

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077832.D
 Acq On : 12 Dec 2023 09:40
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

Quant Time: Dec 12 10:41:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	160679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	130630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80939	42.749	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.500%		
35) Dibromofluoromethane	7.810	113	83555	43.298	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.600%		
50) Toluene-d8	10.269	98	335394	43.394	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.780%		
62) 4-Bromofluorobenzene	12.575	95	97894	42.364	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.720%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	88399	44.042	ug/l	99
3) Chloromethane	2.152	50	130873	47.836	ug/l	98
4) Vinyl Chloride	2.287	62	177345	47.749	ug/l	98
5) Bromomethane	2.699	94	107786	51.719	ug/l	98
6) Chloroethane	2.846	64	118505	46.800	ug/l	99
7) Trichlorofluoromethane	3.181	101	162544	47.518	ug/l	90
8) Diethyl Ether	3.599	74	46347	48.252	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	91185	46.596	ug/l	97
10) Methyl Iodide	4.169	142	87379	50.819	ug/l #	88
11) Tert butyl alcohol	5.058	59	21436	234.399	ug/l	98
12) 1,1-Dichloroethene	3.946	96	91727	47.492	ug/l	90
13) Acrolein	3.799	56	44441	221.890	ug/l	96
14) Allyl chloride	4.569	41	122884	46.260	ug/l	92
15) Acrylonitrile	5.258	53	97681	237.518	ug/l	97
16) Acetone	4.022	43	95124	229.935	ug/l #	85
17) Carbon Disulfide	4.275	76	291912	44.674	ug/l	97
18) Methyl Acetate	4.569	43	73474	49.274	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	197762	48.261	ug/l	97
20) Methylene Chloride	4.811	84	104231	46.107	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	106440	48.655	ug/l	97
22) Diisopropyl ether	6.222	45	261227	47.059	ug/l	94
23) Vinyl Acetate	6.158	43	637969	235.343	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	172027	45.762	ug/l	95
25) 2-Butanone	7.087	43	118490	226.238	ug/l	88
26) 2,2-Dichloropropane	7.081	77	150520	47.690	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	113150	48.068	ug/l	91
28) Bromochloromethane	7.428	49	72646	47.825	ug/l	81
29) Tetrahydrofuran	7.446	42	69130	229.286	ug/l	87
30) Chloroform	7.599	83	173883	46.217	ug/l	94
31) Cyclohexane	7.881	56	151900	45.105	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	154558	46.600	ug/l	99
36) 1,1-Dichloropropene	8.010	75	141359	45.795	ug/l	96
37) Ethyl Acetate	7.169	43	50212	41.718	ug/l	95
38) Carbon Tetrachloride	7.999	117	139207	45.236	ug/l	99
39) Methylcyclohexane	9.275	83	175233	47.886	ug/l	94
40) Benzene	8.257	78	404817	46.207	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	27230	44.512	ug/l	90
42) 1,2-Dichloroethane	8.328	62	104236	45.899	ug/l	94
43) Isopropyl Acetate	8.363	43	99095	46.315	ug/l #	91
44) Trichloroethene	9.034	130	103644	45.396	ug/l	90
45) 1,2-Dichloropropane	9.304	63	97784	45.913	ug/l	100
46) Dibromomethane	9.399	93	50933	45.198	ug/l	95
47) Bromodichloromethane	9.587	83	129318	45.275	ug/l	99
48) Methyl methacrylate	9.381	41	55072	45.281	ug/l #	80
49) 1,4-Dioxane	9.387	88	10613	948.463	ug/l #	92
51) 4-Methyl-2-Pentanone	10.163	43	253045	231.736	ug/l	91
52) Toluene	10.334	92	255952	47.098	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	129999	47.395	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	155283	46.825	ug/l #	86
55) 1,1,2-Trichloroethane	10.740	97	70673	45.849	ug/l	98
56) Ethyl methacrylate	10.599	69	63142	46.469	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	125084	47.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	212194	273.837	ug/l	94
59) 2-Hexanone	10.922	43	186666	206.048	ug/l	87
60) Dibromochloromethane	11.075	129	87156	46.963	ug/l	98
61) 1,2-Dibromoethane	11.181	107	65408	45.078	ug/l	98
64) Tetrachloroethene	10.810	164	84212	46.252	ug/l	93
65) Chlorobenzene	11.610	112	260890	44.471	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	96256	46.727	ug/l	96
67) Ethyl Benzene	11.687	91	489380	47.451	ug/l	99
68) m/p-Xylenes	11.798	106	386814	98.053	ug/l	94
69) o-Xylene	12.122	106	176057	48.424	ug/l	93
70) Styrene	12.140	104	262140	48.489	ug/l	94
71) Bromoform	12.304	173	51290	47.652	ug/l #	98
73) Isopropylbenzene	12.422	105	468247	47.295	ug/l	97
74) N-amyl acetate	12.234	43	90298	46.398	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	80476	46.618	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	59447m	52.398	ug/l	
77) Bromobenzene	12.704	156	106598	45.775	ug/l	91
78) n-propylbenzene	12.763	91	575259	47.683	ug/l	96
79) 2-Chlorotoluene	12.851	91	302836	46.840	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	387634	46.943	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	27048	48.303	ug/l	94
82) 4-Chlorotoluene	12.951	91	317891	47.032	ug/l	97
83) tert-Butylbenzene	13.169	119	333130	47.787	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	399148	48.329	ug/l	96
85) sec-Butylbenzene	13.345	105	499620	48.485	ug/l	97
86) p-Isopropyltoluene	13.463	119	450591	48.840	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	222223	46.663	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	220752	46.323	ug/l	98
89) n-Butylbenzene	13.787	91	430958	49.643	ug/l	98
90) Hexachloroethane	14.057	117	82402	48.566	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	190259	46.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11436	45.646	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	126152	45.600	ug/l	97
94) Hexachlorobutadiene	15.204	225	72204	48.400	ug/l	99
95) Naphthalene	15.334	128	223687	48.664	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	107858	47.291	ug/l	98

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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

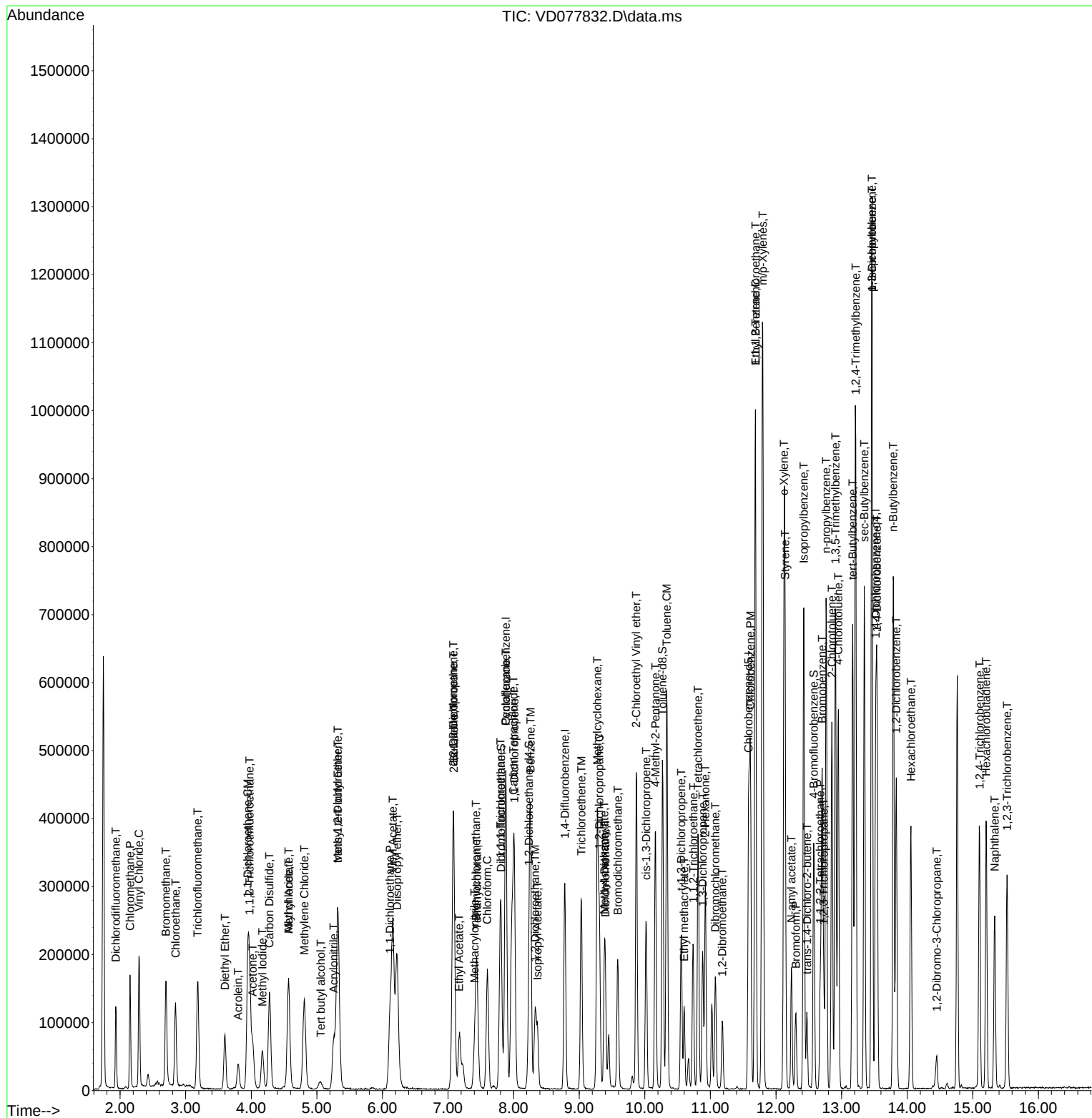
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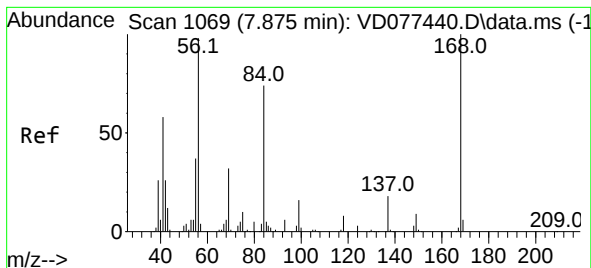
Instrument :
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Manual Integrations APPROVED

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 160679

Ion Ratio Lower Upper

168 100

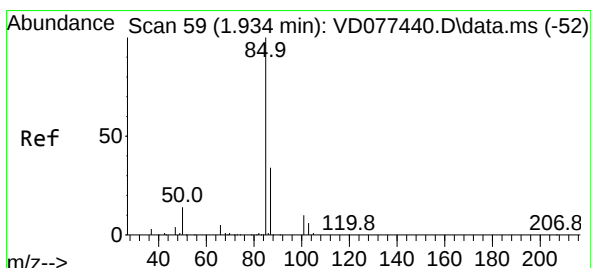
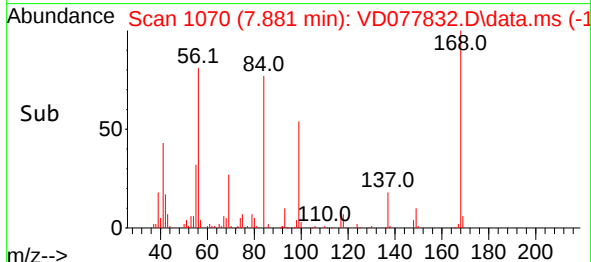
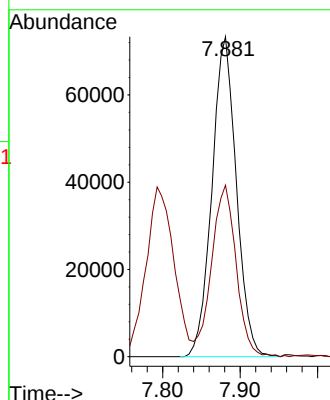
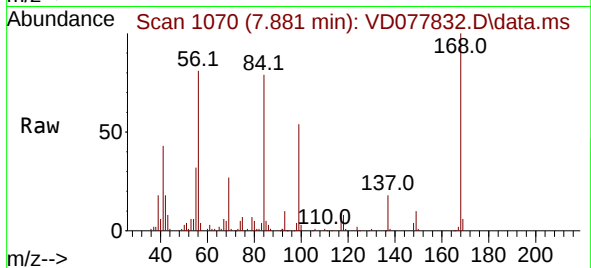
99 53.6 36.7 55.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#2

Dichlorodifluoromethane

Concen: 44.042 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077832.D

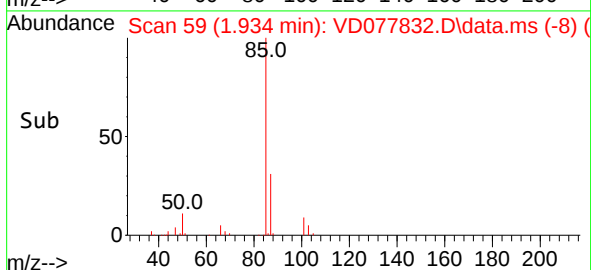
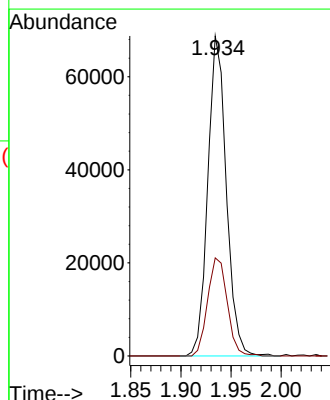
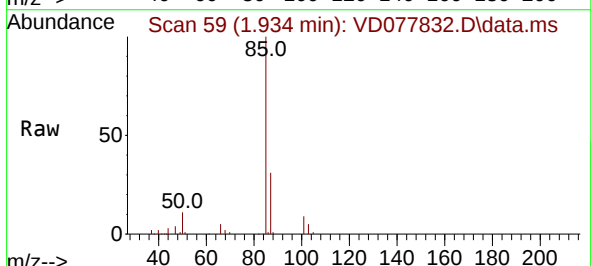
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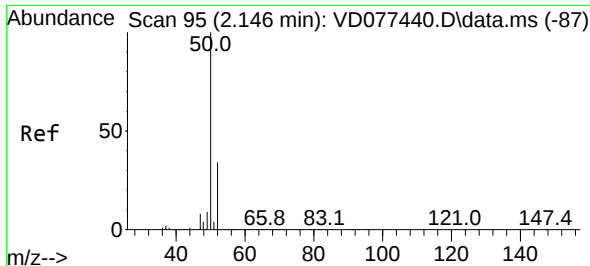
Tgt Ion: 85 Resp: 88399

Ion Ratio Lower Upper

85 100

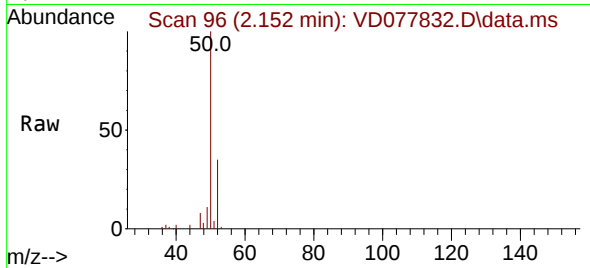
87 30.6 15.7 47.0





#3
Chloromethane
Concen: 47.836 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

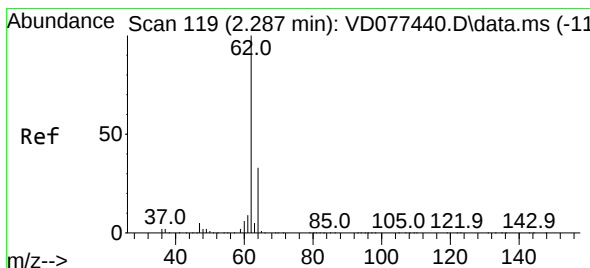
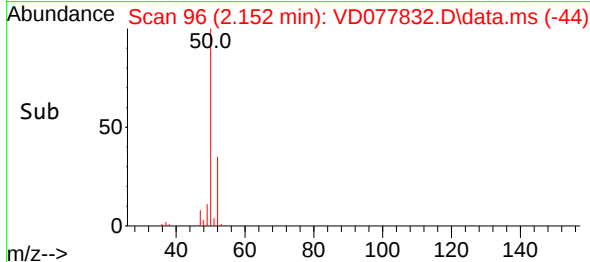
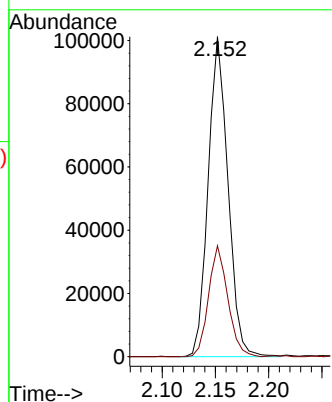
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 13087
Ion Ratio Lower Upper
50 100
52 34.7 26.6 40.0

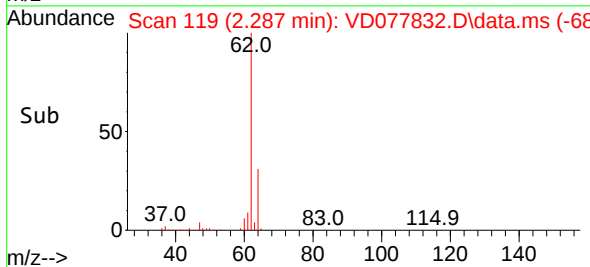
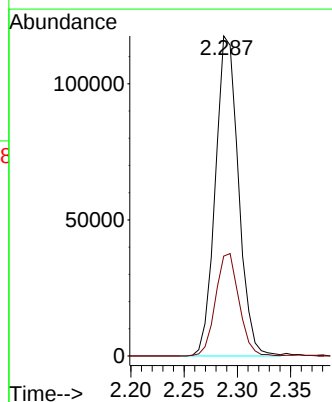
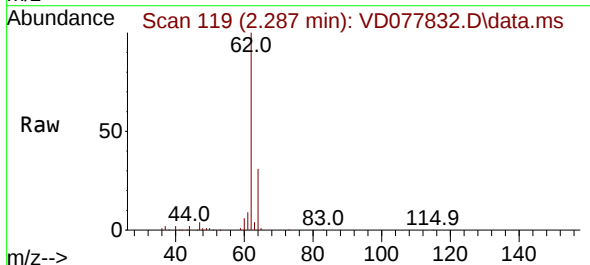
Manual Integrations
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Supervised By :Semsettin Yesilyurt 12/13/2023



#4
Vinyl Chloride
Concen: 47.749 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

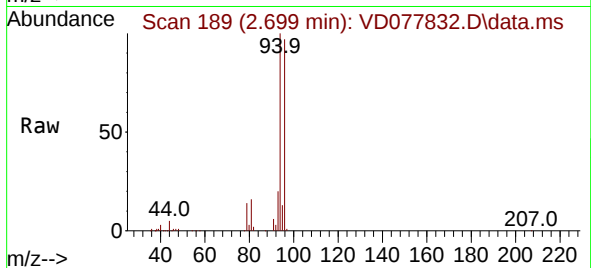
Tgt Ion: 62 Resp: 177345
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5
Bromomethane
Concen: 51.719 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

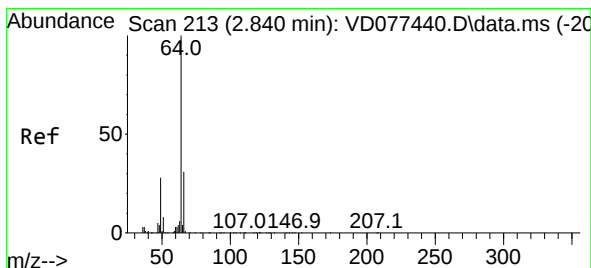
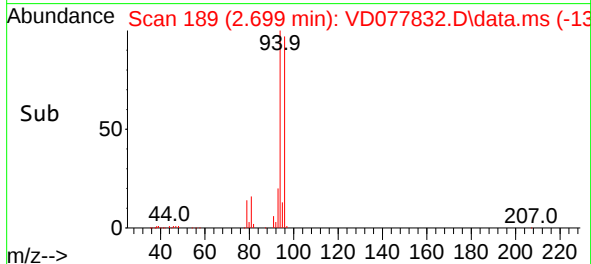
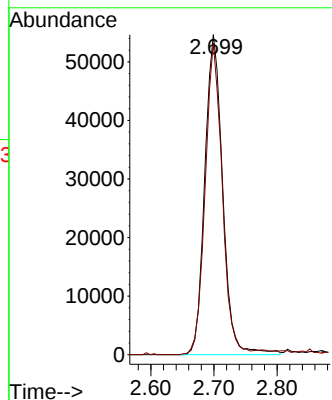
Instrument :
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Tgt Ion: 94 Resp: 107780
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8

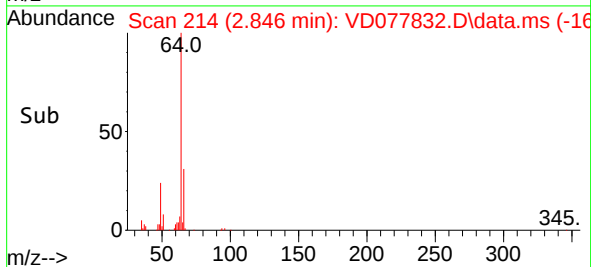
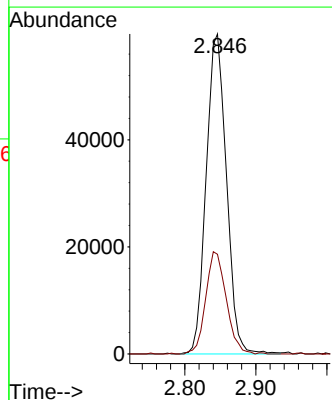
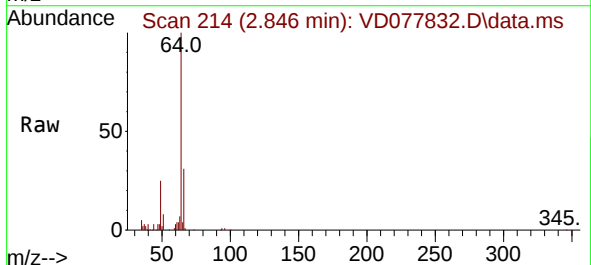
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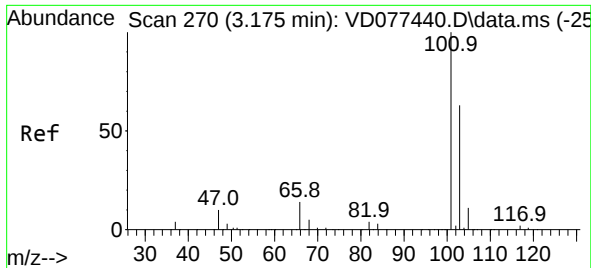
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#6
Chloroethane
Concen: 46.800 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 64 Resp: 118505
Ion Ratio Lower Upper
64 100
66 31.1 25.5 38.3





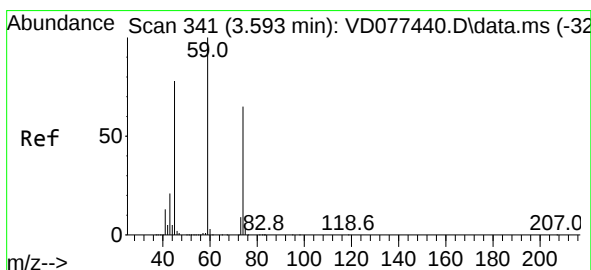
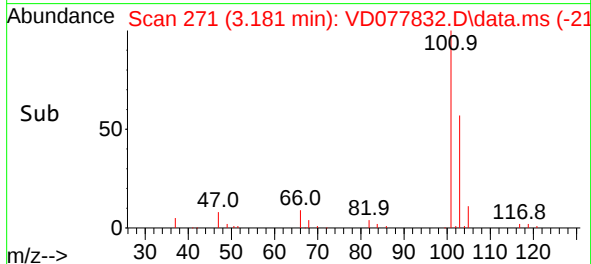
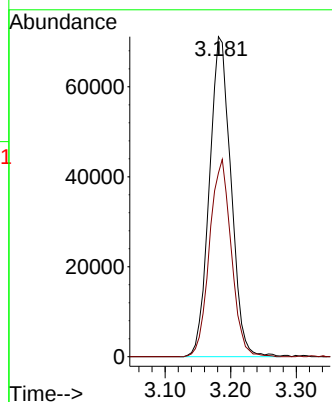
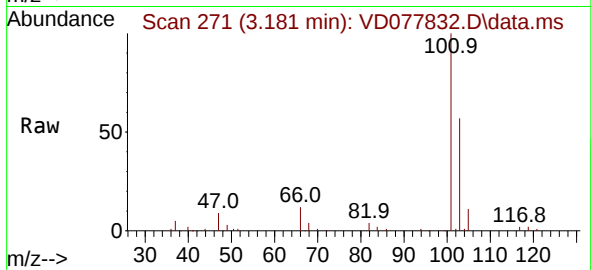
#7
Trichlorofluoromethane
Concen: 47.518 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 162544
Ion Ratio Lower Upper
101 100
103 57.4 52.3 78.5

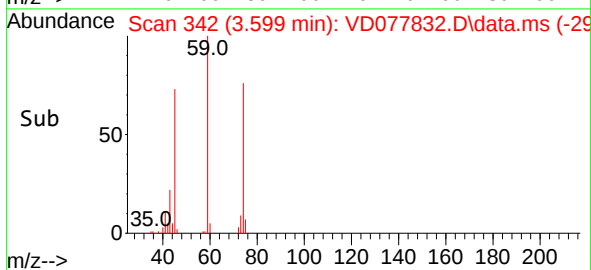
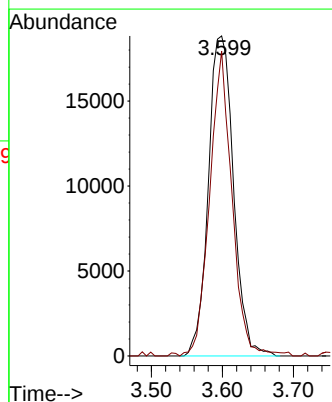
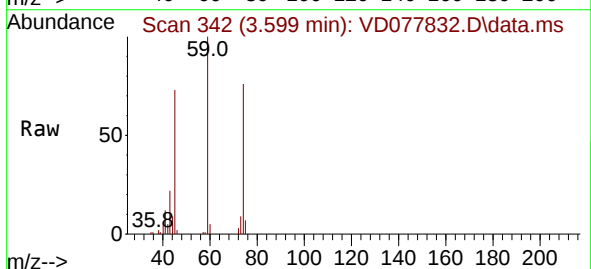
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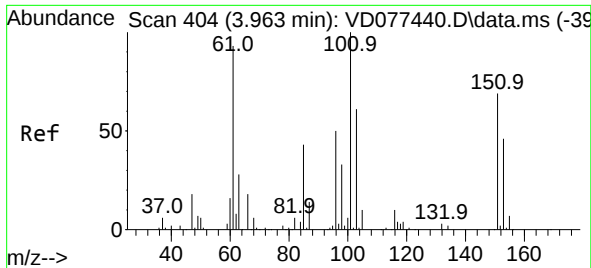
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#8
Diethyl Ether
Concen: 48.252 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 74 Resp: 46347
Ion Ratio Lower Upper
74 100
45 84.4 37.5 112.7





