

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038833.D
 Acq On : 16 Nov 2023 11:20
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 16 22:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	172628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	325705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	139048	49.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.980%
35) Dibromofluoromethane	5.385	113	116478	49.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.647	98	440718	48.968	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	171159	47.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	109677	54.451	ug/l	99
3) Chloromethane	1.294	50	130611	49.681	ug/l	96
4) Vinyl Chloride	1.374	62	130473	51.520	ug/l	98
5) Bromomethane	1.599	94	65258	62.325	ug/l	100
6) Chloroethane	1.685	64	74789	51.749	ug/l	99
7) Trichlorofluoromethane	1.886	101	166225	51.726	ug/l	100
8) Diethyl Ether	2.130	74	69275	49.494	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	106888	50.155	ug/l	97
10) Methyl Iodide	2.453	142	136427	52.596	ug/l #	87
11) Tert butyl alcohol	2.953	59	205661	265.829	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	109020	50.669	ug/l	87
13) Acrolein	2.233	56	96675	236.188	ug/l	99
14) Allyl chloride	2.666	41	220441	51.172	ug/l	90
15) Acrylonitrile	3.062	53	432157	264.358	ug/l	98
16) Acetone	2.373	43	372482	251.546	ug/l #	87
17) Carbon Disulfide	2.508	76	326392	48.973	ug/l	99
18) Methyl Acetate	2.703	43	378846	53.863	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	393166	51.954	ug/l	98
20) Methylene Chloride	2.788	84	129017	48.333	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	119789	50.457	ug/l	95
22) Diisopropyl ether	3.757	45	409558	51.825	ug/l	91
23) Vinyl Acetate	3.721	43	1484937	260.900	ug/l	99
24) 1,1-Dichloroethane	3.605	63	225912	51.119	ug/l	99
25) 2-Butanone	4.550	43	618582	257.606	ug/l	93
26) 2,2-Dichloropropane	4.471	77	192595	50.241	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	139535	50.423	ug/l	96
28) Bromochloromethane	4.897	49	112663	53.098	ug/l	98
29) Tetrahydrofuran	5.001	42	404874	265.548	ug/l	96
30) Chloroform	5.092	83	216003	50.055	ug/l	98
31) Cyclohexane	5.470	56	203119	51.145	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	189624	50.732	ug/l	99
36) 1,1-Dichloropropene	5.690	75	166816	49.479	ug/l	98
37) Ethyl Acetate	4.708	43	228469	52.014	ug/l	98
38) Carbon Tetrachloride	5.678	117	158278	50.796	ug/l	97
39) Methylcyclohexane	7.379	83	215646	49.037	ug/l	99
40) Benzene	6.037	78	508347	50.979	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	114634	50.319	ug/l #	92
42) 1,2-Dichloroethane	6.086	62	167981	50.845	ug/l	95
43) Isopropyl Acetate	6.336	43	356703	50.814	ug/l	96
44) Trichloroethene	7.123	130	123746	50.983	ug/l	97
45) 1,2-Dichloropropane	7.427	63	138079	51.456	ug/l	100
46) Dibromomethane	7.580	93	90562	50.607	ug/l	98
47) Bromodichloromethane	7.824	83	177992	50.114	ug/l	98
48) Methyl methacrylate	7.690	41	167432	49.159	ug/l	90
49) 1,4-Dioxane	7.659	88	69557	1055.623	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	1152595	256.930	ug/l	97
52) Toluene	8.720	92	310350	50.154	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	213866	50.669	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	225770	51.783	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	129043	49.979	ug/l	93
56) Ethyl methacrylate	9.116	69	226212	51.782	ug/l	93
57) 1,3-Dichloropropane	9.305	76	217492	50.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	557611	274.003	ug/l	95
59) 2-Hexanone	9.427	43	941424	261.822	ug/l	96
60) Dibromochloromethane	9.518	129	133131	50.711	ug/l	100
61) 1,2-Dibromoethane	9.610	107	136873	50.519	ug/l	100
64) Tetrachloroethene	9.275	164	92342	49.726	ug/l	97
65) Chlorobenzene	10.079	112	322724	50.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	117262	50.653	ug/l	97
67) Ethyl Benzene	10.195	91	602142	50.926	ug/l	99
68) m/p-Xylenes	10.299	106	452059	101.071	ug/l	100
69) o-Xylene	10.640	106	222155	50.197	ug/l	100
70) Styrene	10.652	104	376453	50.366	ug/l	97
71) Bromoform	10.799	173	98791	51.190	ug/l #	100
73) Isopropylbenzene	10.963	105	572379	50.081	ug/l	99
74) N-amyl acetate	10.841	43	309283	51.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	225964	50.647	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	268009	75.186	ug/l	91
77) Bromobenzene	11.195	156	126738	49.351	ug/l	95
78) n-propylbenzene	11.305	91	708154	50.338	ug/l	98
79) 2-Chlorotoluene	11.366	91	415474	49.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	491769	51.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	85513	51.826	ug/l #	78
82) 4-Chlorotoluene	11.451	91	482452	50.117	ug/l	100
83) tert-Butylbenzene	11.713	119	477084	50.409	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	489078	50.282	ug/l	98
85) sec-Butylbenzene	11.890	105	629293	50.833	ug/l	99
86) p-Isopropyltoluene	12.006	119	502120	50.526	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	251558	50.023	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	253848	49.319	ug/l	99
89) n-Butylbenzene	12.329	91	505952	50.461	ug/l	98
90) Hexachloroethane	12.536	117	101999	51.396	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	243993	51.154	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57227	52.354	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	159658	49.951	ug/l	98
94) Hexachlorobutadiene	13.725	225	57596	50.884	ug/l	99
95) Naphthalene	13.774	128	602814	50.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154243	50.906	ug/l	99

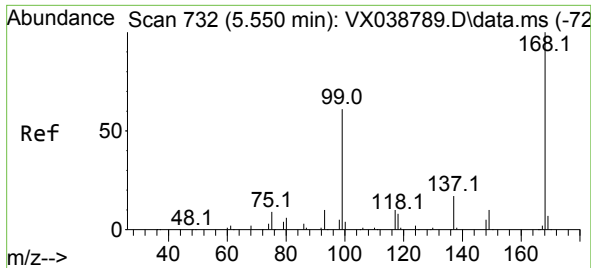
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Response via : Initial Calibration

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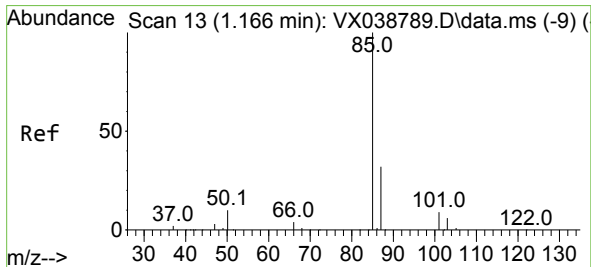
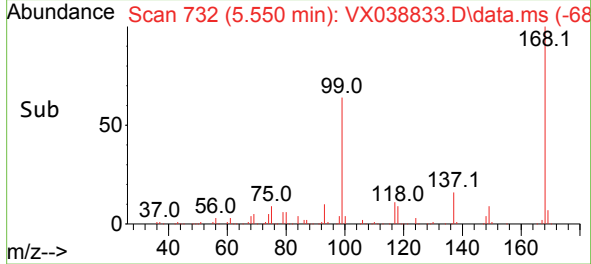
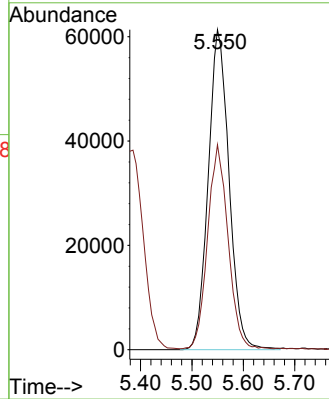
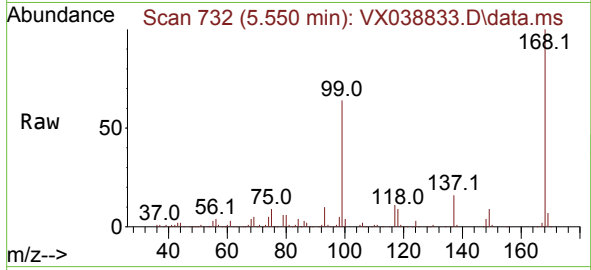
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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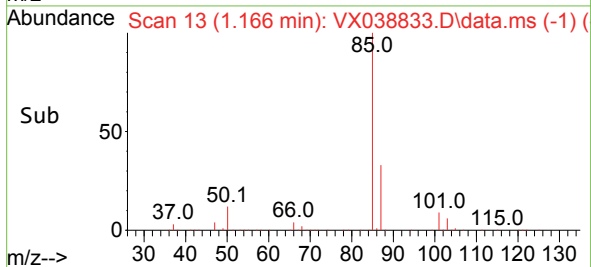
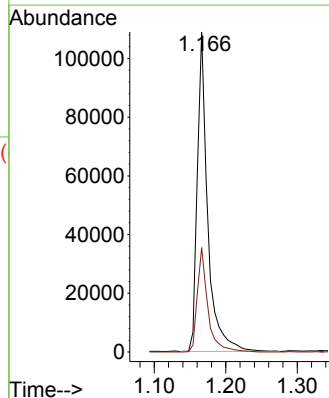
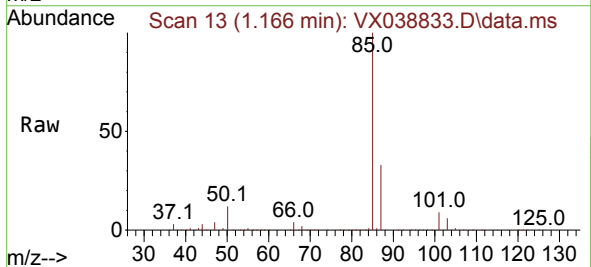
Instrument :
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VSTDICC050

