

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078486.D
 Acq On : 20 Feb 2024 16:32
 Operator : RP/MD
 Sample : P1523-04MS
 Misc : 4.99G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03M

Quant Time: Feb 21 05:25:15 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	156948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	143656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52746	52.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.810	113	56503	56.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.360%	
50) Toluene-d8	10.269	98	207879	52.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	12.575	95	54232	46.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	54532	59.606	ug/l	93
3) Chloromethane	2.152	50	99101	58.942	ug/l	99
4) Vinyl Chloride	2.281	62	147451	57.473	ug/l	99
5) Bromomethane	2.693	94	96318	54.389	ug/l	97
6) Chloroethane	2.834	64	108232	57.853	ug/l	98
7) Trichlorofluoromethane	3.175	101	96860	55.966	ug/l	96
8) Diethyl Ether	3.593	74	29326	58.829	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	56532	51.778	ug/l	97
10) Methyl Iodide	4.169	142	62023	63.425	ug/l	91
11) Tert butyl alcohol	5.069	59	11949	218.889	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	56931	56.243	ug/l	95
13) Acrolein	3.804	56	4877	52.582	ug/l	89
14) Allyl chloride	4.563	41	68981	55.164	ug/l	92
15) Acrylonitrile	5.251	53	62962	295.046	ug/l	100
16) Acetone	4.022	43	79705	443.003	ug/l	91
17) Carbon Disulfide	4.275	76	197868	58.093	ug/l	99
18) Methyl Acetate	4.569	43	58061	76.590	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	132843	61.770	ug/l	93
20) Methylene Chloride	4.804	84	73400	65.496	ug/l	89
21) trans-1,2-Dichloroethene	5.310	96	66483	55.831	ug/l	91
22) Diisopropyl ether	6.210	45	170670	61.923	ug/l	96
23) Vinyl Acetate	6.157	43	280750	248.451	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	116226	59.528	ug/l	100
25) 2-Butanone	7.081	43	83009	331.446	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	93276	56.988	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	76252	58.364	ug/l	94
28) Bromochloromethane	7.428	49	34797	44.997	ug/l	88
29) Tetrahydrofuran	7.445	42	43650	292.349	ug/l	92
30) Chloroform	7.592	83	127095	61.524	ug/l	94
31) Cyclohexane	7.881	56	76258	44.902	ug/l	91
32) 1,1,1-Trichloroethane	7.792	97	102392	58.135	ug/l	100
36) 1,1-Dichloropropene	8.010	75	87376	56.417	ug/l	97
37) Ethyl Acetate	7.175	43	31824	58.617	ug/l #	92
38) Carbon Tetrachloride	7.992	117	87429	57.002	ug/l	97
39) Methylcyclohexane	9.275	83	67334	36.622	ug/l	97
40) Benzene	8.251	78	278243	62.155	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	17276	61.143	ug/l	95
42) 1,2-Dichloroethane	8.328	62	72056	62.208	ug/l	97
43) Isopropyl Acetate	8.357	43	60064	59.745	ug/l	97
44) Trichloroethene	9.028	130	67392	59.009	ug/l	94
45) 1,2-Dichloropropane	9.304	63	69477	63.256	ug/l	99
46) Dibromomethane	9.392	93	39536	63.996	ug/l	91
47) Bromodichloromethane	9.581	83	99263	64.870	ug/l	99
48) Methyl methacrylate	9.381	41	36294	68.047	ug/l	85
49) 1,4-Dioxane	9.387	88	5394	806.227	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	168769	316.295	ug/l	91
52) Toluene	10.334	92	174625	61.685	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	85408	61.170	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	104561	61.759	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	56321	67.696	ug/l	97
56) Ethyl methacrylate	10.598	69	44028	57.220	ug/l #	91
57) 1,3-Dichloropropane	10.875	76	91825	64.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	156975	346.338	ug/l	95
59) 2-Hexanone	10.922	43	119528	298.081	ug/l	92
60) Dibromochloromethane	11.075	129	65424	65.358	ug/l	97
61) 1,2-Dibromoethane	11.175	107	50816	65.060	ug/l	98
64) Tetrachloroethene	10.810	164	50401	55.546	ug/l	91
65) Chlorobenzene	11.604	112	173890	60.210	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	67511	63.609	ug/l	98
67) Ethyl Benzene	11.686	91	299154	57.811	ug/l	96
68) m/p-Xylenes	11.792	106	232122	115.000	ug/l	91
69) o-Xylene	12.122	106	108415	58.858	ug/l	94
70) Styrene	12.133	104	162529	54.065	ug/l	97
71) Bromoform	12.298	173	34337	61.466	ug/l #	99
73) Isopropylbenzene	12.422	105	251773	62.842	ug/l	95
74) N-amyl acetate	12.233	43	51579	68.051	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	58651	73.799	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	67816	133.881	ug/l #	100
77) Bromobenzene	12.698	156	64805	68.826	ug/l	90
78) n-propylbenzene	12.763	91	280711	56.223	ug/l	96
79) 2-Chlorotoluene	12.851	91	159663	59.706	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	189659	57.010	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	17095	70.063	ug/l	93
82) 4-Chlorotoluene	12.945	91	176118	61.321	ug/l	96
83) tert-Butylbenzene	13.163	119	145259	51.773	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	194073	57.480	ug/l	97
85) sec-Butylbenzene	13.345	105	192411	44.220	ug/l	95
86) p-Isopropyltoluene	13.457	119	168640	45.503	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	109736	54.606	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	113338	57.399	ug/l	100
89) n-Butylbenzene	13.786	91	126268	35.348	ug/l	98
90) Hexachloroethane	14.051	117	30264	39.731	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	97708	57.900	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6942	66.710	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	34449	34.735	ug/l	96
94) Hexachlorobutadiene	15.204	225	9635	18.612	ug/l	98
95) Naphthalene	15.327	128	81489	44.300	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.521	180	27167	32.322	ug/l	99

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Response via : Initial Calibration

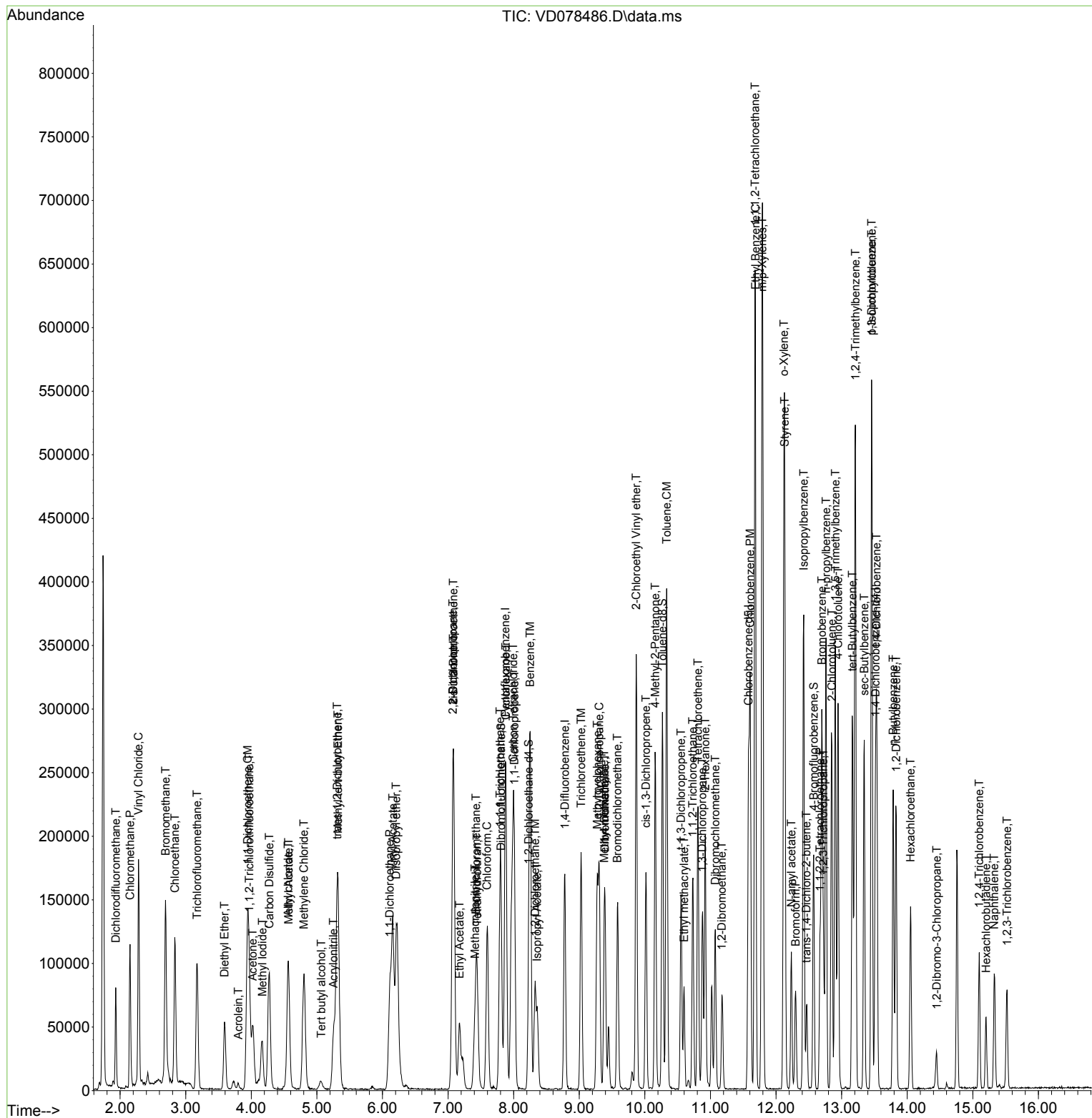
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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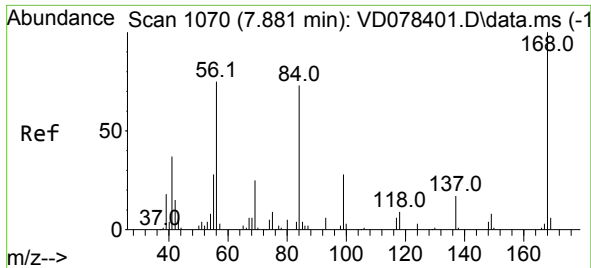
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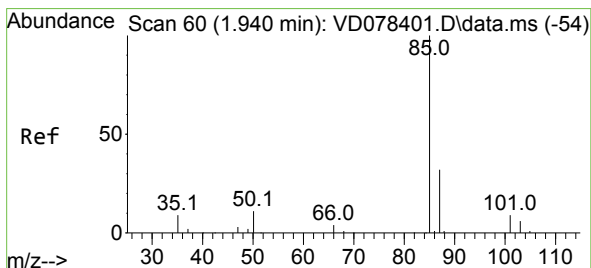
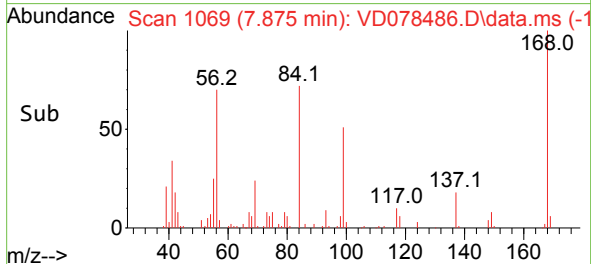
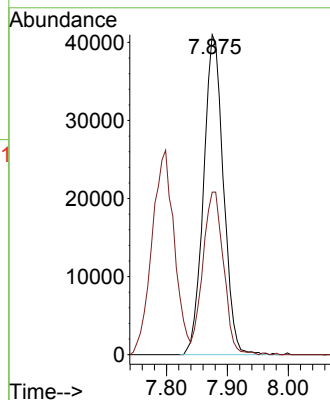
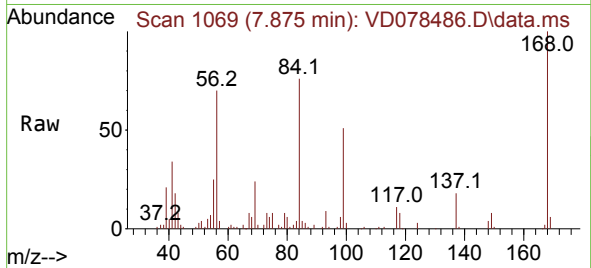




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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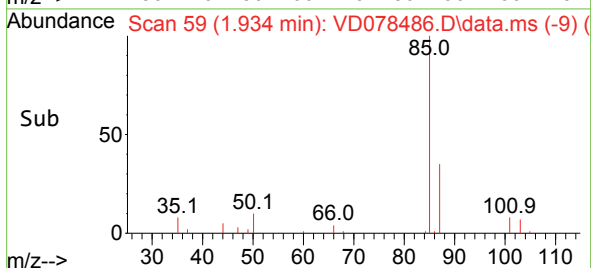
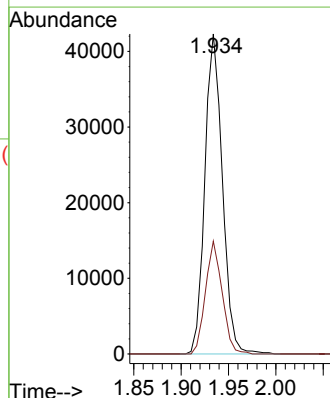
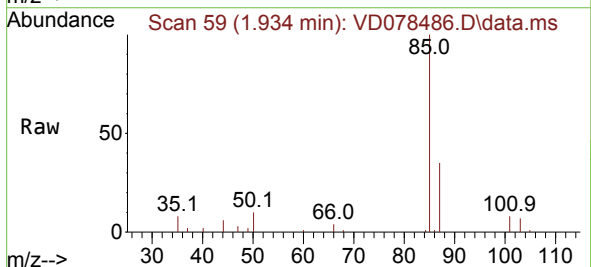
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

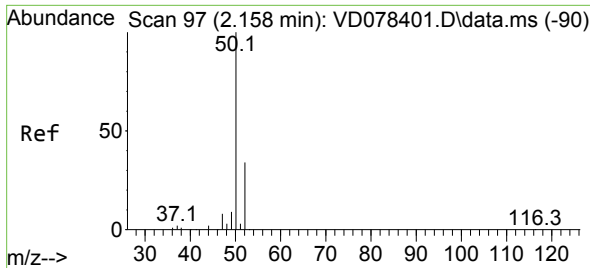
Tgt Ion:168 Resp: 92854
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 59.606 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 85 Resp: 54532
Ion Ratio Lower Upper
85 100
87 35.3 15.7 47.0

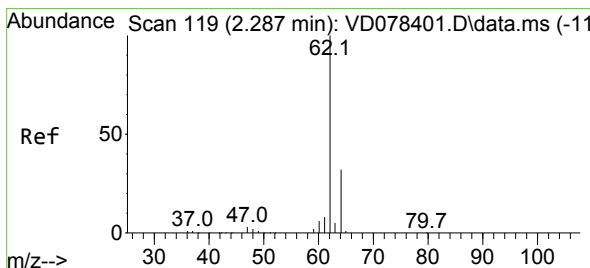
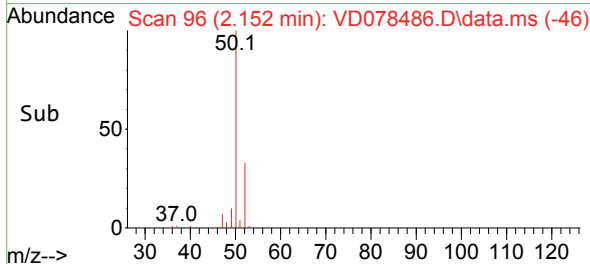
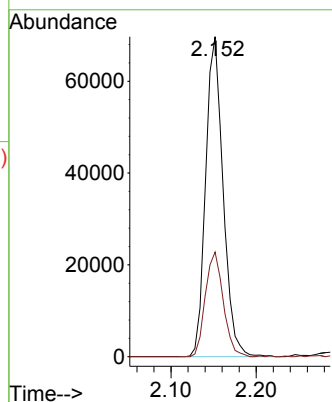
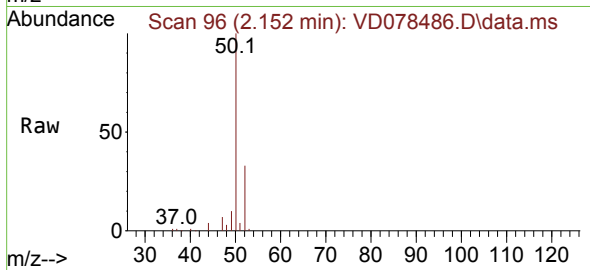




#3
Chloromethane
Concen: 58.942 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

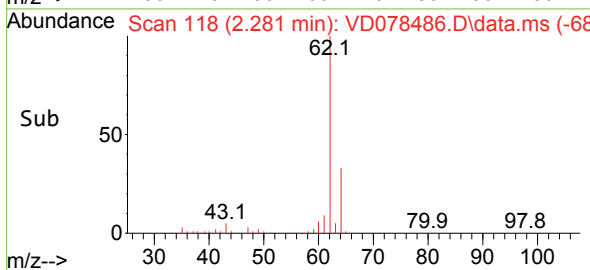
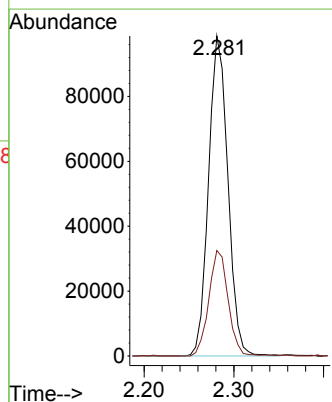
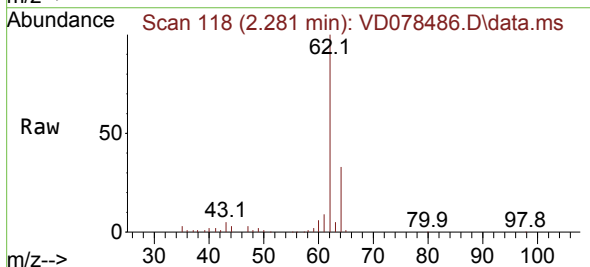
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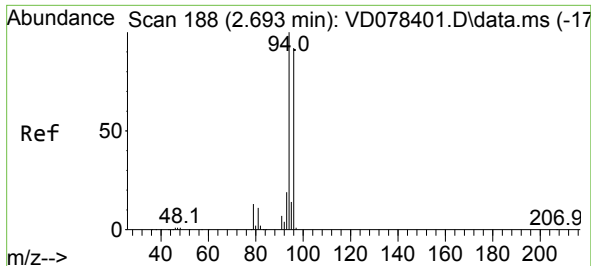
Tgt Ion: 50 Resp: 99101
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 57.473 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078486.D
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Tgt Ion: 62 Resp: 147451
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

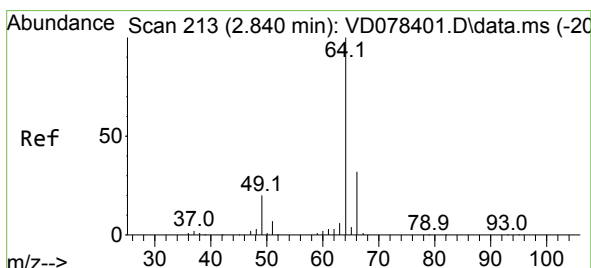
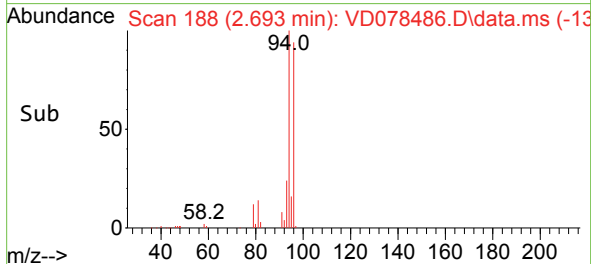
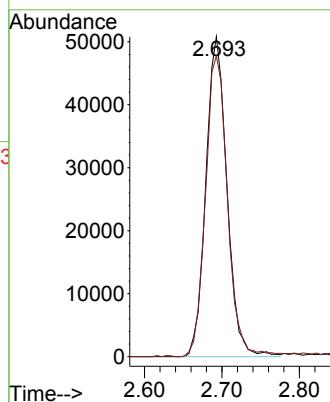
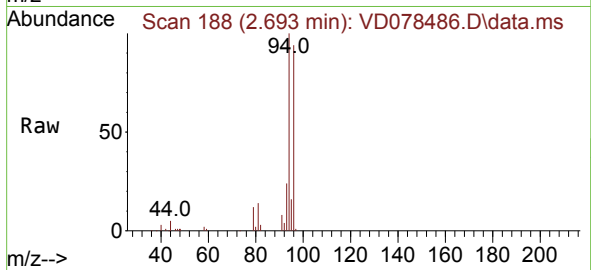




#5
Bromomethane
Concen: 54.389 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078486.D
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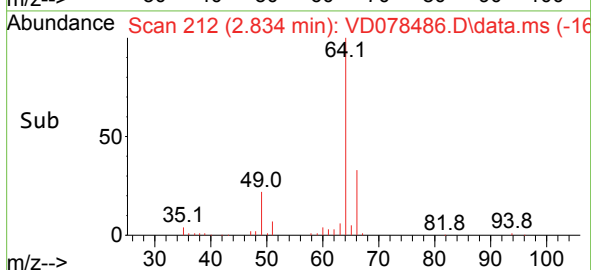
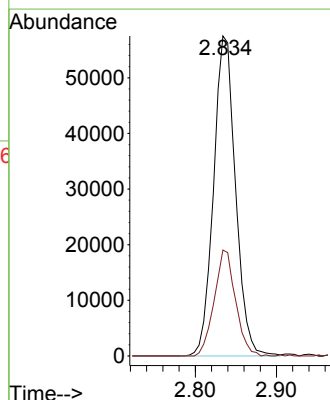
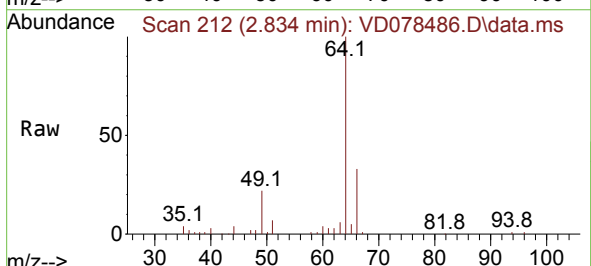
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Tgt Ion: 94 Resp: 96318
Ion Ratio Lower Upper
94 100
96 98.0 75.8 113.8



#6
Chloroethane
Concen: 57.853 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078486.D
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Tgt Ion: 64 Resp: 108232
Ion Ratio Lower Upper
64 100
66 33.1 25.5 38.3

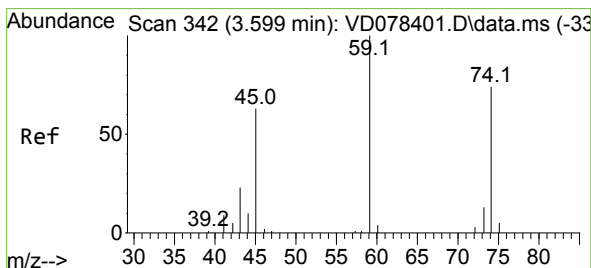
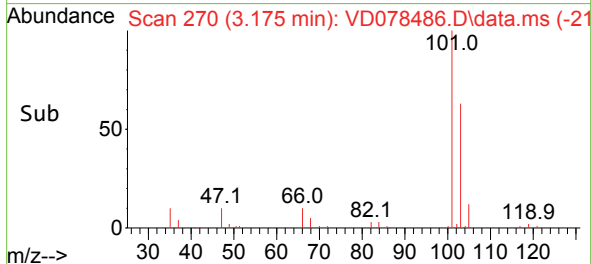
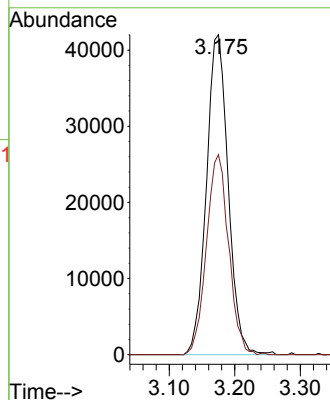
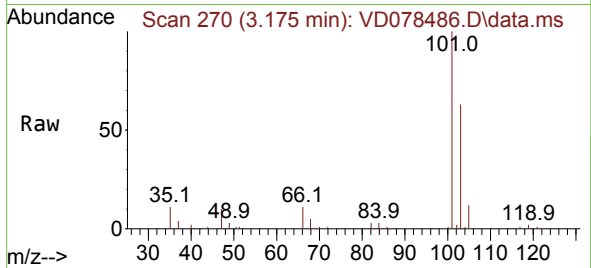




#7
Trichlorofluoromethane
Concen: 55.966 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

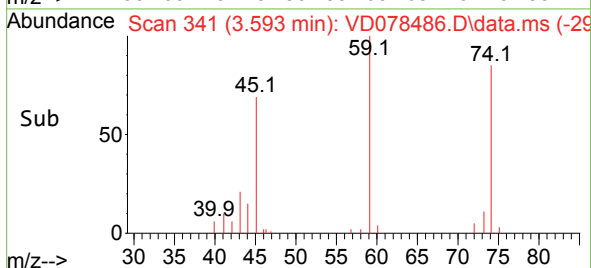
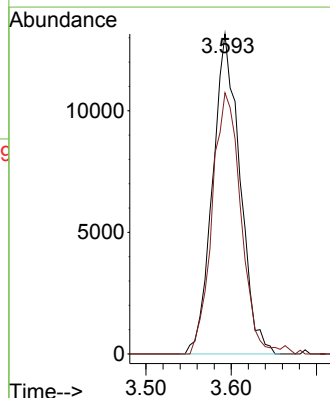
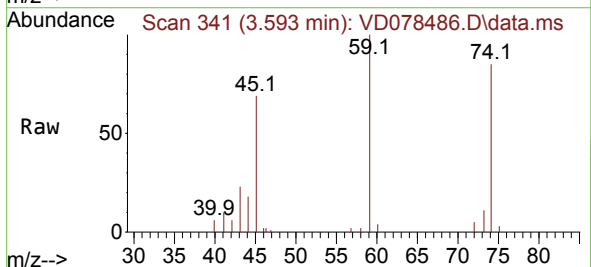
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Tgt Ion:101 Resp: 96860
Ion Ratio Lower Upper
101 100
103 62.5 52.3 78.5



#8
Diethyl Ether
Concen: 58.829 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078486.D
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Tgt Ion: 74 Resp: 29326
Ion Ratio Lower Upper
74 100
45 86.2 37.5 112.7