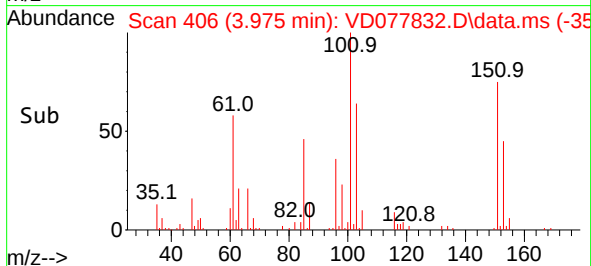
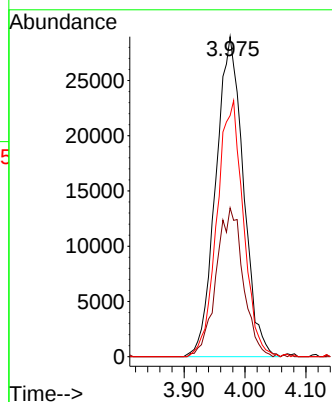
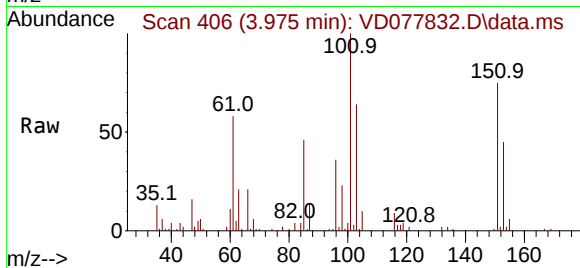
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.596 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9118
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 76.5 59.8 89.6

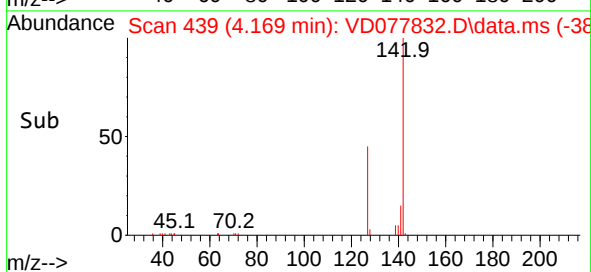
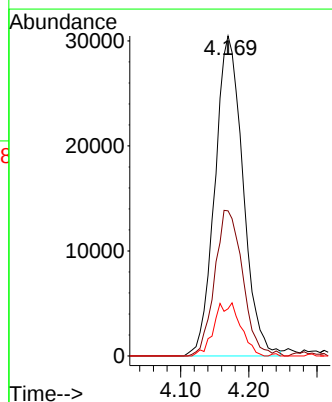
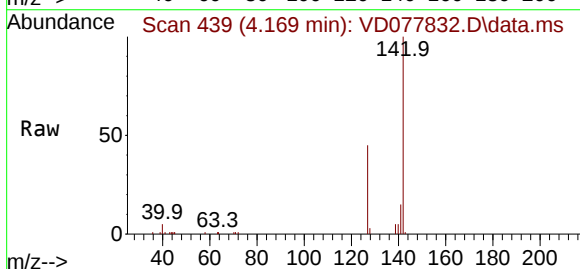
Manual Integrations
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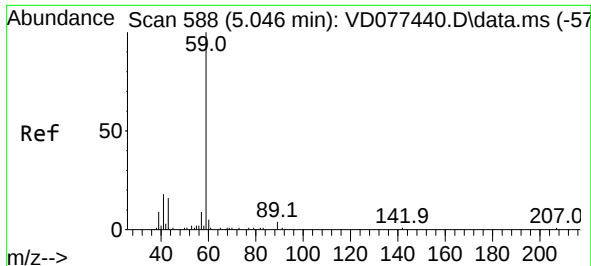
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#10
Methyl Iodide
Concen: 50.819 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:142 Resp: 87379
Ion Ratio Lower Upper
142 100
127 45.4 29.4 44.0#
141 15.8 11.1 16.7





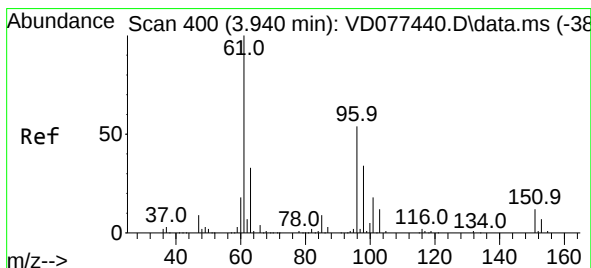
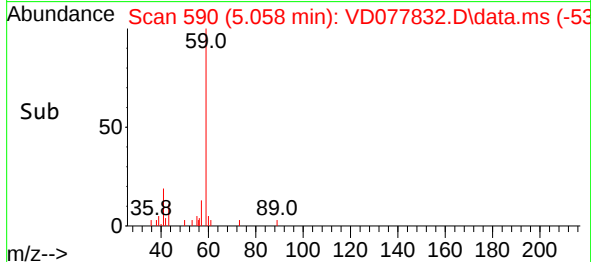
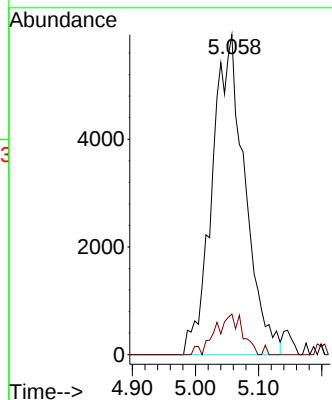
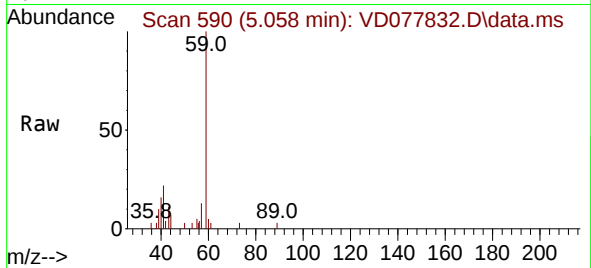
#11
Tert butyl alcohol
Concen: 234.399 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 21430
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

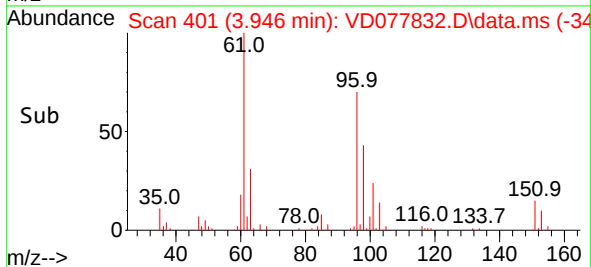
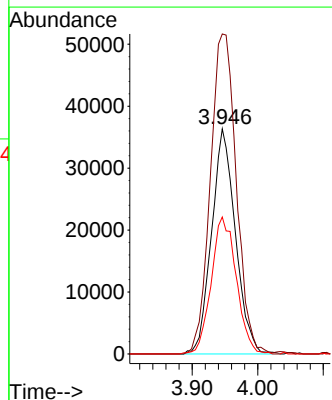
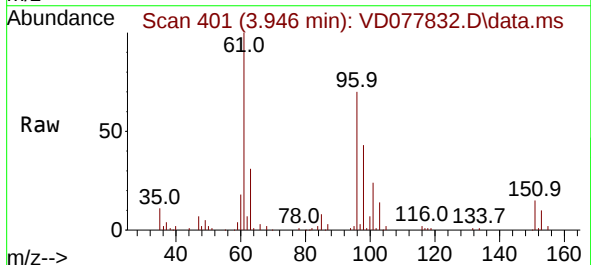
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#12
1,1-Dichloroethene
Concen: 47.492 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

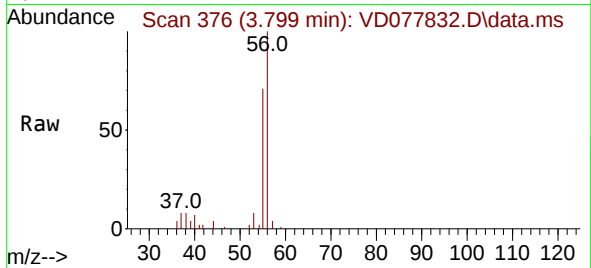
Tgt Ion: 96 Resp: 91727
Ion Ratio Lower Upper
96 100
61 142.2 100.6 150.8
98 60.9 50.2 75.2





#13
Acrolein
Concen: 221.890 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

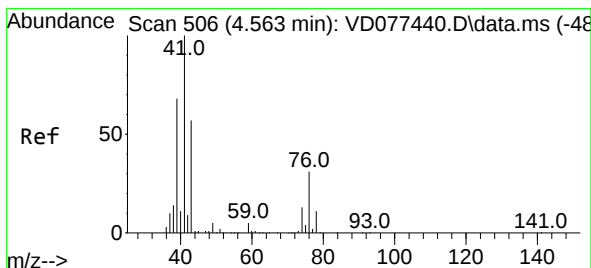
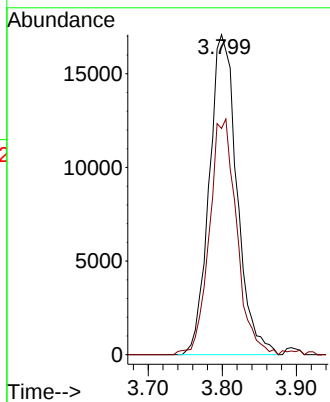
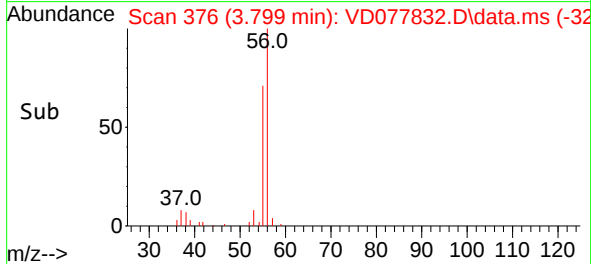
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 4444
Ion Ratio Lower Upper
56 100
55 72.3 55.1 82.7

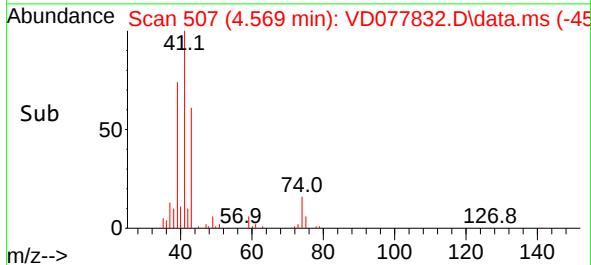
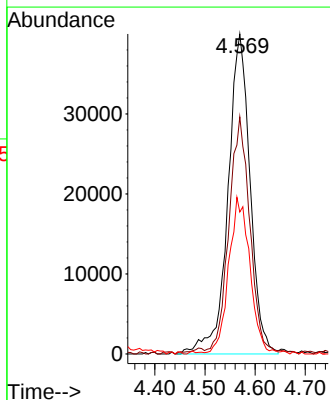
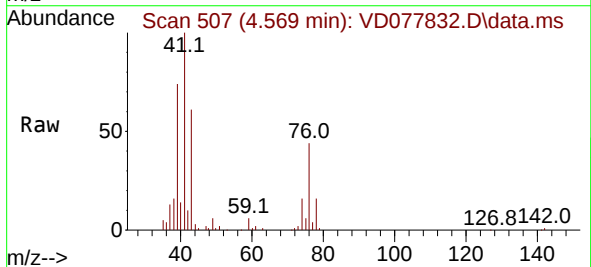
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#14
Allyl chloride
Concen: 46.260 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 41 Resp: 122884
Ion Ratio Lower Upper
41 100
39 69.3 53.8 80.6
76 47.1 45.8 68.8





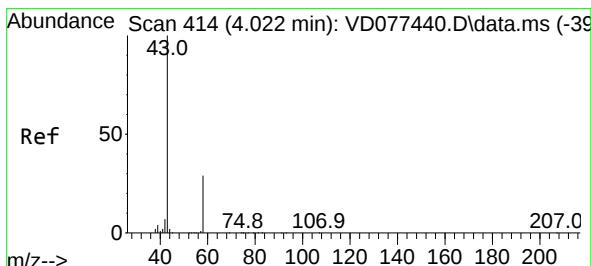
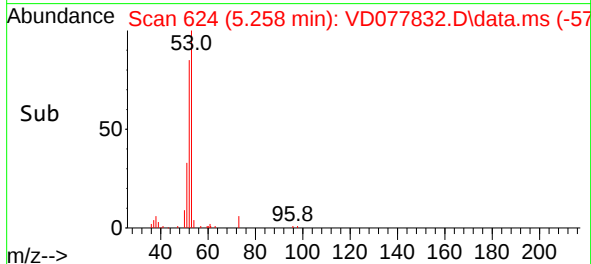
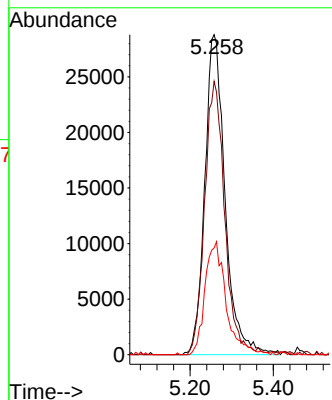
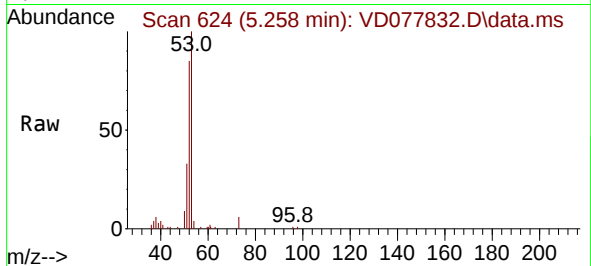
#15
Acrylonitrile
Concen: 237.518 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 9768
Ion Ratio Lower Upper
53 100
52 84.0 65.0 97.4
51 36.8 28.3 42.5

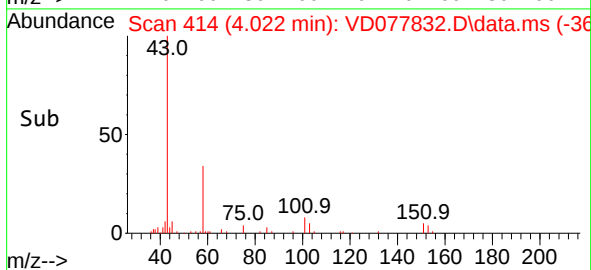
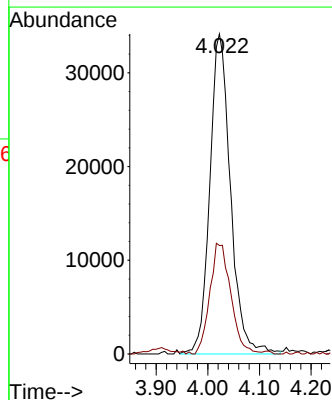
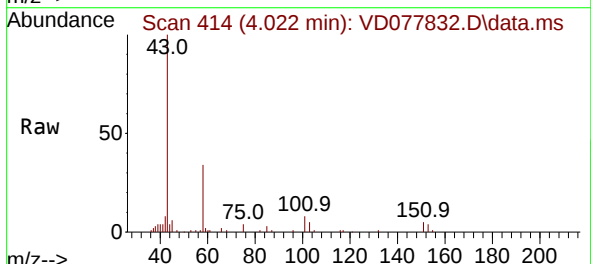
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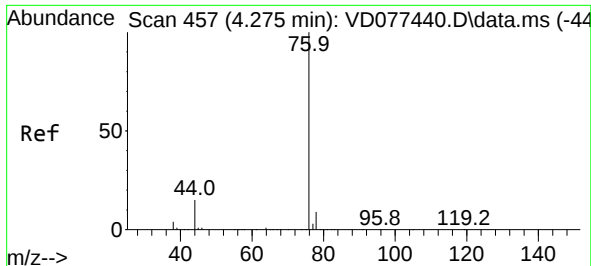
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#16
Acetone
Concen: 229.935 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

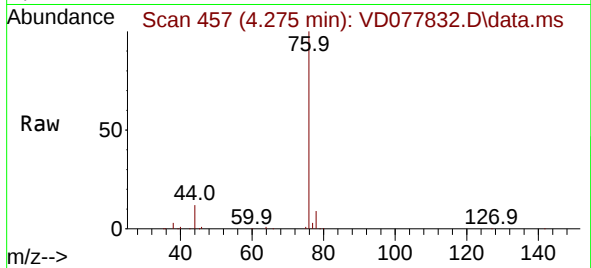
Tgt Ion: 43 Resp: 95124
Ion Ratio Lower Upper
43 100
58 33.9 34.7 52.1#





#17
Carbon Disulfide
Concen: 44.674 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

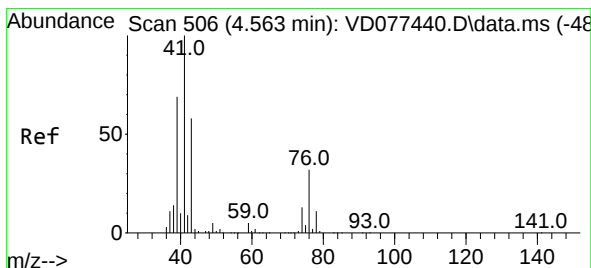
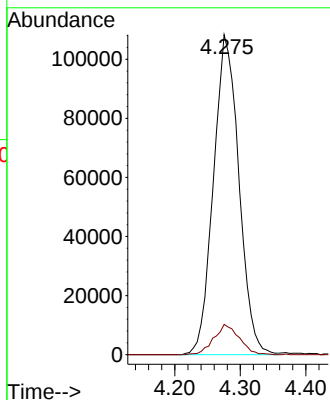
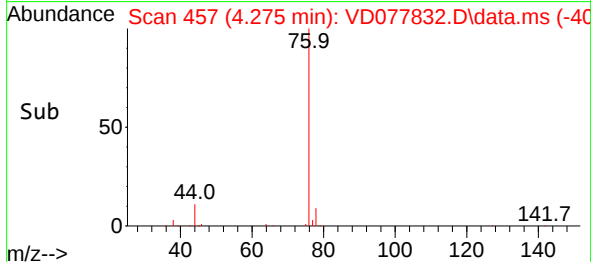
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 291912
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

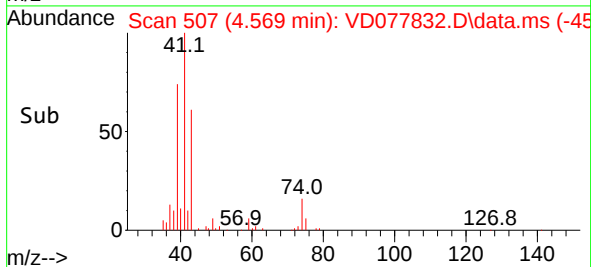
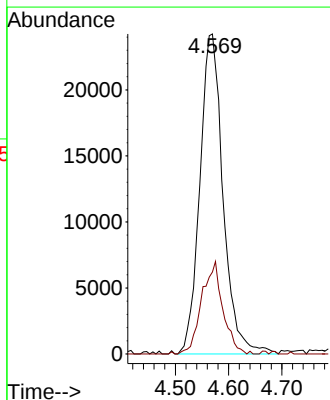
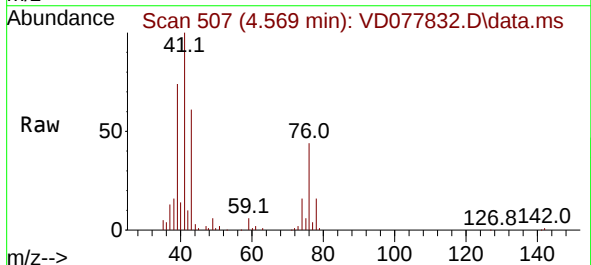
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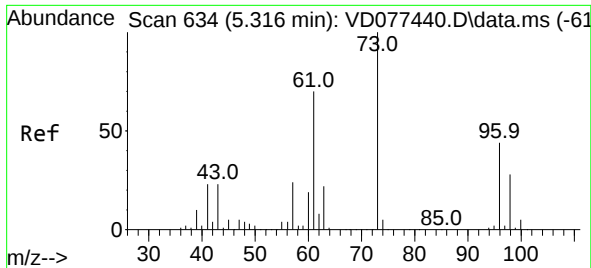
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#18
Methyl Acetate
Concen: 49.274 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

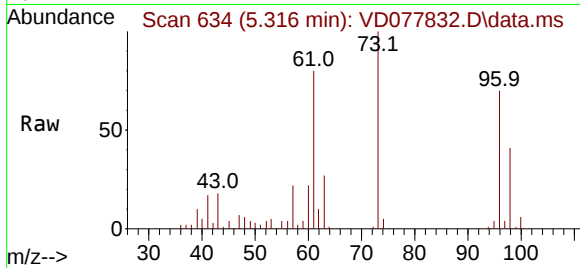
Tgt Ion: 43 Resp: 73474
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 48.261 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

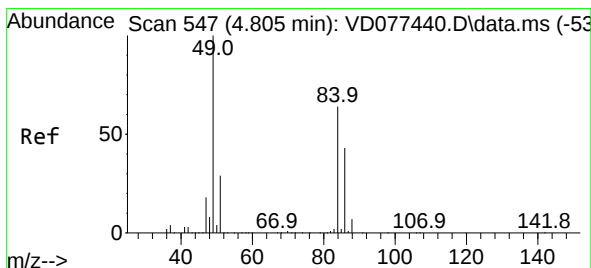
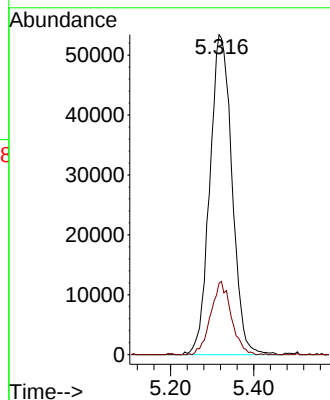
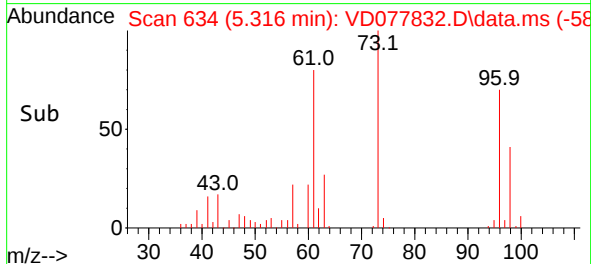
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 197762
Ion Ratio Lower Upper
73 100
57 22.4 16.6 25.0

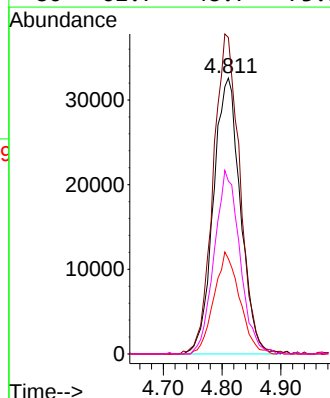
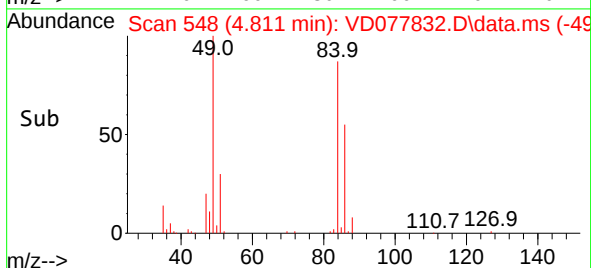
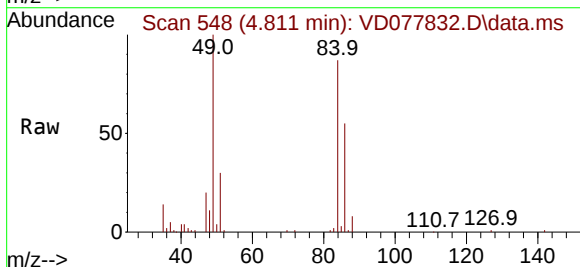
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#20
Methylene Chloride
Concen: 46.107 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

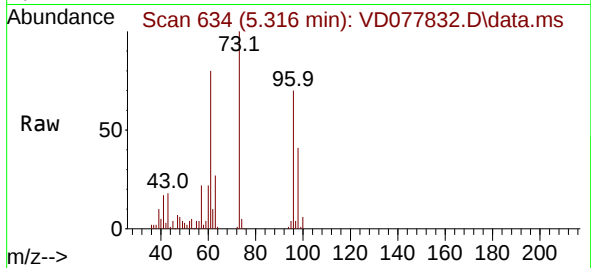
Tgt Ion: 84 Resp: 104231
Ion Ratio Lower Upper
84 100
49 114.7 71.4 107.2#
51 34.5 24.5 36.7
86 62.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 48.655 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

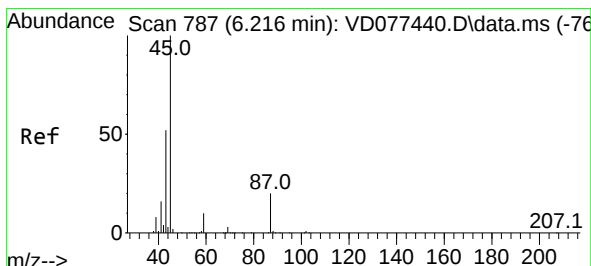
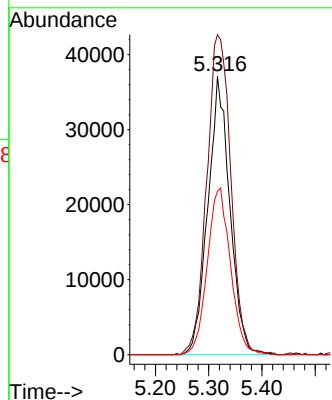
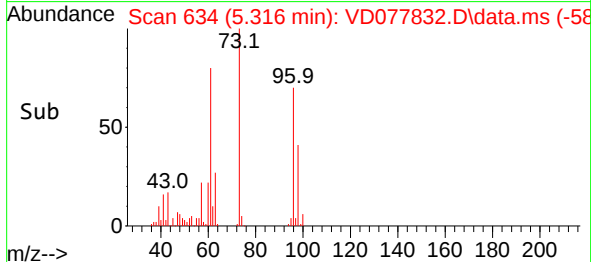
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 106440
Ion Ratio Lower Upper
96 100
61 114.9 89.3 133.9
98 58.7 48.6 73.0