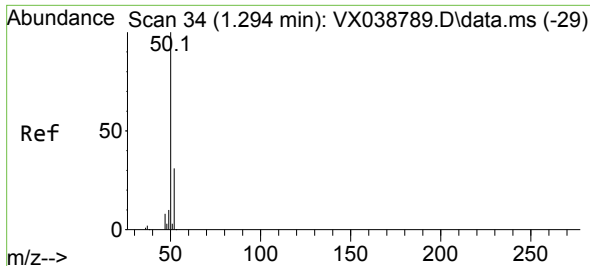
Tgt Ion:168 Resp: 172628
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 54.451 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 85 Resp: 109677
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1

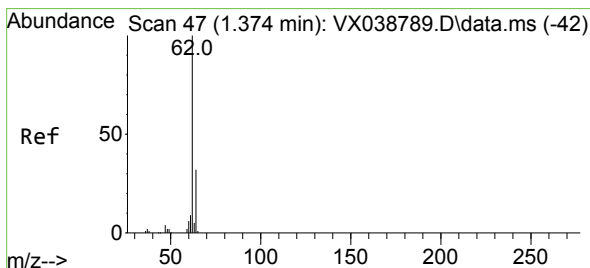
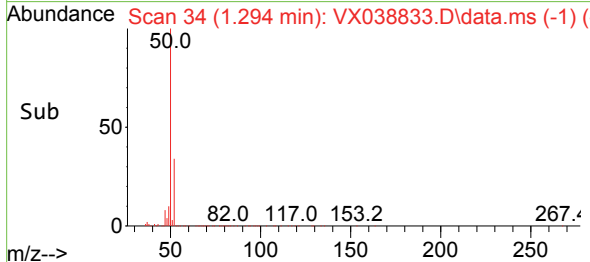
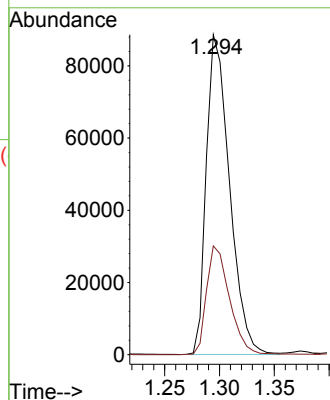
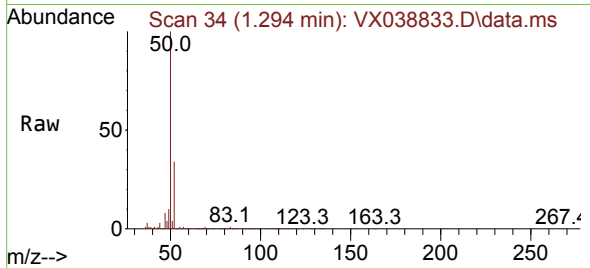




#3
Chloromethane
Concen: 49.681 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

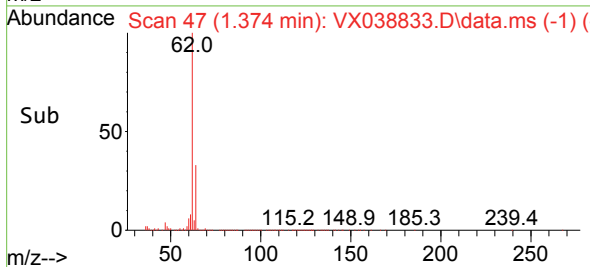
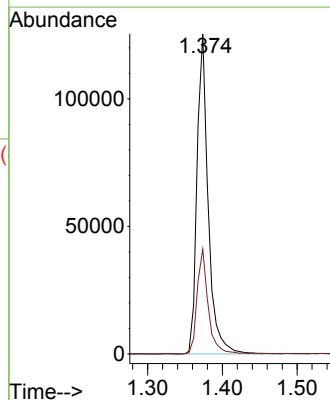
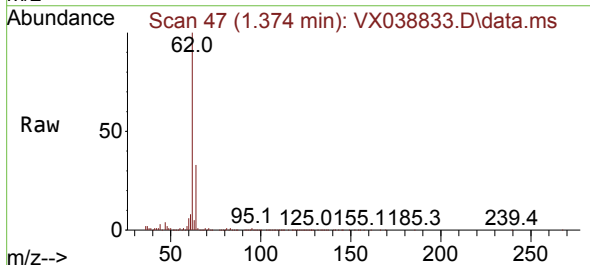
Instrument :
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ClientSampleId :
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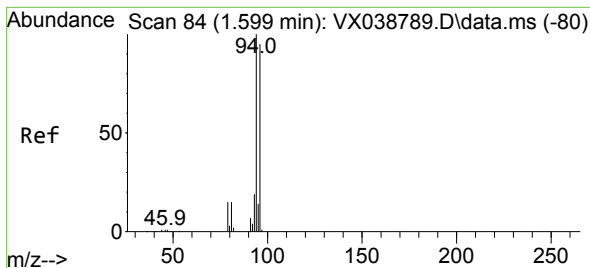
Tgt Ion: 50 Resp: 130611
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3



#4
Vinyl Chloride
Concen: 51.520 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 62 Resp: 130473
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

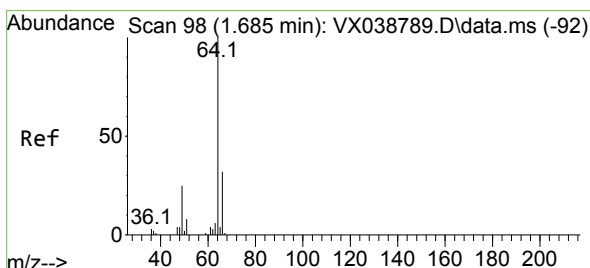
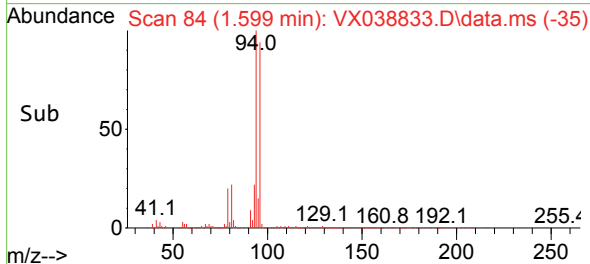
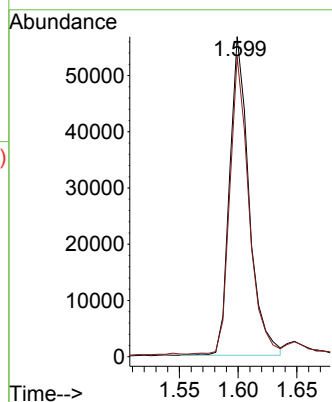
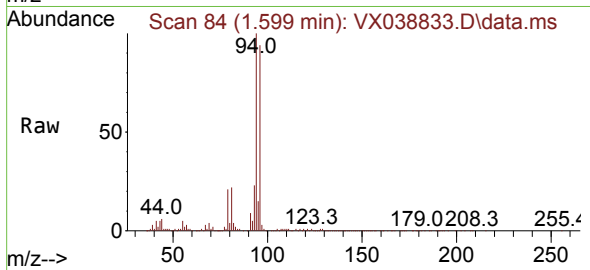