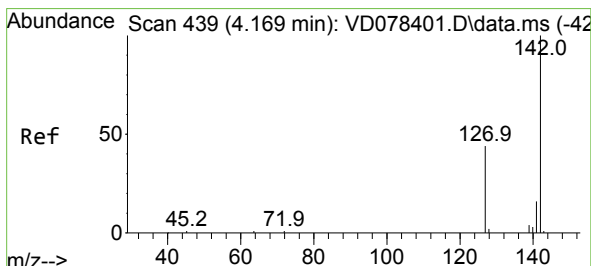
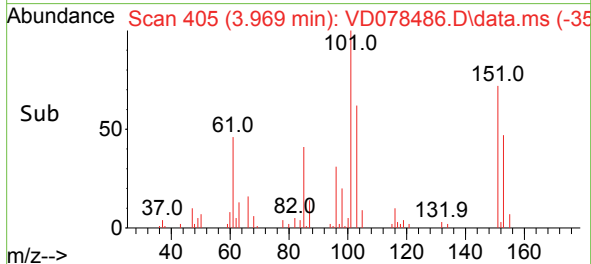
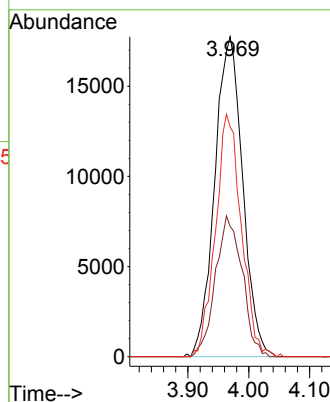
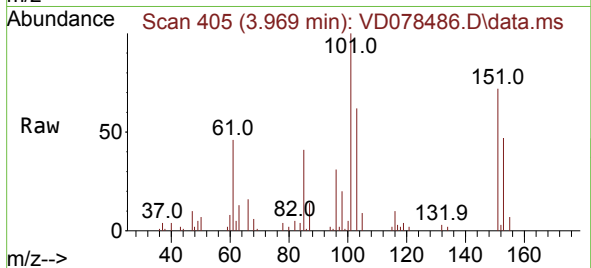




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.778 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

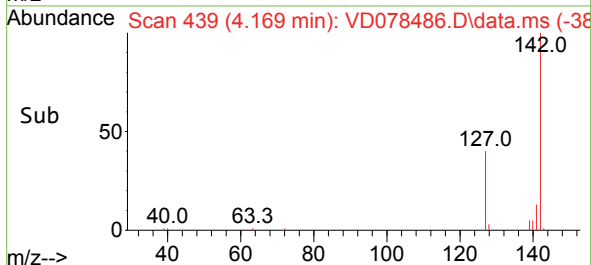
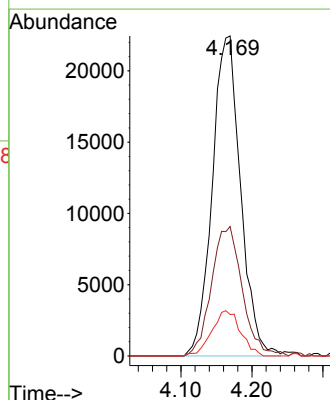
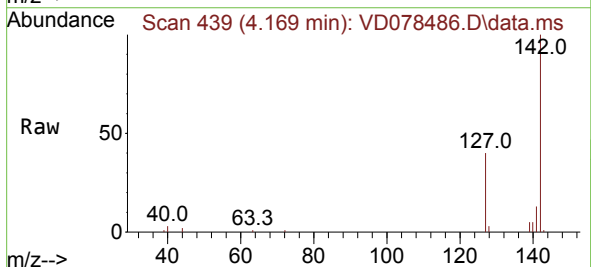
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

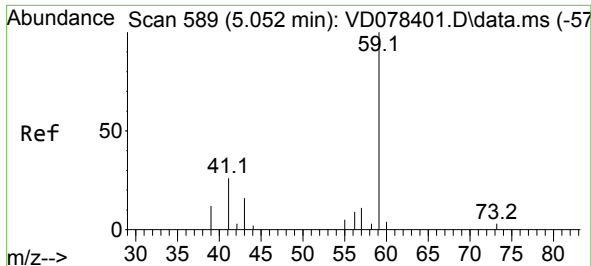
Tgt Ion:	101	Resp:	56532
Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.8	50.6
151	70.4	59.8	89.6



#10
Methyl Iodide
Concen: 63.425 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:	142	Resp:	62023
Ion	Ratio	Lower	Upper
142	100		
127	44.0	29.4	44.0
141	14.5	11.1	16.7

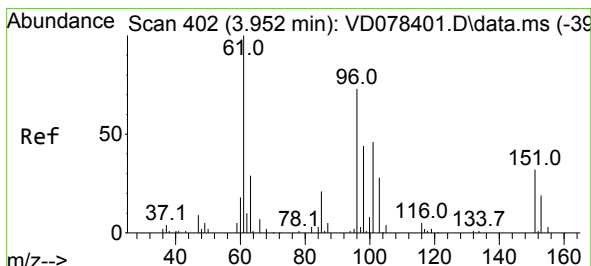
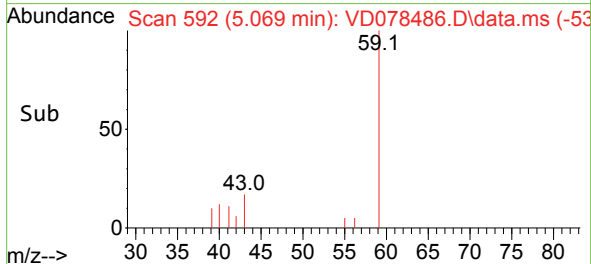
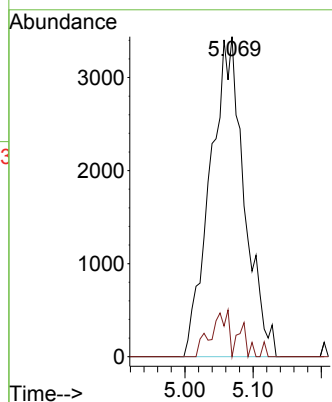
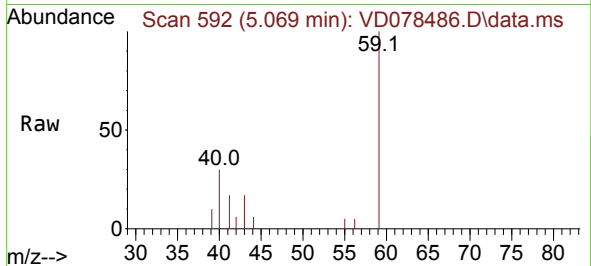




#11
Tert butyl alcohol
Concen: 218.889 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

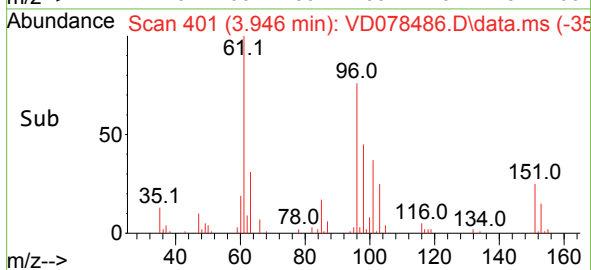
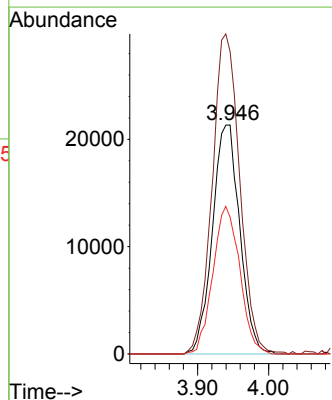
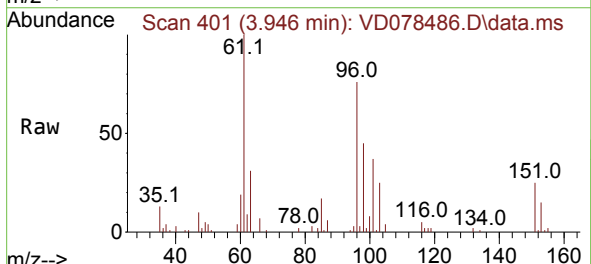
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

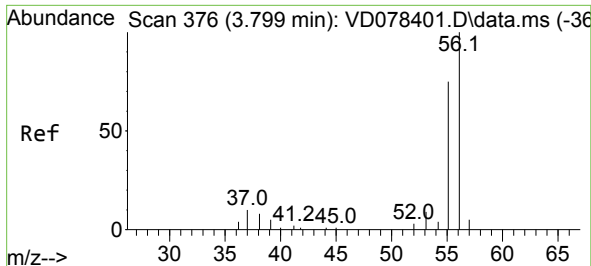
Tgt Ion: 59 Resp: 11949
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 56.243 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 96 Resp: 56931
Ion Ratio Lower Upper
96 100
61 132.0 100.6 150.8
98 59.7 50.2 75.2





#13

Acrolein

Concen: 52.582 ug/l

RT: 3.804 min Scan# 31

Delta R.T. 0.005 min

Lab File: VD078486.D

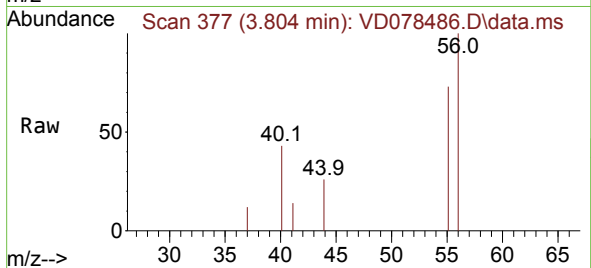
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M

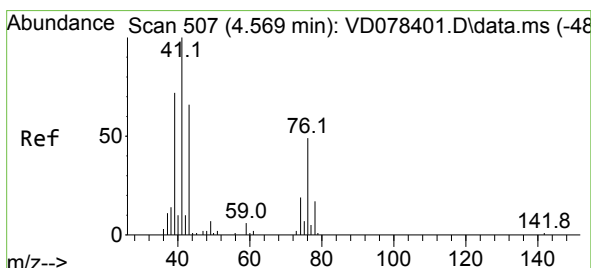
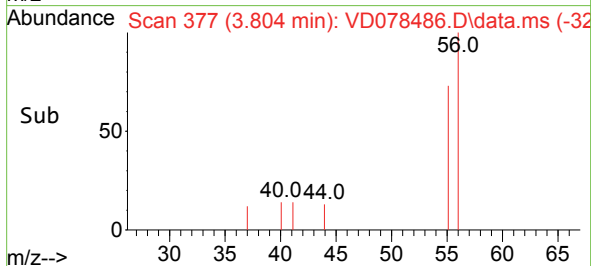
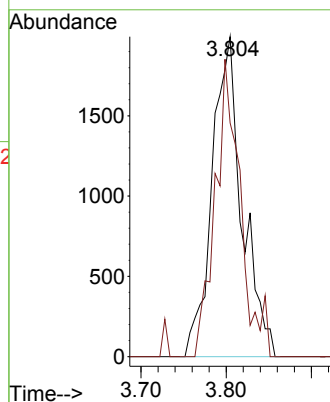


Tgt Ion: 56 Resp: 4877

Ion Ratio Lower Upper

56 100

55 77.8 55.1 82.7



#14

Allyl chloride

Concen: 55.164 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

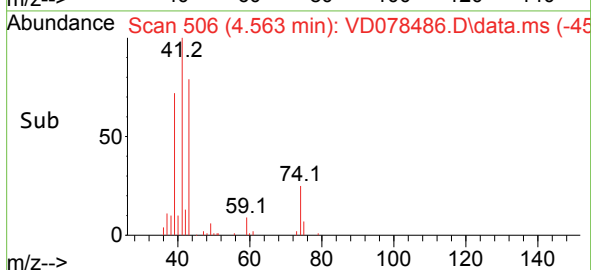
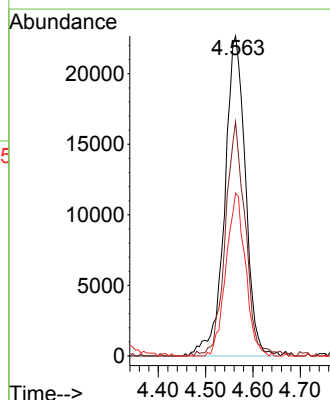
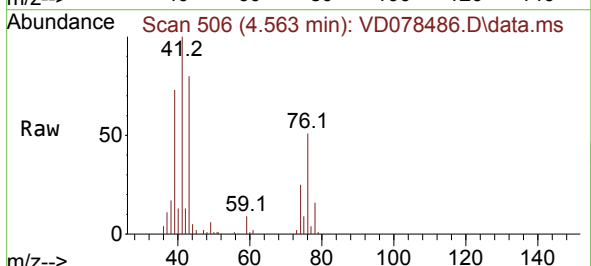
Tgt Ion: 41 Resp: 68981

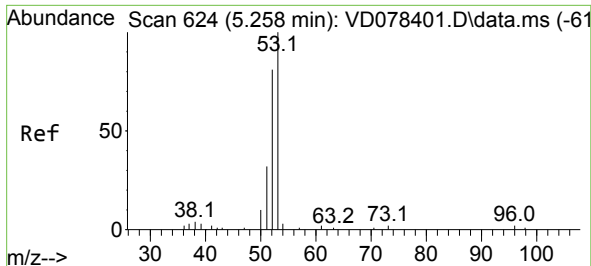
Ion Ratio Lower Upper

41 100

39 70.9 53.8 80.6

76 47.9 45.8 68.8

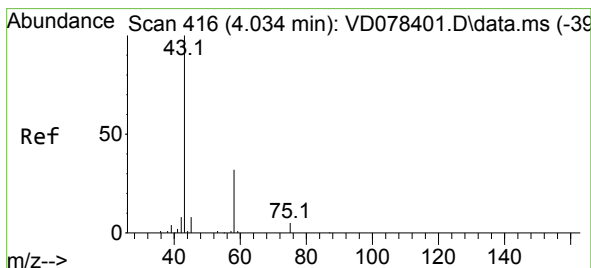
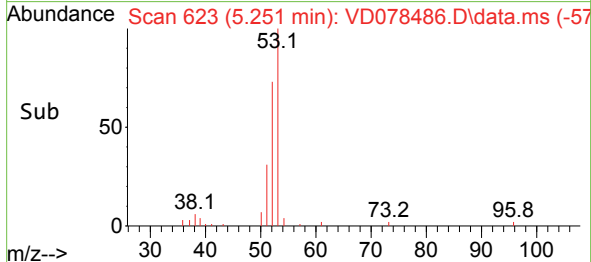
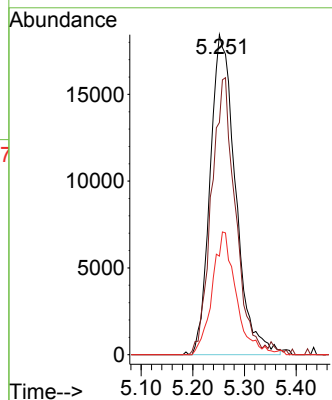
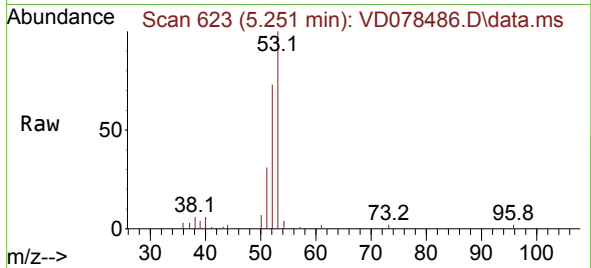




#15
Acrylonitrile
Concen: 295.046 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

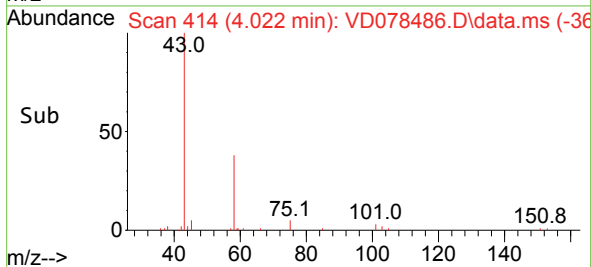
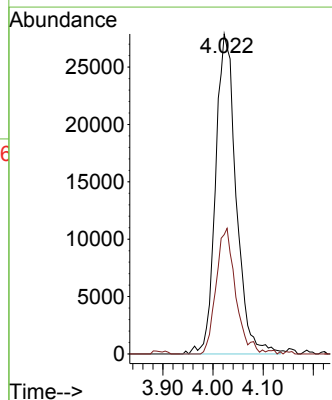
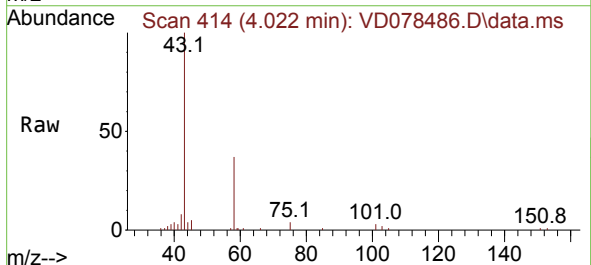
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

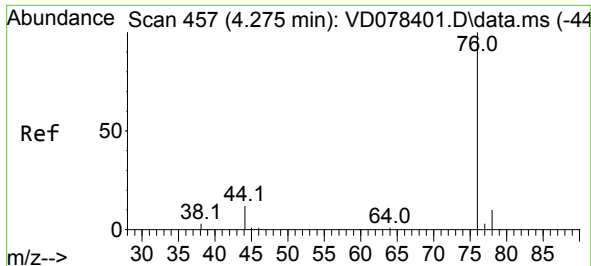
Tgt Ion:	53	Resp:	62962
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.0	97.4
51	36.1	28.3	42.5



#16
Acetone
Concen: 443.003 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:	43	Resp:	79705
Ion	Ratio	Lower	Upper
43	100		
58	37.3	34.7	52.1

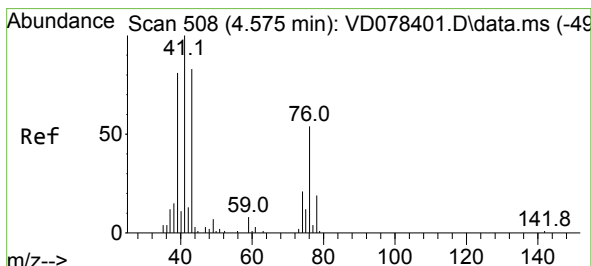
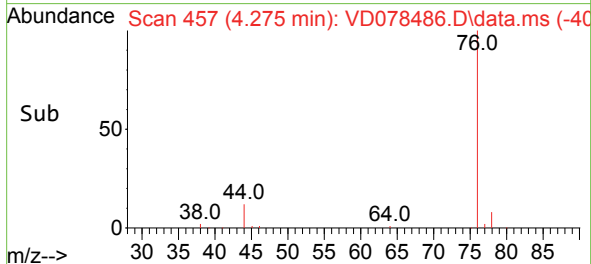
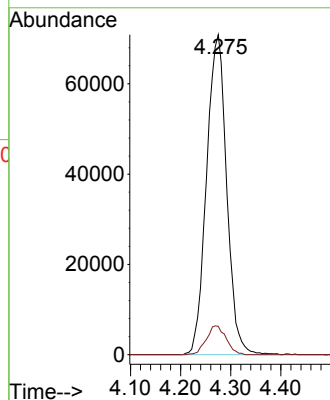
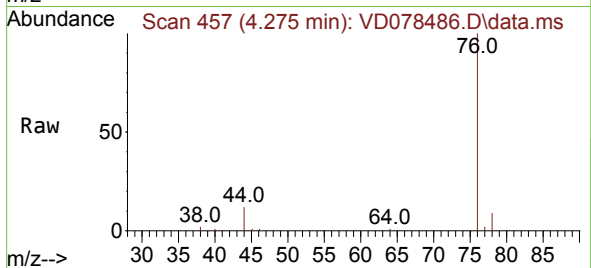




#17
Carbon Disulfide
Concen: 58.093 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

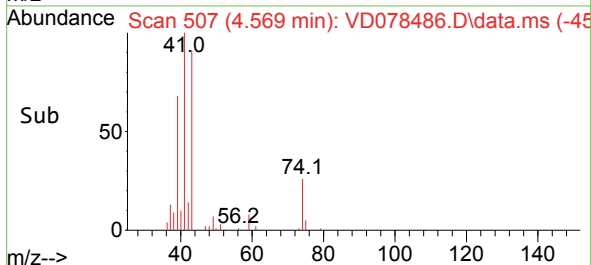
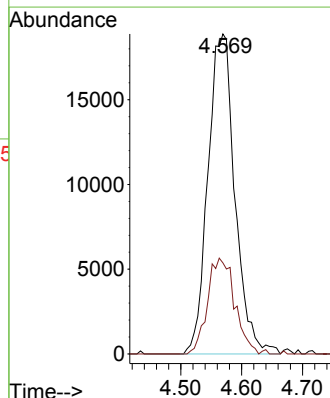
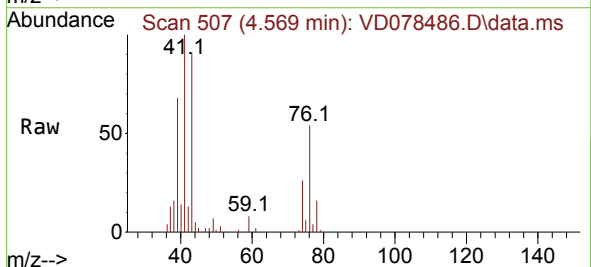
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

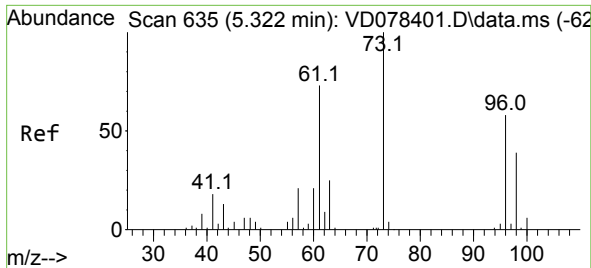
Tgt Ion: 76 Resp: 197868
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 76.590 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 43 Resp: 58061
Ion Ratio Lower Upper
43 100
74 30.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 61.770 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

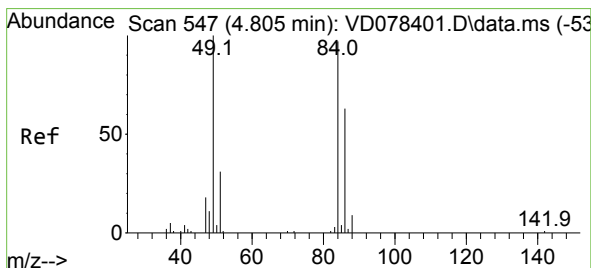
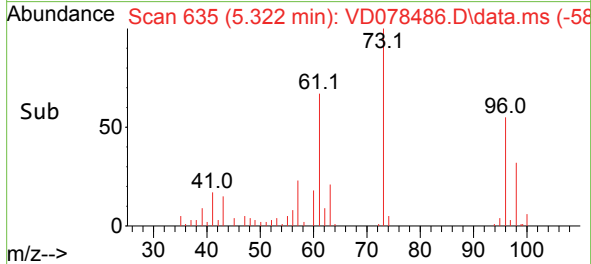
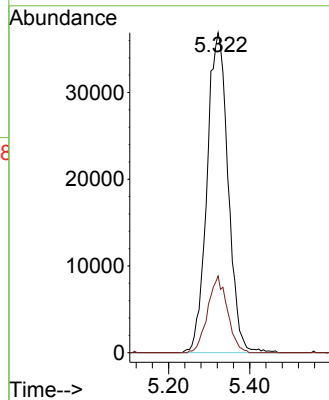
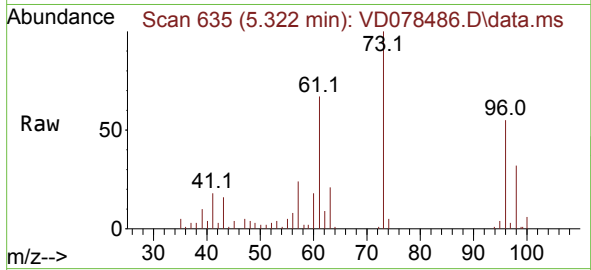
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 73 Resp: 132843

Ion Ratio Lower Upper

73 100

57 24.0 16.6 25.0



#20

Methylene Chloride

Concen: 65.496 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.001 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Tgt Ion: 84 Resp: 73400

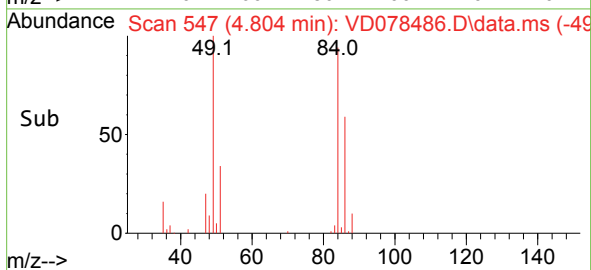
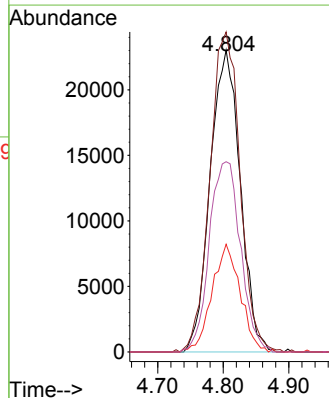
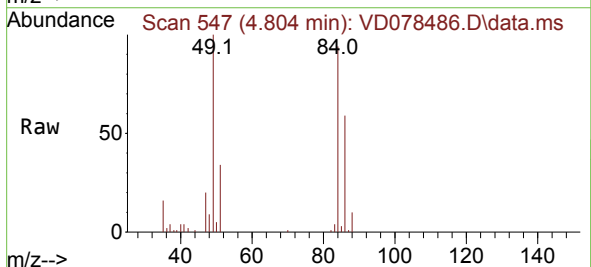
Ion Ratio Lower Upper

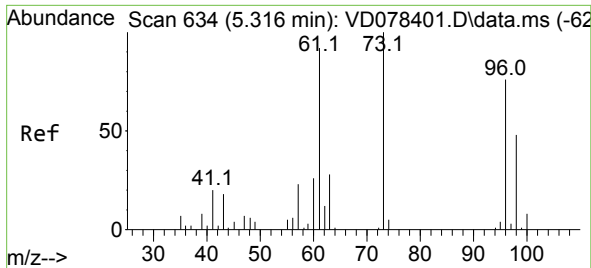
84 100

49 106.0 71.4 107.2

51 35.7 24.5 36.7

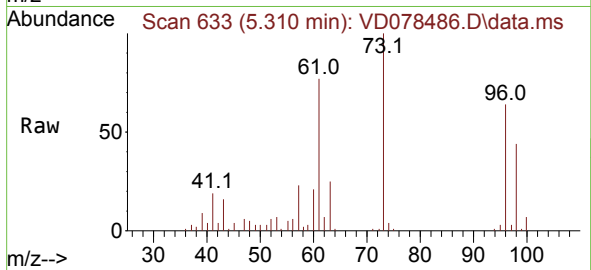
86 63.0 48.7 73.1



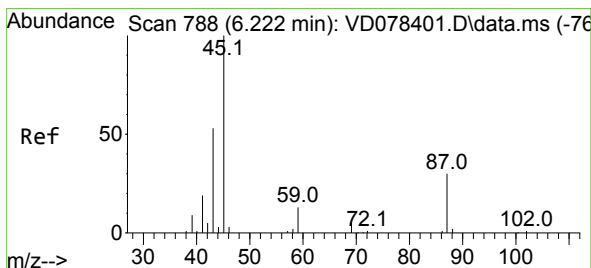
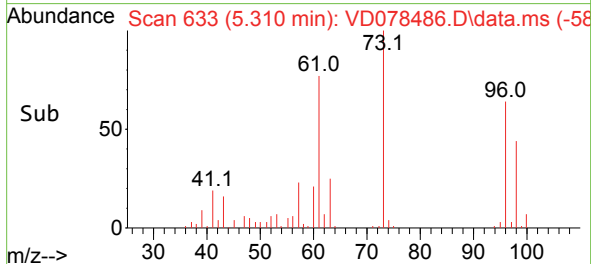
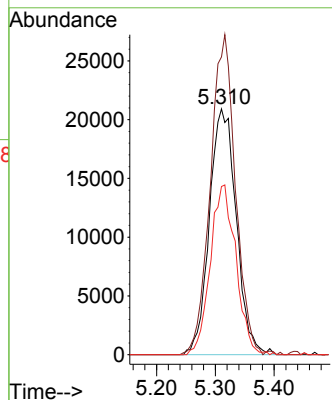


