

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078487.D
 Acq On : 20 Feb 2024 16:59
 Operator : RP/MD
 Sample : P1523-05MSD
 Misc : 5.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 21 05:26:04 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	80839	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	137678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	120290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	43579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52684	60.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.540%	
35) Dibromofluoromethane	7.810	113	56006	64.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.080%	
50) Toluene-d8	10.269	98	200785	57.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.780%	
62) 4-Bromofluorobenzene	12.569	95	49906	49.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	52432	65.828	ug/l	96
3) Chloromethane	2.152	50	98814	67.507	ug/l	100
4) Vinyl Chloride	2.281	62	142066	63.604	ug/l	98
5) Bromomethane	2.693	94	97813	63.442	ug/l	100
6) Chloroethane	2.834	64	103102	63.302	ug/l	96
7) Trichlorofluoromethane	3.169	101	90625	60.146	ug/l	95
8) Diethyl Ether	3.593	74	28052	64.637	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	53102	55.865	ug/l	97
10) Methyl Iodide	4.157	142	55216	64.857	ug/l	94
11) Tert butyl alcohol	5.057	59	15047	319.188	ug/l	# 93
12) 1,1-Dichloroethene	3.940	96	52596	59.683	ug/l	96
13) Acrolein	3.804	56	3850	47.679	ug/l	# 82
14) Allyl chloride	4.563	41	65089	59.787	ug/l	93
15) Acrylonitrile	5.251	53	66472	357.791	ug/l	99
16) Acetone	4.028	43	73651	474.287	ug/l	92
17) Carbon Disulfide	4.269	76	179752	60.618	ug/l	99
18) Methyl Acetate	4.563	43	61483	91.654	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	128315	68.533	ug/l	99
20) Methylene Chloride	4.804	84	70973	73.107	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	62145	59.944	ug/l	97
22) Diisopropyl ether	6.222	45	157880	65.797	ug/l	97
23) Vinyl Acetate	6.157	43	270404	276.440	ug/l	94
24) 1,1-Dichloroethane	6.110	63	107656	63.334	ug/l	97
25) 2-Butanone	7.081	43	83966	387.809	ug/l	88
26) 2,2-Dichloropropane	7.081	77	85425	59.949	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	69606	61.196	ug/l	94
28) Bromochloromethane	7.434	49	42335	62.881	ug/l	86
29) Tetrahydrofuran	7.445	42	46411	357.041	ug/l	94
30) Chloroform	7.598	83	116967	65.037	ug/l	97
31) Cyclohexane	7.875	56	64851	43.860	ug/l	98
32) 1,1,1-Trichloroethane	7.786	97	95105	62.023	ug/l	98
36) 1,1-Dichloropropene	8.010	75	79005	58.151	ug/l	97
37) Ethyl Acetate	7.175	43	33897	71.174	ug/l	95
38) Carbon Tetrachloride	7.992	117	77442	57.558	ug/l	93
39) Methylcyclohexane	9.275	83	60386	37.440	ug/l	98
40) Benzene	8.251	78	254678	64.854	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	17047	68.777	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	70104	68.993	ug/l	96
43) Isopropyl Acetate	8.363	43	60922	69.080	ug/l	94
44) Trichloroethene	9.028	130	62877	62.762	ug/l	88
45) 1,2-Dichloropropane	9.304	63	63999	66.424	ug/l	97
46) Dibromomethane	9.392	93	37187	68.618	ug/l	91
47) Bromodichloromethane	9.586	83	91978	68.523	ug/l	99
48) Methyl methacrylate	9.381	41	35993	76.928	ug/l	83
49) 1,4-Dioxane	9.381	88	8147	1388.146	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	170658	364.601	ug/l	94
52) Toluene	10.333	92	153508	61.815	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	78312	63.938	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	94982	63.953	ug/l #	92
55) 1,1,2-Trichloroethane	10.733	97	54373	74.502	ug/l	96
56) Ethyl methacrylate	10.598	69	41970	62.179	ug/l	92
57) 1,3-Dichloropropane	10.880	76	86616	69.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	162251	408.083	ug/l	97
59) 2-Hexanone	10.922	43	122792	349.080	ug/l	93
60) Dibromochloromethane	11.075	129	59630	67.908	ug/l	92
61) 1,2-Dibromoethane	11.175	107	49363	72.045	ug/l	98
64) Tetrachloroethene	10.810	164	43825	57.681	ug/l	94
65) Chlorobenzene	11.604	112	150109	62.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	58754	66.111	ug/l	99
67) Ethyl Benzene	11.680	91	248154	57.271	ug/l	98
68) m/p-Xylenes	11.792	106	199200	117.860	ug/l	97
69) o-Xylene	12.122	106	90130	58.436	ug/l	94
70) Styrene	12.133	104	132420	52.606	ug/l	96
71) Bromoform	12.298	173	34580	73.926	ug/l #	93
73) Isopropylbenzene	12.422	105	200399	68.482	ug/l	95
74) N-amyl acetate	12.233	43	48684	87.940	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	55258	95.194	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	64561	174.502	ug/l #	100
77) Bromobenzene	12.698	156	56370	81.967	ug/l	90
78) n-propylbenzene	12.763	91	217247	59.574	ug/l	96
79) 2-Chlorotoluene	12.845	91	126962	65.003	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	145632	59.934	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	15431	86.588	ug/l	95
82) 4-Chlorotoluene	12.945	91	133075	63.437	ug/l	96
83) tert-Butylbenzene	13.163	119	107368	52.394	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	146249	59.304	ug/l	99
85) sec-Butylbenzene	13.345	105	141654	44.572	ug/l	95
86) p-Isopropyltoluene	13.463	119	121477	44.876	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	81872	55.779	ug/l	100
88) 1,4-Dichlorobenzene	13.533	146	82152	56.962	ug/l	98
89) n-Butylbenzene	13.786	91	94073	36.056	ug/l	96
90) Hexachloroethane	14.051	117	21534	38.705	ug/l	90
91) 1,2-Dichlorobenzene	13.827	146	73811	59.884	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6877	90.479	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	21579	29.790	ug/l	97
94) Hexachlorobutadiene	15.198	225	7958	21.047	ug/l	98
95) Naphthalene	15.327	128	63280	47.099	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	17199	28.015	ug/l	91

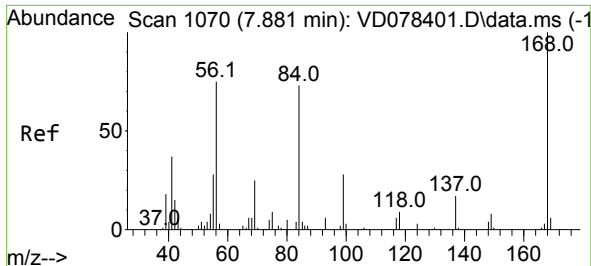
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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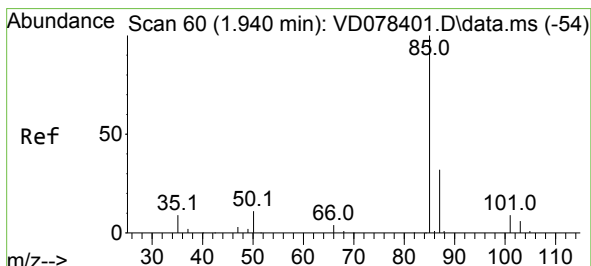
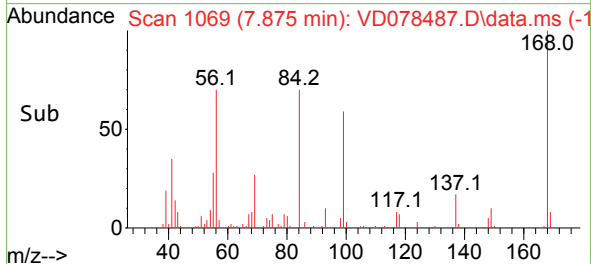
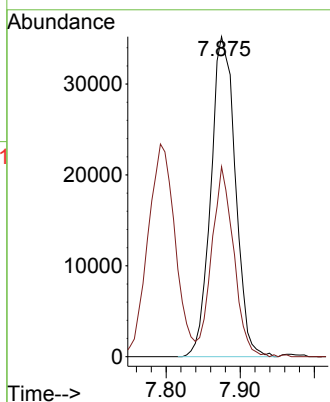
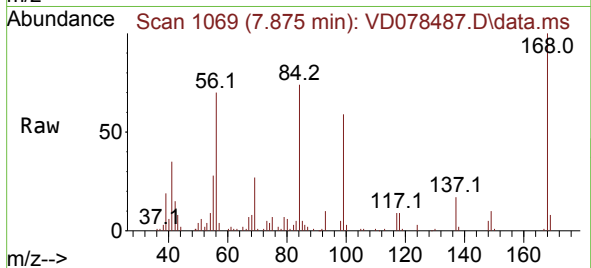
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
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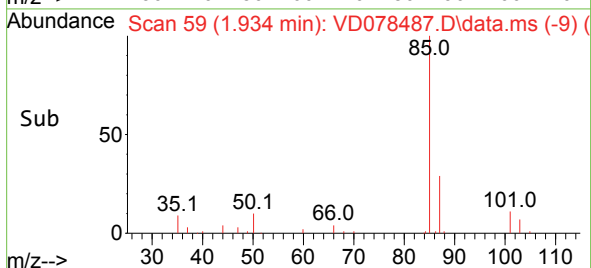
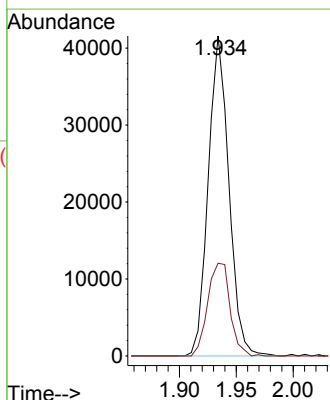
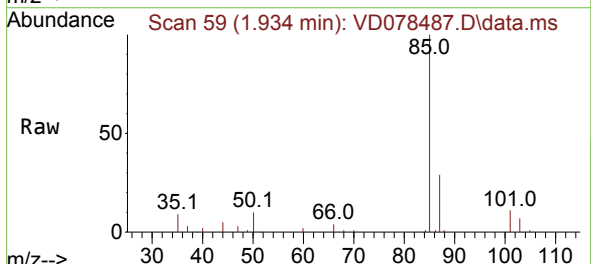
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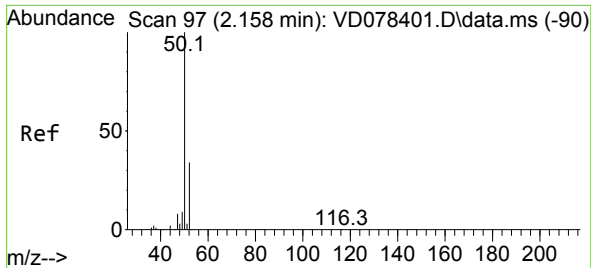
Tgt Ion:168 Resp: 80839
Ion Ratio Lower Upper
168 100
99 59.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 65.828 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 85 Resp: 52432
Ion Ratio Lower Upper
85 100
87 29.0 15.7 47.0

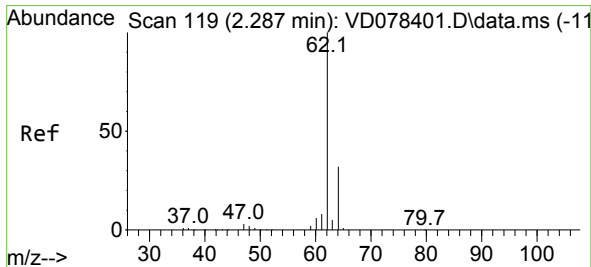
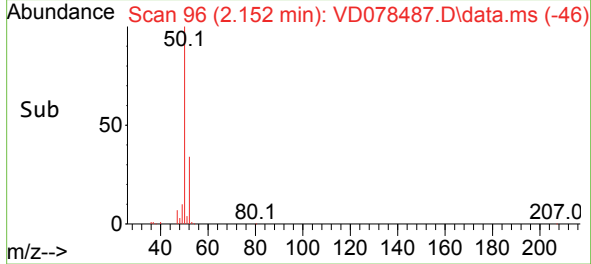
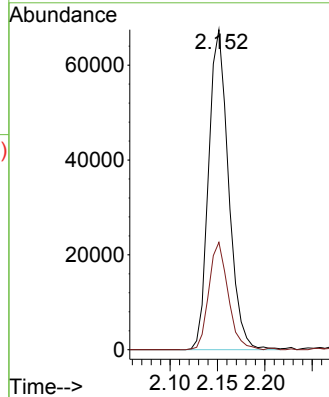
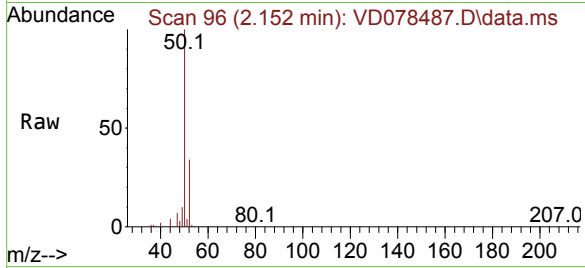




#3
Chloromethane
Concen: 67.507 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

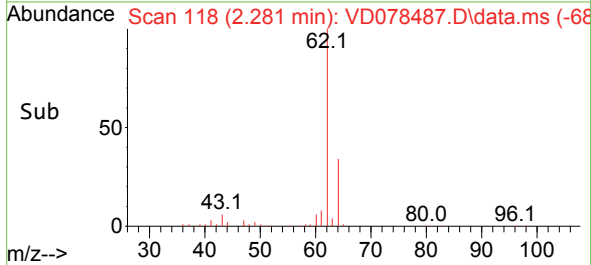
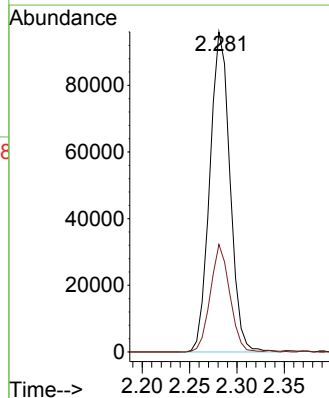
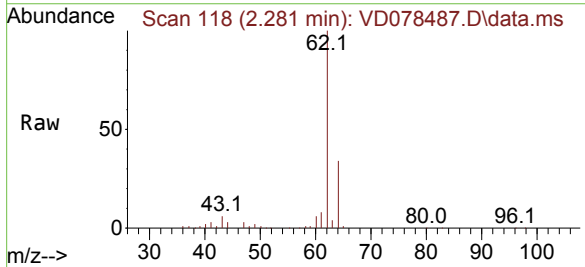
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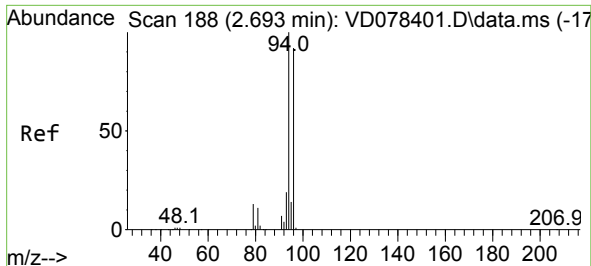
Tgt Ion: 50 Resp: 98814
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 63.604 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 62 Resp: 142066
Ion Ratio Lower Upper
62 100
64 33.6 26.0 39.0

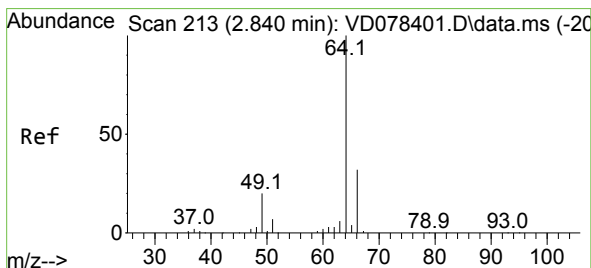
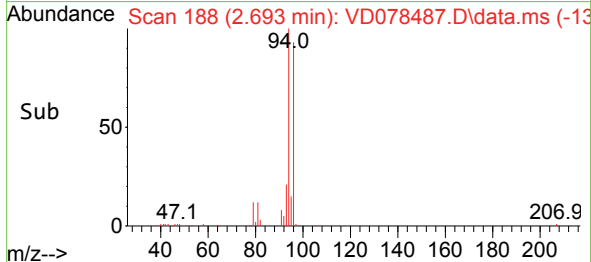
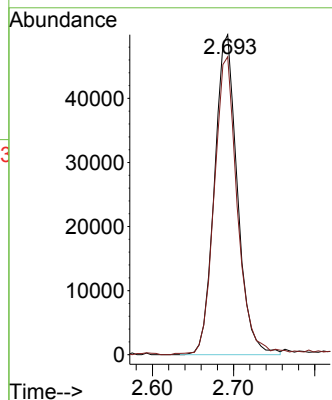
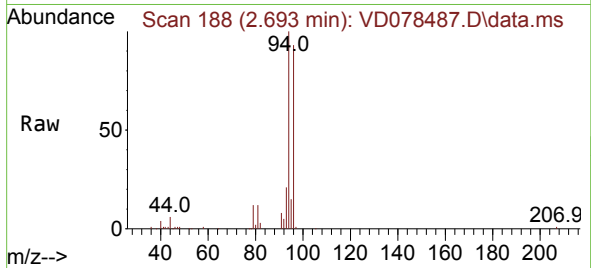




#5
Bromomethane
Concen: 63.442 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

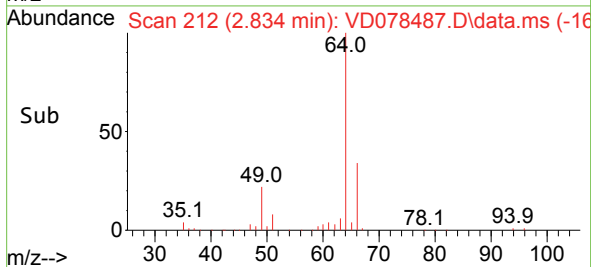
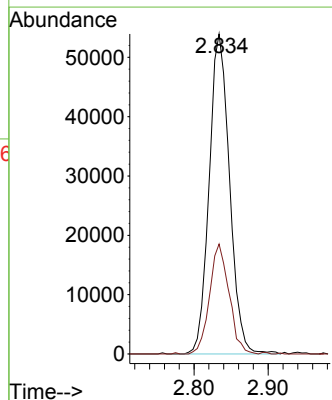
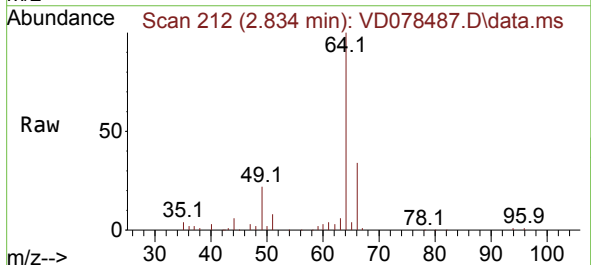
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Tgt Ion: 94 Resp: 97813
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.8



#6
Chloroethane
Concen: 63.302 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 64 Resp: 103102
Ion Ratio Lower Upper
64 100
66 34.3 25.5 38.3

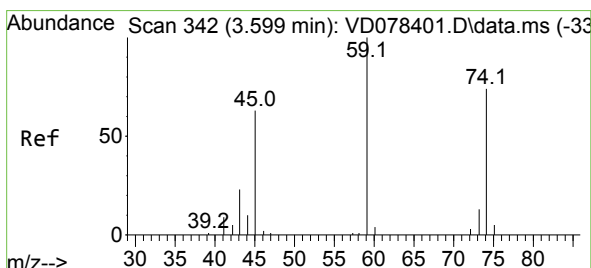
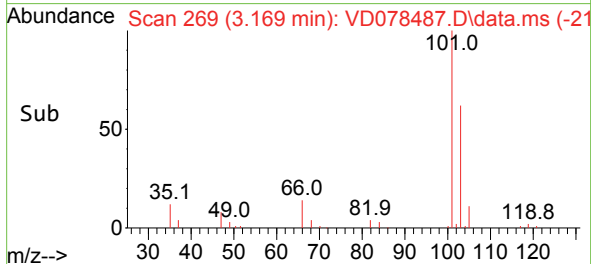
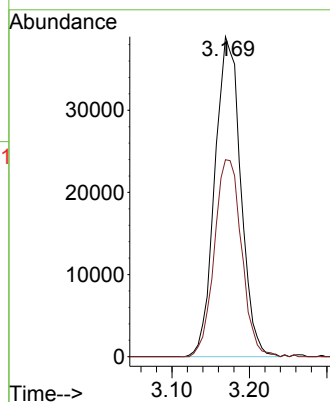
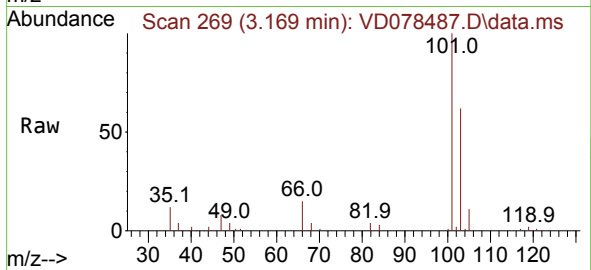




#7
 Trichlorofluoromethane
 Concen: 60.146 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078487.D
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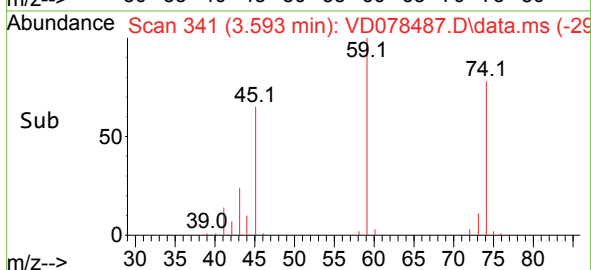
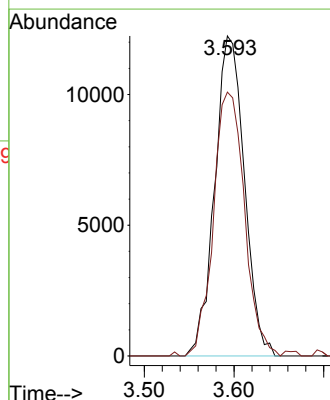
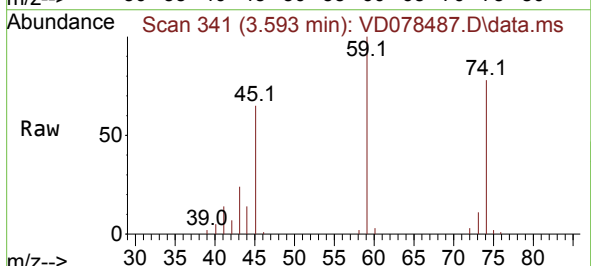
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Tgt Ion:101 Resp: 90625
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 64.637 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078487.D
 Acq: 20 Feb 2024 16:59

Tgt Ion: 74 Resp: 28052
 Ion Ratio Lower Upper
 74 100
 45 86.4 37.5 112.7

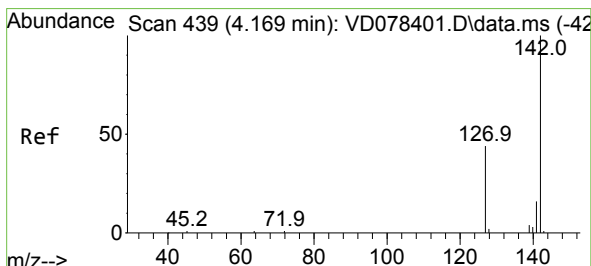
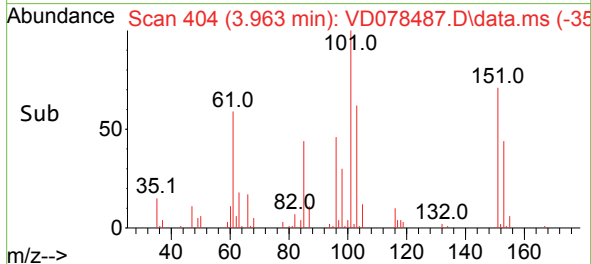
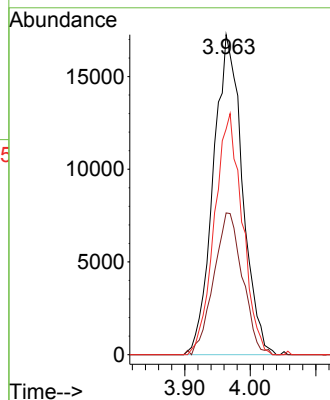
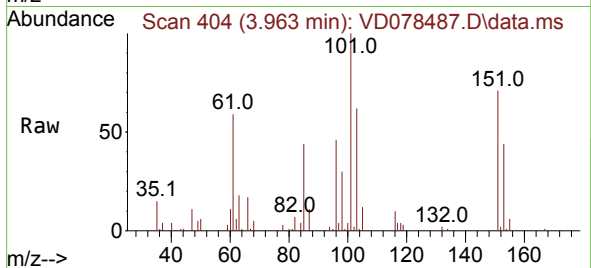




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.865 ug/l
RT: 3.963 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD078487.D
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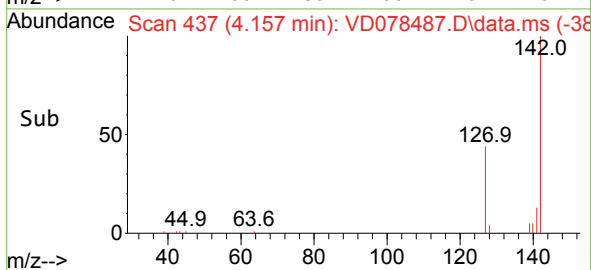
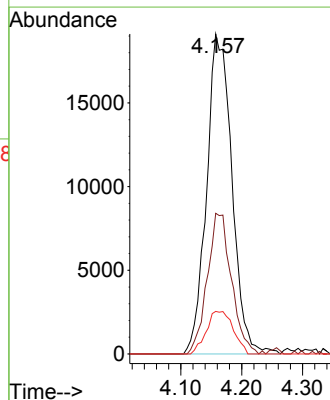
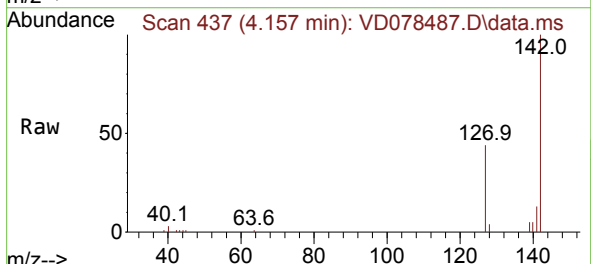
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ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