#5
Bromomethane
Concen: 62.325 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

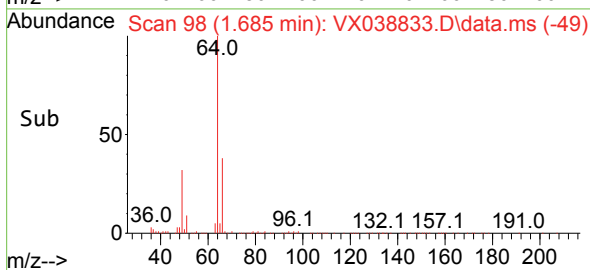
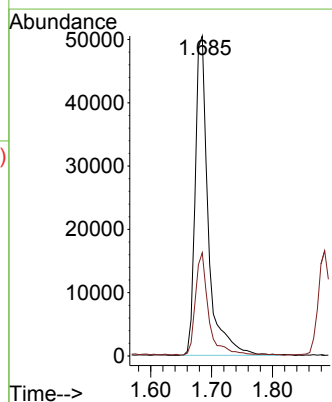
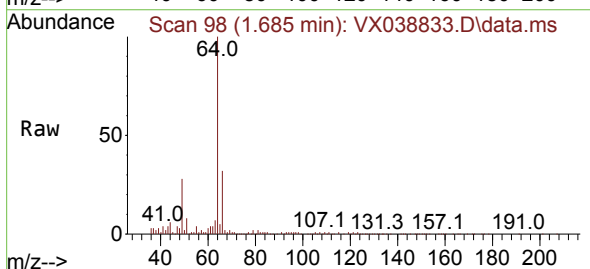
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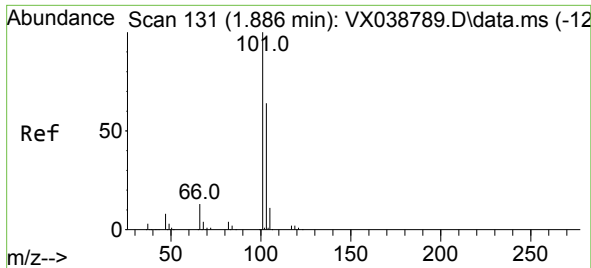
Tgt Ion: 94 Resp: 65258
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8



#6
Chloroethane
Concen: 51.749 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 64 Resp: 74789
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7

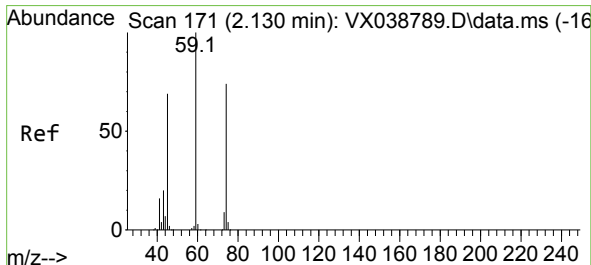
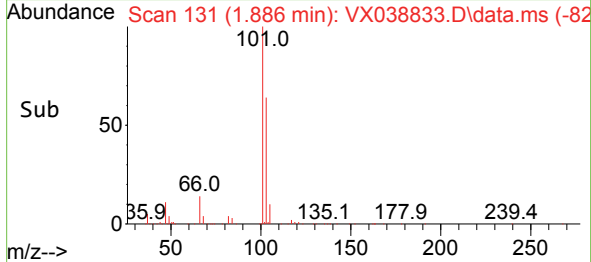
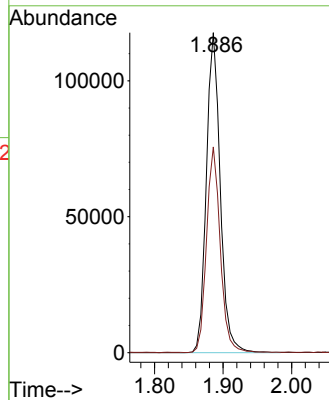
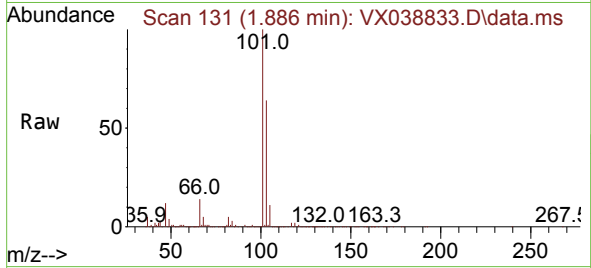




#7
Trichlorofluoromethane
Concen: 51.726 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

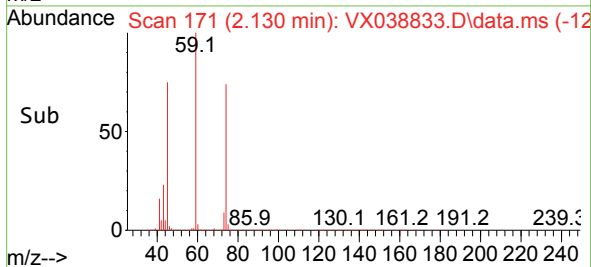
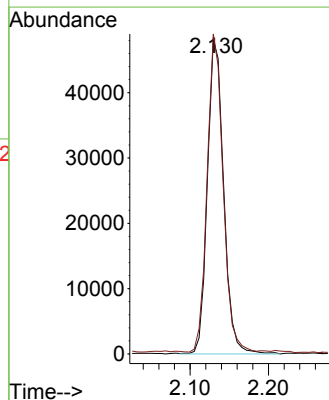
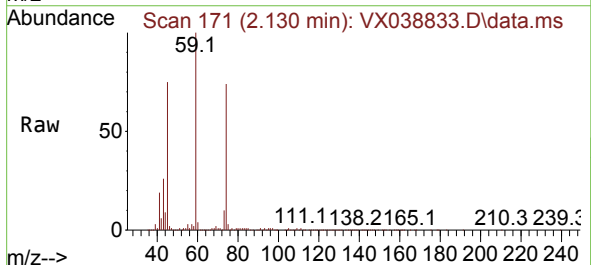
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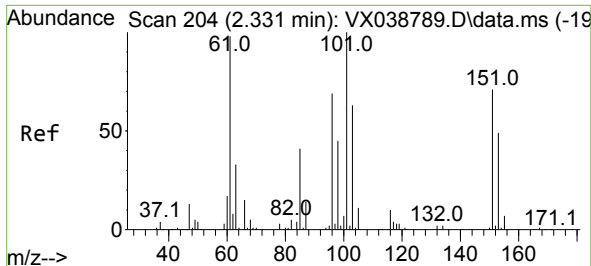
Tgt Ion:101 Resp: 166225
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2



#8
Diethyl Ether
Concen: 49.494 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 74 Resp: 69275
Ion Ratio Lower Upper
74 100
45 99.2 53.3 159.8

