

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078661.D
 Acq On : 14 Mar 2024 11:49
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 15 05:27:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	148710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	135737	97.396	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.800%#			
35) Dibromofluoromethane	7.810	113	159673	104.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 208.700%#			
50) Toluene-d8	10.269	98	617834	109.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 219.580%#			
62) 4-Bromofluorobenzene	12.575	95	188366	114.414	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 228.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	132831	95.972	ug/l	99
3) Chloromethane	2.152	50	199484	91.282	ug/l	95
4) Vinyl Chloride	2.287	62	308723	95.765	ug/l	92
5) Bromomethane	2.687	94	289354	93.745	ug/l	98
6) Chloroethane	2.840	64	244332	97.185	ug/l	98
7) Trichlorofluoromethane	3.175	101	242519	95.091	ug/l	98
8) Diethyl Ether	3.593	74	72965	97.988	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.963	101	150199	93.840	ug/l	99
10) Methyl Iodide	4.163	142	201826	106.599	ug/l	99
11) Tert butyl alcohol	5.046	59	32138	515.282	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	149507	98.259	ug/l #	88
13) Acrolein	3.793	56	37662	385.481	ug/l	100
14) Allyl chloride	4.558	41	170538	100.448	ug/l	99
15) Acrylonitrile	5.252	53	147199	490.374	ug/l	96
16) Acetone	4.022	43	128336	476.208	ug/l	90
17) Carbon Disulfide	4.275	76	471490	94.524	ug/l	99
18) Methyl Acetate	4.569	43	60470	104.554	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	321563	104.796	ug/l	98
20) Methylene Chloride	4.799	84	175163	100.230	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	181862	101.294	ug/l	94
22) Diisopropyl ether	6.216	45	383229	99.282	ug/l	97
23) Vinyl Acetate	6.157	43	1170653	518.475	ug/l	94
24) 1,1-Dichloroethane	6.116	63	276534	95.554	ug/l	99
25) 2-Butanone	7.081	43	173424	484.023	ug/l	94
26) 2,2-Dichloropropane	7.081	77	239125	97.662	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	201075	98.193	ug/l	98
28) Bromochloromethane	7.434	49	94391	91.486	ug/l	95
29) Tetrahydrofuran	7.446	42	104124	534.300	ug/l	99
30) Chloroform	7.593	83	303981	94.207	ug/l	100
31) Cyclohexane	7.875	56	214570	91.600	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	267651	97.764	ug/l	98
36) 1,1-Dichloropropene	8.010	75	230342	103.750	ug/l	99
37) Ethyl Acetate	7.169	43	72705	100.241	ug/l	99
38) Carbon Tetrachloride	7.993	117	244293	104.373	ug/l	95
39) Methylcyclohexane	9.275	83	282930	109.855	ug/l	98
40) Benzene	8.251	78	697892	103.987	ug/l	98

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Manual Integrations
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Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	39005	98.740	ug/l	98
42) 1,2-Dichloroethane	8.322	62	164855	100.725	ug/l	98
43) Isopropyl Acetate	8.363	43	138451	104.964	ug/l	99
44) Trichloroethene	9.028	130	186417	102.352	ug/l	98
45) 1,2-Dichloropropane	9.304	63	160105	100.565	ug/l	98
46) Dibromomethane	9.393	93	98149	102.843	ug/l	99
47) Bromodichloromethane	9.587	83	235964	103.861	ug/l	96
48) Methyl methacrylate	9.381	41	66181	102.973	ug/l	96
49) 1,4-Dioxane	9.387	88	20232	2289.639	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	374097	542.497	ug/l	100
52) Toluene	10.334	92	464584	107.522	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	223225	107.462	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	270296	108.241	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	132359	103.567	ug/l	95
56) Ethyl methacrylate	10.598	69	146153	114.078	ug/l	98
57) 1,3-Dichloropropane	10.881	76	215445	104.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	324093	573.699	ug/l	99
59) 2-Hexanone	10.922	43	271043	530.216	ug/l	99
60) Dibromochloromethane	11.075	129	168880	107.153	ug/l	100
61) 1,2-Dibromoethane	11.175	107	128444	103.852	ug/l	99
64) Tetrachloroethene	10.810	164	157879	103.325	ug/l	96
65) Chlorobenzene	11.604	112	492739	102.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	187809	106.283	ug/l	99
67) Ethyl Benzene	11.681	91	900246	109.490	ug/l	97
68) m/p-Xylenes	11.792	106	736552	220.605	ug/l	100
69) o-Xylene	12.122	106	345765	111.929	ug/l	98
70) Styrene	12.134	104	589745	113.741	ug/l	100
71) Bromoform	12.298	173	101174	105.946	ug/l #	95
73) Isopropylbenzene	12.422	105	874202	105.168	ug/l	99
74) N-amyl acetate	12.234	43	138221	102.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	145449	94.522	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	94085m	96.923	ug/l	
77) Bromobenzene	12.698	156	211142	102.424	ug/l	97
78) n-propylbenzene	12.763	91	1052849	104.055	ug/l	100
79) 2-Chlorotoluene	12.851	91	560406	100.961	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	727520	105.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	45701	98.487	ug/l	96
82) 4-Chlorotoluene	12.945	91	589247	100.366	ug/l	99
83) tert-Butylbenzene	13.163	119	640763	108.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	747329	107.882	ug/l	99
85) sec-Butylbenzene	13.345	105	944821	105.336	ug/l	100
86) p-Isopropyltoluene	13.457	119	843089	109.797	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	452946	104.120	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	430848	100.495	ug/l	99
89) n-Butylbenzene	13.786	91	738695	106.522	ug/l	98
90) Hexachloroethane	14.051	117	152110	95.737	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	375941	100.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	19845	96.406	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	229269	104.853	ug/l	95
94) Hexachlorobutadiene	15.204	225	120049	101.412	ug/l	99
95) Naphthalene	15.333	128	420672	110.655	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	199530	105.478	ug/l	99

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ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 03/15/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

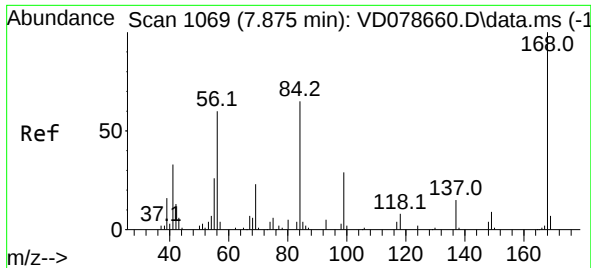
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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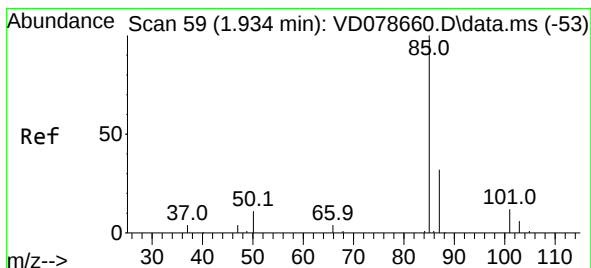
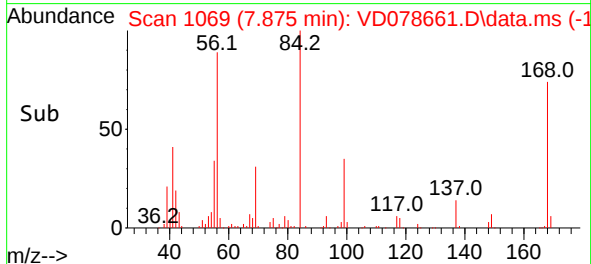
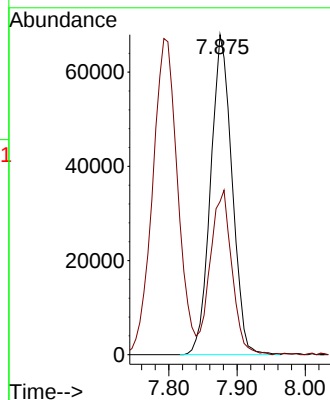
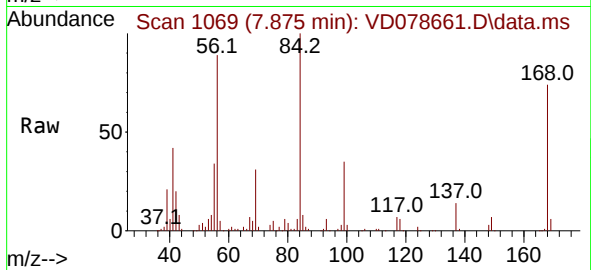
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 148710
Ion Ratio Lower Upper
168 100
99 47.5 38.8 58.2

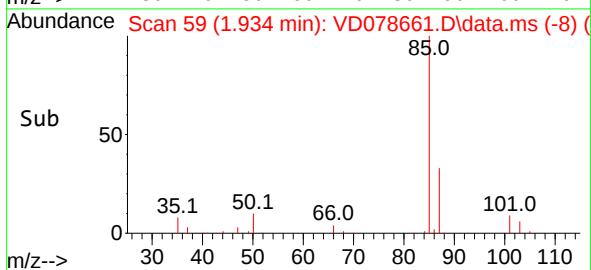
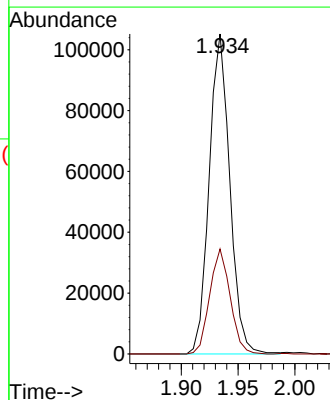
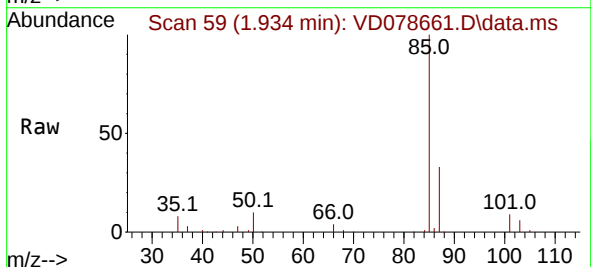
Manual Integrations
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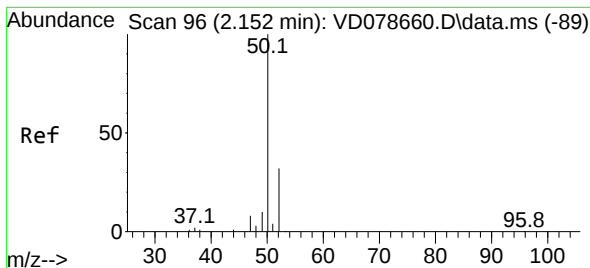
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#2
Dichlorodifluoromethane
Concen: 95.972 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion: 85 Resp: 132831
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.5





#3

Chloromethane

Concen: 91.282 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 199484

Ion Ratio Lower Upper

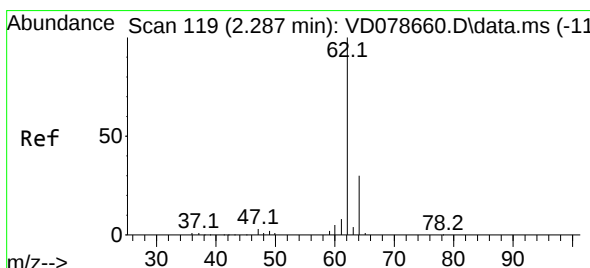
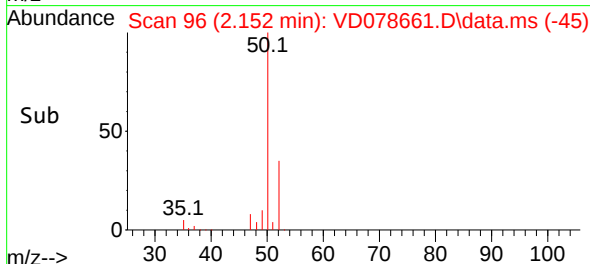
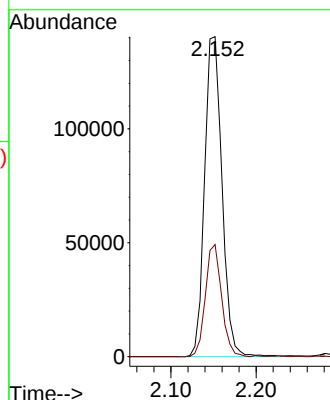
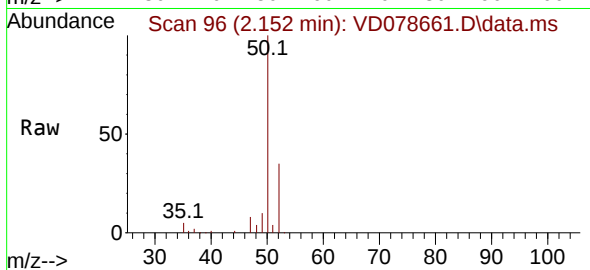
50 100

52 35.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#4

Vinyl Chloride

Concen: 95.765 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078661.D

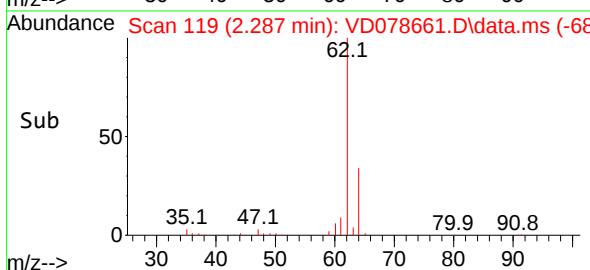
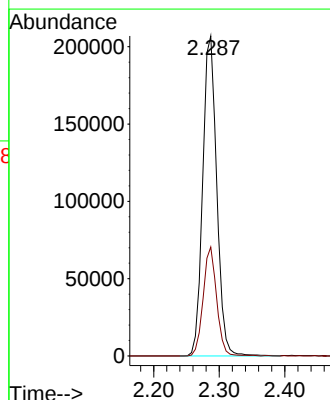
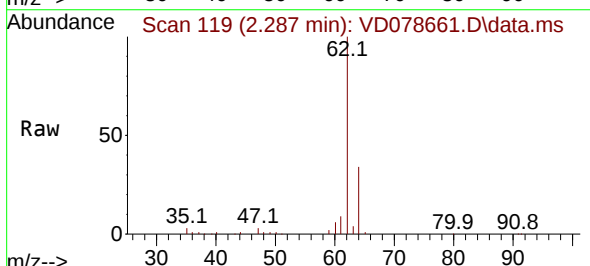
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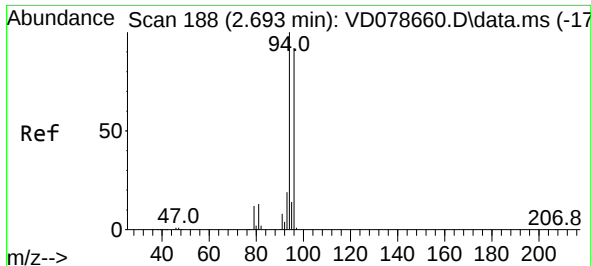
Tgt Ion: 62 Resp: 308723

Ion Ratio Lower Upper

62 100

64 34.1 23.7 35.5





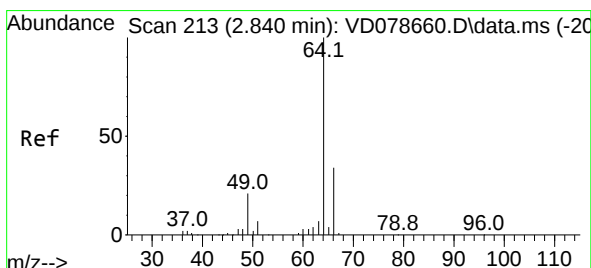
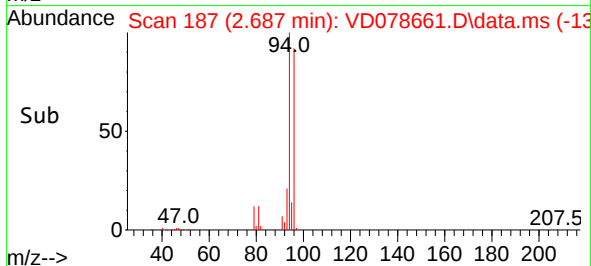
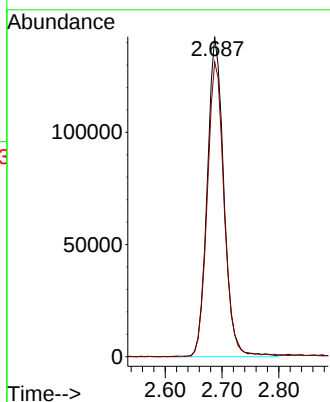
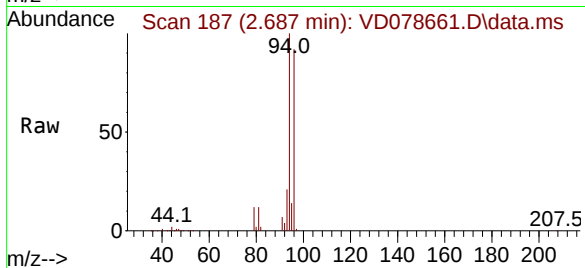
#5
Bromomethane
Concen: 93.745 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078661.D
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Tgt Ion: 94 Resp: 289354
Ion Ratio Lower Upper
94 100
96 93.6 73.5 110.3

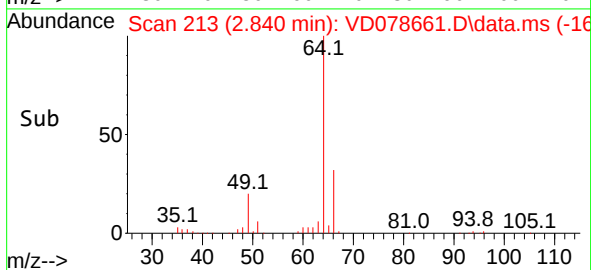
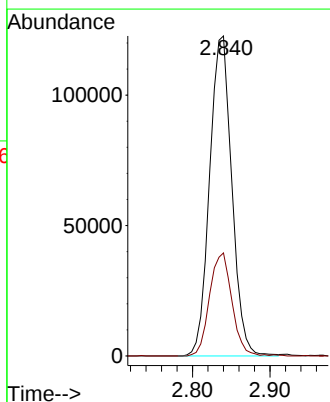
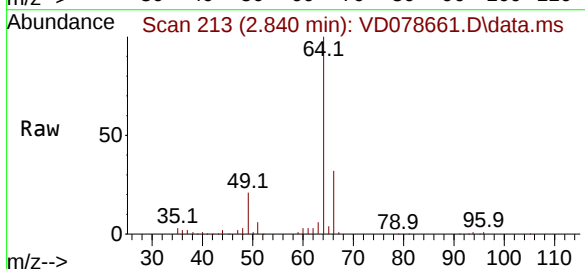
Manual Integrations
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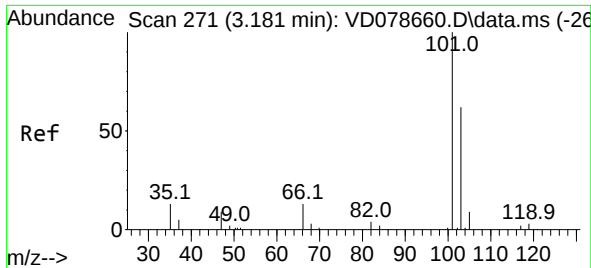
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#6
Chloroethane
Concen: 97.185 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

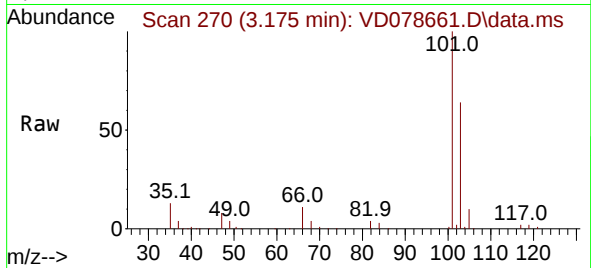
Tgt Ion: 64 Resp: 244332
Ion Ratio Lower Upper
64 100
66 32.2 26.8 40.2





#7
Trichlorofluoromethane
Concen: 95.091 ug/l
RT: 3.175 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD078661.D
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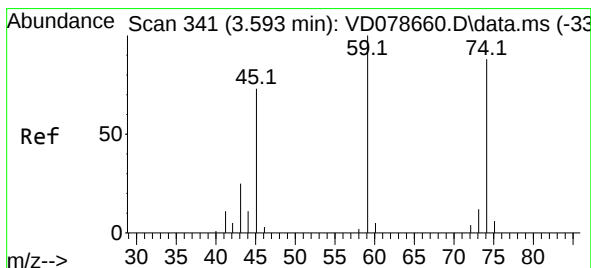
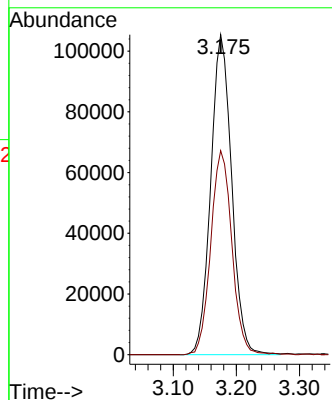
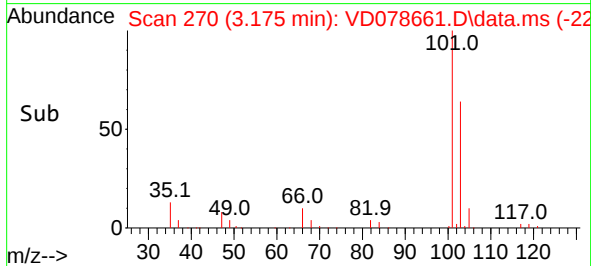
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:101 Resp: 242519
Ion Ratio Lower Upper
101 100
103 63.8 49.7 74.5

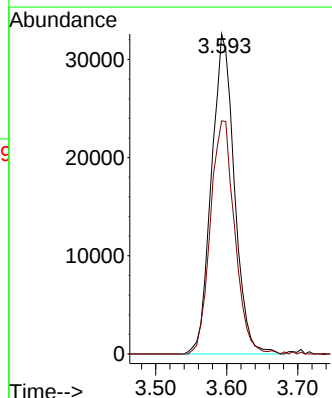
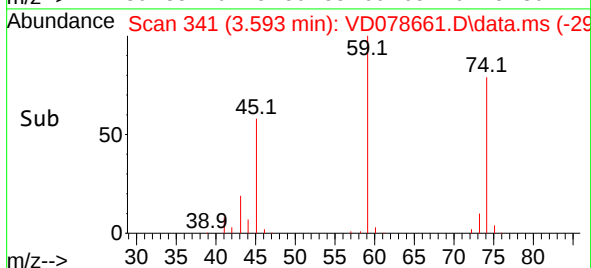
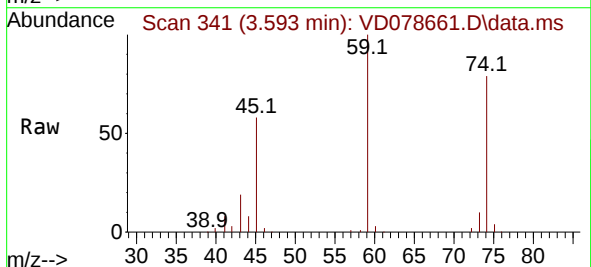
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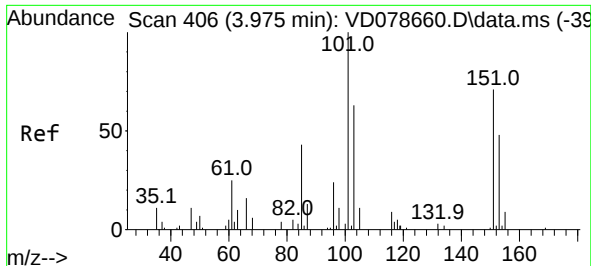
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#8
Diethyl Ether
Concen: 97.988 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion: 74 Resp: 72965
Ion Ratio Lower Upper
74 100
45 77.2 42.4 127.3





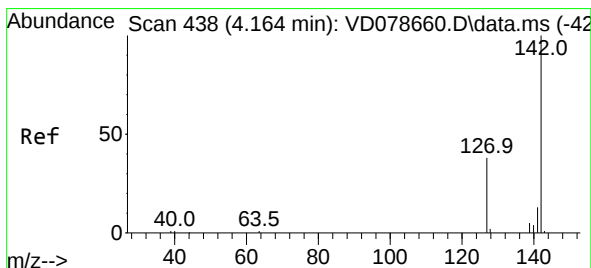
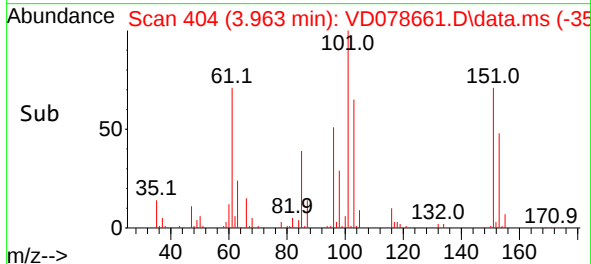
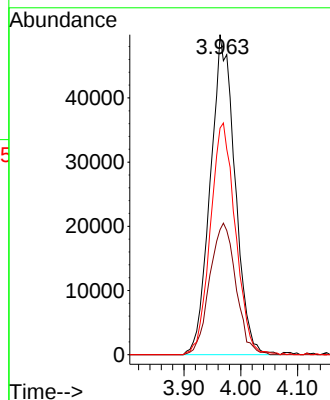
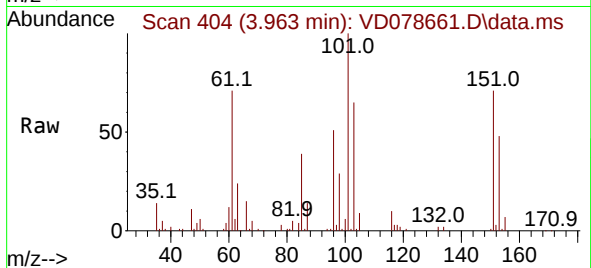
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.840 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 150199
Ion Ratio Lower Upper
101 100
85 43.6 35.8 53.6
151 73.5 59.4 89.2

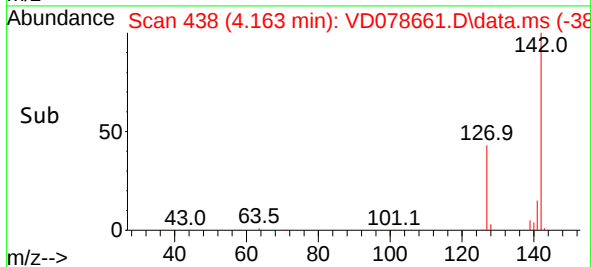
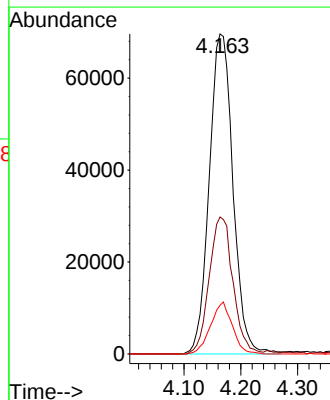
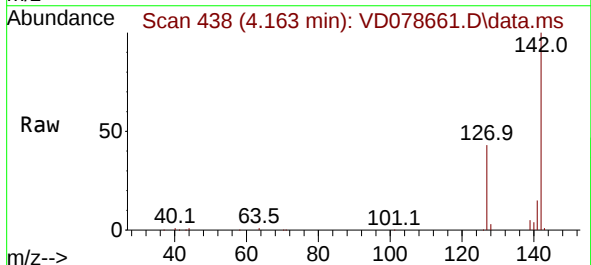
Manual Integrations
APPROVED

