

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040444.D
 Acq On : 23 Feb 2024 20:00
 Operator : JC/MD
 Sample : P1539-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Feb 23 22:25:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	75091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62128	50.803	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.600%		
35) Dibromofluoromethane	5.391	113	463	0.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	1.020%#		
50) Toluene-d8	8.647	98	155806	47.053	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.100%		
62) 4-Bromofluorobenzene	11.079	95	60860	45.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	45439	50.202	ug/l	96
3) Chloromethane	1.295	50	47791	46.707	ug/l	98
4) Vinyl Chloride	1.374	62	49542	48.544	ug/l	99
5) Bromomethane	1.599	94	10500	17.489	ug/l	96
6) Chloroethane	1.679	64	35870	58.318	ug/l	97
7) Trichlorofluoromethane	1.880	101	77090	47.345	ug/l	99
8) Diethyl Ether	2.136	74	29840	51.302	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	38767	45.058	ug/l	98
10) Methyl Iodide	2.453	142	24481	24.454	ug/l	97
11) Tert butyl alcohol	2.965	59	61876	261.753	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	70740	85.247	ug/l	93
13) Acrolein	2.233	56	583	2.061	ug/l	86
14) Allyl chloride	2.660	41	59376	38.743	ug/l	97
15) Acrylonitrile	3.063	53	112347	202.713	ug/l	99
16) Acetone	2.380	43	137911	270.650	ug/l	96
17) Carbon Disulfide	2.508	76	25535	11.193	ug/l	100
18) Methyl Acetate	2.825	43	381	0.289	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	160999	54.414	ug/l	96
20) Methylene Chloride	2.788	84	52960	49.638	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	45190	48.262	ug/l	97
22) Diisopropyl ether	3.764	45	148868	49.142	ug/l #	75
23) Vinyl Acetate	3.764	43	80930	29.273	ug/l #	75
24) 1,1-Dichloroethane	3.605	63	91150	52.032	ug/l	99
25) 2-Butanone	4.556	43	207557	261.271	ug/l	97
26) 2,2-Dichloropropane	4.471	77	56115	49.076	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52901	50.698	ug/l	97
28) Bromochloromethane	4.898	49	40839	49.981	ug/l	100
29) Tetrahydrofuran	5.001	42	141355	267.299	ug/l	98
30) Chloroform	5.093	83	94654	50.132	ug/l	97
31) Cyclohexane	5.471	56	65303	44.540	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	79234	50.691	ug/l	98
36) 1,1-Dichloropropene	5.690	75	64623	45.550	ug/l	98
37) Ethyl Acetate	4.556	43	207557	128.050	ug/l #	69
38) Carbon Tetrachloride	5.678	117	61669	46.982	ug/l	98
39) Methylcyclohexane	7.379	83	68231	45.379	ug/l	98
40) Benzene	6.038	78	186605	48.349	ug/l	100

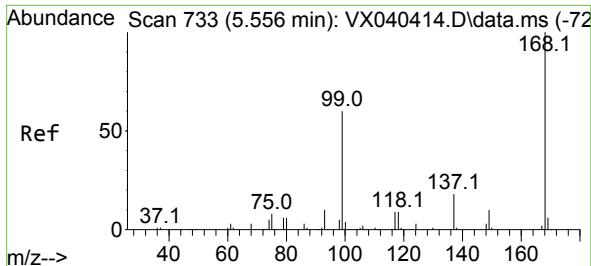
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44487	51.687	ug/l	96
42) 1,2-Dichloroethane	6.086	62	82640	51.521	ug/l	99
44) Trichloroethene	7.123	130	92734	91.868	ug/l	99
45) 1,2-Dichloropropane	7.434	63	51604	50.100	ug/l	98
46) Dibromomethane	7.580	93	38893	50.329	ug/l	99
47) Bromodichloromethane	7.824	83	37818	26.295	ug/l	94
48) Methyl methacrylate	7.659	41	894	0.726	ug/l #	16
49) 1,4-Dioxane	7.659	88	25526	1028.163	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	451856	267.495	ug/l	97
52) Toluene	8.720	92	116332	49.184	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	59762	41.216	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	38545	24.954	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	6133	6.056	ug/l	95
57) 1,3-Dichloropropane	9.305	76	86399	48.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	217636	280.488	ug/l	95
59) 2-Hexanone	9.427	43	345645	265.312	ug/l	99
60) Dibromochloromethane	9.519	129	35543	34.999	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54044	49.649	ug/l	98
64) Tetrachloroethene	9.275	164	66110	73.346	ug/l	95
65) Chlorobenzene	10.080	112	121630	49.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	33187	38.265	ug/l	98
67) Ethyl Benzene	10.195	91	225949	48.566	ug/l	98
68) m/p-Xylenes	10.299	106	167046	98.468	ug/l	94
69) o-Xylene	10.640	106	82306	49.083	ug/l	93
70) Styrene	10.653	104	139715	50.544	ug/l	99
71) Bromoform	10.799	173	31876	45.461	ug/l #	98
73) Isopropylbenzene	10.964	105	210029	47.318	ug/l	99
74) N-amyl acetate	10.854	43	547	0.266	ug/l #	49
76) 1,2,3-Trichloropropane	11.238	75	74297	53.262	ug/l	90
77) Bromobenzene	11.195	156	53787	49.592	ug/l	97
78) n-propylbenzene	11.305	91	258831	47.207	ug/l	98
79) 2-Chlorotoluene	11.366	91	157289	48.067	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	185024	49.066	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	4530	11.300	ug/l #	65
82) 4-Chlorotoluene	11.457	91	183290	47.794	ug/l	99
83) tert-Butylbenzene	11.713	119	147536	41.508	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	187632	49.314	ug/l	98
85) sec-Butylbenzene	11.890	105	222140	46.946	ug/l	99
86) p-Isopropyltoluene	12.006	119	182587	48.295	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	98159	47.320	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	99419	46.229	ug/l	98
89) n-Butylbenzene	12.329	91	173541	46.653	ug/l	96
90) Hexachloroethane	12.536	117	29282	48.362	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	98111	48.909	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2960	8.180	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	64596	50.019	ug/l	98
94) Hexachlorobutadiene	13.725	225	22813	48.774	ug/l	98
95) Naphthalene	13.774	128	240108	57.938	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65663	52.810	ug/l	98

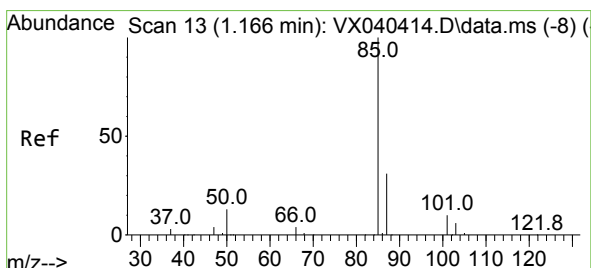
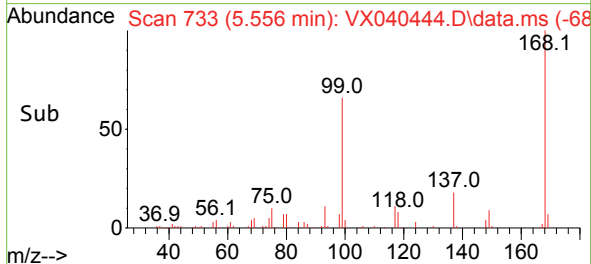
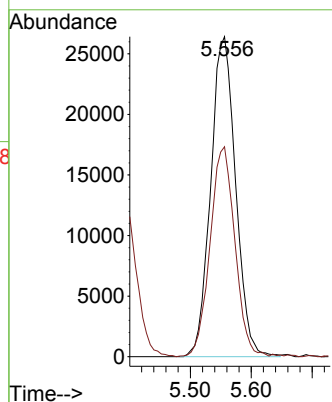
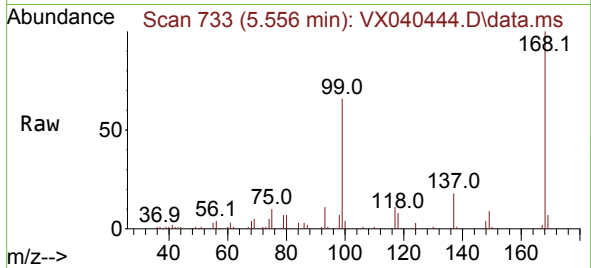
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

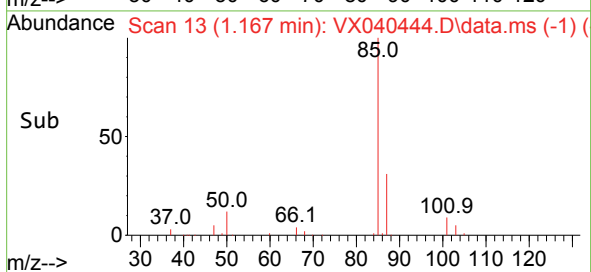
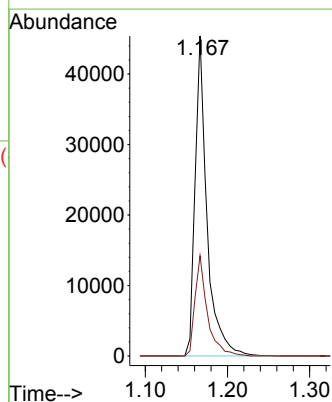
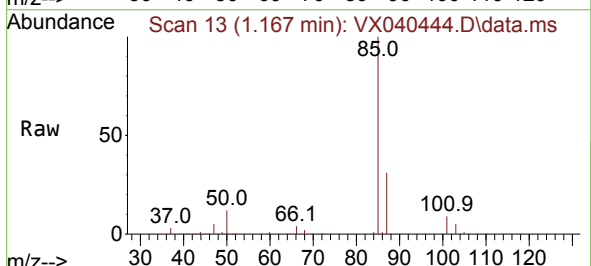
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

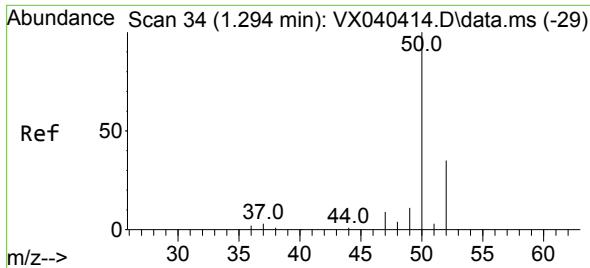
Tgt Ion:168 Resp: 75091
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 50.202 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 85 Resp: 45439
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1

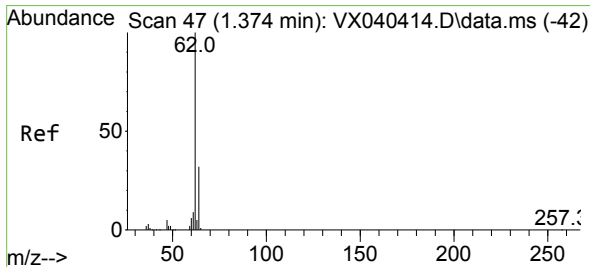
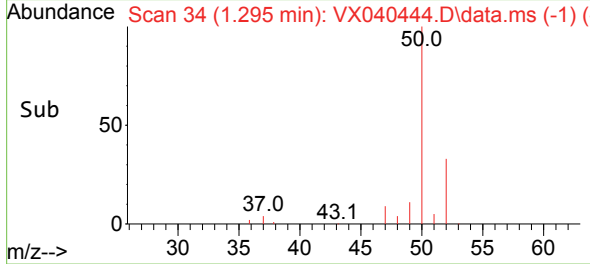
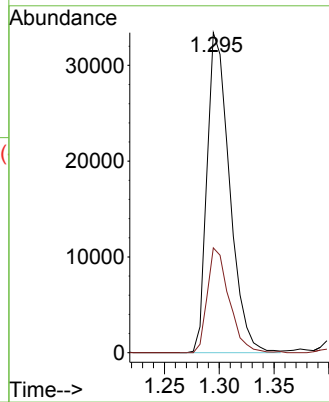
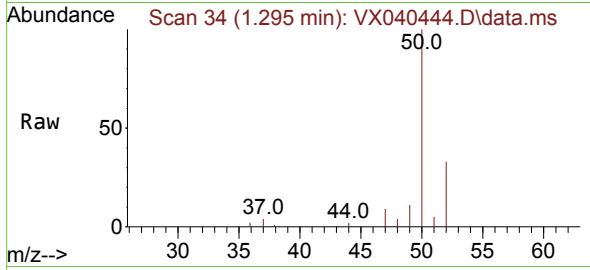




#3
Chloromethane
Concen: 46.707 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

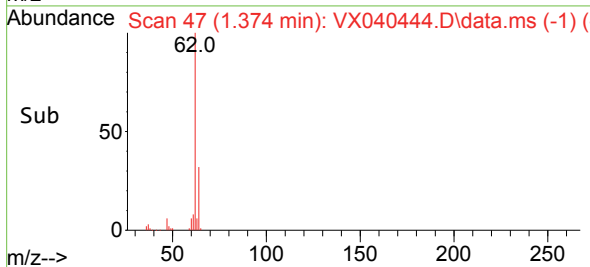
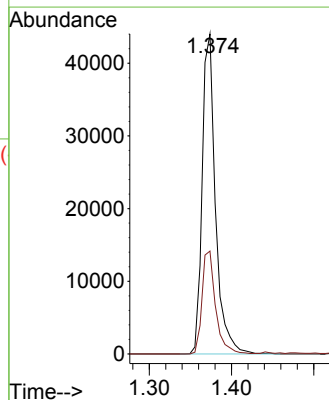
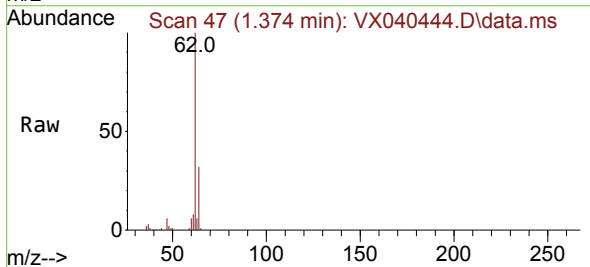
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

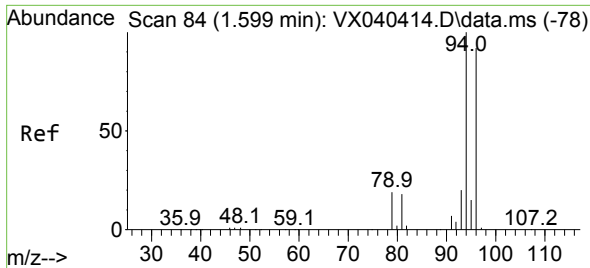
Tgt Ion: 50 Resp: 47791
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3



#4
Vinyl Chloride
Concen: 48.544 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 62 Resp: 49542
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

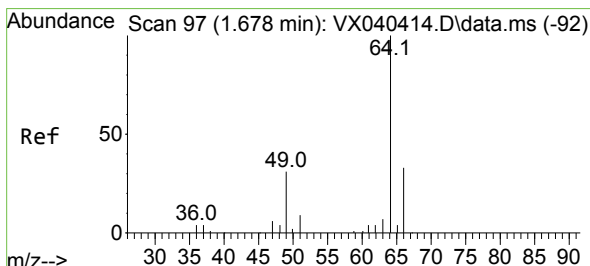
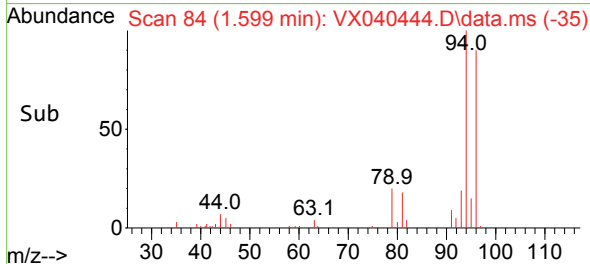
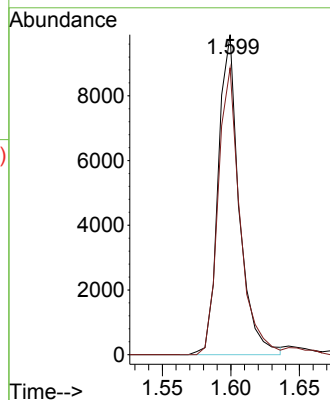
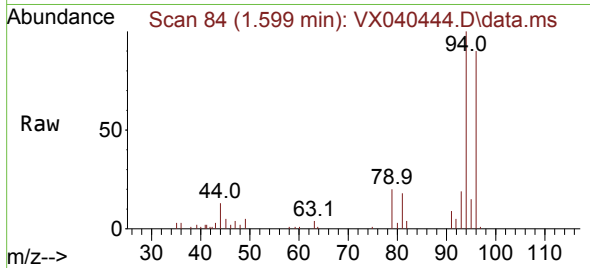




#5
Bromomethane
Concen: 17.489 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

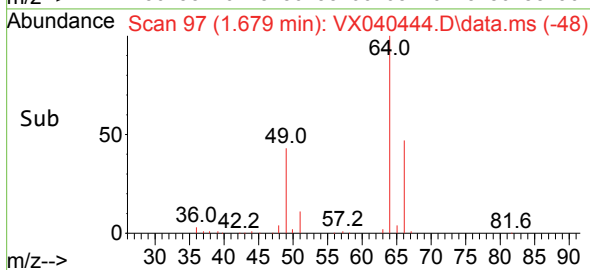
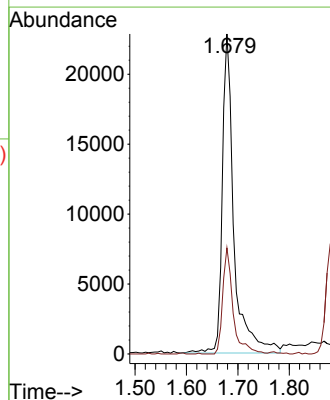
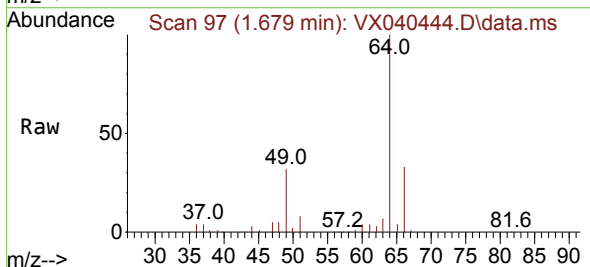
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

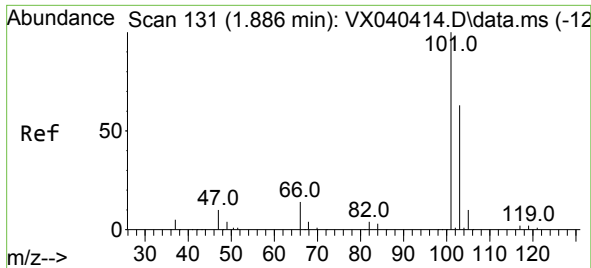
Tgt Ion: 94 Resp: 10500
Ion Ratio Lower Upper
94 100
96 89.7 74.6 111.8



#6
Chloroethane
Concen: 58.318 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 64 Resp: 35870
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7

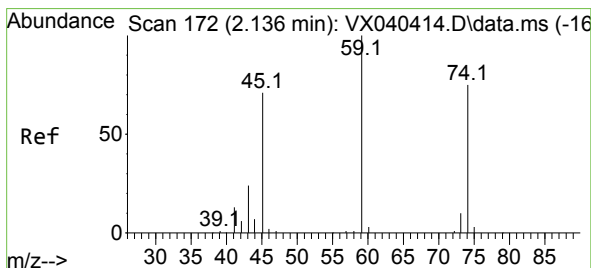
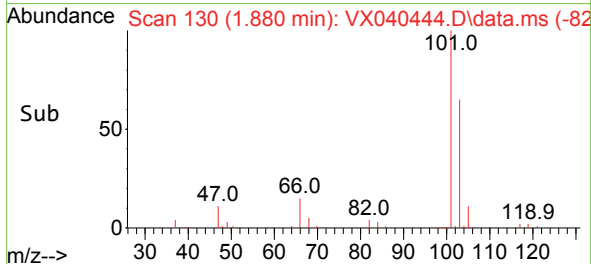
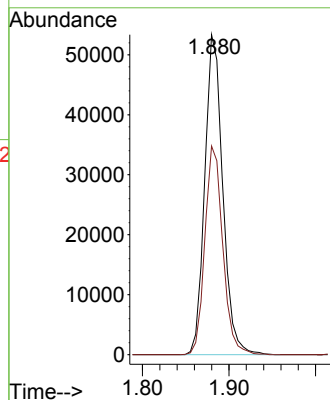
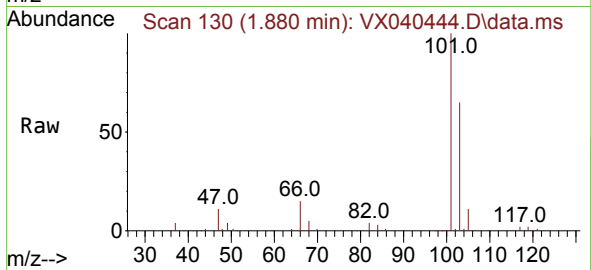




#7
Trichlorofluoromethane
Concen: 47.345 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

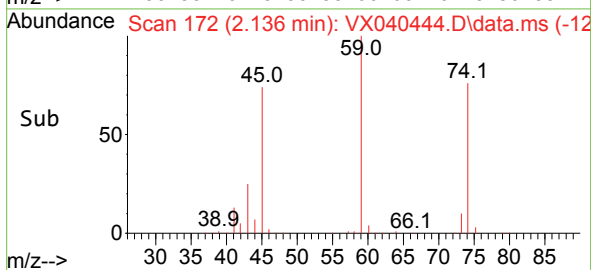
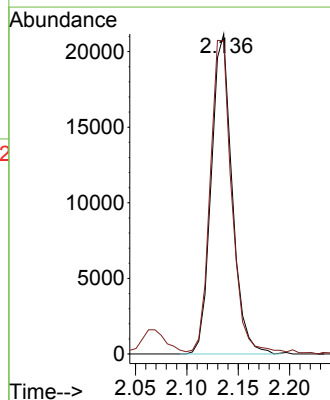
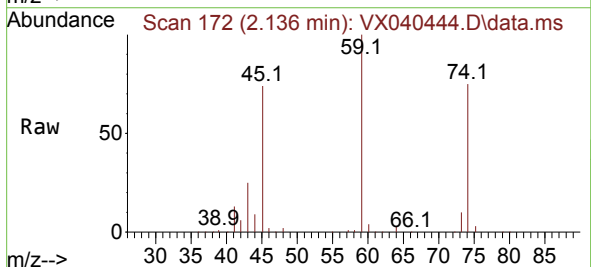
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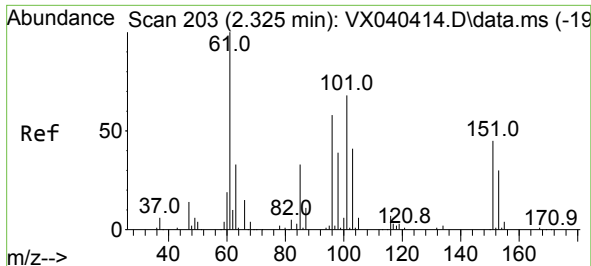
Tgt Ion:101 Resp: 77090
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2



#8
Diethyl Ether
Concen: 51.302 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 74 Resp: 29840
Ion Ratio Lower Upper
74 100
45 102.9 53.3 159.8

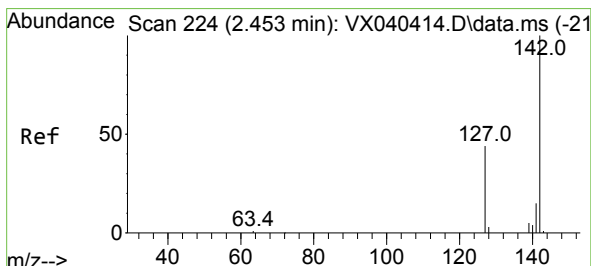
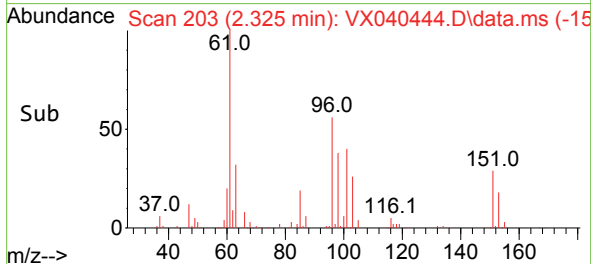
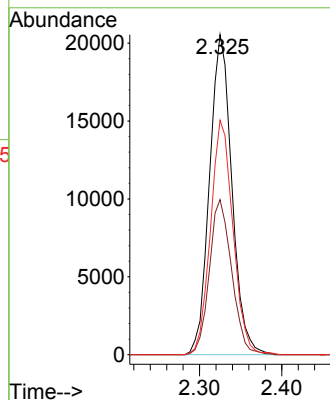
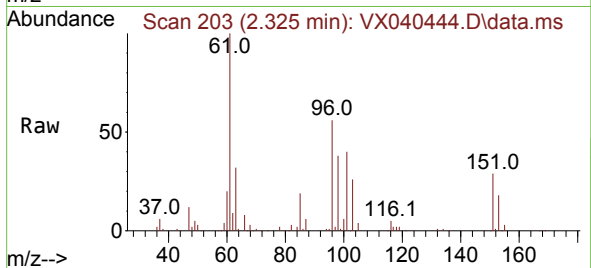




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.058 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