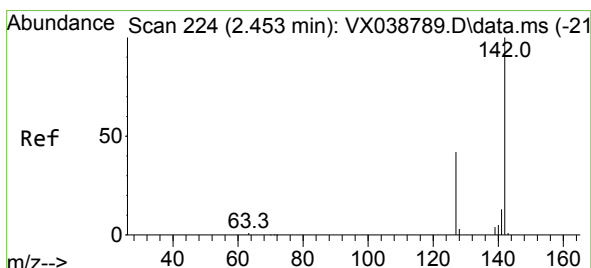
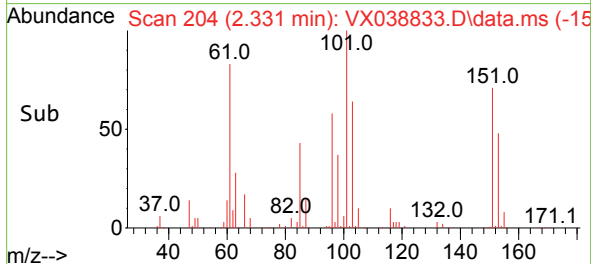
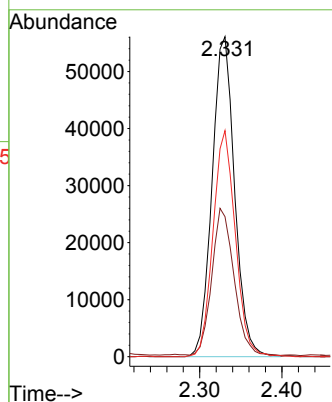
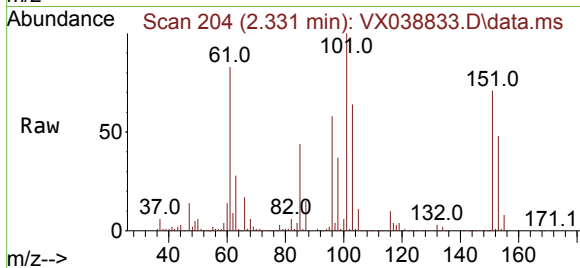




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.155 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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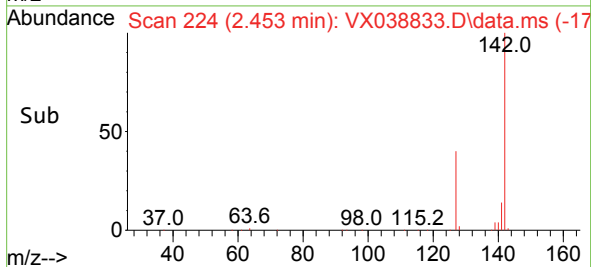
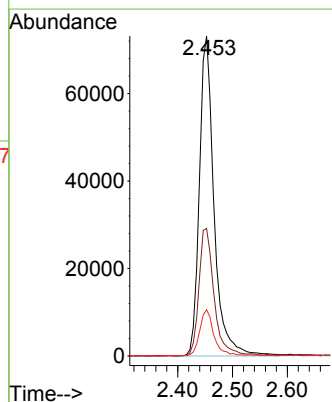
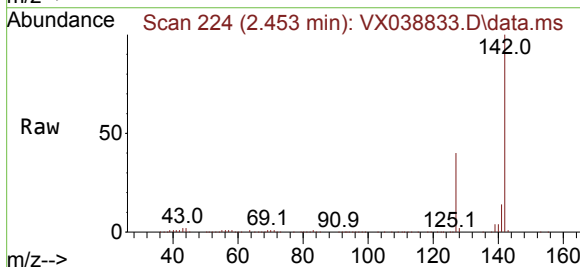
Instrument :
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ClientSampleId :
VSTDIC050

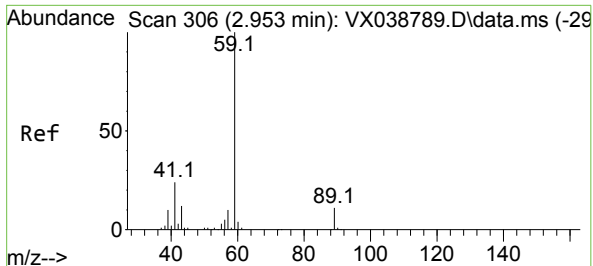
Tgt Ion:101 Resp: 106888
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 69.9 58.6 87.8



#10
Methyl Iodide
Concen: 52.596 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion:142 Resp: 136427
Ion Ratio Lower Upper
142 100
127 41.0 41.6 62.4#
141 13.9 11.6 17.4

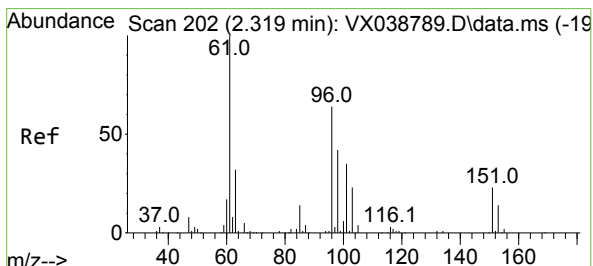
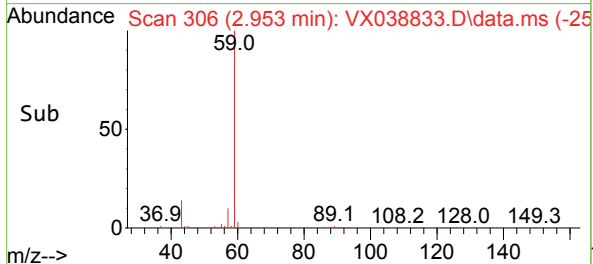
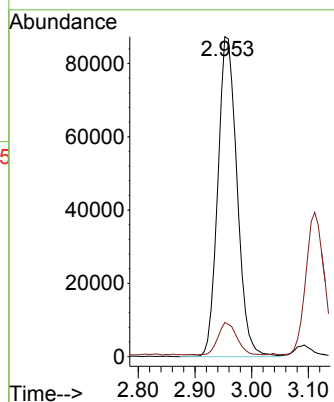
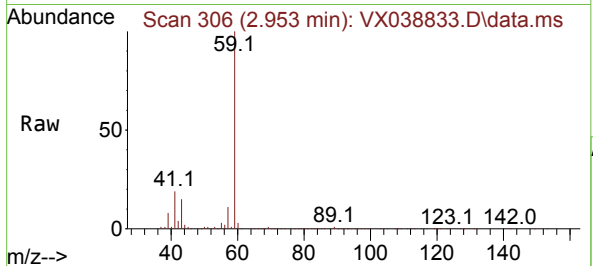




#11
Tert butyl alcohol
Concen: 265.829 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

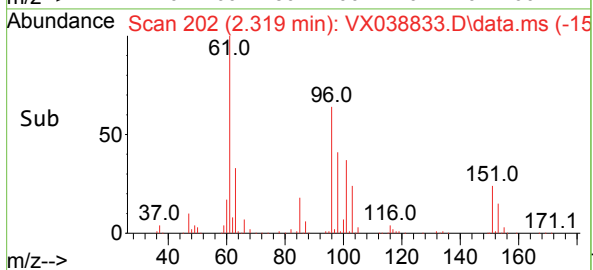
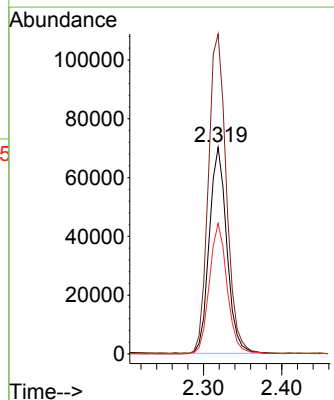
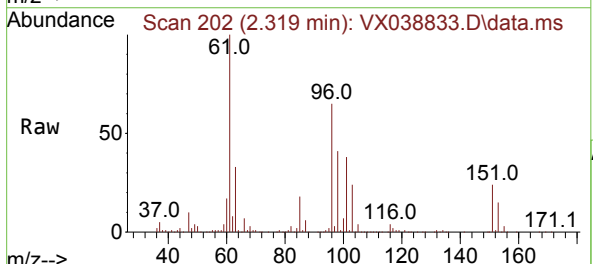
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

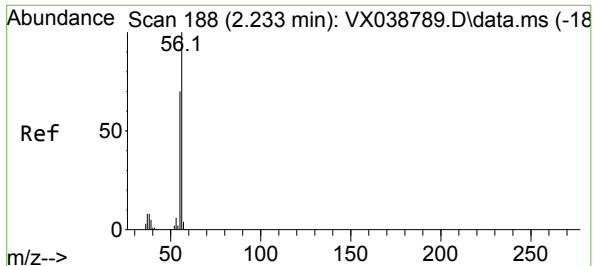
Tgt Ion: 59 Resp: 205661
Ion Ratio Lower Upper
59 100
57 9.7 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 50.669 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 96 Resp: 109020
Ion Ratio Lower Upper
96 100
61 155.3 144.6 216.8
98 63.1 50.4 75.6





