

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078488.D
 Acq On : 20 Feb 2024 17:26
 Operator : RP/MD
 Sample : P1523-09MS
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-

Quant Time: Feb 21 05:26:53 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	94370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	166750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	69276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66169	64.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.700%
35) Dibromofluoromethane	7.804	113	3692	3.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	6.980%#
50) Toluene-d8	10.269	98	254234	60.001	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	120.000%
62) 4-Bromofluorobenzene	12.569	95	71611	58.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	116.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	46961	50.506	ug/l	92
3) Chloromethane	2.152	50	95023	55.609	ug/l	98
4) Vinyl Chloride	2.281	62	138048	52.943	ug/l	98
5) Bromomethane	2.687	94	91570	50.877	ug/l	99
6) Chloroethane	2.834	64	102391	53.851	ug/l	99
7) Trichlorofluoromethane	3.169	101	83537	47.493	ug/l	96
8) Diethyl Ether	3.593	74	29846	58.911	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	52432	47.251	ug/l	93
10) Methyl Iodide	4.158	142	45433	45.714	ug/l	91
11) Tert butyl alcohol	5.063	59	16844	305.838	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	57195	55.596	ug/l	91
13) Acrolein	3.793	56	534	5.665	ug/l #	73
14) Allyl chloride	4.563	41	55918	43.999	ug/l	91
15) Acrylonitrile	5.258	53	64056	295.351	ug/l	99
16) Acetone	4.022	43	74926	405.220	ug/l #	80
17) Carbon Disulfide	4.269	76	277025	80.026	ug/l	98
18) Methyl Acetate	4.575	43	292	4.312	ug/l #	78
19) Methyl tert-butyl Ether	5.322	73	135761	62.113	ug/l	96
20) Methylene Chloride	4.805	84	74475	65.382	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	63935	52.828	ug/l	97
22) Diisopropyl ether	6.216	45	149944	53.530	ug/l	95
23) Vinyl Acetate	6.222	43	78986	58.037	ug/l #	63
24) 1,1-Dichloroethane	6.110	63	107776	54.313	ug/l	98
25) 2-Butanone	7.087	43	84584	332.353	ug/l	93
26) 2,2-Dichloropropane	7.075	77	86302	51.880	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	71865	54.123	ug/l	94
28) Bromochloromethane	7.428	49	49805	63.369	ug/l	86
29) Tetrahydrofuran	7.446	42	48009	316.378	ug/l	91
30) Chloroform	7.599	83	118418	56.403	ug/l	97
31) Cyclohexane	7.881	56	68161	39.489	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	92330	51.580	ug/l	98
36) 1,1-Dichloropropene	8.004	75	78179	47.511	ug/l	97
37) Ethyl Acetate	7.087	43	84584	146.639	ug/l #	1
38) Carbon Tetrachloride	7.993	117	75324	46.223	ug/l	98
39) Methylcyclohexane	9.275	83	74102	37.934	ug/l	93
40) Benzene	8.251	78	254872	53.587	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18992	63.265	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	69082	56.134	ug/l	99
43) Isopropyl Acetate	8.363	43	22570	21.131	ug/l #	54
44) Trichloroethene	9.028	130	119387	98.392	ug/l	97
45) 1,2-Dichloropropane	9.304	63	65051	55.744	ug/l	99
46) Dibromomethane	9.398	93	36559	55.698	ug/l	92
47) Bromodichloromethane	9.587	83	87654	53.916	ug/l	99
48) Methyl methacrylate	9.381	41	3151	5.560	ug/l #	73
49) 1,4-Dioxane	9.387	88	8437	1186.927	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	175293	309.211	ug/l	94
52) Toluene	10.334	92	158600	52.731	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	77348	52.141	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	86912	48.317	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	47453	53.684	ug/l	95
56) Ethyl methacrylate	10.598	69	12226	14.955	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	86881	57.781	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	148510	308.401	ug/l	97
59) 2-Hexanone	10.922	43	128209	300.935	ug/l	89
60) Dibromochloromethane	11.075	129	59842	56.268	ug/l	93
61) 1,2-Dibromoethane	11.181	107	48695	58.680	ug/l	98
64) Tetrachloroethene	10.804	164	84912	89.286	ug/l	98
65) Chlorobenzene	11.604	112	164033	54.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	62198	55.914	ug/l	97
67) Ethyl Benzene	11.681	91	277232	51.116	ug/l	97
68) m/p-Xylenes	11.792	106	220337	104.152	ug/l	92
69) o-Xylene	12.122	106	102161	52.918	ug/l	94
70) Styrene	12.134	104	158260	50.229	ug/l	96
71) Bromoform	12.298	173	34660	59.198	ug/l #	97
73) Isopropylbenzene	12.422	105	242092	52.042	ug/l	96
74) N-amyl acetate	12.240	43	2820	3.204	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.722	83	1550	1.680	ug/l #	89
76) 1,2,3-Trichloropropane	12.722	75	65891	112.034	ug/l #	100
77) Bromobenzene	12.698	156	64822	59.293	ug/l	91
78) n-propylbenzene	12.763	91	289306	49.906	ug/l	97
79) 2-Chlorotoluene	12.845	91	164088	52.848	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	198070	51.278	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13509	47.685	ug/l	94
82) 4-Chlorotoluene	12.945	91	171480	51.423	ug/l	99
83) tert-Butylbenzene	13.163	119	155735	47.806	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	200701	51.196	ug/l	97
85) sec-Butylbenzene	13.345	105	217308	43.013	ug/l	95
86) p-Isopropyltoluene	13.457	119	194844	45.280	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	114492	49.069	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	115068	50.190	ug/l	98
89) n-Butylbenzene	13.786	91	160760	38.760	ug/l	97
90) Hexachloroethane	14.051	117	37968	42.930	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	101682	51.895	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7083	58.622	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	45449	39.469	ug/l	96
94) Hexachlorobutadiene	15.204	225	15435	25.680	ug/l	97
95) Naphthalene	15.328	128	115515	54.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	39330	40.301	ug/l	100

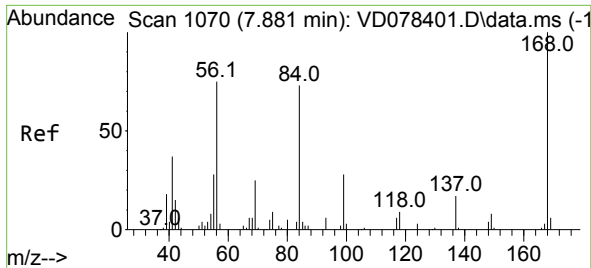
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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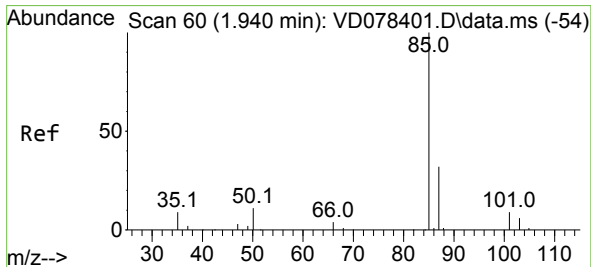
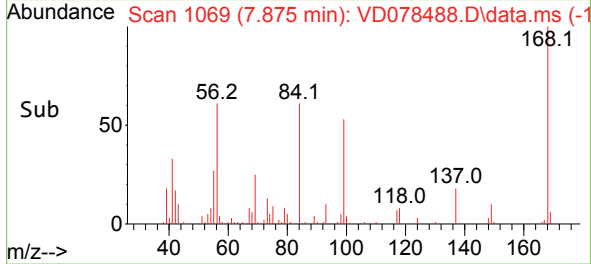
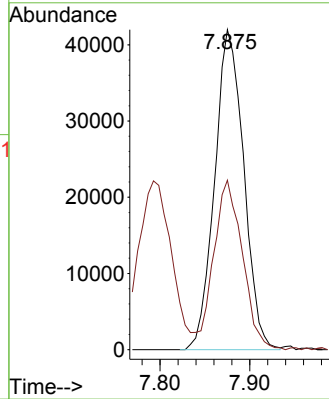
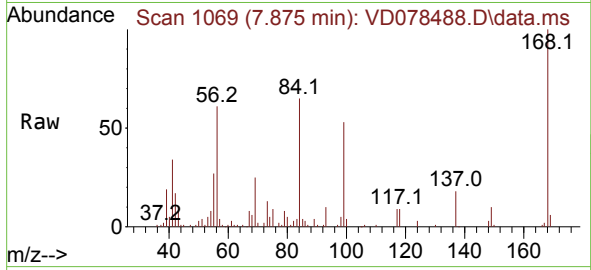
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078488.D
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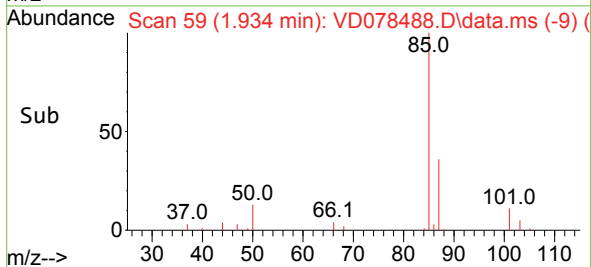
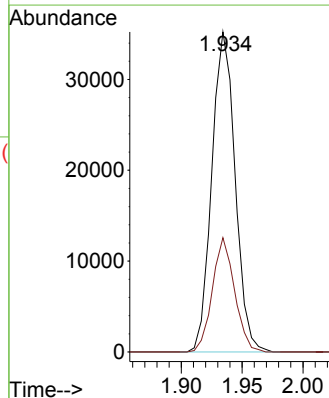
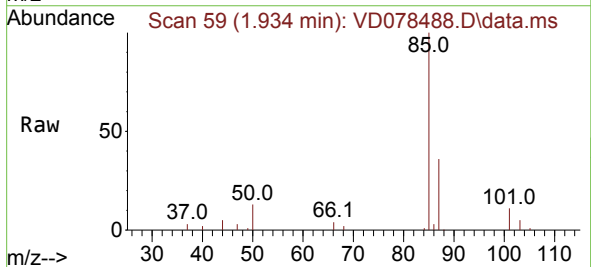
Instrument :
MSVOA_D
ClientSampleId :
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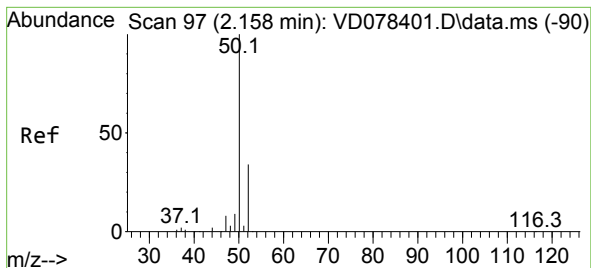
Tgt Ion:168 Resp: 94370
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 50.506 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 85 Resp: 46961
Ion Ratio Lower Upper
85 100
87 35.7 15.7 47.0





#3

Chloromethane

Concen: 55.609 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

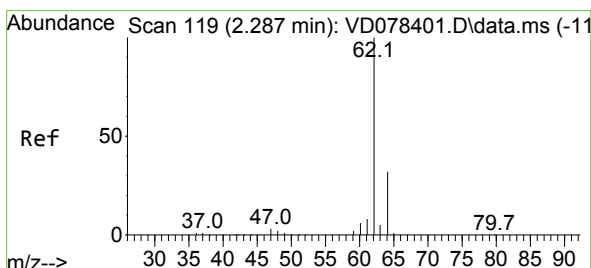
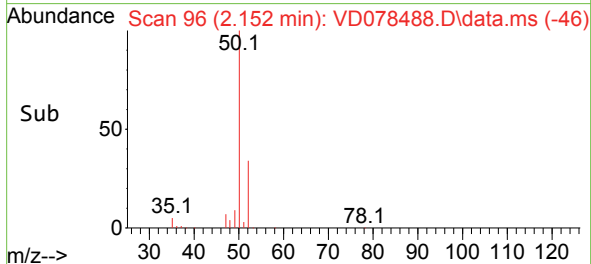
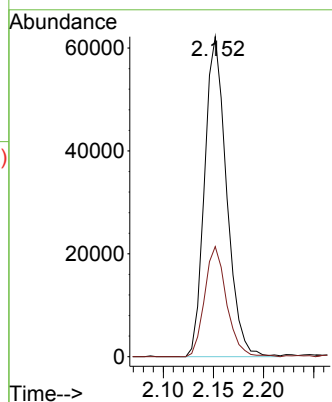
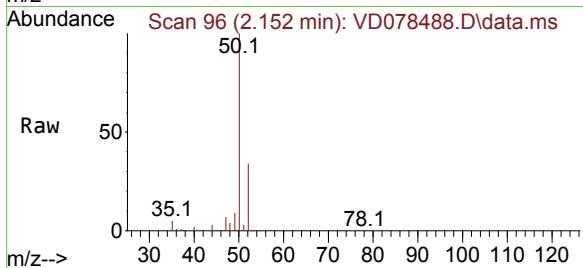
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion: 50 Resp: 95023

Ion Ratio Lower Upper

50 100

52 34.4 26.6 40.0



#4

Vinyl Chloride

Concen: 52.943 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD078488.D

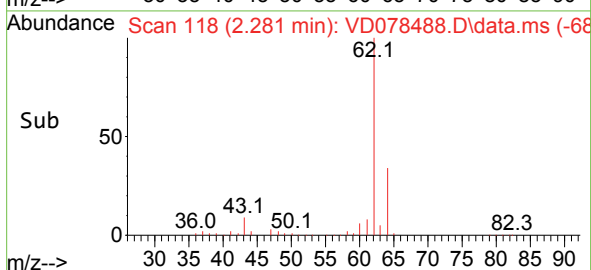
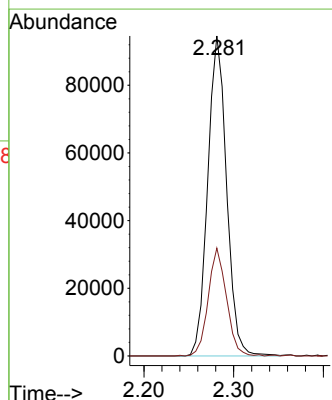
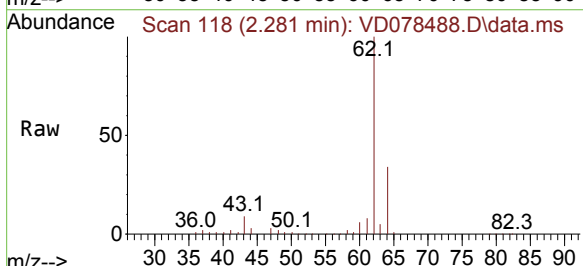
Acq: 20 Feb 2024 17:26

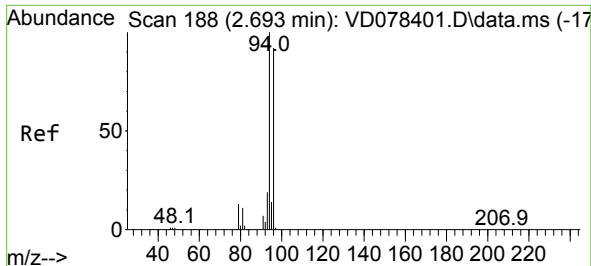
Tgt Ion: 62 Resp: 138048

Ion Ratio Lower Upper

62 100

64 33.7 26.0 39.0

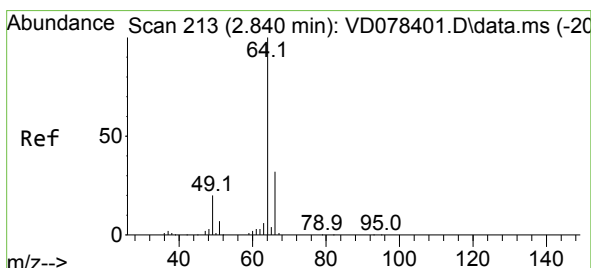
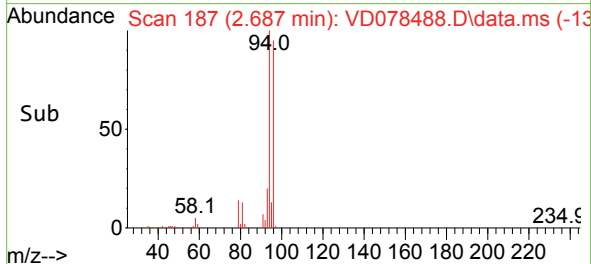
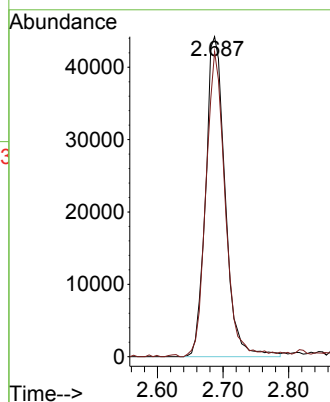
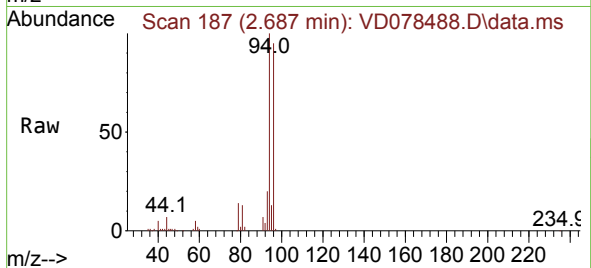




#5
Bromomethane
Concen: 50.877 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

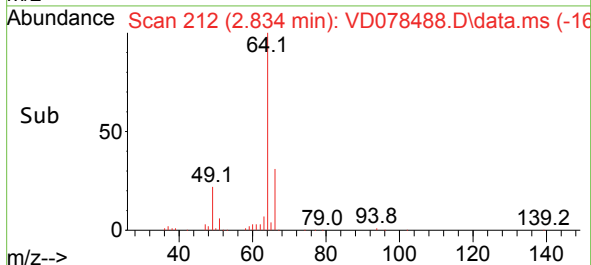
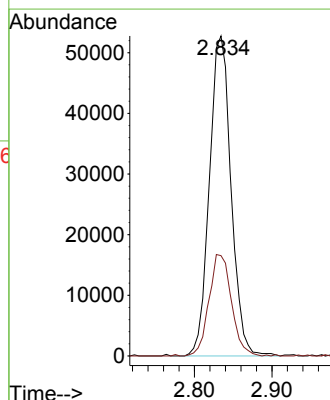
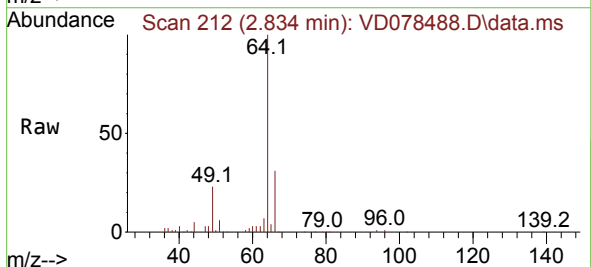
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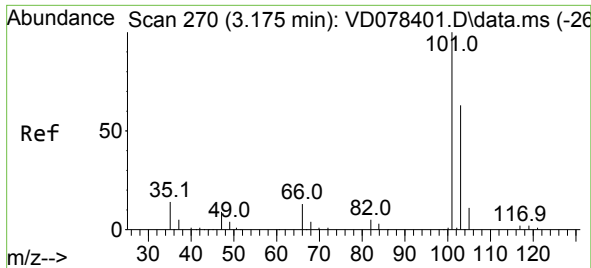
Tgt Ion: 94 Resp: 91570
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8



#6
Chloroethane
Concen: 53.851 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 64 Resp: 102391
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

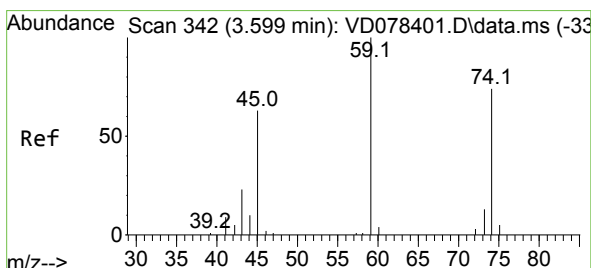
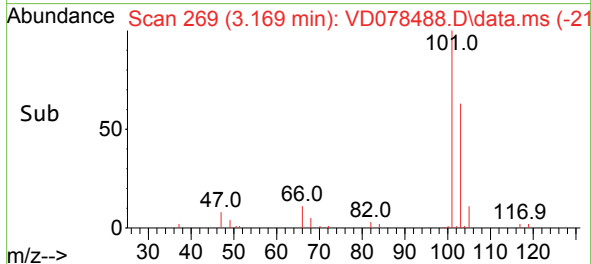
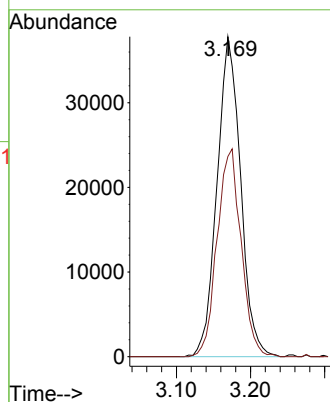
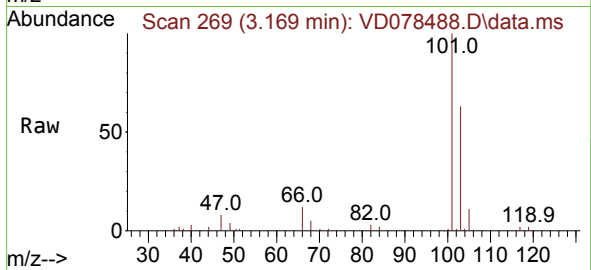




#7
 Trichlorofluoromethane
 Concen: 47.493 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

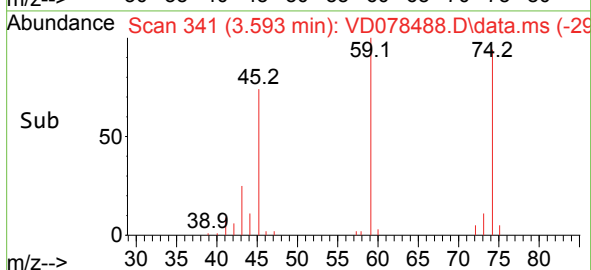
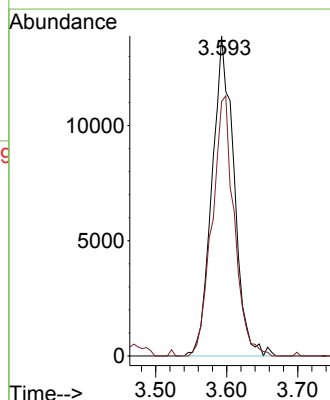
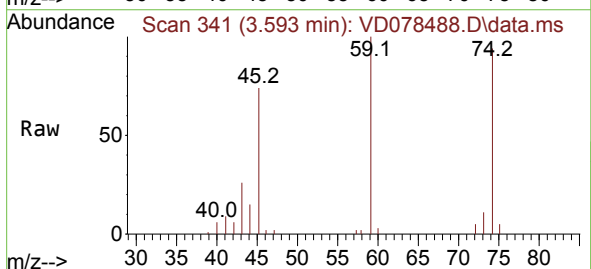
Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-

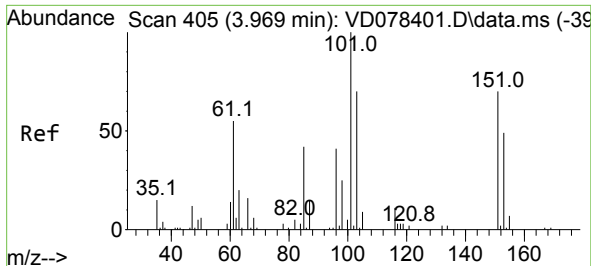
Tgt Ion:101 Resp: 83537
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 58.911 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

Tgt Ion: 74 Resp: 29846
 Ion Ratio Lower Upper
 74 100
 45 81.5 37.5 112.7

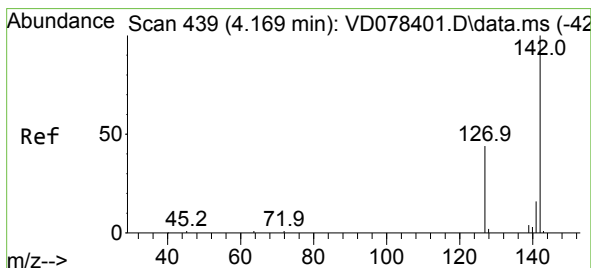
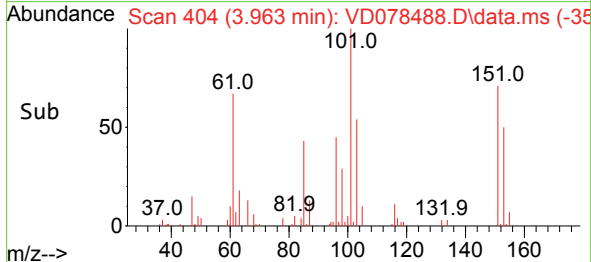
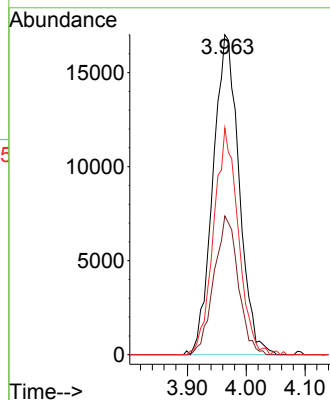
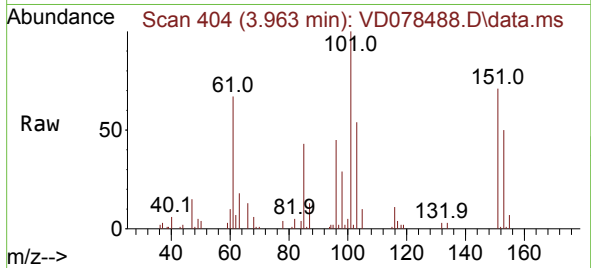




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.251 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078488.D
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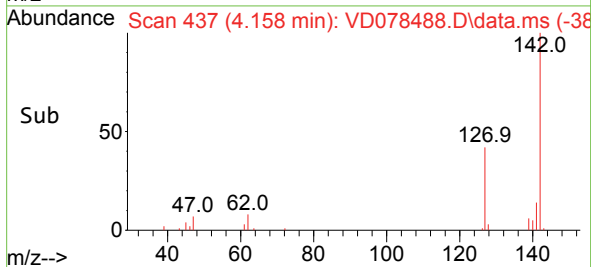
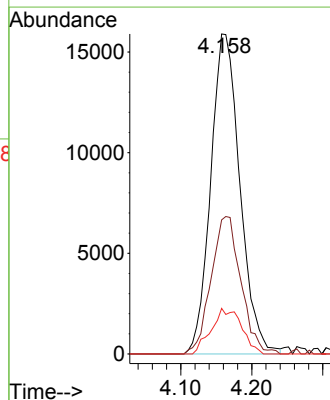
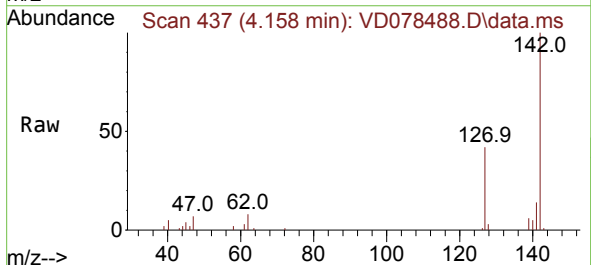
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

