

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079963.D
 Acq On : 11 Oct 2024 11:23
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 14 02:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:41:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	239451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33964	20.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.340%#		
35) Dibromofluoromethane	7.805	113	35397	20.481	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.960%#		
50) Toluene-d8	10.269	98	125506	20.378	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.760%#		
62) 4-Bromofluorobenzene	12.569	95	44192	20.555	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	28518	19.602	ug/l	97
3) Chloromethane	2.146	50	29001	19.408	ug/l	94
4) Vinyl Chloride	2.281	62	35703	19.217	ug/l	92
5) Bromomethane	2.681	94	31203	19.523	ug/l	97
6) Chloroethane	2.834	64	23761	18.734	ug/l	100
7) Trichlorofluoromethane	3.170	101	56895	19.546	ug/l	88
8) Diethyl Ether	3.599	74	15316	19.156	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	33757	18.882	ug/l	98
10) Methyl Iodide	4.158	142	33739	19.246	ug/l	97
11) Tert butyl alcohol	5.052	59	9224m	89.153	ug/l	
12) 1,1-Dichloroethene	3.940	96	29937	18.823	ug/l	94
13) Acrolein	3.793	56	12696	114.973	ug/l	97
14) Allyl chloride	4.564	41	44467	18.824	ug/l	98
15) Acrylonitrile	5.258	53	36334	95.104	ug/l	99
16) Acetone	4.022	43	40757	93.382	ug/l	100
17) Carbon Disulfide	4.264	76	80890	18.246	ug/l	97
18) Methyl Acetate	4.564	43	17510	18.689	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	70219	19.117	ug/l	99
20) Methylene Chloride	4.799	84	40294	19.382	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	33139	19.405	ug/l	97
22) Diisopropyl ether	6.216	45	98026	19.134	ug/l #	91
23) Vinyl Acetate	6.158	43	275590	95.740	ug/l	100
24) 1,1-Dichloroethane	6.111	63	66564	19.721	ug/l	98
25) 2-Butanone	7.087	43	49580	93.289	ug/l	97
26) 2,2-Dichloropropane	7.075	77	56264	19.266	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	41413	19.500	ug/l	98
28) Bromochloromethane	7.428	49	29895	20.751	ug/l	100
29) Tetrahydrofuran	7.452	42	26063	91.695	ug/l	98
30) Chloroform	7.599	83	71394	19.968	ug/l	97
31) Cyclohexane	7.875	56	47761	18.667	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	57867	19.538	ug/l	99
36) 1,1-Dichloropropene	8.005	75	43477	18.770	ug/l	99
37) Ethyl Acetate	7.163	43	22131	19.735	ug/l #	83
38) Carbon Tetrachloride	7.987	117	50032	19.437	ug/l	97
39) Methylcyclohexane	9.275	83	46604	17.929	ug/l	95
40) Benzene	8.252	78	138968	18.971	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9996	16.973	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	39097	19.408	ug/l	99
43) Isopropyl Acetate	8.363	43	38143	18.462	ug/l	98
44) Trichloroethene	9.028	130	34756	19.180	ug/l	95
45) 1,2-Dichloropropane	9.305	63	36253	19.517	ug/l	92
46) Dibromomethane	9.399	93	19763	19.283	ug/l	99
47) Bromodichloromethane	9.581	83	52782	19.418	ug/l	97
48) Methyl methacrylate	9.381	41	15370	16.516	ug/l	87
49) 1,4-Dioxane	9.381	88	4067	361.137	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	97961	92.680	ug/l	100
52) Toluene	10.334	92	86963	19.390	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	45708	19.204	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	53838	19.169	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	27285	18.953	ug/l	95
56) Ethyl methacrylate	10.599	69	31141	18.516	ug/l	96
57) 1,3-Dichloropropane	10.875	76	44495	19.151	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	56525	90.827	ug/l	96
59) 2-Hexanone	10.922	43	73011	93.265	ug/l	97
60) Dibromochloromethane	11.075	129	36970	19.765	ug/l	99
61) 1,2-Dibromoethane	11.181	107	25418	19.184	ug/l	96
64) Tetrachloroethene	10.810	164	29303	18.952	ug/l	96
65) Chlorobenzene	11.604	112	98965	19.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35043	19.121	ug/l	99
67) Ethyl Benzene	11.681	91	159043	18.432	ug/l	98
68) m/p-Xylenes	11.793	106	127085	38.377	ug/l	100
69) o-Xylene	12.116	106	58237	19.008	ug/l	98
70) Styrene	12.134	104	104578	19.181	ug/l	99
71) Bromoform	12.298	173	20768	18.843	ug/l #	95
73) Isopropylbenzene	12.422	105	151925	18.331	ug/l	99
74) N-amyl acetate	12.234	43	36218	18.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	32402	19.282	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	25821m	19.966	ug/l	
77) Bromobenzene	12.698	156	40406	18.845	ug/l	99
78) n-propylbenzene	12.763	91	193498	18.779	ug/l	99
79) 2-Chlorotoluene	12.846	91	112935	18.865	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	132103	18.912	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11703	19.431	ug/l	94
82) 4-Chlorotoluene	12.946	91	124031	19.286	ug/l	100
83) tert-Butylbenzene	13.163	119	109829	18.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	134115	19.120	ug/l	100
85) sec-Butylbenzene	13.345	105	174935	19.012	ug/l	99
86) p-Isopropyltoluene	13.457	119	144698	18.850	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	83414	19.014	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	84128	19.194	ug/l	99
89) n-Butylbenzene	13.787	91	135292	18.223	ug/l	99
90) Hexachloroethane	14.051	117	32976	19.435	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	73652	19.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5439	19.384	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	45877	19.103	ug/l	96
94) Hexachlorobutadiene	15.198	225	25050	18.942	ug/l	98
95) Naphthalene	15.328	128	77772	18.158	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	38377	18.032	ug/l	98

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

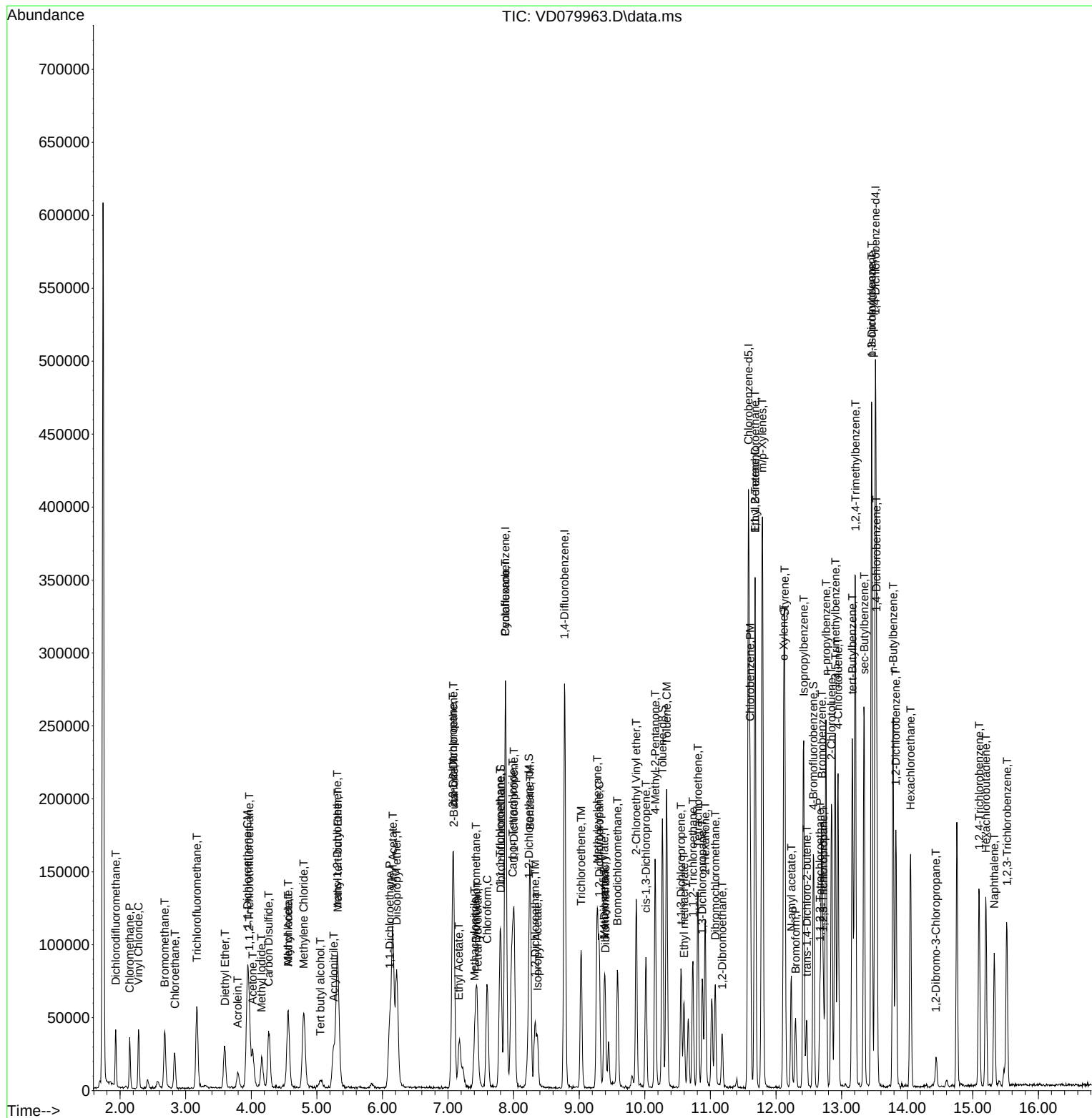
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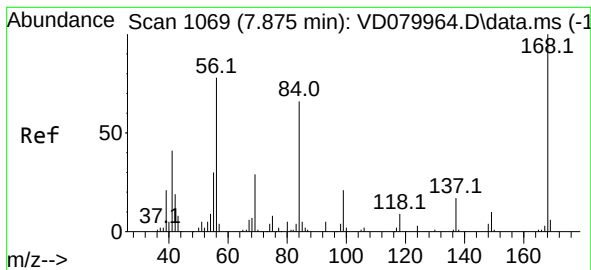
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079963.D

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Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:168 Resp: 148024

Ion Ratio Lower Upper

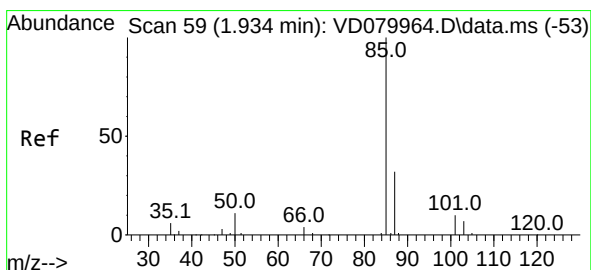
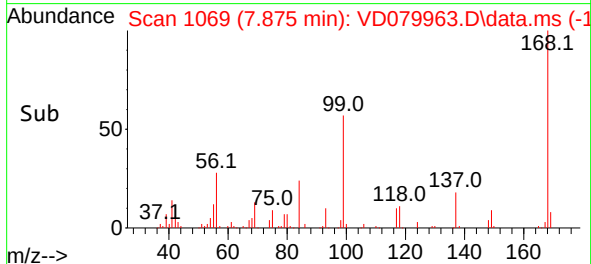
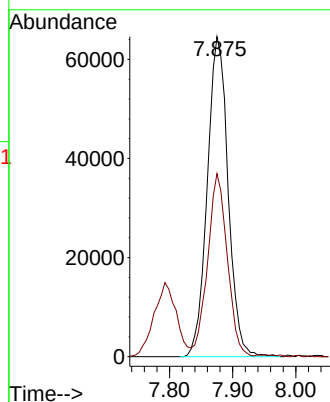
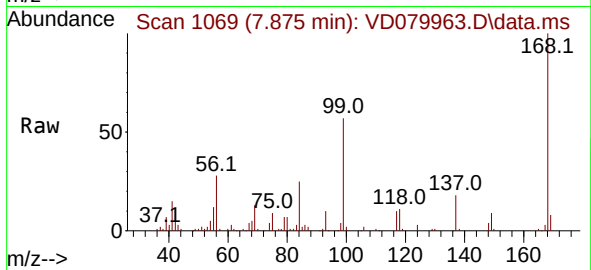
168 100

99 56.6 46.0 69.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.602 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD079963.D

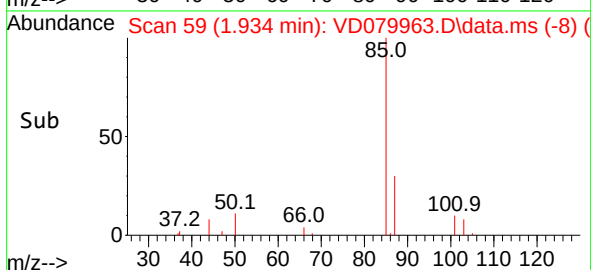
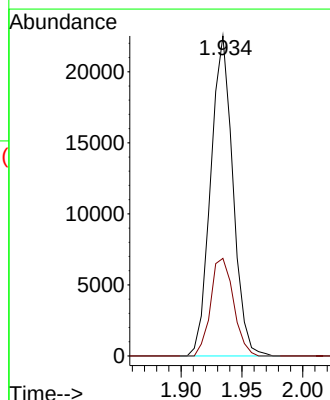
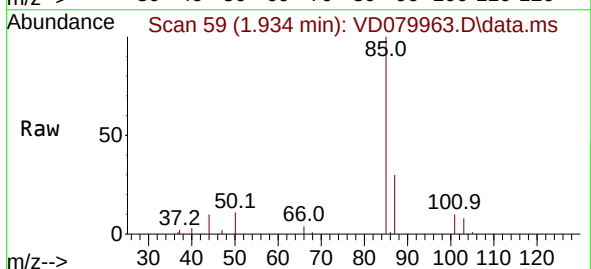
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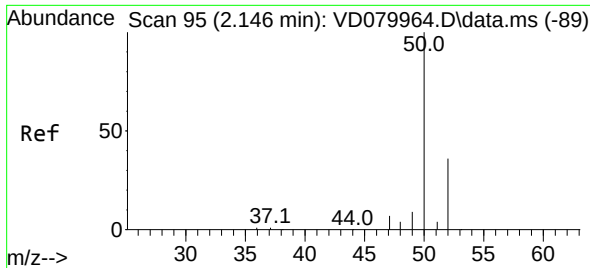
Tgt Ion: 85 Resp: 28518

Ion Ratio Lower Upper

85 100

87 30.5 16.1 48.2





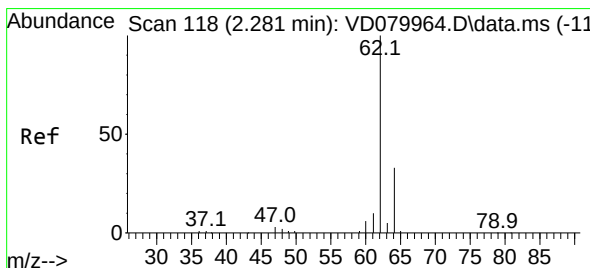
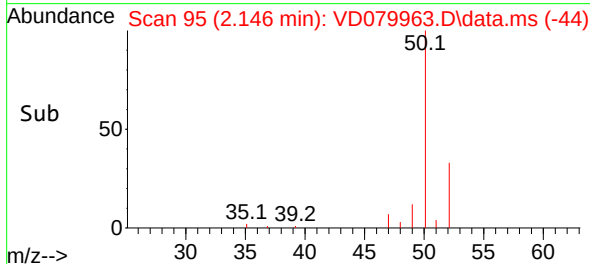
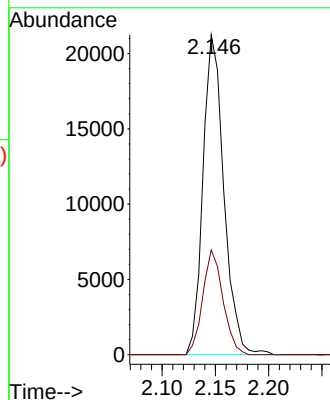
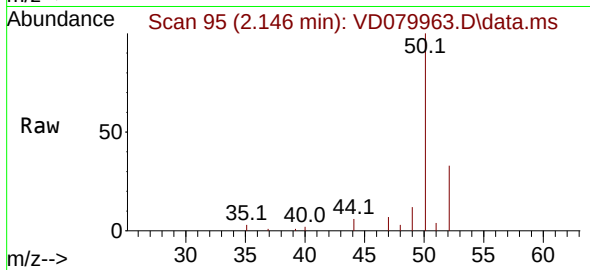
#3
Chloromethane
Concen: 19.408 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2900
Ion Ratio Lower Upper
50 100
52 32.8 28.8 43.2

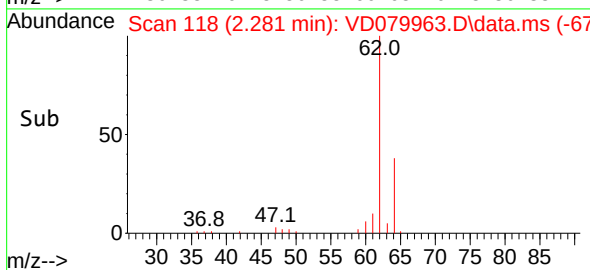
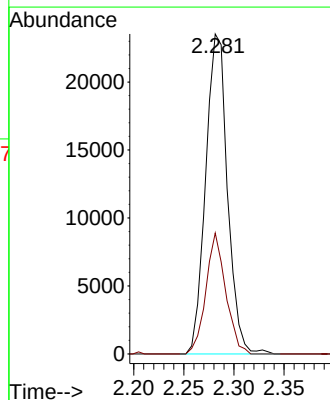
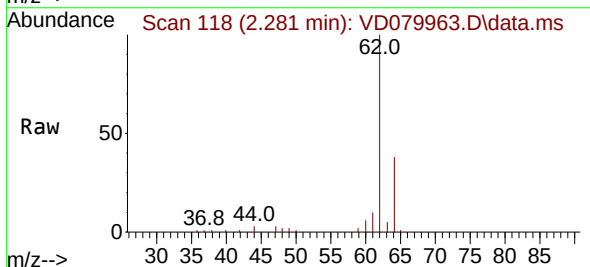
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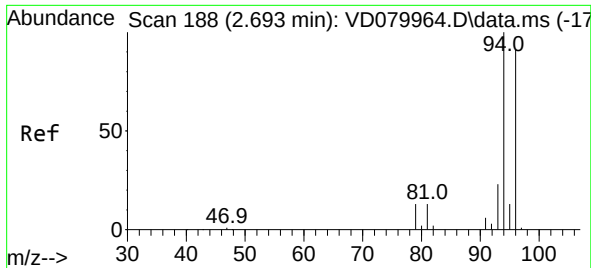
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#4
Vinyl Chloride
Concen: 19.217 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 62 Resp: 35703
Ion Ratio Lower Upper
62 100
64 37.8 26.5 39.7





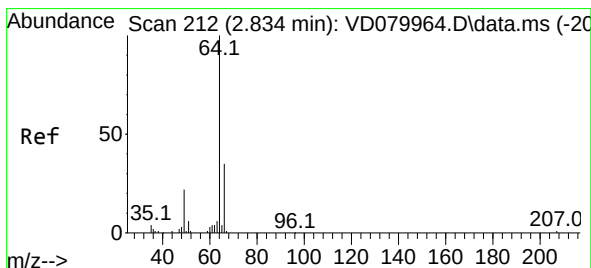
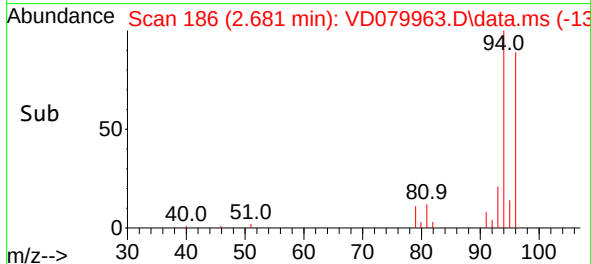
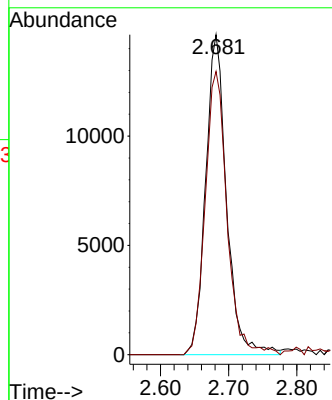
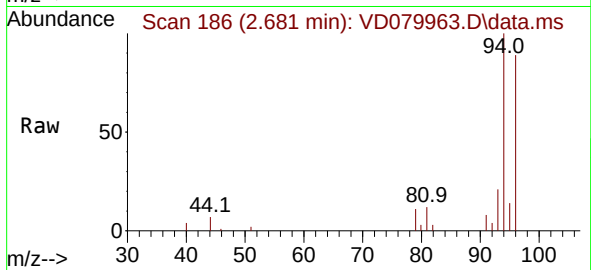
#5
Bromomethane
Concen: 19.523 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD079963.D
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Instrument :
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Tgt Ion: 94 Resp: 3120
Ion Ratio Lower Upper
94 100
96 92.4 76.2 114.2

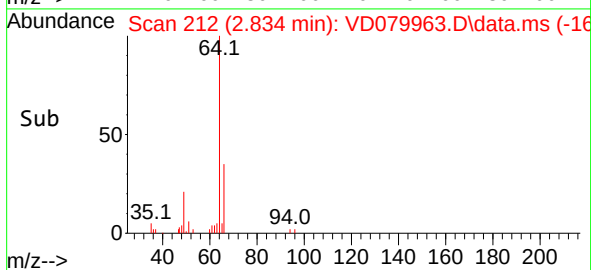
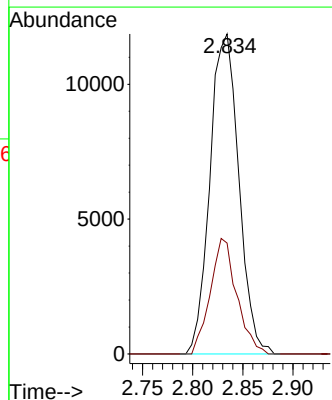
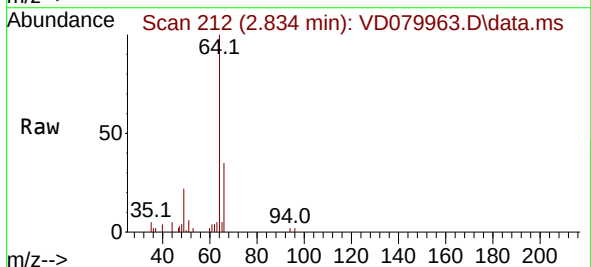
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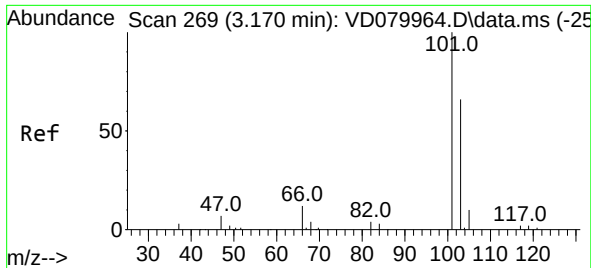
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#6
Chloroethane
Concen: 18.734 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

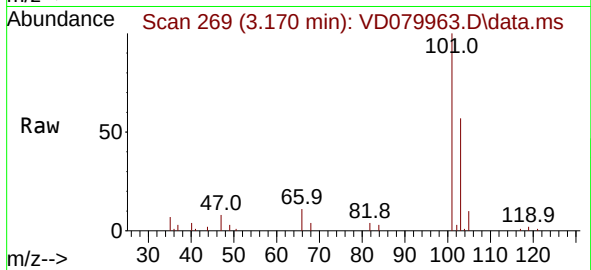
Tgt Ion: 64 Resp: 23761
Ion Ratio Lower Upper
64 100
66 34.6 27.6 41.4





#7
 Trichlorofluoromethane
 Concen: 19.546 ug/l
 RT: 3.170 min Scan# 209
 Delta R.T. -0.000 min
 Lab File: VD079963.D
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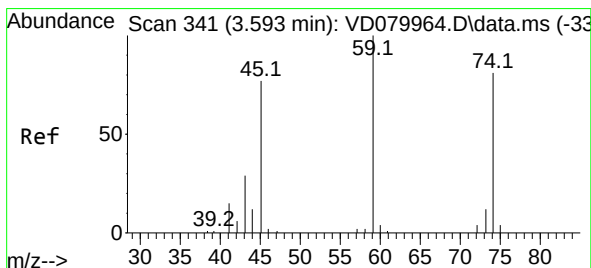
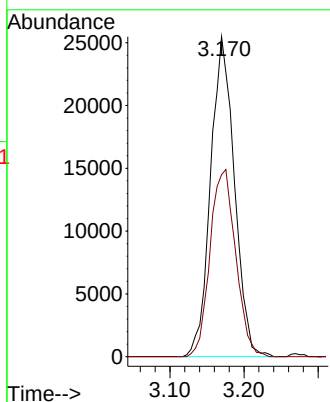
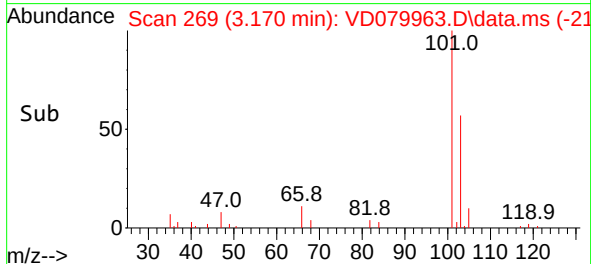
Instrument :
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Tgt Ion:101 Resp: 5689
 Ion Ratio Lower Upper
 101 100
 103 56.9 53.0 79.6

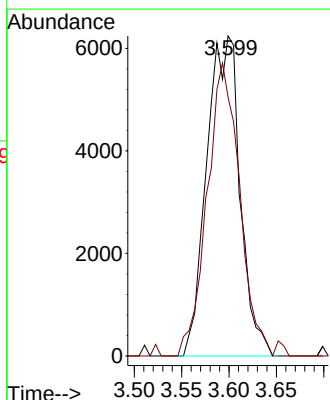
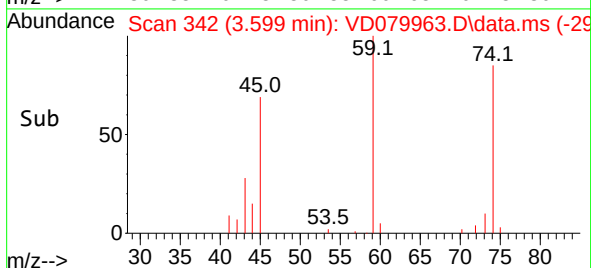
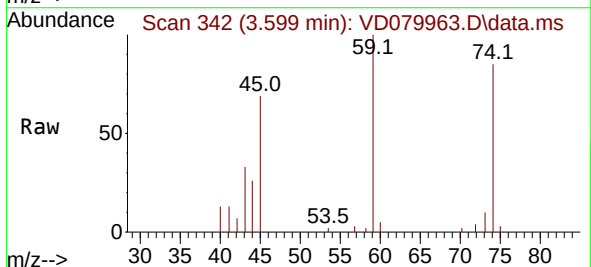
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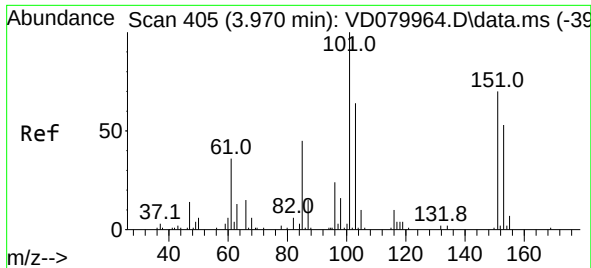
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024