#13

Acrolein

Concen: 236.188 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

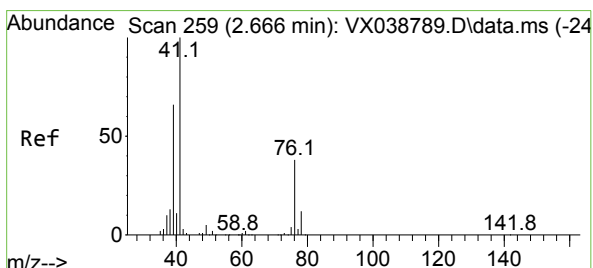
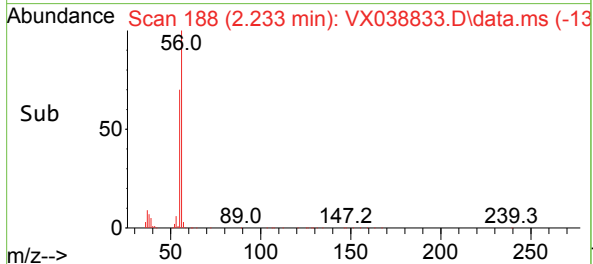
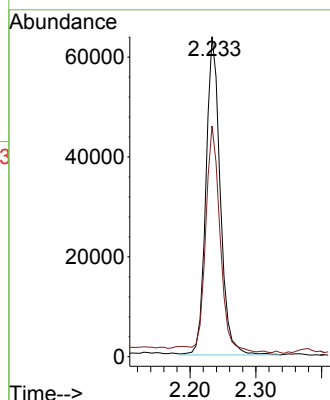
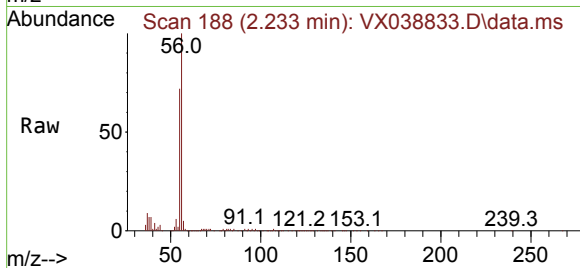
VSTDIC050

Tgt Ion: 56 Resp: 96675

Ion Ratio Lower Upper

56 100

55 70.5 57.1 85.7



#14

Allyl chloride

Concen: 51.172 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

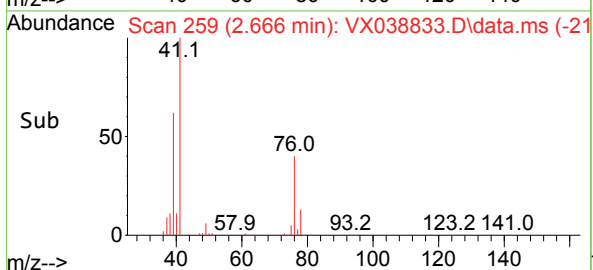
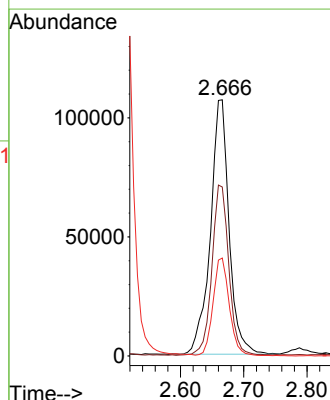
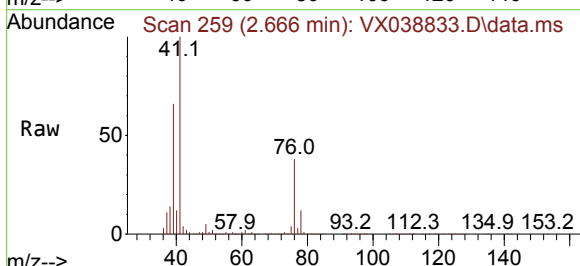
Tgt Ion: 41 Resp: 220441

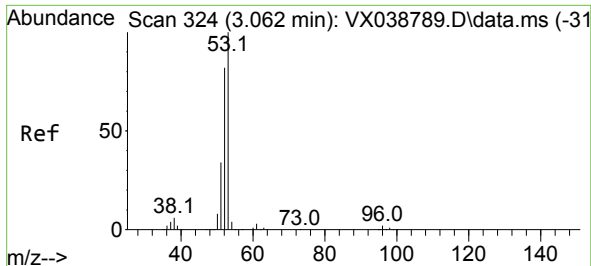
Ion Ratio Lower Upper

41 100

39 60.3 55.8 83.6

76 33.7 24.3 36.5

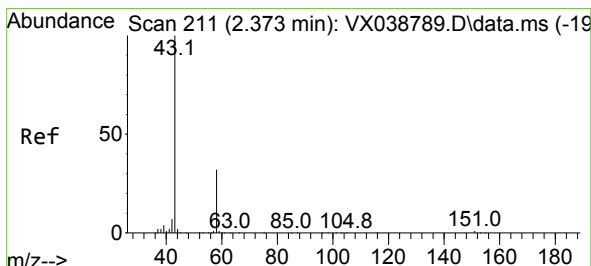
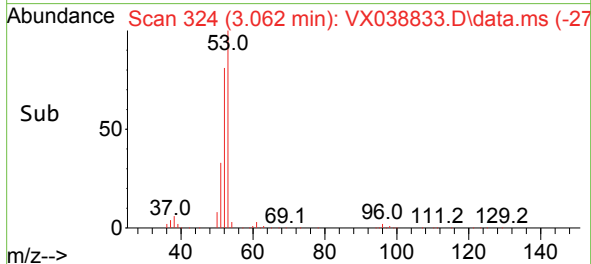
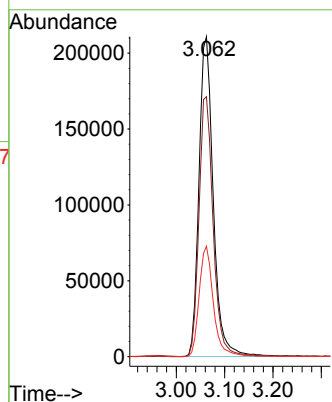
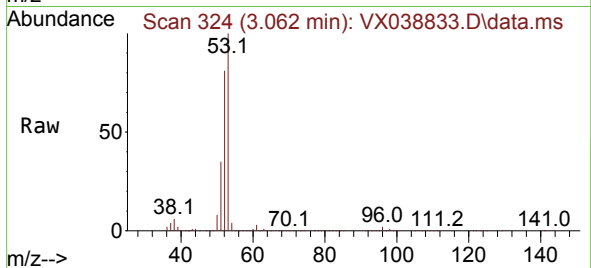




#15
Acrylonitrile
Concen: 264.358 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

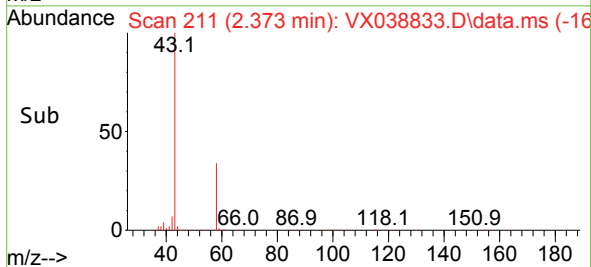
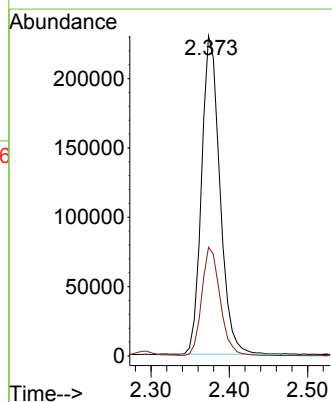
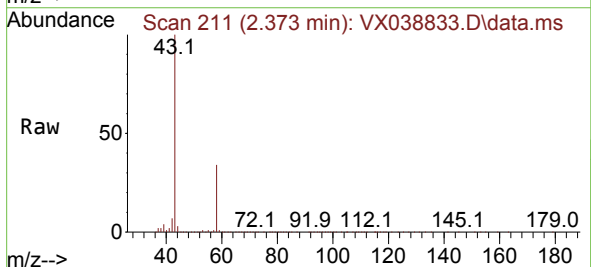
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

