

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078526.D
 Acq On : 22 Feb 2024 19:17
 Operator : RP/MD
 Sample : P1538-16MSD
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Quant Time: Feb 23 01:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	102180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	177993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	165333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56335	50.990	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.980%		
35) Dibromofluoromethane	8.004	113	1890	1.672	ug/l	0.19
Spiked Amount 50.000	Range 54 - 147		Recovery =	3.340%#		
50) Toluene-d8	10.269	98	217234	48.030	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.060%		
62) 4-Bromofluorobenzene	12.569	95	63291	48.087	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	61790	61.375	ug/l	100
3) Chloromethane	2.152	50	113795	61.504	ug/l	99
4) Vinyl Chloride	2.281	62	176080	62.367	ug/l	99
5) Bromomethane	2.681	94	94095	48.284	ug/l	99
6) Chloroethane	2.828	64	126985	61.681	ug/l	95
7) Trichlorofluoromethane	3.163	101	107669	56.534	ug/l	97
8) Diethyl Ether	3.593	74	34962	63.734	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	64716	53.864	ug/l	97
10) Methyl Iodide	4.158	142	49272	45.787	ug/l	92
11) Tert butyl alcohol	5.063	59	19587	328.888	ug/l	100
12) 1,1-Dichloroethene	3.940	96	85092	76.391	ug/l	94
13) Acrolein	3.799	56	789	7.730	ug/l	# 58
14) Allyl chloride	4.557	41	63319	46.014	ug/l	90
15) Acrylonitrile	5.257	53	76562	326.031	ug/l	98
16) Acetone	4.022	43	86545	436.278	ug/l	95
17) Carbon Disulfide	4.263	76	295015	78.709	ug/l	98
18) Methyl Acetate	4.563	43	68	4.019	ug/l	# 42
19) Methyl tert-butyl Ether	5.316	73	160471	67.806	ug/l	97
20) Methylene Chloride	4.799	84	100095	81.952	ug/l	# 88
21) trans-1,2-Dichloroethene	5.305	96	73190	55.853	ug/l	99
22) Diisopropyl ether	6.222	45	171742	56.625	ug/l	94
23) Vinyl Acetate	6.216	43	91395	63.042	ug/l	# 65
24) 1,1-Dichloroethane	6.110	63	125596	58.456	ug/l	98
25) 2-Butanone	7.081	43	101996	372.041	ug/l	92
26) 2,2-Dichloropropane	7.075	77	97136	53.930	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	85787	59.669	ug/l	97
28) Bromochloromethane	7.422	49	39674	46.621	ug/l	93
29) Tetrahydrofuran	7.446	42	57367	349.152	ug/l	92
30) Chloroform	7.593	83	136121	59.879	ug/l	99
31) Cyclohexane	7.881	56	83135	44.483	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	112447	58.017	ug/l	98
36) 1,1-Dichloropropene	8.010	75	94597	53.857	ug/l	97
37) Ethyl Acetate	7.081	43	101996	165.656	ug/l	# 1
38) Carbon Tetrachloride	7.987	117	93832	53.944	ug/l	96
39) Methylcyclohexane	9.275	83	78716	37.750	ug/l	100
40) Benzene	8.251	78	296814	58.464	ug/l	99

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 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

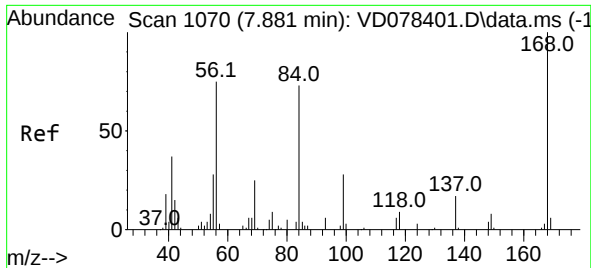
Quant Time: Feb 23 01:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

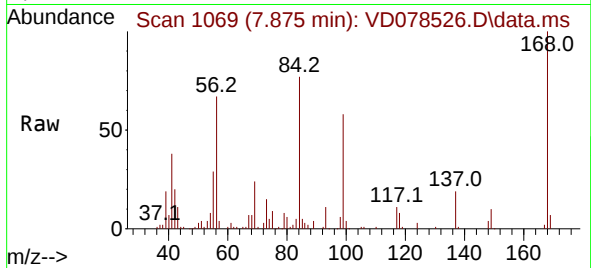
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19996	62.402	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	80883	61.572	ug/l	98
43) Isopropyl Acetate	8.369	43	1386	1.216	ug/l #	47
44) Trichloroethene	9.028	130	144244	111.368	ug/l	93
45) 1,2-Dichloropropane	9.304	63	75510	60.620	ug/l	100
46) Dibromomethane	9.393	93	44302	63.232	ug/l	92
47) Bromodichloromethane	9.581	83	93554	53.911	ug/l	99
48) Methyl methacrylate	9.304	41	60896m	100.674	ug/l	
49) 1,4-Dioxane	9.387	88	12277	1618.048	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	211607	349.690	ug/l	94
52) Toluene	10.334	92	188466	58.703	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	87765	55.426	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	98124	51.104	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	39435	41.795	ug/l	93
57) 1,3-Dichloropropane	10.881	76	103187	64.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	186904	363.615	ug/l	95
59) 2-Hexanone	10.922	43	154039	338.725	ug/l	93
60) Dibromochloromethane	11.069	129	67892	59.804	ug/l	93
61) 1,2-Dibromoethane	11.181	107	59190	66.821	ug/l	100
64) Tetrachloroethene	10.810	164	106163	101.660	ug/l	92
65) Chlorobenzene	11.604	112	196638	59.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	72597	59.433	ug/l	96
67) Ethyl Benzene	11.681	91	338748	56.880	ug/l	98
68) m/p-Xylenes	11.792	106	264387	113.811	ug/l	93
69) o-Xylene	12.122	106	121625	57.372	ug/l	91
70) Styrene	12.134	104	194842	56.316	ug/l	98
71) Bromoform	12.298	173	43134	67.090	ug/l #	98
73) Isopropylbenzene	12.422	105	292468	55.288	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	45752m	68.409	ug/l	
77) Bromobenzene	12.698	156	80146	64.468	ug/l	93
78) n-propylbenzene	12.763	91	339403	51.486	ug/l	96
79) 2-Chlorotoluene	12.851	91	197332	55.889	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	237166	53.994	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	14524	45.084	ug/l	96
82) 4-Chlorotoluene	12.945	91	213055	56.184	ug/l	96
83) tert-Butylbenzene	13.163	119	180736	48.789	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	243427	54.605	ug/l	100
85) sec-Butylbenzene	13.345	105	241034	41.955	ug/l	96
86) p-Isopropyltoluene	13.463	119	222622	45.495	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	144763	54.559	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	146247	56.096	ug/l	99
89) n-Butylbenzene	13.786	91	173242	36.731	ug/l	97
90) Hexachloroethane	14.051	117	42381	42.139	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	131505	59.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6792	49.433	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	56641	43.255	ug/l	98
94) Hexachlorobutadiene	15.204	225	12671	18.539	ug/l	96
95) Naphthalene	15.333	128	157137	64.699	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	49392	44.506	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

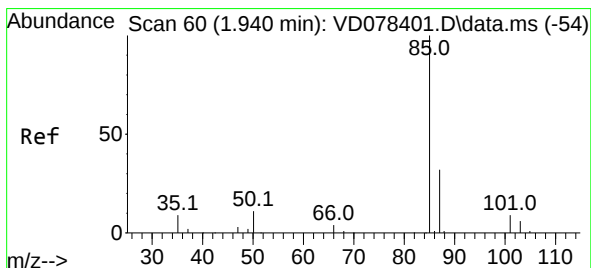
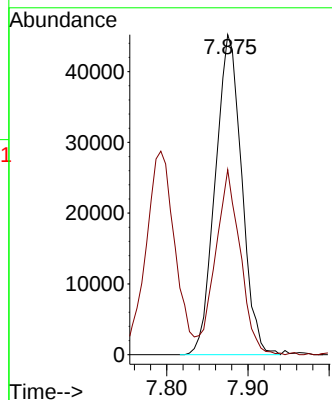
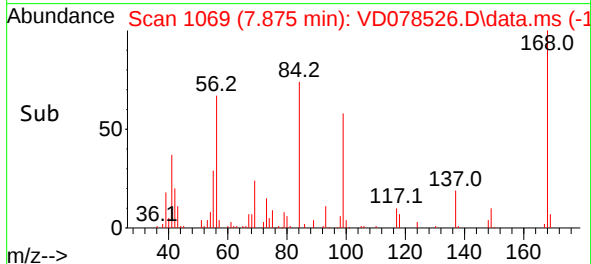
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:168 Resp: 102180
Ion Ratio Lower Upper
168 100
99 57.3 36.7 55.1

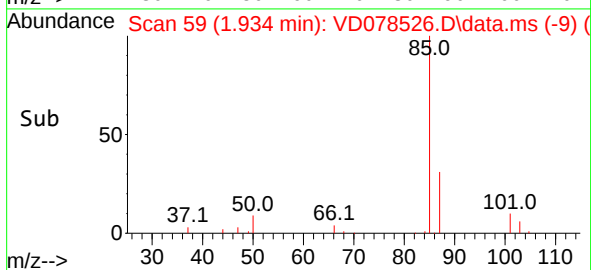
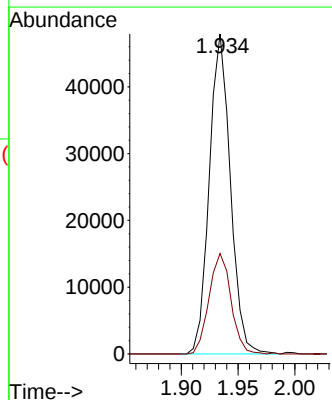
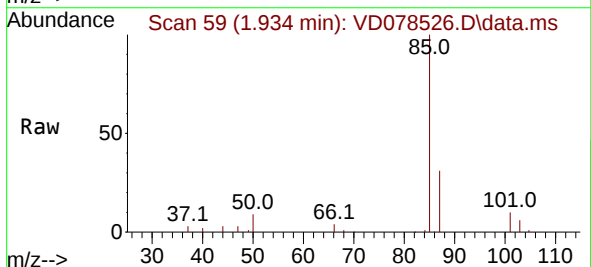
Manual Integrations
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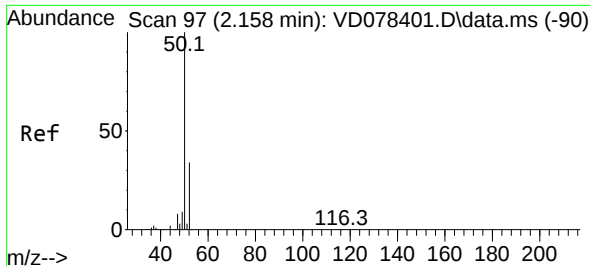
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#2
Dichlorodifluoromethane
Concen: 61.375 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

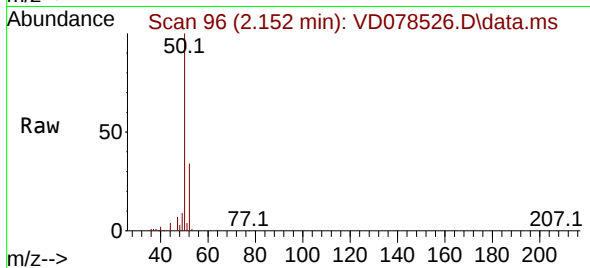
Tgt Ion: 85 Resp: 61790
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0





#3
Chloromethane
Concen: 61.504 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

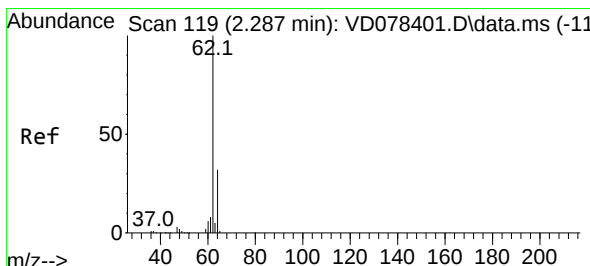
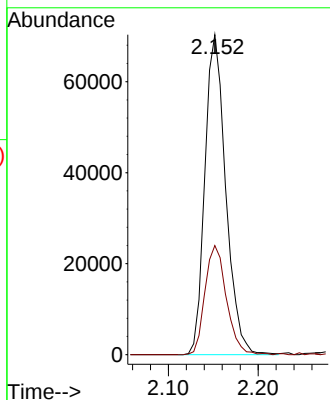
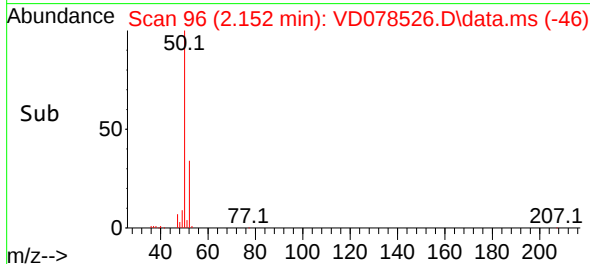
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 50 Resp: 113795
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0

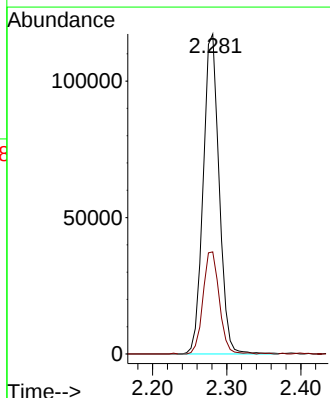
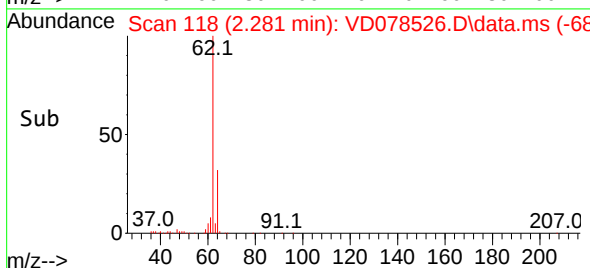
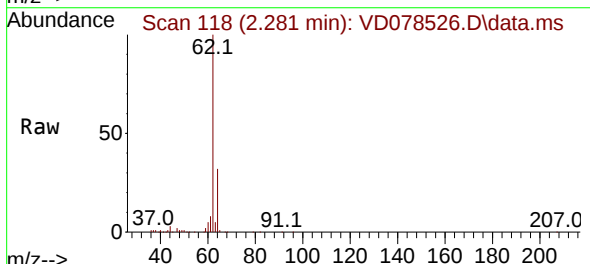
Manual Integrations
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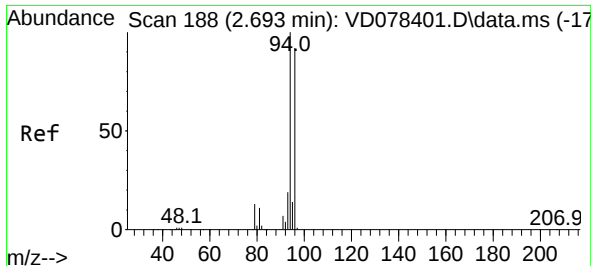
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#4
Vinyl Chloride
Concen: 62.367 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

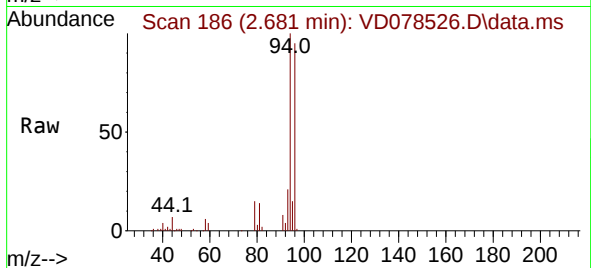
Tgt Ion: 62 Resp: 176080
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 48.284 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

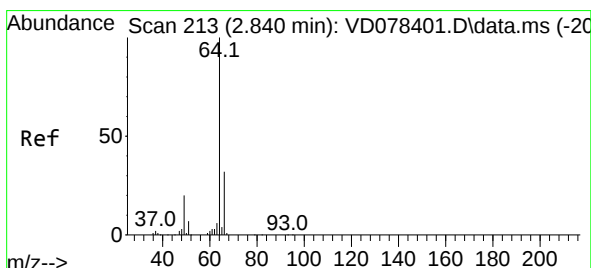
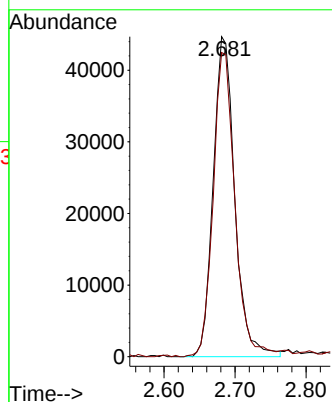
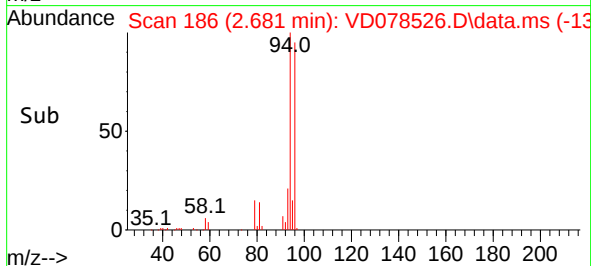
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 94 Resp: 94095
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8

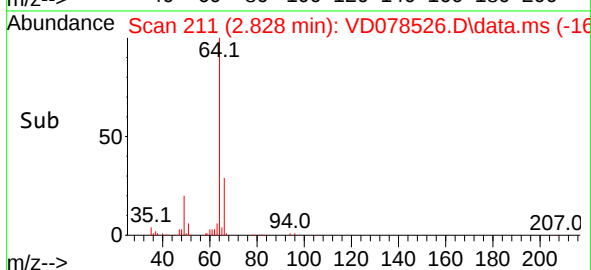
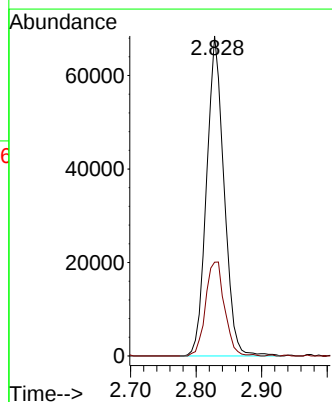
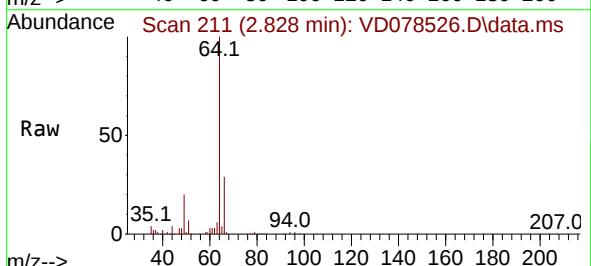
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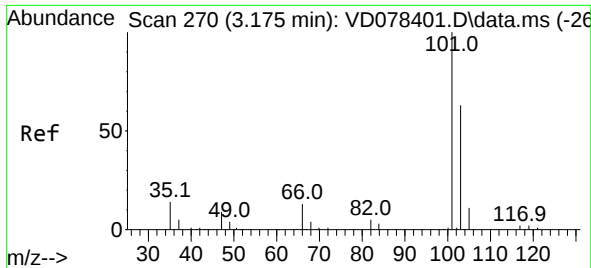
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#6
Chloroethane
Concen: 61.681 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

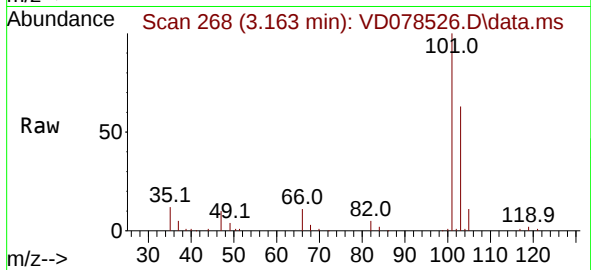
Tgt Ion: 64 Resp: 126985
Ion Ratio Lower Upper
64 100
66 29.3 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 56.534 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

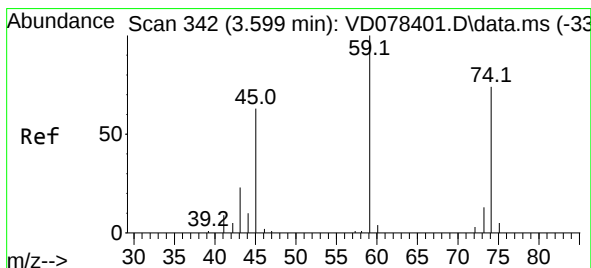
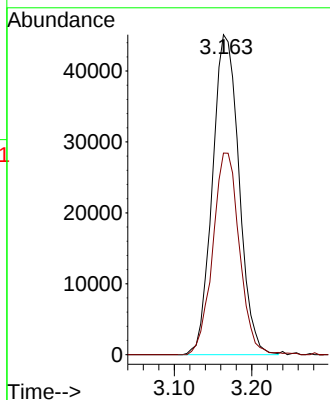
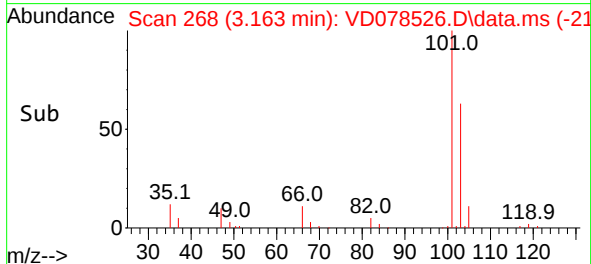
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Tgt Ion:101 Resp: 107669
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.3 78.5

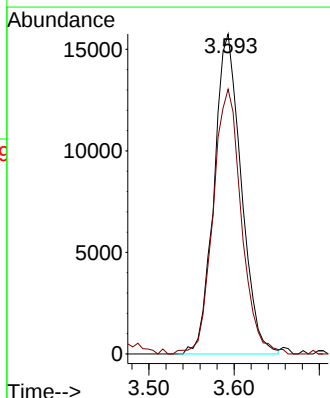
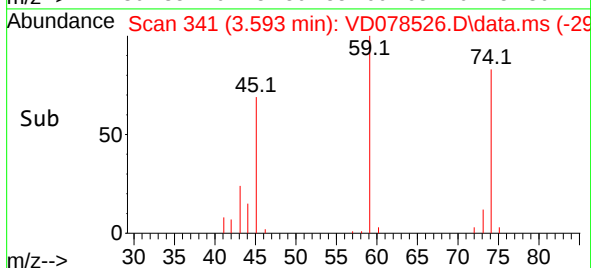
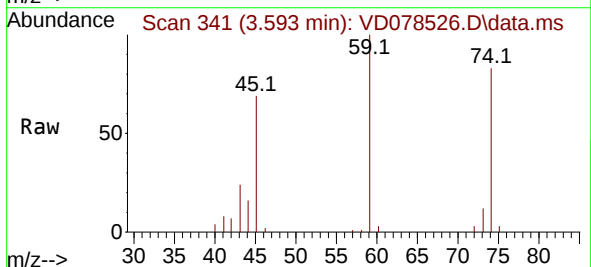
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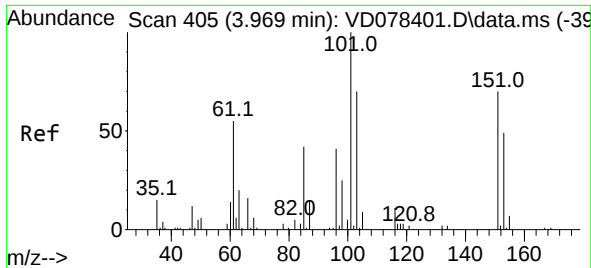
Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024



#8
 Diethyl Ether
 Concen: 63.734 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

Tgt Ion: 74 Resp: 34962
 Ion Ratio Lower Upper
 74 100
 45 85.9 37.5 112.7





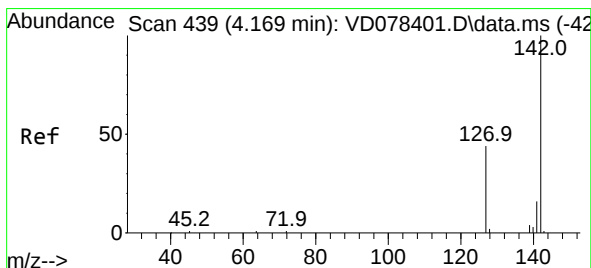
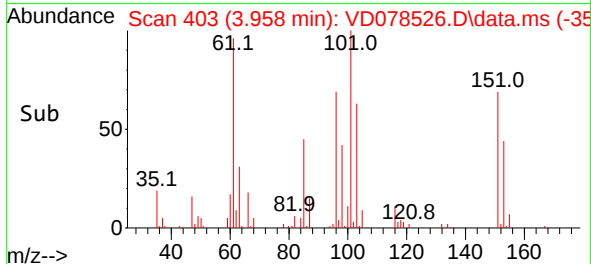
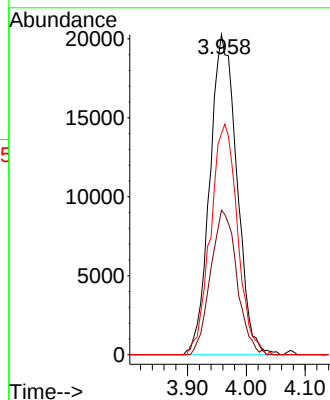
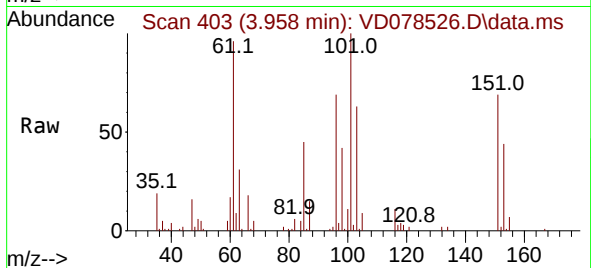
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.864 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:101 Resp: 64710
Ion Ratio Lower Upper
101 100
85 43.9 33.8 50.6
151 72.0 59.8 89.6