#21
trans-1,2-Dichloroethene
Concen: 55.831 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

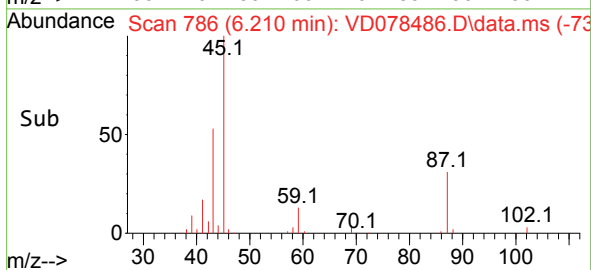
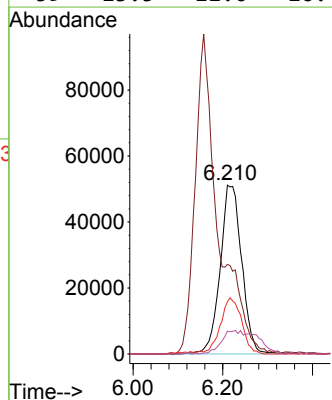
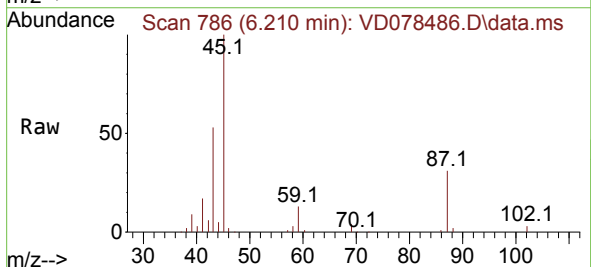


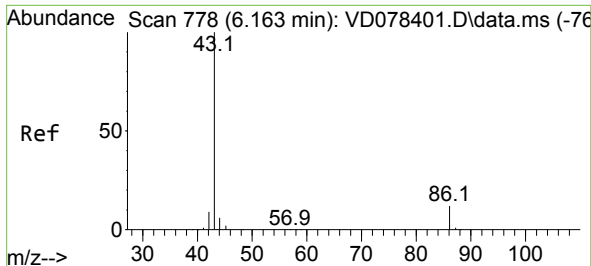
Tgt Ion:	96	Resp:	66483
Ion	Ratio	Lower	Upper
96	100		
61	121.2	89.3	133.9
98	68.4	48.6	73.0



#22
Diisopropyl ether
Concen: 61.923 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:	45	Resp:	170670
Ion	Ratio	Lower	Upper
45	100		
43	52.2	40.0	60.0
87	30.9	28.2	42.4
59	13.5	11.0	16.4

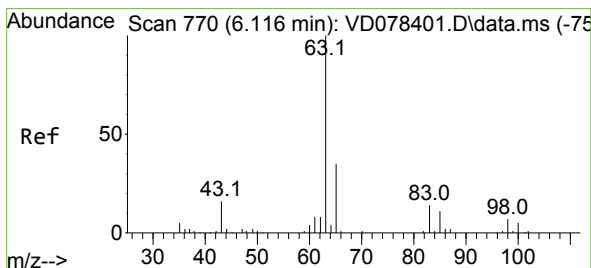
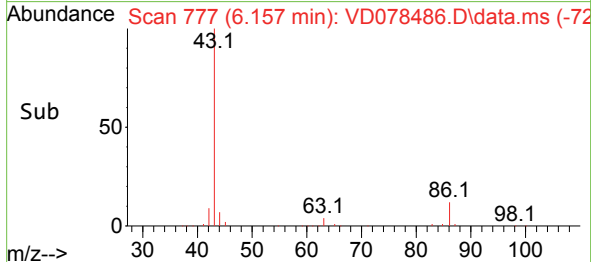
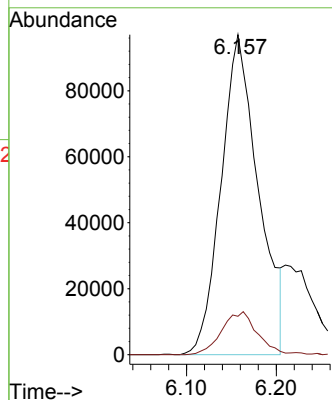
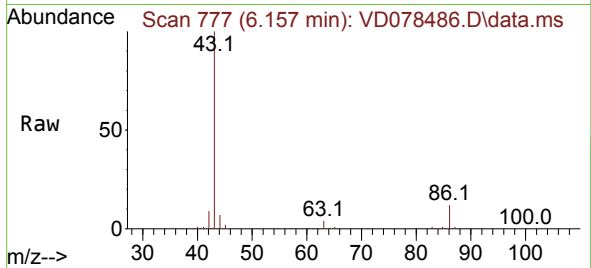




#23
 Vinyl Acetate
 Concen: 248.451 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078486.D
 Acq: 20 Feb 2024 16:32

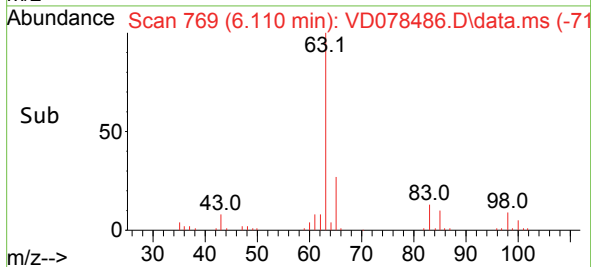
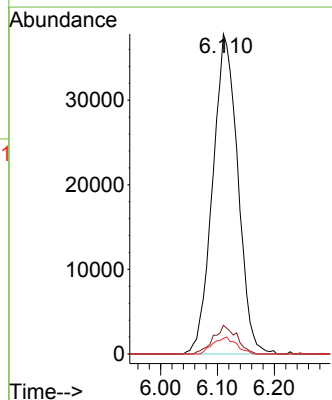
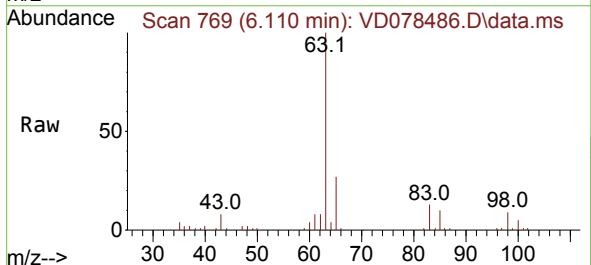
Instrument :
 MSVOA_D
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03M

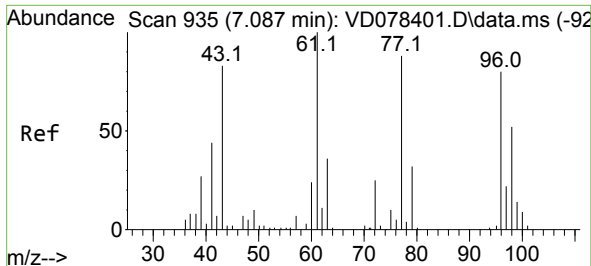
Tgt Ion: 43 Resp: 280750
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 59.528 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078486.D
 Acq: 20 Feb 2024 16:32

Tgt Ion: 63 Resp: 116226
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 4.9 2.5 7.5

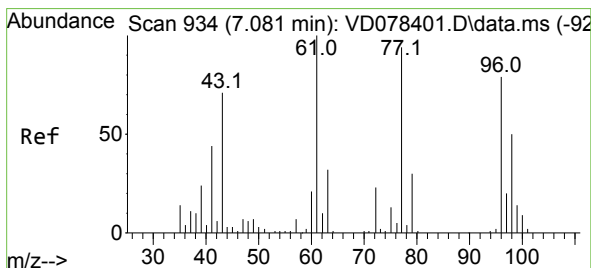
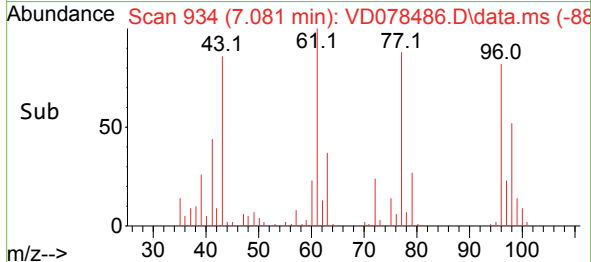
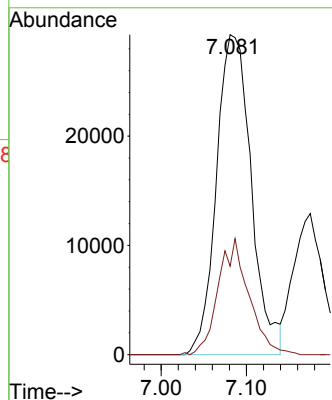
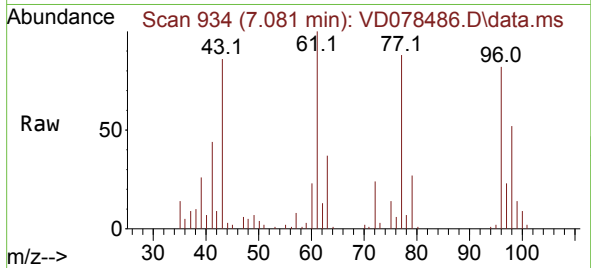




#25
2-Butanone
Concen: 331.446 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

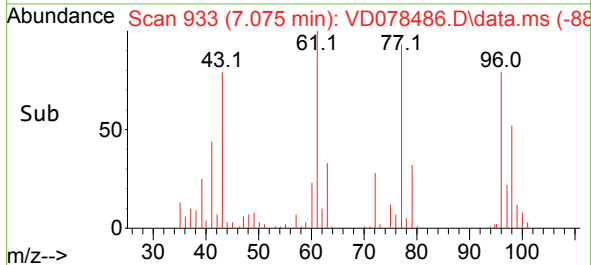
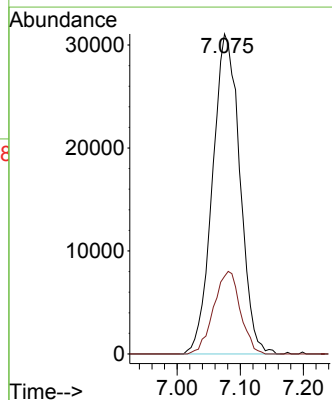
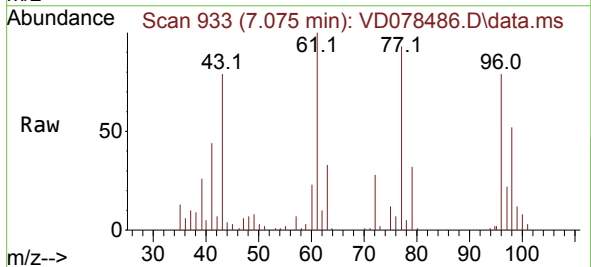
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 43 Resp: 83009
Ion Ratio Lower Upper
43 100
72 27.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 56.988 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 77 Resp: 93276
Ion Ratio Lower Upper
77 100
97 25.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 58.364 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078486.D

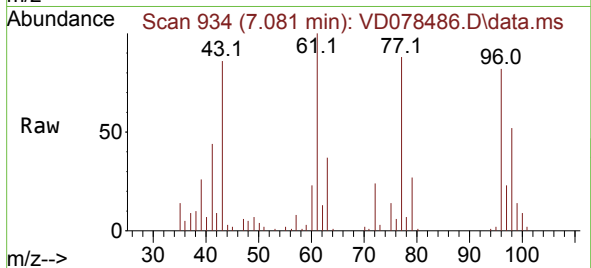
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M



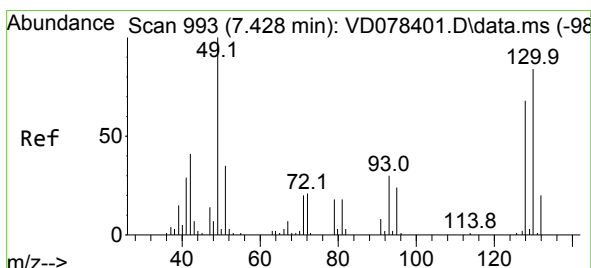
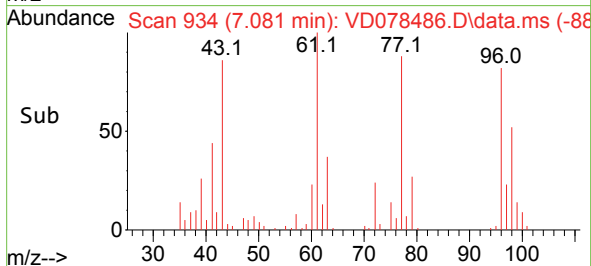
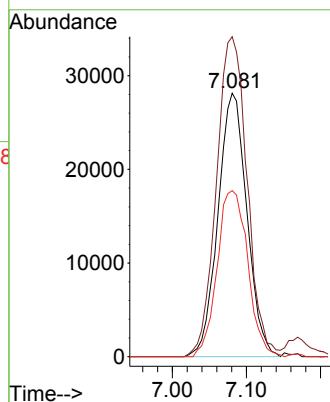
Tgt Ion: 96 Resp: 76252

Ion Ratio Lower Upper

96 100

61 128.7 0.0 239.2

98 66.6 0.0 128.6



#28

Bromochloromethane

Concen: 44.997 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

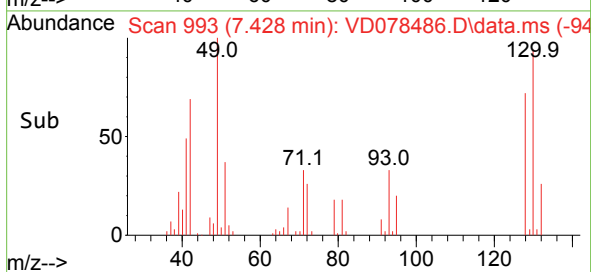
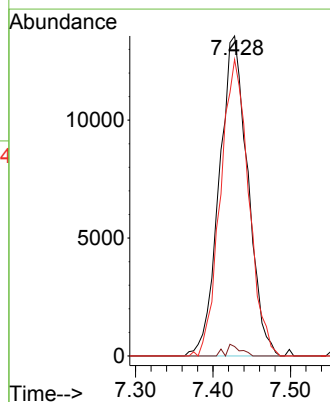
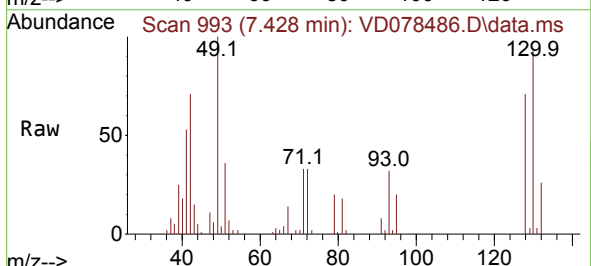
Tgt Ion: 49 Resp: 34797

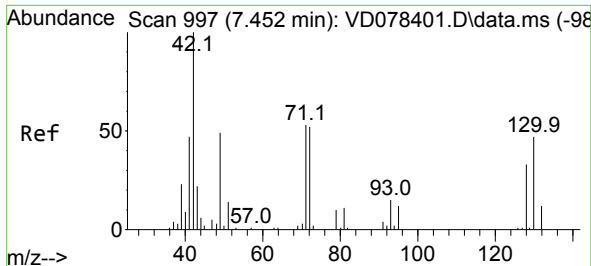
Ion Ratio Lower Upper

49 100

129 1.8 0.0 6.0

130 91.5 83.2 124.8

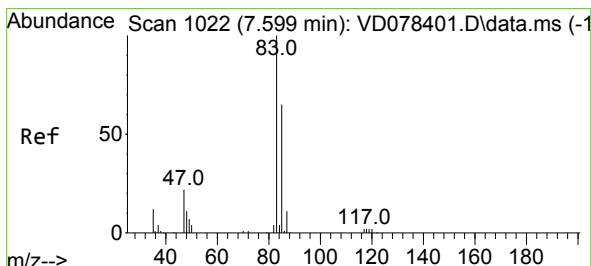
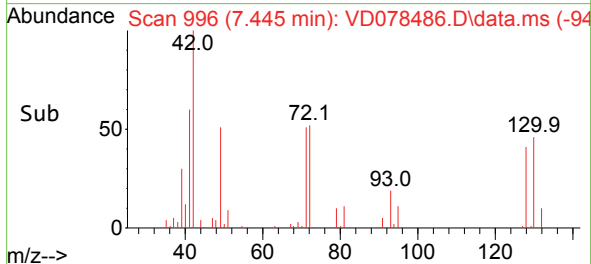
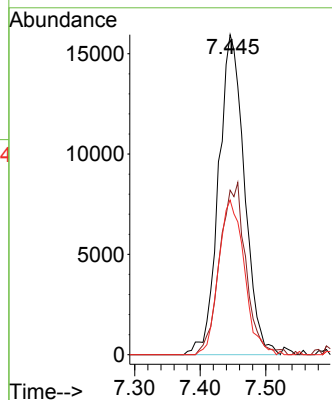
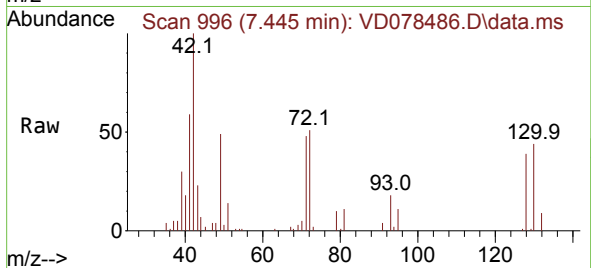




#29
Tetrahydrofuran
Concen: 292.349 ug/l
RT: 7.445 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

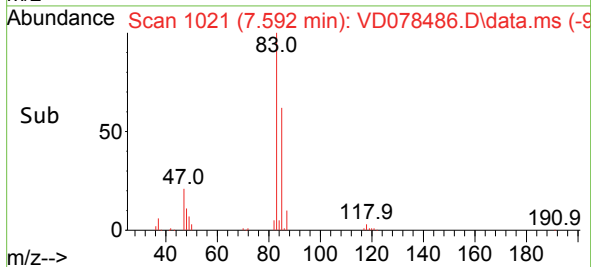
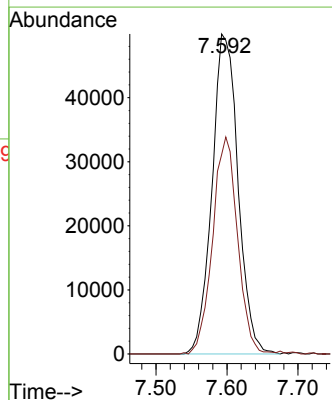
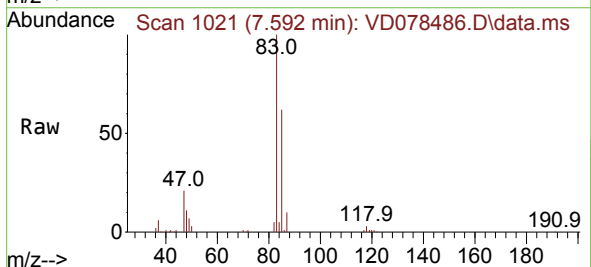
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

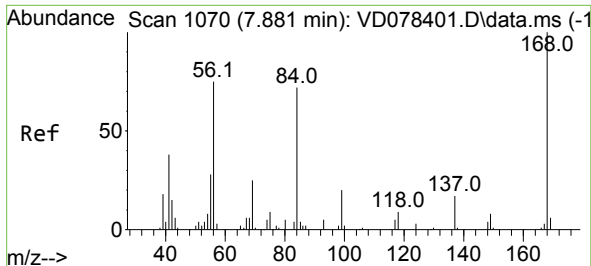
Tgt Ion: 42 Resp: 43650
Ion Ratio Lower Upper
42 100
72 54.2 46.5 69.7
71 48.3 44.5 66.7



#30
Chloroform
Concen: 61.524 ug/l
RT: 7.592 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 83 Resp: 127095
Ion Ratio Lower Upper
83 100
85 62.3 53.4 80.2

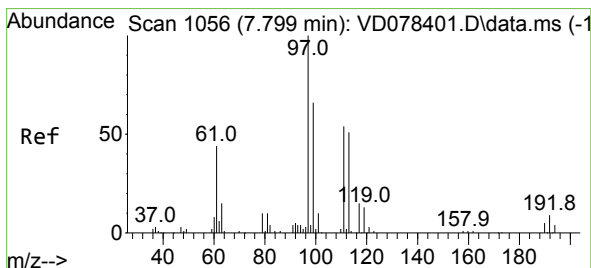
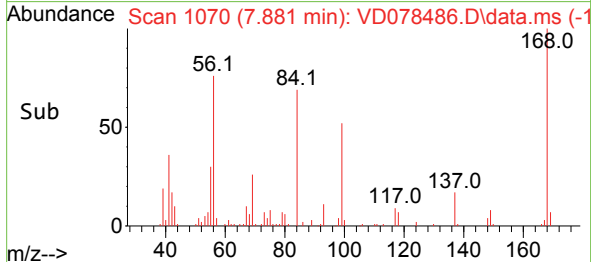
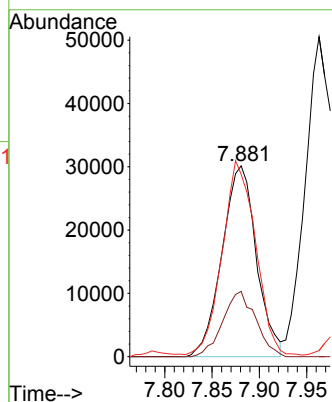
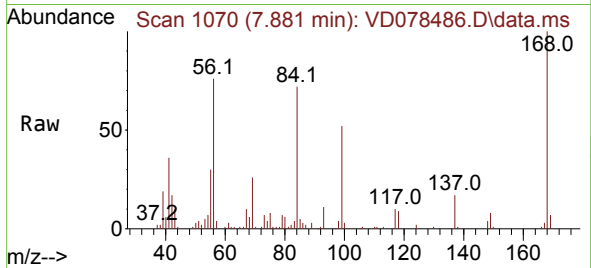




#31
Cyclohexane
Concen: 44.902 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

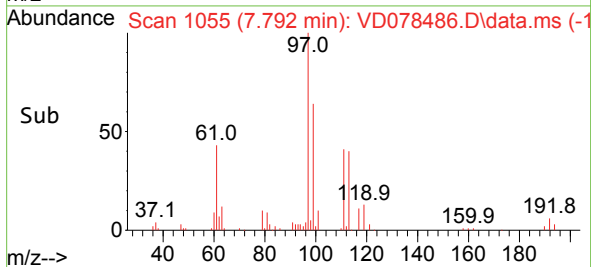
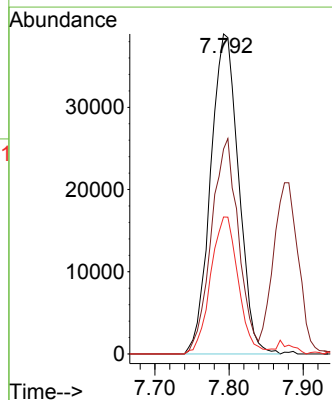
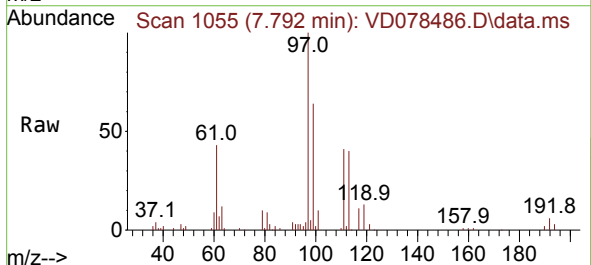
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

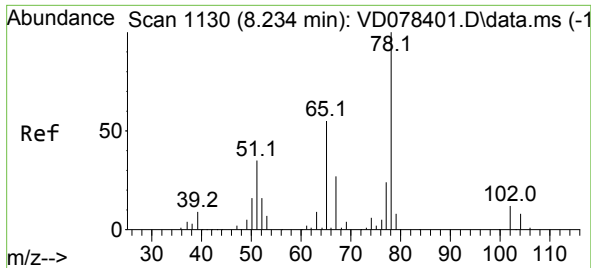
Tgt Ion: 56 Resp: 76258
Ion Ratio Lower Upper
56 100
69 34.2 28.6 43.0
84 94.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 58.135 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 97 Resp: 102392
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 42.1 33.8 50.8

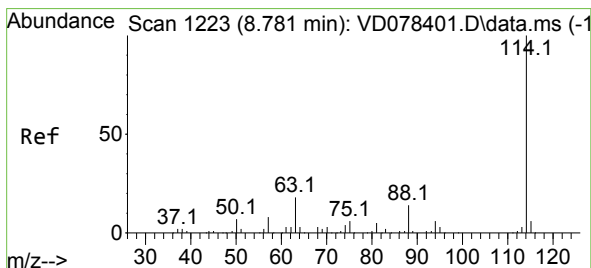
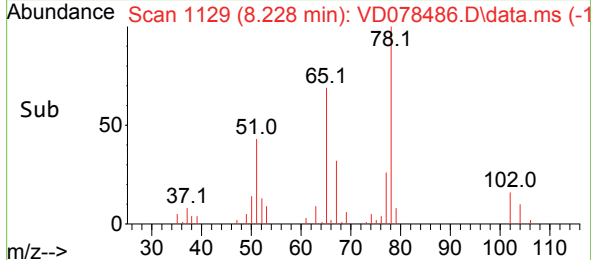
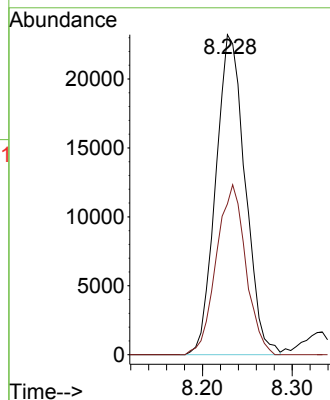
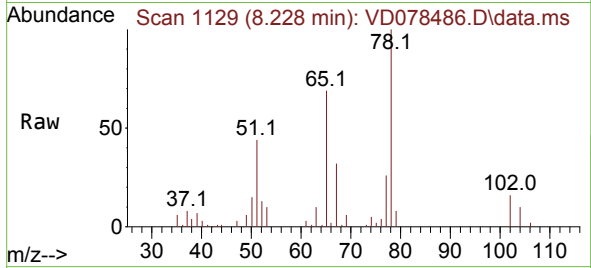