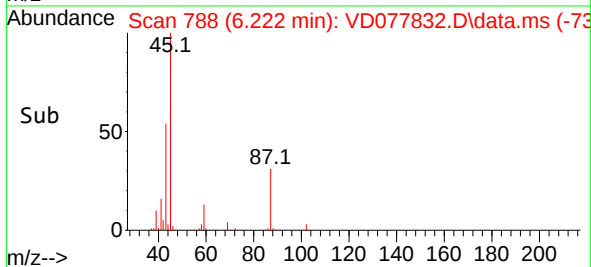
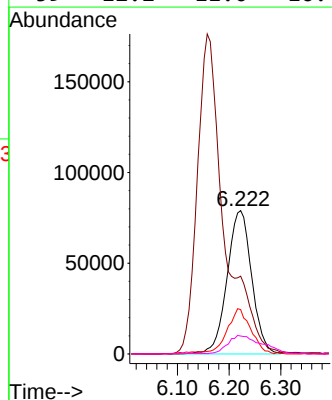
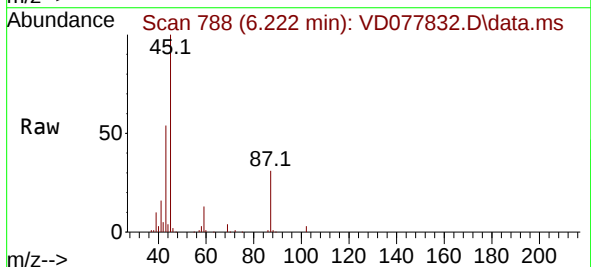
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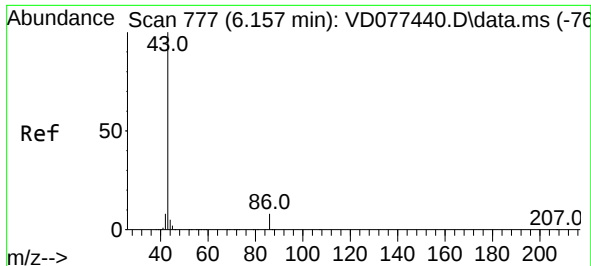
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#22
Diisopropyl ether
Concen: 47.059 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 45 Resp: 261227
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 30.5 28.2 42.4
59 12.2 11.0 16.4





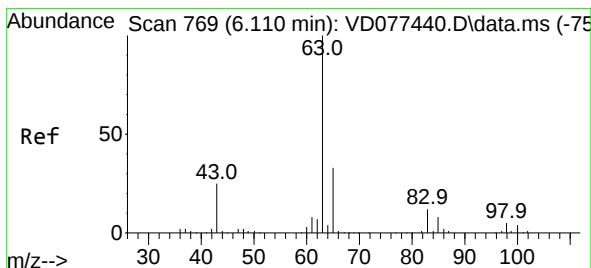
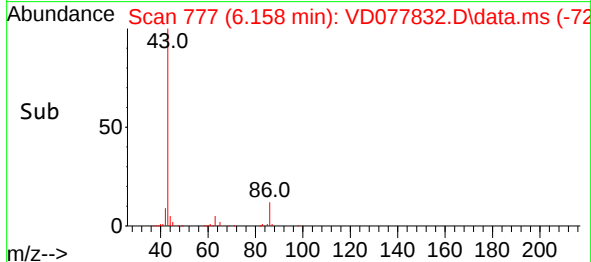
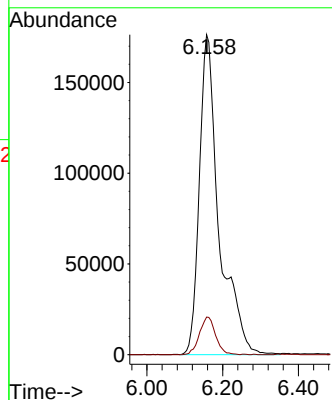
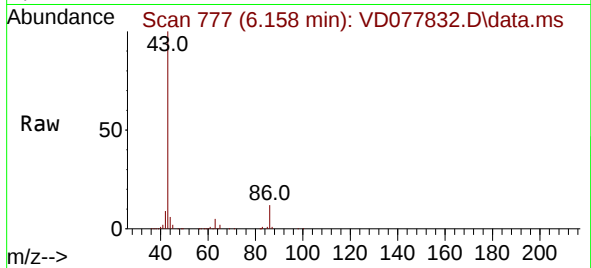
#23
 Vinyl Acetate
 Concen: 235.343 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 637969
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7

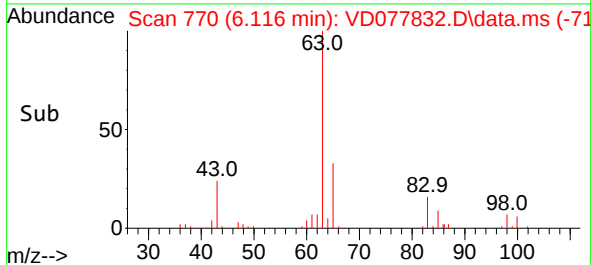
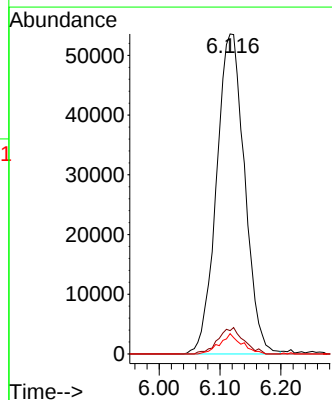
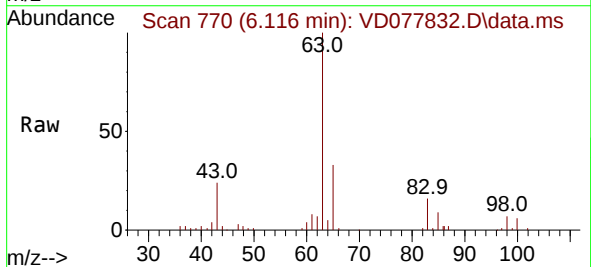
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 45.762 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

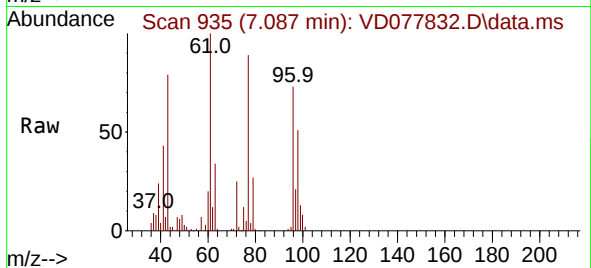
Tgt Ion: 63 Resp: 172027
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 6.4 2.5 7.5





#25
2-Butanone
Concen: 226.238 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

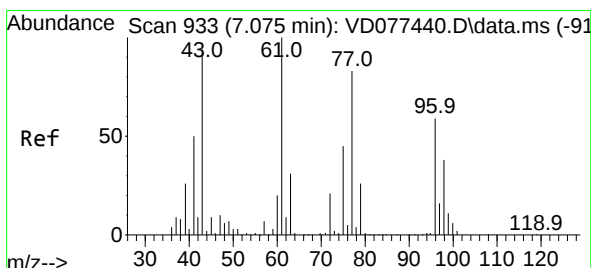
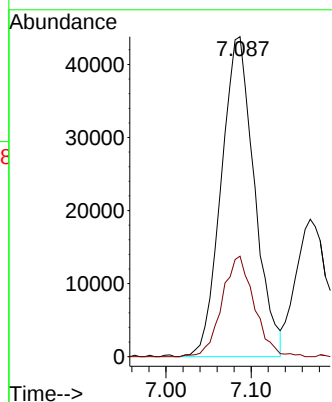
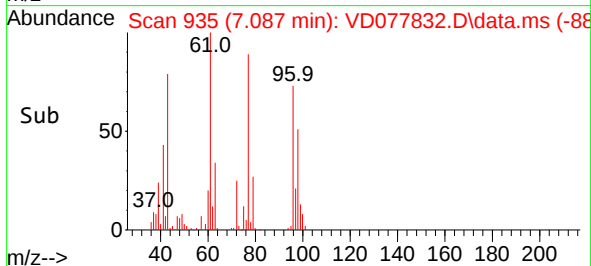
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



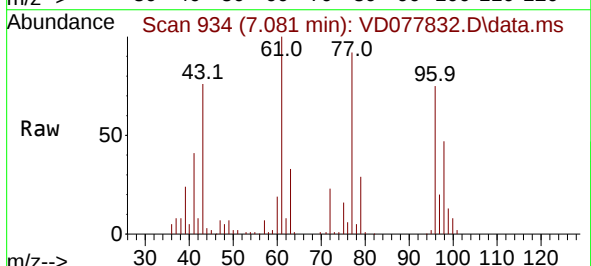
Tgt Ion: 43 Resp: 118490
Ion Ratio Lower Upper
43 100
72 31.4 30.7 46.1

Manual Integrations
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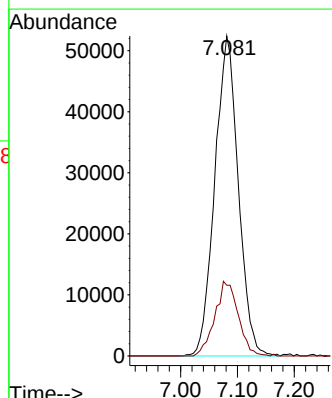
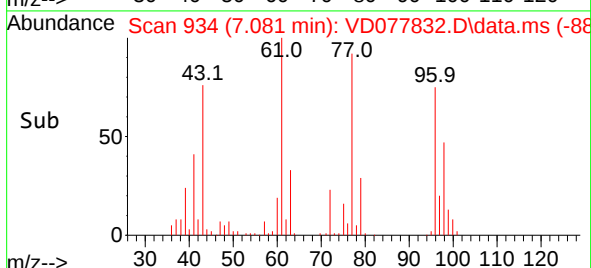
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#26
2,2-Dichloropropane
Concen: 47.690 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



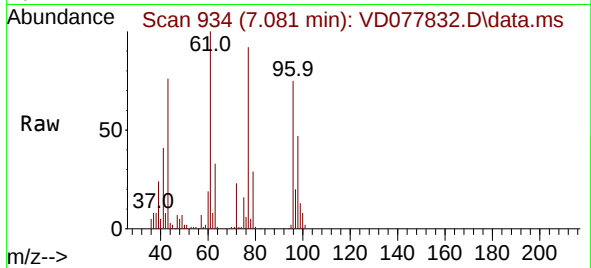
Tgt Ion: 77 Resp: 150520
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.068 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. 0.000 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

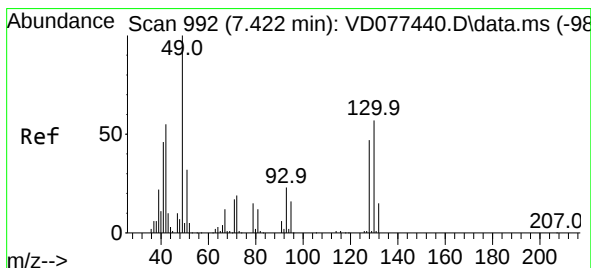
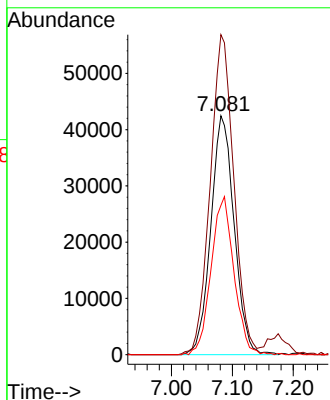
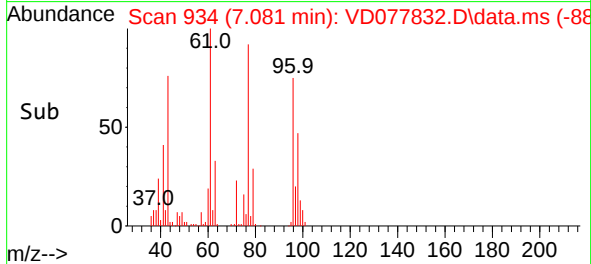
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 113150
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 239.2
 98 64.7 0.0 128.6

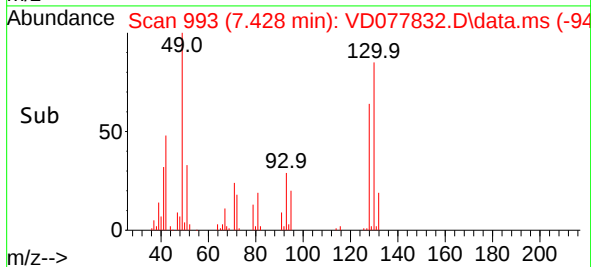
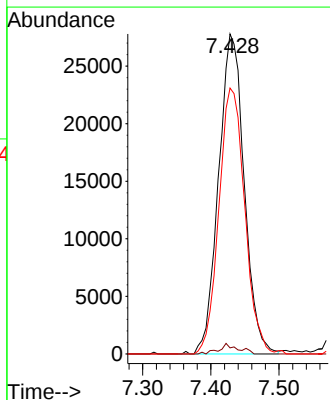
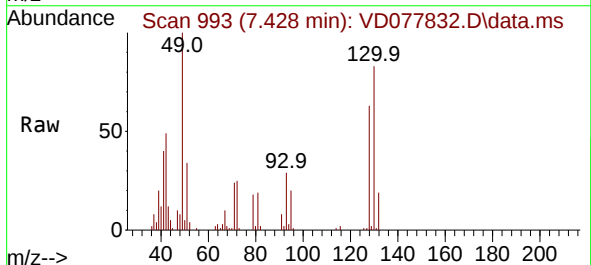
Manual Integrations
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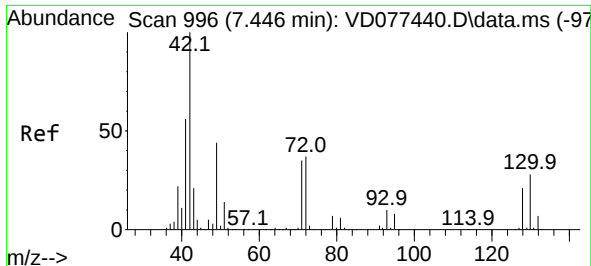
Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#28
 Bromochloromethane
 Concen: 47.825 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

Tgt Ion: 49 Resp: 72646
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 83.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 229.286 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

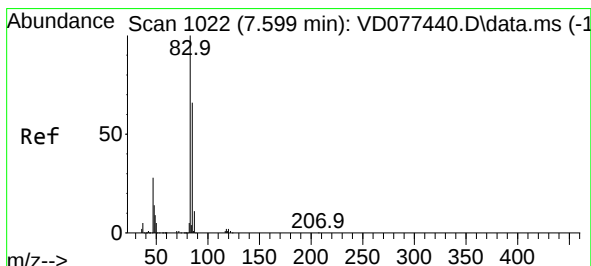
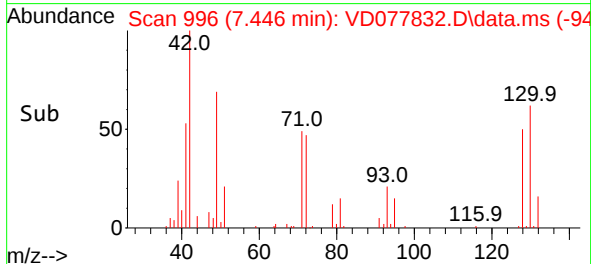
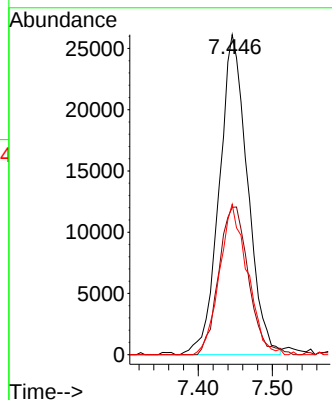
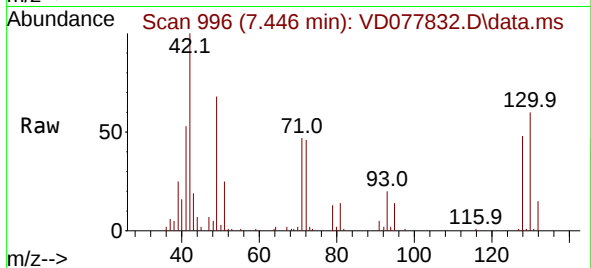
Tgt Ion: 42 Resp: 69130

Ion	Ratio	Lower	Upper
42	100		
72	48.7	46.5	69.7
71	46.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#30

Chloroform

Concen: 46.217 ug/l

RT: 7.599 min Scan# 1022

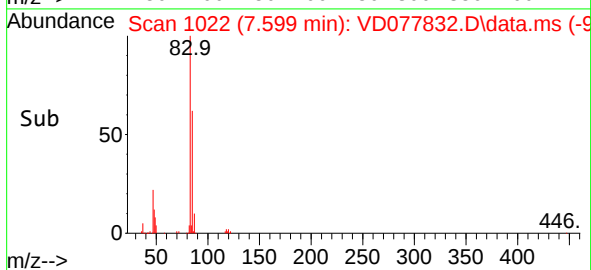
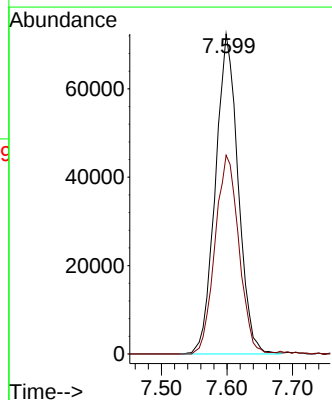
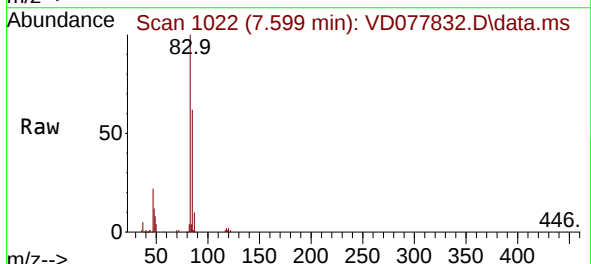
Delta R.T. -0.000 min

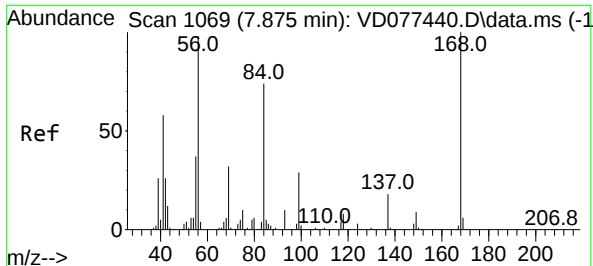
Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Tgt Ion: 83 Resp: 173883

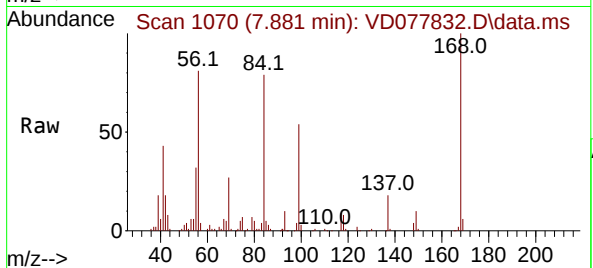
Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.4	80.2





#31
Cyclohexane
Concen: 45.105 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

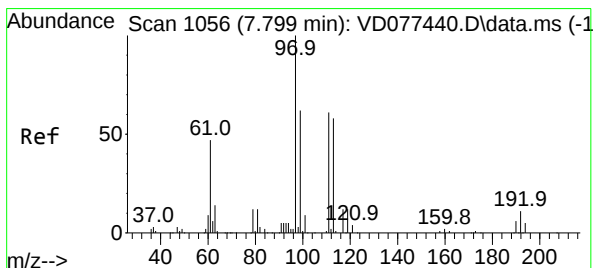
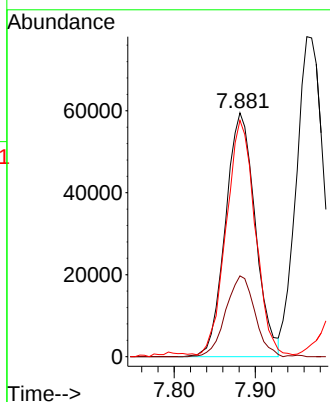
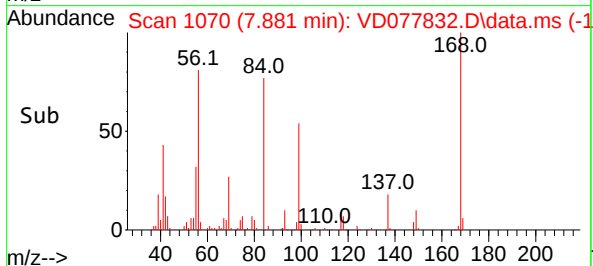
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



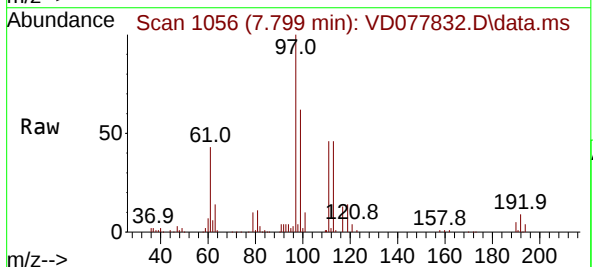
Tgt Ion: 56 Resp: 151900
Ion Ratio Lower Upper
56 100
69 33.1 28.6 43.0
84 95.7 84.8 127.2

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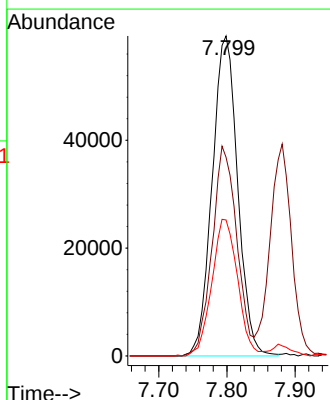
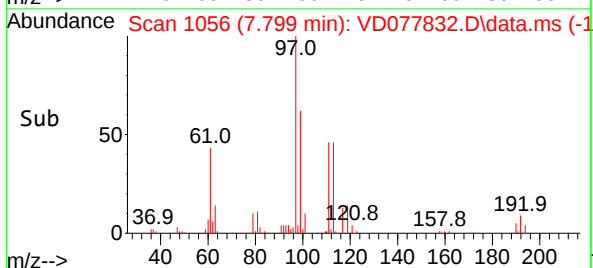
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

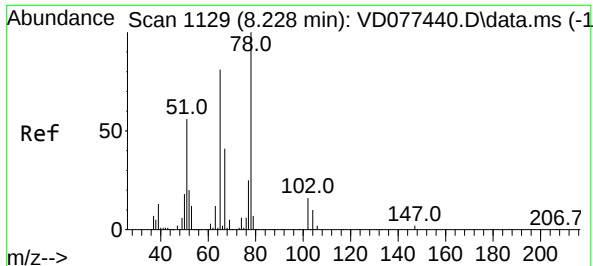


#32
1,1,1-Trichloroethane
Concen: 46.600 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



Tgt Ion: 97 Resp: 154558
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 42.749 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80939

Ion Ratio Lower Upper

65 100

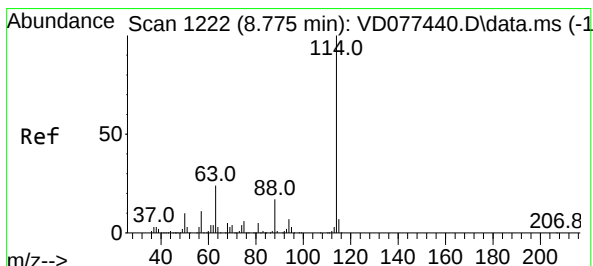
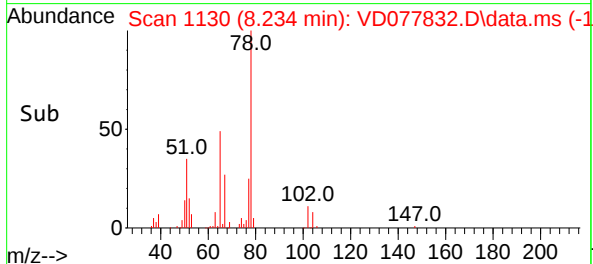
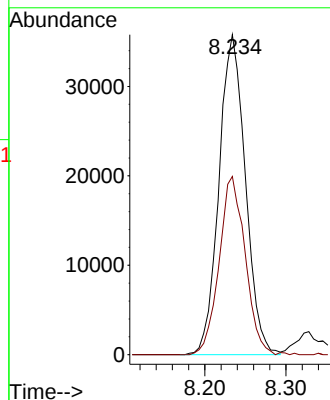
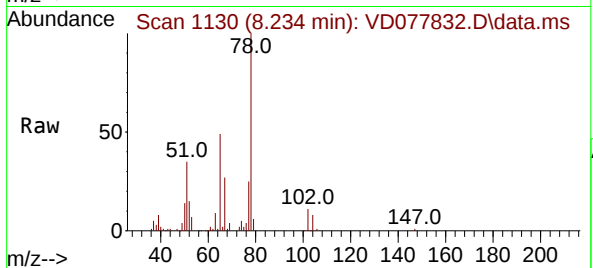
67 55.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

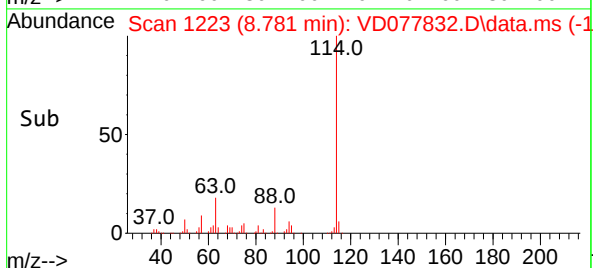
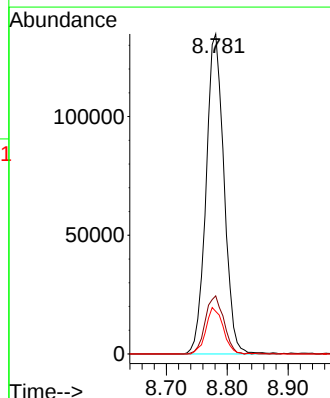
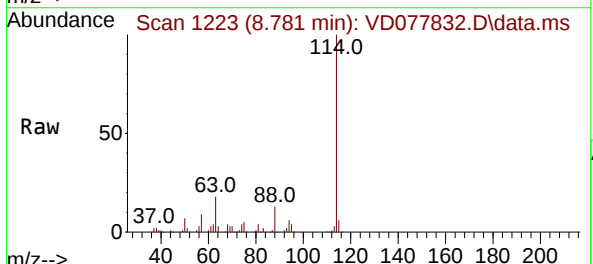
Tgt Ion:114 Resp: 275501