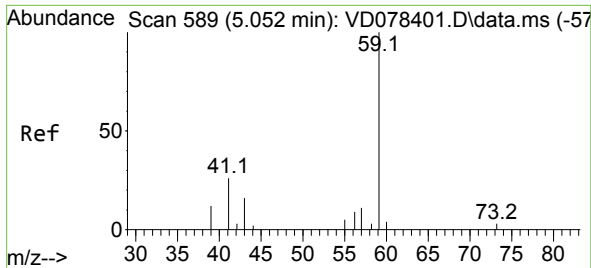
Tgt Ion:101 Resp: 52432
Ion Ratio Lower Upper
101 100
85 40.4 33.8 50.6
151 66.8 59.8 89.6



#10
Methyl Iodide
Concen: 45.714 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:142 Resp: 45433
Ion Ratio Lower Upper
142 100
127 43.7 29.4 44.0
141 14.7 11.1 16.7

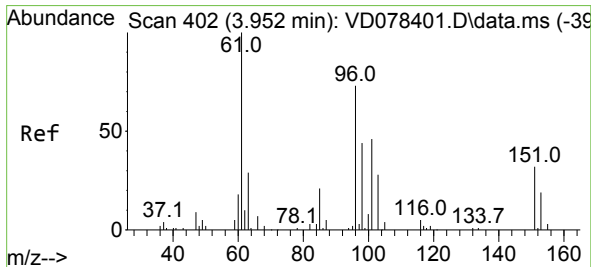
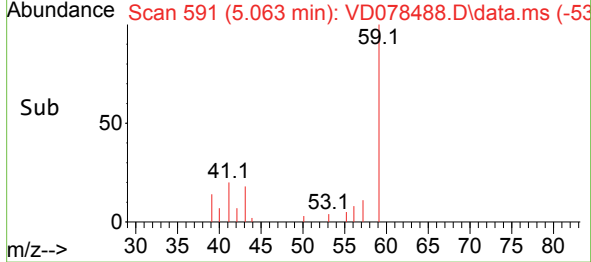
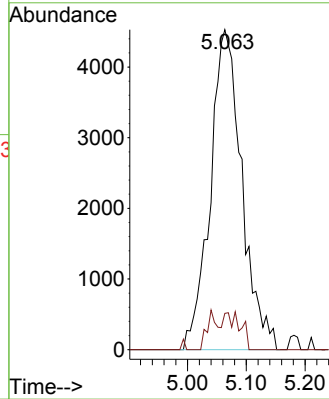
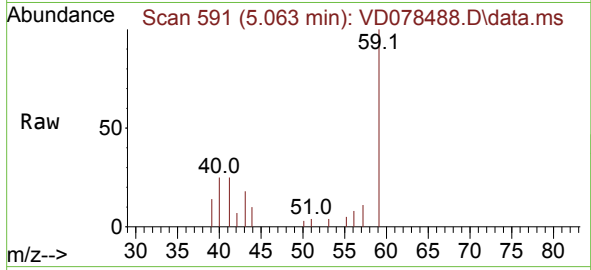




#11
Tert butyl alcohol
Concen: 305.838 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

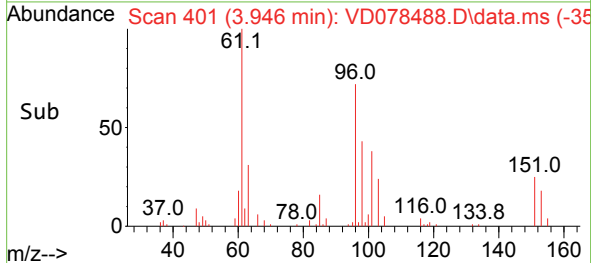
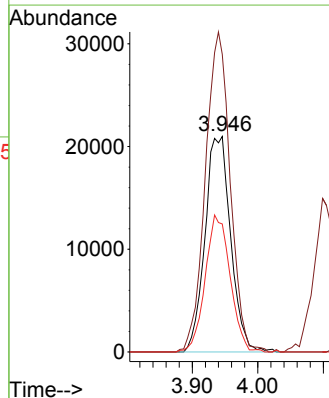
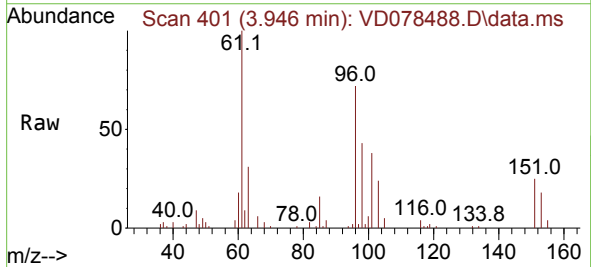
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

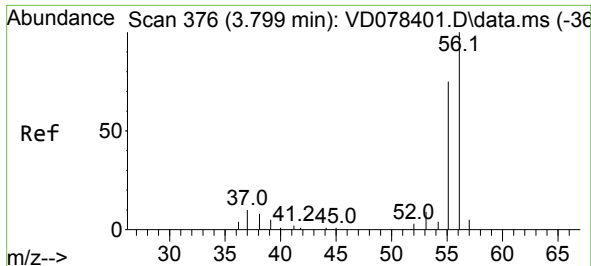
Tgt Ion: 59 Resp: 16844
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 55.596 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 96 Resp: 57195
Ion Ratio Lower Upper
96 100
61 138.1 100.6 150.8
98 59.3 50.2 75.2

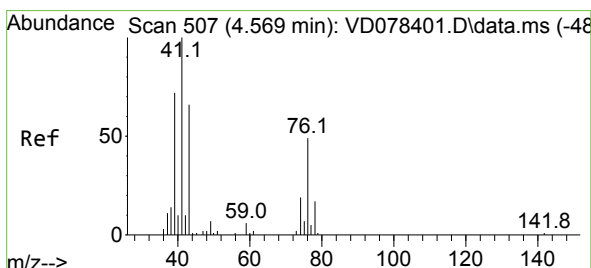
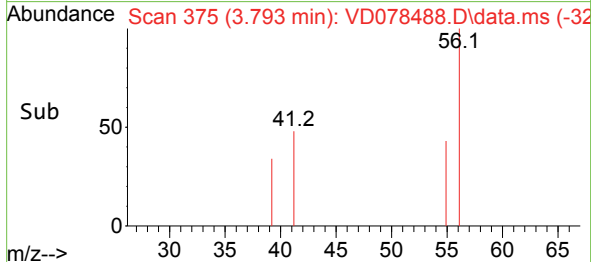
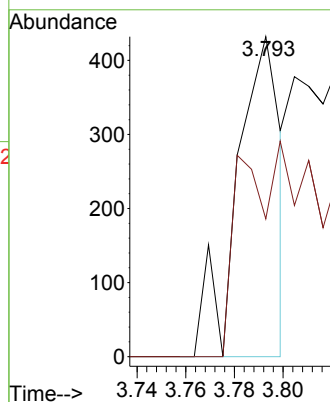
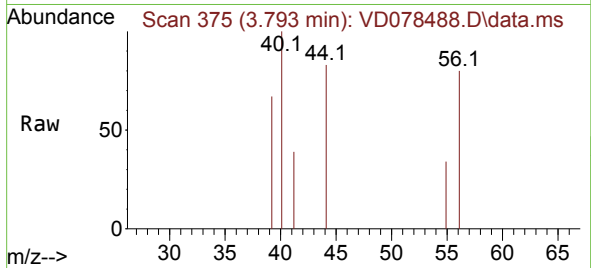




#13
Acrolein
Concen: 5.665 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

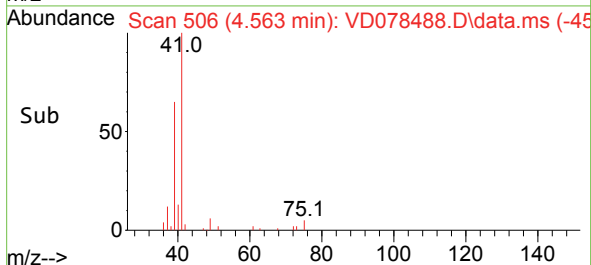
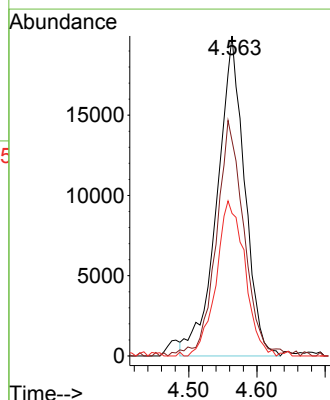
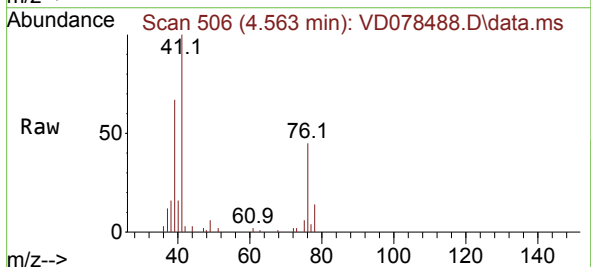
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

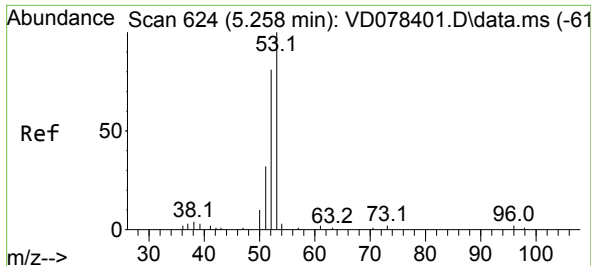
Tgt Ion: 56 Resp: 534
Ion Ratio Lower Upper
56 100
55 47.0 55.1 82.7#



#14
Allyl chloride
Concen: 43.999 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 41 Resp: 55918
Ion Ratio Lower Upper
41 100
39 74.5 53.8 80.6
76 50.5 45.8 68.8

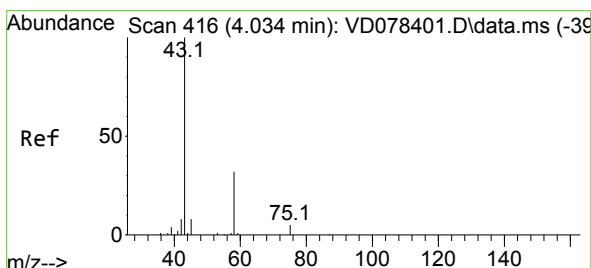
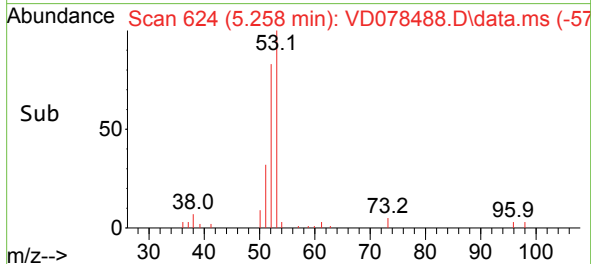
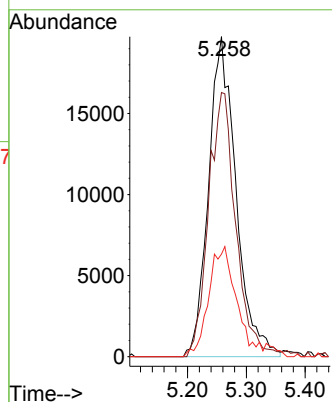
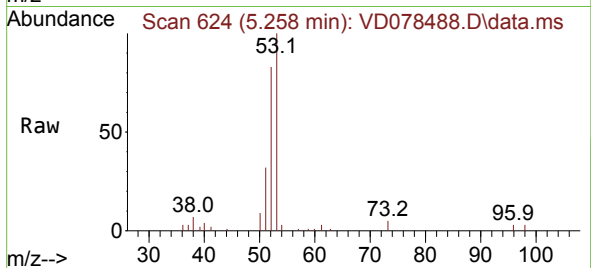




#15
Acrylonitrile
Concen: 295.351 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

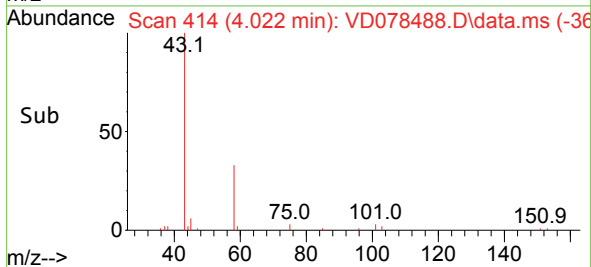
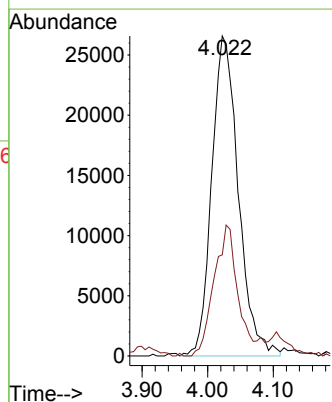
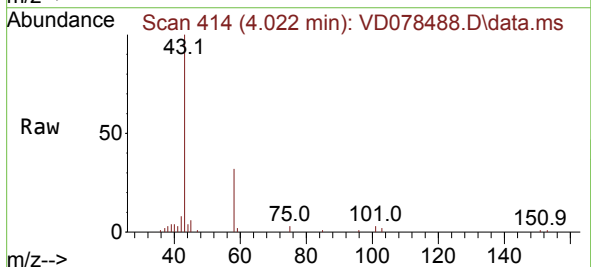
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

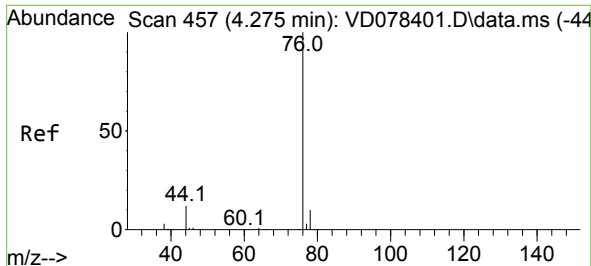
Tgt Ion:	53	Resp:	64056
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.4
51	34.9	28.3	42.5



#16
Acetone
Concen: 405.220 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:	43	Resp:	74926
Ion	Ratio	Lower	Upper
43	100		
58	30.8	34.7	52.1#





#17

Carbon Disulfide

Concen: 80.026 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078488.D

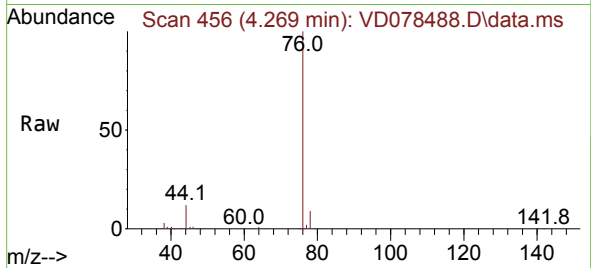
Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

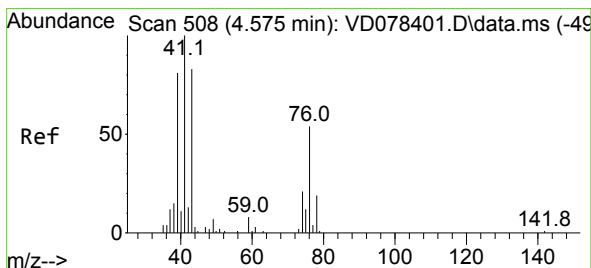
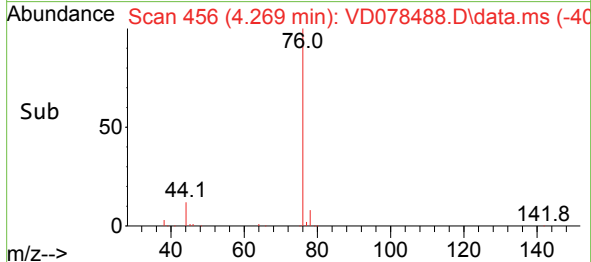
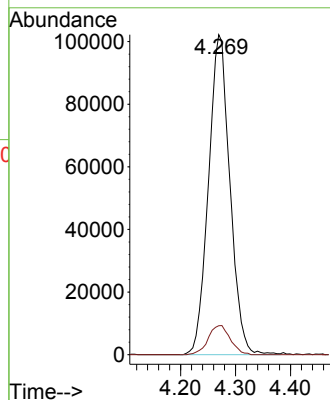


Tgt Ion: 76 Resp: 277025

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 4.312 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.000 min

Lab File: VD078488.D

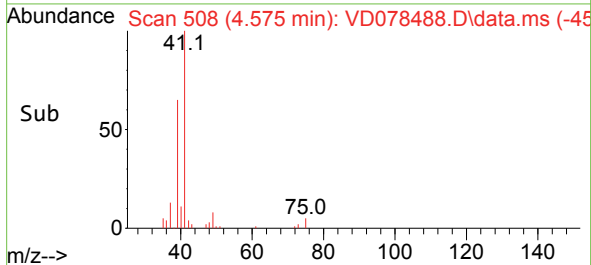
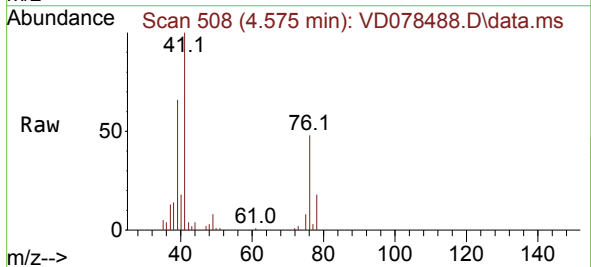
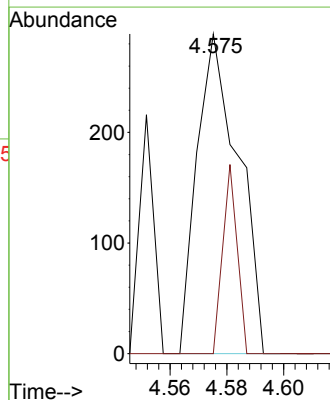
Acq: 20 Feb 2024 17:26

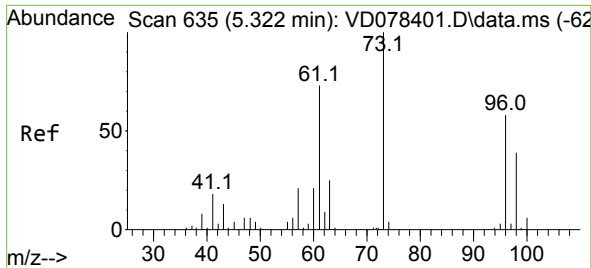
Tgt Ion: 43 Resp: 292

Ion Ratio Lower Upper

43 100

74 20.5 26.4 39.6#

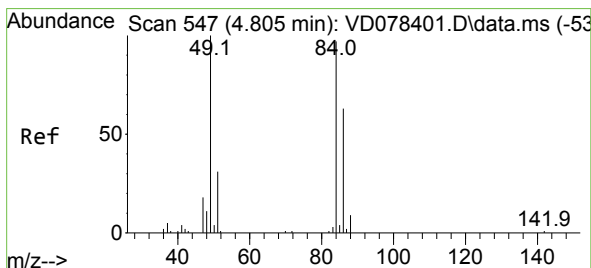
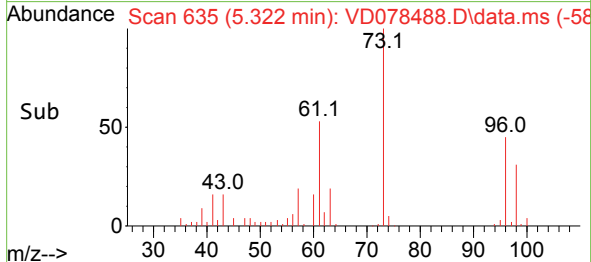
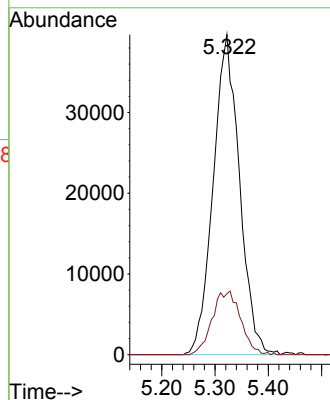
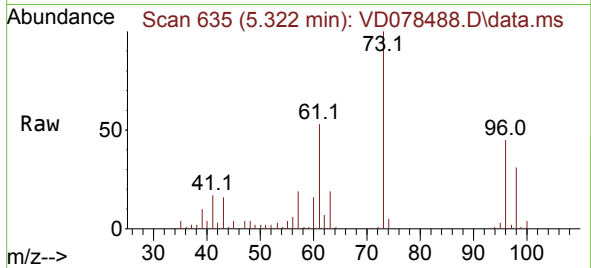




#19
Methyl tert-butyl Ether
Concen: 62.113 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

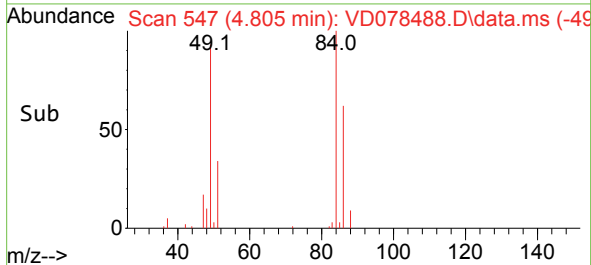
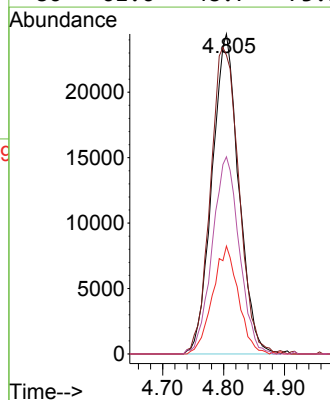
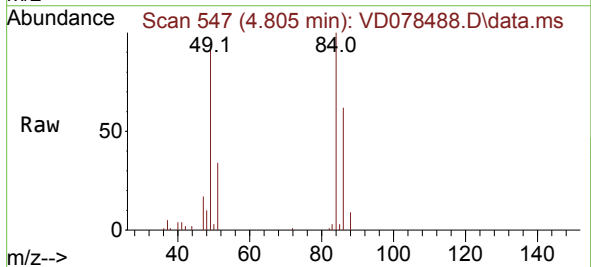
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

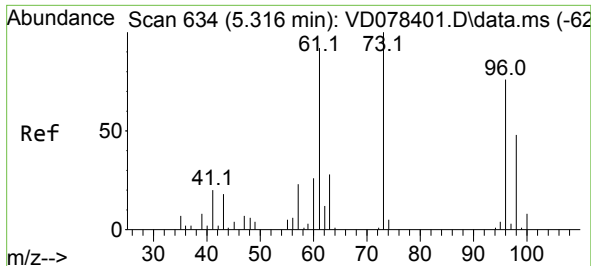
Tgt Ion: 73 Resp: 135761
Ion Ratio Lower Upper
73 100
57 19.1 16.6 25.0



#20
Methylene Chloride
Concen: 65.382 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

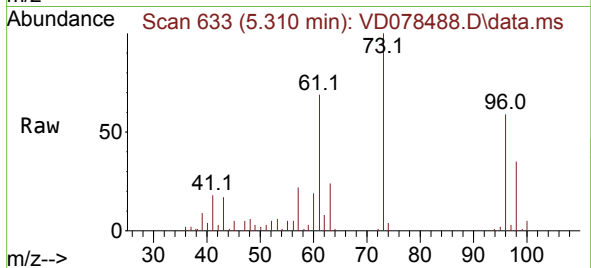
Tgt Ion: 84 Resp: 74475
Ion Ratio Lower Upper
84 100
49 93.4 71.4 107.2
51 33.7 24.5 36.7
86 61.6 48.7 73.1



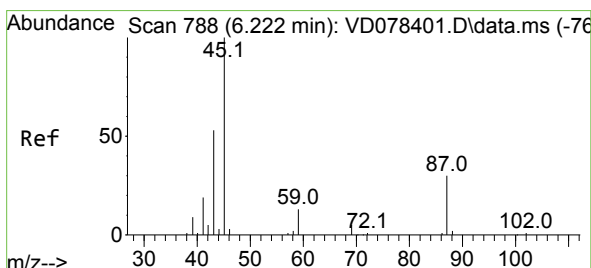
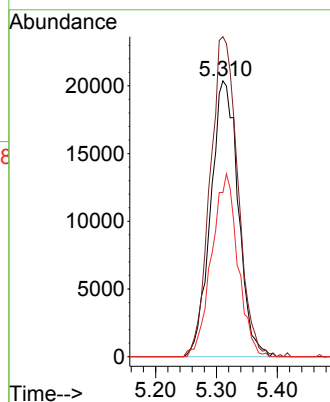
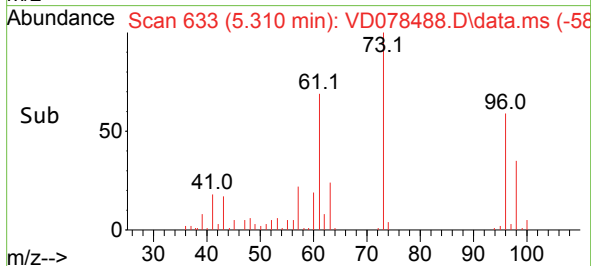


#21
trans-1,2-Dichloroethene
Concen: 52.828 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

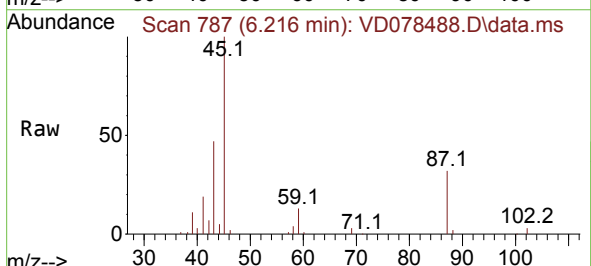
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-



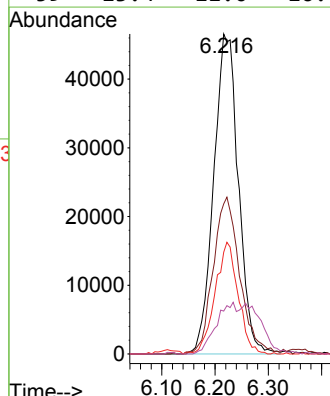
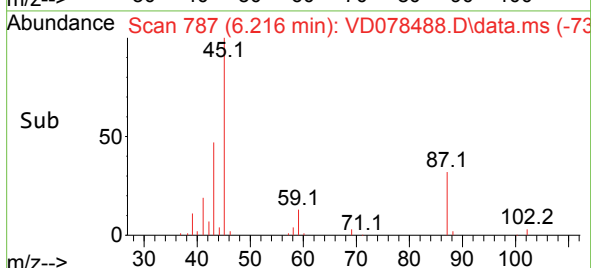
Tgt Ion: 96 Resp: 63935
Ion Ratio Lower Upper
96 100
61 116.0 89.3 133.9
98 59.5 48.6 73.0