#8
 Diethyl Ether
 Concen: 19.156 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

Tgt Ion: 74 Resp: 15316
 Ion Ratio Lower Upper
 74 100
 45 89.1 47.8 143.3





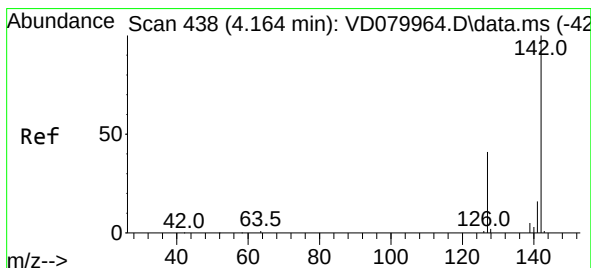
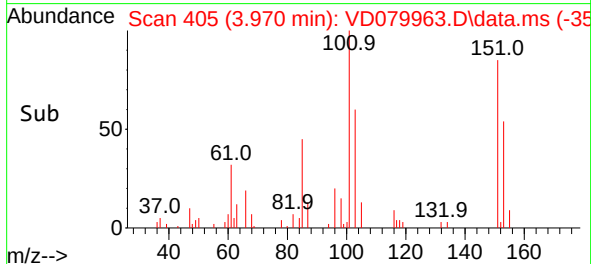
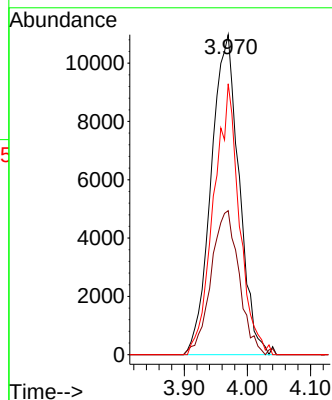
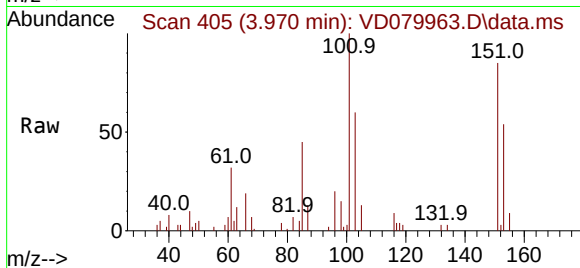
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.882 ug/l
RT: 3.970 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 3375
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 78.0 60.3 90.5

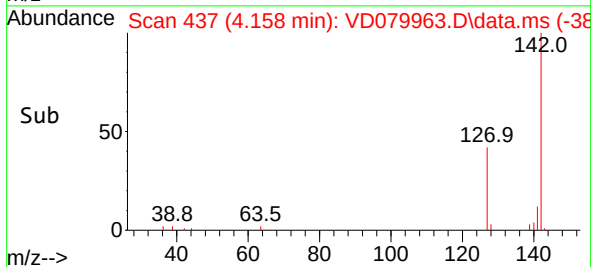
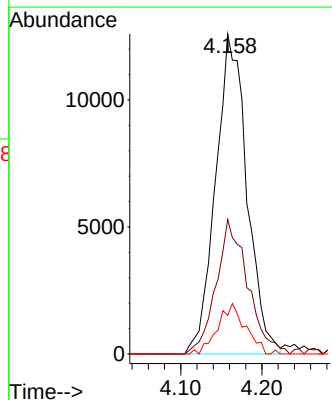
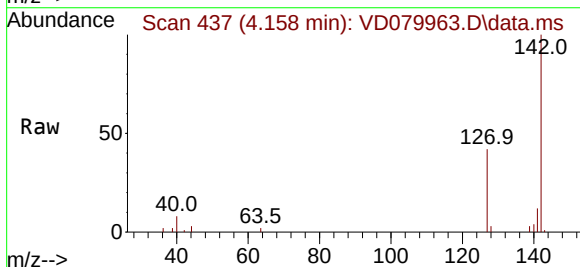
Manual Integrations
APPROVED

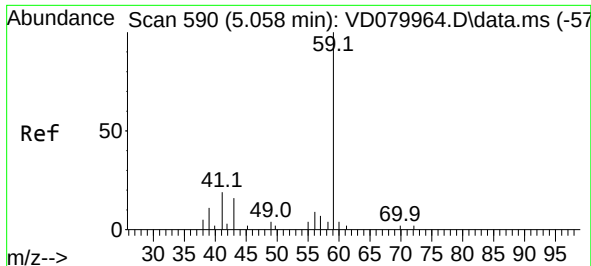
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#10
Methyl Iodide
Concen: 19.246 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:142 Resp: 33739
Ion Ratio Lower Upper
142 100
127 42.4 35.3 52.9
141 13.9 12.2 18.2





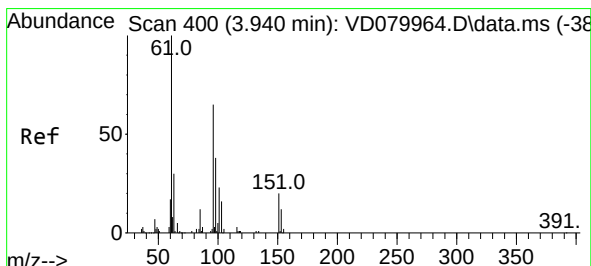
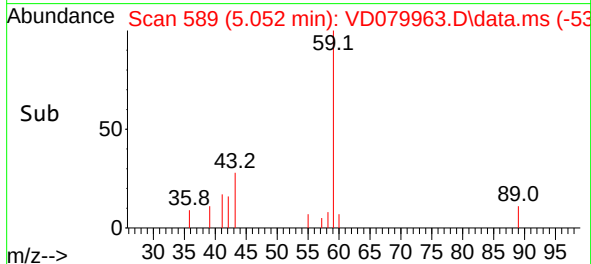
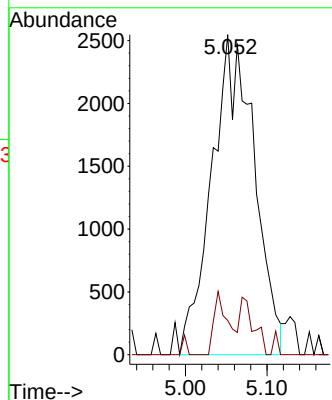
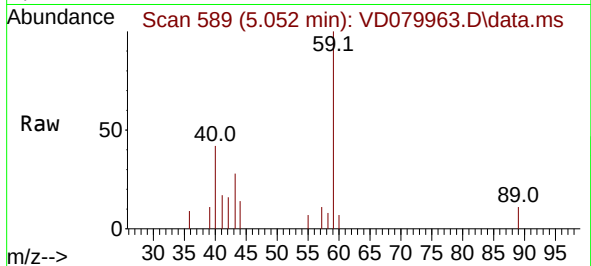
#11
Tert butyl alcohol
Concen: 89.153 ug/l m
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 9224
Ion Ratio Lower Upper
59 100
57 6.6 4.8 7.2

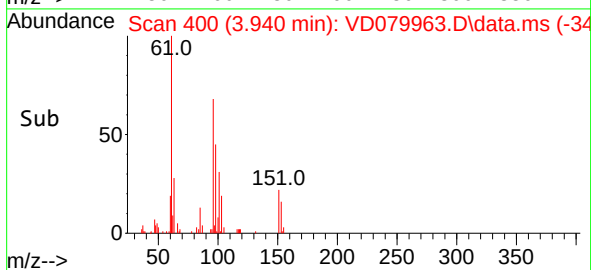
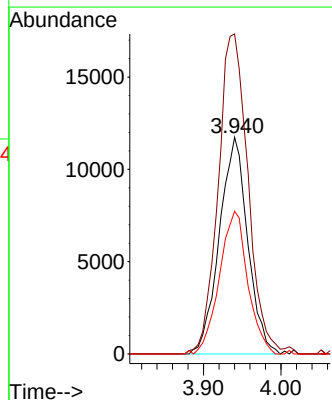
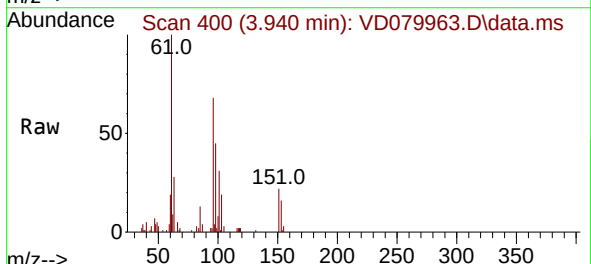
Manual Integrations
APPROVED

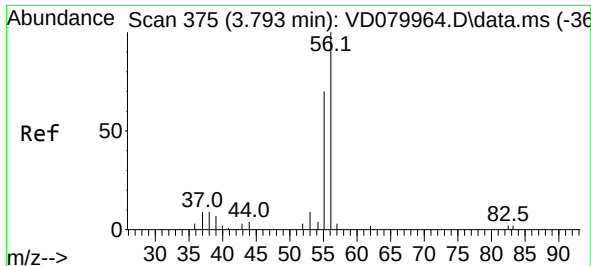
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#12
1,1-Dichloroethene
Concen: 18.823 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

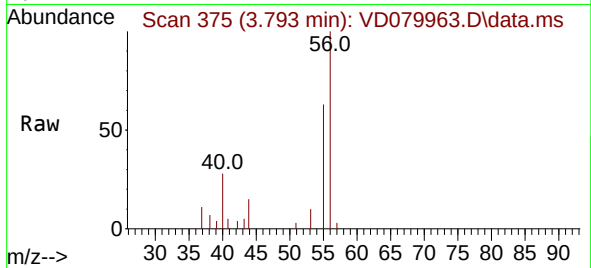
Tgt Ion: 96 Resp: 29937
Ion Ratio Lower Upper
96 100
61 147.7 122.6 184.0
98 65.9 47.1 70.7





#13
Acrolein
Concen: 114.973 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

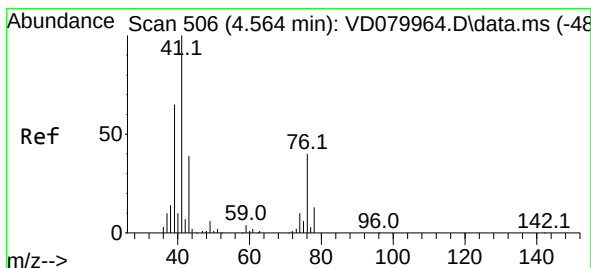
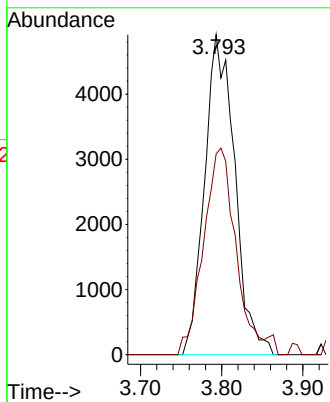
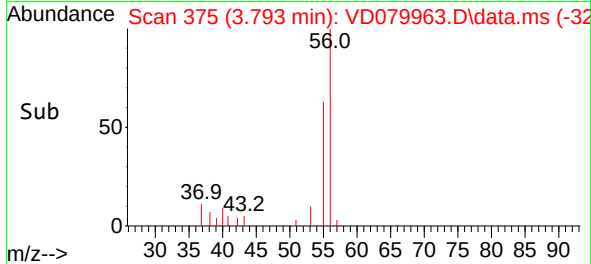
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 12690
Ion Ratio Lower Upper
56 100
55 70.2 58.2 87.2

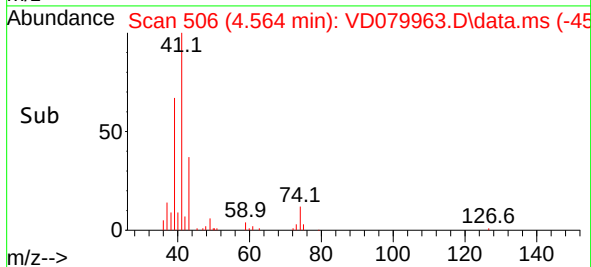
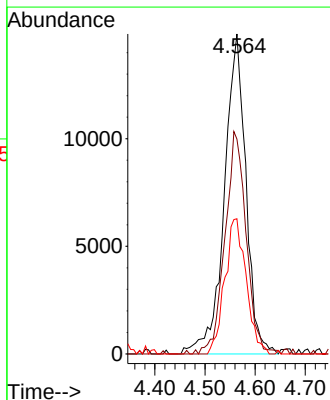
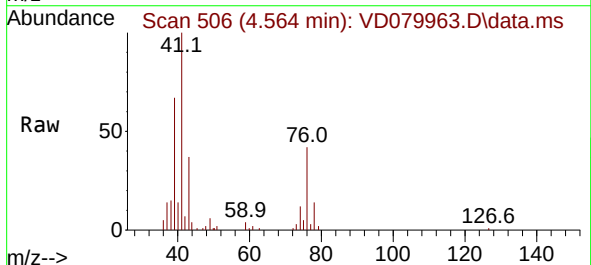
Manual Integrations
APPROVED

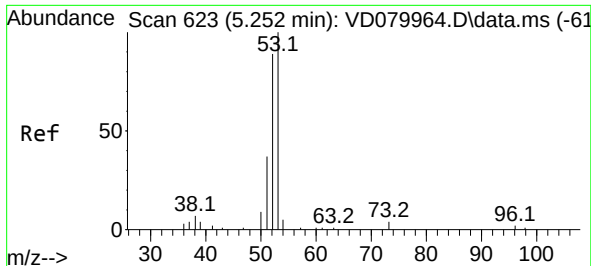
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#14
Allyl chloride
Concen: 18.824 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 41 Resp: 44467
Ion Ratio Lower Upper
41 100
39 68.4 53.3 79.9
76 41.8 32.0 48.0





#15

Acrylonitrile

Concen: 95.104 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

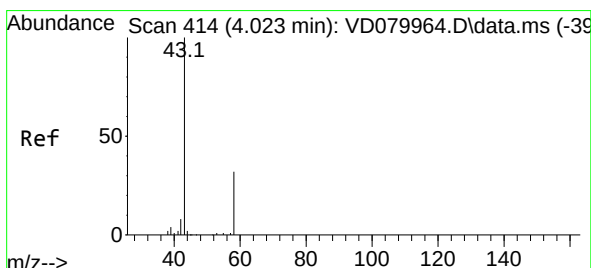
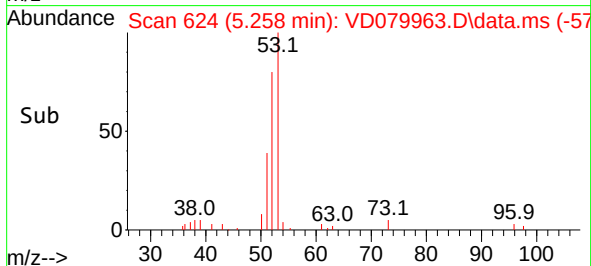
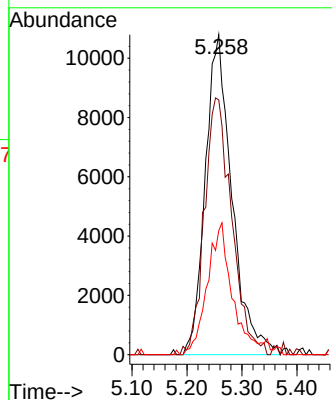
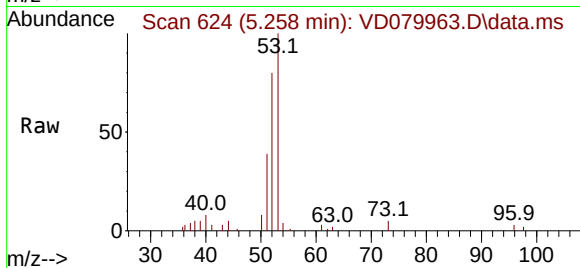
VSTDICC020

Tgt Ion: 53	Resp: 36334
Ion Ratio	Lower Upper
53 100	
52 82.2	66.2 99.4
51 38.1	30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#16

Acetone

Concen: 93.382 ug/l

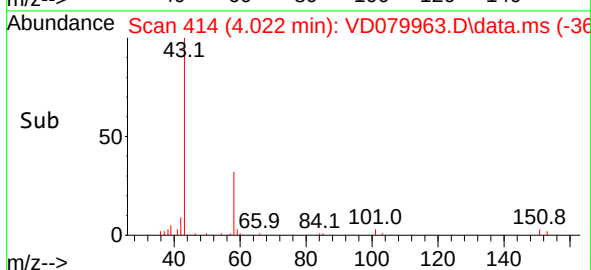
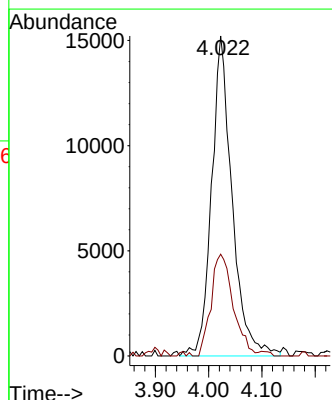
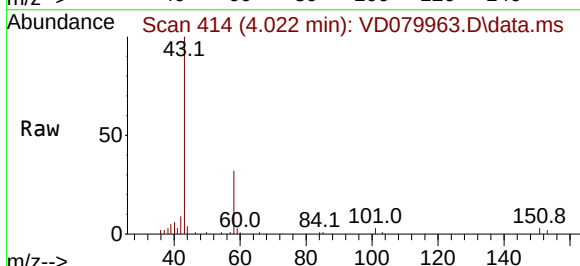
RT: 4.022 min Scan# 414

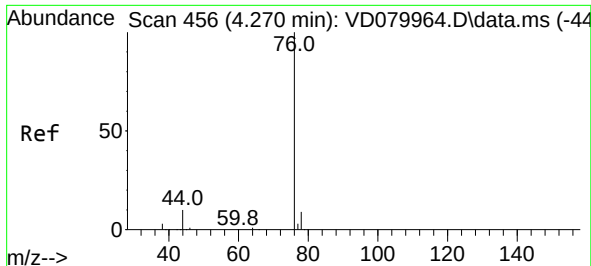
Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

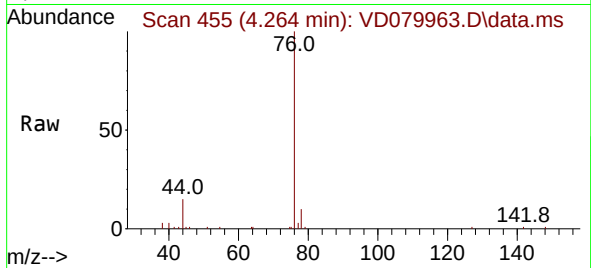
Tgt Ion: 43	Resp: 40757
Ion Ratio	Lower Upper
43 100	
58 31.8	25.4 38.2





#17
Carbon Disulfide
Concen: 18.246 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

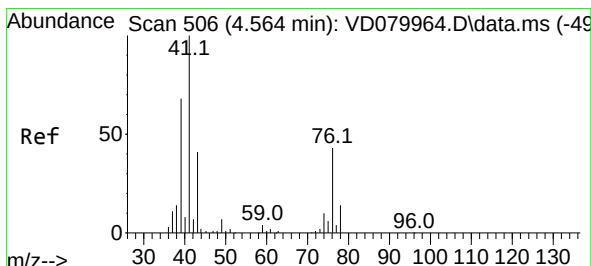
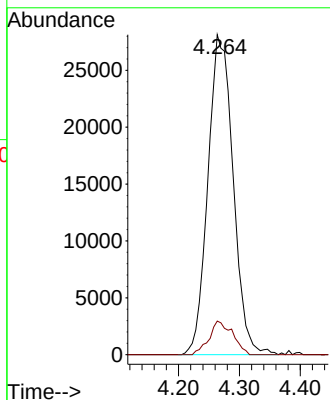
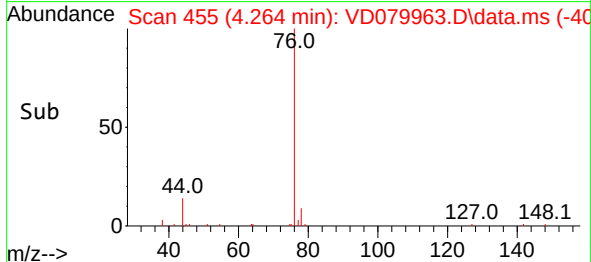
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 80890
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

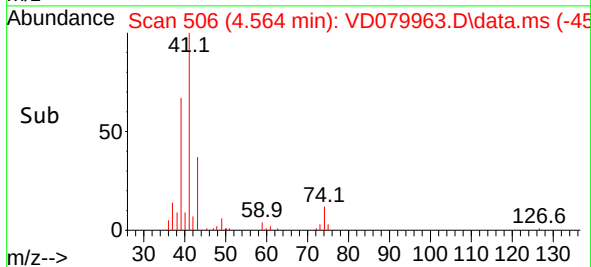
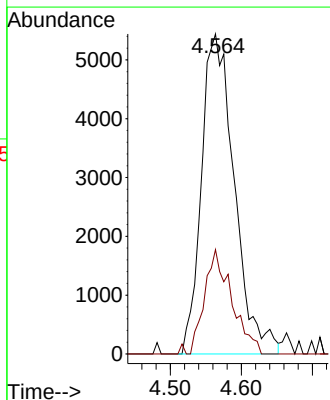
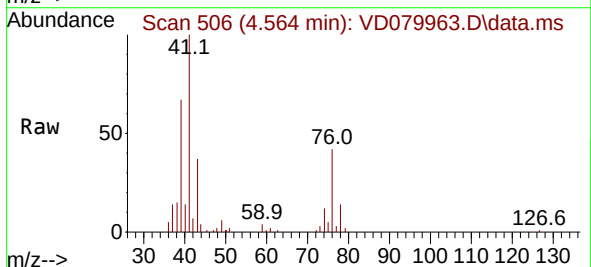
Manual Integrations
APPROVED

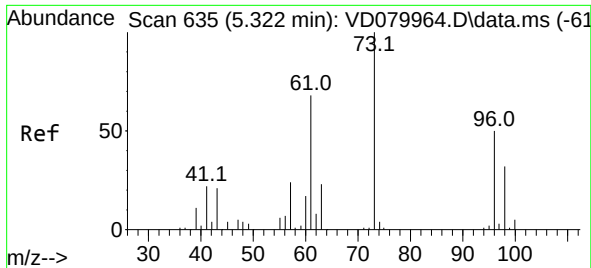
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#18
Methyl Acetate
Concen: 18.689 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 43 Resp: 17510
Ion Ratio Lower Upper
43 100
74 27.1 20.5 30.7





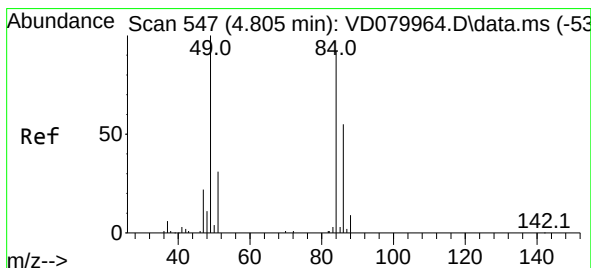
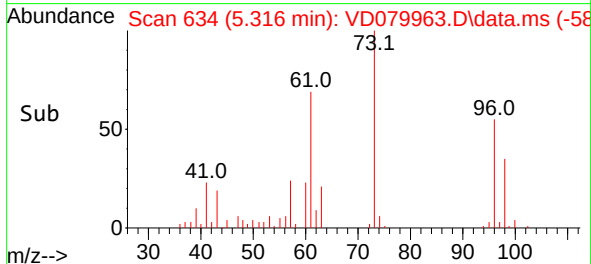
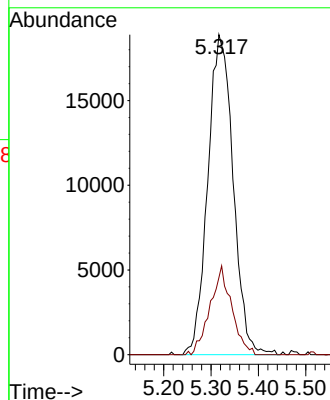
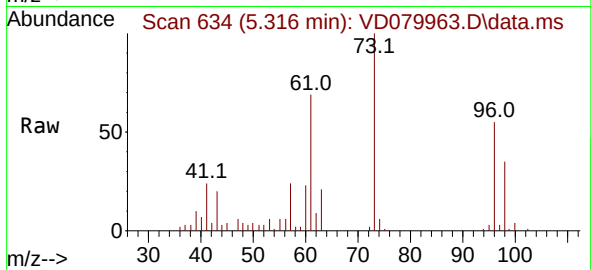
#19
Methyl tert-butyl Ether
Concen: 19.117 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 70219
Ion Ratio Lower Upper
73 100
57 24.1 18.8 28.2

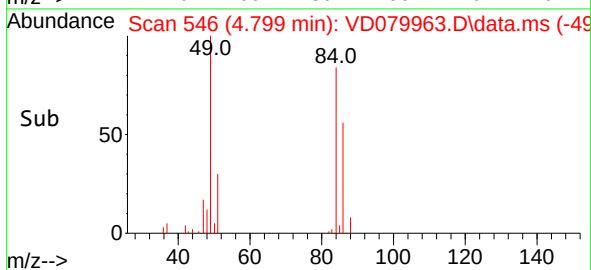
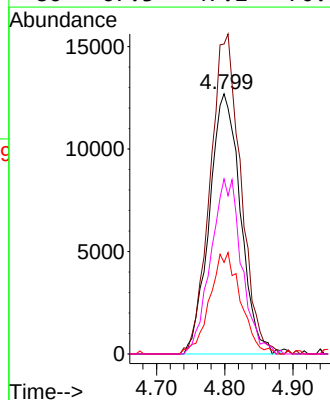
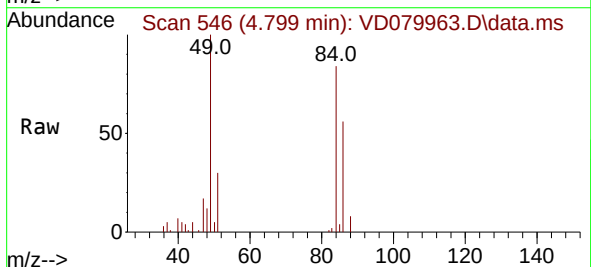
Manual Integrations
APPROVED

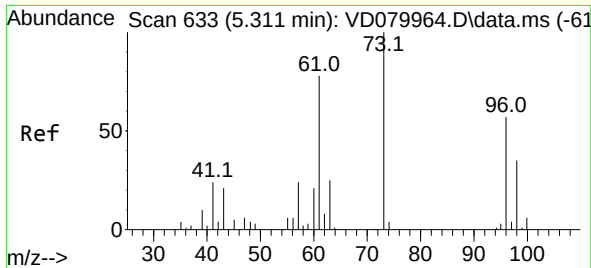
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#20
Methylene Chloride
Concen: 19.382 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

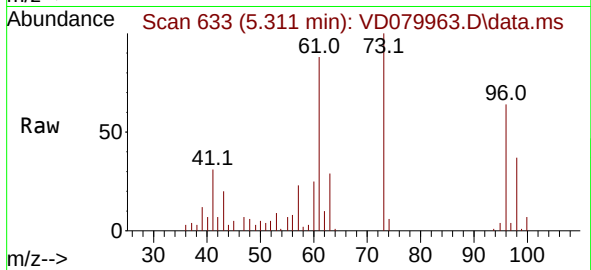
Tgt Ion: 84 Resp: 40294
Ion Ratio Lower Upper
84 100
49 119.2 86.5 129.7
51 35.2 26.9 40.3
86 67.3 47.2 70.8