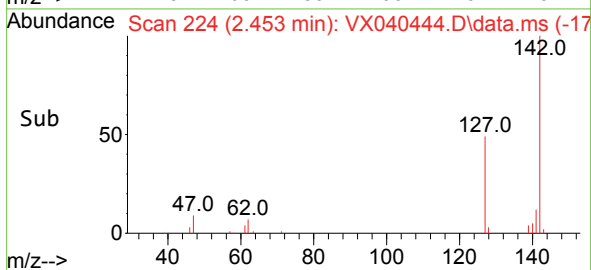
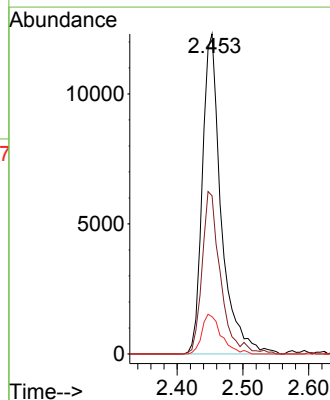
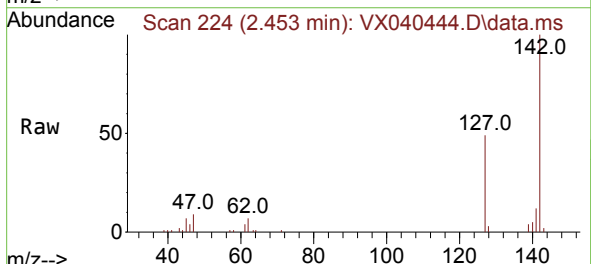
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

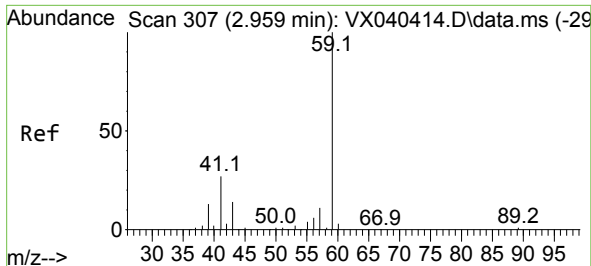
Tgt Ion:101 Resp: 38767
Ion Ratio Lower Upper
101 100
85 48.4 37.0 55.6
151 73.6 58.6 87.8



#10
Methyl Iodide
Concen: 24.454 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:142 Resp: 24481
Ion Ratio Lower Upper
142 100
127 49.9 41.6 62.4
141 12.8 11.6 17.4

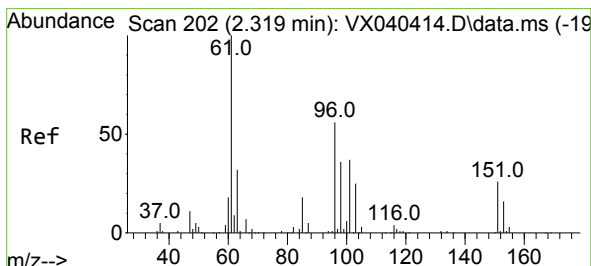
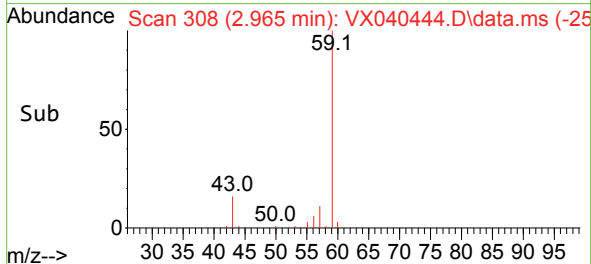
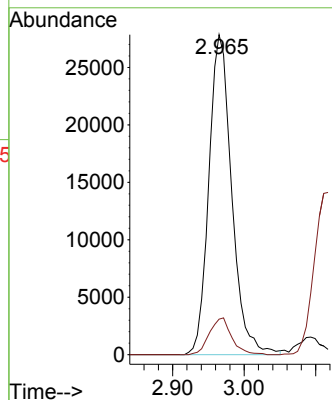
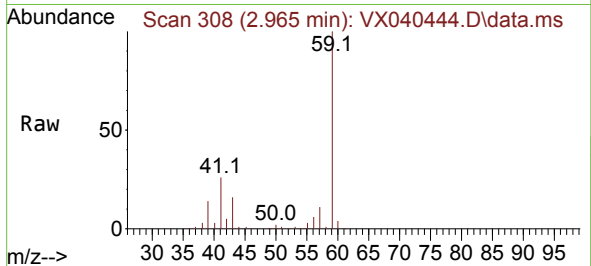




#11
Tert butyl alcohol
Concen: 261.753 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

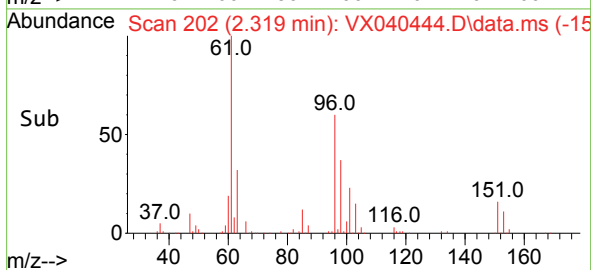
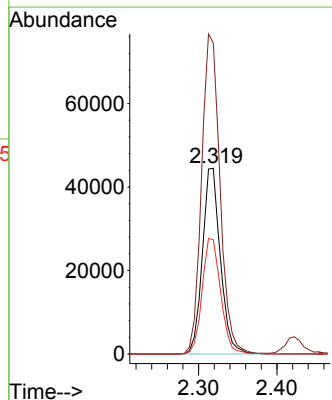
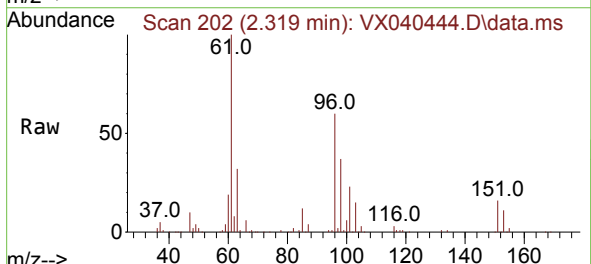
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

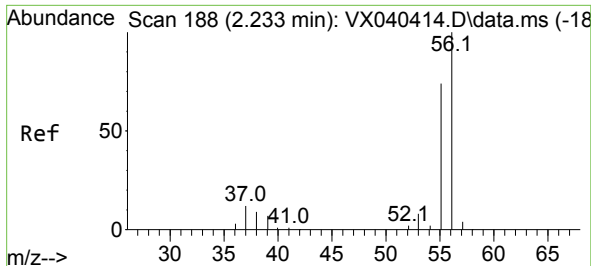
Tgt Ion: 59 Resp: 61876
Ion Ratio Lower Upper
59 100
57 11.2 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 85.247 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 96 Resp: 70740
Ion Ratio Lower Upper
96 100
61 167.6 144.6 216.8
98 61.5 50.4 75.6





#13

Acrolein

Concen: 2.061 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040444.D

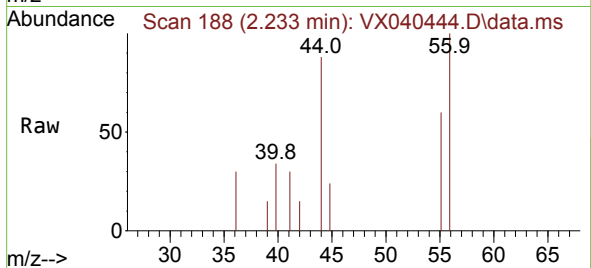
Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

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

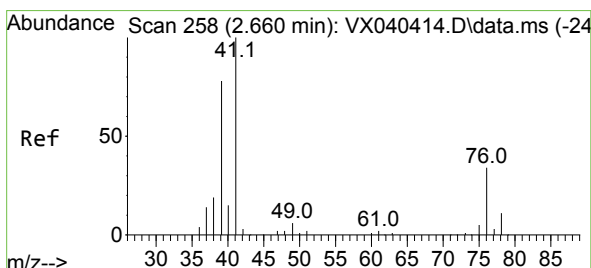
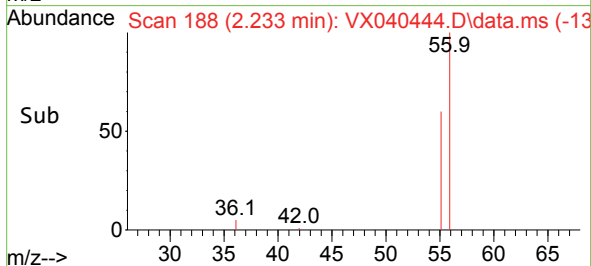
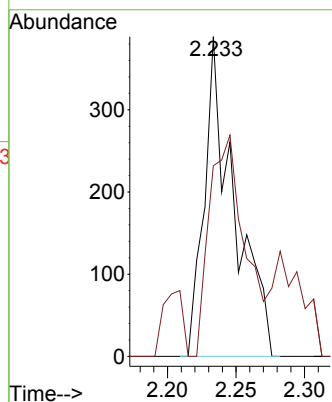


Tgt Ion: 56 Resp: 583

Ion Ratio Lower Upper

56 100

55 83.2 57.1 85.7



#14

Allyl chloride

Concen: 38.743 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

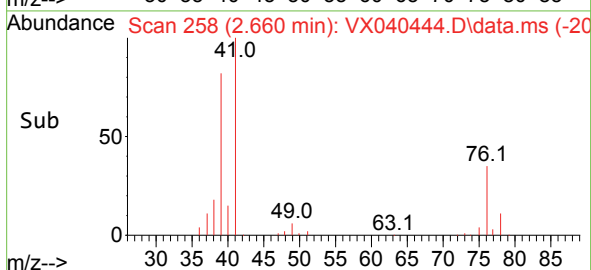
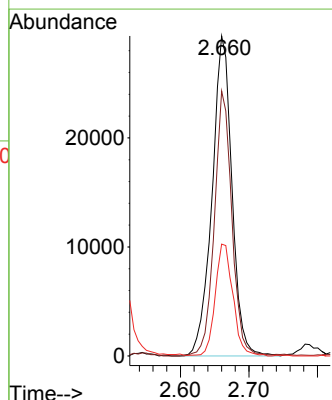
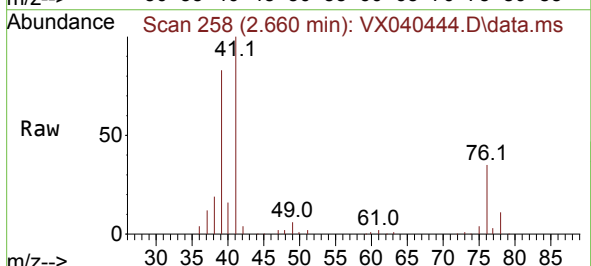
Tgt Ion: 41 Resp: 59376

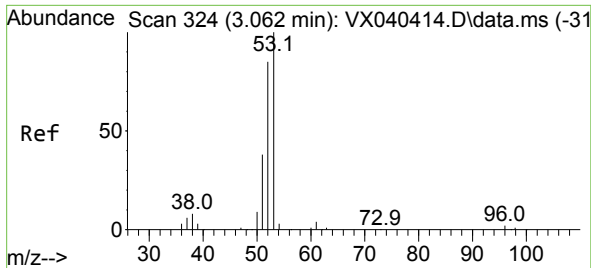
Ion Ratio Lower Upper

41 100

39 72.6 55.8 83.6

76 31.0 24.3 36.5

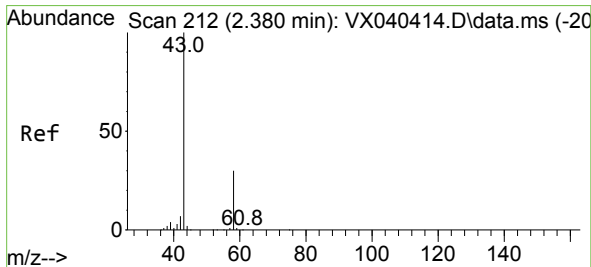
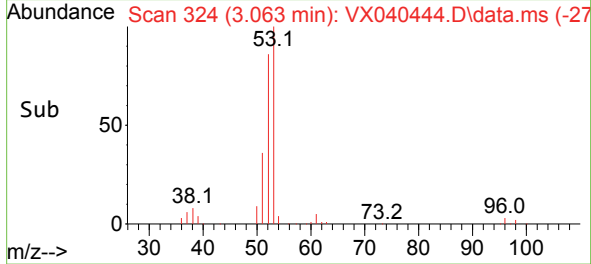
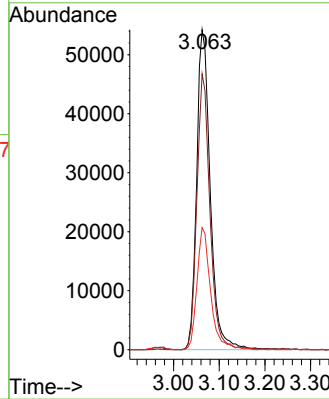
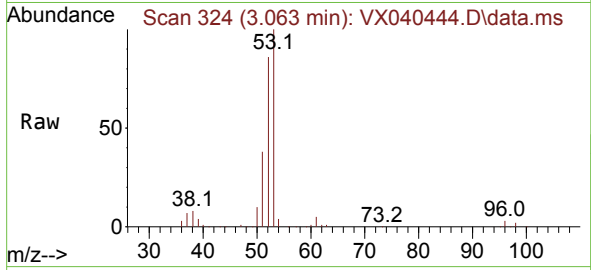




#15
Acrylonitrile
Concen: 202.713 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

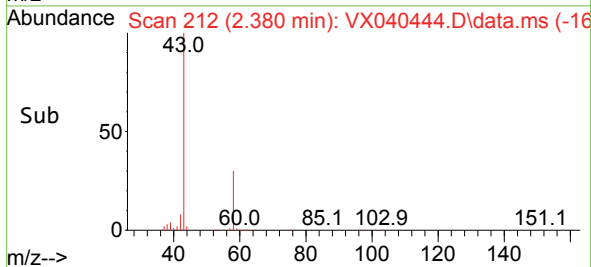
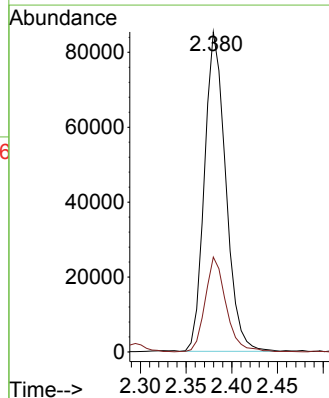
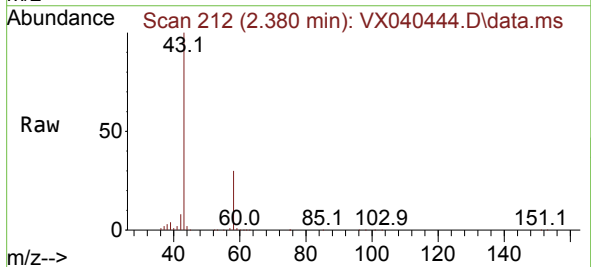
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

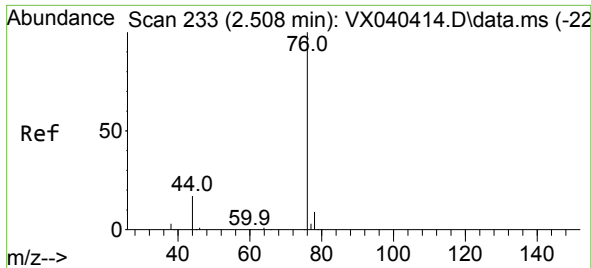
Tgt Ion:	53	Resp:	112347
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.0	99.0
51	38.3	29.8	44.6



#16
Acetone
Concen: 270.650 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:	43	Resp:	137911
Ion	Ratio	Lower	Upper
43	100		
58	29.6	21.9	32.9





#17

Carbon Disulfide

Concen: 11.193 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

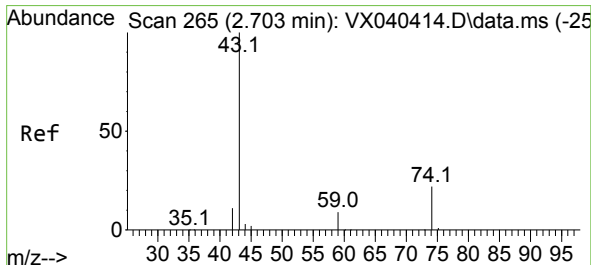
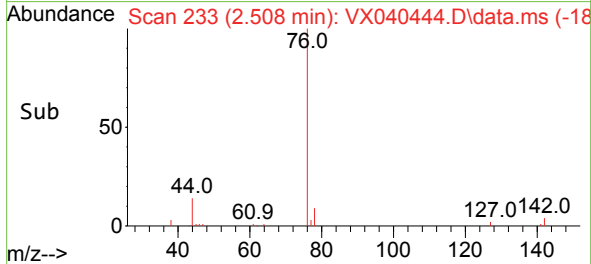
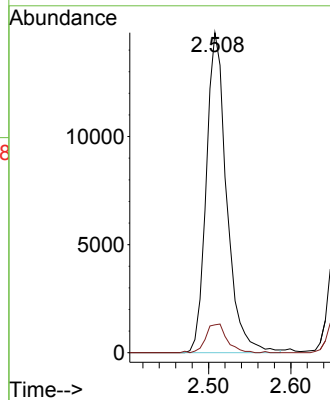
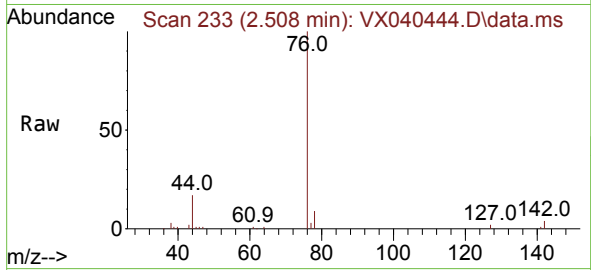
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 76 Resp: 25535

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 2.825 min Scan# 285

Delta R.T. 0.122 min

Lab File: VX040444.D

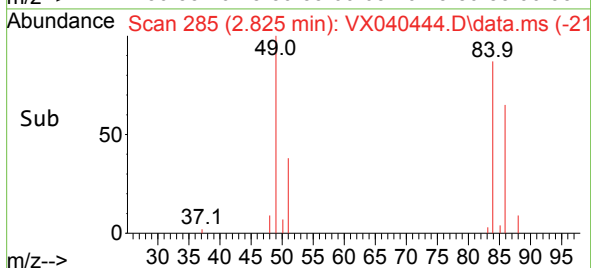
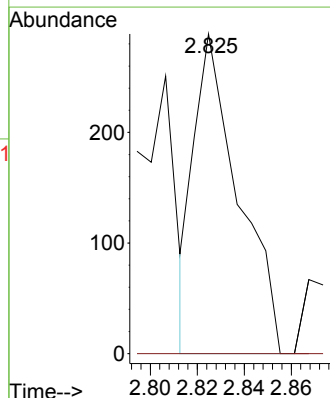
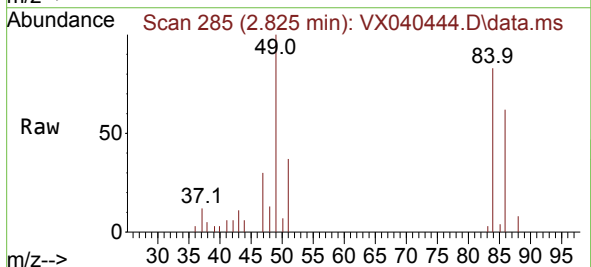
Acq: 23 Feb 2024 20:00

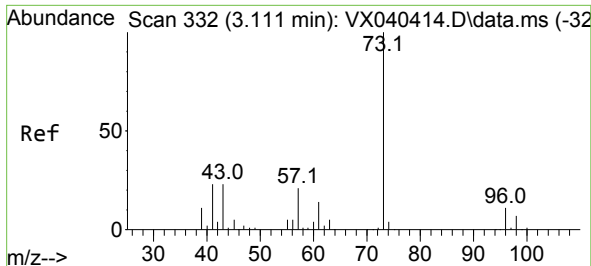
Tgt Ion: 43 Resp: 381

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

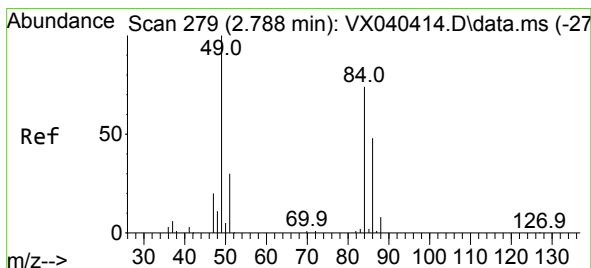
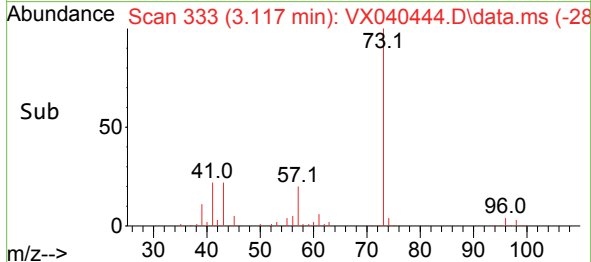
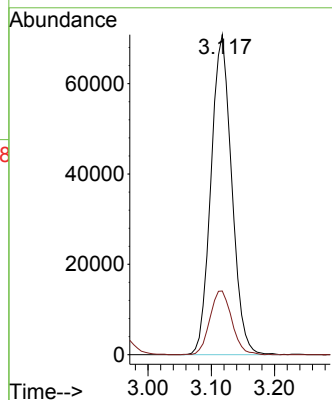
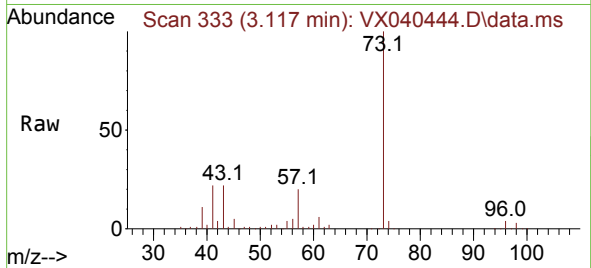




#19
Methyl tert-butyl Ether
Concen: 54.414 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

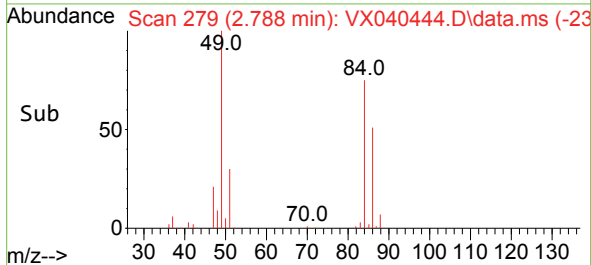
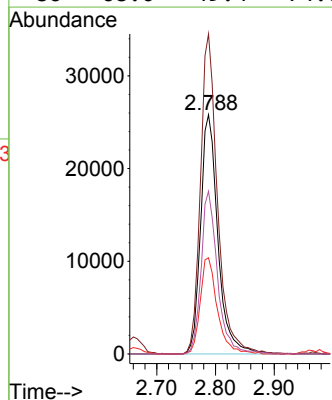
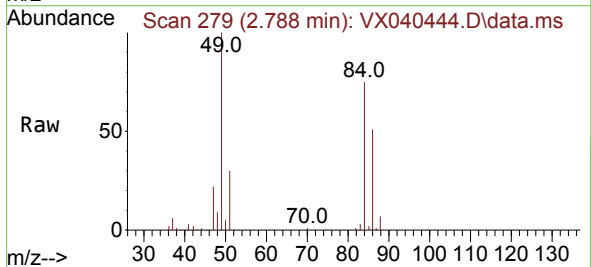
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

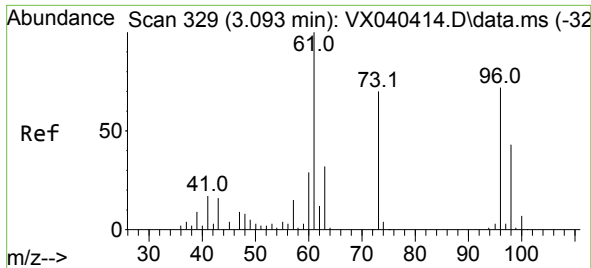
Tgt Ion: 73 Resp: 160999
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 49.638 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 84 Resp: 52960
Ion Ratio Lower Upper
84 100
49 133.8 103.6 155.4
51 40.2 33.8 50.6
86 68.0 49.4 74.0

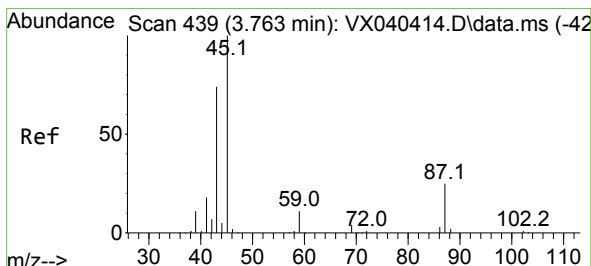
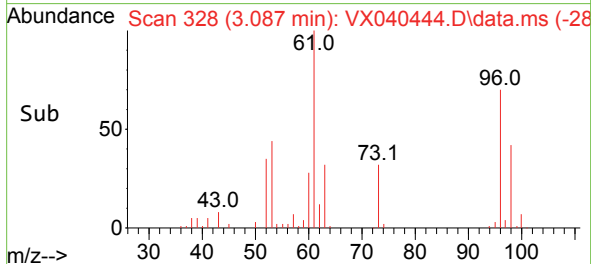
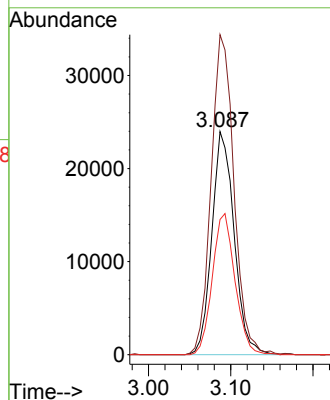
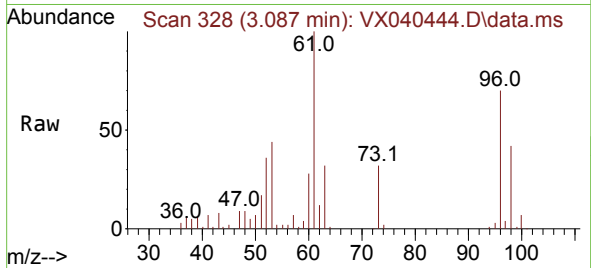




#21
trans-1,2-Dichloroethene
Concen: 48.262 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