#33
1,2-Dichloroethane-d4
Concen: 52.537 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

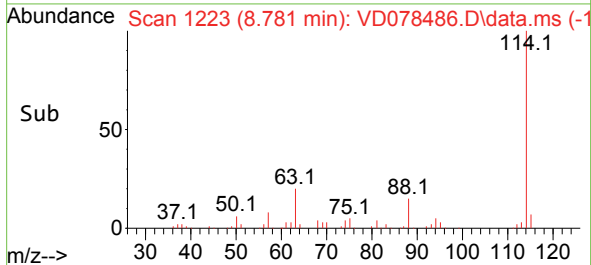
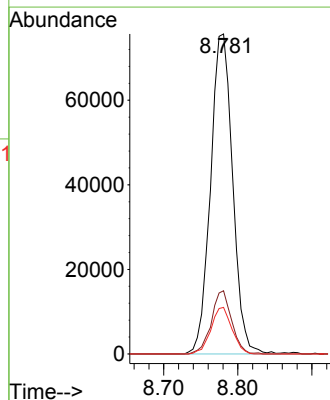
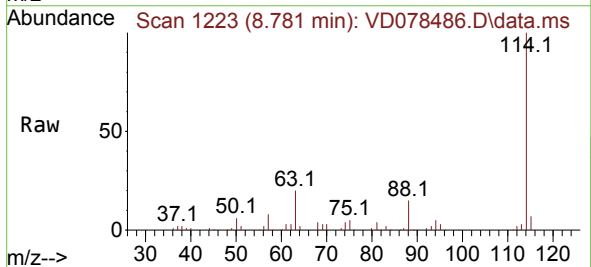
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 65 Resp: 52746
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:114 Resp: 156948
Ion Ratio Lower Upper
114 100
63 19.8 0.0 33.4
88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 56.675 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078486.D

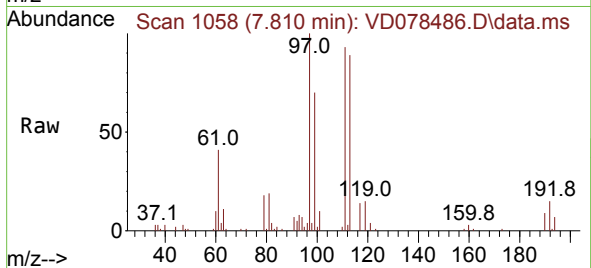
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M



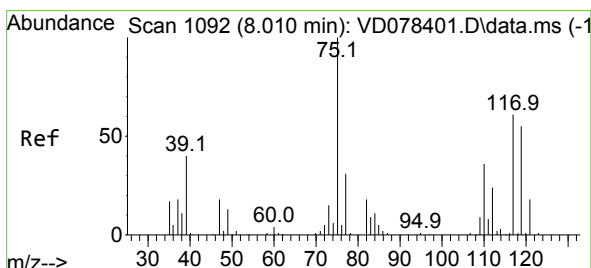
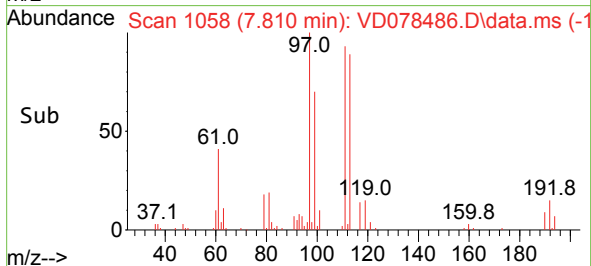
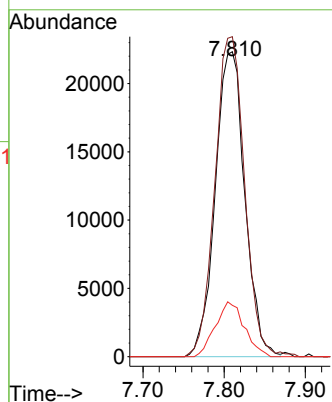
Tgt Ion:113 Resp: 56503

Ion Ratio Lower Upper

113 100

111 105.3 84.7 127.1

192 17.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 56.417 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

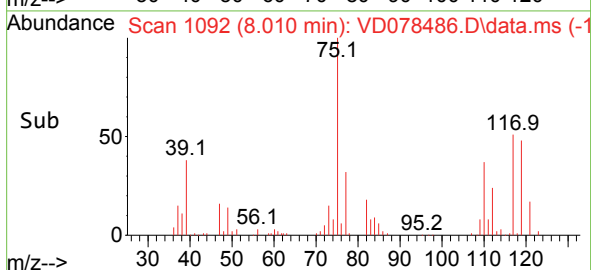
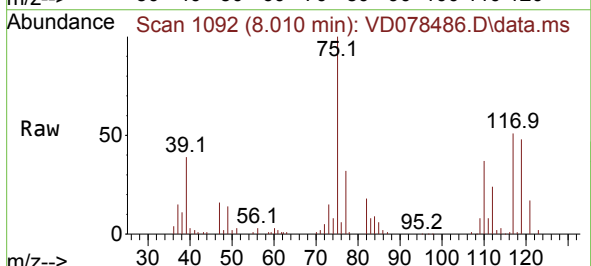
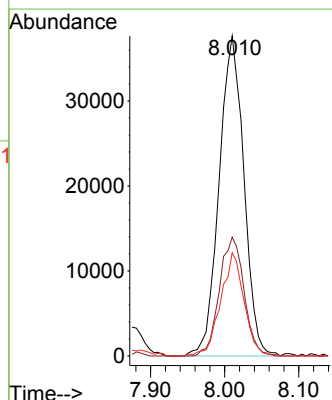
Tgt Ion: 75 Resp: 87376

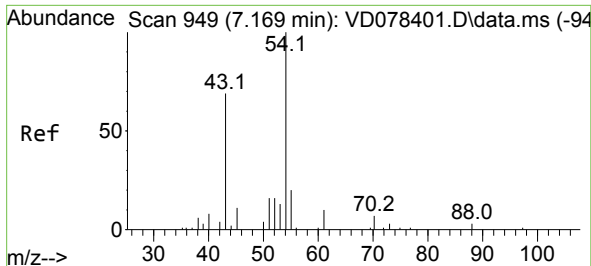
Ion Ratio Lower Upper

75 100

110 36.9 19.9 59.6

77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 58.617 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

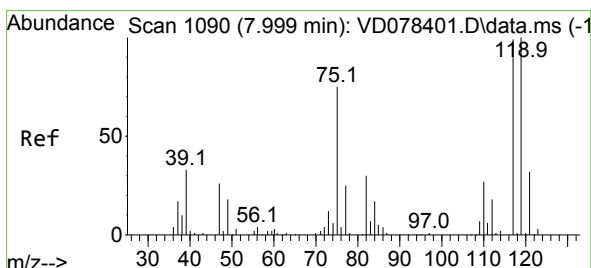
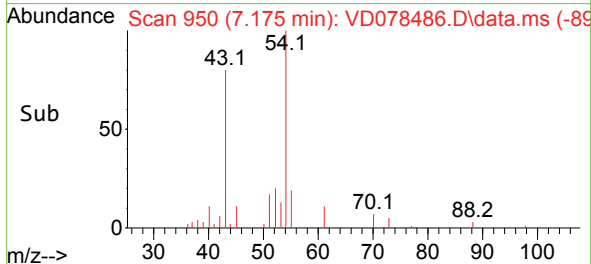
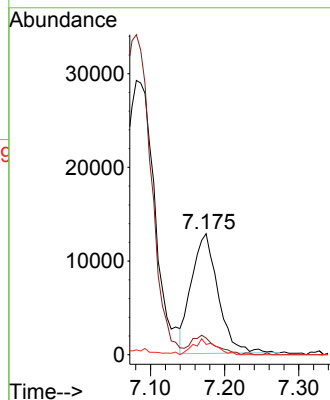
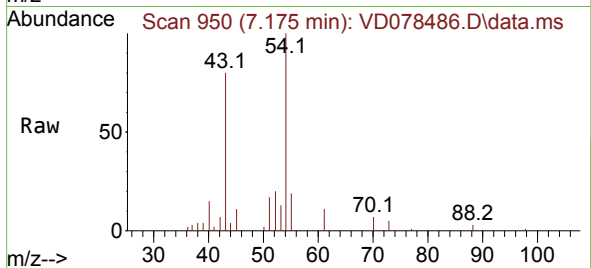
Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 43	Resp: 31824
Ion Ratio	Lower Upper
43	100
61	14.3 14.9 22.3#
70	10.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 57.002 ug/l

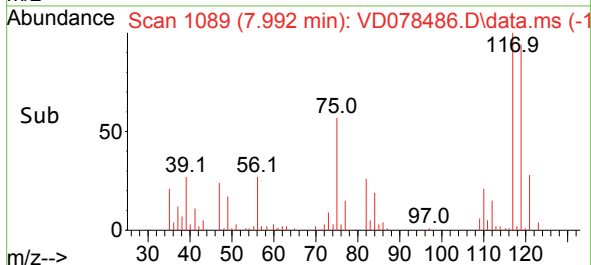
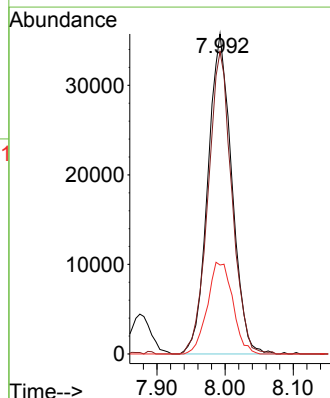
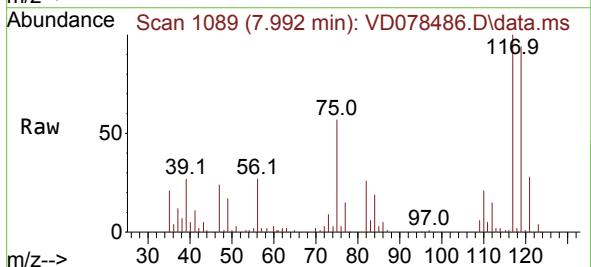
RT: 7.992 min Scan# 1089

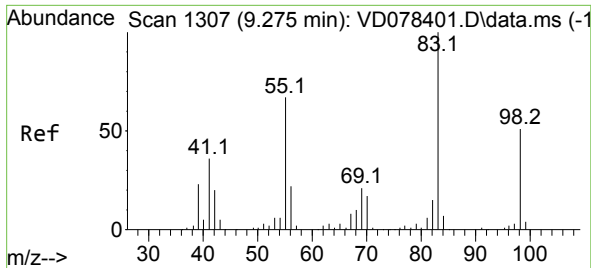
Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Tgt Ion: 117	Resp: 87429
Ion Ratio	Lower Upper
117	100
119	94.4 78.0 117.0
121	27.8 24.2 36.2





#39

Methylcyclohexane

Concen: 36.622 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M

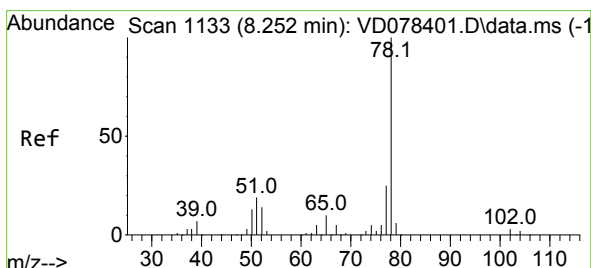
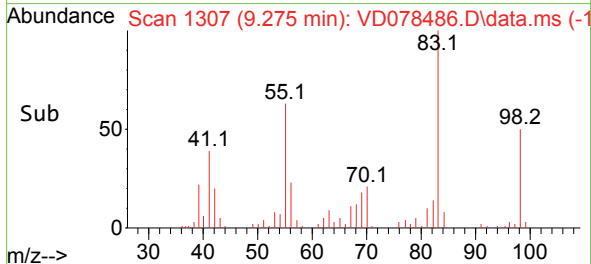
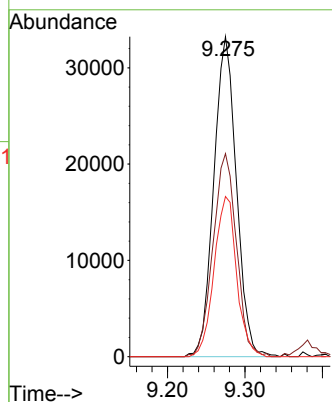
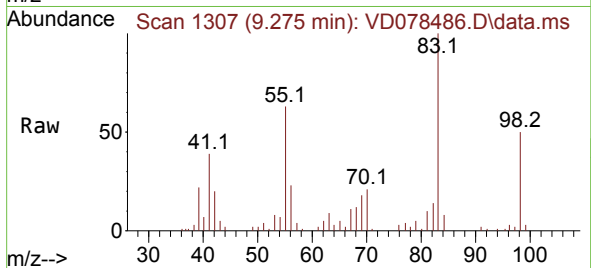
Tgt Ion: 83 Resp: 67334

Ion Ratio Lower Upper

83 100

55 63.4 49.4 74.0

98 50.1 38.4 57.6



#40

Benzene

Concen: 62.155 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078486.D

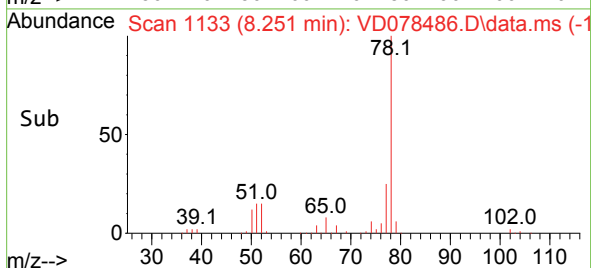
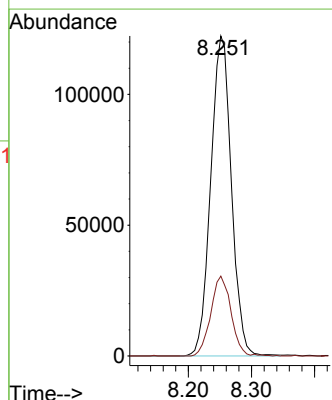
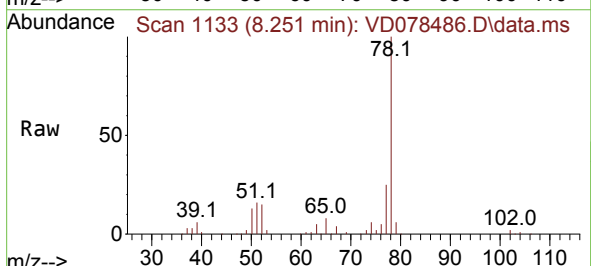
Acq: 20 Feb 2024 16:32

Tgt Ion: 78 Resp: 278243

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0



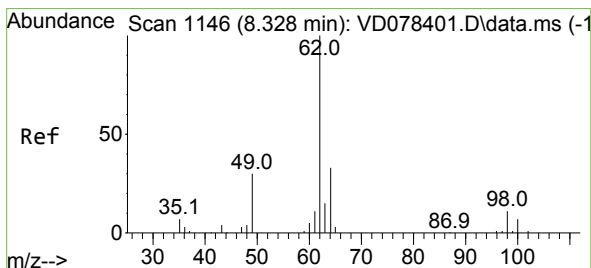
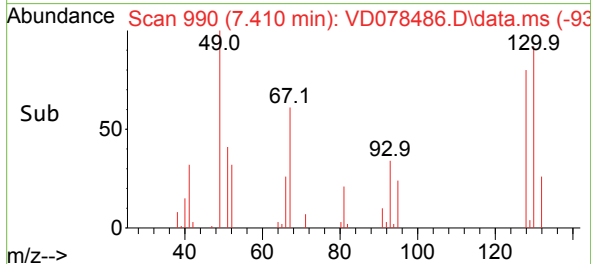
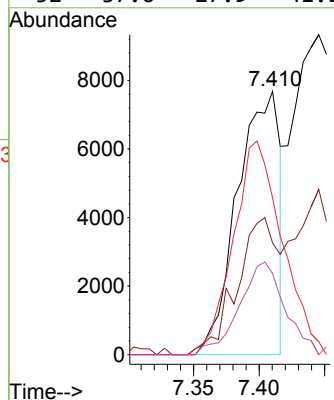
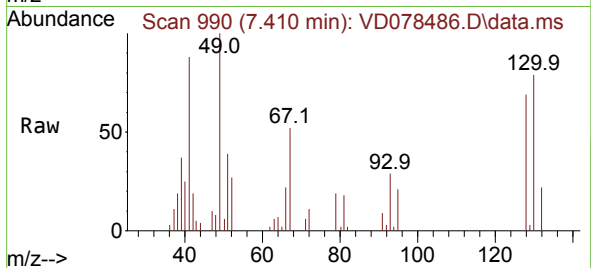


#41
Methacrylonitrile
Concen: 61.143 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 41 Resp: 17276

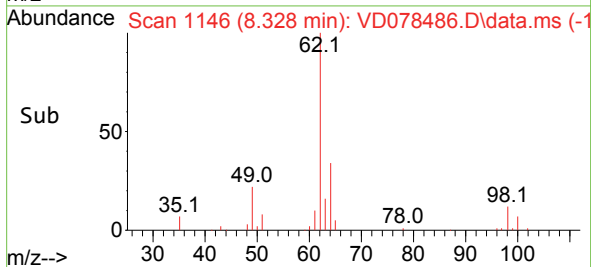
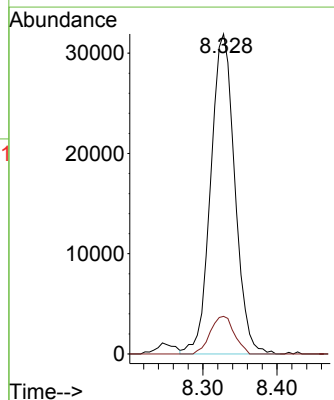
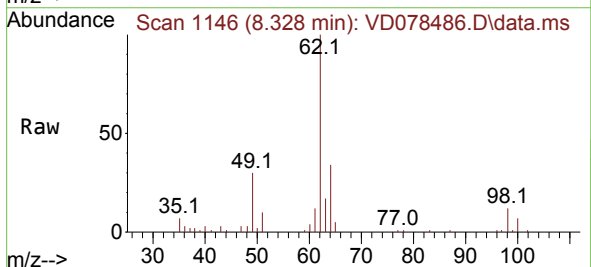
Ion	Ratio	Lower	Upper
41	100		
39	49.9	34.0	51.0
67	93.4	77.0	115.4
52	37.6	27.9	41.9

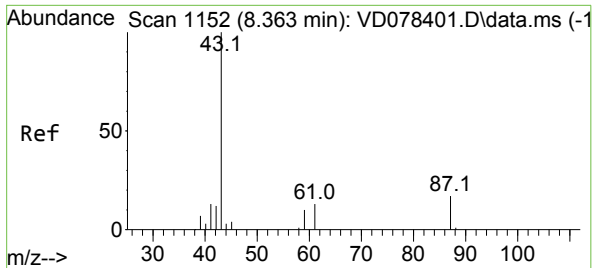


#42
1,2-Dichloroethane
Concen: 62.208 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 62 Resp: 72056

Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	25.4

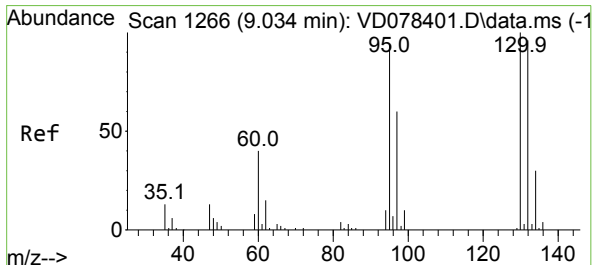
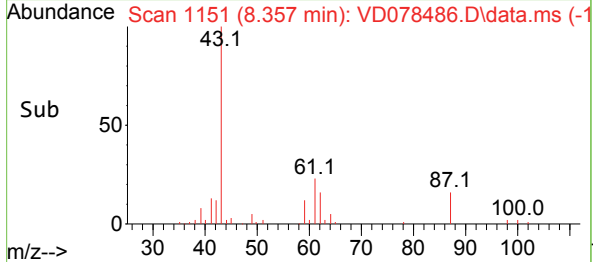
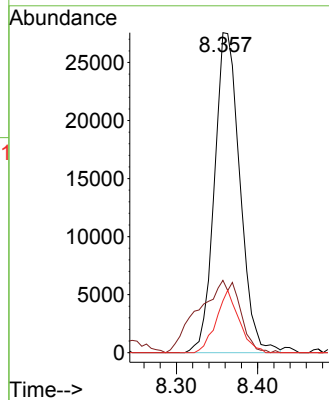
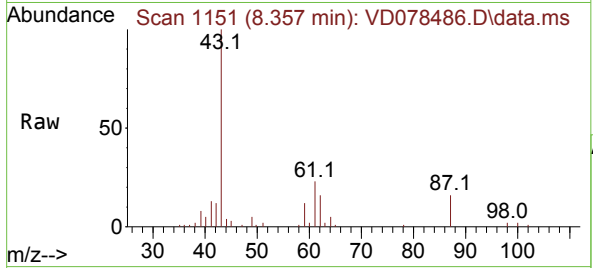




#43
Isopropyl Acetate
Concen: 59.745 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

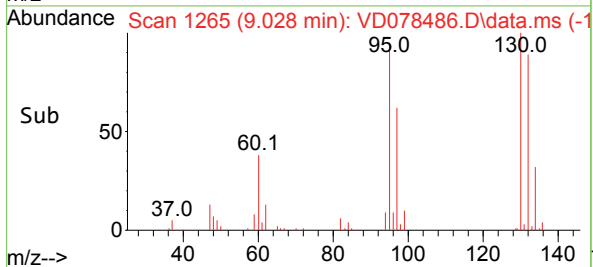
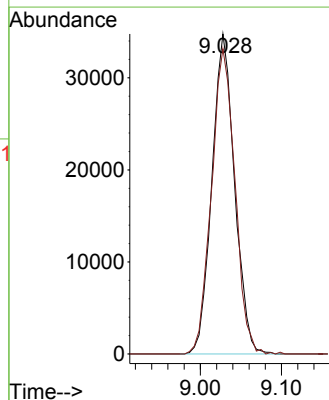
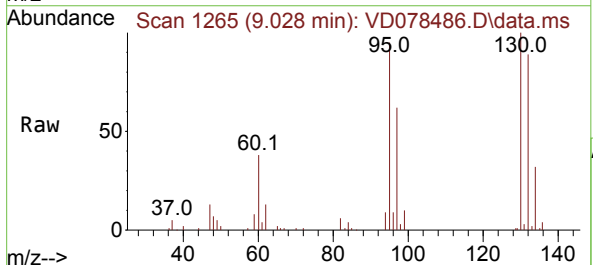
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

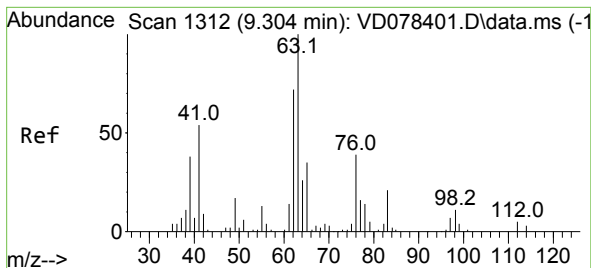
Tgt Ion: 43	Resp: 60064
Ion Ratio	Lower Upper
43	100
61	37.1 31.4 47.0
87	17.6 14.9 22.3



#44
Trichloroethene
Concen: 59.009 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 130	Resp: 67392
Ion Ratio	Lower Upper
130	100
95	95.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 63.256 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

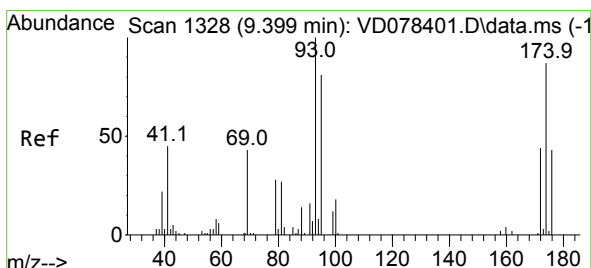
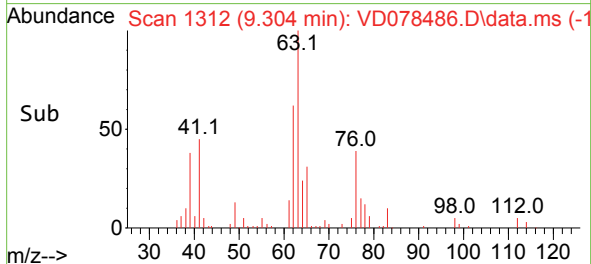
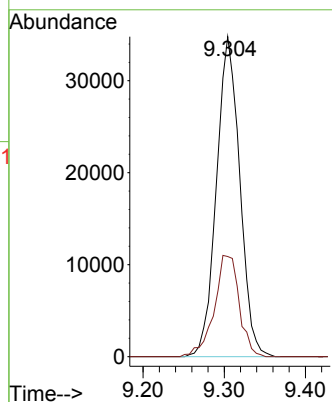
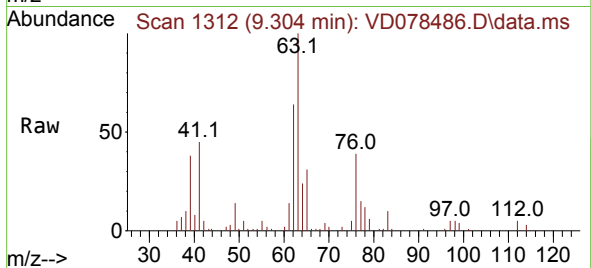
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 63 Resp: 69477

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 63.996 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

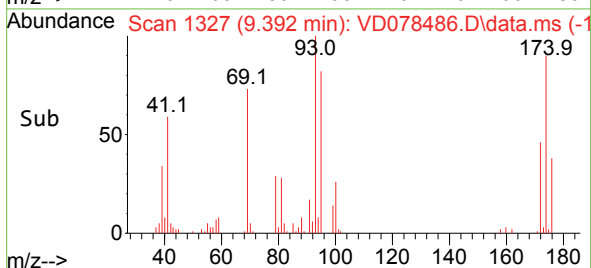
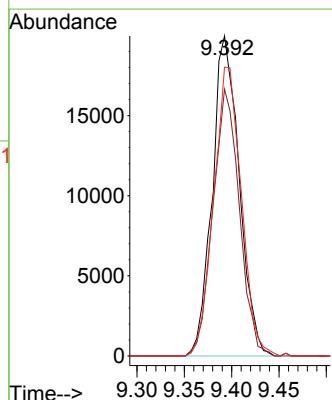
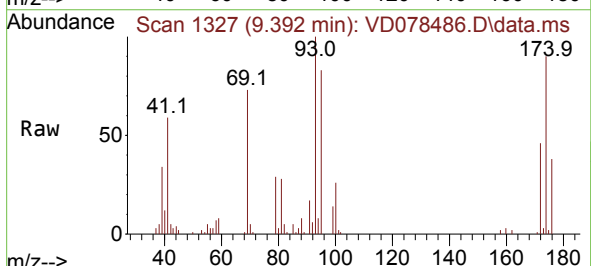
Tgt Ion: 93 Resp: 39536