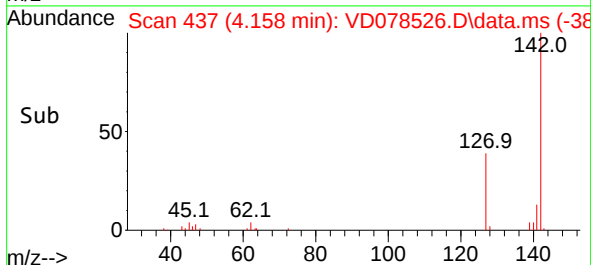
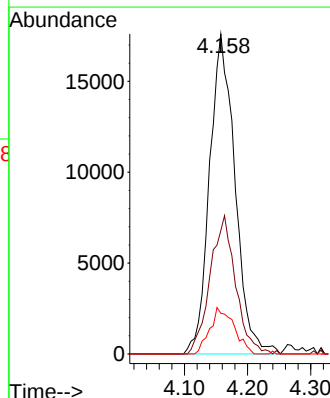
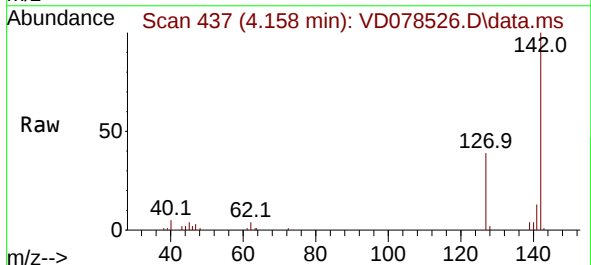
Manual Integrations
APPROVED

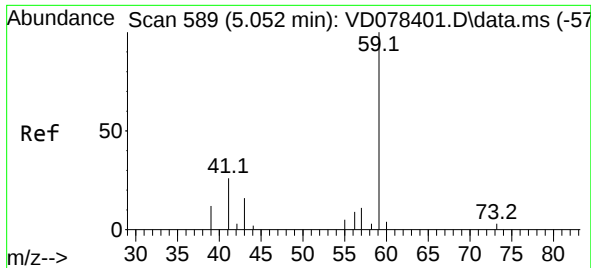
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#10
Methyl Iodide
Concen: 45.787 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:142 Resp: 49272
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 13.7 11.1 16.7





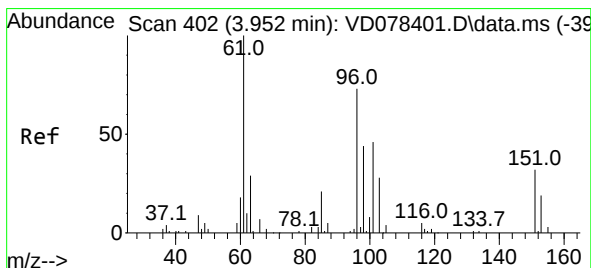
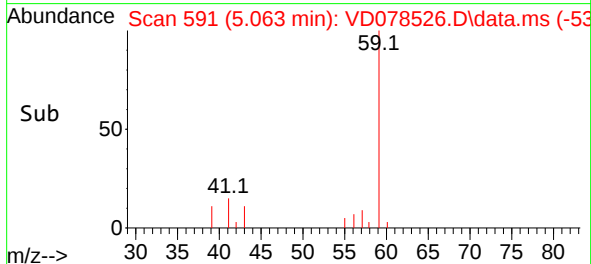
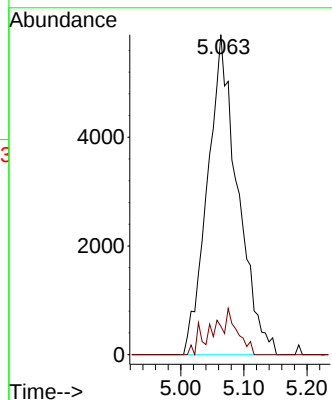
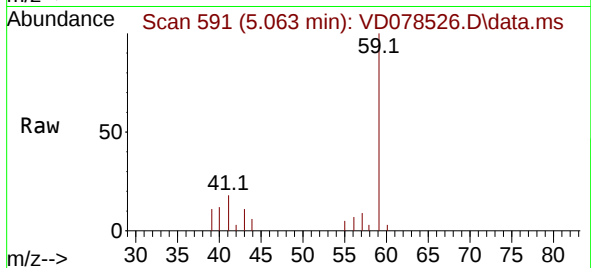
#11
Tert butyl alcohol
Concen: 328.888 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 59 Resp: 1958
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

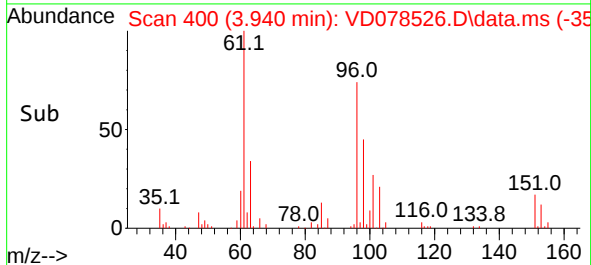
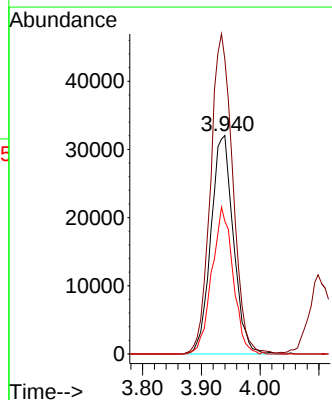
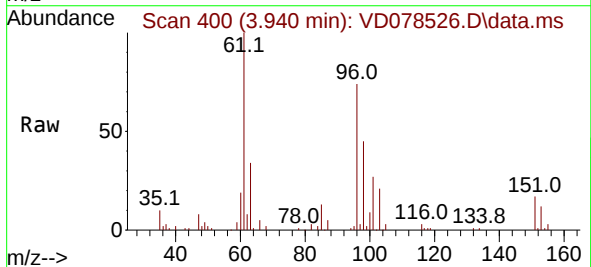
Manual Integrations
APPROVED

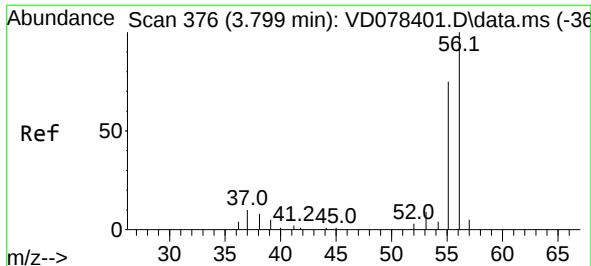
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#12
1,1-Dichloroethene
Concen: 76.391 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

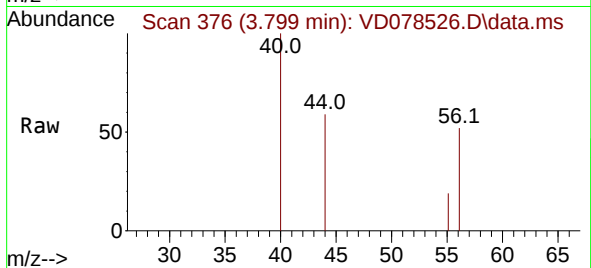
Tgt Ion: 96 Resp: 85092
Ion Ratio Lower Upper
96 100
61 135.0 100.6 150.8
98 60.8 50.2 75.2





#13
Acrolein
Concen: 7.730 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

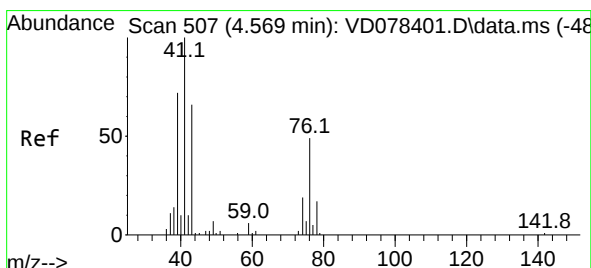
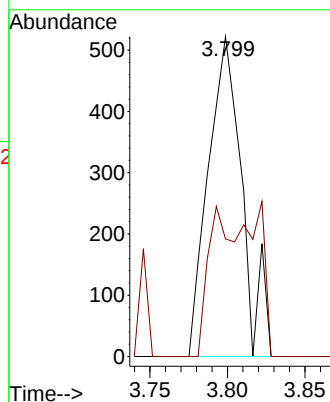
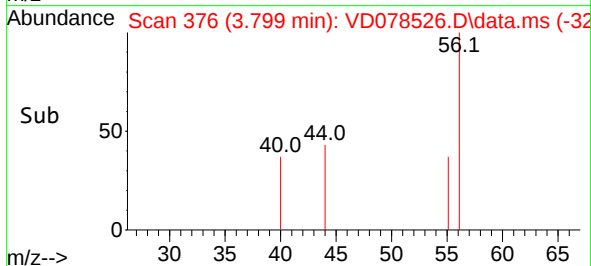
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 56 Resp: 789
Ion Ratio Lower Upper
56 100
55 35.0 55.1 82.7

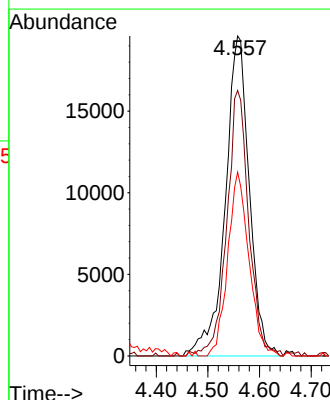
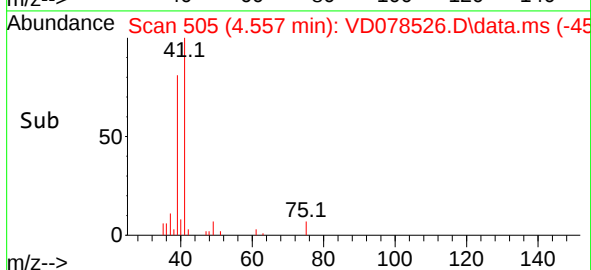
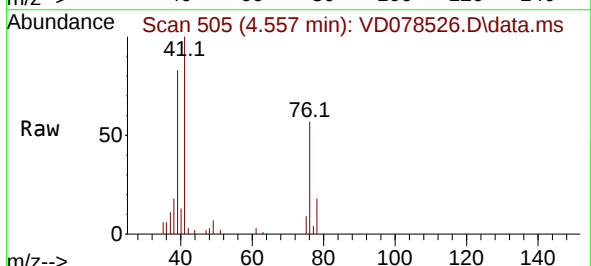
Manual Integrations
APPROVED

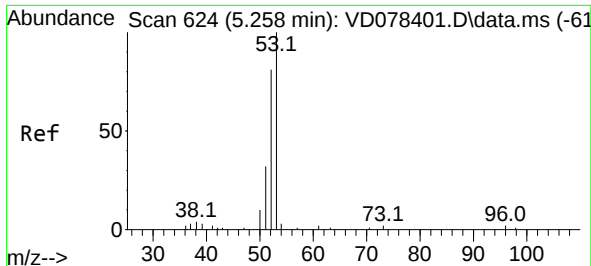
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#14
Allyl chloride
Concen: 46.014 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

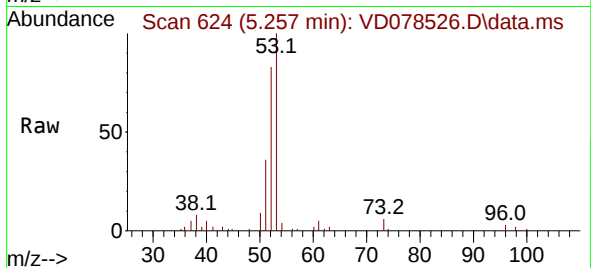
Tgt Ion: 41 Resp: 63319
Ion Ratio Lower Upper
41 100
39 75.8 53.8 80.6
76 50.7 45.8 68.8





#15
Acrylonitrile
Concen: 326.031 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

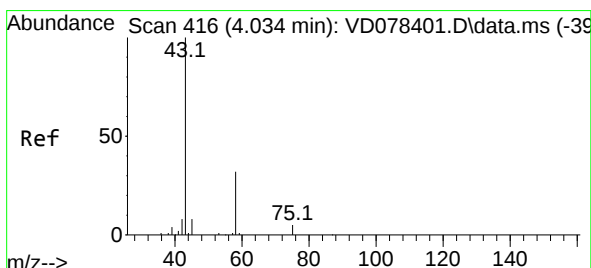
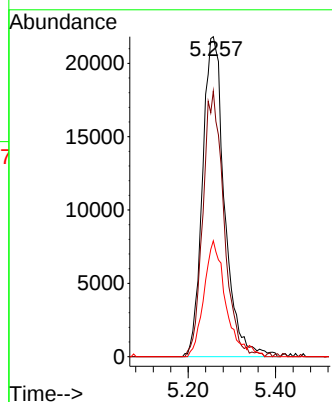
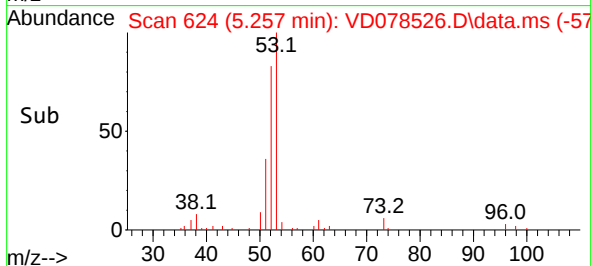
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 53 Resp: 76562
Ion Ratio Lower Upper
53 100
52 78.9 65.0 97.4
51 36.1 28.3 42.5

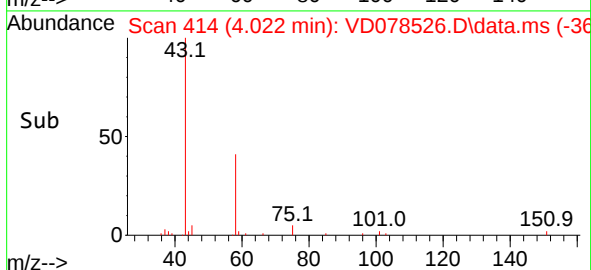
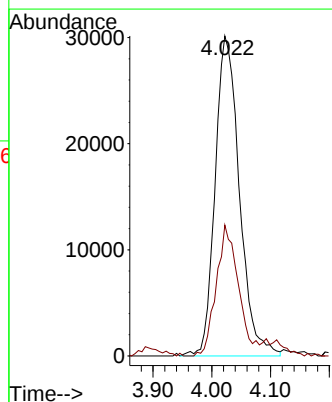
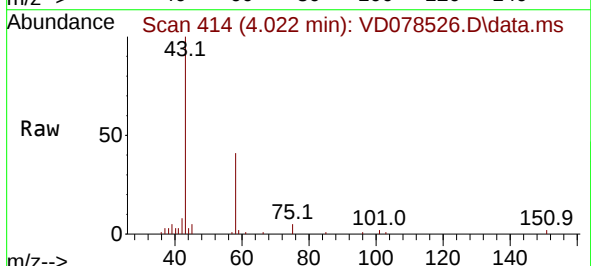
Manual Integrations
APPROVED

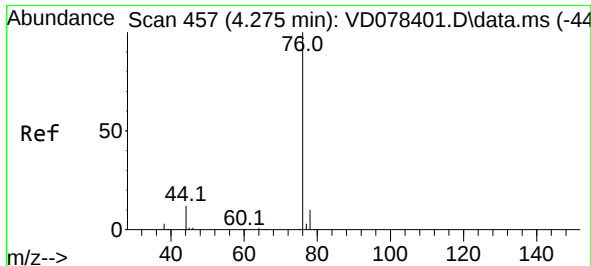
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#16
Acetone
Concen: 436.278 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

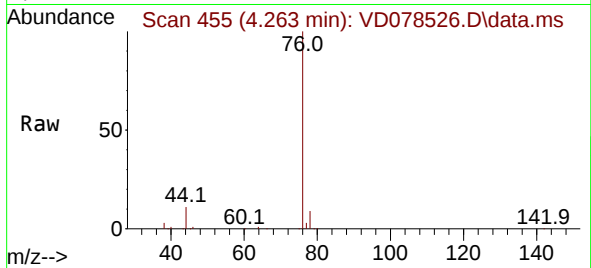
Tgt Ion: 43 Resp: 86545
Ion Ratio Lower Upper
43 100
58 40.1 34.7 52.1





#17
Carbon Disulfide
Concen: 78.709 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

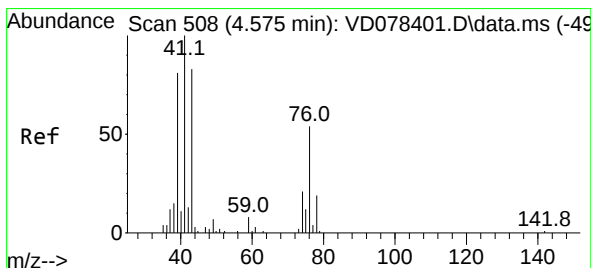
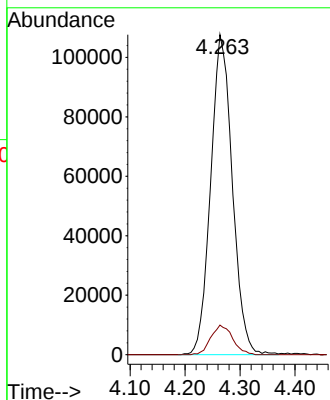
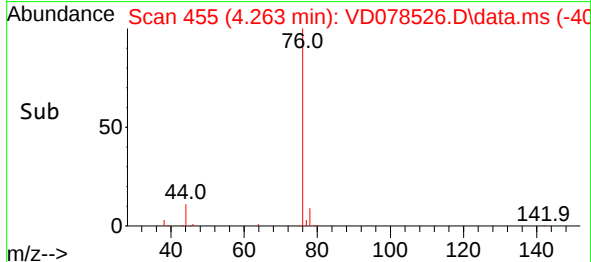
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 76 Resp: 295015
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

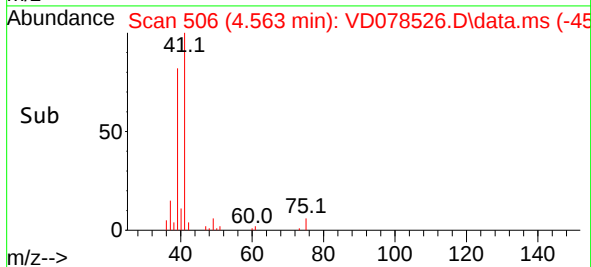
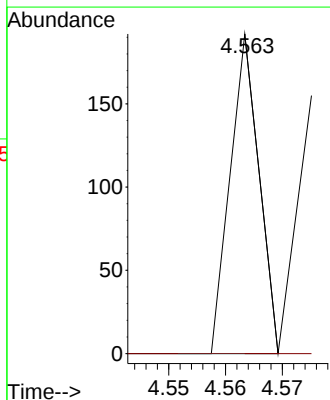
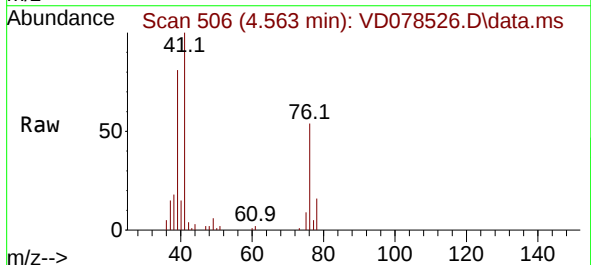
Manual Integrations
APPROVED

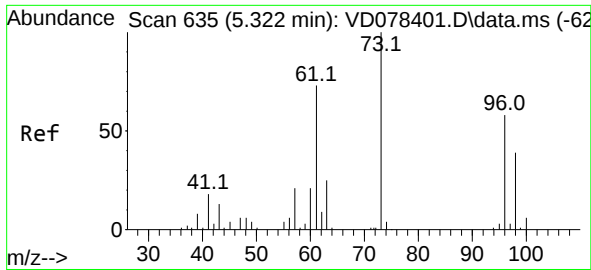
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#18
Methyl Acetate
Concen: 4.019 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

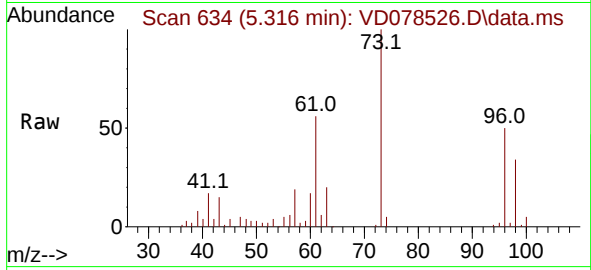
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 67.806 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

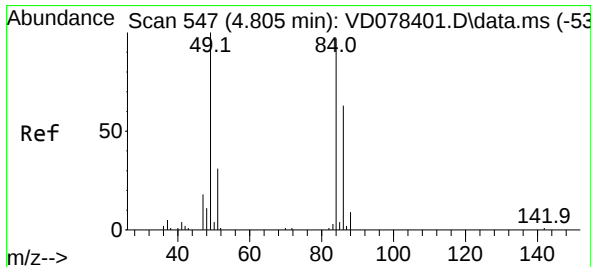
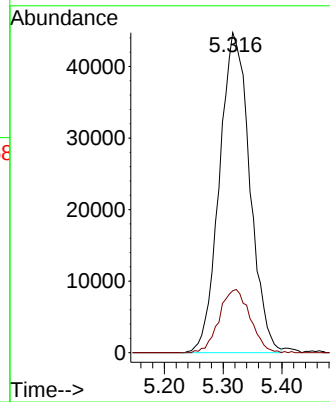
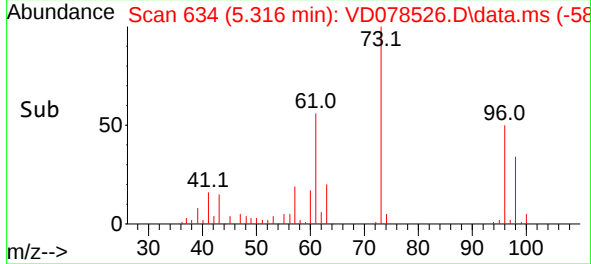
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 73 Resp: 16047
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0

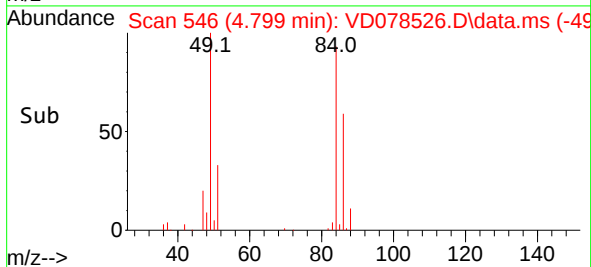
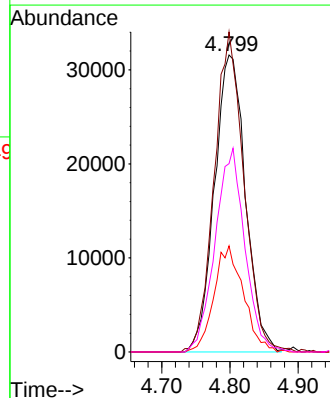
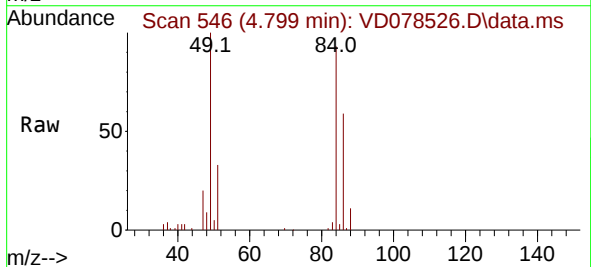
Manual Integrations
APPROVED

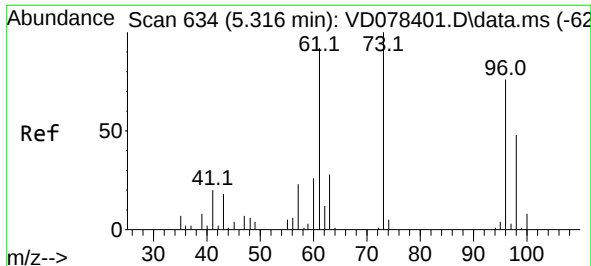
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#20
Methylene Chloride
Concen: 81.952 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

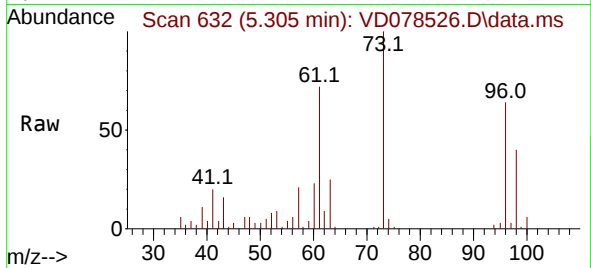
Tgt Ion: 84 Resp: 100095
Ion Ratio Lower Upper
84 100
49 107.8 71.4 107.2#
51 35.7 24.5 36.7
86 63.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 55.853 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

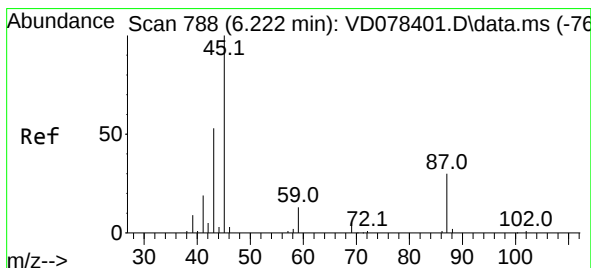
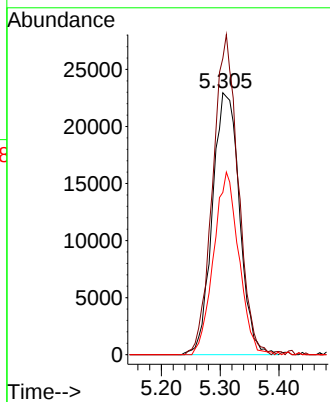
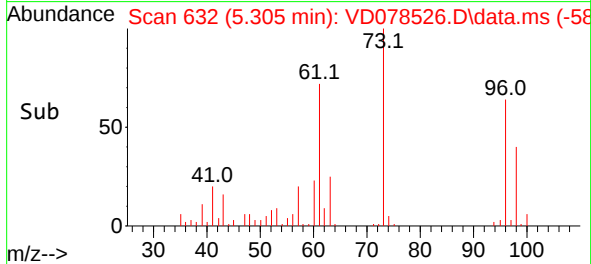
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 96 Resp: 73190
Ion Ratio Lower Upper
96 100
61 113.1 89.3 133.9
98 62.0 48.6 73.0