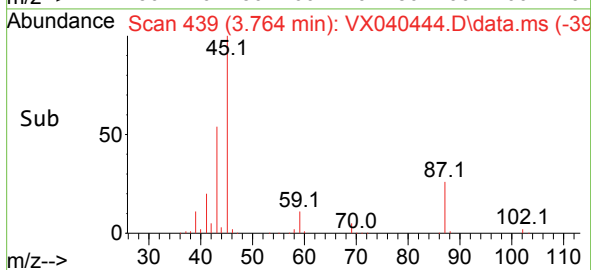
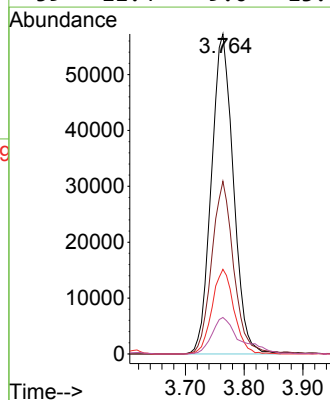
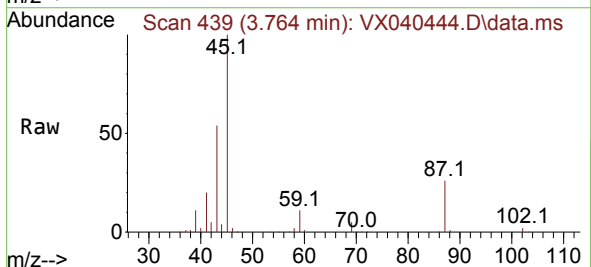
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

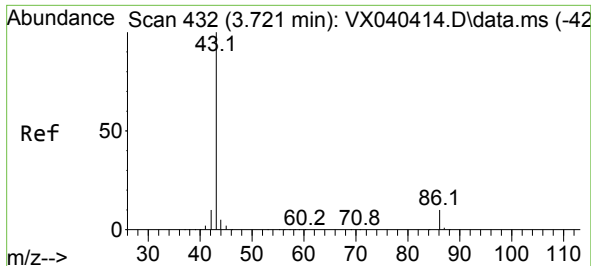
Tgt Ion: 96 Resp: 45190
Ion Ratio Lower Upper
96 100
61 143.5 119.2 178.8
98 60.6 48.7 73.1



#22
Diisopropyl ether
Concen: 49.142 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 45 Resp: 148868
Ion Ratio Lower Upper
45 100
43 53.9 69.7 104.5#
87 26.5 20.8 31.2
59 11.4 9.0 13.4

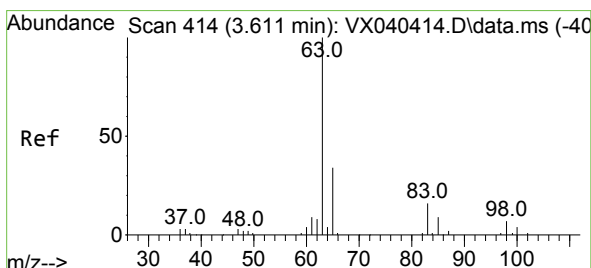
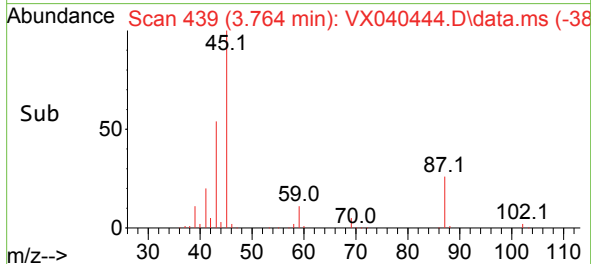
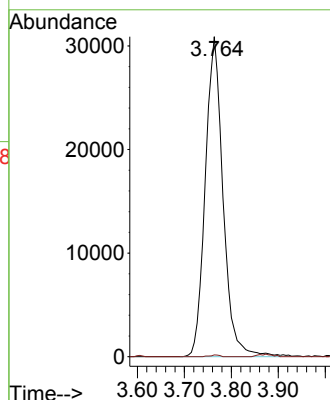
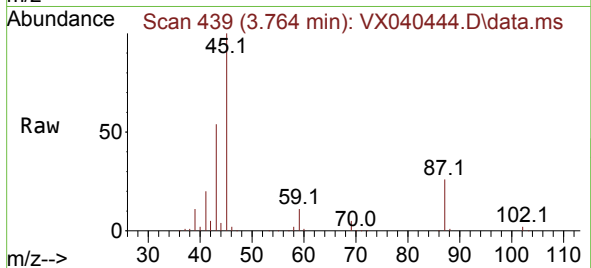




#23
Vinyl Acetate
Concen: 29.273 ug/l
RT: 3.764 min Scan# 413
Delta R.T. 0.043 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

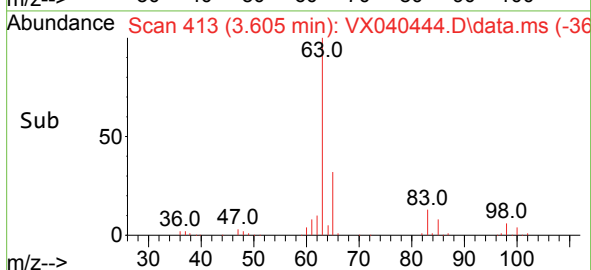
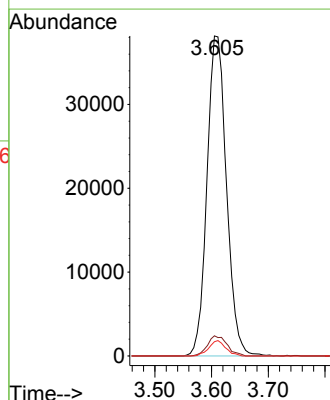
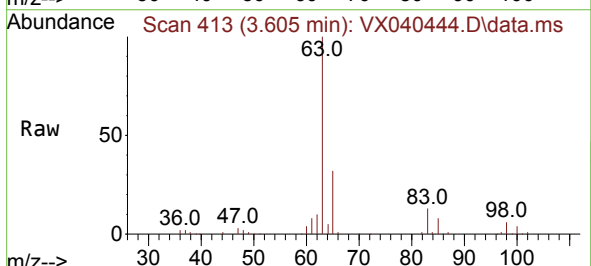
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

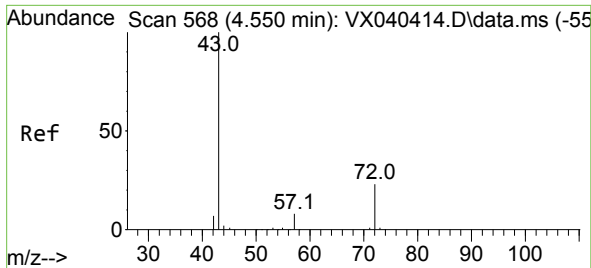
Tgt Ion: 43 Resp: 80930
Ion Ratio Lower Upper
43 100
86 0.6 7.8 11.8#



#24
1,1-Dichloroethane
Concen: 52.032 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 63 Resp: 91150
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.8
100 4.5 2.1 6.5

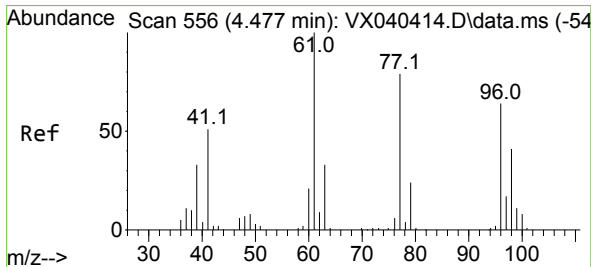
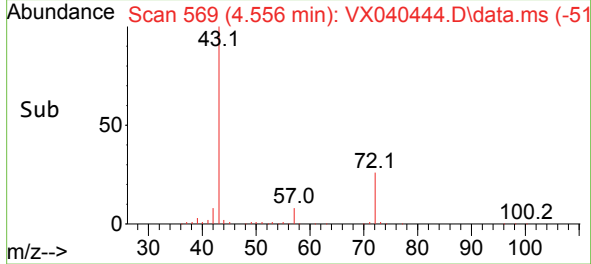
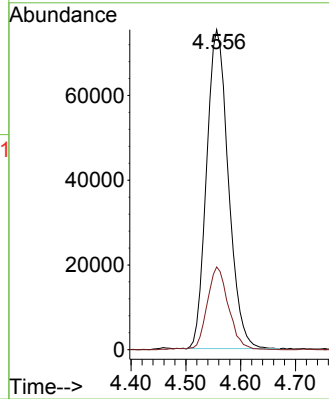
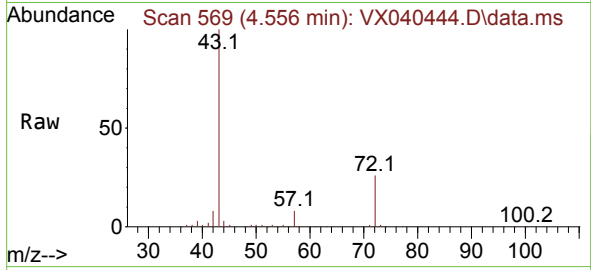




#25
2-Butanone
Concen: 261.271 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

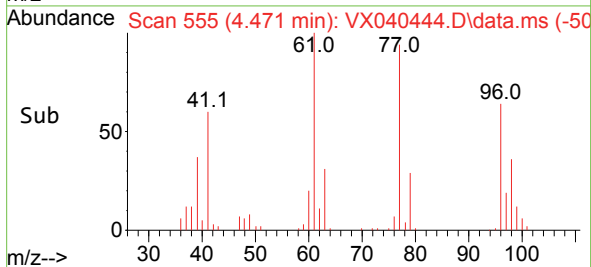
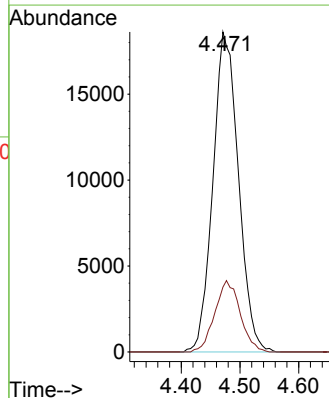
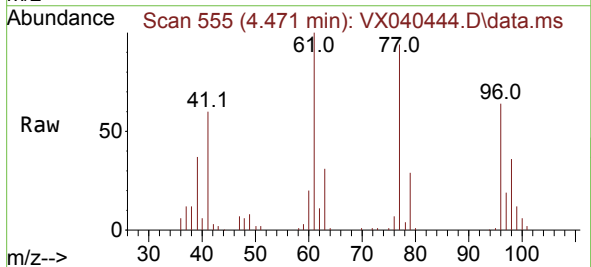
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

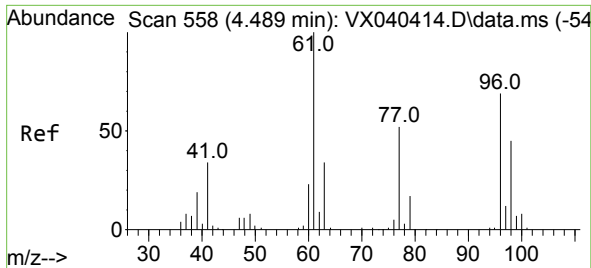
Tgt Ion: 43 Resp: 207557
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 49.076 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 77 Resp: 56115
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3



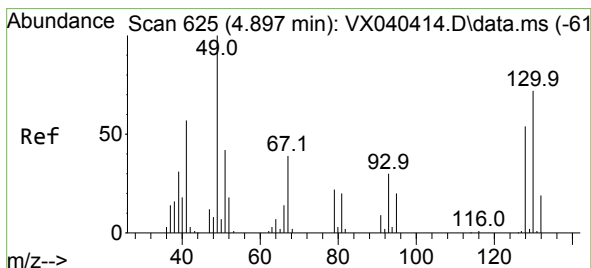
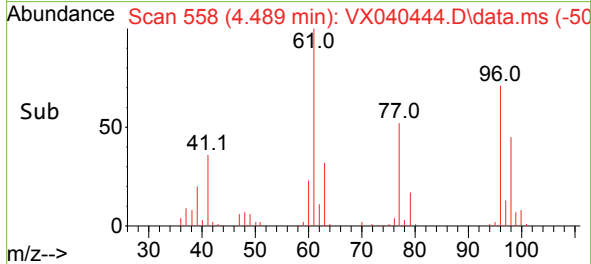
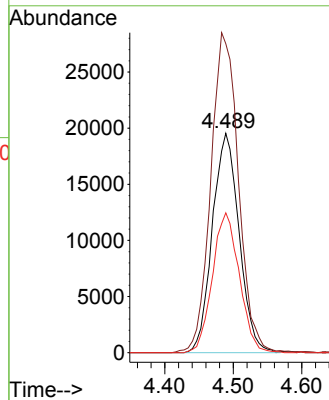
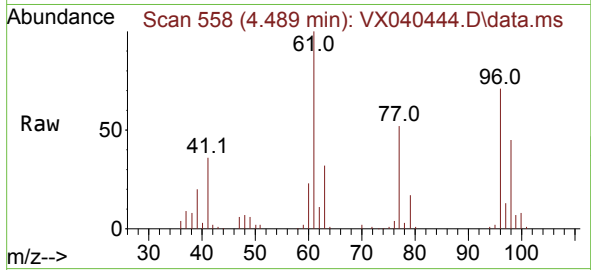


#27
 cis-1,2-Dichloroethene
 Concen: 50.698 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX040444.D
 Acq: 23 Feb 2024 20:00

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

Tgt Ion: 96 Resp: 52901

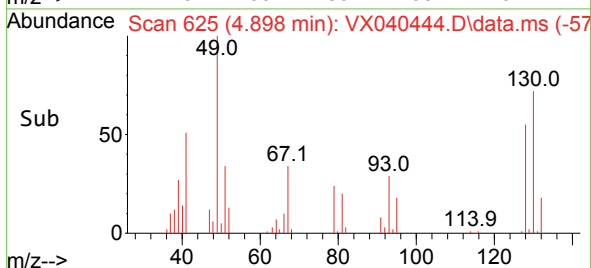
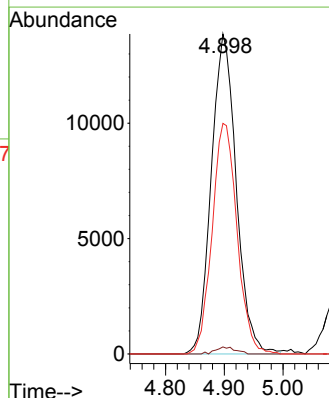
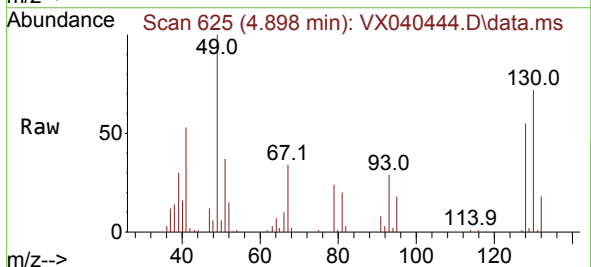
Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	312.2
98	64.2	0.0	129.0

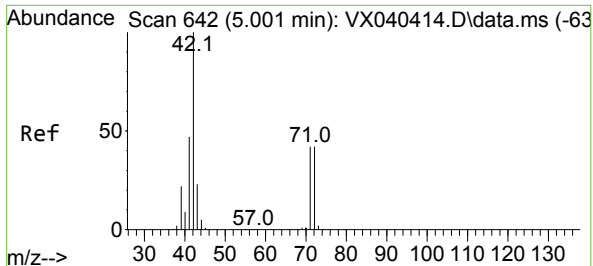


#28
 Bromochloromethane
 Concen: 49.981 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX040444.D
 Acq: 23 Feb 2024 20:00

Tgt Ion: 49 Resp: 40839

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	72.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 267.299 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

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

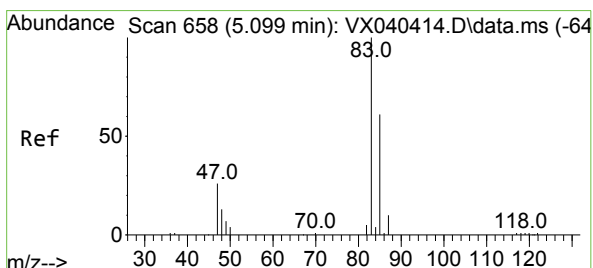
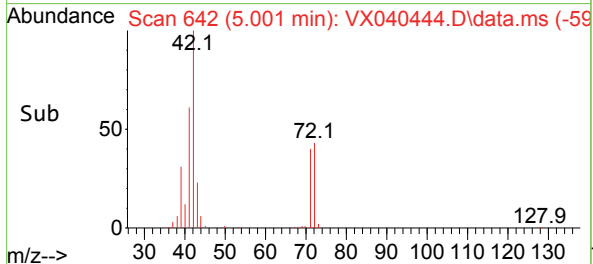
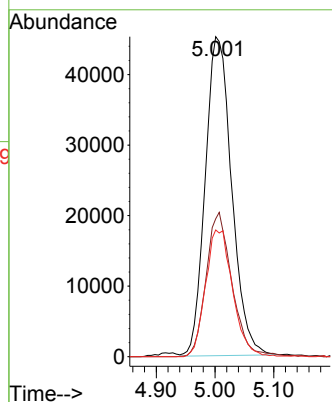
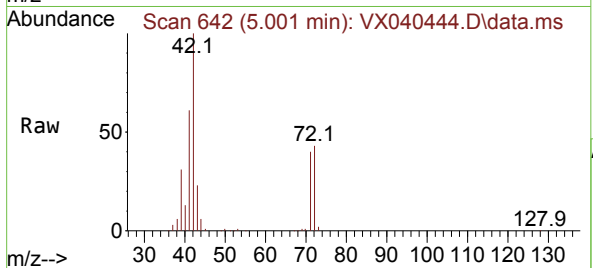
Tgt Ion: 42 Resp: 141355

Ion Ratio Lower Upper

42 100

72 44.4 34.2 51.4

71 40.8 32.2 48.2



#30

Chloroform

Concen: 50.132 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040444.D

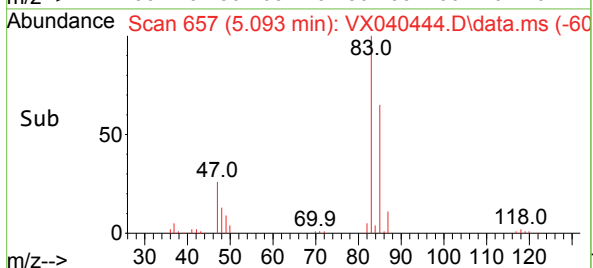
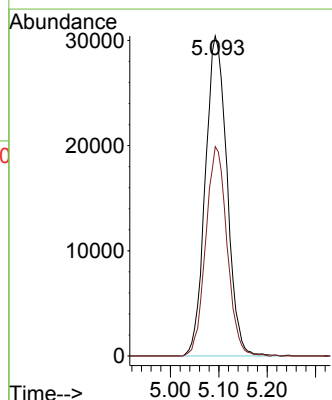
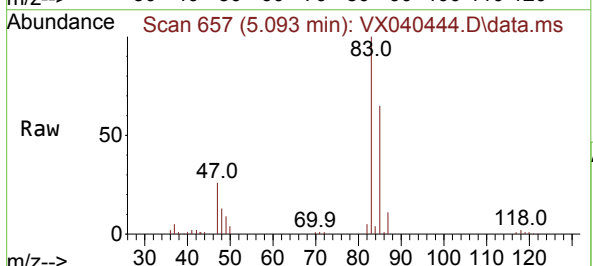
Acq: 23 Feb 2024 20:00

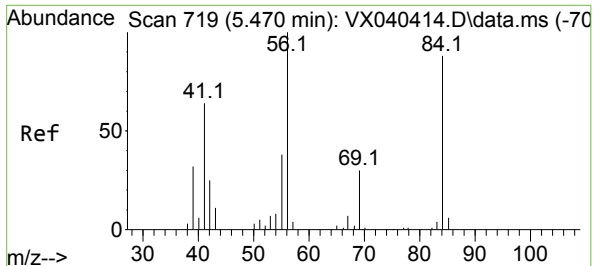
Tgt Ion: 83 Resp: 94654

Ion Ratio Lower Upper

83 100

85 65.4 50.3 75.5





#31

Cyclohexane

Concen: 44.540 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX040444.D

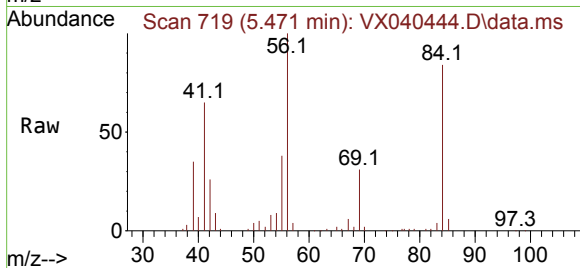
Acq: 23 Feb 2024 20:00

Instrument :

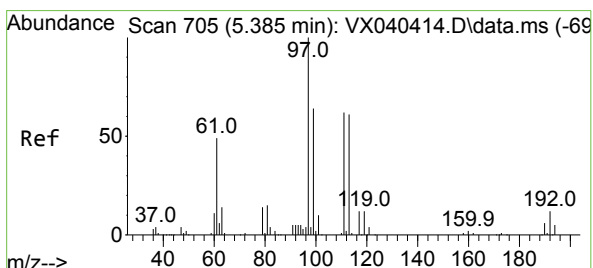
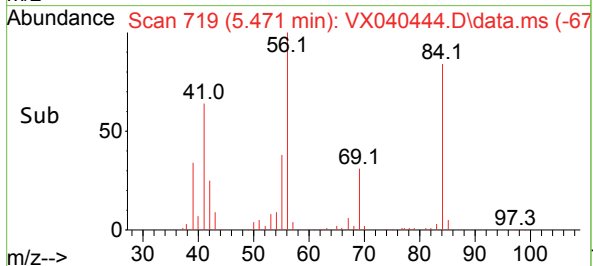
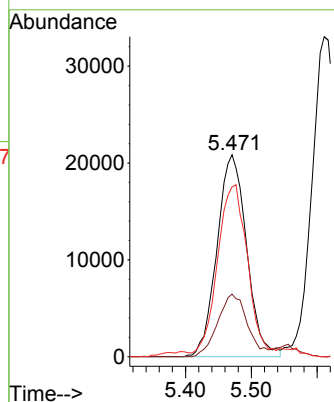
MSVOA_X

ClientSampleId :

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Tgt Ion:	56	Resp:	65303
Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.4	35.2
84	81.6	65.9	98.9



#32

1,1,1-Trichloroethane

Concen: 50.691 ug/l

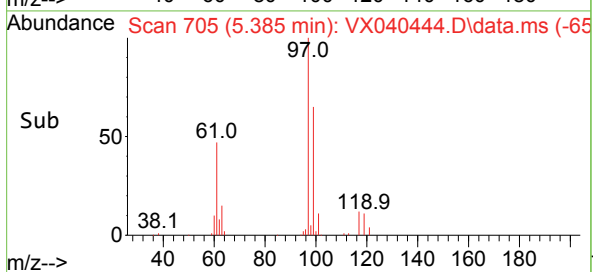
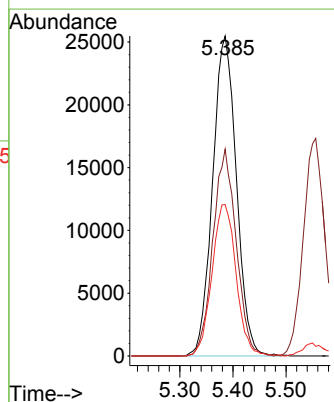
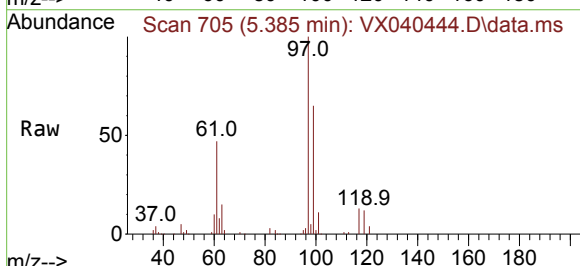
RT: 5.385 min Scan# 705

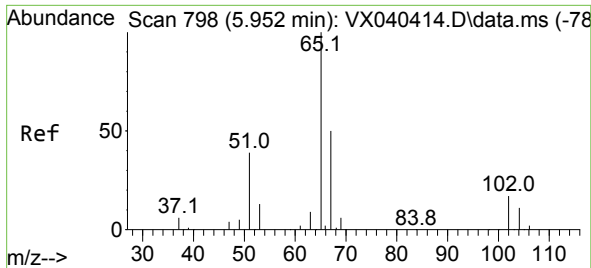
Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Tgt Ion:	97	Resp:	79234
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.1	76.7
61	48.2	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 50.803 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

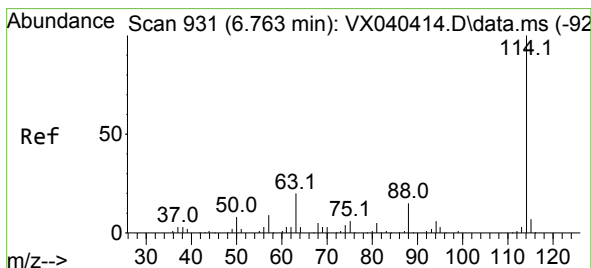
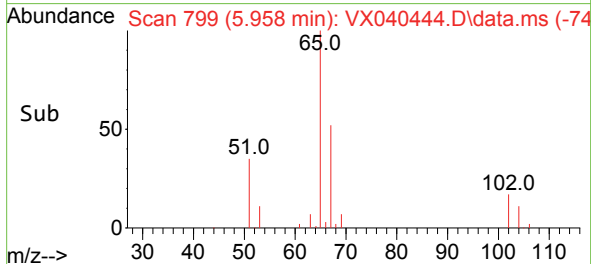
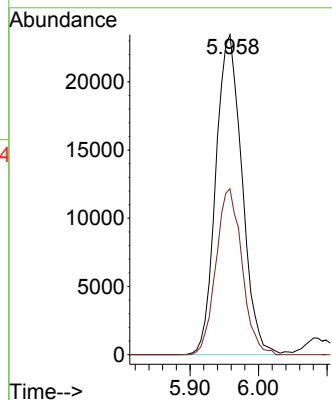
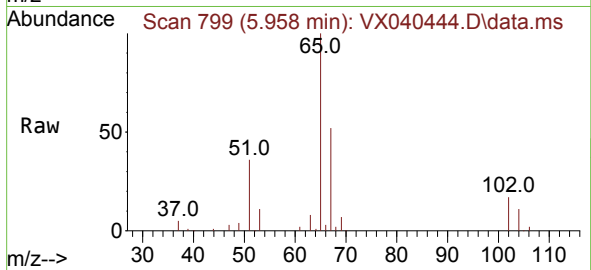
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 65 Resp: 62128