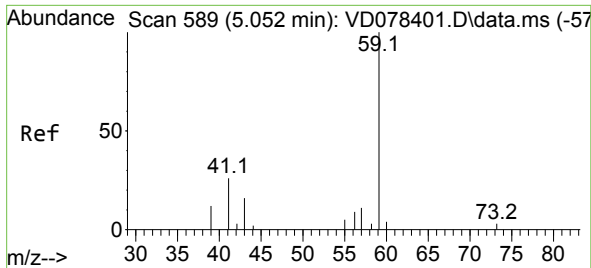
Tgt Ion:101 Resp: 53102
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 72.4 59.8 89.6



#10
Methyl Iodide
Concen: 64.857 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:142 Resp: 55216
Ion Ratio Lower Upper
142 100
127 41.8 29.4 44.0
141 14.1 11.1 16.7

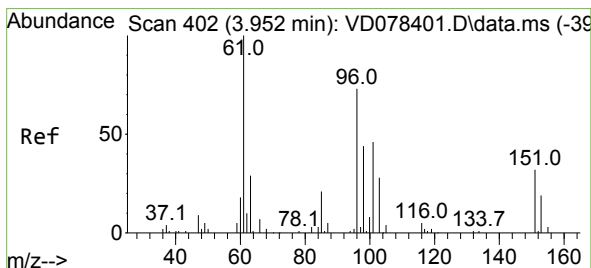
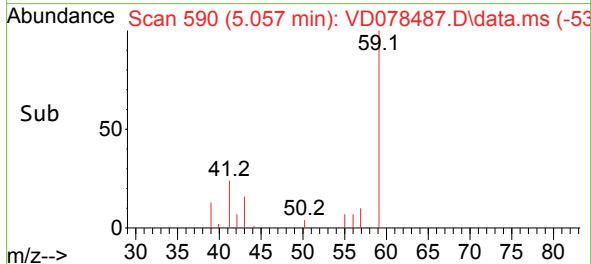
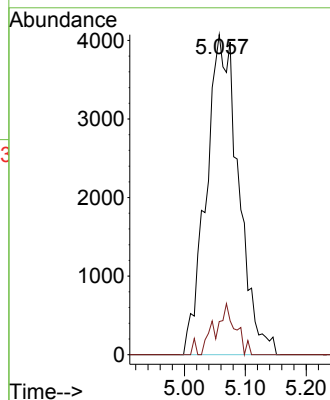
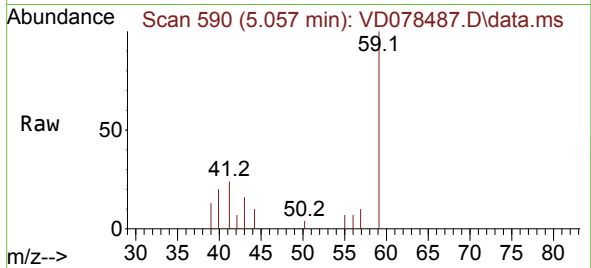




#11
Tert butyl alcohol
Concen: 319.188 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

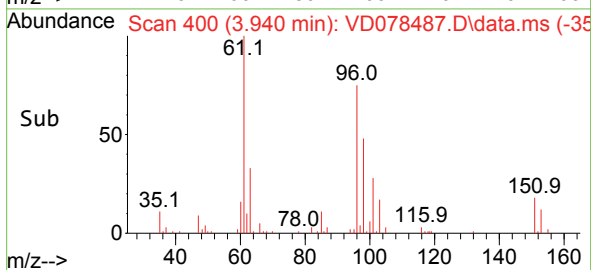
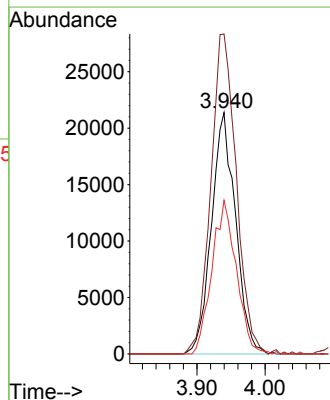
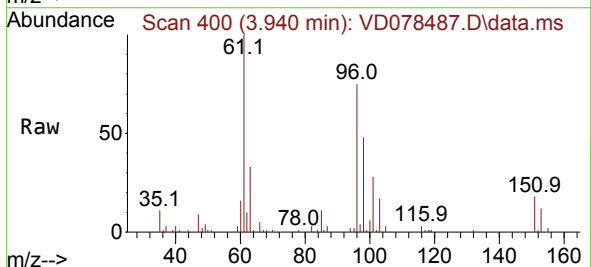
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

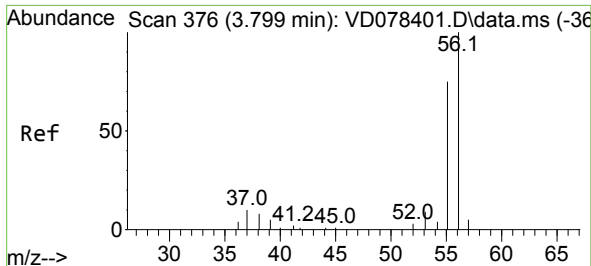
Tgt Ion: 59 Resp: 15047
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 59.683 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 96 Resp: 52596
Ion Ratio Lower Upper
96 100
61 132.5 100.6 150.8
98 63.6 50.2 75.2





#13

Acrolein

Concen: 47.679 ug/l

RT: 3.804 min Scan# 31

Delta R.T. 0.005 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

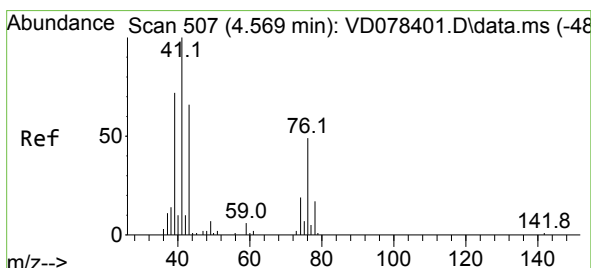
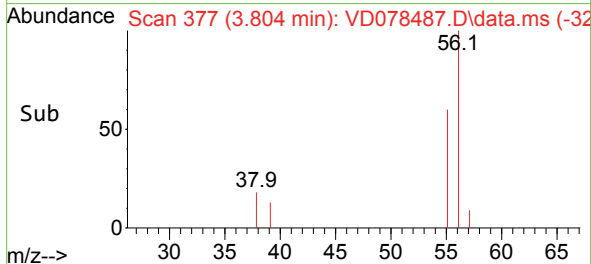
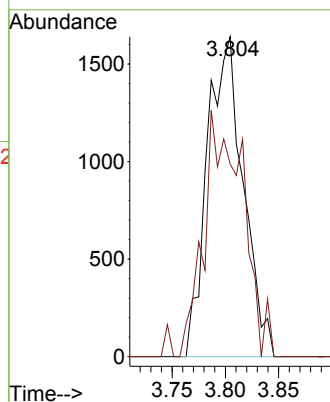
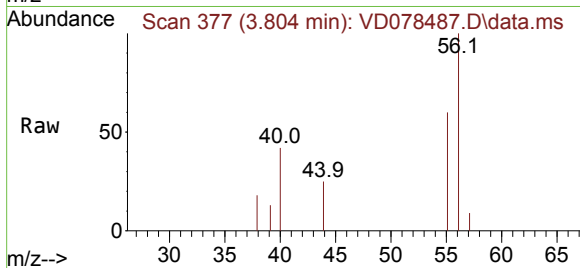
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 56 Resp: 3850

Ion Ratio Lower Upper

56 100

55 83.5 55.1 82.7#



#14

Allyl chloride

Concen: 59.787 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

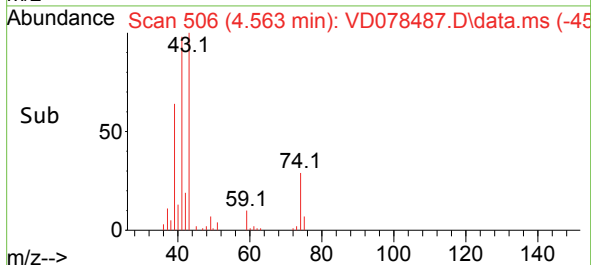
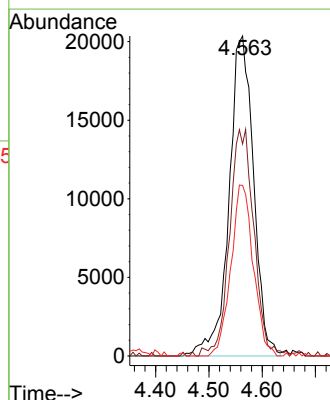
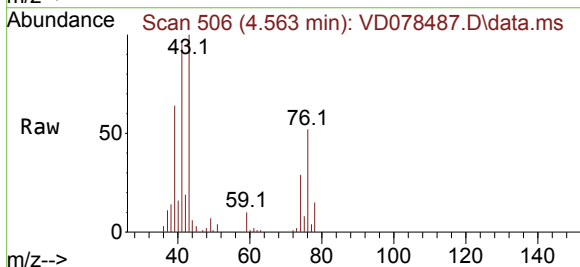
Tgt Ion: 41 Resp: 65089

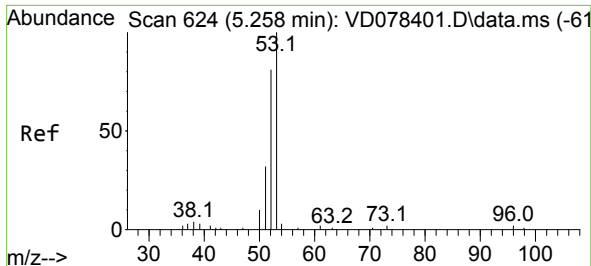
Ion Ratio Lower Upper

41 100

39 70.5 53.8 80.6

76 48.9 45.8 68.8

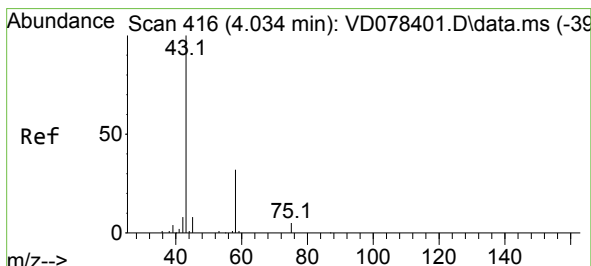
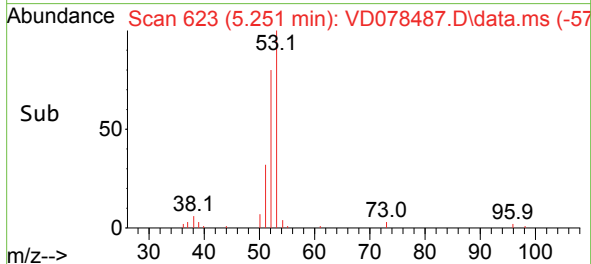
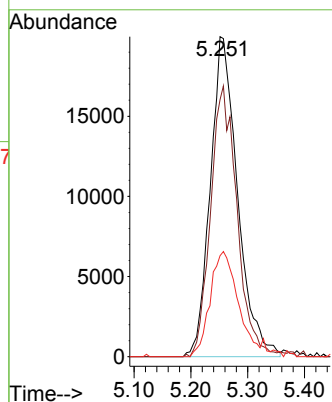
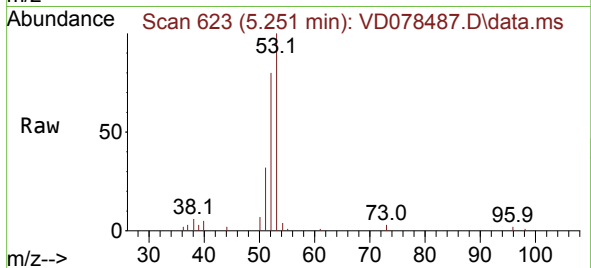




#15
Acrylonitrile
Concen: 357.791 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

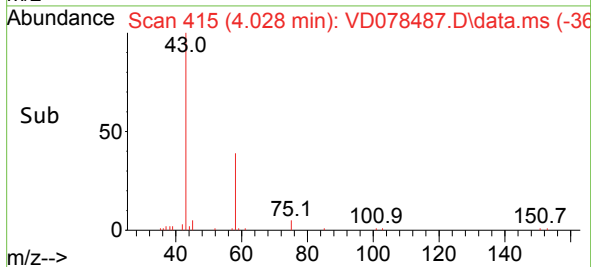
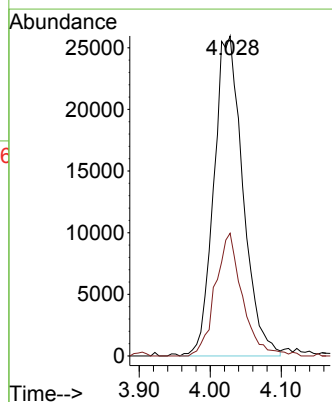
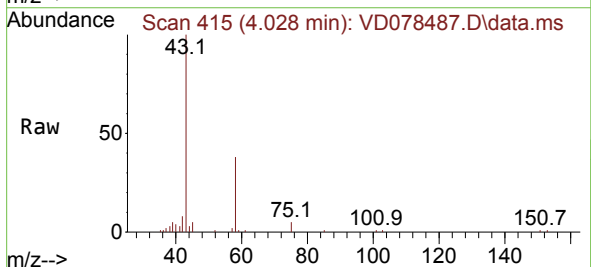
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

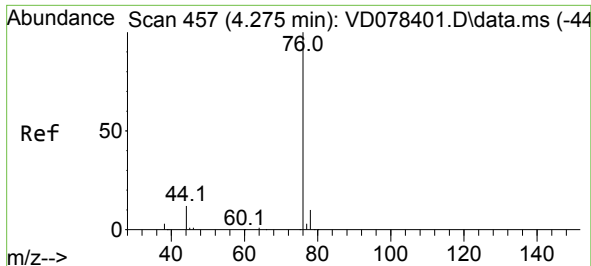
Tgt Ion:	53	Resp:	66472
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.0	97.4
51	34.6	28.3	42.5



#16
Acetone
Concen: 474.287 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:	43	Resp:	73651
Ion	Ratio	Lower	Upper
43	100		
58	38.4	34.7	52.1





#17

Carbon Disulfide

Concen: 60.618 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

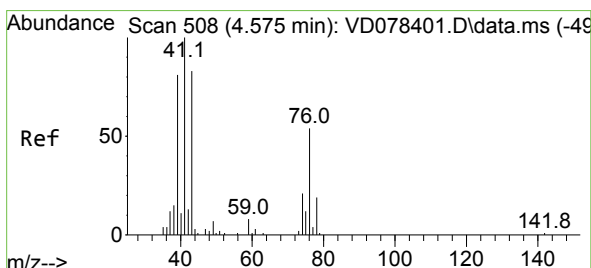
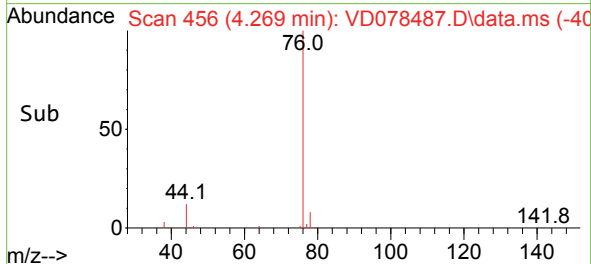
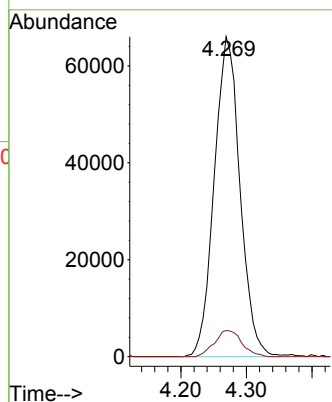
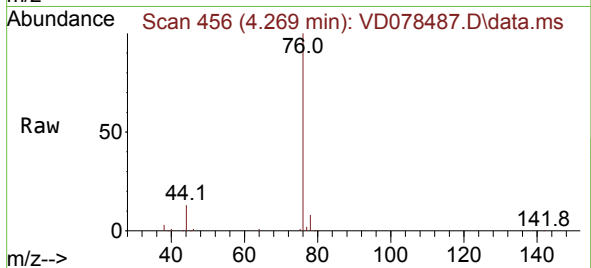
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 76 Resp: 179752

Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2



#18

Methyl Acetate

Concen: 91.654 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.012 min

Lab File: VD078487.D

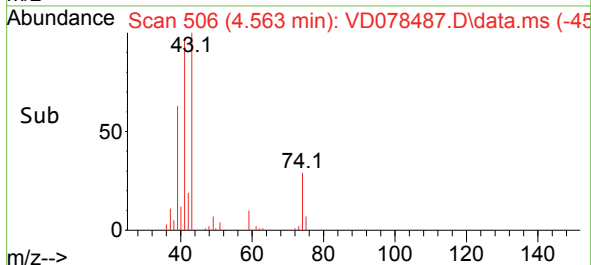
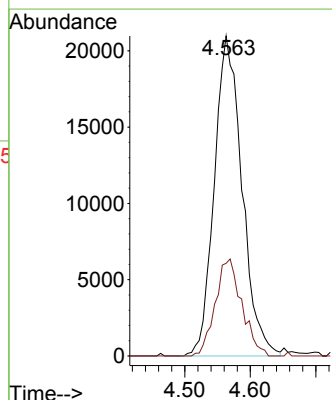
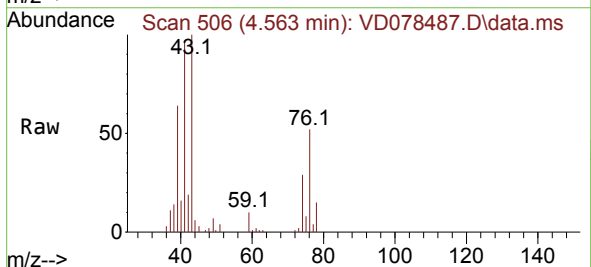
Acq: 20 Feb 2024 16:59

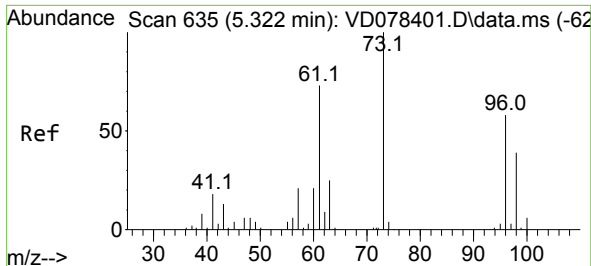
Tgt Ion: 43 Resp: 61483

Ion Ratio Lower Upper

43 100

74 29.0 26.4 39.6

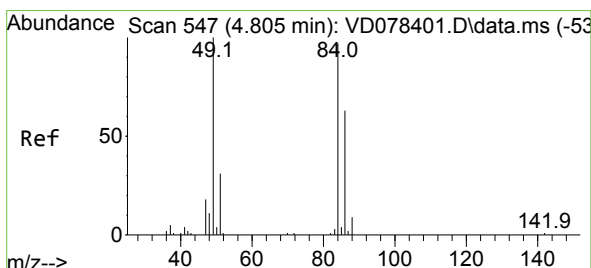
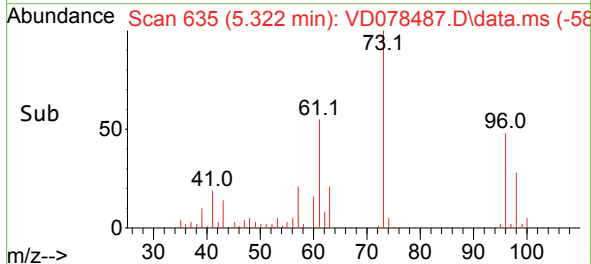
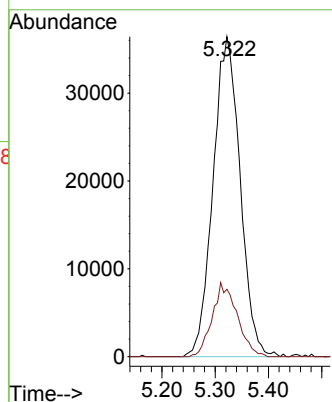
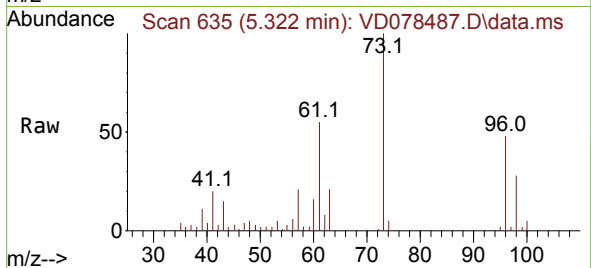




#19
Methyl tert-butyl Ether
Concen: 68.533 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

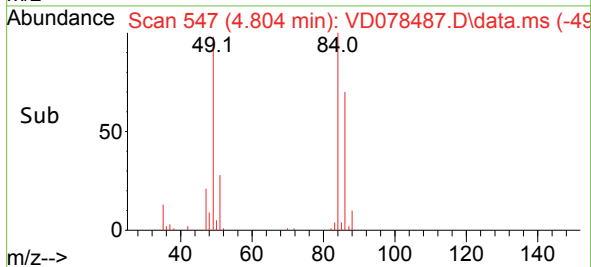
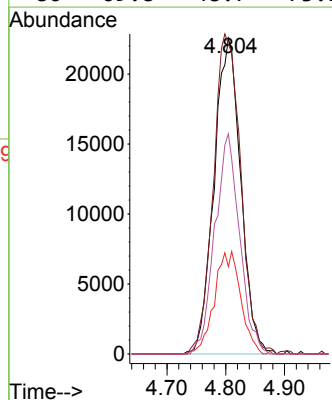
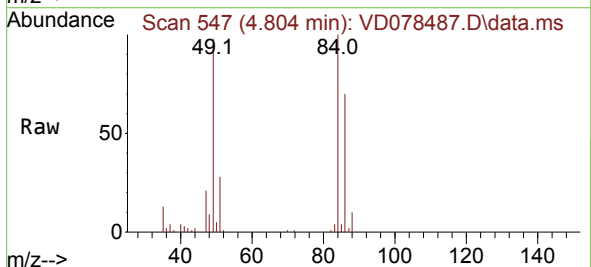
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 73 Resp: 128315
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 73.107 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 84 Resp: 70973
Ion Ratio Lower Upper
84 100
49 98.2 71.4 107.2
51 27.7 24.5 36.7
86 69.8 48.7 73.1

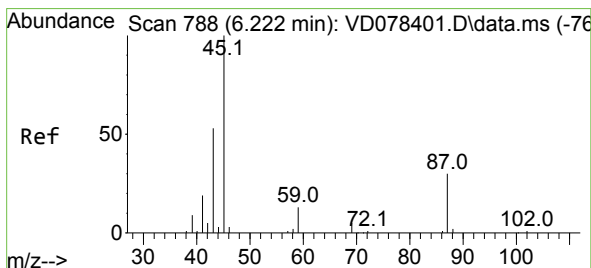
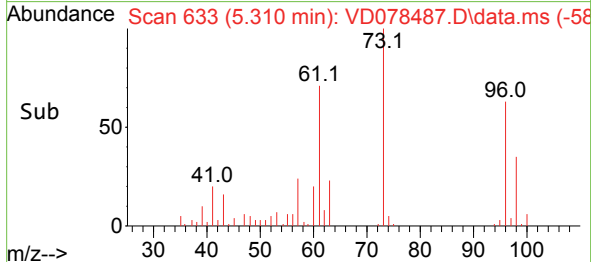
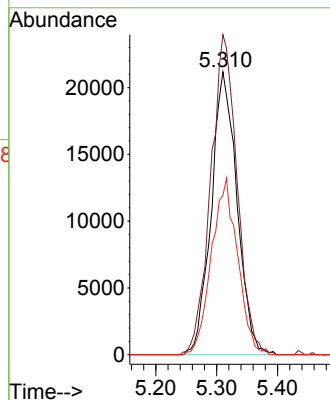
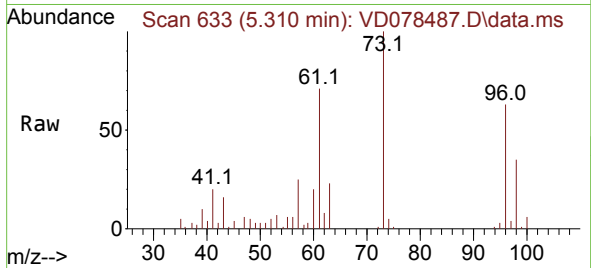




#21
trans-1,2-Dichloroethene
Concen: 59.944 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

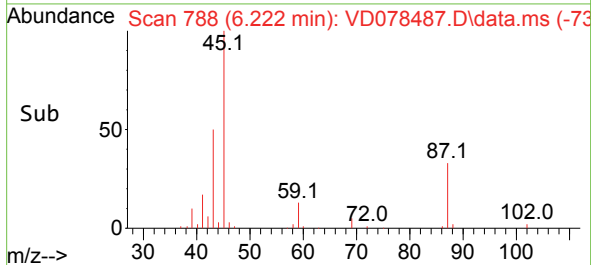
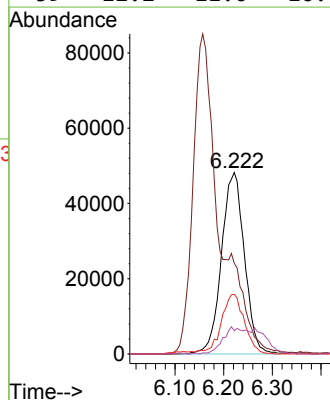
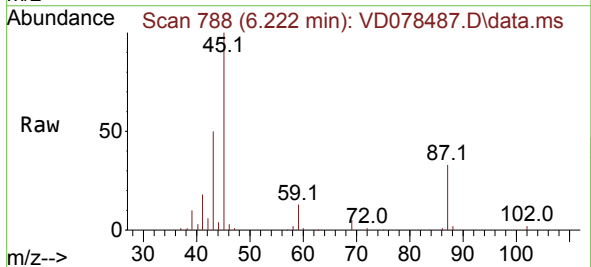
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

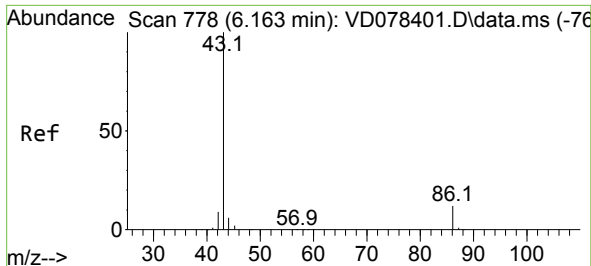
Tgt Ion: 96 Resp: 62145
Ion Ratio Lower Upper
96 100
61 113.1 89.3 133.9
98 56.3 48.6 73.0