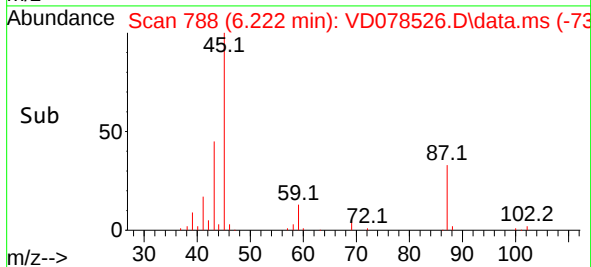
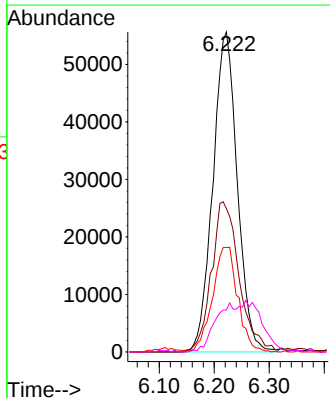
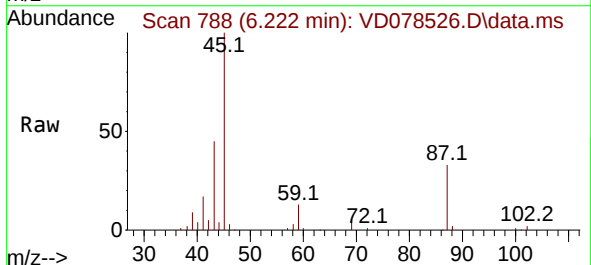
Manual Integrations
APPROVED

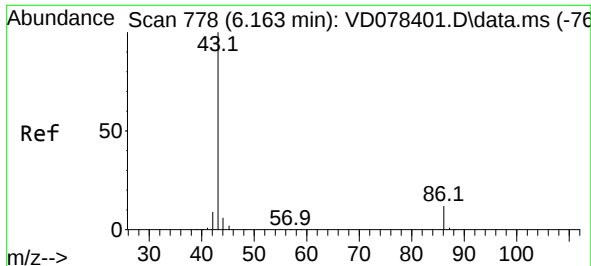
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#22
Diisopropyl ether
Concen: 56.625 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

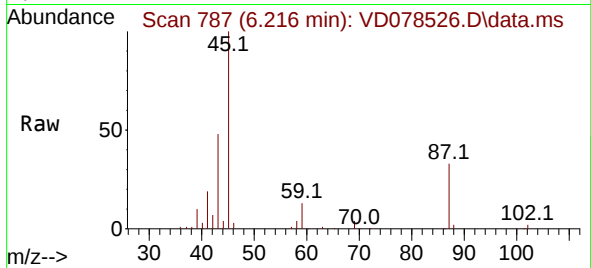
Tgt Ion: 45 Resp: 171742
Ion Ratio Lower Upper
45 100
43 44.9 40.0 60.0
87 32.7 28.2 42.4
59 13.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 63.042 ug/l
 RT: 6.216 min Scan# 778
 Delta R.T. 0.053 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

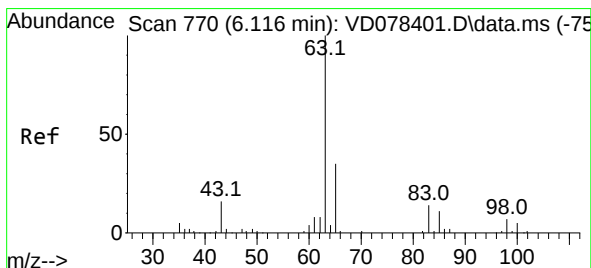
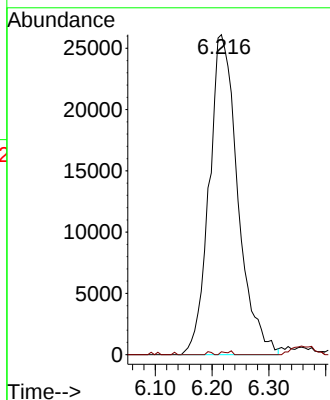
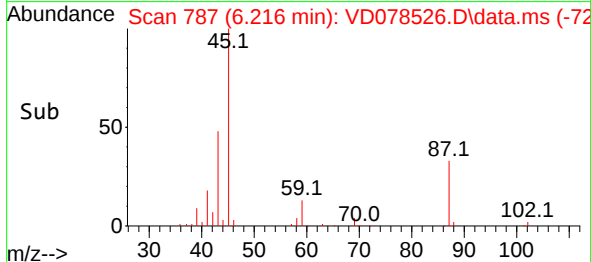
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



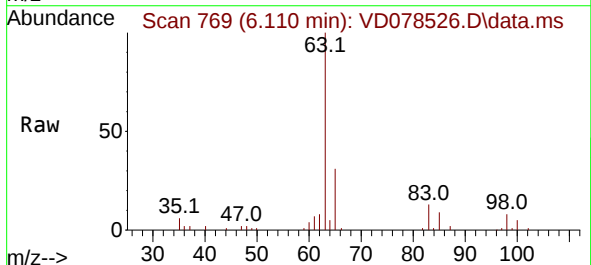
Tgt Ion: 43 Resp: 91395
 Ion Ratio Lower Upper
 43 100
 86 0.9 12.5 18.7

Manual Integrations
 APPROVED

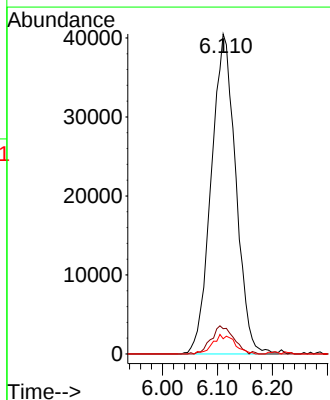
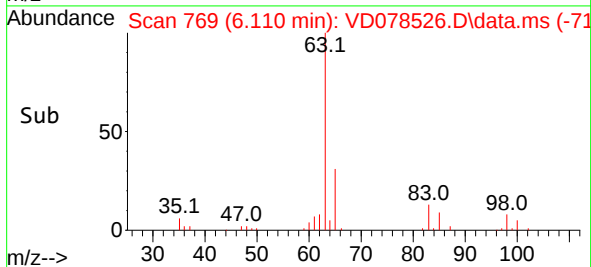
Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

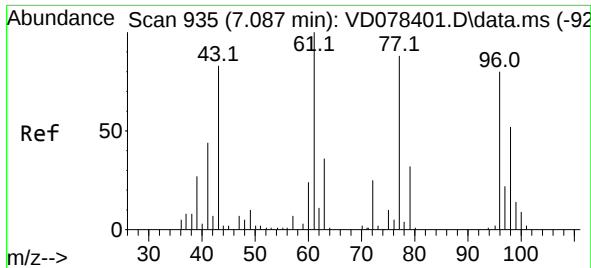


#24
 1,1-Dichloroethane
 Concen: 58.456 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17



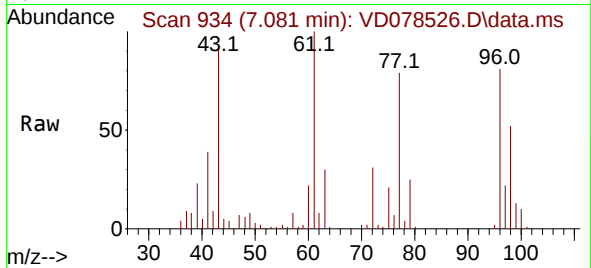
Tgt Ion: 63 Resp: 125596
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 4.7 2.5 7.5





#25
2-Butanone
Concen: 372.041 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

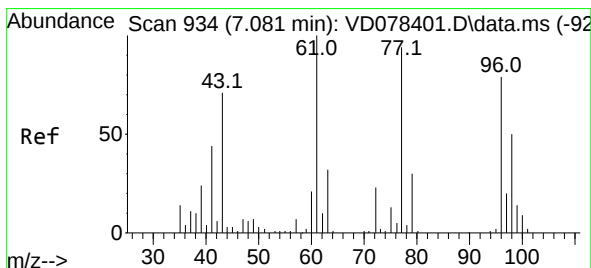
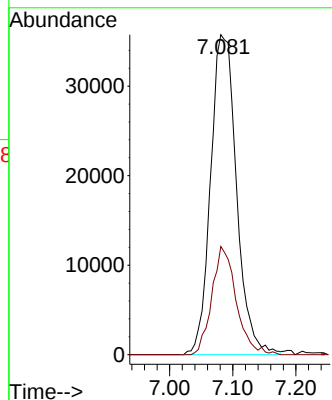
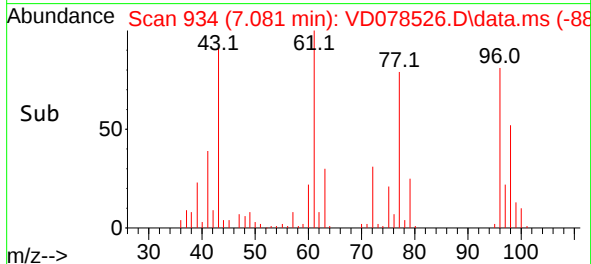
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



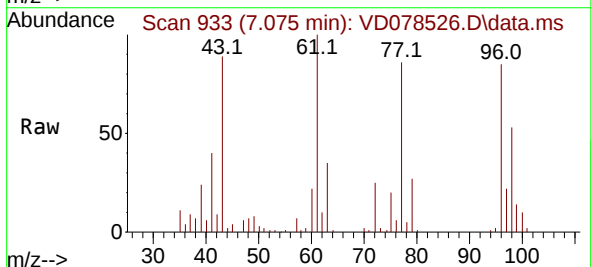
Tgt Ion: 43 Resp: 101990
Ion Ratio Lower Upper
43 100
72 33.8 30.7 46.1

Manual Integrations
APPROVED

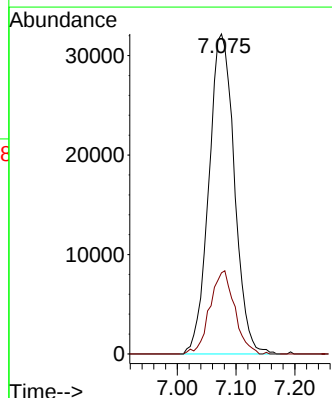
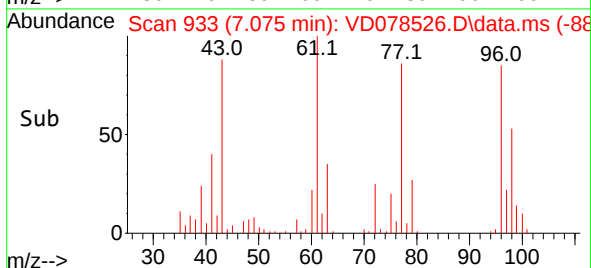
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

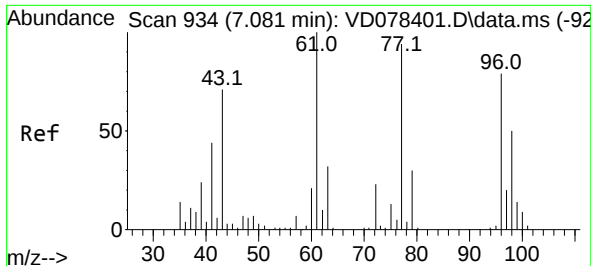


#26
2,2-Dichloropropane
Concen: 53.930 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17



Tgt Ion: 77 Resp: 97136
Ion Ratio Lower Upper
77 100
97 25.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 59.669 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

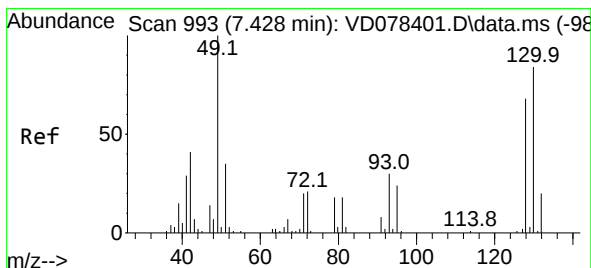
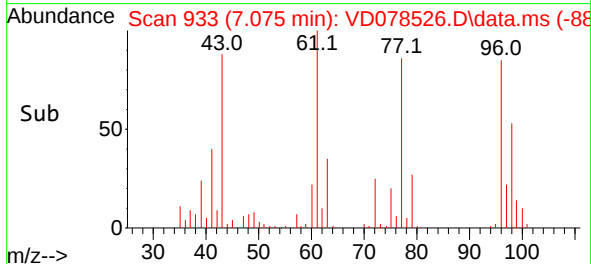
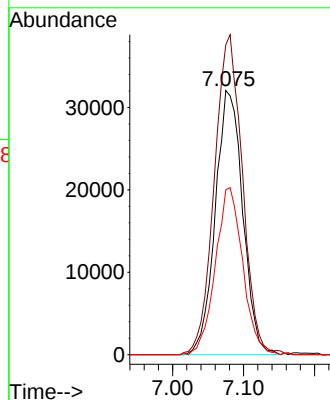
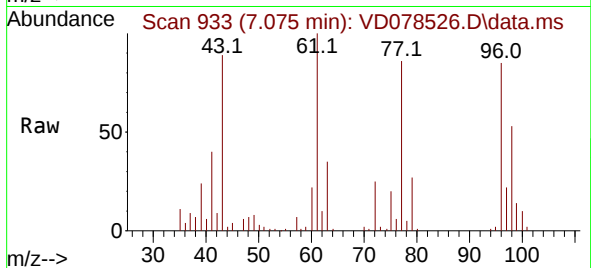
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 96	Resp: 8578
Ion Ratio	Lower Upper
96 100	
61 124.0	0.0 239.2
98 63.1	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#28

Bromochloromethane

Concen: 46.621 ug/l

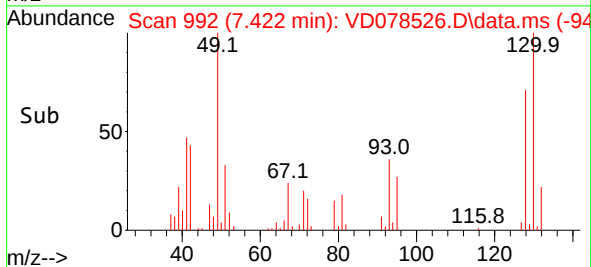
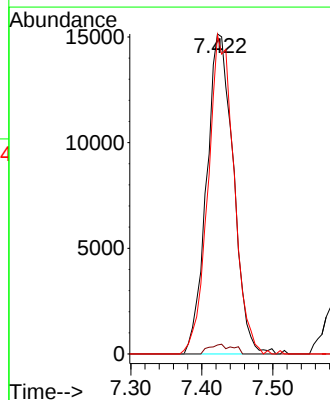
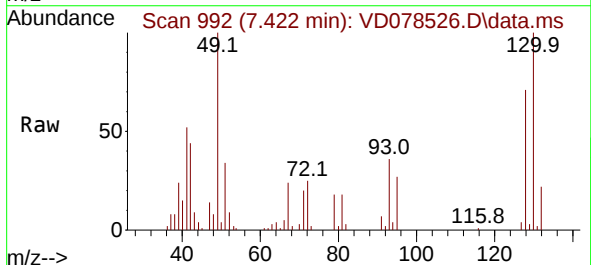
RT: 7.422 min Scan# 992

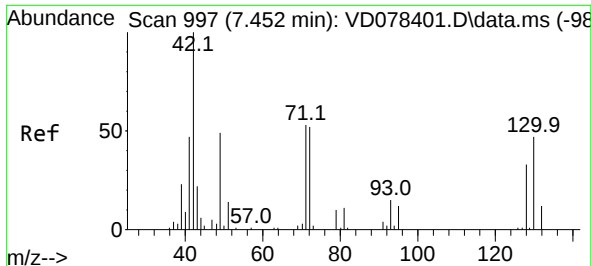
Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

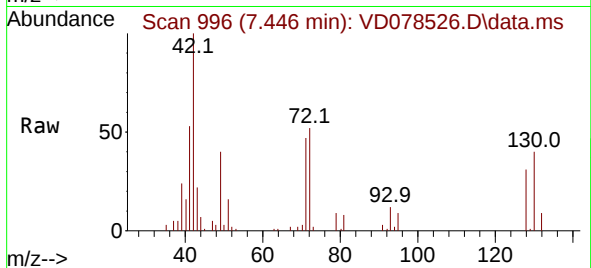
Tgt Ion: 49	Resp: 39674
Ion Ratio	Lower Upper
49 100	
129 2.7	0.0 6.0
130 96.4	83.2 124.8





#29
Tetrahydrofuran
Concen: 349.152 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

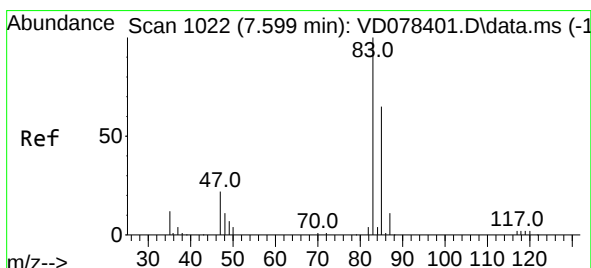
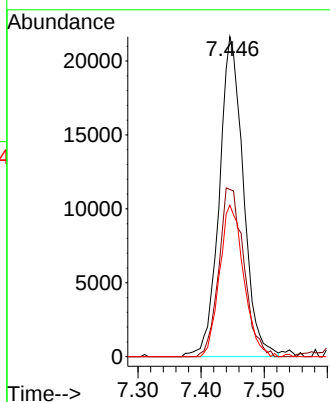
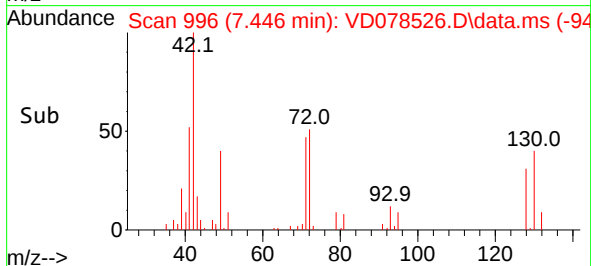
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



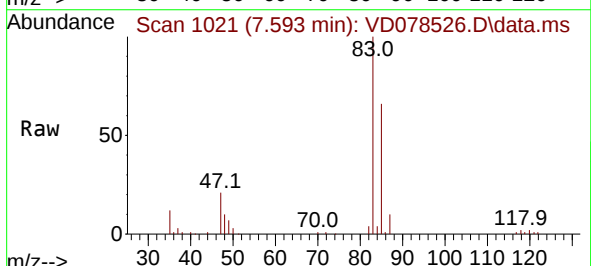
Tgt Ion: 42 Resp: 5736
Ion Ratio Lower Upper
42 100
72 54.8 46.5 69.7
71 47.6 44.5 66.7

Manual Integrations
APPROVED

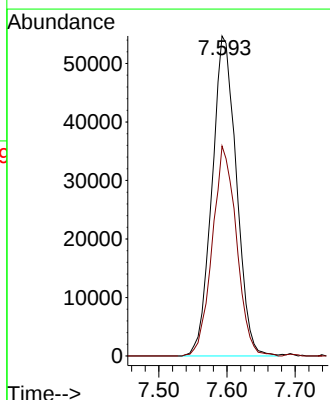
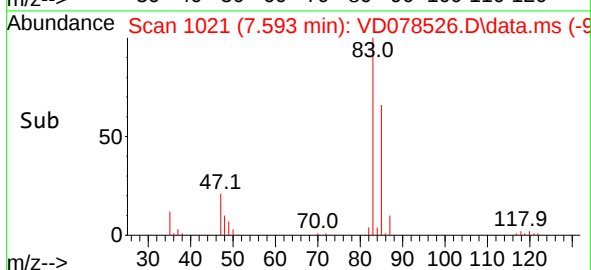
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

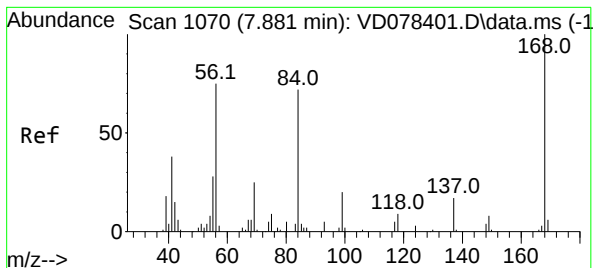


#30
Chloroform
Concen: 59.879 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17



Tgt Ion: 83 Resp: 136121
Ion Ratio Lower Upper
83 100
85 65.6 53.4 80.2





#31

Cyclohexane

Concen: 44.483 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078526.D

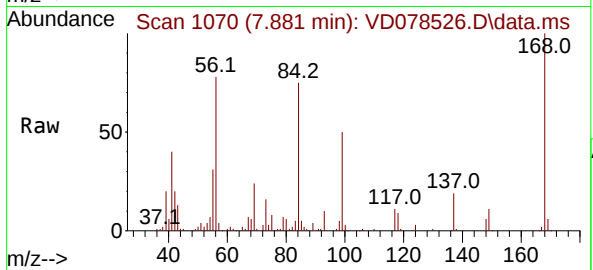
Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 56 Resp: 8313

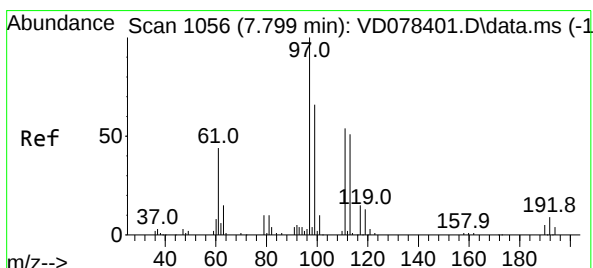
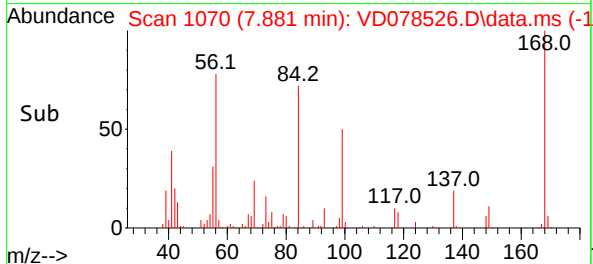
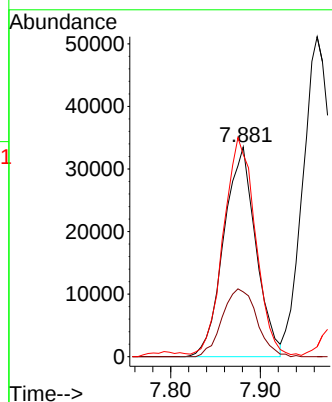
Ion	Ratio	Lower	Upper
56	100		
69	30.9	28.6	43.0
84	94.6	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#32

1,1,1-Trichloroethane

Concen: 58.017 ug/l

RT: 7.793 min Scan# 1055

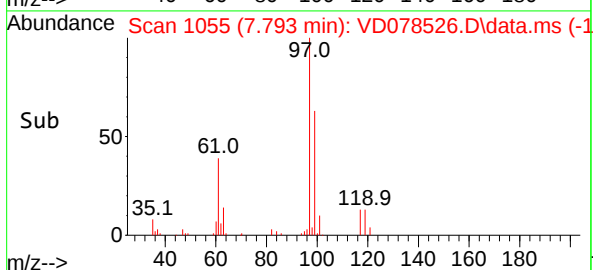
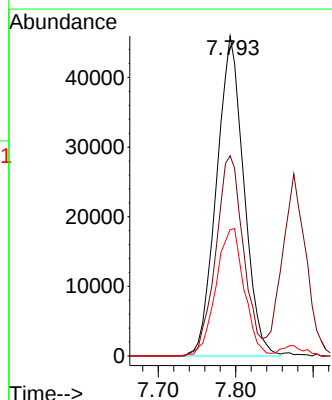
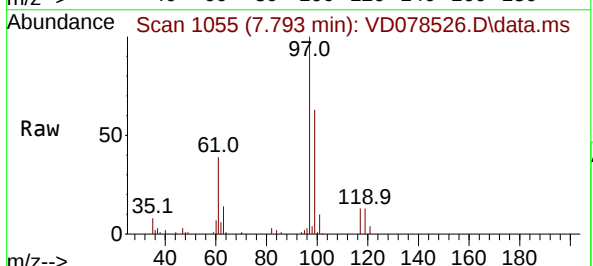
Delta R.T. -0.006 min

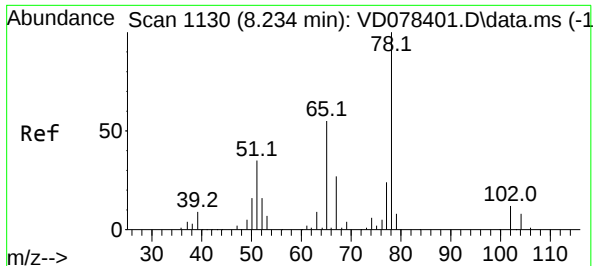
Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion: 97 Resp: 112447

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.0	78.0
61	41.3	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.990 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 65 Resp: 5633

Ion Ratio Lower Upper

65 100

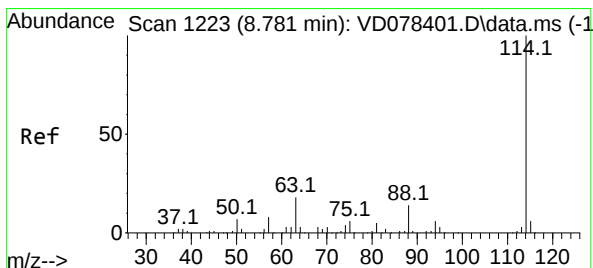
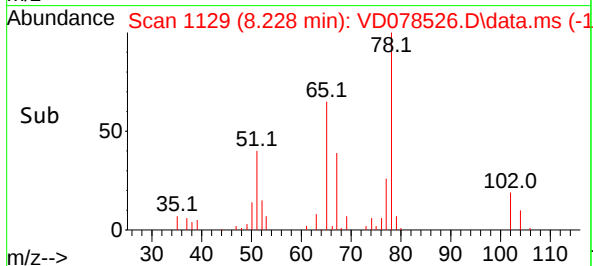
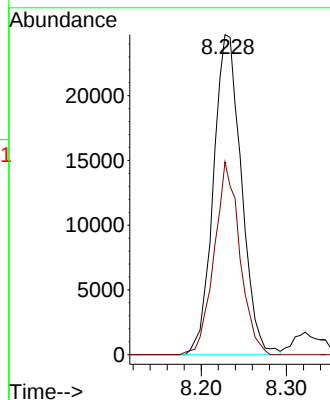
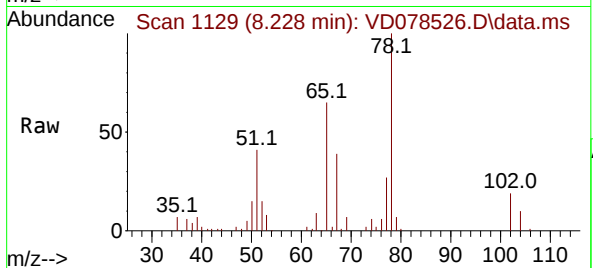
67 55.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