#21
trans-1,2-Dichloroethene
Concen: 19.405 ug/l
RT: 5.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

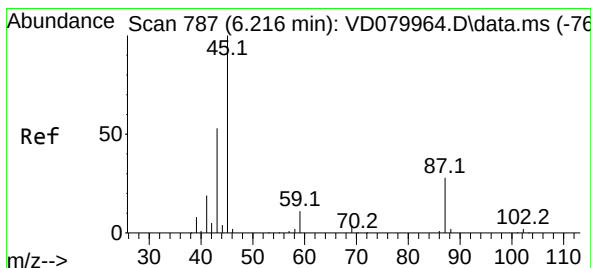
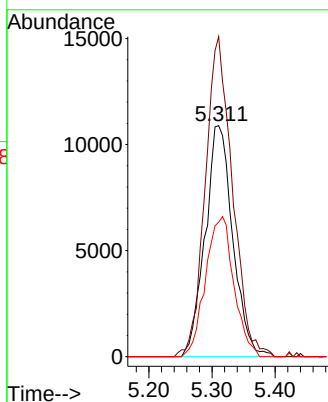
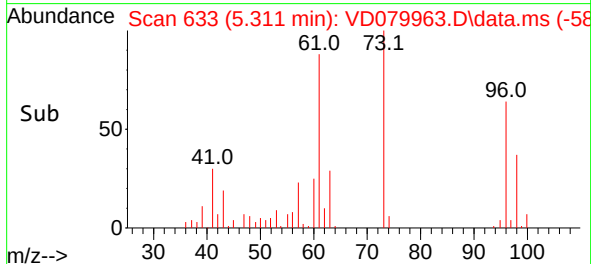
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 33139
Ion Ratio Lower Upper
96 100
61 138.5 109.4 164.0
98 58.3 49.8 74.8

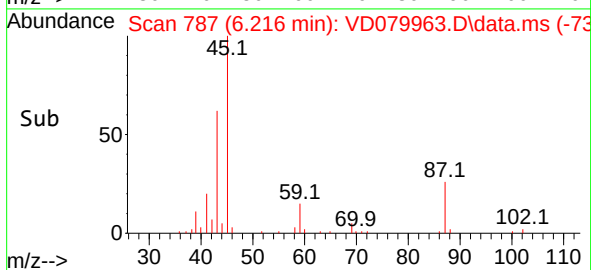
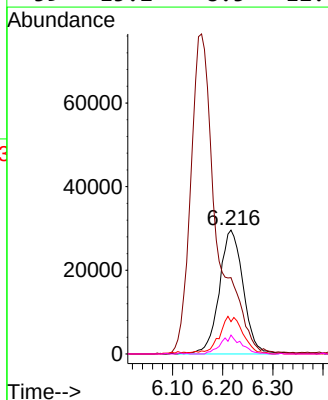
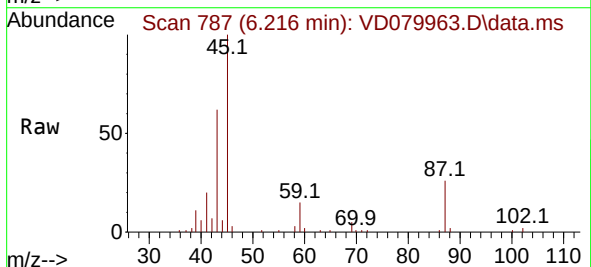
Manual Integrations
APPROVED

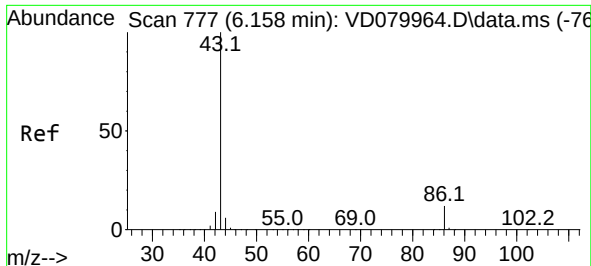
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#22
Diisopropyl ether
Concen: 19.134 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

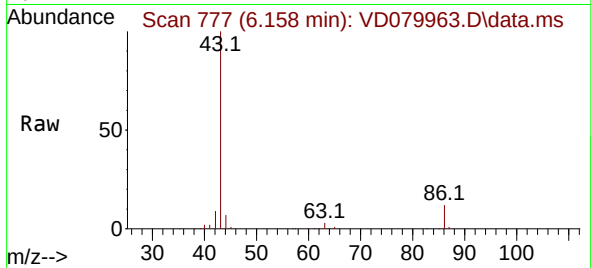
Tgt Ion: 45 Resp: 98026
Ion Ratio Lower Upper
45 100
43 60.0 42.6 63.8
87 25.5 22.7 34.1
59 15.2 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 95.740 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

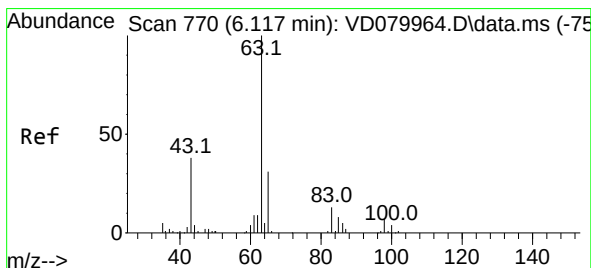
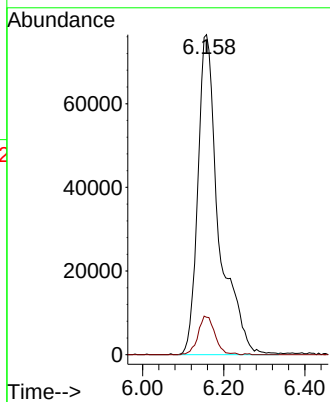
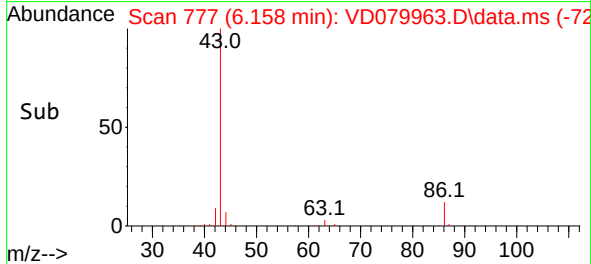
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020



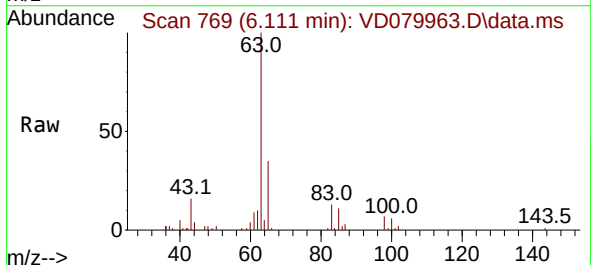
Tgt Ion: 43 Resp: 275590
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0

Manual Integrations
 APPROVED

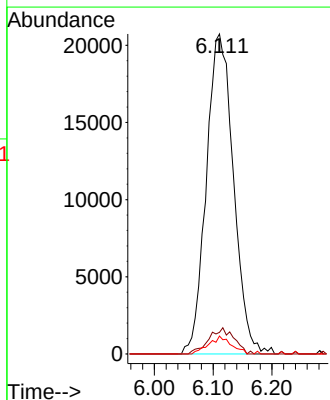
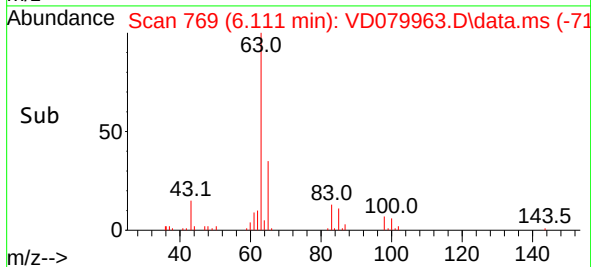
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

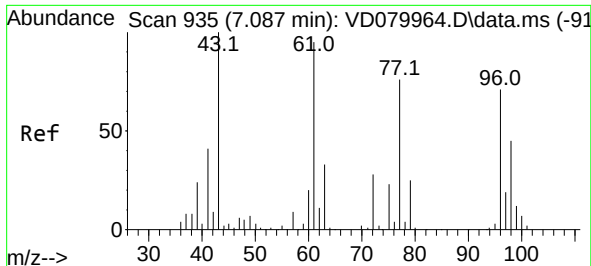


#24
 1,1-Dichloroethane
 Concen: 19.721 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23



Tgt Ion: 63 Resp: 66564
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 5.6 2.1 6.5





#25

2-Butanone

Concen: 93.289 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 49580

Ion Ratio Lower Upper

43 100

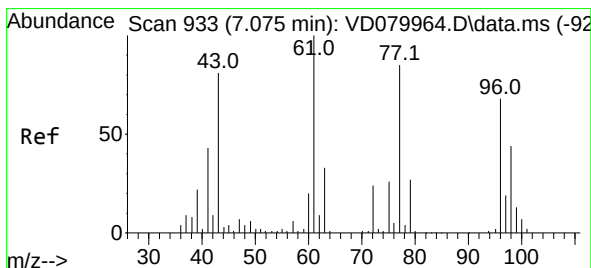
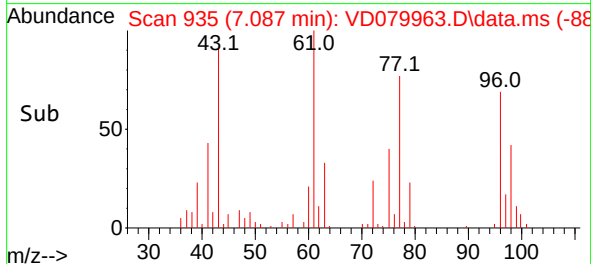
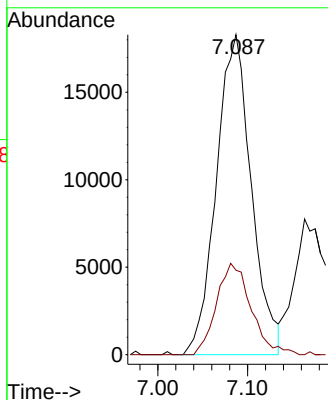
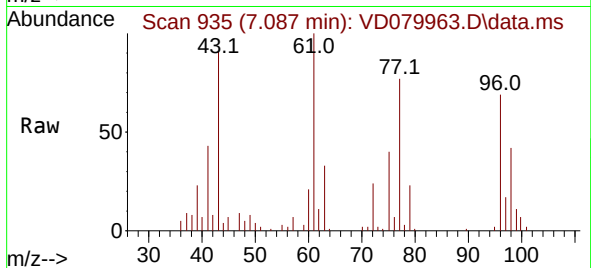
72 26.4 22.3 33.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#26

2,2-Dichloropropane

Concen: 19.266 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079963.D

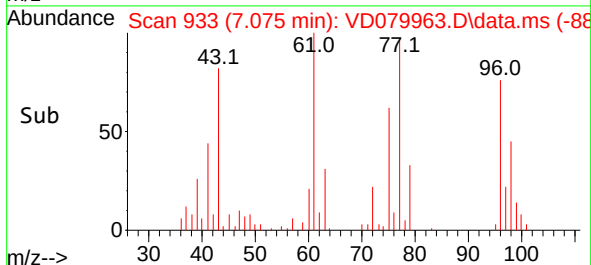
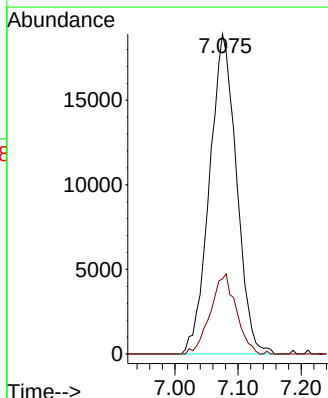
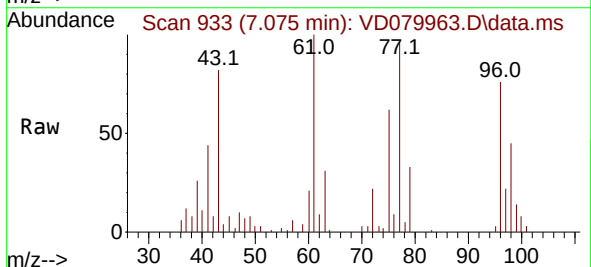
Acq: 11 Oct 2024 11:23

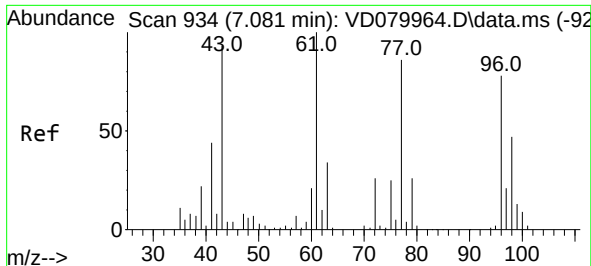
Tgt Ion: 77 Resp: 56264

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.500 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 4141

Ion Ratio Lower Upper

96 100

61 140.9 0.0 278.2

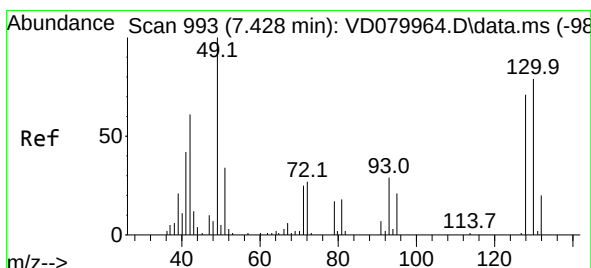
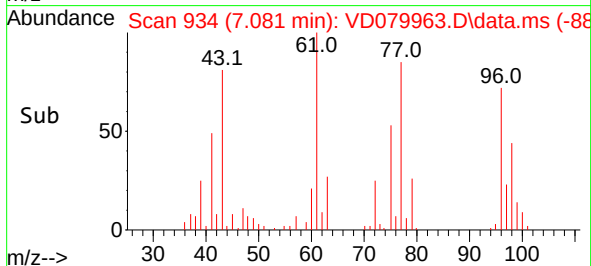
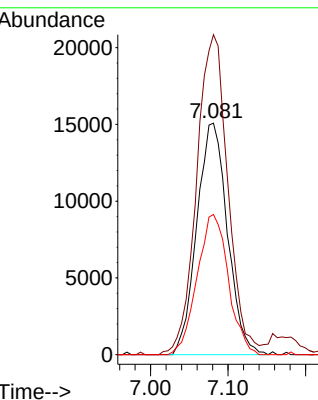
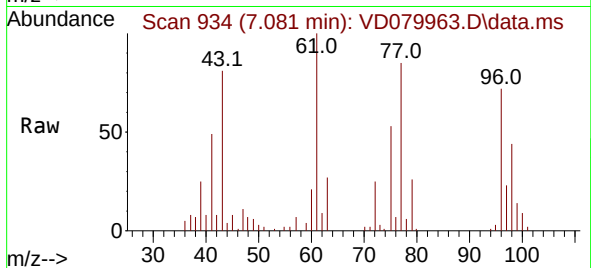
98 61.7 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#28

Bromochloromethane

Concen: 20.751 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

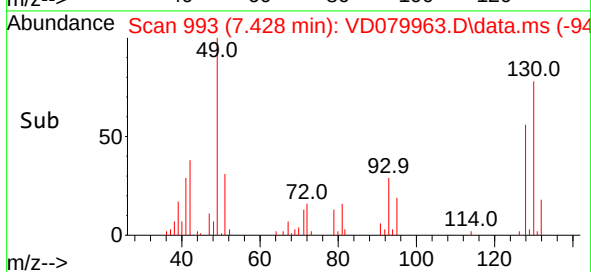
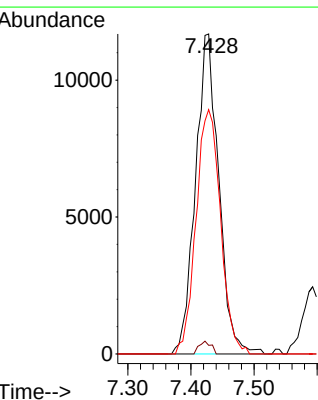
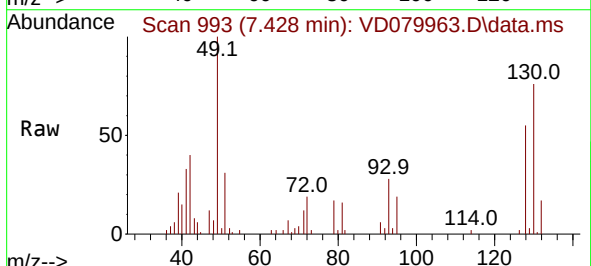
Tgt Ion: 49 Resp: 29895

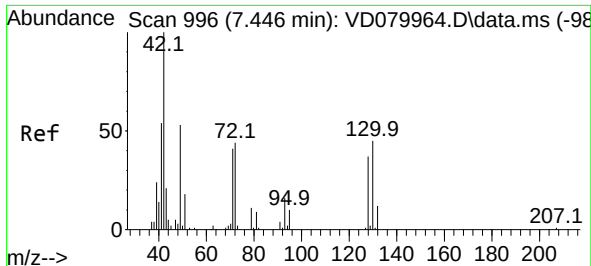
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 80.4 64.6 97.0





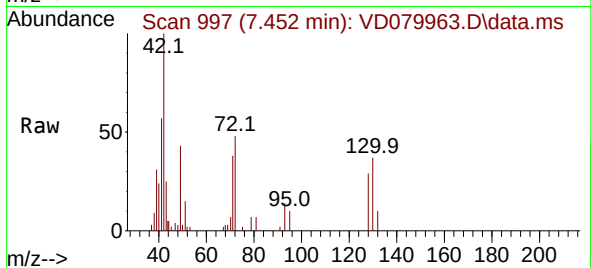
#29
Tetrahydrofuran
Concen: 91.695 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

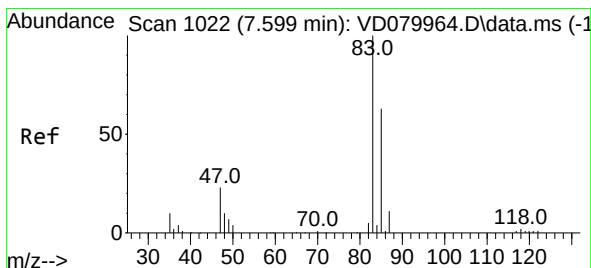
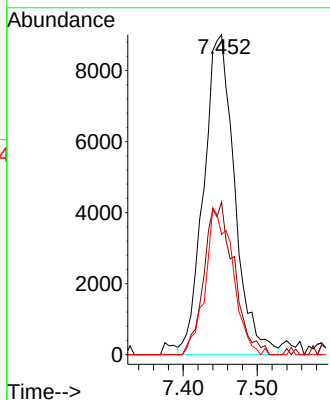
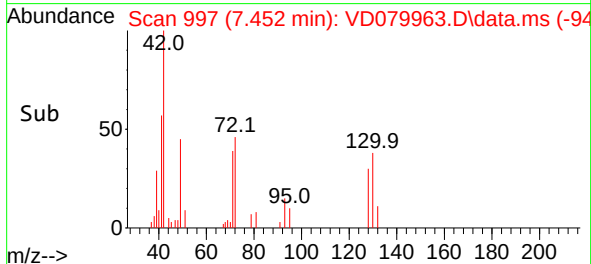


Tgt Ion: 42 Resp: 2606
Ion Ratio Lower Upper
42 100
72 45.8 36.7 55.1
71 41.1 34.4 51.6

Manual Integrations

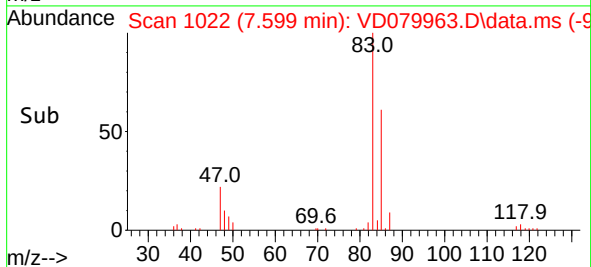
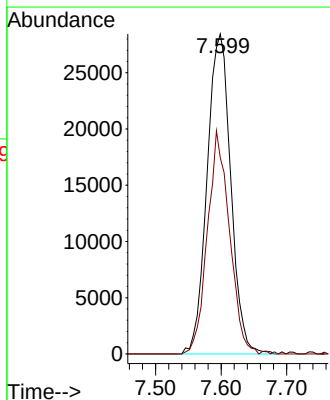
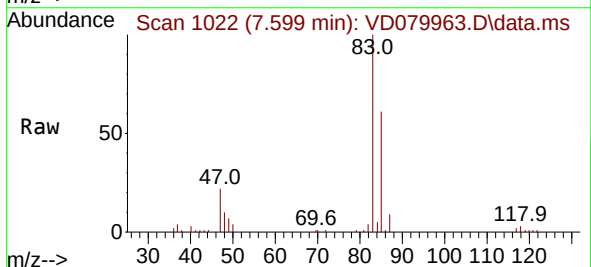
APPROVED

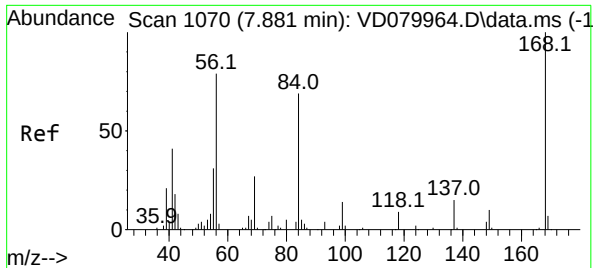
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#30
Chloroform
Concen: 19.968 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

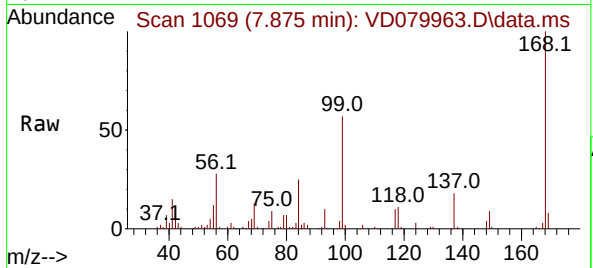
Tgt Ion: 83 Resp: 71394
Ion Ratio Lower Upper
83 100
85 61.3 50.8 76.2





#31
Cyclohexane
Concen: 18.667 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

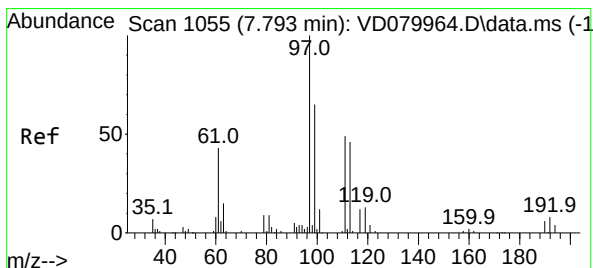
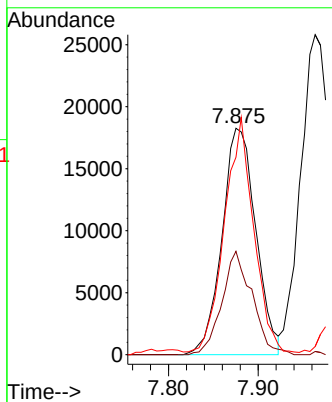
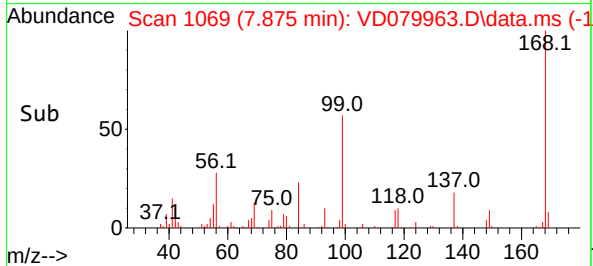
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



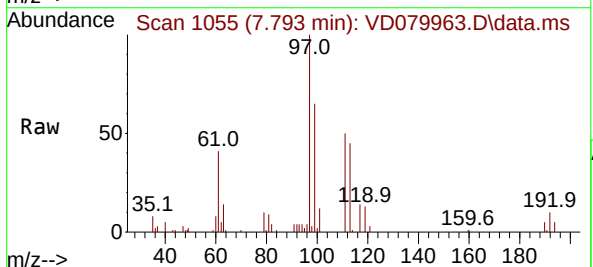
Tgt Ion: 56 Resp: 4776
Ion Ratio Lower Upper
56 100
69 45.6 27.3 40.9
84 85.2 70.2 105.4

Manual Integrations
APPROVED

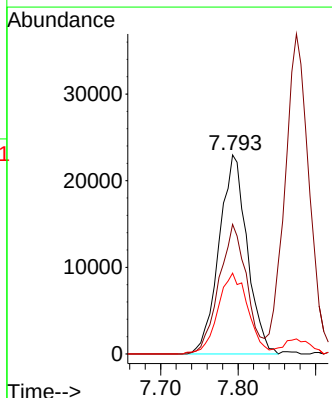
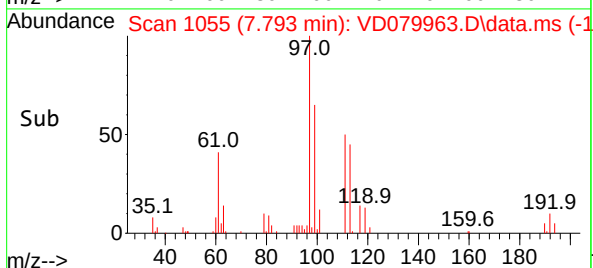
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

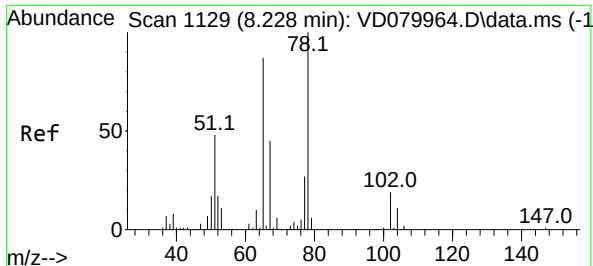


#32
1,1,1-Trichloroethane
Concen: 19.538 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23



Tgt Ion: 97 Resp: 57867
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 43.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 20.171 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 33964