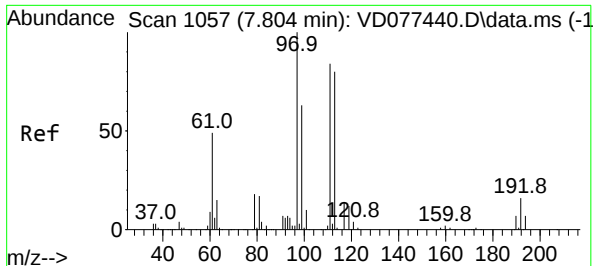
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.298 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

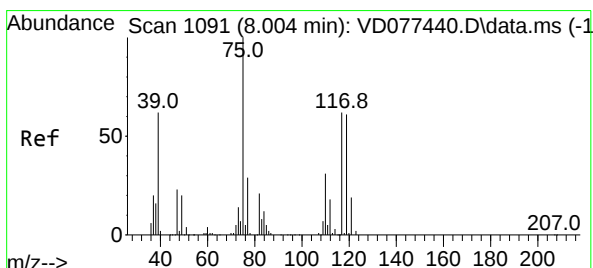
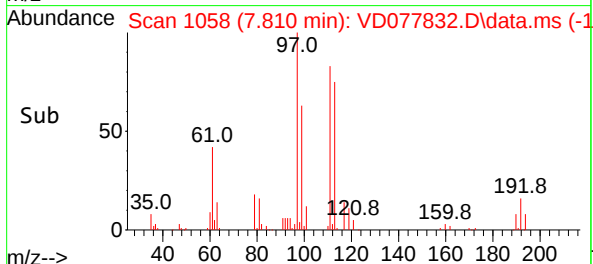
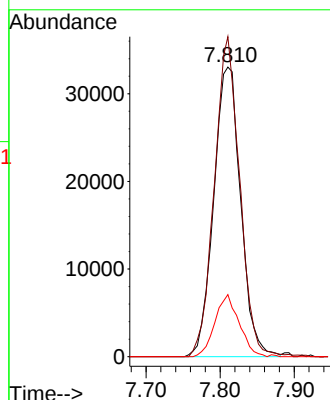
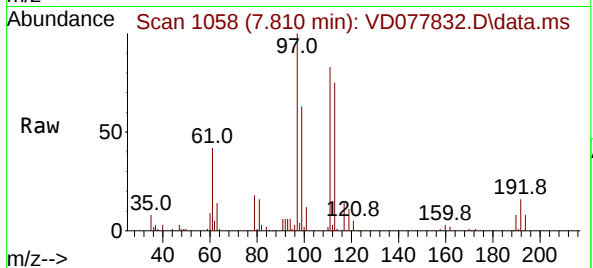
Tgt Ion: 113 Resp: 8355

Ion	Ratio	Lower	Upper
113	100		
111	104.0	84.7	127.1
192	19.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#36

1,1-Dichloropropene

Concen: 45.795 ug/l

RT: 8.010 min Scan# 1092

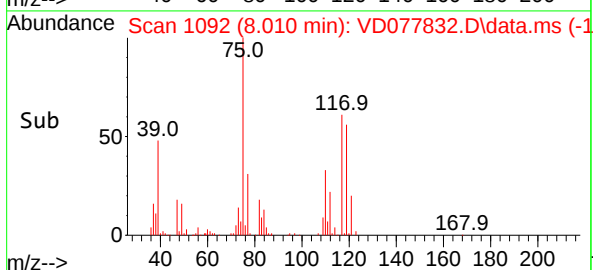
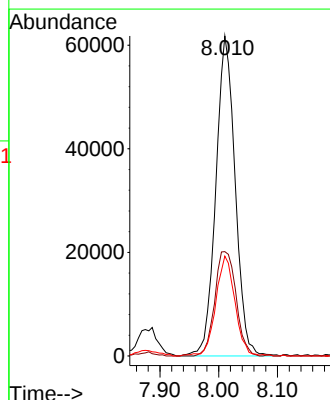
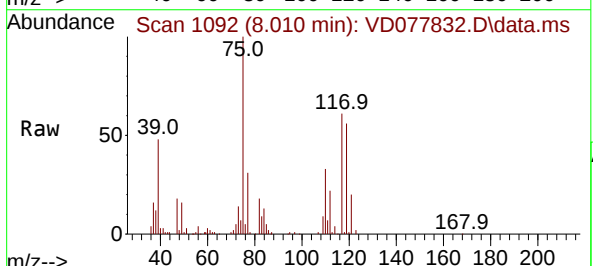
Delta R.T. 0.006 min

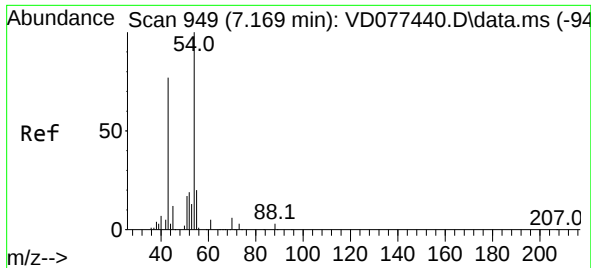
Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Tgt Ion: 75 Resp: 141359

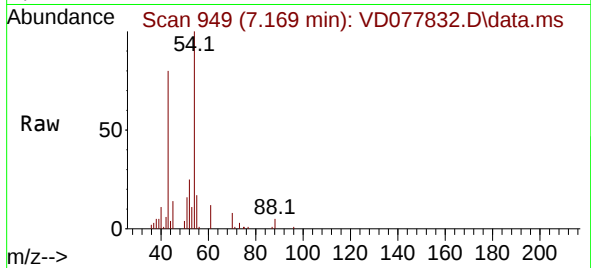
Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.9	59.6
77	31.1	24.7	37.1





#37
Ethyl Acetate
Concen: 41.718 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

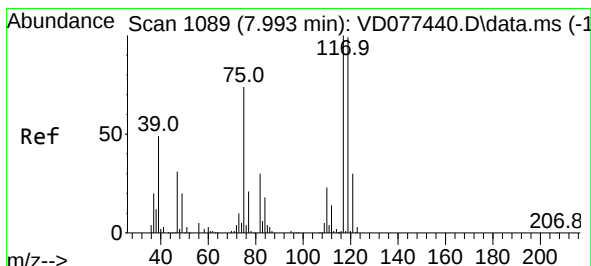
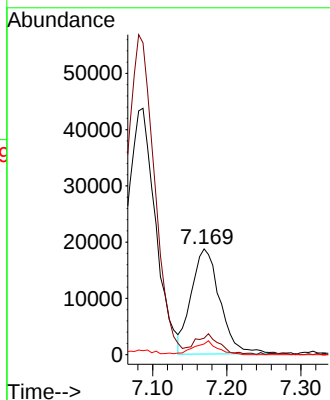
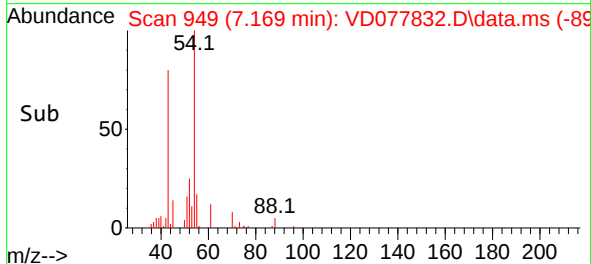
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



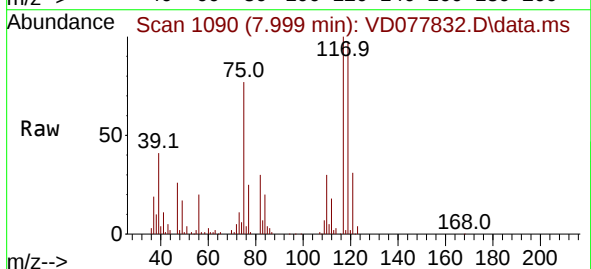
Tgt Ion: 43 Resp: 50212
Ion Ratio Lower Upper
43 100
61 16.4 14.9 22.3
70 10.8 10.0 15.0

Manual Integrations
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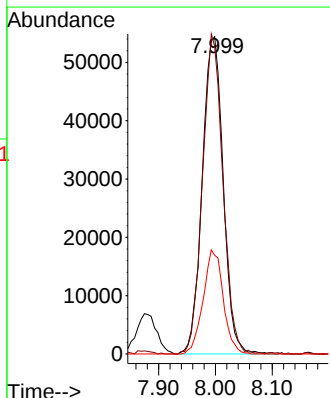
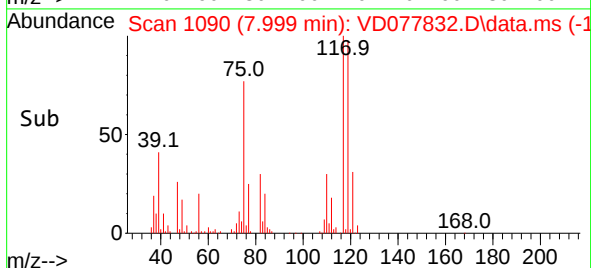
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#38
Carbon Tetrachloride
Concen: 45.236 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



Tgt Ion:117 Resp: 139207
Ion Ratio Lower Upper
117 100
119 96.9 78.0 117.0
121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 47.886 ug/l

RT: 9.275 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 17523

Ion Ratio Lower Upper

83 100

55 70.3 49.4 74.0

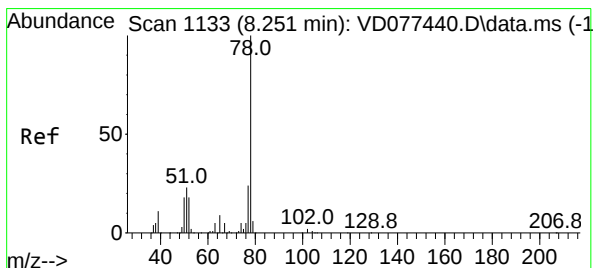
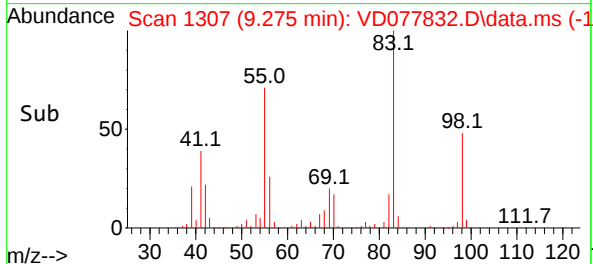
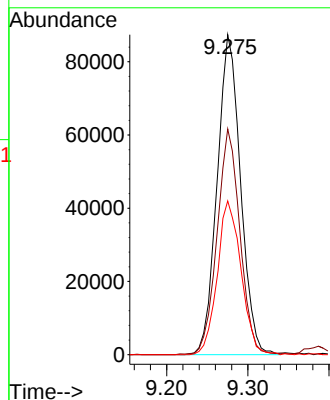
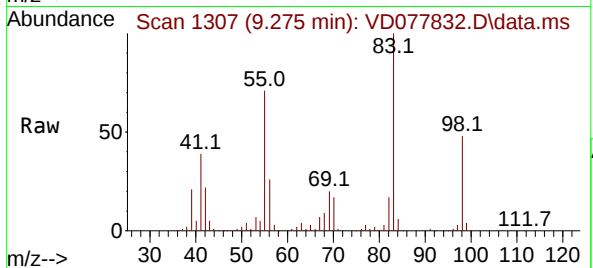
98 48.0 38.4 57.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#40

Benzene

Concen: 46.207 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077832.D

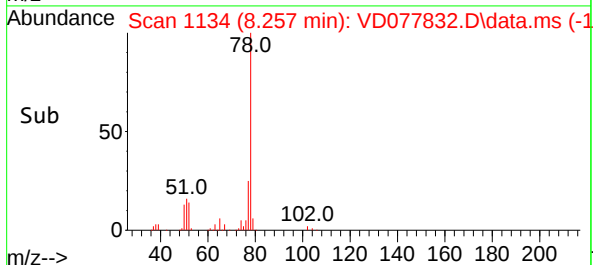
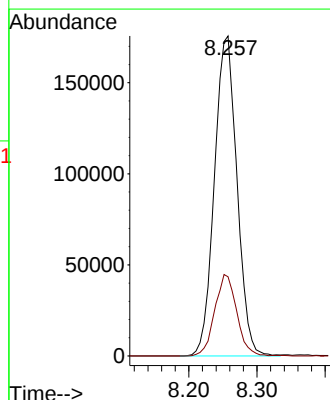
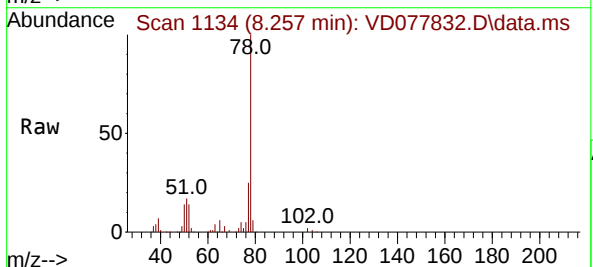
Acq: 12 Dec 2023 09:40

Tgt Ion: 78 Resp: 404817

Ion Ratio Lower Upper

78 100

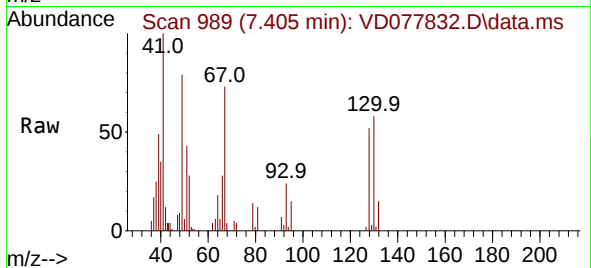
77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 44.512 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

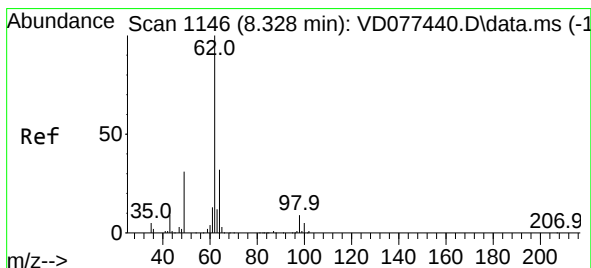
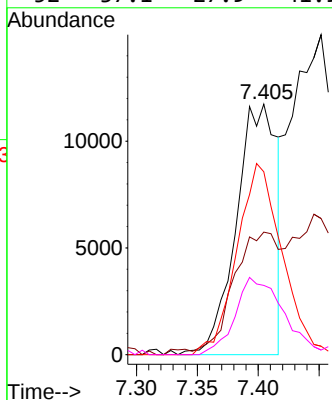
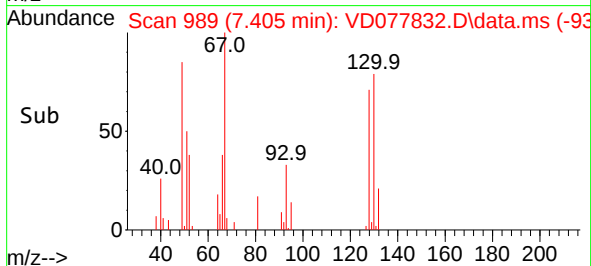
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



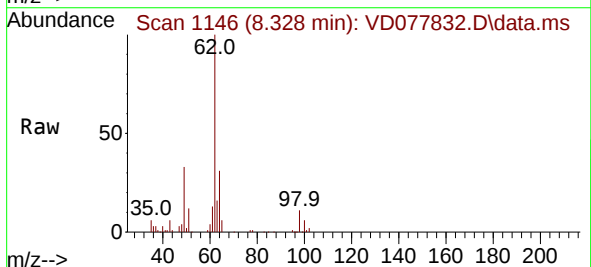
Tgt Ion: 41 Resp: 27230
Ion Ratio Lower Upper
41 100
39 50.7 34.0 51.0
67 84.7 77.0 115.4
52 37.1 27.9 41.9

Manual Integrations
APPROVED

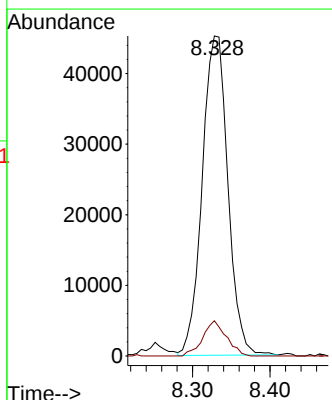
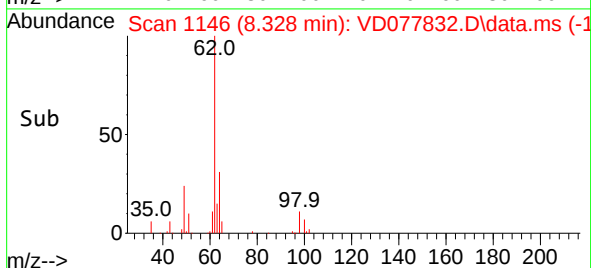
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

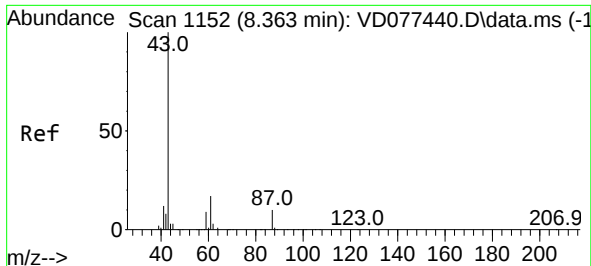


#42
1,2-Dichloroethane
Concen: 45.899 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



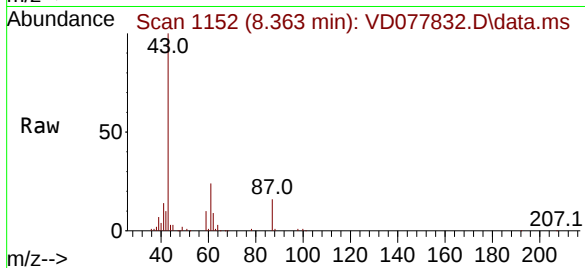
Tgt Ion: 62 Resp: 104236
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4





#43
Isopropyl Acetate
Concen: 46.315 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

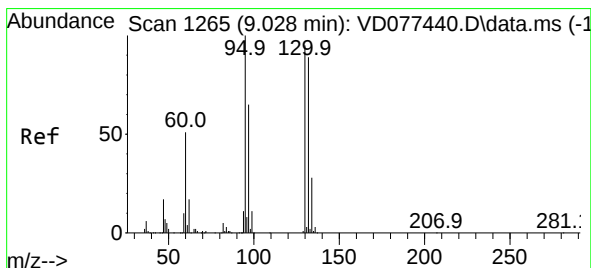
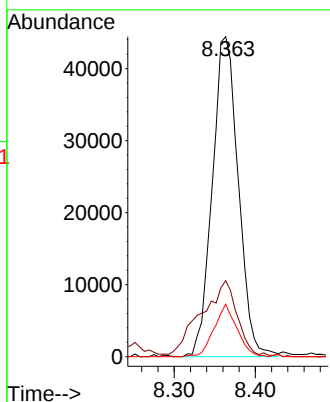
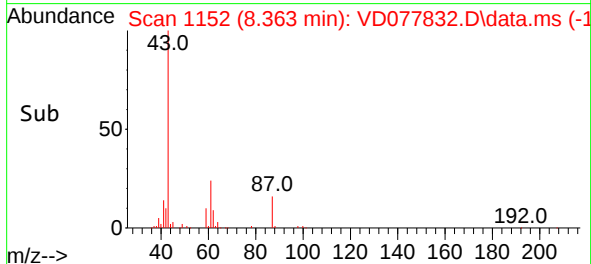
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



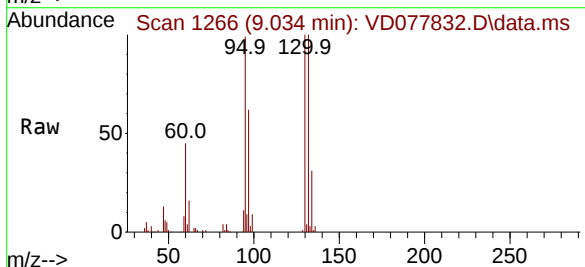
Tgt Ion: 43 Resp: 9909
Ion Ratio Lower Upper
43 100
61 33.4 31.4 47.0
87 14.4 14.9 22.3

Manual Integrations
APPROVED

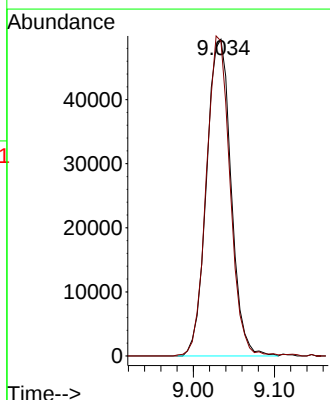
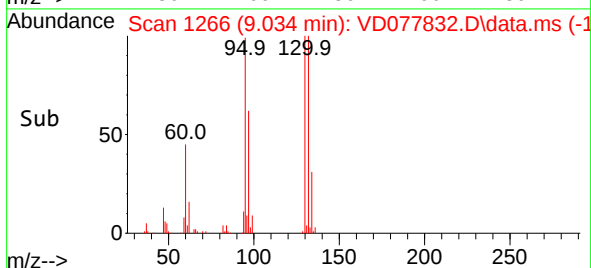
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

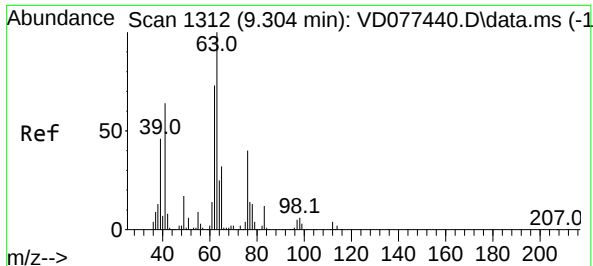


#44
Trichloroethene
Concen: 45.396 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



Tgt Ion:130 Resp: 103644
Ion Ratio Lower Upper
130 100
95 99.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 45.913 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 97784

Ion Ratio Lower Upper

63 100

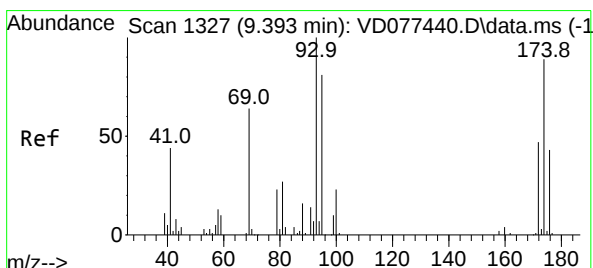
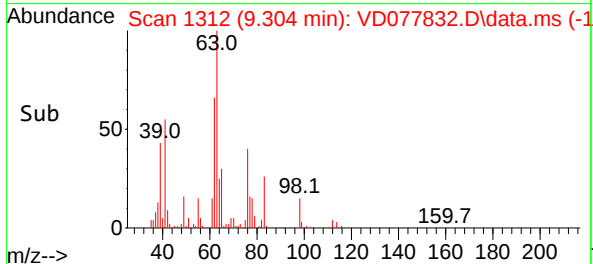
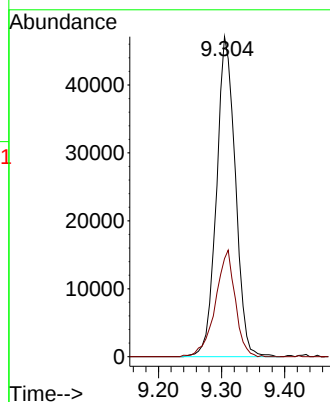
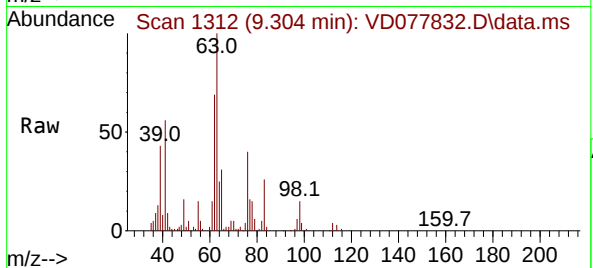
65 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#46

Dibromomethane

Concen: 45.198 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

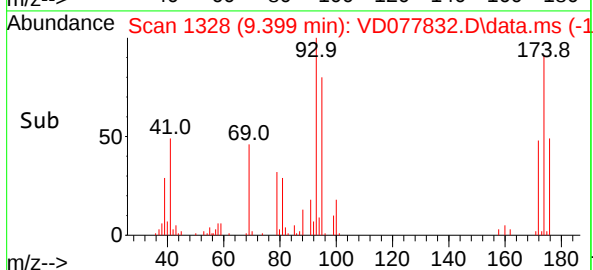
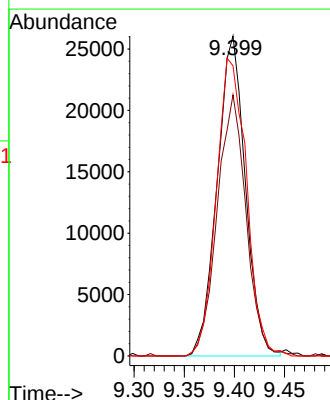
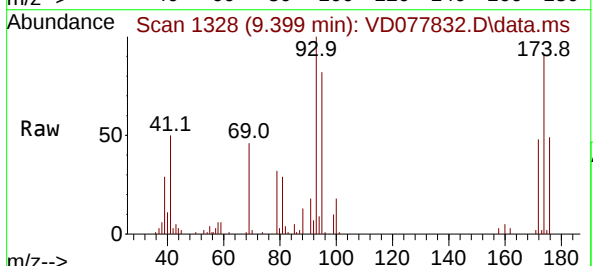
Tgt Ion: 93 Resp: 50933

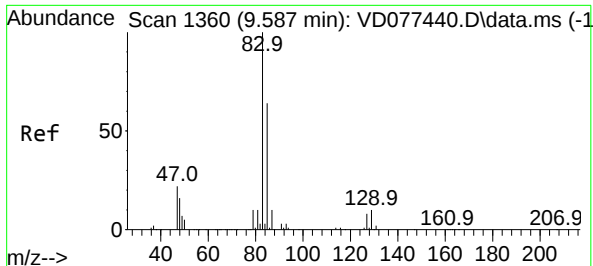
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 99.3 85.4 128.2