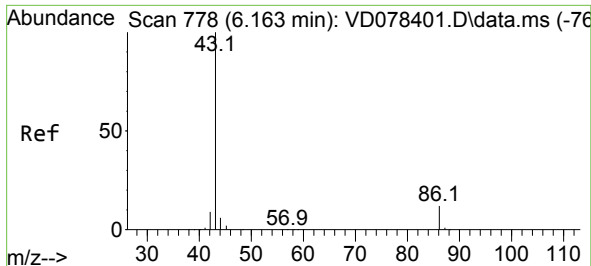


#22
Diisopropyl ether
Concen: 53.530 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26



Tgt Ion: 45 Resp: 149944
Ion Ratio Lower Upper
45 100
43 46.9 40.0 60.0
87 31.8 28.2 42.4
59 13.4 11.0 16.4

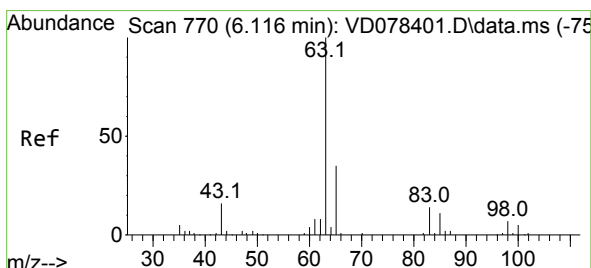
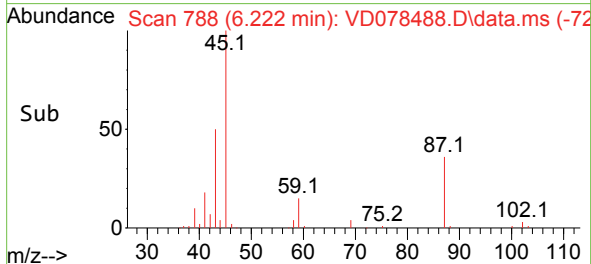
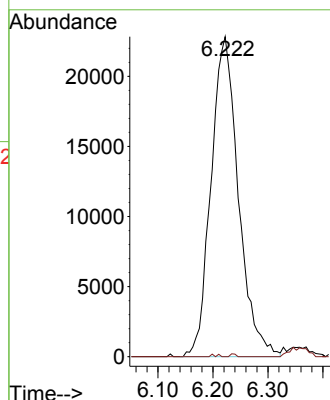
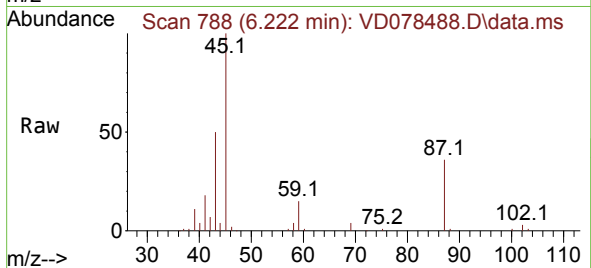




#23
 Vinyl Acetate
 Concen: 58.037 ug/l
 RT: 6.222 min Scan# 71
 Delta R.T. 0.059 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

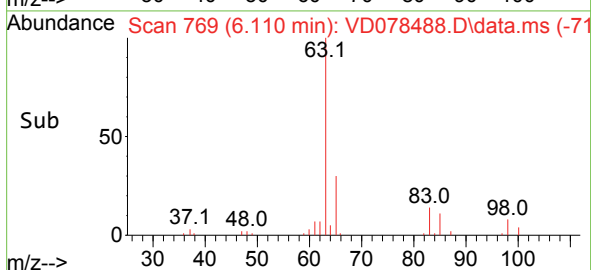
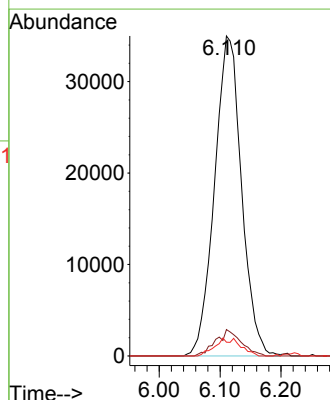
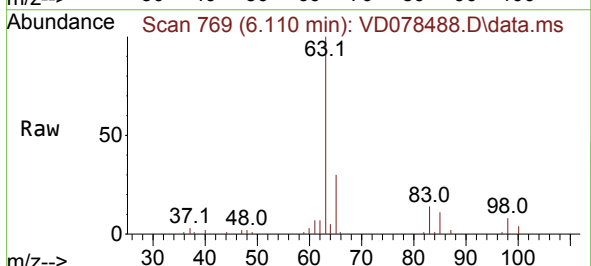
Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-

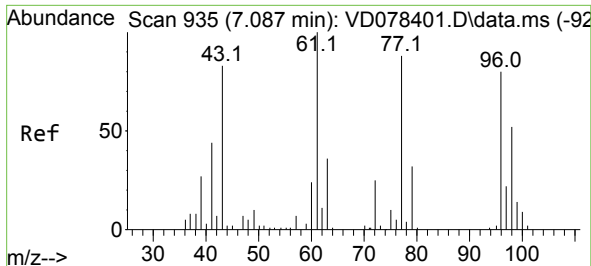
Tgt Ion: 43 Resp: 78986
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 54.313 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

Tgt Ion: 63 Resp: 107776
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 4.3 2.5 7.5

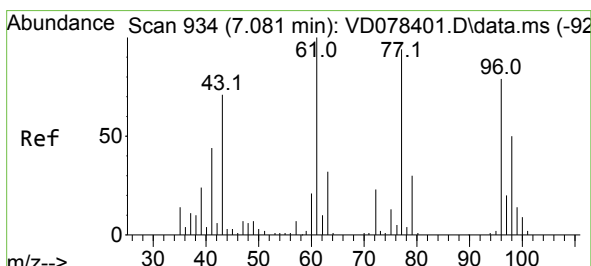
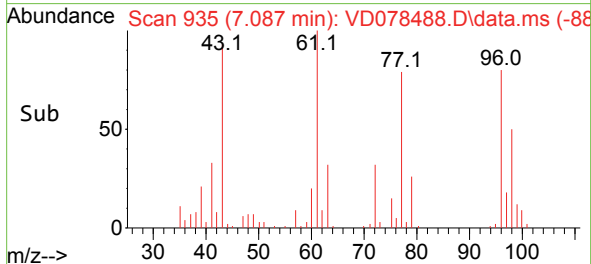
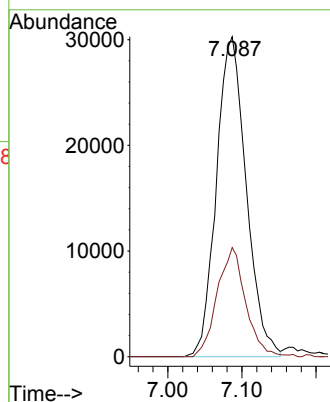
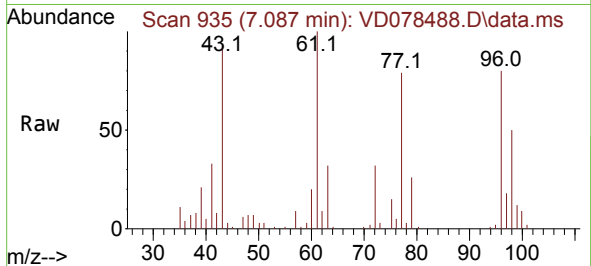




#25
2-Butanone
Concen: 332.353 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

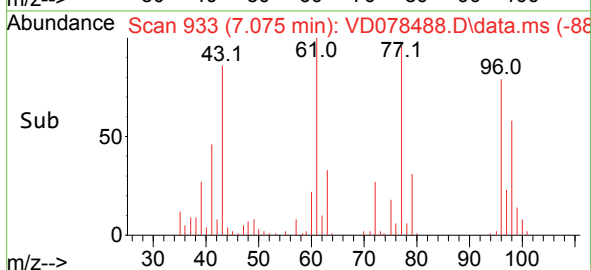
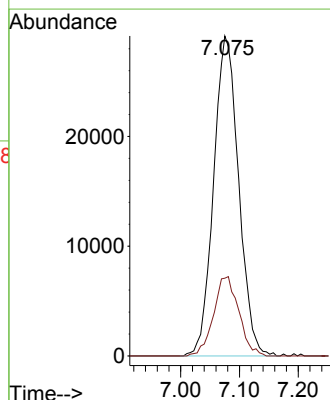
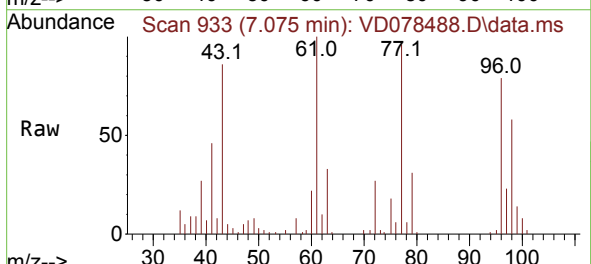
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

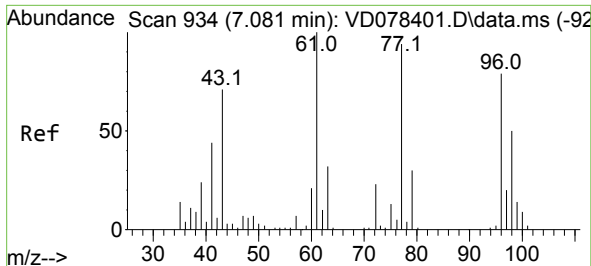
Tgt Ion: 43 Resp: 84584
Ion Ratio Lower Upper
43 100
72 34.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 51.880 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 77 Resp: 86302
Ion Ratio Lower Upper
77 100
97 25.0 13.2 39.6

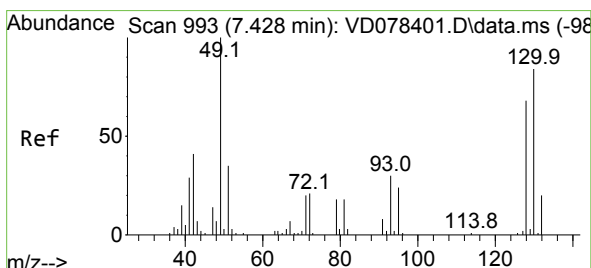
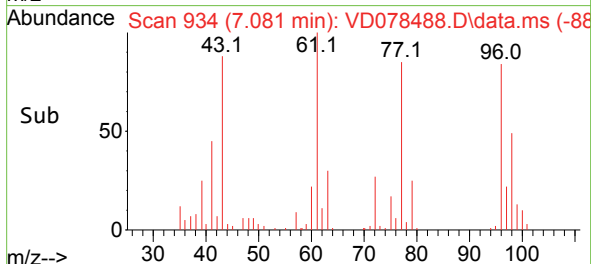
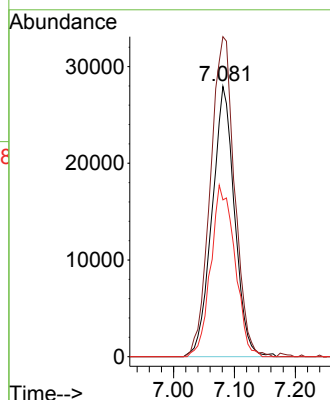
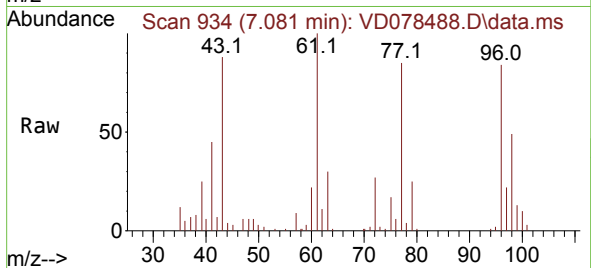




#27
 cis-1,2-Dichloroethene
 Concen: 54.123 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

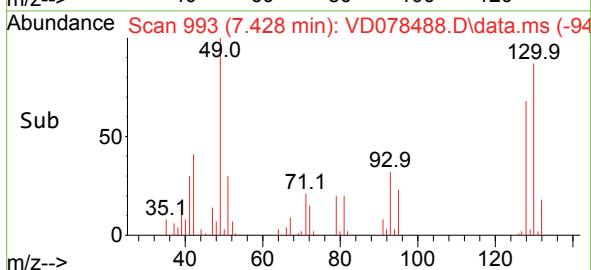
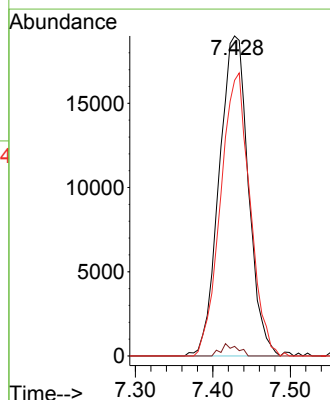
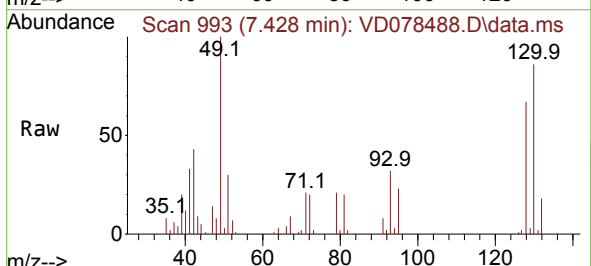
Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-

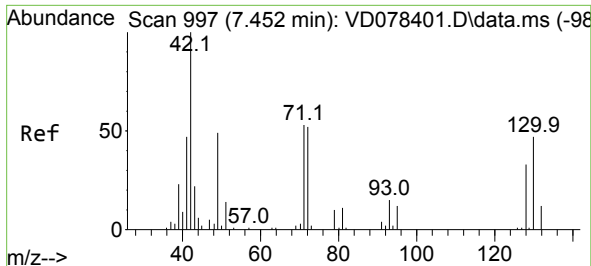
Tgt Ion: 96	Resp: 71865		
Ion Ratio	Lower	Upper	
96	100		
61	127.5	0.0	239.2
98	67.7	0.0	128.6



#28
 Bromochloromethane
 Concen: 63.369 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

Tgt Ion: 49	Resp: 49805		
Ion Ratio	Lower	Upper	
49 100			
129 2.1	0.0	6.0	
130 89.0	83.2	124.8	





#29

Tetrahydrofuran

Concen: 316.378 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078488.D

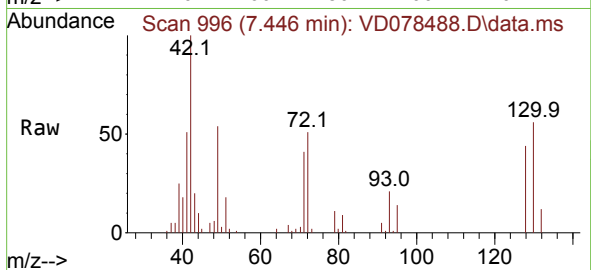
Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

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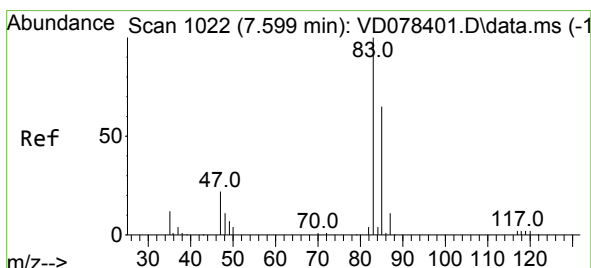
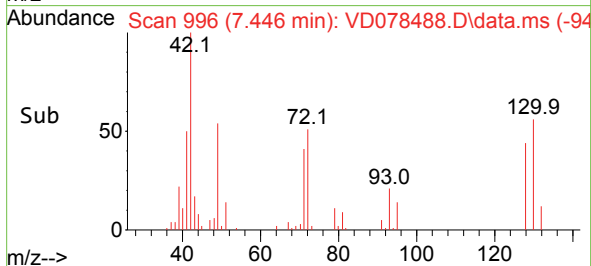
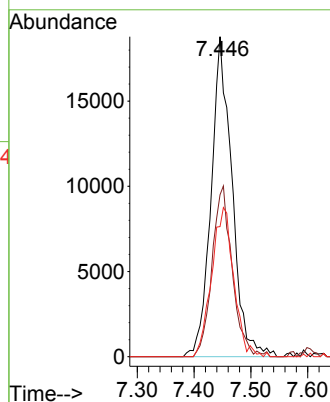
Tgt Ion: 42 Resp: 48009

Ion Ratio Lower Upper

42 100

72 51.4 46.5 69.7

71 49.2 44.5 66.7



#30

Chloroform

Concen: 56.403 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078488.D

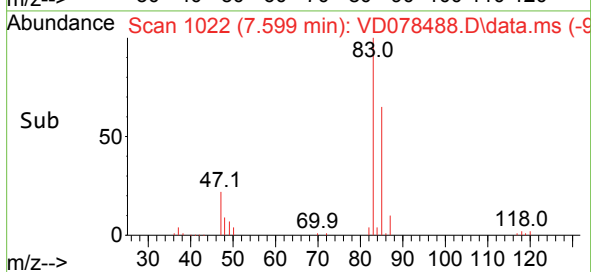
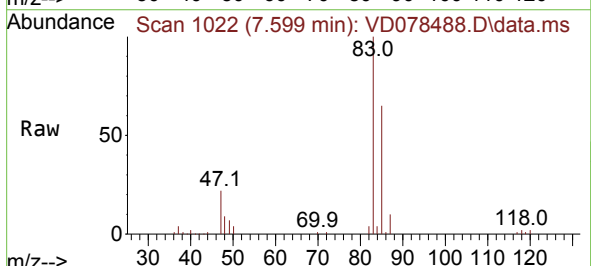
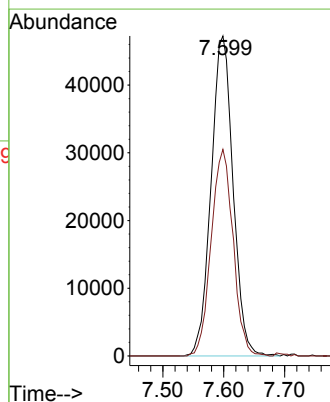
Acq: 20 Feb 2024 17:26

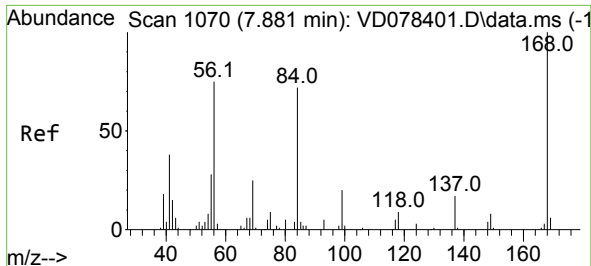
Tgt Ion: 83 Resp: 118418

Ion Ratio Lower Upper

83 100

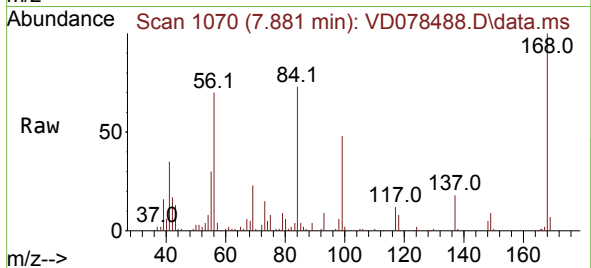
85 64.6 53.4 80.2



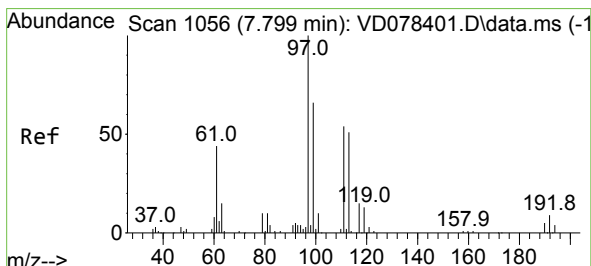
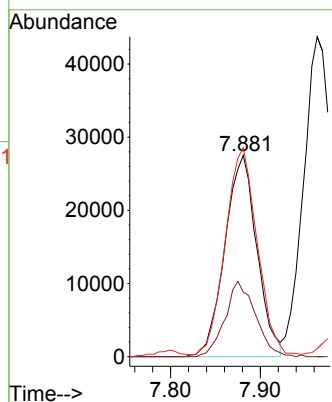
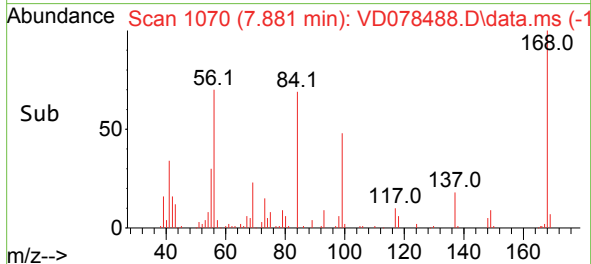


#31
Cyclohexane
Concen: 39.489 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

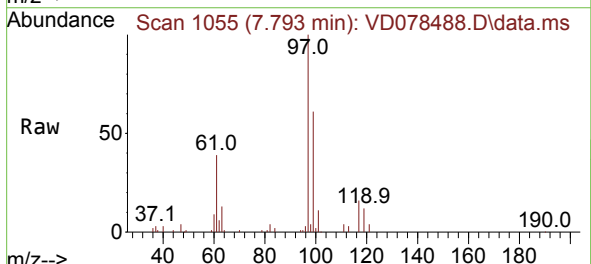
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-



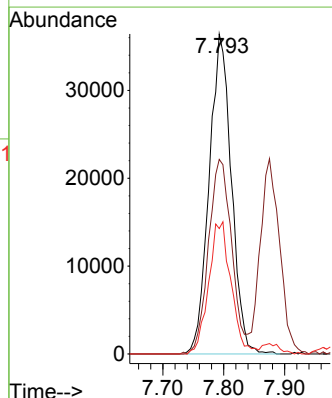
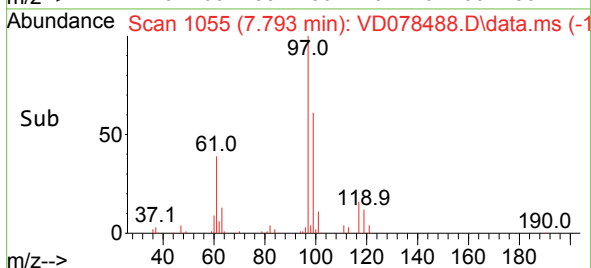
Tgt Ion: 56 Resp: 68161
Ion Ratio Lower Upper
56 100
69 32.2 28.6 43.0
84 102.2 84.8 127.2

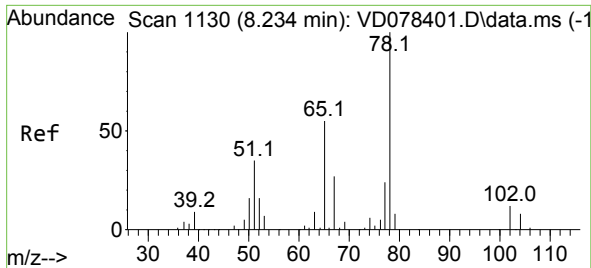


#32
1,1,1-Trichloroethane
Concen: 51.580 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26



Tgt Ion: 97 Resp: 92330
Ion Ratio Lower Upper
97 100
99 62.6 52.0 78.0
61 41.6 33.8 50.8

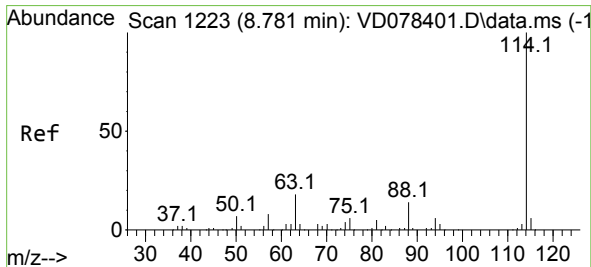
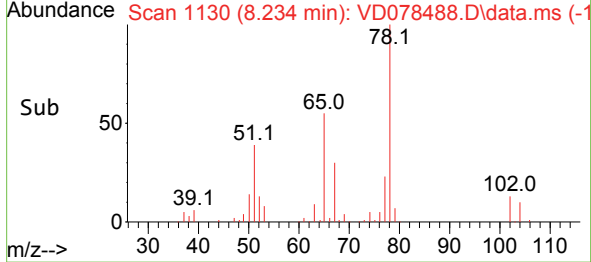
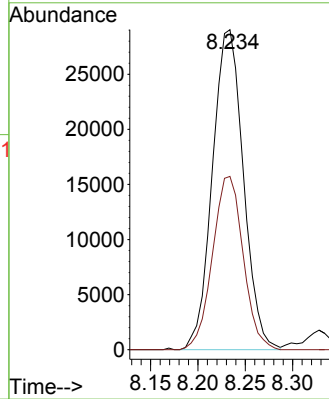
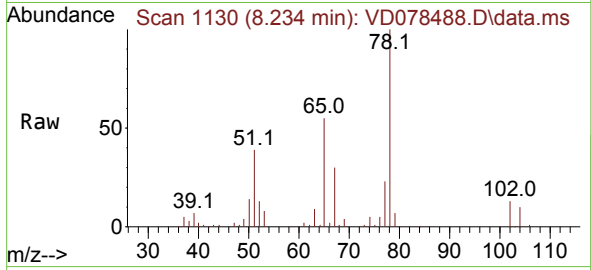




#33
1,2-Dichloroethane-d4
Concen: 64.848 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

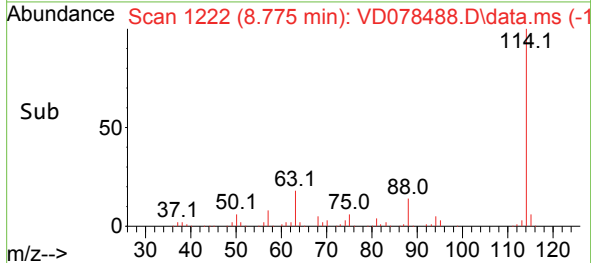
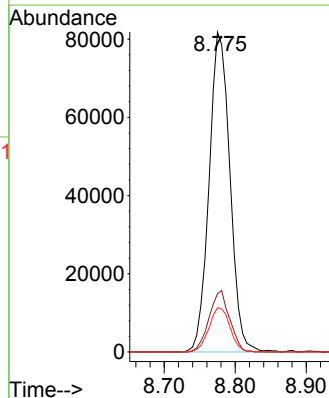
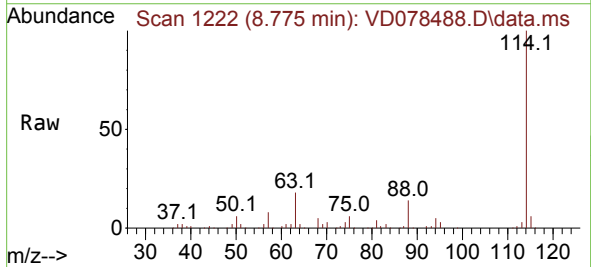
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