Ion Ratio Lower Upper

65 100

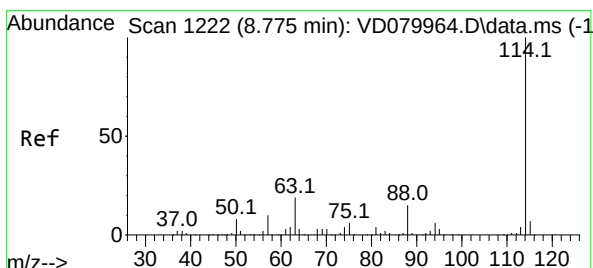
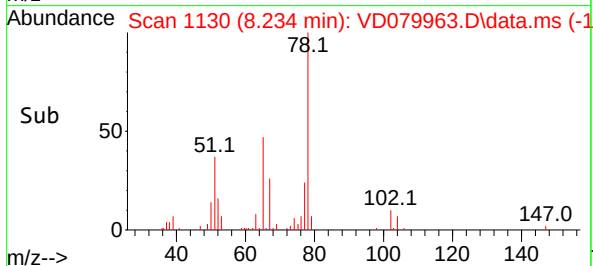
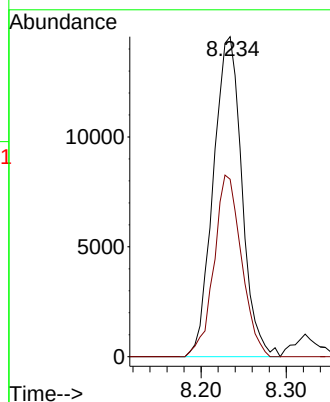
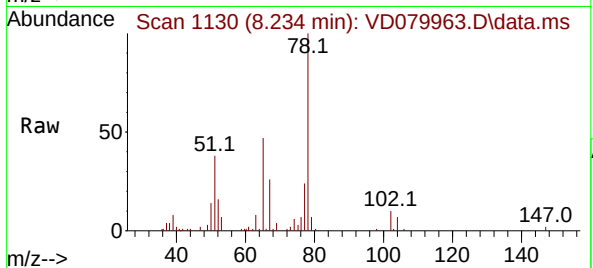
67 54.6 0.0 109.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

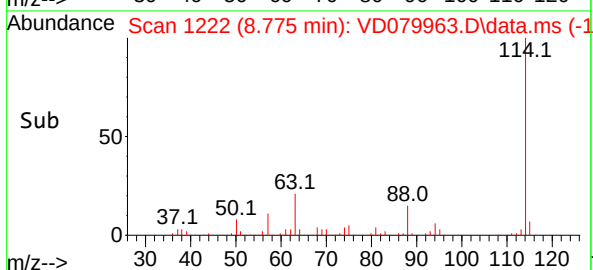
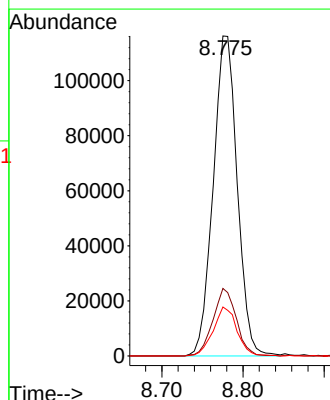
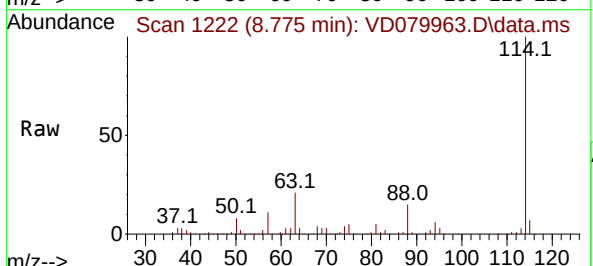
Tgt Ion:114 Resp: 239451

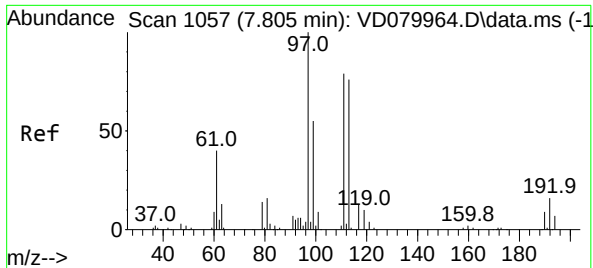
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

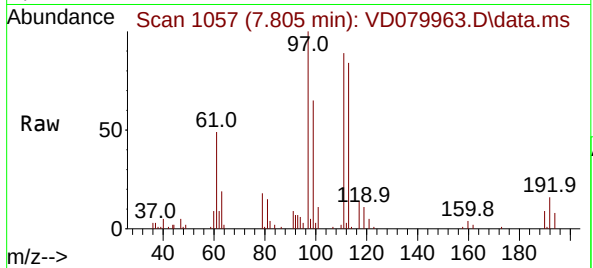
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 20.481 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

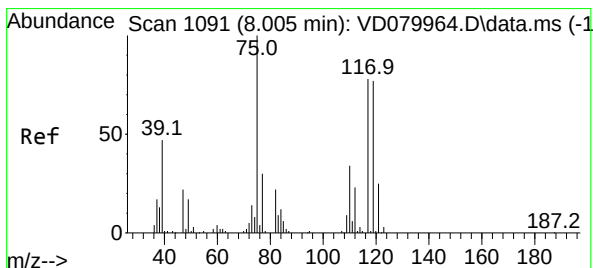
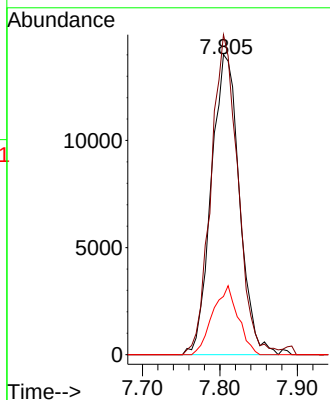
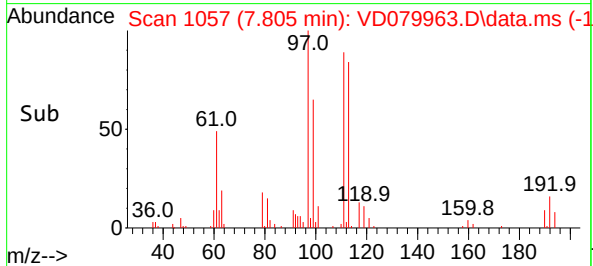
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 3539
Ion Ratio Lower Upper
113 100
111 102.1 82.5 123.7
192 20.7 16.6 25.0

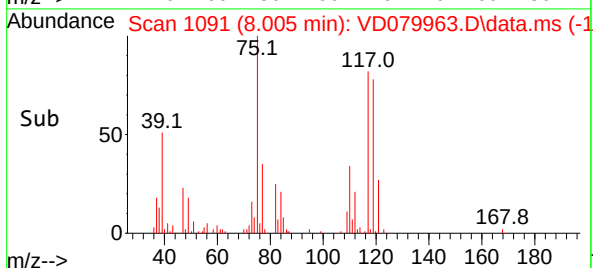
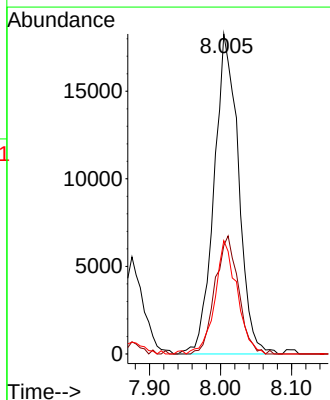
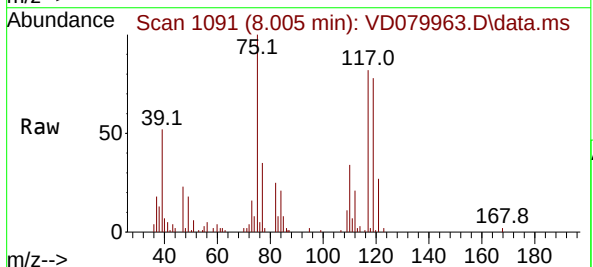
Manual Integrations
APPROVED

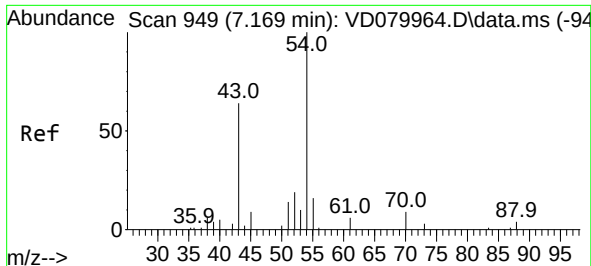
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#36
1,1-Dichloropropene
Concen: 18.770 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 75 Resp: 43477
Ion Ratio Lower Upper
75 100
110 35.6 18.4 55.0
77 32.3 25.6 38.4





#37

Ethyl Acetate

Concen: 19.735 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

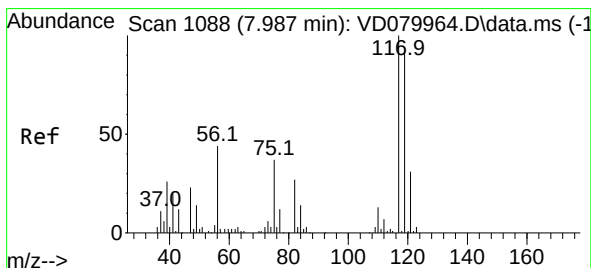
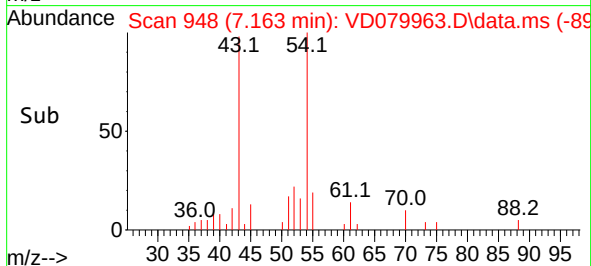
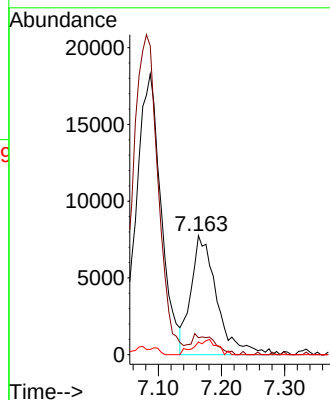
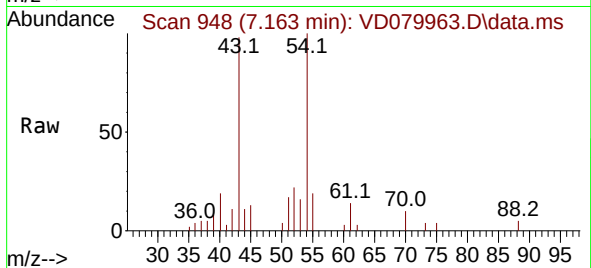
Tgt Ion: 43 Resp: 2213

Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.0	16.4
70	0.0	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#38

Carbon Tetrachloride

Concen: 19.437 ug/l

RT: 7.987 min Scan# 1088

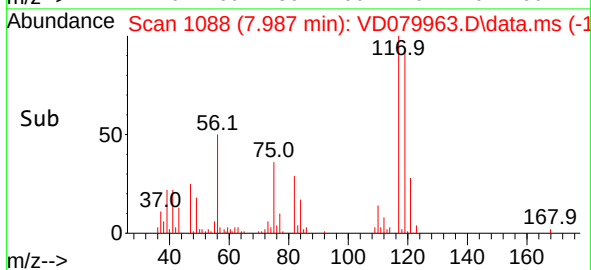
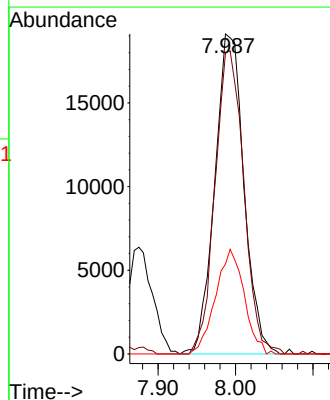
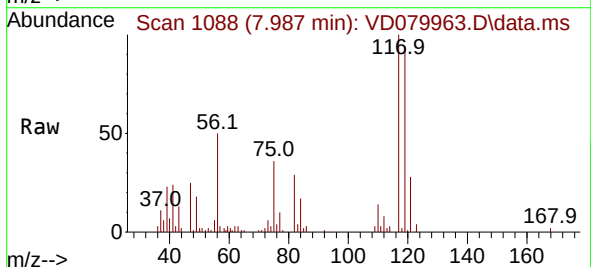
Delta R.T. -0.000 min

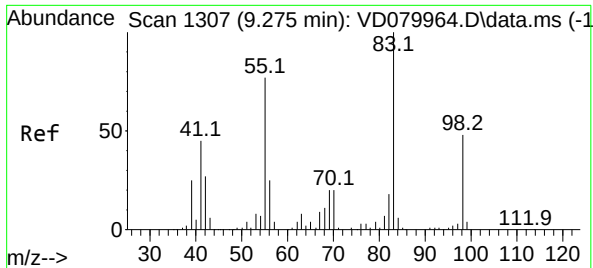
Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Tgt Ion:117 Resp: 50032

Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.4	110.0
121	28.1	24.5	36.7





#39
Methylcyclohexane
Concen: 17.929 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

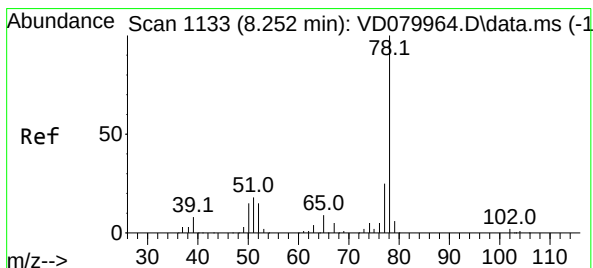
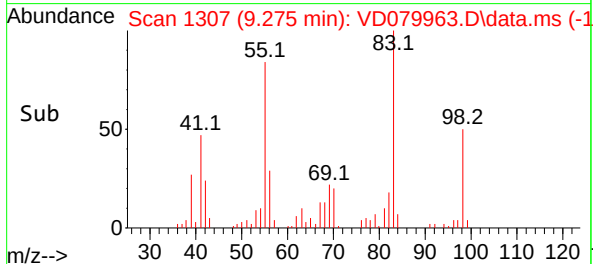
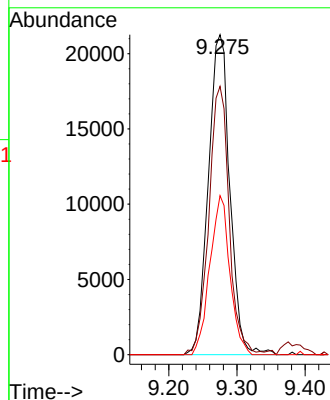
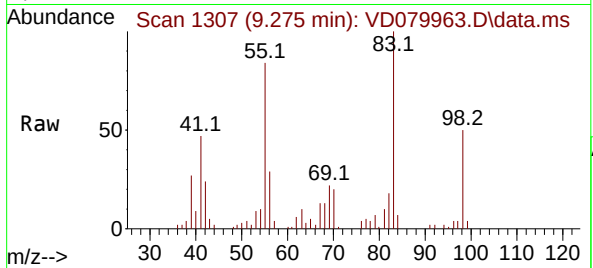
VSTDICC020

Tgt Ion: 83 Resp: 46604
Ion Ratio Lower Upper
83 100
55 83.9 62.0 93.0
98 49.7 38.7 58.1

Manual Integrations

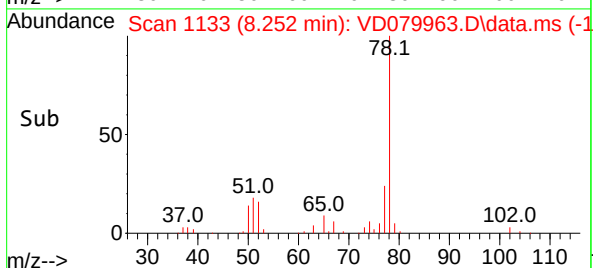
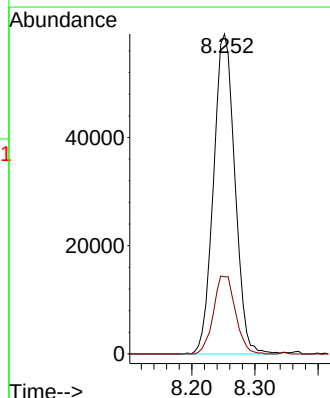
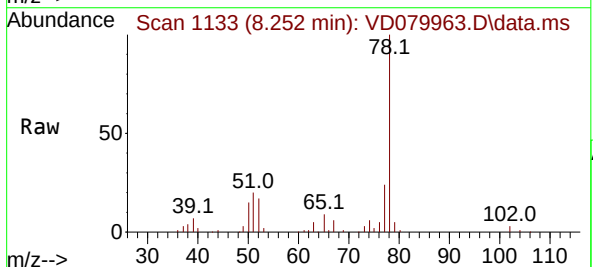
APPROVED

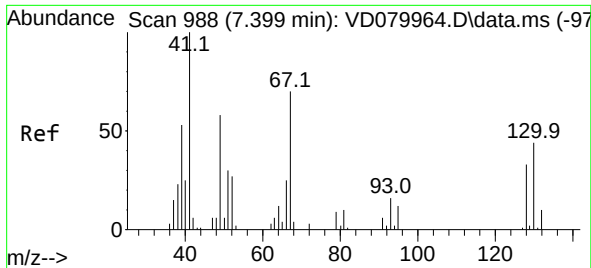
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#40
Benzene
Concen: 18.971 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 78 Resp: 138968
Ion Ratio Lower Upper
78 100
77 24.1 20.2 30.4





#41
Methacrylonitrile
Concen: 16.973 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

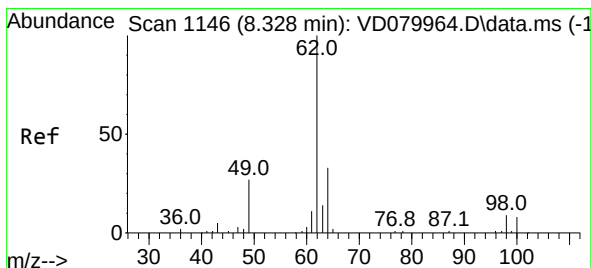
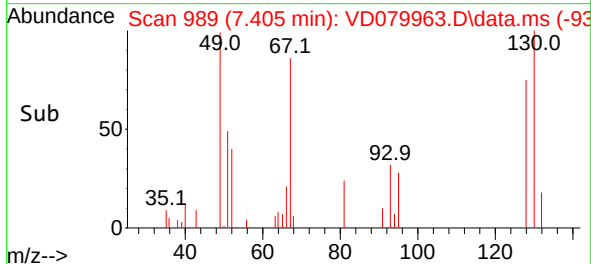
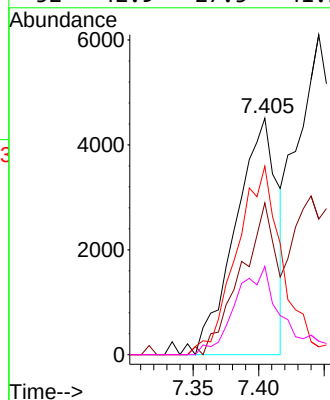
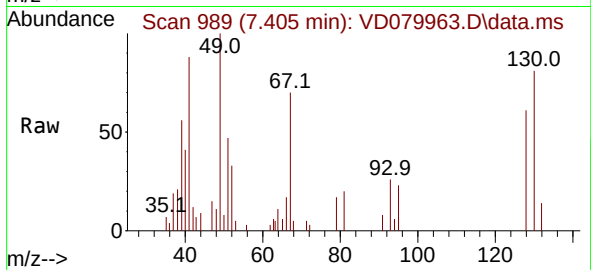
VSTDICC020

Tgt Ion: 41 Resp: 9990
Ion Ratio Lower Upper
41 100
39 54.5 47.8 71.8
67 86.1 64.9 97.3
52 42.9 27.5 41.3#

Manual Integrations

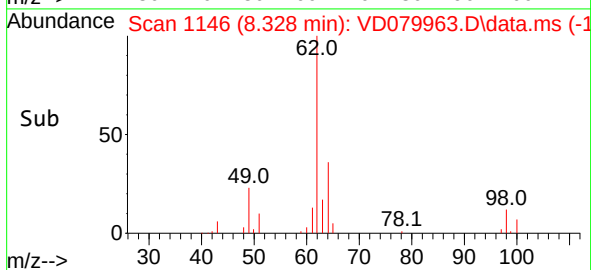
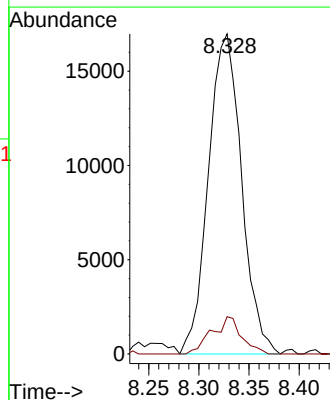
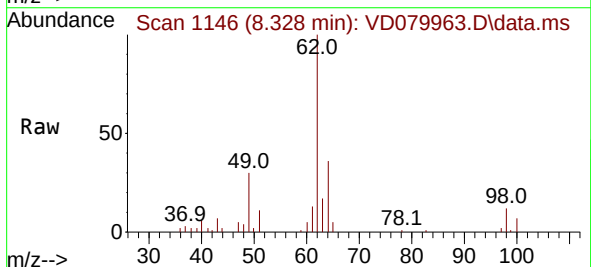
APPROVED

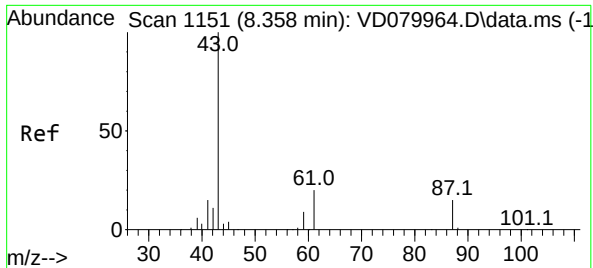
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#42
1,2-Dichloroethane
Concen: 19.408 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

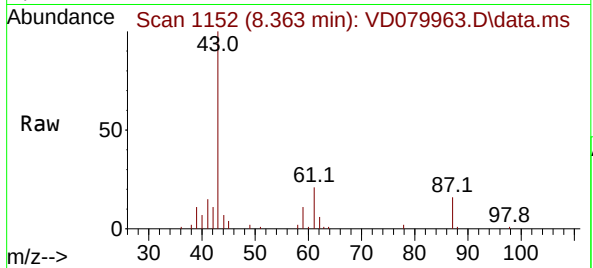
Tgt Ion: 62 Resp: 39097
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.462 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

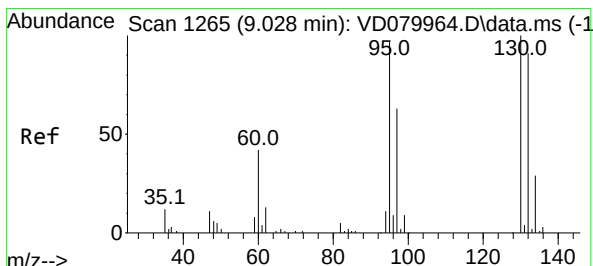
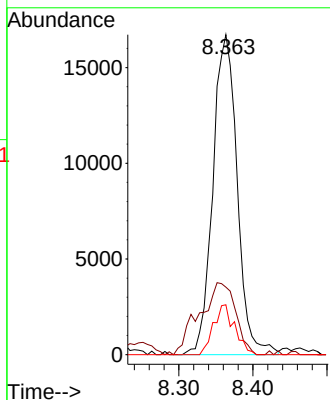
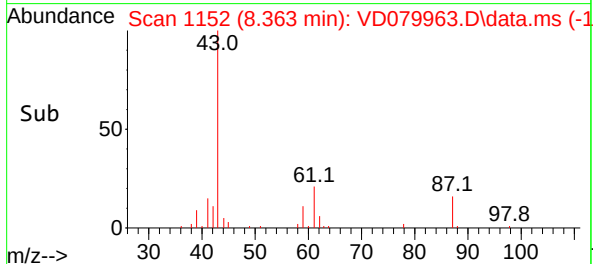
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



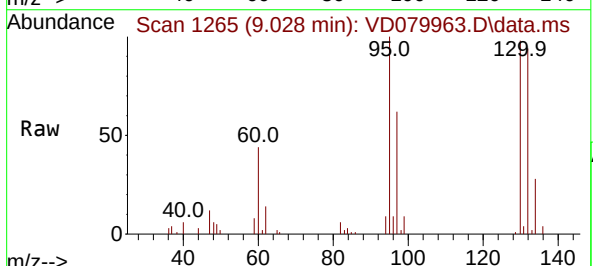
Tgt Ion: 43 Resp: 3814
Ion Ratio Lower Upper
43 100
61 33.4 26.2 39.2
87 13.6 11.8 17.8

Manual Integrations
APPROVED

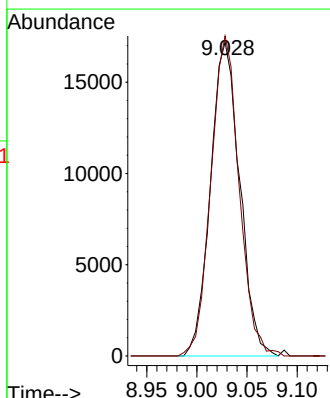
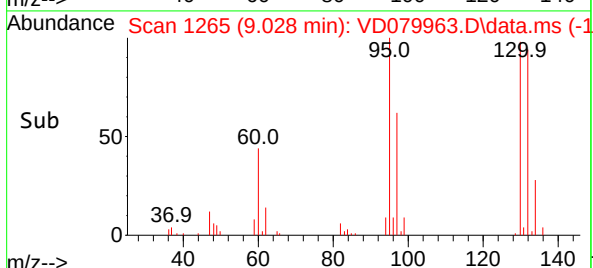
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

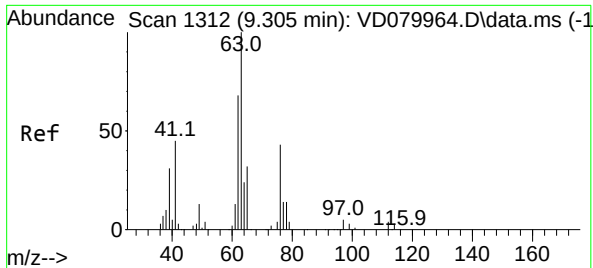


#44
Trichloroethene
Concen: 19.180 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23



Tgt Ion:130 Resp: 34756
Ion Ratio Lower Upper
130 100
95 102.0 0.0 194.6





#45

1,2-Dichloropropane

Concen: 19.517 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3625

Ion Ratio Lower Upper

63 100

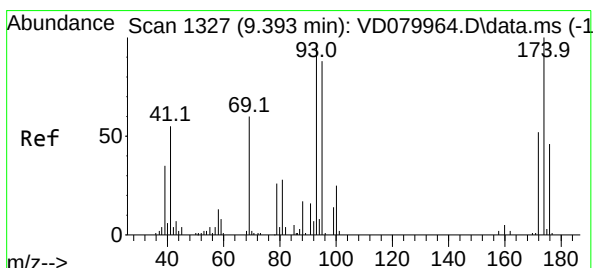
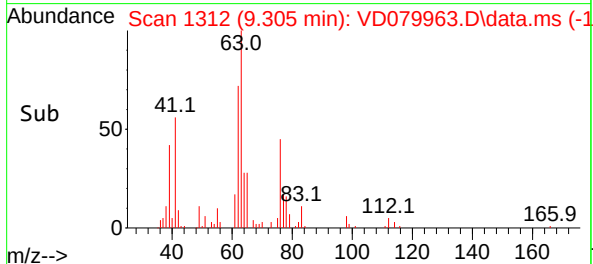
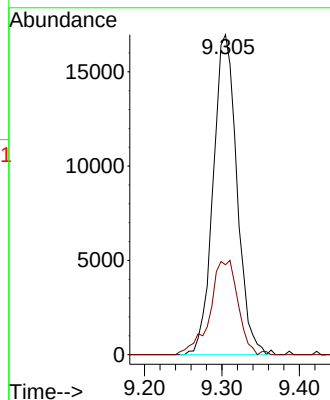
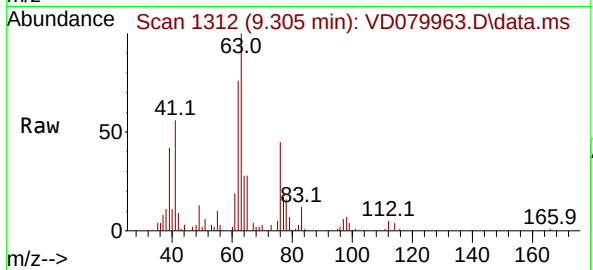
65 28.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#46