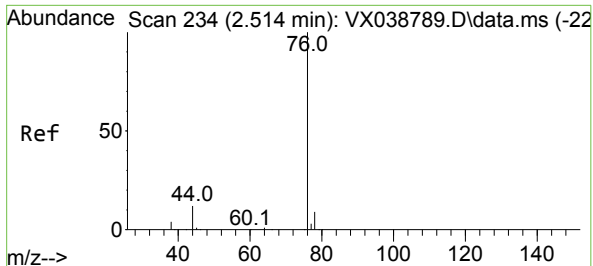
Tgt Ion: 53 Resp: 432157
Ion Ratio Lower Upper
53 100
52 81.3 66.0 99.0
51 34.3 29.8 44.6



#16
Acetone
Concen: 251.546 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 43 Resp: 372482
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 48.973 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

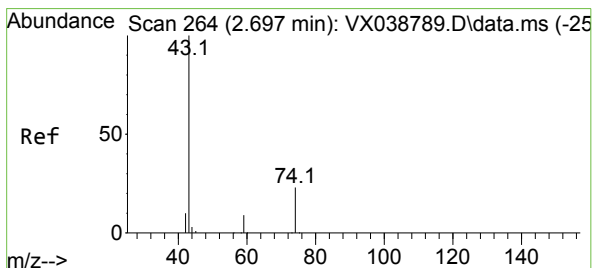
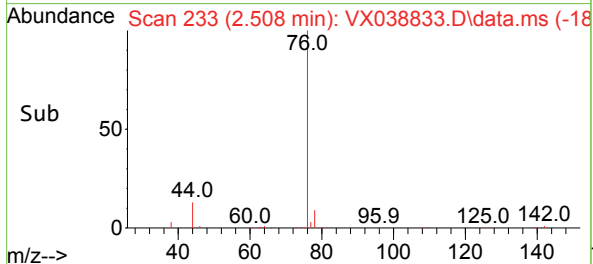
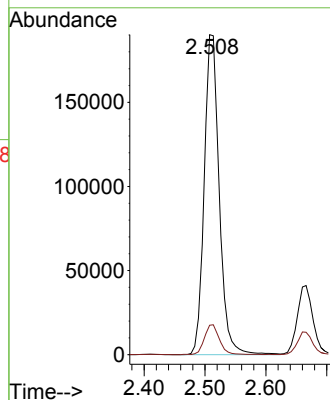
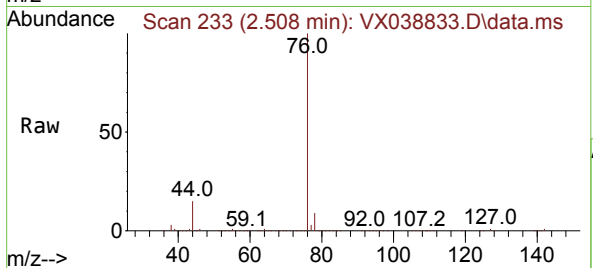
VSTDIC050

Tgt Ion: 76 Resp: 326392

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 53.863 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038833.D

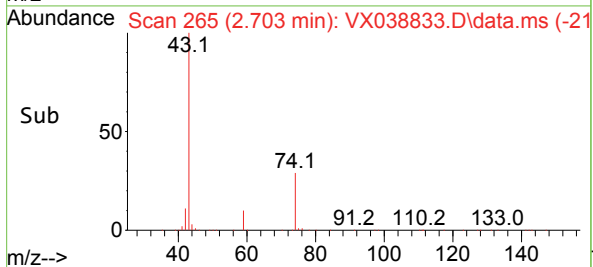
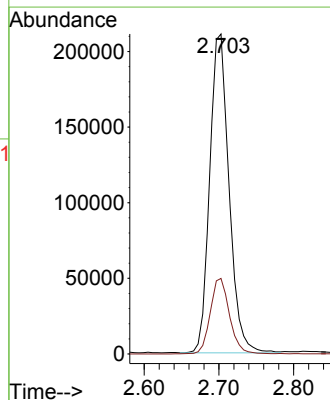
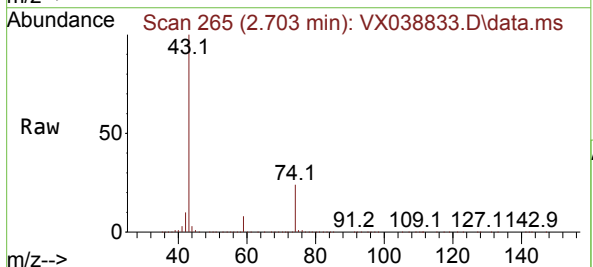
Acq: 16 Nov 2023 11:20

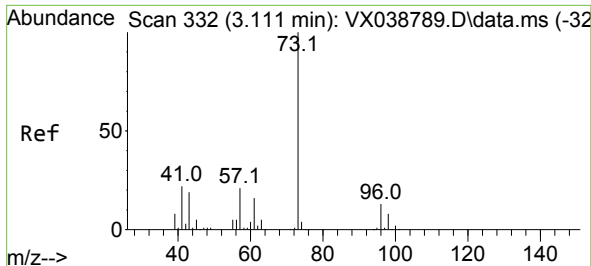
Tgt Ion: 43 Resp: 378846

Ion Ratio Lower Upper

43 100

74 23.6 17.8 26.8

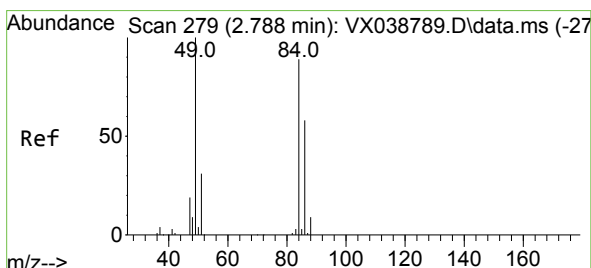
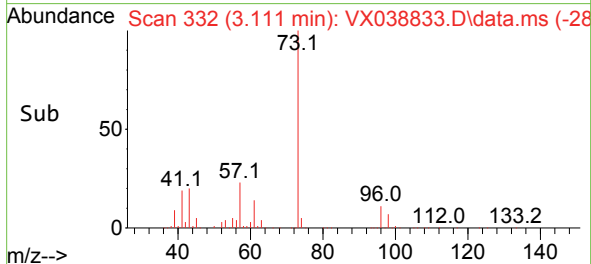
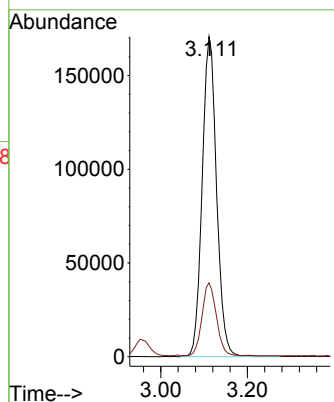
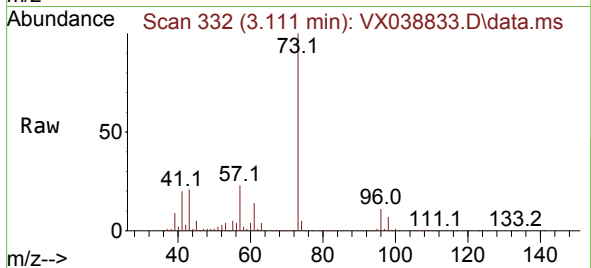




#19
Methyl tert-butyl Ether
Concen: 51.954 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

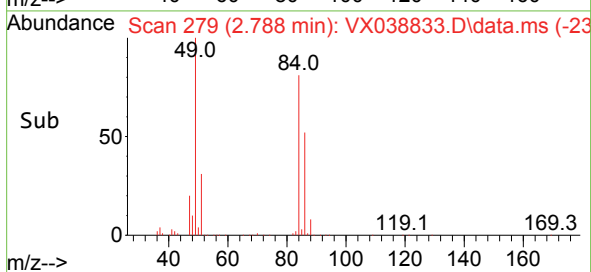
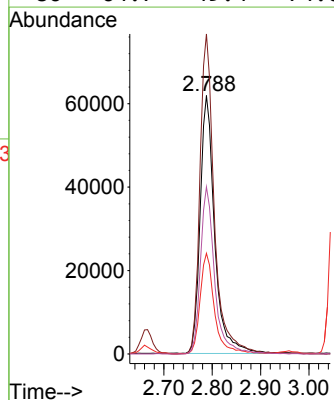
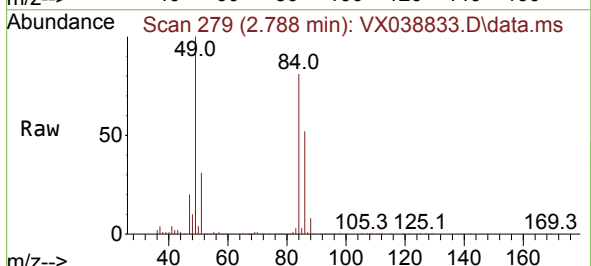
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