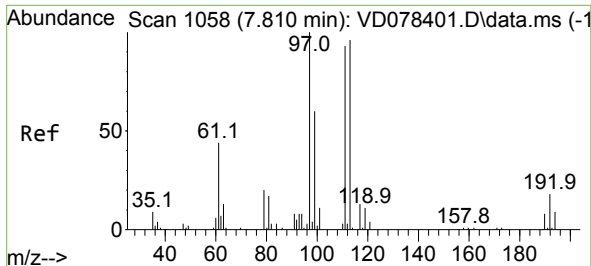
Tgt Ion: 65 Resp: 66169
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:114 Resp: 166750
Ion Ratio Lower Upper
114 100
63 18.2 0.0 33.4
88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 3.486 ug/l

RT: 7.804 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VD078488.D

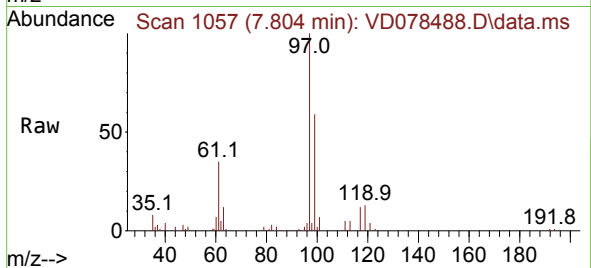
Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

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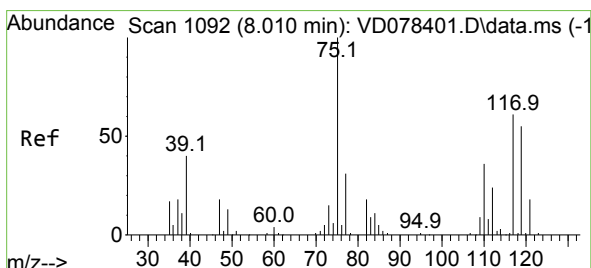
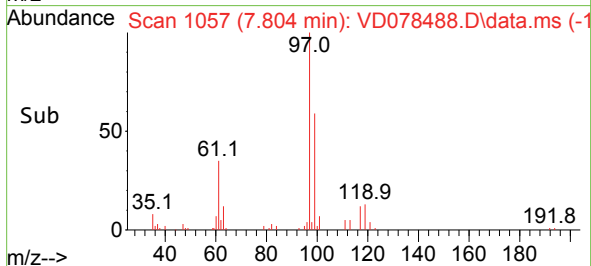
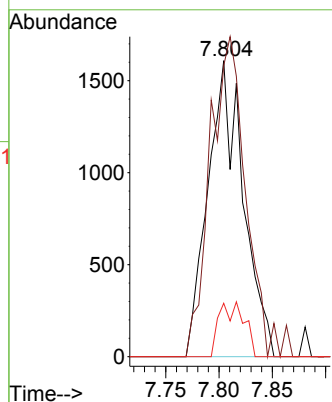
Tgt Ion:113 Resp: 3692

Ion Ratio Lower Upper

113 100

111 110.5 84.7 127.1

192 13.1 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 47.511 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

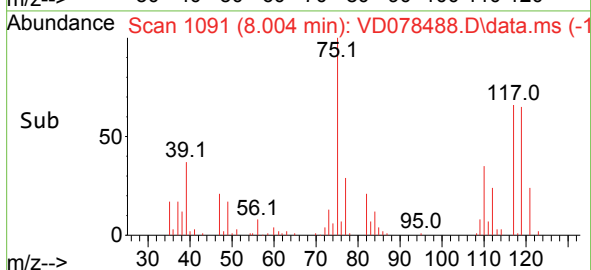
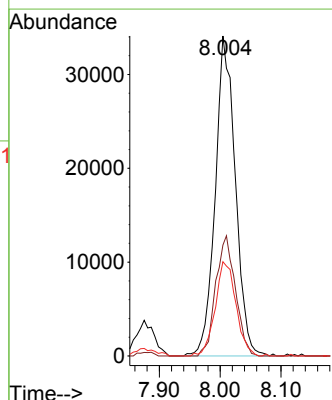
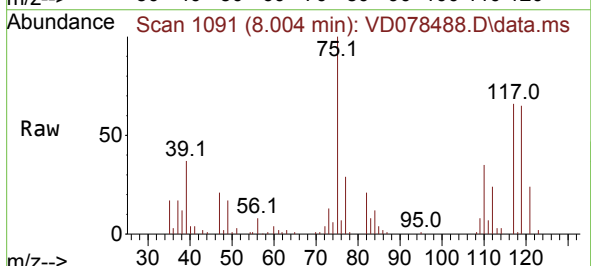
Tgt Ion: 75 Resp: 78179

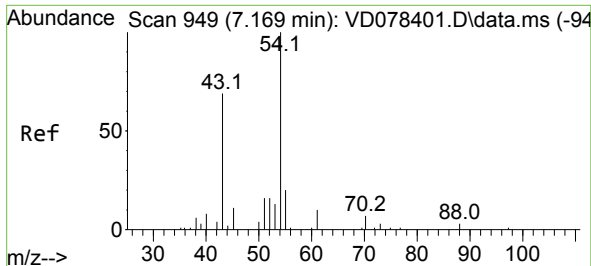
Ion Ratio Lower Upper

75 100

110 36.9 19.9 59.6

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 146.639 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

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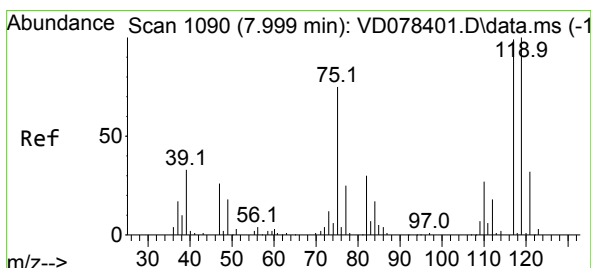
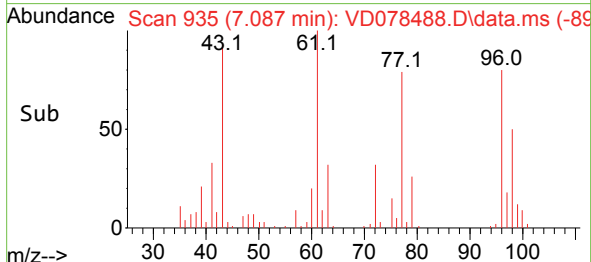
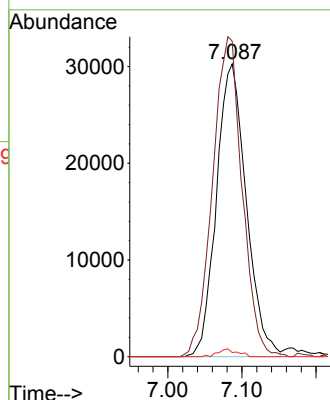
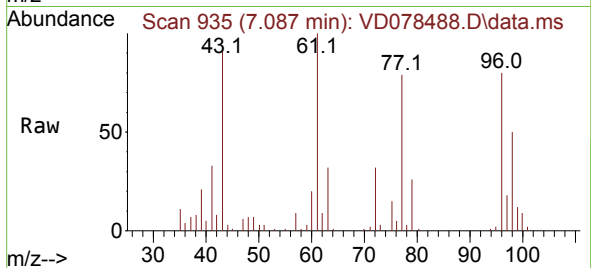
Tgt Ion: 43 Resp: 84584

Ion Ratio Lower Upper

43 100

61 108.3 14.9 22.3#

70 1.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 46.223 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

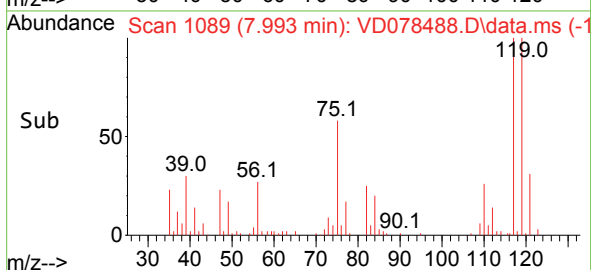
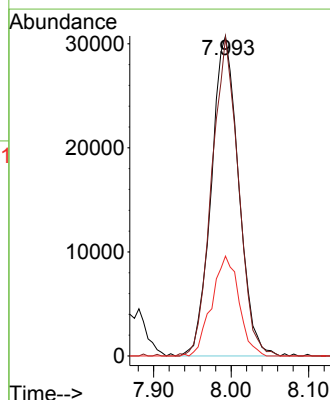
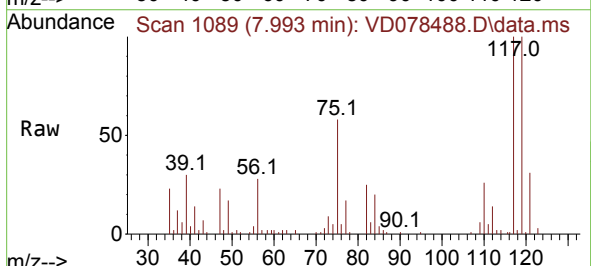
Tgt Ion: 117 Resp: 75324

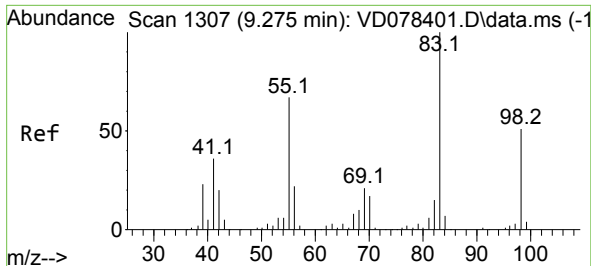
Ion Ratio Lower Upper

117 100

119 99.6 78.0 117.0

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 37.934 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078488.D

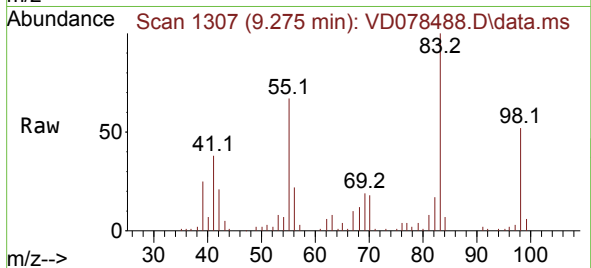
Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

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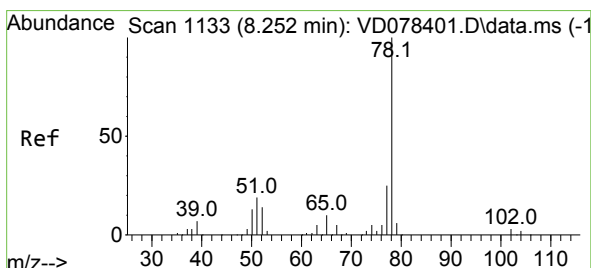
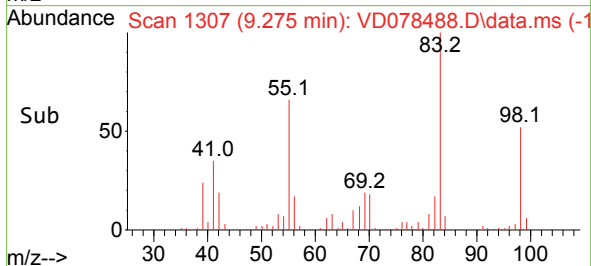
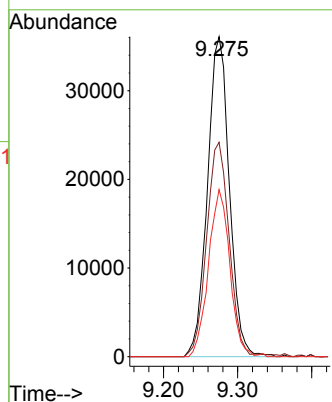
Tgt Ion: 83 Resp: 74102

Ion Ratio Lower Upper

83 100

55 67.0 49.4 74.0

98 52.2 38.4 57.6



#40

Benzene

Concen: 53.587 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078488.D

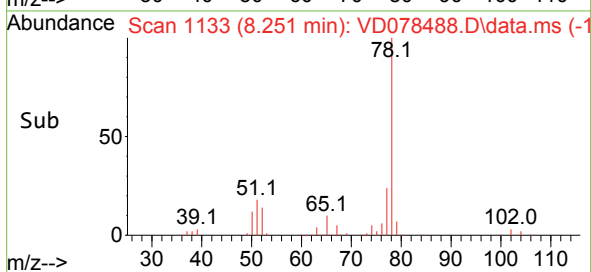
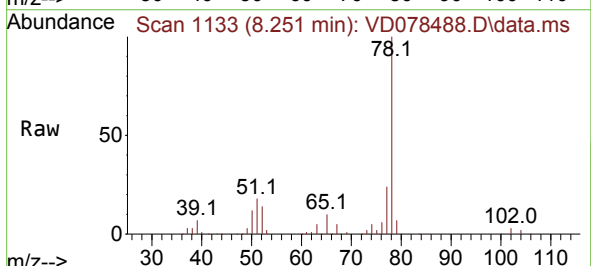
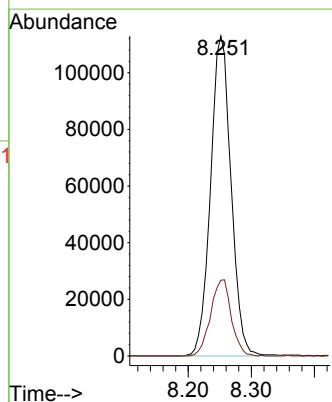
Acq: 20 Feb 2024 17:26

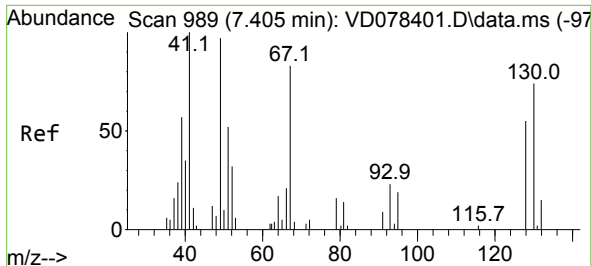
Tgt Ion: 78 Resp: 254872

Ion Ratio Lower Upper

78 100

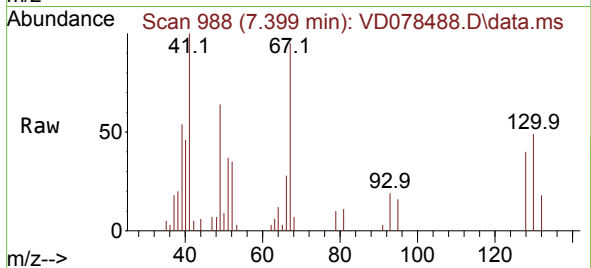
77 23.6 19.4 29.0



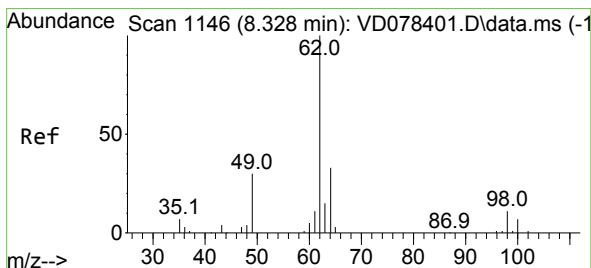
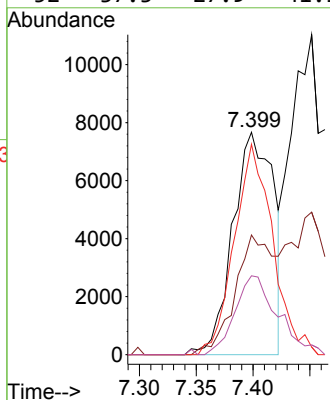
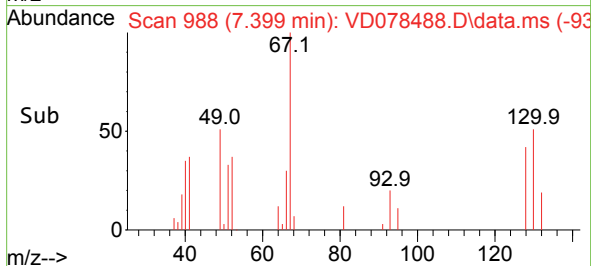


#41
Methacrylonitrile
Concen: 63.265 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

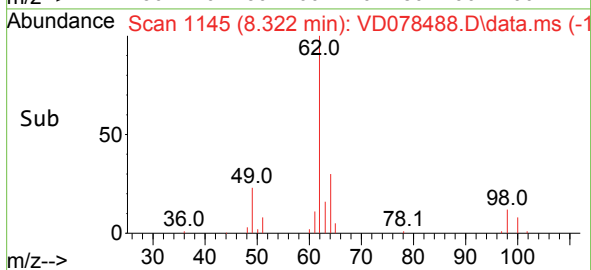
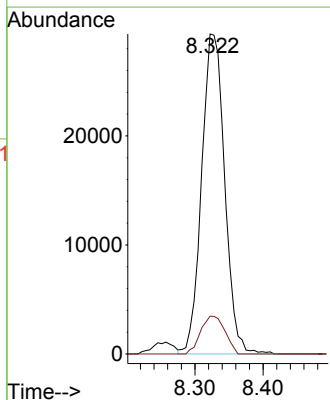
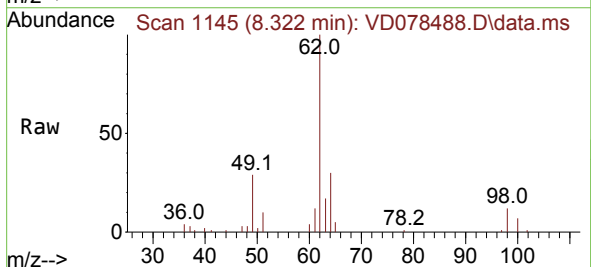


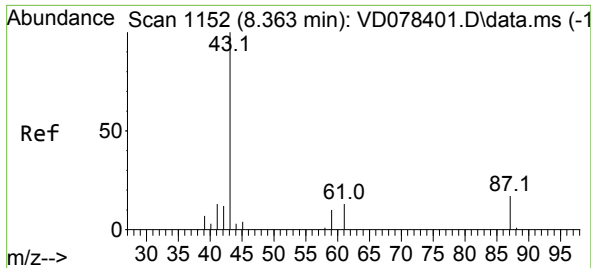
Tgt Ion:	41	Resp:	18992
Ion	Ratio	Lower	Upper
41	100		
39	53.1	34.0	51.0#
67	89.8	77.0	115.4
52	37.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 56.134 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:	62	Resp:	69082
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	25.4

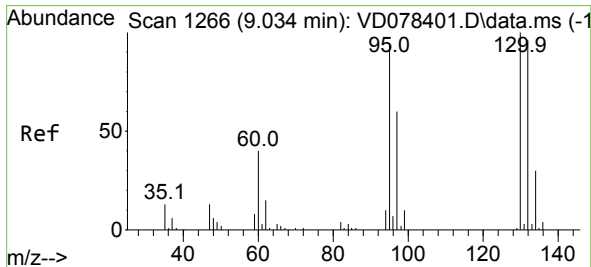
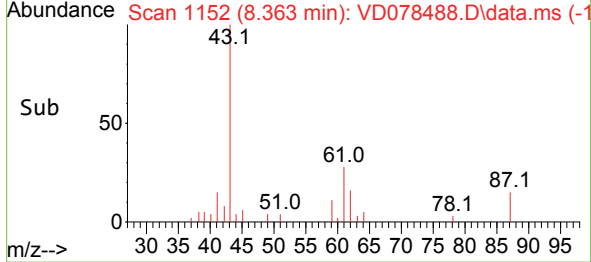
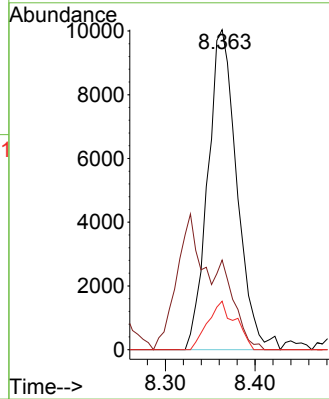
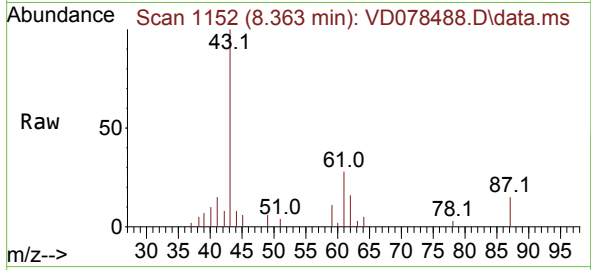




#43
Isopropyl Acetate
Concen: 21.131 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

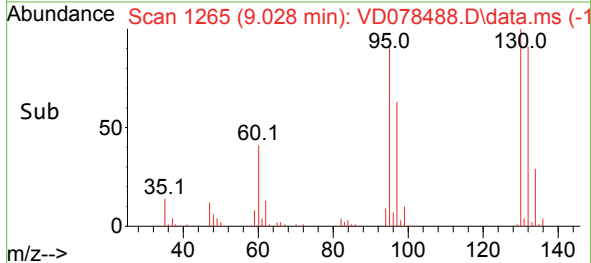
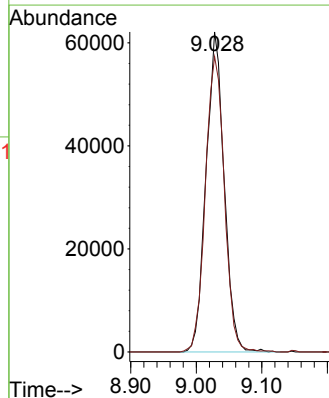
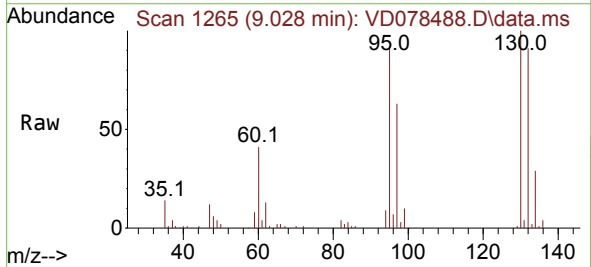
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

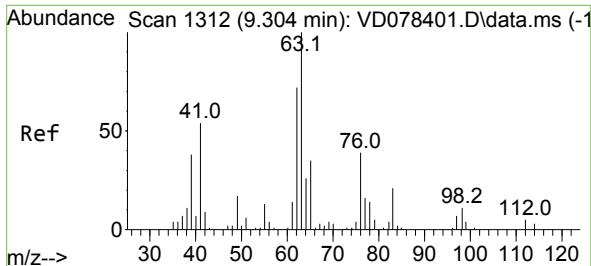
Tgt Ion: 43 Resp: 22570
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0#
87 14.4 14.9 22.3#



#44
Trichloroethene
Concen: 98.392 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:130 Resp: 119387
Ion Ratio Lower Upper
130 100
95 92.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.744 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

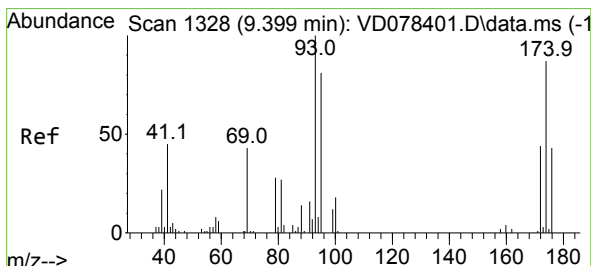
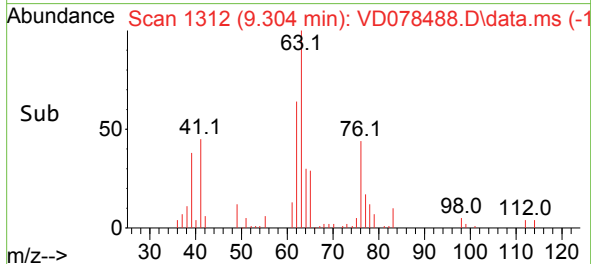
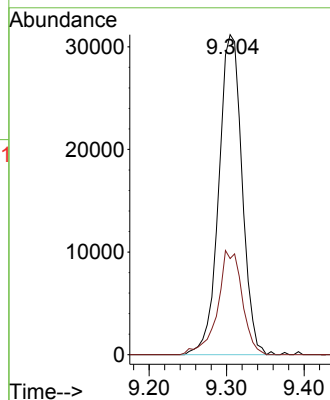
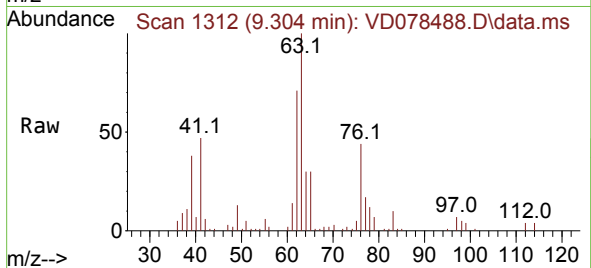
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion: 63 Resp: 65051

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 55.698 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

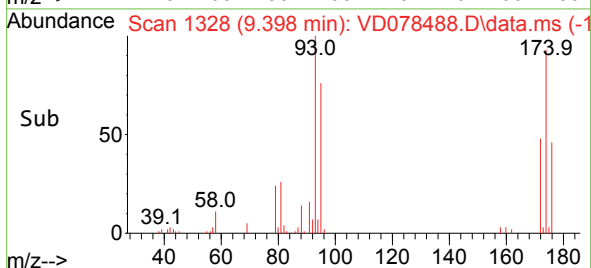
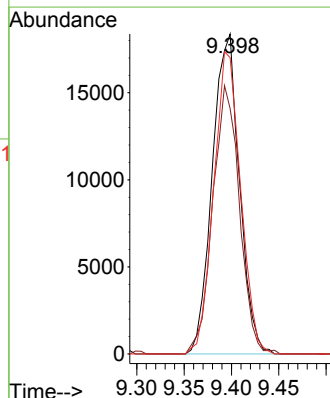
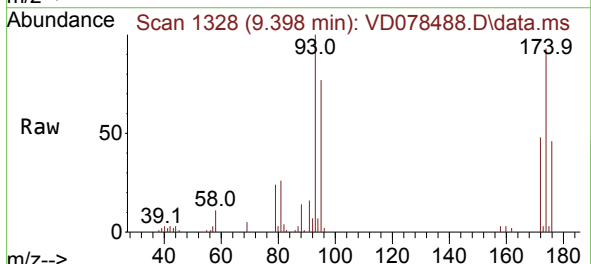
Tgt Ion: 93 Resp: 36559