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

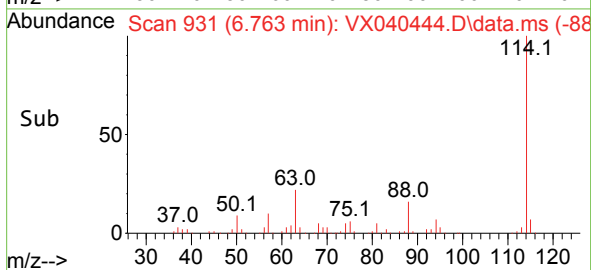
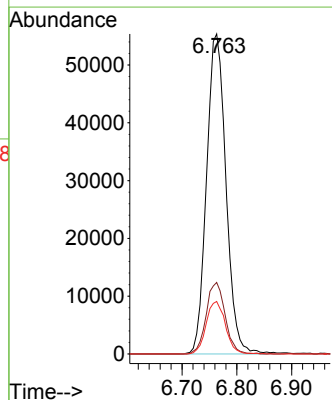
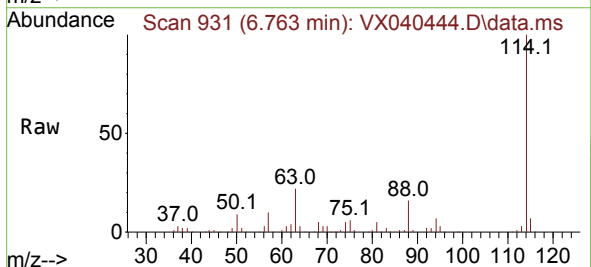
Tgt Ion: 114 Resp: 136037

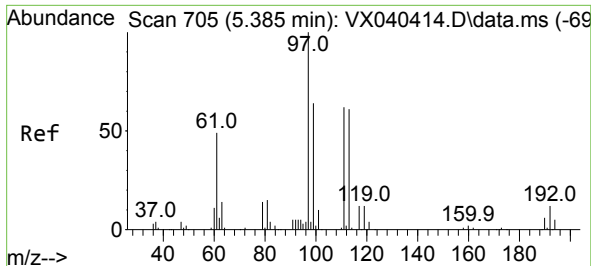
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.4 0.0 36.6

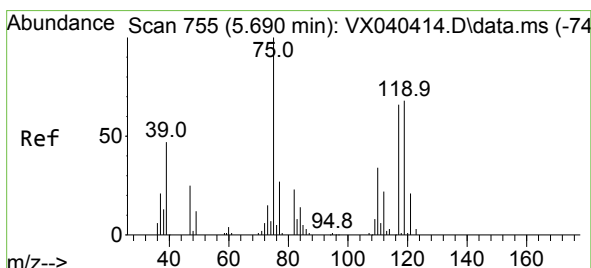
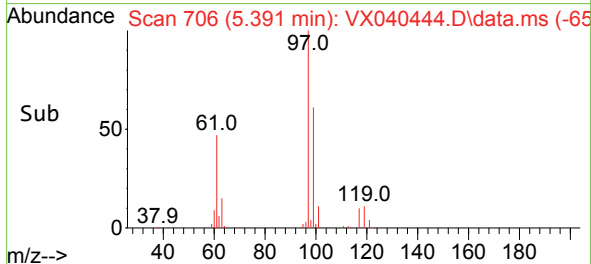
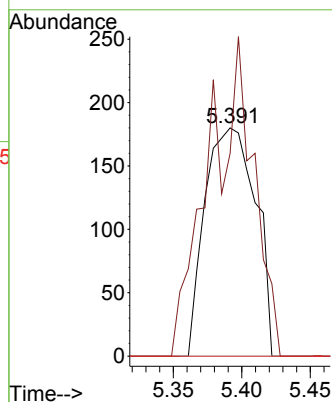
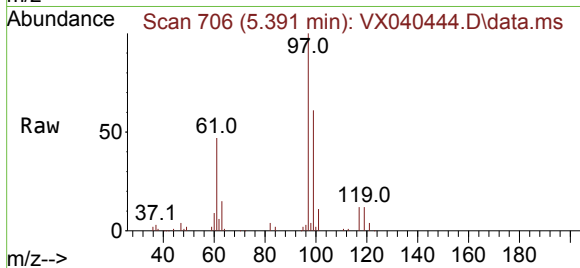




#35
Dibromofluoromethane
Concen: 0.505 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

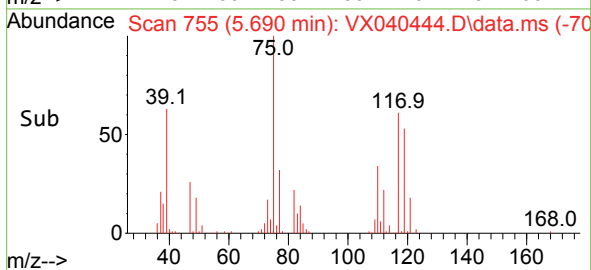
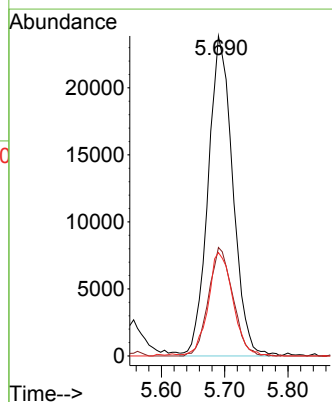
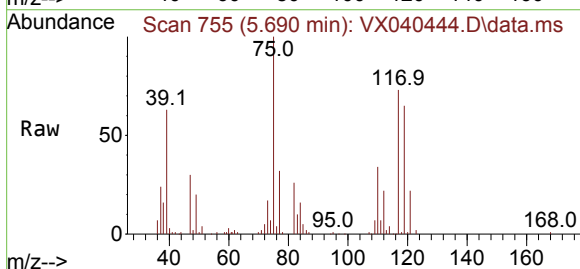
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

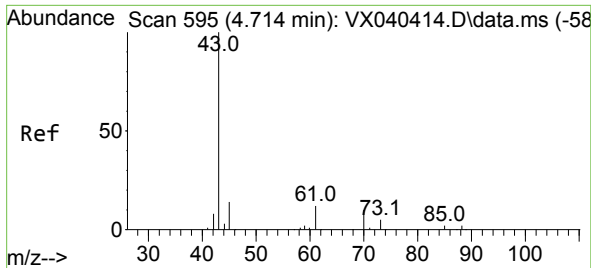
Tgt Ion:113 Resp: 463
Ion Ratio Lower Upper
113 100
111 55.3 82.9 124.3#
192 0.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 45.550 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 75 Resp: 64623
Ion Ratio Lower Upper
75 100
110 33.3 17.0 50.9
77 32.4 24.7 37.1





#37

Ethyl Acetate

Concen: 128.050 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.158 min

Lab File: VX040444.D

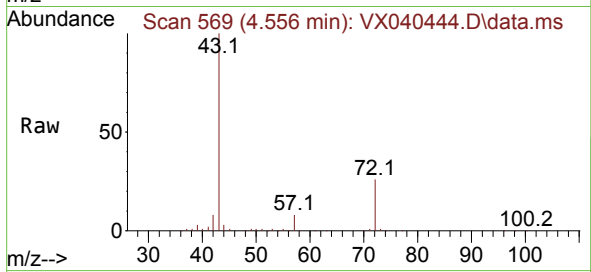
Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

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



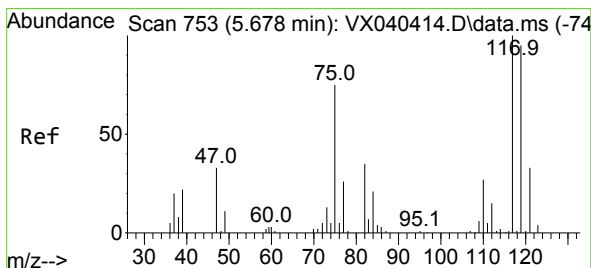
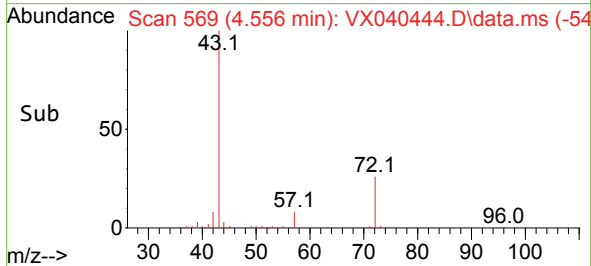
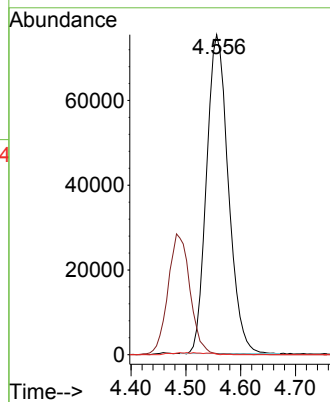
Tgt Ion: 43 Resp: 207557

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 46.982 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

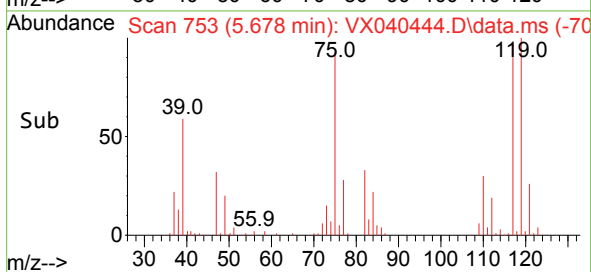
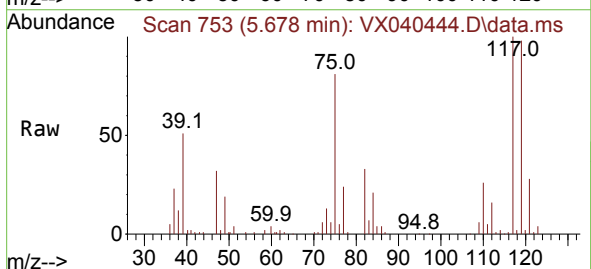
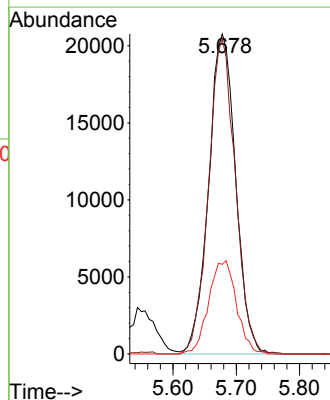
Tgt Ion: 117 Resp: 61669

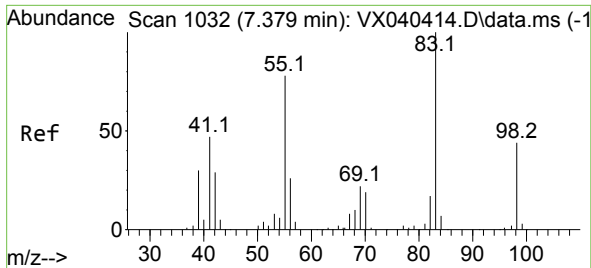
Ion Ratio Lower Upper

117 100

119 98.5 78.2 117.2

121 28.0 24.4 36.6

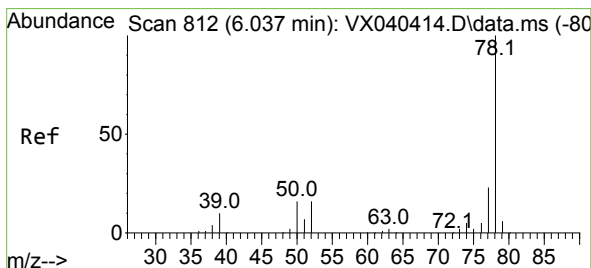
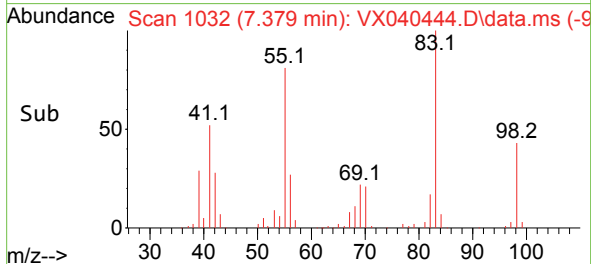
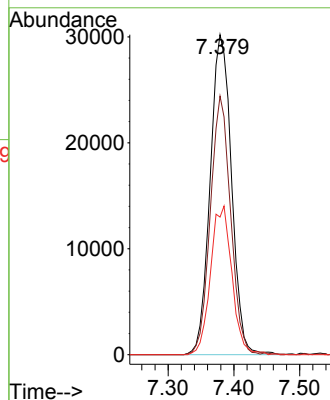
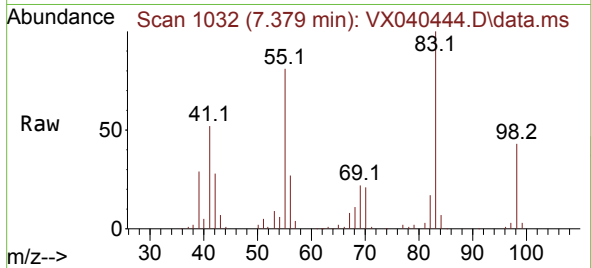




#39
Methylcyclohexane
Concen: 45.379 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

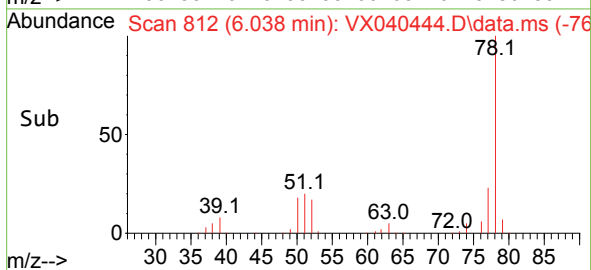
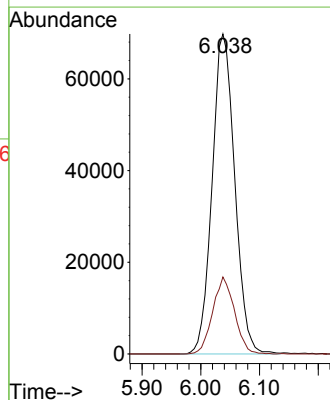
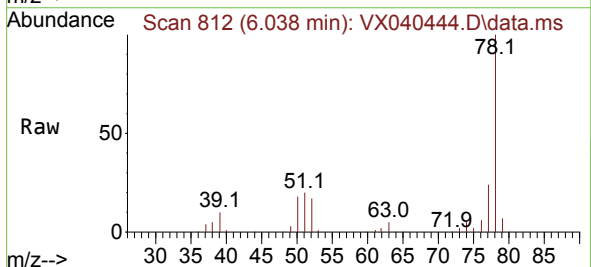
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

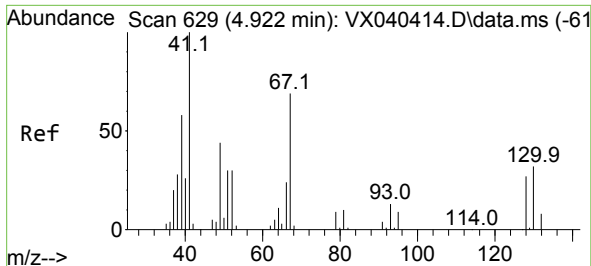
Tgt Ion: 83 Resp: 68231
Ion Ratio Lower Upper
83 100
55 80.8 64.6 97.0
98 43.0 36.7 55.1



#40
Benzene
Concen: 48.349 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 78 Resp: 186605
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

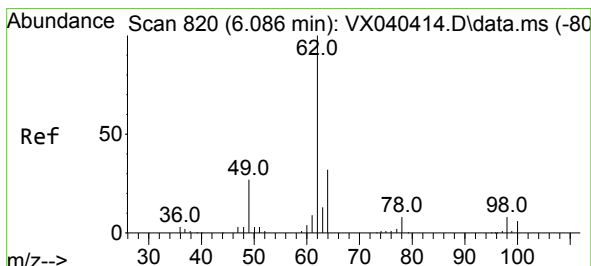
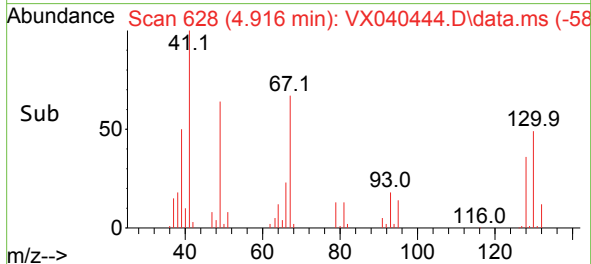
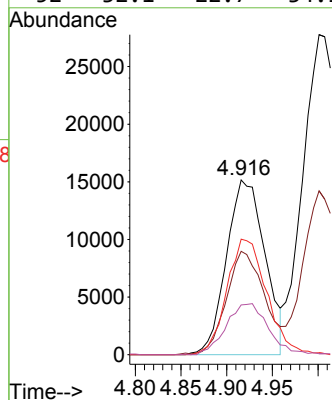
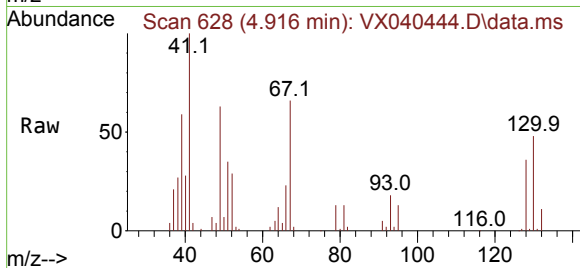




#41
Methacrylonitrile
Concen: 51.687 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

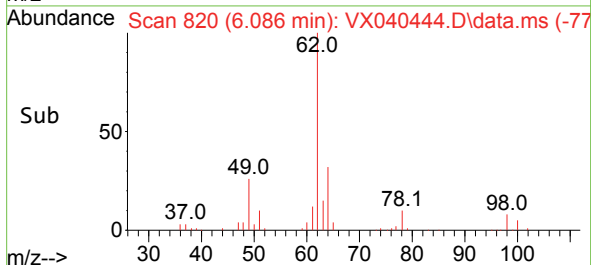
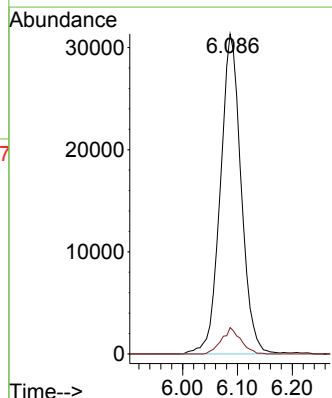
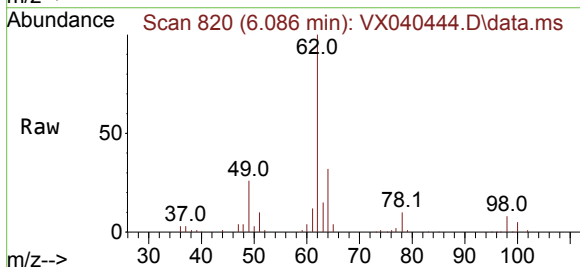
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

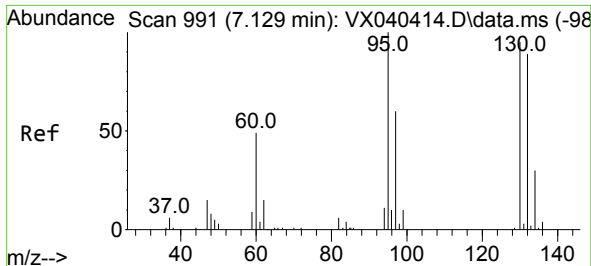
Tgt Ion:	41	Resp:	44487
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.2	67.8
67	68.4	52.6	78.8
52	32.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 51.521 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:	62	Resp:	82640
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.0

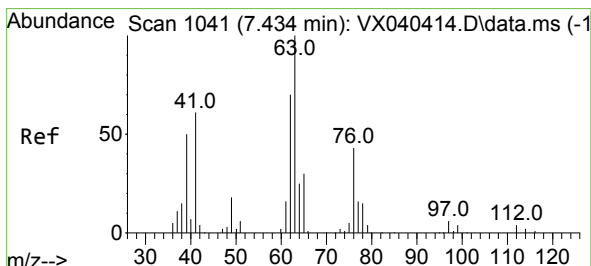
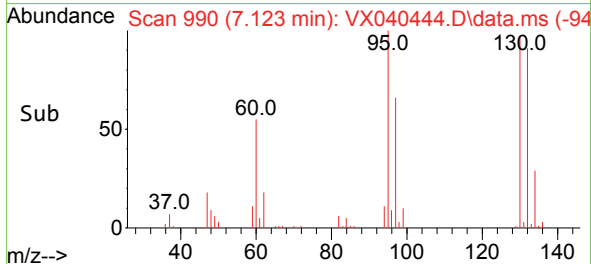
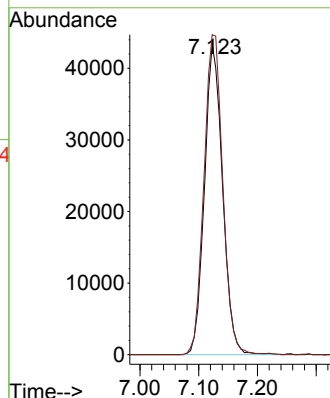
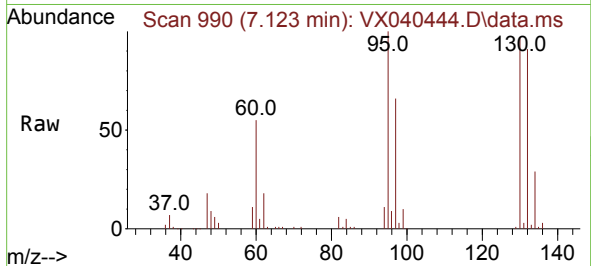




#44
Trichloroethene
Concen: 91.868 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

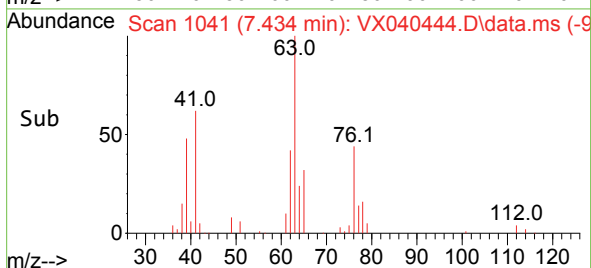
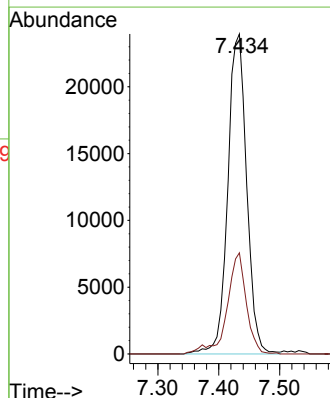
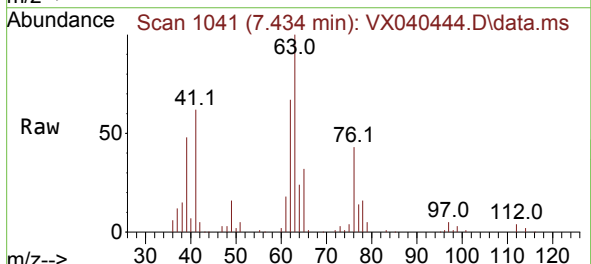
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

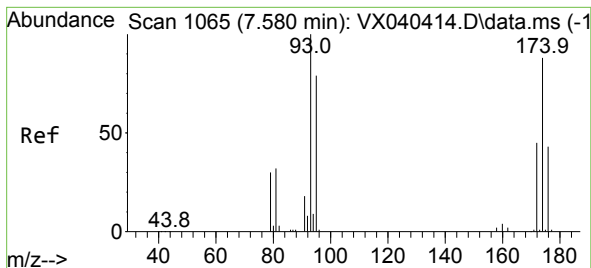
Tgt Ion:130 Resp: 92734
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.4



#45
1,2-Dichloropropane
Concen: 50.100 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 63 Resp: 51604
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5





#46

Dibromomethane

Concen: 50.329 ug/l

RT: 7.580 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

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

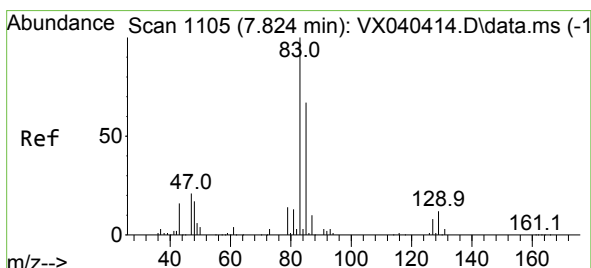
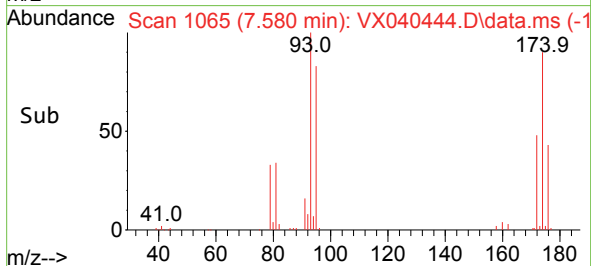
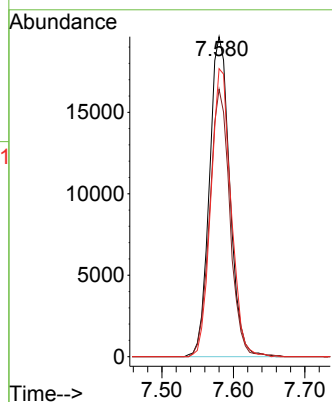
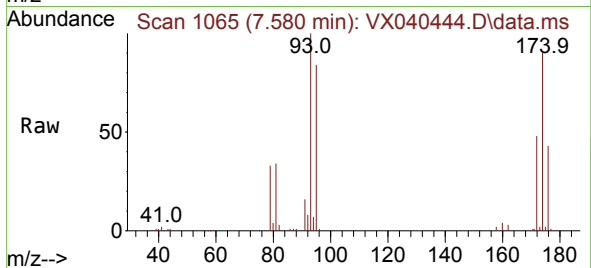
Tgt Ion: 93 Resp: 38893