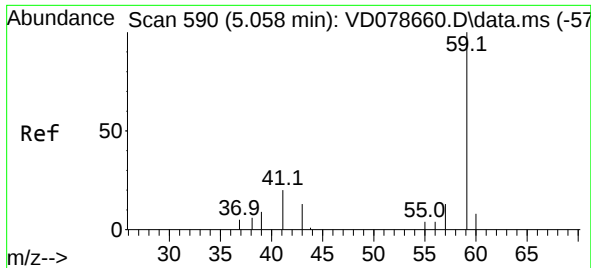
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#10
Methyl Iodide
Concen: 106.599 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion:142 Resp: 201826
Ion Ratio Lower Upper
142 100
127 42.7 33.5 50.3
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 515.282 ug/l

RT: 5.046 min Scan# 590

Delta R.T. -0.012 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 32138

Ion Ratio Lower Upper

59 100

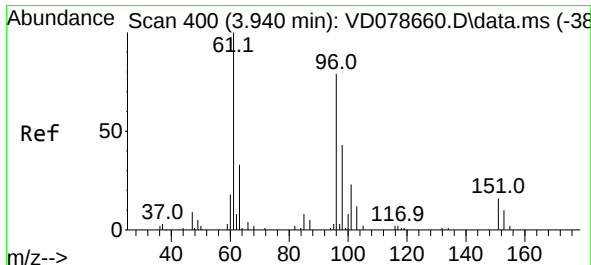
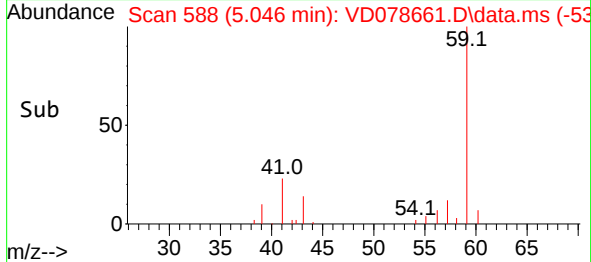
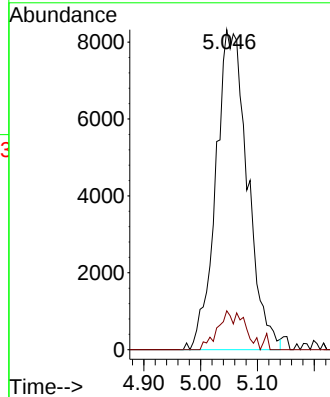
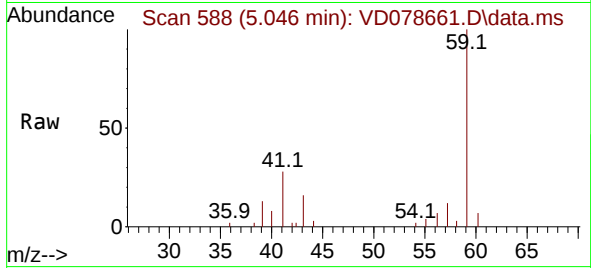
57 6.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#12

1,1-Dichloroethene

Concen: 98.259 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

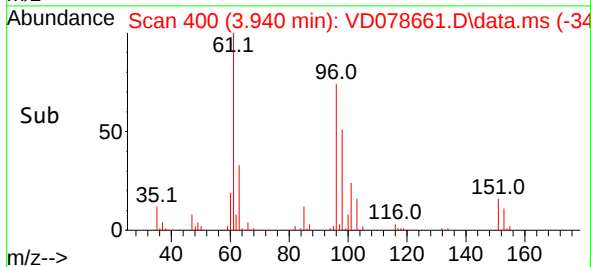
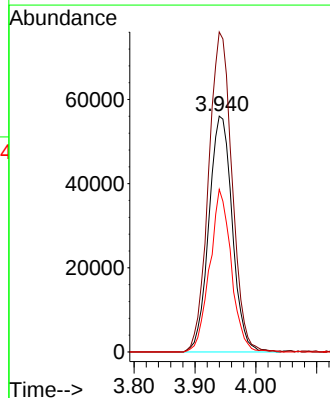
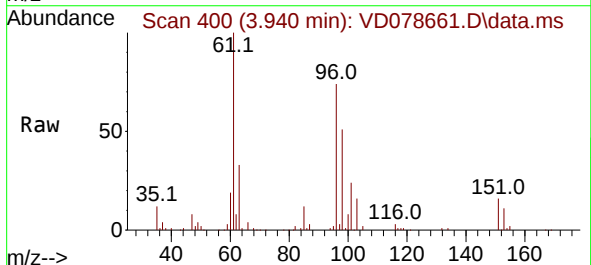
Tgt Ion: 96 Resp: 149507

Ion Ratio Lower Upper

96 100

61 135.7 101.4 152.0

98 68.9 43.4 65.0





#13

Acrolein

Concen: 385.481 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 37662

Ion Ratio Lower Upper

56 100

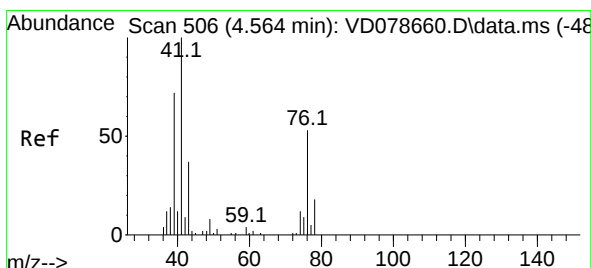
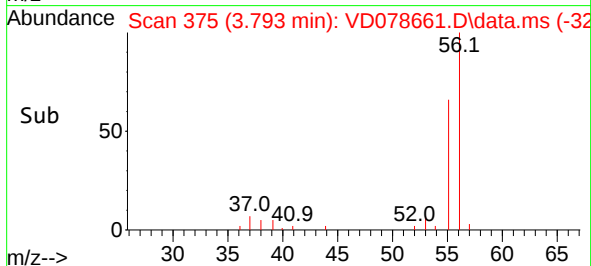
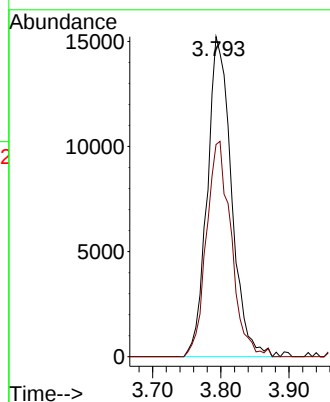
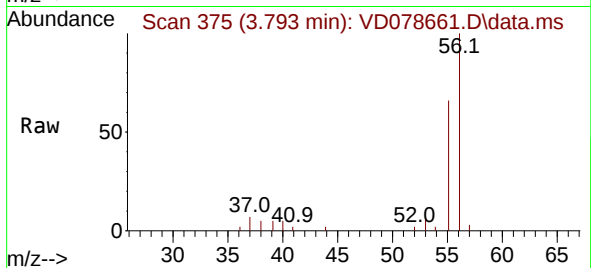
55 68.8 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#14

Allyl chloride

Concen: 100.448 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

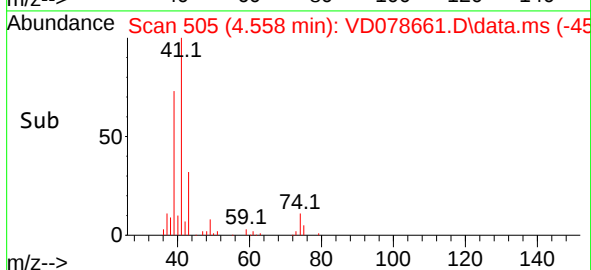
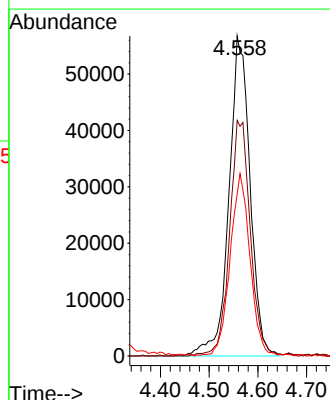
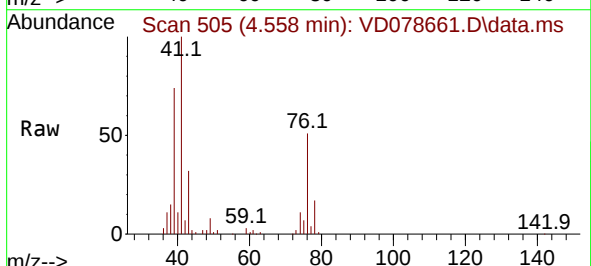
Tgt Ion: 41 Resp: 170538

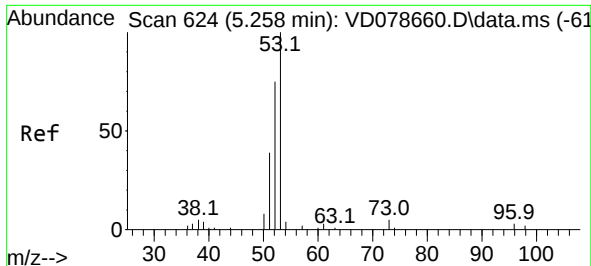
Ion Ratio Lower Upper

41 100

39 72.3 57.8 86.6

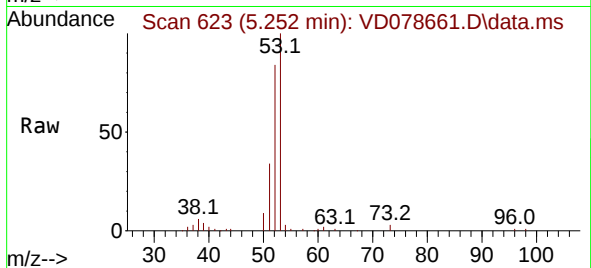
76 53.9 44.8 67.2





#15
Acrylonitrile
Concen: 490.374 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

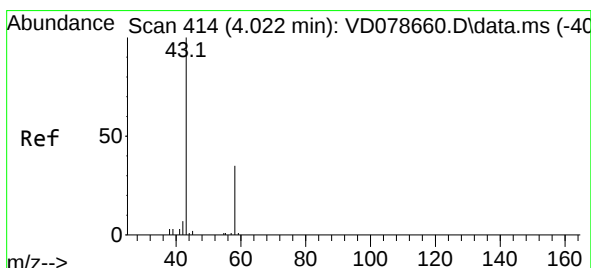
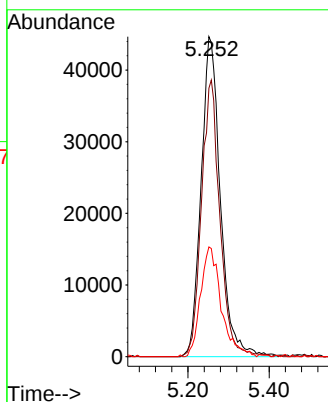
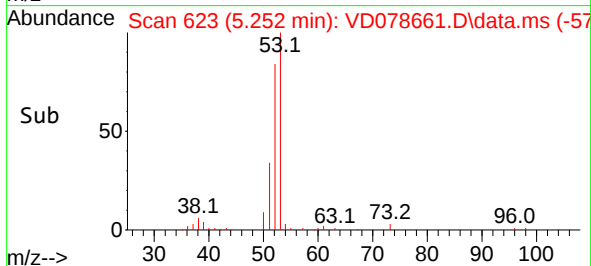
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 147199
Ion Ratio Lower Upper
53 100
52 82.6 61.9 92.9
51 36.7 29.0 43.4

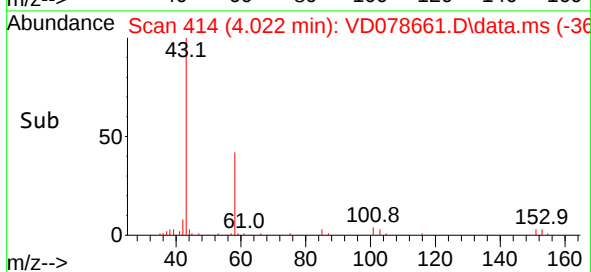
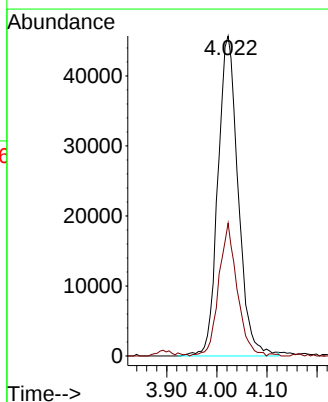
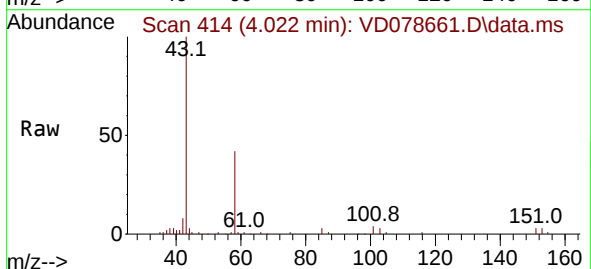
Manual Integrations
APPROVED

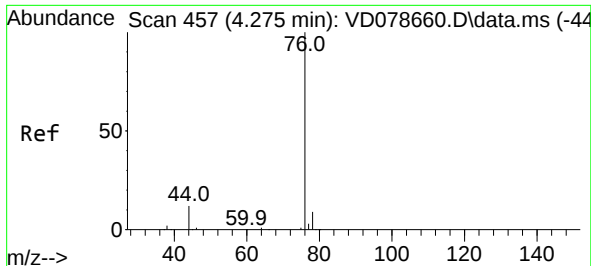
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#16
Acetone
Concen: 476.208 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

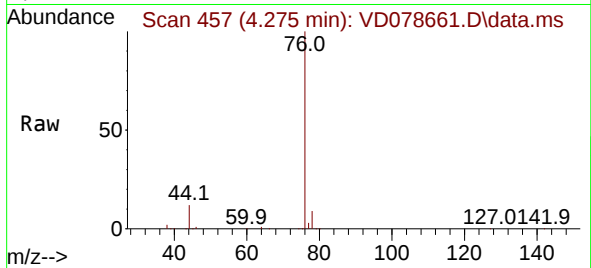
Tgt Ion: 43 Resp: 128336
Ion Ratio Lower Upper
43 100
58 40.9 28.2 42.4





#17
Carbon Disulfide
Concen: 94.524 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

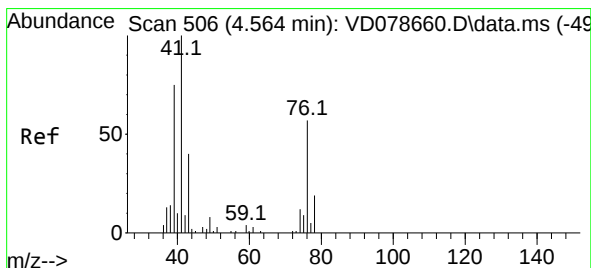
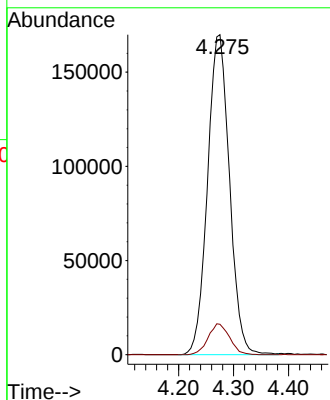
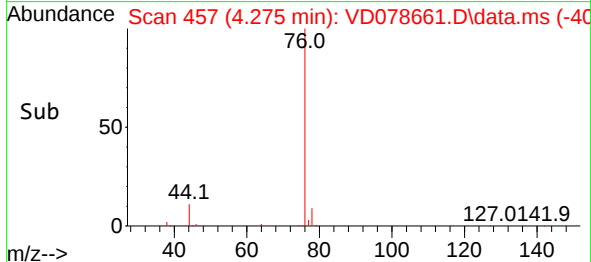
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



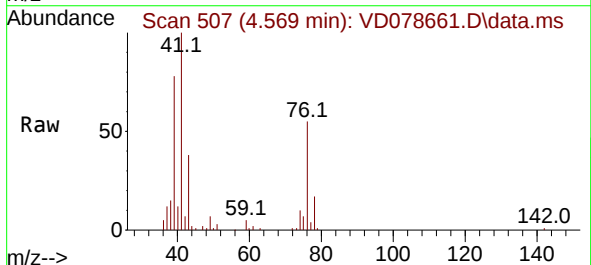
Tgt Ion: 76 Resp: 471490
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

Manual Integrations
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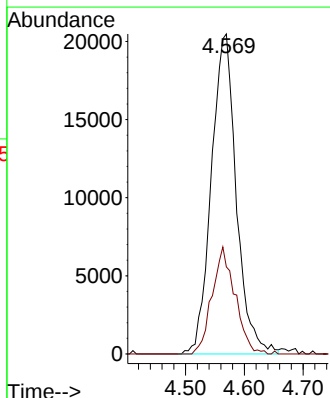
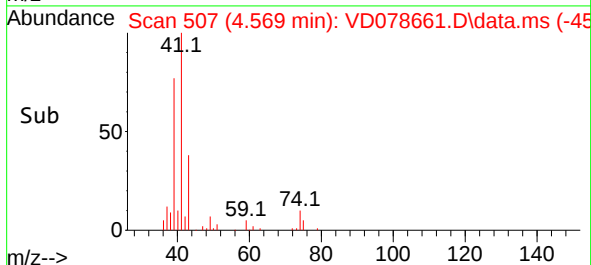
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#18
Methyl Acetate
Concen: 104.554 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



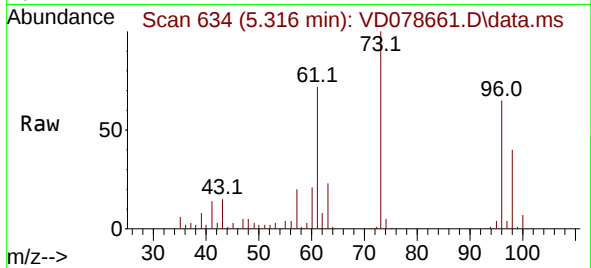
Tgt Ion: 43 Resp: 60470
Ion Ratio Lower Upper
43 100
74 30.7 25.3 37.9





#19
Methyl tert-butyl Ether
Concen: 104.796 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

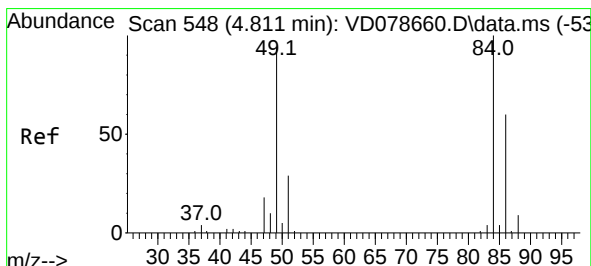
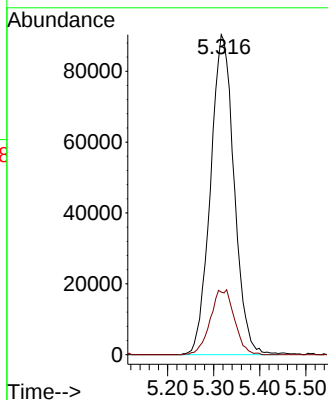
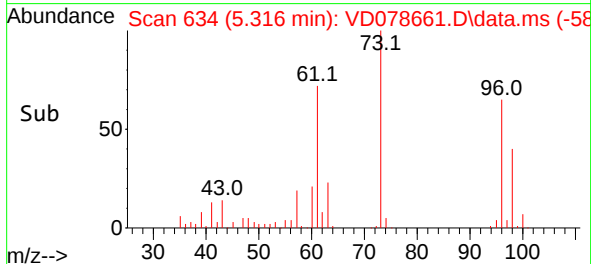
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



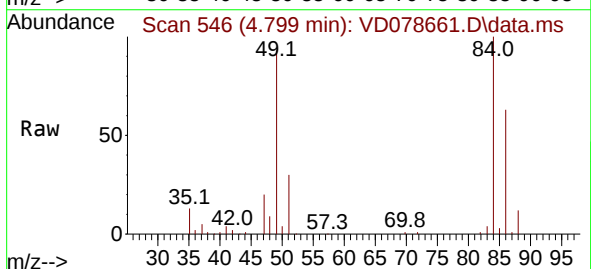
Tgt Ion: 73 Resp: 32156
Ion Ratio Lower Upper
73 100
57 19.5 16.4 24.6

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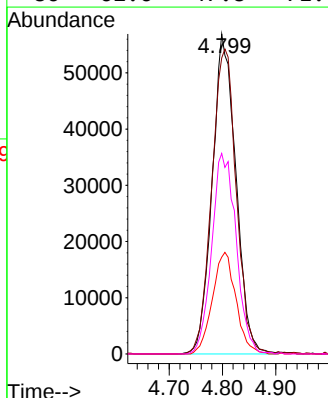
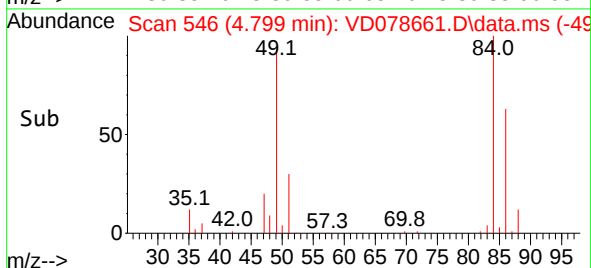
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

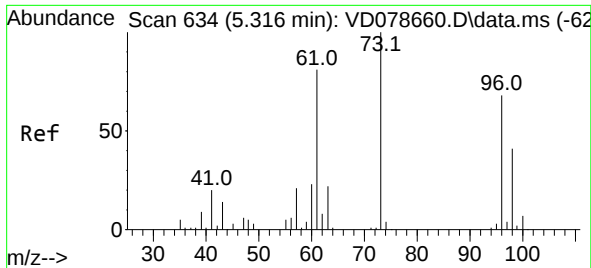


#20
Methylene Chloride
Concen: 100.230 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



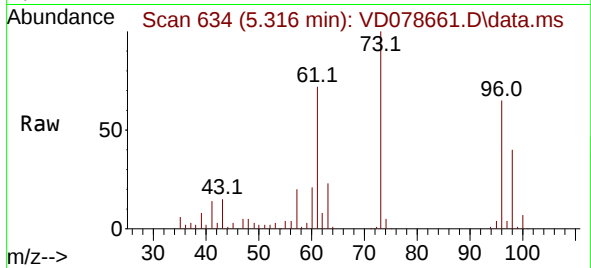
Tgt Ion: 84 Resp: 175163
Ion Ratio Lower Upper
84 100
49 92.5 75.6 113.4
51 30.3 23.4 35.0
86 62.6 47.8 71.6





#21
trans-1,2-Dichloroethene
Concen: 101.294 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

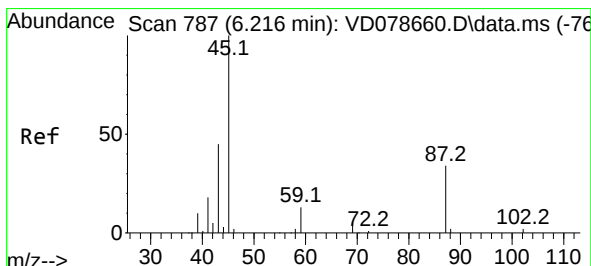
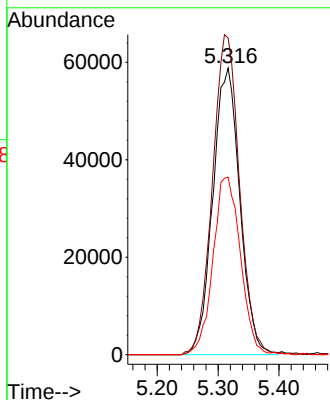
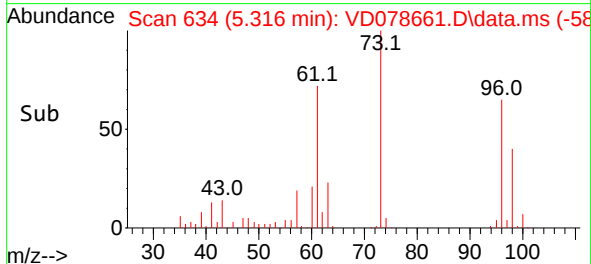
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



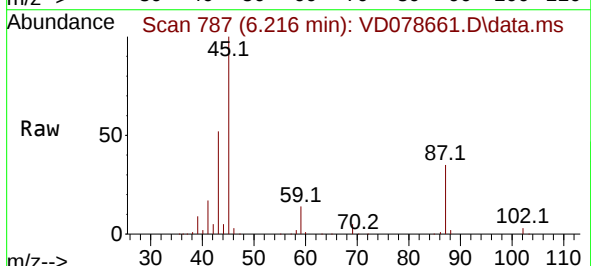
Tgt Ion: 96 Resp: 181862
Ion Ratio Lower Upper
96 100
61 110.5 96.1 144.1
98 62.0 48.9 73.3

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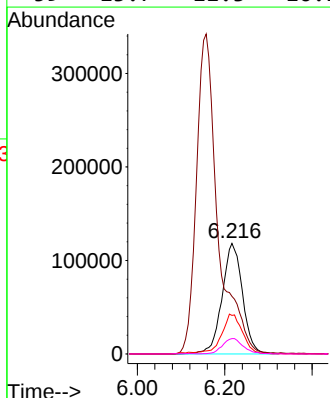
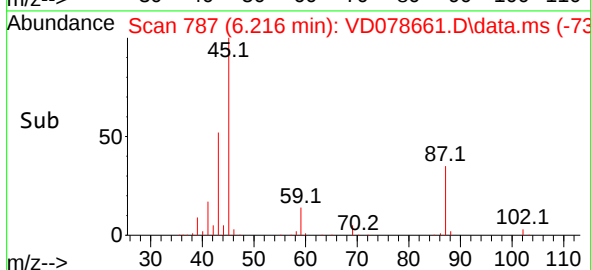
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

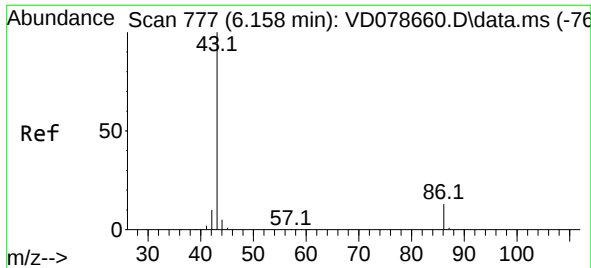


#22
Diisopropyl ether
Concen: 99.282 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



Tgt Ion: 45 Resp: 383229
Ion Ratio Lower Upper
45 100
43 51.4 44.3 66.5
87 34.8 28.3 42.5
59 13.7 11.3 16.9