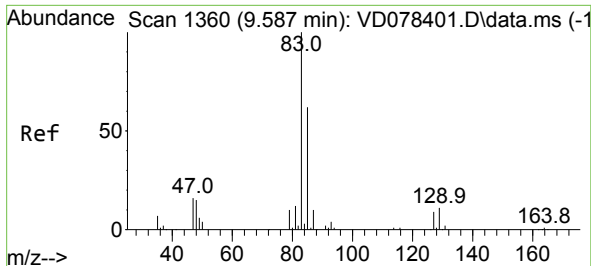
Ion Ratio Lower Upper

93 100

95 81.9 67.7 101.5

174 92.7 85.4 128.2

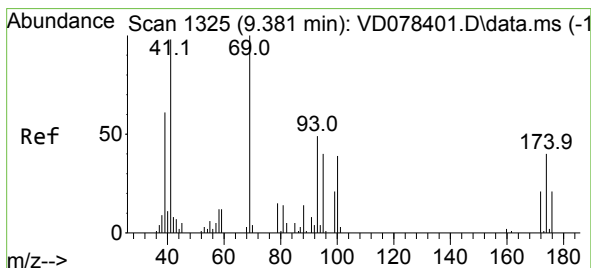
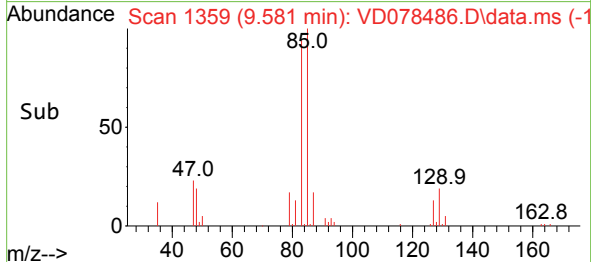
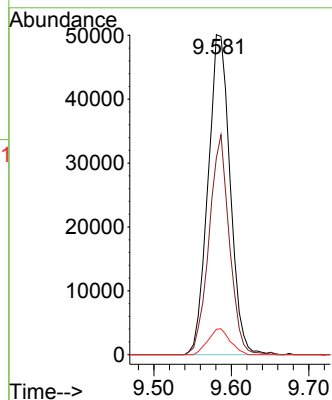
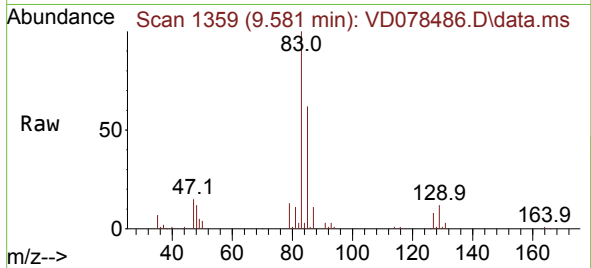




#47
Bromodichloromethane
Concen: 64.870 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

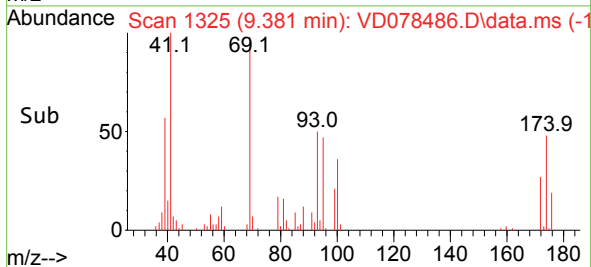
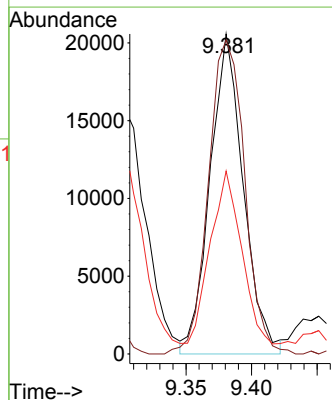
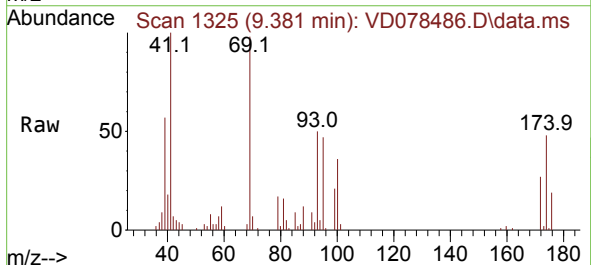
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 83 Resp: 99263
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 68.047 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 41 Resp: 36294
Ion Ratio Lower Upper
41 100
69 106.7 102.2 153.2
39 57.2 41.4 62.2





#49

1,4-Dioxane

Concen: 806.227 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078486.D

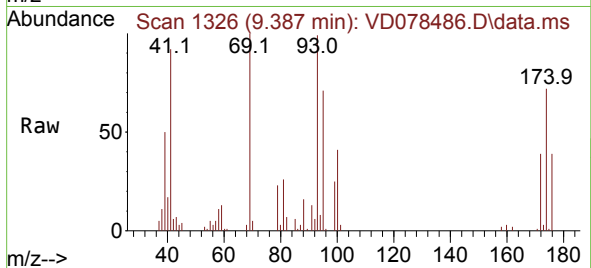
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M



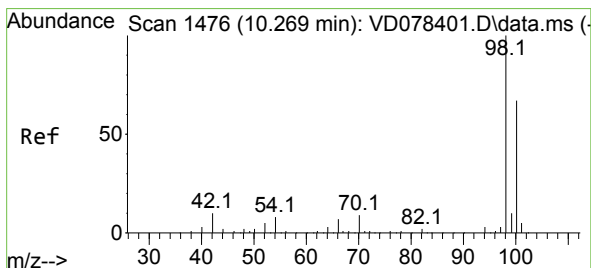
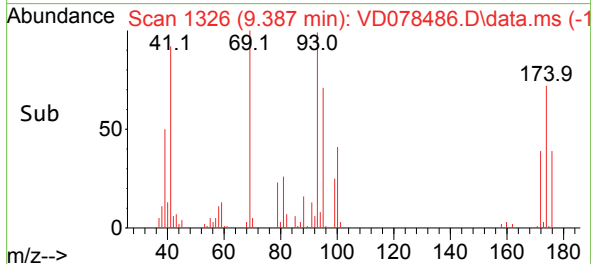
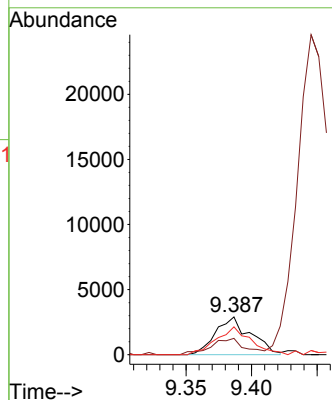
Tgt Ion: 88 Resp: 5394

Ion Ratio Lower Upper

88 100

43 42.1 19.0 28.6#

58 72.0 43.5 65.3#



#50

Toluene-d8

Concen: 52.125 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078486.D

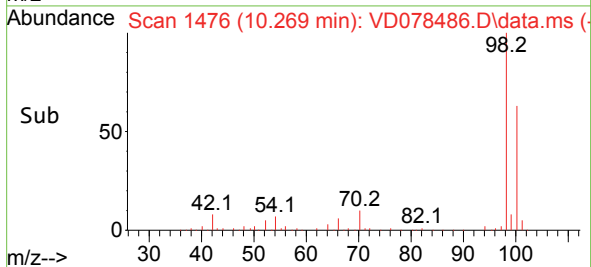
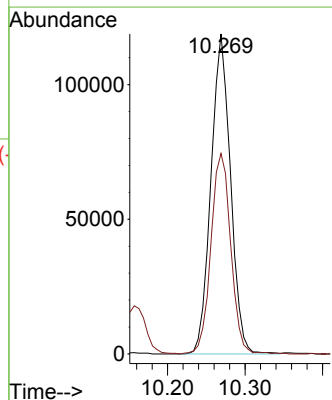
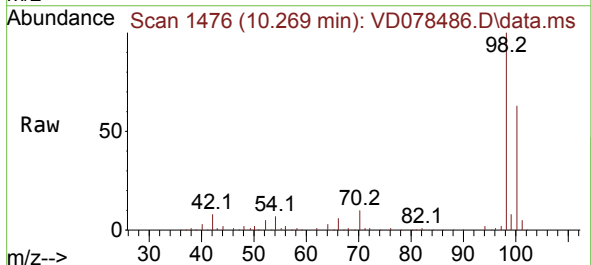
Acq: 20 Feb 2024 16:32

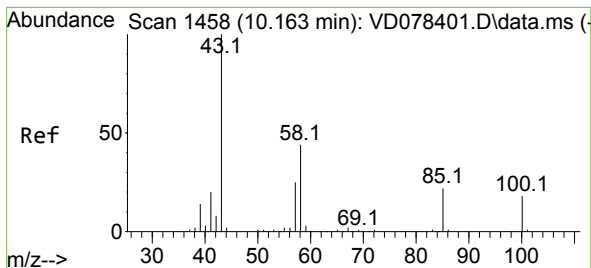
Tgt Ion: 98 Resp: 207879

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

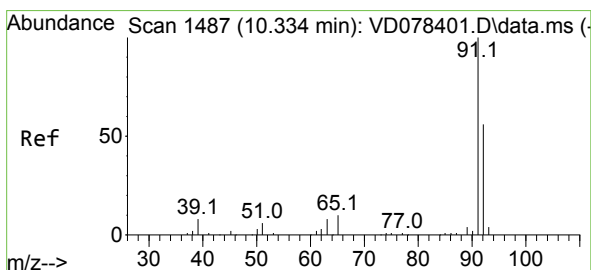
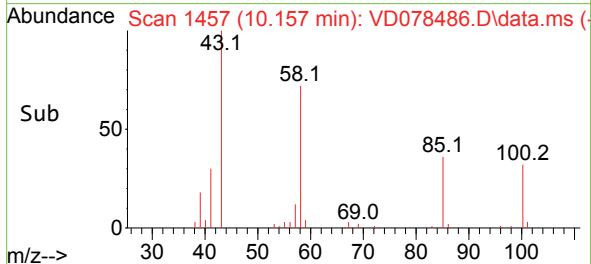
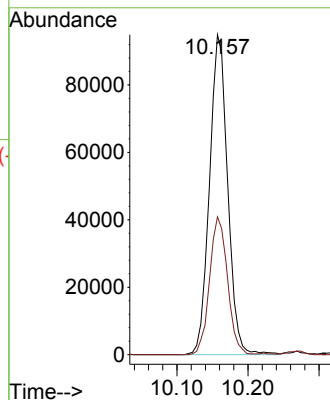
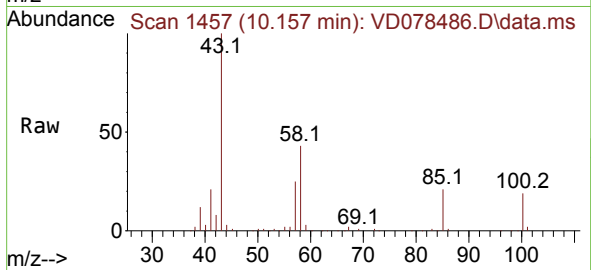




#51
4-Methyl-2-Pentanone
Concen: 316.295 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

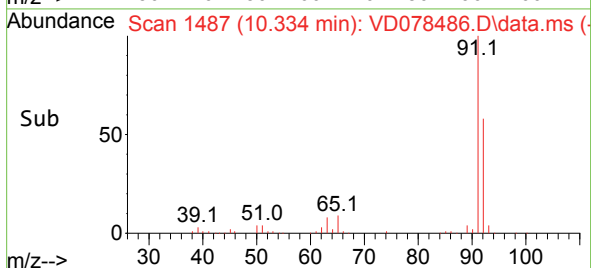
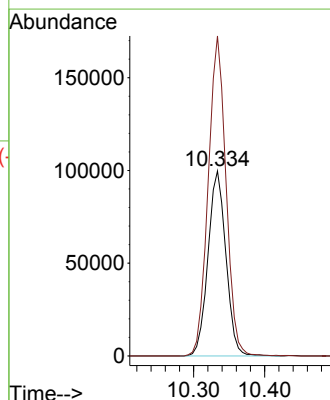
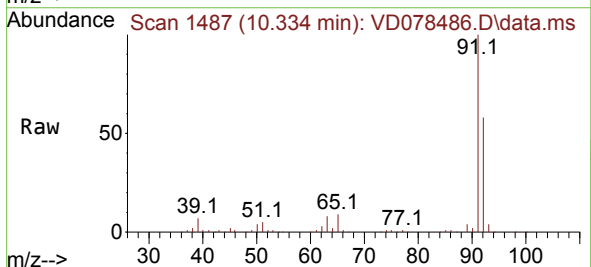
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

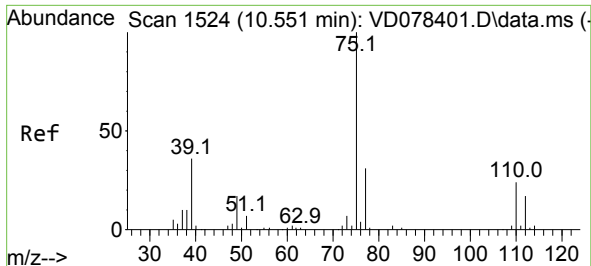
Tgt Ion: 43 Resp: 168769
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3



#52
Toluene
Concen: 61.685 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 92 Resp: 174625
Ion Ratio Lower Upper
92 100
91 172.0 143.0 214.4

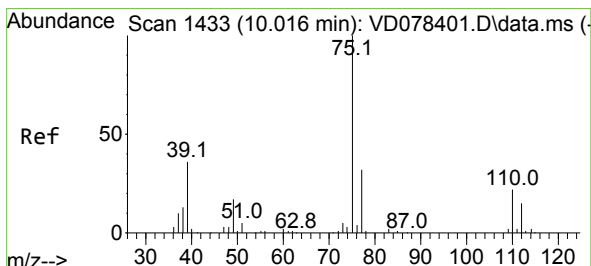
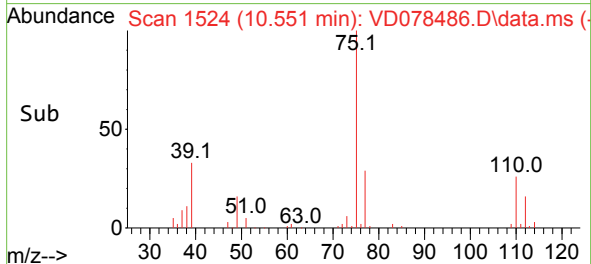
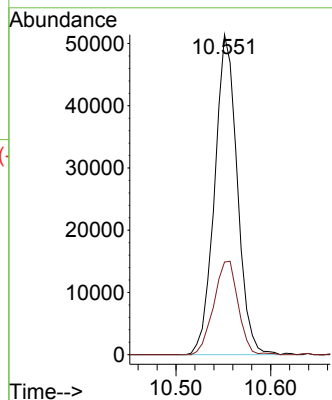
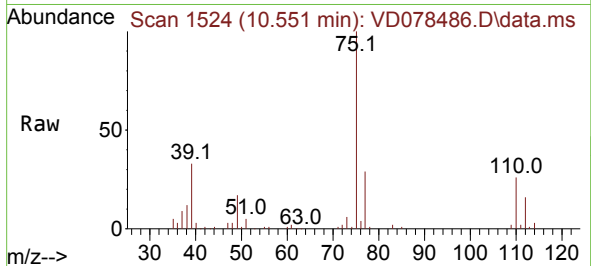




#53
t-1,3-Dichloropropene
Concen: 61.170 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

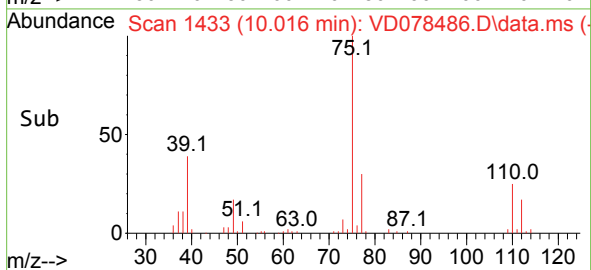
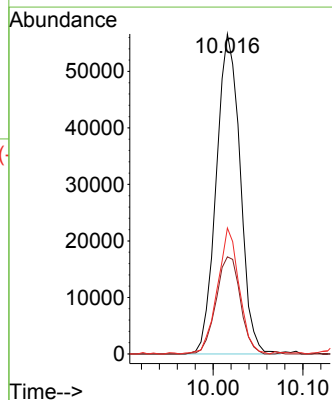
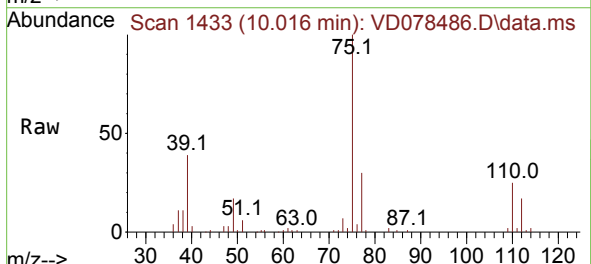
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

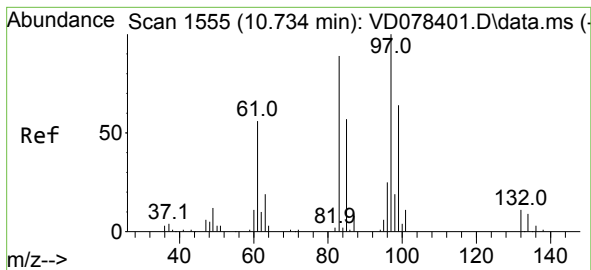
Tgt Ion: 75 Resp: 85408
Ion Ratio Lower Upper
75 100
77 28.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 61.759 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 75 Resp: 104561
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 39.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 67.696 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD078486.D

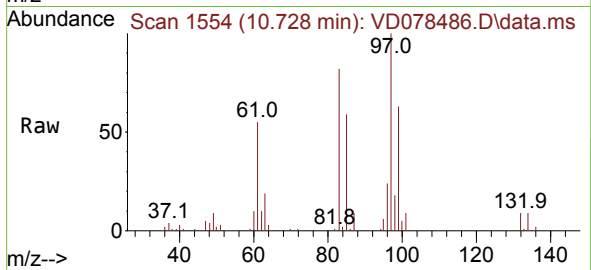
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M



Tgt Ion: 97 Resp: 56321

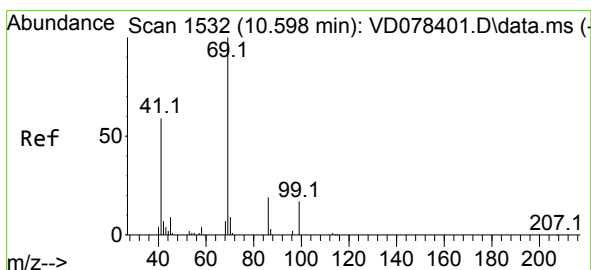
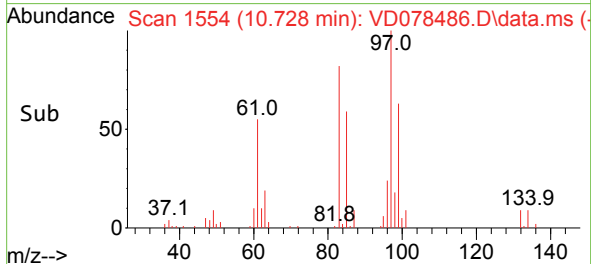
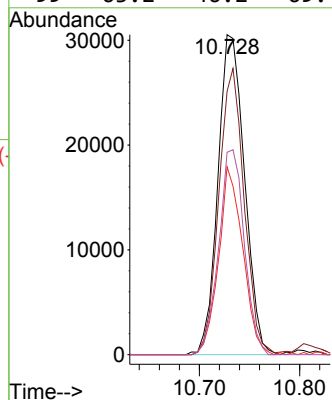
Ion Ratio Lower Upper

97 100

83 82.3 65.8 98.6

85 58.7 45.7 68.5

99 63.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 57.220 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

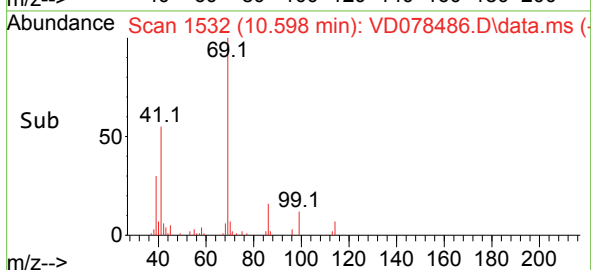
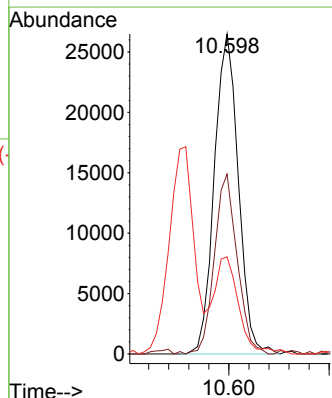
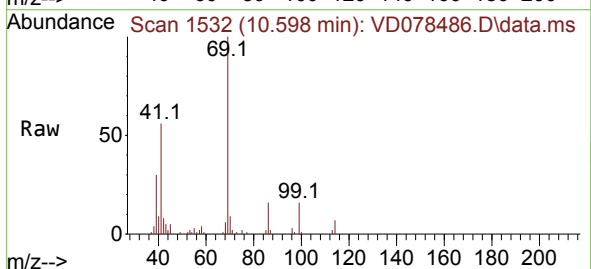
Tgt Ion: 69 Resp: 44028

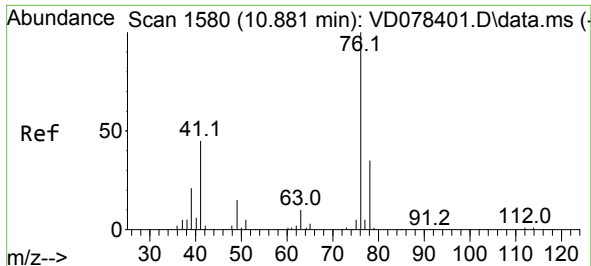
Ion Ratio Lower Upper

69 100

41 53.3 39.1 58.7

39 32.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 64.883 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

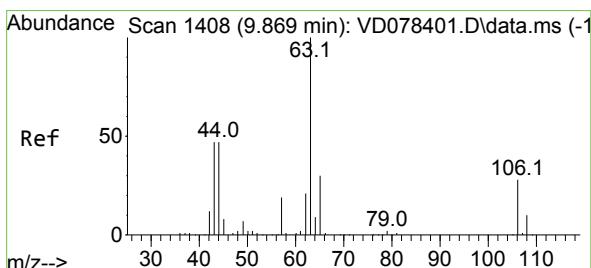
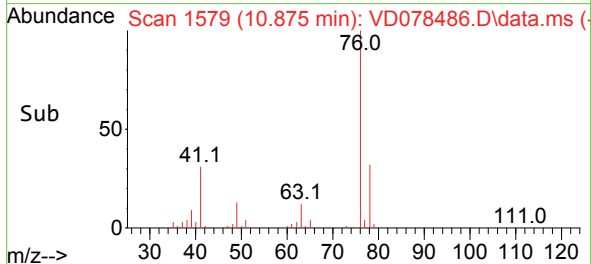
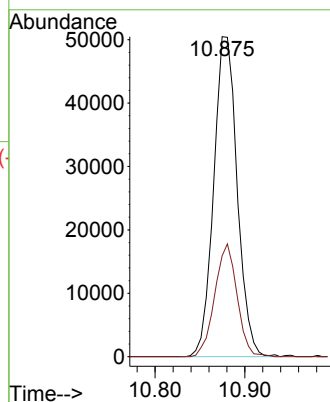
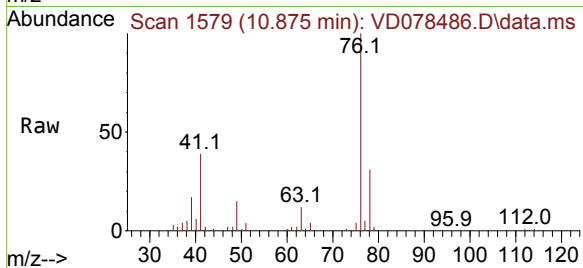
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 76 Resp: 91825

Ion Ratio Lower Upper

76 100

78 33.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 346.338 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078486.D

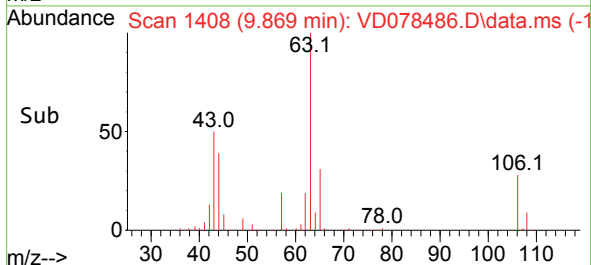
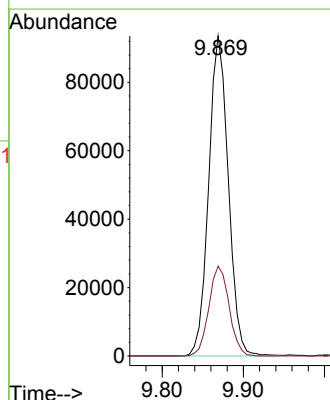
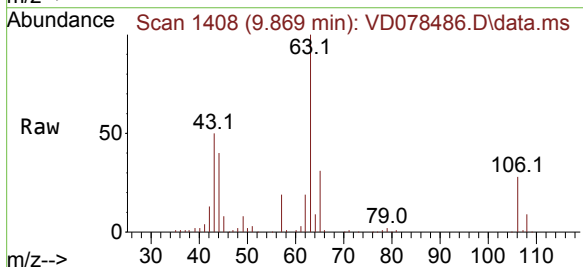
Acq: 20 Feb 2024 16:32