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 88.9 69.4 104.0



#47

Bromodichloromethane

Concen: 26.295 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

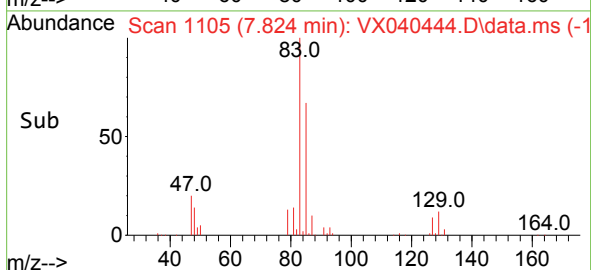
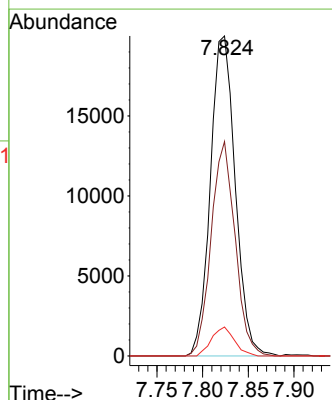
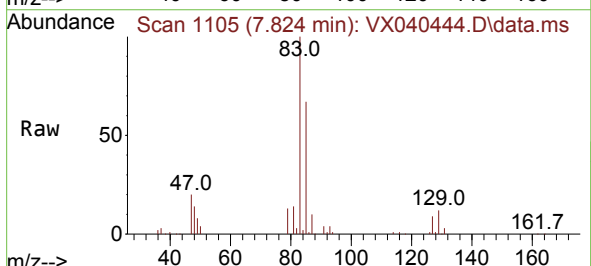
Tgt Ion: 83 Resp: 37818

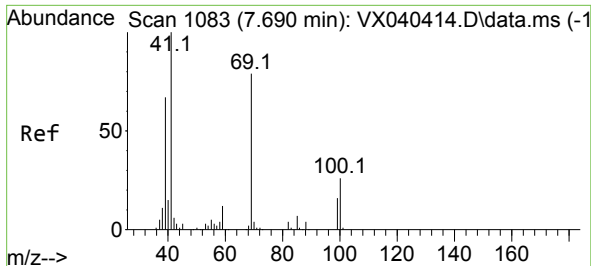
Ion Ratio Lower Upper

83 100

85 67.0 49.8 74.6

127 9.0 7.1 10.7

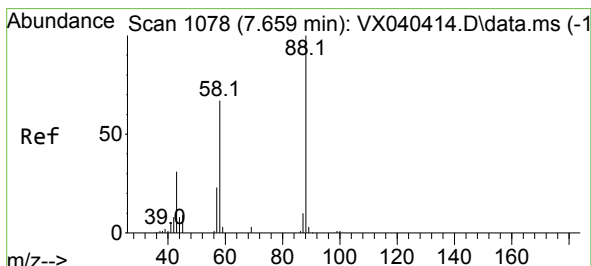
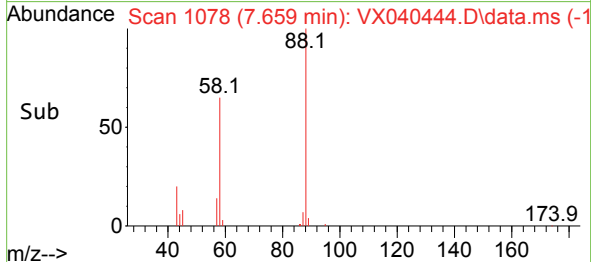
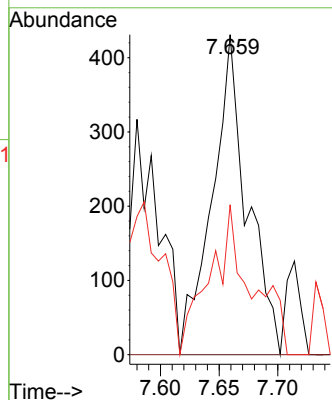
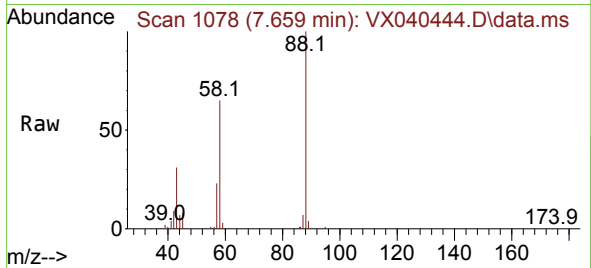




#48
Methyl methacrylate
Concen: 0.726 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.030 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

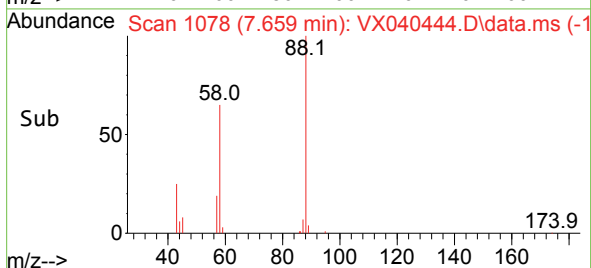
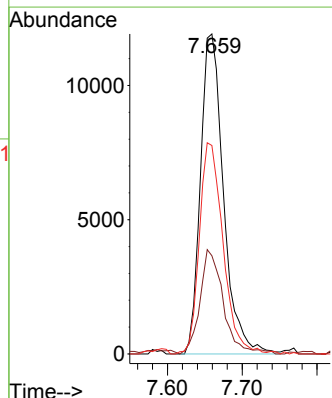
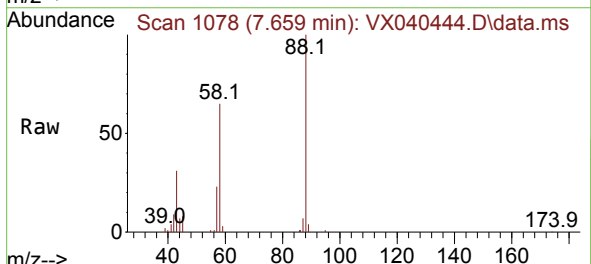
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

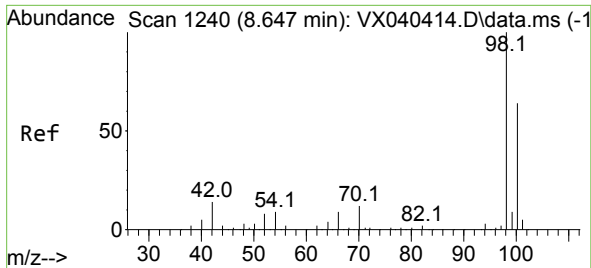
Tgt Ion: 41 Resp: 894
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#



#49
1,4-Dioxane
Concen: 1028.163 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 88 Resp: 25526
Ion Ratio Lower Upper
88 100
43 32.9 0.0 0.0#
58 67.6 60.1 90.1

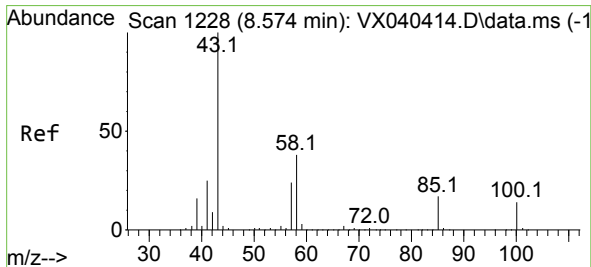
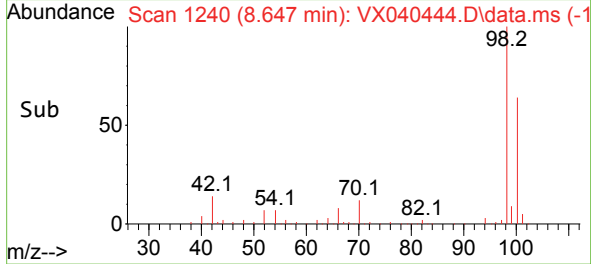
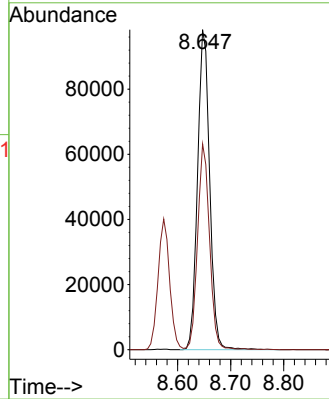
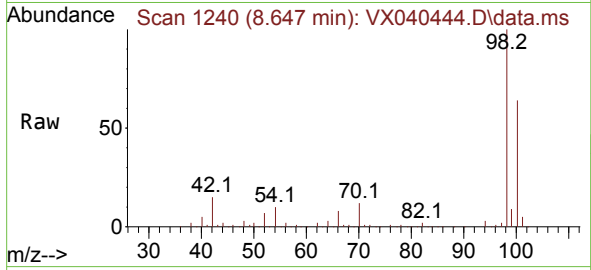




#50
Toluene-d8
Concen: 47.053 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

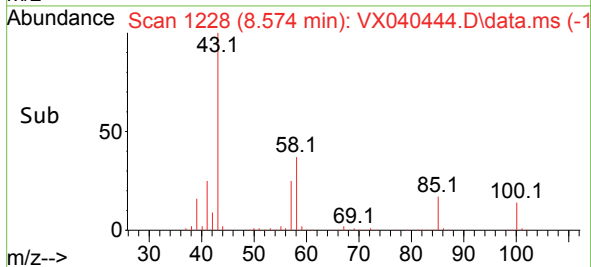
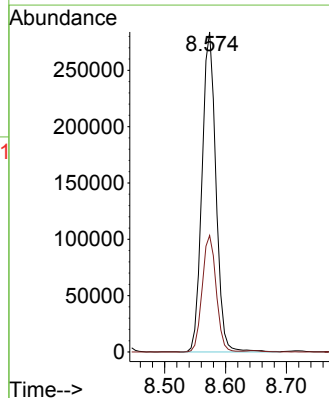
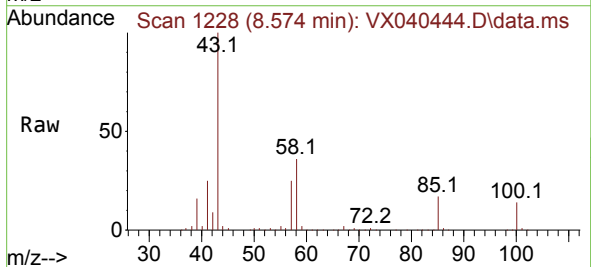
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

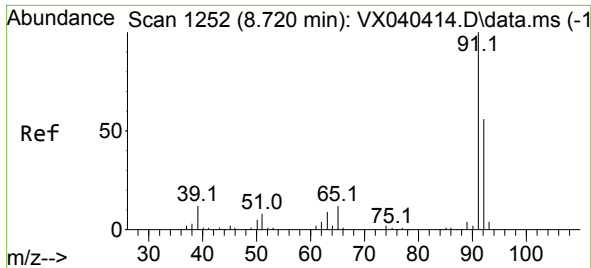
Tgt Ion: 98 Resp: 155806
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 267.495 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 43 Resp: 451856
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

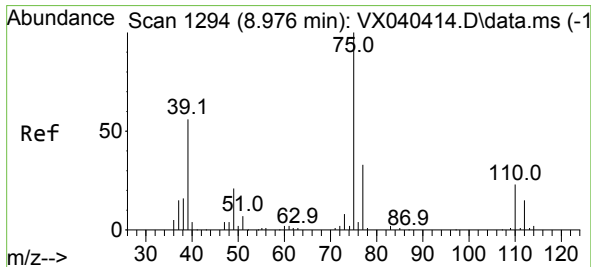
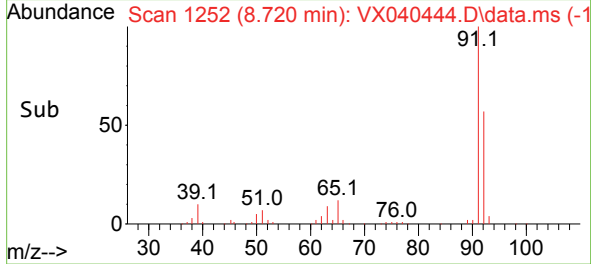
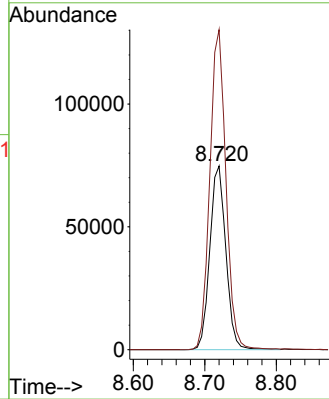
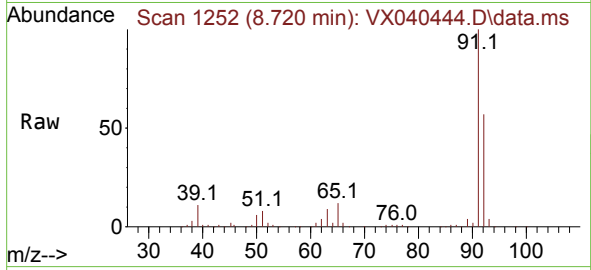




#52
Toluene
Concen: 49.184 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

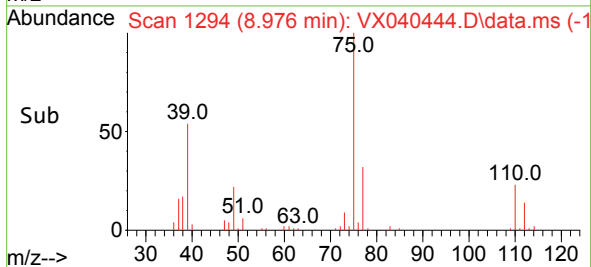
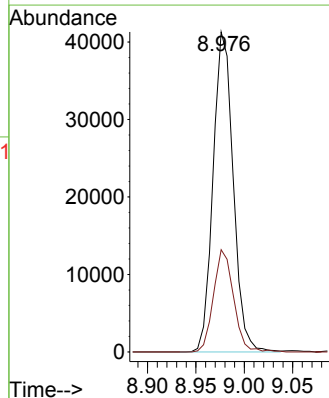
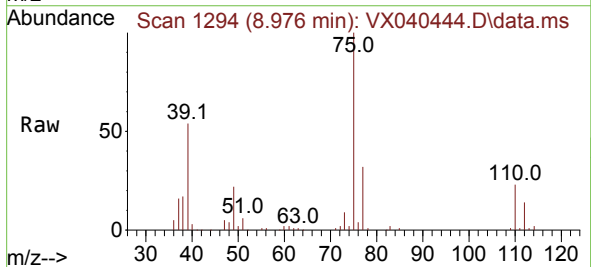
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

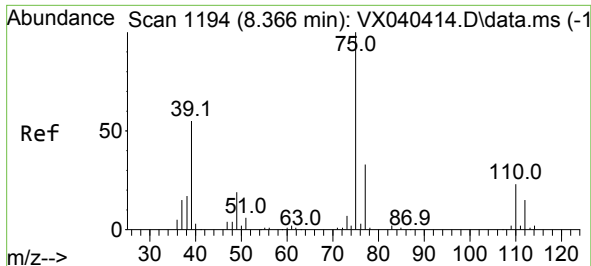
Tgt Ion: 92 Resp: 116332
Ion Ratio Lower Upper
92 100
91 175.3 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 41.216 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 75 Resp: 59762
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

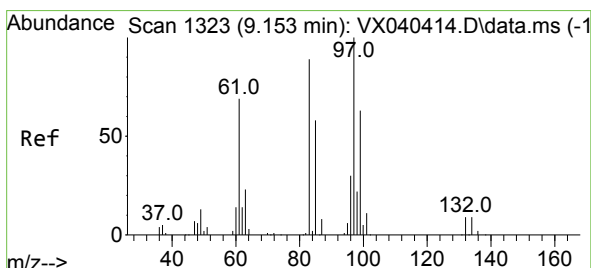
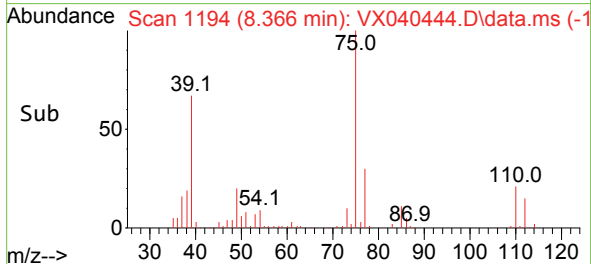
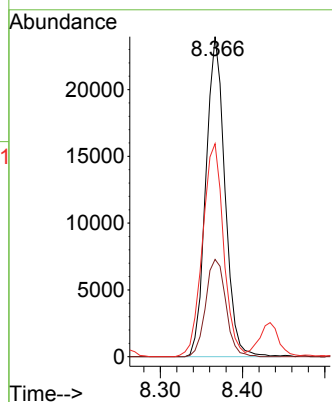
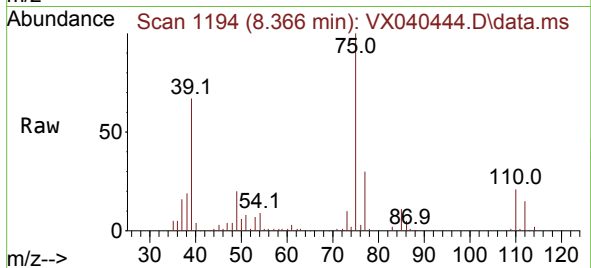




#54
 cis-1,3-Dichloropropene
 Concen: 24.954 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040444.D
 Acq: 23 Feb 2024 20:00

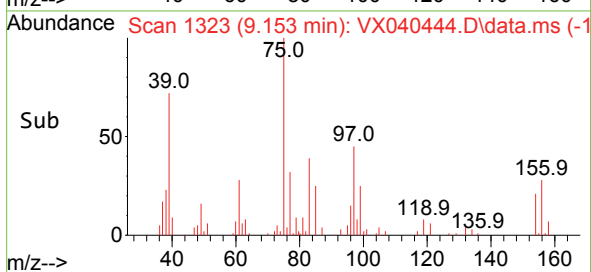
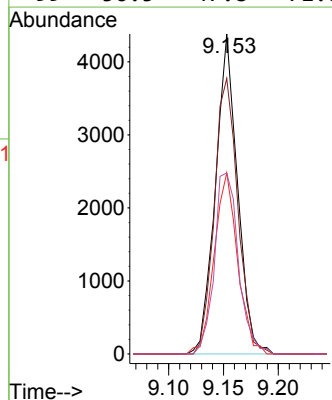
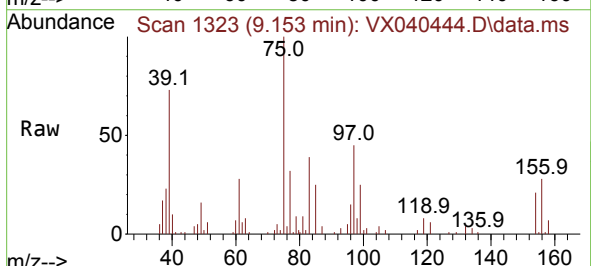
Instrument : MSVOA_X
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

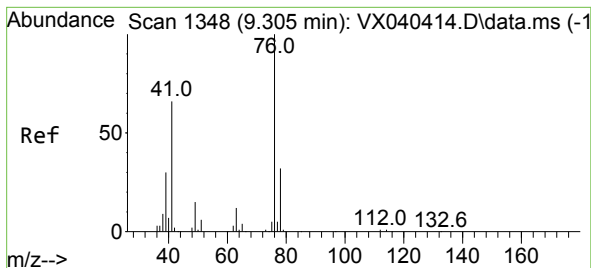
Tgt Ion:	75	Resp:	38545
Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.3	37.9
39	66.1	46.7	70.1



#55
 1,1,2-Trichloroethane
 Concen: 6.056 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX040444.D
 Acq: 23 Feb 2024 20:00

Tgt Ion:	97	Resp:	6133
Ion	Ratio	Lower	Upper
97	100		
83	86.1	65.8	98.8
85	56.6	41.6	62.4
99	56.5	47.8	71.8





#57

1,3-Dichloropropane

Concen: 48.971 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

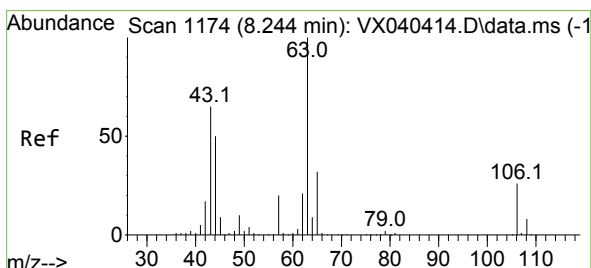
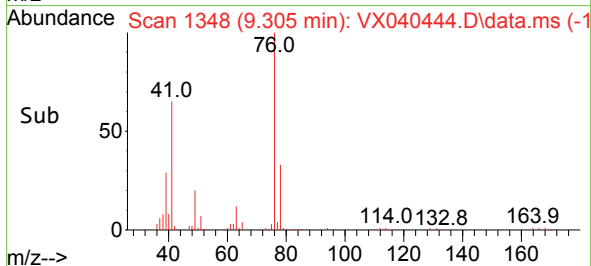
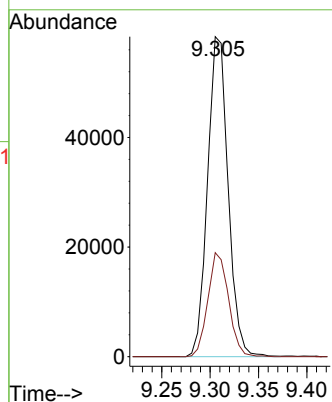
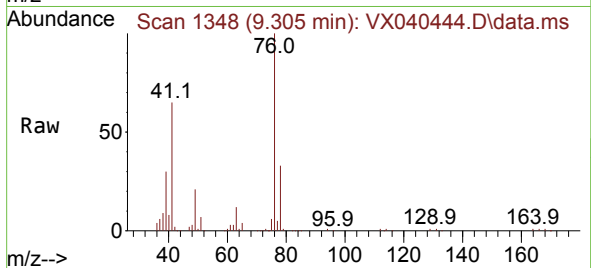
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 76 Resp: 86399

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 280.488 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040444.D

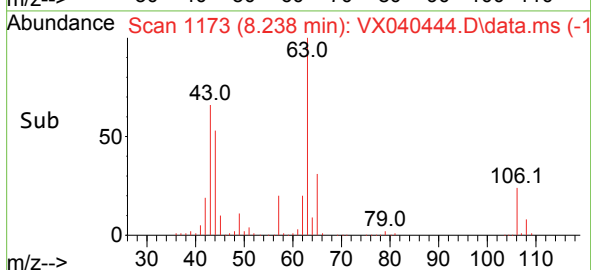
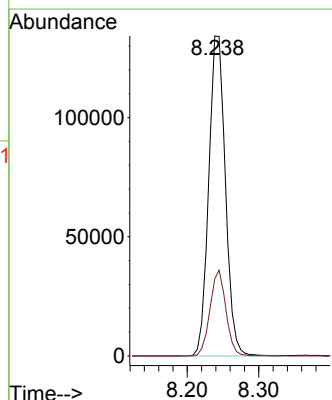
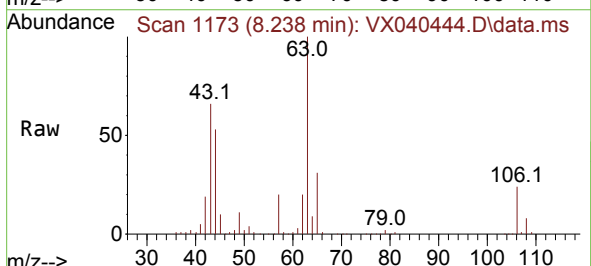
Acq: 23 Feb 2024 20:00

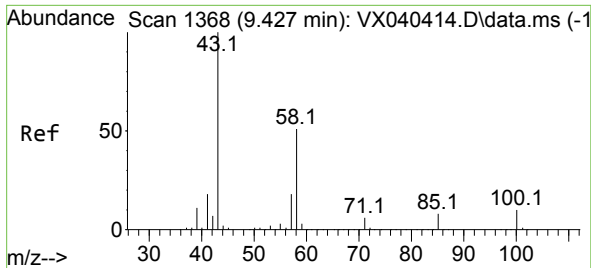
Tgt Ion: 63 Resp: 217636

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7

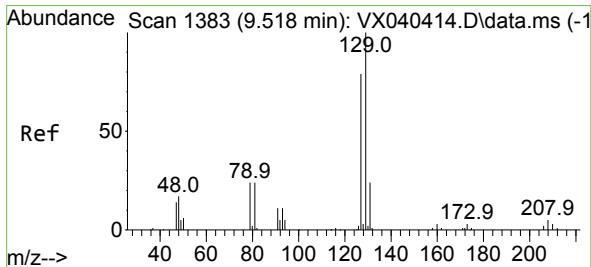
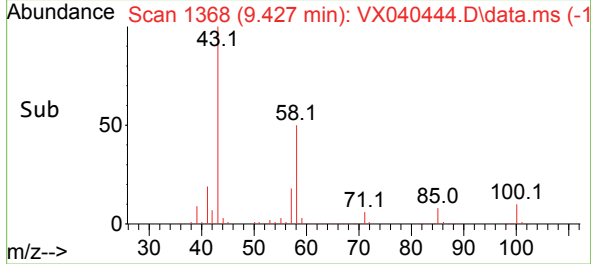
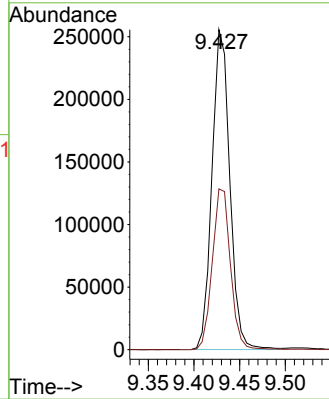
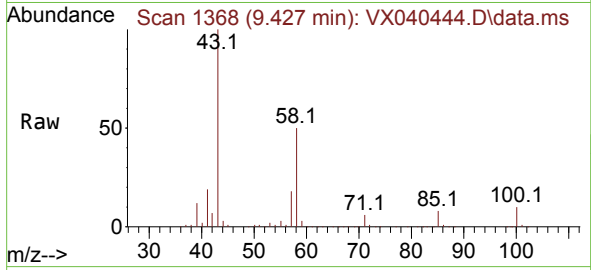