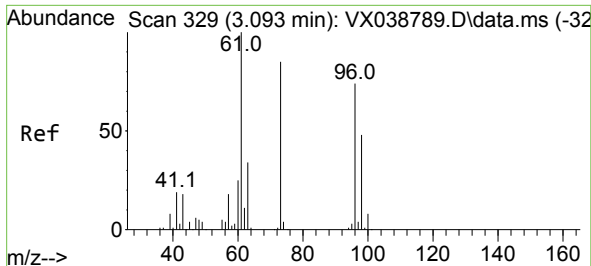
Tgt Ion: 73 Resp: 393166
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 48.333 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 84 Resp: 129017
Ion Ratio Lower Upper
84 100
49 124.0 103.6 155.4
51 38.8 33.8 50.6
86 64.7 49.4 74.0

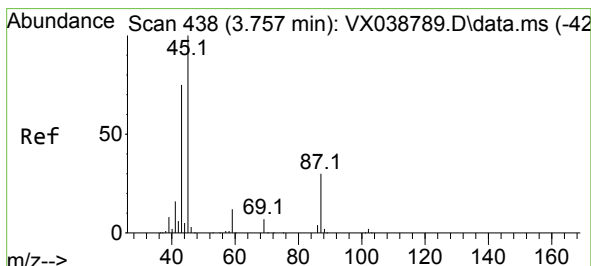
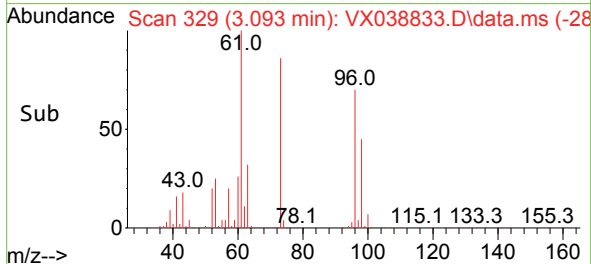
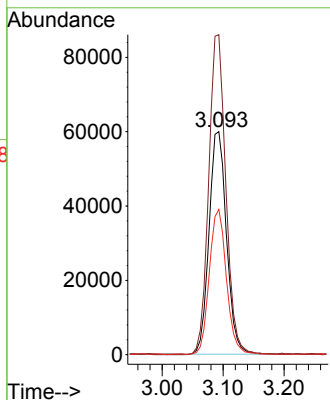
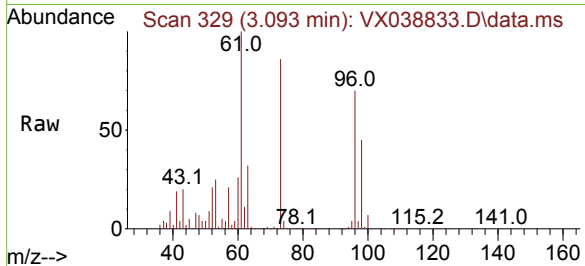




#21
trans-1,2-Dichloroethene
Concen: 50.457 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

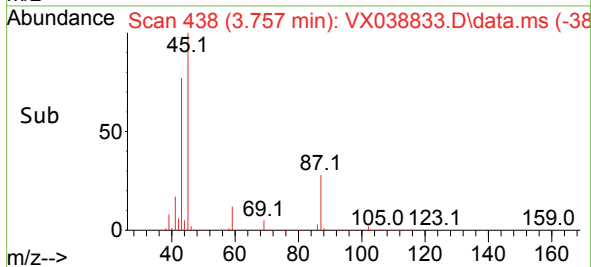
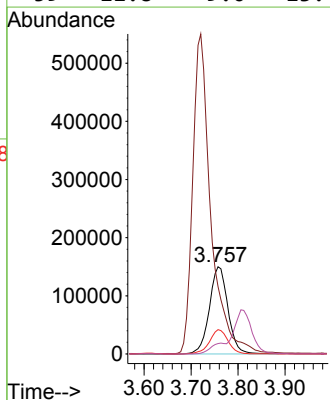
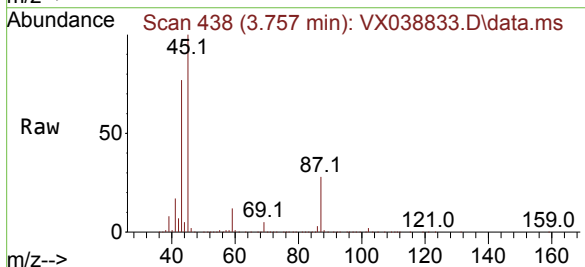
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

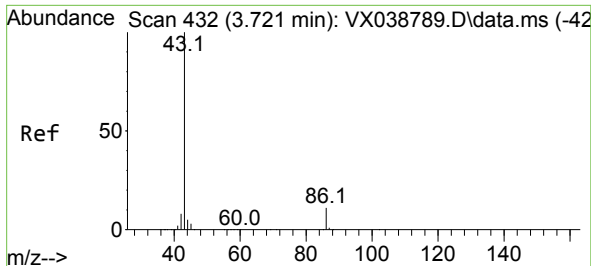
Tgt Ion: 96 Resp: 119789
Ion Ratio Lower Upper
96 100
61 143.7 119.2 178.8
98 65.0 48.7 73.1



#22
Diisopropyl ether
Concen: 51.825 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 45 Resp: 409558
Ion Ratio Lower Upper
45 100
43 76.3 69.7 104.5
87 27.9 20.8 31.2
59 11.8 9.0 13.4

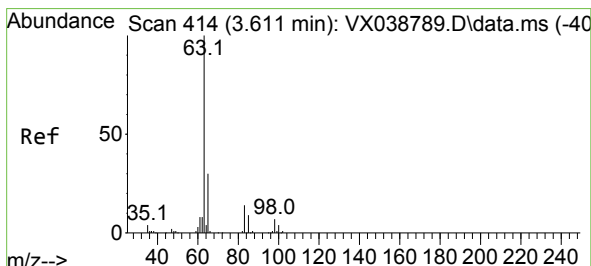
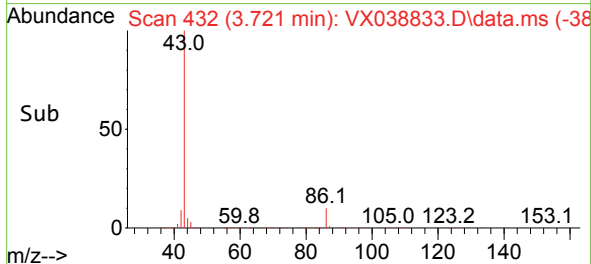
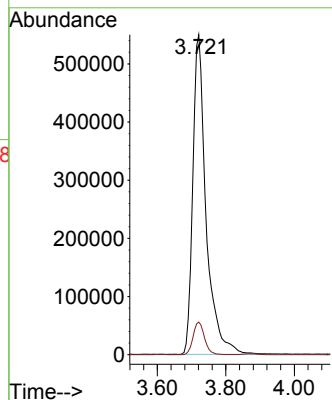
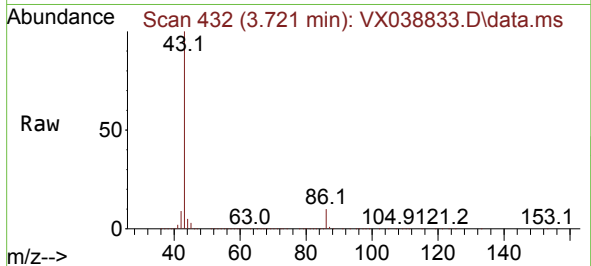




#23
 Vinyl Acetate
 Concen: 260.900 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX038833.D
 Acq: 16 Nov 2023 11:20