#22
Diisopropyl ether
Concen: 65.797 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 45 Resp: 157880
Ion Ratio Lower Upper
45 100
43 48.8 40.0 60.0
87 32.9 28.2 42.4
59 12.2 11.0 16.4

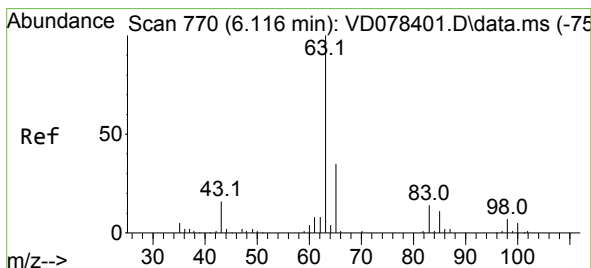
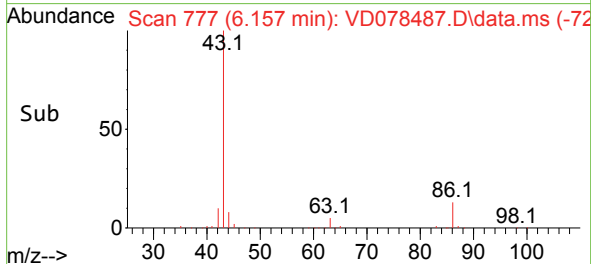
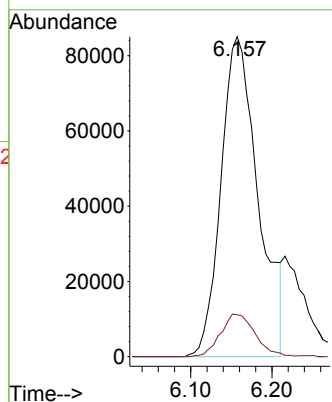
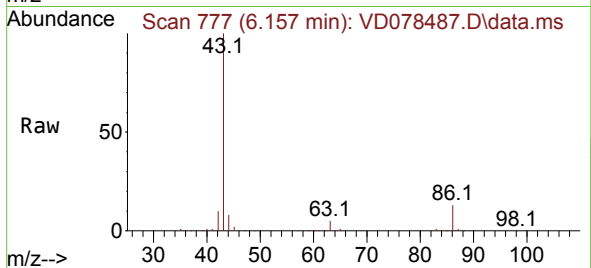




#23
 Vinyl Acetate
 Concen: 276.440 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078487.D
 Acq: 20 Feb 2024 16:59

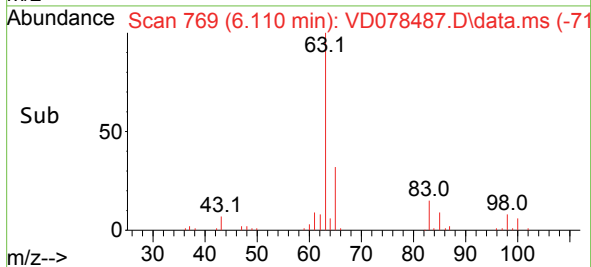
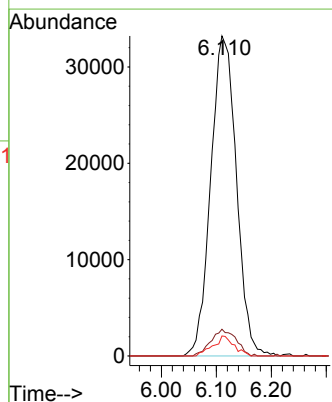
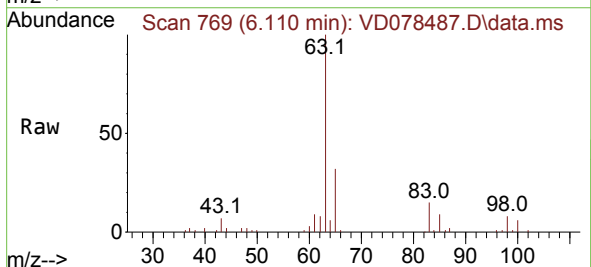
Instrument :
 MSVOA_D
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03M

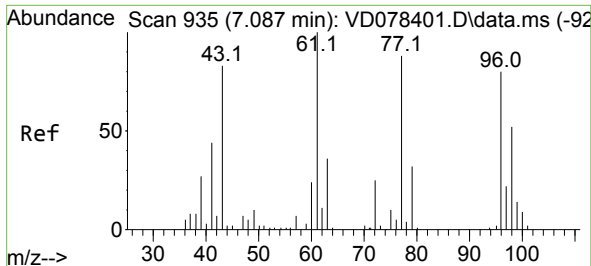
Tgt Ion: 43 Resp: 270404
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 63.334 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078487.D
 Acq: 20 Feb 2024 16:59

Tgt Ion: 63 Resp: 107656
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 6.3 2.5 7.5

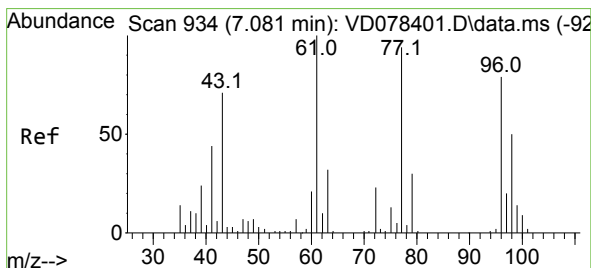
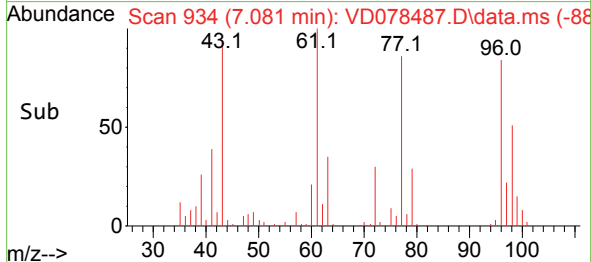
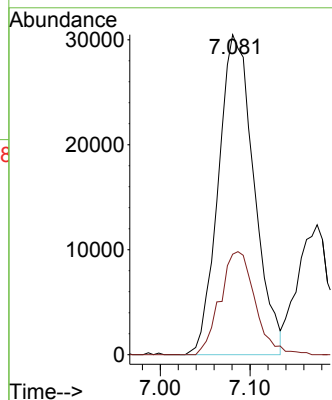
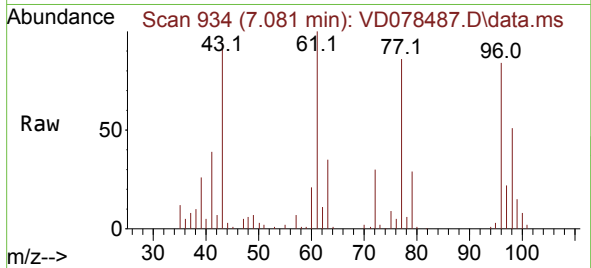




#25
2-Butanone
Concen: 387.809 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

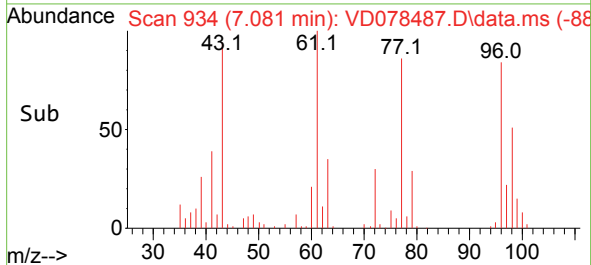
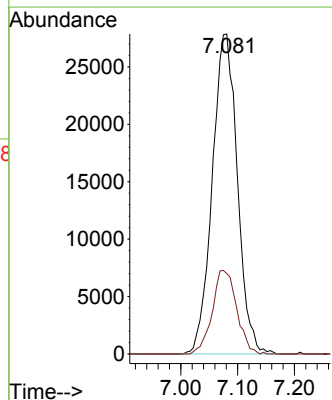
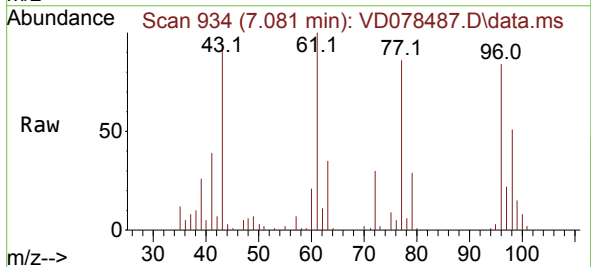
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 43 Resp: 83966
Ion Ratio Lower Upper
43 100
72 31.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 59.949 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 77 Resp: 85425
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6

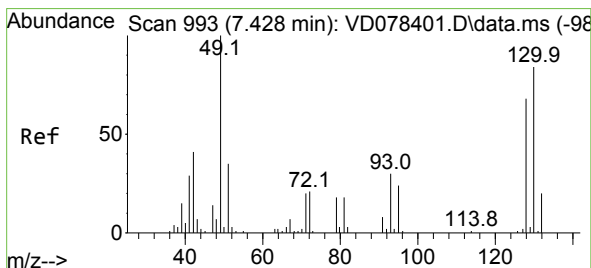
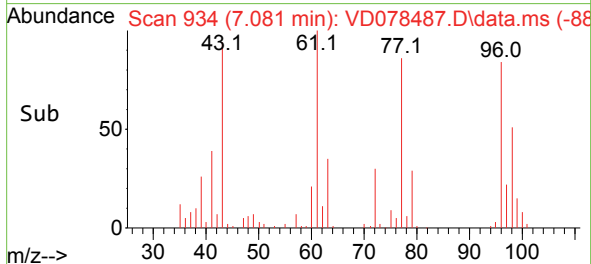
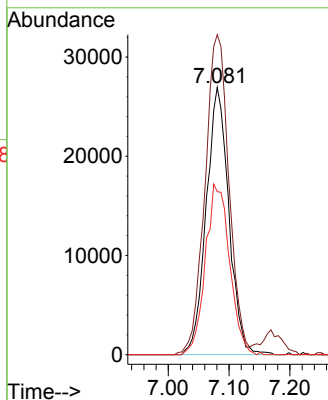
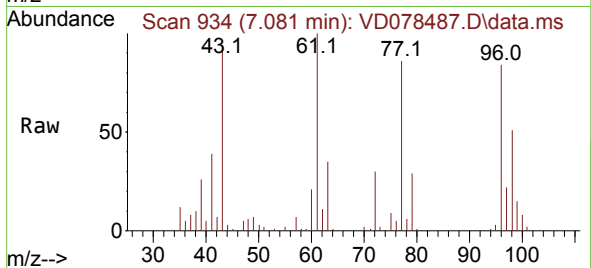




#27
 cis-1,2-Dichloroethene
 Concen: 61.196 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078487.D
 Acq: 20 Feb 2024 16:59

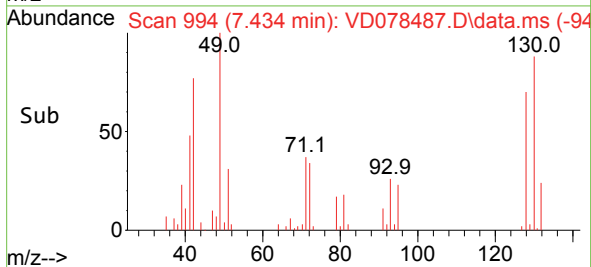
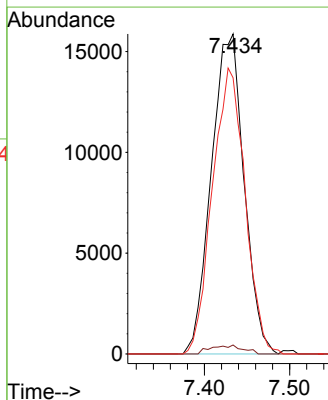
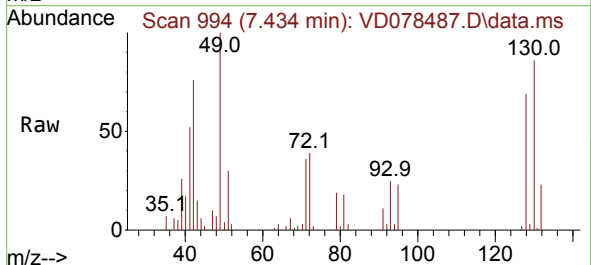
Instrument :
 MSVOA_D
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03M

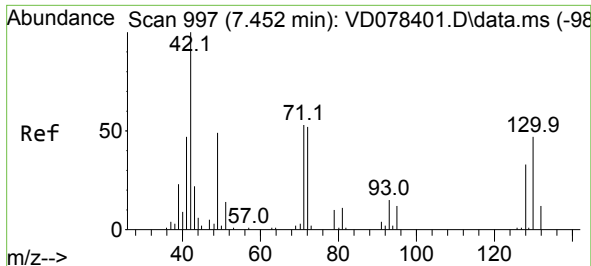
Tgt Ion: 96	Resp: 69606		
Ion Ratio	Lower	Upper	
96	100		
61	126.8	0.0	239.2
98	68.2	0.0	128.6



#28
 Bromochloromethane
 Concen: 62.881 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.005 min
 Lab File: VD078487.D
 Acq: 20 Feb 2024 16:59

Tgt Ion: 49	Resp: 42335
Ion Ratio	Lower Upper
49 100	
129 2.7	0.0 6.0
130 89.1	83.2 124.8





#29

Tetrahydrofuran

Concen: 357.041 ug/l

RT: 7.445 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

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

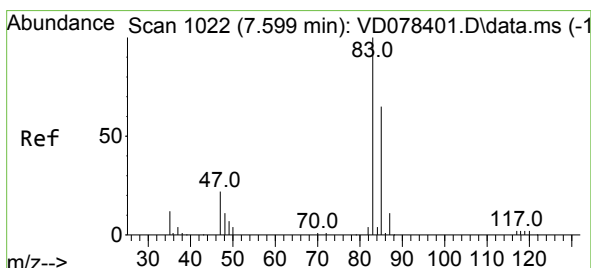
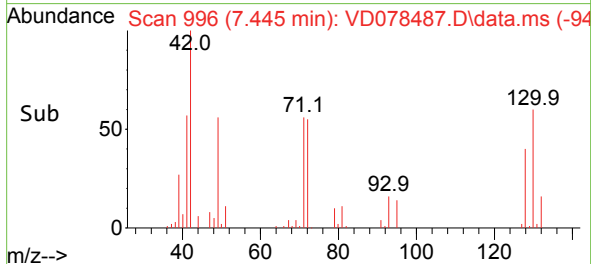
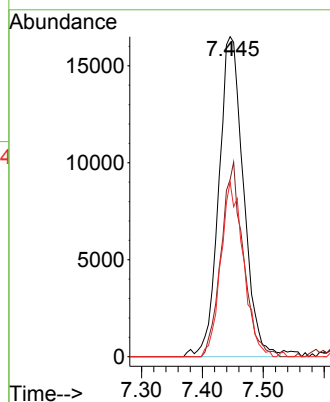
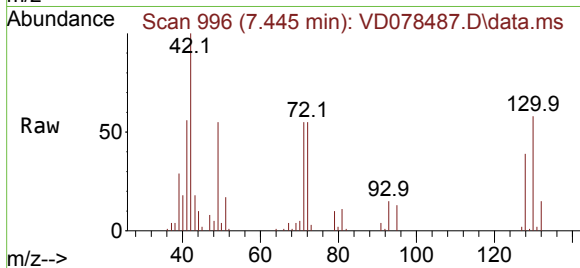
Tgt Ion: 42 Resp: 46411

Ion Ratio Lower Upper

42 100

72 54.8 46.5 69.7

71 50.4 44.5 66.7



#30

Chloroform

Concen: 65.037 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078487.D

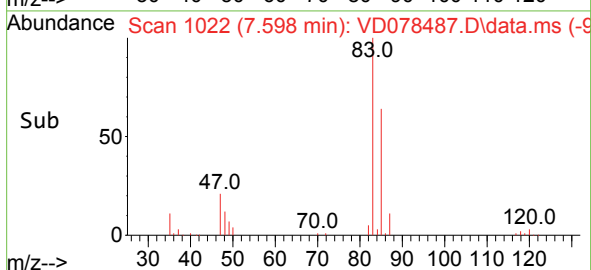
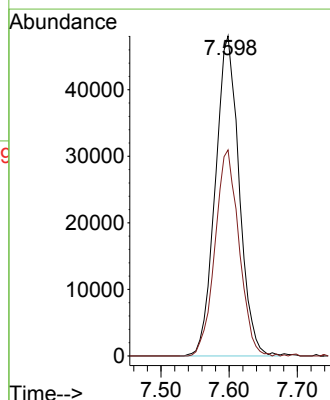
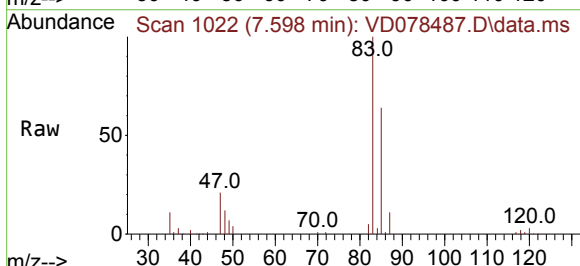
Acq: 20 Feb 2024 16:59

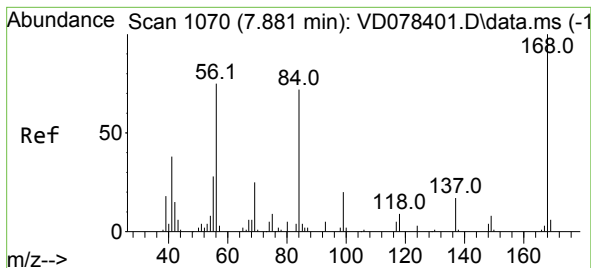
Tgt Ion: 83 Resp: 116967

Ion Ratio Lower Upper

83 100

85 64.4 53.4 80.2





#31

Cyclohexane

Concen: 43.860 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078487.D

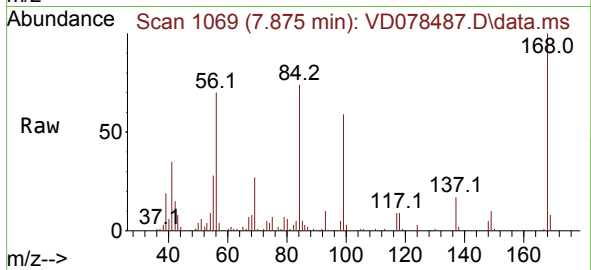
Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

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



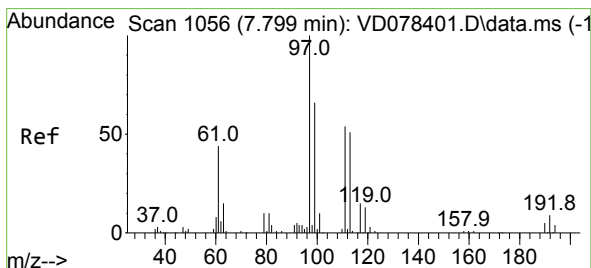
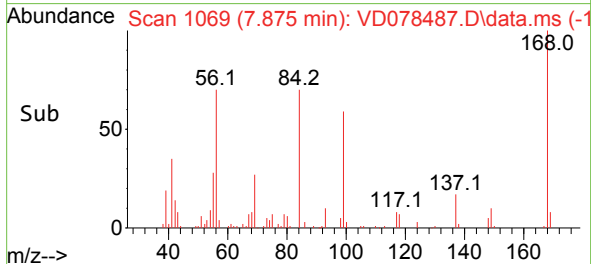
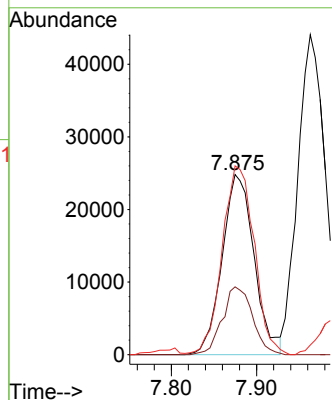
Tgt Ion: 56 Resp: 64851

Ion Ratio Lower Upper

56 100

69 37.7 28.6 43.0

84 103.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 62.023 ug/l

RT: 7.786 min Scan# 1054

Delta R.T. -0.012 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

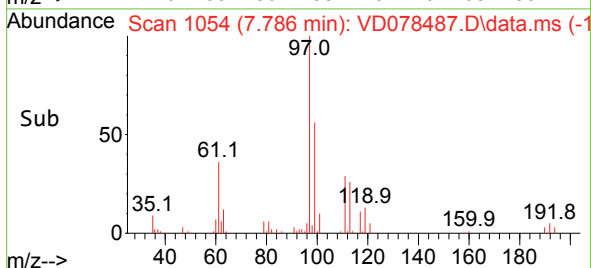
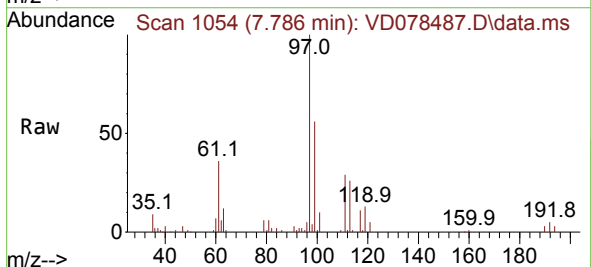
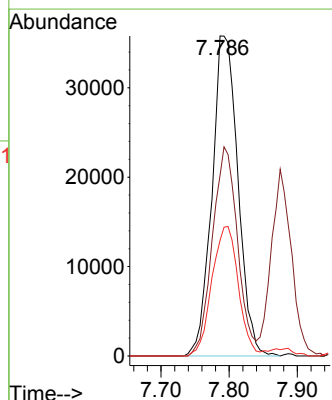
Tgt Ion: 97 Resp: 95105

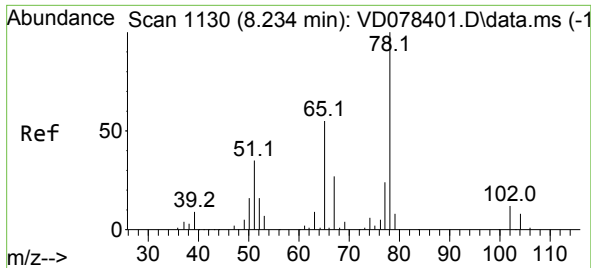
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 41.1 33.8 50.8

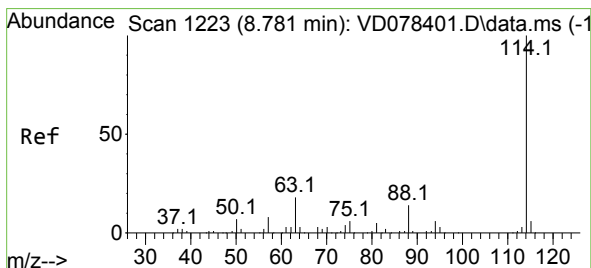
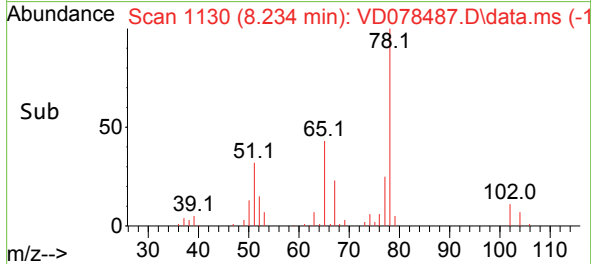
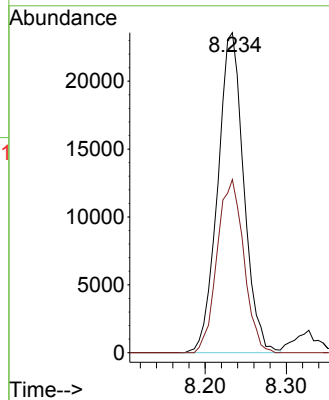
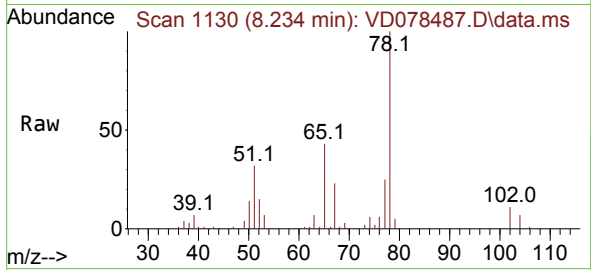




#33
1,2-Dichloroethane-d4
Concen: 60.274 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

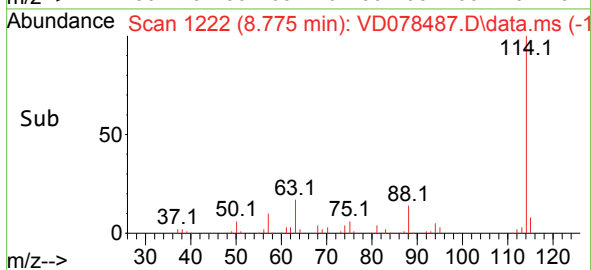
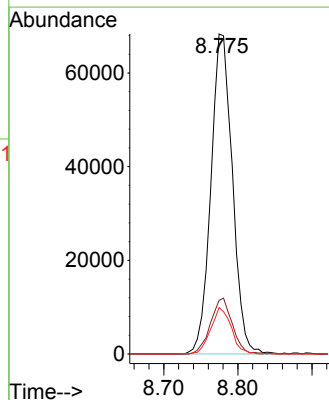
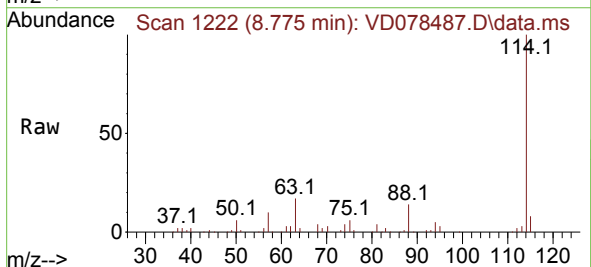
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 65 Resp: 52684
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:114 Resp: 137678
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.4
88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 64.039 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078487.D

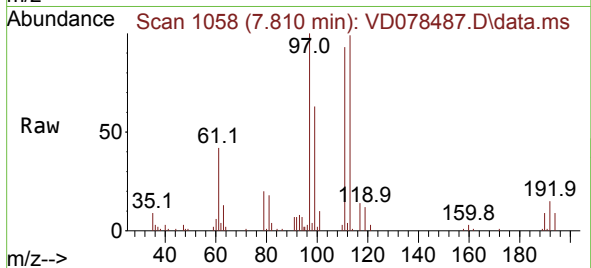
Acq: 20 Feb 2024 16:59

Instrument :