#59
2-Hexanone
Concen: 265.312 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

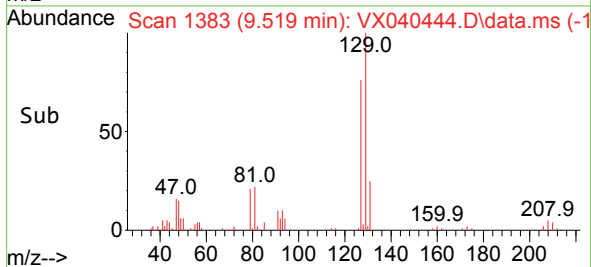
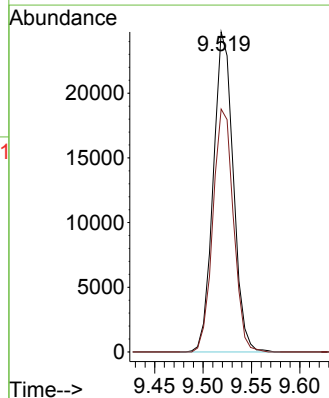
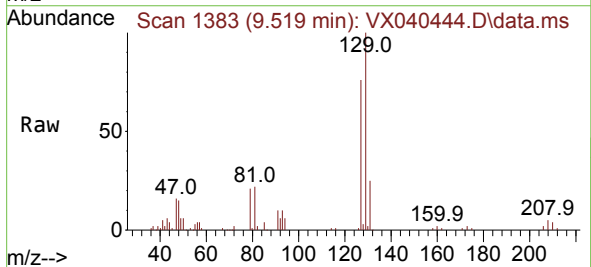
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

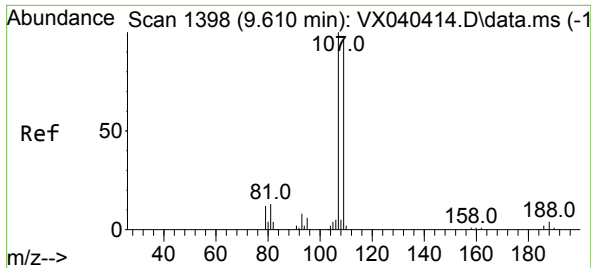
Tgt Ion: 43 Resp: 345645
Ion Ratio Lower Upper
43 100
58 51.5 26.2 78.5



#60
Dibromochloromethane
Concen: 34.999 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:129 Resp: 35543
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

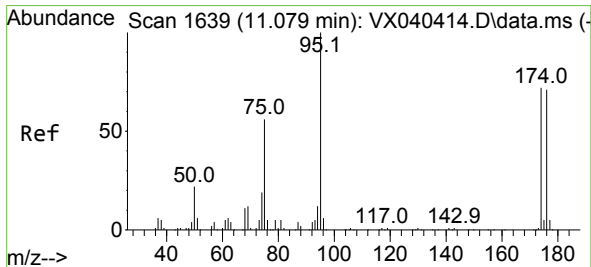
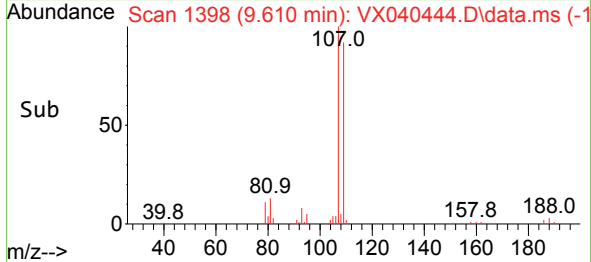
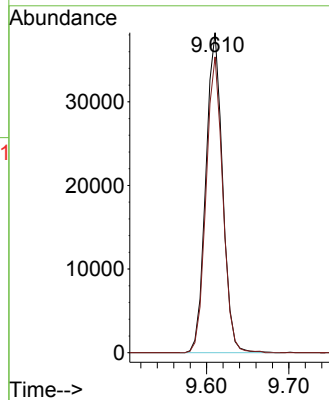
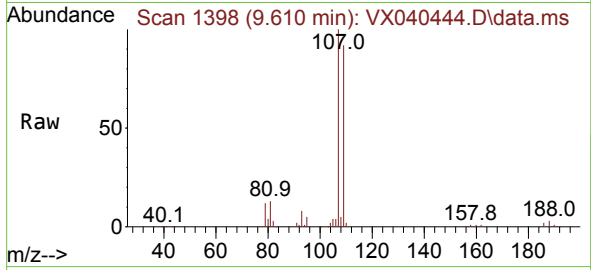




#61
1,2-Dibromoethane
Concen: 49.649 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

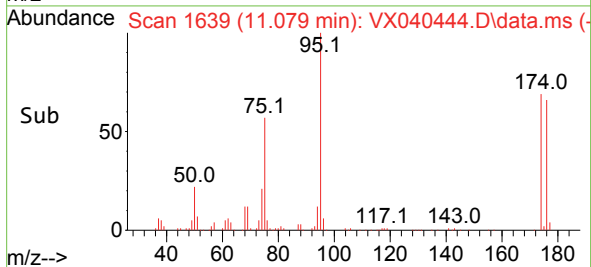
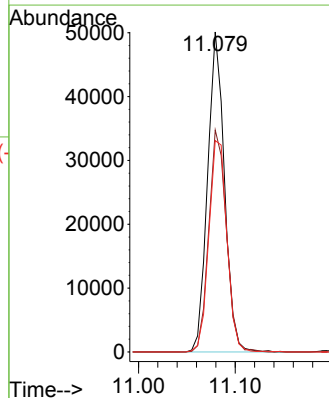
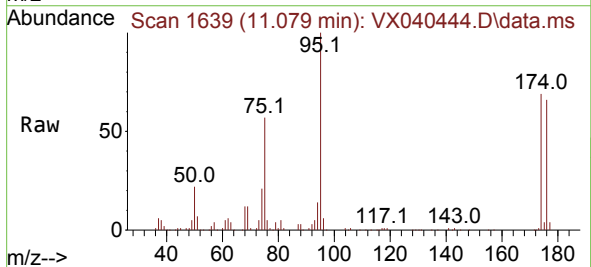
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

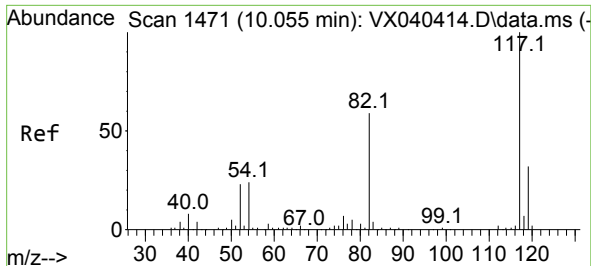
Tgt Ion:107 Resp: 54044
Ion Ratio Lower Upper
107 100
109 92.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 45.867 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 95 Resp: 60860
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.8 0.0 131.0

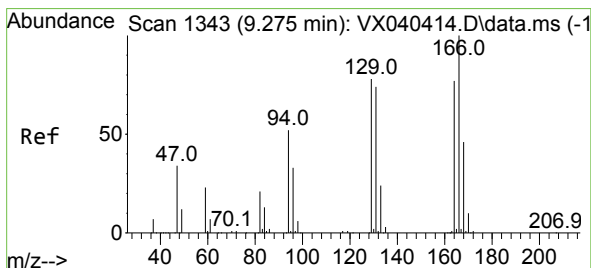
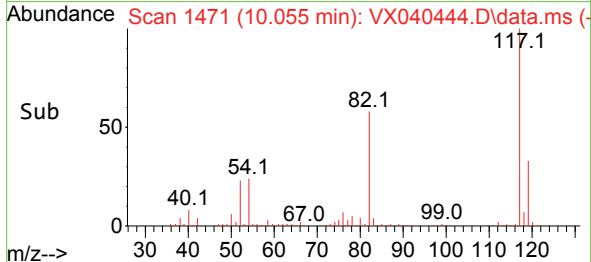
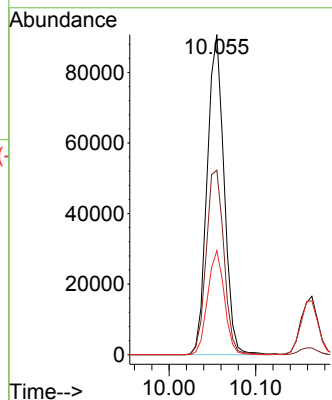
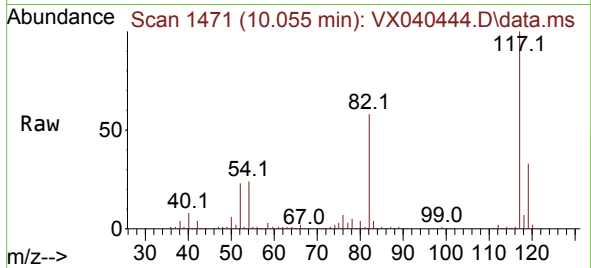




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

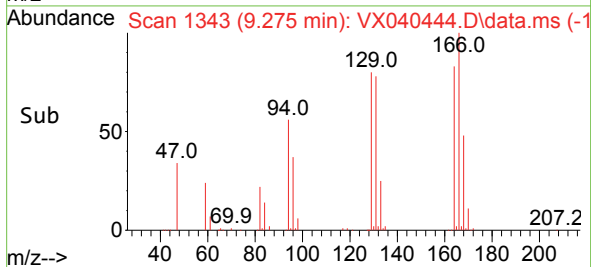
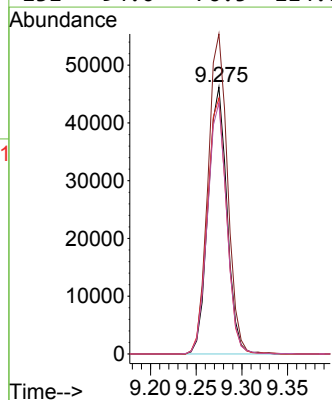
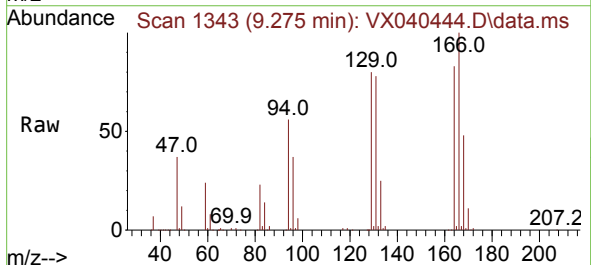
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

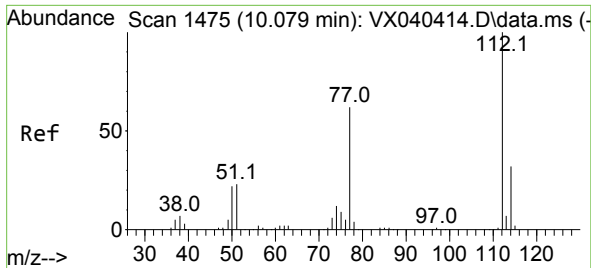
Tgt Ion:117 Resp: 123147
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 73.346 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:164 Resp: 66110
Ion Ratio Lower Upper
164 100
166 119.9 102.7 154.1
129 95.8 80.4 120.6
131 94.0 76.5 114.7

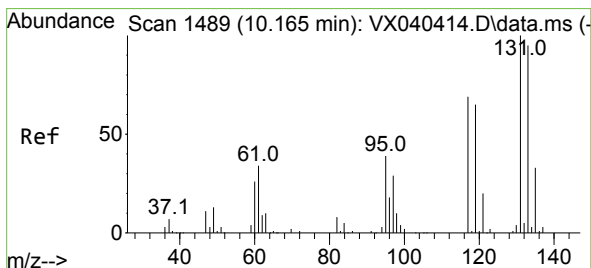
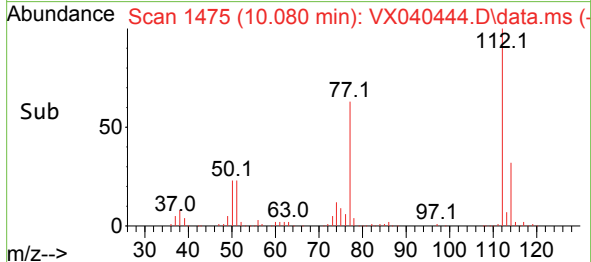
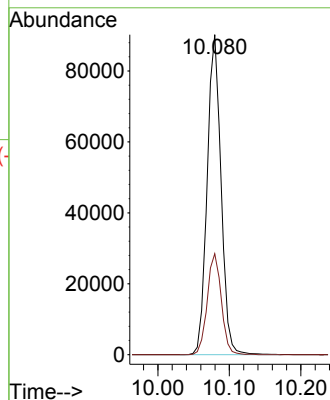
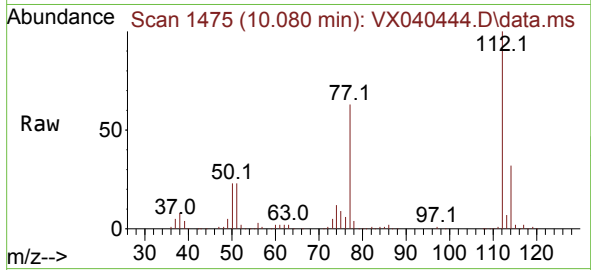




#65
Chlorobenzene
Concen: 49.043 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

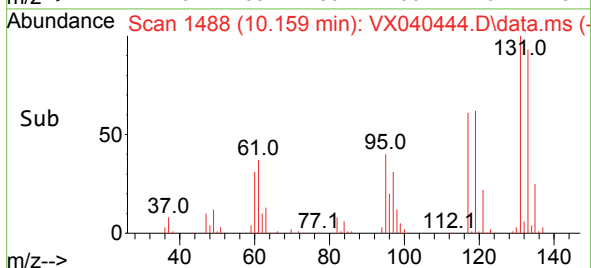
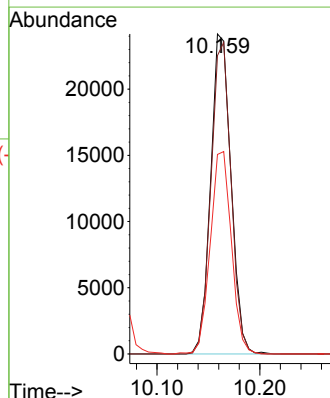
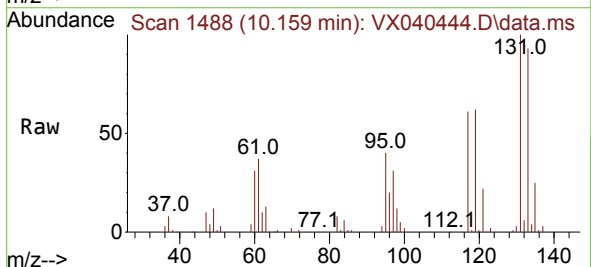
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

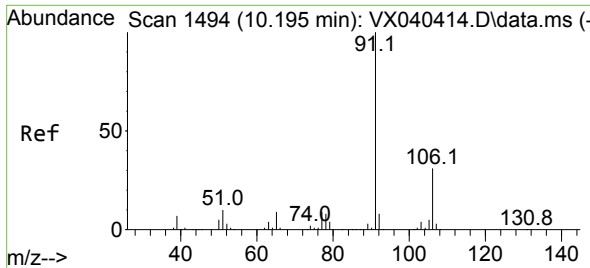
Tgt Ion:112 Resp: 121630
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 38.265 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:131 Resp: 33187
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 65.7 32.2 96.6

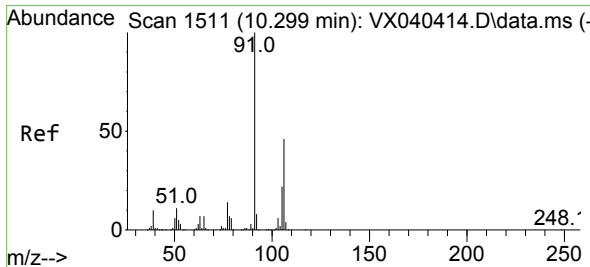
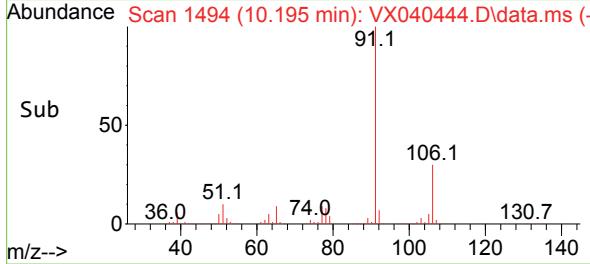
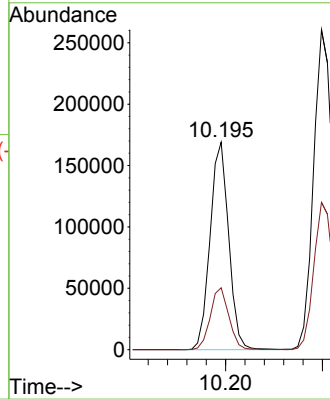
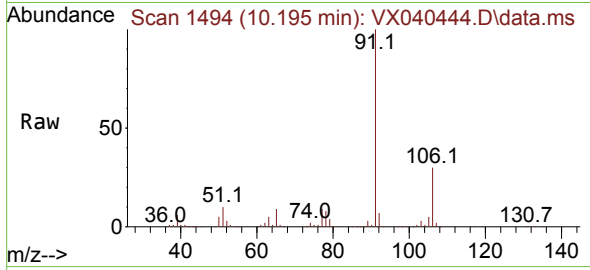




#67
Ethyl Benzene
Concen: 48.566 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

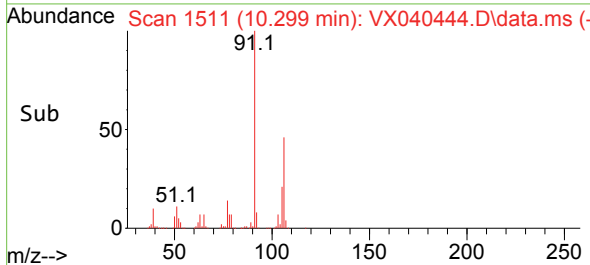
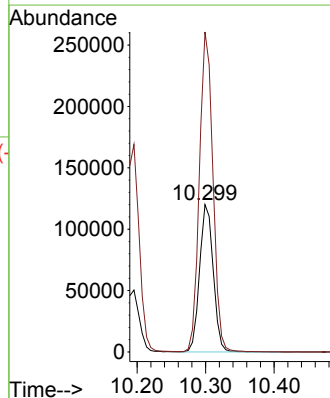
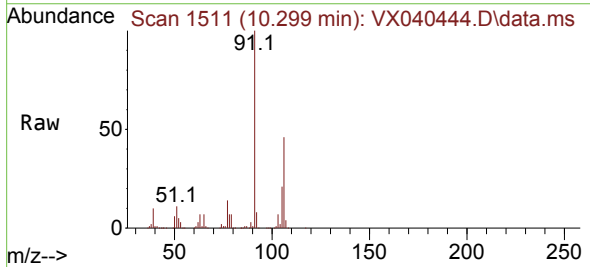
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

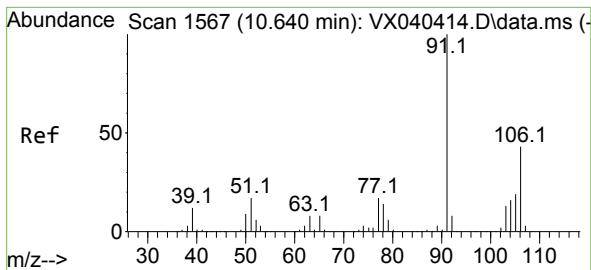
Tgt Ion: 91 Resp: 225949
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3



#68
m/p-Xylenes
Concen: 98.468 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 106 Resp: 167046
Ion Ratio Lower Upper
106 100
91 215.5 165.5 248.3

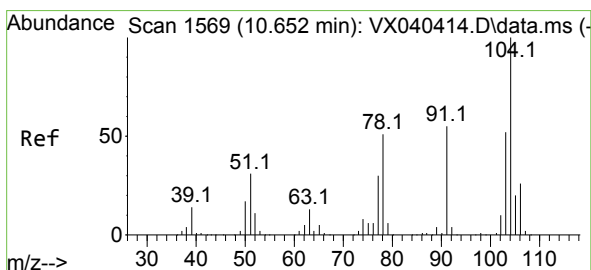
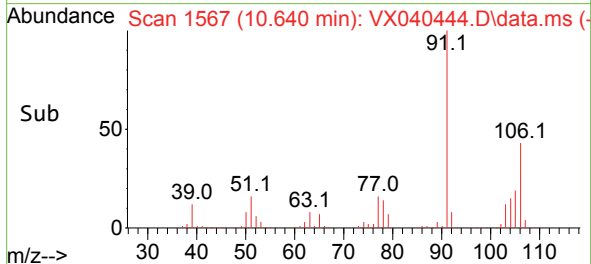
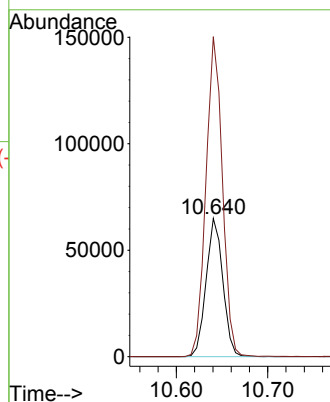
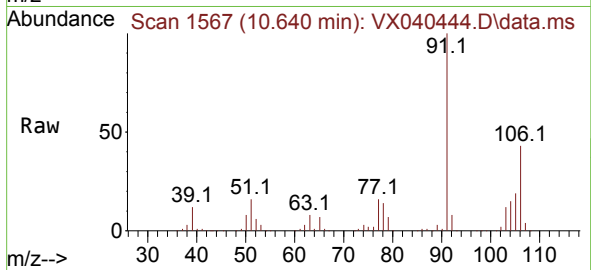




#69
o-Xylene
Concen: 49.083 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

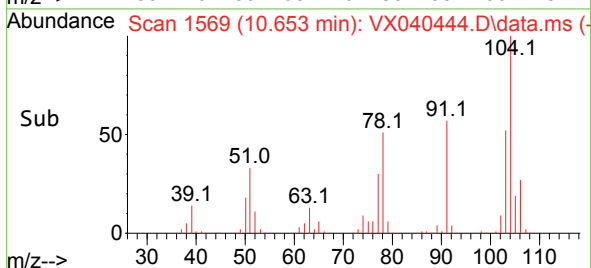
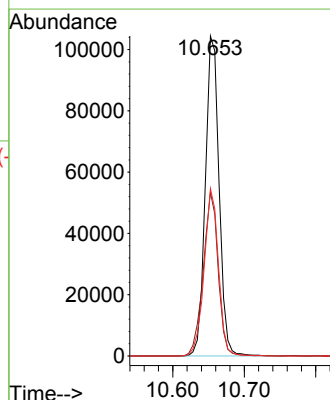
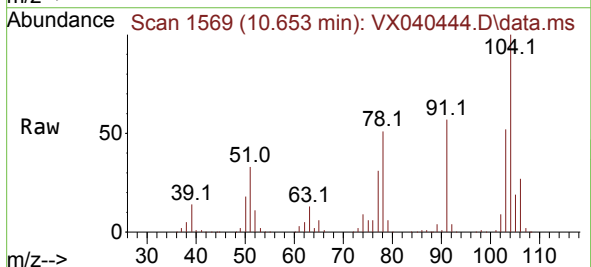
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

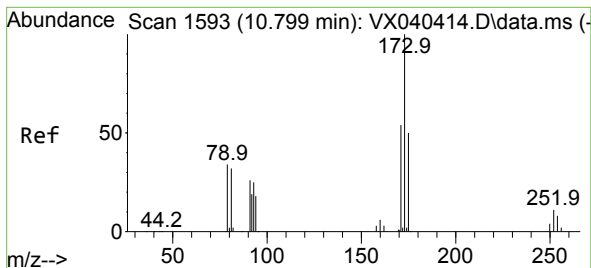
Tgt Ion:106 Resp: 82306
Ion Ratio Lower Upper
106 100
91 228.4 108.9 326.8



#70
Styrene
Concen: 50.544 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:104 Resp: 139715
Ion Ratio Lower Upper
104 100
78 55.4 43.6 65.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 45.461 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040444.D

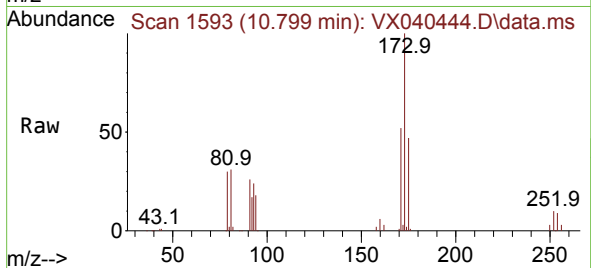
Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