Dibromomethane

Concen: 19.283 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

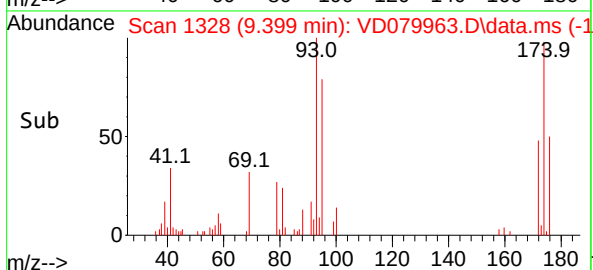
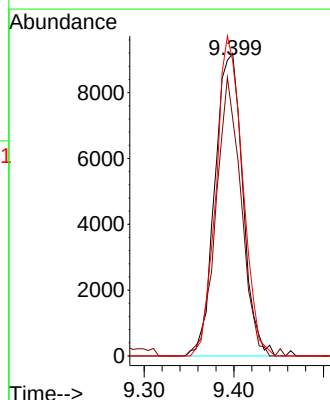
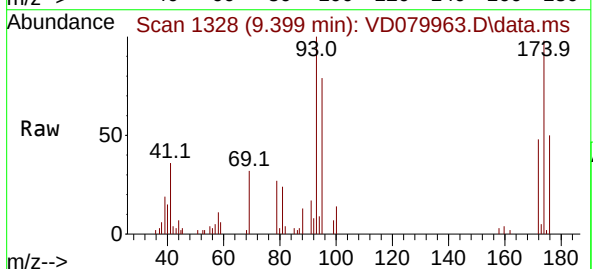
Tgt Ion: 93 Resp: 19763

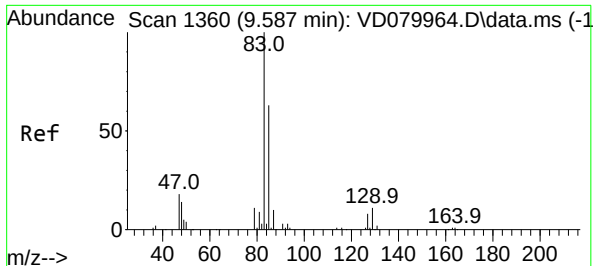
Ion Ratio Lower Upper

93 100

95 82.8 67.9 101.9

174 101.0 80.5 120.7





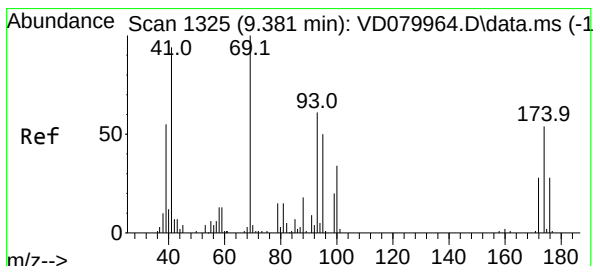
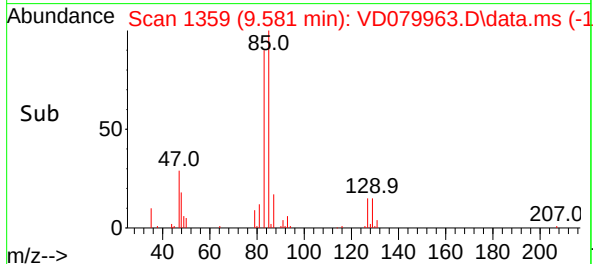
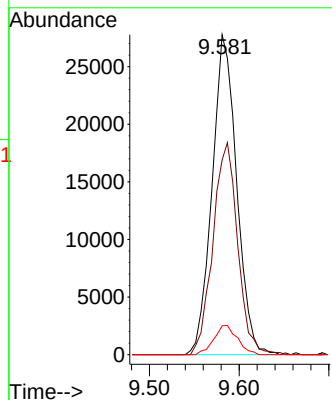
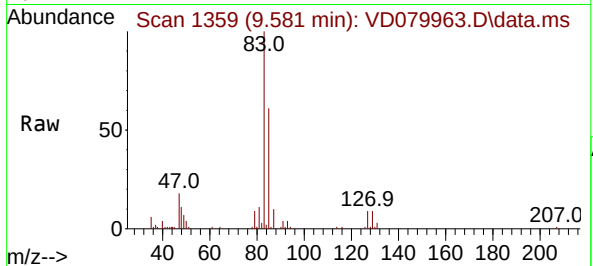
#47
Bromodichloromethane
Concen: 19.418 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5278
Ion Ratio Lower Upper
83 100
85 60.8 50.6 75.8
127 9.0 6.1 9.1

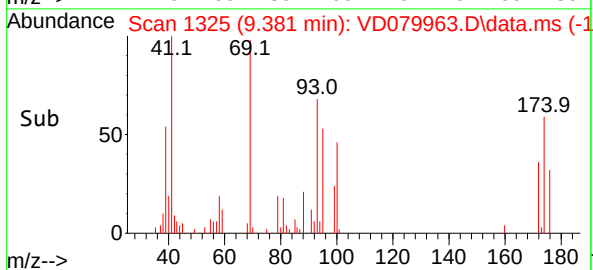
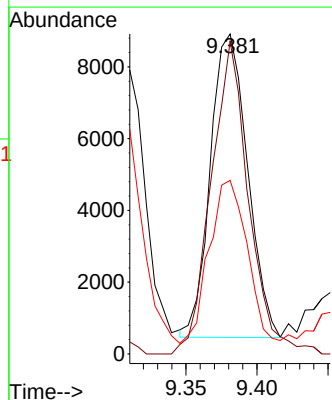
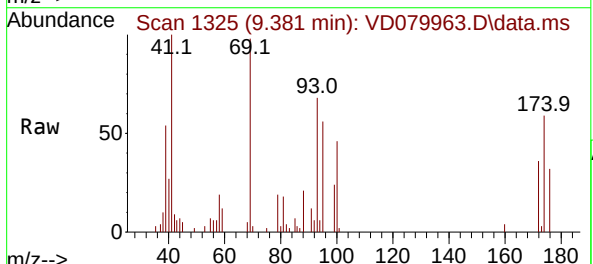
Manual Integrations
APPROVED

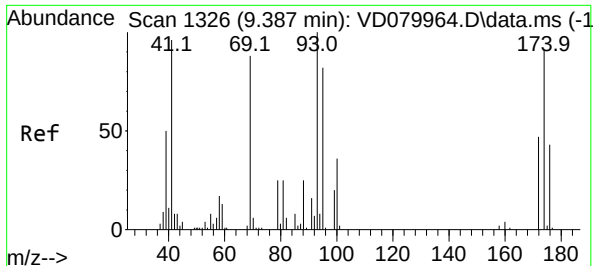
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#48
Methyl methacrylate
Concen: 16.516 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 41 Resp: 15370
Ion Ratio Lower Upper
41 100
69 104.1 74.0 111.0
39 62.7 41.9 62.9





#49

1,4-Dioxane

Concen: 361.137 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 406

Ion Ratio Lower Upper

88 100

43 33.9 29.1 43.7

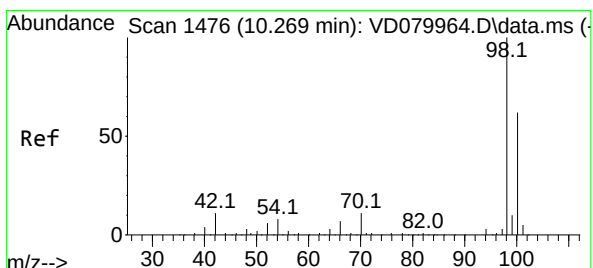
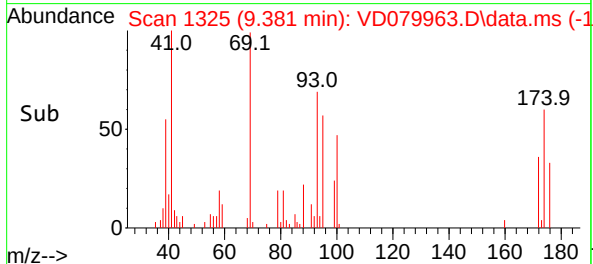
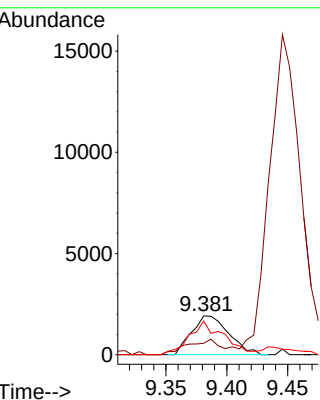
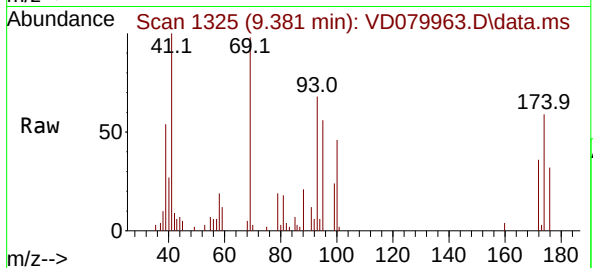
58 79.7 59.9 89.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#50

Toluene-d8

Concen: 20.378 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079963.D

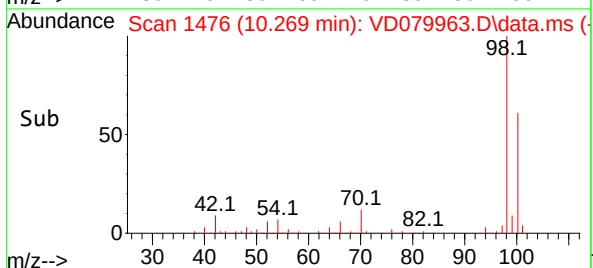
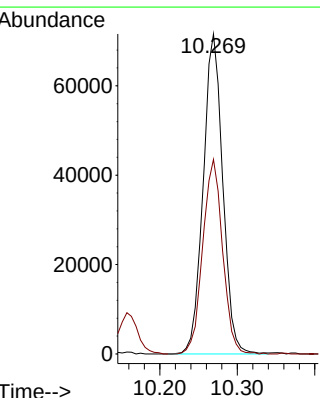
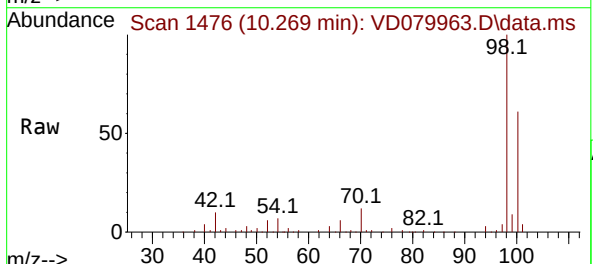
Acq: 11 Oct 2024 11:23

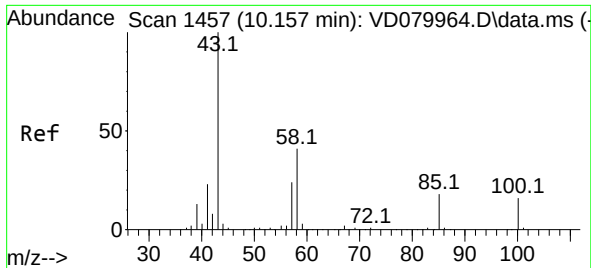
Tgt Ion: 98 Resp: 125506

Ion Ratio Lower Upper

98 100

100 61.7 50.2 75.4





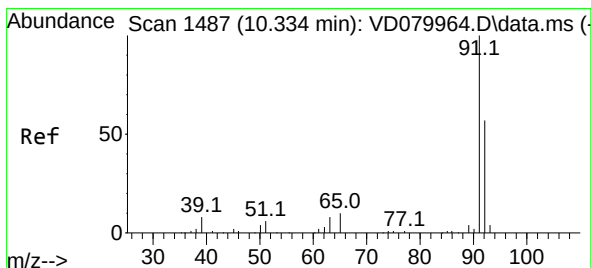
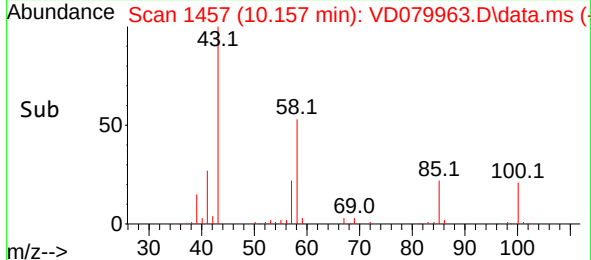
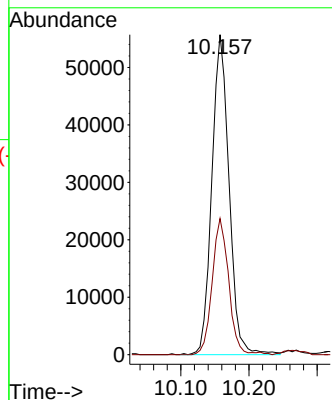
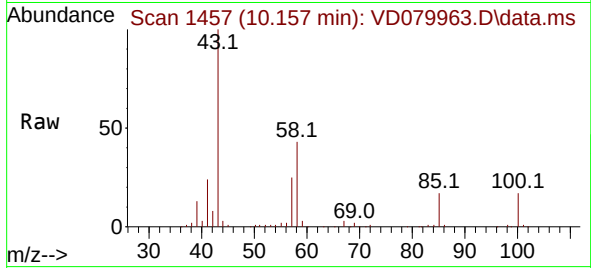
#51
4-Methyl-2-Pentanone
Concen: 92.680 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 97963
Ion Ratio Lower Upper
43 100
58 40.9 32.8 49.2

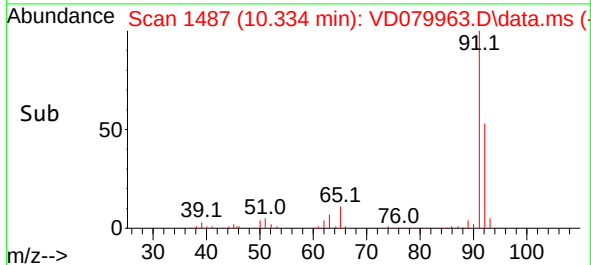
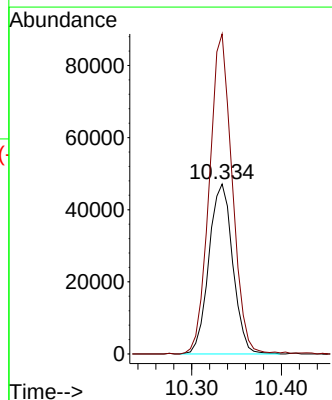
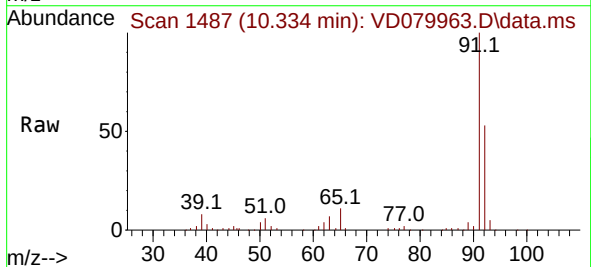
Manual Integrations
APPROVED

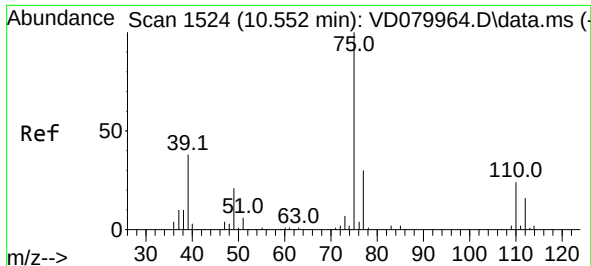
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#52
Toluene
Concen: 19.390 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

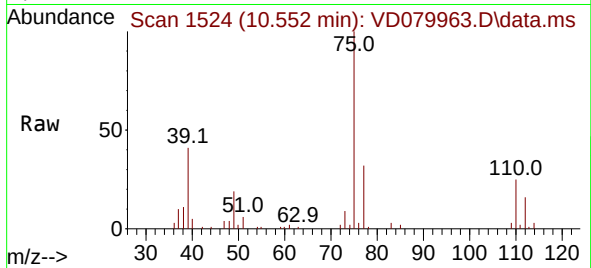
Tgt Ion: 92 Resp: 86963
Ion Ratio Lower Upper
92 100
91 181.0 139.3 208.9





#53
 t-1,3-Dichloropropene
 Concen: 19.204 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

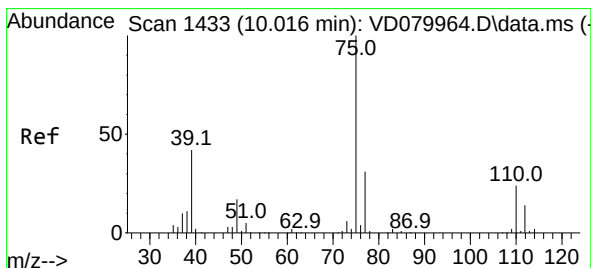
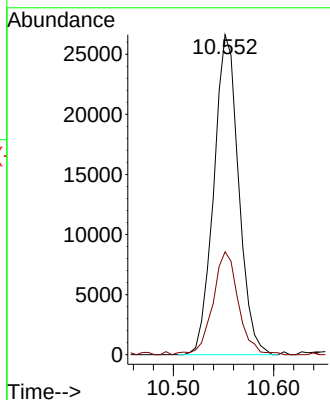
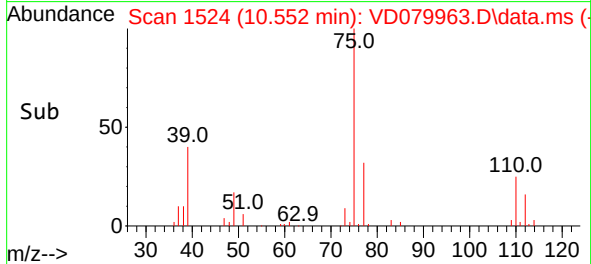
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 45708
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1

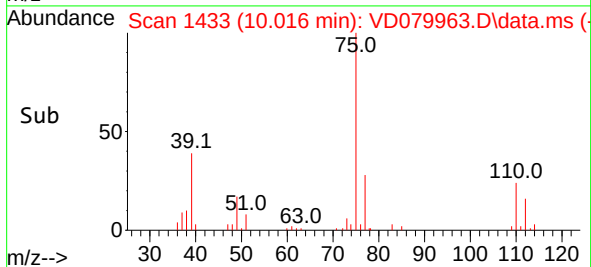
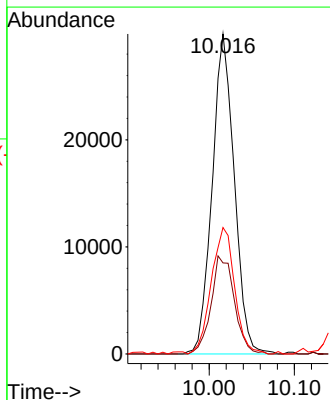
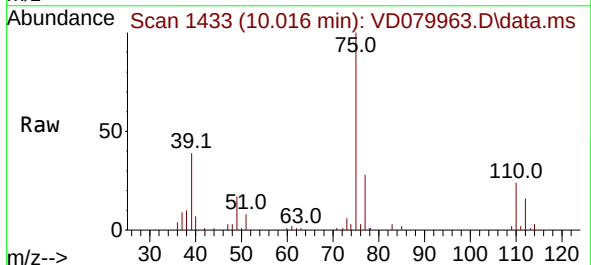
Manual Integrations
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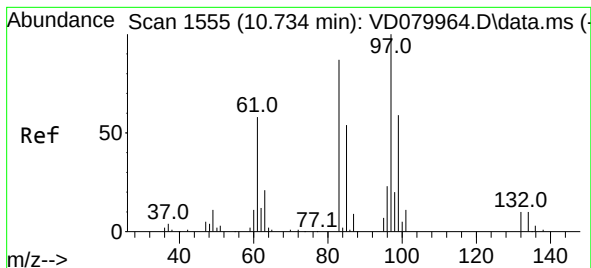
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.169 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

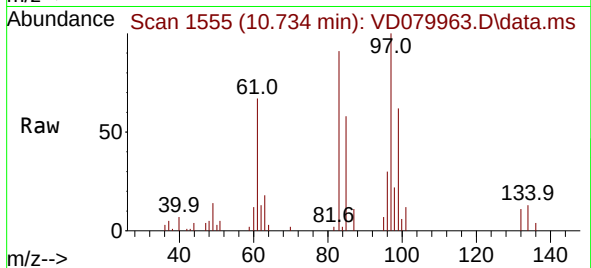
Tgt Ion: 75 Resp: 53838
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.0 37.4
 39 38.8 33.2 49.8





#55
1,1,2-Trichloroethane
Concen: 18.953 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

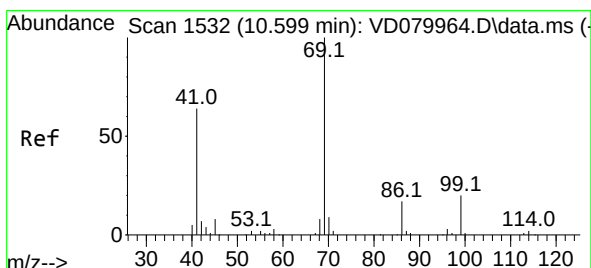
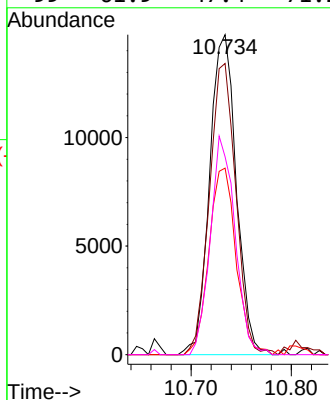
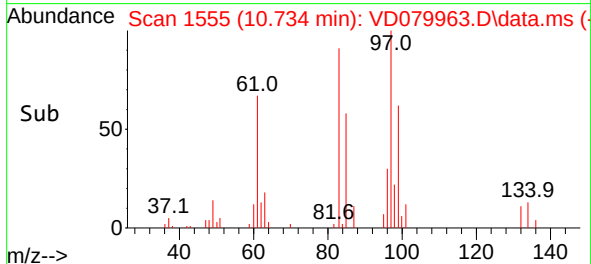
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.2	103.8
85	58.3	43.0	64.6
99	61.9	47.4	71.2

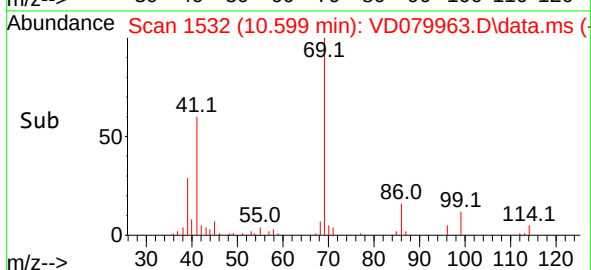
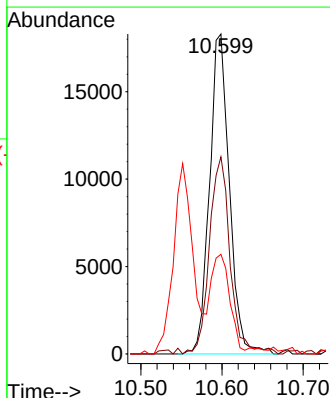
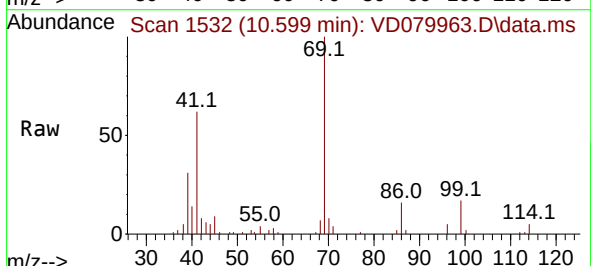
Manual Integrations
APPROVED

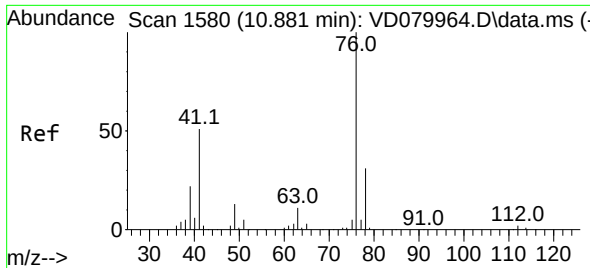
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#56
Ethyl methacrylate
Concen: 18.516 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

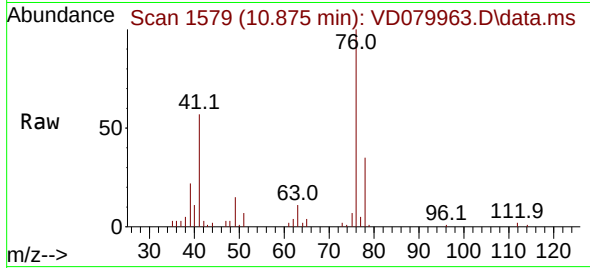
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.4	75.6
39	27.4	26.0	39.0





#57
1,3-Dichloropropane
Concen: 19.151 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

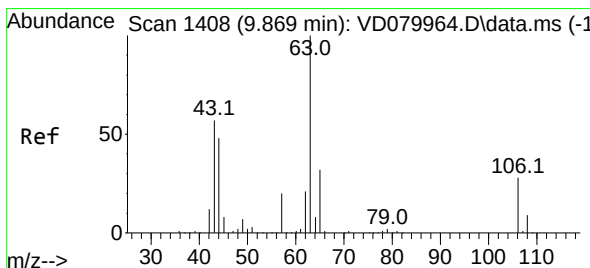
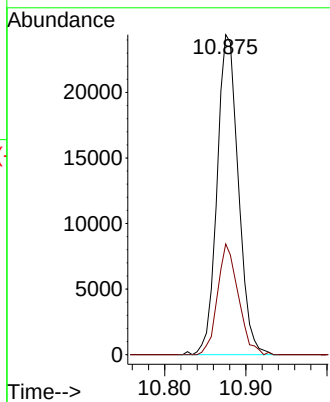
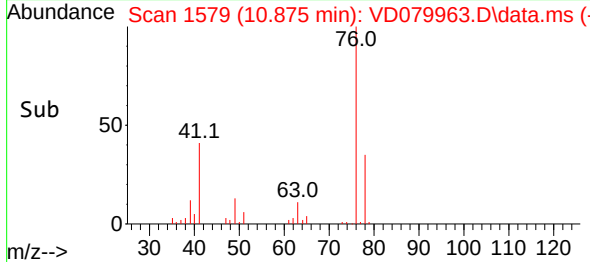
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 4449
Ion Ratio Lower Upper
76 100
78 33.8 25.4 38.2