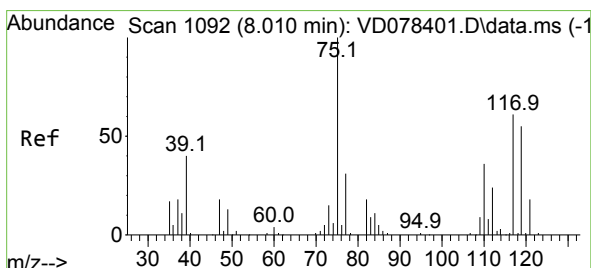
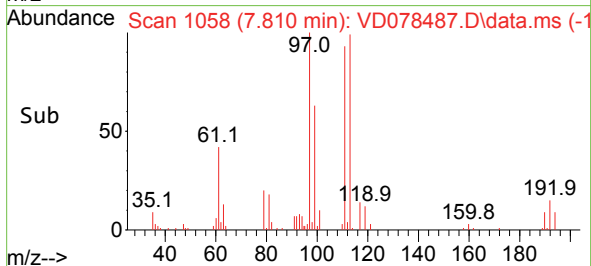
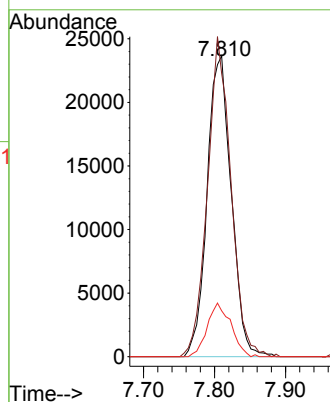
MSVOA_D

ClientSampleId :

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



Tgt Ion:	113	Resp:	56006
Ion Ratio	Lower	Upper	
113	100		
111	103.2	84.7	127.1
192	17.5	16.8	25.2



#36

1,1-Dichloropropene

Concen: 58.151 ug/l

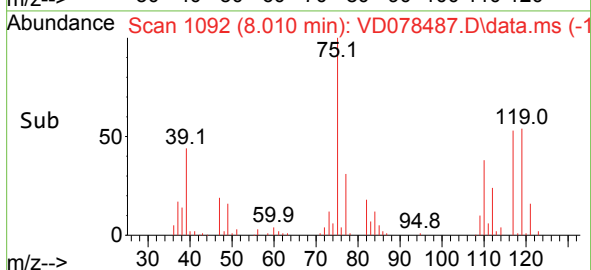
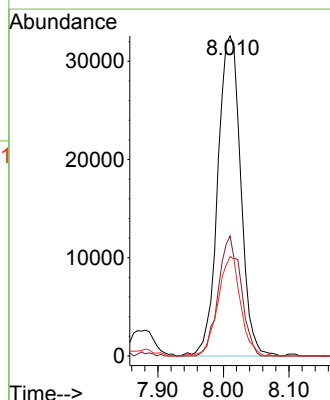
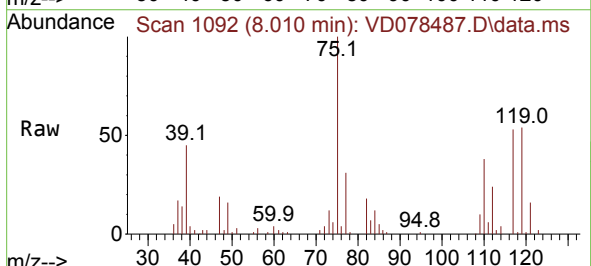
RT: 8.010 min Scan# 1092

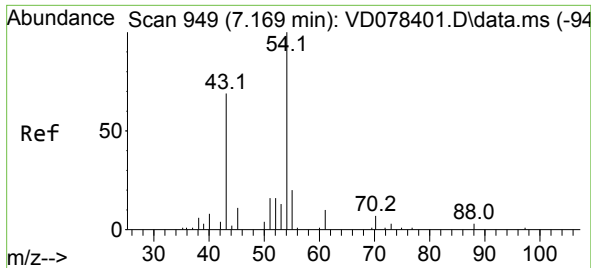
Delta R.T. -0.000 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Tgt Ion:	75	Resp:	79005
Ion Ratio	Lower	Upper	
75	100		
110	36.9	19.9	59.6
77	31.1	24.7	37.1

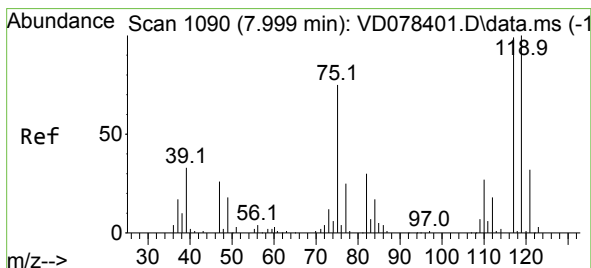
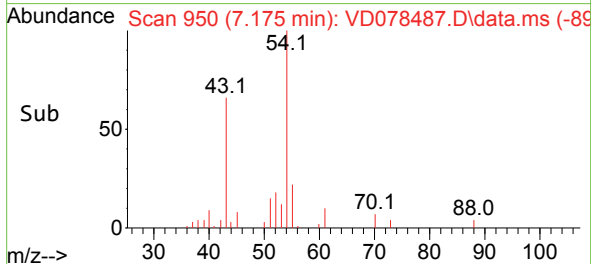
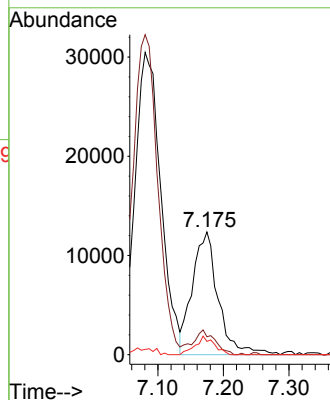
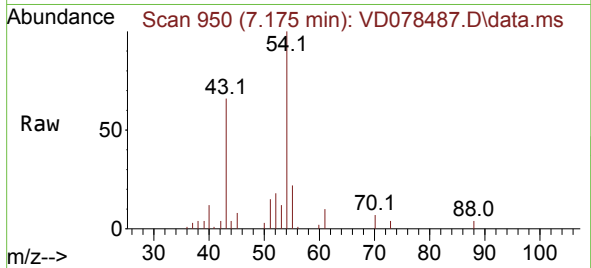




#37
Ethyl Acetate
Concen: 71.174 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

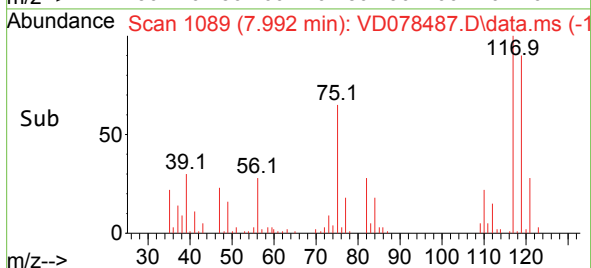
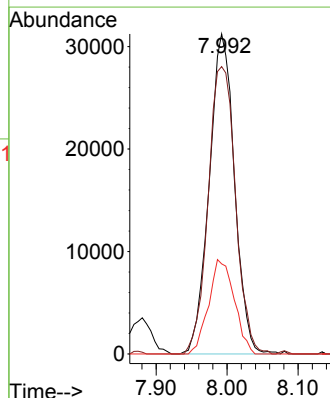
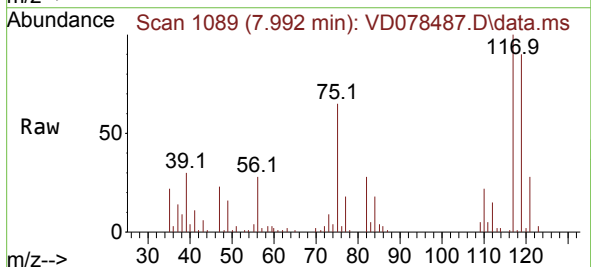
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

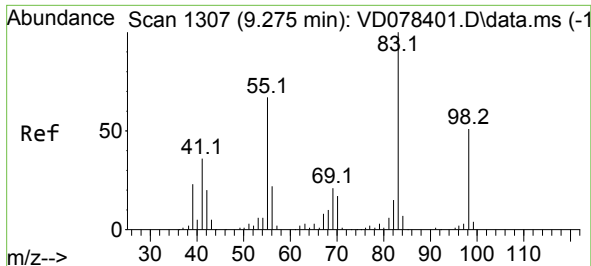
Tgt Ion: 43	Resp: 33897
Ion Ratio	Lower Upper
43	100
61	16.3 14.9 22.3
70	10.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 57.558 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 117	Resp: 77442
Ion Ratio	Lower Upper
117	100
119	89.8 78.0 117.0
121	28.2 24.2 36.2





#39

Methylcyclohexane

Concen: 37.440 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

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

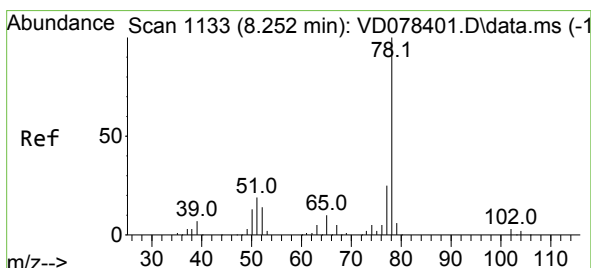
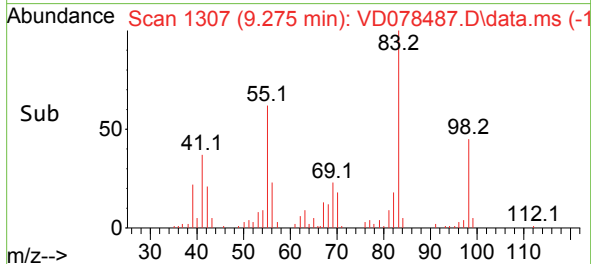
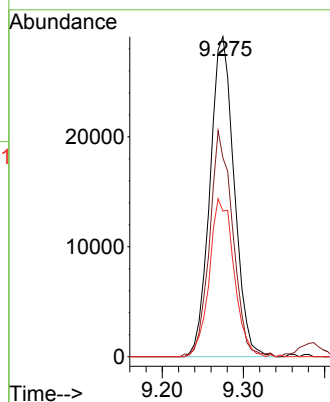
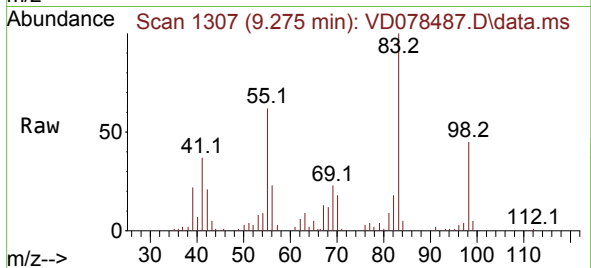
Tgt Ion: 83 Resp: 60386

Ion Ratio Lower Upper

83 100

55 62.1 49.4 74.0

98 45.5 38.4 57.6



#40

Benzene

Concen: 64.854 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078487.D

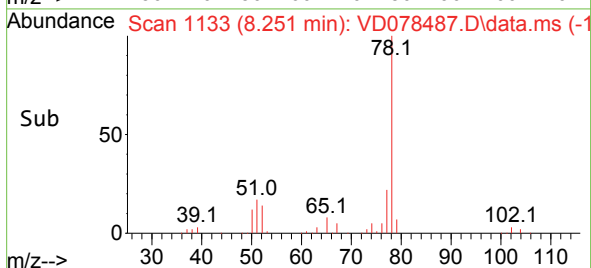
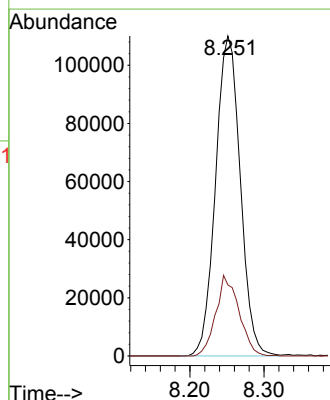
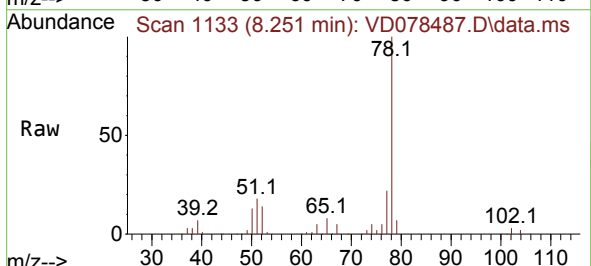
Acq: 20 Feb 2024 16:59

Tgt Ion: 78 Resp: 254678

Ion Ratio Lower Upper

78 100

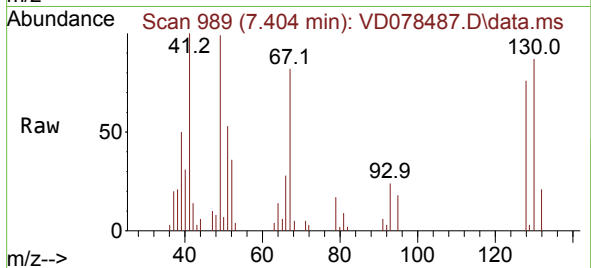
77 22.2 19.4 29.0



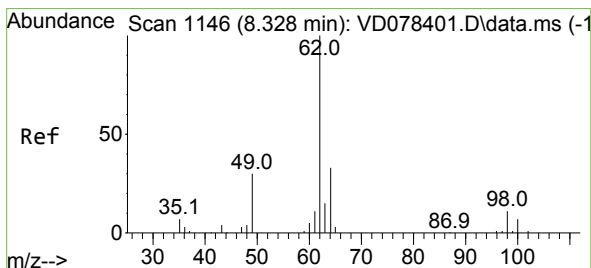
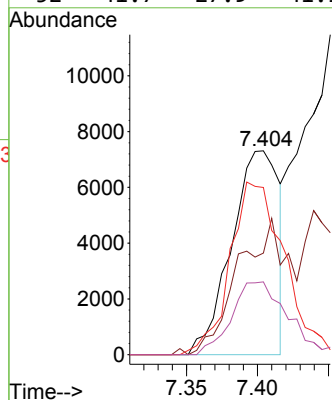
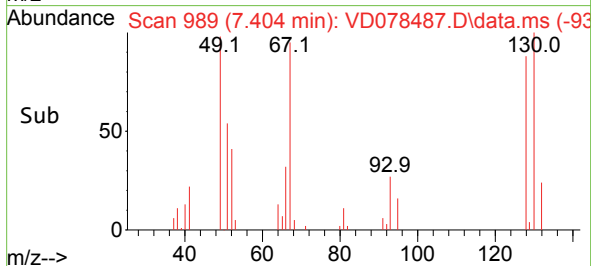


#41
Methacrylonitrile
Concen: 68.777 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

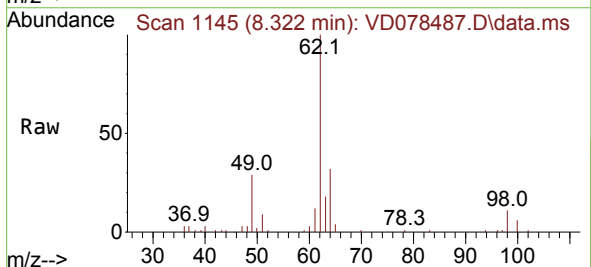
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M



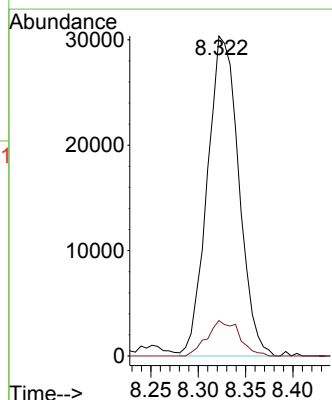
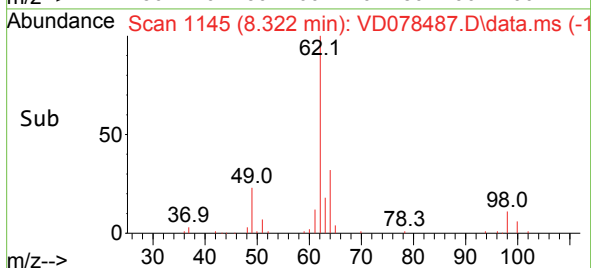
Tgt Ion: 41 Resp: 17047
Ion Ratio Lower Upper
41 100
39 70.7 34.0 51.0#
67 96.1 77.0 115.4
52 41.7 27.9 41.9

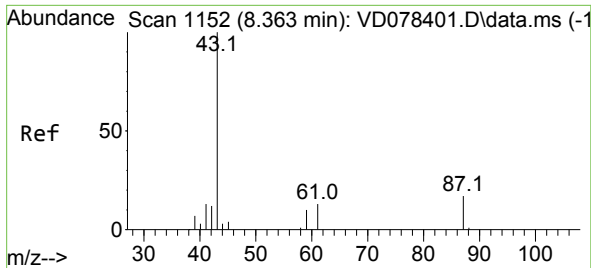


#42
1,2-Dichloroethane
Concen: 68.993 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59



Tgt Ion: 62 Resp: 70104
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

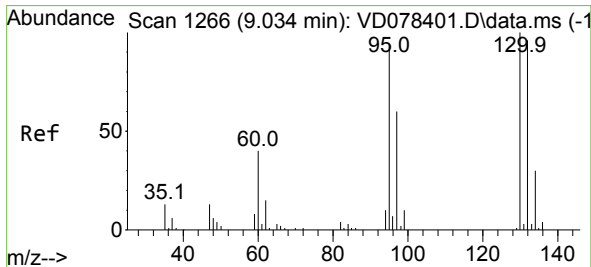
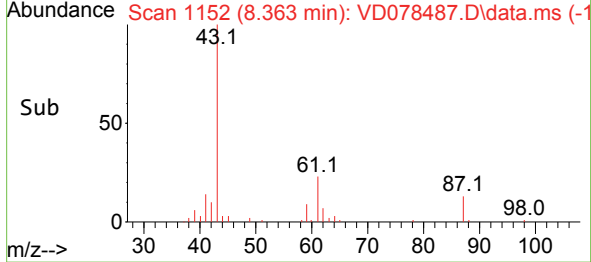
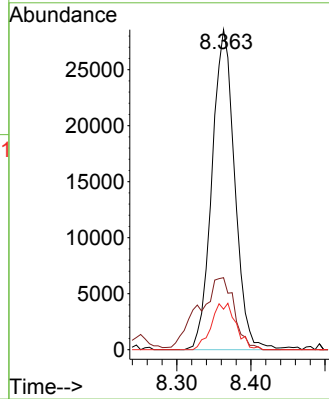
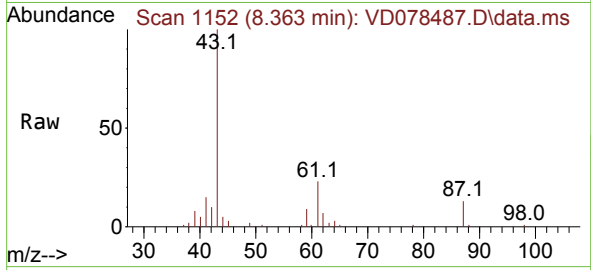




#43
Isopropyl Acetate
Concen: 69.080 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

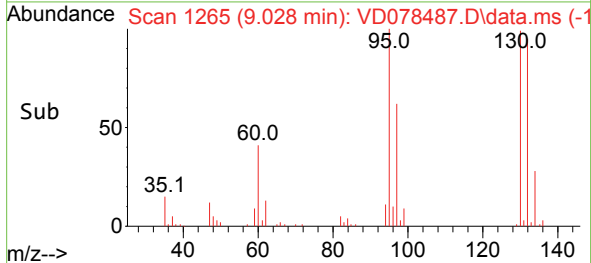
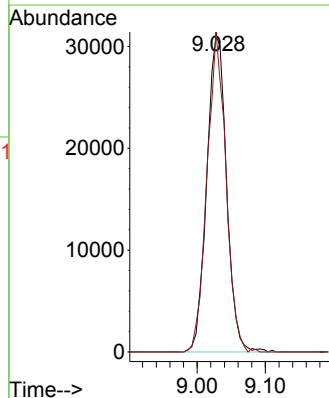
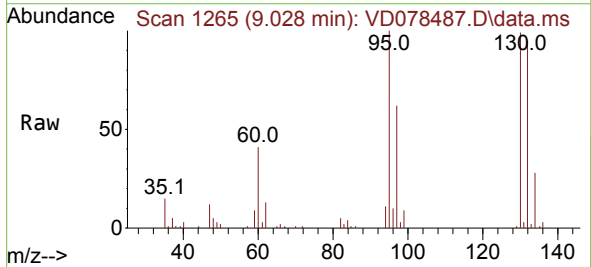
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

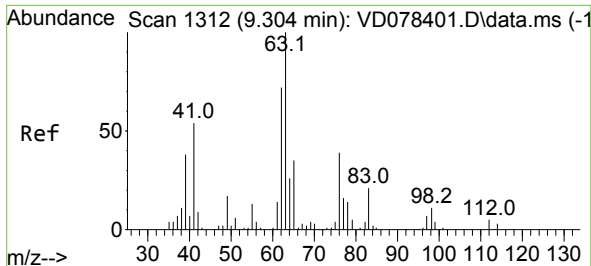
Tgt Ion:	43	Resp:	60922
Ion Ratio	Lower	Upper	
43	100		
61	35.4	31.4	47.0
87	15.8	14.9	22.3



#44
Trichloroethene
Concen: 62.762 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:	130	Resp:	62877
Ion Ratio	Lower	Upper	
130	100		
95	101.1	0.0	179.2





#45

1,2-Dichloropropane

Concen: 66.424 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

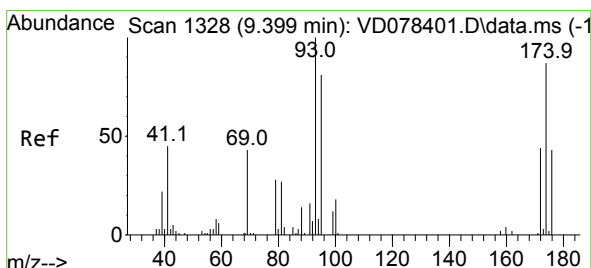
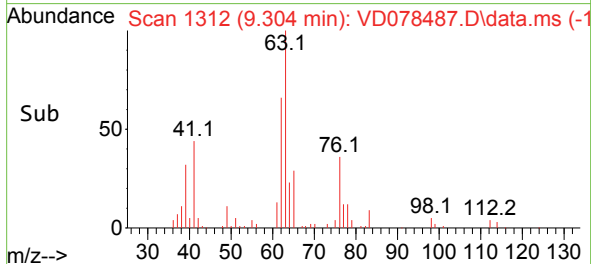
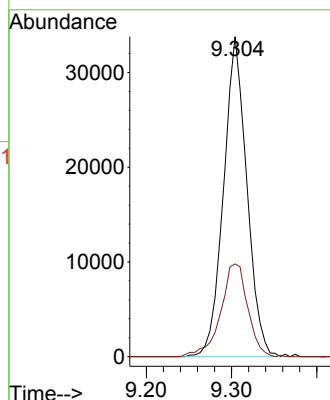
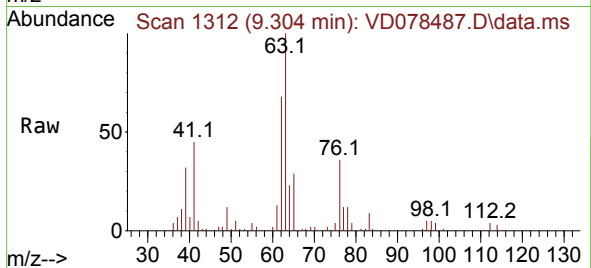
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 63 Resp: 63999

Ion Ratio Lower Upper

63 100

65 29.0 24.5 36.7



#46

Dibromomethane

Concen: 68.618 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

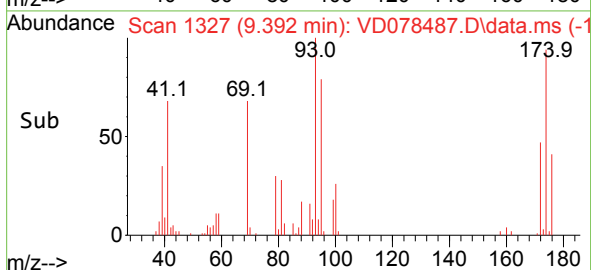
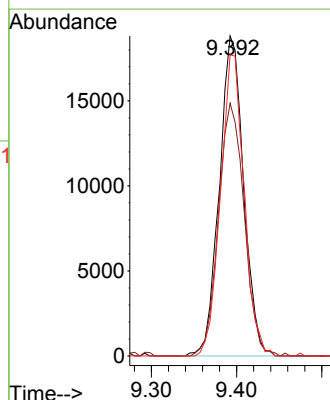
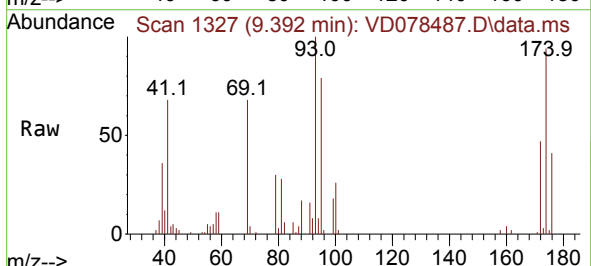
Tgt Ion: 93 Resp: 37187

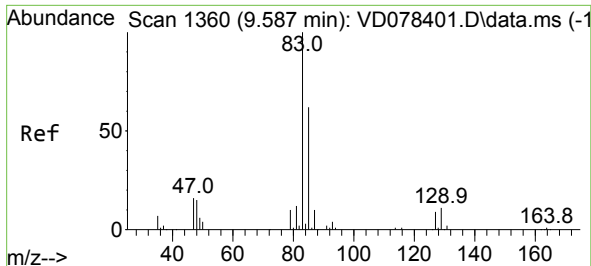
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 91.5 85.4 128.2