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



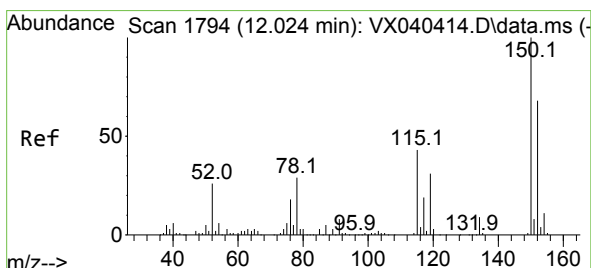
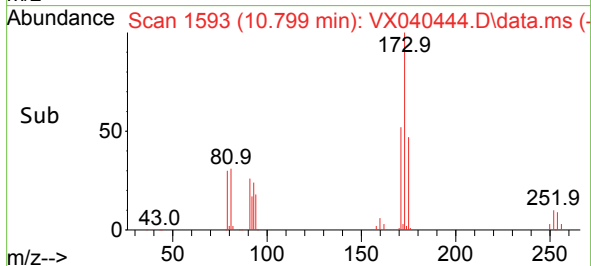
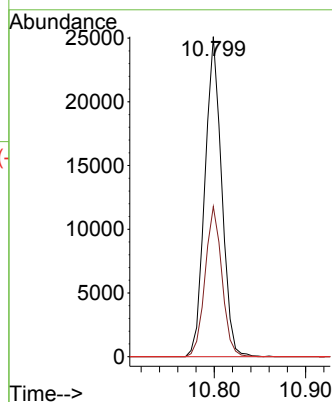
Tgt Ion:173 Resp: 31876

Ion Ratio Lower Upper

173 100

175 47.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

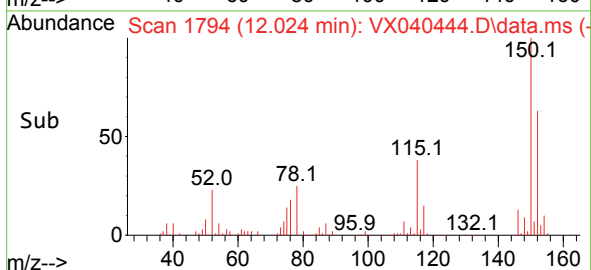
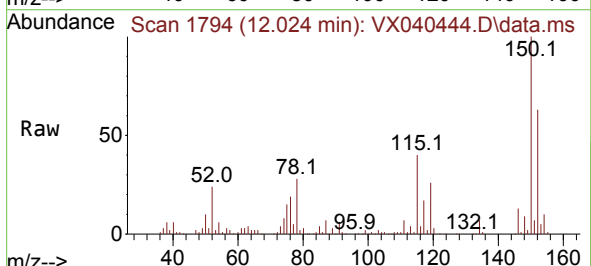
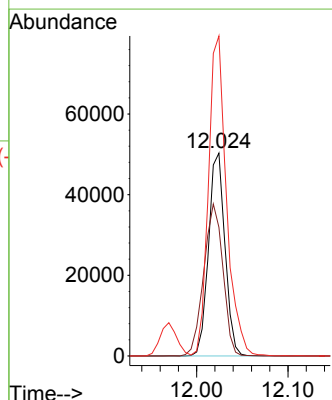
Tgt Ion:152 Resp: 62733

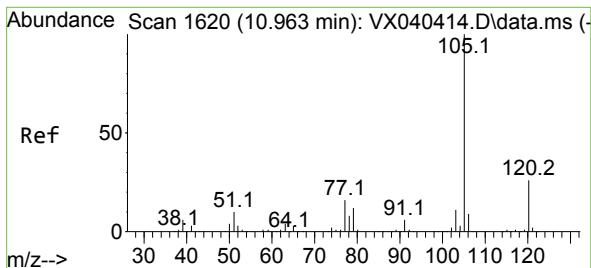
Ion Ratio Lower Upper

152 100

115 87.6 43.3 129.9

150 173.0 0.0 345.0





#73

Isopropylbenzene

Concen: 47.318 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

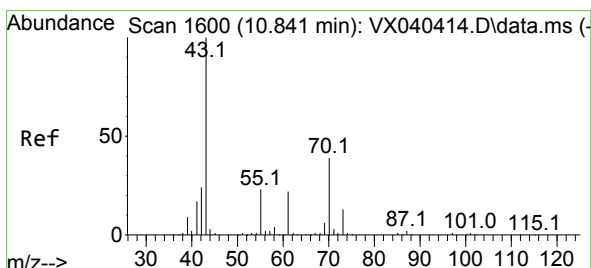
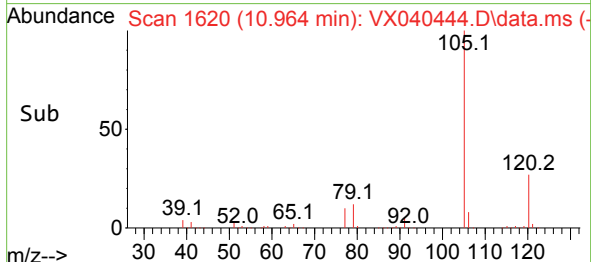
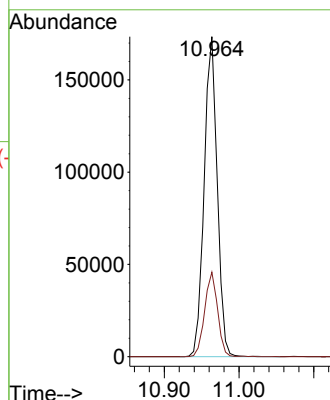
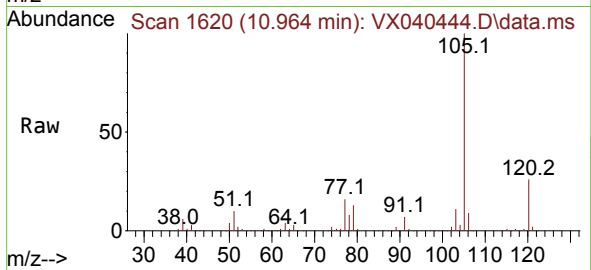
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:105 Resp: 210029

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#74

N-ethyl acetate

Concen: 0.266 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.013 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Tgt Ion: 43 Resp: 547

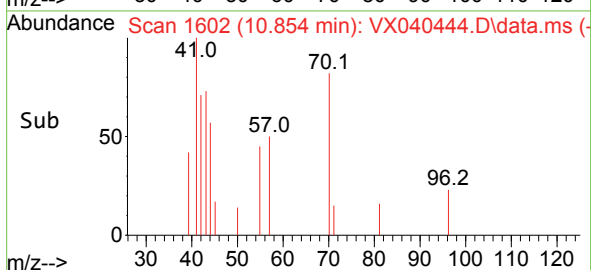
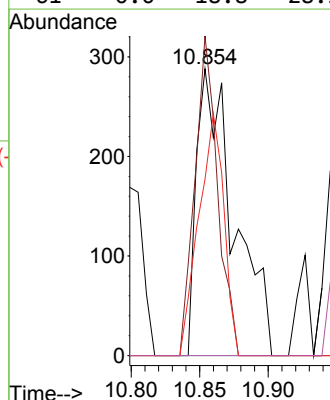
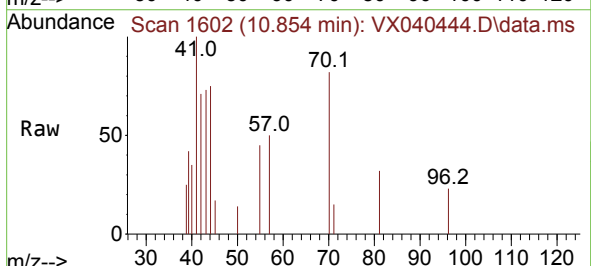
Ion Ratio Lower Upper

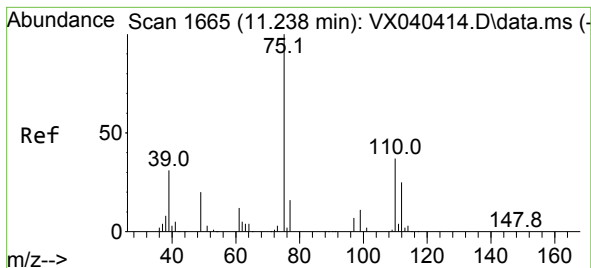
43 100

70 67.8 32.9 49.3#

55 56.9 19.3 28.9#

61 0.0 18.8 28.2#

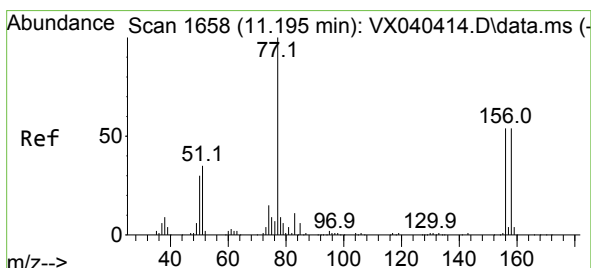
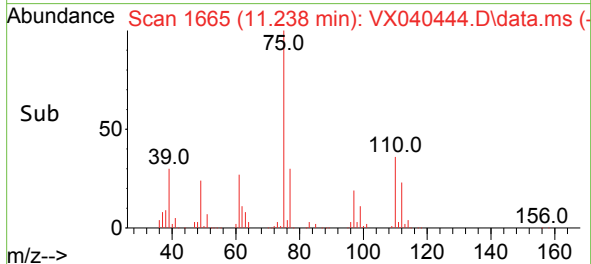
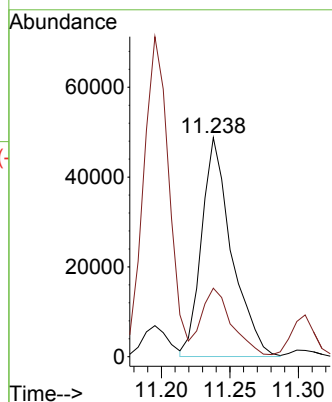
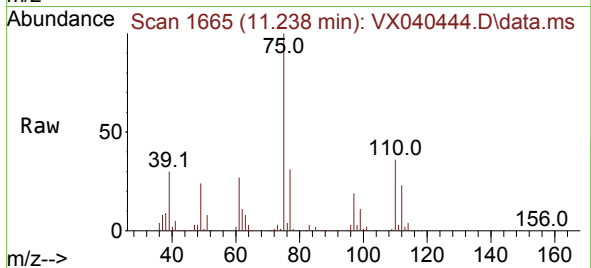




#76
1,2,3-Trichloropropane
Concen: 53.262 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

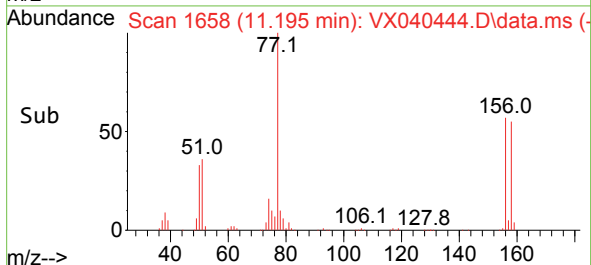
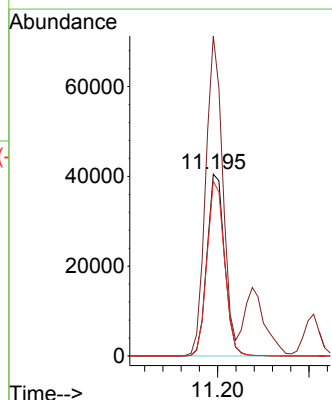
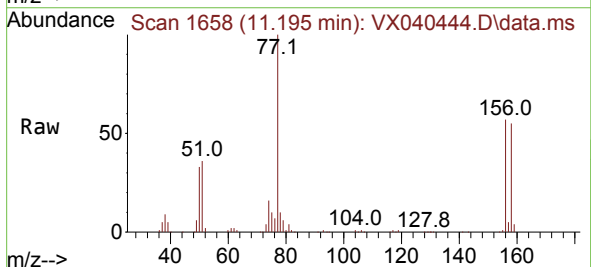
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

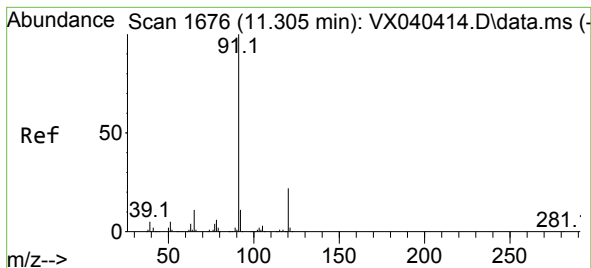
Tgt Ion: 75 Resp: 74297
Ion Ratio Lower Upper
75 100
77 32.1 19.1 57.5



#77
Bromobenzene
Concen: 49.592 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:156 Resp: 53787
Ion Ratio Lower Upper
156 100
77 171.2 88.4 265.3
158 95.9 48.0 144.0





#78

n-propylbenzene

Concen: 47.207 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

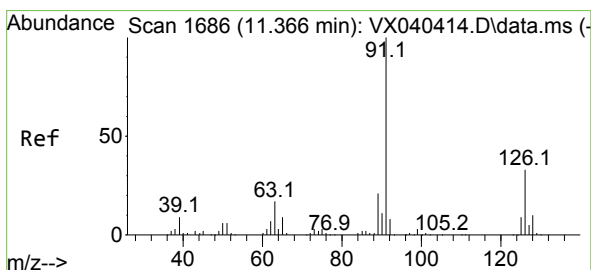
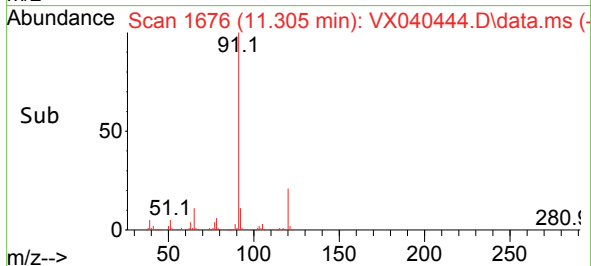
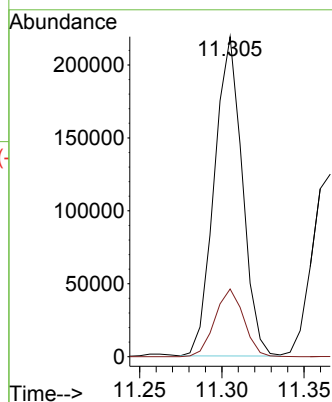
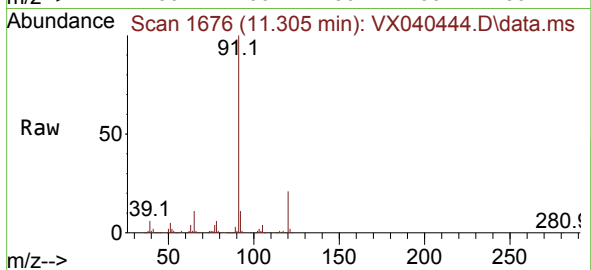
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 91 Resp: 258831

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 48.067 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX040444.D

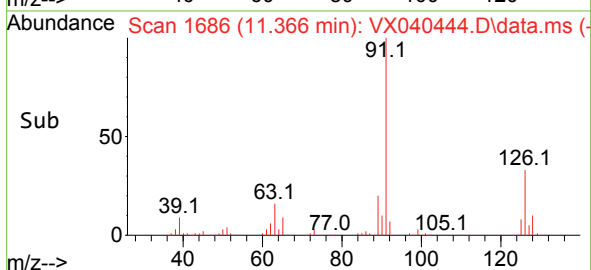
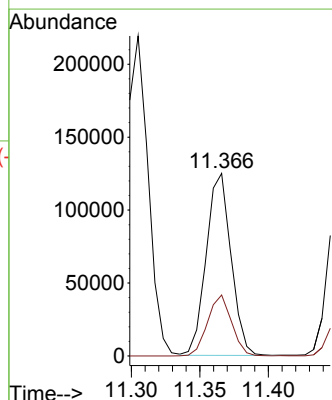
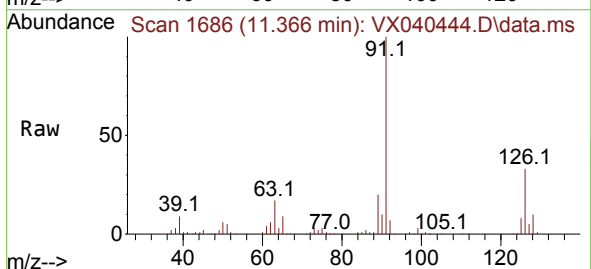
Acq: 23 Feb 2024 20:00

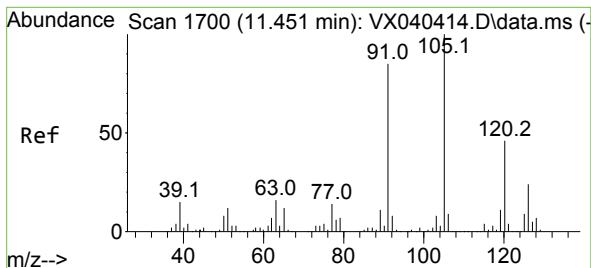
Tgt Ion: 91 Resp: 157289

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 49.066 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

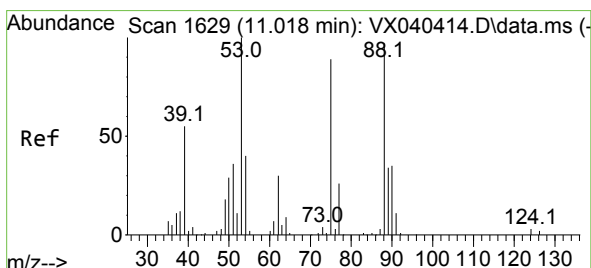
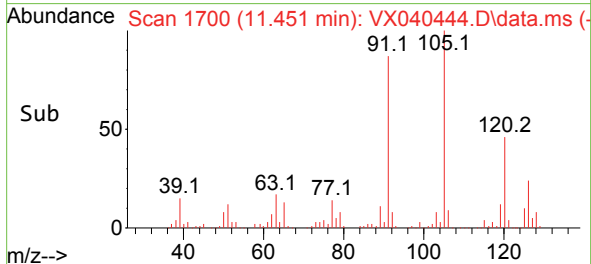
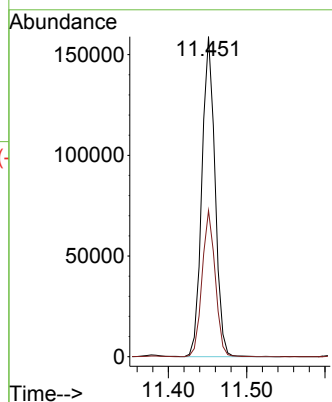
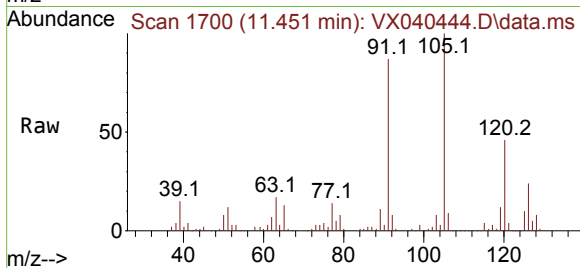
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:105 Resp: 185024

Ion Ratio Lower Upper

105 100

120 45.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 11.300 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

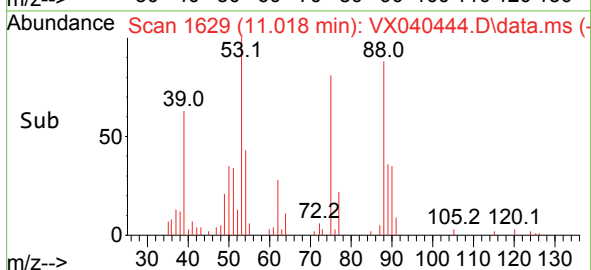
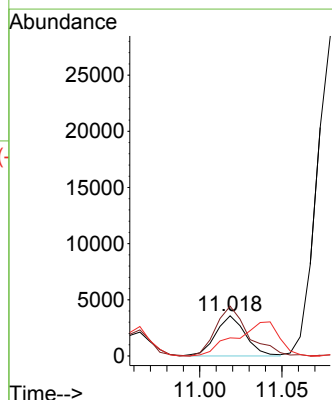
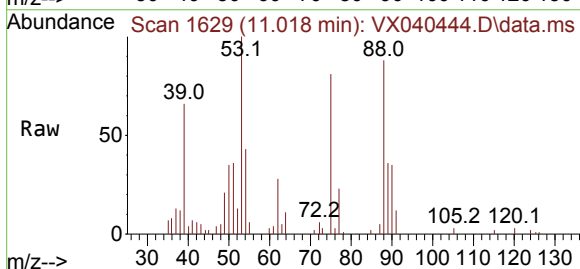
Tgt Ion: 75 Resp: 4530

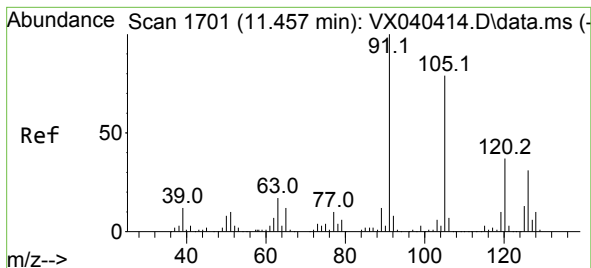
Ion Ratio Lower Upper

75 100

53 135.2 90.5 135.7

89 0.0 36.9 55.3#

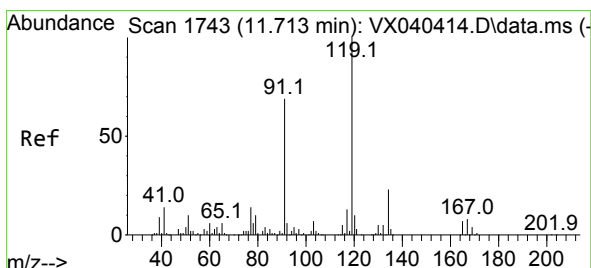
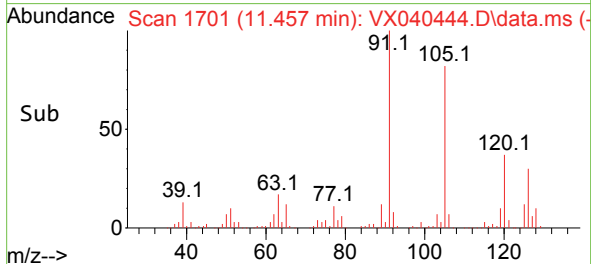
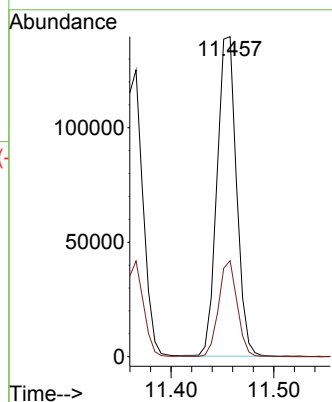
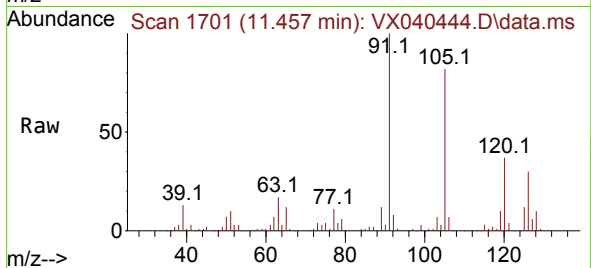




#82
4-Chlorotoluene
Concen: 47.794 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

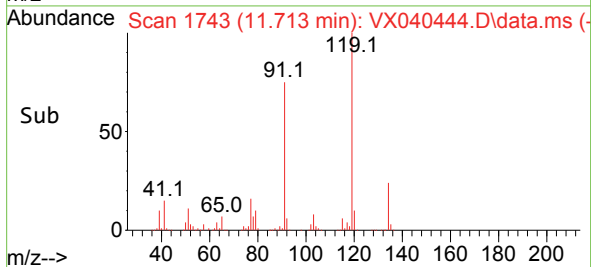
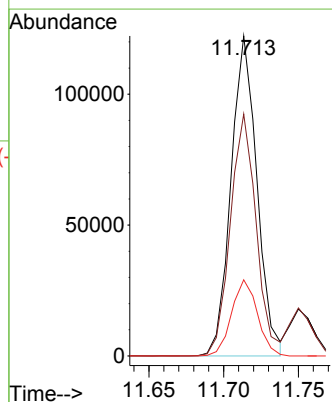
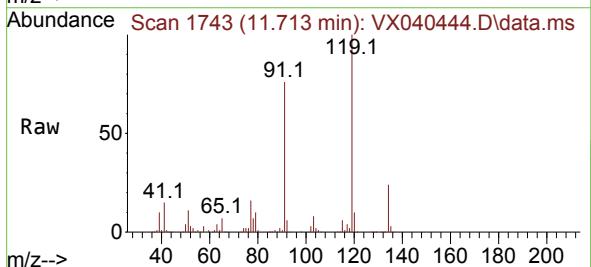
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

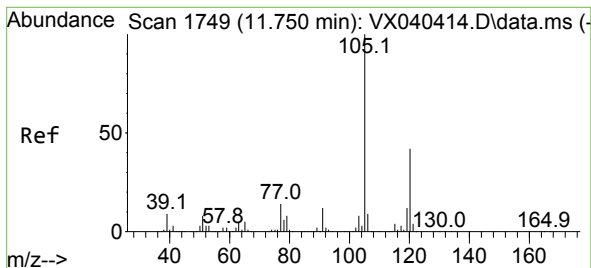
Tgt Ion: 91 Resp: 183290
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 41.508 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion: 119 Resp: 147536
Ion Ratio Lower Upper
119 100
91 75.3 31.2 93.6
134 23.7 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 49.314 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