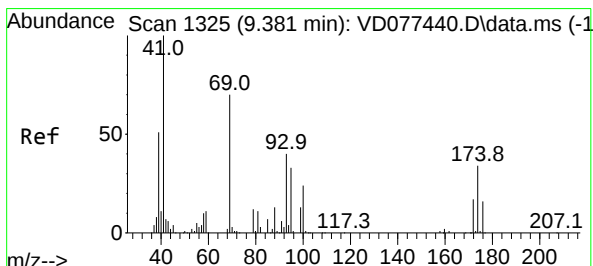
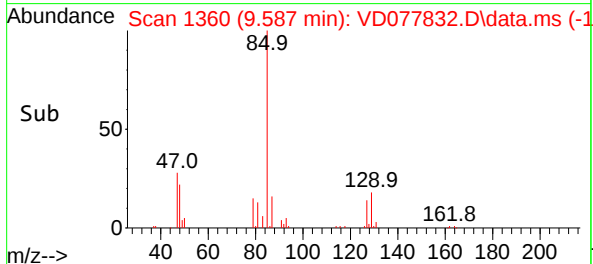
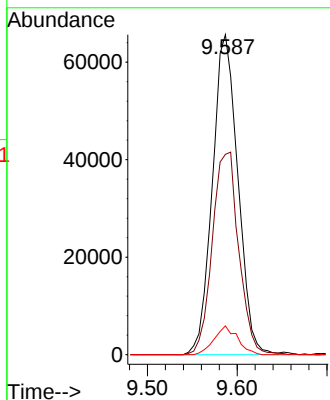
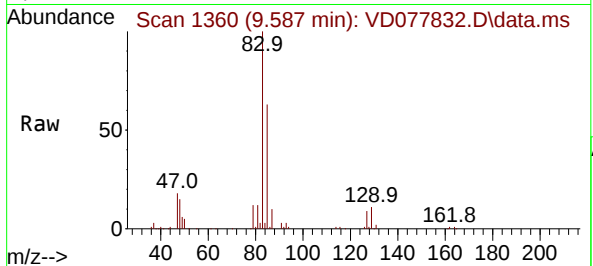
#47
Bromodichloromethane
Concen: 45.275 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 129318
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 9.0 6.3 9.5

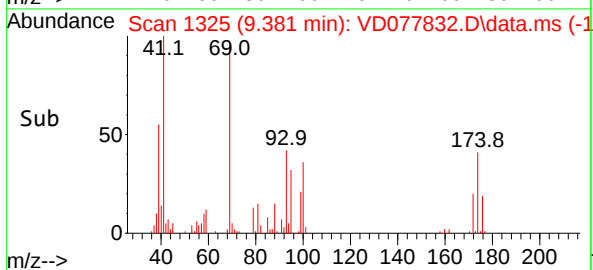
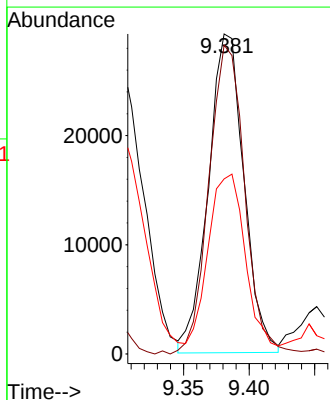
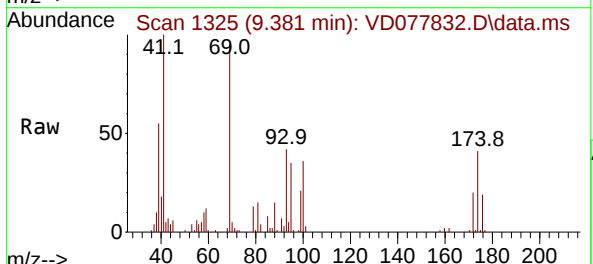
Manual Integrations
APPROVED

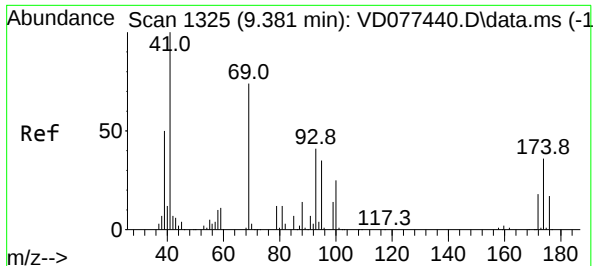
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#48
Methyl methacrylate
Concen: 45.281 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 41 Resp: 55072
Ion Ratio Lower Upper
41 100
69 97.4 102.2 153.2#
39 54.9 41.4 62.2





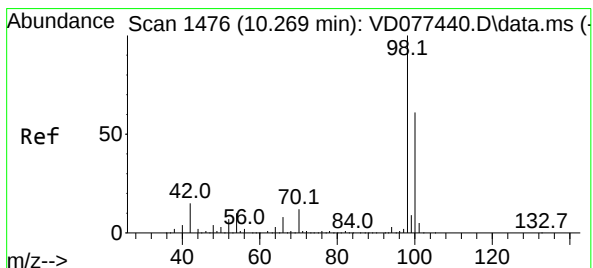
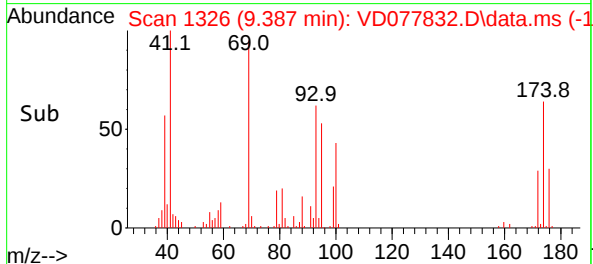
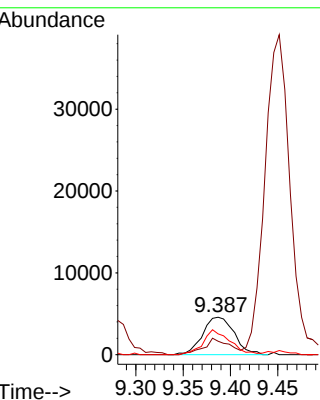
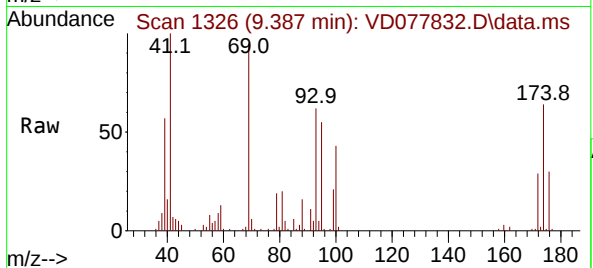
#49
1,4-Dioxane
Concen: 948.463 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 1061
Ion Ratio Lower Upper
88 100
43 34.7 19.0 28.6
58 56.1 43.5 65.3

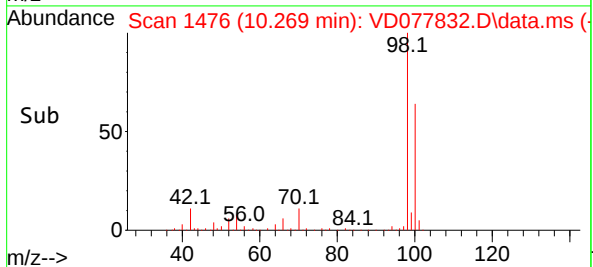
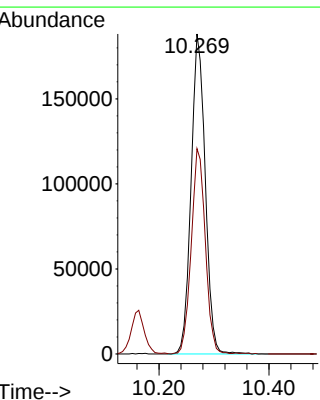
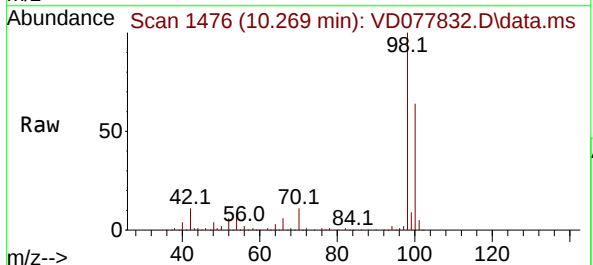
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#50
Toluene-d8
Concen: 43.394 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

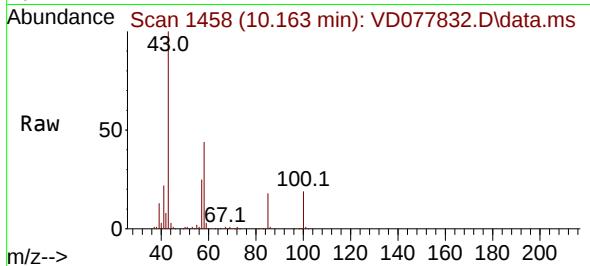
Tgt Ion: 98 Resp: 335394
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 231.736 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

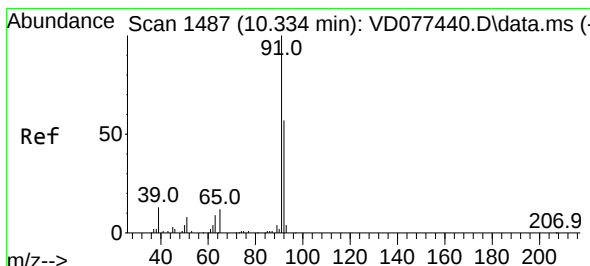
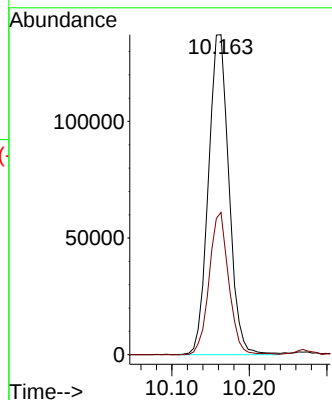
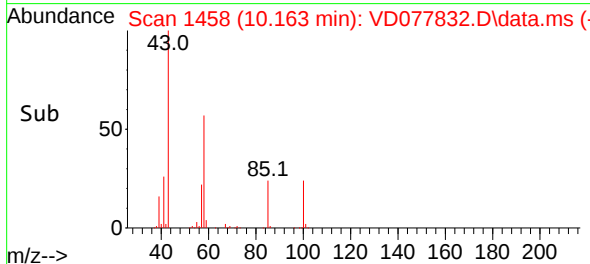
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 253045
Ion Ratio Lower Upper
43 100
58 42.3 38.9 58.3

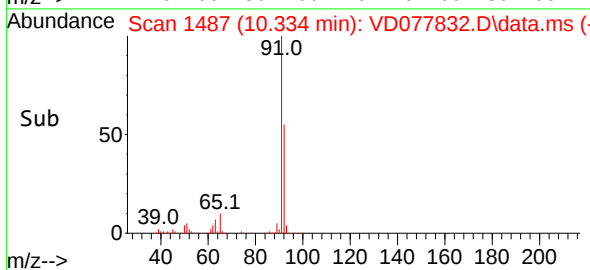
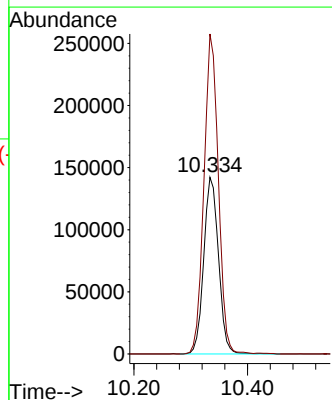
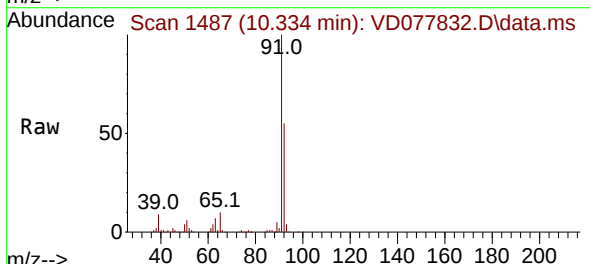
Manual Integrations
APPROVED

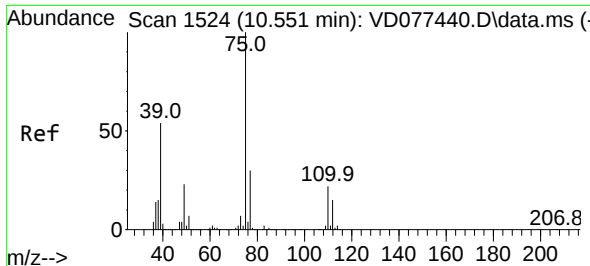
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#52
Toluene
Concen: 47.098 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 92 Resp: 255952
Ion Ratio Lower Upper
92 100
91 176.5 143.0 214.4





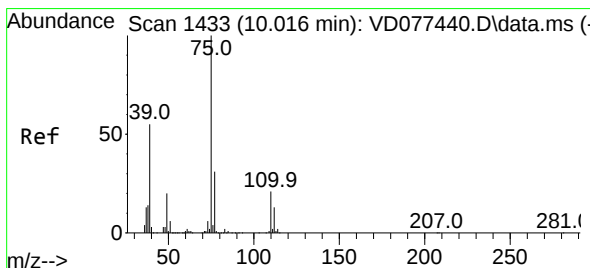
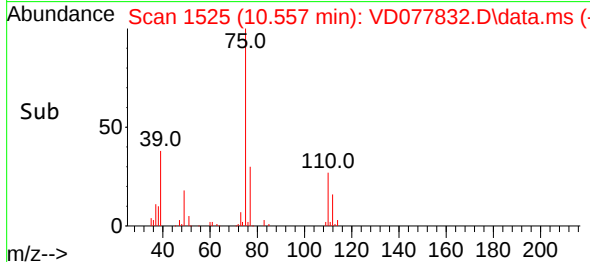
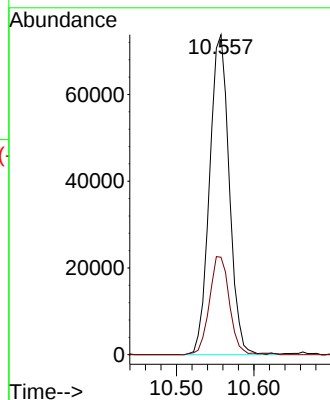
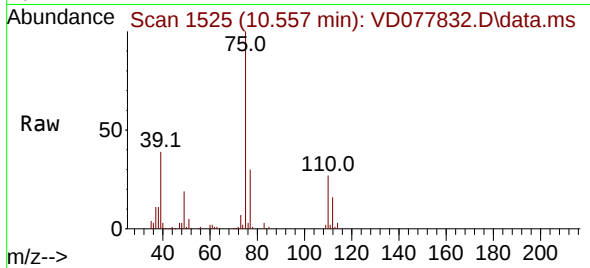
#53
t-1,3-Dichloropropene
Concen: 47.395 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 129999
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9

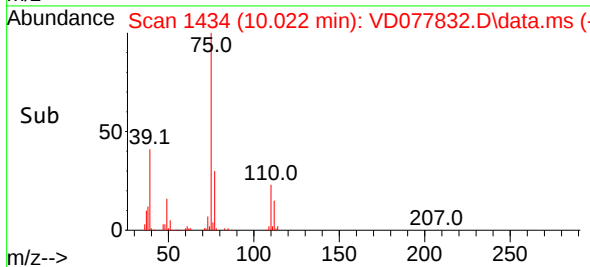
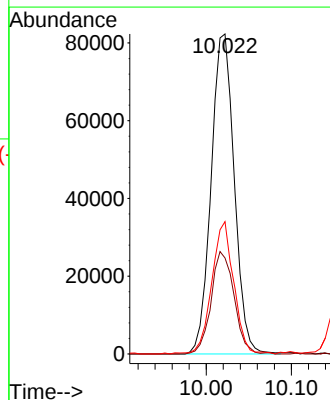
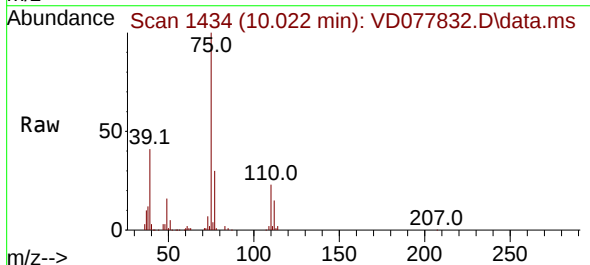
Manual Integrations
APPROVED

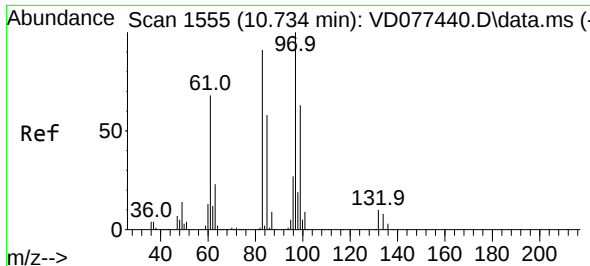
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#54
cis-1,3-Dichloropropene
Concen: 46.825 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

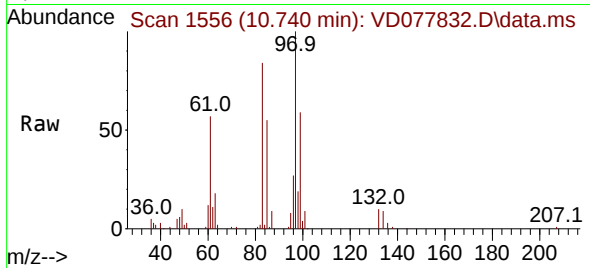
Tgt Ion: 75 Resp: 155283
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3
39 41.1 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 45.849 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

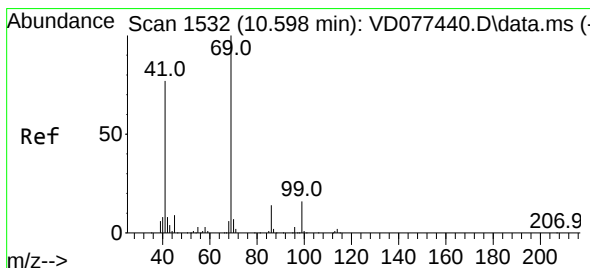
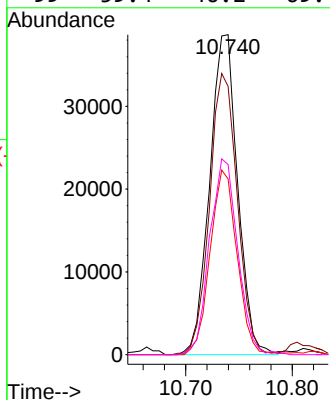
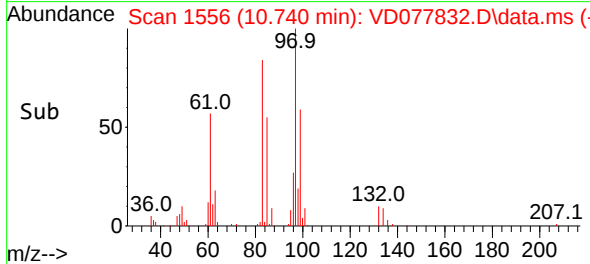
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	7067
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.6
85	54.9	45.7	68.5
99	59.4	46.2	69.4

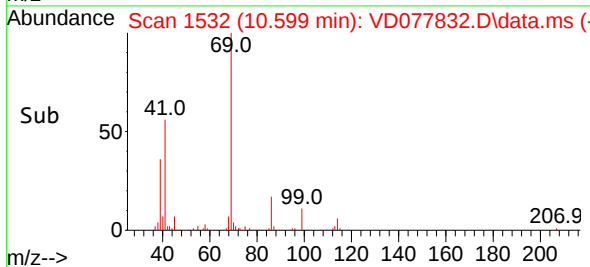
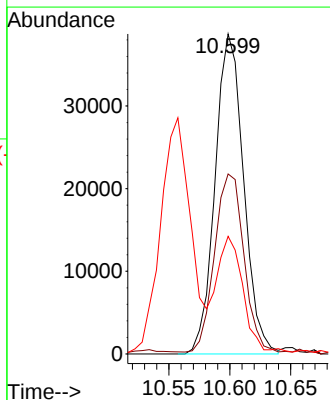
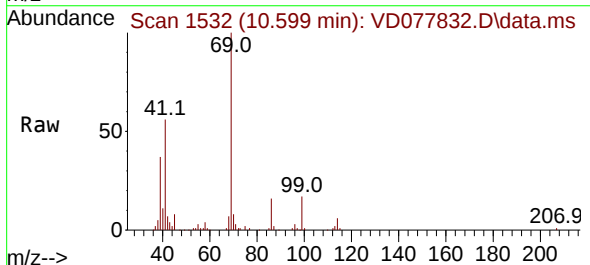
Manual Integrations
APPROVED

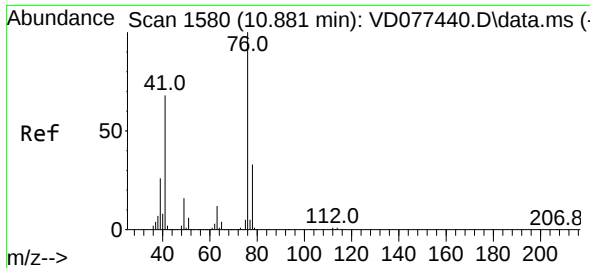
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#56
Ethyl methacrylate
Concen: 46.469 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

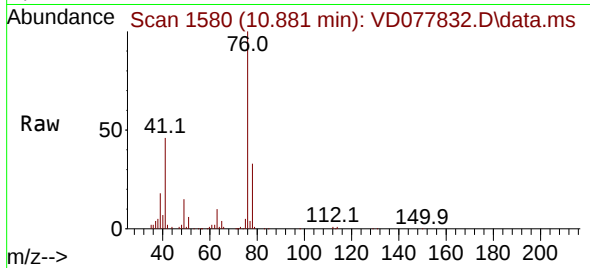
Tgt Ion:	69	Resp:	63142
Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.1	58.7
39	33.4	20.0	30.0





#57
1,3-Dichloropropane
Concen: 47.078 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

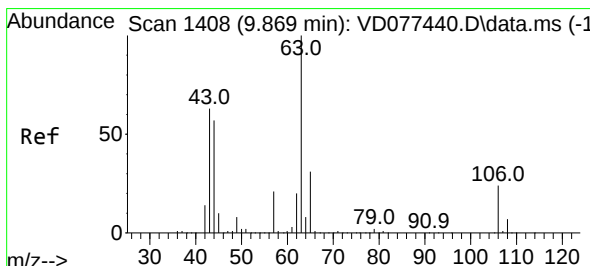
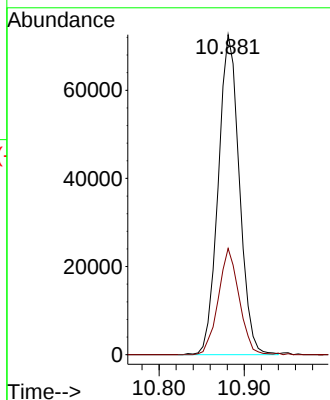
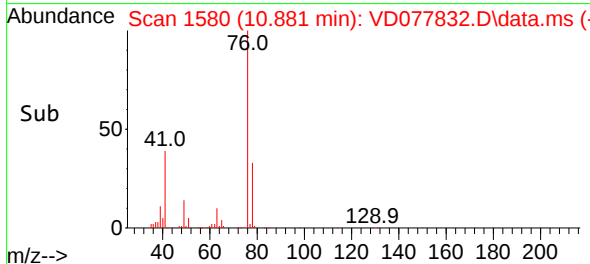
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 125084
Ion Ratio Lower Upper
76 100
78 32.7 26.4 39.6

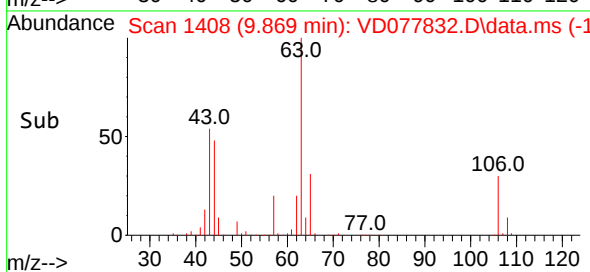
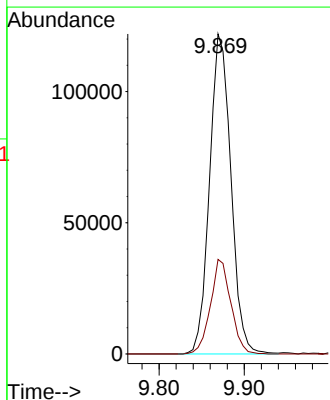
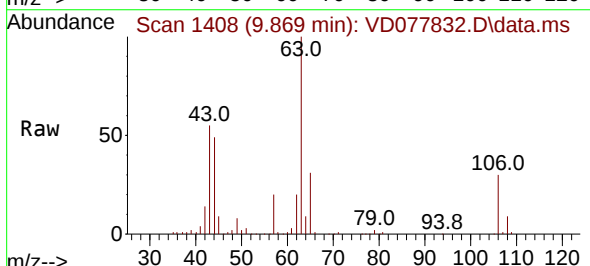
Manual Integrations
APPROVED

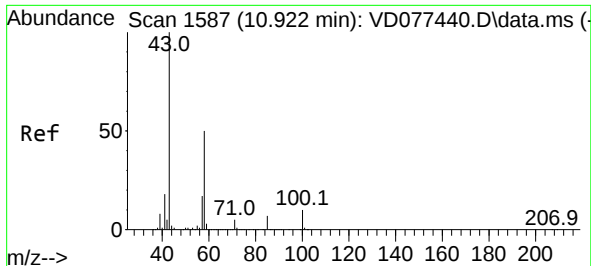
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 273.837 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

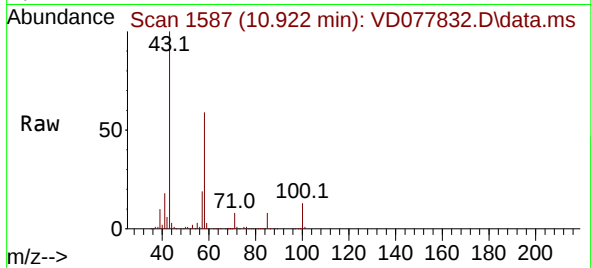
Tgt Ion: 63 Resp: 212194
Ion Ratio Lower Upper
63 100
106 28.2 25.3 37.9





#59
2-Hexanone
Concen: 206.048 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