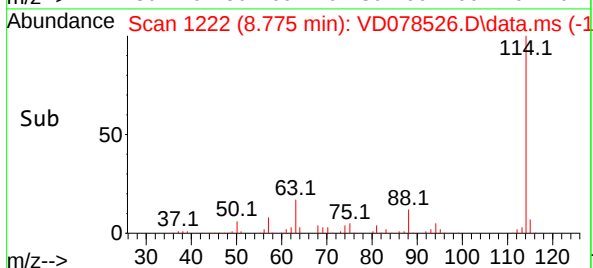
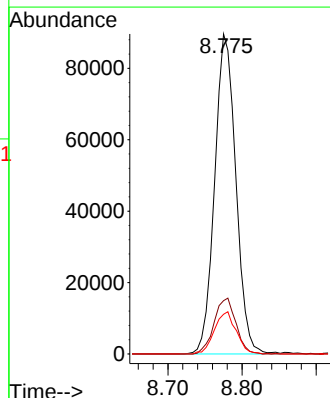
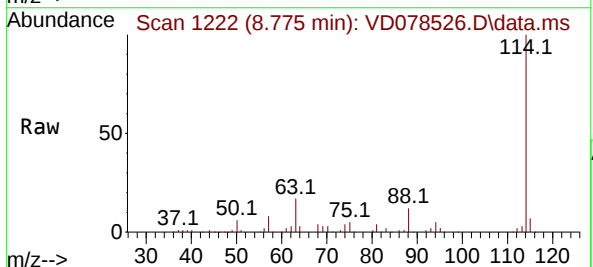
Tgt Ion:114 Resp: 177993

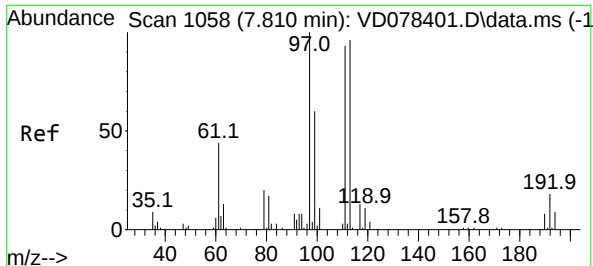
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 12.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 1.672 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.194 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

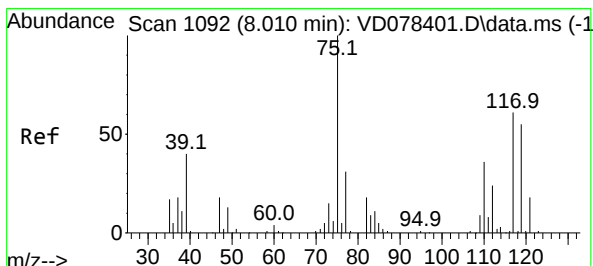
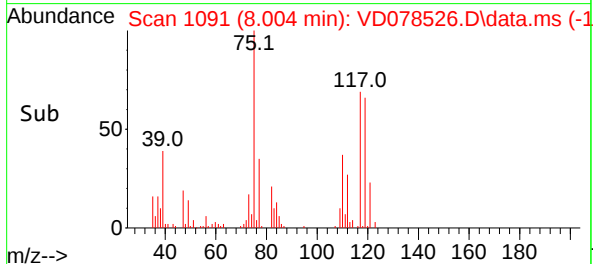
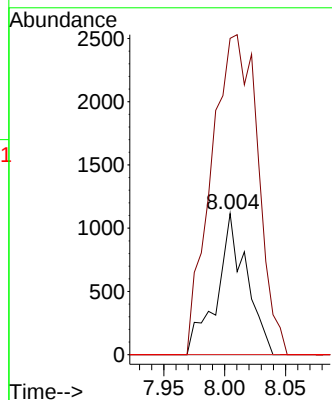
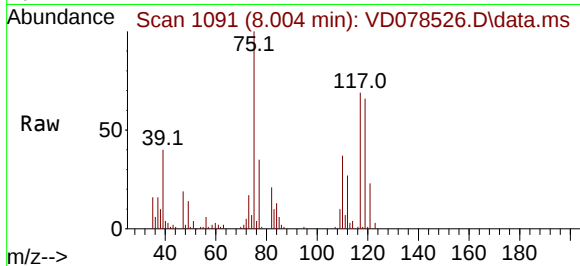
Tgt Ion:	113	Resp:	1890
Ion	Ratio	Lower	Upper
113	100		
111	354.9	84.7	127.1
192	0.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#36

1,1-Dichloropropene

Concen: 53.857 ug/l

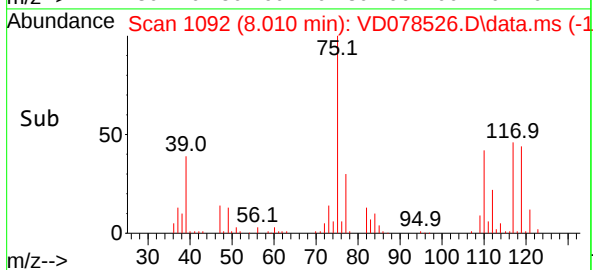
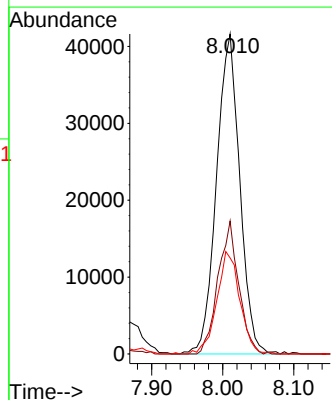
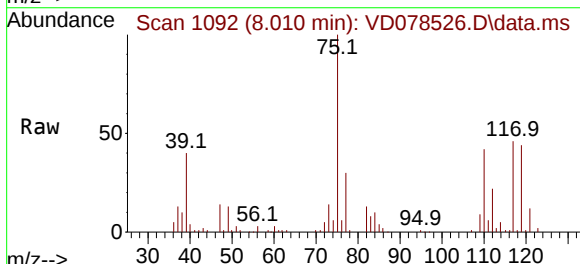
RT: 8.010 min Scan# 1092

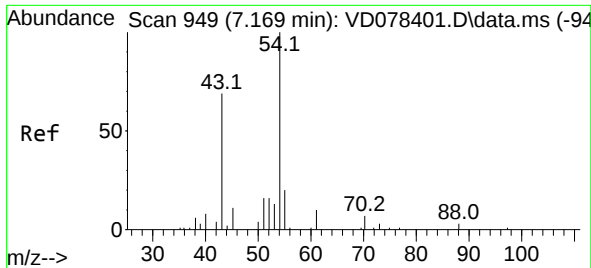
Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion:	75	Resp:	94597
Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.9	59.6
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 165.656 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.088 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

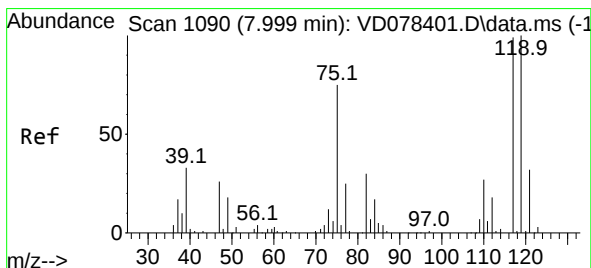
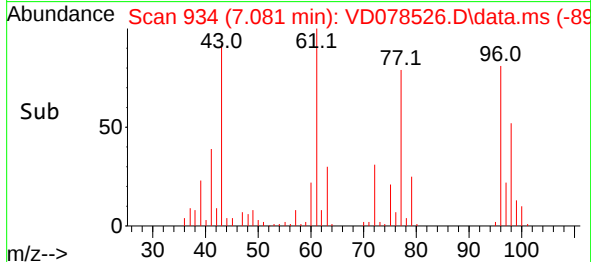
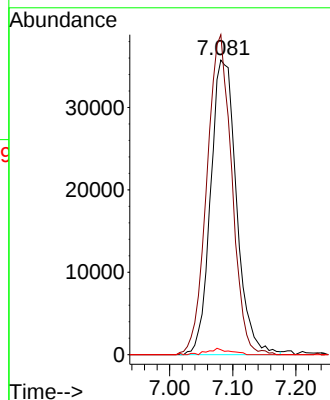
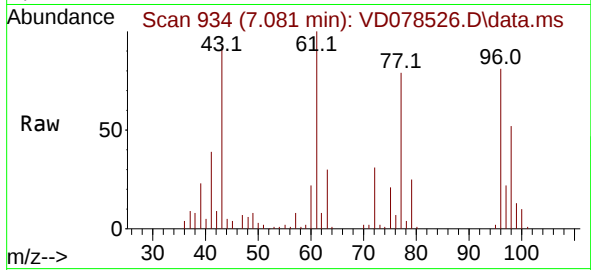
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 43 Resp: 101990
 Ion Ratio Lower Upper
 43 100
 61 104.3 14.9 22.3
 70 1.8 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024



#38

Carbon Tetrachloride

Concen: 53.944 ug/l

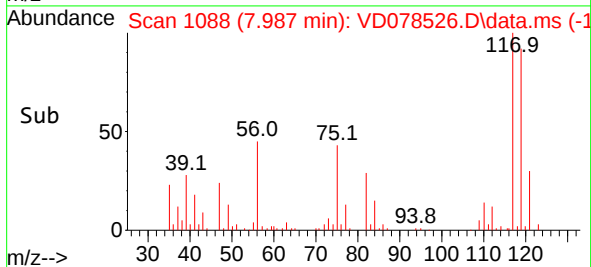
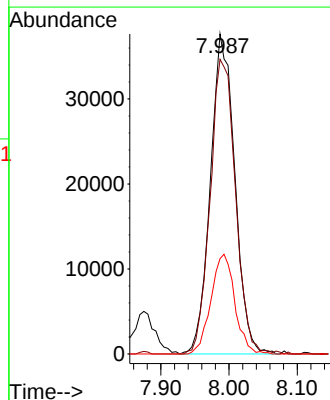
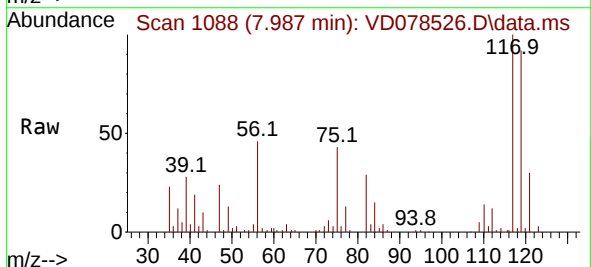
RT: 7.987 min Scan# 1088

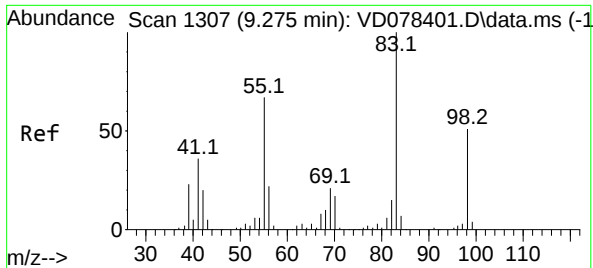
Delta R.T. -0.012 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion:117 Resp: 93832
 Ion Ratio Lower Upper
 117 100
 119 92.1 78.0 117.0
 121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 37.750 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 83 Resp: 78710

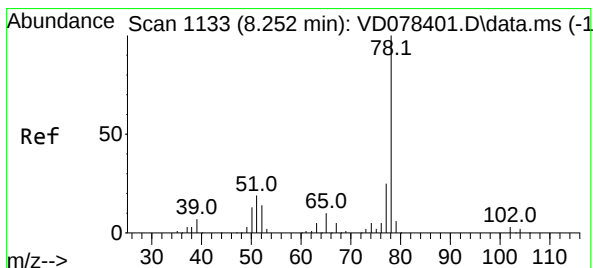
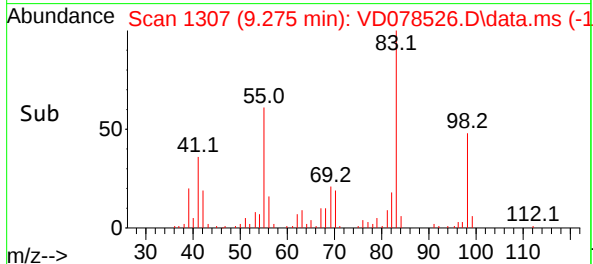
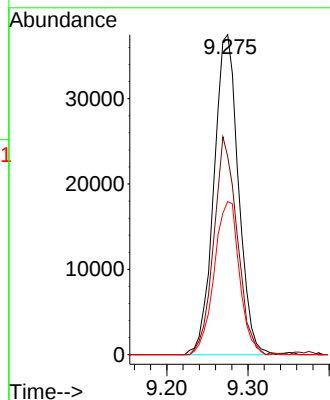
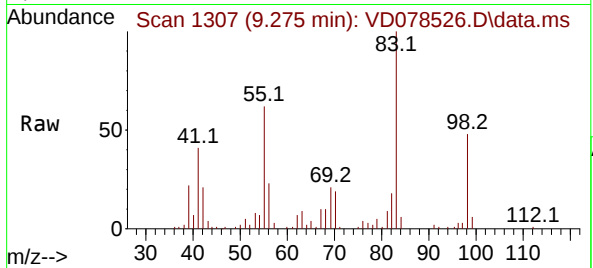
Ion	Ratio	Lower	Upper
83	100		
55	61.9	49.4	74.0
98	47.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#40

Benzene

Concen: 58.464 ug/l

RT: 8.251 min Scan# 1133

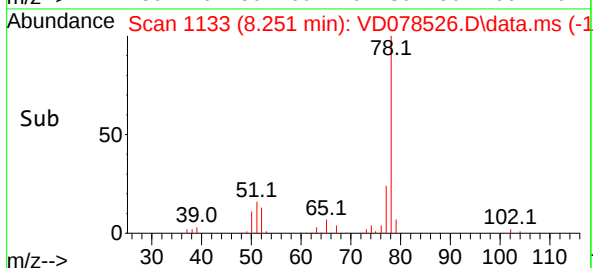
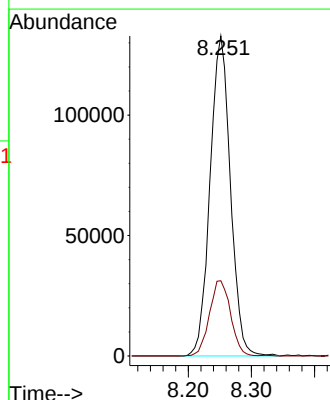
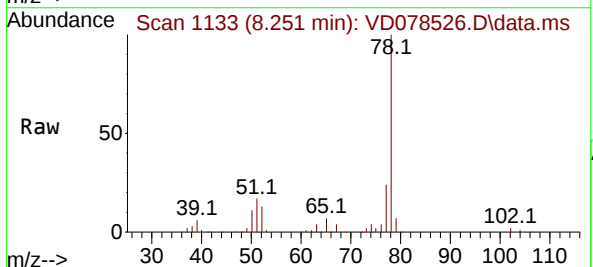
Delta R.T. -0.000 min

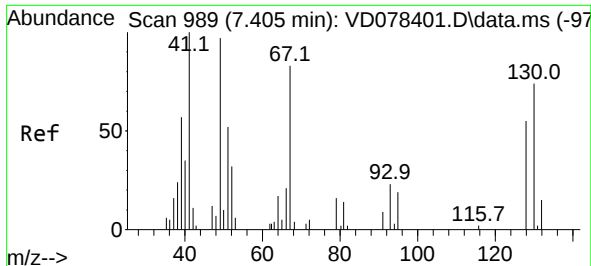
Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion: 78 Resp: 296814

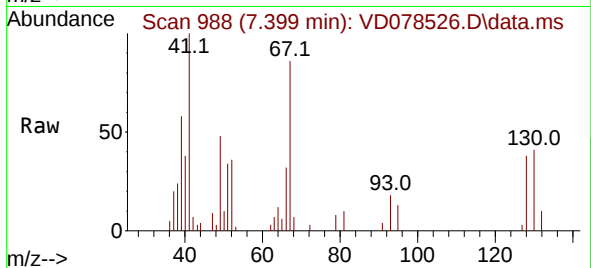
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





#41
Methacrylonitrile
Concen: 62.402 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

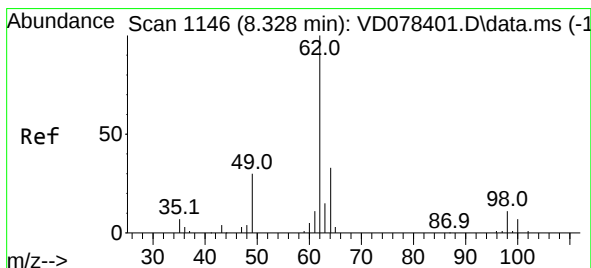
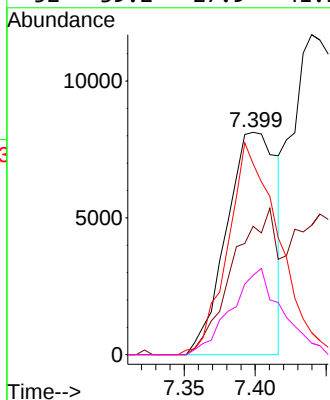
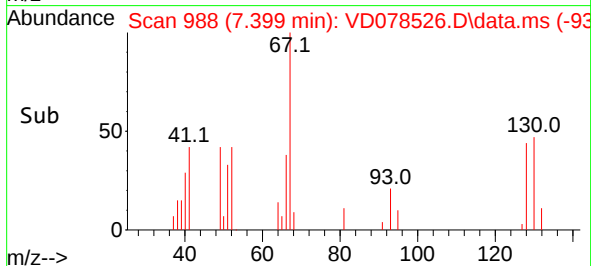
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 41 Resp: 19990
Ion Ratio Lower Upper
41 100
39 63.8 34.0 51.0
67 97.1 77.0 115.4
52 39.2 27.9 41.9

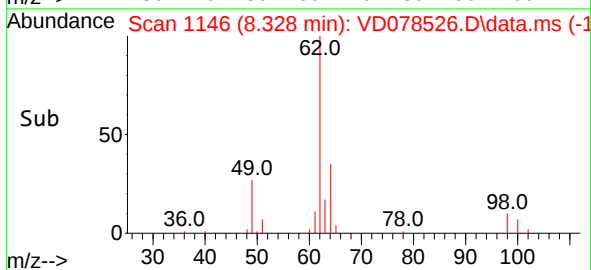
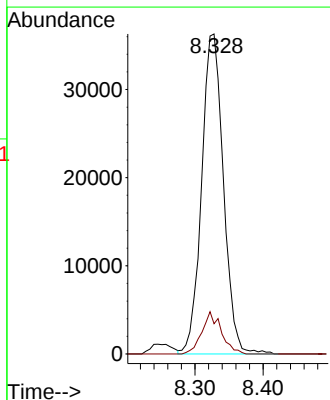
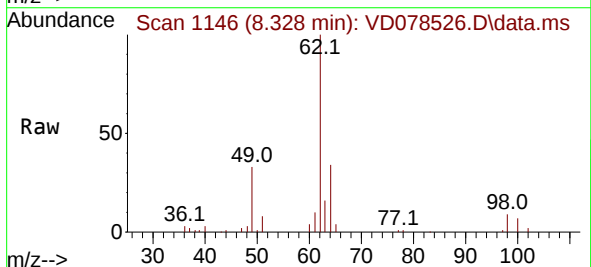
Manual Integrations
APPROVED

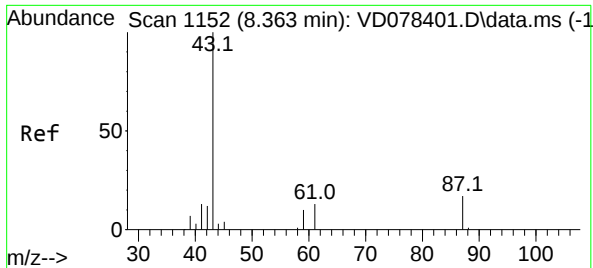
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#42
1,2-Dichloroethane
Concen: 61.572 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

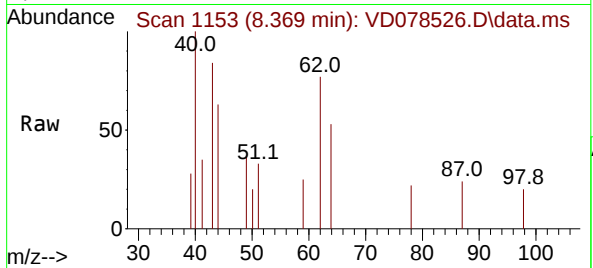
Tgt Ion: 62 Resp: 80883
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 1.216 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

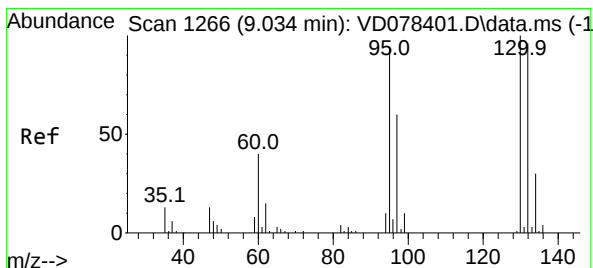
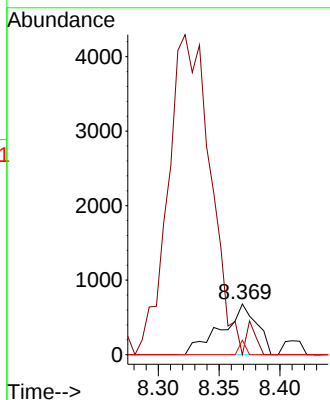
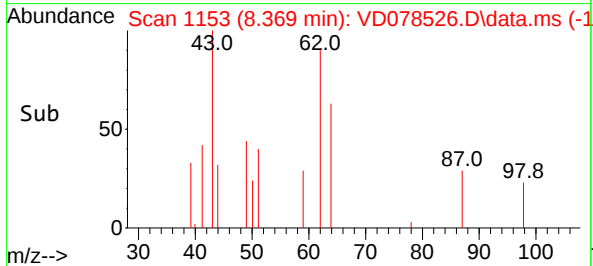
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0
87 5.0 14.9 22.3

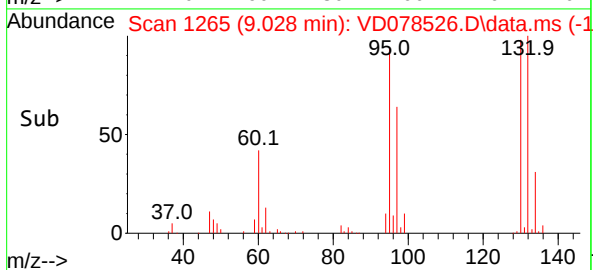
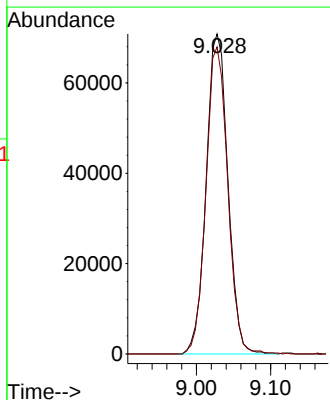
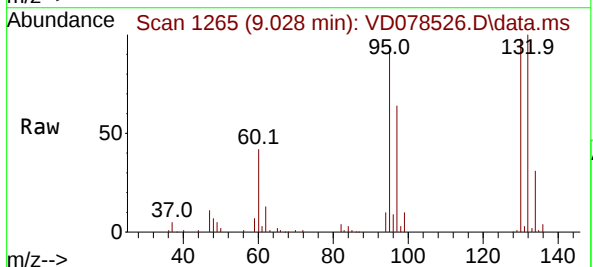
Manual Integrations
APPROVED

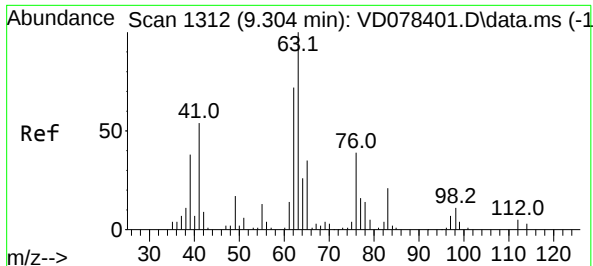
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#44
Trichloroethene
Concen: 111.368 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:130 Resp: 144244
Ion Ratio Lower Upper
130 100
95 95.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 60.620 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 63 Resp: 75510

Ion Ratio Lower Upper

63 100

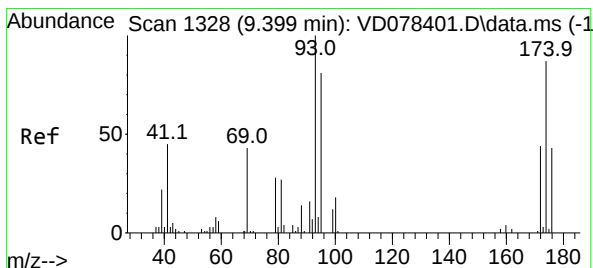
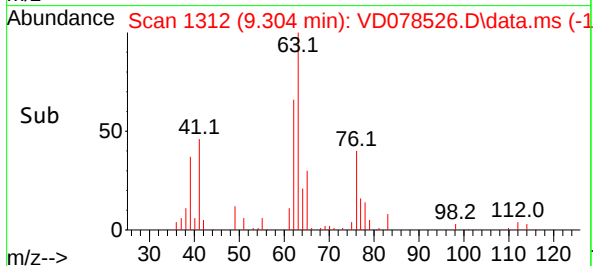
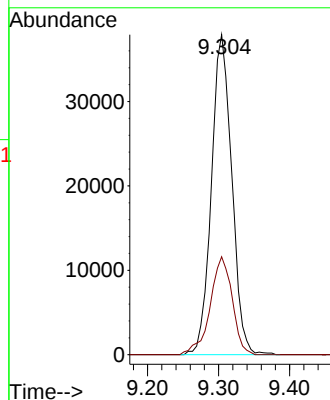
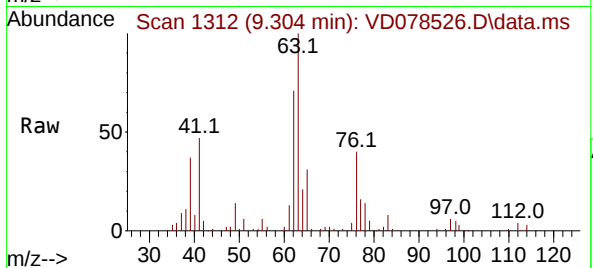
65 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#46