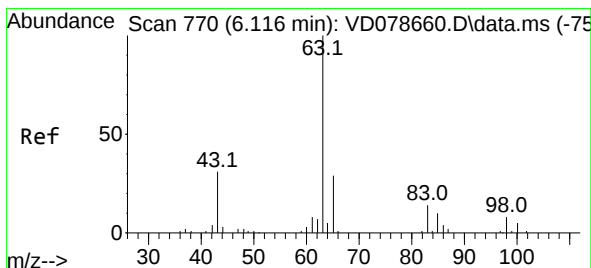
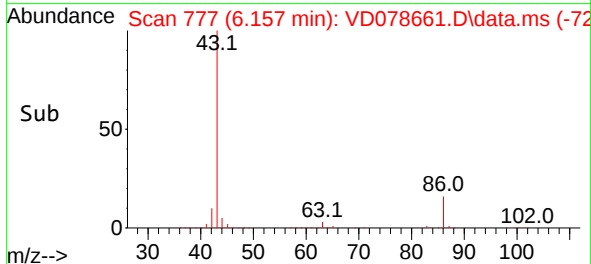
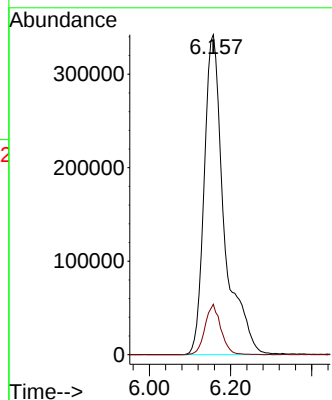
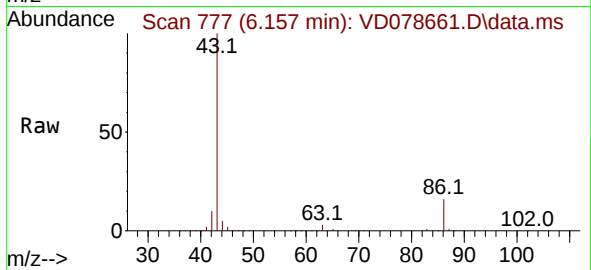
#23
 Vinyl Acetate
 Concen: 518.475 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078661.D
 Acq: 14 Mar 2024 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 117065
 Ion Ratio Lower Upper
 43 100
 86 15.8 10.7 16.1

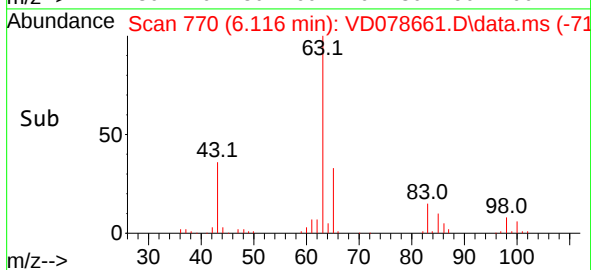
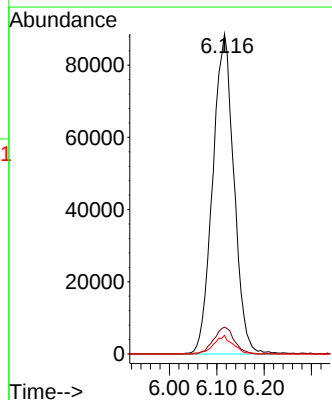
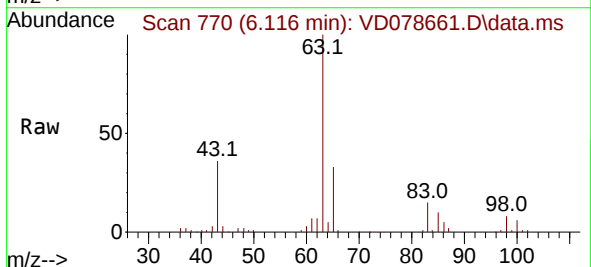
Manual Integrations
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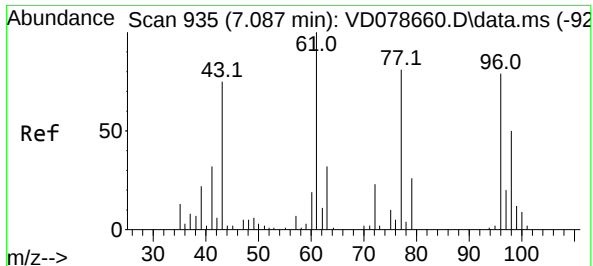
Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024



#24
 1,1-Dichloroethane
 Concen: 95.554 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078661.D
 Acq: 14 Mar 2024 11:49

Tgt Ion: 63 Resp: 276534
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 11.9
 100 5.8 2.7 8.1





#25

2-Butanone

Concen: 484.023 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 173424

Ion Ratio Lower Upper

43 100

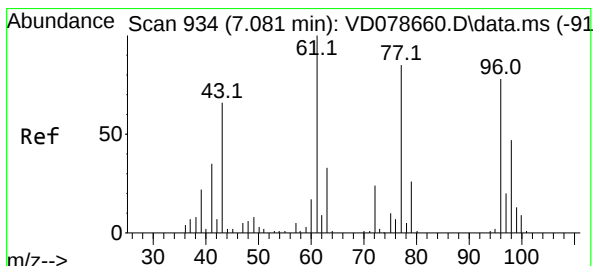
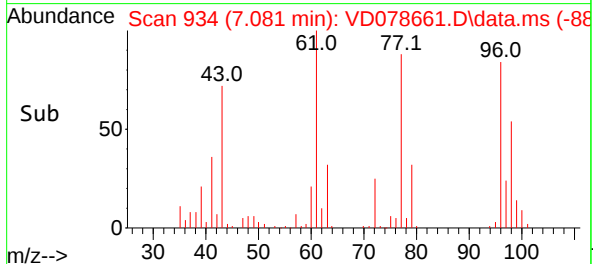
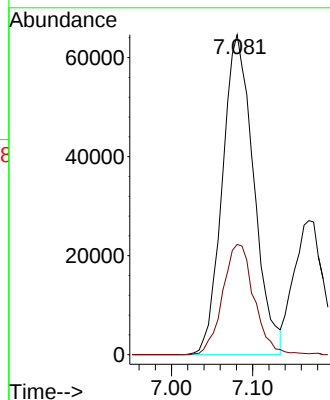
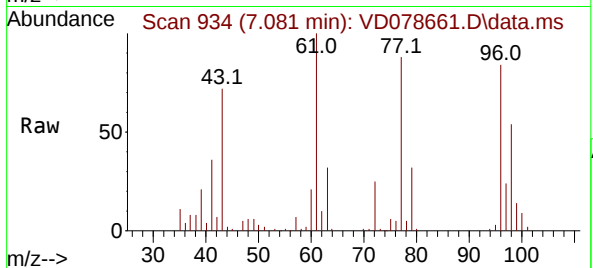
72 34.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#26

2,2-Dichloropropane

Concen: 97.662 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078661.D

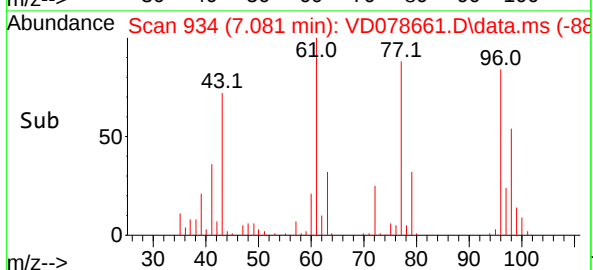
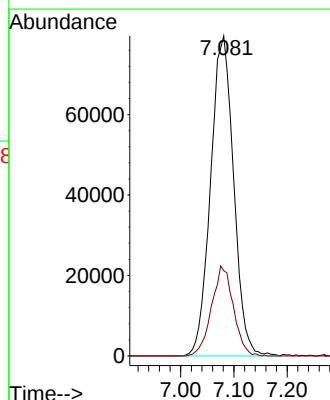
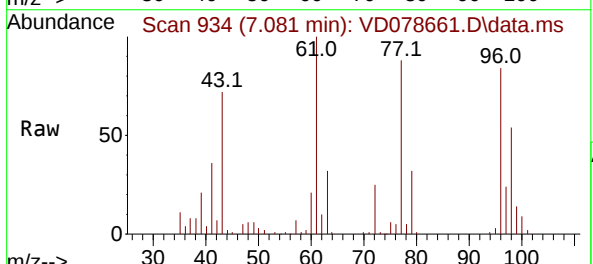
Acq: 14 Mar 2024 11:49

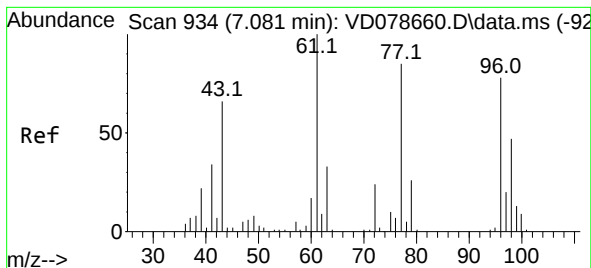
Tgt Ion: 77 Resp: 239125

Ion Ratio Lower Upper

77 100

97 26.6 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 98.193 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 20107

Ion Ratio Lower Upper

96 100

61 121.0 0.0 245.0

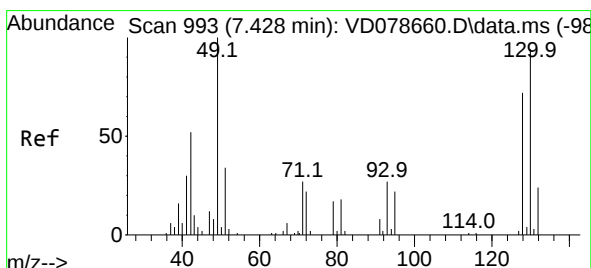
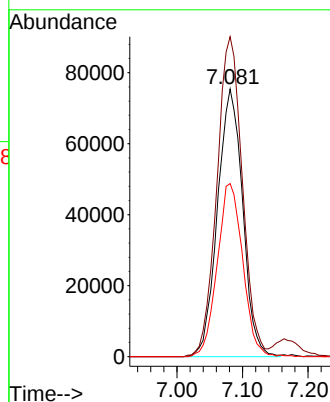
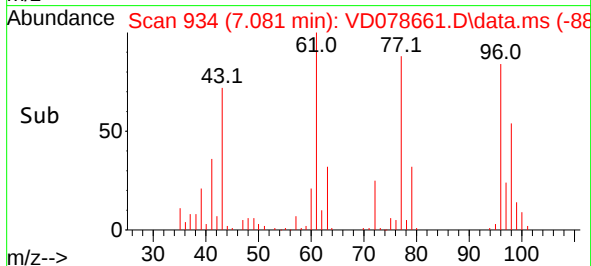
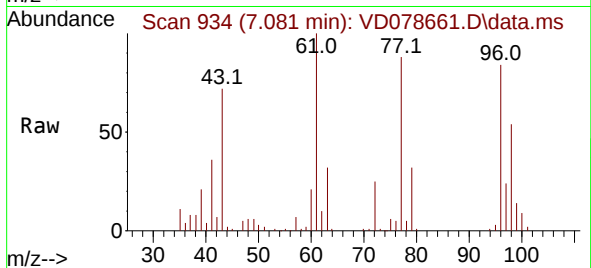
98 65.5 0.0 126.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#28

Bromochloromethane

Concen: 91.486 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

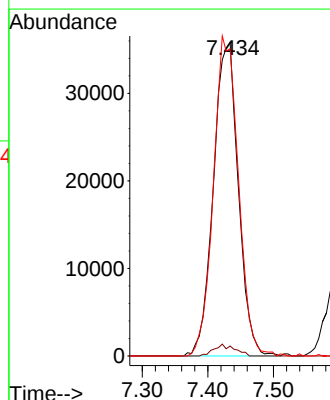
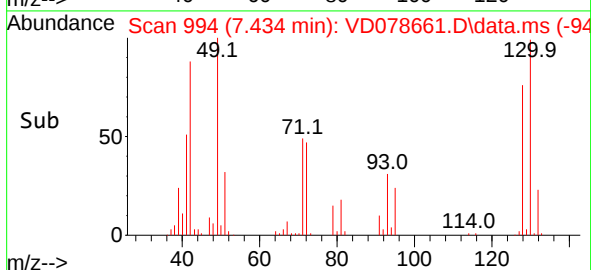
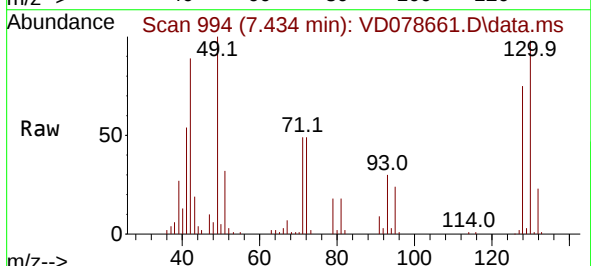
Tgt Ion: 49 Resp: 94391

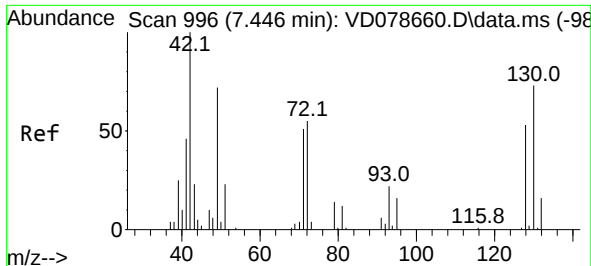
Ion Ratio Lower Upper

49 100

129 3.1 0.0 6.2

130 101.9 77.1 115.7





#29

Tetrahydrofuran

Concen: 534.300 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 104124

Ion Ratio Lower Upper

42 100

72 56.0 43.8 65.6

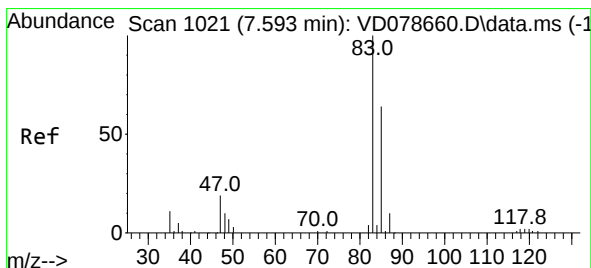
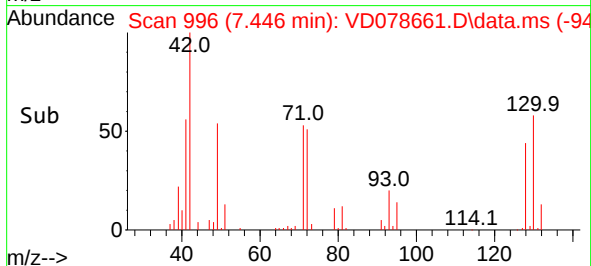
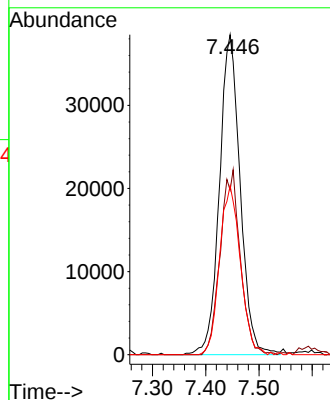
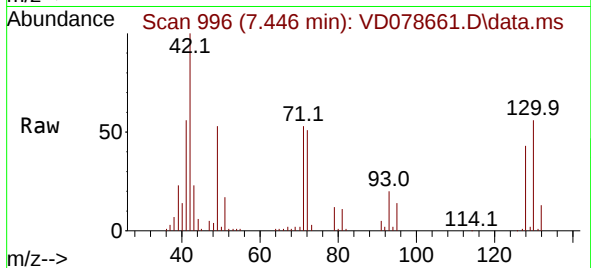
71 53.1 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#30

Chloroform

Concen: 94.207 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD078661.D

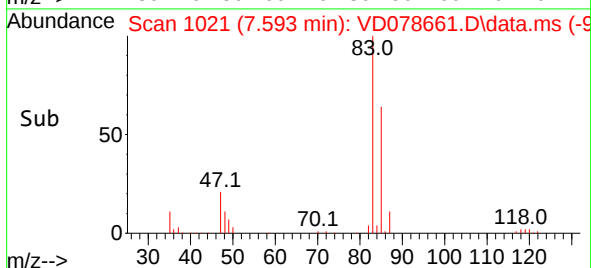
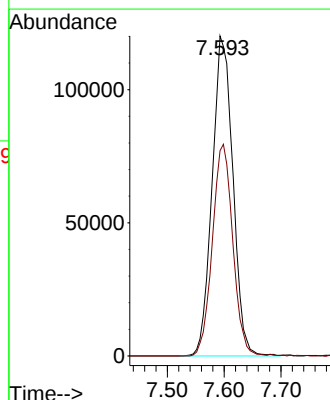
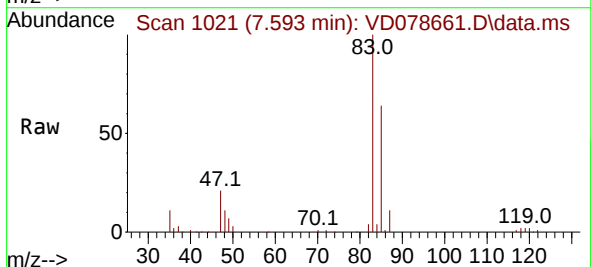
Acq: 14 Mar 2024 11:49

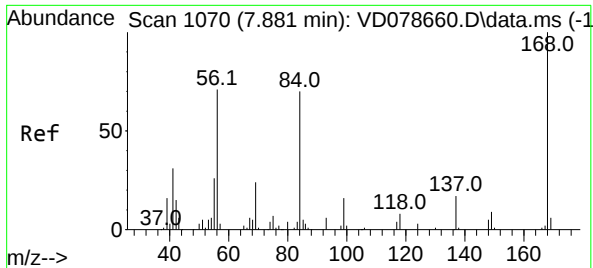
Tgt Ion: 83 Resp: 303981

Ion Ratio Lower Upper

83 100

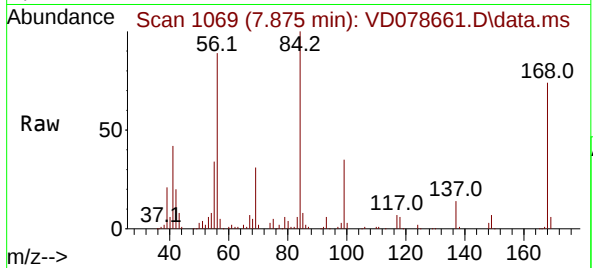
85 64.2 51.2 76.8





#31
Cyclohexane
Concen: 91.600 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

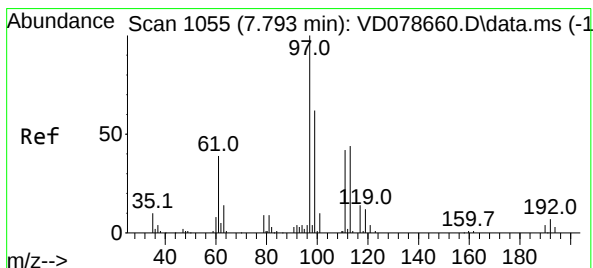
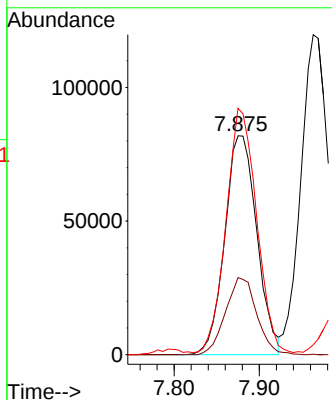
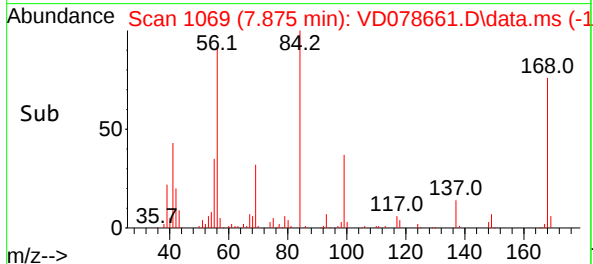
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



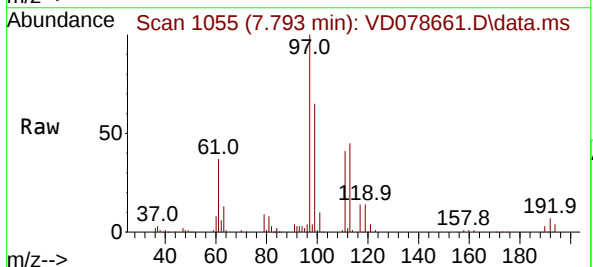
Tgt Ion: 56 Resp: 214570
Ion Ratio Lower Upper
56 100
69 35.2 26.6 40.0
84 110.3 79.4 119.2

Manual Integrations
APPROVED

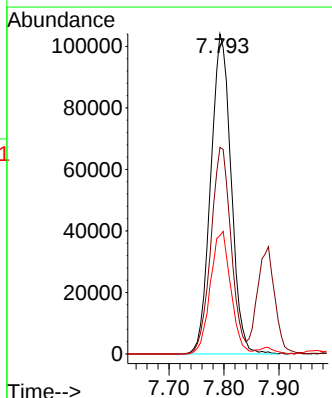
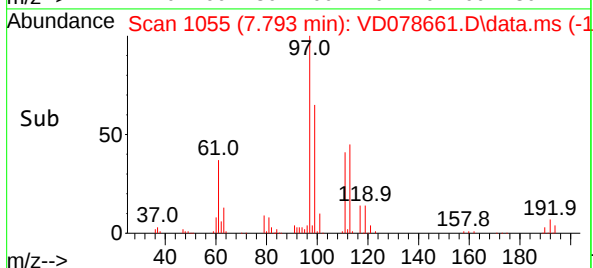
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

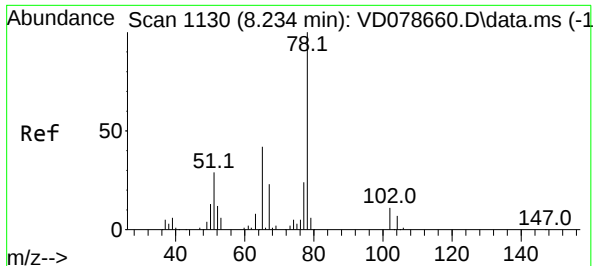


#32
1,1,1-Trichloroethane
Concen: 97.764 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



Tgt Ion: 97 Resp: 267651
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 38.5 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 97.396 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 13573

Ion Ratio Lower Upper

65 100

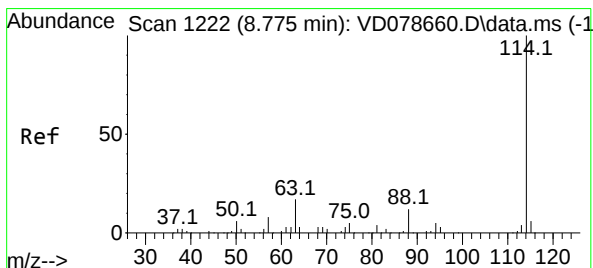
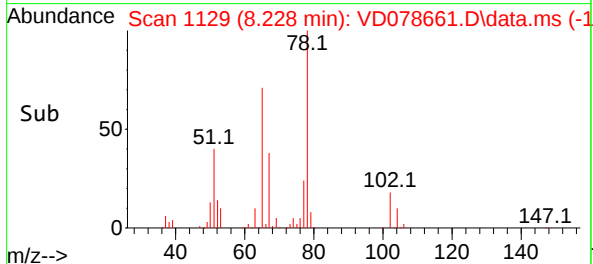
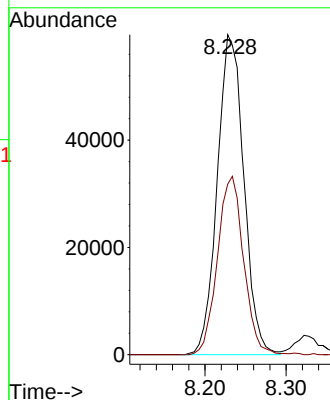
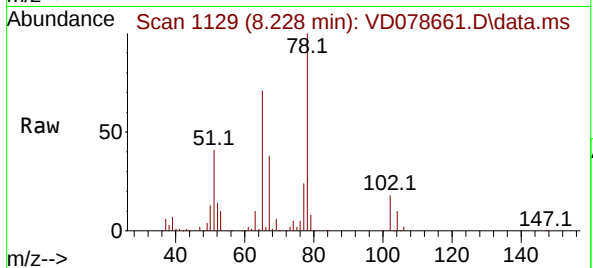
67 54.9 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

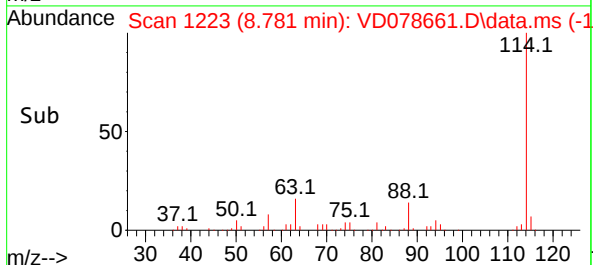
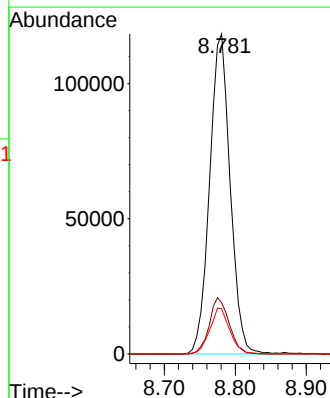
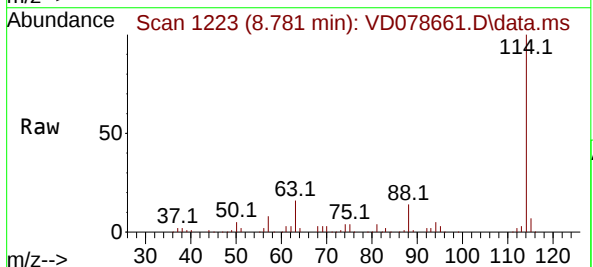
Tgt Ion:114 Resp: 237660

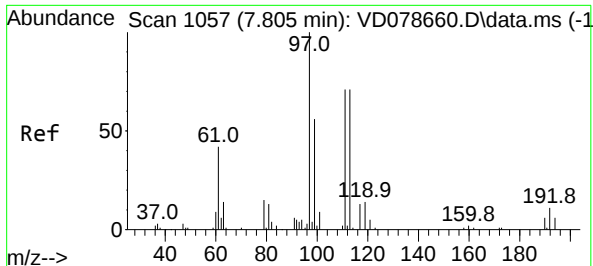
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 14.2 0.0 24.6