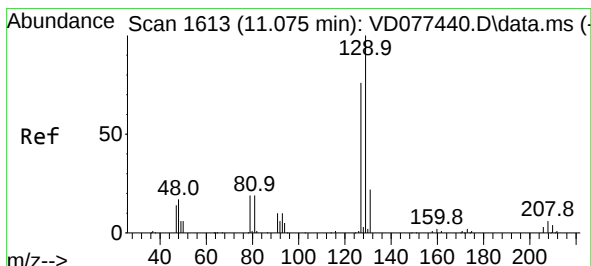
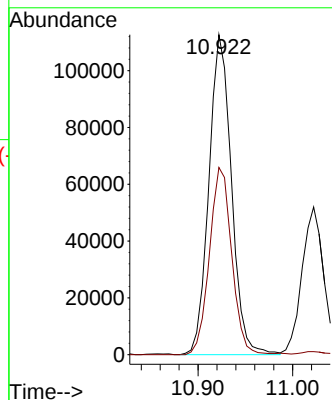
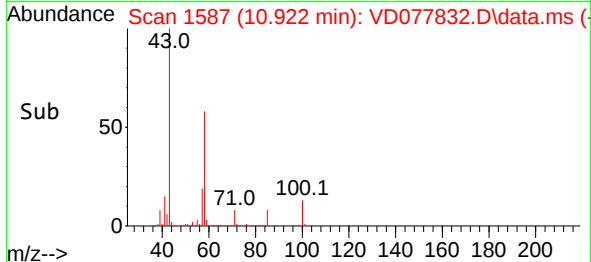
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 186660
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2

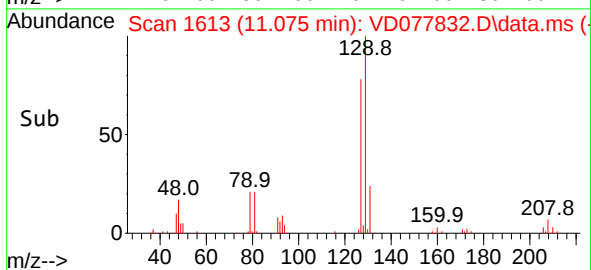
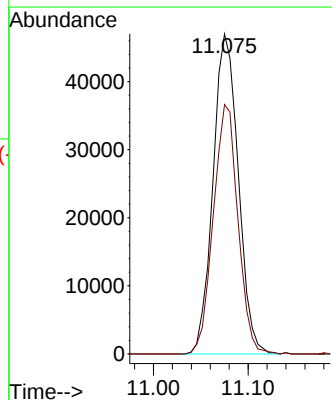
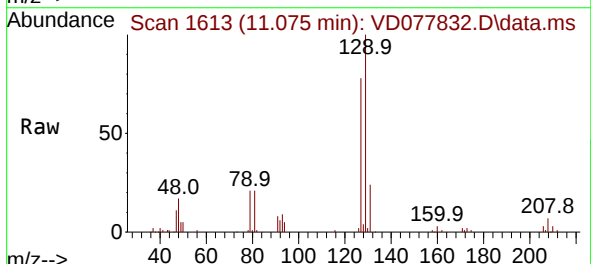
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#60
Dibromochloromethane
Concen: 46.963 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

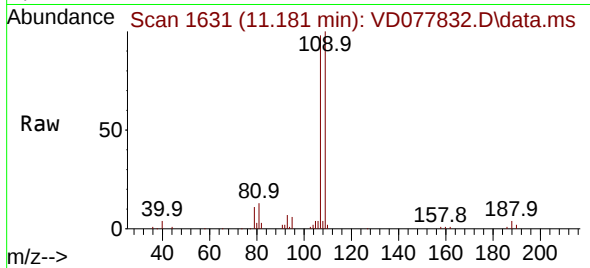
Tgt Ion:129 Resp: 87156
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 45.078 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

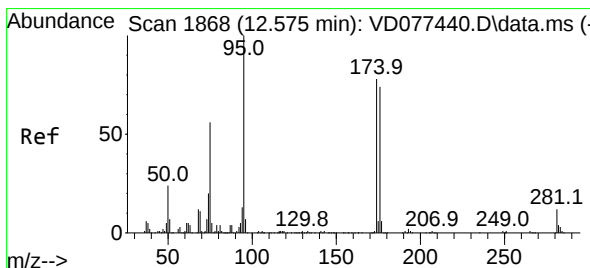
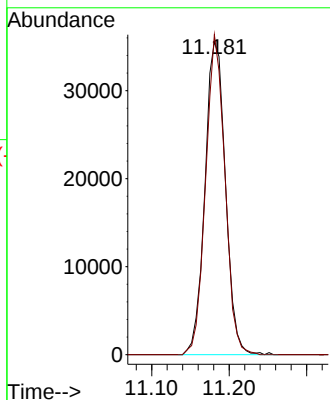
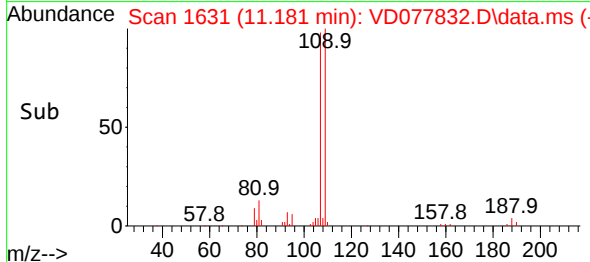
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



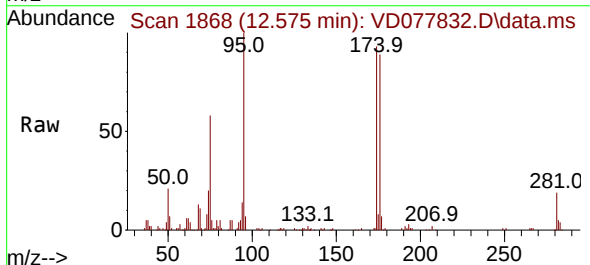
Tgt Ion:107 Resp: 65408
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4

Manual Integrations
APPROVED

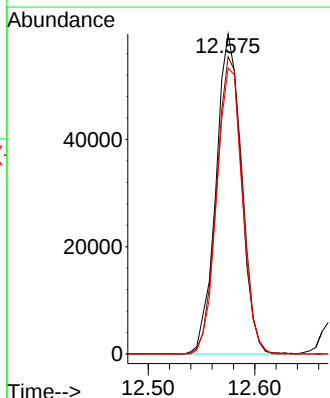
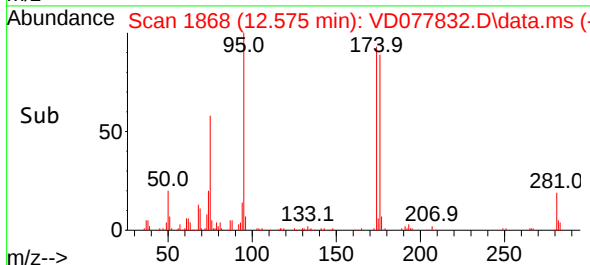
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

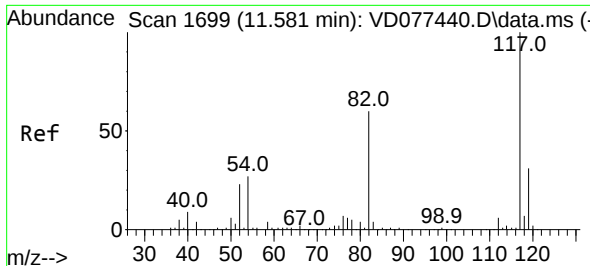


#62
4-Bromofluorobenzene
Concen: 42.364 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



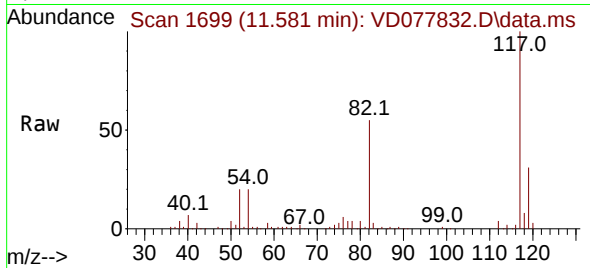
Tgt Ion: 95 Resp: 97894
Ion Ratio Lower Upper
95 100
174 96.2 0.0 201.8
176 90.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

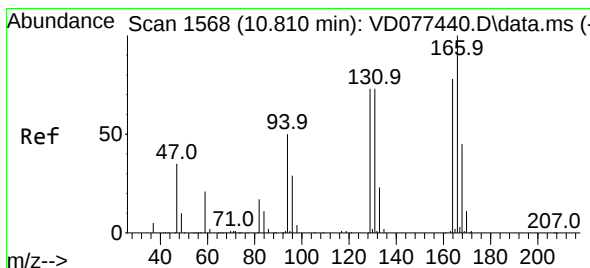
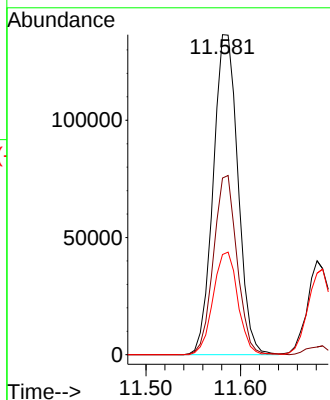
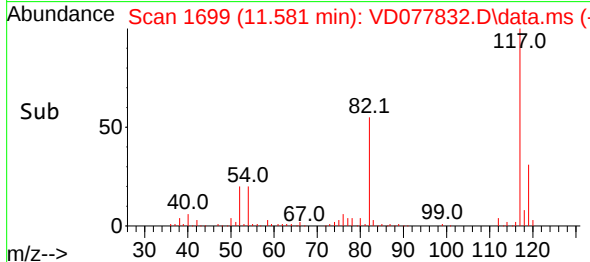
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 24772
Ion Ratio Lower Upper
117 100
82 55.2 38.3 57.5
119 31.3 25.0 37.4

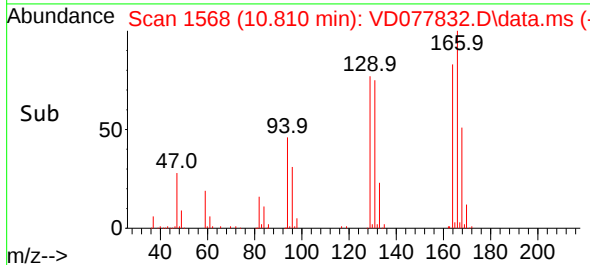
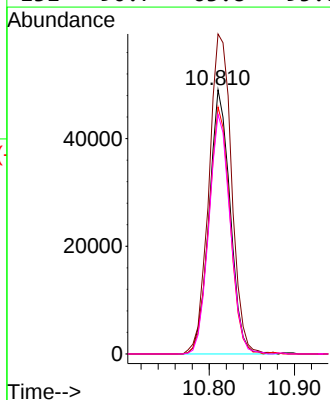
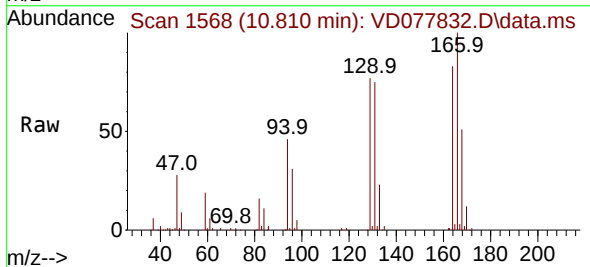
Manual Integrations
APPROVED

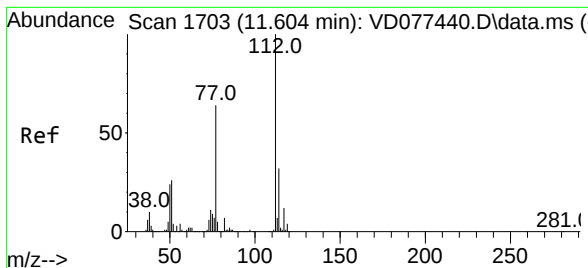
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#64
Tetrachloroethene
Concen: 46.252 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

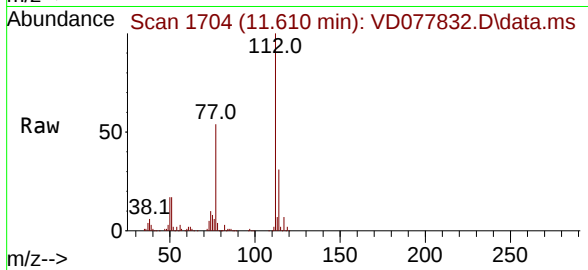
Tgt Ion:164 Resp: 84212
Ion Ratio Lower Upper
164 100
166 121.1 99.2 148.8
129 93.5 68.4 102.6
131 90.7 63.8 95.8





#65
Chlorobenzene
Concen: 44.471 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

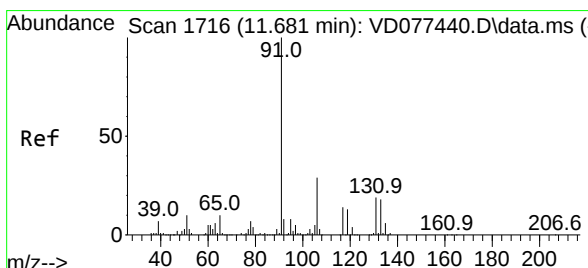
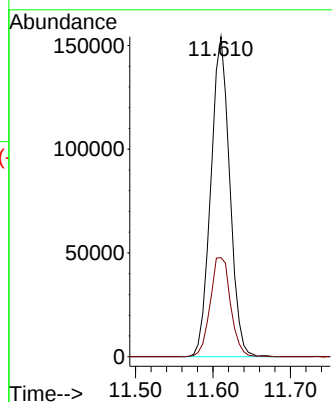
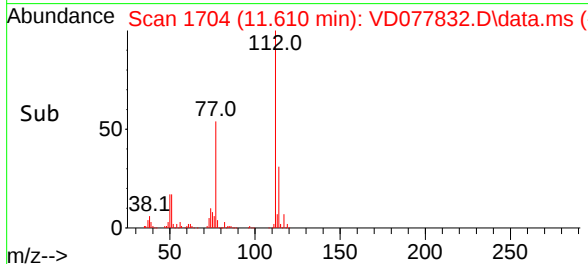
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



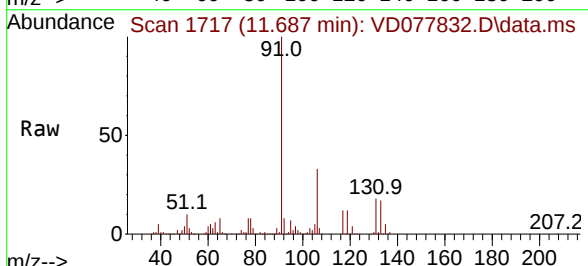
Tgt Ion:112 Resp: 260890
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7

Manual Integrations
APPROVED

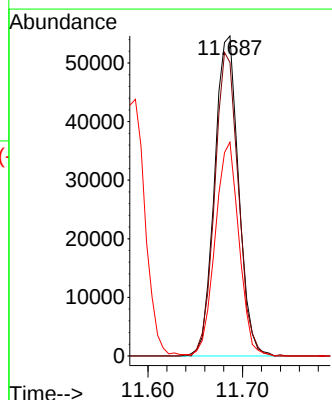
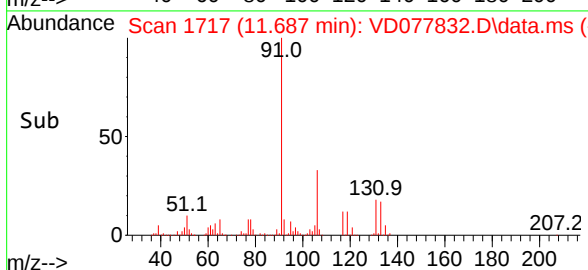
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

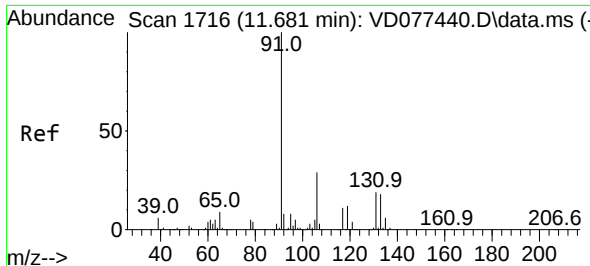


#66
1,1,1,2-Tetrachloroethane
Concen: 46.727 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



Tgt Ion:131 Resp: 96256
Ion Ratio Lower Upper
131 100
133 93.9 48.5 145.5
119 66.3 35.6 106.9





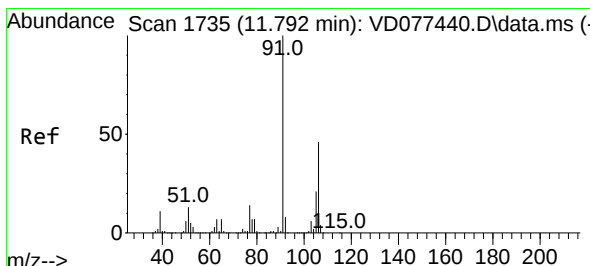
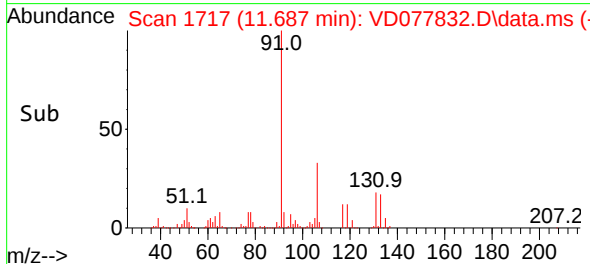
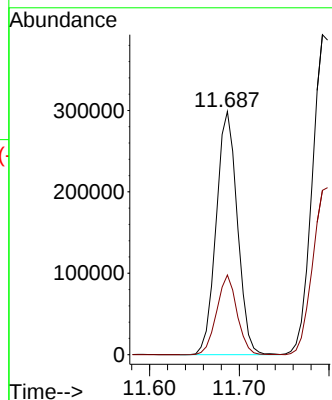
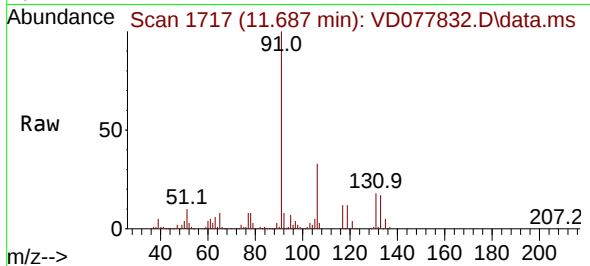
#67
Ethyl Benzene
Concen: 47.451 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 489380
Ion Ratio Lower Upper
91 100
106 32.8 26.5 39.7

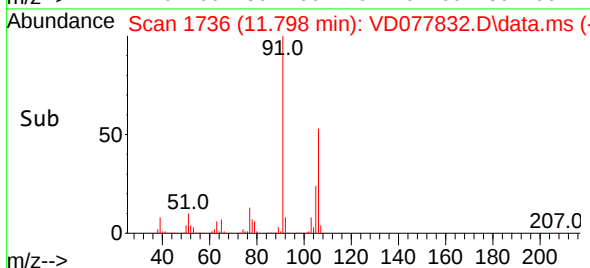
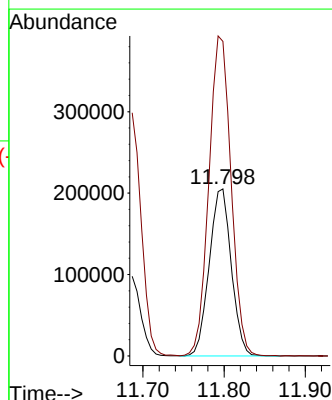
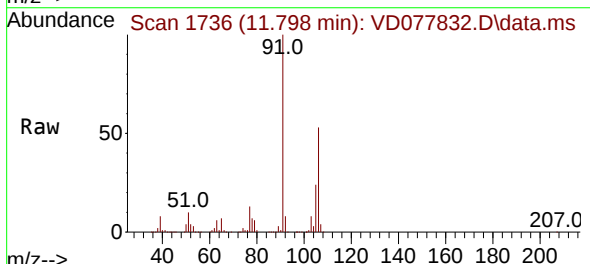
Manual Integrations
APPROVED

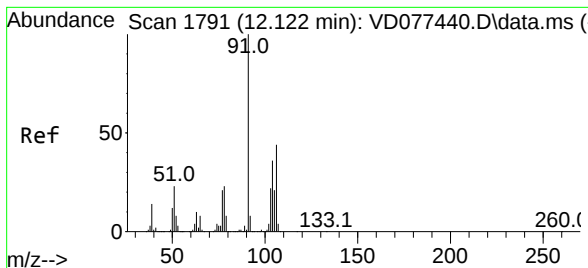
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#68
m/p-Xylenes
Concen: 98.053 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

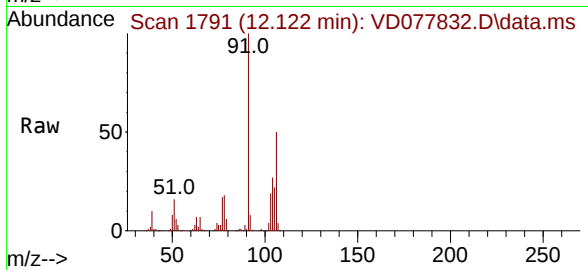
Tgt Ion:106 Resp: 386814
Ion Ratio Lower Upper
106 100
91 192.4 147.0 220.6





#69
o-Xylene
Concen: 48.424 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

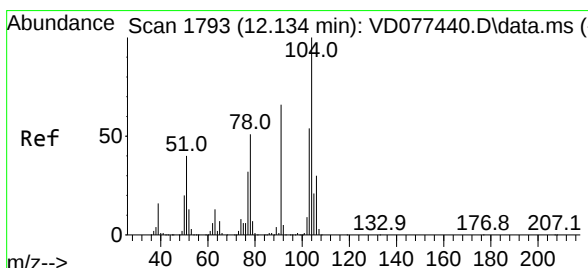
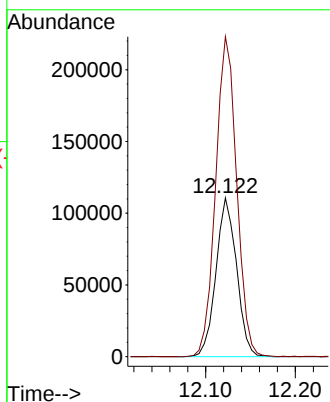
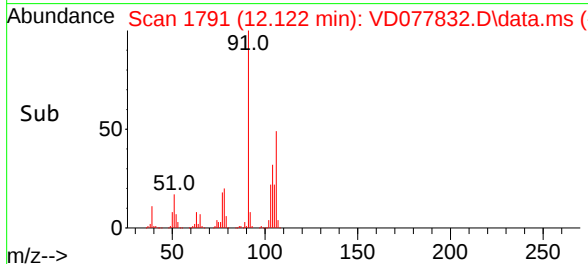
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



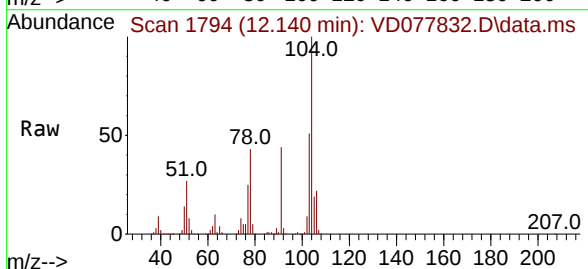
Tgt Ion:106 Resp: 17605
Ion Ratio Lower Upper
106 100
91 206.1 97.9 293.6

Manual Integrations
APPROVED

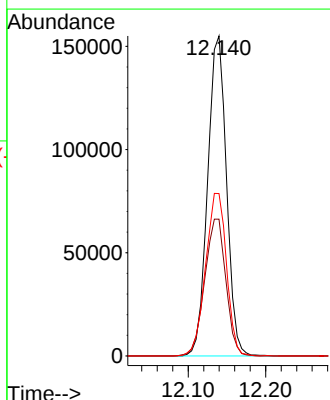
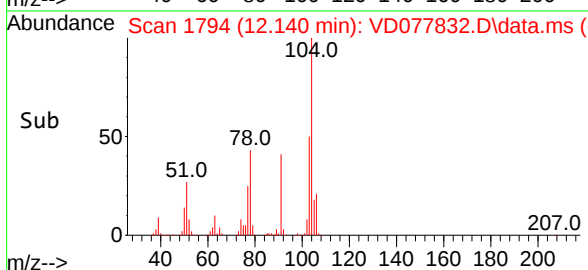
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

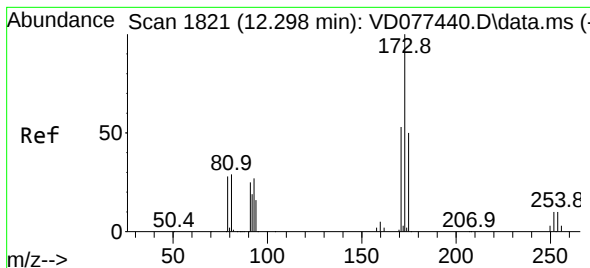


#70
Styrene
Concen: 48.489 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



Tgt Ion:104 Resp: 262140
Ion Ratio Lower Upper
104 100
78 48.1 33.2 49.8
103 56.4 43.6 65.4





#71

Bromoform

Concen: 47.652 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

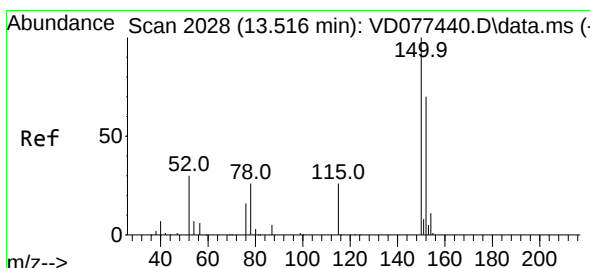
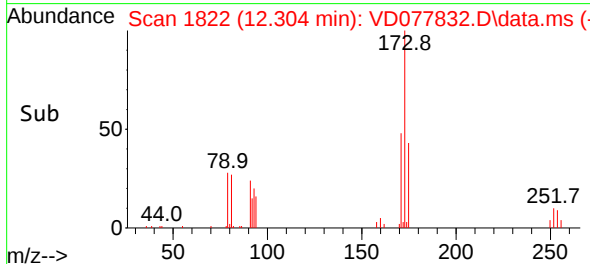
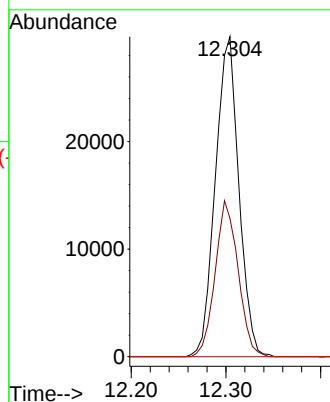
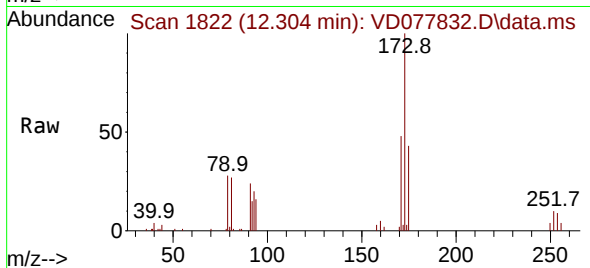
VSTDCCC050