Dibromomethane

Concen: 63.232 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

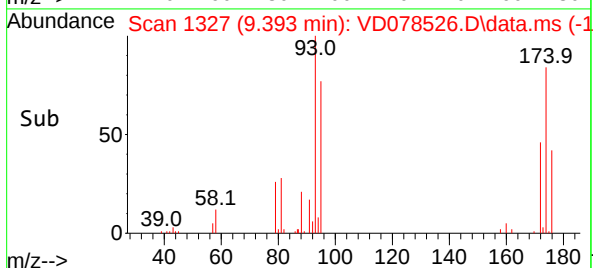
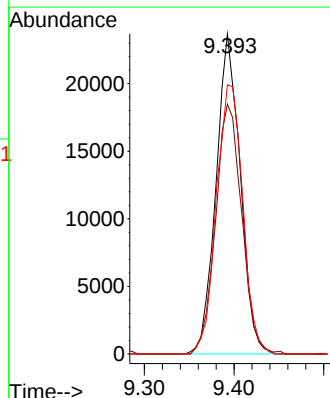
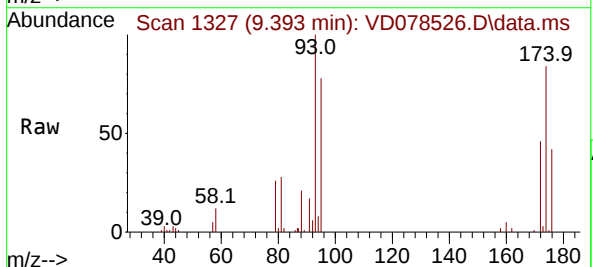
Tgt Ion: 93 Resp: 44302

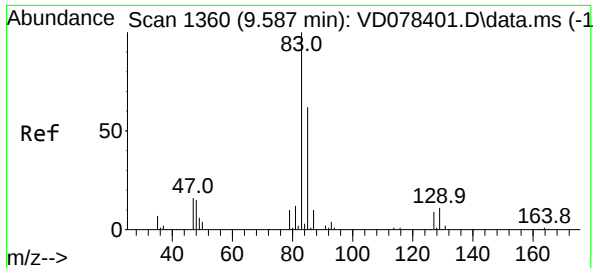
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

174 91.6 85.4 128.2





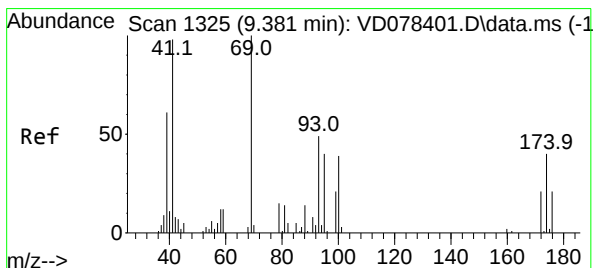
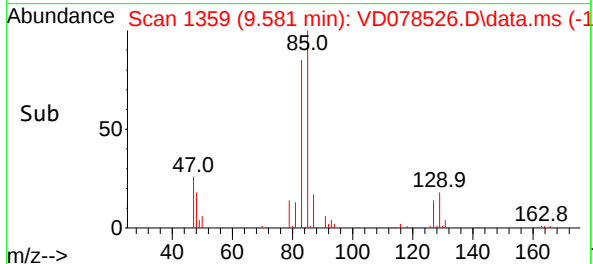
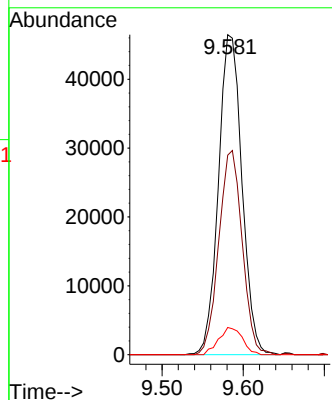
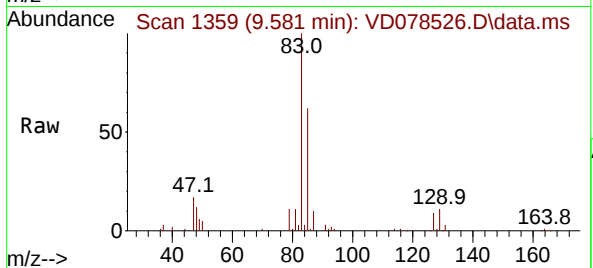
#47
Bromodichloromethane
Concen: 53.911 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 83 Resp: 93554
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 8.5 6.3 9.5

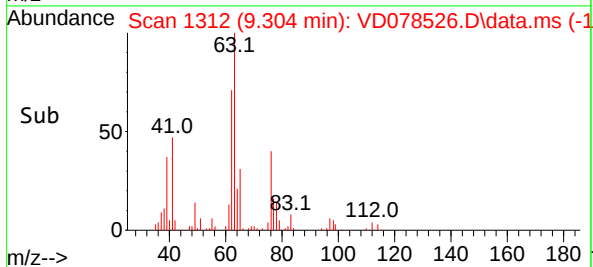
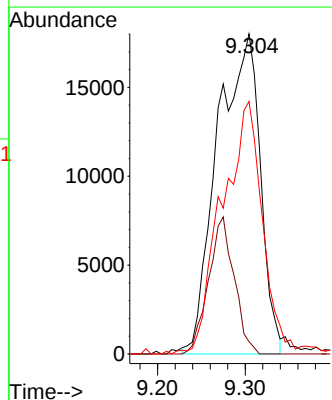
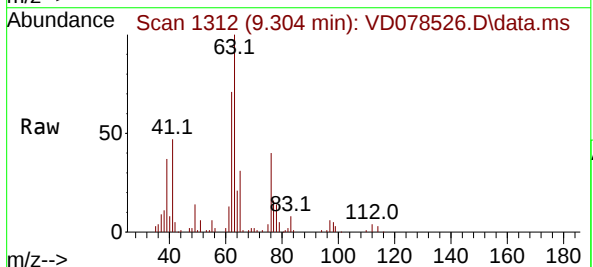
Manual Integrations
APPROVED

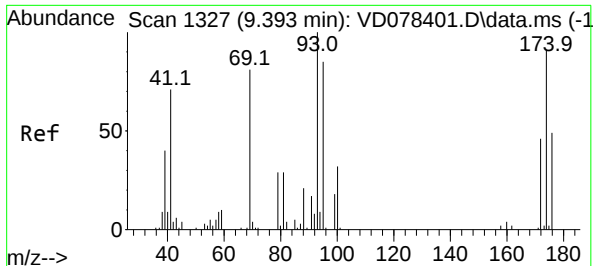
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#48
Methyl methacrylate
Concen: 100.674 ug/l m
RT: 9.304 min Scan# 1312
Delta R.T. -0.077 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 41 Resp: 60896
Ion Ratio Lower Upper
41 100
69 25.7 102.2 153.2#
39 0.0 41.4 62.2#





#49

1,4-Dioxane

Concen: 1618.048 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078526.D

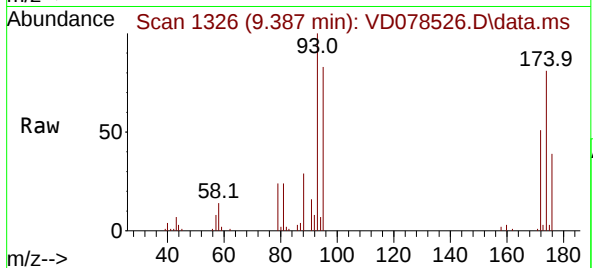
Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



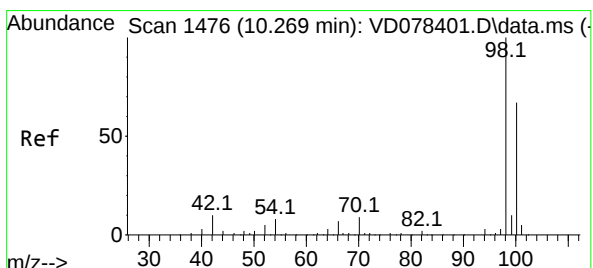
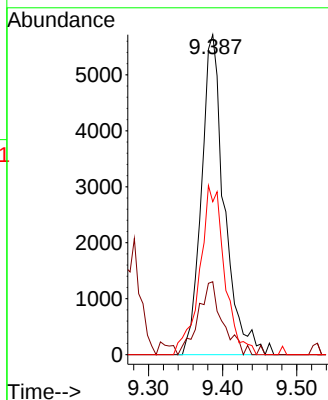
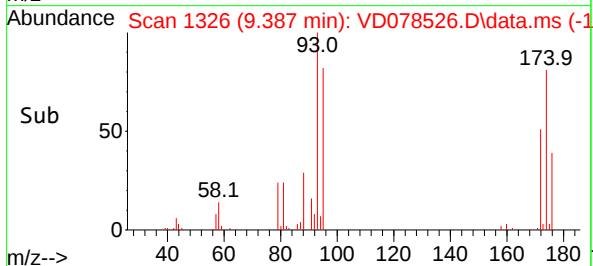
Tgt Ion:	88	Resp:	1227
Ion	Ratio	Lower	Upper
88	100		
43	24.4	19.0	28.6
58	57.1	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#50

Toluene-d8

Concen: 48.030 ug/l

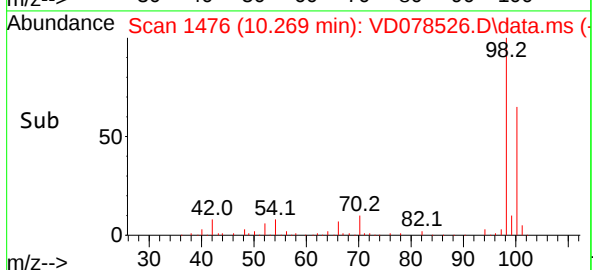
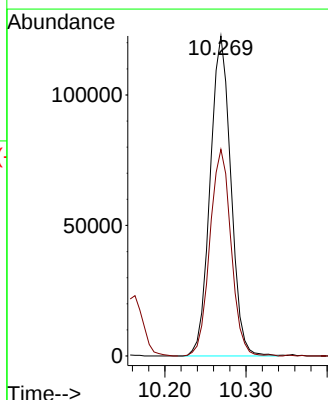
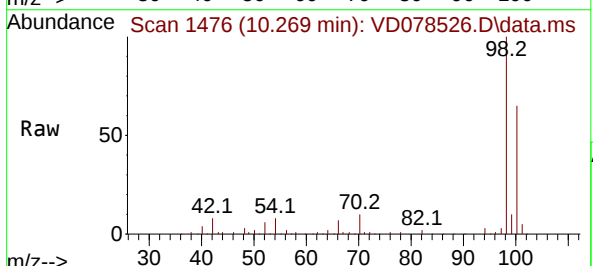
RT: 10.269 min Scan# 1476

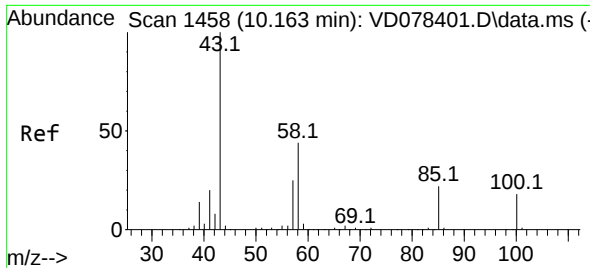
Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

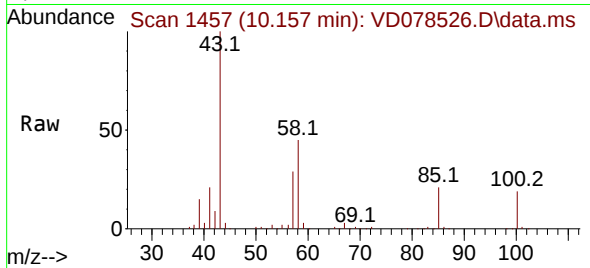
Tgt Ion:	98	Resp:	217234
Ion	Ratio	Lower	Upper
98	100		
100	66.0	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 349.690 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

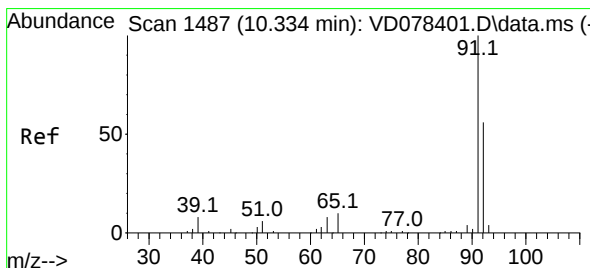
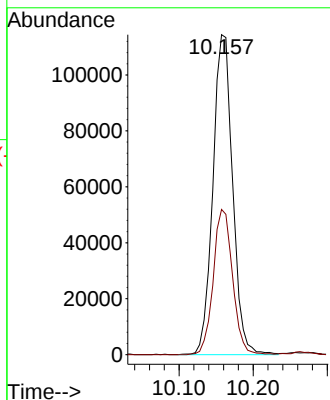
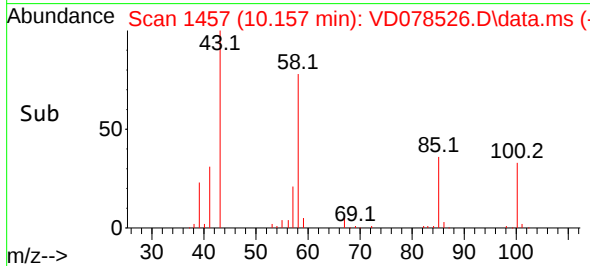
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 43 Resp: 21160
Ion Ratio Lower Upper
43 100
58 44.5 38.9 58.3

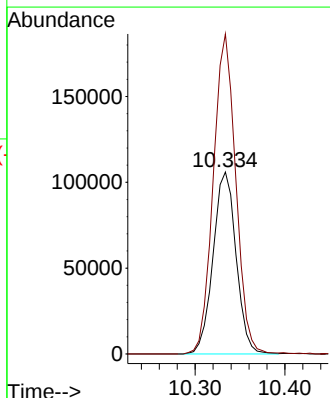
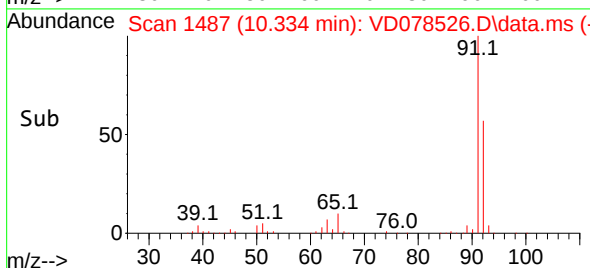
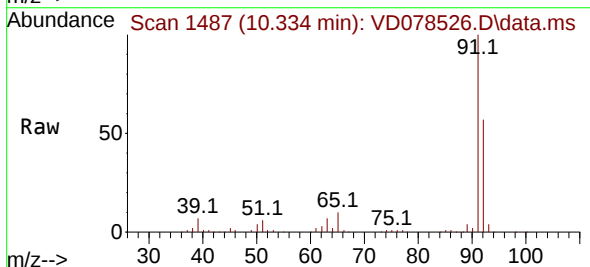
Manual Integrations
APPROVED

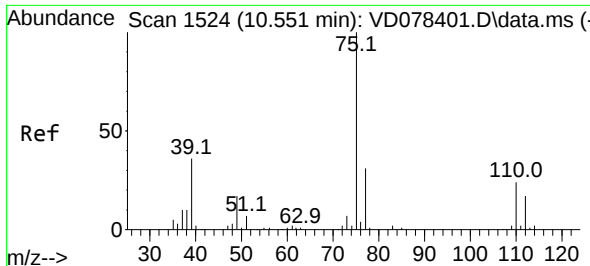
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#52
Toluene
Concen: 58.703 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

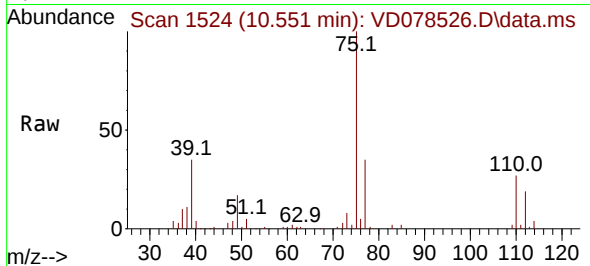
Tgt Ion: 92 Resp: 188466
Ion Ratio Lower Upper
92 100
91 172.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 55.426 ug/l
RT: 10.551 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

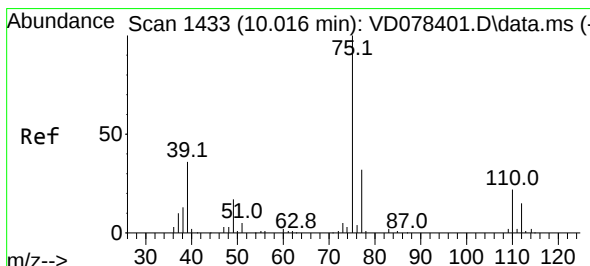
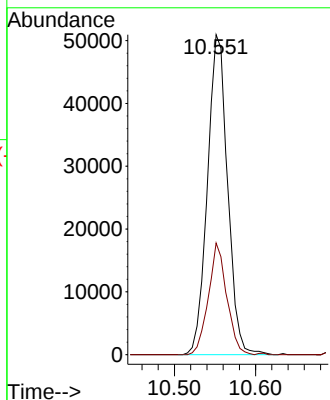
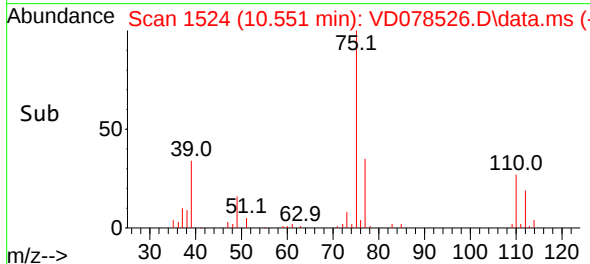
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 75 Resp: 8776
Ion Ratio Lower Upper
75 100
77 34.9 25.3 37.9

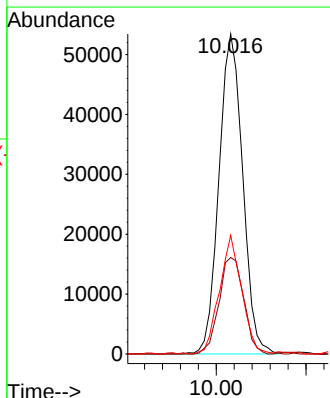
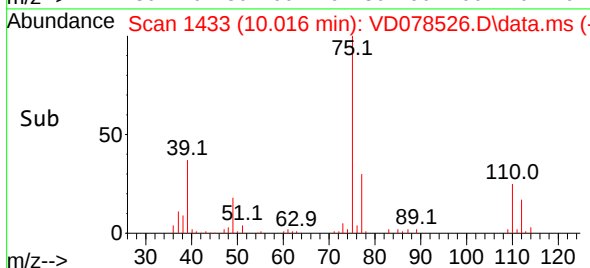
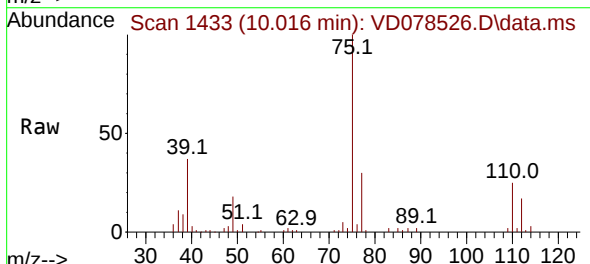
Manual Integrations
APPROVED

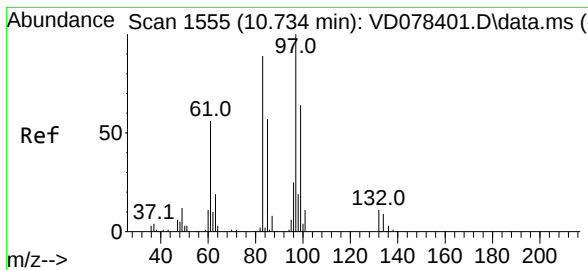
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#54
cis-1,3-Dichloropropene
Concen: 51.104 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

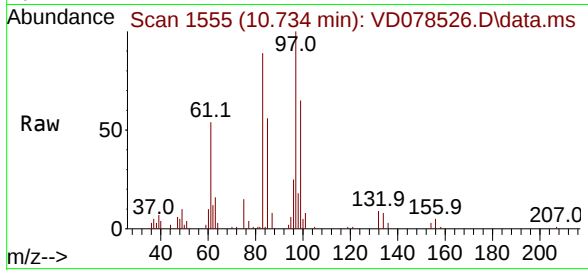
Tgt Ion: 75 Resp: 98124
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 37.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 41.795 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

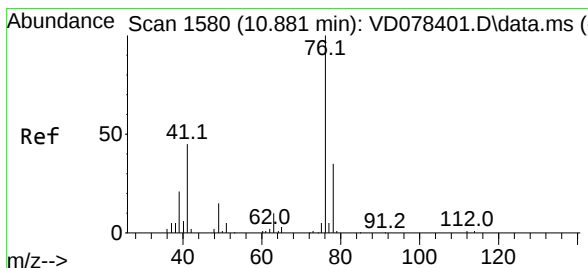
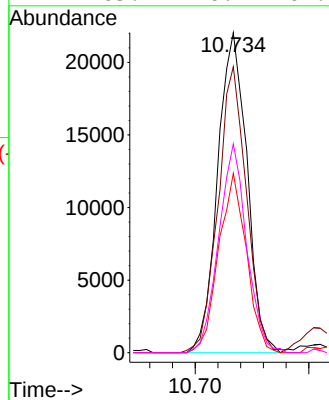
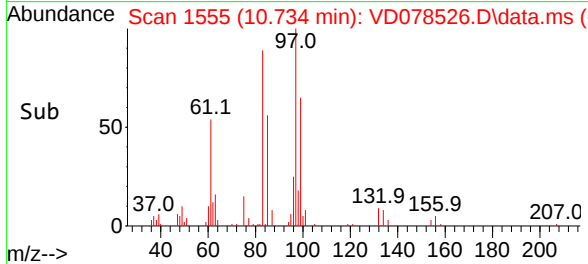
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.8	98.6
85	56.1	45.7	68.5
99	65.2	46.2	69.4

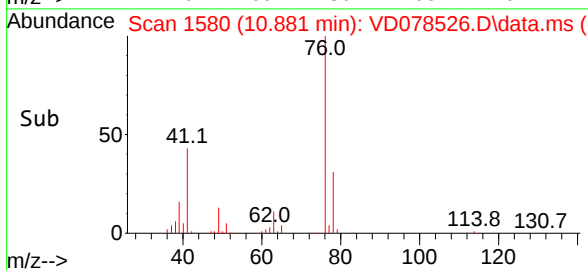
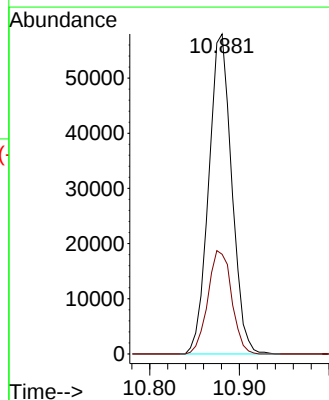
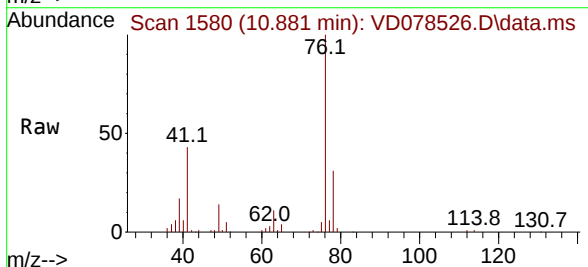
Manual Integrations
APPROVED

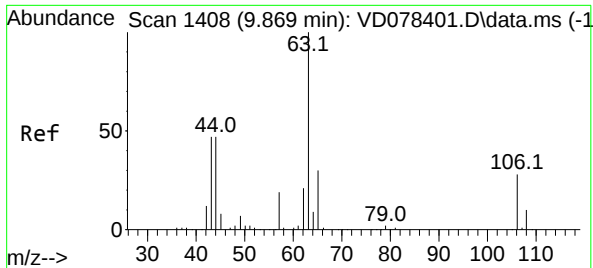
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#57
1,3-Dichloropropane
Concen: 64.290 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.4	39.6





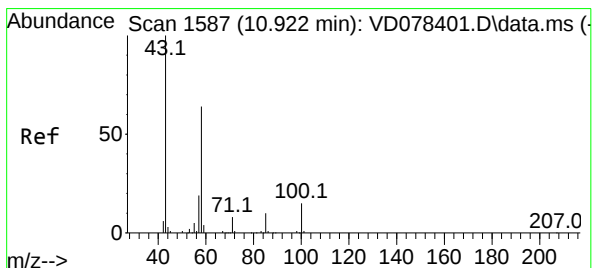
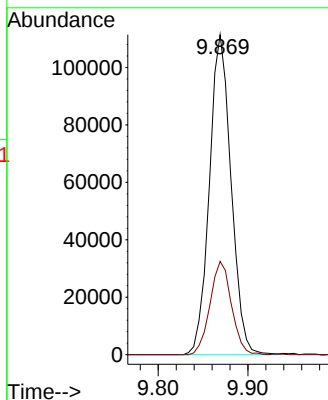
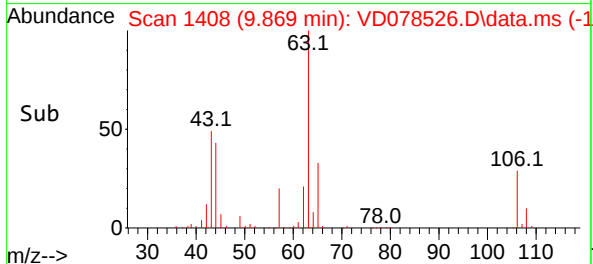
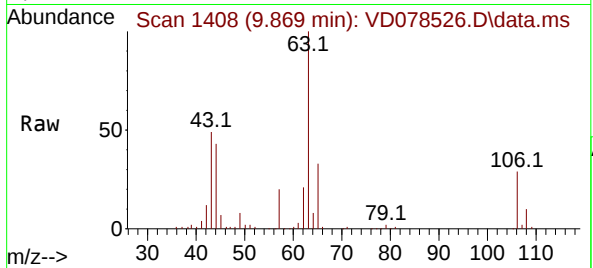
#58
2-Chloroethyl Vinyl ether
Concen: 363.615 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 63 Resp: 186904
Ion Ratio Lower Upper
63 100
106 28.8 25.3 37.9