#35

Dibromofluoromethane

Concen: 104.350 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 15967

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

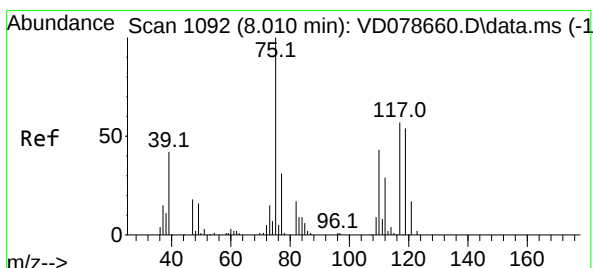
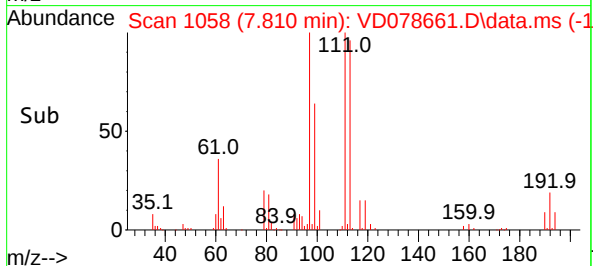
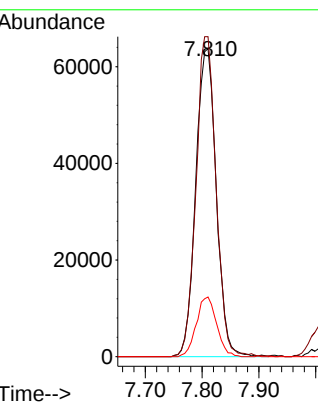
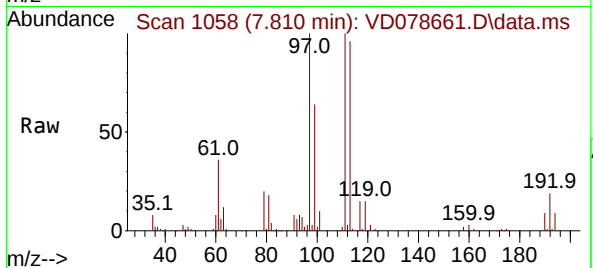
192 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#36

1,1-Dichloropropene

Concen: 103.750 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

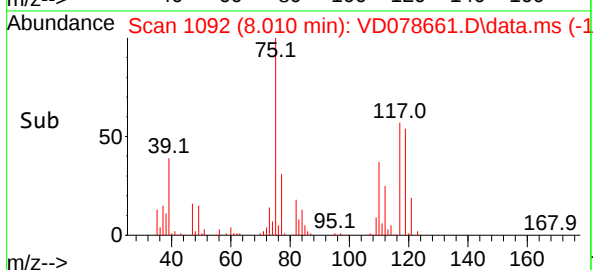
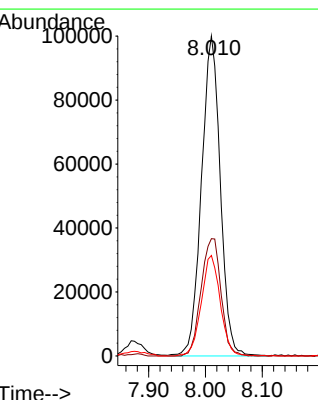
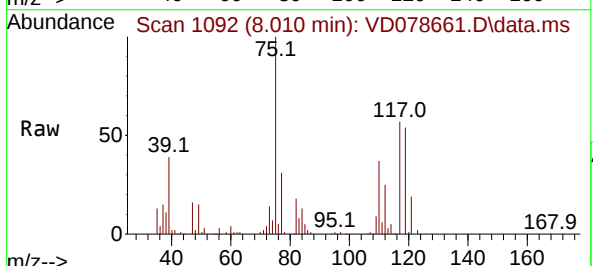
Tgt Ion: 75 Resp: 230342

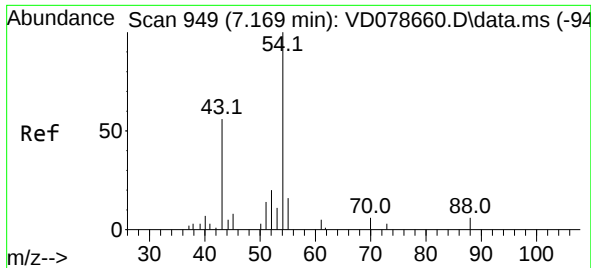
Ion Ratio Lower Upper

75 100

110 38.7 19.1 57.1

77 31.6 25.4 38.2





#37

Ethyl Acetate

Concen: 100.241 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

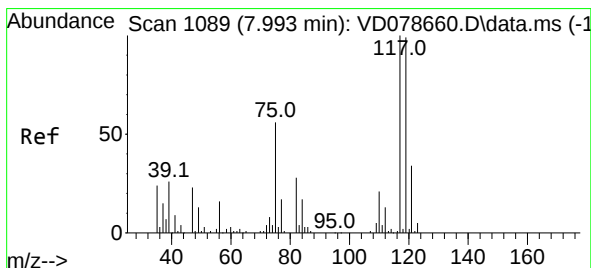
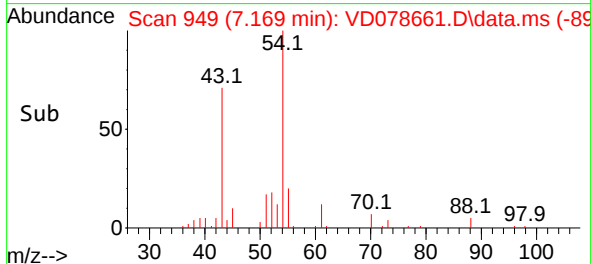
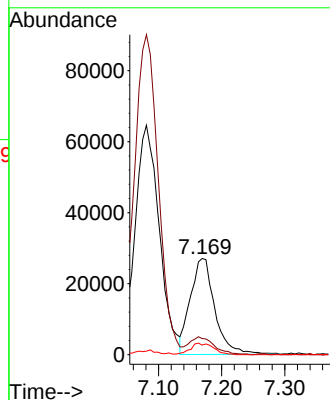
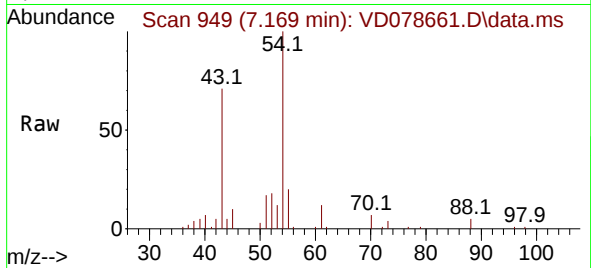
Tgt Ion: 43 Resp: 72705

Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.6	21.8
70	11.3	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#38

Carbon Tetrachloride

Concen: 104.373 ug/l

RT: 7.993 min Scan# 1089

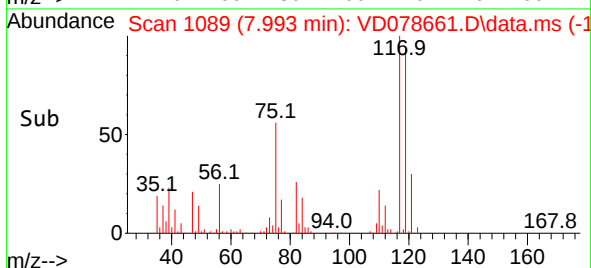
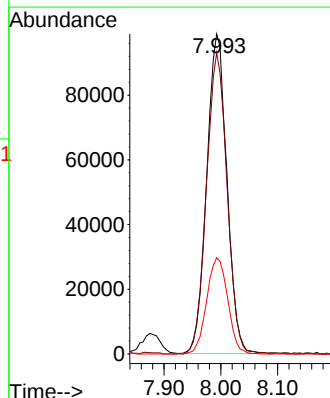
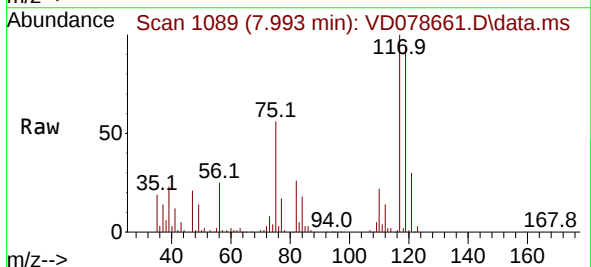
Delta R.T. -0.000 min

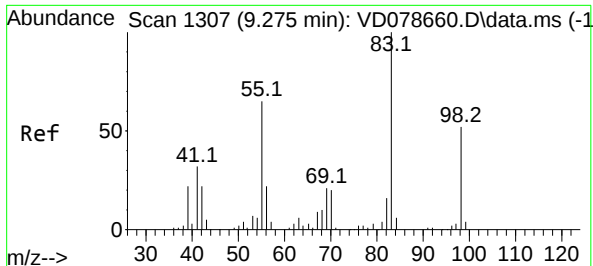
Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Tgt Ion:117 Resp: 244293

Ion	Ratio	Lower	Upper
117	100		
119	94.1	79.2	118.8
121	30.2	26.8	40.2





#39

Methylcyclohexane

Concen: 109.855 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

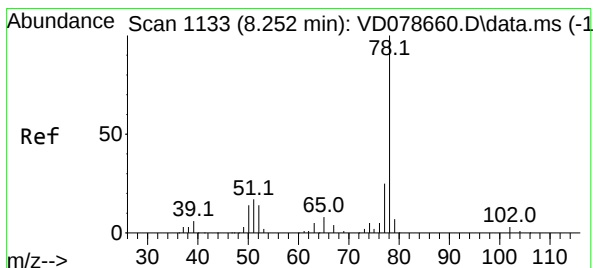
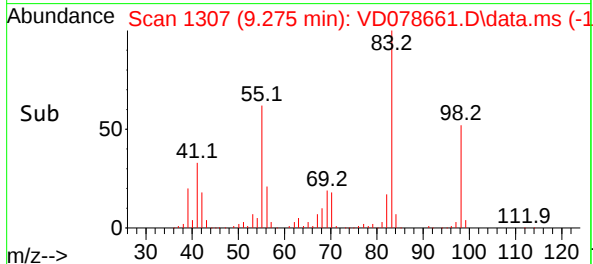
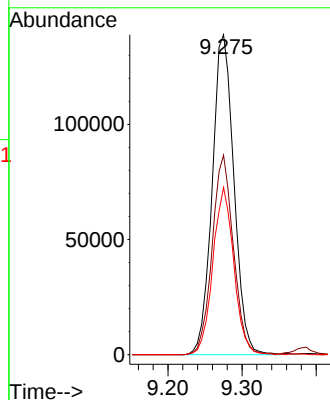
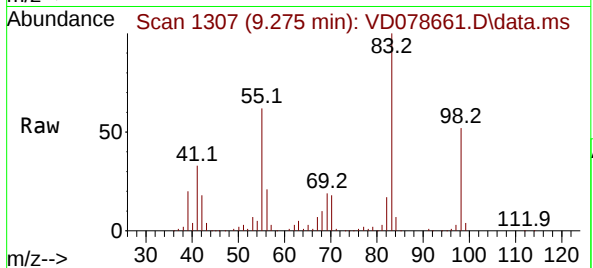
VSTDIC100

Tgt Ion: 83 Resp: 282930
 Ion Ratio Lower Upper
 83 100
 55 62.4 51.7 77.5
 98 52.2 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024



#40

Benzene

Concen: 103.987 ug/l

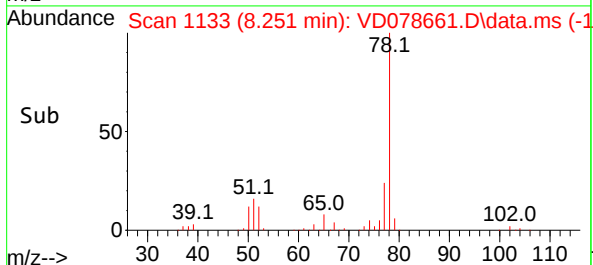
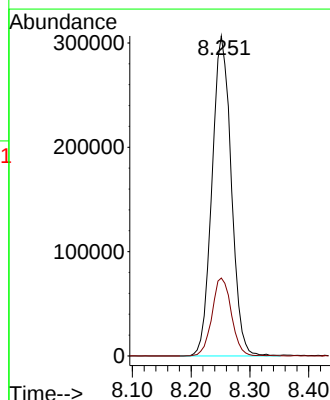
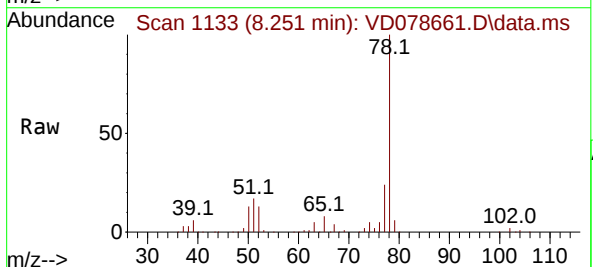
RT: 8.251 min Scan# 1133

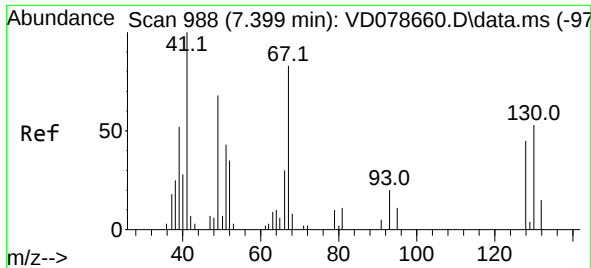
Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Tgt Ion: 78 Resp: 697892
 Ion Ratio Lower Upper
 78 100
 77 24.4 20.4 30.6





#41
Methacrylonitrile
Concen: 98.740 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

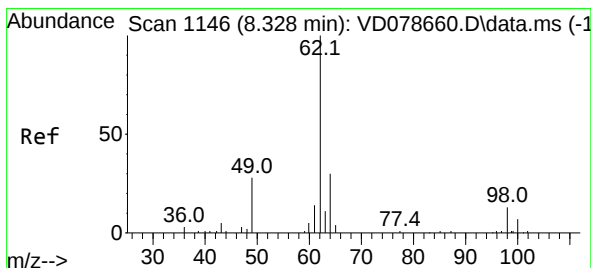
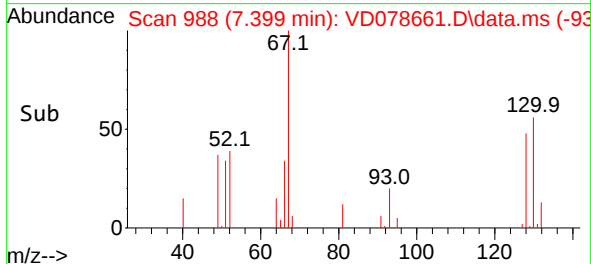
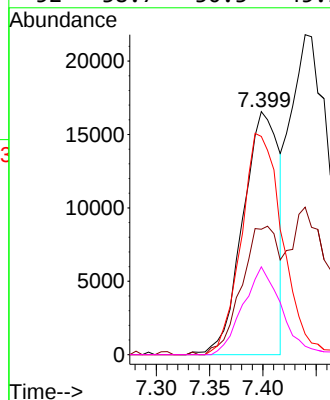
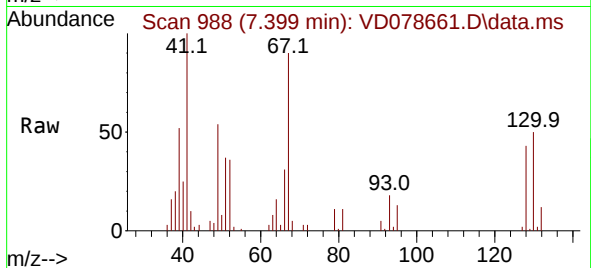
VSTDICC100

Tgt Ion: 41 Resp: 3900
Ion Ratio Lower Upper
41 100
39 54.3 39.8 59.6
67 104.3 83.5 125.3
52 38.7 30.3 45.5

Manual Integrations

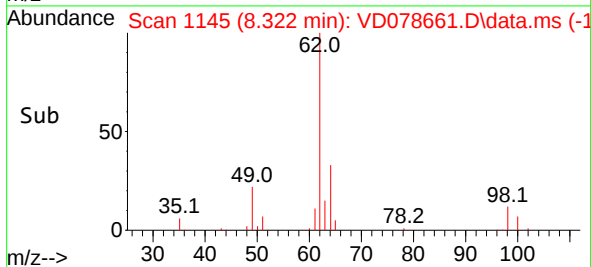
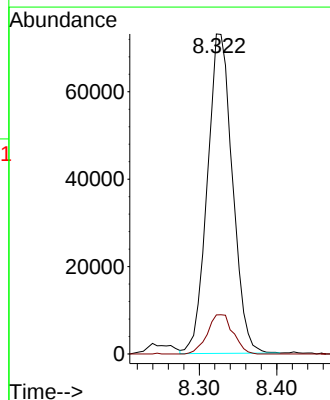
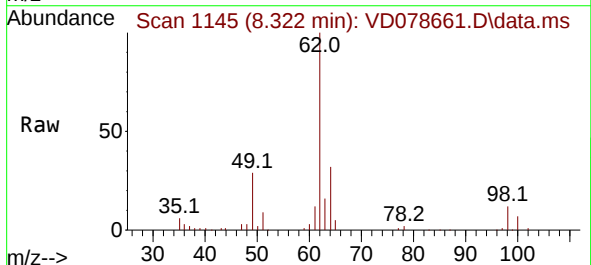
APPROVED

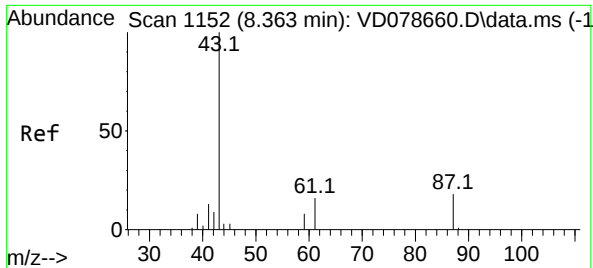
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#42
1,2-Dichloroethane
Concen: 100.725 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

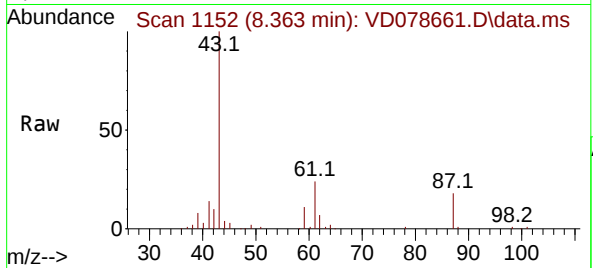
Tgt Ion: 62 Resp: 164855
Ion Ratio Lower Upper
62 100
98 12.5 0.0 23.8





#43
Isopropyl Acetate
Concen: 104.964 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

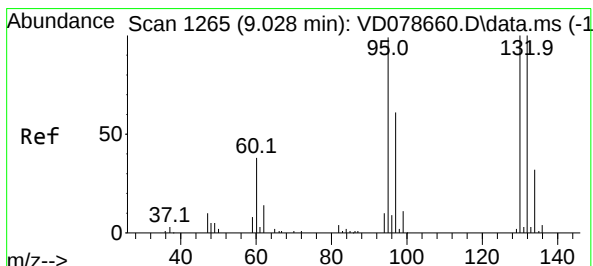
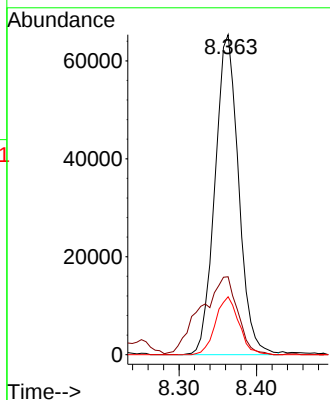
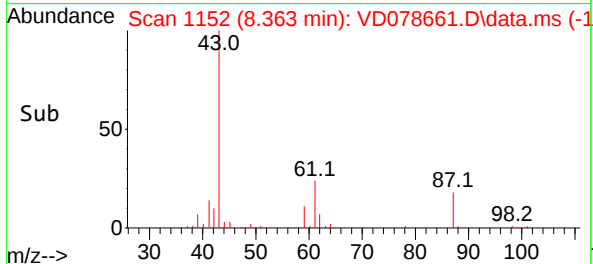
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 13845
Ion Ratio Lower Upper
43 100
61 38.1 30.1 45.1
87 17.9 14.4 21.6

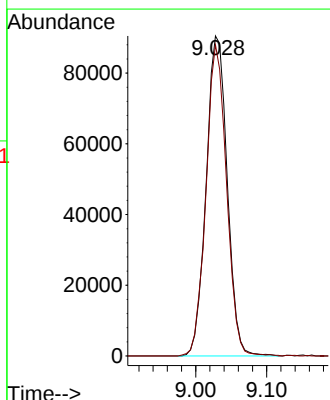
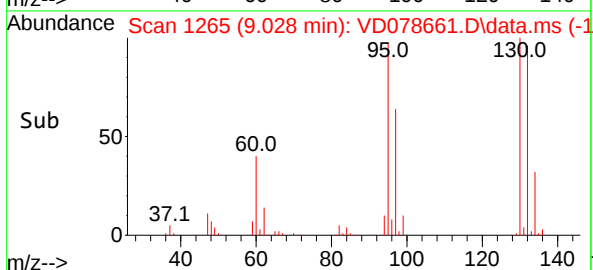
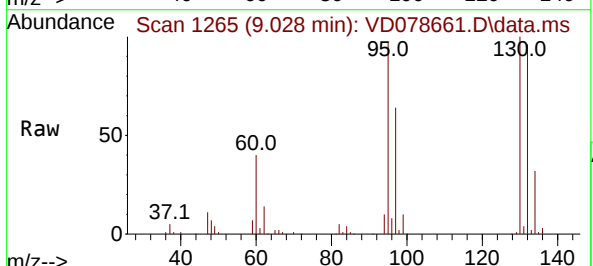
Manual Integrations
APPROVED

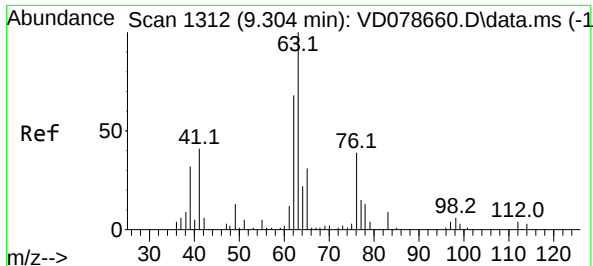
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#44
Trichloroethene
Concen: 102.352 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion:130 Resp: 186417
Ion Ratio Lower Upper
130 100
95 97.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 100.565 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 16010

Ion Ratio Lower Upper

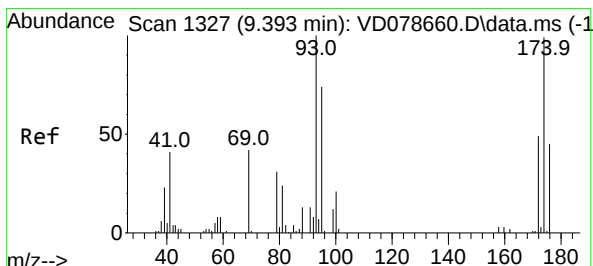
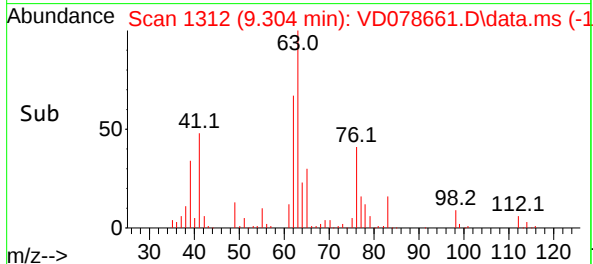
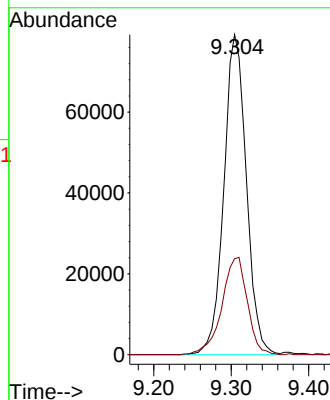
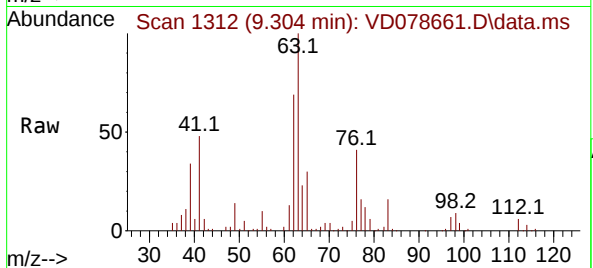
63 100

65 30.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#46

Dibromomethane

Concen: 102.843 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

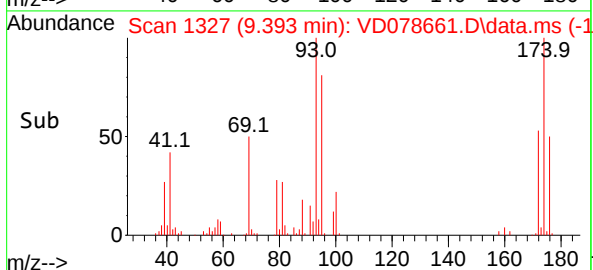
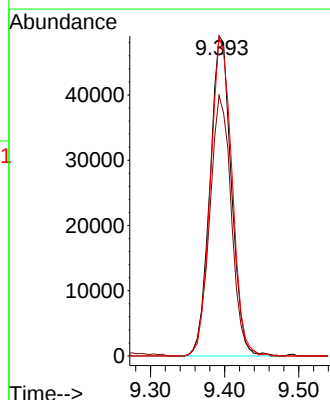
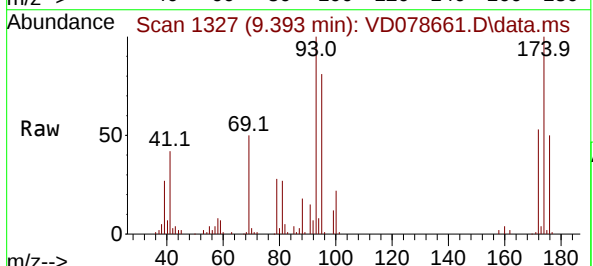
Tgt Ion: 93 Resp: 98149