Tgt Ion:173	Resp: 51290
Ion Ratio	Lower Upper
173	100
175	47.6 24.6 73.8
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

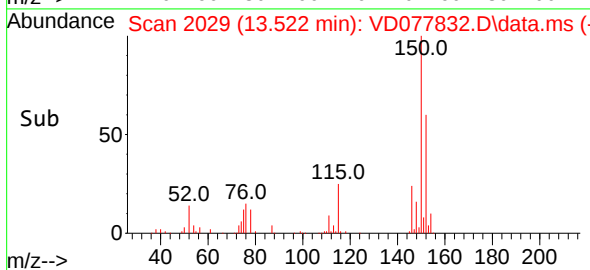
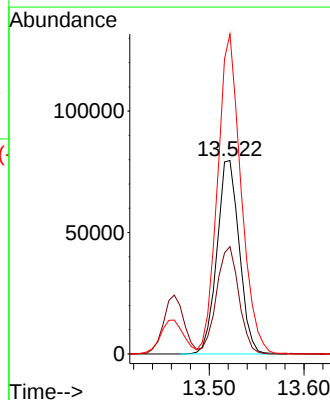
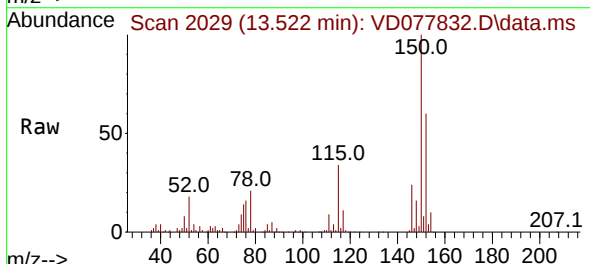
RT: 13.522 min Scan# 2029

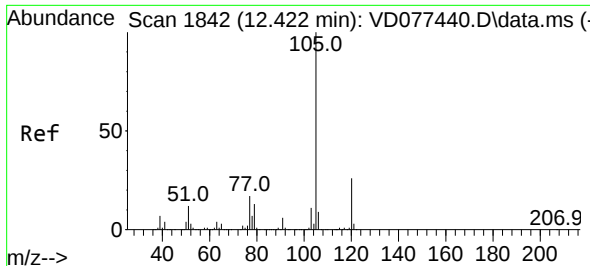
Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

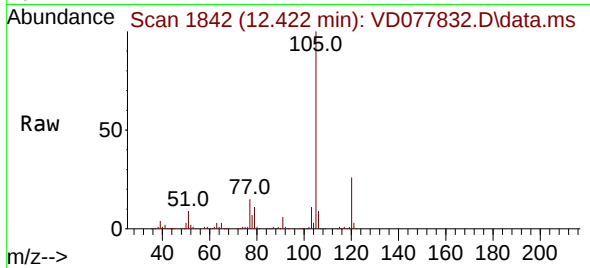
Tgt Ion:152	Resp: 130630
Ion Ratio	Lower Upper
152	100
115	55.9 27.1 81.3
150	173.7 0.0 353.6





#73
Isopropylbenzene
Concen: 47.295 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

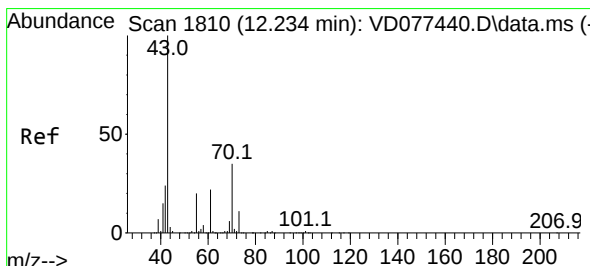
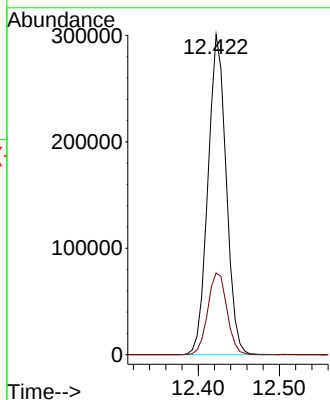
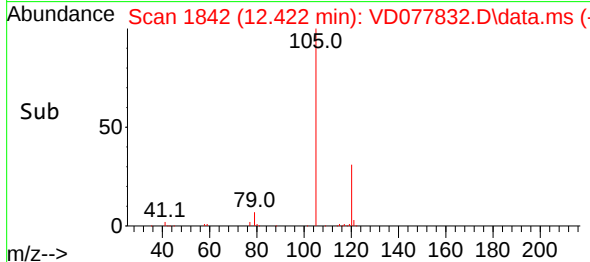
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 46824
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9

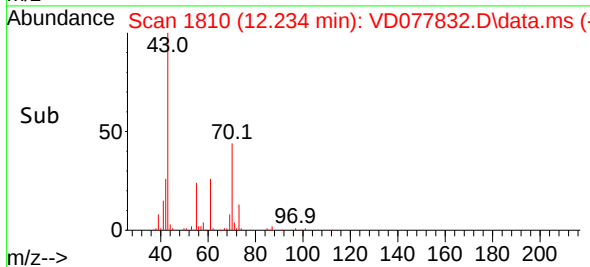
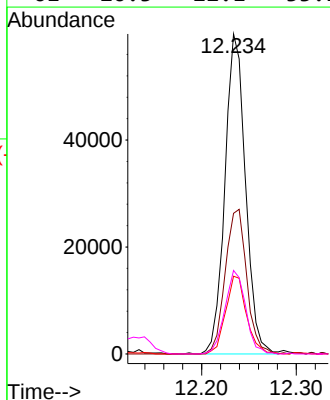
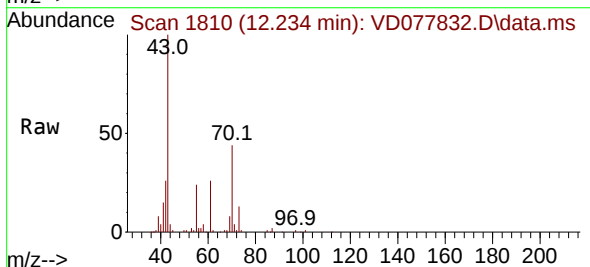
Manual Integrations
APPROVED

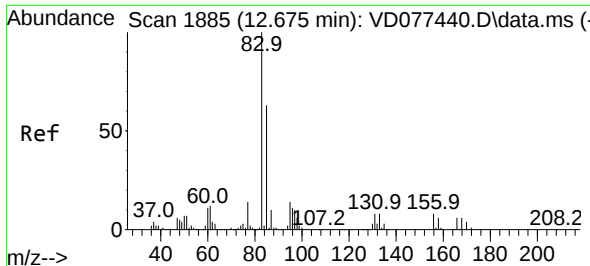
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#74
N-ethyl acetate
Concen: 46.398 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

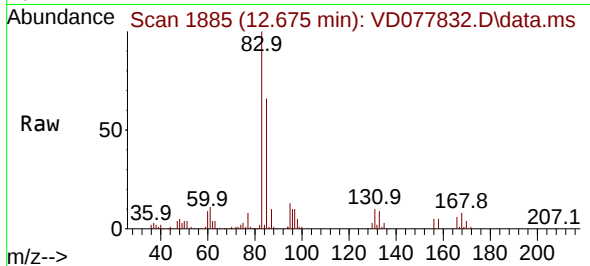
Tgt Ion: 43 Resp: 90298
Ion Ratio Lower Upper
43 100
70 47.3 45.0 67.4
55 24.7 23.8 35.6
61 26.3 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 46.618 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

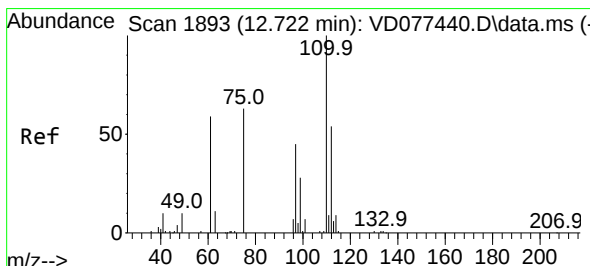
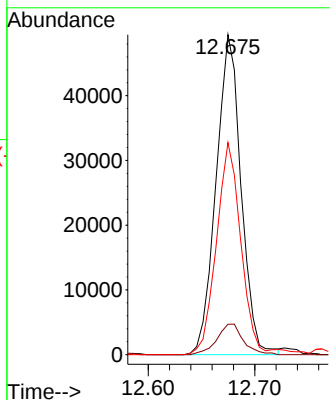
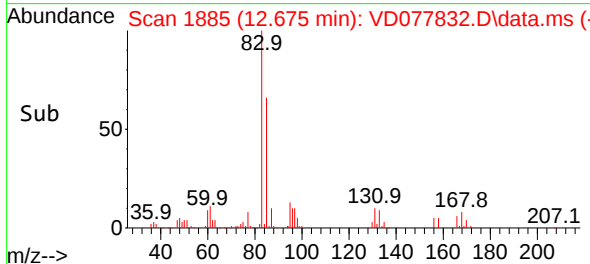
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



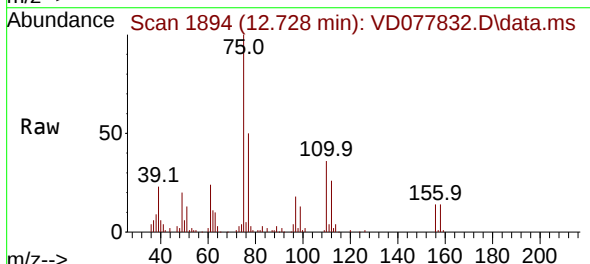
Tgt Ion: 83 Resp: 80470
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.4 32.6 97.8

Manual Integrations
APPROVED

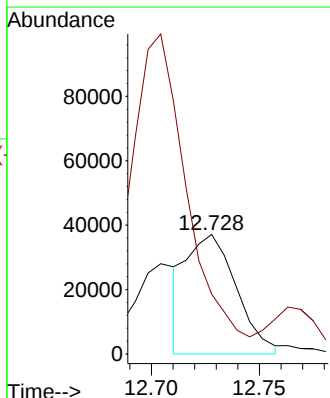
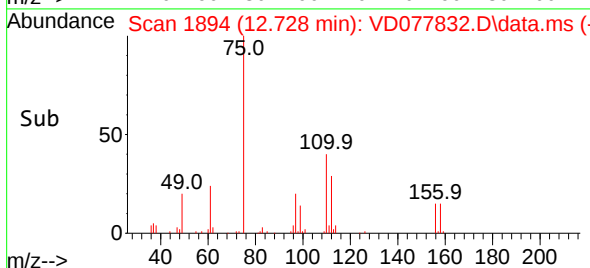
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

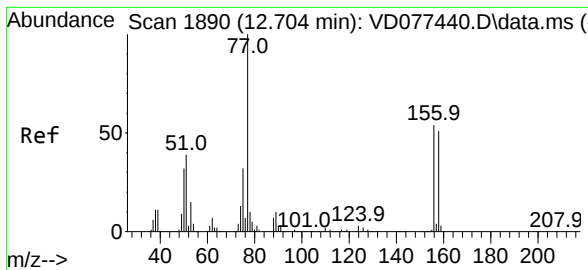


#76
1,2,3-Trichloropropane
Concen: 52.398 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



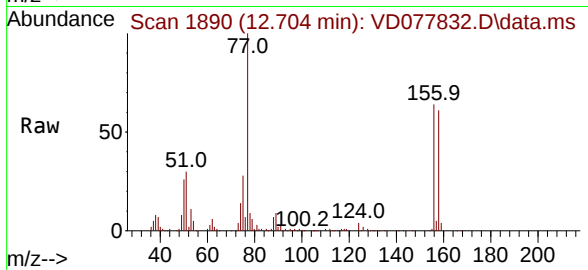
Tgt Ion: 75 Resp: 59447
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 45.775 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

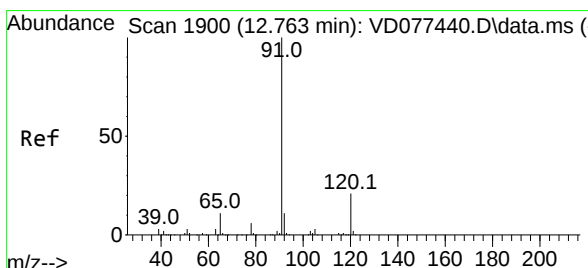
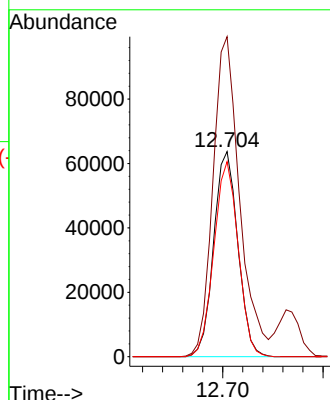
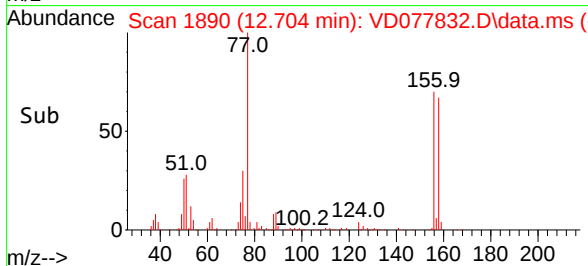
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 106598
Ion Ratio Lower Upper
156 100
77 171.9 76.8 230.4
158 95.7 48.6 145.9

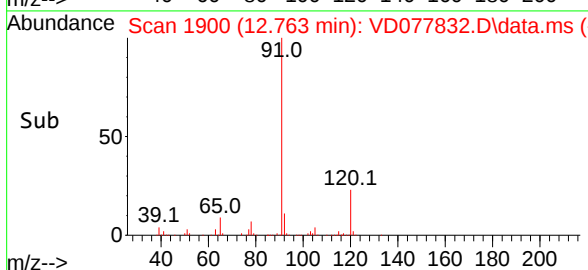
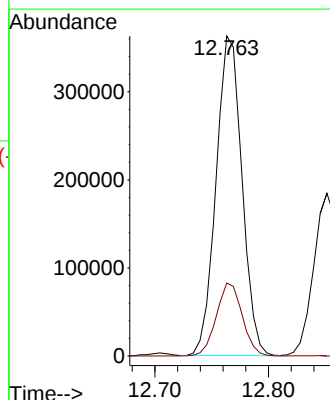
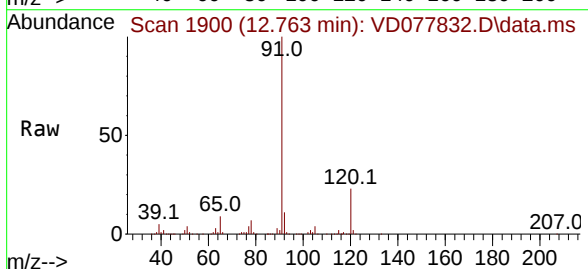
Manual Integrations
APPROVED

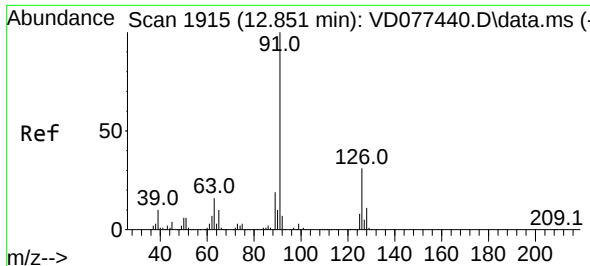
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#78
n-propylbenzene
Concen: 47.683 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 91 Resp: 575259
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2





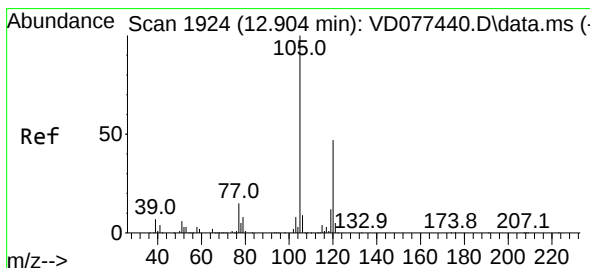
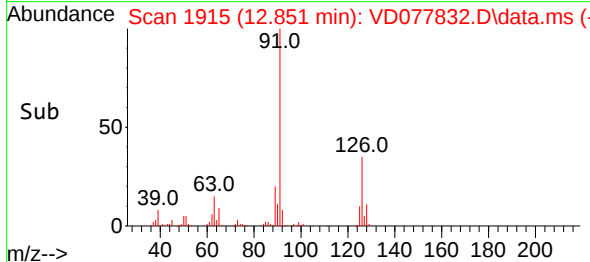
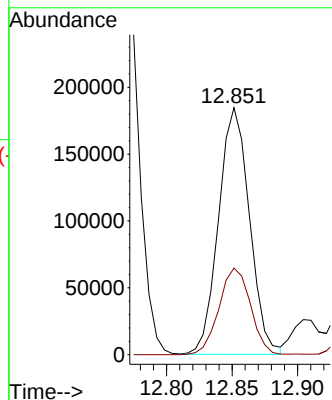
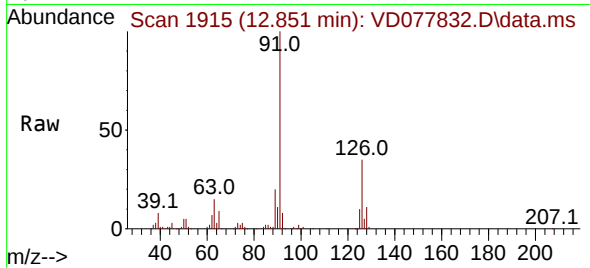
#79
2-Chlorotoluene
Concen: 46.840 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 302830
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1

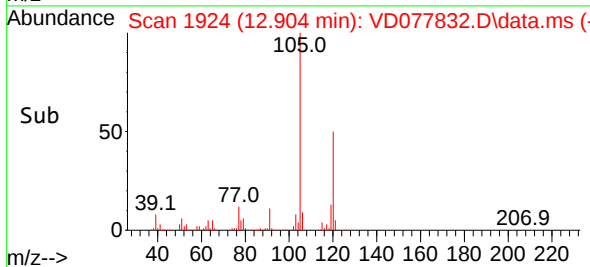
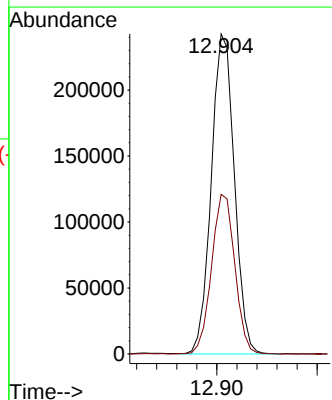
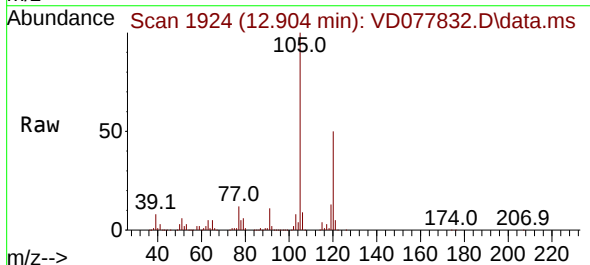
Manual Integrations
APPROVED

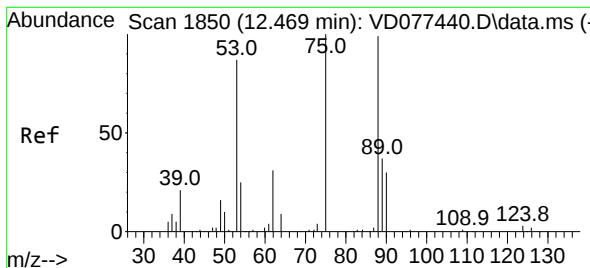
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.943 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:105 Resp: 387634
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2





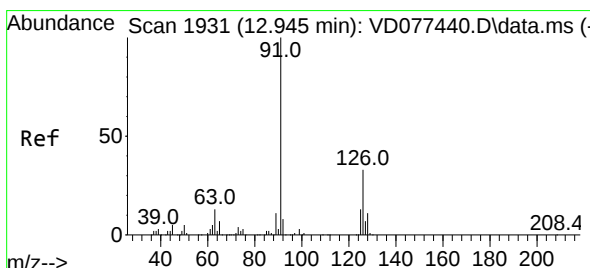
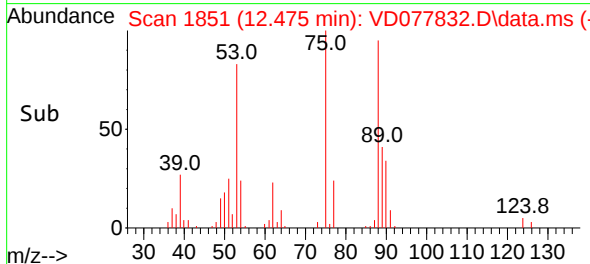
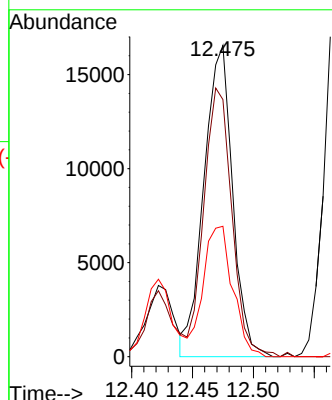
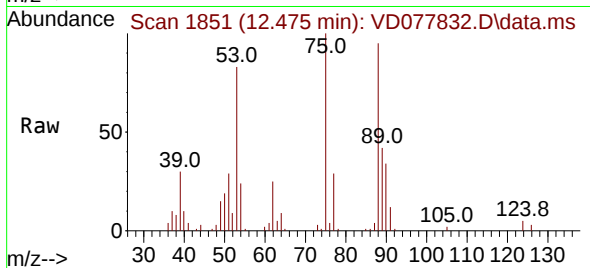
#81
trans-1,4-Dichloro-2-butene
Concen: 48.303 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 27048
Ion Ratio Lower Upper
75 100
53 84.5 63.0 94.4
89 43.3 37.9 56.9

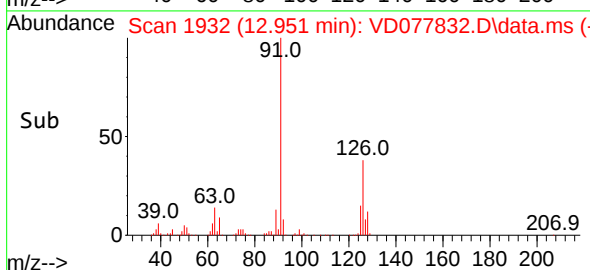
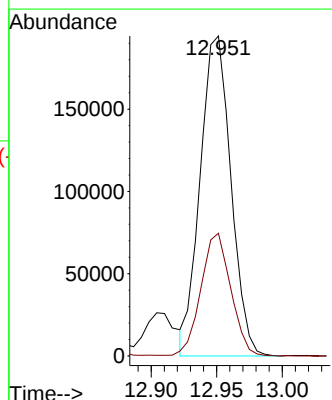
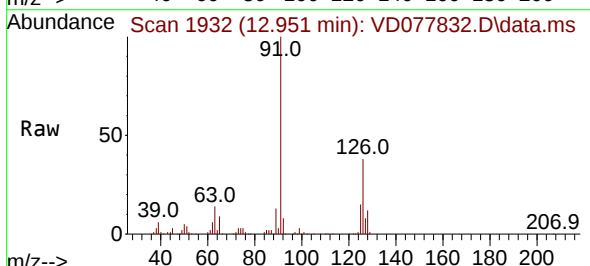
Manual Integrations
APPROVED

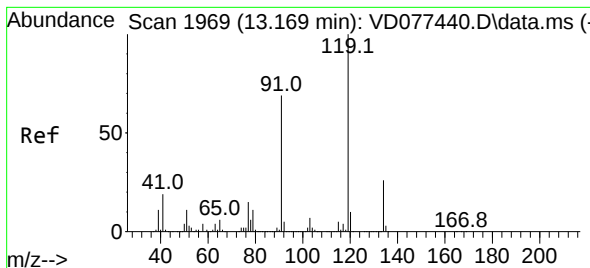
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#82
4-Chlorotoluene
Concen: 47.032 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

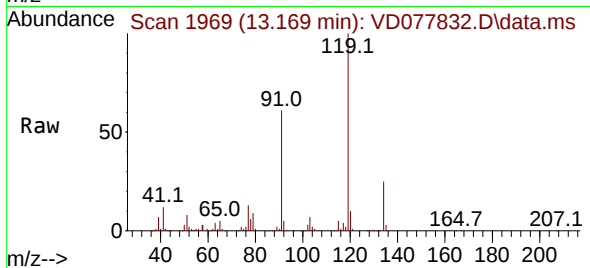
Tgt Ion: 91 Resp: 317891
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4





#83
tert-Butylbenzene
Concen: 47.787 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

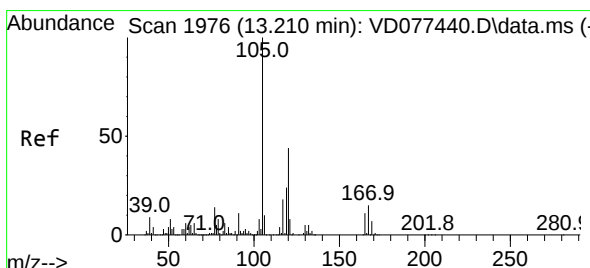
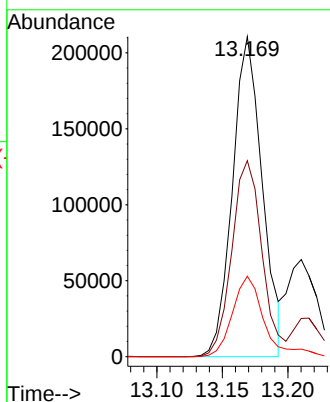
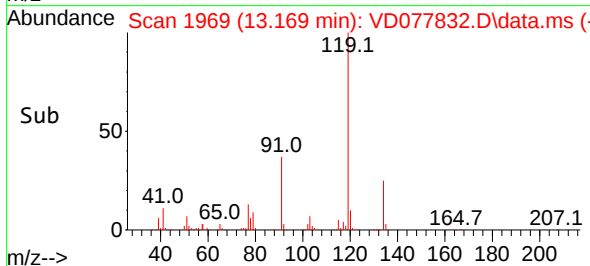
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