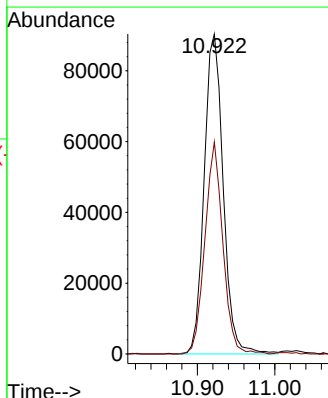
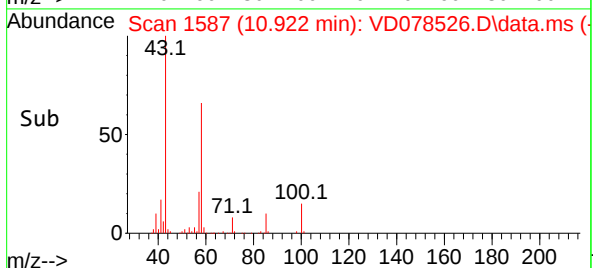
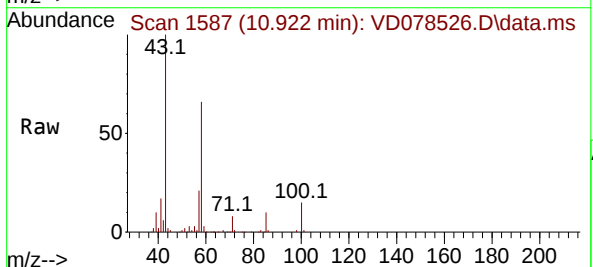
Manual Integrations
APPROVED

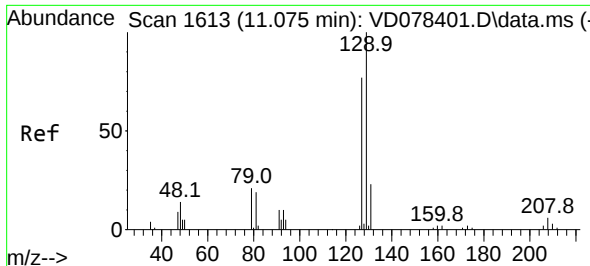
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#59
2-Hexanone
Concen: 338.725 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

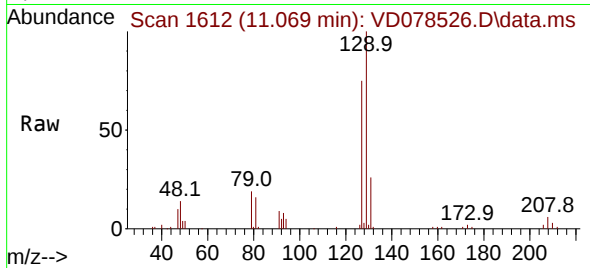
Tgt Ion: 43 Resp: 154039
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2





#60
Dibromochloromethane
Concen: 59.804 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

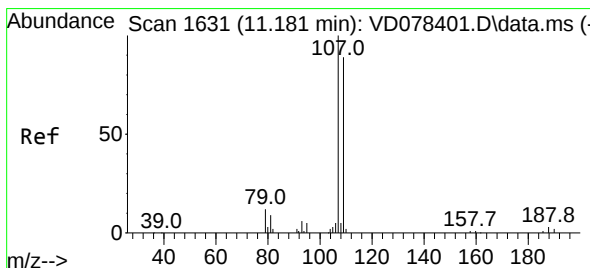
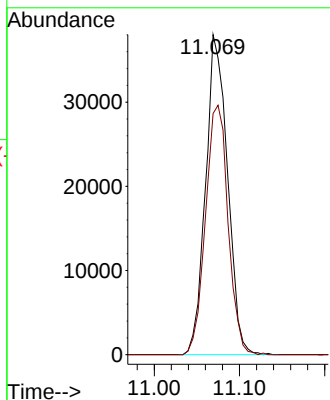
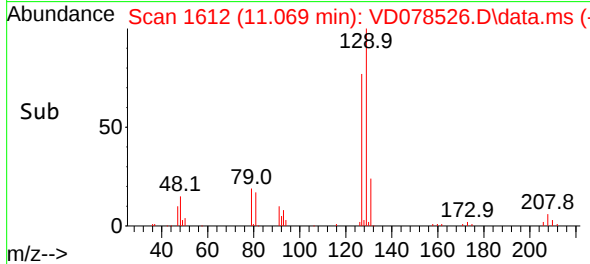
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:129 Resp: 67892
Ion Ratio Lower Upper
129 100
127 80.5 37.1 111.5

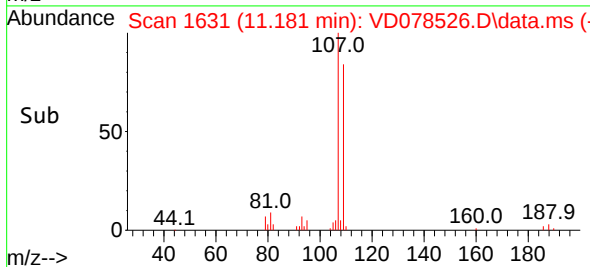
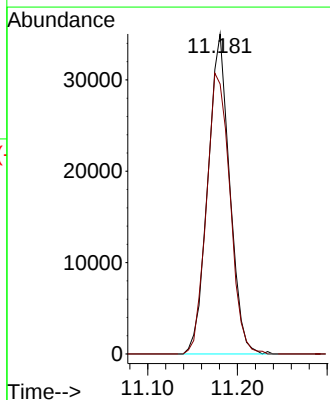
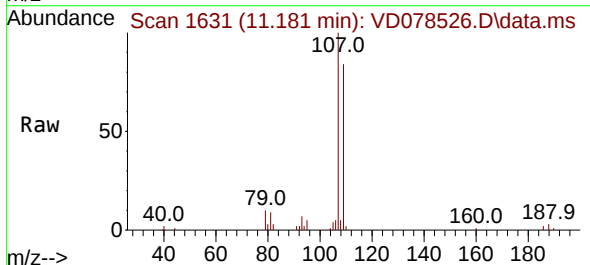
Manual Integrations
APPROVED

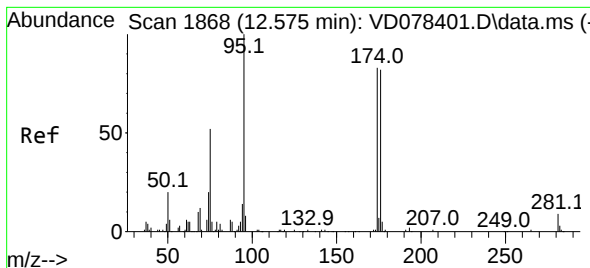
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#61
1,2-Dibromoethane
Concen: 66.821 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

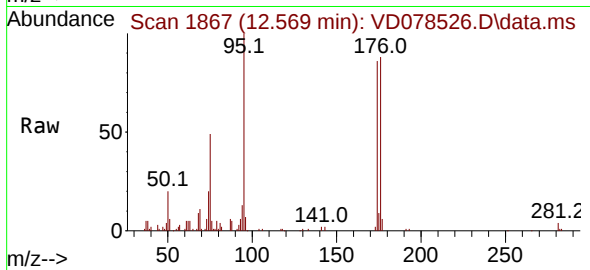
Tgt Ion:107 Resp: 59190
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4





#62
4-Bromofluorobenzene
Concen: 48.087 ug/l
RT: 12.569 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

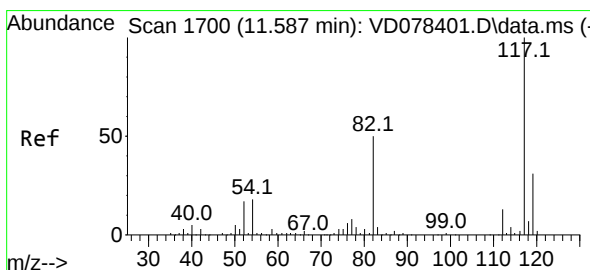
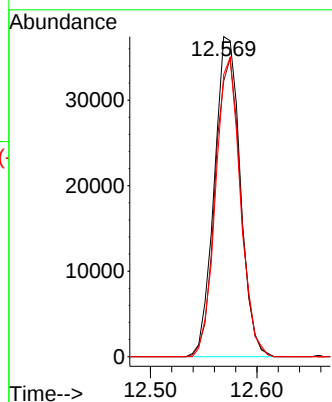
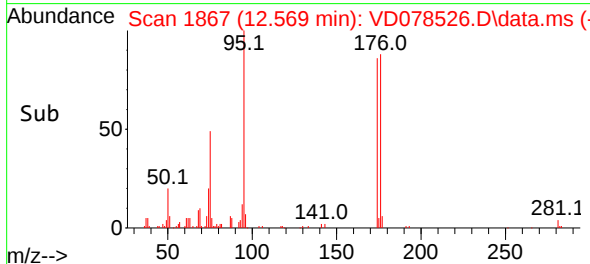
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



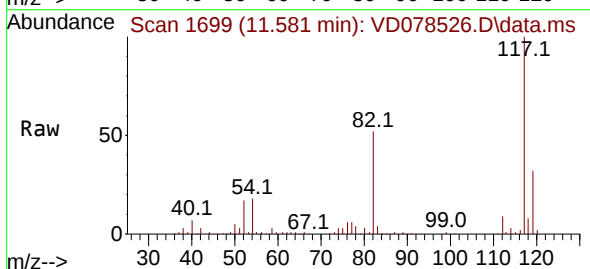
Tgt Ion: 95 Resp: 6329
Ion Ratio Lower Upper
95 100
174 91.1 0.0 201.8
176 89.1 0.0 191.8

Manual Integrations
APPROVED

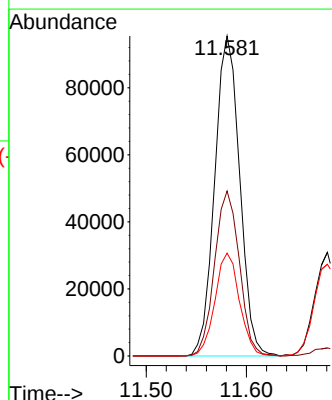
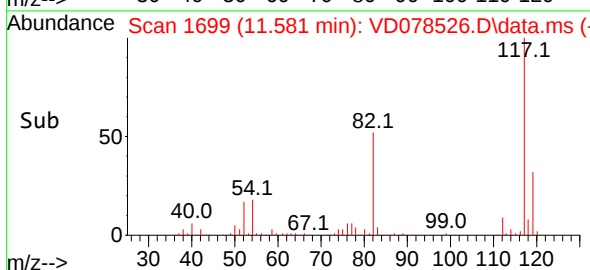
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

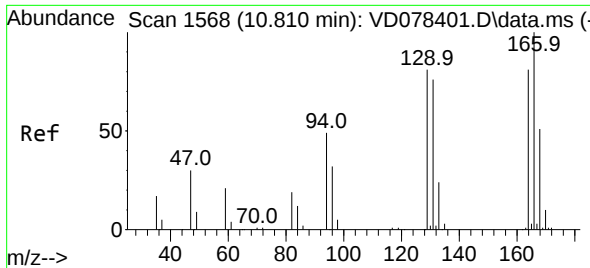


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17



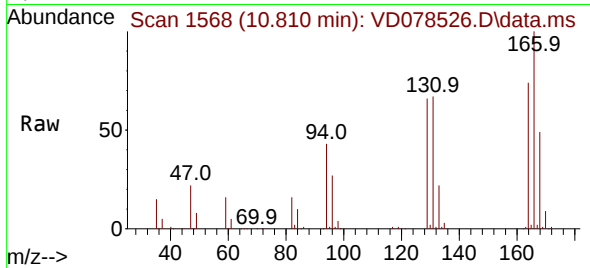
Tgt Ion:117 Resp: 165333
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 32.1 25.0 37.4





#64
Tetrachloroethene
Concen: 101.660 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

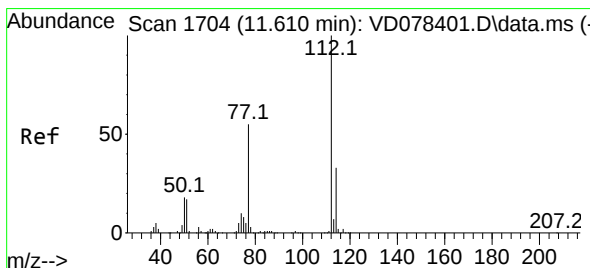
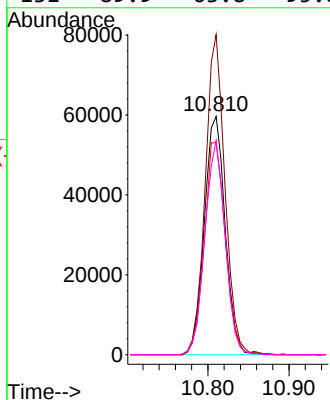
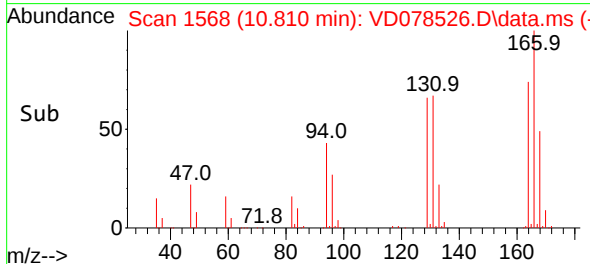
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:164 Resp: 10616
Ion Ratio Lower Upper
164 100
166 134.3 99.2 148.8
129 89.0 68.4 102.6
131 89.9 63.8 95.8

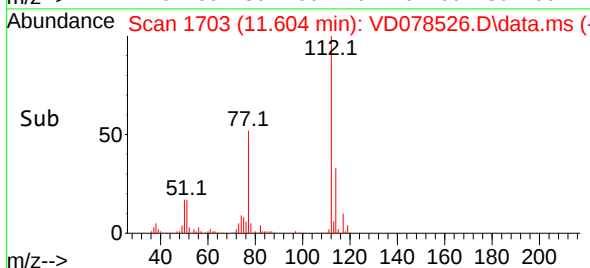
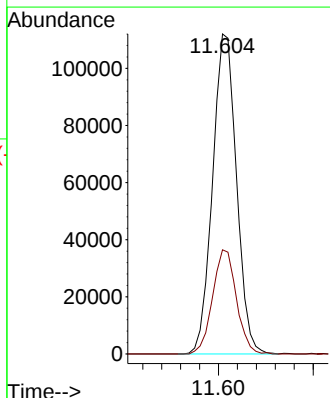
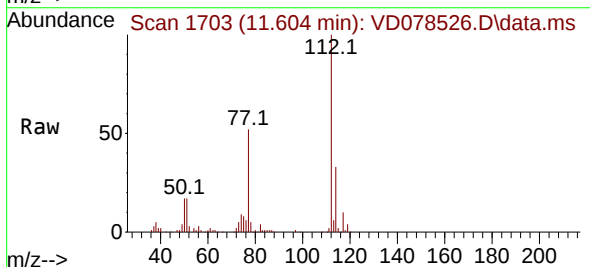
Manual Integrations
APPROVED

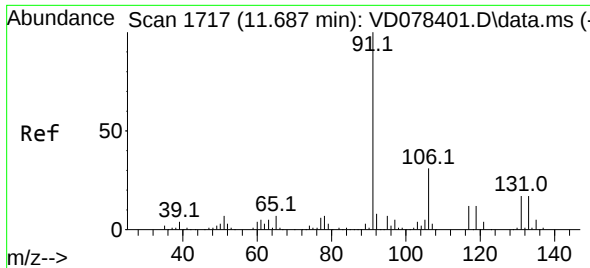
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#65
Chlorobenzene
Concen: 59.160 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

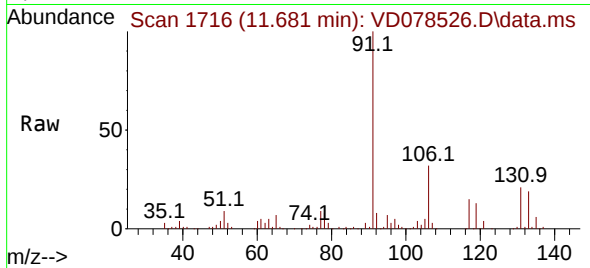
Tgt Ion:112 Resp: 196638
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 59.433 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

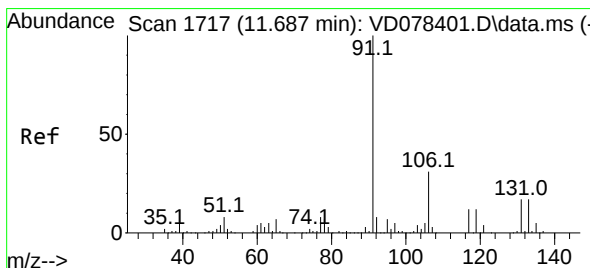
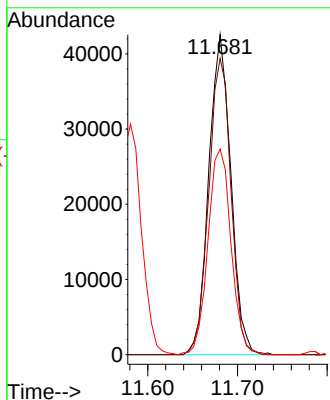
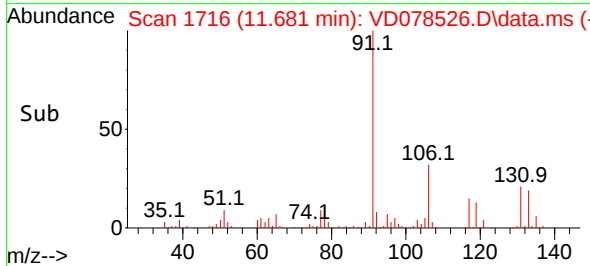
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:131 Resp: 7259
Ion Ratio Lower Upper
131 100
133 93.8 48.5 145.5
119 67.4 35.6 106.9

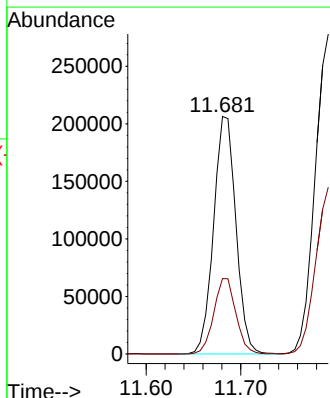
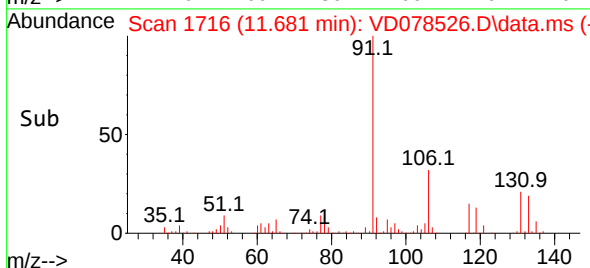
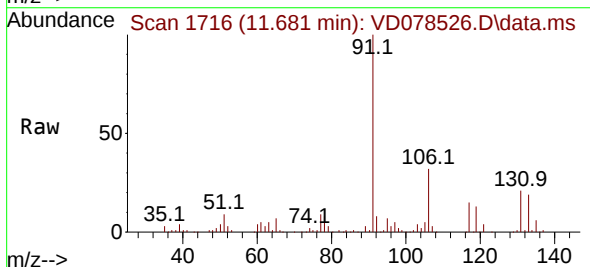
Manual Integrations
APPROVED

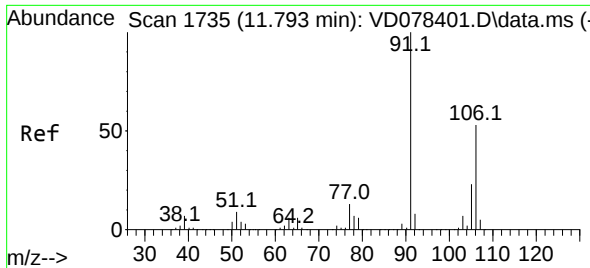
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#67
Ethyl Benzene
Concen: 56.880 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

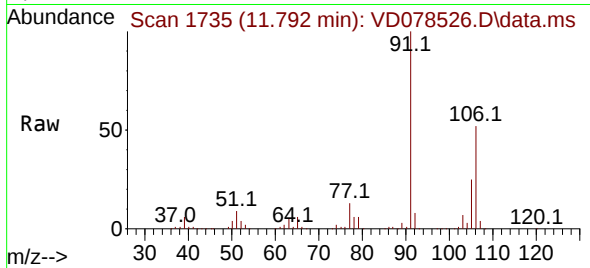
Tgt Ion: 91 Resp: 338748
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7





#68
m/p-Xylenes
Concen: 113.811 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

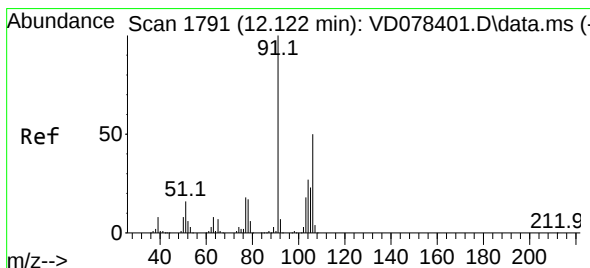
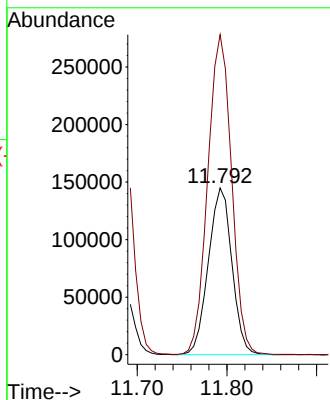
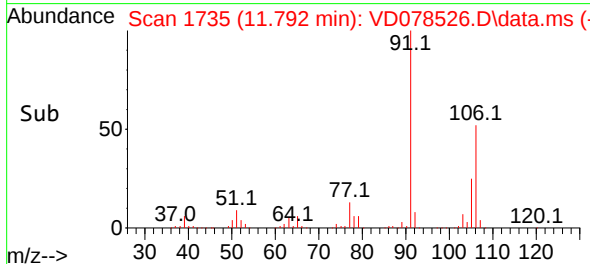
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



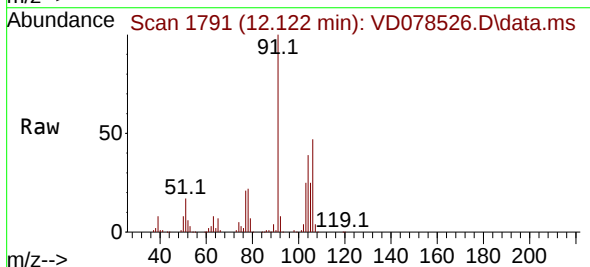
Tgt Ion:106 Resp: 26438
Ion Ratio Lower Upper
106 100
91 193.8 147.0 220.6

Manual Integrations
APPROVED

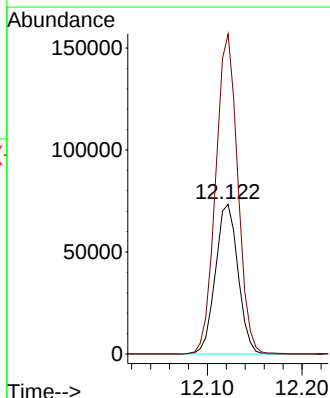
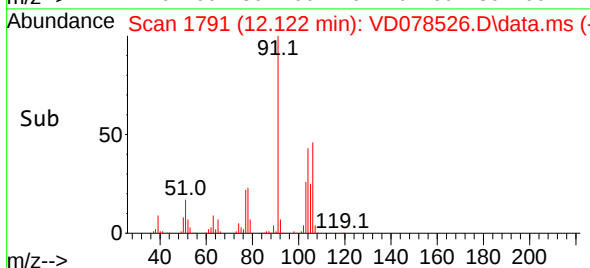
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

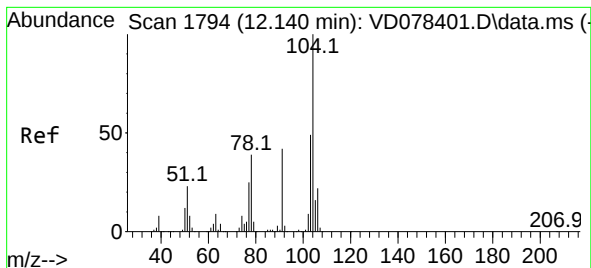


#69
o-Xylene
Concen: 57.372 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17



Tgt Ion:106 Resp: 121625
Ion Ratio Lower Upper
106 100
91 209.1 97.9 293.6





#70

Styrene

Concen: 56.316 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078526.D

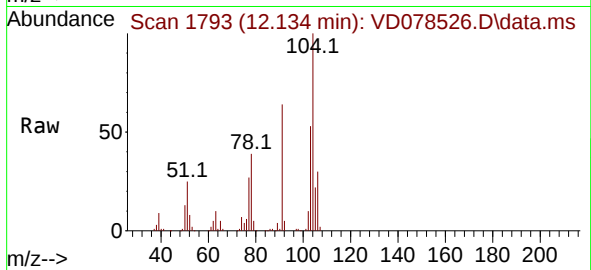
Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