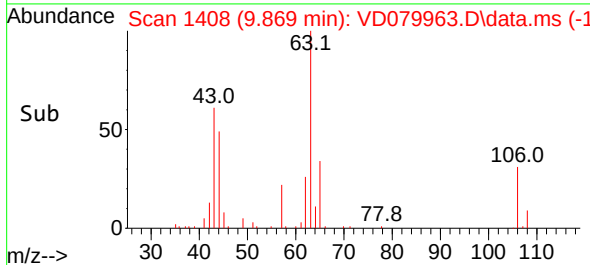
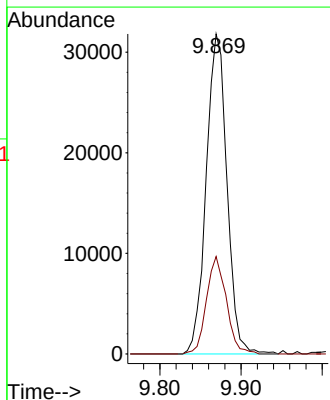
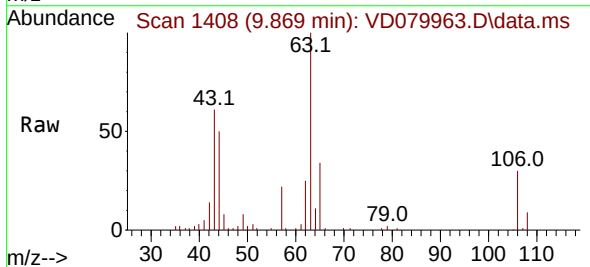
Manual Integrations
APPROVED

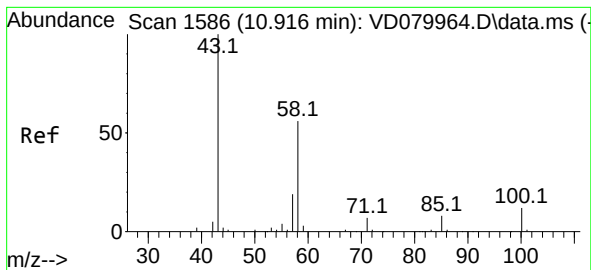
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 90.827 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

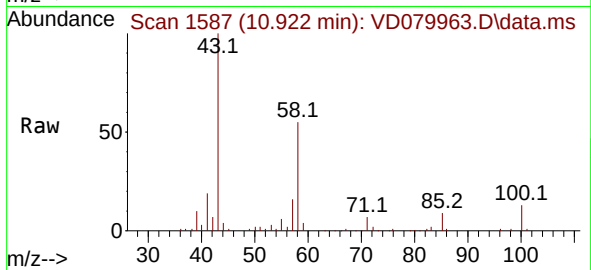
Tgt Ion: 63 Resp: 56525
Ion Ratio Lower Upper
63 100
106 29.1 21.8 32.6





#59
2-Hexanone
Concen: 93.265 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

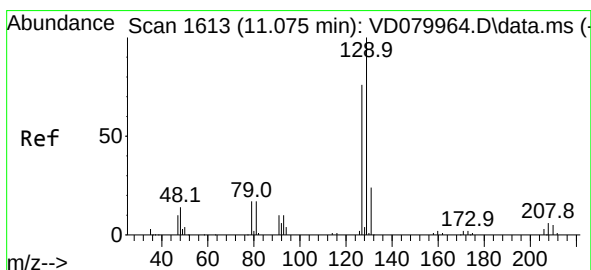
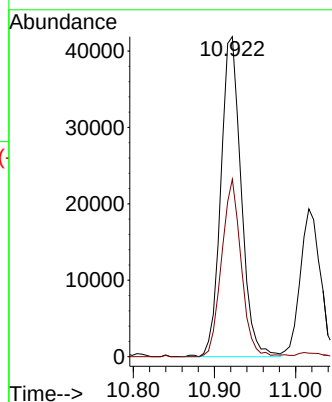
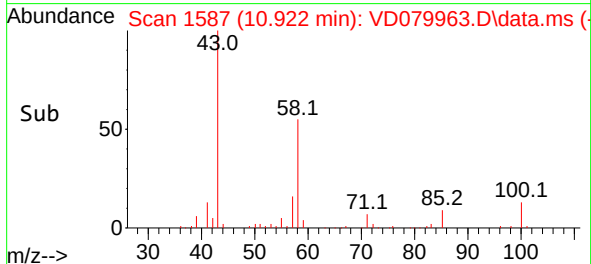
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 7301
Ion Ratio Lower Upper
43 100
58 53.3 27.8 83.4

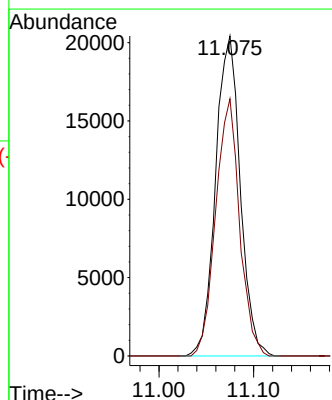
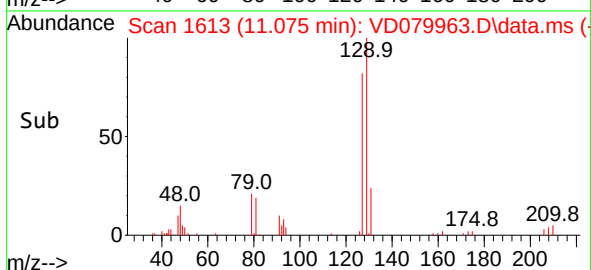
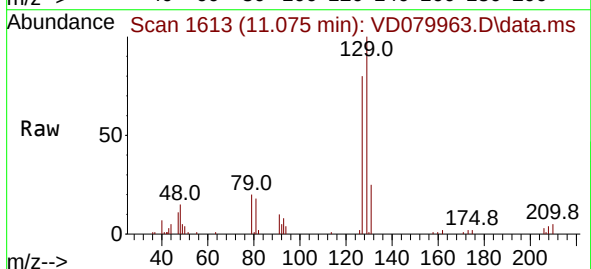
Manual Integrations
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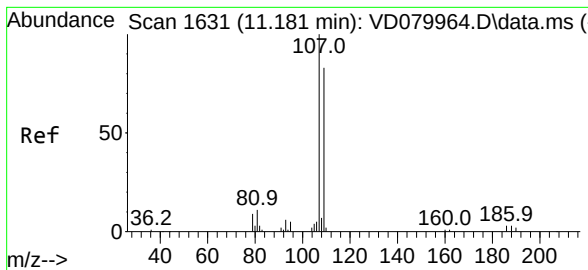
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#60
Dibromochloromethane
Concen: 19.765 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

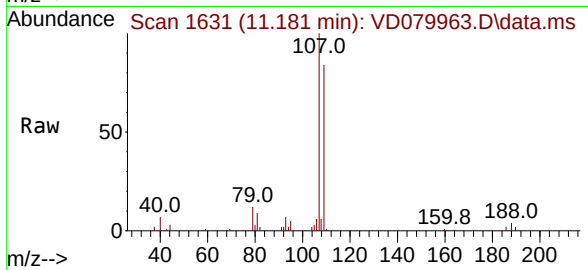
Tgt Ion:129 Resp: 36970
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61
1,2-Dibromoethane
Concen: 19.184 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

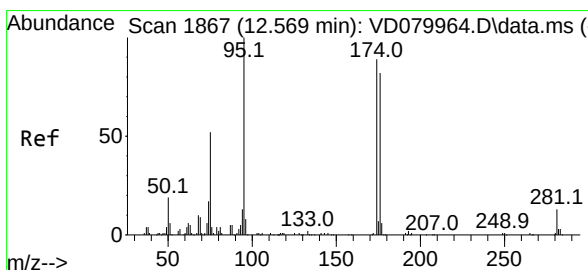
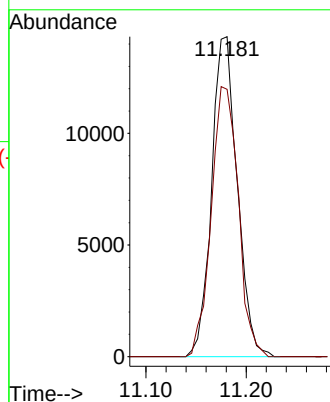
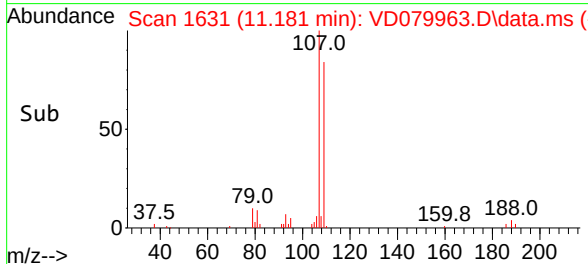
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



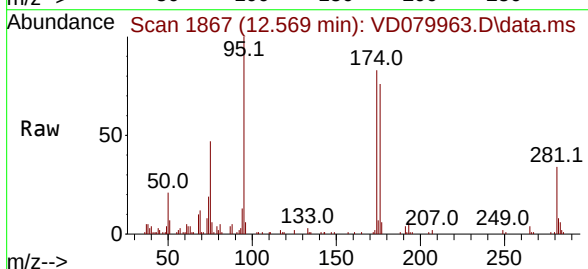
Tgt Ion:107 Resp: 25418
Ion Ratio Lower Upper
107 100
109 88.9 73.9 110.9

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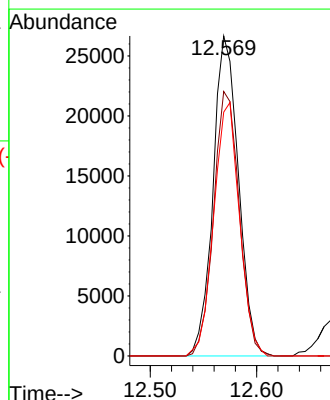
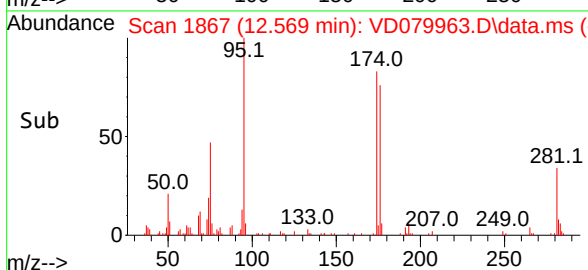
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

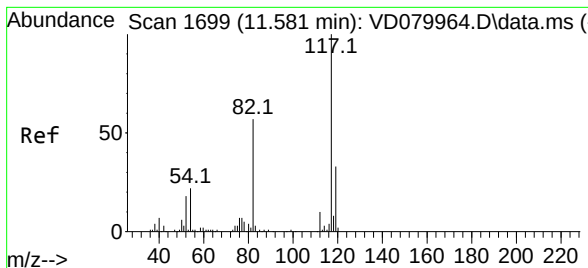


#62
4-Bromofluorobenzene
Concen: 20.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23



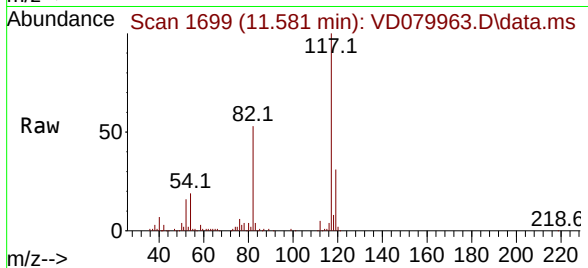
Tgt Ion: 95 Resp: 44192
Ion Ratio Lower Upper
95 100
174 83.1 0.0 173.4
176 80.3 0.0 166.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

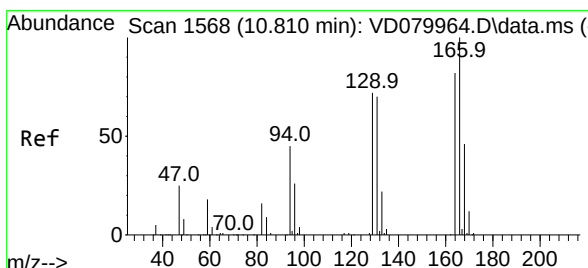
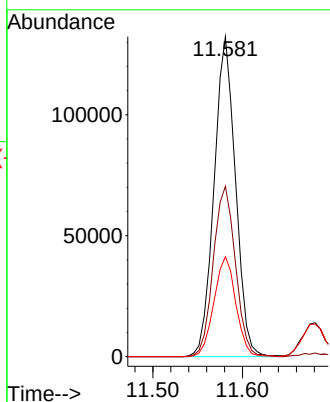
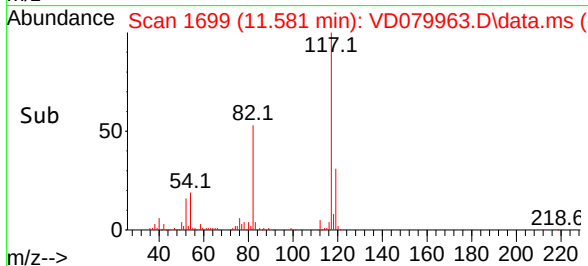
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



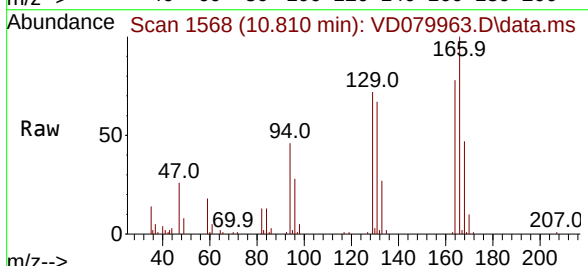
Tgt Ion:117 Resp: 219200
Ion Ratio Lower Upper
117 100
82 53.2 45.8 68.6
119 31.3 26.2 39.2

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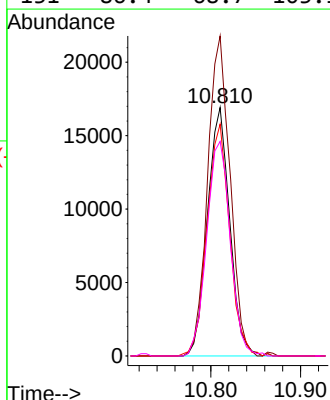
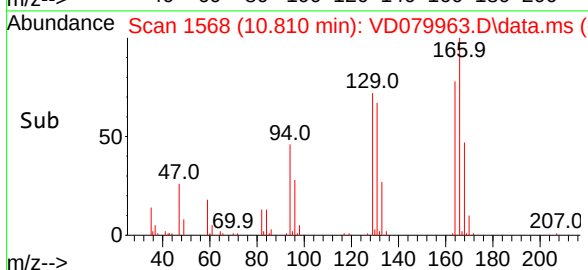
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

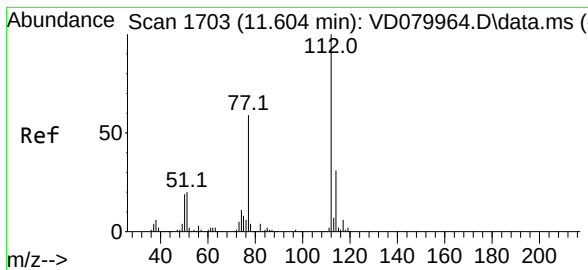


#64
Tetrachloroethene
Concen: 18.952 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23



Tgt Ion:164 Resp: 29303
Ion Ratio Lower Upper
164 100
166 128.8 97.5 146.3
129 93.3 70.6 106.0
131 86.4 68.7 103.1





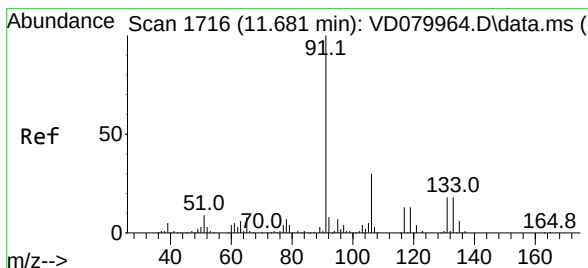
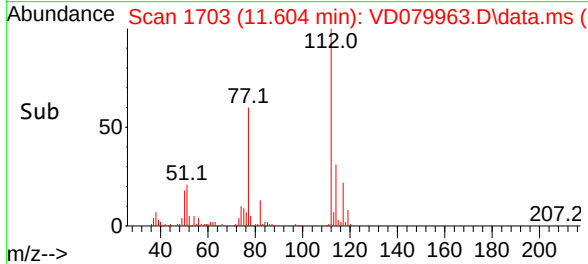
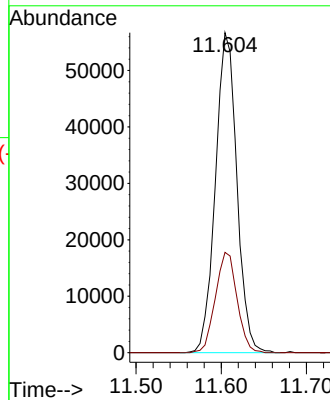
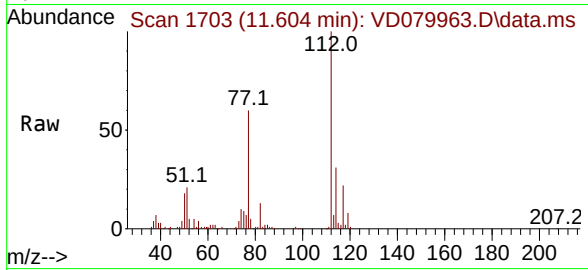
#65
Chlorobenzene
Concen: 19.399 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 9896
Ion Ratio Lower Upper
112 100
114 31.4 24.6 37.0

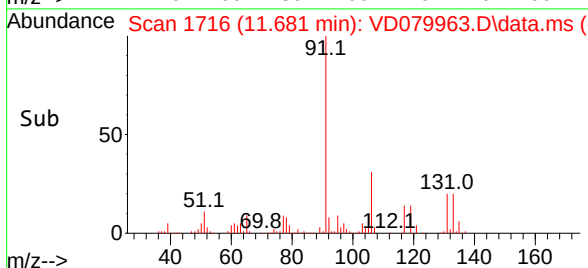
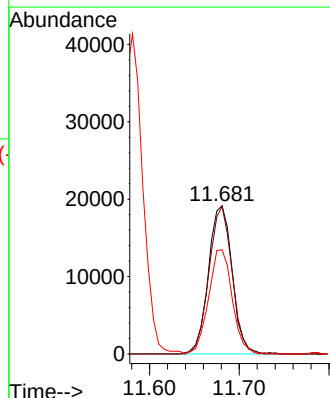
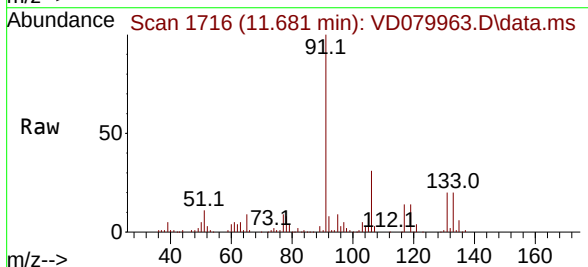
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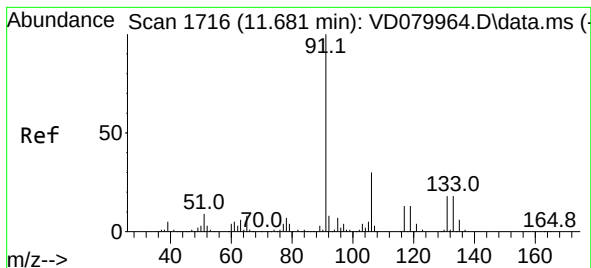
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.121 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:131 Resp: 35043
Ion Ratio Lower Upper
131 100
133 97.1 48.8 146.4
119 70.1 34.8 104.3





#67

Ethyl Benzene

Concen: 18.432 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 15904

Ion Ratio Lower Upper

91 100

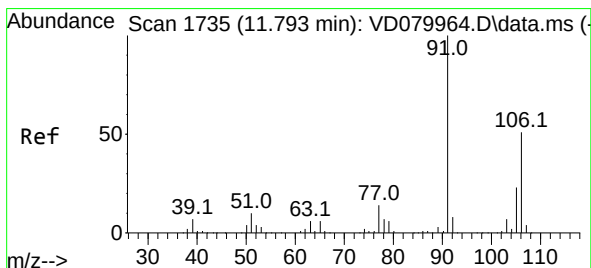
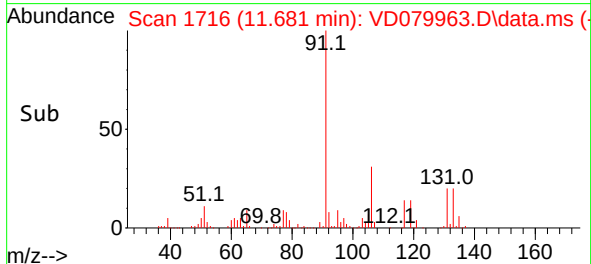
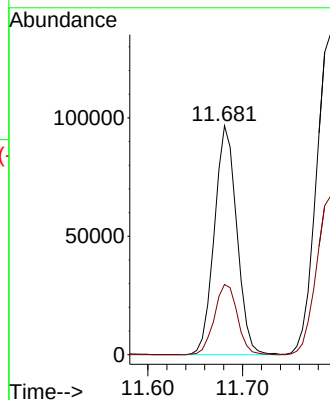
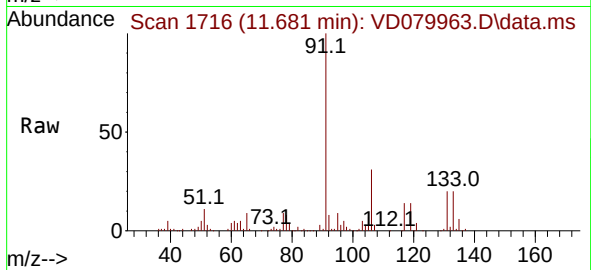
106 30.7 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#68

m/p-Xylenes

Concen: 38.377 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079963.D

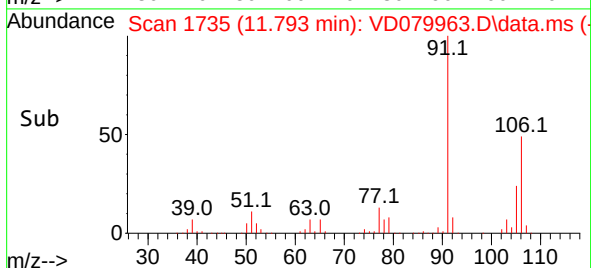
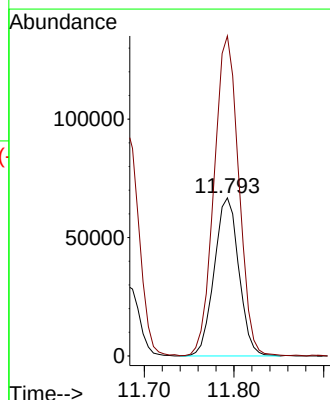
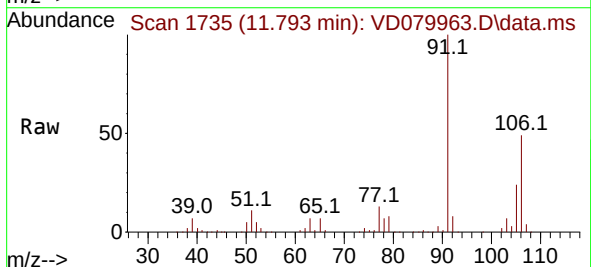
Acq: 11 Oct 2024 11:23

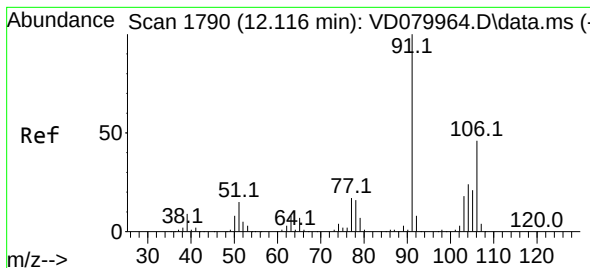
Tgt Ion:106 Resp: 127085

Ion Ratio Lower Upper

106 100

91 202.8 162.6 244.0





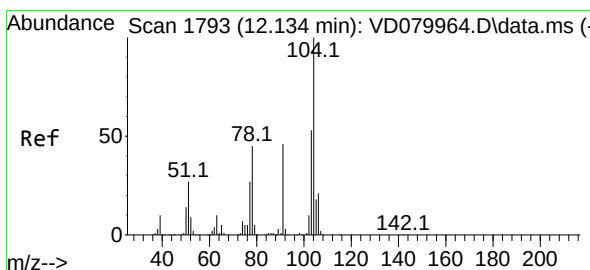
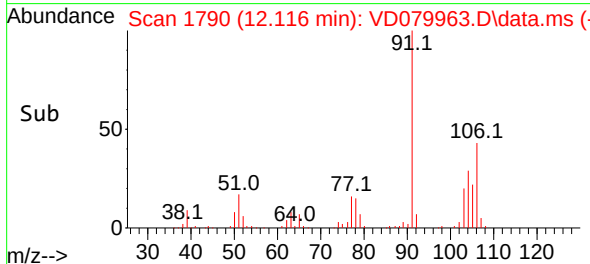
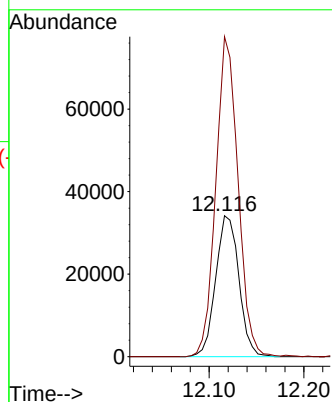
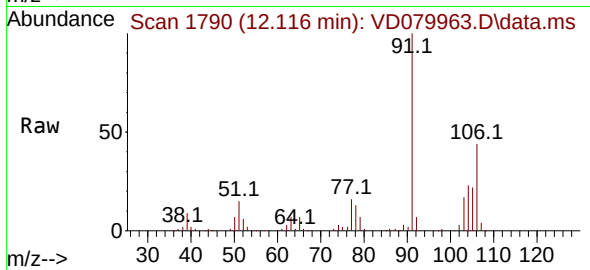
#69
o-Xylene
Concen: 19.008 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 5823
Ion Ratio Lower Upper
106 100
91 217.3 110.5 331.5

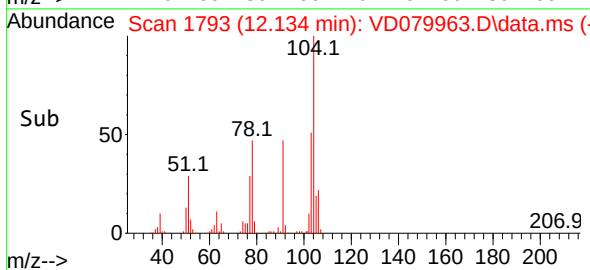
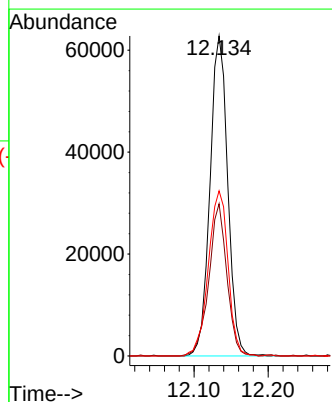
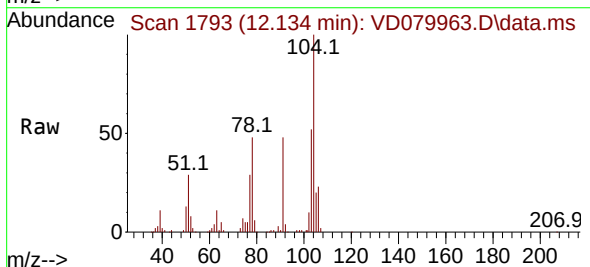
Manual Integrations
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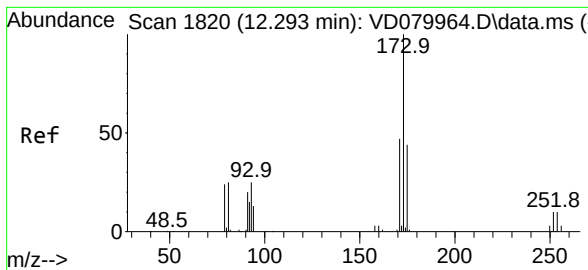
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#70
Styrene
Concen: 19.181 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