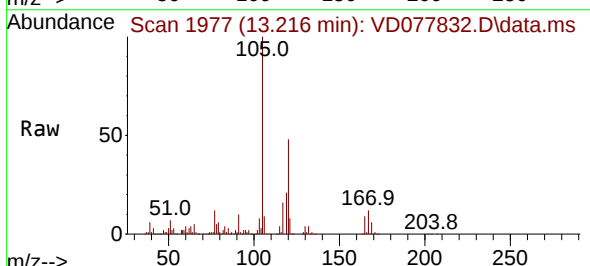
Tgt Ion:119 Resp: 333130
Ion Ratio Lower Upper
119 100
91 62.3 29.3 87.8
134 26.7 14.1 42.3

Manual Integrations
APPROVED

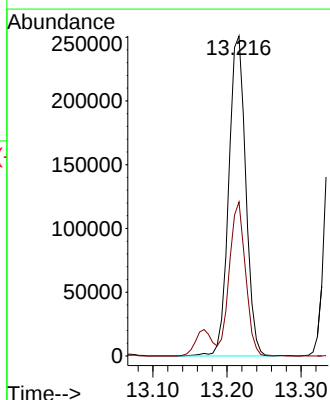
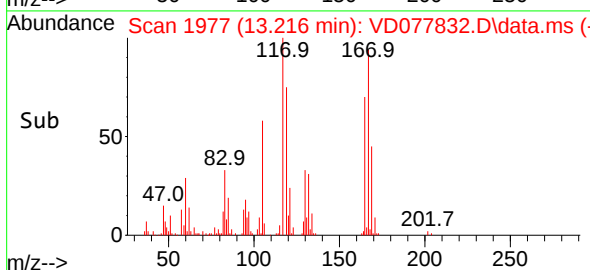
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

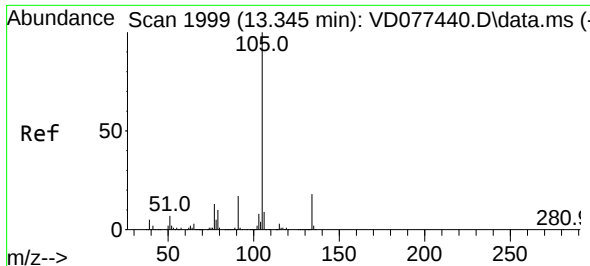


#84
1,2,4-Trimethylbenzene
Concen: 48.329 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



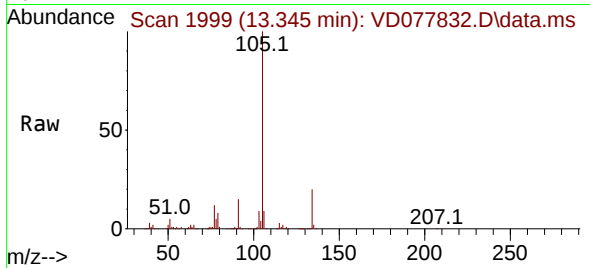
Tgt Ion:105 Resp: 399148
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 48.485 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

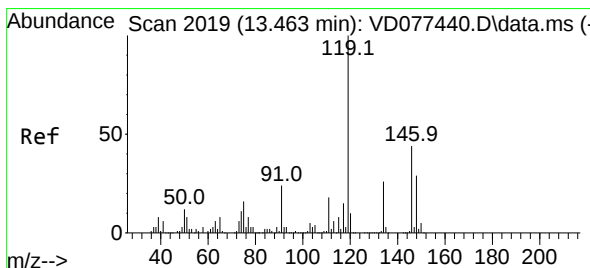
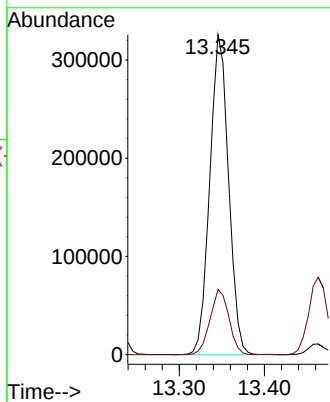
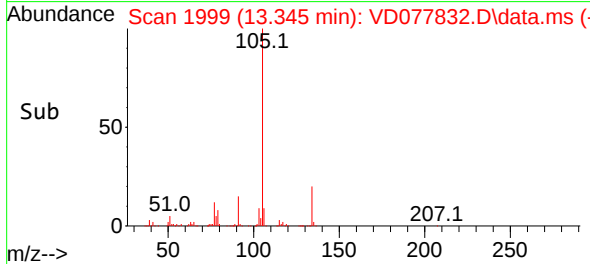
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



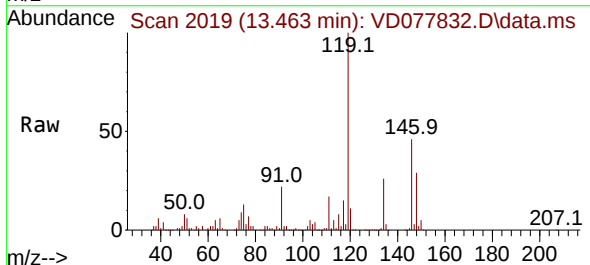
Tgt Ion:105 Resp: 499620
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9

Manual Integrations
 APPROVED

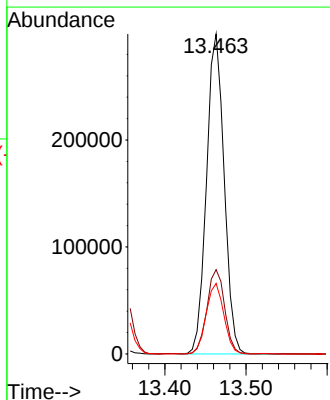
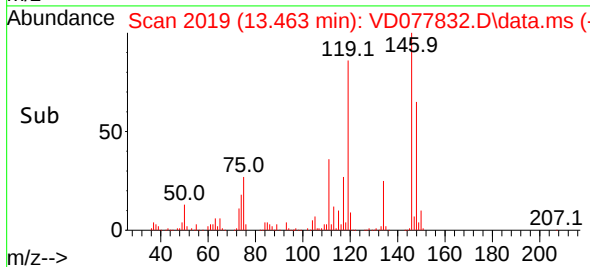
Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

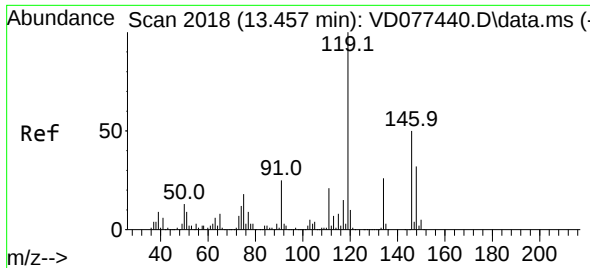


#86
 p-Isopropyltoluene
 Concen: 48.840 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40



Tgt Ion:119 Resp: 450591
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 22.2 10.5 31.5





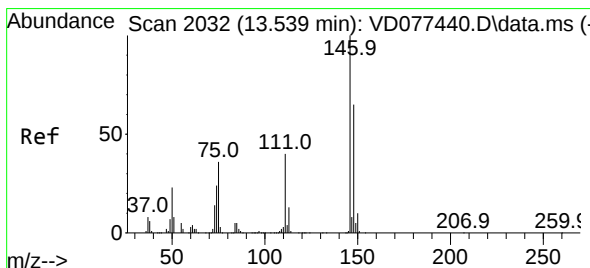
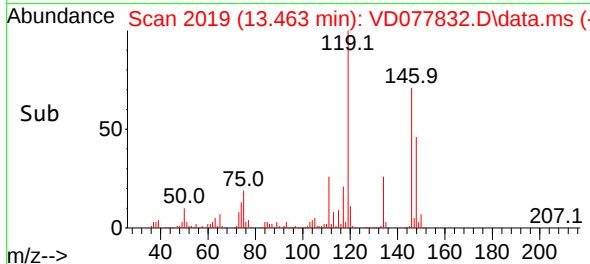
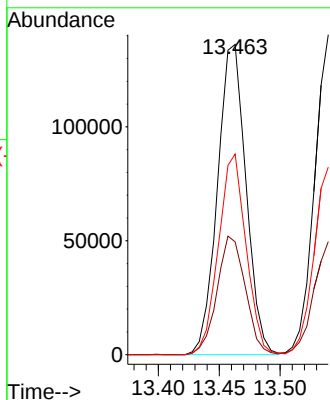
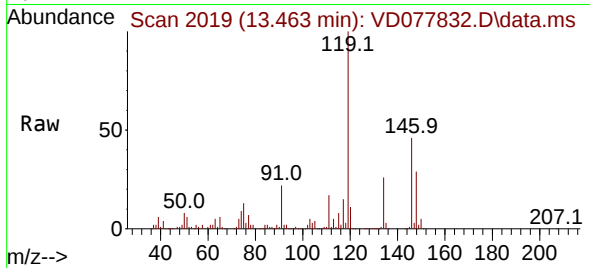
#87
1,3-Dichlorobenzene
Concen: 46.663 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 22222
Ion Ratio Lower Upper
146 100
111 37.9 17.9 53.8
148 62.6 32.3 96.8

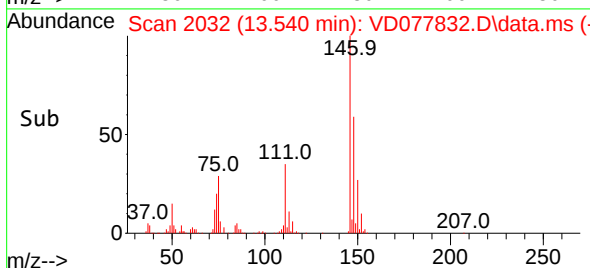
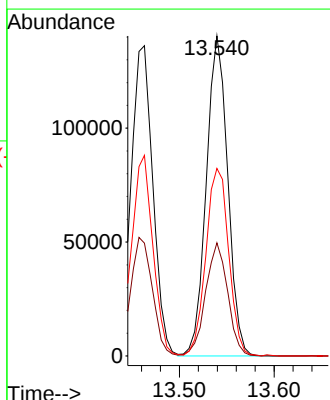
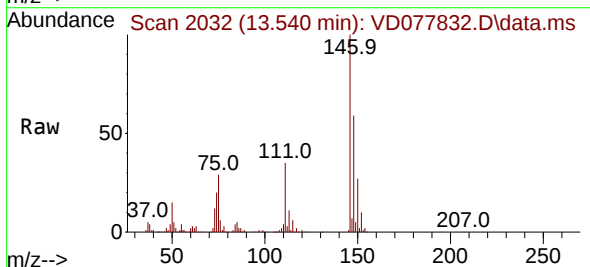
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#88
1,4-Dichlorobenzene
Concen: 46.323 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

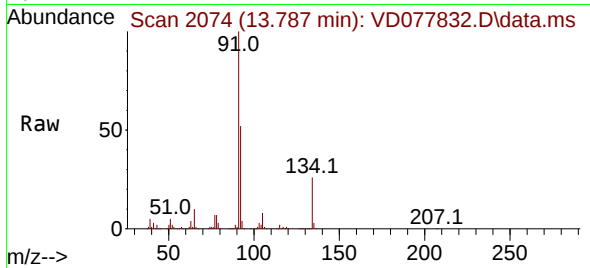
Tgt Ion:146 Resp: 220752
Ion Ratio Lower Upper
146 100
111 36.4 17.4 52.3
148 62.3 31.7 95.1





#89
n-Butylbenzene
Concen: 49.643 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

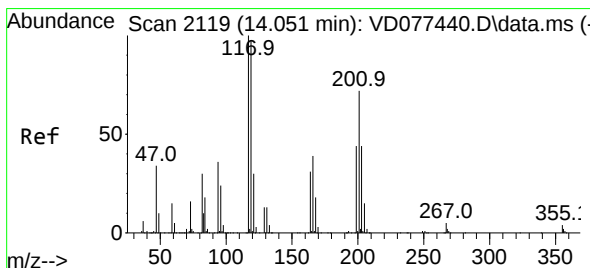
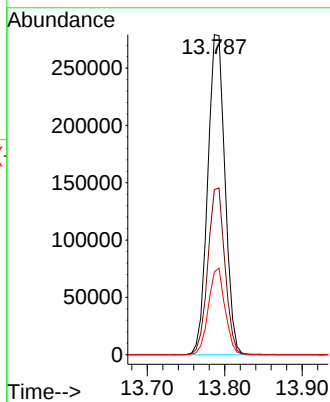
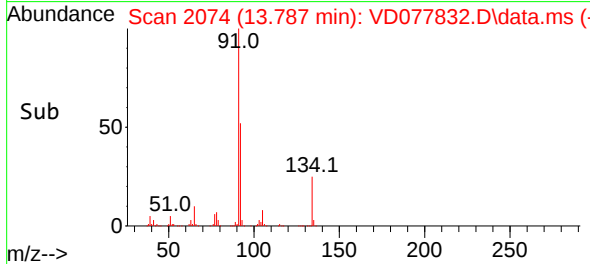
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 430958
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 26.0 13.8 41.3

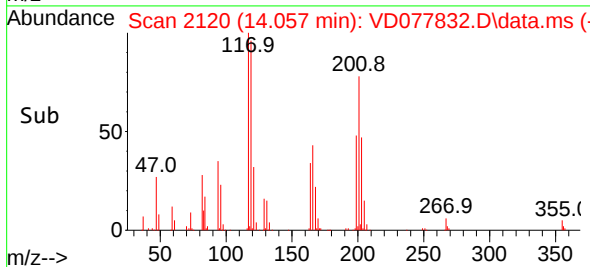
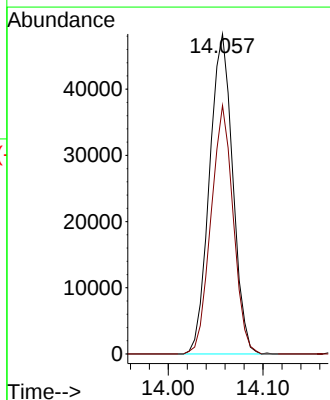
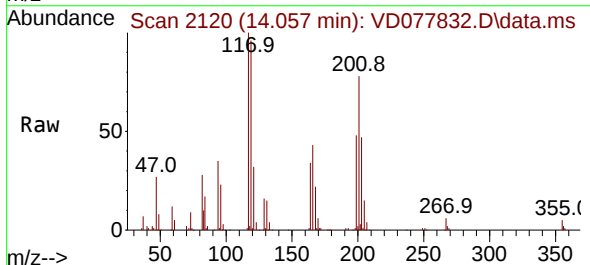
Manual Integrations
APPROVED

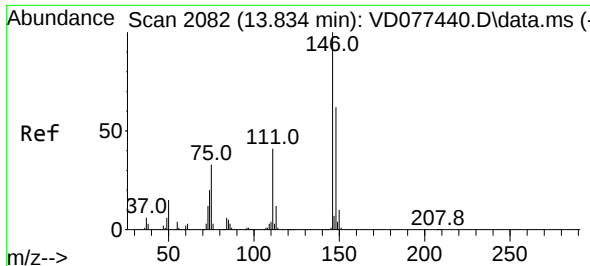
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#90
Hexachloroethane
Concen: 48.566 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

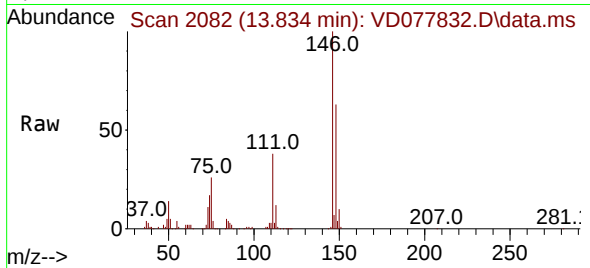
Tgt Ion:117 Resp: 82402
Ion Ratio Lower Upper
117 100
201 74.3 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 46.975 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

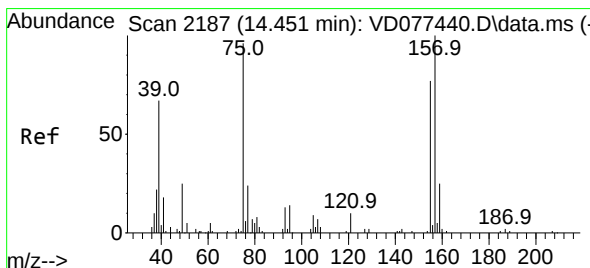
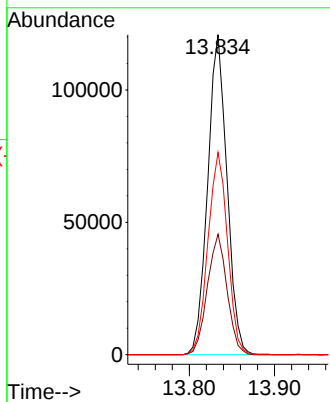
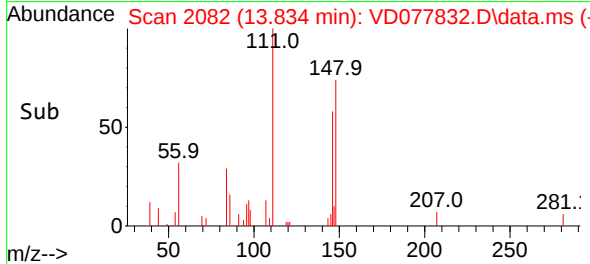
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



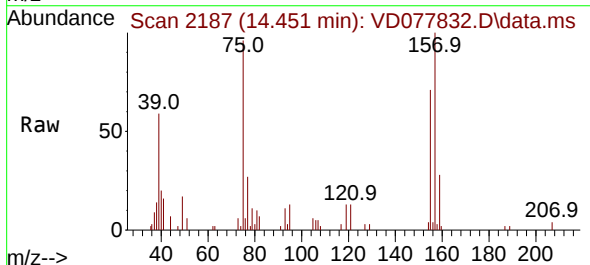
Tgt Ion:146 Resp: 190259
Ion Ratio Lower Upper
146 100
111 38.3 18.3 54.8
148 64.0 31.6 94.7

Manual Integrations
APPROVED

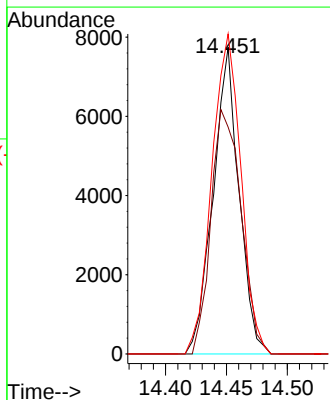
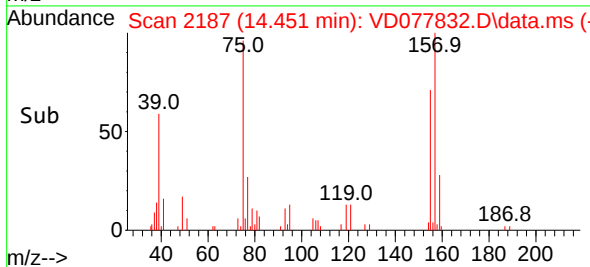
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

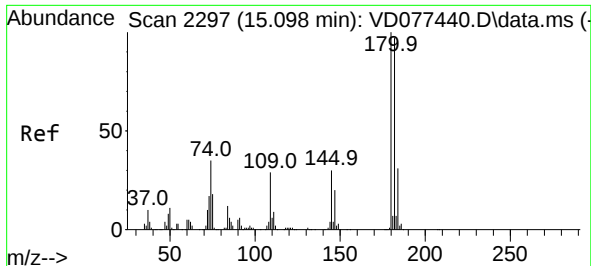


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.646 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



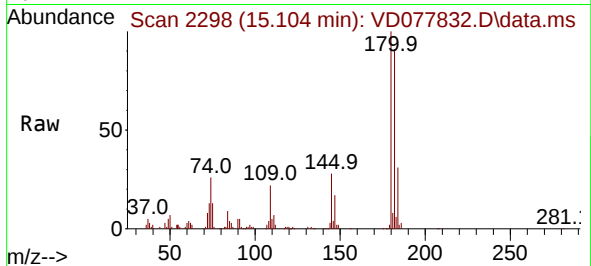
Tgt Ion: 75 Resp: 11436
Ion Ratio Lower Upper
75 100
155 93.1 47.9 143.8
157 117.2 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 45.600 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

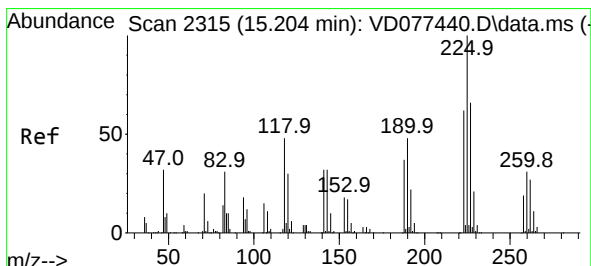
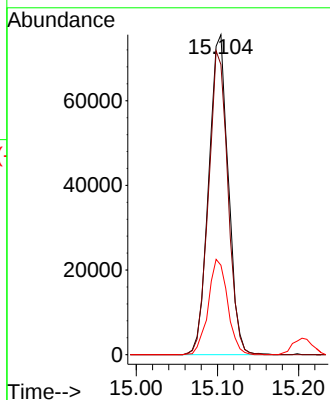
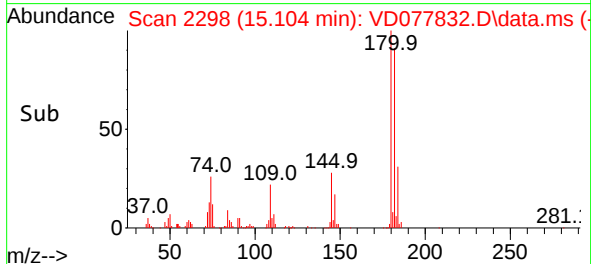
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



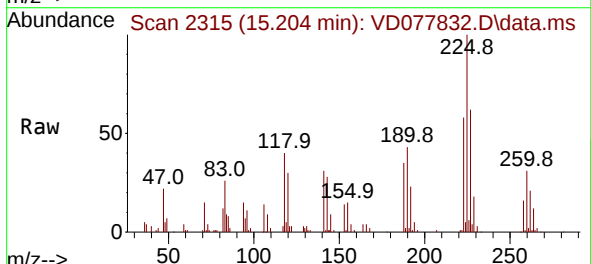
Tgt Ion:180 Resp: 126152
Ion Ratio Lower Upper
180 100
182 94.1 48.5 145.6
145 29.7 14.2 42.6

Manual Integrations
APPROVED

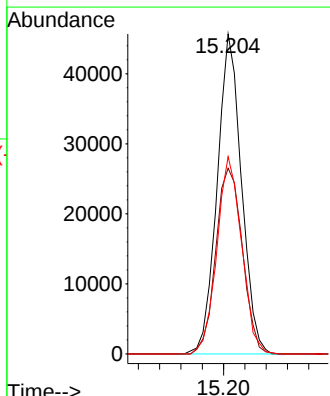
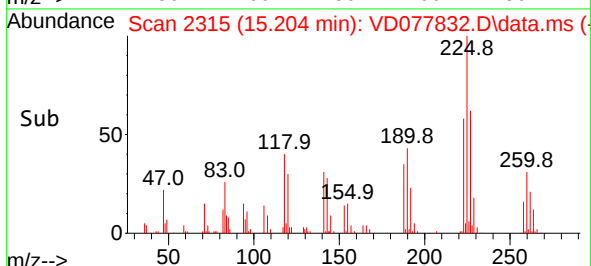
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

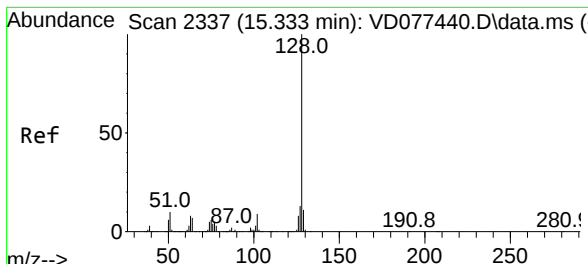


#94
Hexachlorobutadiene
Concen: 48.400 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40



Tgt Ion:225 Resp: 72204
Ion Ratio Lower Upper
225 100
223 63.5 31.6 94.8
227 62.8 31.7 95.1





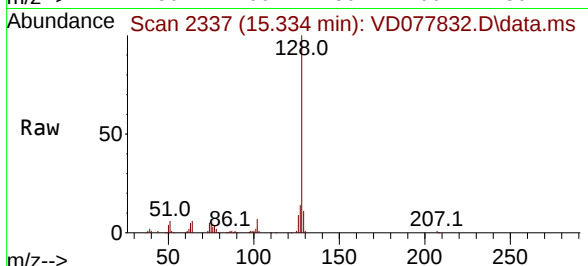
#95
Naphthalene
Concen: 48.664 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

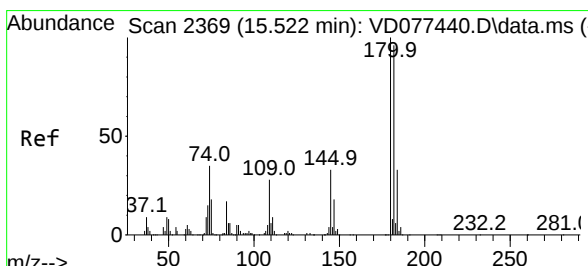
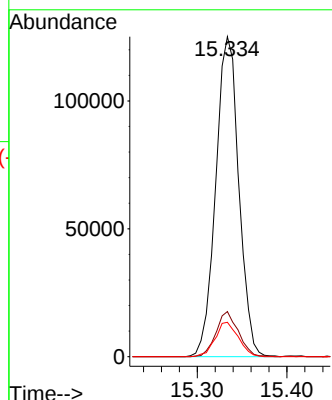
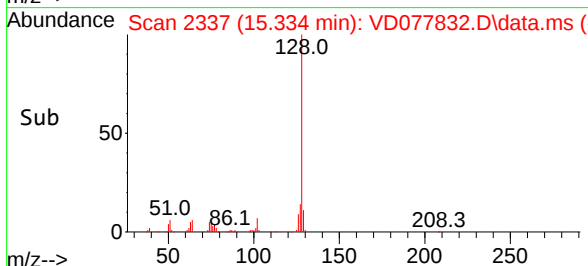


Tgt Ion:	128	Resp:	22368
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.291 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:	180	Resp:	107858
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.3	141.9
145	30.2	15.1	45.3