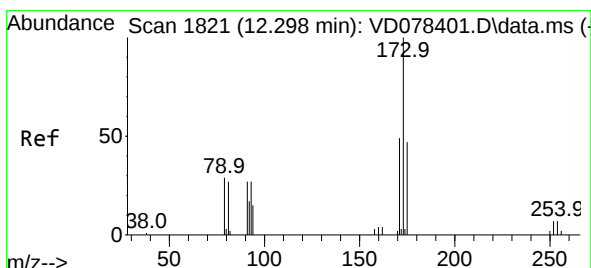
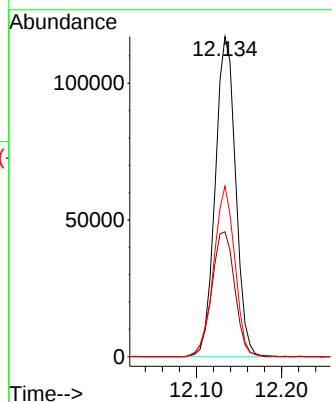
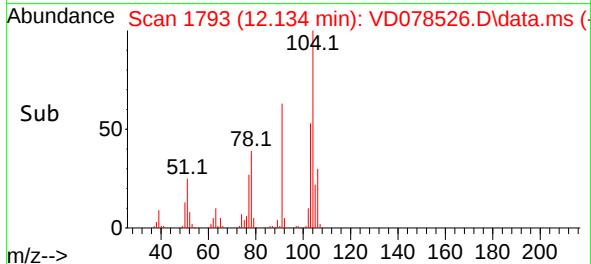
Tgt Ion:	104	Resp:	19484
Ion Ratio	Lower	Upper	
104	100		
78	44.1	33.2	49.8
103	55.2	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#71

Bromoform

Concen: 67.090 ug/l

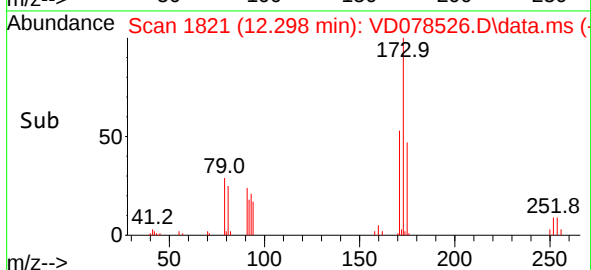
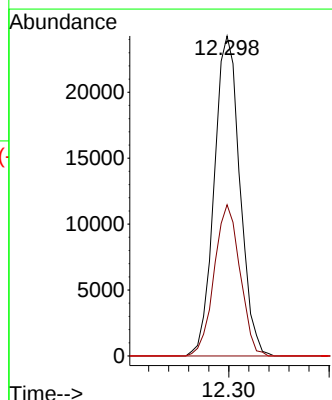
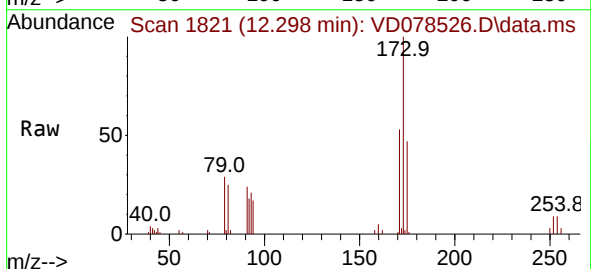
RT: 12.298 min Scan# 1821

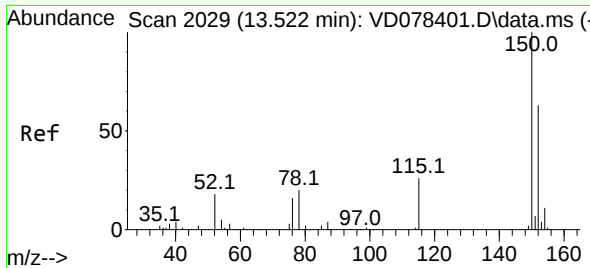
Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

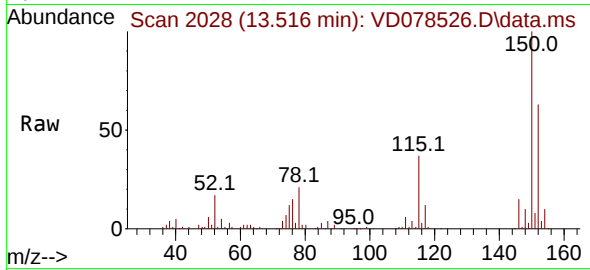
Tgt Ion:	173	Resp:	43134
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.6	73.8
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

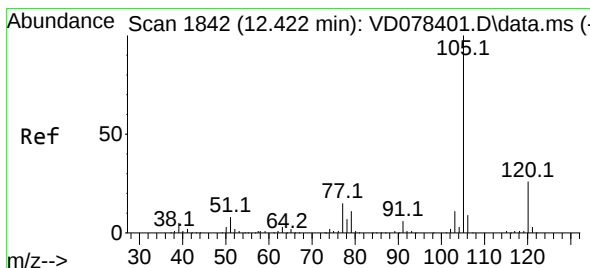
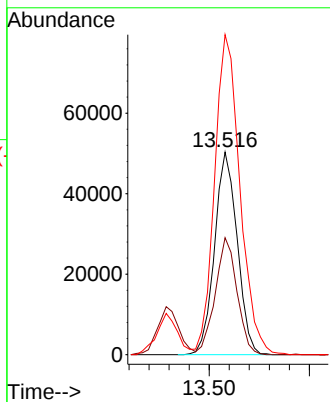
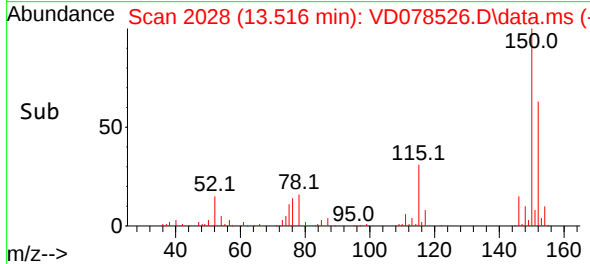
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:152 Resp: 78778
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 177.6 0.0 353.6

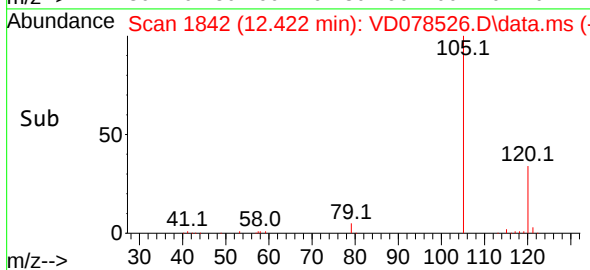
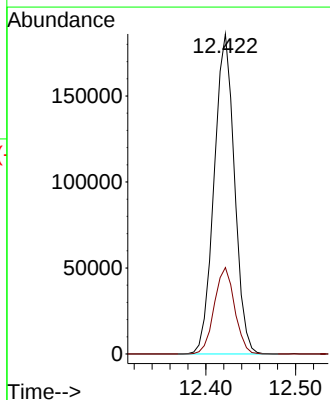
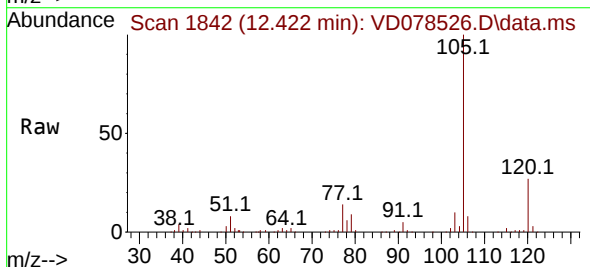
Manual Integrations
APPROVED

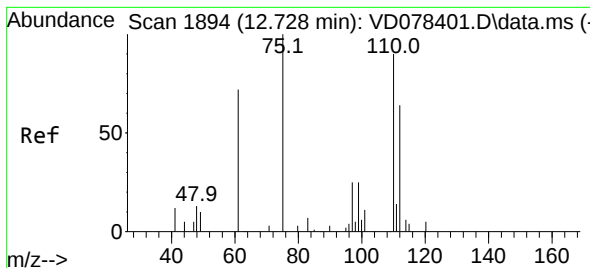
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#73
Isopropylbenzene
Concen: 55.288 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:105 Resp: 292468
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9





#76

1,2,3-Trichloropropane

Concen: 68.409 ug/l m

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 75 Resp: 45752

Ion Ratio Lower Upper

75 100

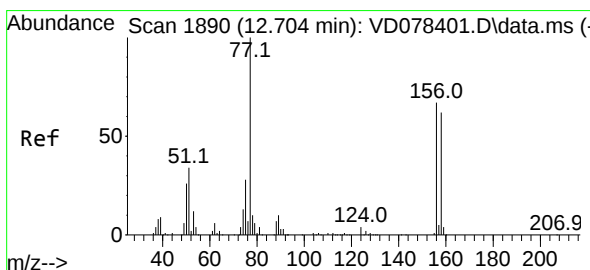
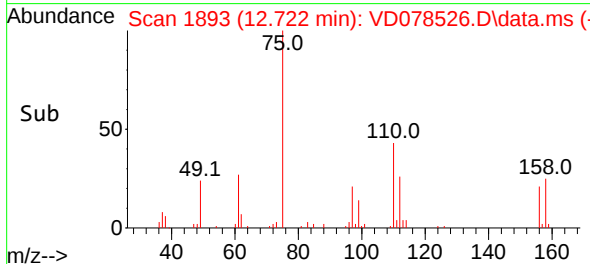
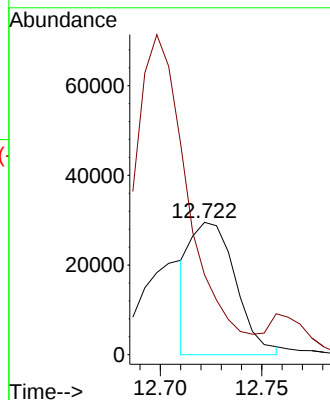
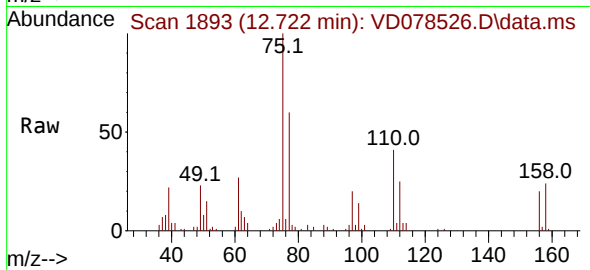
77 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#77

Bromobenzene

Concen: 64.468 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

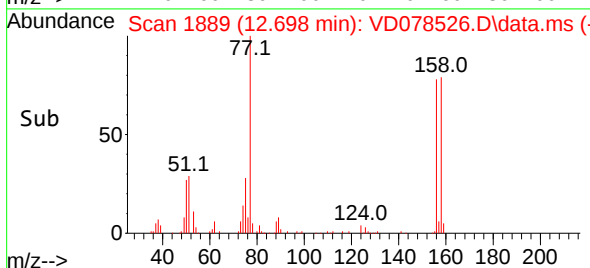
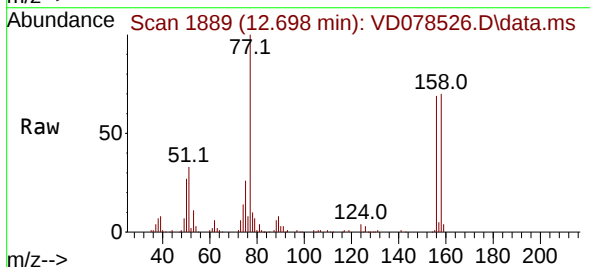
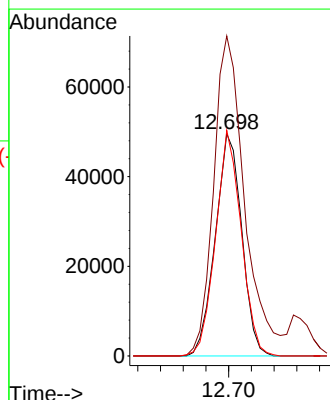
Tgt Ion:156 Resp: 80146

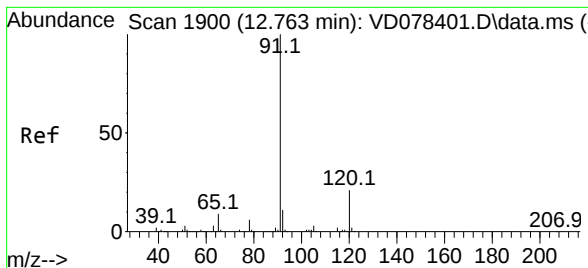
Ion Ratio Lower Upper

156 100

77 168.0 76.8 230.4

158 98.2 48.6 145.9





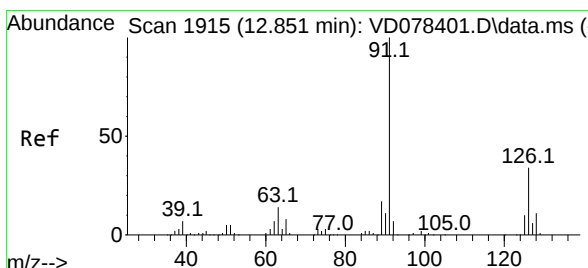
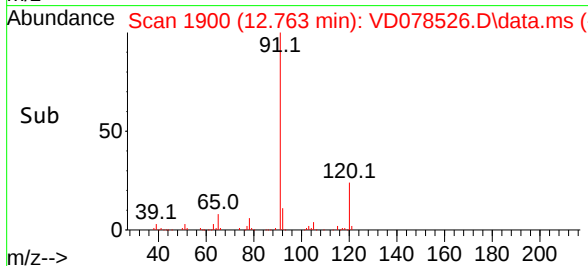
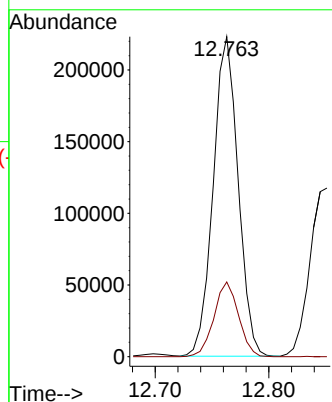
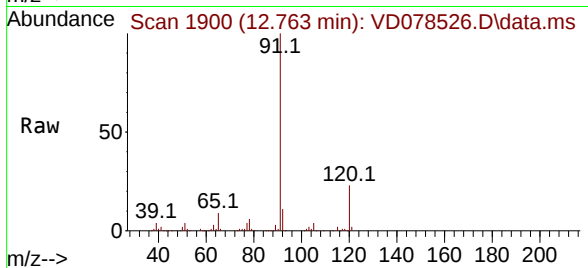
#78
n-propylbenzene
Concen: 51.486 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 91 Resp: 33940
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

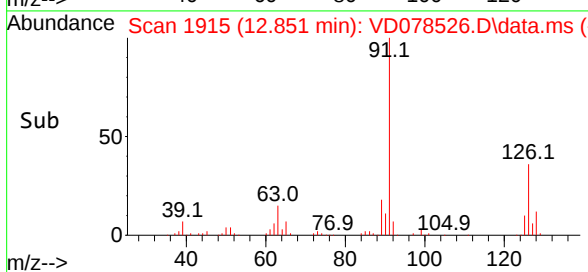
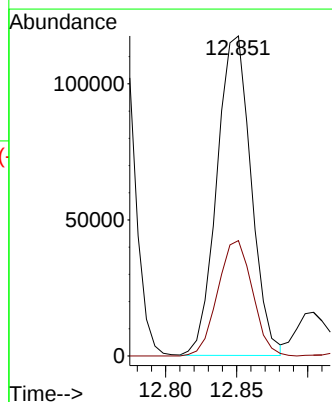
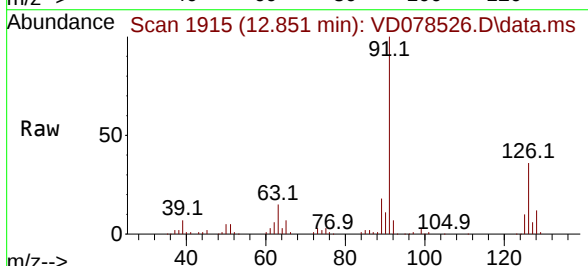
Manual Integrations
APPROVED

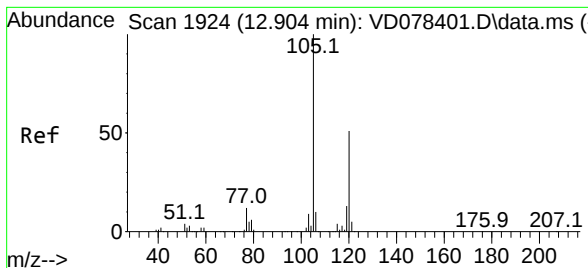
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#79
2-Chlorotoluene
Concen: 55.889 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

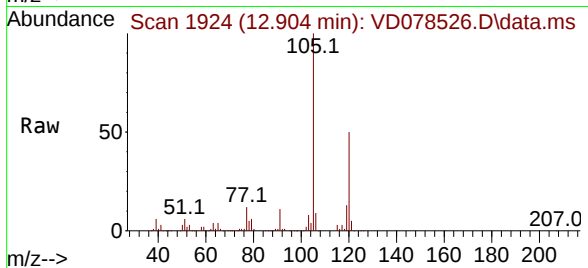
Tgt Ion: 91 Resp: 197332
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1





#80
1,3,5-Trimethylbenzene
Concen: 53.994 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

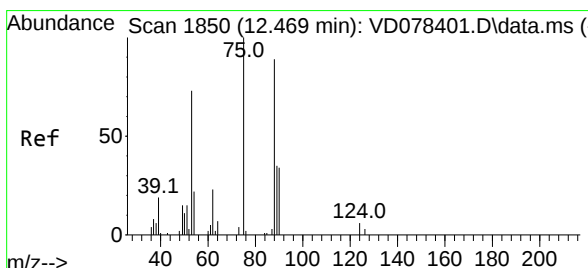
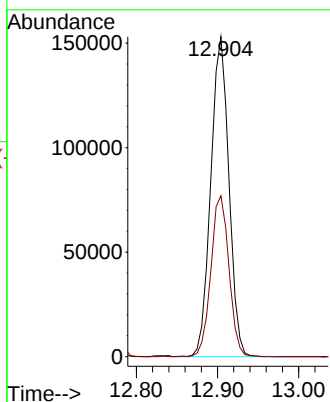
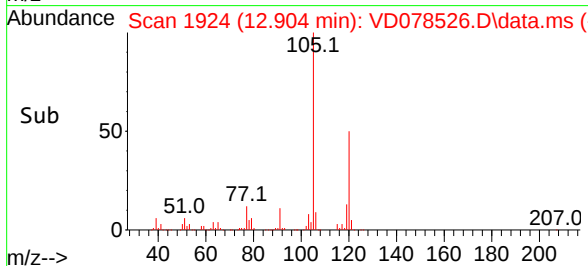
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:105 Resp: 237160
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2

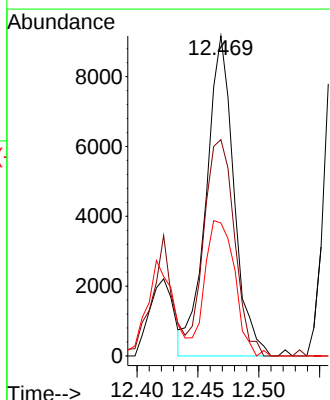
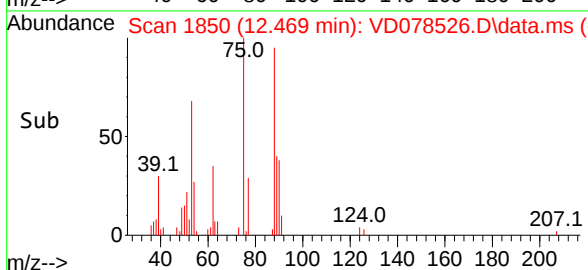
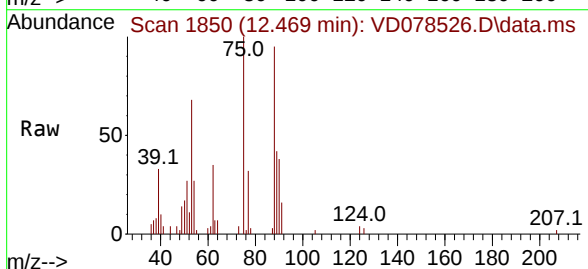
Manual Integrations
APPROVED

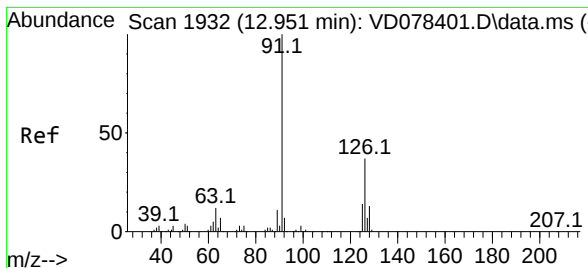
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#81
trans-1,4-Dichloro-2-butene
Concen: 45.084 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

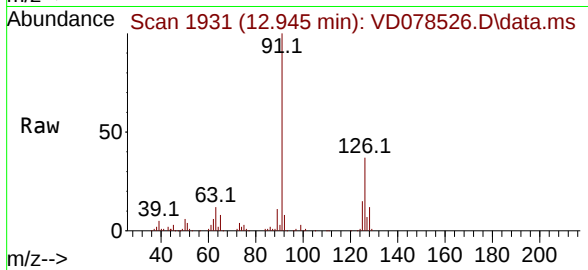
Tgt Ion: 75 Resp: 14524
Ion Ratio Lower Upper
75 100
53 74.3 63.0 94.4
89 46.0 37.9 56.9





#82
4-Chlorotoluene
Concen: 56.184 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

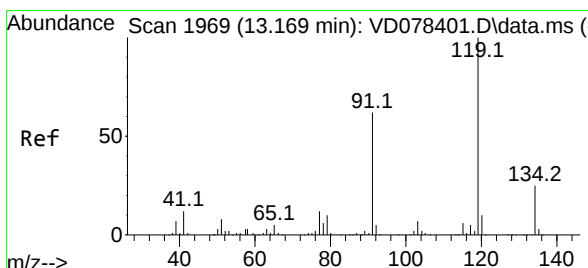
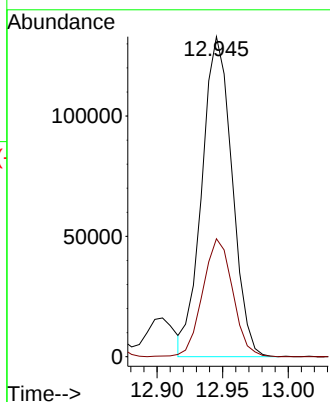
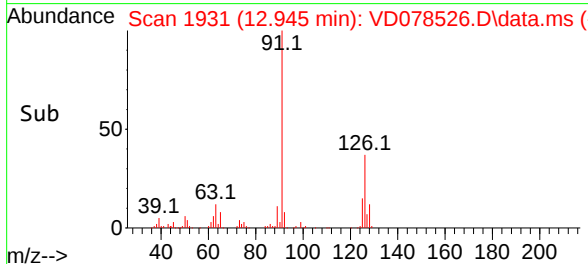
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 91 Resp: 21305
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.4

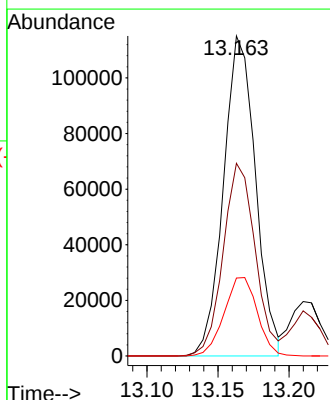
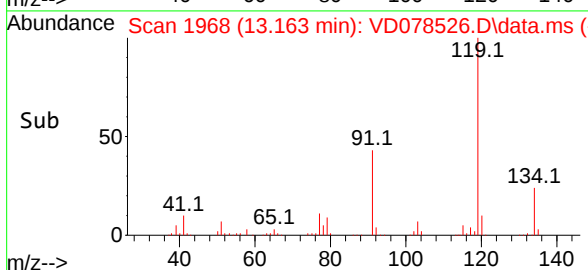
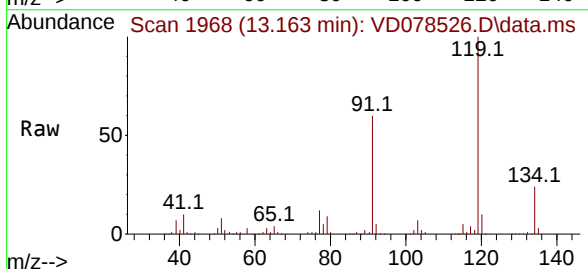
Manual Integrations
APPROVED

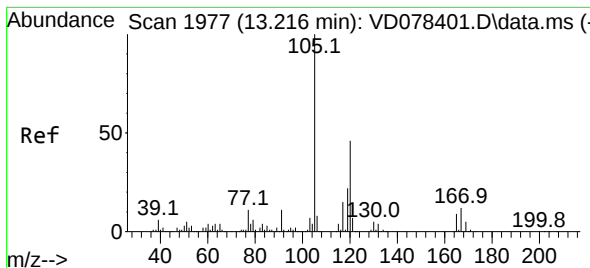
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#83
tert-Butylbenzene
Concen: 48.789 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:119 Resp: 180736
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.8
134 25.4 14.1 42.3