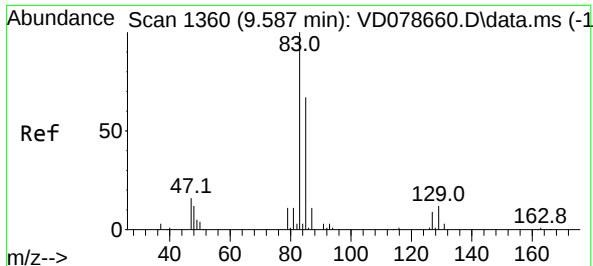
Ion Ratio Lower Upper

93 100

95 82.4 67.3 100.9

174 100.4 80.9 121.3





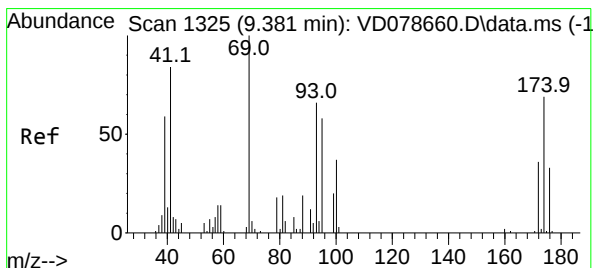
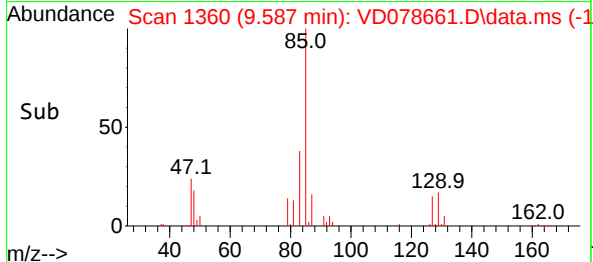
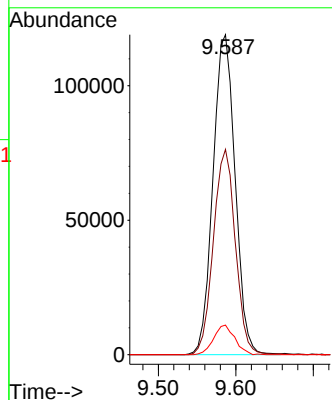
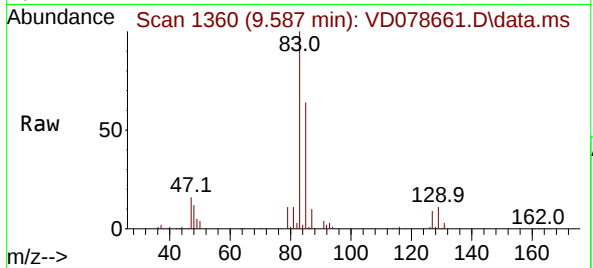
#47
Bromodichloromethane
Concen: 103.861 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 235964
Ion Ratio Lower Upper
83 100
85 64.1 54.0 81.0
127 9.3 7.1 10.7

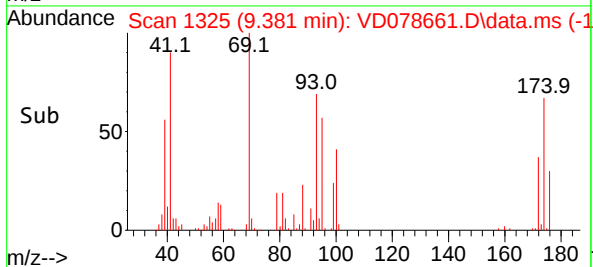
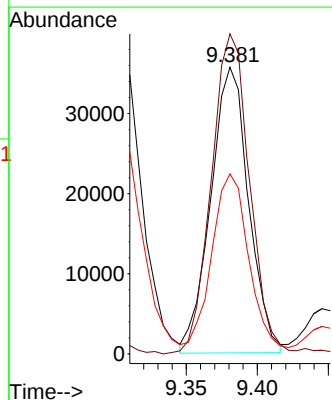
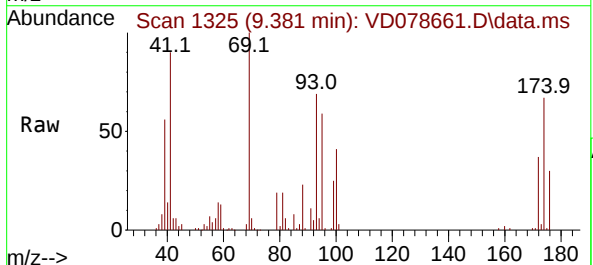
Manual Integrations
APPROVED

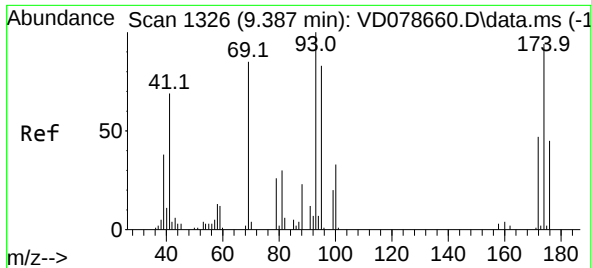
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#48
Methyl methacrylate
Concen: 102.973 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

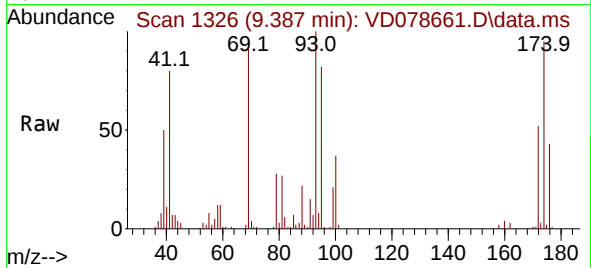
Tgt Ion: 41 Resp: 66181
Ion Ratio Lower Upper
41 100
69 112.7 88.3 132.5
39 63.0 46.6 69.8





#49
1,4-Dioxane
Concen: 2289.639 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

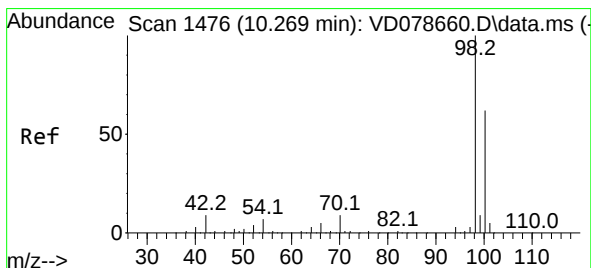
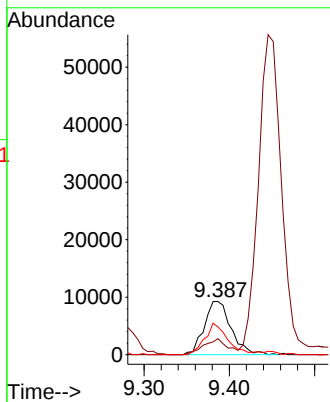
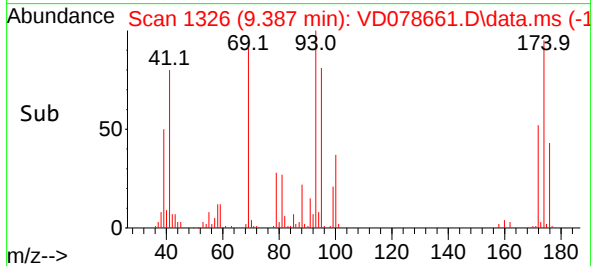
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 2023
Ion Ratio Lower Upper
88 100
43 26.7 23.2 34.8
58 50.0 51.0 76.6

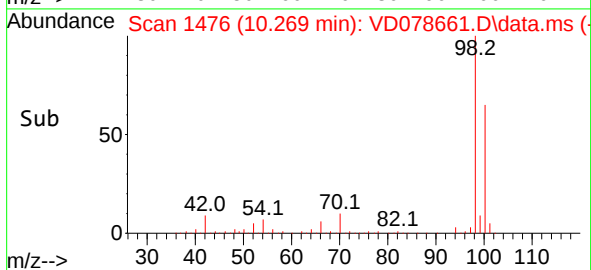
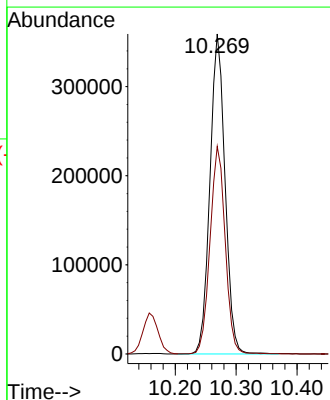
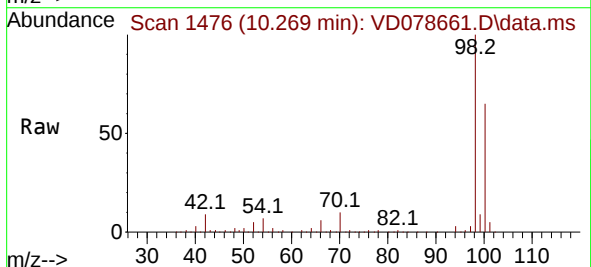
Manual Integrations
APPROVED

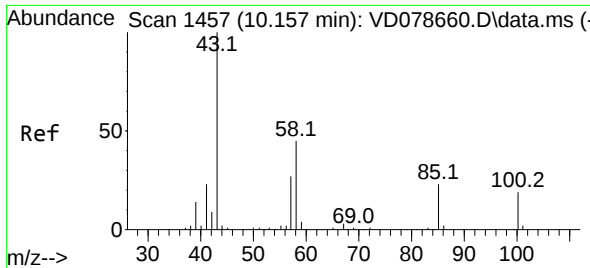
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#50
Toluene-d8
Concen: 109.788 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion: 98 Resp: 617834
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7





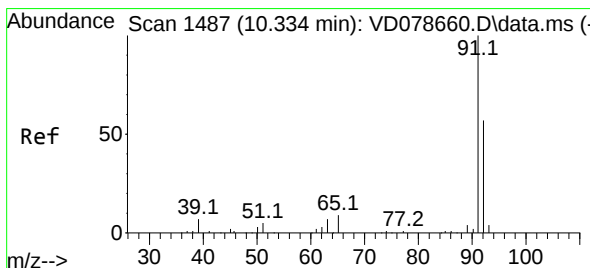
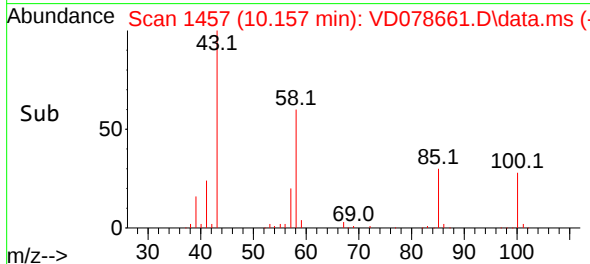
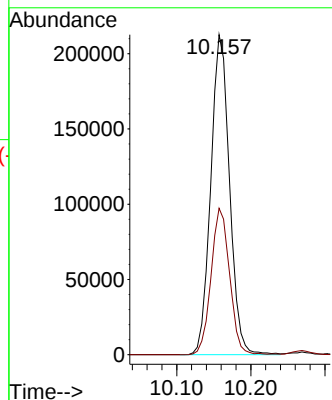
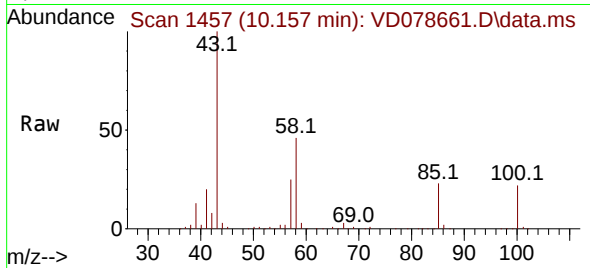
#51
4-Methyl-2-Pentanone
Concen: 542.497 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 37409
Ion Ratio Lower Upper
43 100
58 45.2 36.4 54.6

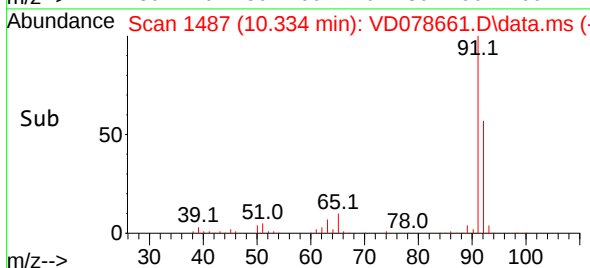
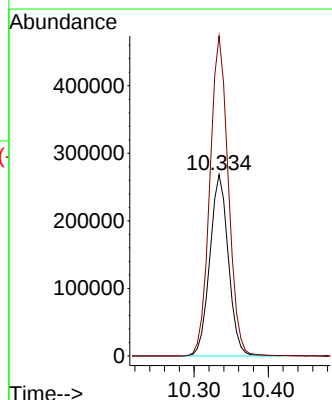
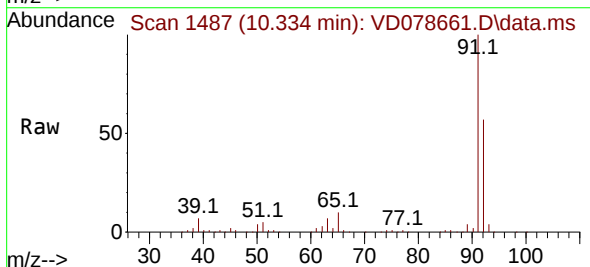
Manual Integrations
APPROVED

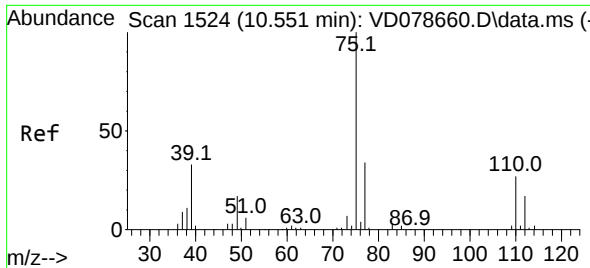
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#52
Toluene
Concen: 107.522 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion: 92 Resp: 464584
Ion Ratio Lower Upper
92 100
91 176.6 136.6 205.0





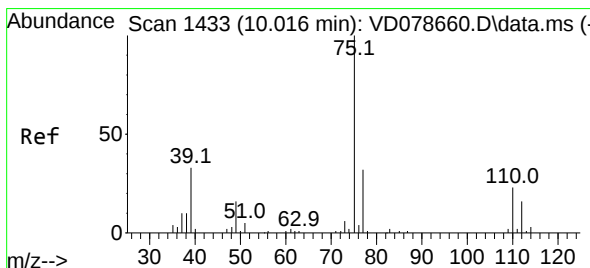
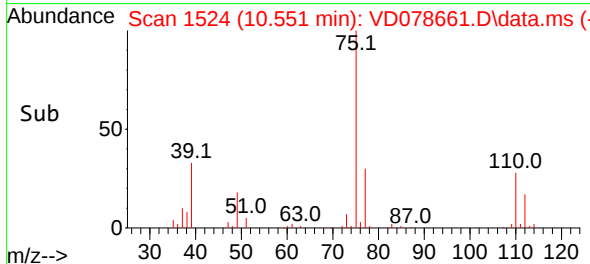
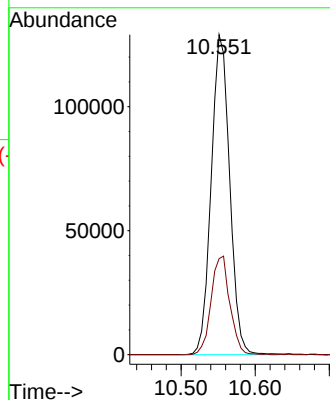
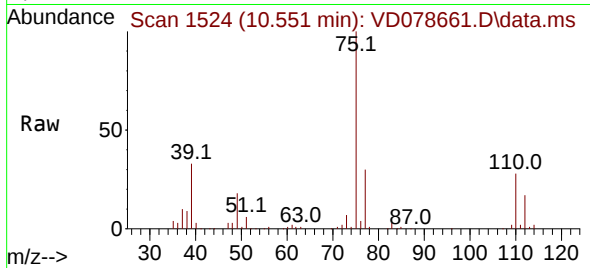
#53
t-1,3-Dichloropropene
Concen: 107.462 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 223225
Ion Ratio Lower Upper
75 100
77 30.0 27.1 40.7

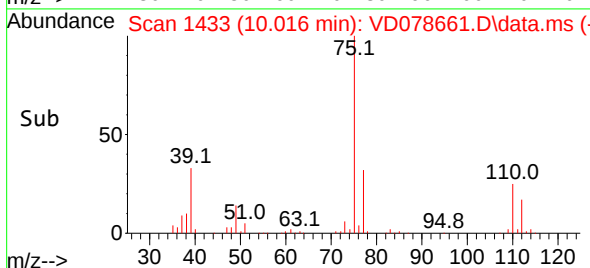
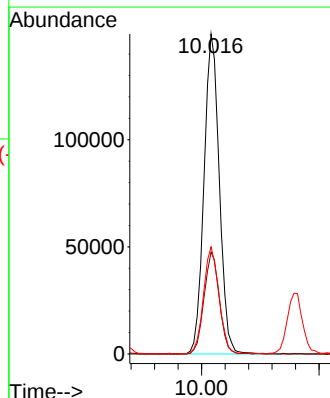
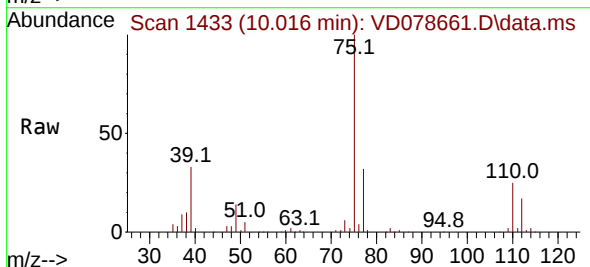
Manual Integrations
APPROVED

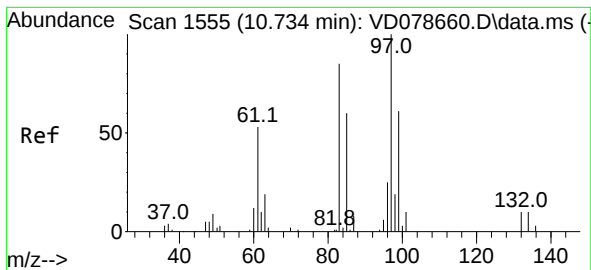
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#54
cis-1,3-Dichloropropene
Concen: 108.241 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

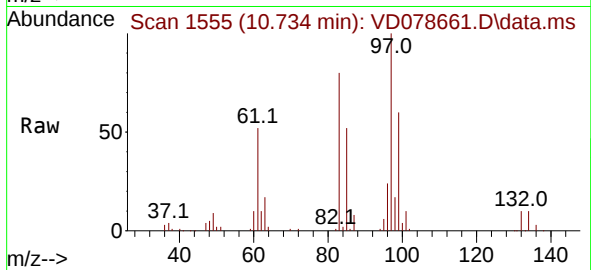
Tgt Ion: 75 Resp: 270296
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 33.3 26.7 40.1





#55
1,1,2-Trichloroethane
Concen: 103.567 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

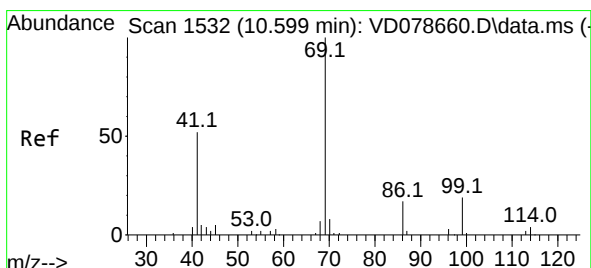
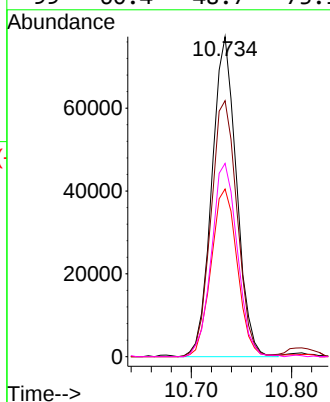
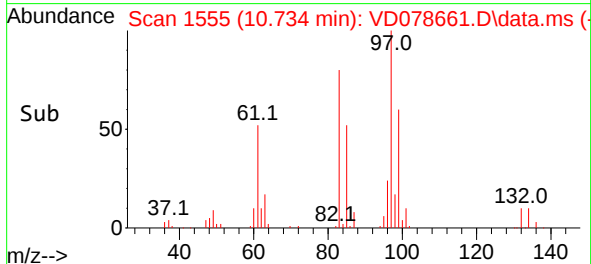
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



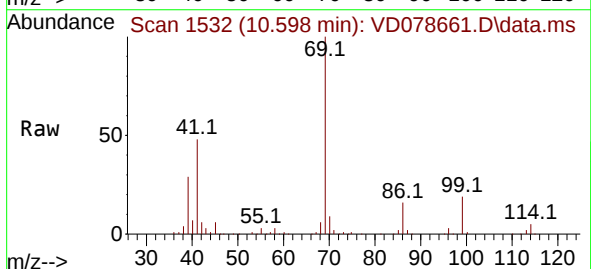
Tgt Ion: 97 Resp: 132359
Ion Ratio Lower Upper
97 100
83 80.0 68.1 102.1
85 52.4 48.2 72.2
99 60.4 48.7 73.1

Manual Integrations
APPROVED

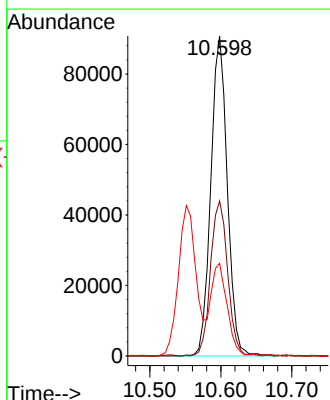
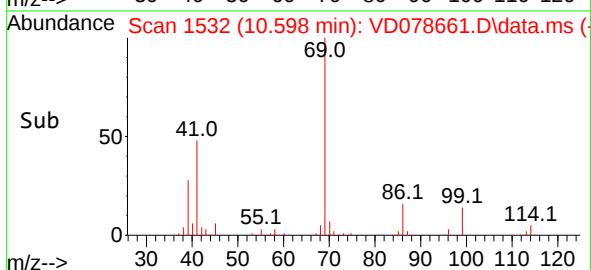
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

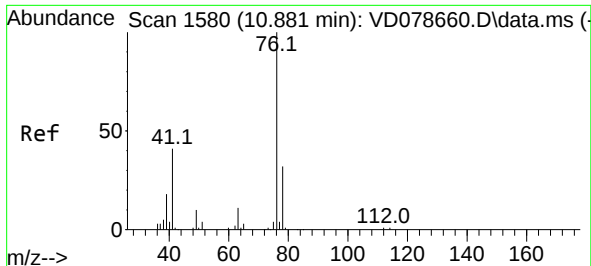


#56
Ethyl methacrylate
Concen: 114.078 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



Tgt Ion: 69 Resp: 146153
Ion Ratio Lower Upper
69 100
41 50.7 40.9 61.3
39 29.8 25.5 38.3





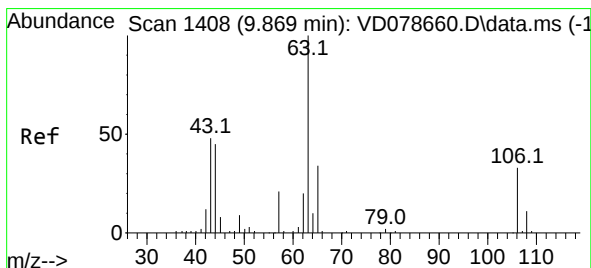
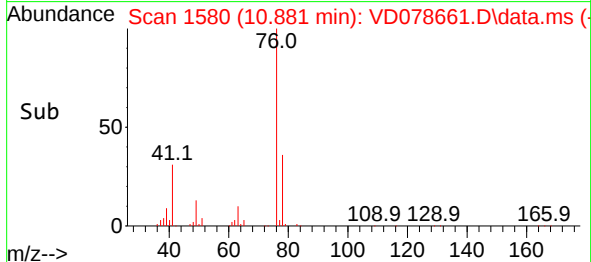
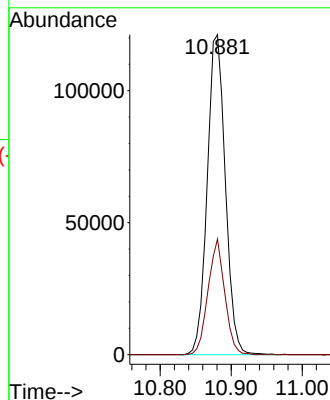
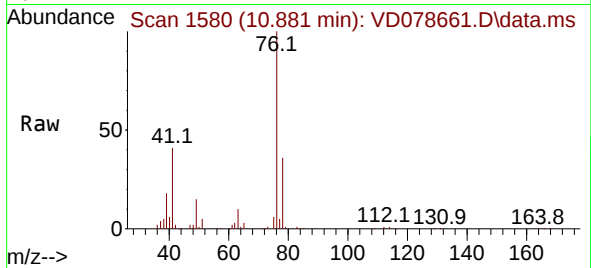
#57
1,3-Dichloropropane
Concen: 104.476 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument : MSVOA_D
ClientSampleId : VSTDIC100

Tgt Ion: 76 Resp: 21544
Ion Ratio Lower Upper
76 100
78 33.3 26.8 40.2

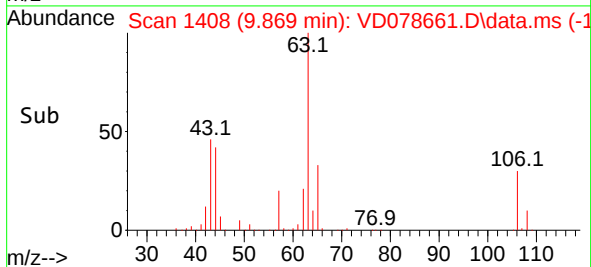
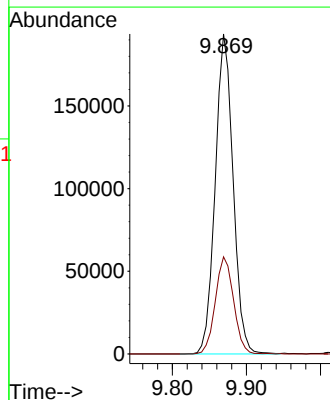
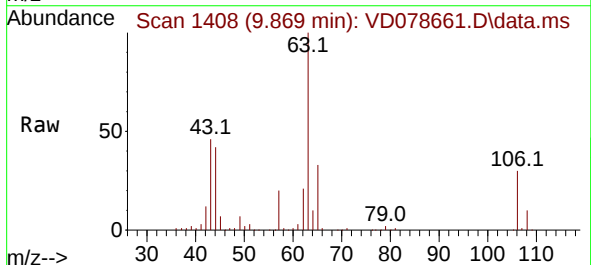
Manual Integrations
APPROVED

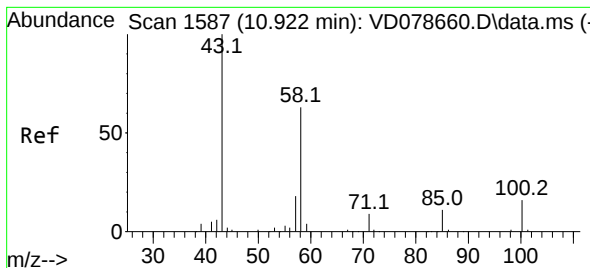
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 573.699 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion: 63 Resp: 324093
Ion Ratio Lower Upper
63 100
106 31.0 25.2 37.8