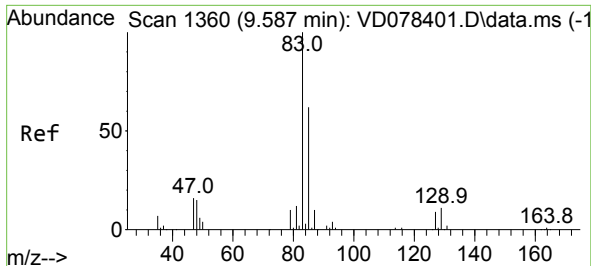
Ion Ratio Lower Upper

93 100

95 82.5 67.7 101.5

174 93.6 85.4 128.2

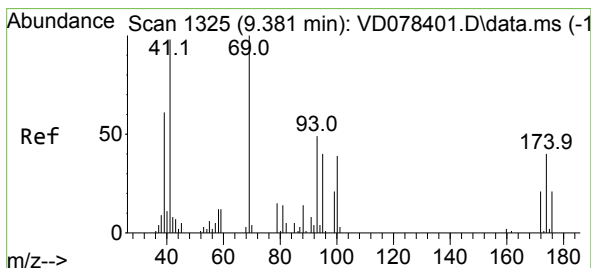
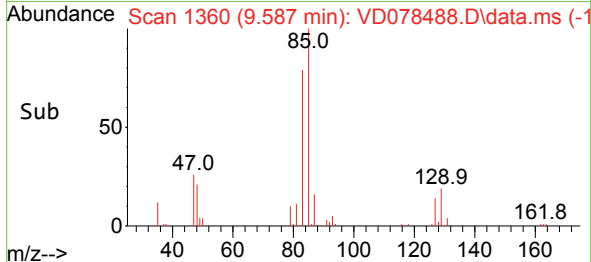
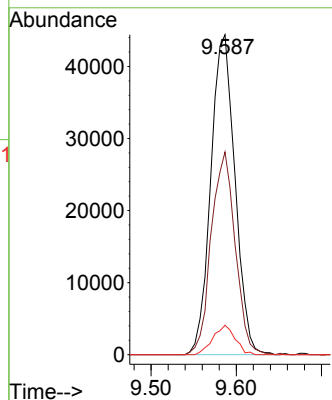
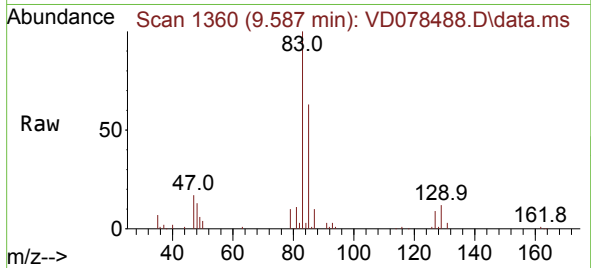




#47
Bromodichloromethane
Concen: 53.916 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

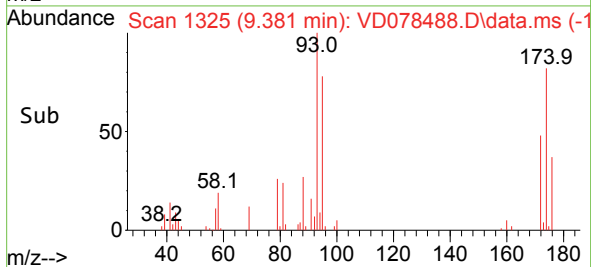
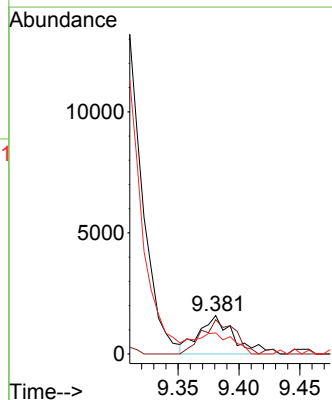
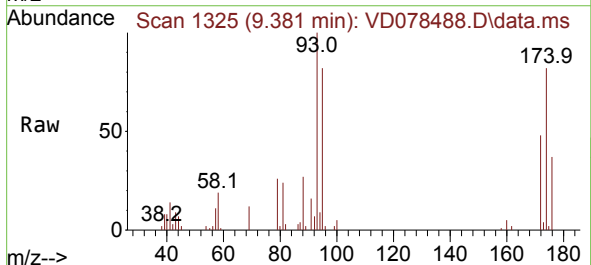
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

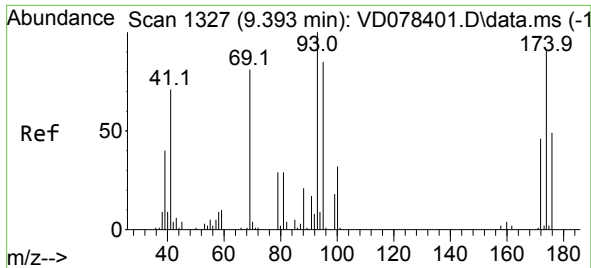
Tgt Ion: 83 Resp: 87654
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 5.560 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 41 Resp: 3151
Ion Ratio Lower Upper
41 100
69 84.8 102.2 153.2#
39 49.6 41.4 62.2





#49

1,4-Dioxane

Concen: 1186.927 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078488.D

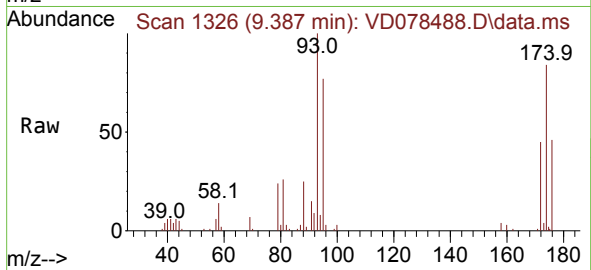
Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-



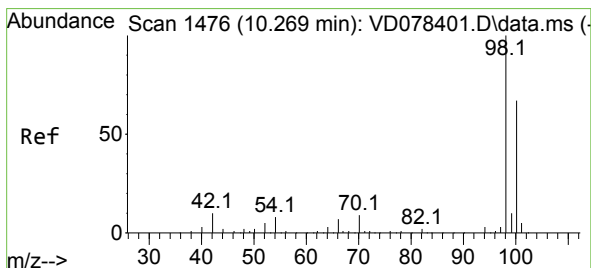
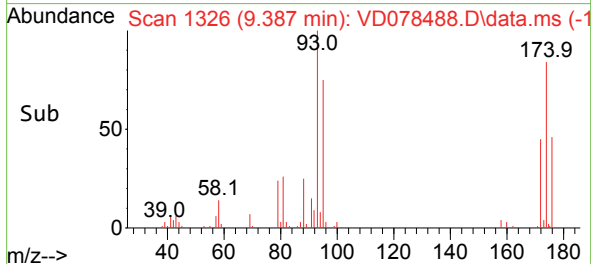
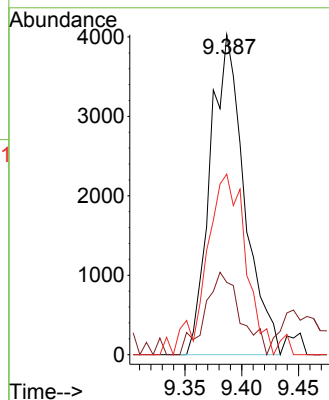
Tgt Ion: 88 Resp: 8437

Ion Ratio Lower Upper

88 100

43 26.5 19.0 28.6

58 65.1 43.5 65.3



#50

Toluene-d8

Concen: 60.001 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078488.D

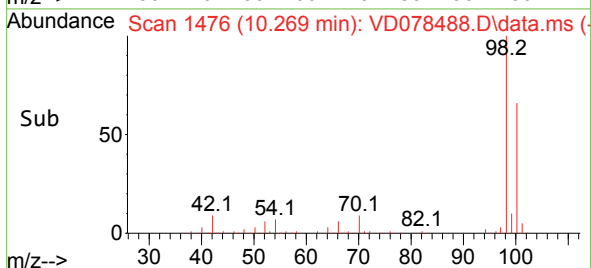
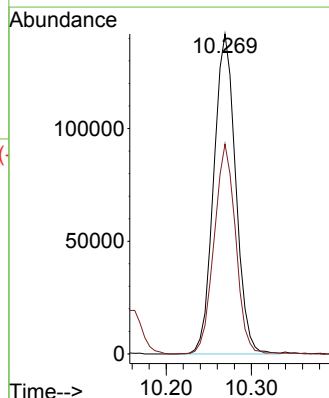
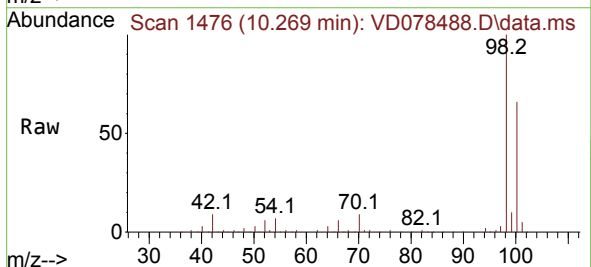
Acq: 20 Feb 2024 17:26

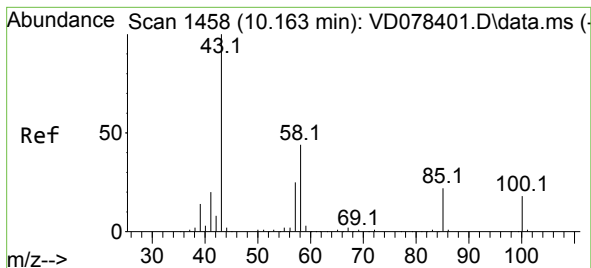
Tgt Ion: 98 Resp: 254234

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

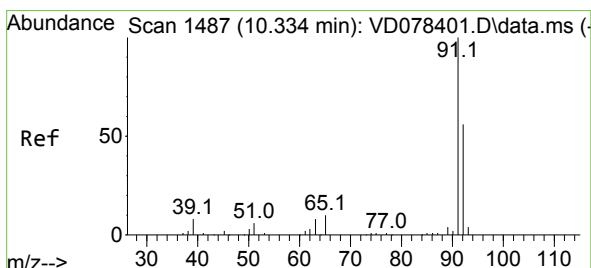
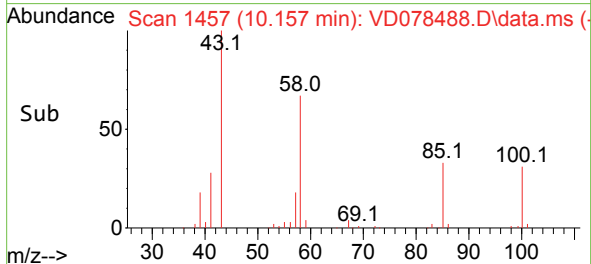
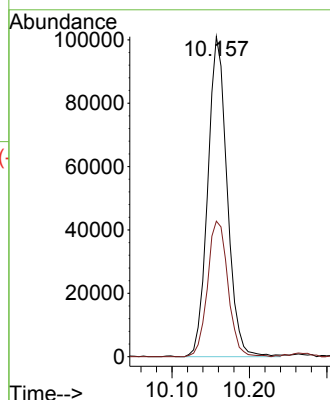
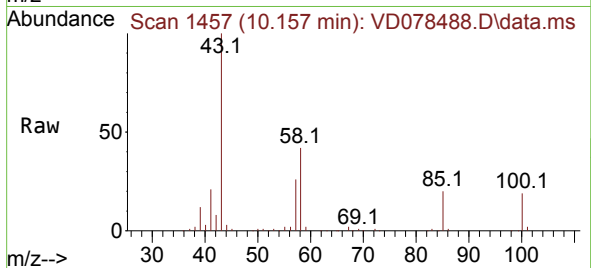




#51
4-Methyl-2-Pentanone
Concen: 309.211 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

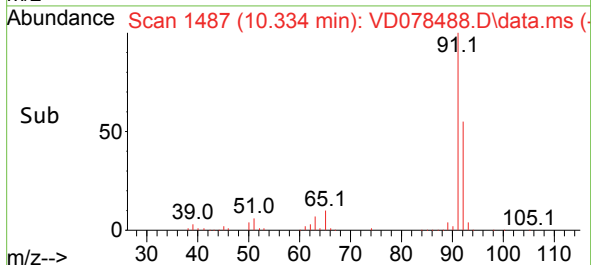
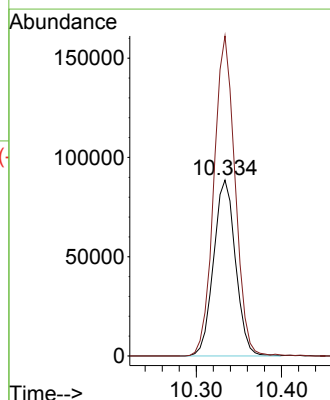
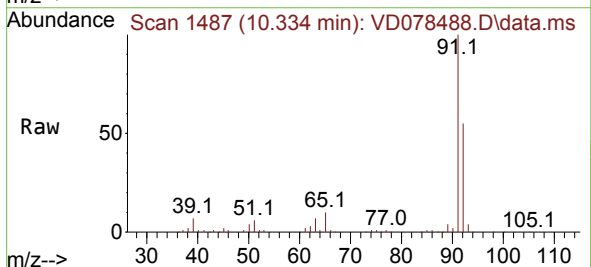
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

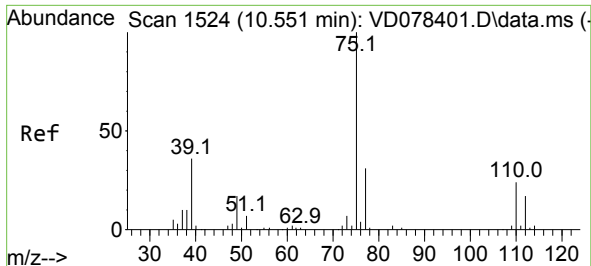
Tgt Ion: 43 Resp: 175293
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3



#52
Toluene
Concen: 52.731 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 92 Resp: 158600
Ion Ratio Lower Upper
92 100
91 176.2 143.0 214.4

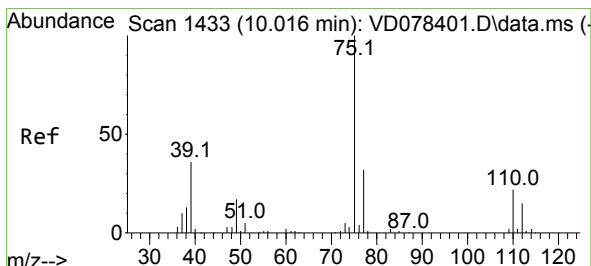
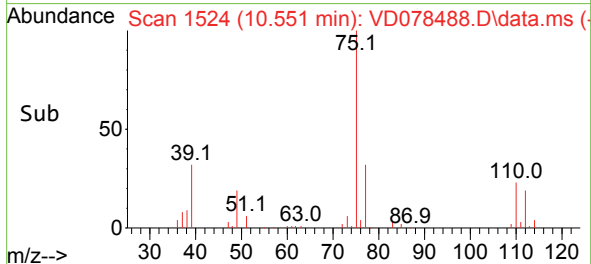
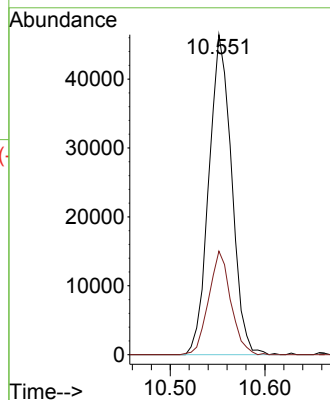
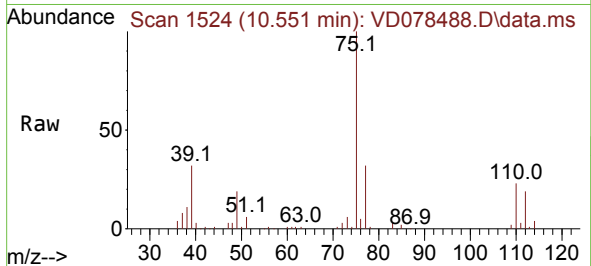




#53
 t-1,3-Dichloropropene
 Concen: 52.141 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

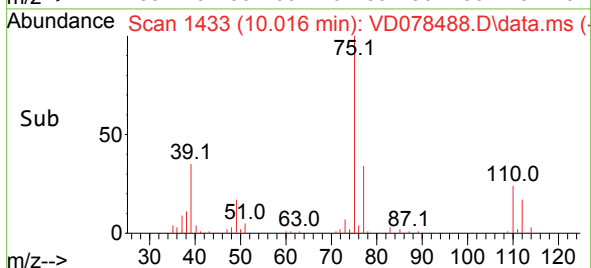
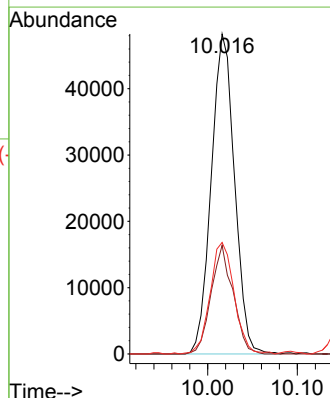
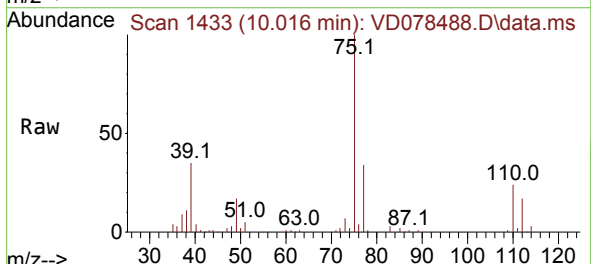
Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-

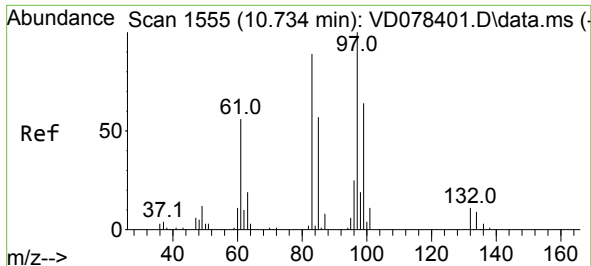
Tgt Ion: 75 Resp: 77348
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.317 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

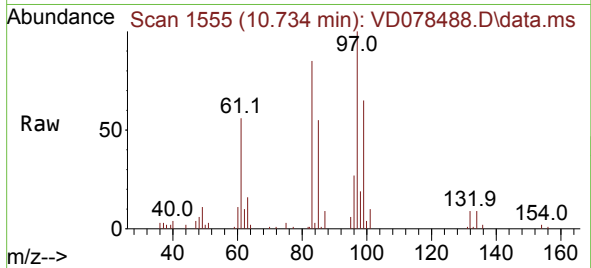
Tgt Ion: 75 Resp: 86912
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3
 39 34.8 22.1 33.1#



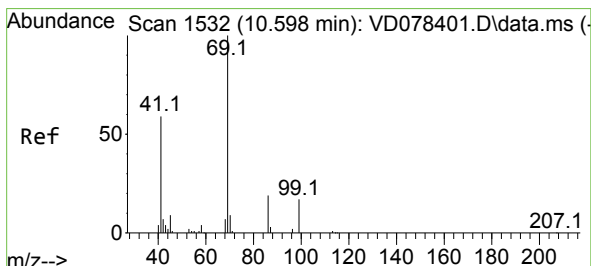
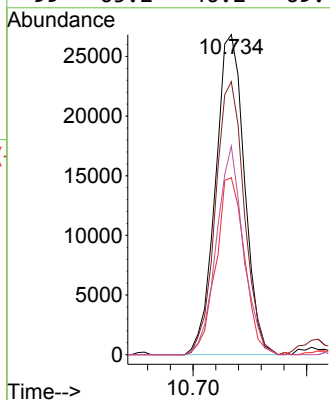
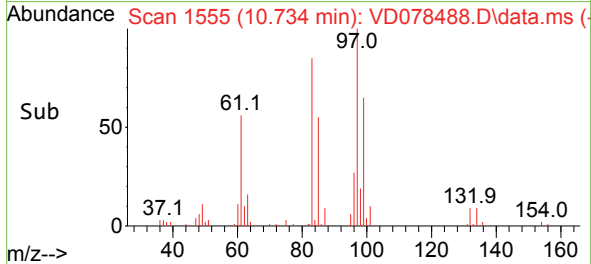


#55
 1,1,2-Trichloroethane
 Concen: 53.684 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

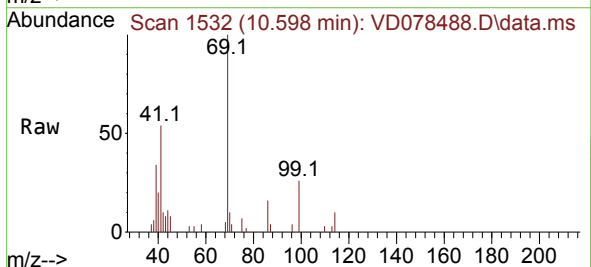
Instrument : MSVOA_D
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-



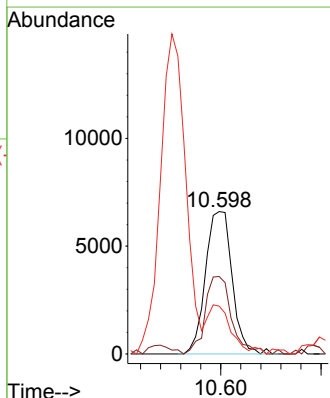
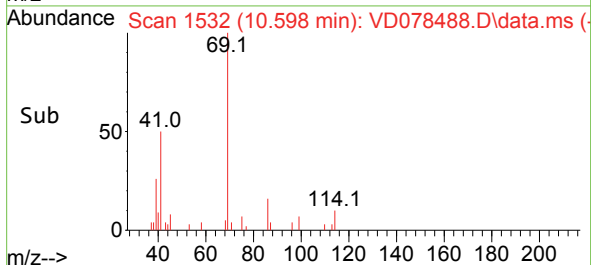
Tgt Ion:	97	Resp:	47453
Ion	Ratio	Lower	Upper
97	100		
83	85.3	65.8	98.6
85	55.3	45.7	68.5
99	65.2	46.2	69.4

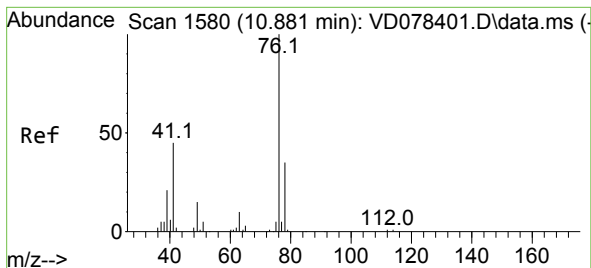


#56
 Ethyl methacrylate
 Concen: 14.955 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26



Tgt Ion:	69	Resp:	12226
Ion	Ratio	Lower	Upper
69	100		
41	53.6	39.1	58.7
39	31.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 57.781 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078488.D

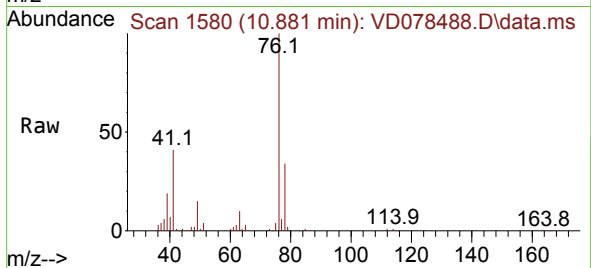
Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

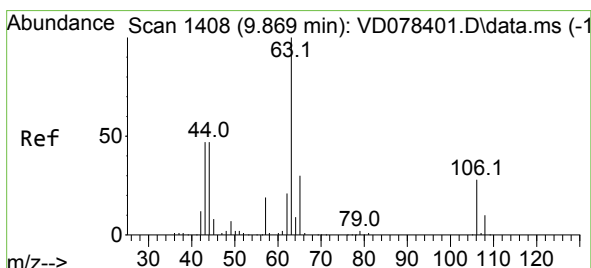
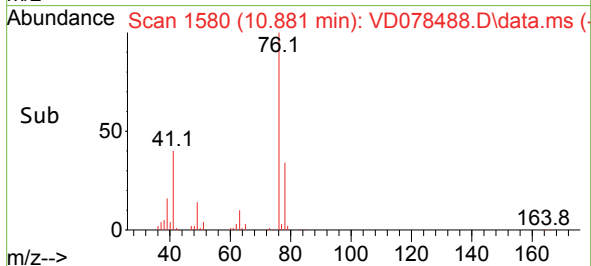
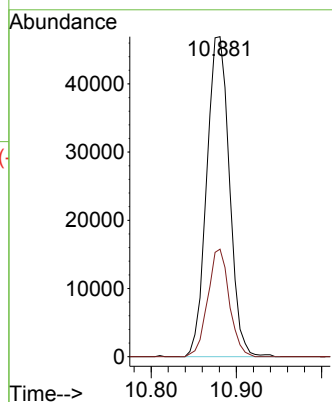


Tgt Ion: 76 Resp: 86881

Ion Ratio Lower Upper

76 100

78 31.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 308.401 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078488.D

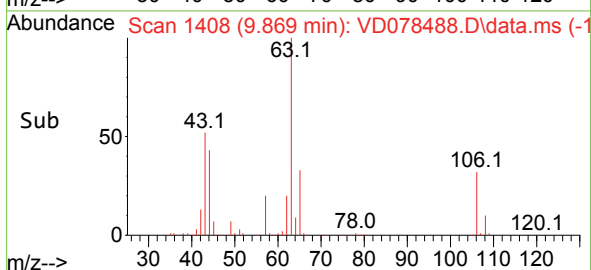
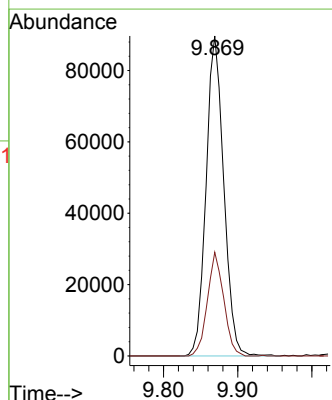
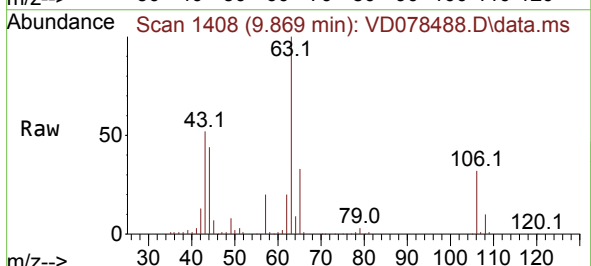
Acq: 20 Feb 2024 17:26