#84

1,2,4-Trimethylbenzene

Concen: 54.605 ug/l

RT: 13.210 min Scan# 1977

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:105 Resp: 24342

Ion Ratio Lower Upper

105 100

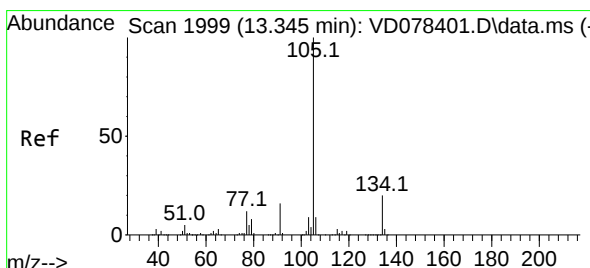
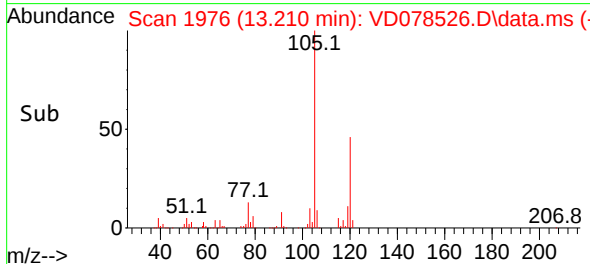
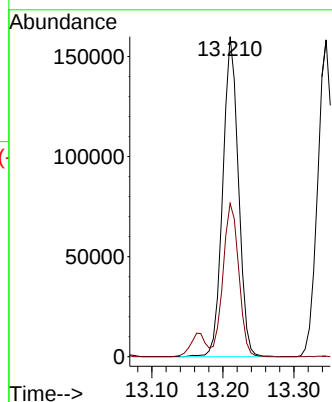
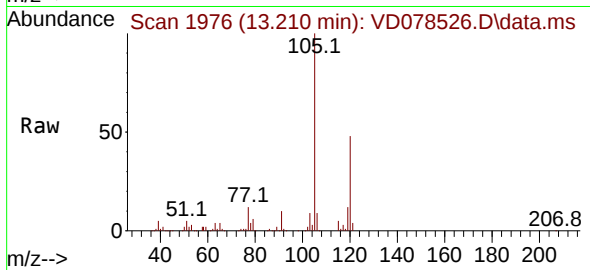
120 48.4 24.3 72.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#85

sec-Butylbenzene

Concen: 41.955 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078526.D

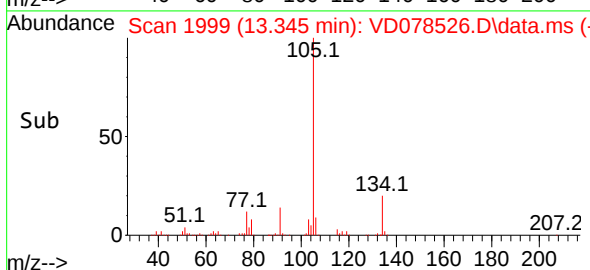
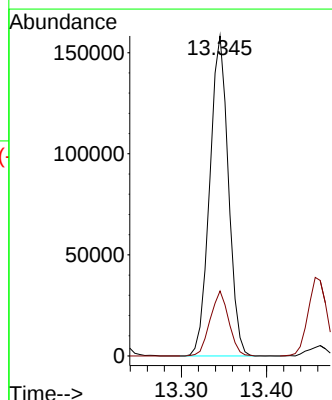
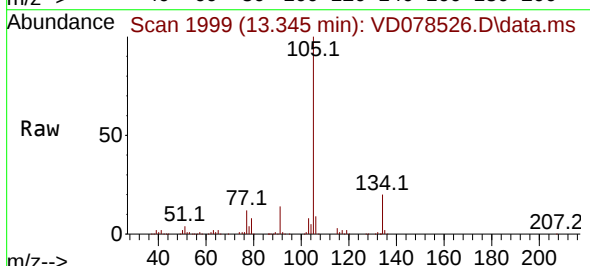
Acq: 22 Feb 2024 19:17

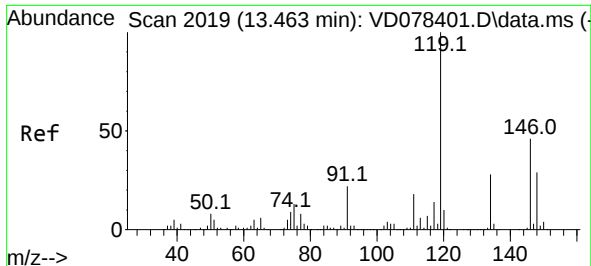
Tgt Ion:105 Resp: 241034

Ion Ratio Lower Upper

105 100

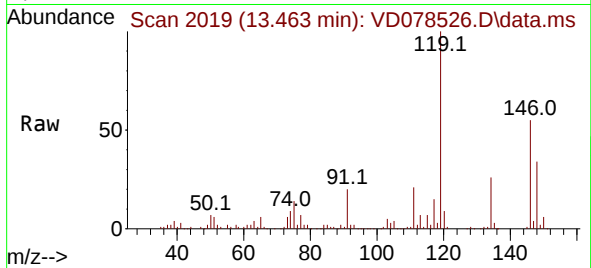
134 20.2 10.9 32.9





#86
p-Isopropyltoluene
Concen: 45.495 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

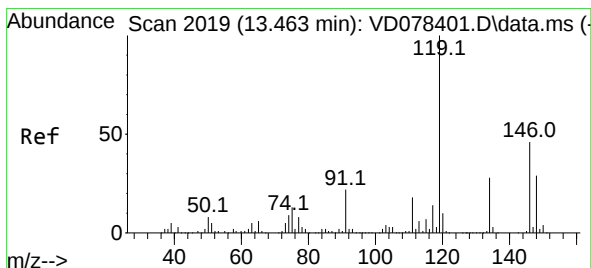
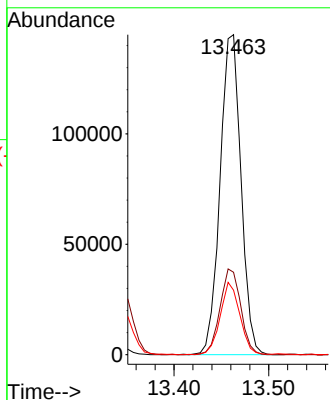
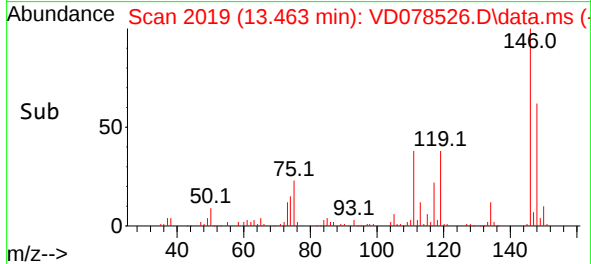
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



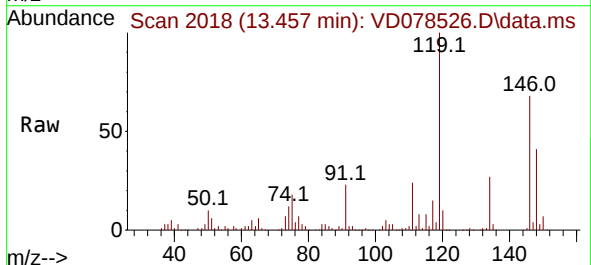
Tgt Ion:119 Resp: 22262
Ion Ratio Lower Upper
119 100
134 26.6 14.2 42.6
91 21.3 10.5 31.5

Manual Integrations
APPROVED

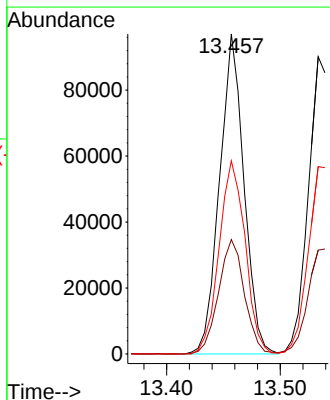
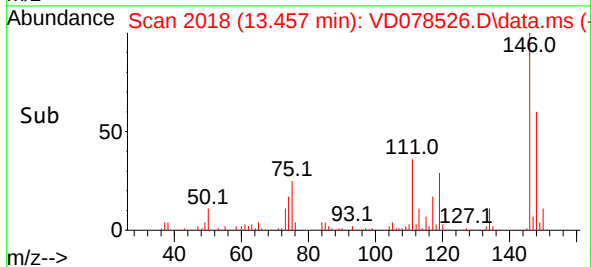
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

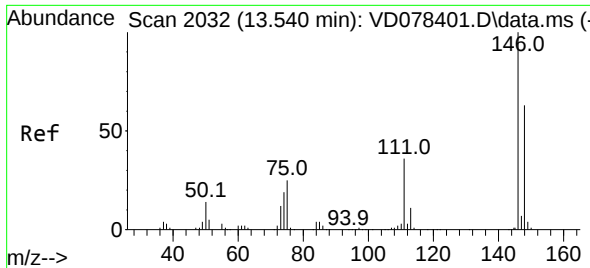


#87
1,3-Dichlorobenzene
Concen: 54.559 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17



Tgt Ion:146 Resp: 144763
Ion Ratio Lower Upper
146 100
111 38.0 17.9 53.8
148 64.5 32.3 96.8





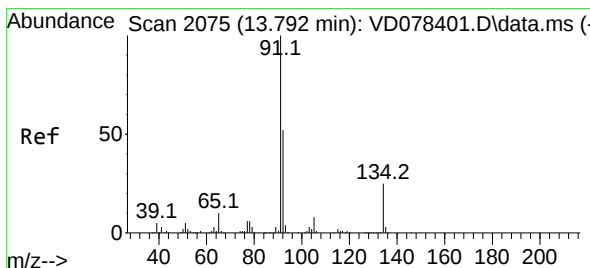
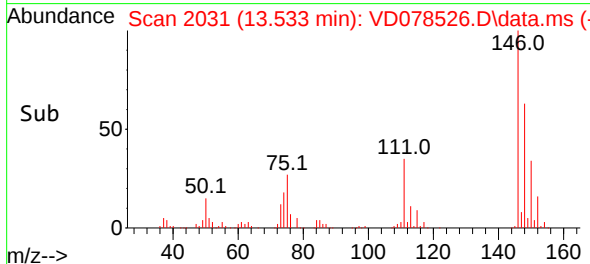
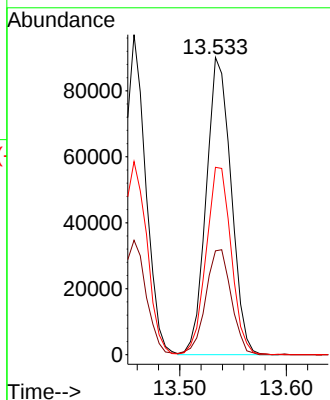
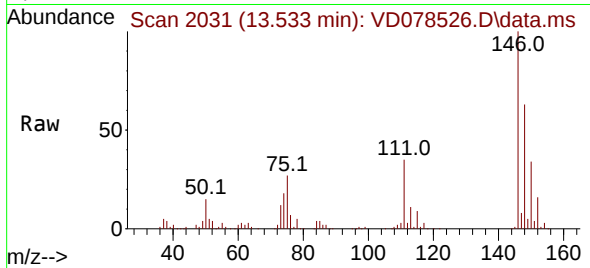
#88
1,4-Dichlorobenzene
Concen: 56.096 ug/l
RT: 13.533 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:146 Resp: 14624
Ion Ratio Lower Upper
146 100
111 36.3 17.4 52.3
148 63.6 31.7 95.1

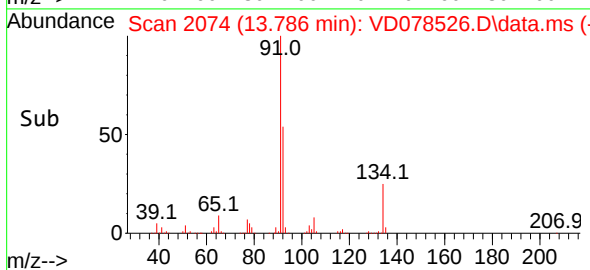
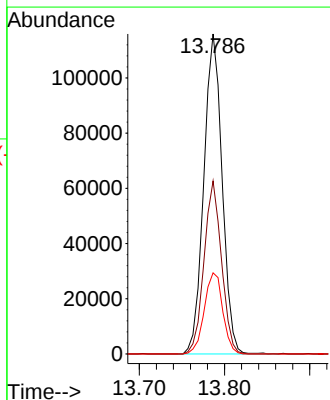
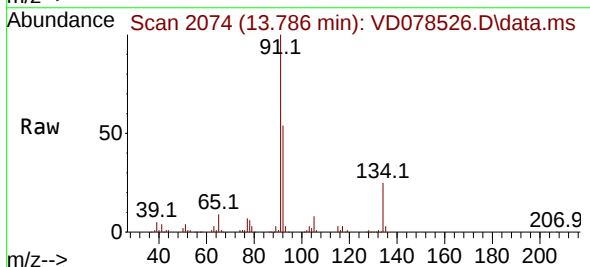
Manual Integrations
APPROVED

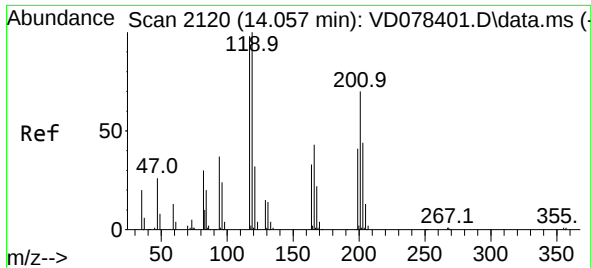
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#89
n-Butylbenzene
Concen: 36.731 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

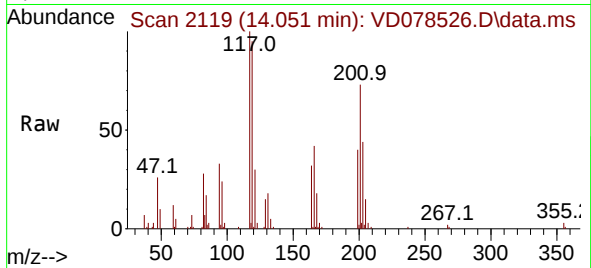
Tgt Ion: 91 Resp: 173242
Ion Ratio Lower Upper
91 100
92 51.4 26.5 79.5
134 25.5 13.8 41.3





#90
Hexachloroethane
Concen: 42.139 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

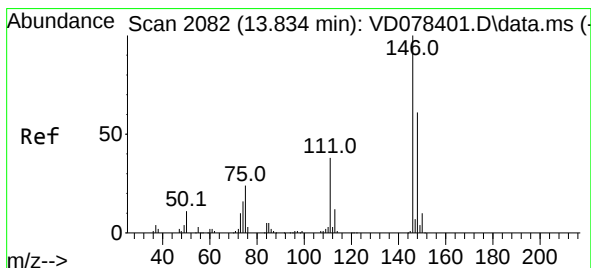
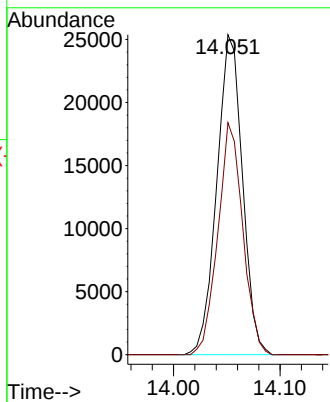
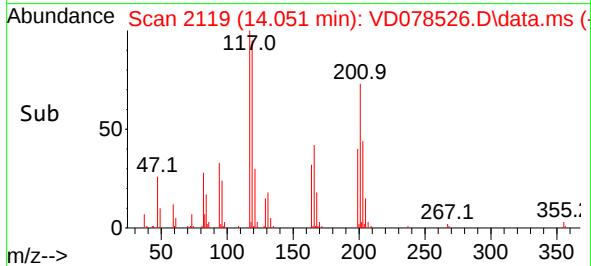
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:117 Resp: 4238
Ion Ratio Lower Upper
117 100
201 70.4 38.5 115.5

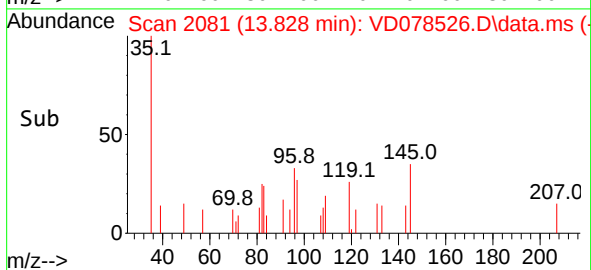
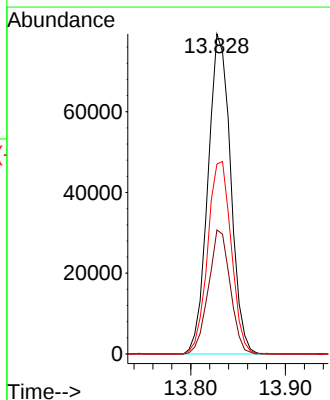
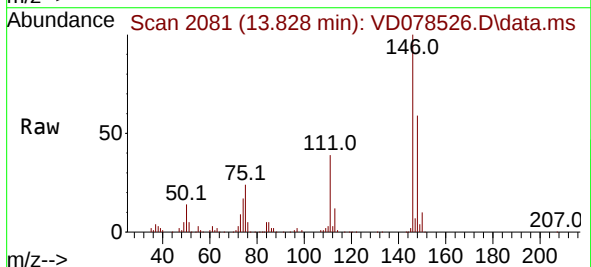
Manual Integrations
APPROVED

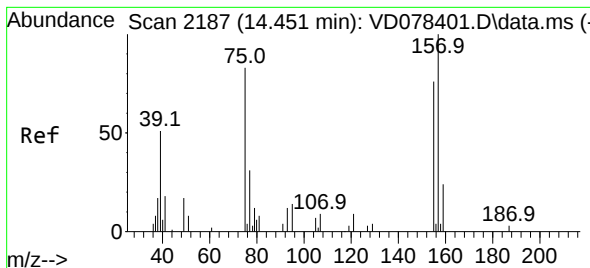
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#91
1,2-Dichlorobenzene
Concen: 59.021 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

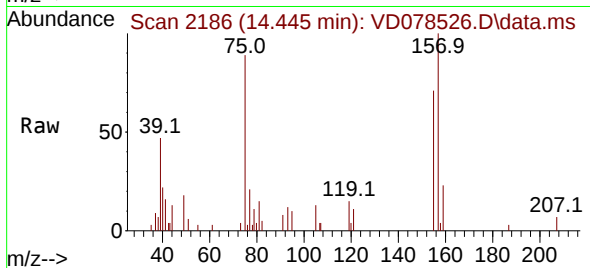
Tgt Ion:146 Resp: 131505
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 62.5 31.6 94.7





#92
1,2-Dibromo-3-Chloropropane
Concen: 49.433 ug/l
RT: 14.445 min Scan# 2187
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

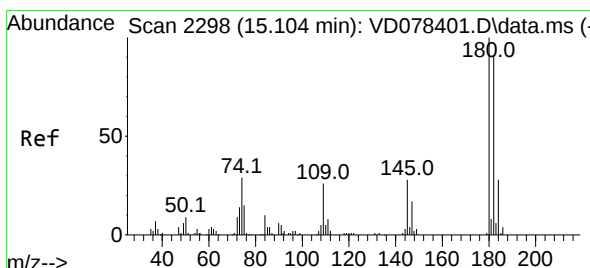
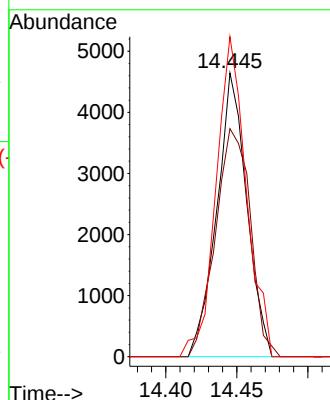
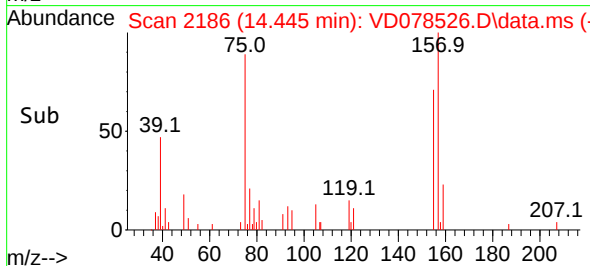
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 75 Resp: 6792
Ion Ratio Lower Upper
75 100
155 93.7 47.9 143.8
157 113.8 59.9 179.7

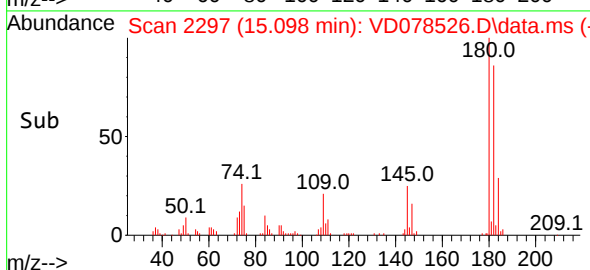
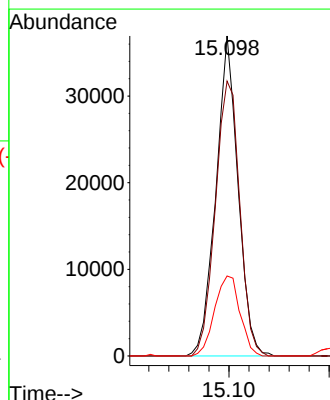
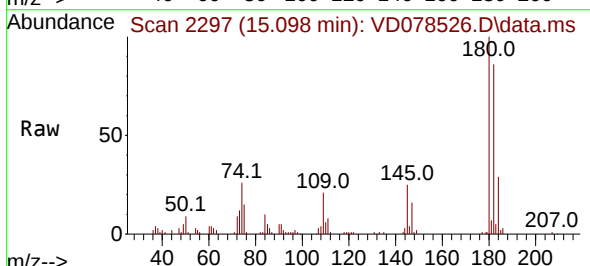
Manual Integrations
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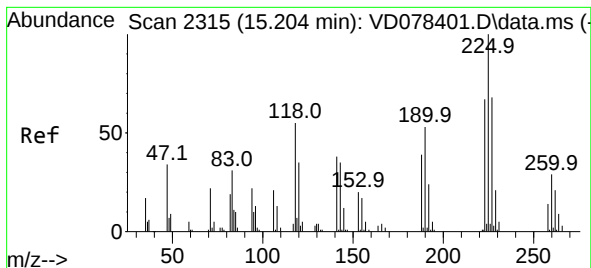
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#93
1,2,4-Trichlorobenzene
Concen: 43.255 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:180 Resp: 56641
Ion Ratio Lower Upper
180 100
182 94.4 48.5 145.6
145 28.6 14.2 42.6





#94

Hexachlorobutadiene

Concen: 18.539 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

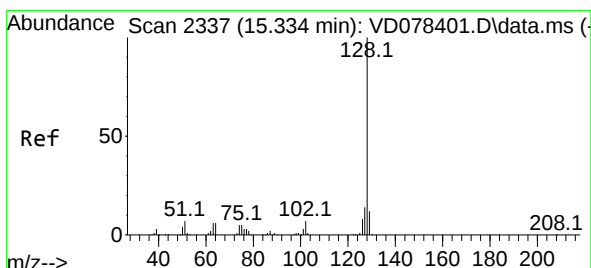
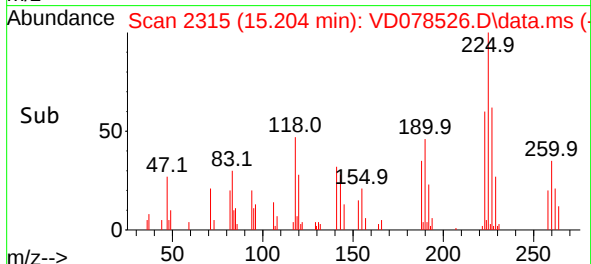
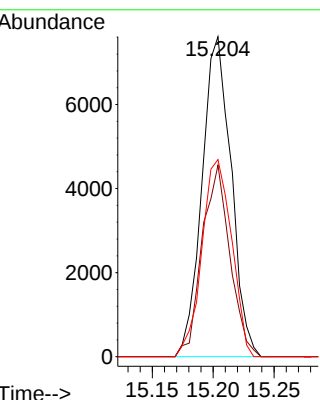
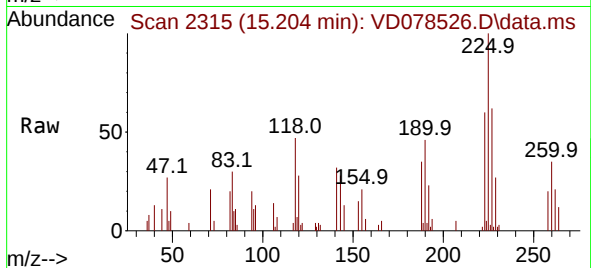
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:	225	Resp:	1267
Ion Ratio	Lower	Upper	
225	100		
223	57.2	31.6	94.8
227	62.9	31.7	95.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#95

Naphthalene

Concen: 64.699 ug/l

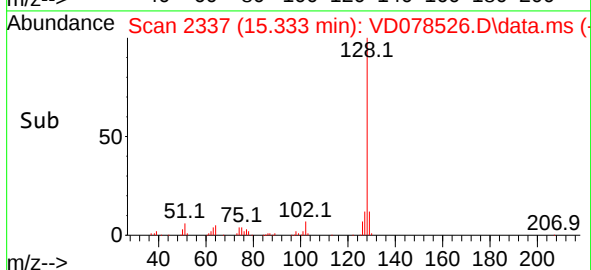
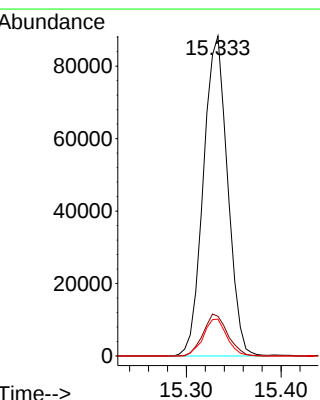
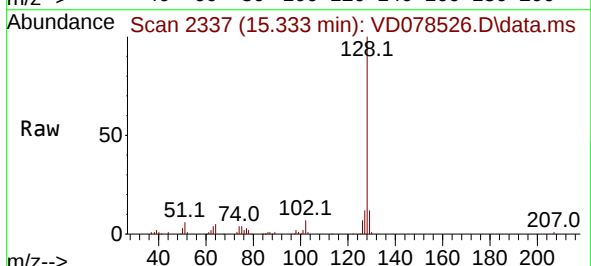
RT: 15.333 min Scan# 2337

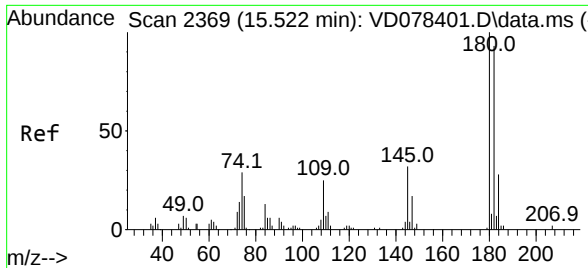
Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

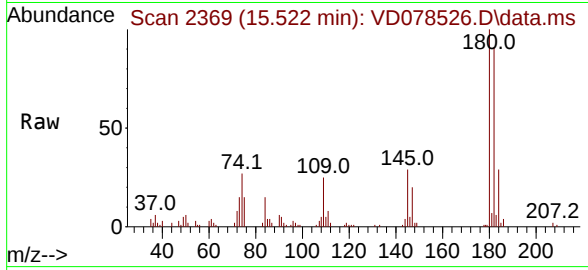
Tgt Ion:	128	Resp:	157137
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.5	15.7
129	11.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 44.506 ug/l
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:180	Resp:	4939
Ion Ratio	Lower	Upper
180	100	
182	97.6	47.3 141.9
145	30.4	15.1 45.3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