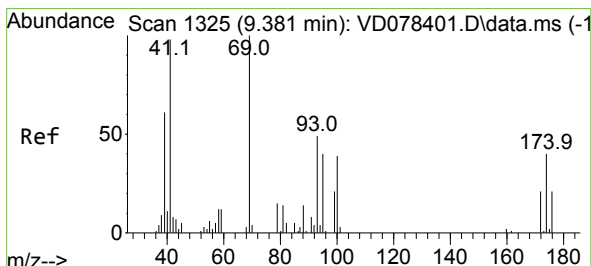
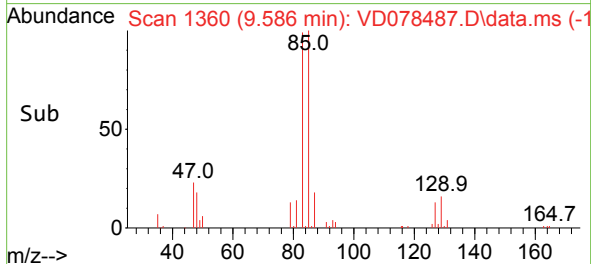
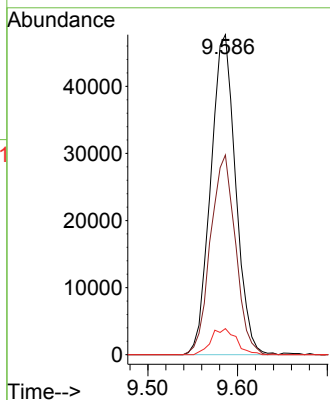
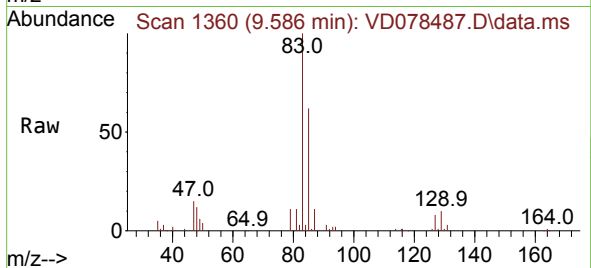




#47
Bromodichloromethane
Concen: 68.523 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

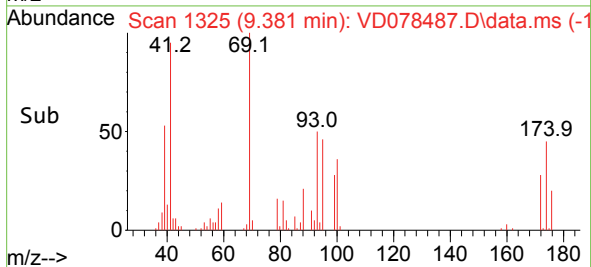
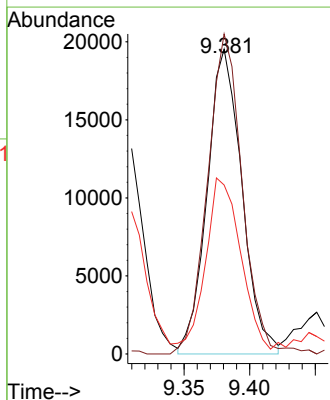
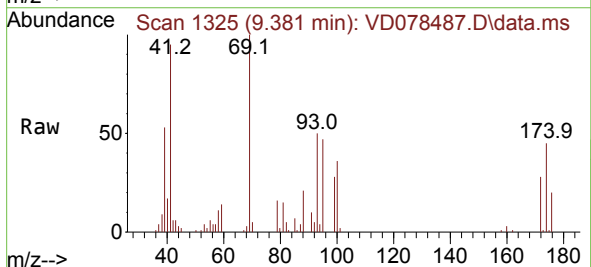
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 83 Resp: 91978
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 76.928 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 41 Resp: 35993
Ion Ratio Lower Upper
41 100
69 105.3 102.2 153.2
39 59.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1388.146 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

Lab File: VD078487.D

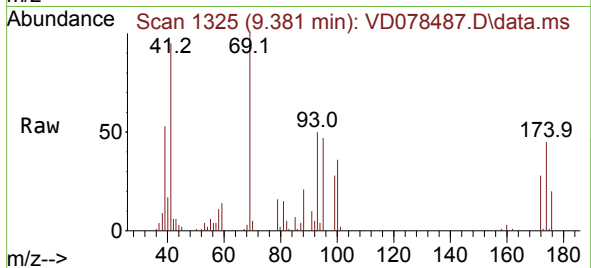
Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

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



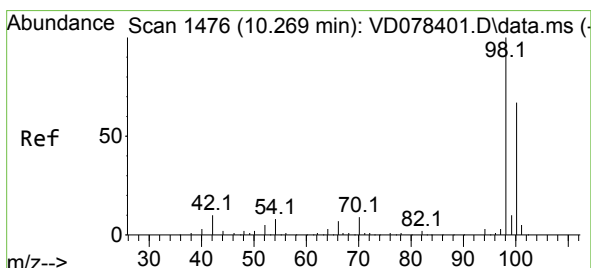
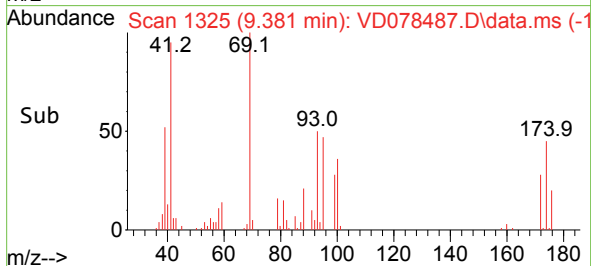
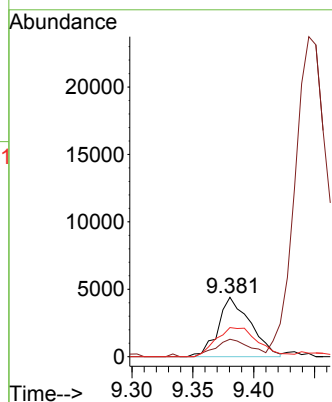
Tgt Ion: 88 Resp: 8147

Ion Ratio Lower Upper

88 100

43 31.5 19.0 28.6#

58 63.6 43.5 65.3



#50

Toluene-d8

Concen: 57.393 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078487.D

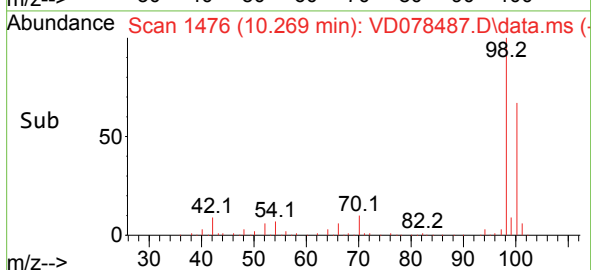
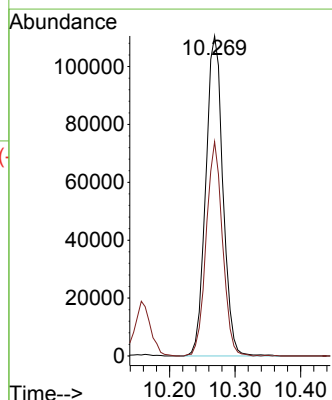
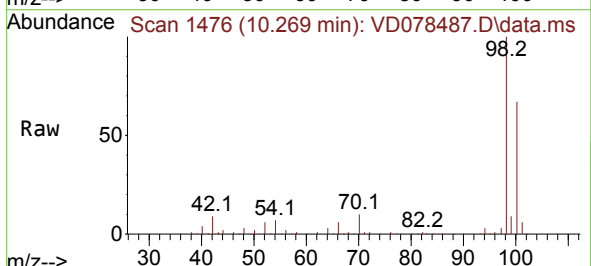
Acq: 20 Feb 2024 16:59

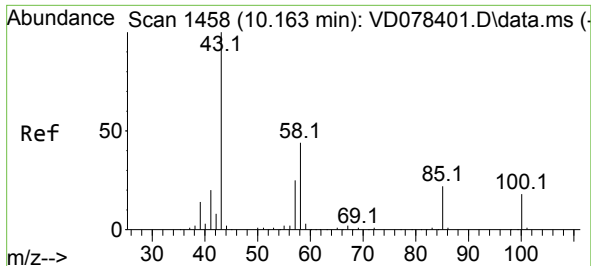
Tgt Ion: 98 Resp: 200785

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 364.601 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

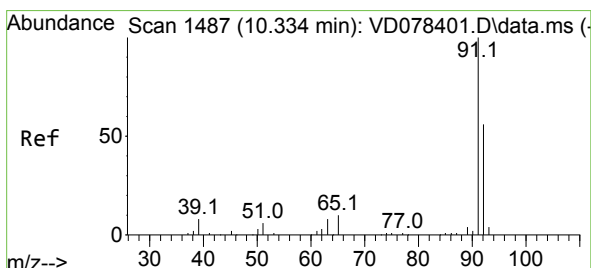
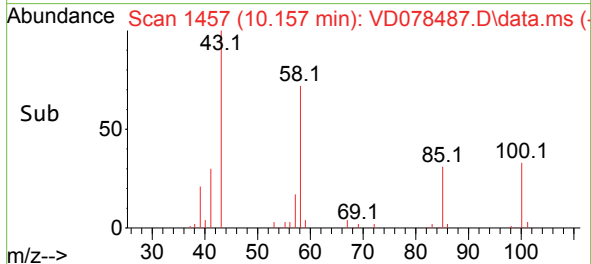
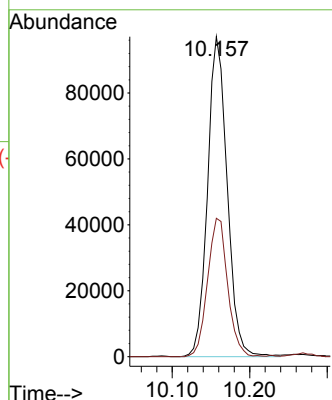
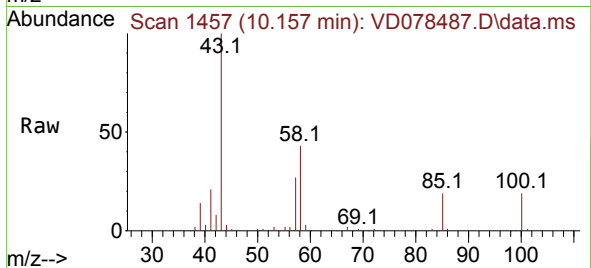
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 43 Resp: 170658

Ion Ratio Lower Upper

43 100

58 44.3 38.9 58.3



#52

Toluene

Concen: 61.815 ug/l

RT: 10.333 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078487.D

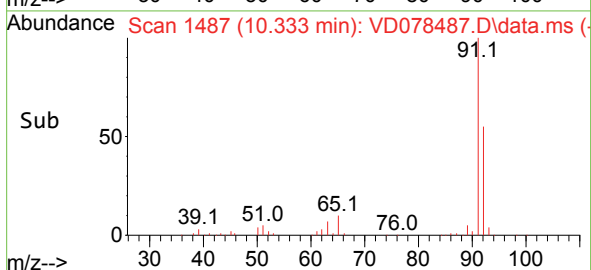
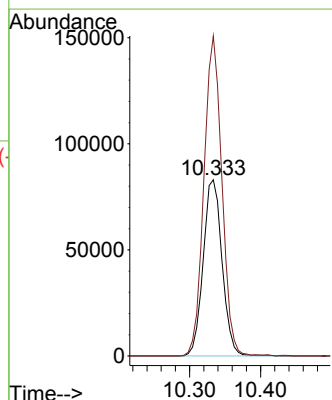
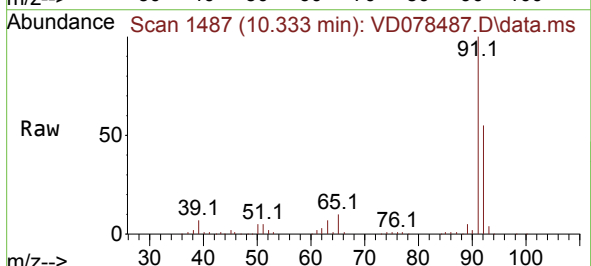
Acq: 20 Feb 2024 16:59

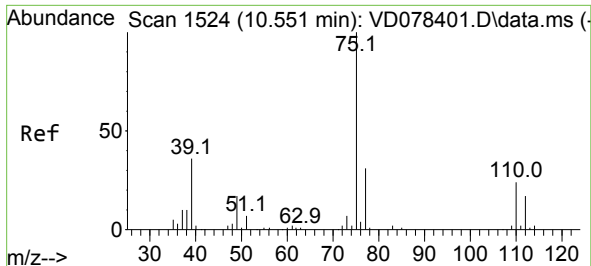
Tgt Ion: 92 Resp: 153508

Ion Ratio Lower Upper

92 100

91 173.7 143.0 214.4

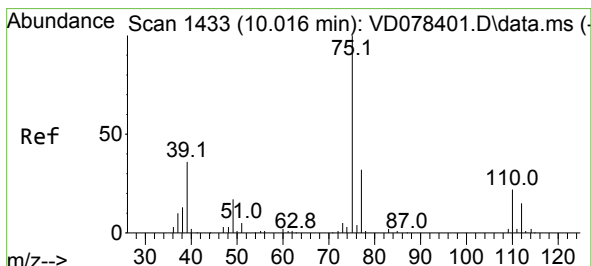
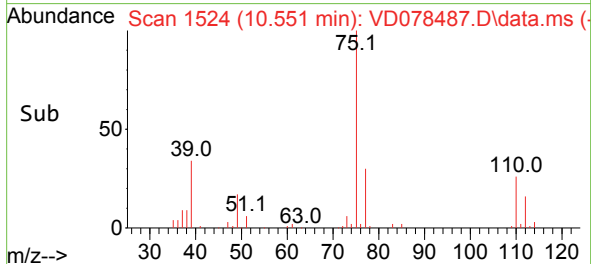
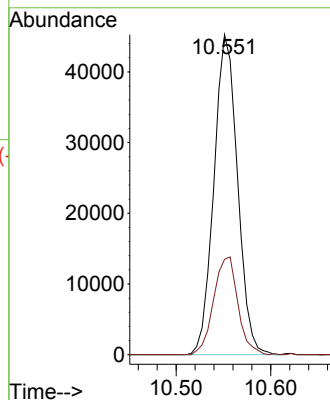
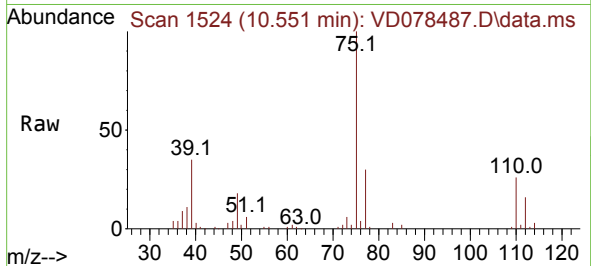




#53
t-1,3-Dichloropropene
Concen: 63.938 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

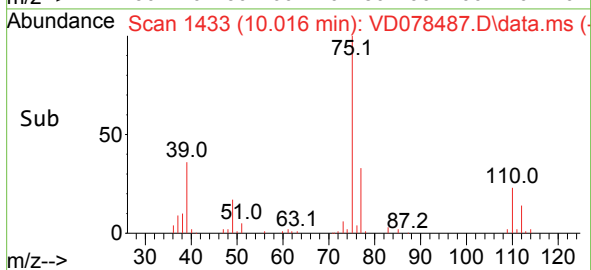
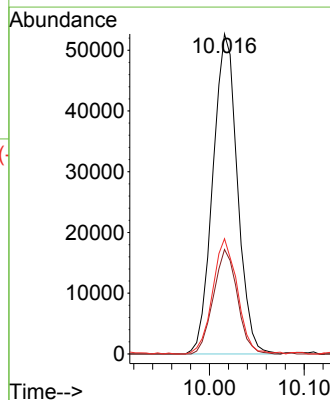
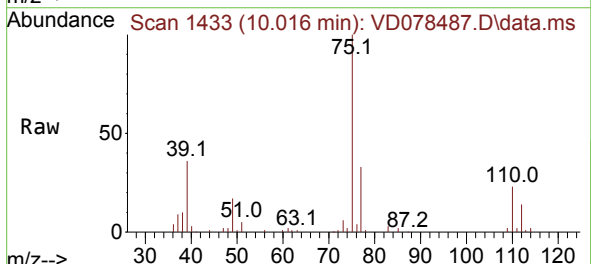
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

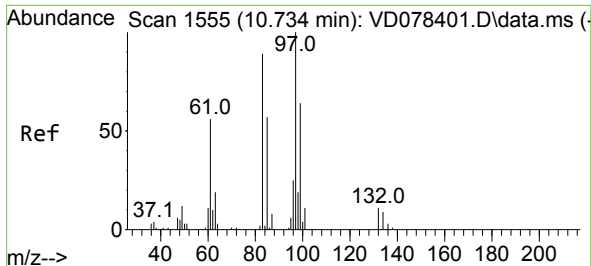
Tgt Ion: 75 Resp: 78312
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 63.953 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 75 Resp: 94982
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
39 36.0 22.1 33.1#

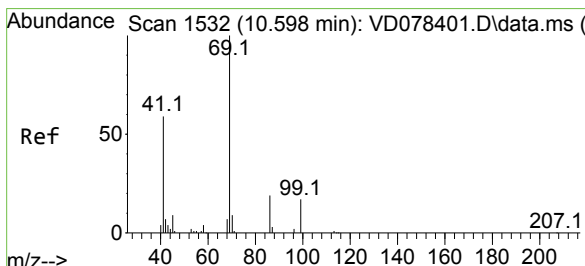
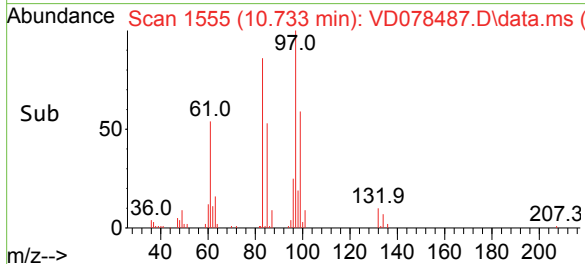
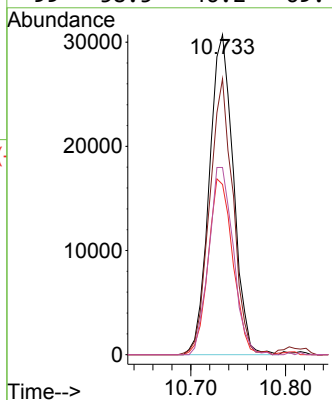
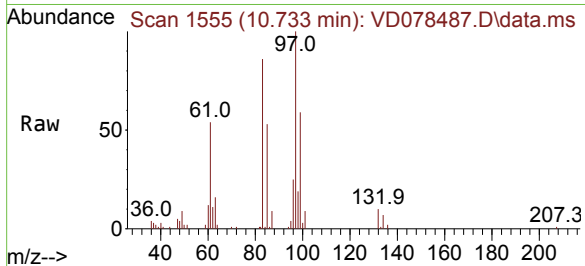




#55
1,1,2-Trichloroethane
Concen: 74.502 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

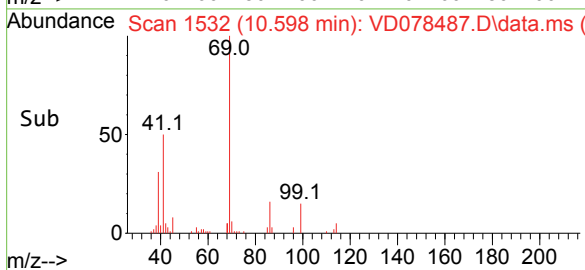
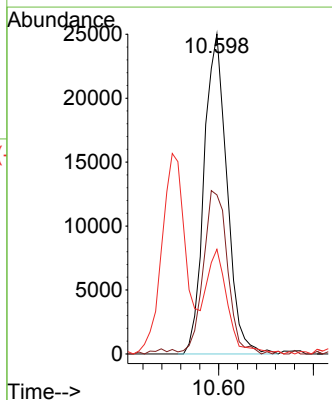
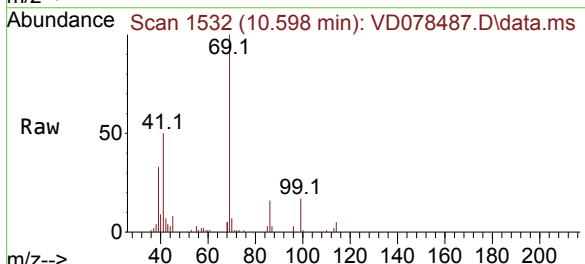
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

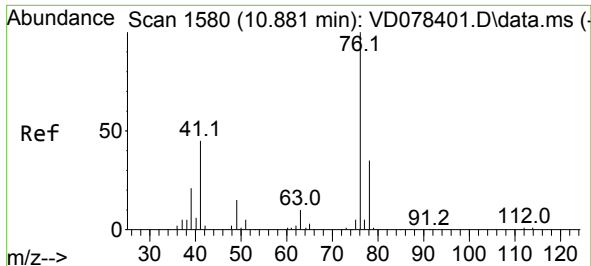
Tgt Ion: 97	Resp: 54373
Ion Ratio	Lower Upper
97 100	
83 86.2	65.8 98.6
85 53.2	45.7 68.5
99 58.5	46.2 69.4



#56
Ethyl methacrylate
Concen: 62.179 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 69	Resp: 41970
Ion Ratio	Lower Upper
69 100	
41 54.2	39.1 58.7
39 29.8	20.0 30.0





#57

1,3-Dichloropropane

Concen: 69.768 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

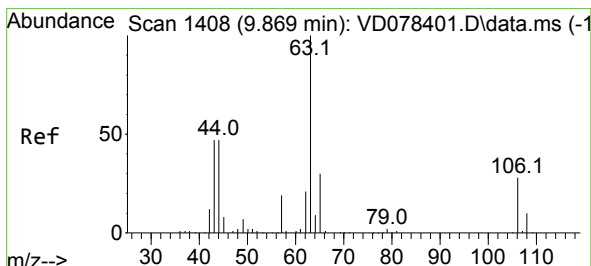
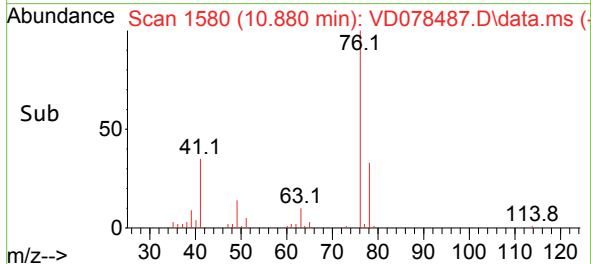
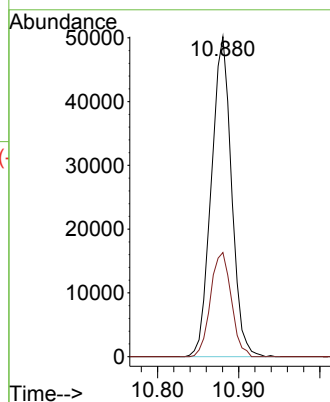
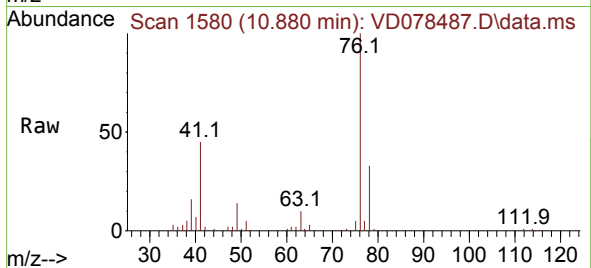
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 76 Resp: 86616

Ion Ratio Lower Upper

76 100

78 33.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 408.083 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078487.D

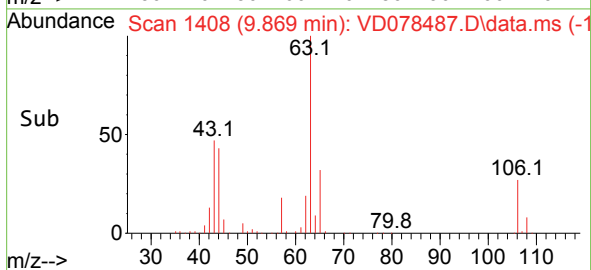
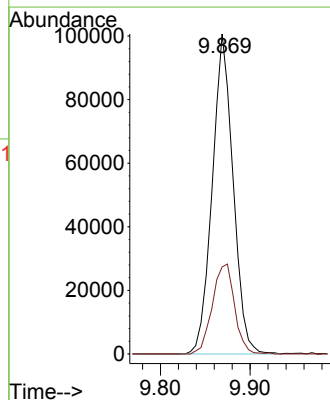
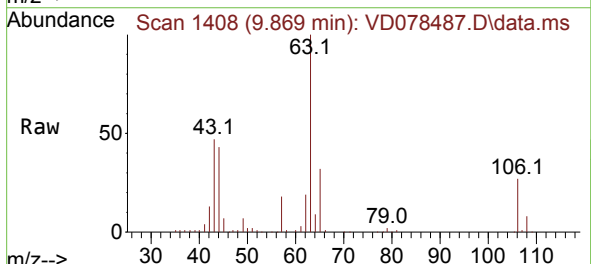
Acq: 20 Feb 2024 16:59

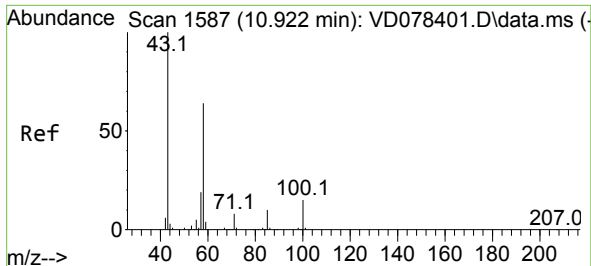
Tgt Ion: 63 Resp: 162251

Ion Ratio Lower Upper

63 100

106 29.9 25.3 37.9

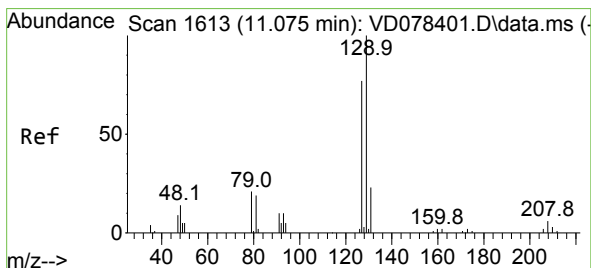
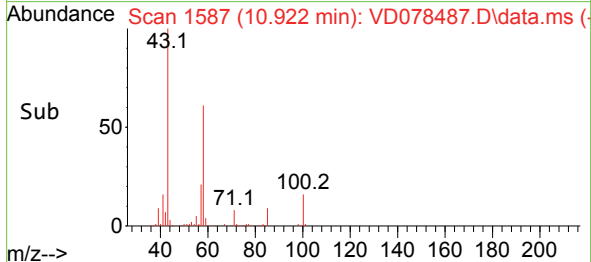
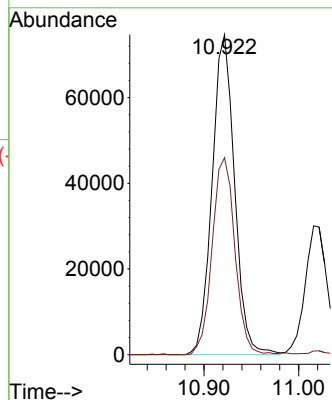
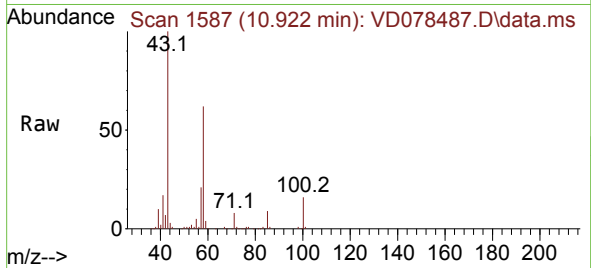