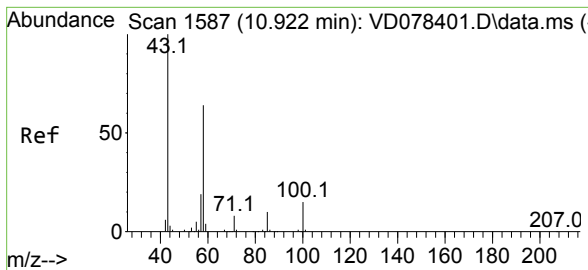
Tgt Ion: 63 Resp: 148510

Ion Ratio Lower Upper

63 100

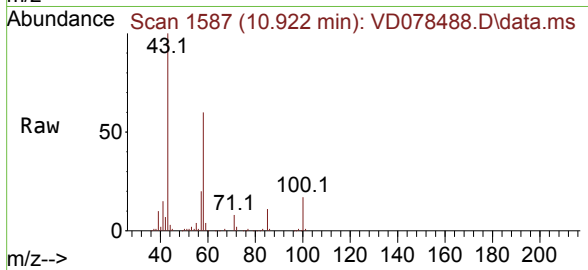
106 29.9 25.3 37.9



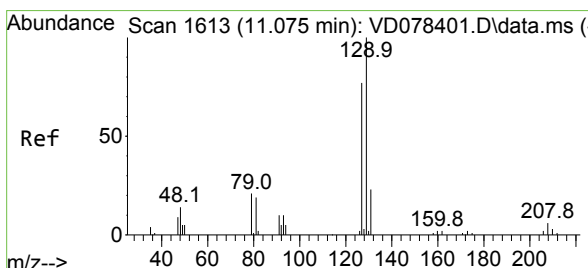
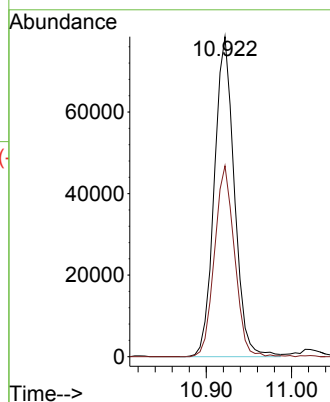
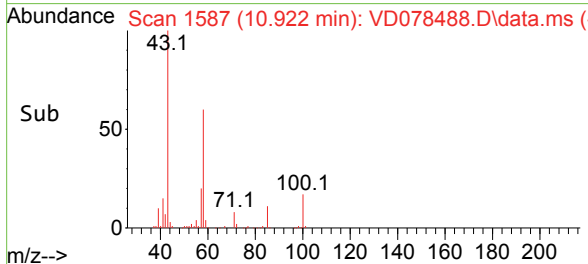


#59
2-Hexanone
Concen: 300.935 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

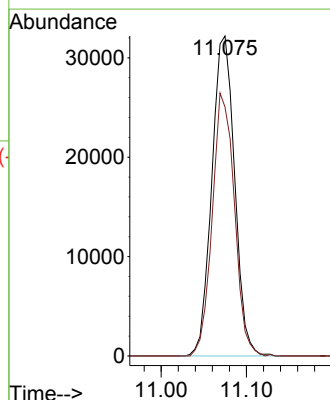
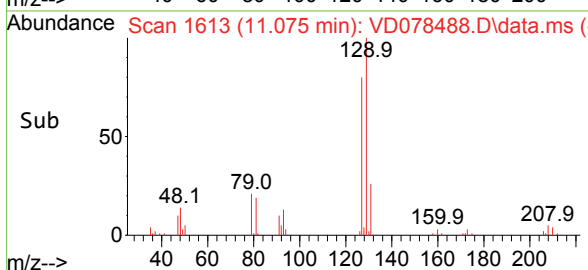
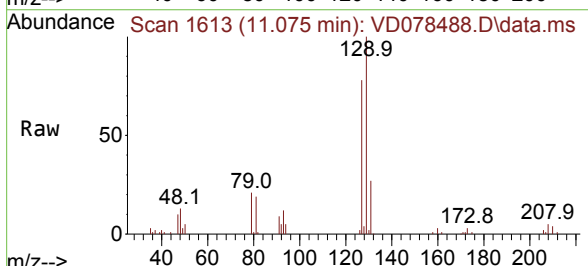


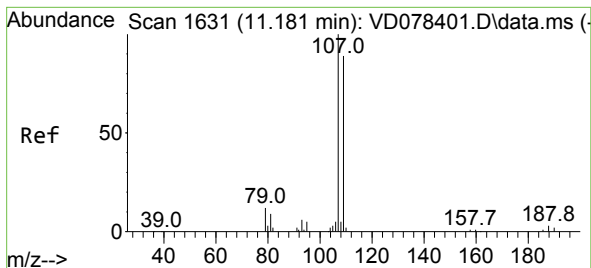
Tgt Ion: 43 Resp: 128209
Ion Ratio Lower Upper
43 100
58 59.5 34.1 102.2



#60
Dibromochloromethane
Concen: 56.268 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 129 Resp: 59842
Ion Ratio Lower Upper
129 100
127 79.9 37.1 111.5





#61

1,2-Dibromoethane

Concen: 58.680 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

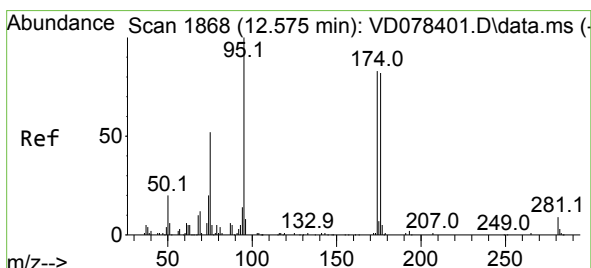
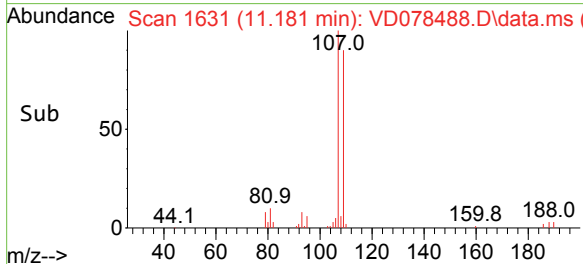
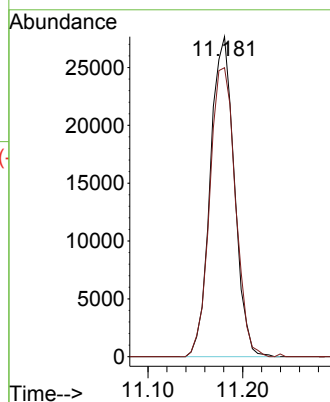
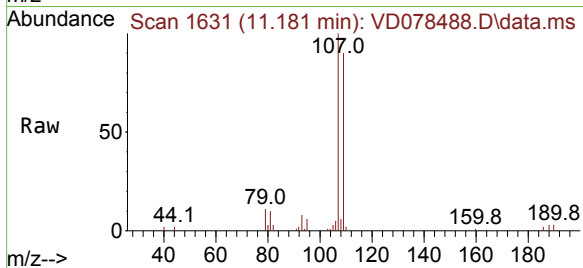
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Tgt Ion:107 Resp: 48695

Ion Ratio Lower Upper

107 100

109 96.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 58.077 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

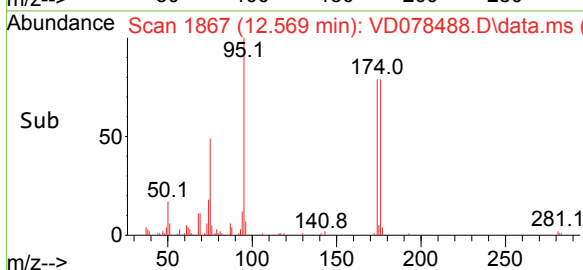
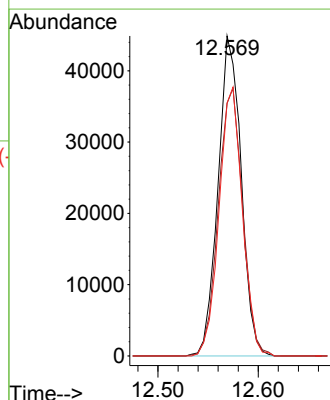
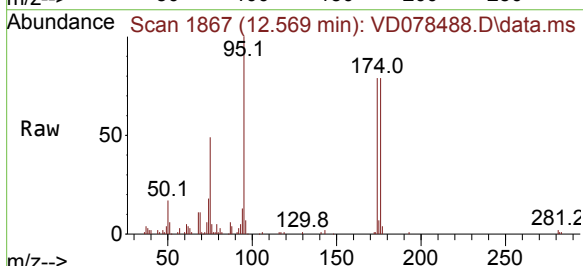
Tgt Ion: 95 Resp: 71611

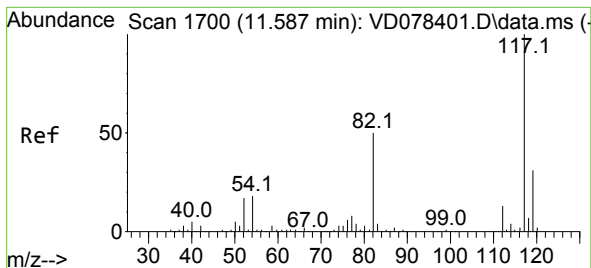
Ion Ratio Lower Upper

95 100

174 88.0 0.0 201.8

176 84.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078488.D

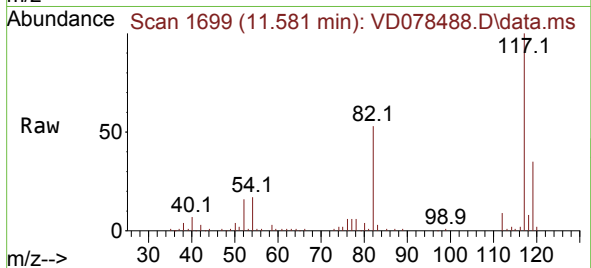
Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-



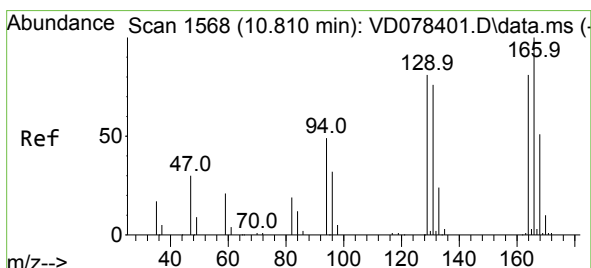
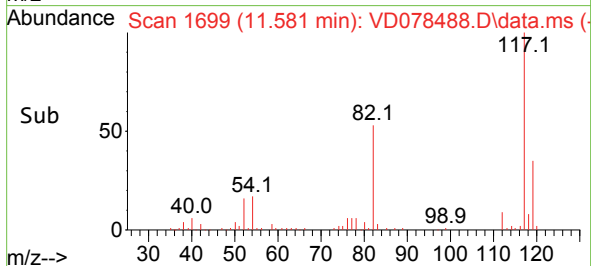
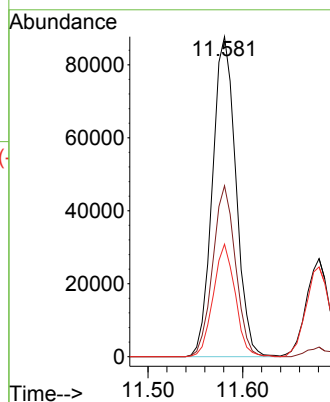
Tgt Ion:117 Resp: 150565

Ion Ratio Lower Upper

117 100

82 53.4 38.3 57.5

119 35.1 25.0 37.4



#64

Tetrachloroethene

Concen: 89.286 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Tgt Ion:164 Resp: 84912

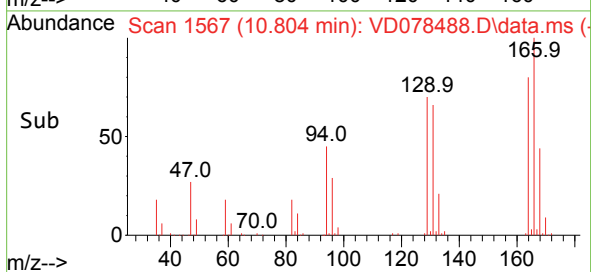
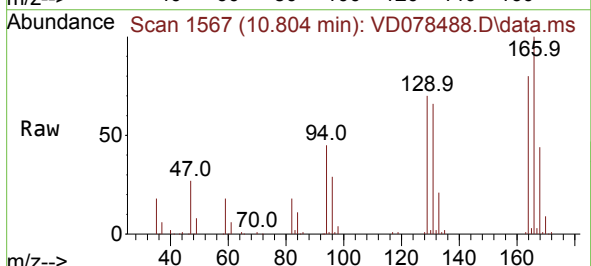
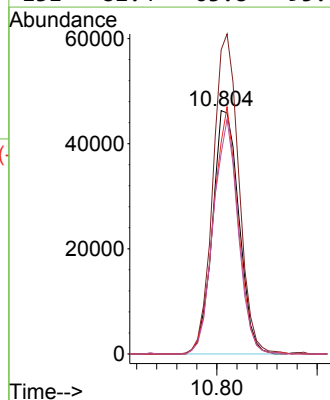
Ion Ratio Lower Upper

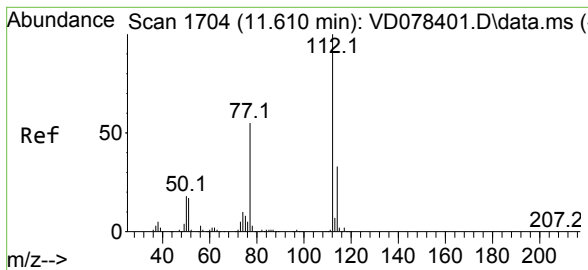
164 100

166 125.0 99.2 148.8

129 87.0 68.4 102.6

131 82.4 63.8 95.8

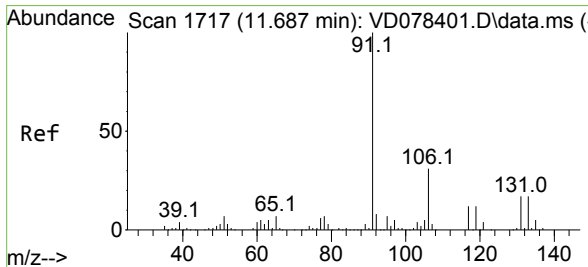
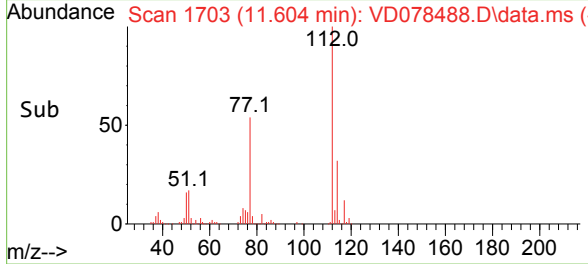
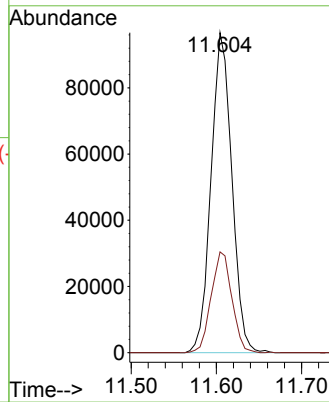
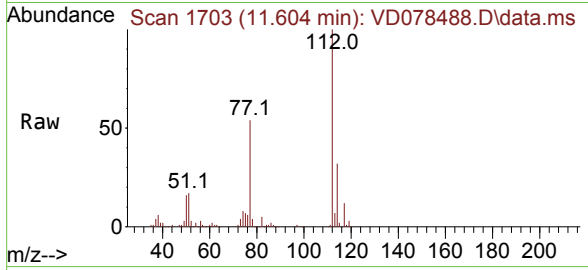




#65
Chlorobenzene
Concen: 54.191 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

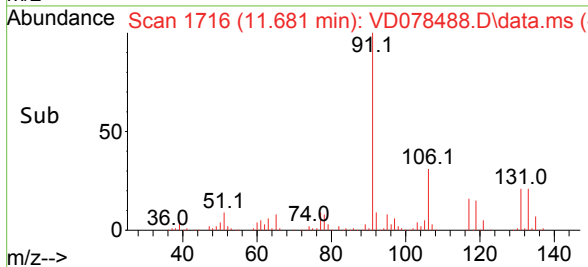
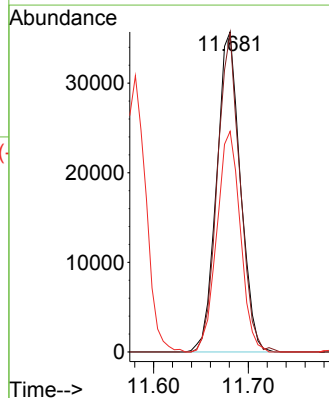
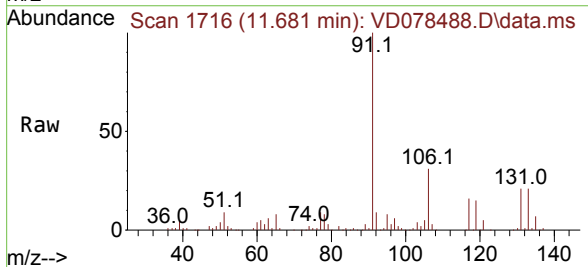
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

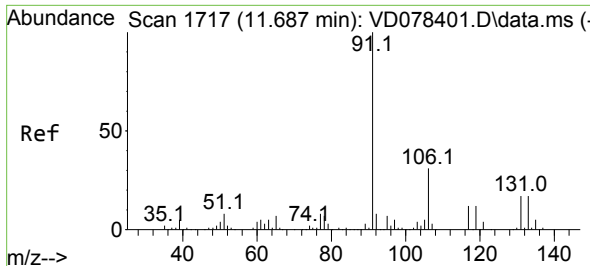
Tgt Ion:112 Resp: 164033
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.914 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

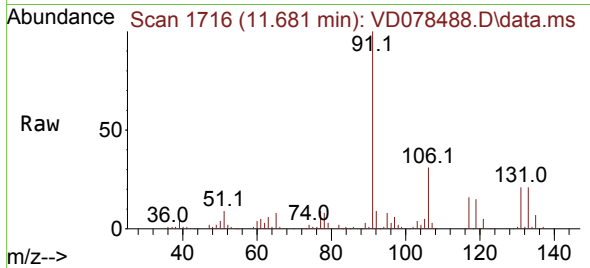
Tgt Ion:131 Resp: 62198
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 68.3 35.6 106.9



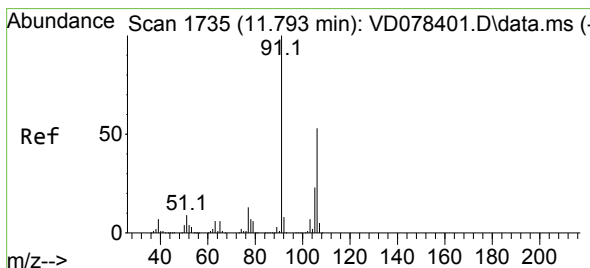
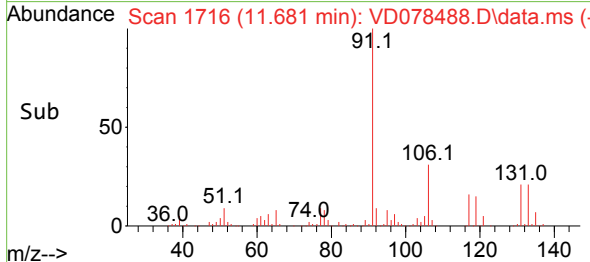
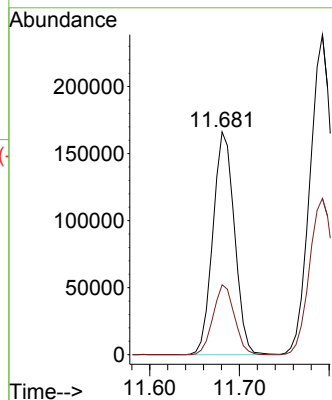


#67
Ethyl Benzene
Concen: 51.116 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

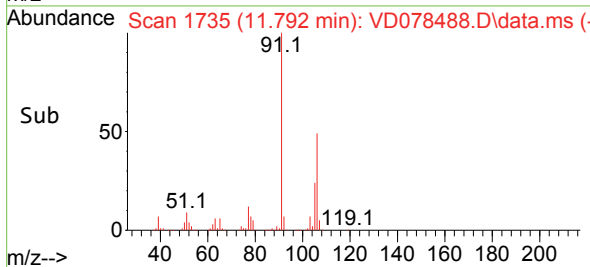
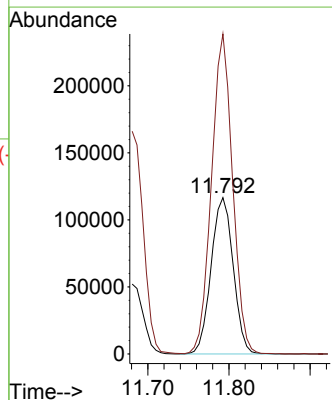
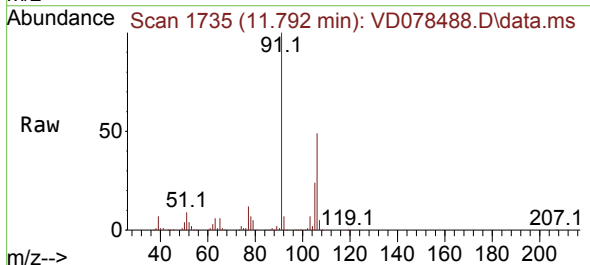


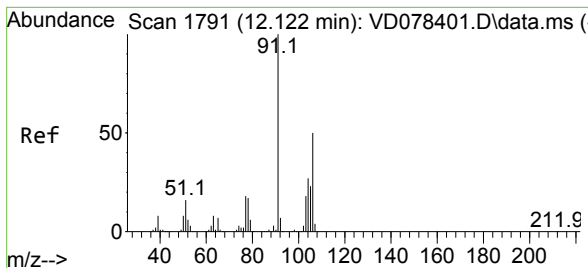
Tgt Ion: 91 Resp: 277232
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7



#68
m/p-Xylenes
Concen: 104.152 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:106 Resp: 220337
Ion Ratio Lower Upper
106 100
91 195.5 147.0 220.6

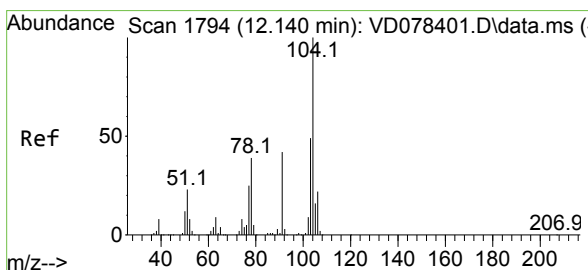
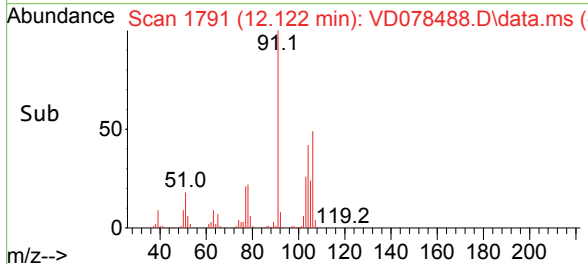
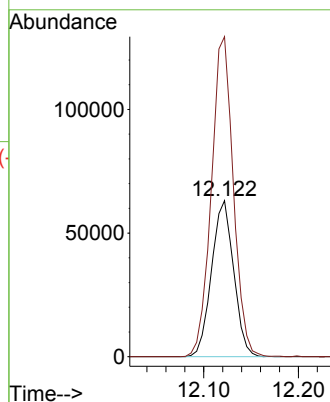
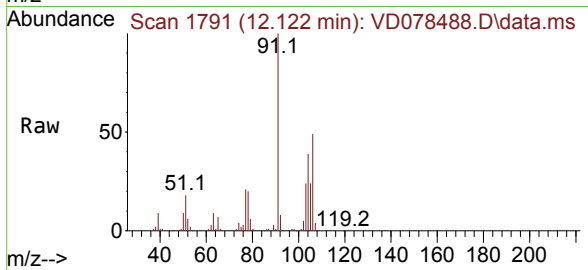




#69
o-Xylene
Concen: 52.918 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

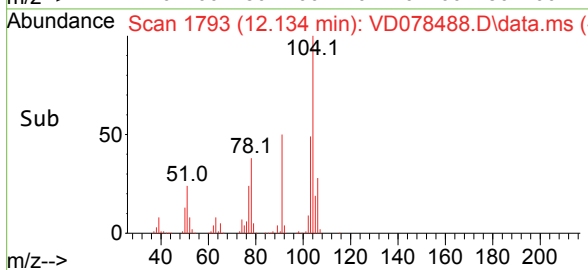
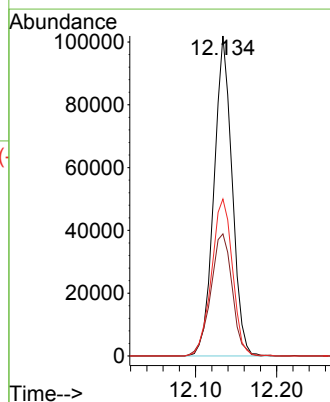
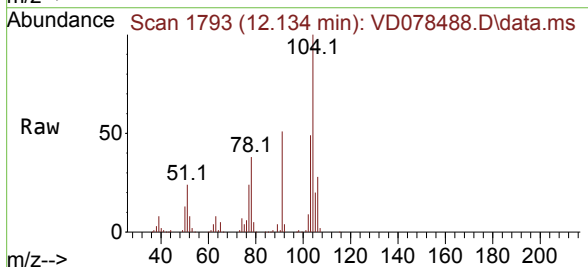
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

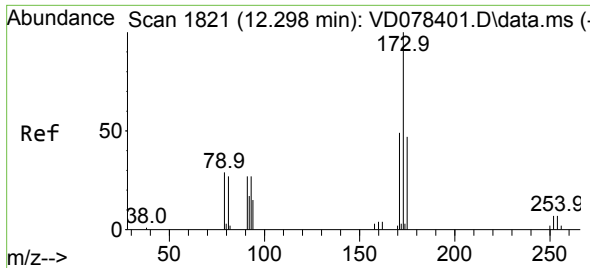
Tgt Ion:106 Resp: 102161
Ion Ratio Lower Upper
106 100
91 204.0 97.9 293.6



#70
Styrene
Concen: 50.229 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:104 Resp: 158260
Ion Ratio Lower Upper
104 100
78 45.3 33.2 49.8
103 56.6 43.6 65.4