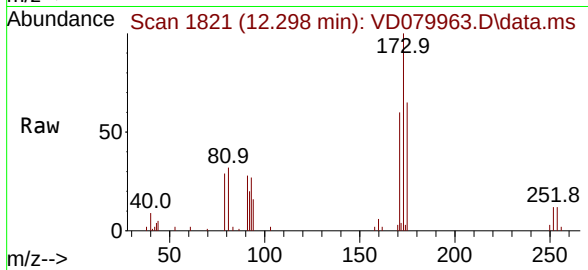
Tgt Ion:104 Resp: 104578
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.8
103 57.1 45.2 67.8





#71
Bromoform
Concen: 18.843 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

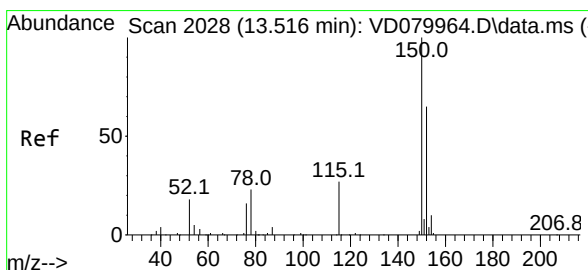
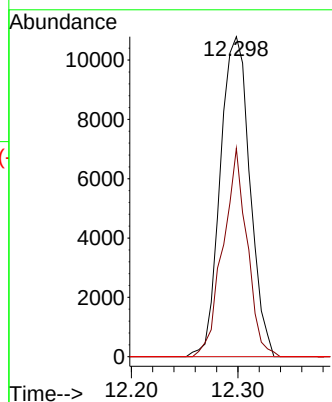
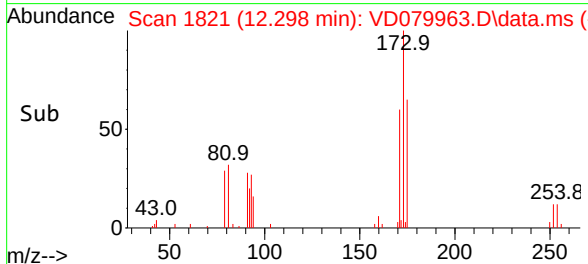
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



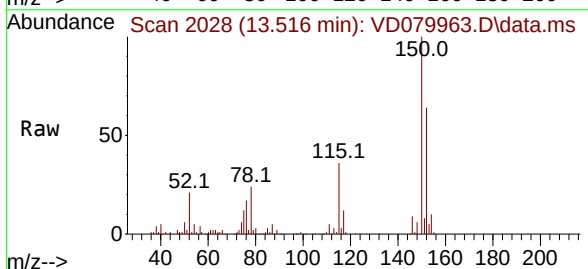
Tgt Ion:173 Resp: 2076
Ion Ratio Lower Upper
173 100
175 53.3 24.8 74.3
254 0.0 0.0 0.0

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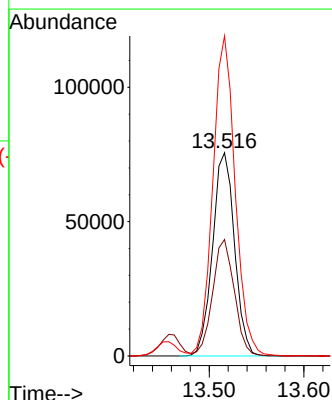
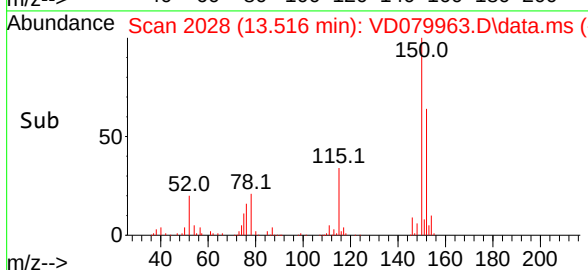
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

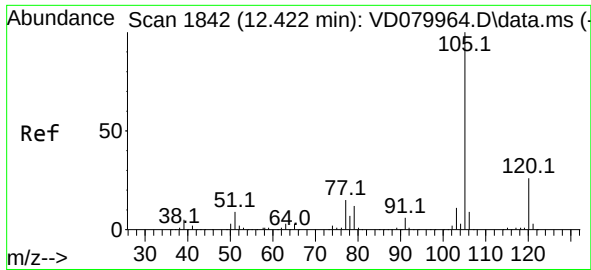


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23



Tgt Ion:152 Resp: 121832
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.8
150 159.6 0.0 354.8





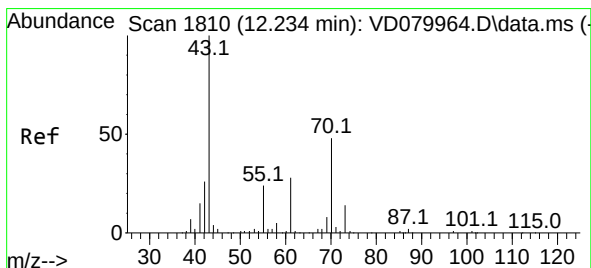
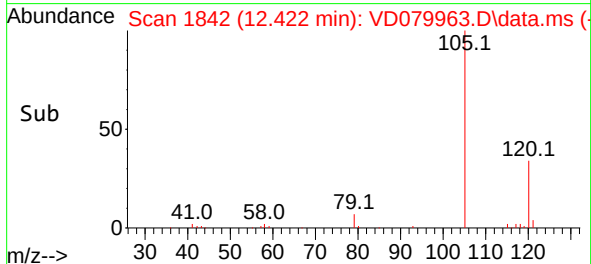
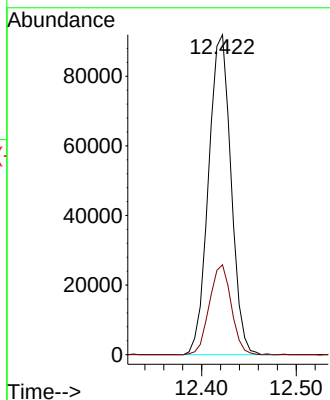
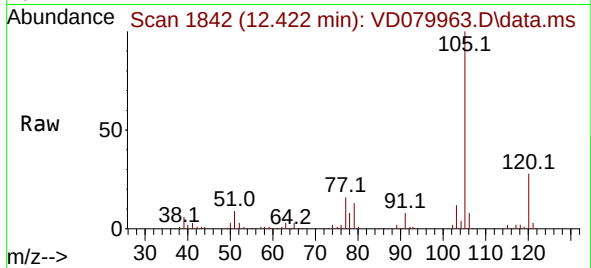
#73
Isopropylbenzene
Concen: 18.331 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 15192
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9

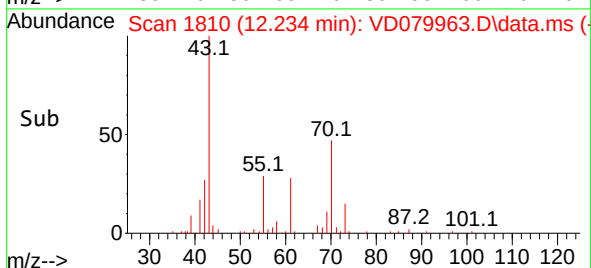
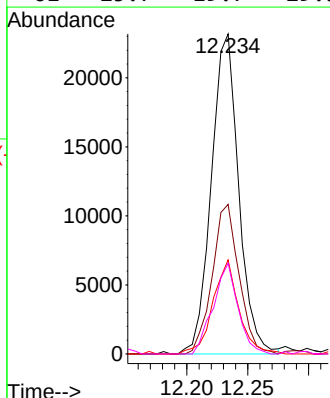
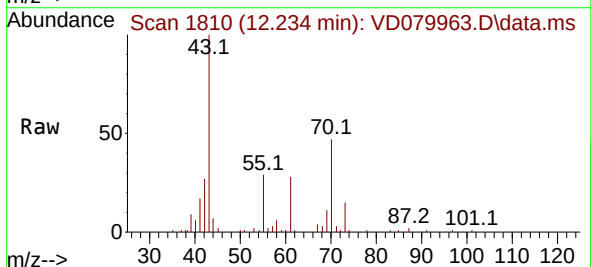
Manual Integrations
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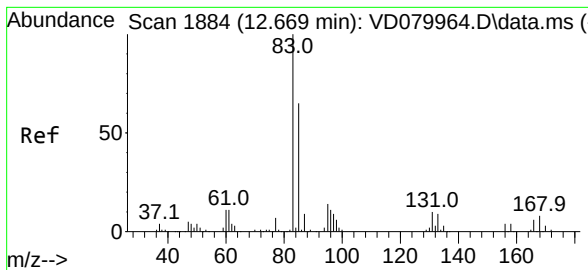
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#74
N-ethyl acetate
Concen: 18.068 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

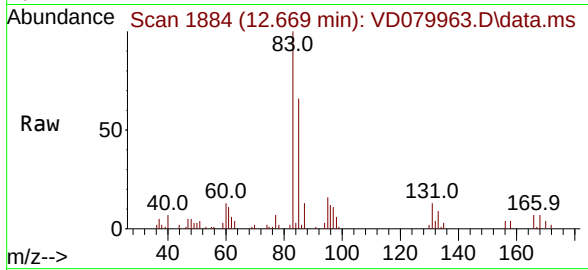
Tgt Ion: 43 Resp: 36218
Ion Ratio Lower Upper
43 100
70 45.7 36.3 54.5
55 27.9 20.3 30.5
61 25.7 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.282 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

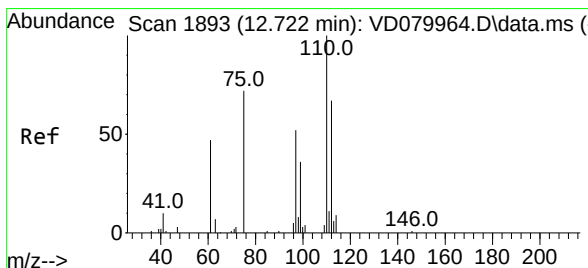
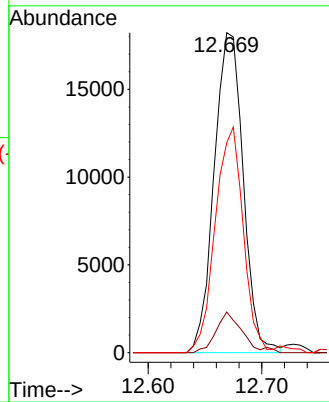
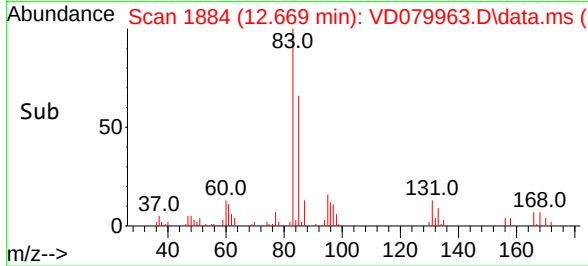
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



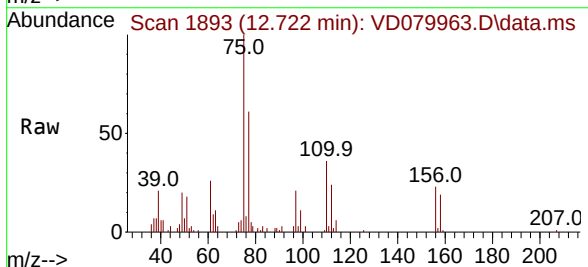
Tgt Ion: 83 Resp: 3240
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.3
85 67.9 32.9 98.6

Manual Integrations
APPROVED

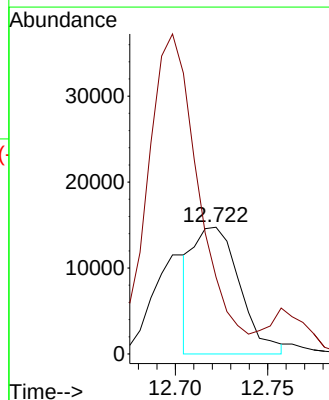
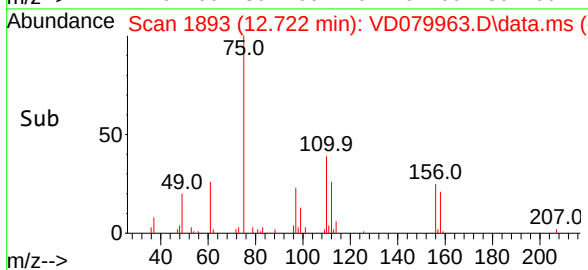
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

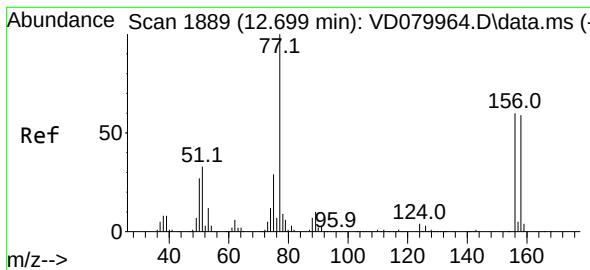


#76
1,2,3-Trichloropropane
Concen: 19.966 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23



Tgt Ion: 75 Resp: 25821
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





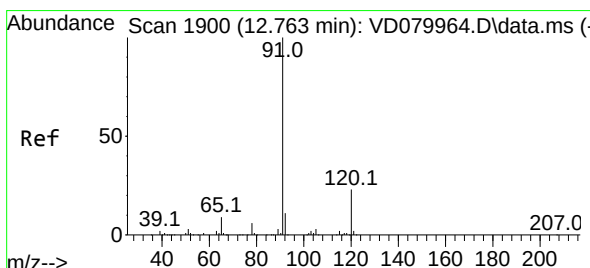
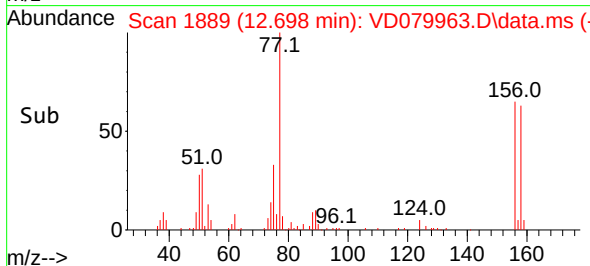
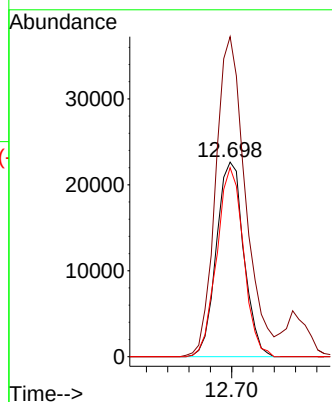
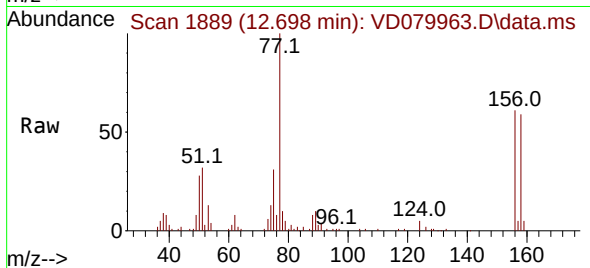
#77
Bromobenzene
Concen: 18.845 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 40400
Ion Ratio Lower Upper
156 100
77 178.7 89.8 269.6
158 94.8 47.9 143.8

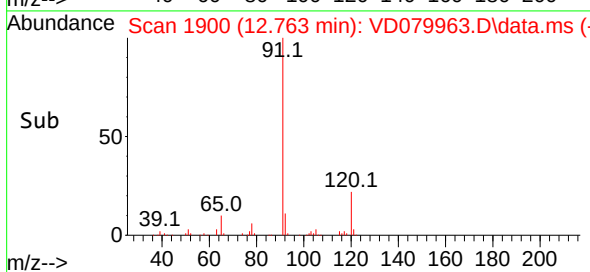
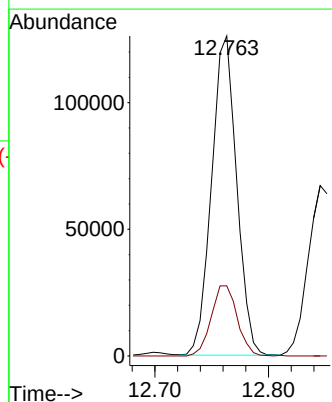
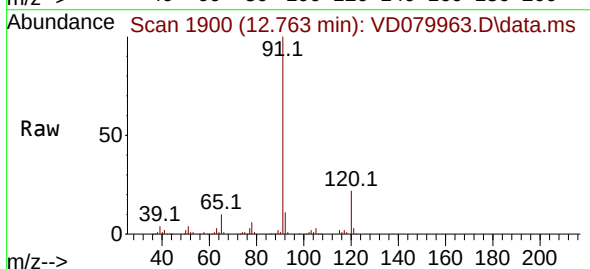
Manual Integrations
APPROVED

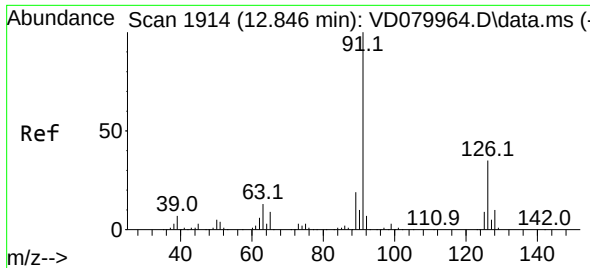
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#78
n-propylbenzene
Concen: 18.779 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 91 Resp: 193498
Ion Ratio Lower Upper
91 100
120 22.8 11.2 33.5





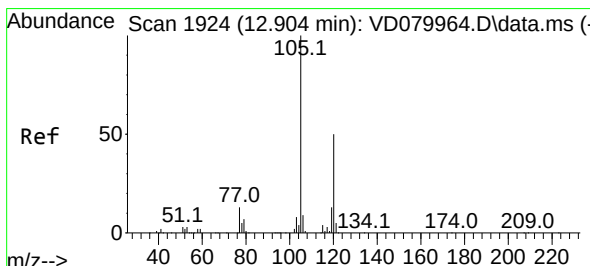
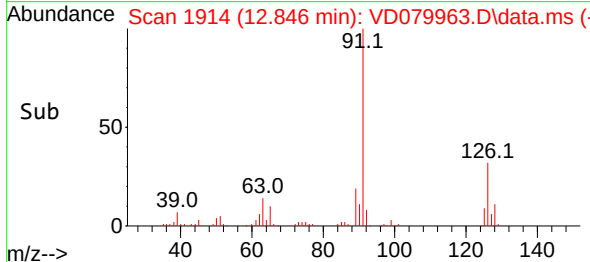
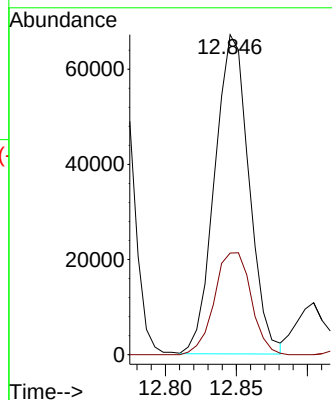
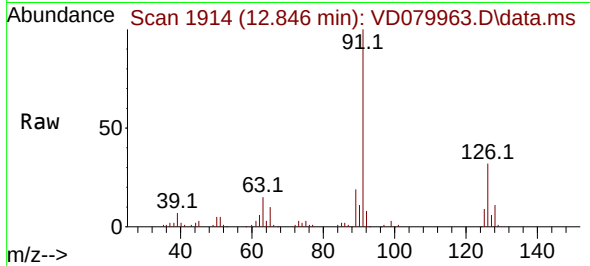
#79
2-Chlorotoluene
Concen: 18.865 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 112935
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.5

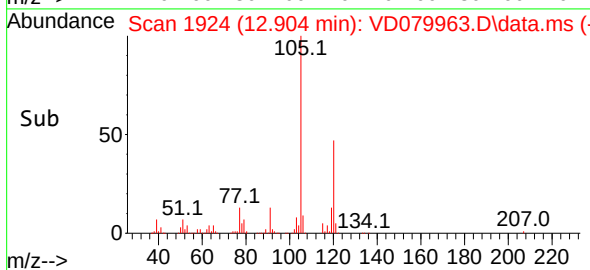
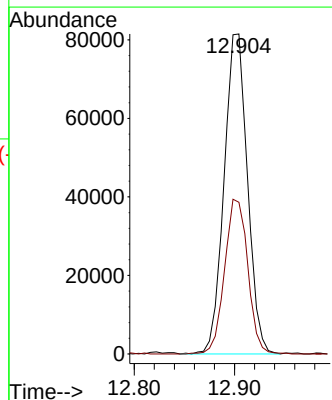
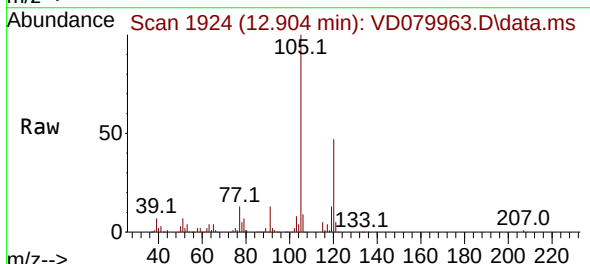
Manual Integrations
APPROVED

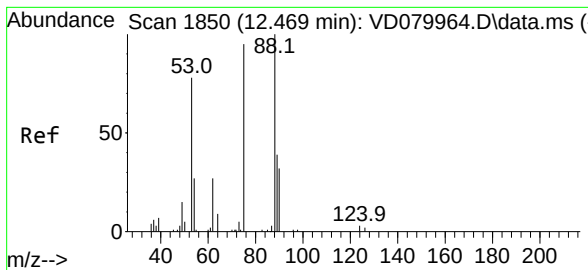
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.912 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:105 Resp: 132103
Ion Ratio Lower Upper
105 100
120 48.1 25.0 75.0





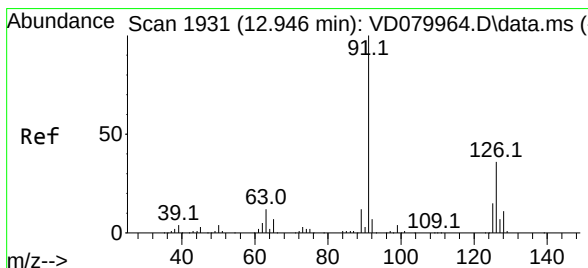
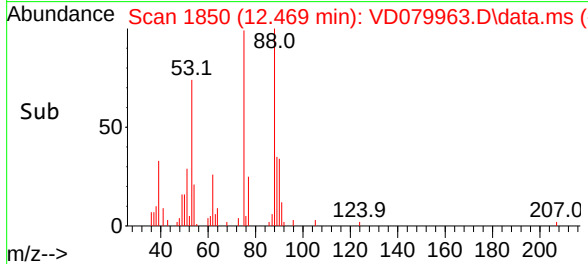
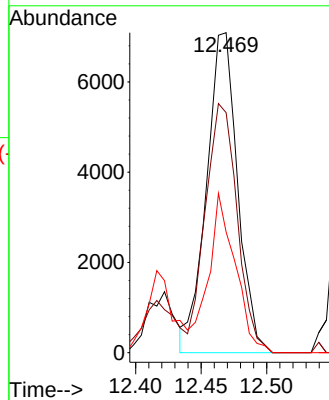
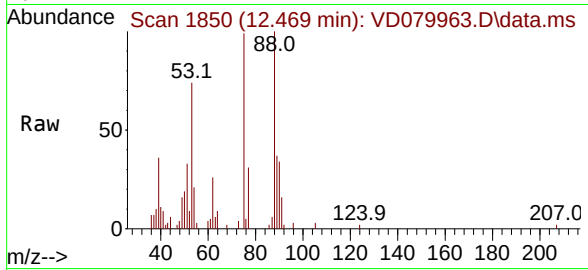
#81
trans-1,4-Dichloro-2-butene
Concen: 19.431 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
53 79.4 68.7 103.1
89 42.9 36.1 54.1

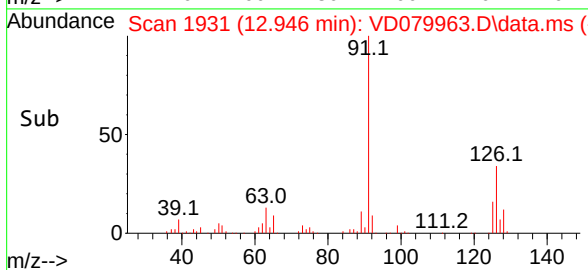
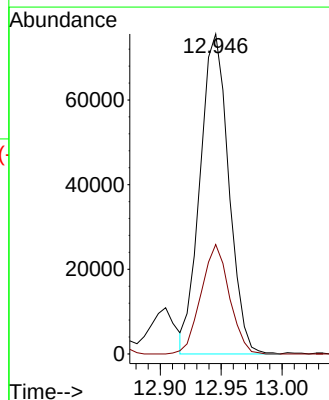
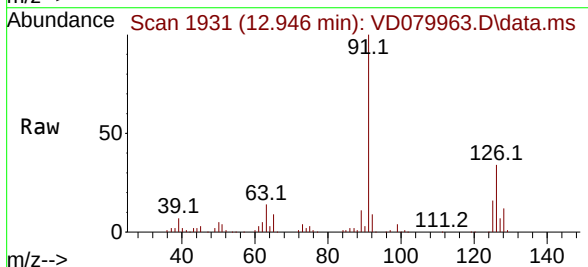
Manual Integrations
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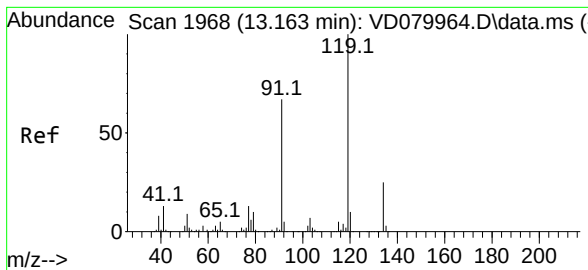
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#82
4-Chlorotoluene
Concen: 19.286 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 91 Resp: 124031
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.3