#59
2-Hexanone
Concen: 349.080 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

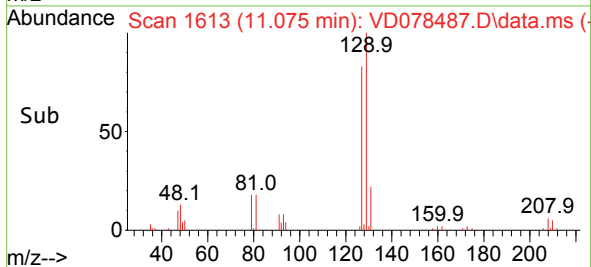
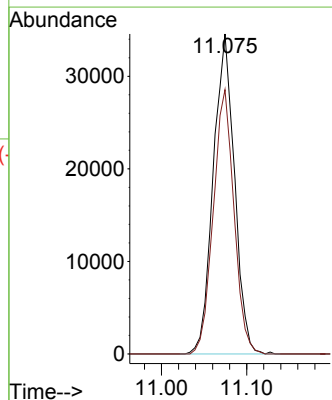
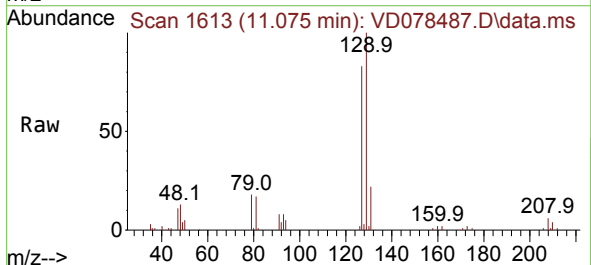
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

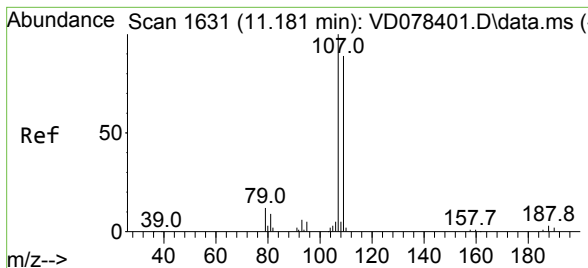
Tgt Ion: 43 Resp: 122792
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 67.908 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 129 Resp: 59630
Ion Ratio Lower Upper
129 100
127 80.8 37.1 111.5





#61

1,2-Dibromoethane

Concen: 72.045 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

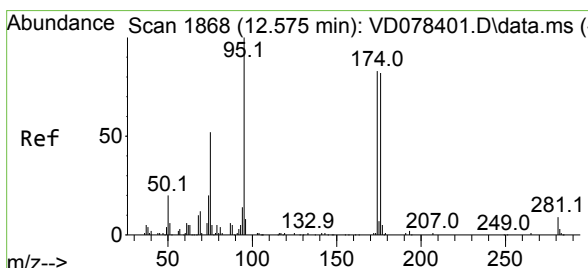
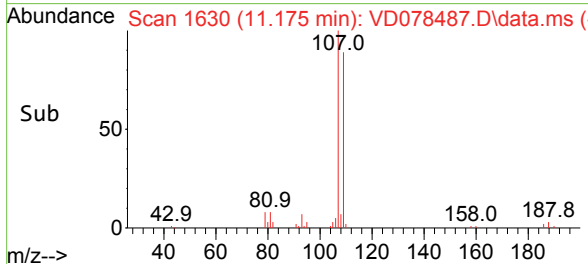
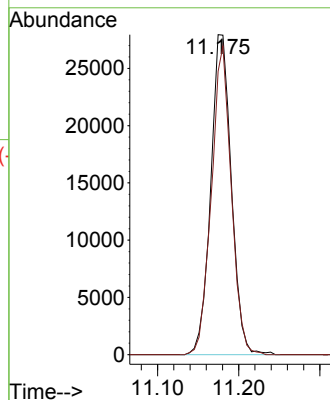
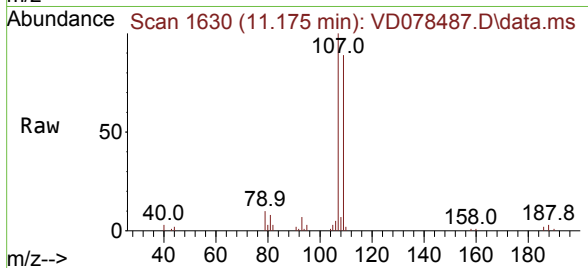
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion:107 Resp: 49363

Ion Ratio Lower Upper

107 100

109 92.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.020 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

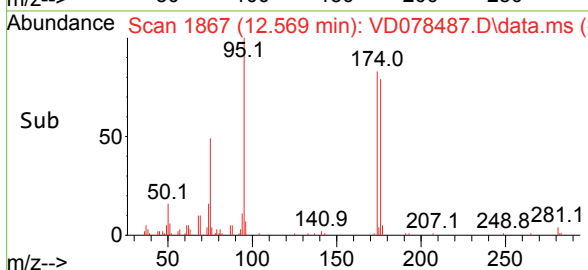
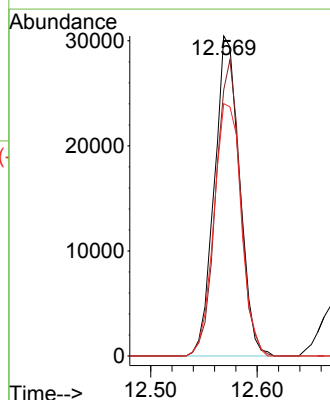
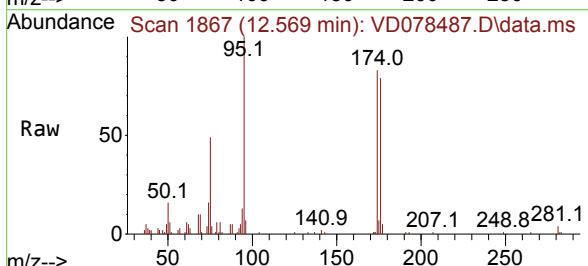
Tgt Ion: 95 Resp: 49906

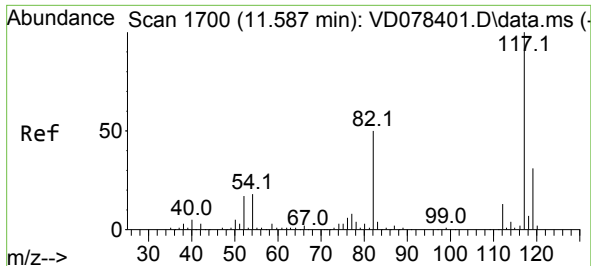
Ion Ratio Lower Upper

95 100

174 90.2 0.0 201.8

176 85.7 0.0 191.8

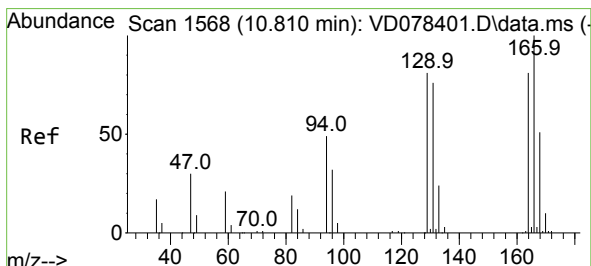
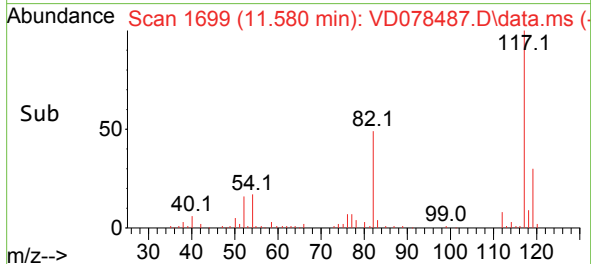
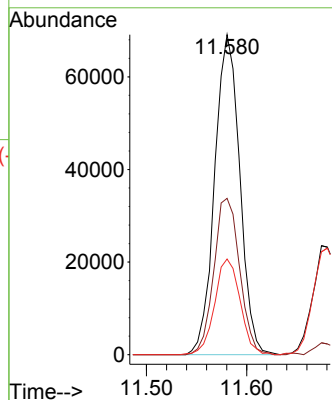
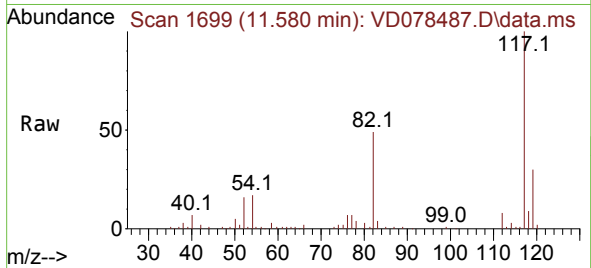




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

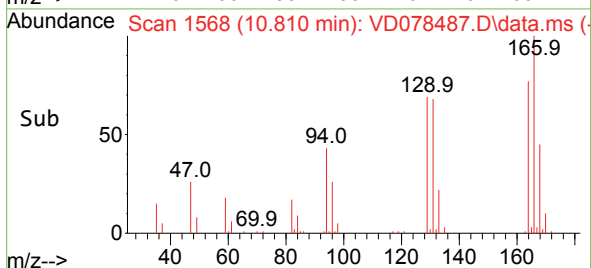
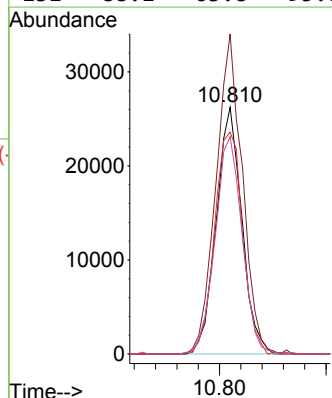
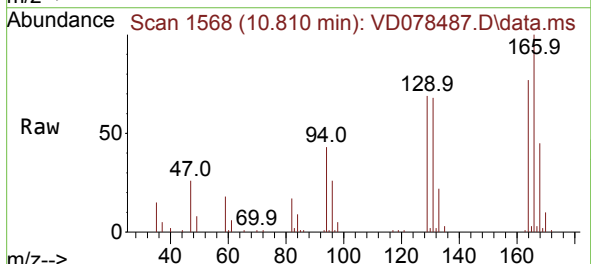
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

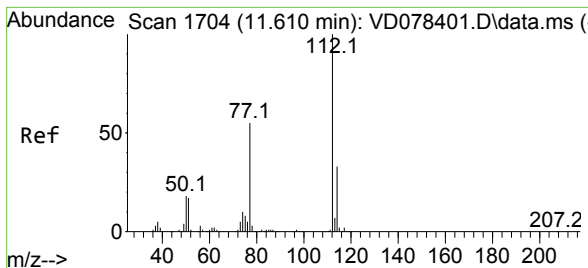
Tgt Ion:117 Resp: 120290
Ion Ratio Lower Upper
117 100
82 48.9 38.3 57.5
119 29.9 25.0 37.4



#64
Tetrachloroethene
Concen: 57.681 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:164 Resp: 43825
Ion Ratio Lower Upper
164 100
166 129.7 99.2 148.8
129 89.9 68.4 102.6
131 88.1 63.8 95.8





#65

Chlorobenzene

Concen: 62.072 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

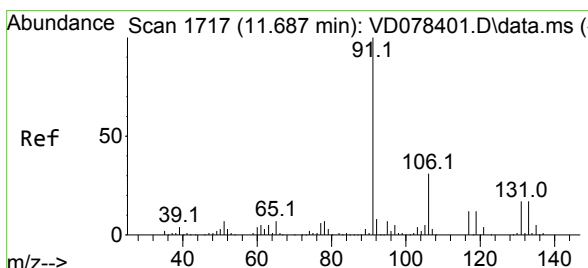
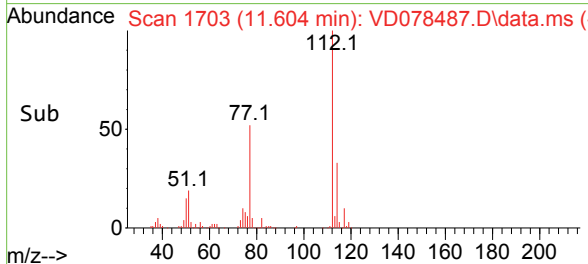
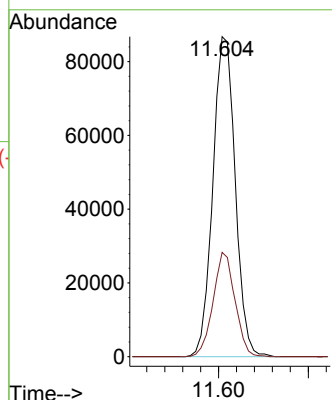
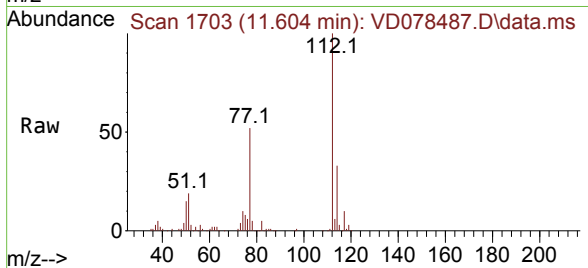
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion:112 Resp: 150109

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 66.111 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

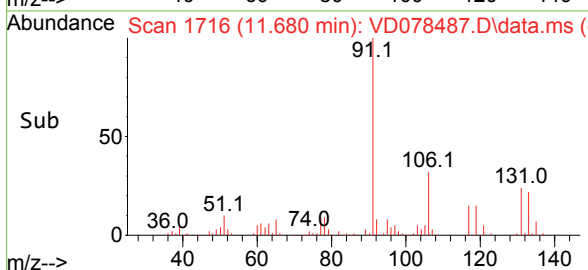
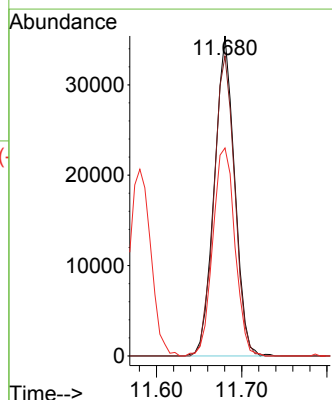
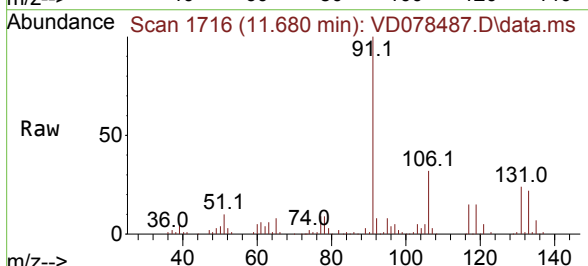
Tgt Ion:131 Resp: 58754

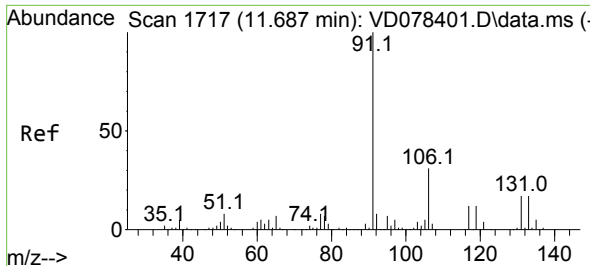
Ion Ratio Lower Upper

131 100

133 96.0 48.5 145.5

119 70.7 35.6 106.9

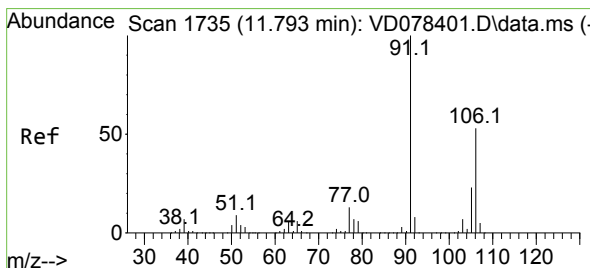
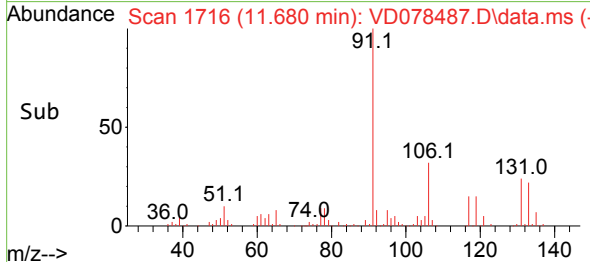
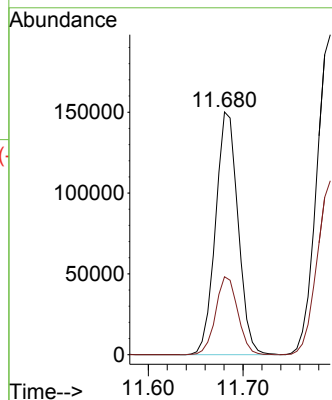
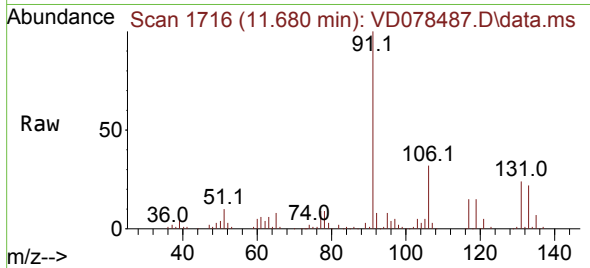




#67
Ethyl Benzene
Concen: 57.271 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

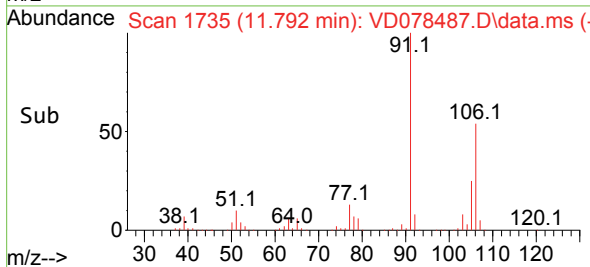
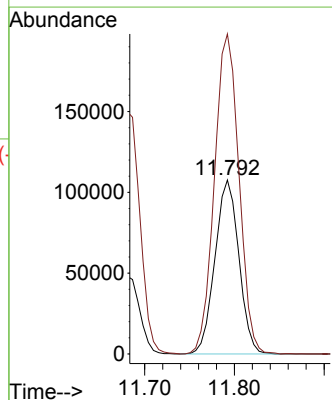
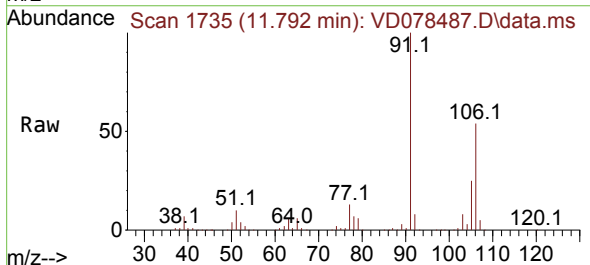
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

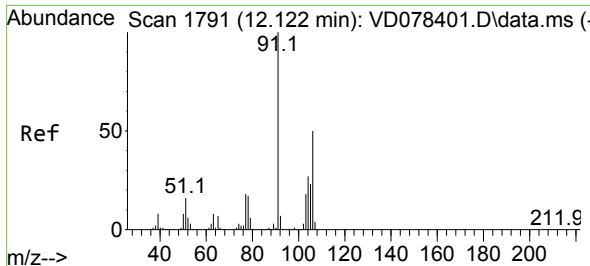
Tgt Ion: 91 Resp: 248154
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7



#68
m/p-Xylenes
Concen: 117.860 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:106 Resp: 199200
Ion Ratio Lower Upper
106 100
91 188.6 147.0 220.6

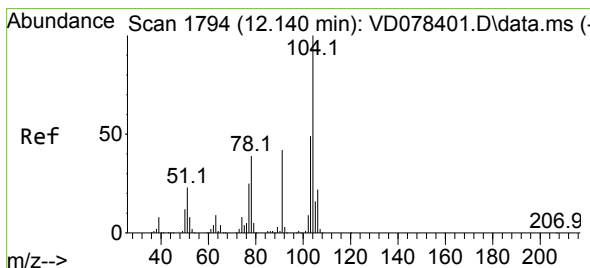
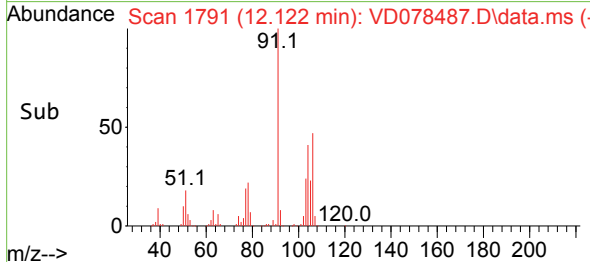
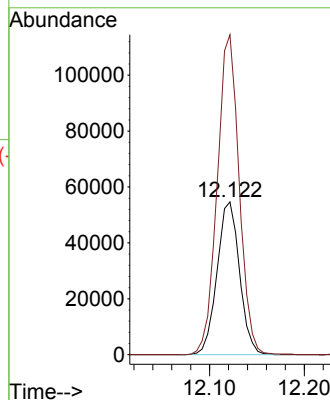
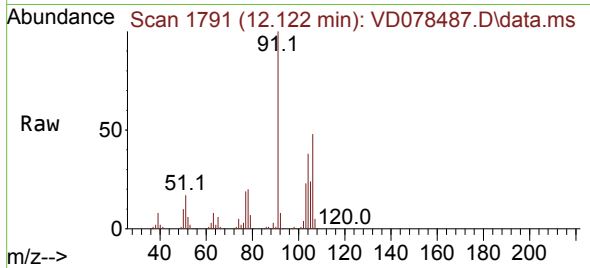




#69
o-Xylene
Concen: 58.436 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

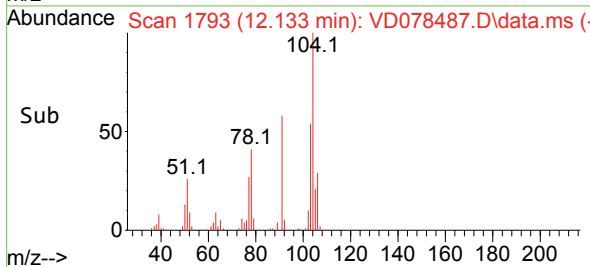
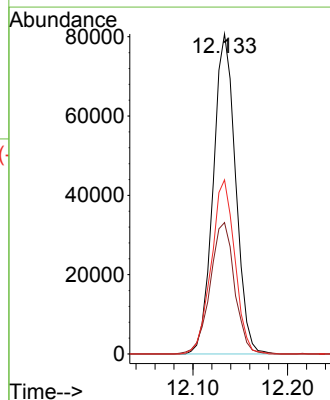
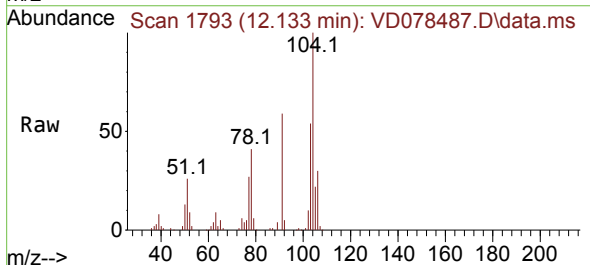
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

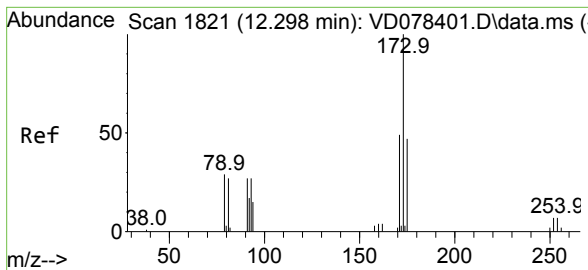
Tgt Ion:106 Resp: 90130
Ion Ratio Lower Upper
106 100
91 204.9 97.9 293.6



#70
Styrene
Concen: 52.606 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:104 Resp: 132420
Ion Ratio Lower Upper
104 100
78 44.7 33.2 49.8
103 56.9 43.6 65.4





#71

Bromoform

Concen: 73.926 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078487.D

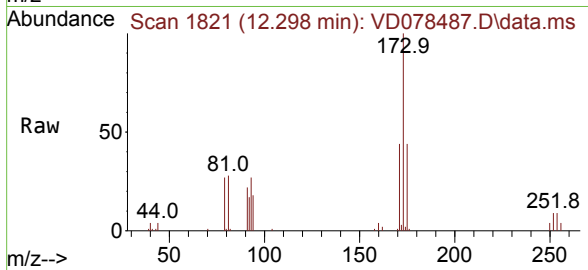
Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

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



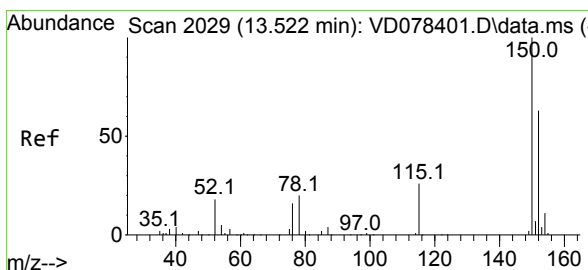
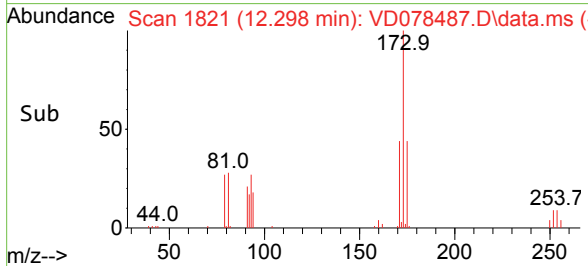
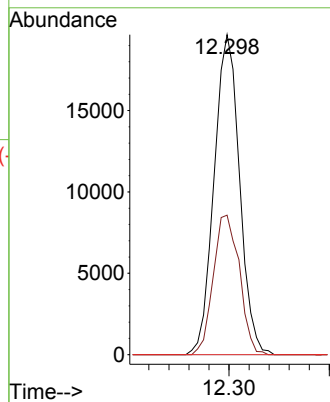
Tgt Ion:173 Resp: 34580