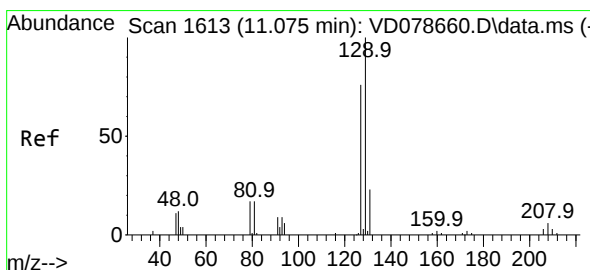
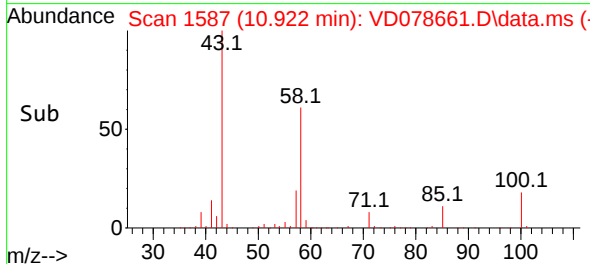
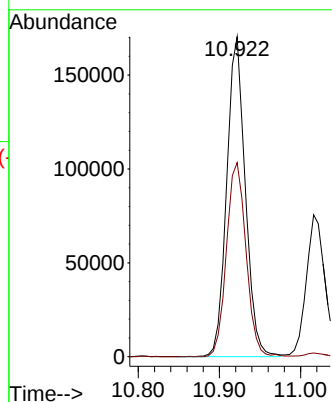
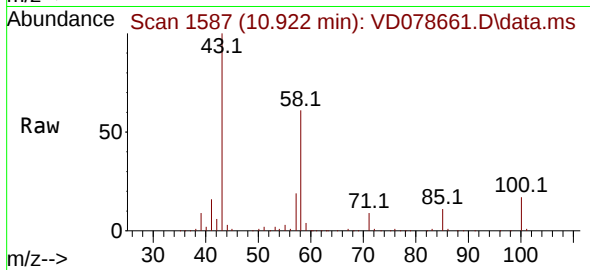
#59
2-Hexanone
Concen: 530.216 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 27104
Ion Ratio Lower Upper
43 100
58 63.9 31.5 94.5

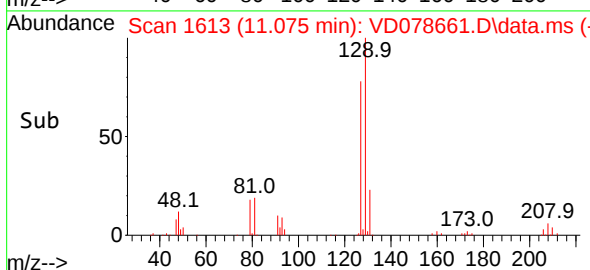
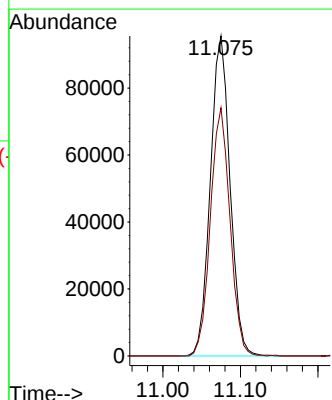
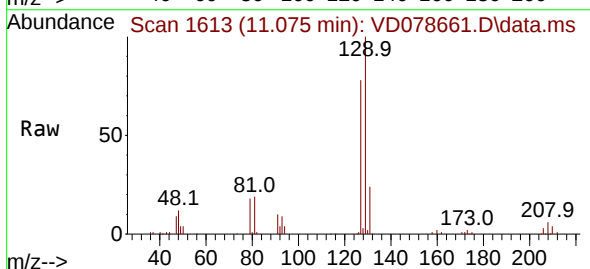
Manual Integrations
APPROVED

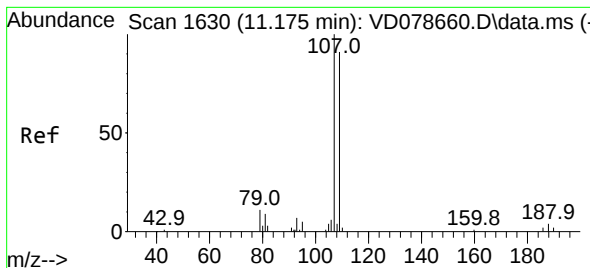
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#60
Dibromochloromethane
Concen: 107.153 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion:129 Resp: 168880
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





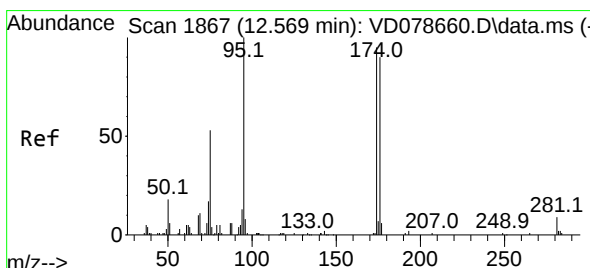
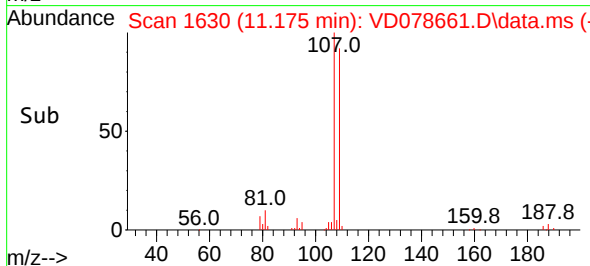
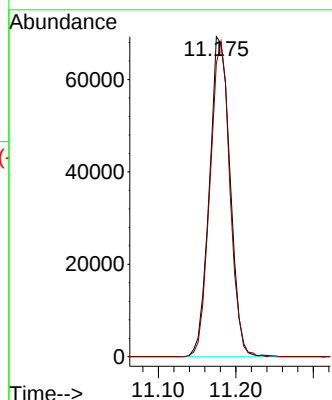
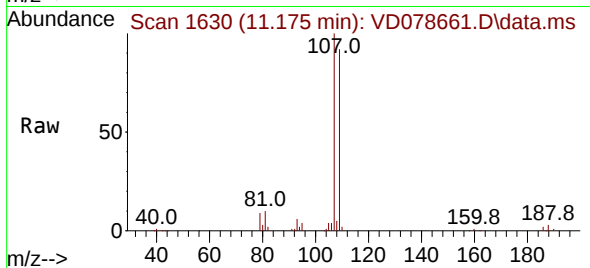
#61
1,2-Dibromoethane
Concen: 103.852 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 128444
Ion Ratio Lower Upper
107 100
109 94.9 74.8 112.2

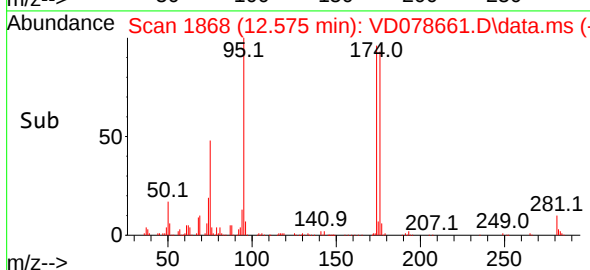
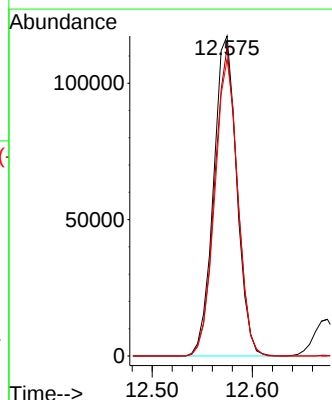
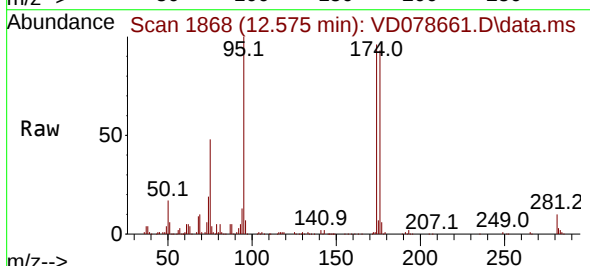
Manual Integrations
APPROVED

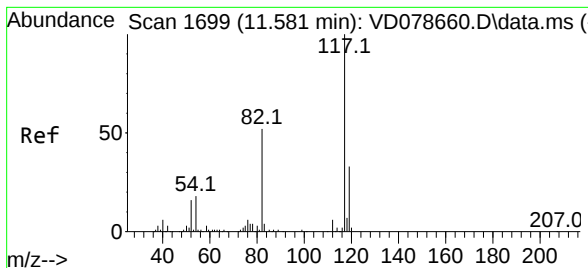
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#62
4-Bromofluorobenzene
Concen: 114.414 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

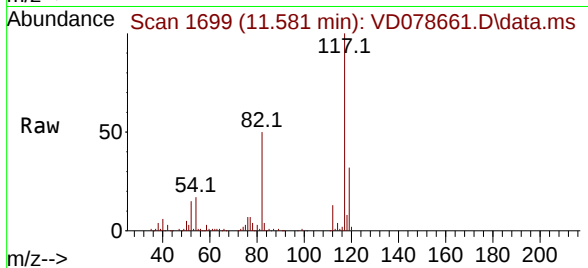
Tgt Ion: 95 Resp: 188366
Ion Ratio Lower Upper
95 100
174 94.5 0.0 195.2
176 92.1 0.0 188.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

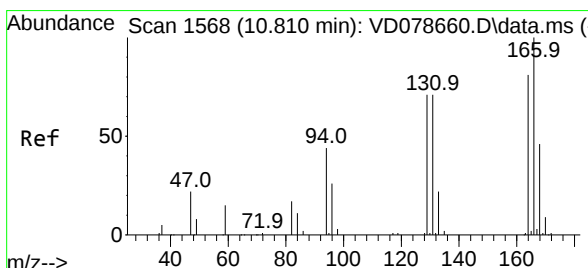
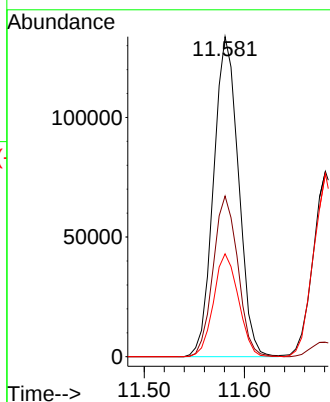
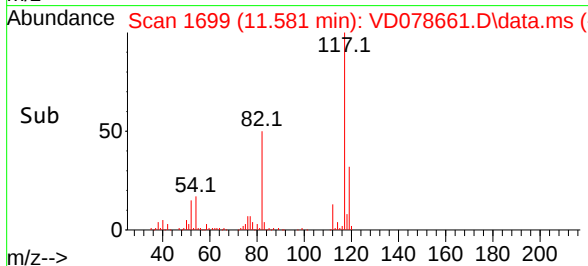
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



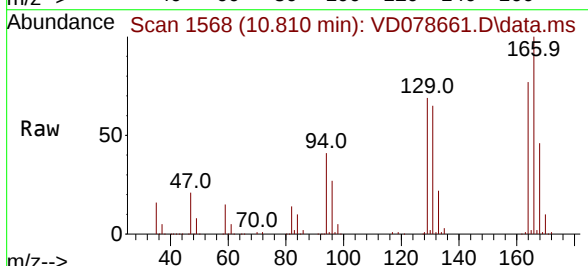
Tgt Ion:117 Resp: 230898
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.2
119 32.2 26.5 39.7

Manual Integrations
APPROVED

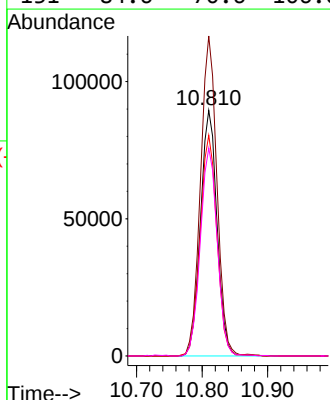
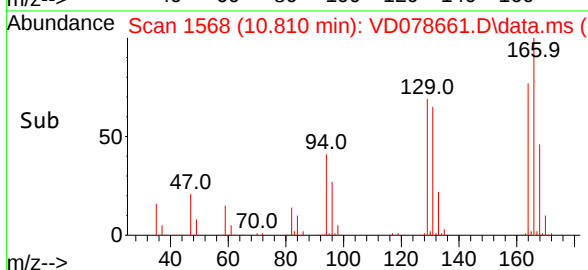
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

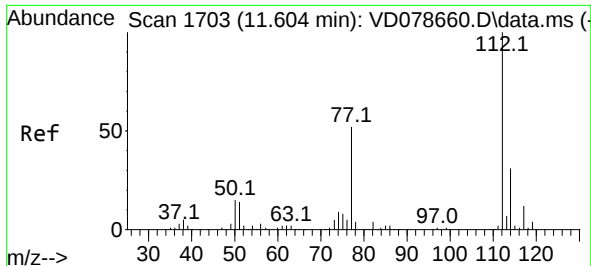


#64
Tetrachloroethene
Concen: 103.325 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



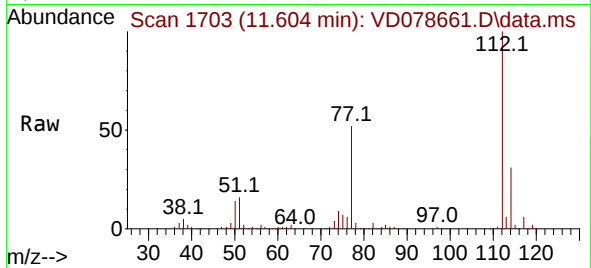
Tgt Ion:164 Resp: 157879
Ion Ratio Lower Upper
164 100
166 130.3 98.9 148.3
129 89.8 70.3 105.5
131 84.6 70.6 106.0





#65
Chlorobenzene
Concen: 102.121 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

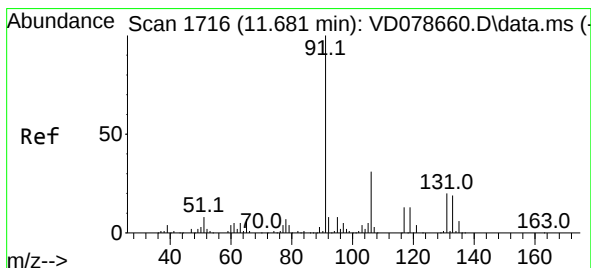
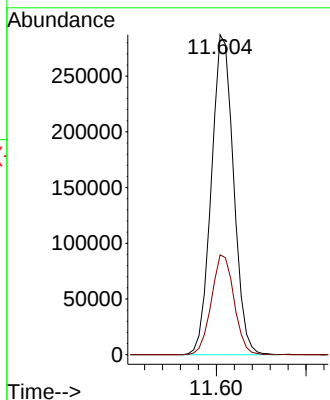
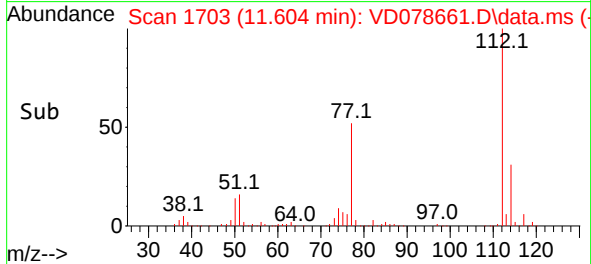
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



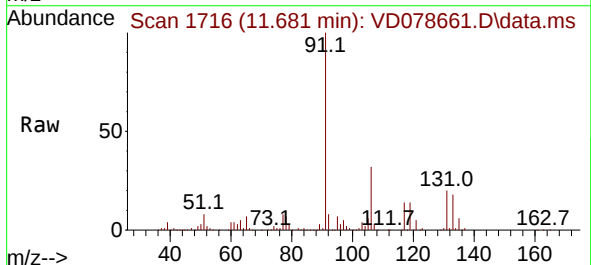
Tgt Ion:112 Resp: 492739
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6

Manual Integrations
APPROVED

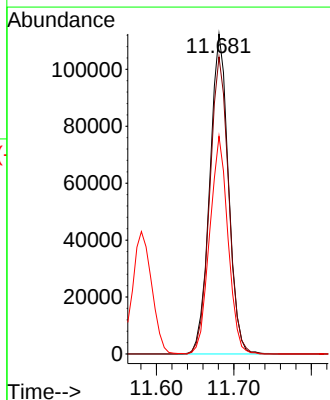
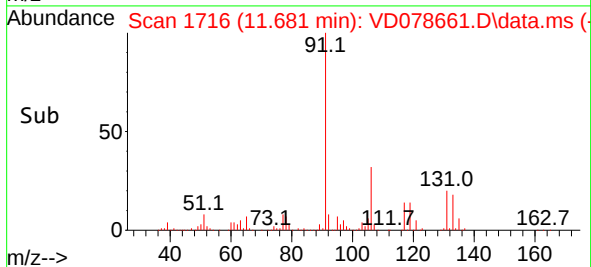
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

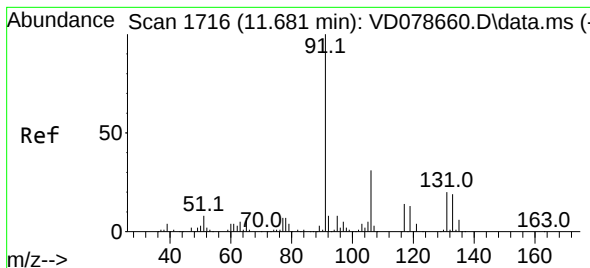


#66
1,1,1,2-Tetrachloroethane
Concen: 106.283 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



Tgt Ion:131 Resp: 187809
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.9
119 66.7 34.1 102.3





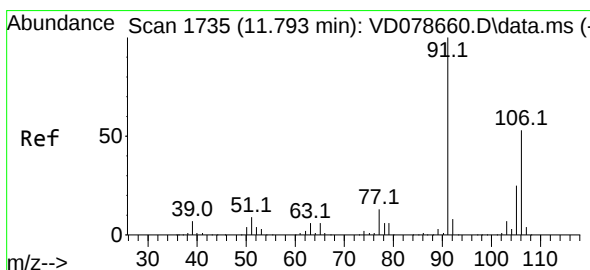
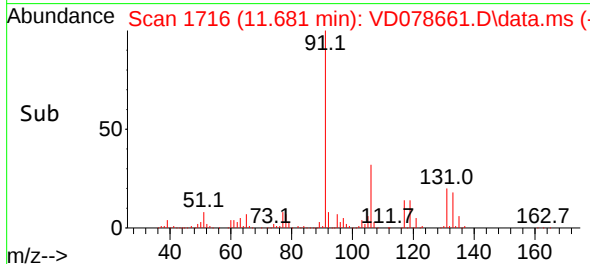
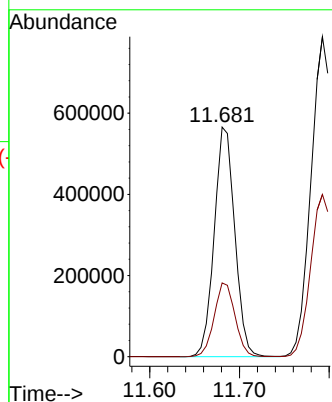
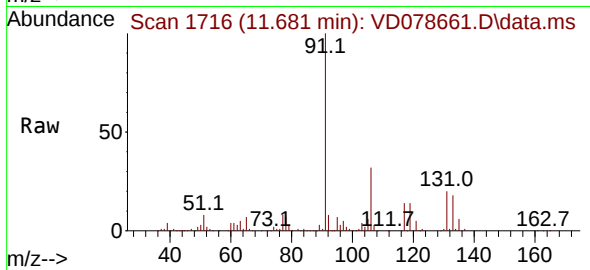
#67
Ethyl Benzene
Concen: 109.490 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 900240
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

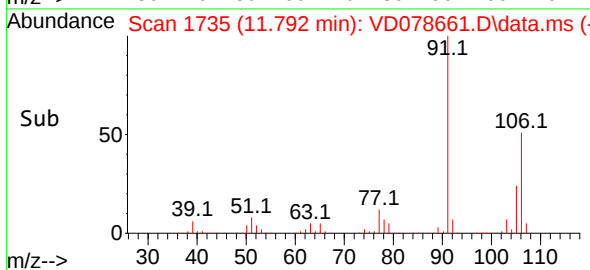
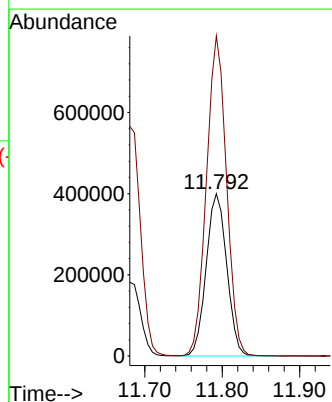
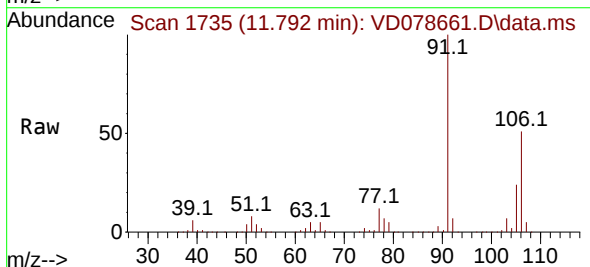
Manual Integrations
APPROVED

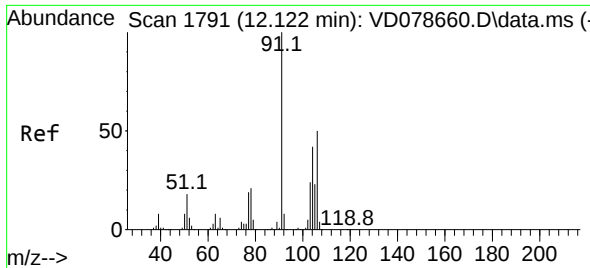
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#68
m/p-Xylenes
Concen: 220.605 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion:106 Resp: 736552
Ion Ratio Lower Upper
106 100
91 192.6 154.4 231.6





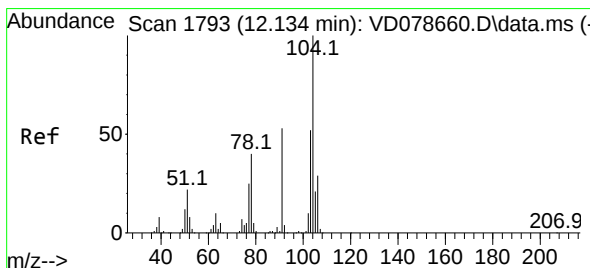
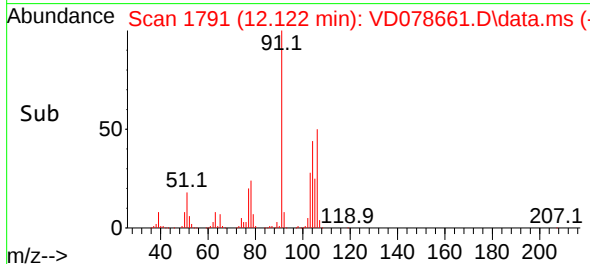
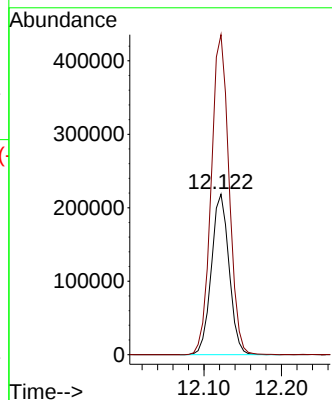
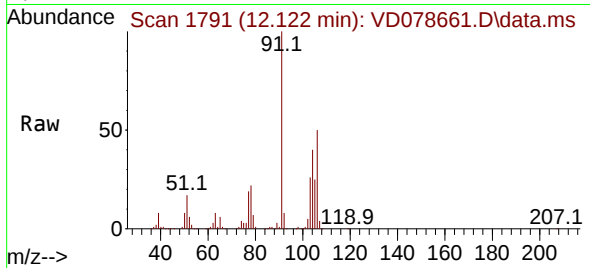
#69
o-Xylene
Concen: 111.929 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 34576
Ion Ratio Lower Upper
106 100
91 201.5 99.6 298.7

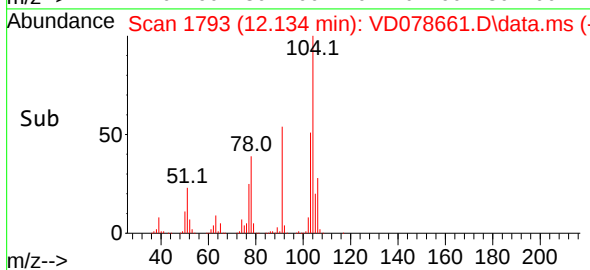
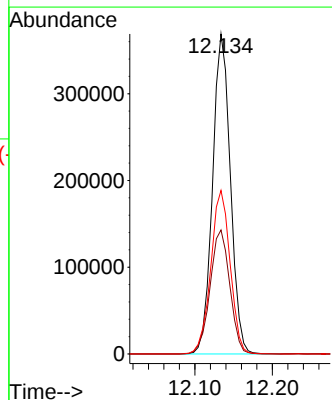
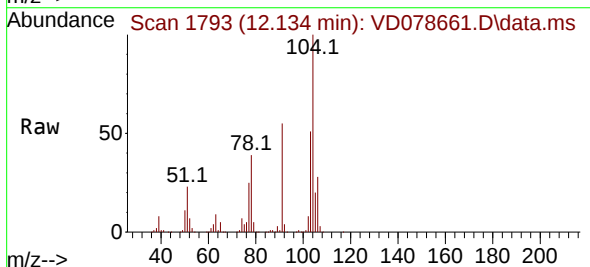
Manual Integrations
APPROVED

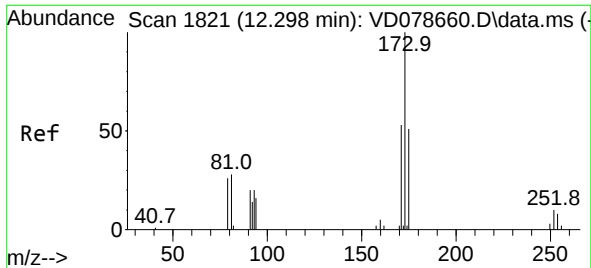
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#70
Styrene
Concen: 113.741 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

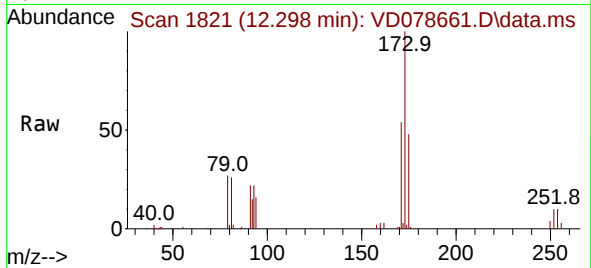
Tgt Ion:104 Resp: 589745
Ion Ratio Lower Upper
104 100
78 42.9 34.6 52.0
103 55.4 44.2 66.2





#71
Bromoform
Concen: 105.946 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

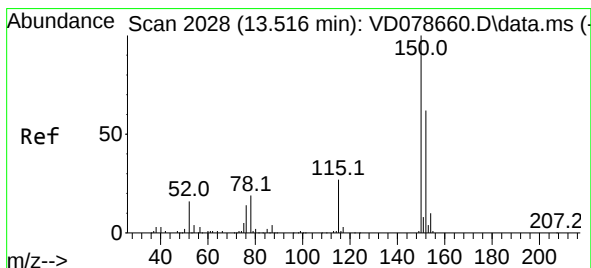
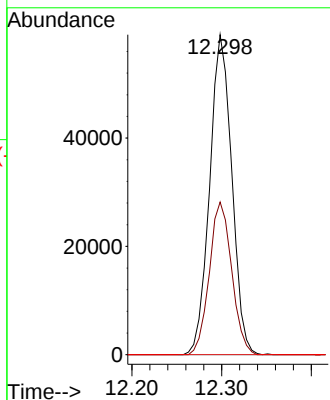
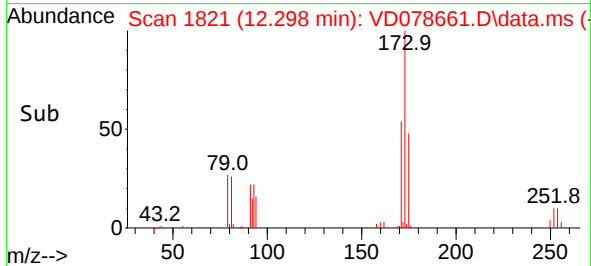
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 101174
Ion Ratio Lower Upper
173 100
175 48.3 25.8 77.4
254 0.0 0.0 0.0