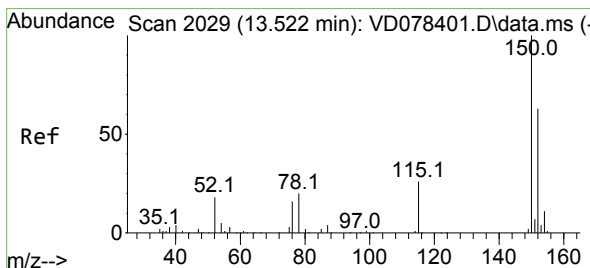
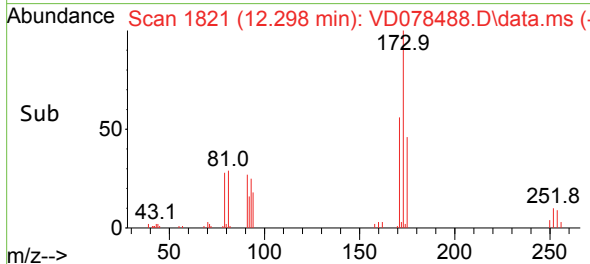
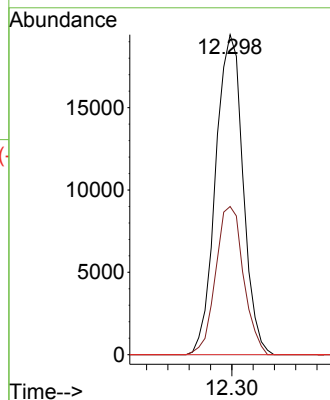
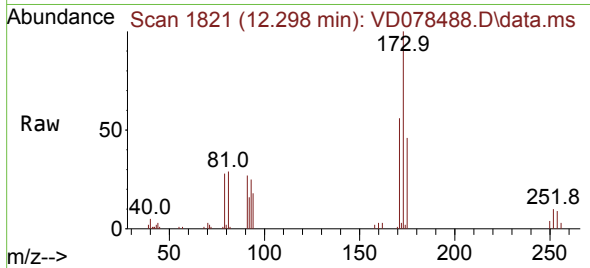




#71
Bromoform
Concen: 59.198 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

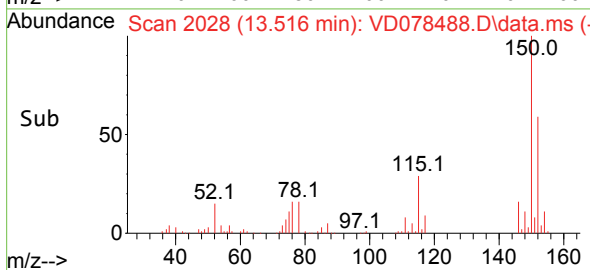
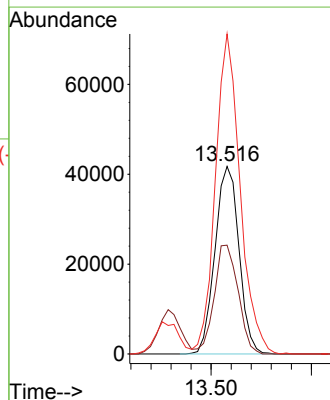
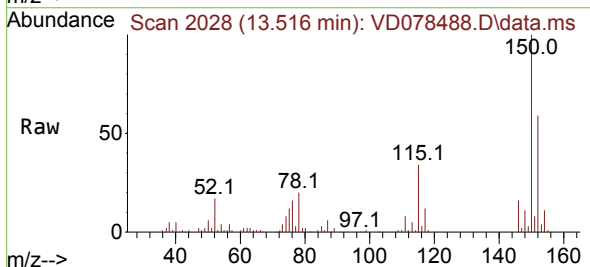
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

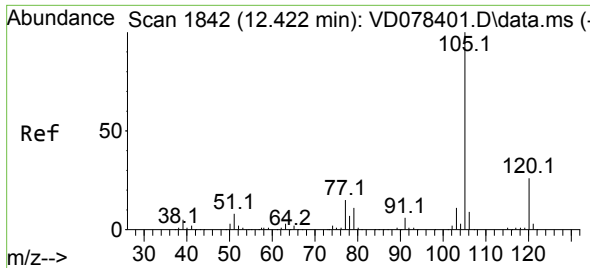
Tgt Ion:	173	Resp:	34660
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:	152	Resp:	69276
Ion Ratio	Lower	Upper	
152	100		
115	58.1	27.1	81.3
150	175.8	0.0	353.6

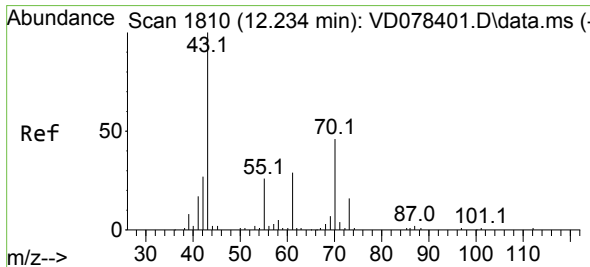
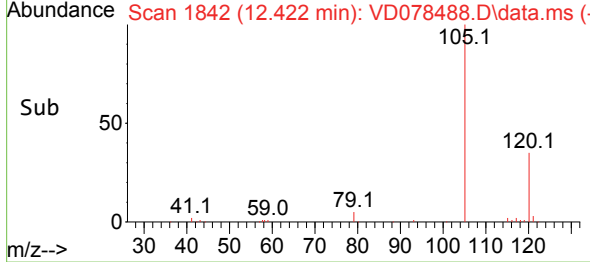
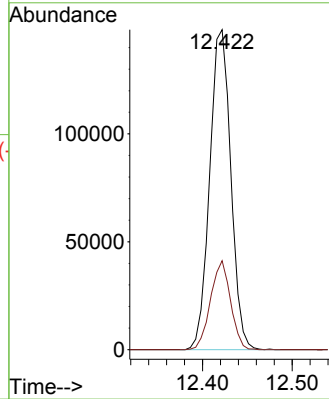
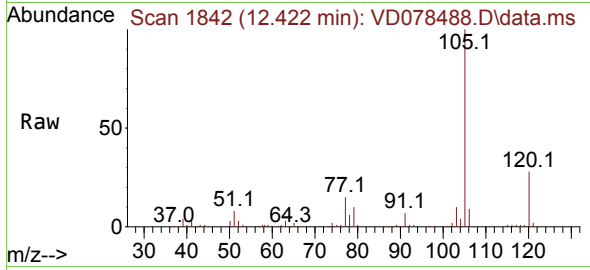




#73
Isopropylbenzene
Concen: 52.042 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

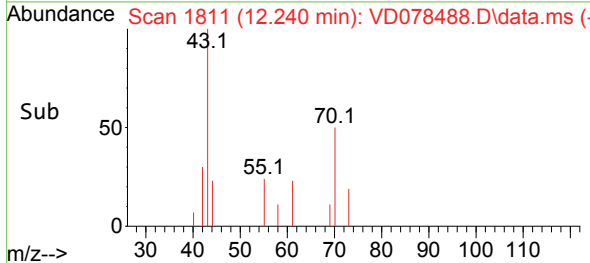
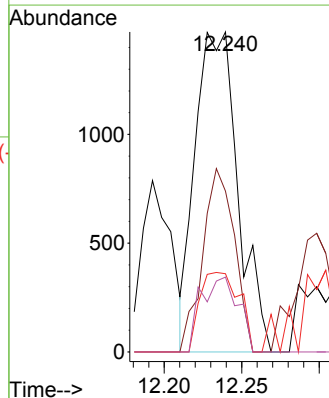
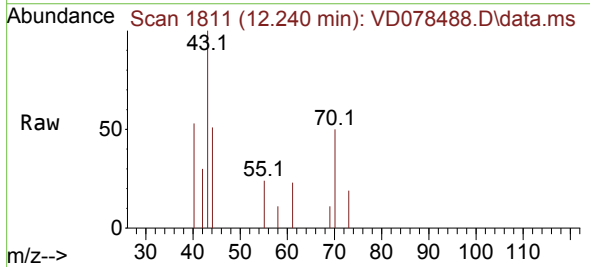
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

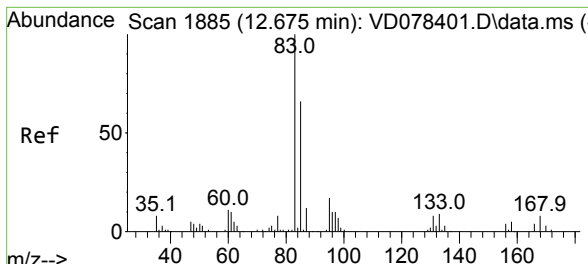
Tgt Ion:105 Resp: 242092
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 3.204 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
70 42.6 45.0 67.4#
55 22.8 23.8 35.6#
61 20.4 22.1 33.1#

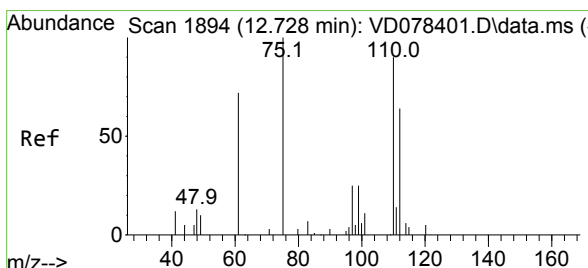
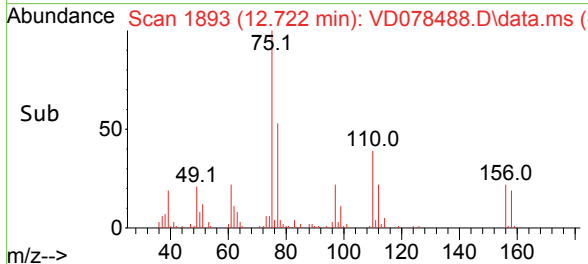
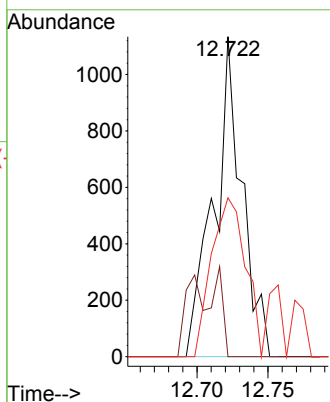
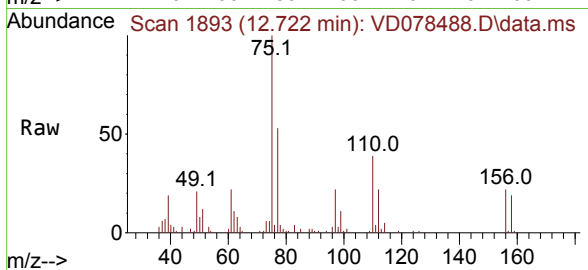




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.680 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.047 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

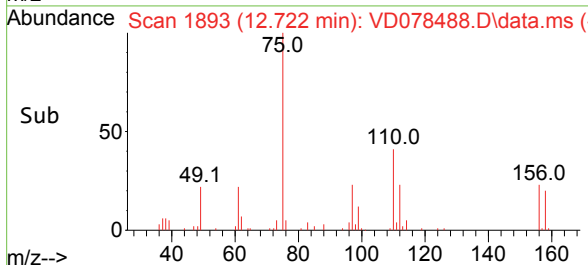
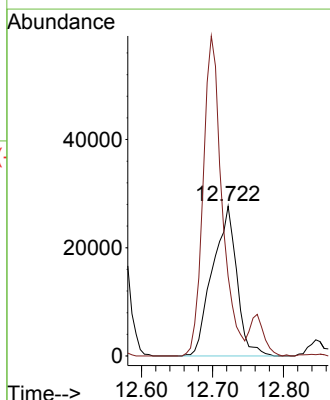
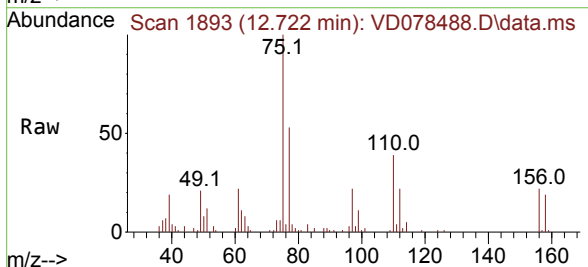
Instrument : MSVOA_D
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

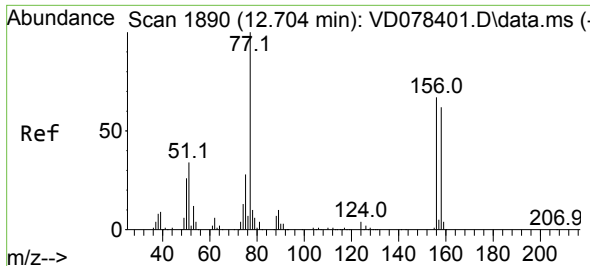
Tgt Ion: 83	Resp: 1550
Ion Ratio	Lower Upper
83	100
131	26.9 5.1 15.3#
85	60.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 112.034 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

Tgt Ion: 75	Resp: 65891
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0

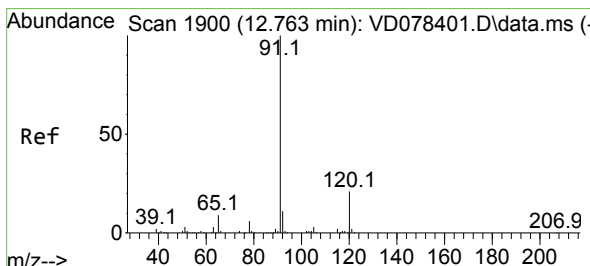
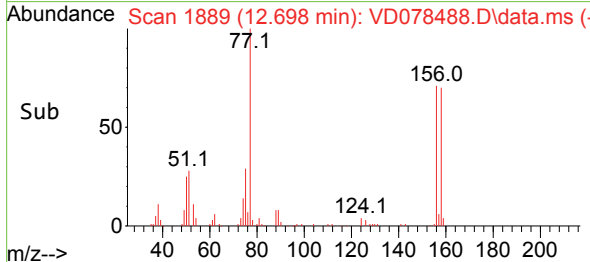
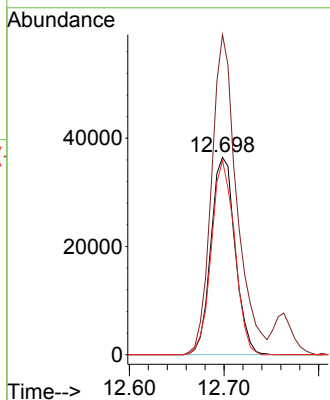
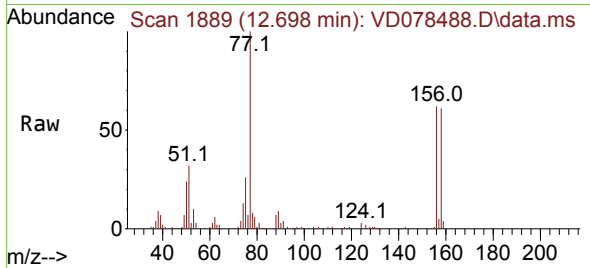




#77
Bromobenzene
Concen: 59.293 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

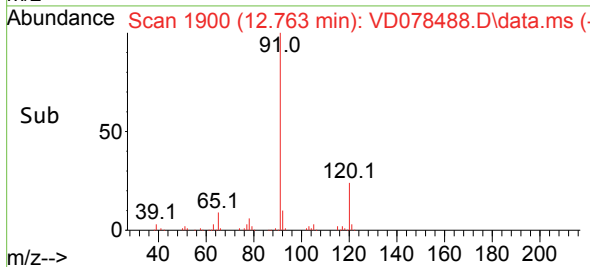
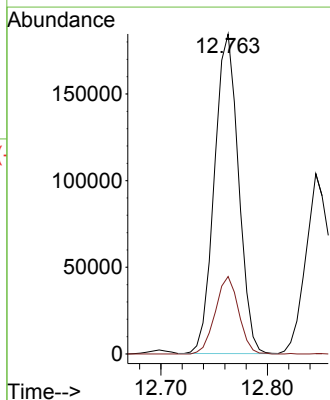
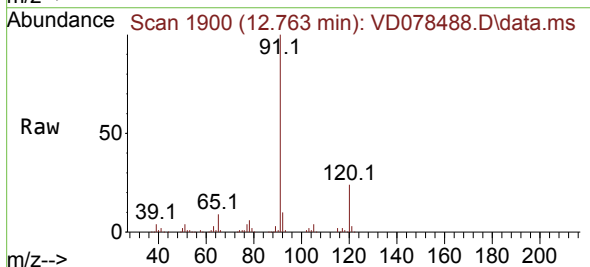
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

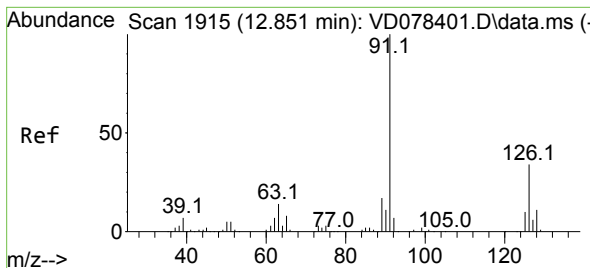
Tgt Ion:156 Resp: 64822
Ion Ratio Lower Upper
156 100
77 169.8 76.8 230.4
158 94.8 48.6 145.9



#78
n-propylbenzene
Concen: 49.906 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 91 Resp: 289306
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 52.848 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

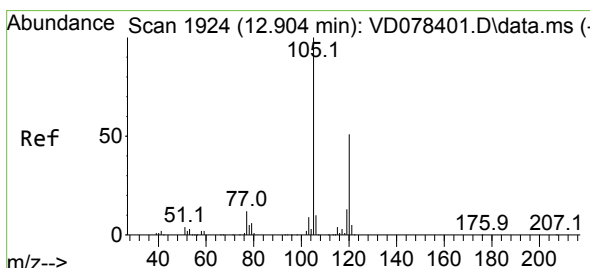
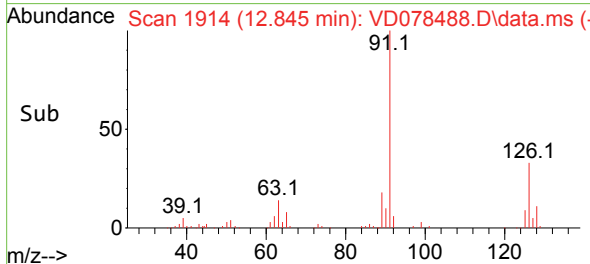
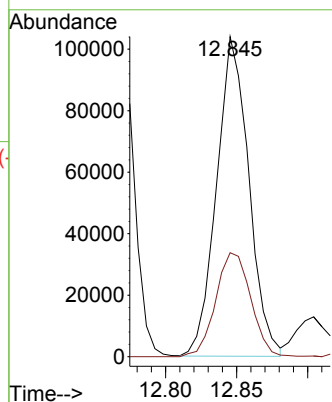
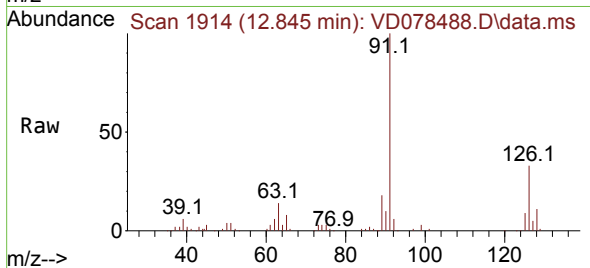
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion: 91 Resp: 164088

Ion Ratio Lower Upper

91 100

126 35.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.278 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078488.D

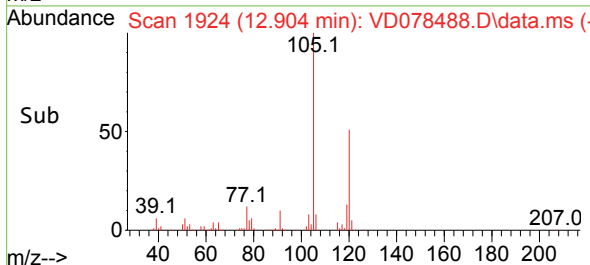
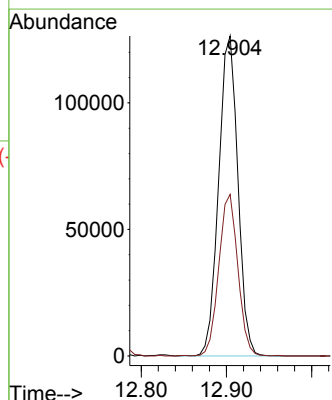
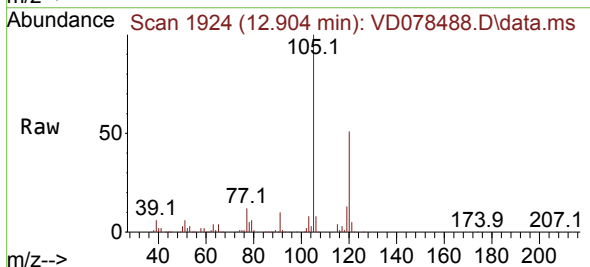
Acq: 20 Feb 2024 17:26

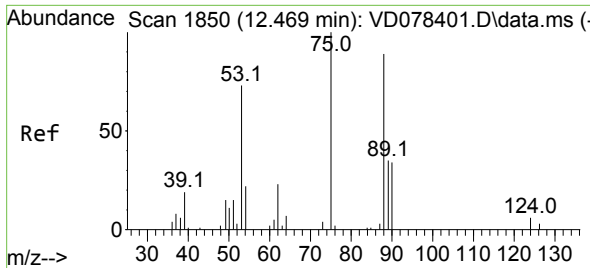
Tgt Ion: 105 Resp: 198070

Ion Ratio Lower Upper

105 100

120 50.2 26.4 79.2

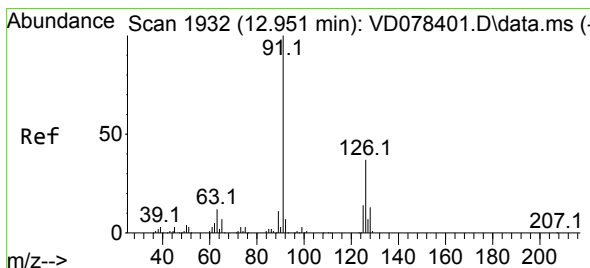
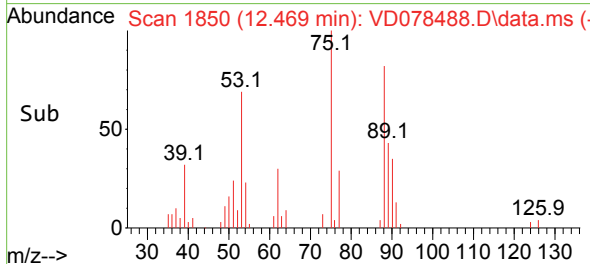
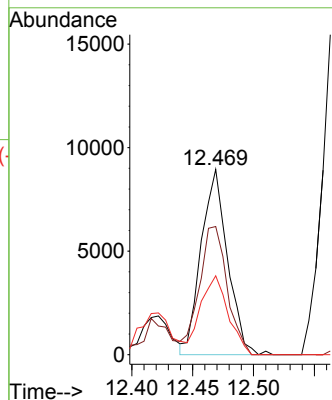
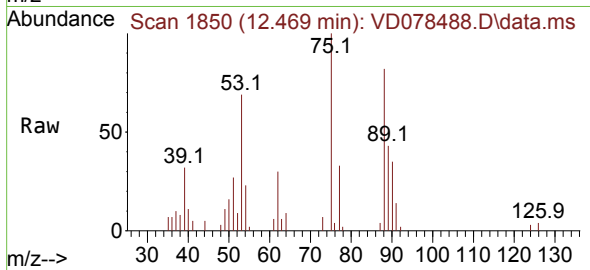




#81
trans-1,4-Dichloro-2-butene
Concen: 47.685 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

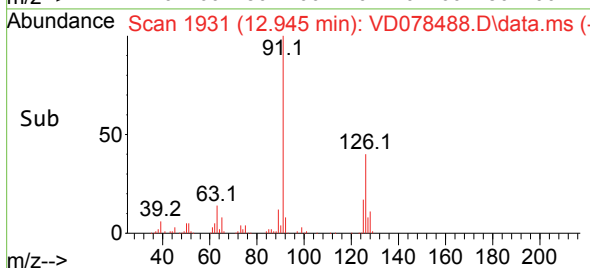
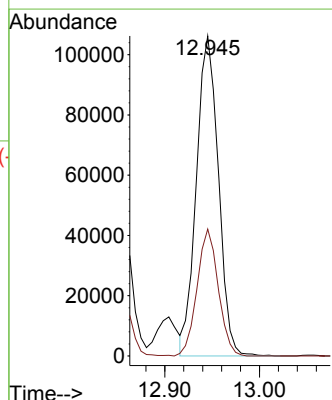
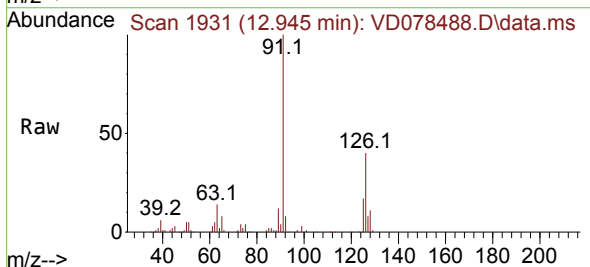
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

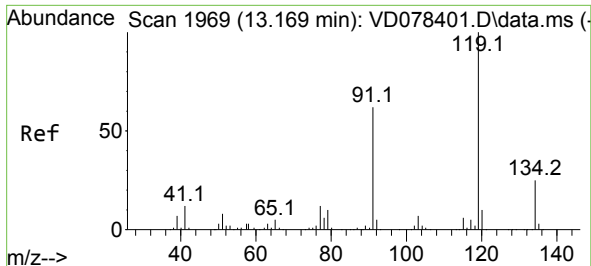
Tgt Ion:	75	Resp:	13509
Ion Ratio	Lower	Upper	
75	100		
53	73.3	63.0	94.4
89	44.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 51.423 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:	91	Resp:	171480
Ion Ratio	Lower	Upper	
91	100		
126	38.2	19.4	58.4

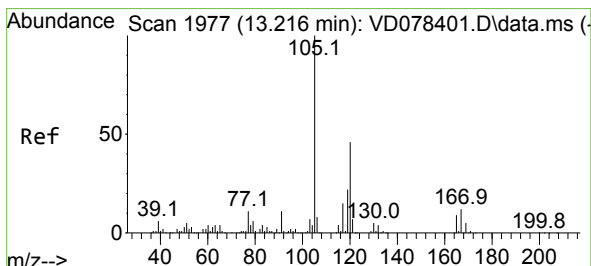
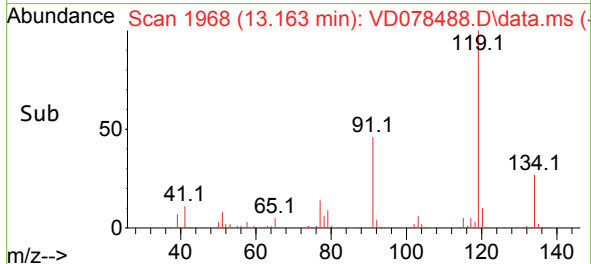
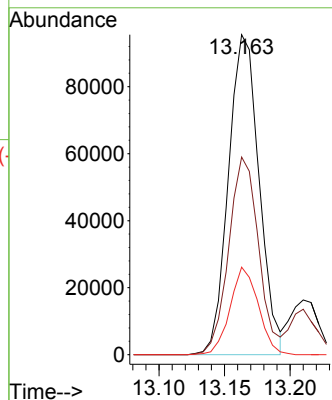
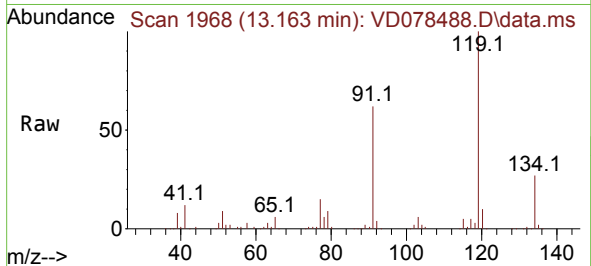