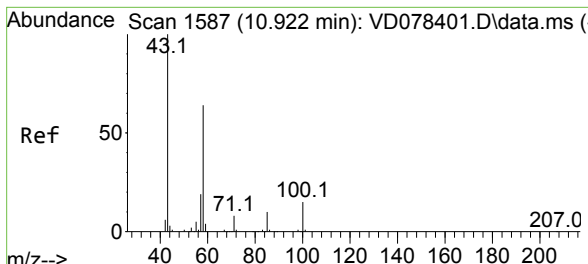
Tgt Ion: 63 Resp: 156975

Ion Ratio Lower Upper

63 100

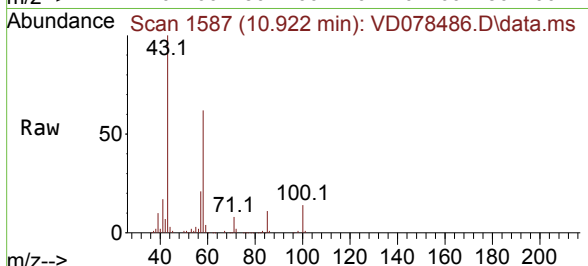
106 28.9 25.3 37.9



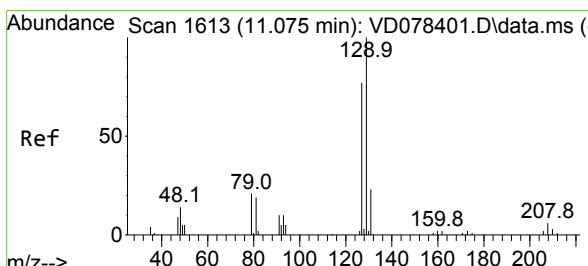
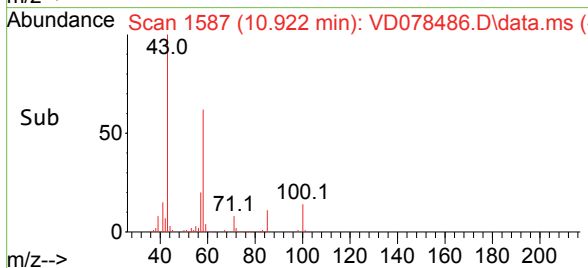
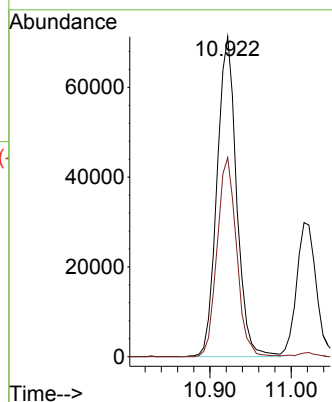


#59
2-Hexanone
Concen: 298.081 ug/l
RT: 10.922 min Scan# 119528
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

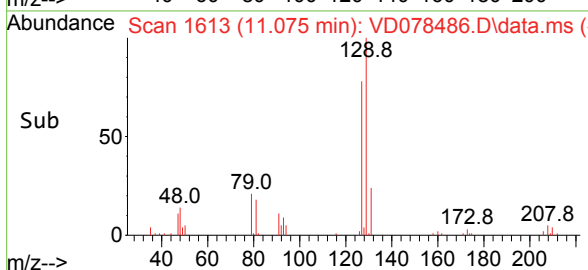
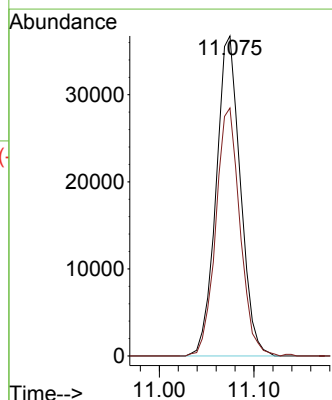
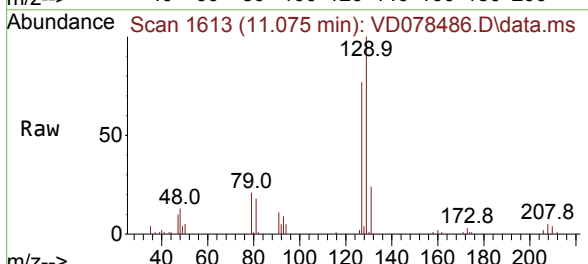


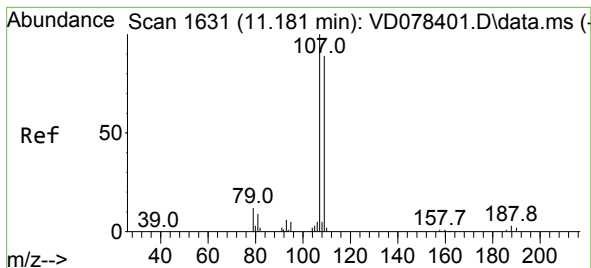
Tgt Ion: 43 Resp: 119528
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2



#60
Dibromochloromethane
Concen: 65.358 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:129 Resp: 65424
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61

1,2-Dibromoethane

Concen: 65.060 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

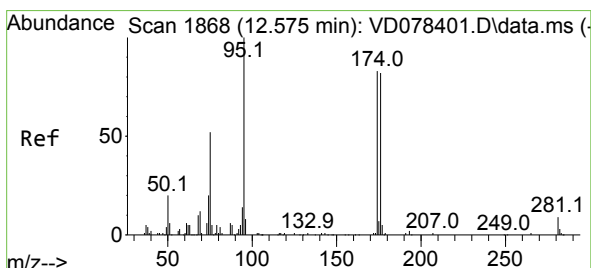
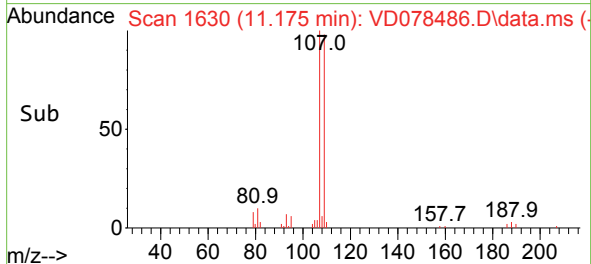
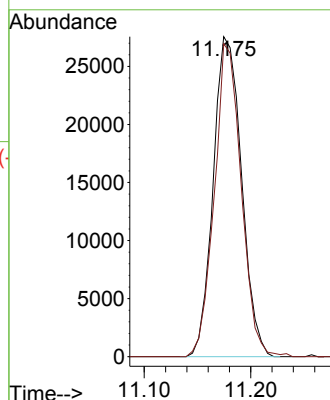
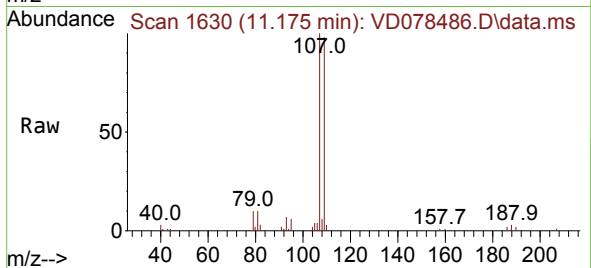
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion:107 Resp: 50816

Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.729 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

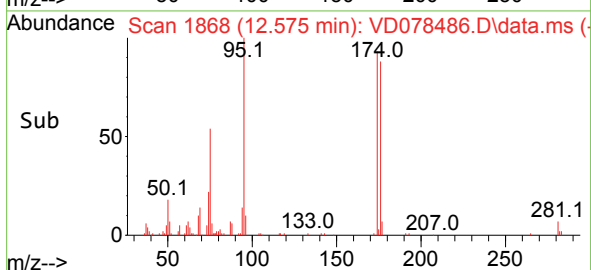
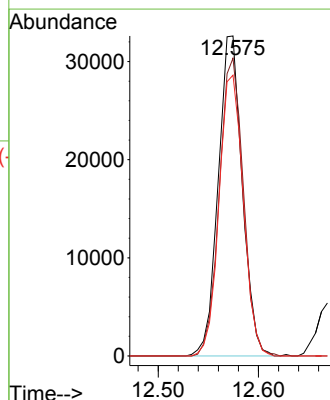
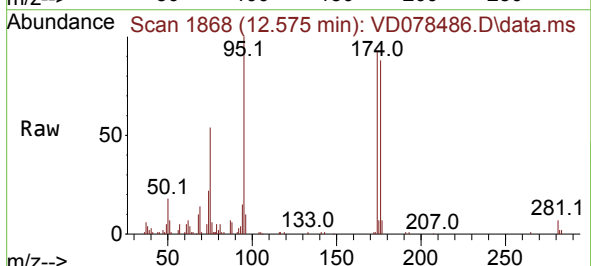
Tgt Ion: 95 Resp: 54232

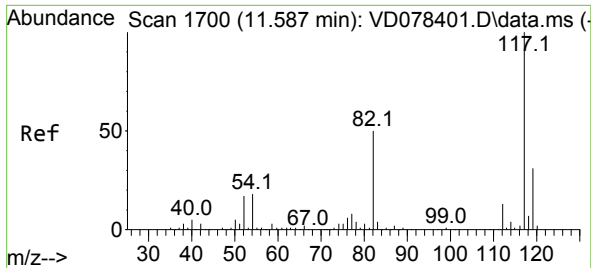
Ion Ratio Lower Upper

95 100

174 92.9 0.0 201.8

176 88.4 0.0 191.8

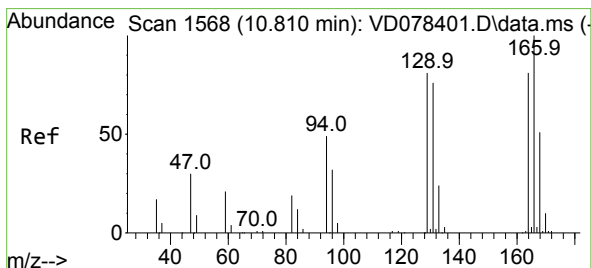
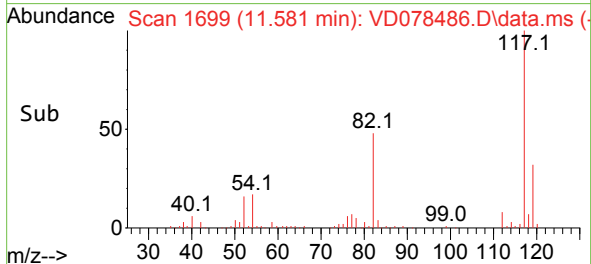
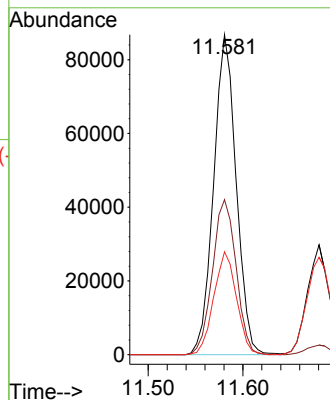
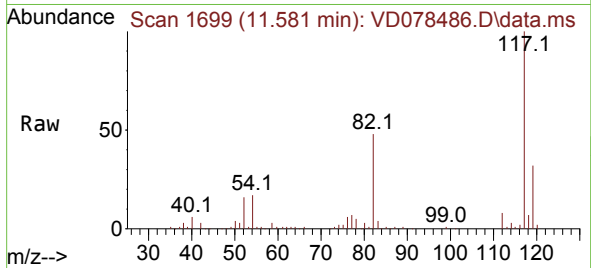




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

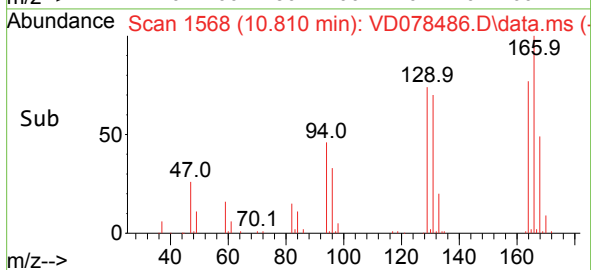
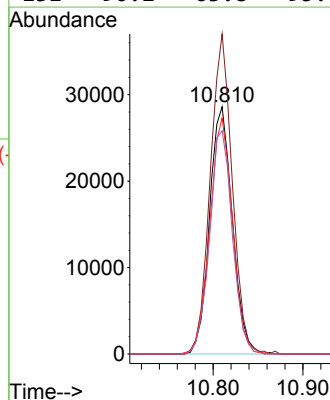
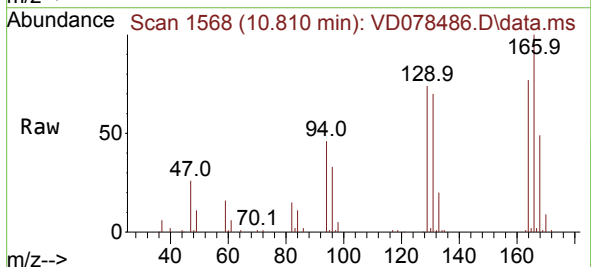
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

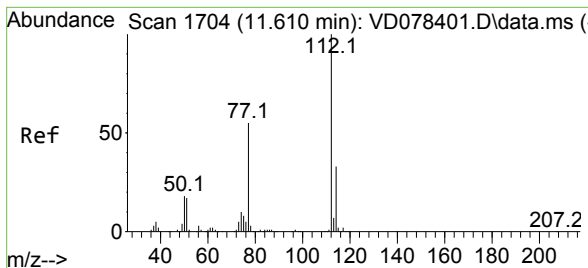
Tgt Ion:117 Resp: 143656
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 55.546 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:164 Resp: 50401
Ion Ratio Lower Upper
164 100
166 129.4 99.2 148.8
129 95.4 68.4 102.6
131 90.2 63.8 95.8





#65

Chlorobenzene

Concen: 60.210 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

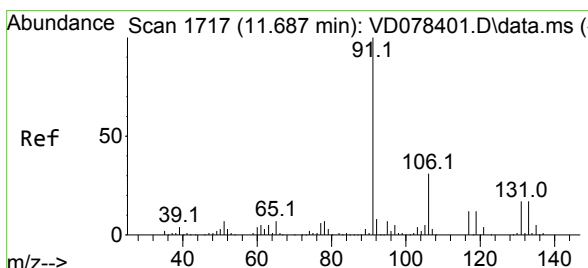
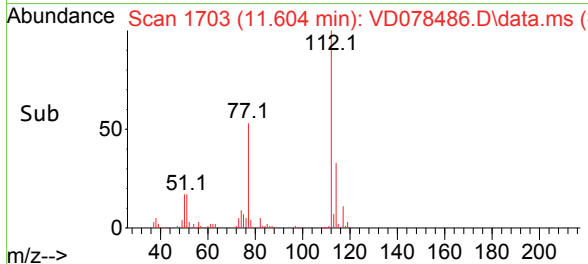
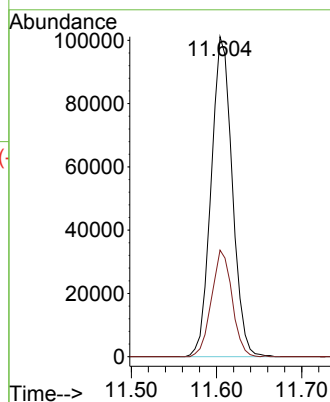
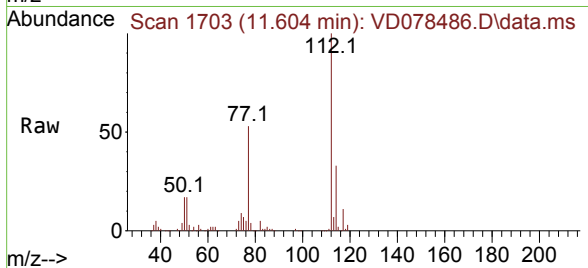
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion:112 Resp: 173890

Ion Ratio Lower Upper

112 100

114 33.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 63.609 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

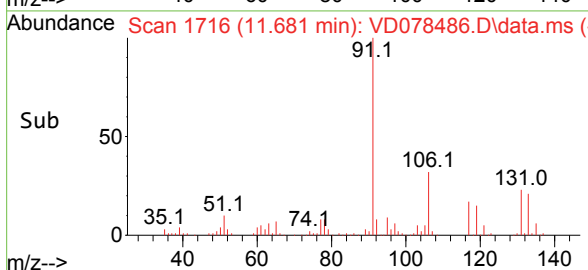
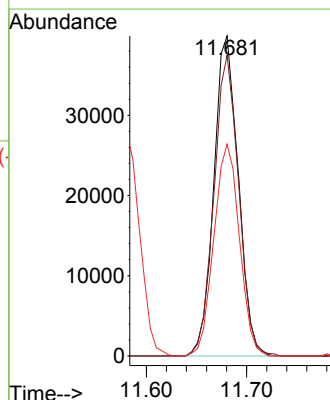
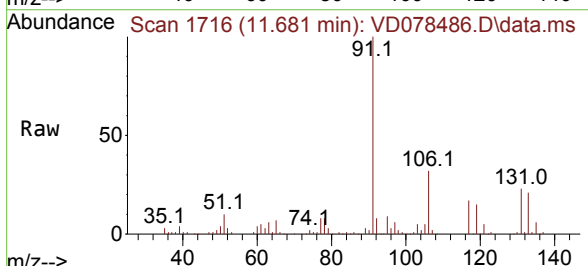
Tgt Ion:131 Resp: 67511

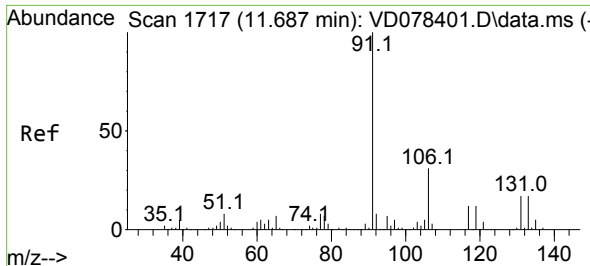
Ion Ratio Lower Upper

131 100

133 95.1 48.5 145.5

119 69.1 35.6 106.9

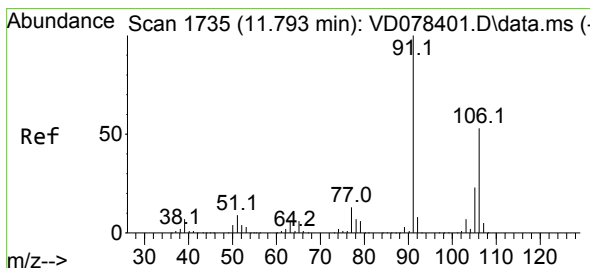
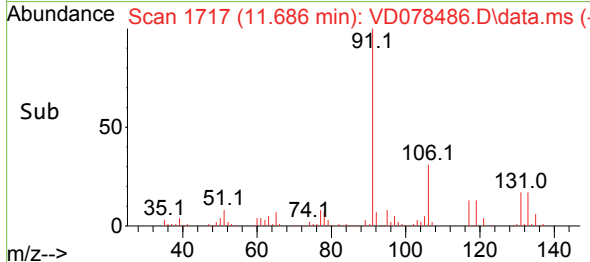
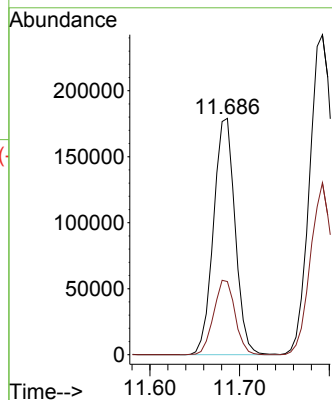
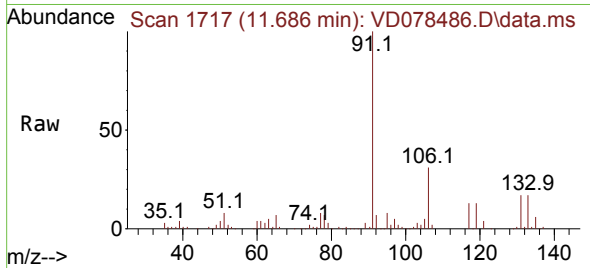




#67
Ethyl Benzene
Concen: 57.811 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

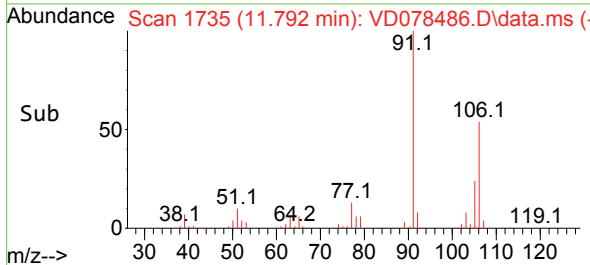
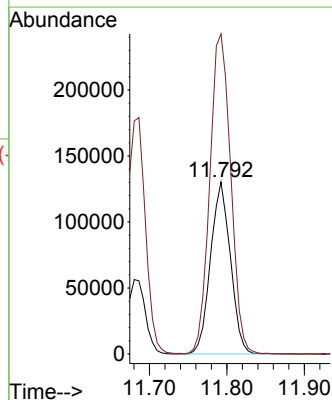
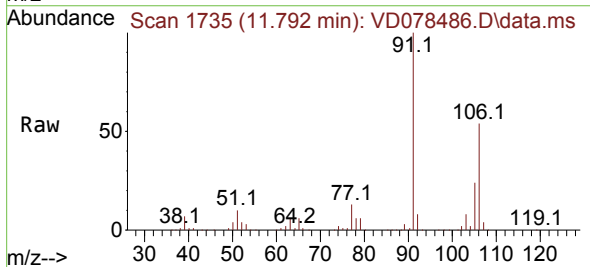
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

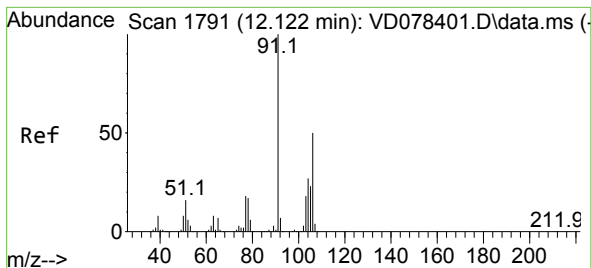
Tgt Ion: 91 Resp: 299154
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7



#68
m/p-Xylenes
Concen: 115.000 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:106 Resp: 232122
Ion Ratio Lower Upper
106 100
91 196.2 147.0 220.6





#69

o-Xylene

Concen: 58.858 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

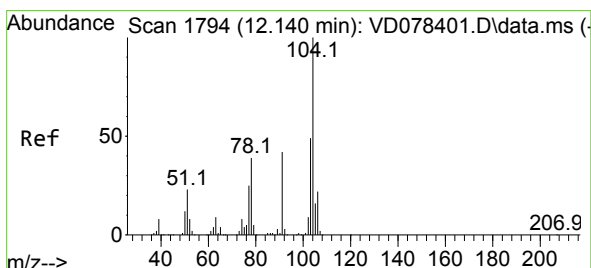
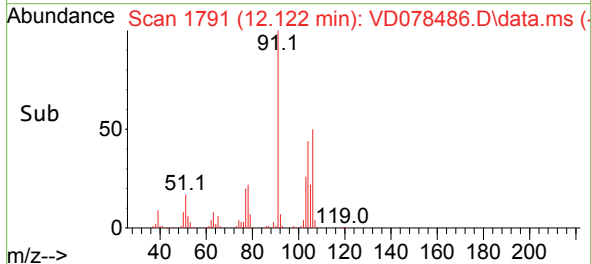
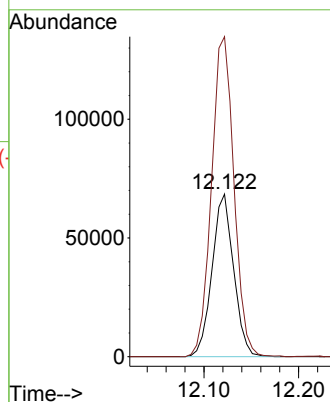
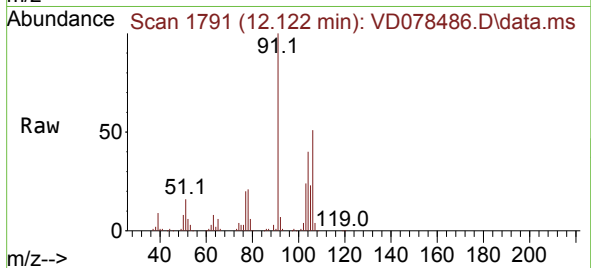
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion:106 Resp: 108415

Ion Ratio Lower Upper

106 100

91 204.8 97.9 293.6



#70

Styrene

Concen: 54.065 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

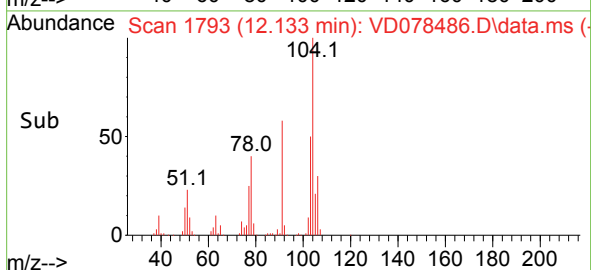
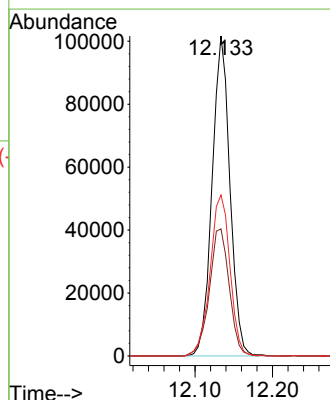
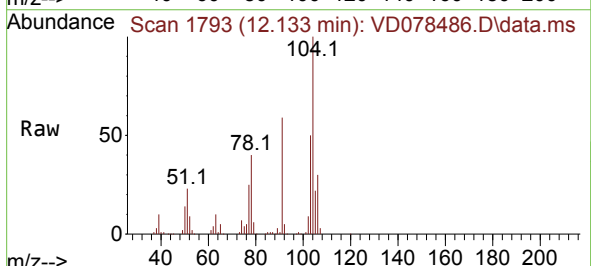
Tgt Ion:104 Resp: 162529

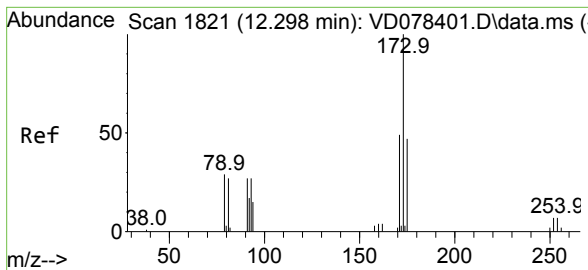
Ion Ratio Lower Upper

104 100

78 44.4 33.2 49.8

103 56.0 43.6 65.4





#71

Bromoform

Concen: 61.466 ug/l

RT: 12.298 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M

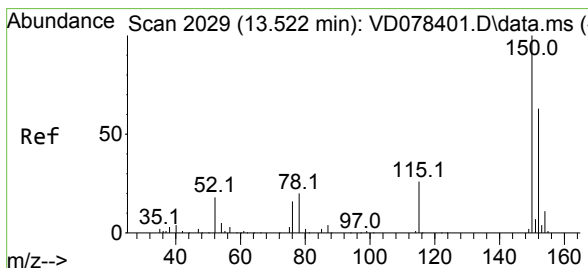
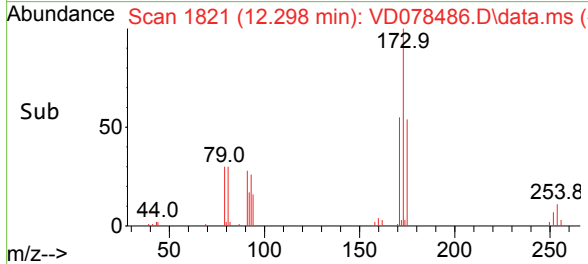
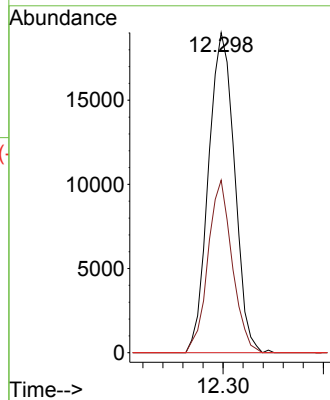
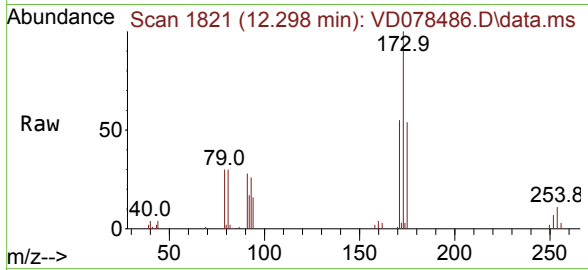
Tgt Ion:173 Resp: 34337