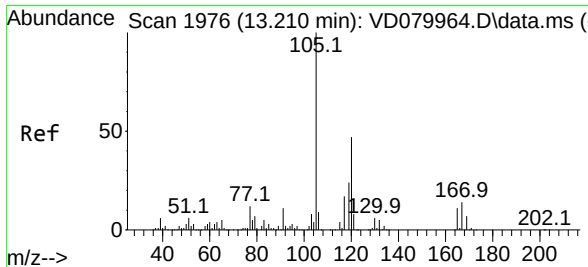
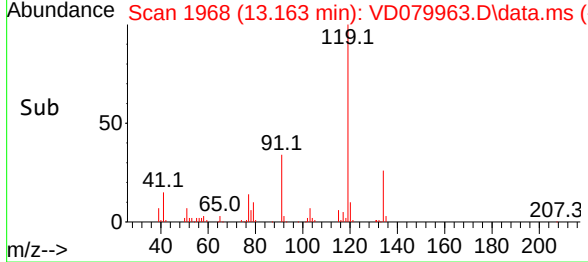
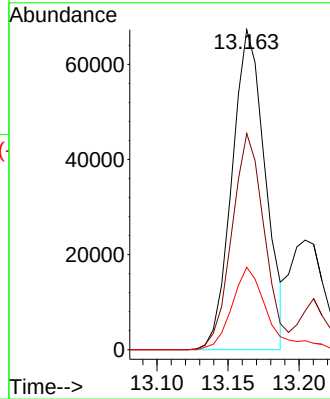
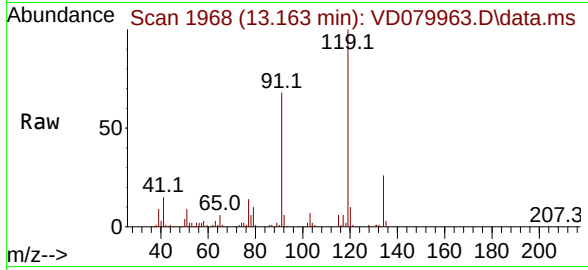
#83
tert-Butylbenzene
Concen: 18.345 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 109829
Ion Ratio Lower Upper
119 100
91 66.3 33.3 99.9
134 27.5 13.5 40.5

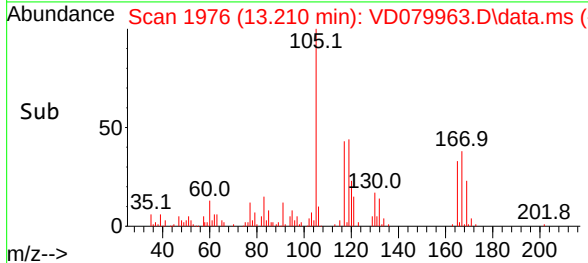
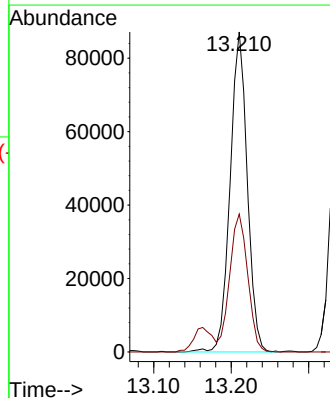
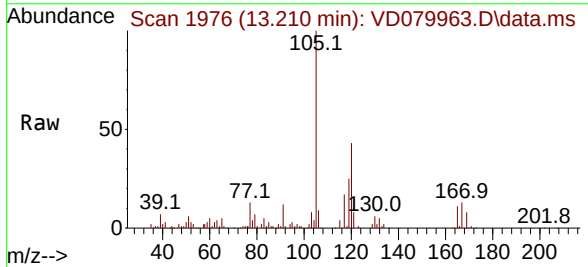
Manual Integrations
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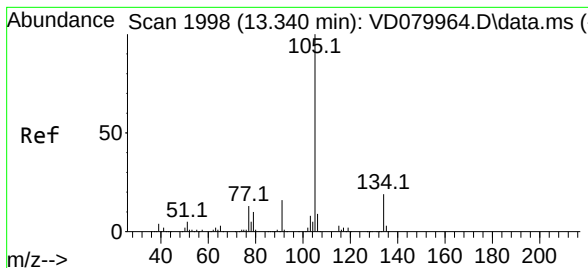
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.120 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:105 Resp: 134115
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.012 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 17493

Ion Ratio Lower Upper

105 100

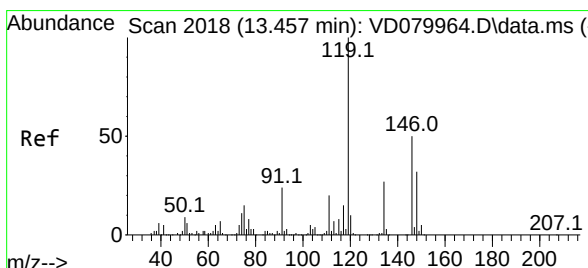
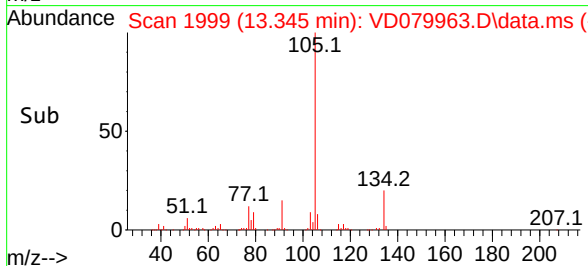
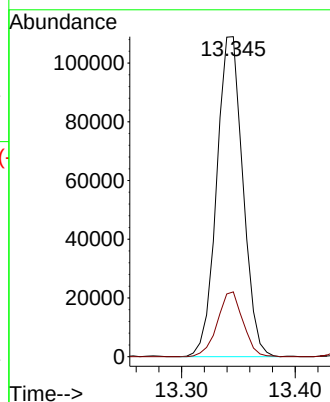
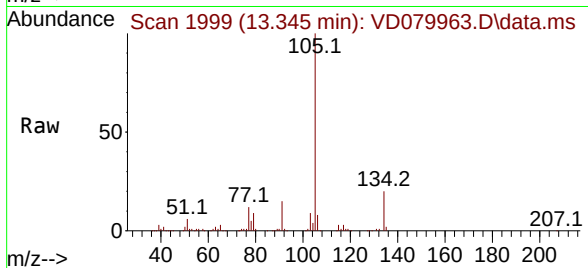
134 19.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#86

p-Isopropyltoluene

Concen: 18.850 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

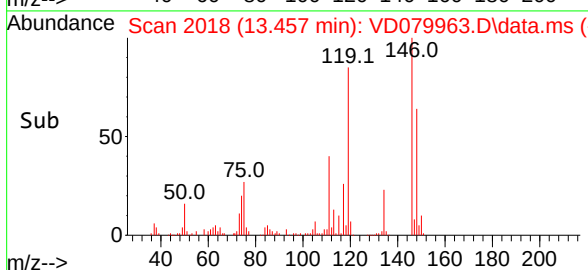
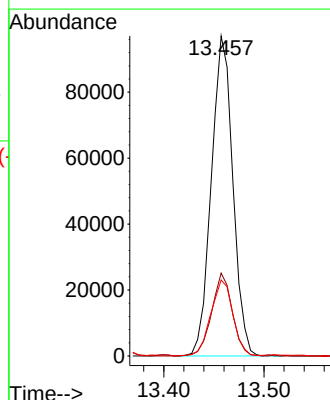
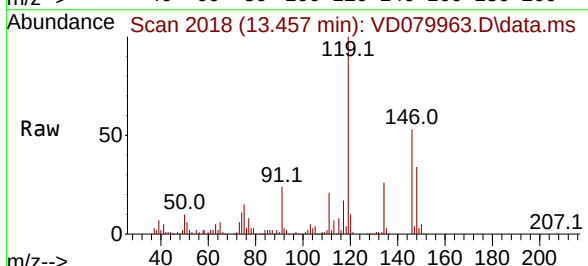
Tgt Ion:119 Resp: 144698

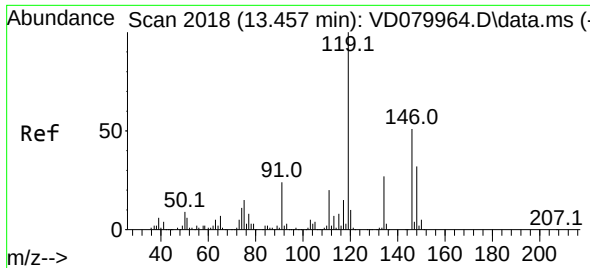
Ion Ratio Lower Upper

119 100

134 24.8 13.1 39.1

91 24.3 12.2 36.4





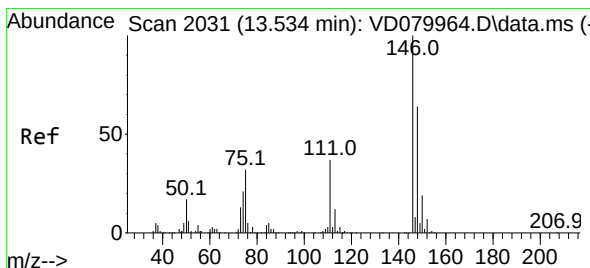
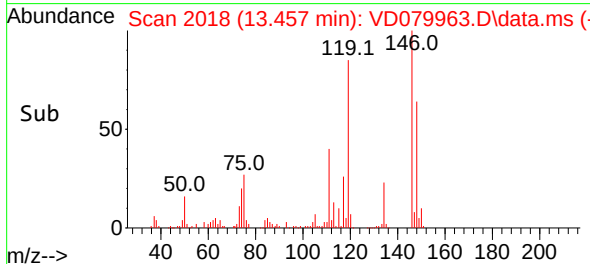
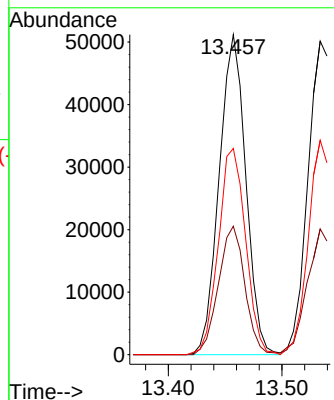
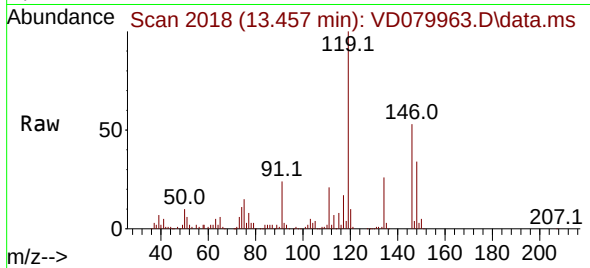
#87
 1,3-Dichlorobenzene
 Concen: 19.014 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 83414
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 65.8 31.9 95.7

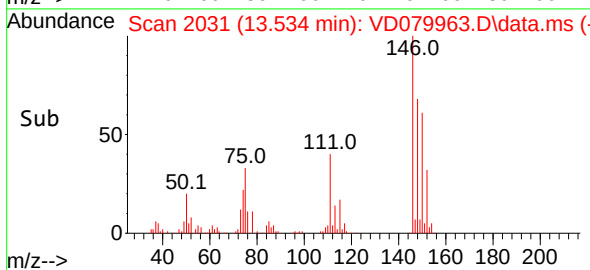
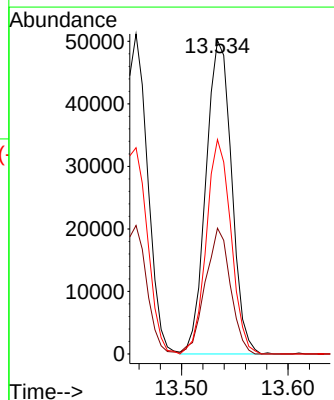
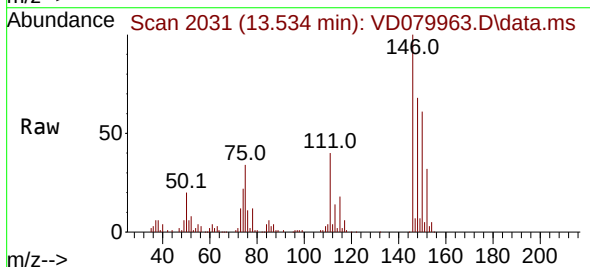
Manual Integrations
 APPROVED

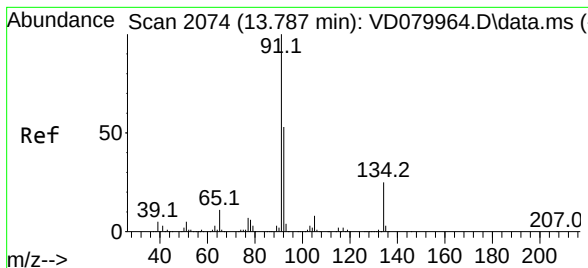
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024



#88
 1,4-Dichlorobenzene
 Concen: 19.194 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

Tgt Ion:146 Resp: 84128
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.8
 148 65.7 32.9 98.7





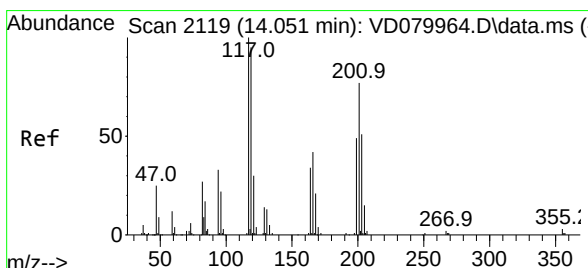
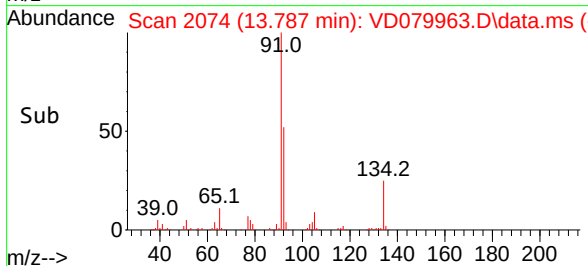
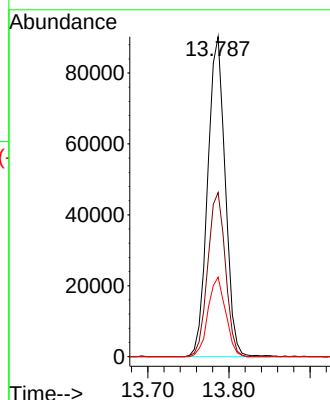
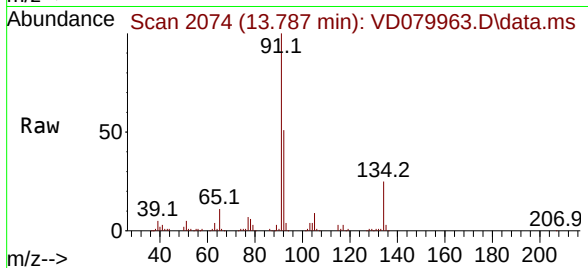
#89
n-Butylbenzene
Concen: 18.223 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 135292
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 25.0 12.3 36.8

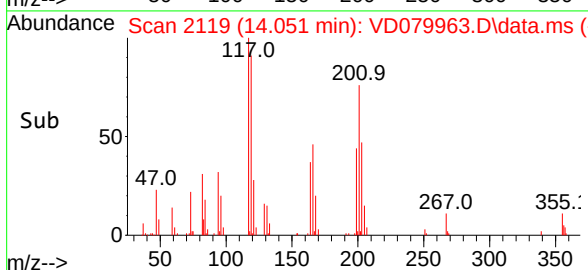
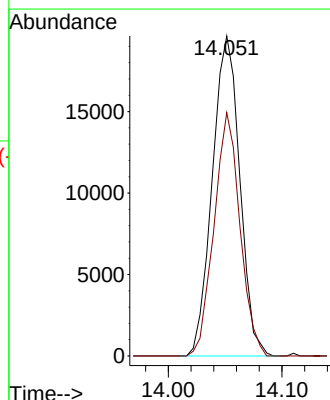
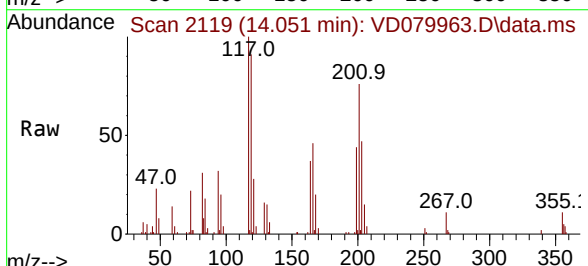
Manual Integrations
APPROVED

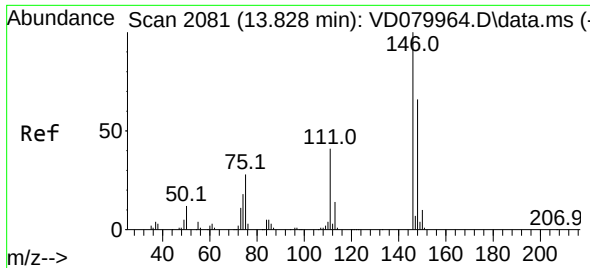
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#90
Hexachloroethane
Concen: 19.435 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:117 Resp: 32976
Ion Ratio Lower Upper
117 100
201 71.6 37.5 112.5





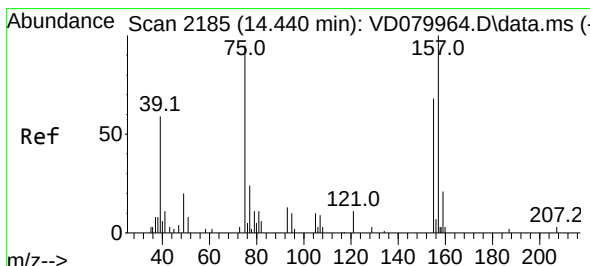
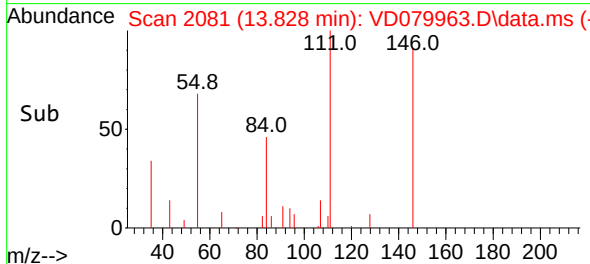
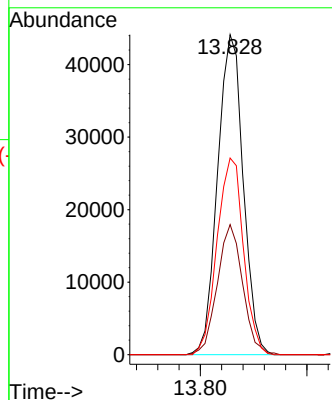
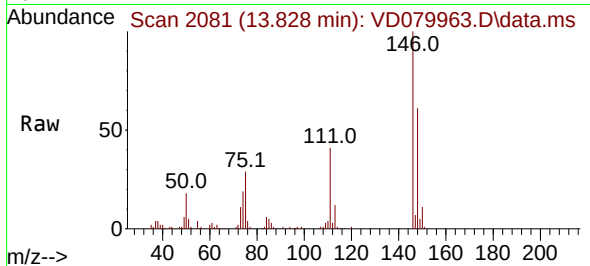
#91
1,2-Dichlorobenzene
Concen: 19.219 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 73652
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 63.3 32.7 98.1

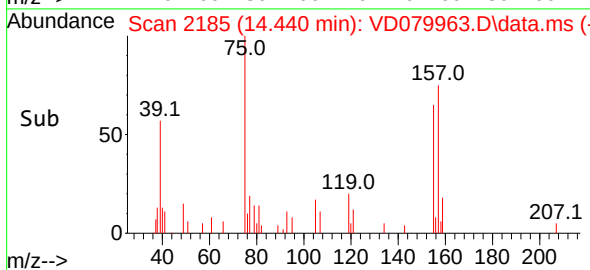
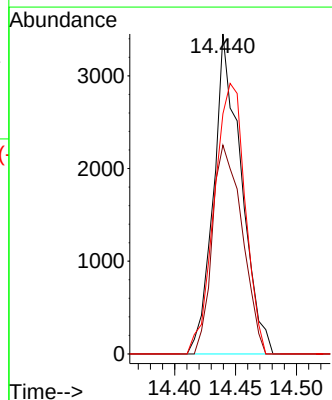
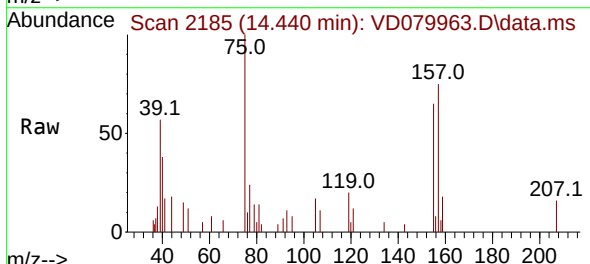
Manual Integrations
APPROVED

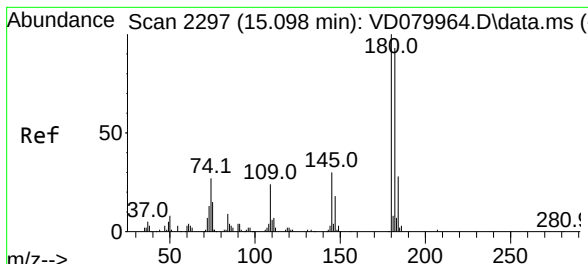
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.384 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

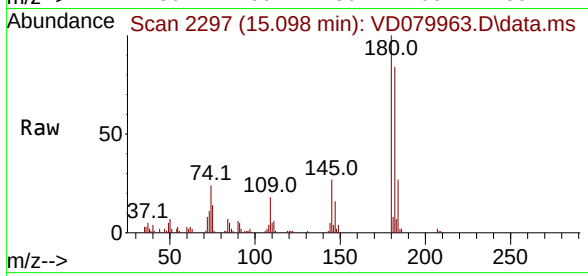
Tgt Ion: 75 Resp: 5439
Ion Ratio Lower Upper
75 100
155 70.7 40.6 122.0
157 94.5 53.3 159.9





#93
 1,2,4-Trichlorobenzene
 Concen: 19.103 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

Instrument : MSVOA_D
 ClientSampleId : VSTDIC020

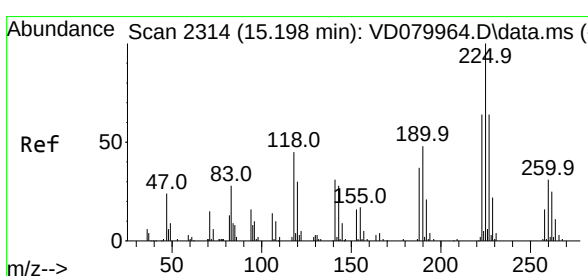
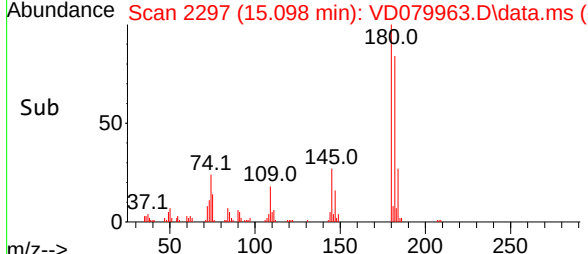
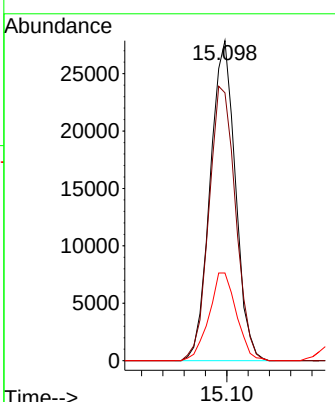


Tgt Ion:180 Resp: 4587

Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.4	142.2
145	29.7	14.7	44.1

Manual Integrations
 APPROVED

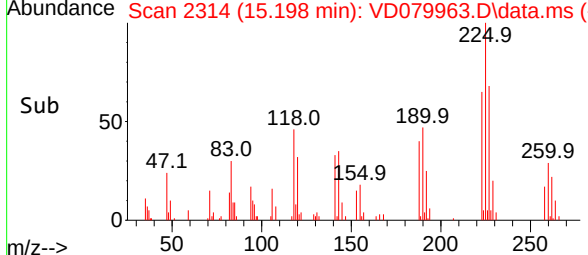
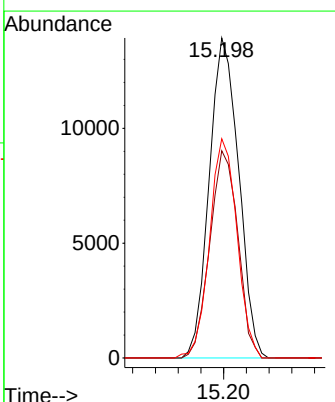
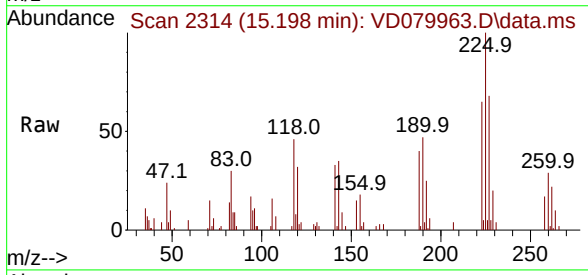
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

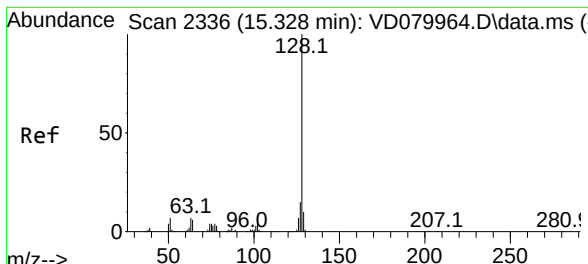


#94
 Hexachlorobutadiene
 Concen: 18.942 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

Tgt Ion:225 Resp: 25050

Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.5	94.5
227	63.9	30.9	92.5





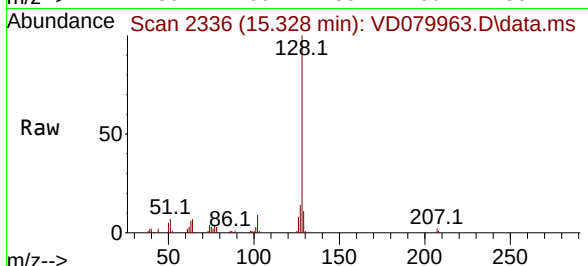
#95
Naphthalene
Concen: 18.158 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

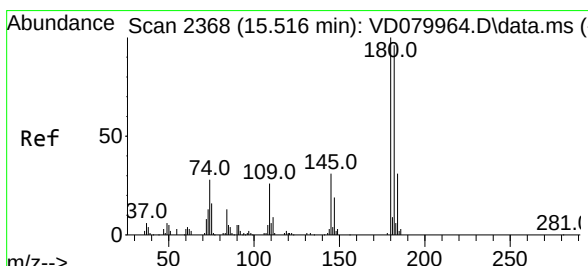
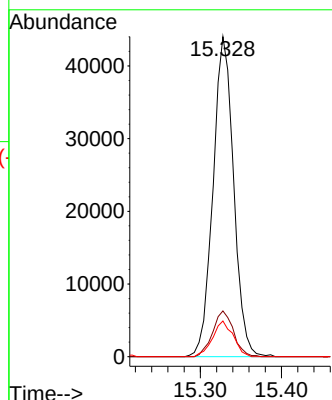
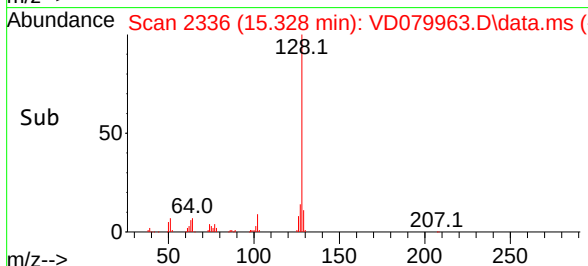


Tgt Ion:	128	Resp:	7777
Ion Ratio	Lower	Upper	
128	100		
127	14.3	11.8	17.8
129	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.032 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:	180	Resp:	38377
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.5	142.6
145	33.2	15.7	47.0