#83
tert-Butylbenzene
Concen: 47.806 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

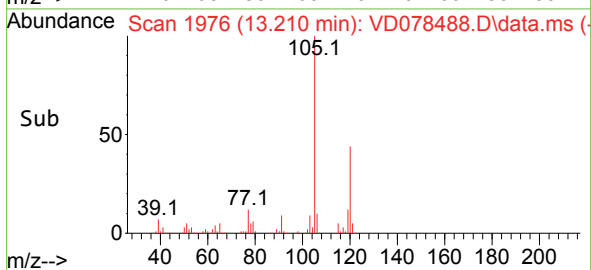
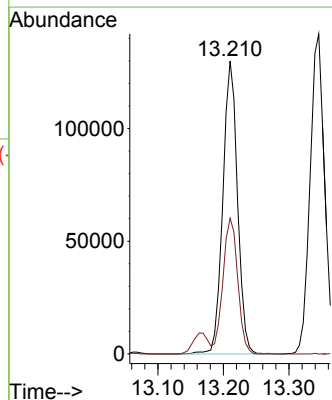
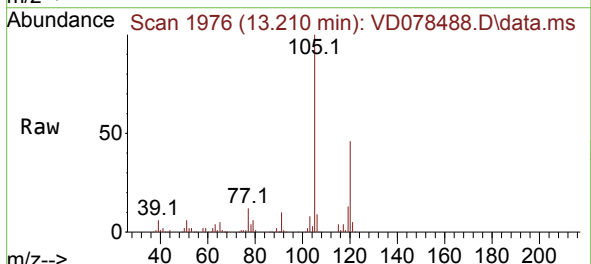
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

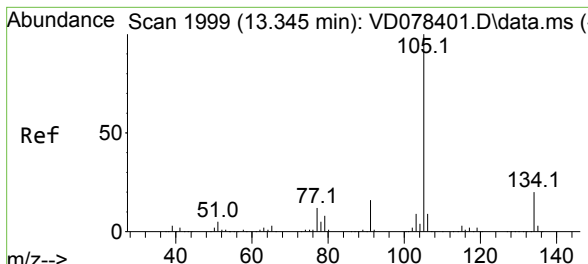
Tgt Ion:119 Resp: 155735
Ion Ratio Lower Upper
119 100
91 60.4 29.3 87.8
134 25.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 51.196 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:105 Resp: 200701
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9

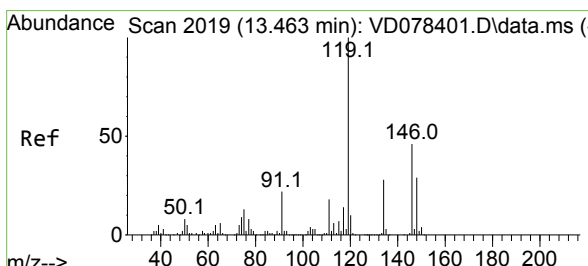
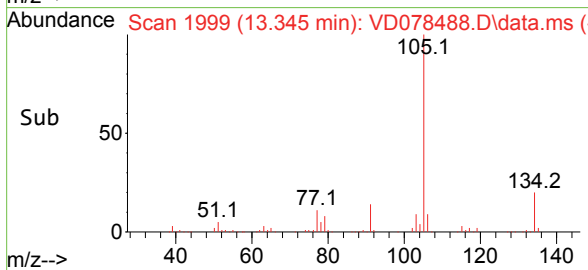
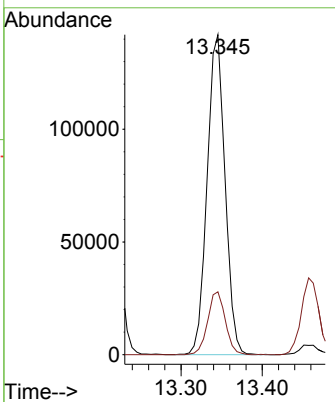
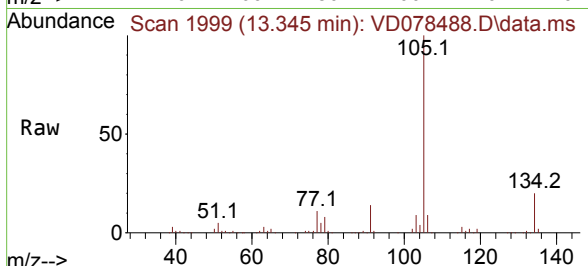




#85
 sec-Butylbenzene
 Concen: 43.013 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

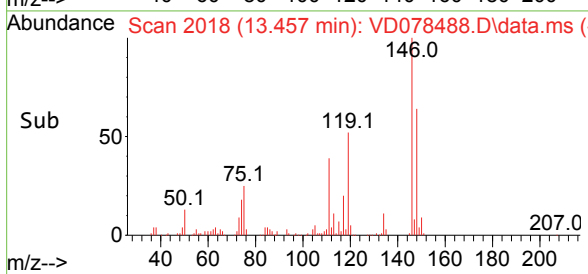
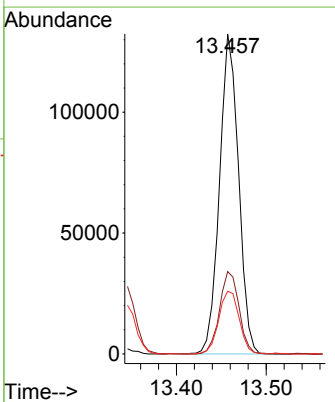
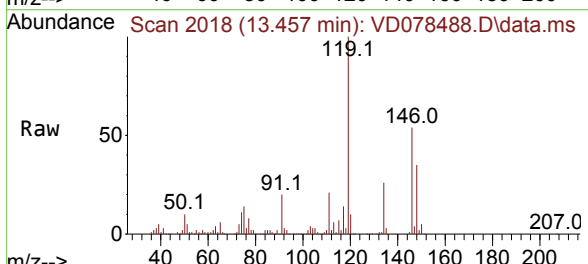
Instrument : MSVOA_D
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

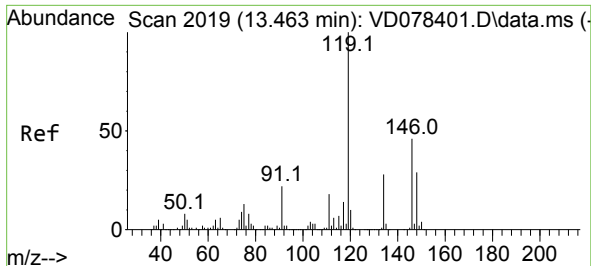
Tgt Ion:	105	Resp:	217308
Ion Ratio	Lower	Upper	
105	100		
134	19.3	10.9	32.9



#86
 p-Isopropyltoluene
 Concen: 45.280 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078488.D
 Acq: 20 Feb 2024 17:26

Tgt Ion:	119	Resp:	194844
Ion Ratio	Lower	Upper	
119	100		
134	26.3	14.2	42.6
91	21.1	10.5	31.5





#87

1,3-Dichlorobenzene

Concen: 49.069 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

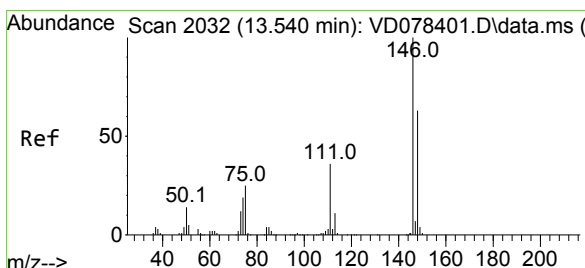
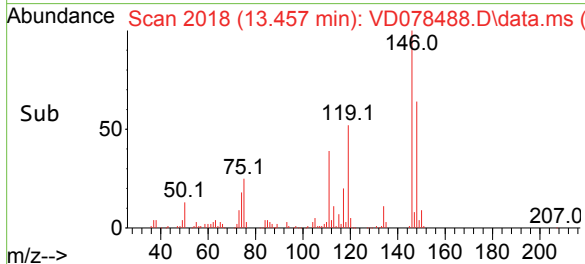
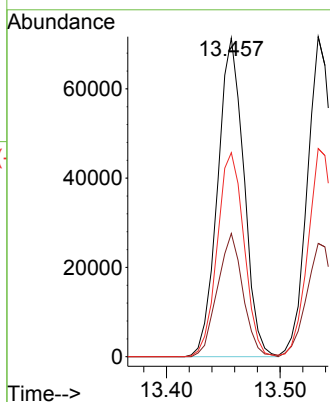
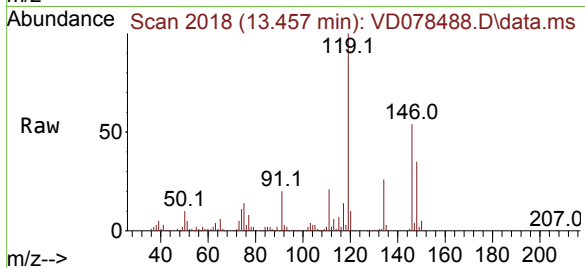
Tgt Ion:146 Resp: 114492

Ion Ratio Lower Upper

146 100

111 37.5 17.9 53.8

148 65.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.190 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

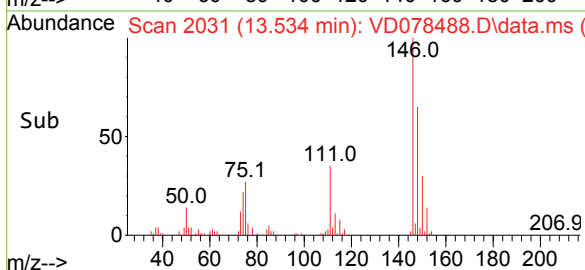
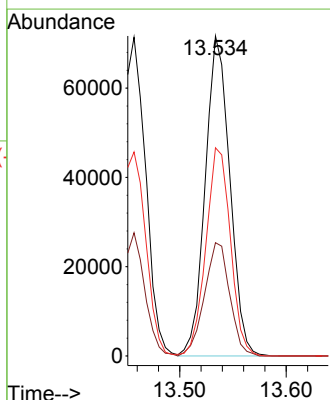
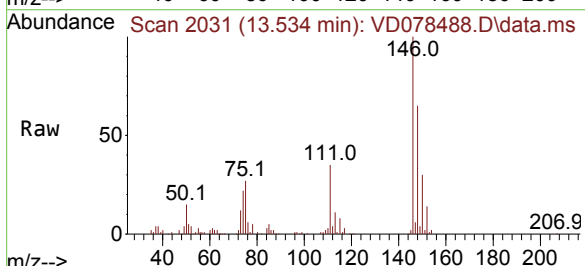
Tgt Ion:146 Resp: 115068

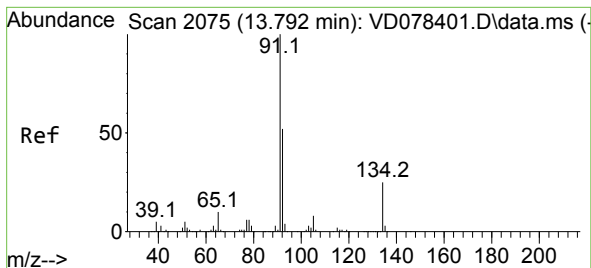
Ion Ratio Lower Upper

146 100

111 36.4 17.4 52.3

148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 38.760 ug/l

RT: 13.786 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078488.D

Acq: 20 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

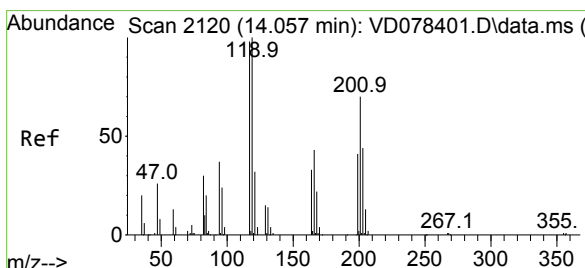
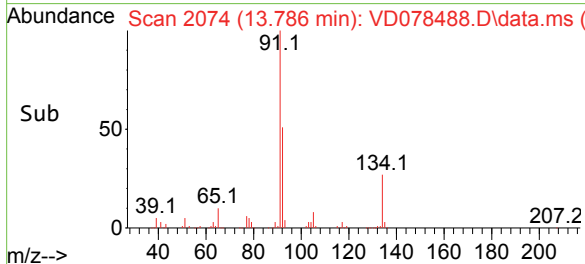
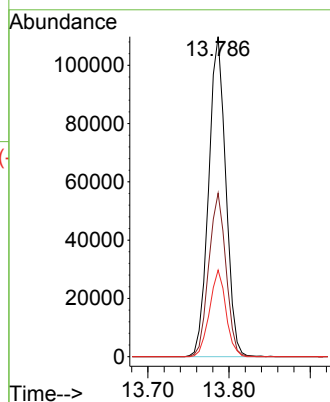
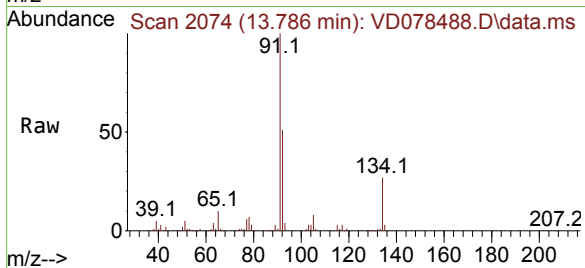
Tgt Ion: 91 Resp: 160760

Ion Ratio Lower Upper

91 100

92 51.1 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 42.930 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078488.D

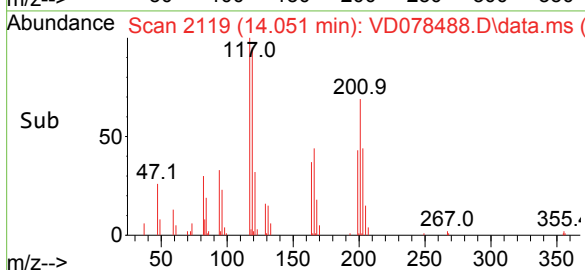
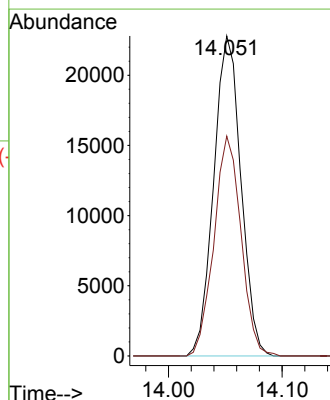
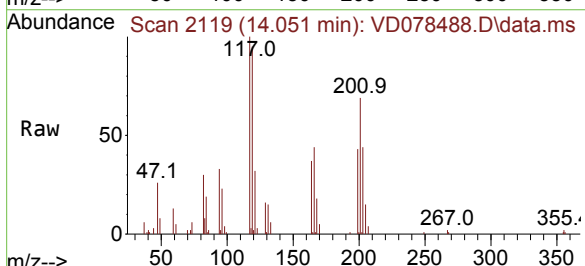
Acq: 20 Feb 2024 17:26

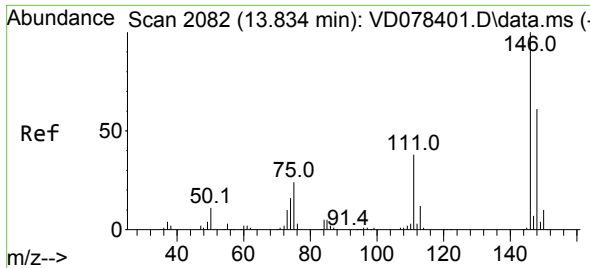
Tgt Ion: 117 Resp: 37968

Ion Ratio Lower Upper

117 100

201 68.2 38.5 115.5

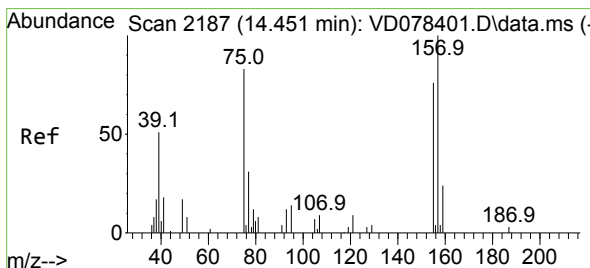
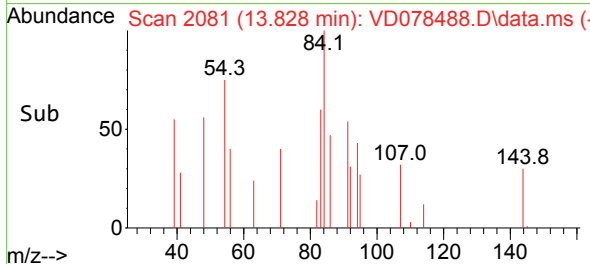
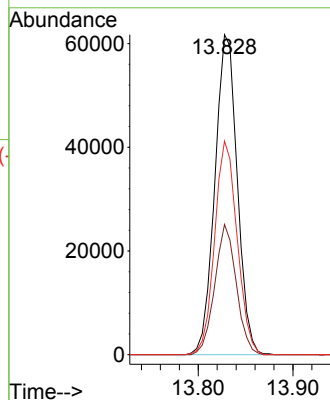
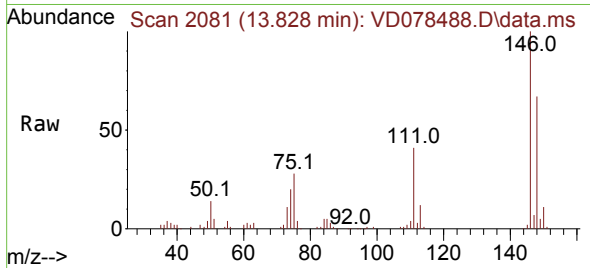




#91
1,2-Dichlorobenzene
Concen: 51.895 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

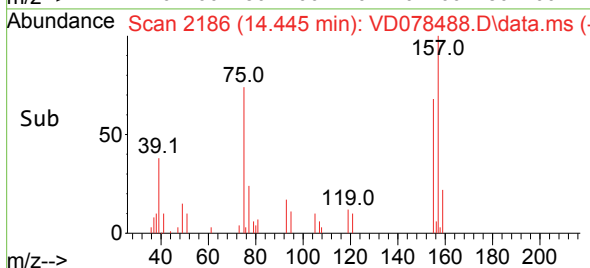
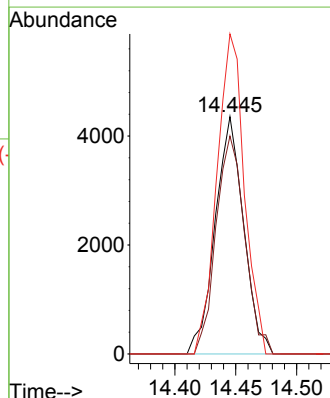
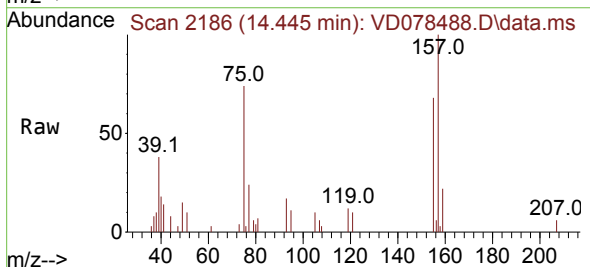
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

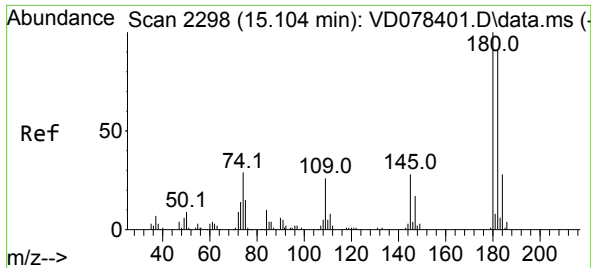
Tgt Ion:146 Resp: 101682
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 67.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.622 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion: 75 Resp: 7083
Ion Ratio Lower Upper
75 100
155 92.3 47.9 143.8
157 130.3 59.9 179.7

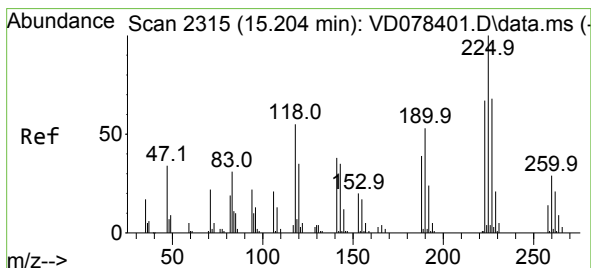
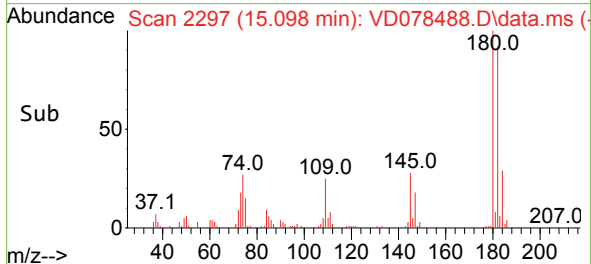
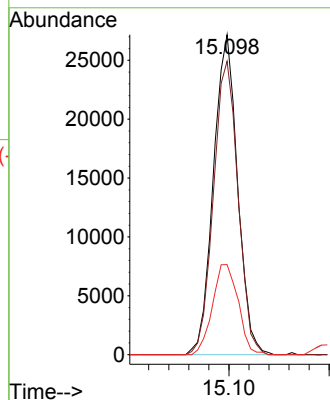
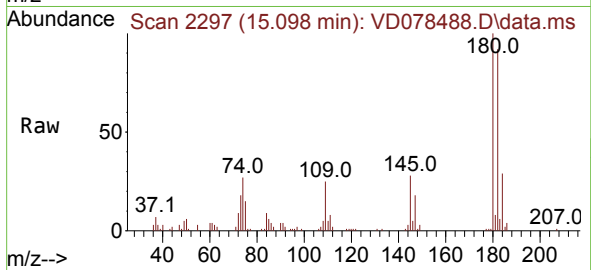




#93
1,2,4-Trichlorobenzene
Concen: 39.469 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

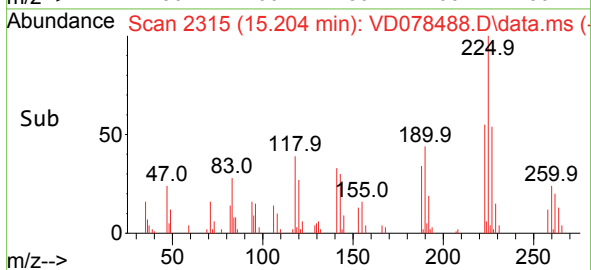
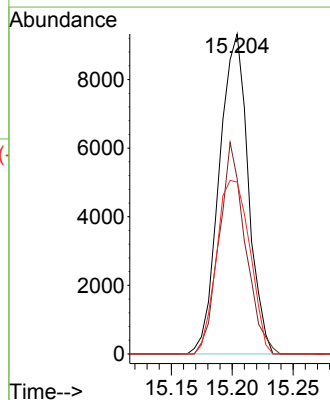
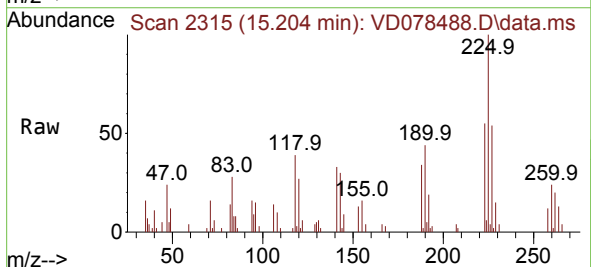
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

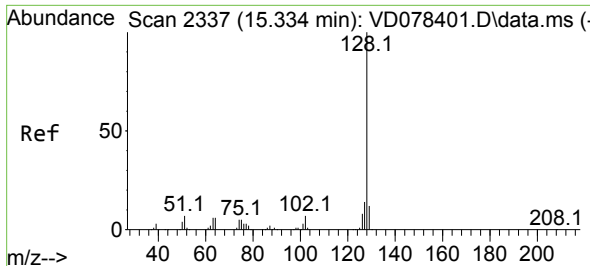
Tgt Ion:180 Resp: 45449
Ion Ratio Lower Upper
180 100
182 93.0 48.5 145.6
145 29.9 14.2 42.6



#94
Hexachlorobutadiene
Concen: 25.680 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:225 Resp: 15435
Ion Ratio Lower Upper
225 100
223 60.2 31.6 94.8
227 62.4 31.7 95.1

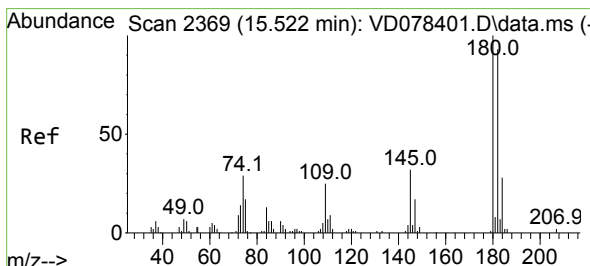
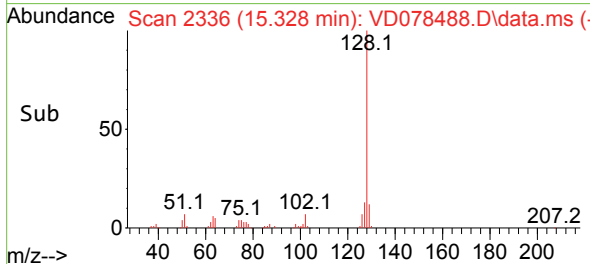
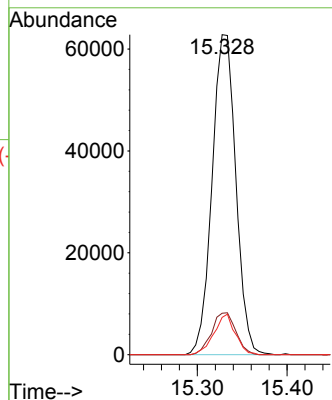
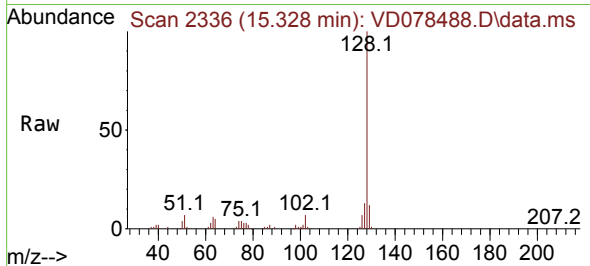




#95
Naphthalene
Concen: 54.085 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion:128	Resp:	115515
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.5 15.7
129	11.7	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 40.301 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078488.D
Acq: 20 Feb 2024 17:26

Tgt Ion:180	Resp:	39330
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.3 141.9
145	30.2	15.1 45.3