Ion Ratio Lower Upper

173 100

175 50.2 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: VD078486.D

Acq: 20 Feb 2024 16:32

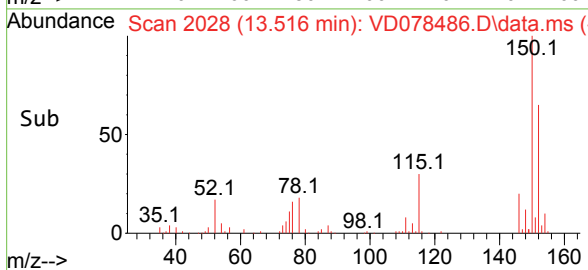
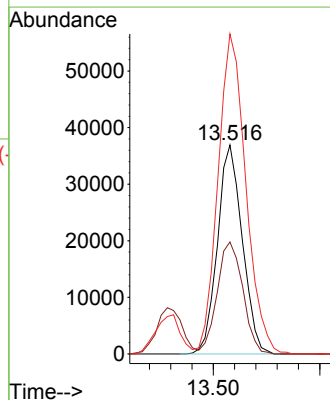
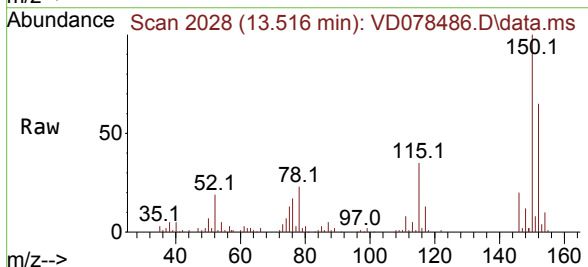
Tgt Ion:152 Resp: 59665

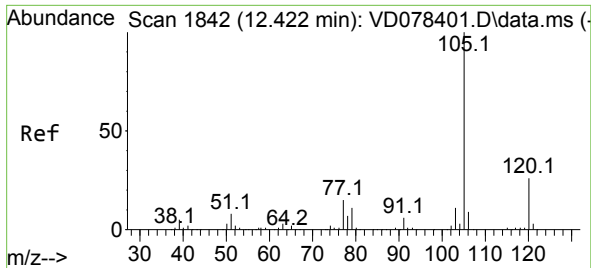
Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 171.8 0.0 353.6

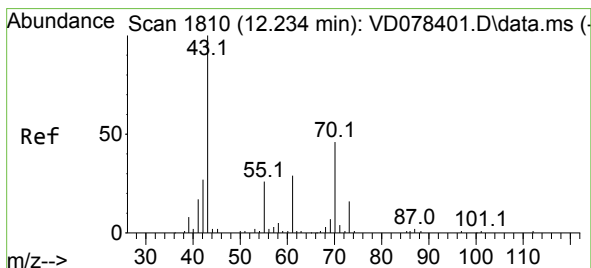
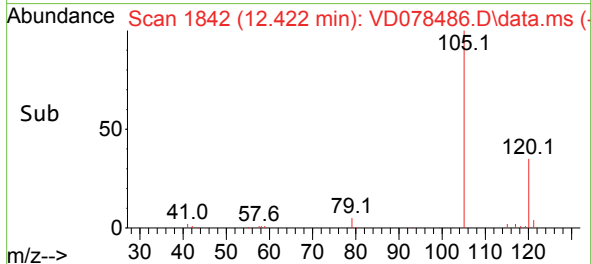
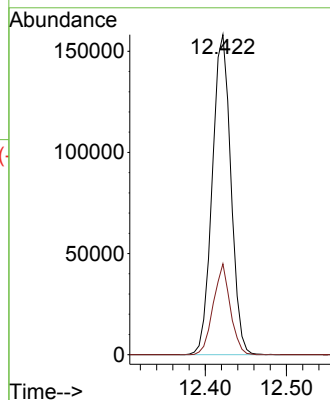
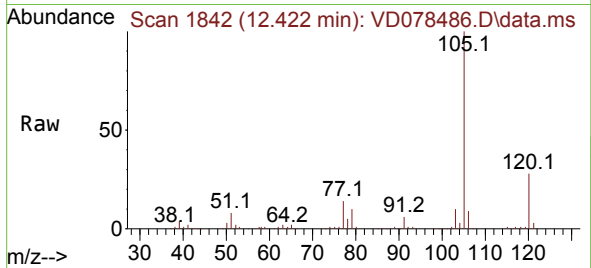




#73
Isopropylbenzene
Concen: 62.842 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

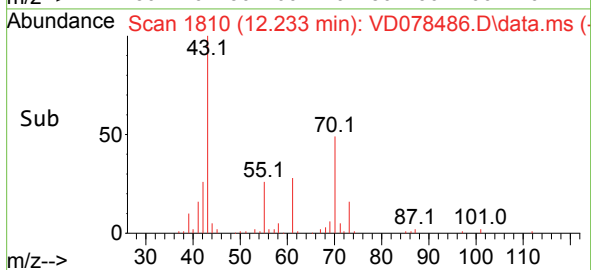
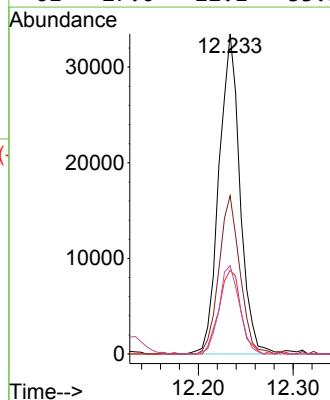
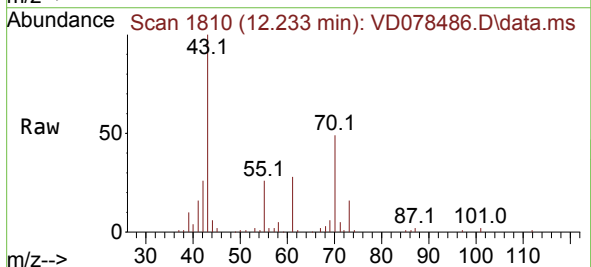
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

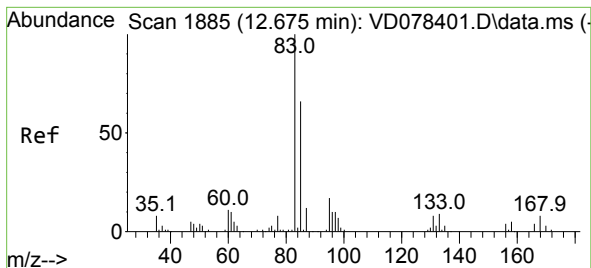
Tgt Ion:105 Resp: 251773
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 68.051 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 43 Resp: 51579
Ion Ratio Lower Upper
43 100
70 49.4 45.0 67.4
55 27.2 23.8 35.6
61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 73.799 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M

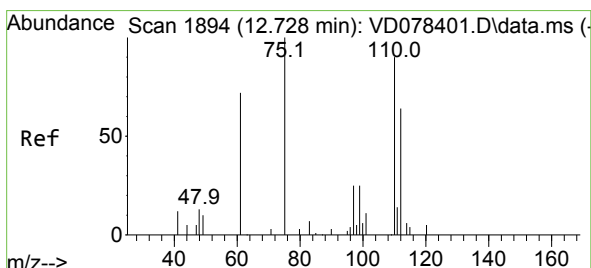
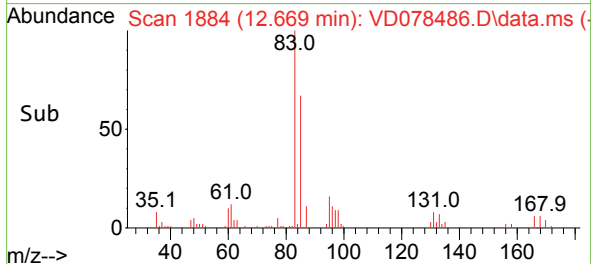
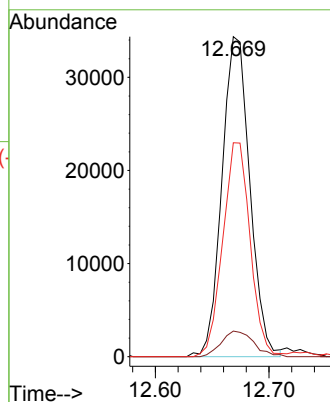
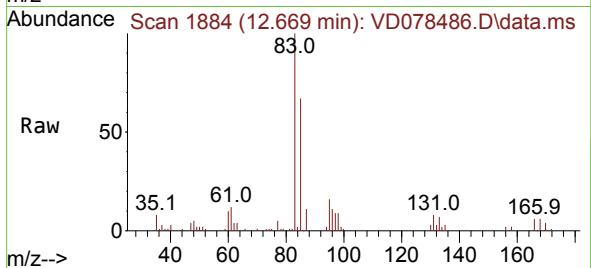
Tgt Ion: 83 Resp: 58651

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 65.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 133.881 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078486.D

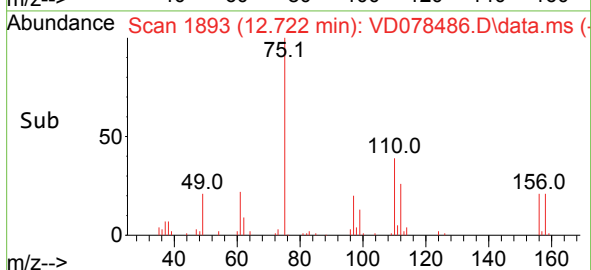
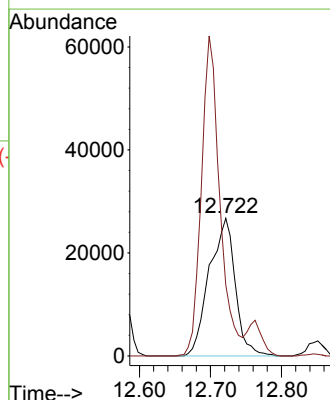
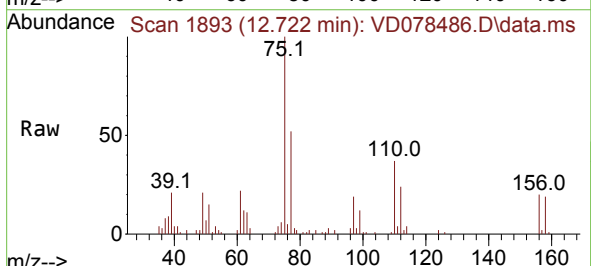
Acq: 20 Feb 2024 16:32

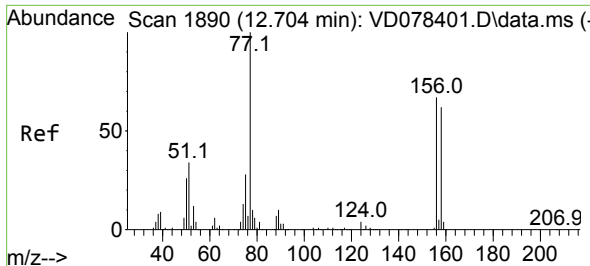
Tgt Ion: 75 Resp: 67816

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

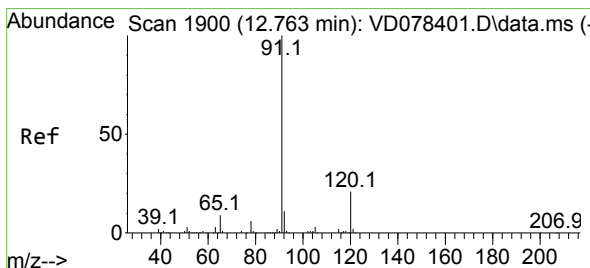
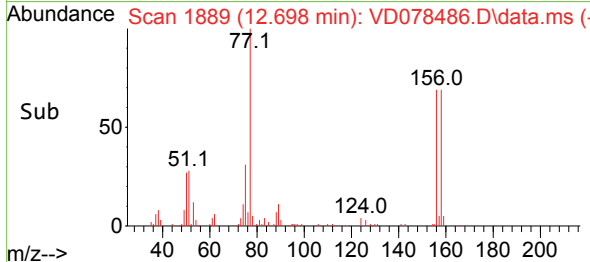
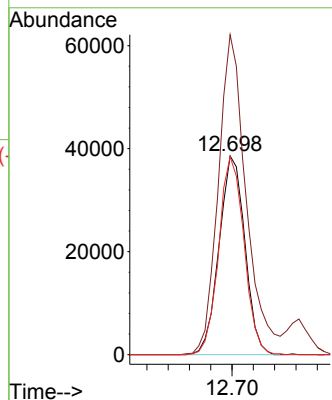
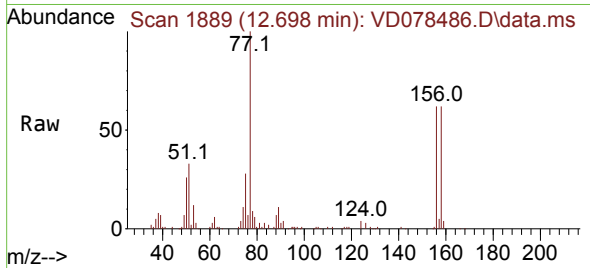




#77
Bromobenzene
Concen: 68.826 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

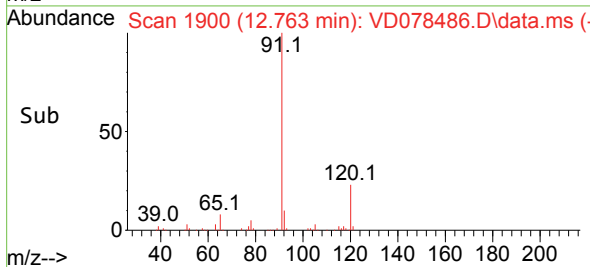
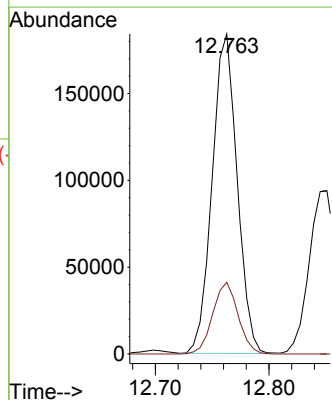
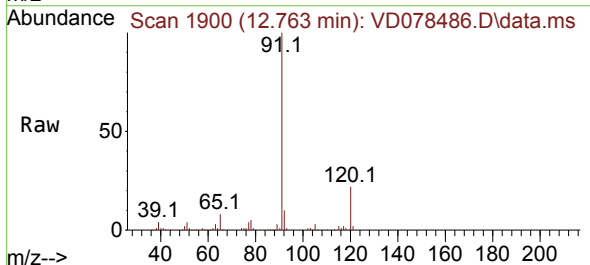
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

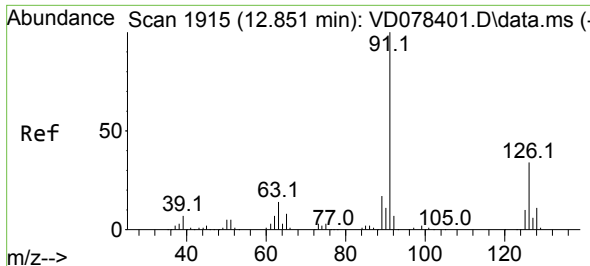
Tgt Ion:156 Resp: 64805
Ion Ratio Lower Upper
156 100
77 174.2 76.8 230.4
158 97.7 48.6 145.9



#78
n-propylbenzene
Concen: 56.223 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 91 Resp: 280711
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2

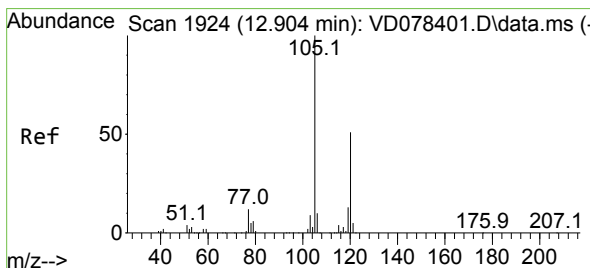
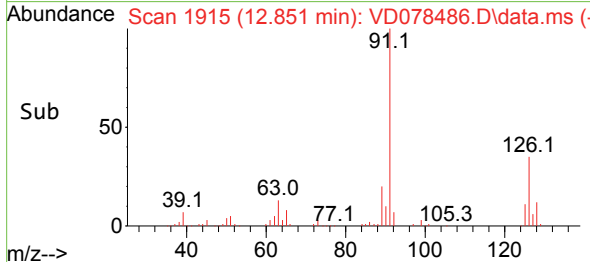
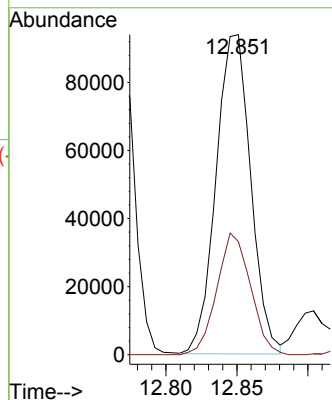
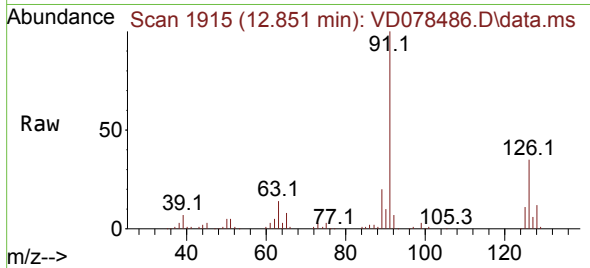




#79
2-Chlorotoluene
Concen: 59.706 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

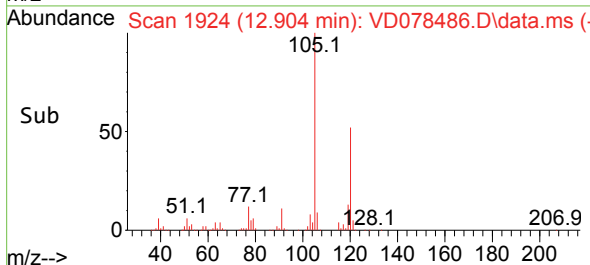
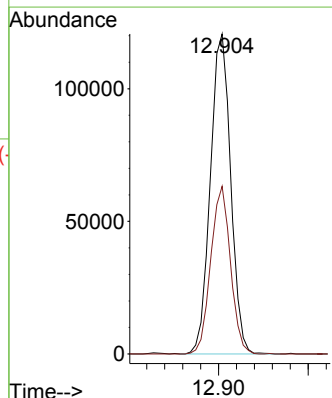
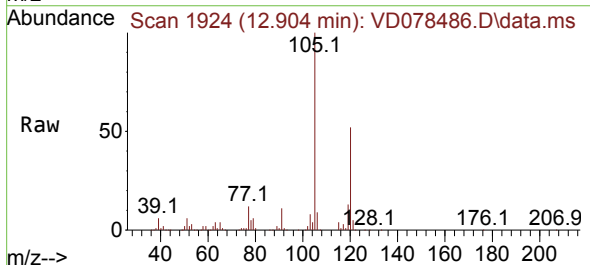
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

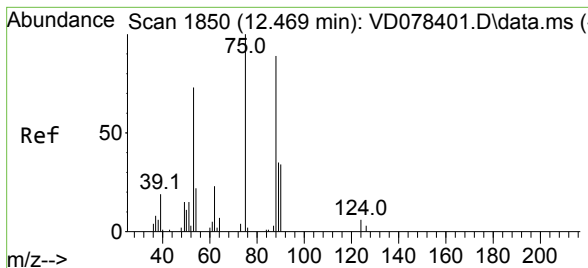
Tgt Ion: 91 Resp: 159663
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 57.010 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 105 Resp: 189659
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2

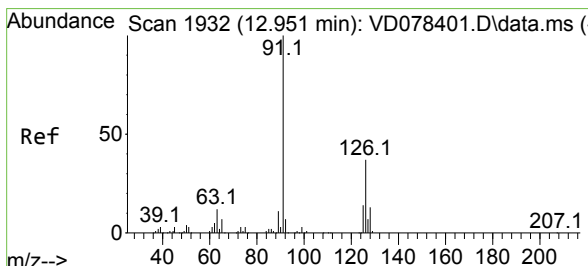
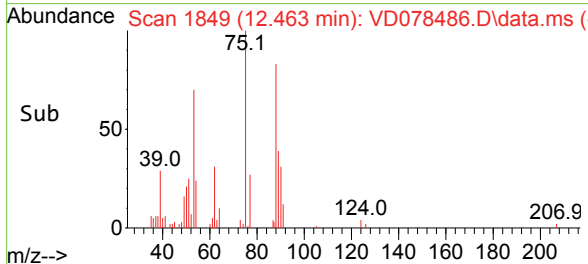
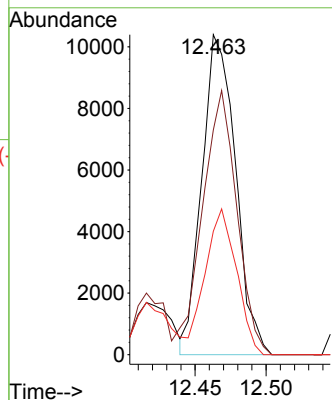
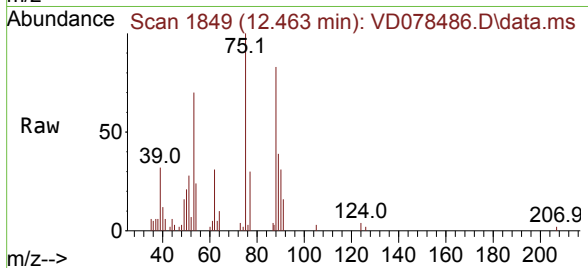




#81
trans-1,4-Dichloro-2-butene
Concen: 70.063 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

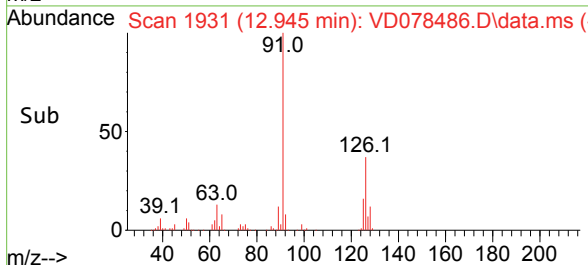
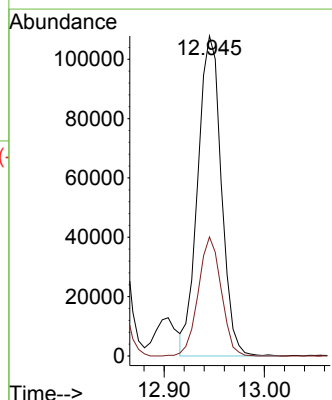
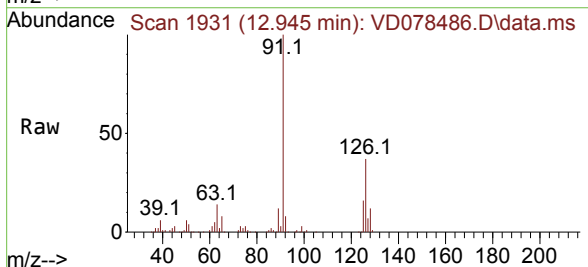
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

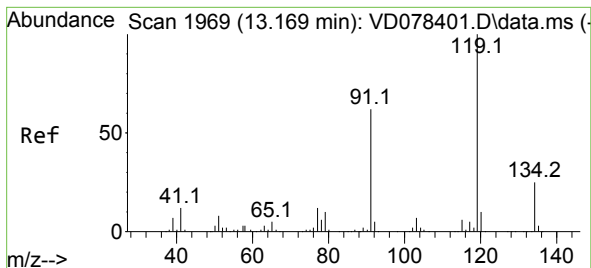
Tgt Ion:	75	Resp:	17095
Ion	Ratio	Lower	Upper
75	100		
53	84.6	63.0	94.4
89	42.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 61.321 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion:	91	Resp:	176118
Ion	Ratio	Lower	Upper
91	100		
126	36.2	19.4	58.4





#83

tert-Butylbenzene

Concen: 51.773 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078486.D

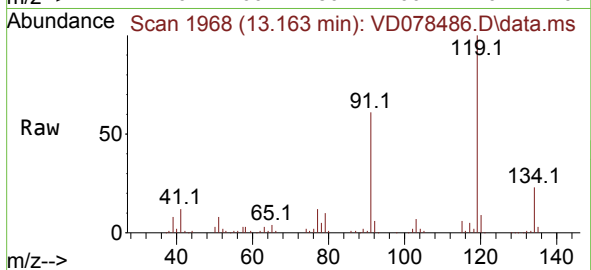
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M



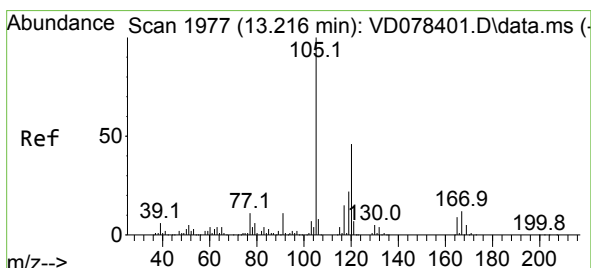
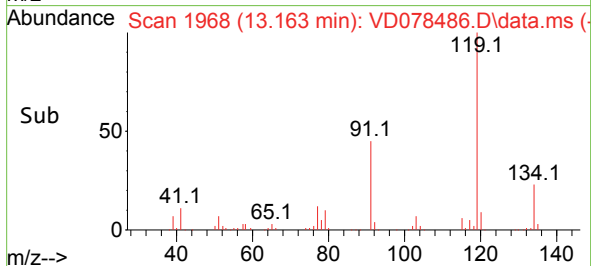
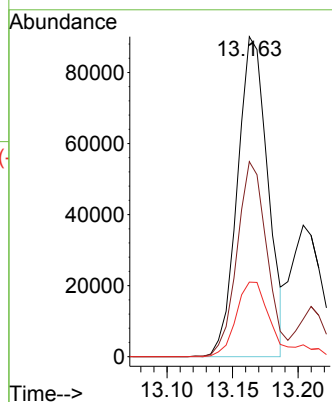
Tgt Ion:119 Resp: 145259