Ion Ratio Lower Upper

173 100

175 44.7 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: VD078487.D

Acq: 20 Feb 2024 16:59

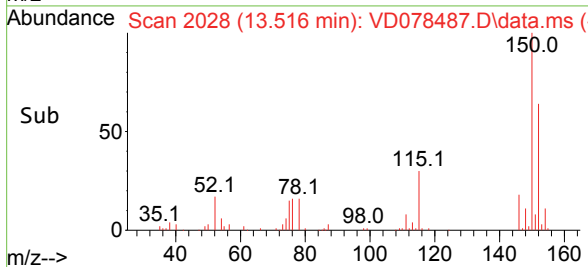
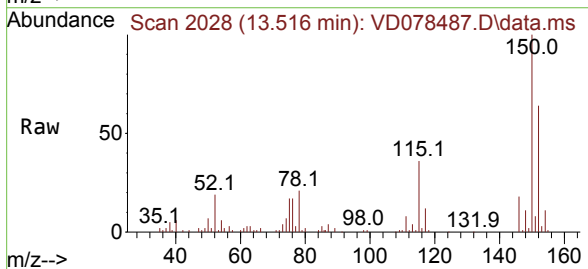
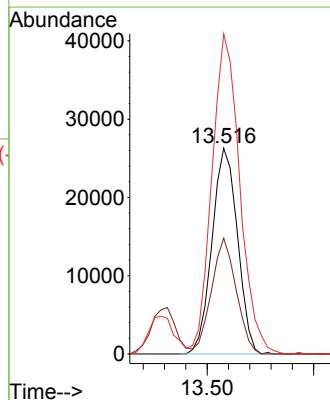
Tgt Ion:152 Resp: 43579

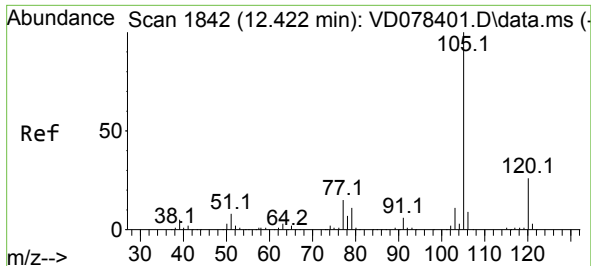
Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 170.4 0.0 353.6

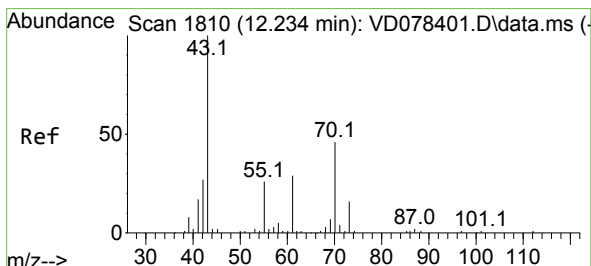
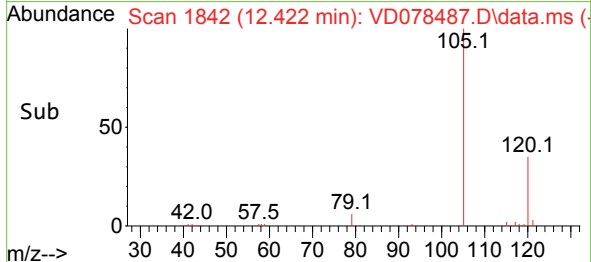
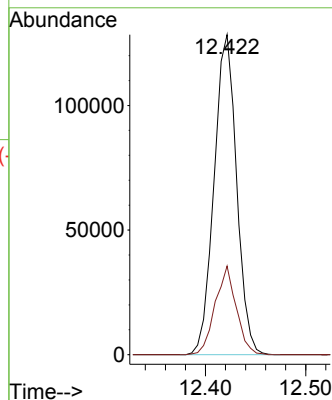
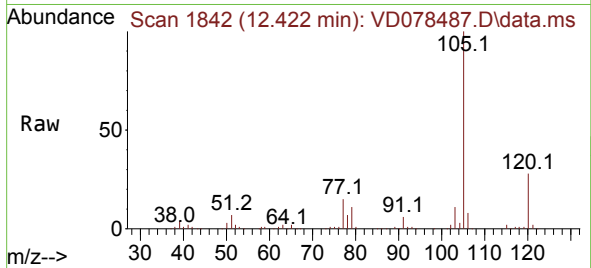




#73
Isopropylbenzene
Concen: 68.482 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

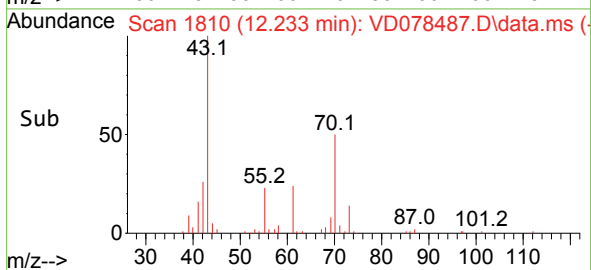
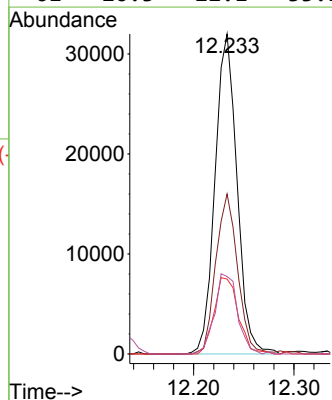
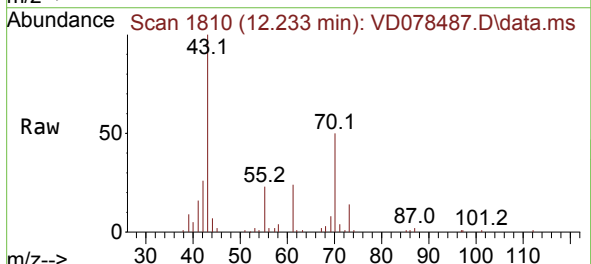
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

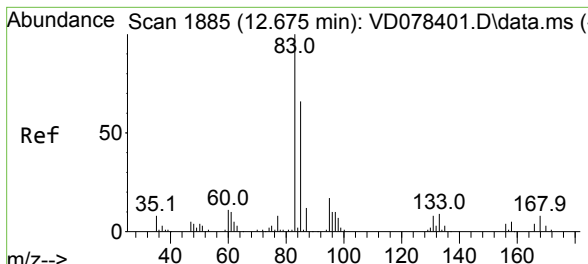
Tgt Ion:105 Resp: 200399
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 87.940 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion: 43 Resp: 48684
Ion Ratio Lower Upper
43 100
70 49.6 45.0 67.4
55 26.2 23.8 35.6
61 26.3 22.1 33.1

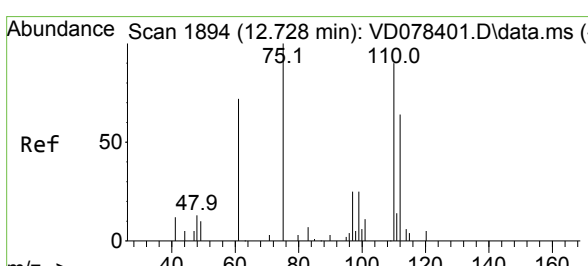
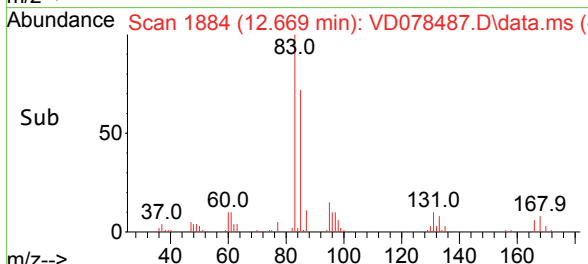
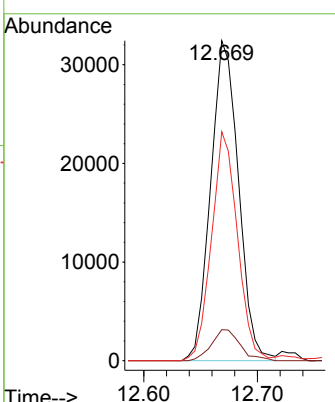
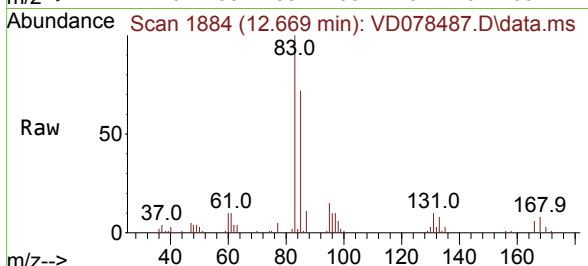




#75
 1,1,2,2-Tetrachloroethane
 Concen: 95.194 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078487.D
 Acq: 20 Feb 2024 16:59

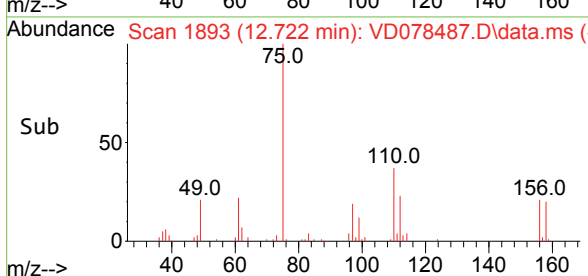
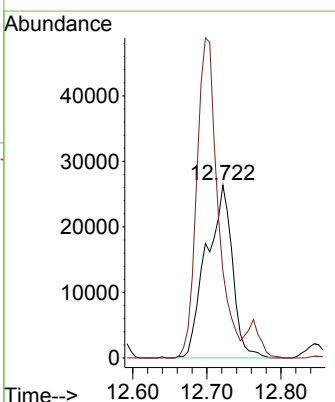
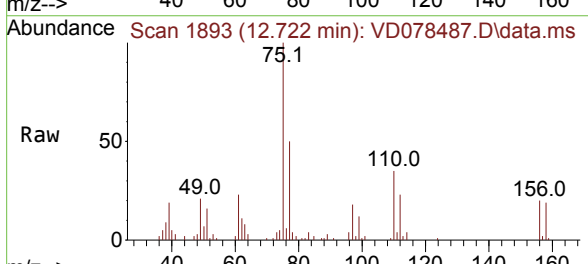
Instrument : MSVOA_D
 ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

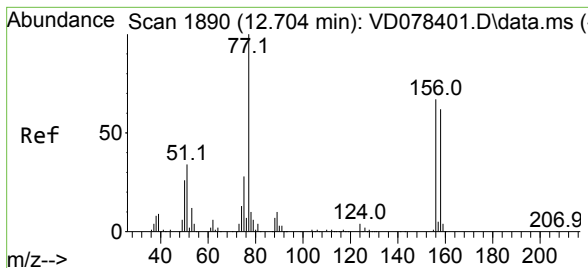
Tgt Ion:	83	Resp:	55258
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	66.9	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 174.502 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078487.D
 Acq: 20 Feb 2024 16:59

Tgt Ion:	75	Resp:	64561
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 81.967 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

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

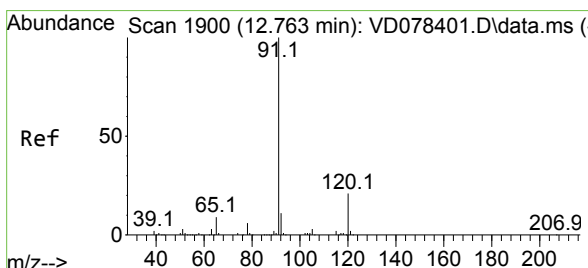
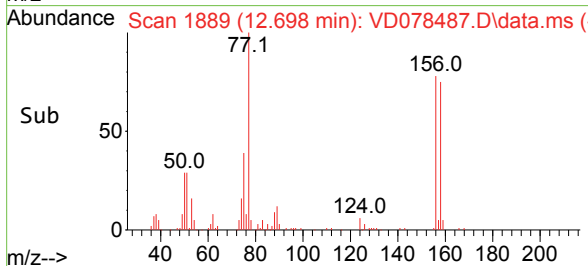
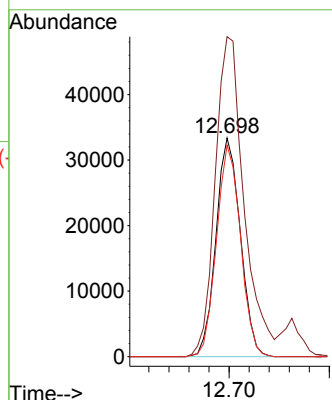
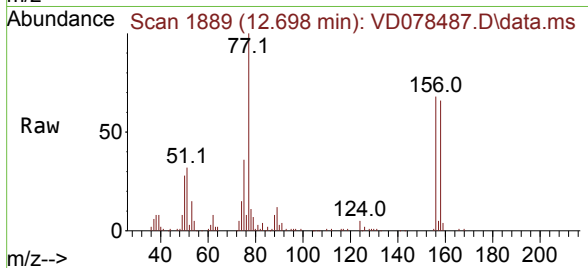
Tgt Ion:156 Resp: 56370

Ion Ratio Lower Upper

156 100

77 172.2 76.8 230.4

158 95.1 48.6 145.9



#78

n-propylbenzene

Concen: 59.574 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078487.D

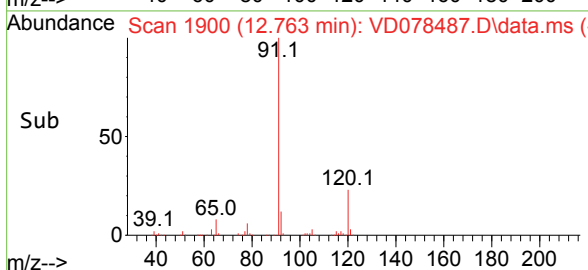
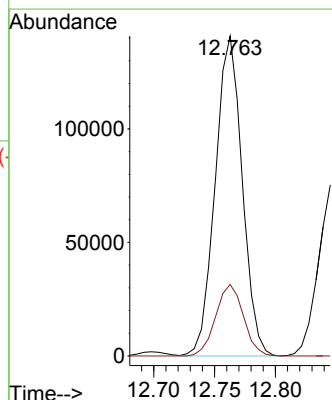
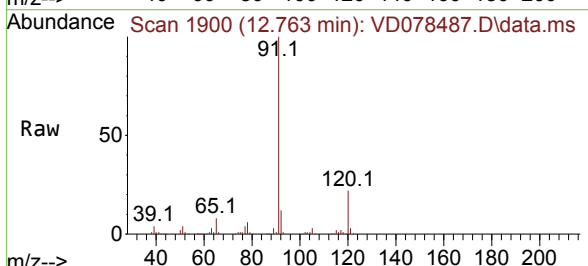
Acq: 20 Feb 2024 16:59

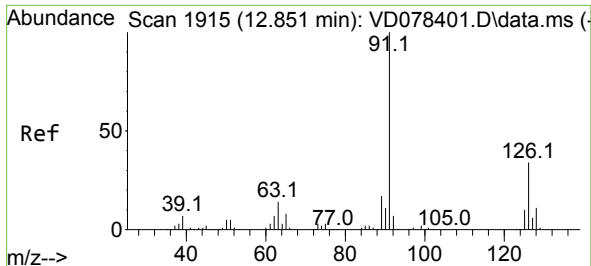
Tgt Ion: 91 Resp: 217247

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 65.003 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

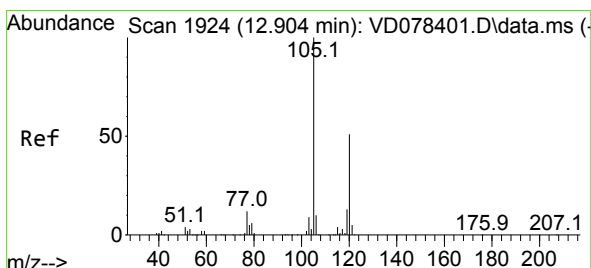
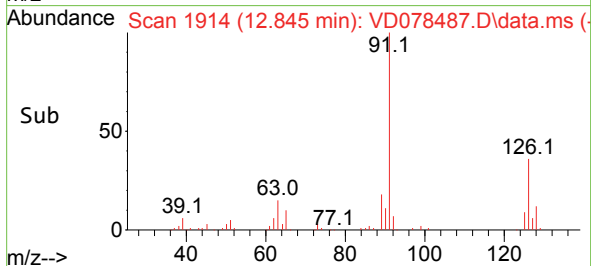
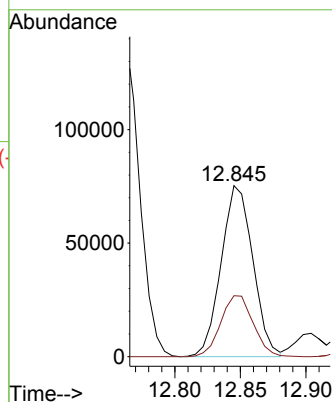
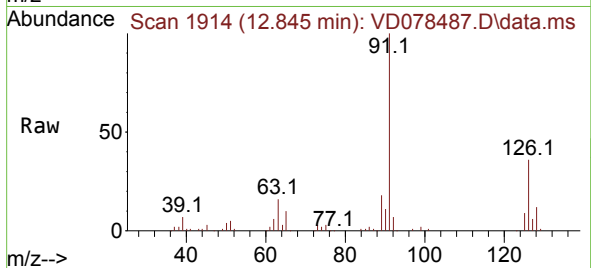
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion: 91 Resp: 126962

Ion Ratio Lower Upper

91 100

126 36.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 59.934 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078487.D

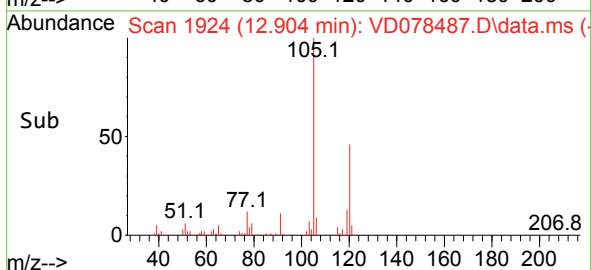
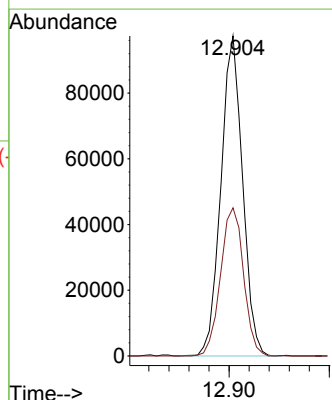
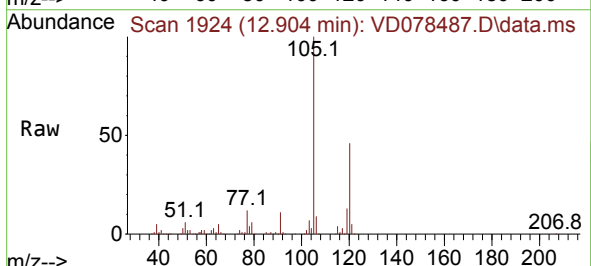
Acq: 20 Feb 2024 16:59

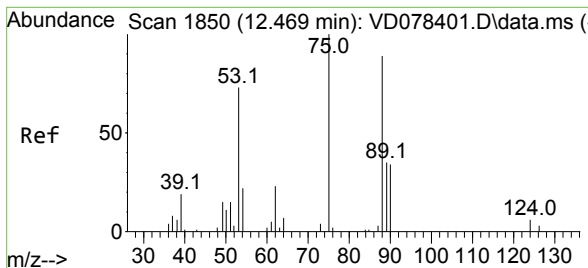
Tgt Ion: 105 Resp: 145632

Ion Ratio Lower Upper

105 100

120 49.1 26.4 79.2

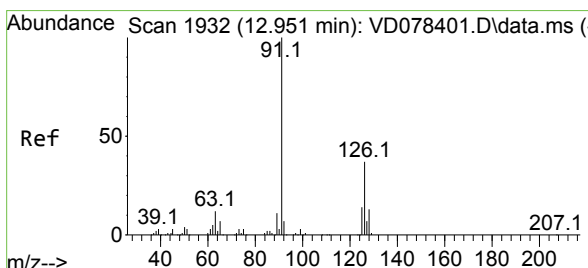
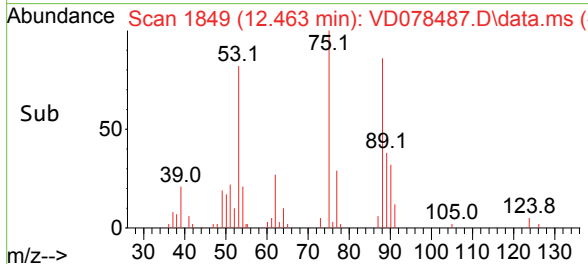
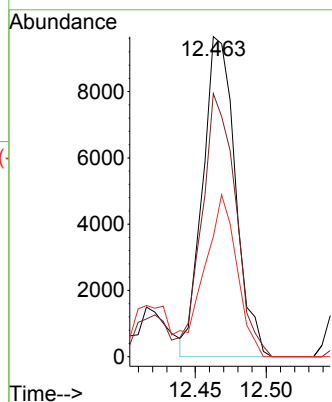
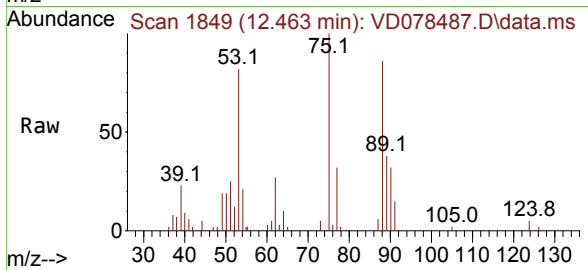




#81
trans-1,4-Dichloro-2-butene
Concen: 86.588 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

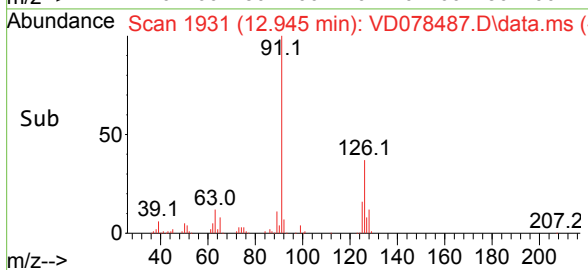
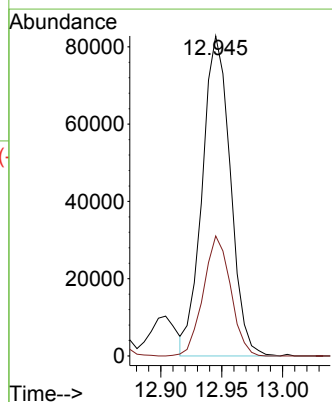
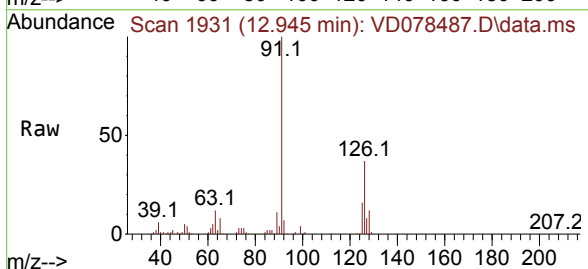
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

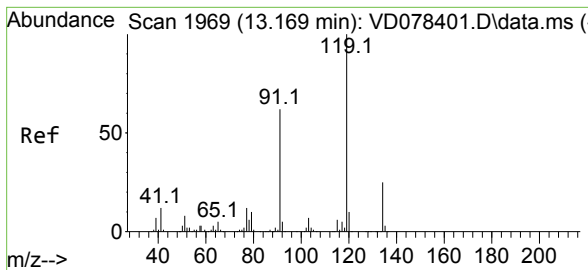
Tgt Ion:	75	Resp:	15431
Ion	Ratio	Lower	Upper
75	100		
53	85.3	63.0	94.4
89	47.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 63.437 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:	91	Resp:	133075
Ion	Ratio	Lower	Upper
91	100		
126	36.3	19.4	58.4

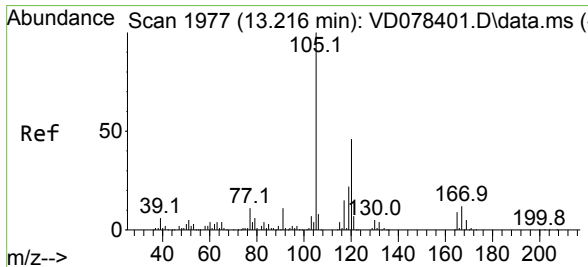
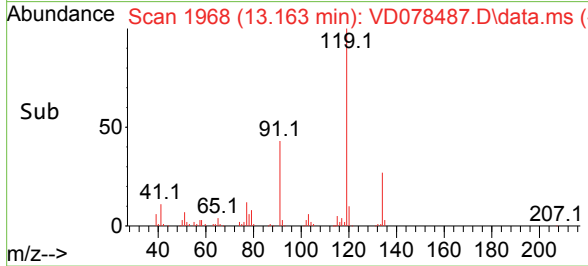
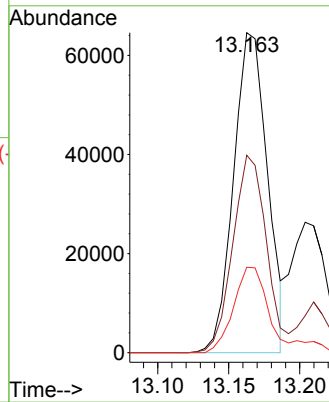
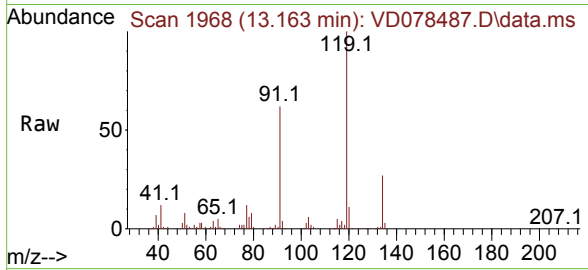




#83
tert-Butylbenzene
Concen: 52.394 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