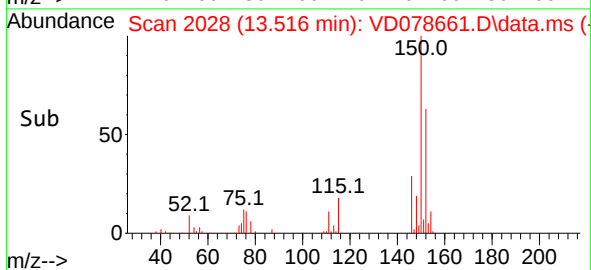
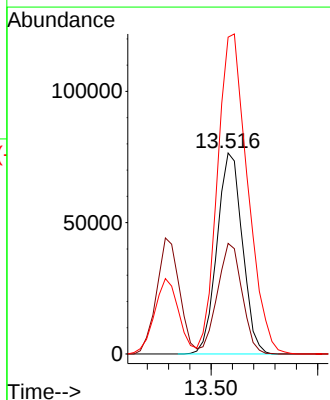
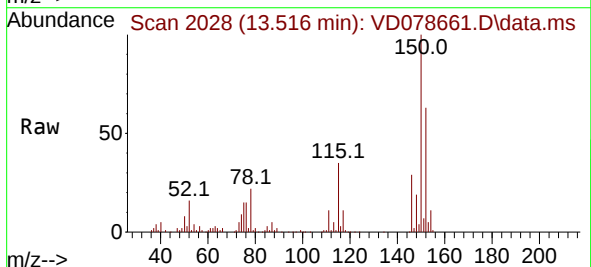
Manual Integrations
APPROVED

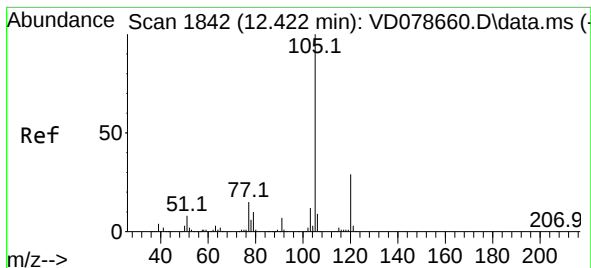
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion:152 Resp: 126251
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 189.3 0.0 350.2





#73

Isopropylbenzene

Concen: 105.168 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 87420

Ion Ratio Lower Upper

105 100

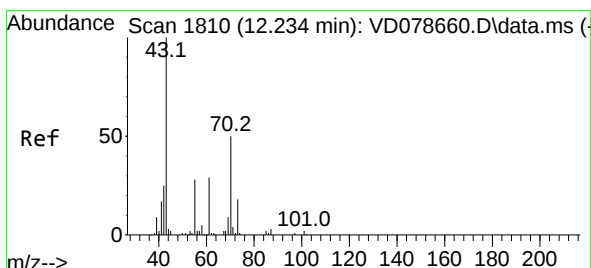
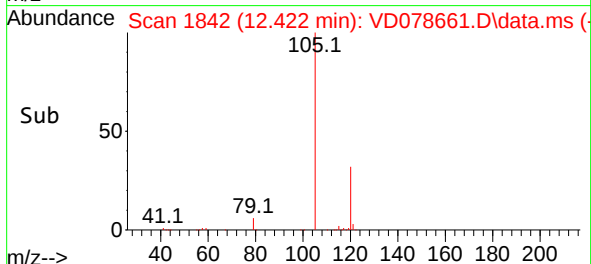
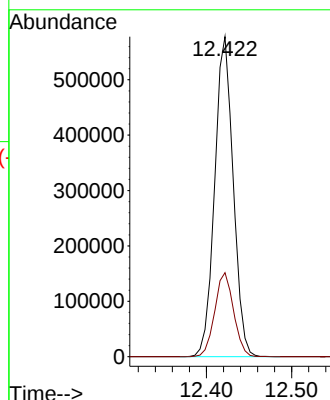
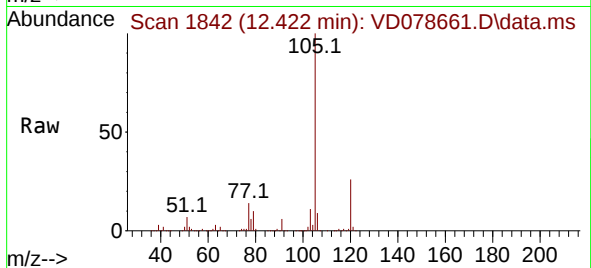
120 26.7 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#74

N-ethyl acetate

Concen: 102.416 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Tgt Ion: 43 Resp: 138221

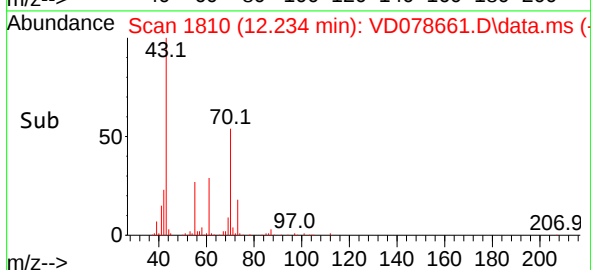
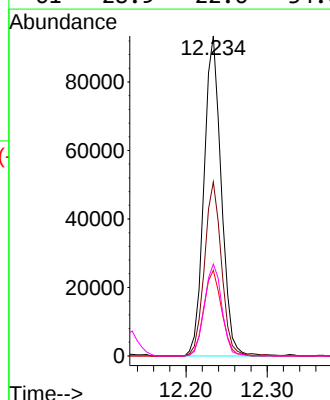
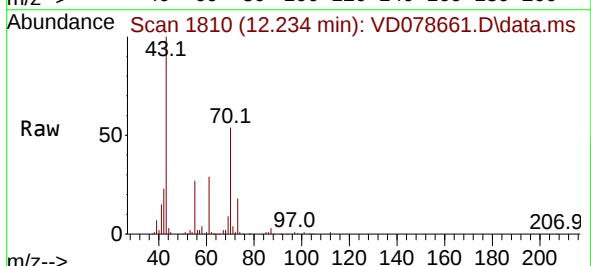
Ion Ratio Lower Upper

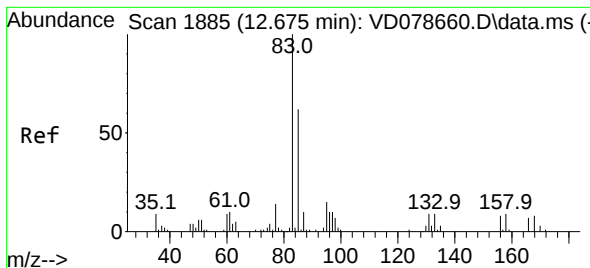
43 100

70 53.0 42.1 63.1

55 27.6 22.6 33.8

61 28.9 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 94.522 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 145449

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

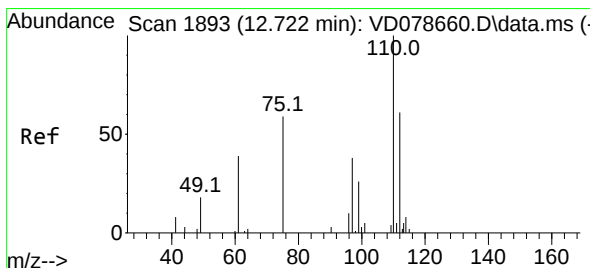
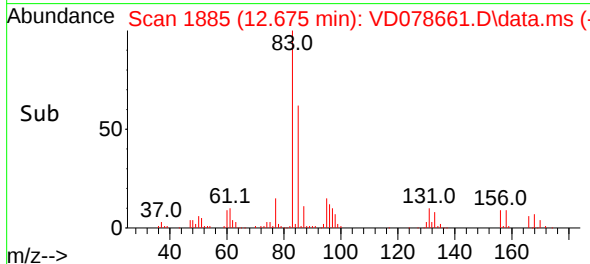
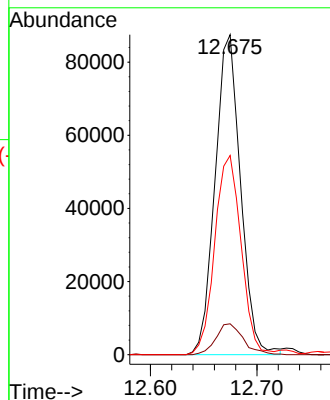
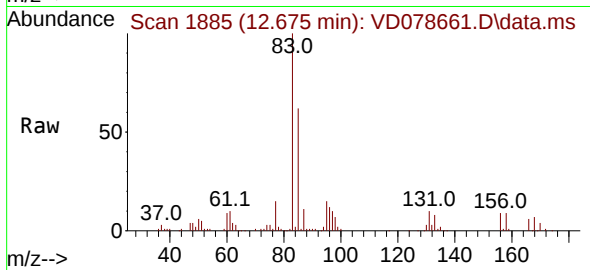
85 64.3 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#76

1,2,3-Trichloropropane

Concen: 96.923 ug/l m

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078661.D

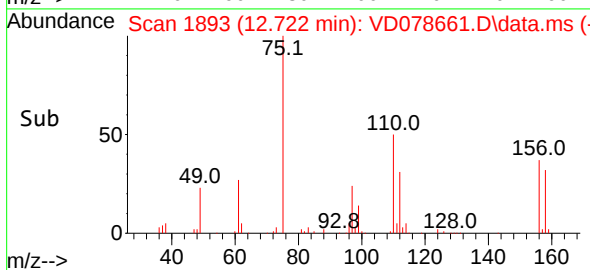
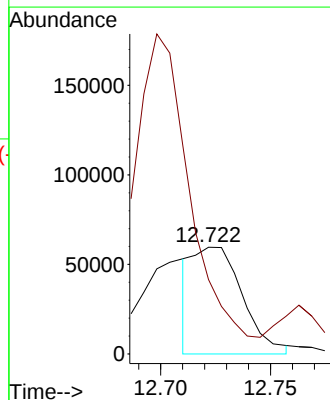
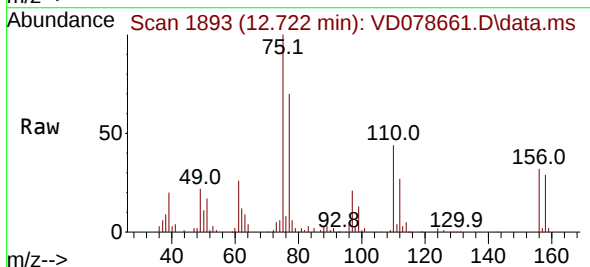
Acq: 14 Mar 2024 11:49

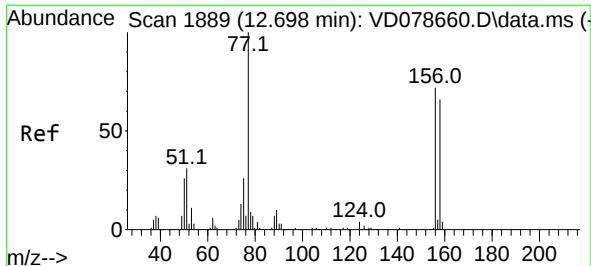
Tgt Ion: 75 Resp: 94085

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





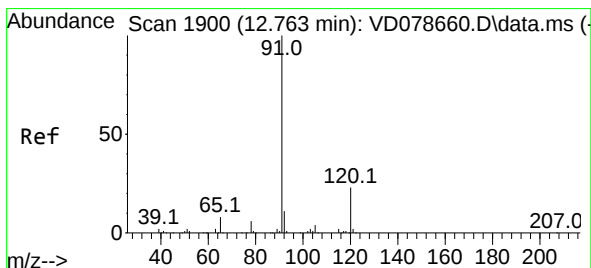
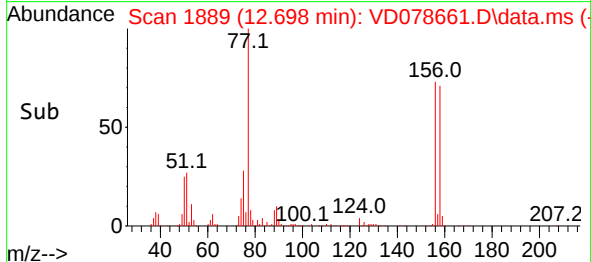
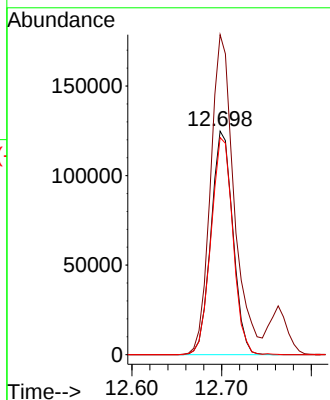
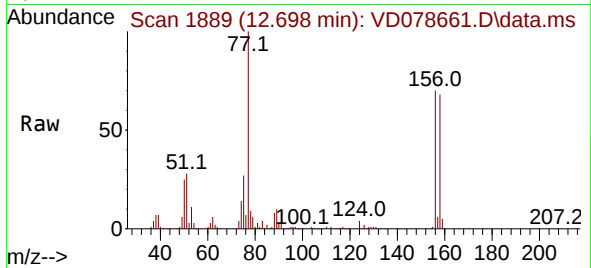
#77
Bromobenzene
Concen: 102.424 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 21114
Ion Ratio Lower Upper
156 100
77 154.6 79.1 237.3
158 97.2 47.0 141.0

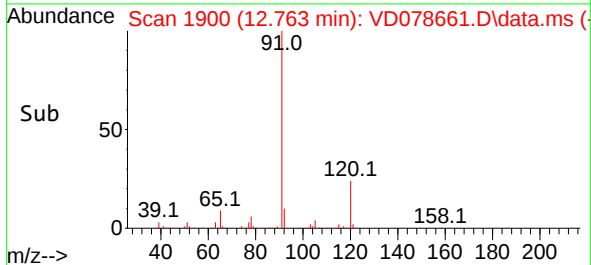
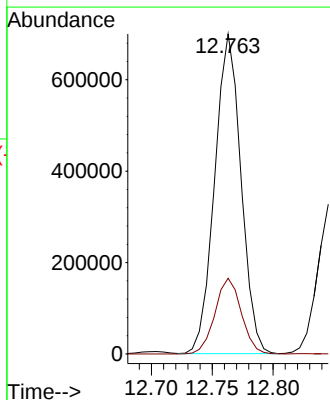
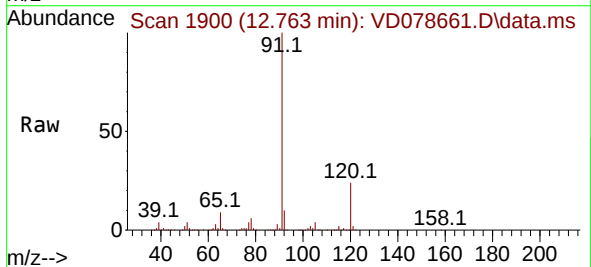
Manual Integrations
APPROVED

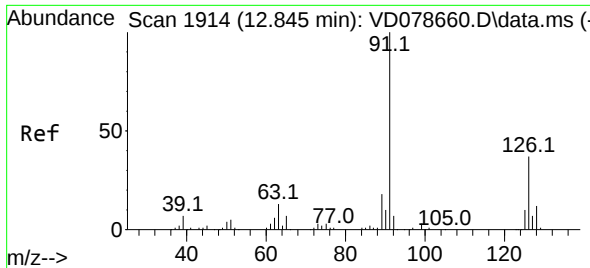
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#78
n-propylbenzene
Concen: 104.055 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion: 91 Resp: 1052849
Ion Ratio Lower Upper
91 100
120 23.6 11.7 35.1





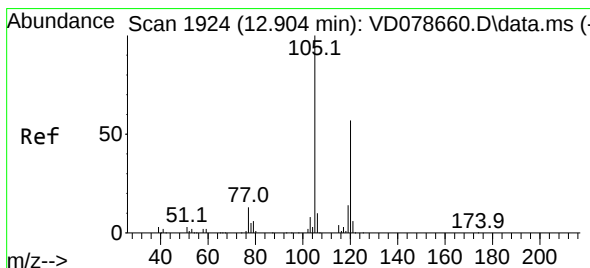
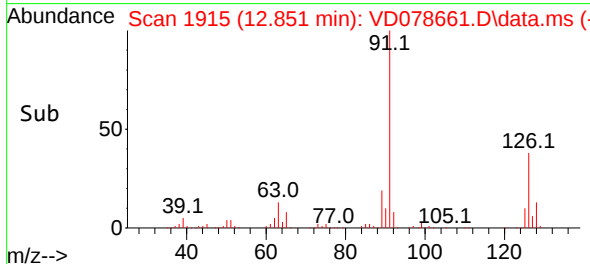
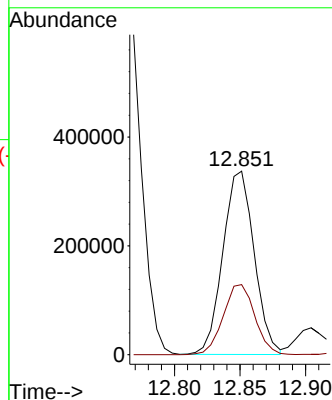
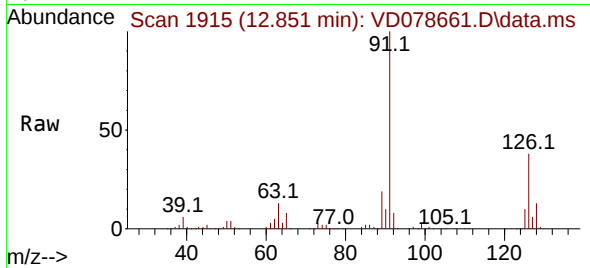
#79
2-Chlorotoluene
Concen: 100.961 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 560400
Ion Ratio Lower Upper
91 100
126 38.6 19.4 58.1

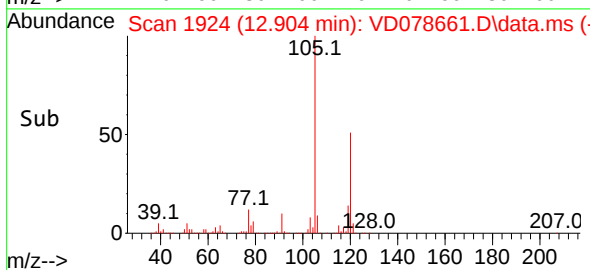
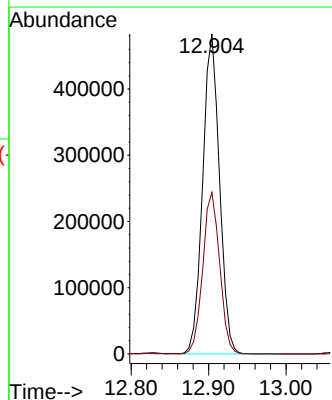
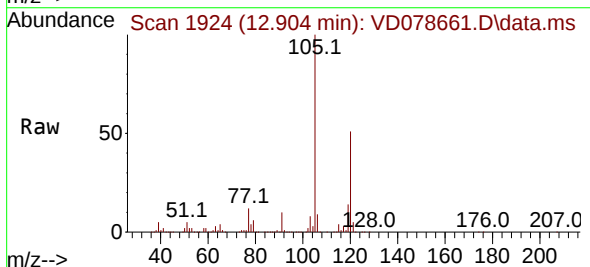
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APPROVED

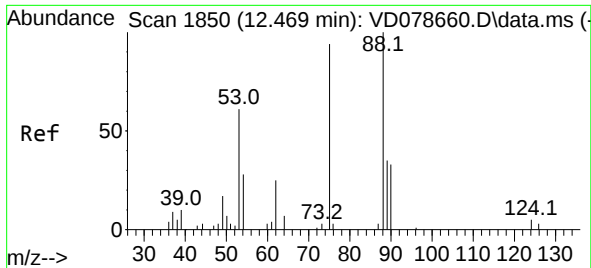
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 105.838 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion:105 Resp: 727520
Ion Ratio Lower Upper
105 100
120 50.8 25.9 77.7





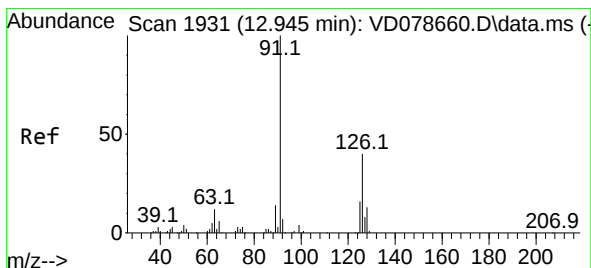
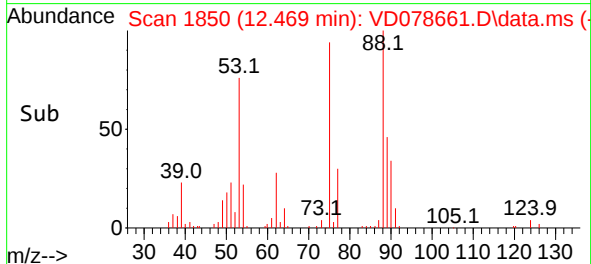
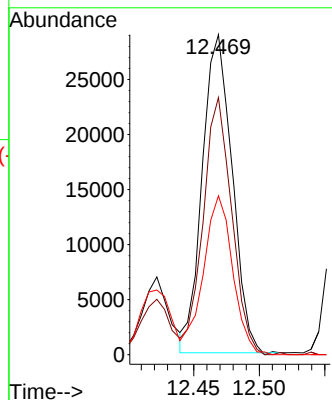
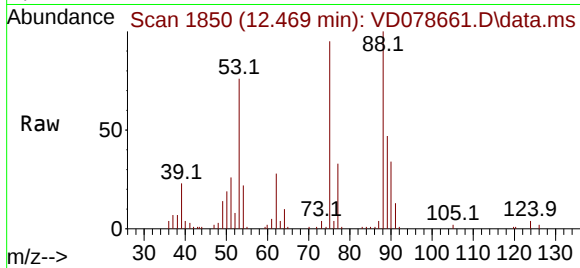
#81
trans-1,4-Dichloro-2-butene
Concen: 98.487 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 4570
Ion Ratio Lower Upper
75 100
53 77.7 61.0 91.6
89 49.3 35.4 53.0

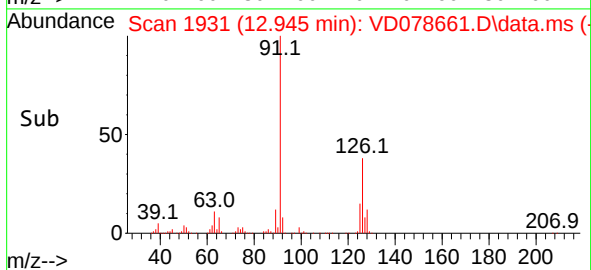
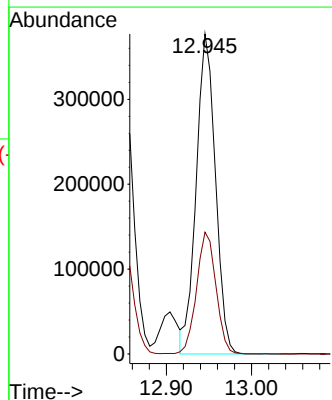
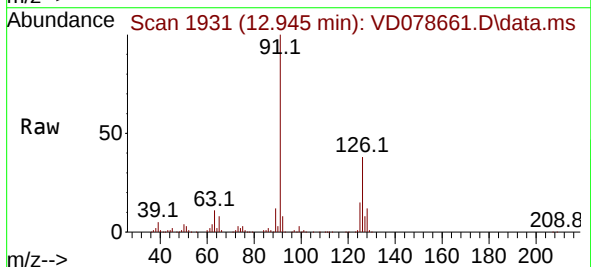
Manual Integrations
APPROVED

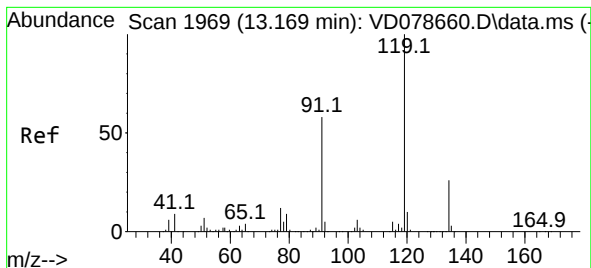
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#82
4-Chlorotoluene
Concen: 100.366 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion: 91 Resp: 589247
Ion Ratio Lower Upper
91 100
126 38.6 18.9 56.5





#83

tert-Butylbenzene

Concen: 108.108 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:119 Resp: 64076

Ion Ratio Lower Upper

119 100

91 57.0 28.9 86.7

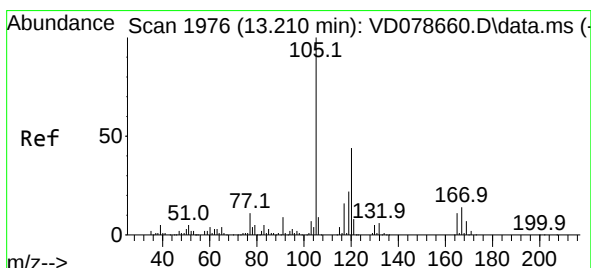
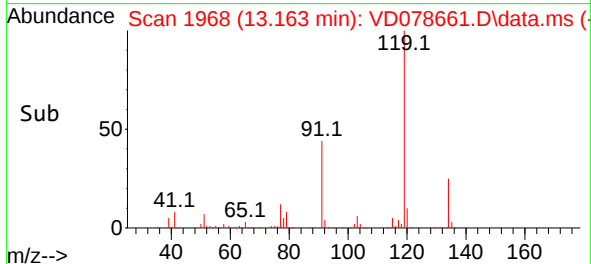
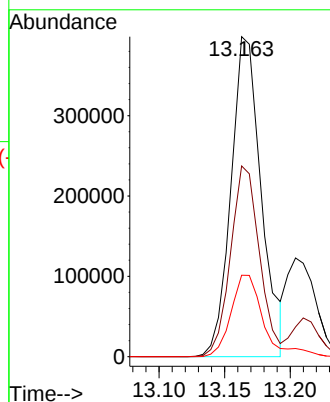
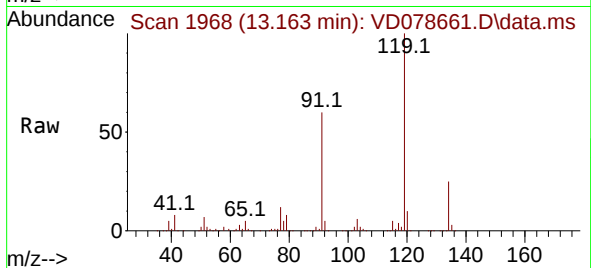
134 27.3 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 107.882 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078661.D