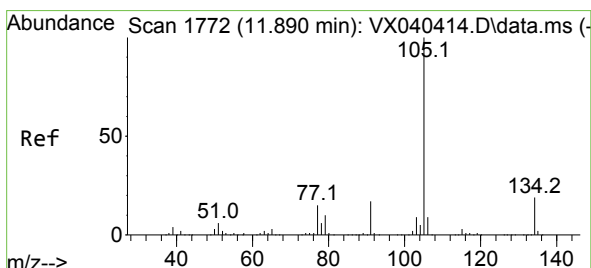
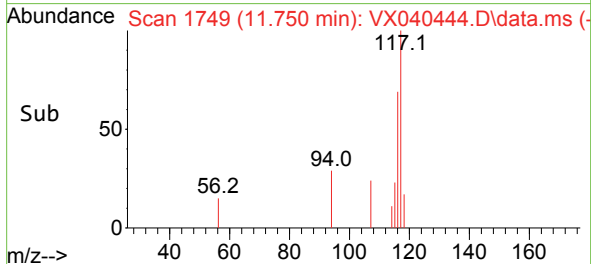
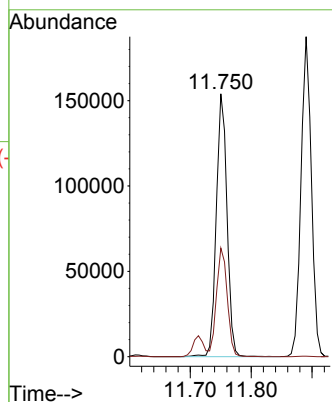
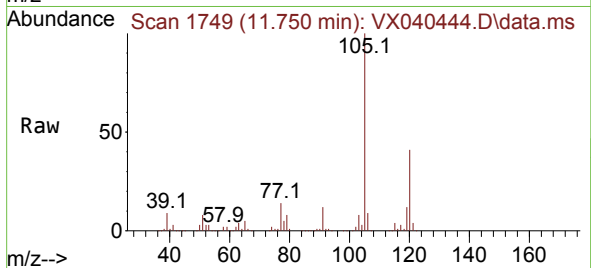
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Tgt Ion:105 Resp: 187632

Ion Ratio Lower Upper

105 100

120 41.4 21.2 63.6



#85

sec-Butylbenzene

Concen: 46.946 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040444.D

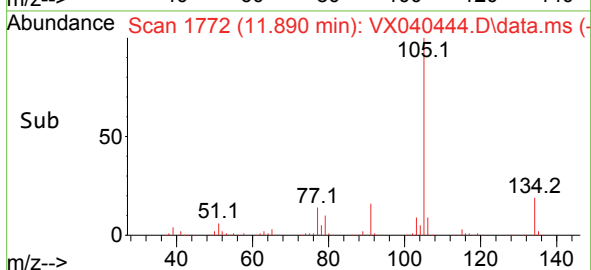
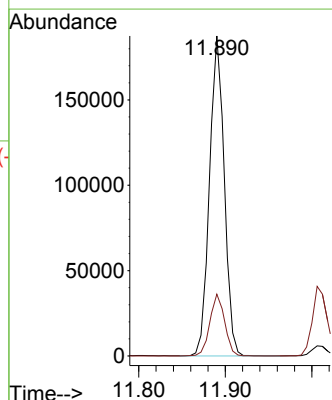
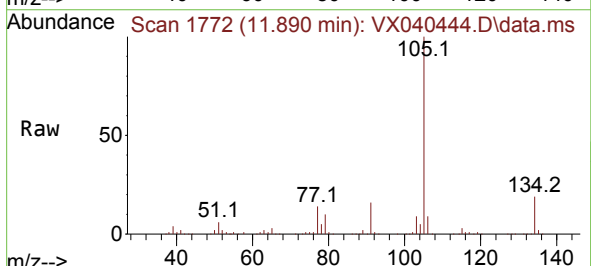
Acq: 23 Feb 2024 20:00

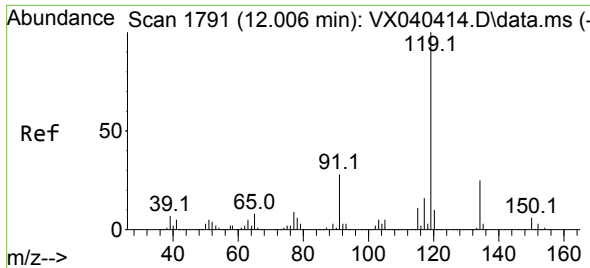
Tgt Ion:105 Resp: 222140

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4

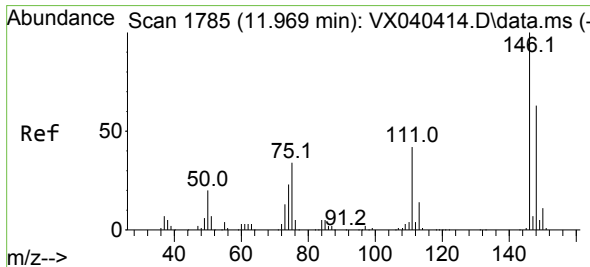
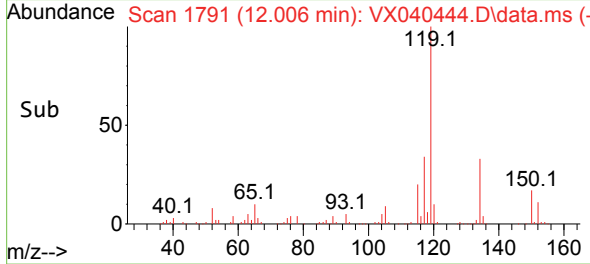
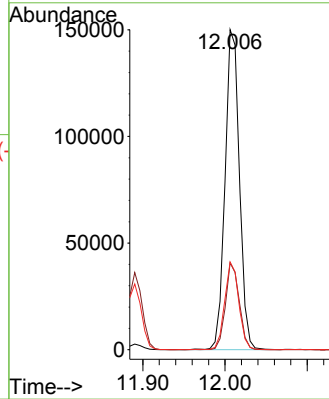
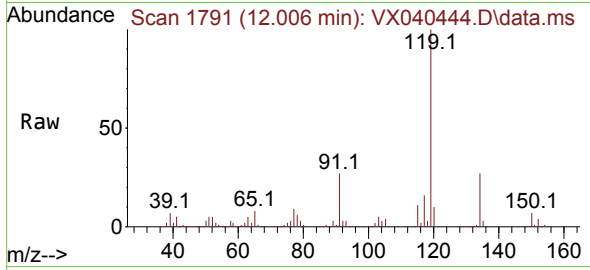




#86
p-Isopropyltoluene
Concen: 48.295 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

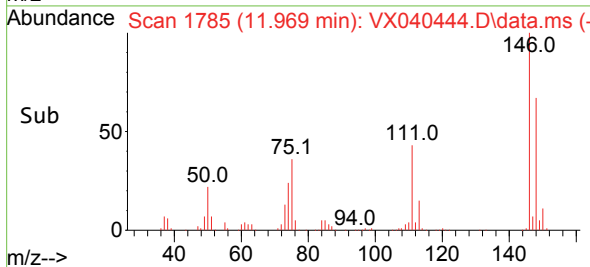
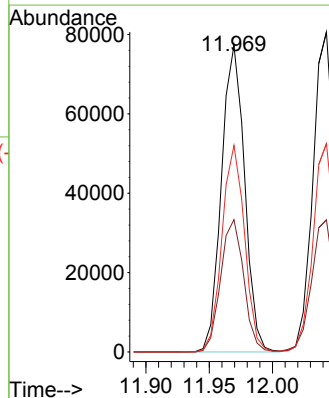
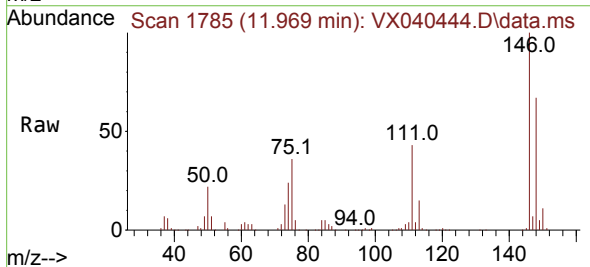
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

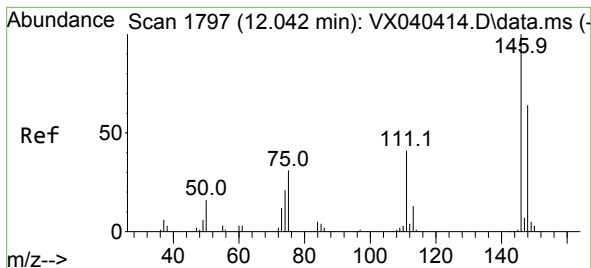
Tgt Ion:119 Resp: 182587
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 27.0 13.1 39.3



#87
1,3-Dichlorobenzene
Concen: 47.320 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:146 Resp: 98159
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.1
148 65.8 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 46.229 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040444.D

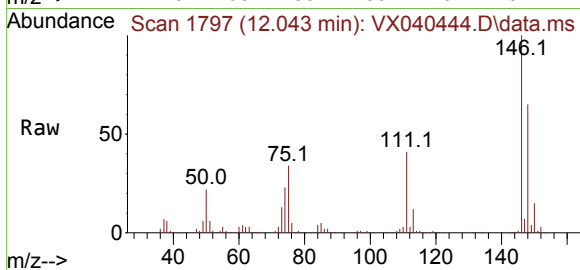
Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

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



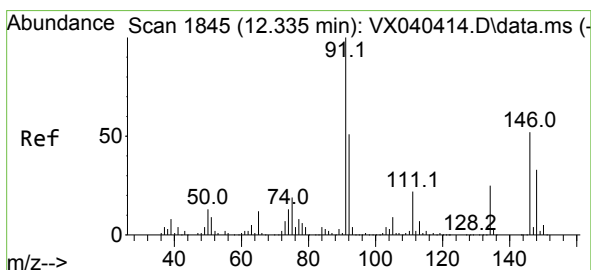
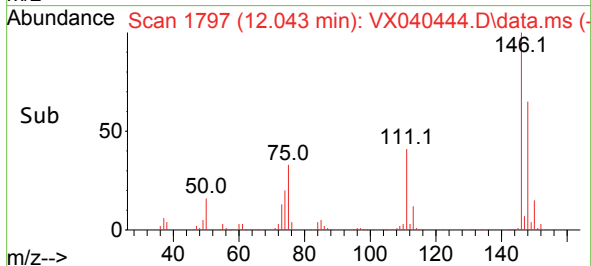
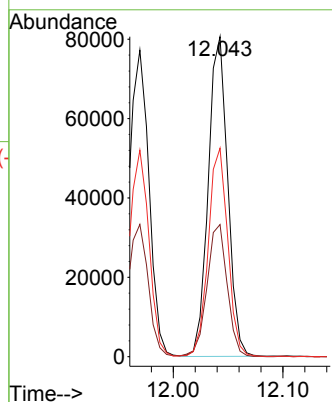
Tgt Ion:146 Resp: 99419

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.7

148 65.6 31.8 95.4



#89

n-Butylbenzene

Concen: 46.653 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

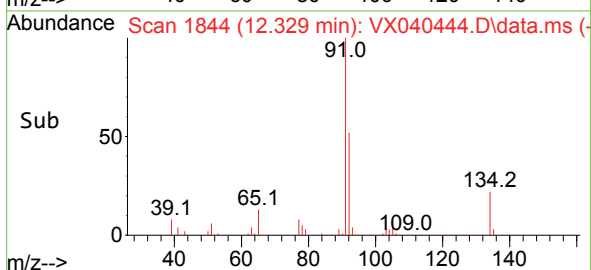
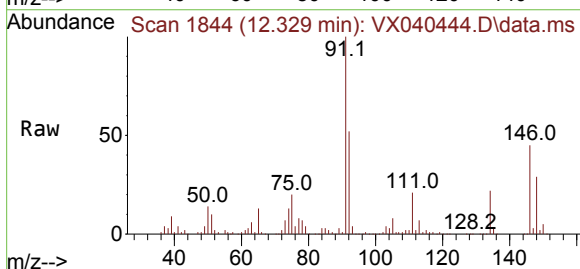
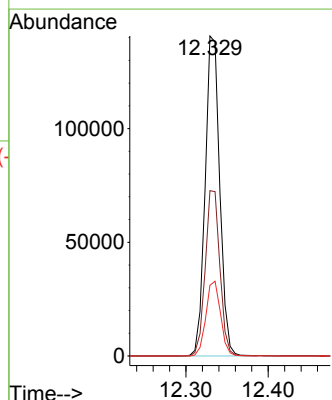
Tgt Ion: 91 Resp: 173541

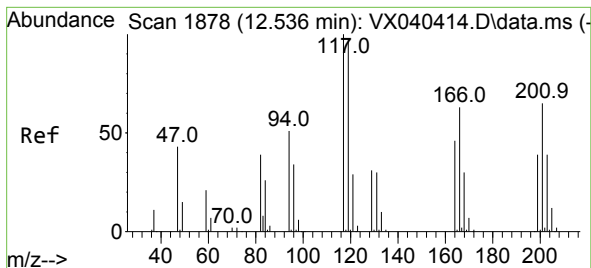
Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

134 23.4 12.6 37.8





#90

Hexachloroethane

Concen: 48.362 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

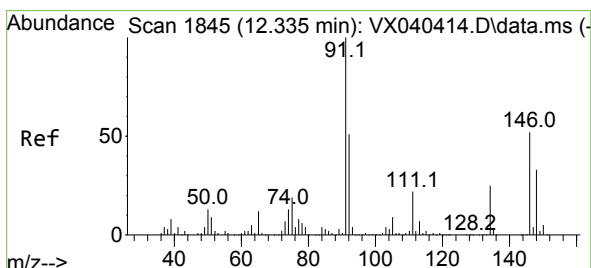
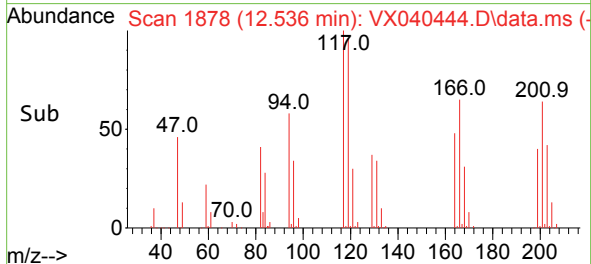
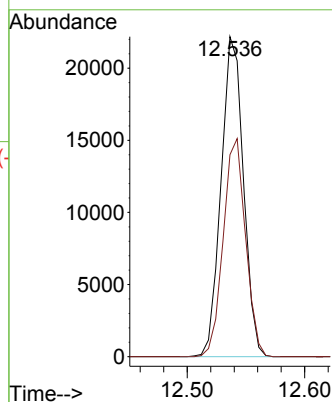
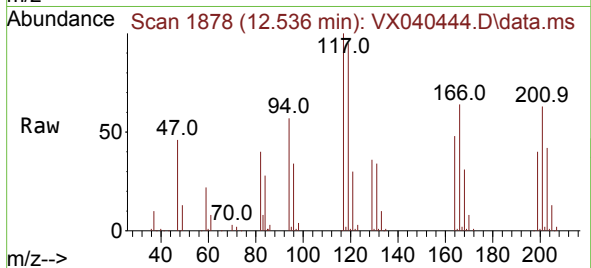
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:117 Resp: 29282

Ion Ratio Lower Upper

117 100

201 68.1 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 48.909 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

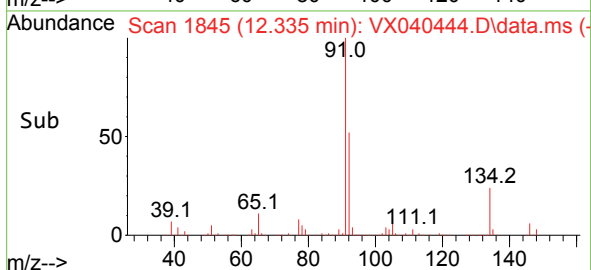
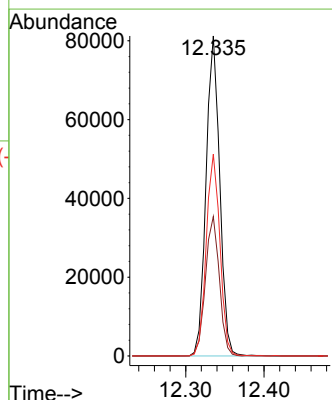
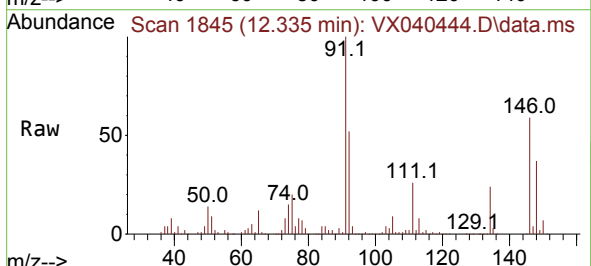
Tgt Ion:146 Resp: 98111

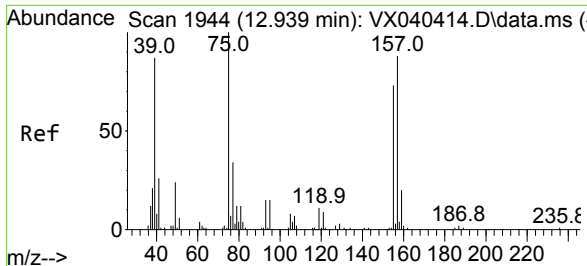
Ion Ratio Lower Upper

146 100

111 44.3 22.4 67.0

148 63.4 31.6 95.0

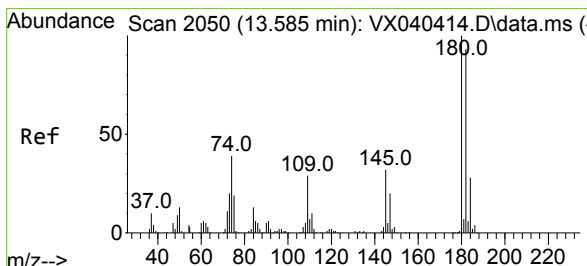
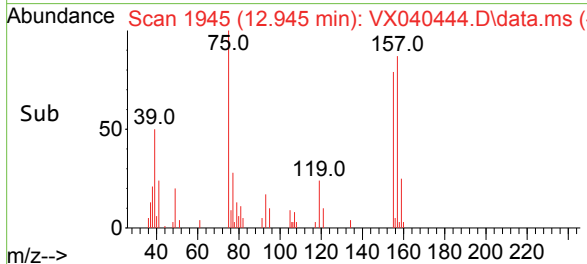
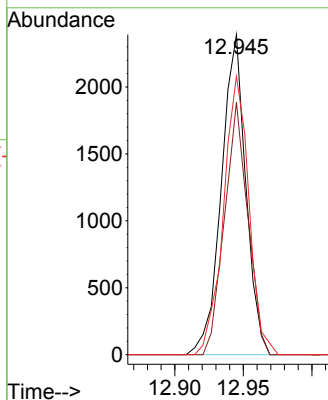
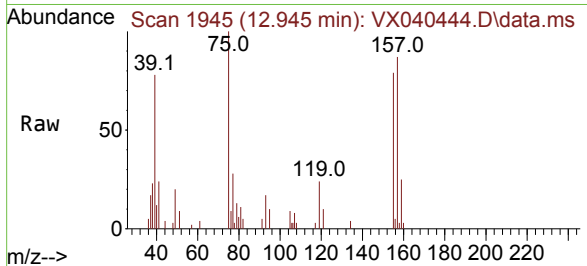




#92
1,2-Dibromo-3-Chloropropane
Concen: 8.180 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

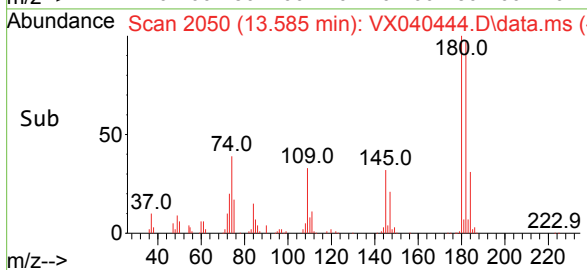
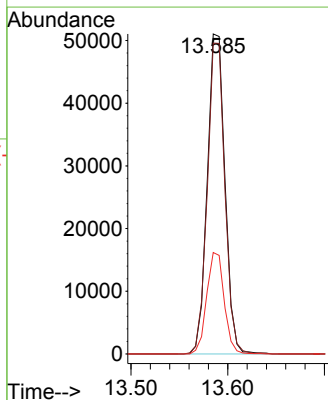
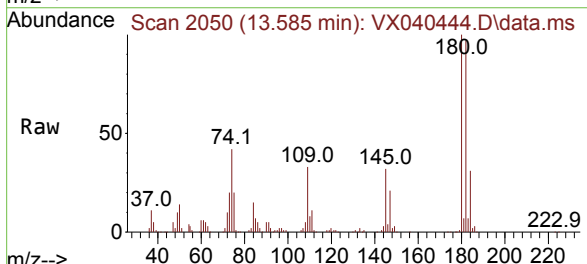
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

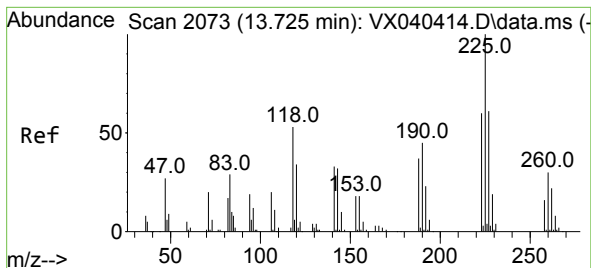
Tgt Ion: 75 Resp: 2960
Ion Ratio Lower Upper
75 100
155 75.2 36.1 108.5
157 90.2 44.9 134.7



#93
1,2,4-Trichlorobenzene
Concen: 50.019 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040444.D
Acq: 23 Feb 2024 20:00

Tgt Ion:180 Resp: 64596
Ion Ratio Lower Upper
180 100
182 96.8 48.3 144.8
145 31.5 18.0 54.0





#94

Hexachlorobutadiene

Concen: 48.774 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

Instrument :

MSVOA_X

ClientSampleId :

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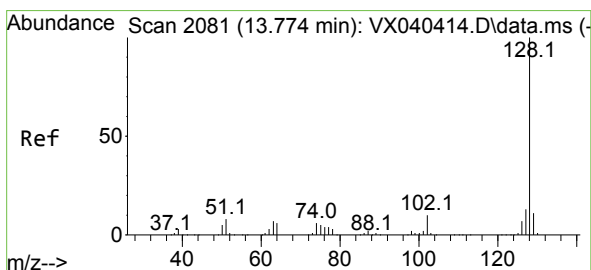
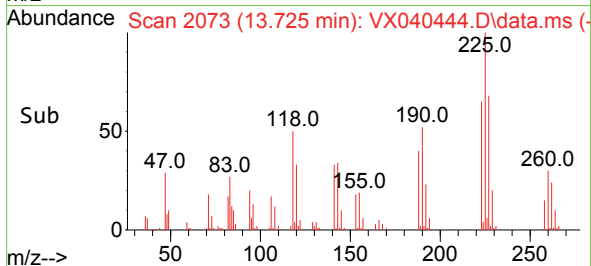
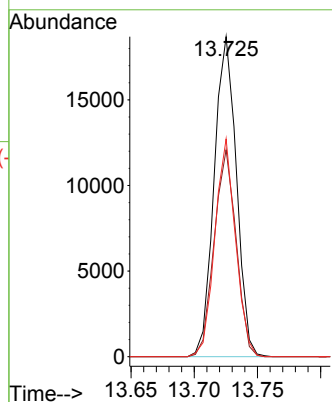
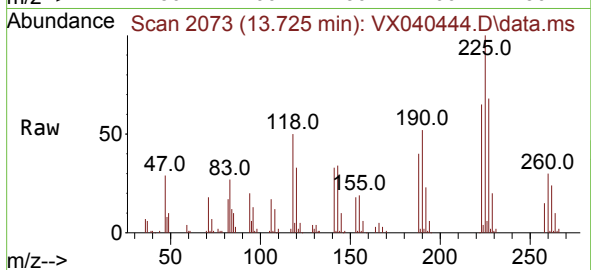
Tgt Ion:225 Resp: 22813

Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.2

227 63.4 32.5 97.5



#95

Naphthalene

Concen: 57.938 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040444.D

Acq: 23 Feb 2024 20:00

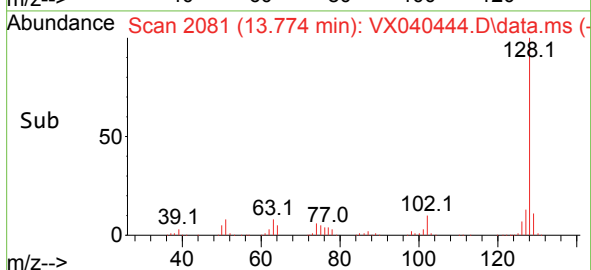
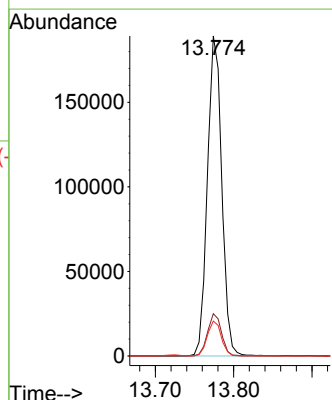
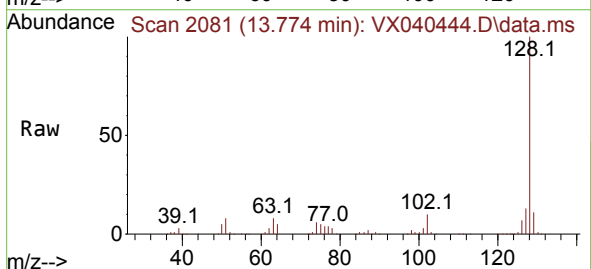
Tgt Ion:128 Resp: 240108

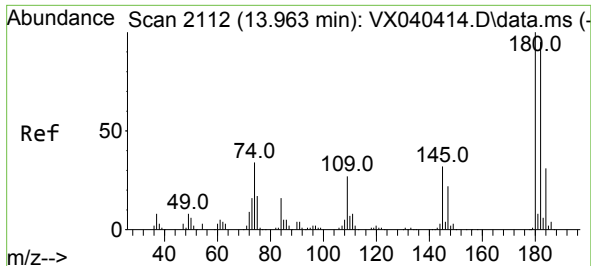
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

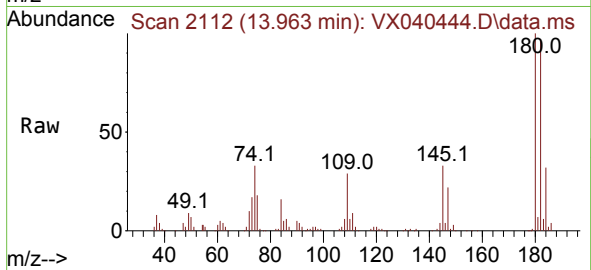
129 10.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 52.810 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX040444.D
 Acq: 23 Feb 2024 20:00

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



Tgt Ion:180 Resp: 65663
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.9 140.6
 145 33.2 17.8 53.5