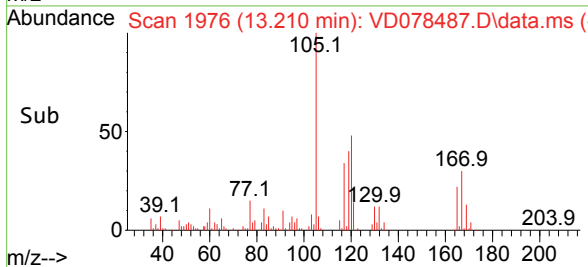
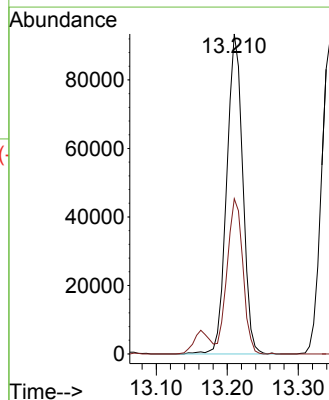
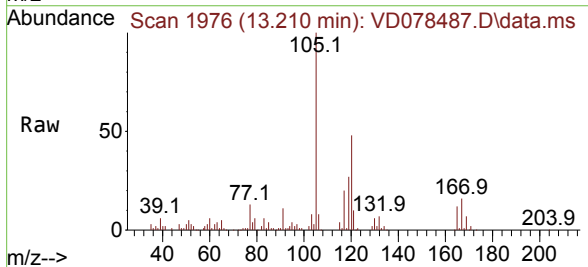
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

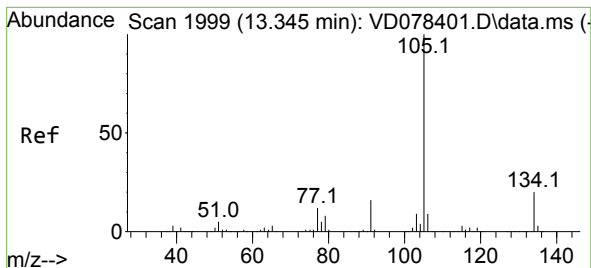
Tgt Ion:119 Resp: 107368
Ion Ratio Lower Upper
119 100
91 61.3 29.3 87.8
134 29.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 59.304 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:105 Resp: 146249
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 44.572 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

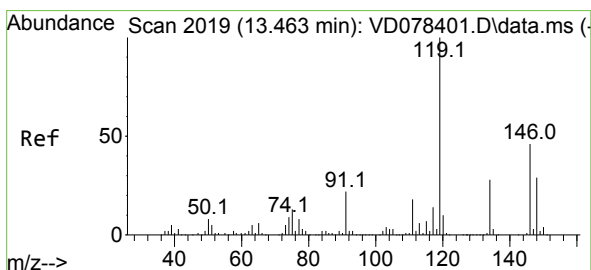
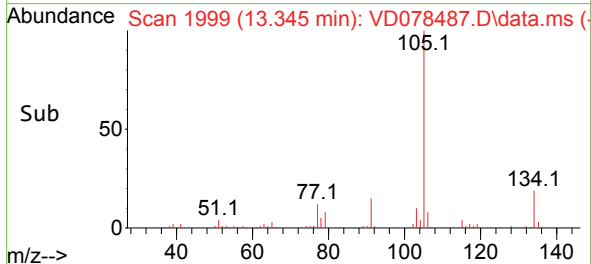
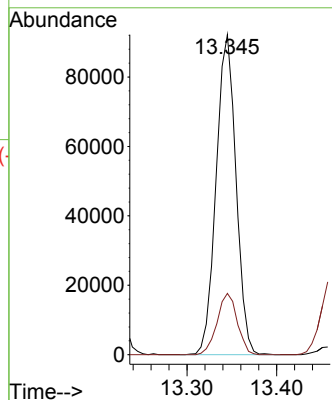
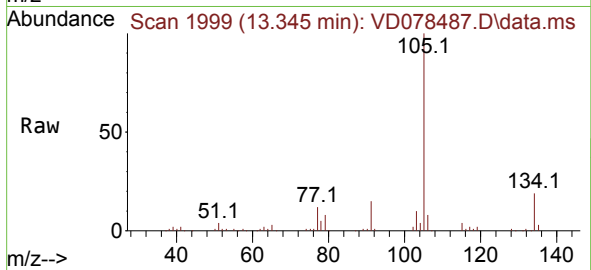
20240765-COMPOSITE-39N-N-3-03M

Tgt Ion:105 Resp: 141654

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 44.876 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

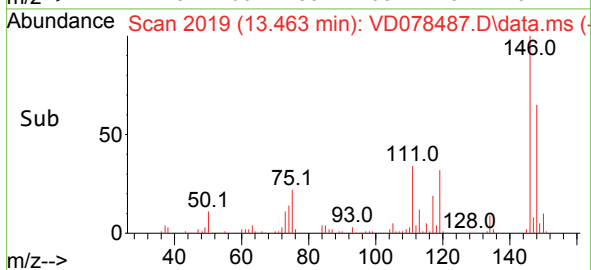
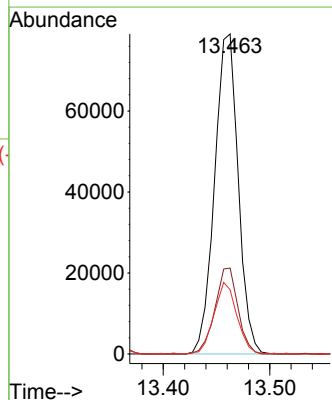
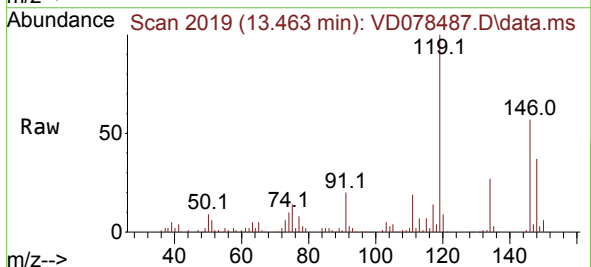
Tgt Ion:119 Resp: 121477

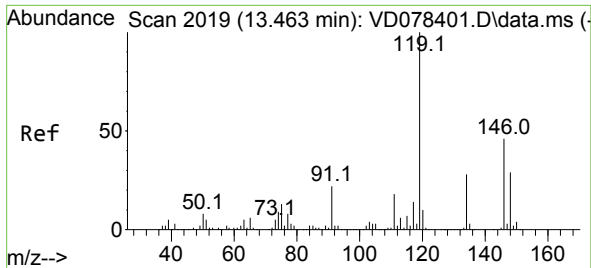
Ion Ratio Lower Upper

119 100

134 26.1 14.2 42.6

91 21.7 10.5 31.5

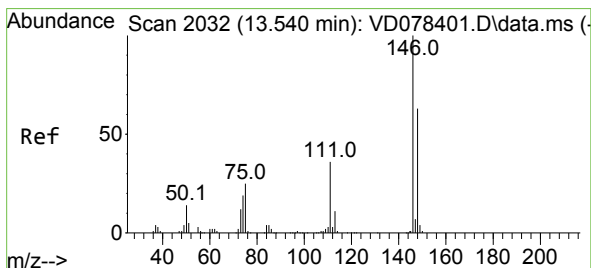
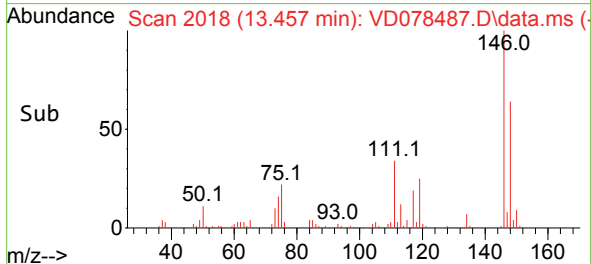
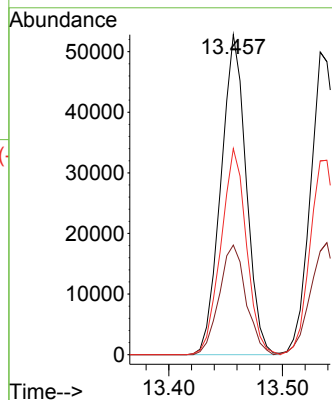
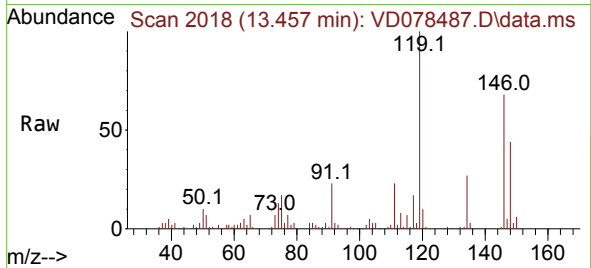




#87
1,3-Dichlorobenzene
Concen: 55.779 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

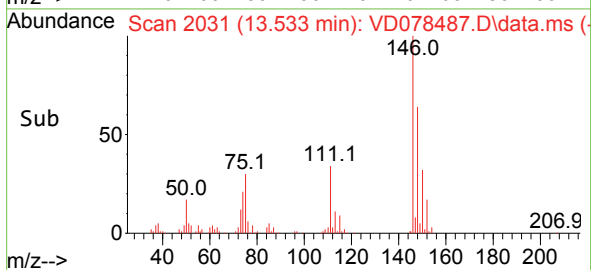
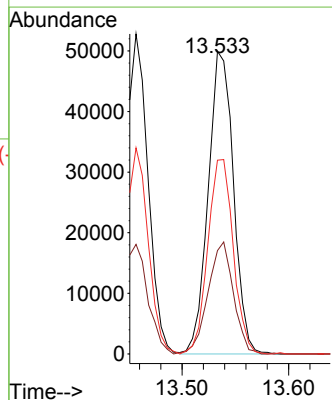
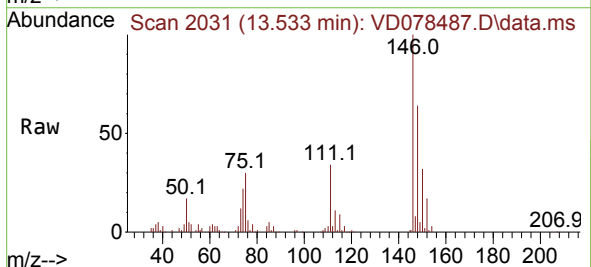
Instrument : MSVOA_D
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03M

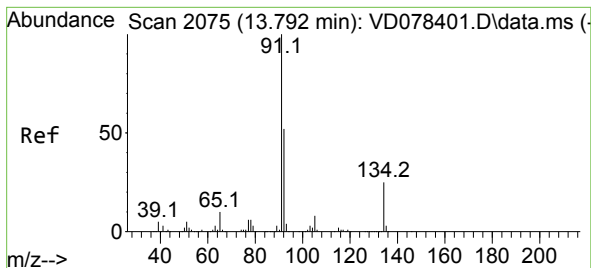
Tgt Ion:146	Resp:	81872
Ion	Ratio	Lower Upper
146	100	
111	36.2	17.9 53.8
148	64.8	32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 56.962 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:146	Resp:	82152
Ion	Ratio	Lower Upper
146	100	
111	37.2	17.4 52.3
148	64.7	31.7 95.1





#89

n-Butylbenzene

Concen: 36.056 ug/l

RT: 13.786 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

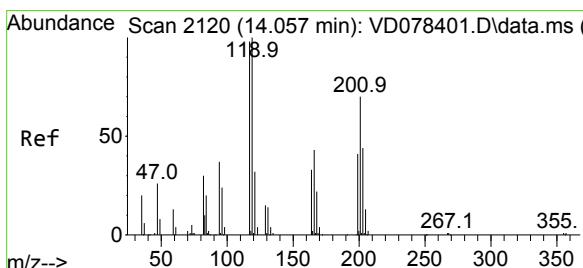
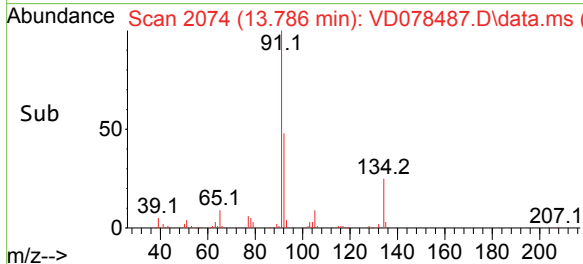
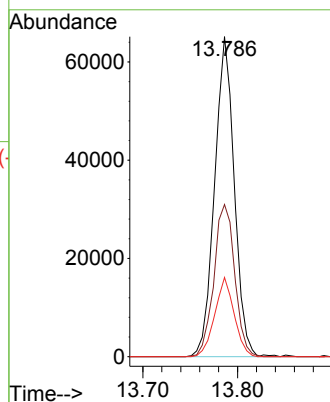
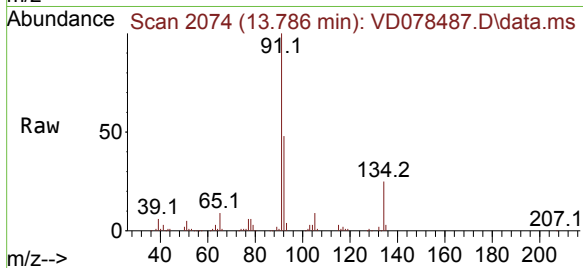
Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion:	91	Resp:	94073
Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.5	79.5
134	24.5	13.8	41.3



#90

Hexachloroethane

Concen: 38.705 ug/l

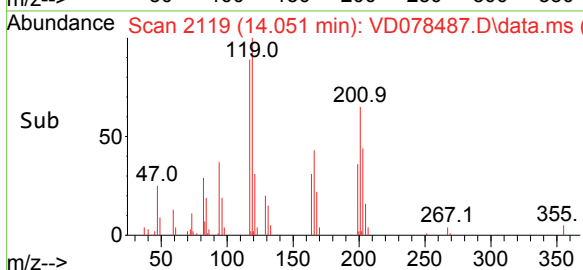
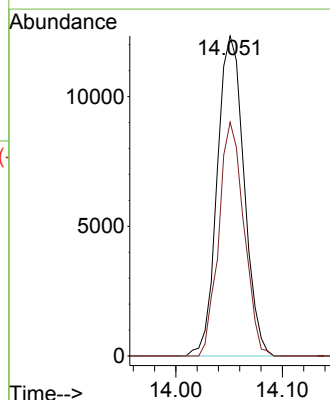
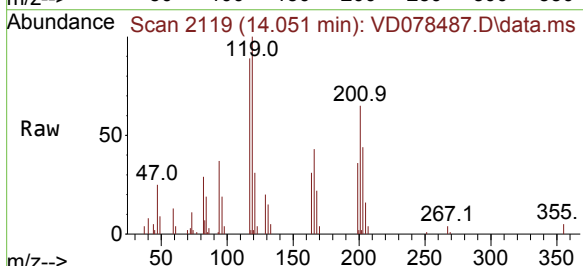
RT: 14.051 min Scan# 2119

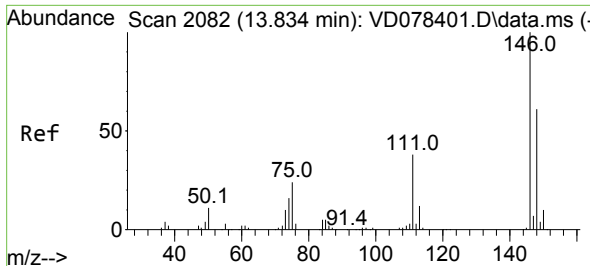
Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

Tgt Ion:	117	Resp:	21534
Ion	Ratio	Lower	Upper
117	100		
201	68.7	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 59.884 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078487.D

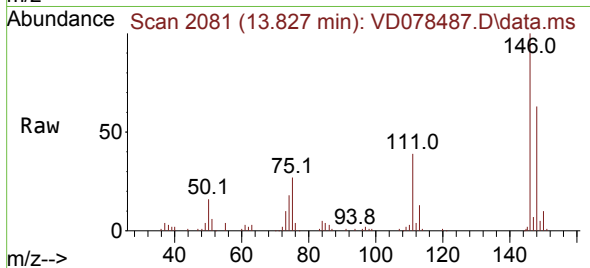
Acq: 20 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

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



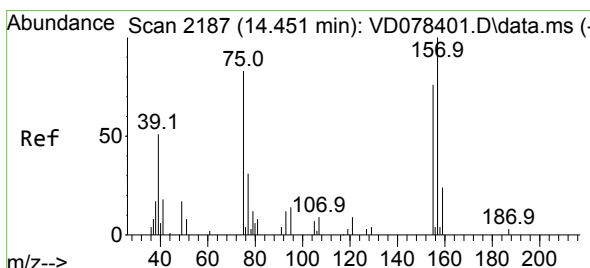
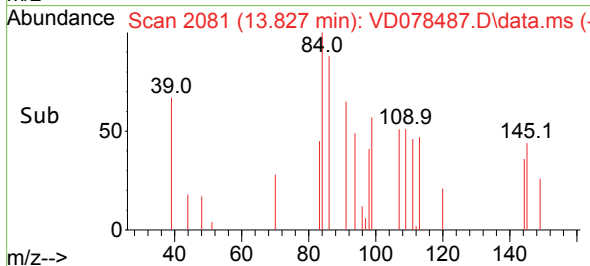
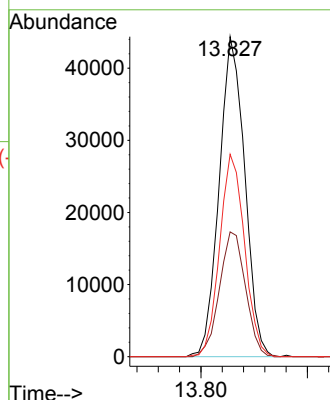
Tgt Ion:146 Resp: 73811

Ion Ratio Lower Upper

146 100

111 39.8 18.3 54.8

148 61.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 90.479 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078487.D

Acq: 20 Feb 2024 16:59

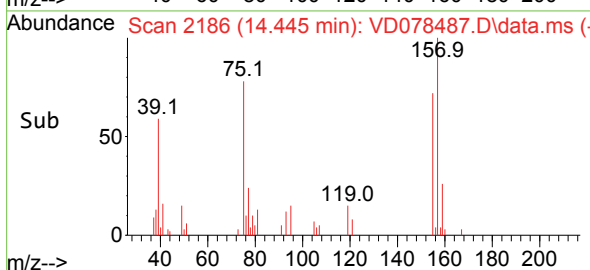
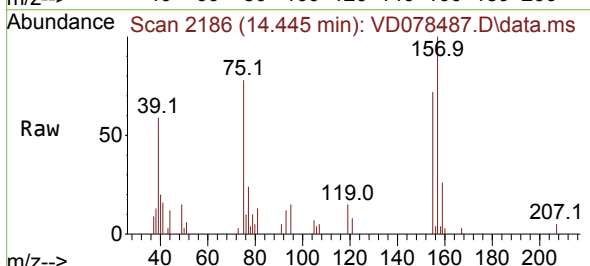
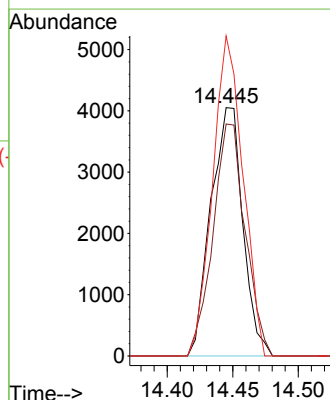
Tgt Ion: 75 Resp: 6877

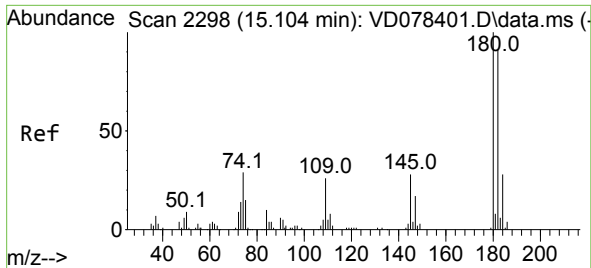
Ion Ratio Lower Upper

75 100

155 94.2 47.9 143.8

157 122.3 59.9 179.7

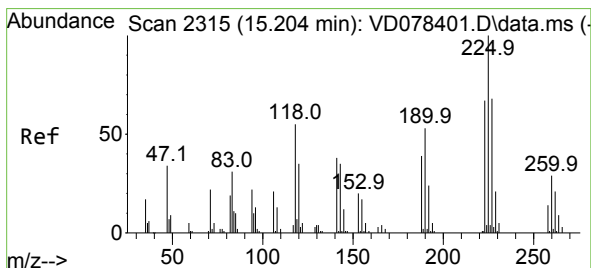
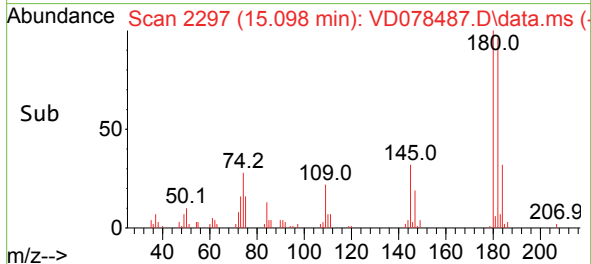
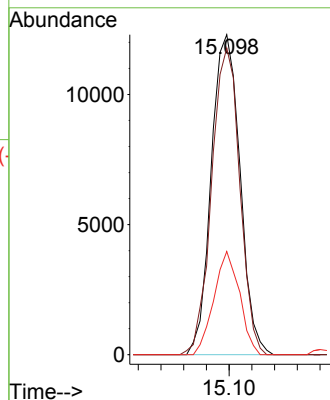
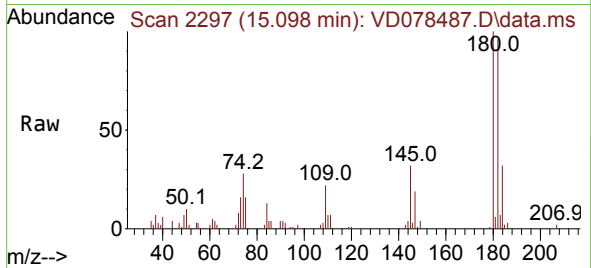




#93
1,2,4-Trichlorobenzene
Concen: 29.790 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

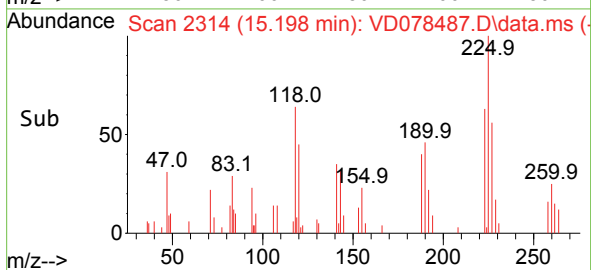
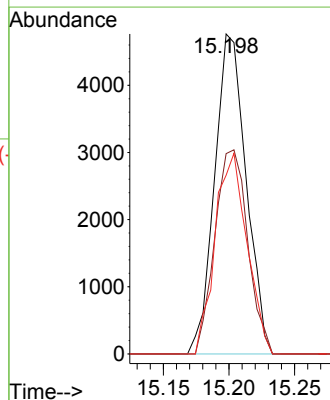
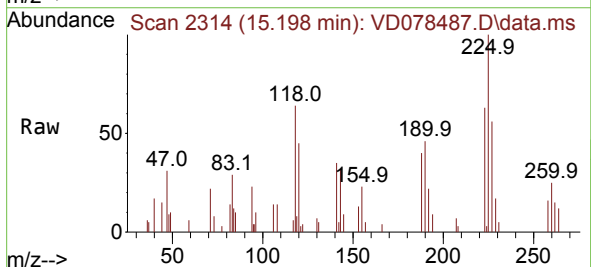
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03M

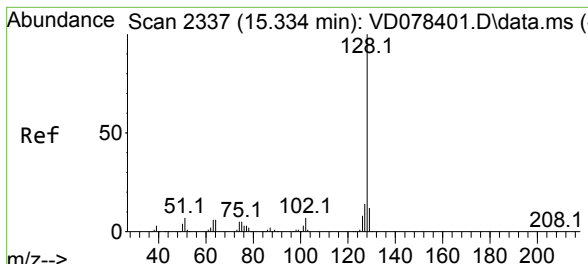
Tgt Ion:	180	Resp:	21579
Ion Ratio	Lower	Upper	
180	100		
182	93.8	48.5	145.6
145	28.8	14.2	42.6



#94
Hexachlorobutadiene
Concen: 21.047 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:	225	Resp:	7958
Ion Ratio	Lower	Upper	
225	100		
223	66.6	31.6	94.8
227	63.5	31.7	95.1

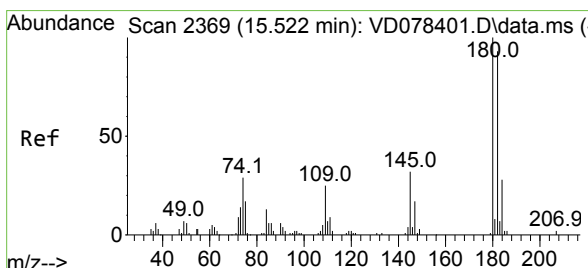
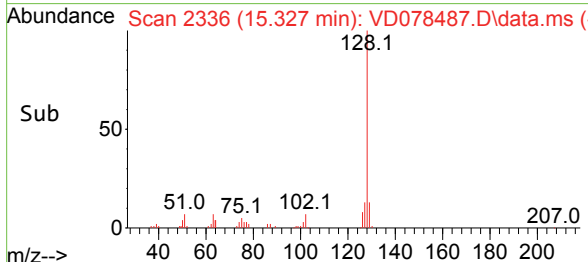
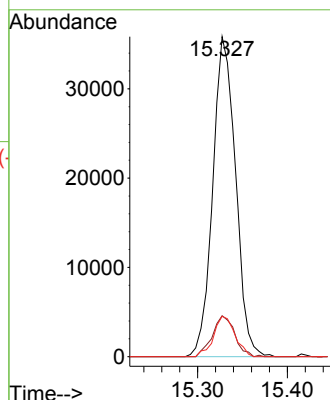
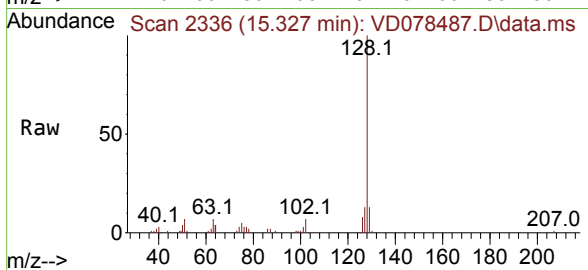




#95
Naphthalene
Concen: 47.099 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

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

Tgt Ion:	128	Resp:	63280
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	12.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 28.015 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078487.D
Acq: 20 Feb 2024 16:59

Tgt Ion:	180	Resp:	17199
Ion	Ratio	Lower	Upper
180	100		
182	104.0	47.3	141.9
145	33.7	15.1	45.3