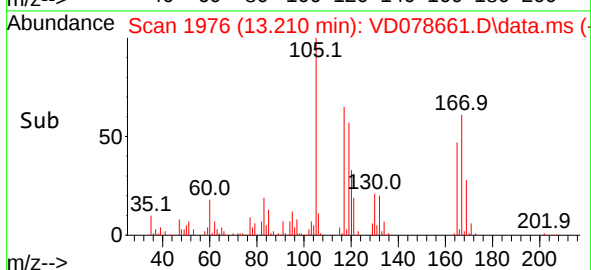
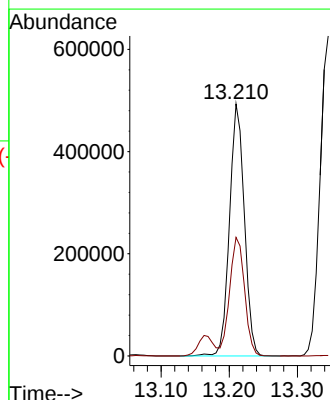
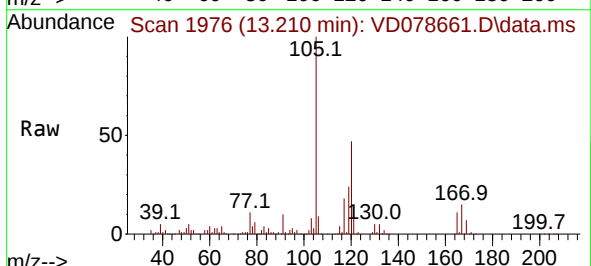
Acq: 14 Mar 2024 11:49

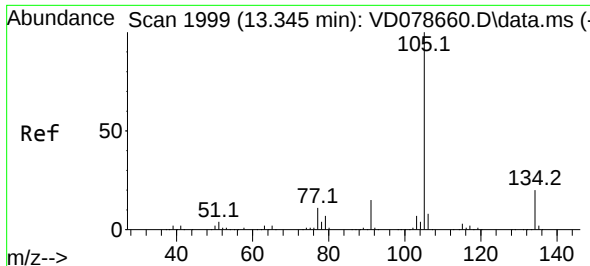
Tgt Ion:105 Resp: 747329

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2





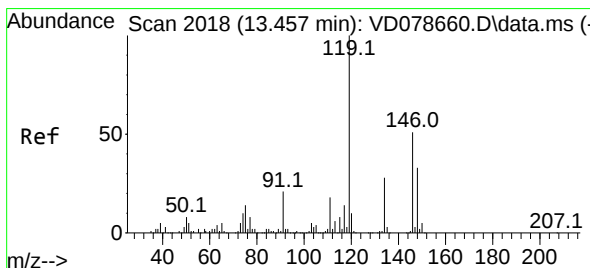
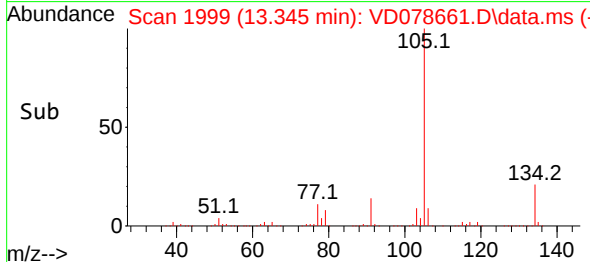
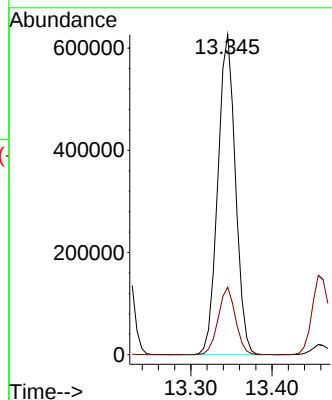
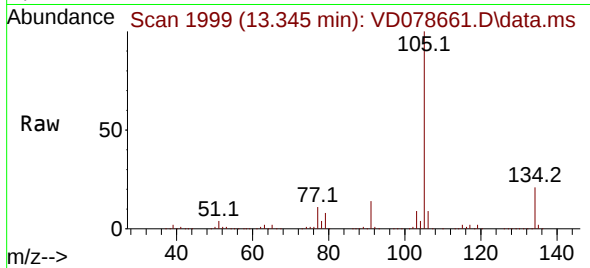
#85
 sec-Butylbenzene
 Concen: 105.336 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078661.D
 Acq: 14 Mar 2024 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 94482
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2

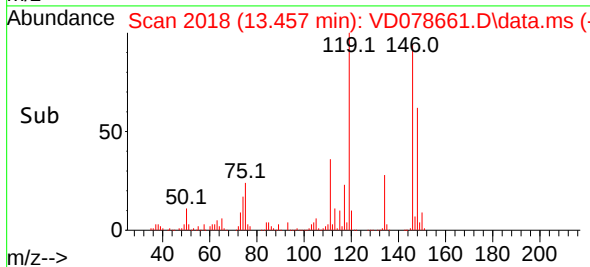
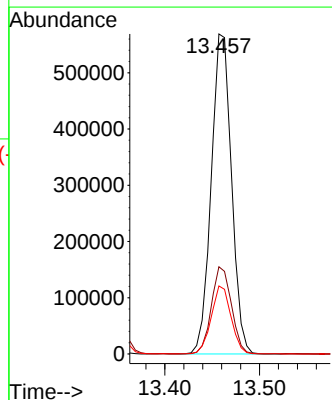
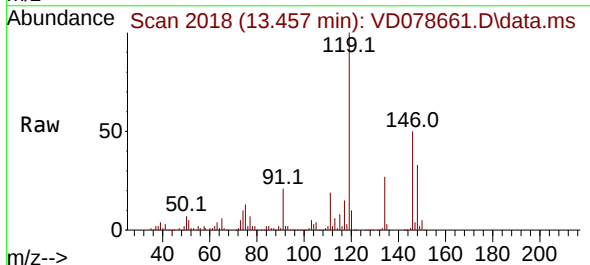
Manual Integrations
 APPROVED

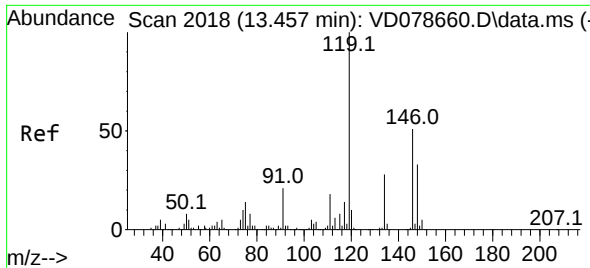
Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024



#86
 p-Isopropyltoluene
 Concen: 109.797 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD078661.D
 Acq: 14 Mar 2024 11:49

Tgt Ion:119 Resp: 843089
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 20.7 10.4 31.2





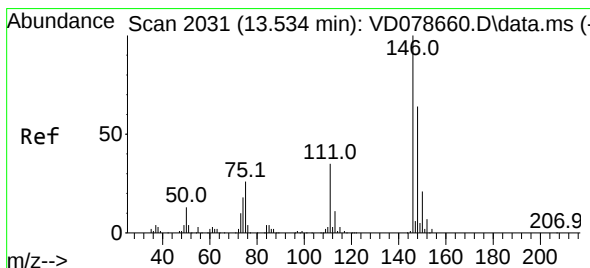
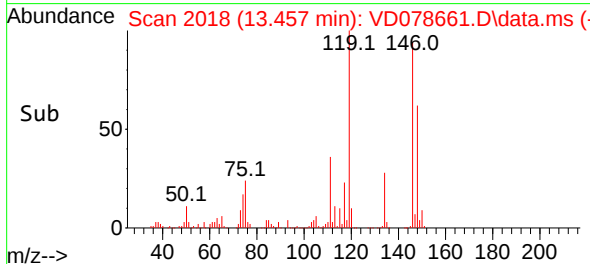
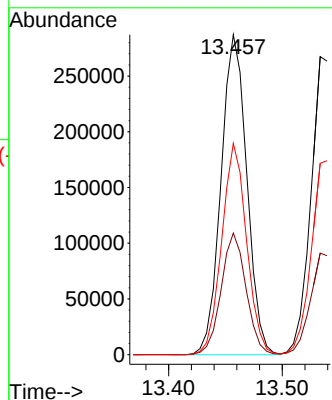
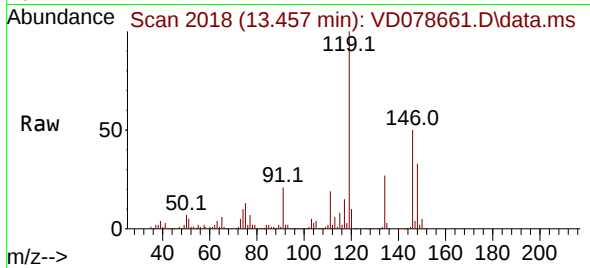
#87
1,3-Dichlorobenzene
Concen: 104.120 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 452940
Ion Ratio Lower Upper
146 100
111 36.8 18.2 54.6
148 63.6 31.1 93.5

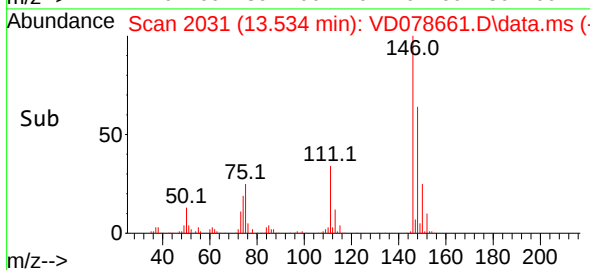
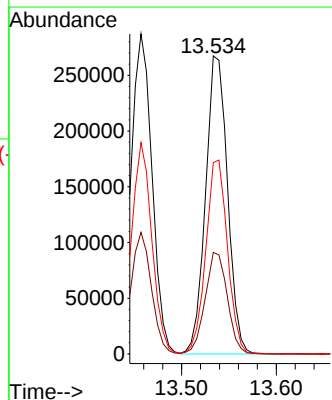
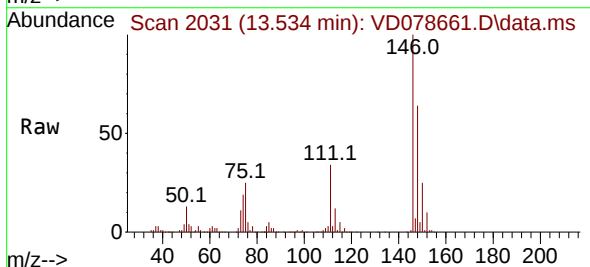
Manual Integrations
APPROVED

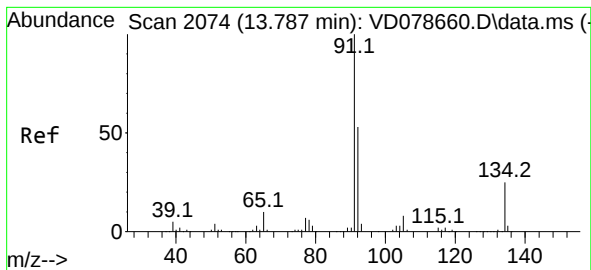
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#88
1,4-Dichlorobenzene
Concen: 100.495 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

Tgt Ion:146 Resp: 430848
Ion Ratio Lower Upper
146 100
111 34.5 17.8 53.3
148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 106.522 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

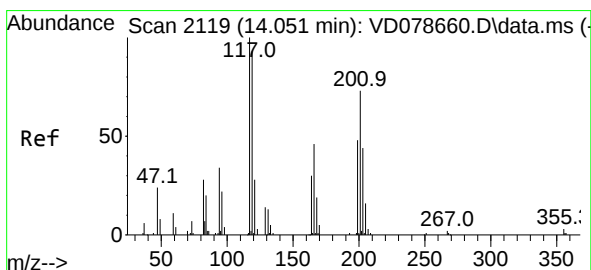
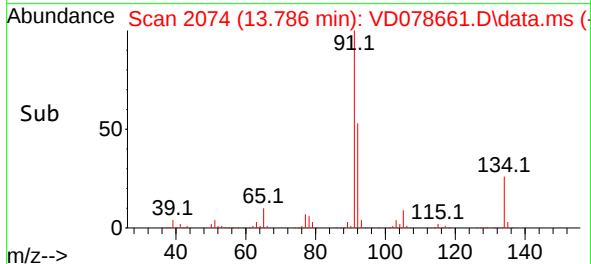
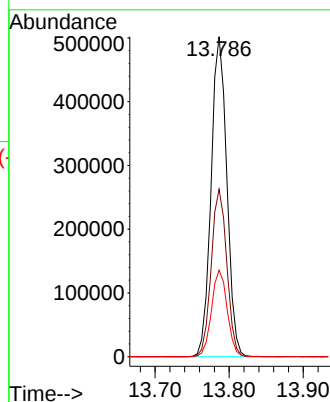
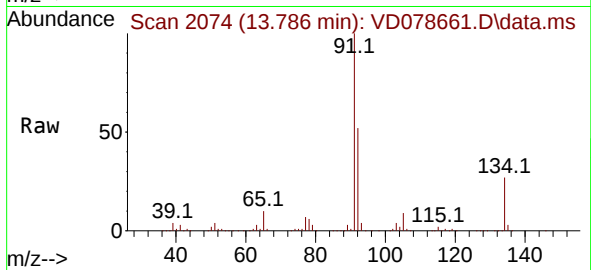
Tgt Ion: 91 Resp: 73869

Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.0
134	26.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#90

Hexachloroethane

Concen: 95.737 ug/l

RT: 14.051 min Scan# 2119

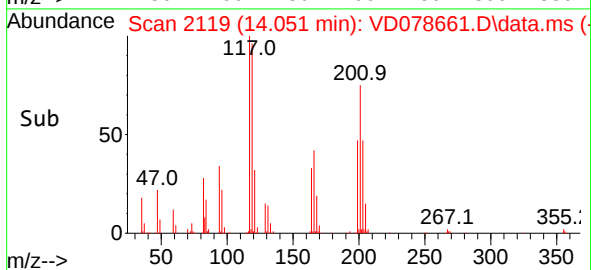
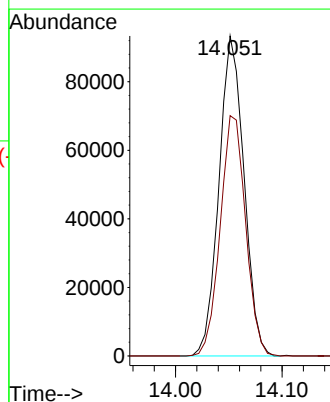
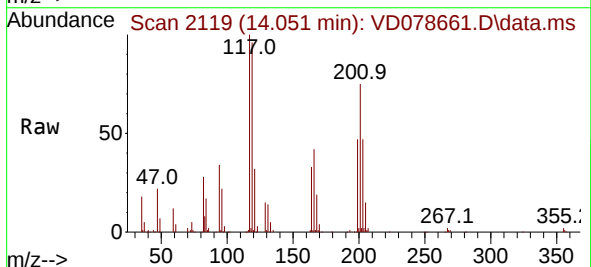
Delta R.T. -0.000 min

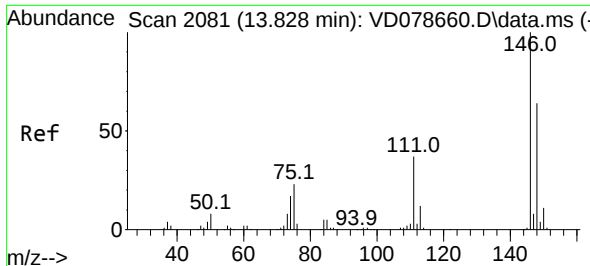
Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Tgt Ion:117 Resp: 152110

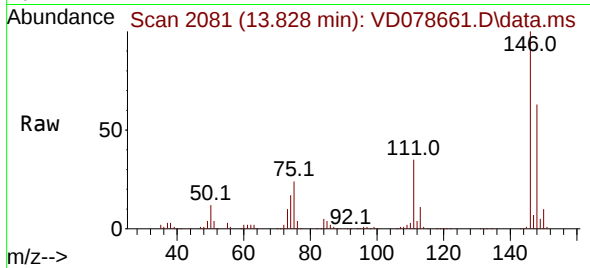
Ion	Ratio	Lower	Upper
117	100		
201	76.3	36.2	108.6





#91
1,2-Dichlorobenzene
Concen: 100.340 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49

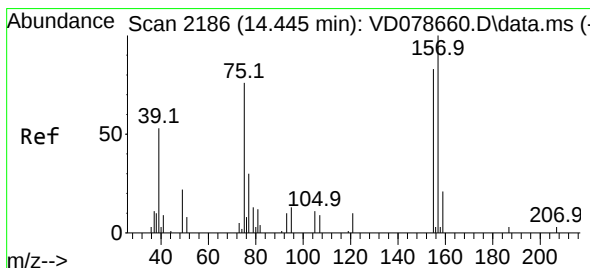
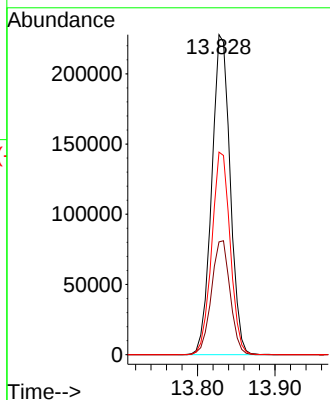
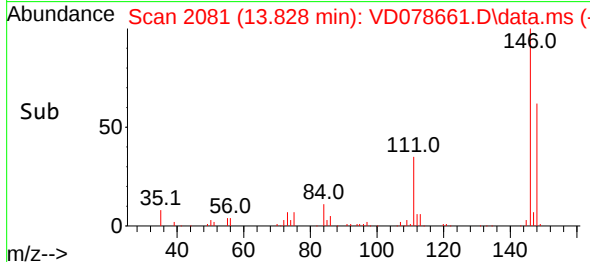
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



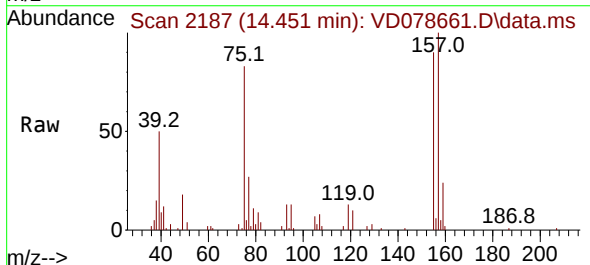
Tgt Ion:146 Resp: 37594
Ion Ratio Lower Upper
146 100
111 36.3 18.6 56.0
148 63.5 32.1 96.5

Manual Integrations
APPROVED

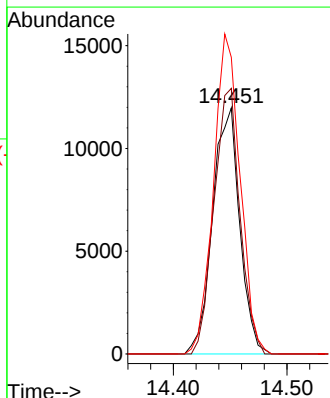
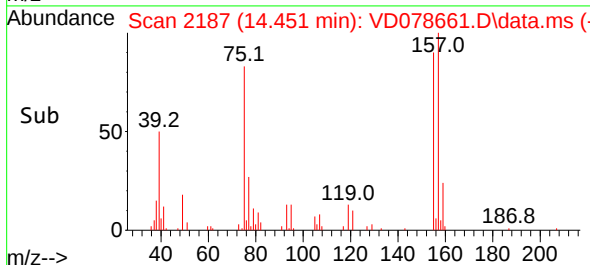
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

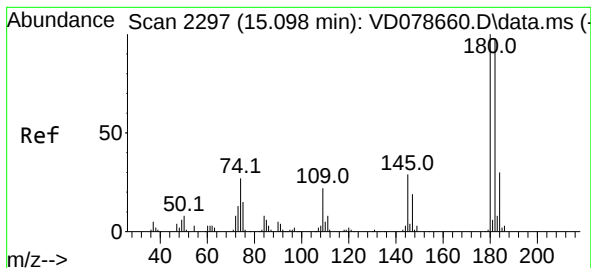


#92
1,2-Dibromo-3-Chloropropane
Concen: 96.406 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078661.D
Acq: 14 Mar 2024 11:49



Tgt Ion: 75 Resp: 19845
Ion Ratio Lower Upper
75 100
155 103.9 49.8 149.3
157 127.2 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 104.853 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

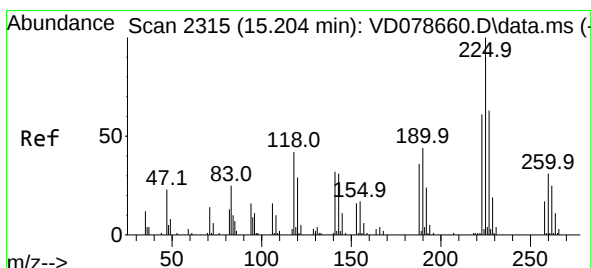
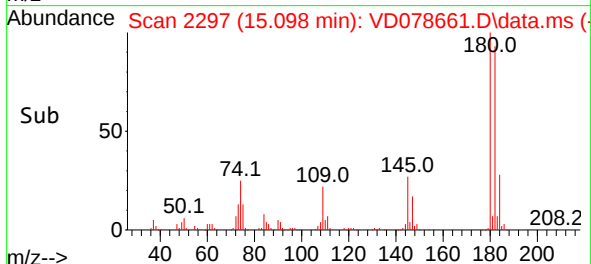
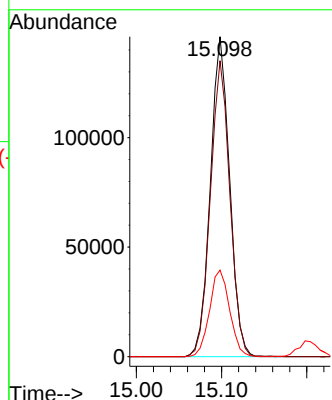
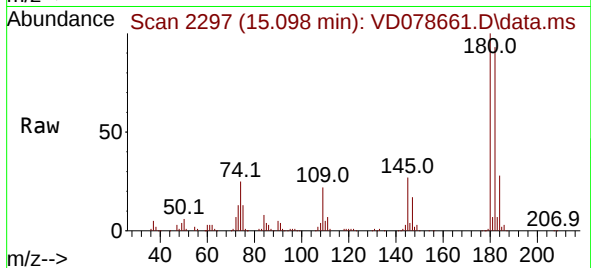
VSTDICC100

Tgt Ion:	180	Resp:	229269
Ion Ratio	Lower	Upper	
180	100		
182	93.6	49.7	149.1
145	28.2	14.6	44.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#94

Hexachlorobutadiene

Concen: 101.412 ug/l

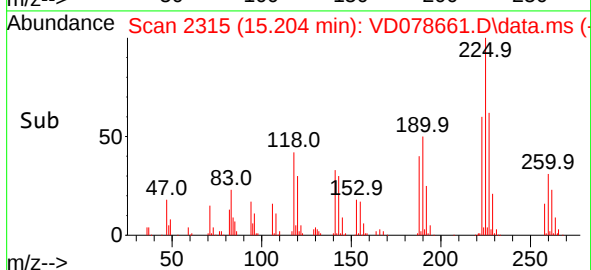
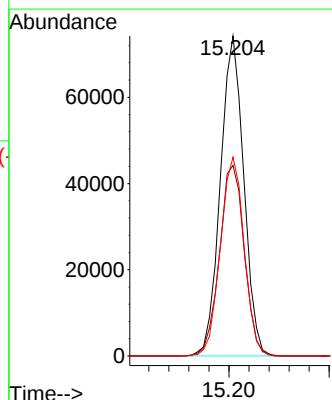
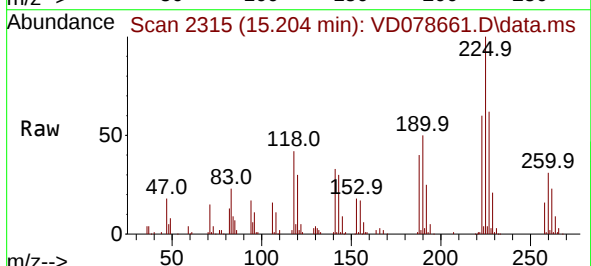
RT: 15.204 min Scan# 2315

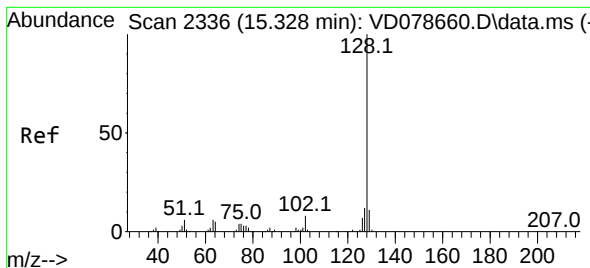
Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Tgt Ion:	225	Resp:	120049
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.9	95.7
227	63.0	32.0	96.0





#95

Naphthalene

Concen: 110.655 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Instrument :

MSVOA_D

ClientSampleId :

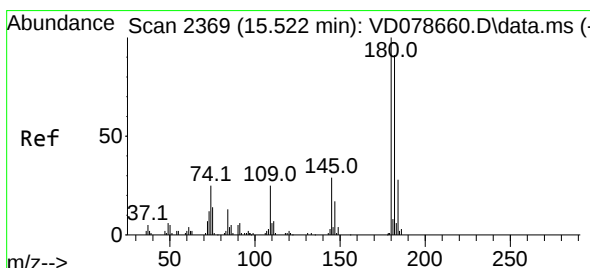
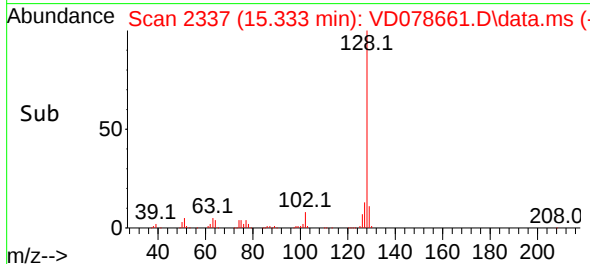
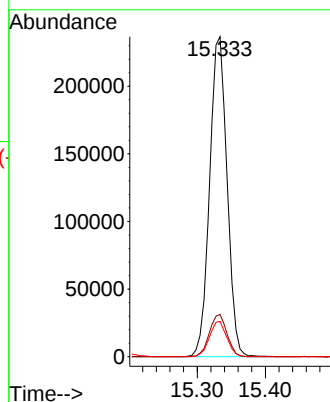
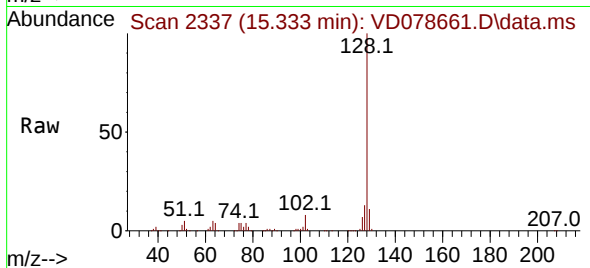
VSTDICC100

Tgt Ion:128	Resp: 420672
Ion Ratio	Lower Upper
128 100	
127 13.2	9.3 13.9
129 11.0	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 105.478 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078661.D

Acq: 14 Mar 2024 11:49

Tgt Ion:180	Resp: 199530
Ion Ratio	Lower Upper
180 100	
182 94.7	46.7 140.1
145 29.7	14.4 43.4