Ion Ratio Lower Upper

119 100

91 60.1 29.3 87.8

134 27.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 57.480 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078486.D

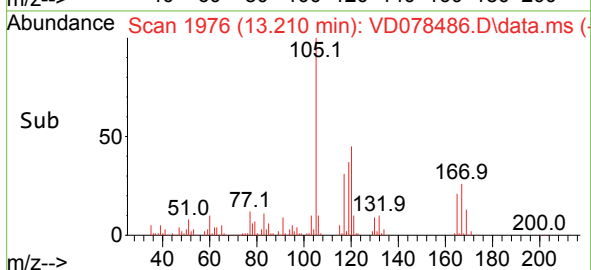
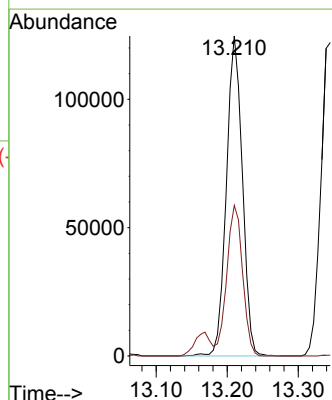
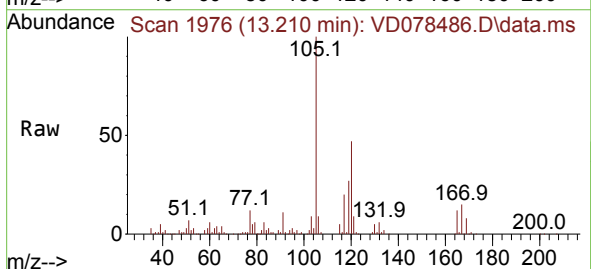
Acq: 20 Feb 2024 16:32

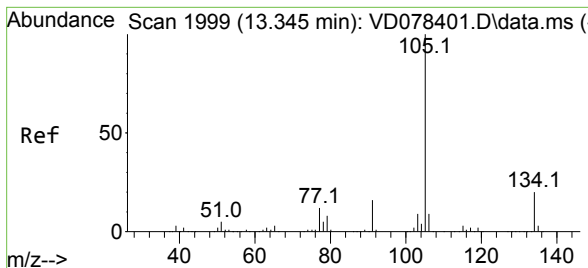
Tgt Ion:105 Resp: 194073

Ion Ratio Lower Upper

105 100

120 46.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 44.220 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

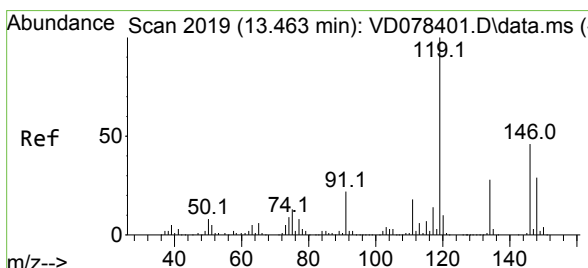
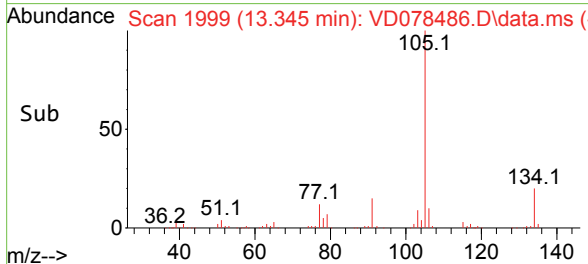
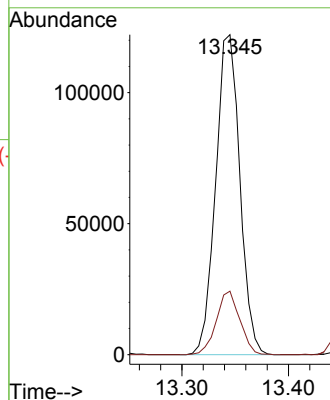
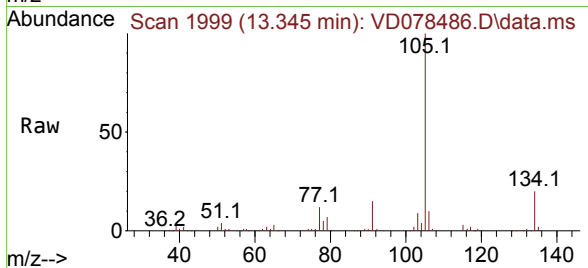
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion:105 Resp: 192411

Ion Ratio Lower Upper

105 100

134 19.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 45.503 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

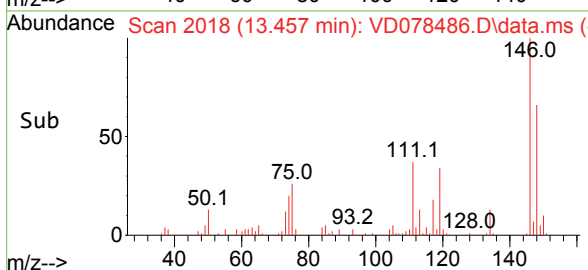
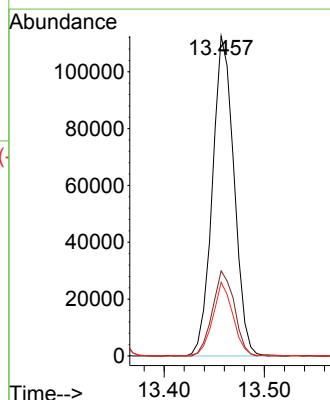
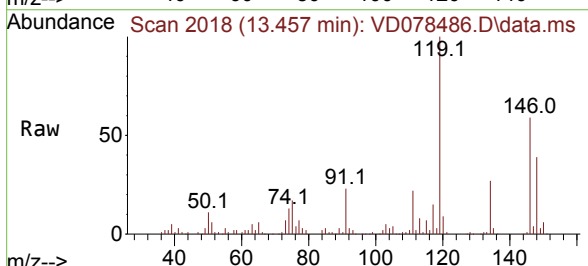
Tgt Ion:119 Resp: 168640

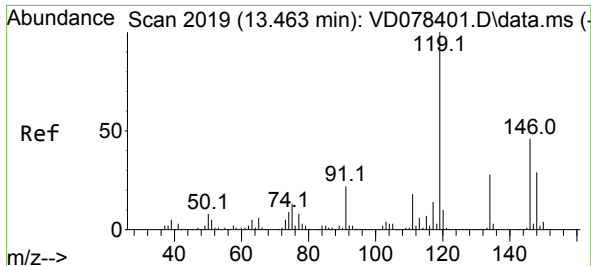
Ion Ratio Lower Upper

119 100

134 26.9 14.2 42.6

91 21.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 54.606 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078486.D

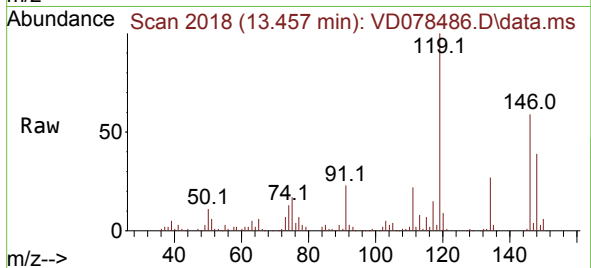
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M



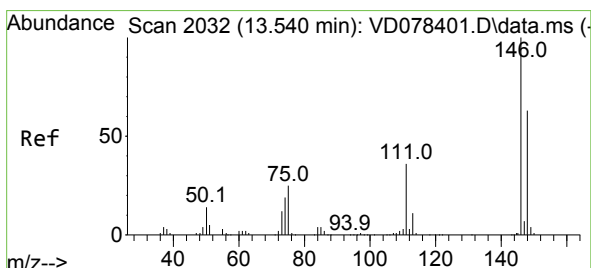
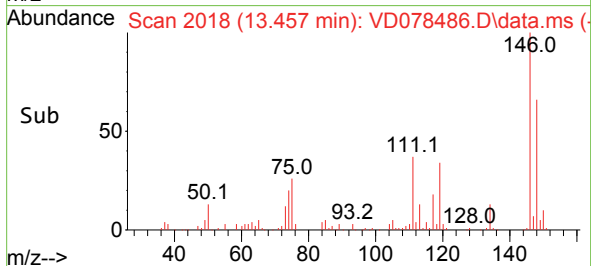
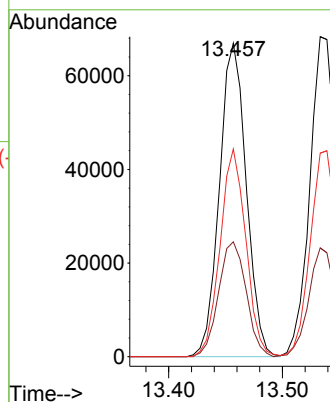
Tgt Ion:146 Resp: 109736

Ion Ratio Lower Upper

146 100

111 37.7 17.9 53.8

148 63.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 57.399 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

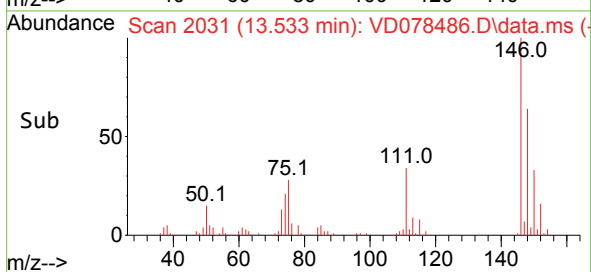
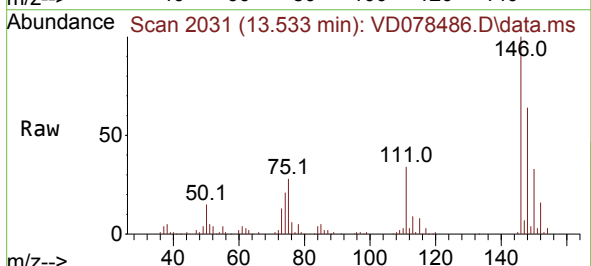
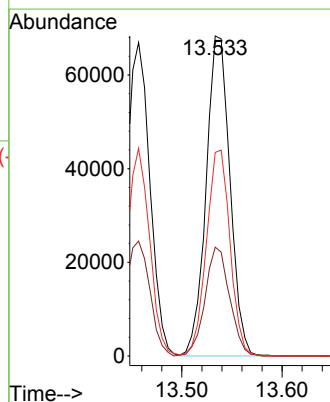
Tgt Ion:146 Resp: 113338

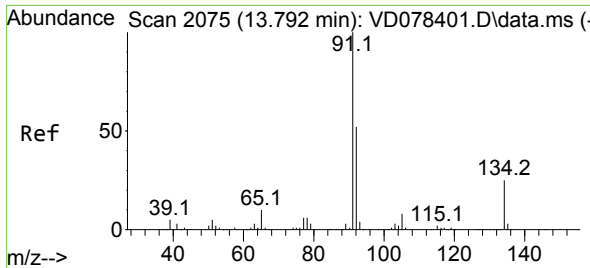
Ion Ratio Lower Upper

146 100

111 34.9 17.4 52.3

148 63.5 31.7 95.1

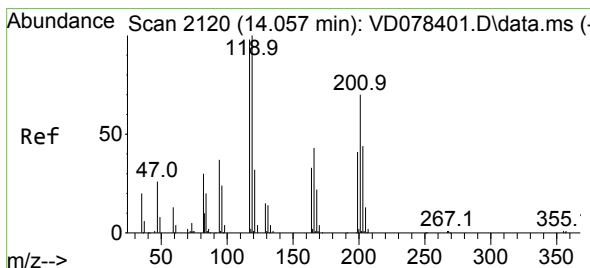
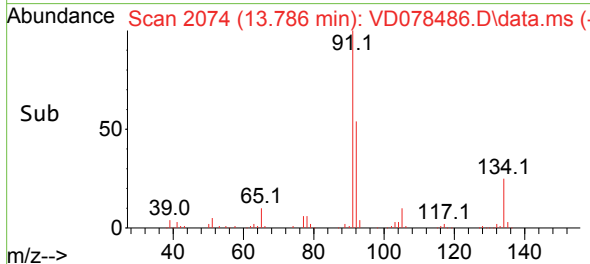
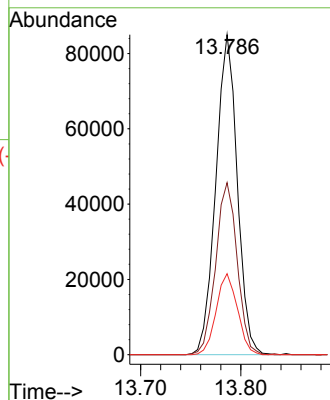
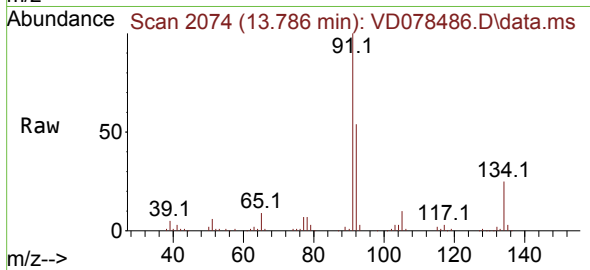




#89
n-Butylbenzene
Concen: 35.348 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

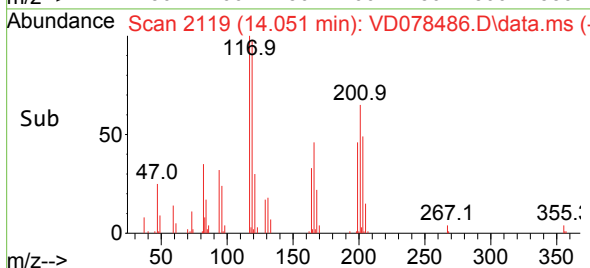
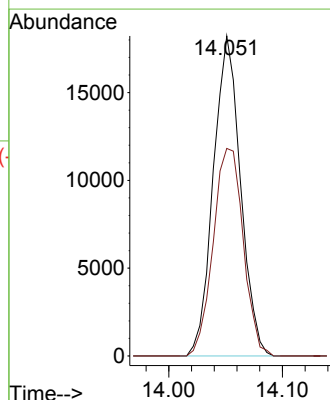
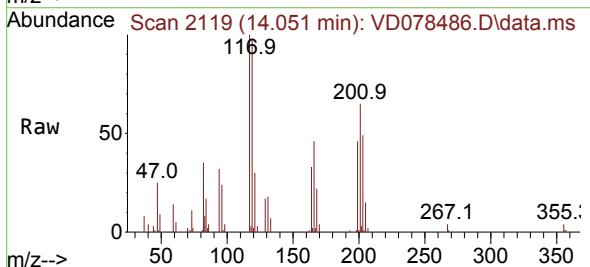
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

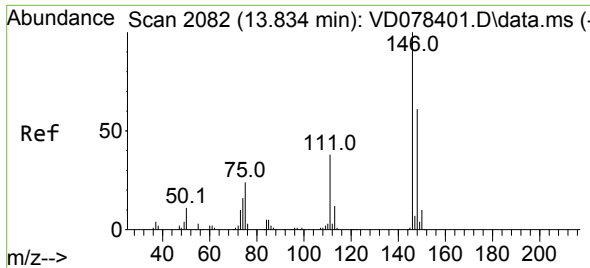
Tgt Ion: 91 Resp: 126268
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.5
134 25.1 13.8 41.3



#90
Hexachloroethane
Concen: 39.731 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 117 Resp: 30264
Ion Ratio Lower Upper
117 100
201 71.7 38.5 115.5

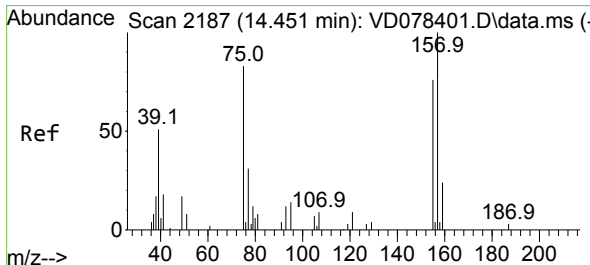
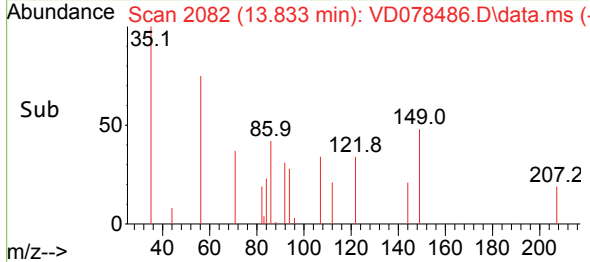
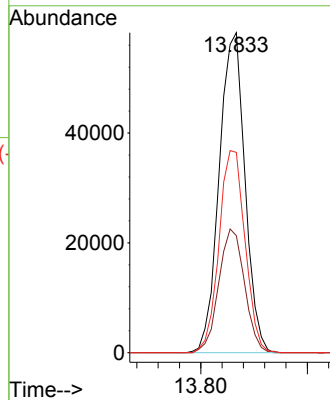
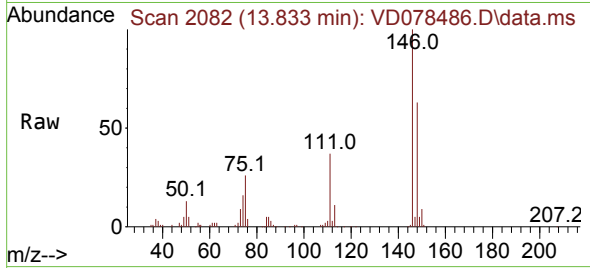




#91
1,2-Dichlorobenzene
Concen: 57.900 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

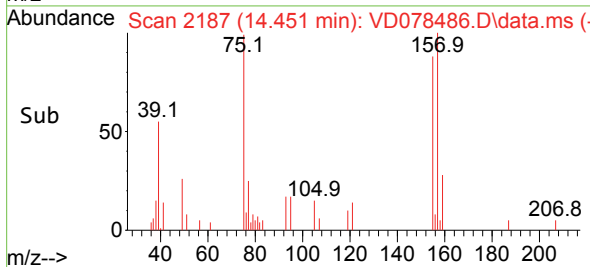
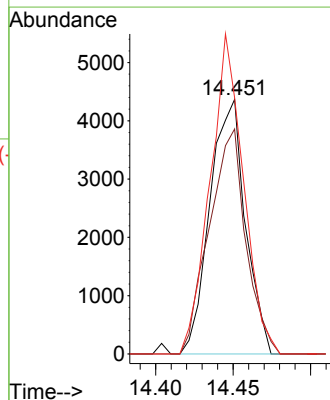
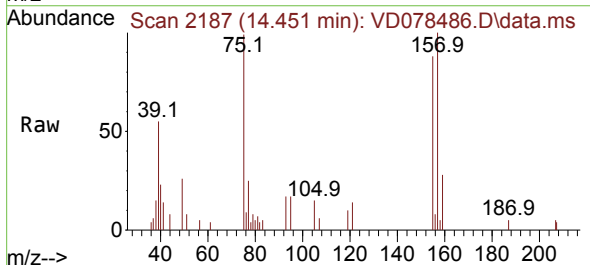
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

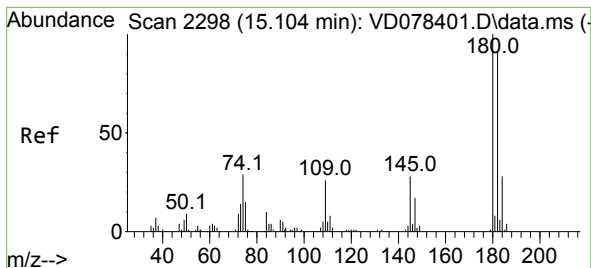
Tgt Ion:146	Resp:	97708
Ion	Ratio	Lower Upper
146	100	
111	38.8	18.3 54.8
148	63.8	31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 66.710 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078486.D
Acq: 20 Feb 2024 16:32

Tgt Ion: 75	Resp:	6942
Ion	Ratio	Lower Upper
75	100	
155	91.4	47.9 143.8
157	118.2	59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 34.735 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078486.D

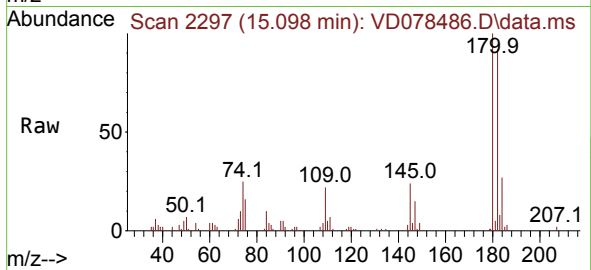
Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

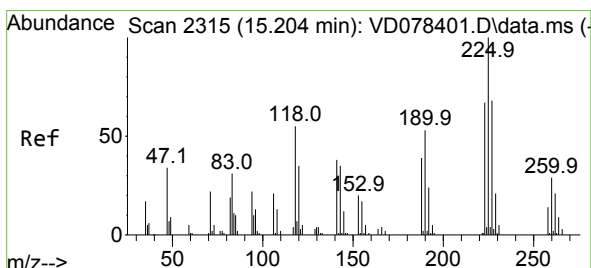
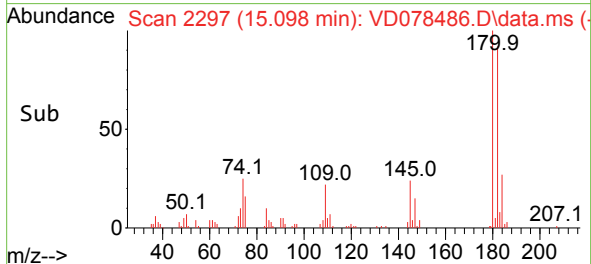
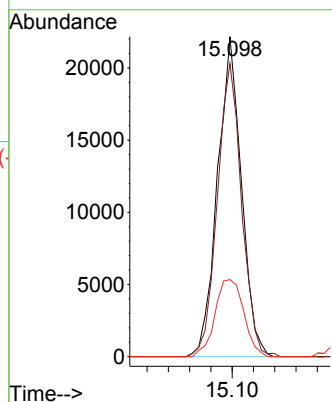
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M



Tgt Ion:180 Resp: 34449

Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.5	145.6
145	29.0	14.2	42.6



#94

Hexachlorobutadiene

Concen: 18.612 ug/l

RT: 15.204 min Scan# 2315

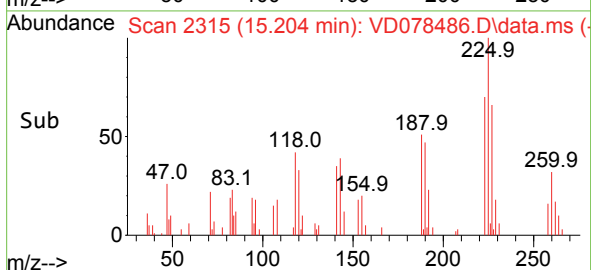
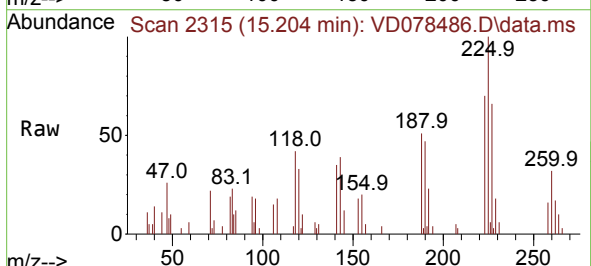
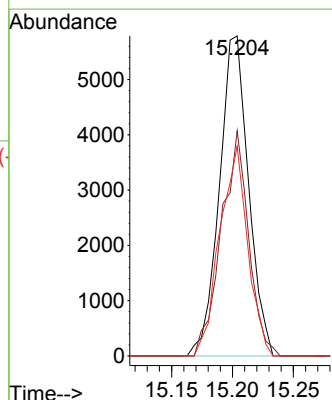
Delta R.T. -0.000 min

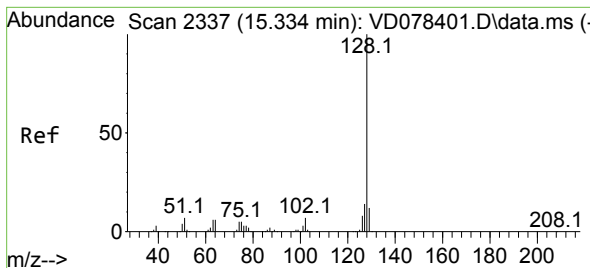
Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Tgt Ion:225 Resp: 9635

Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.6	94.8
227	63.0	31.7	95.1





#95

Naphthalene

Concen: 44.300 ug/l

RT: 15.327 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03M

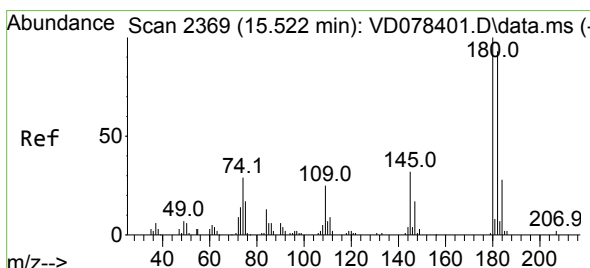
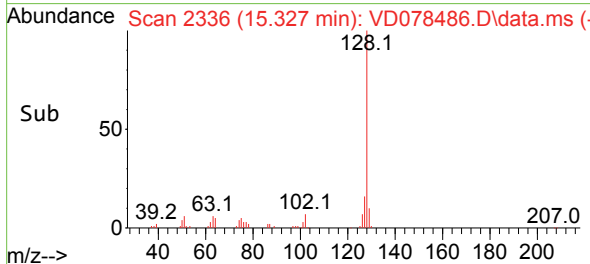
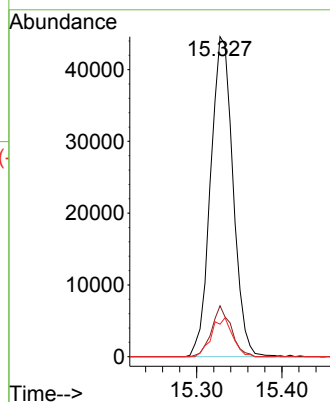
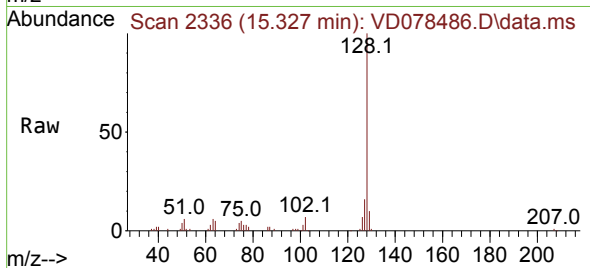
Tgt Ion:128 Resp: 81489

Ion Ratio Lower Upper

128 100

127 15.9 10.5 15.7#

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 32.322 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078486.D

Acq: 20 Feb 2024 16:32

Tgt Ion:180 Resp: 27167

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 31.7 15.1 45.3