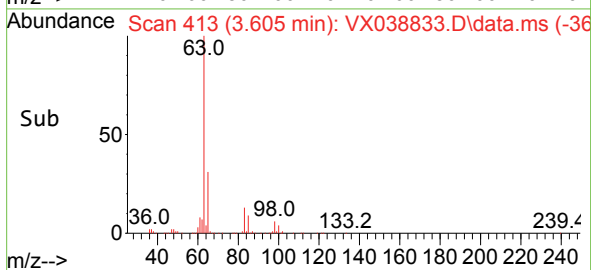
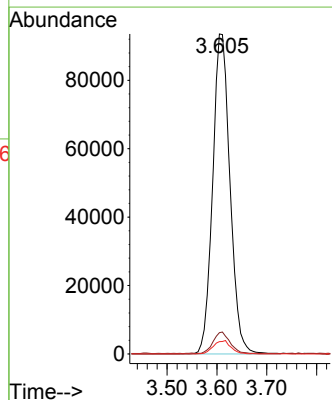
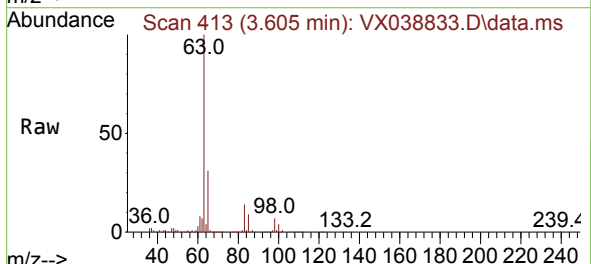
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

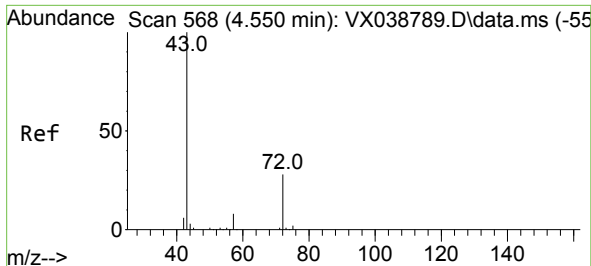
Tgt Ion: 43 Resp: 1484937
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.119 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038833.D
 Acq: 16 Nov 2023 11:20

Tgt Ion: 63 Resp: 225912
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.9 2.1 6.5

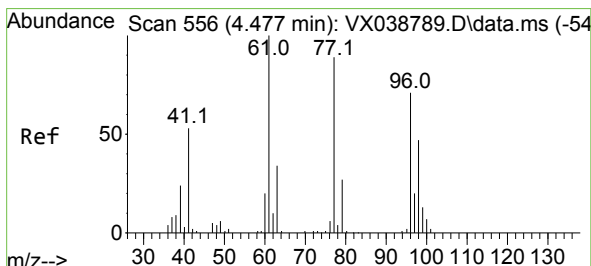
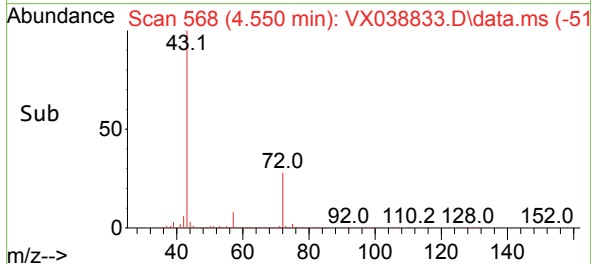
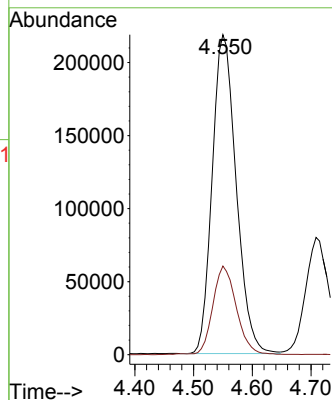
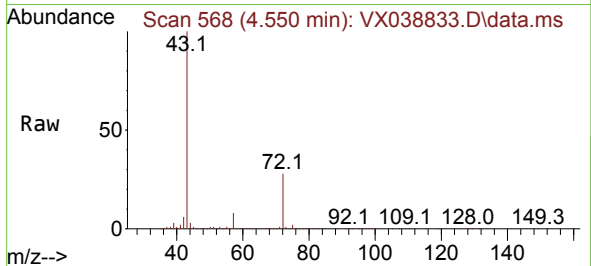




#25
2-Butanone
Concen: 257.606 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

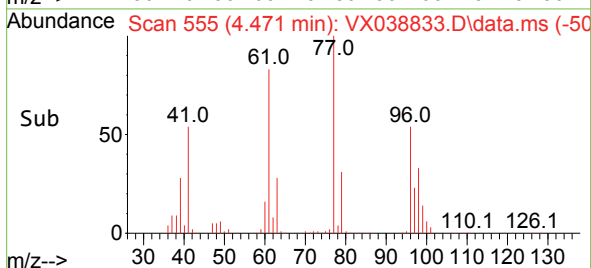
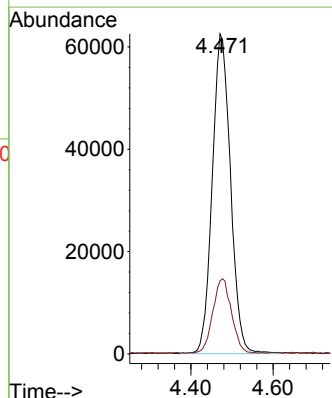
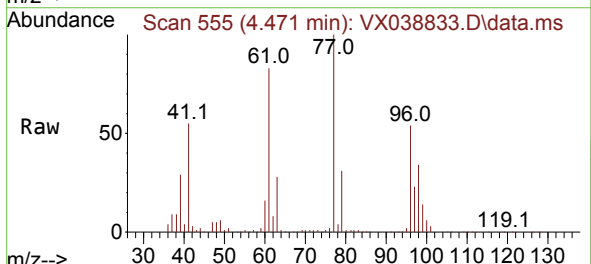
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

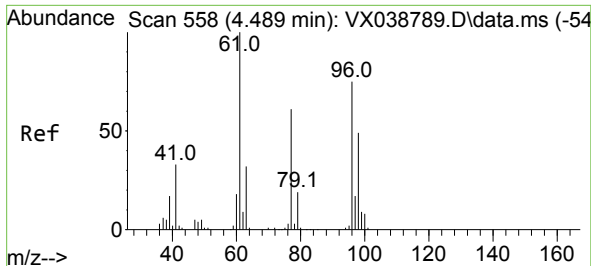
Tgt Ion: 43 Resp: 618582
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 50.241 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 77 Resp: 192595
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.423 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

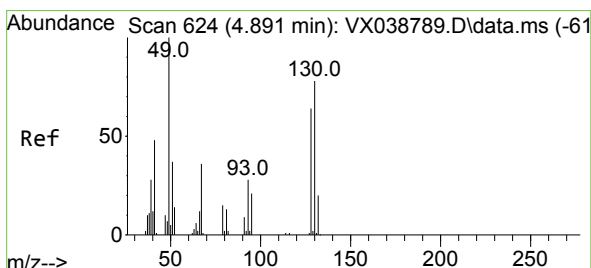
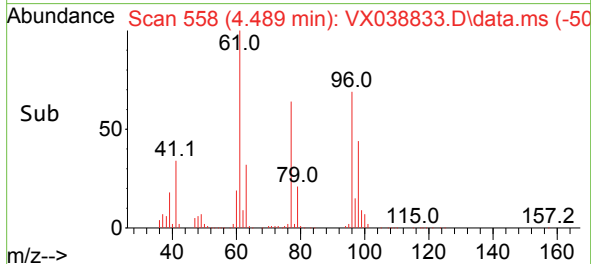
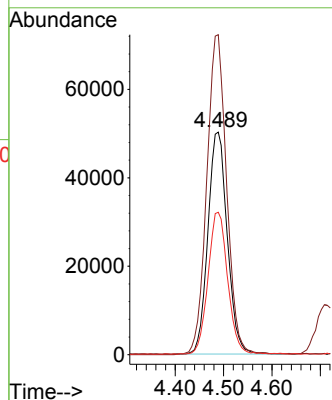
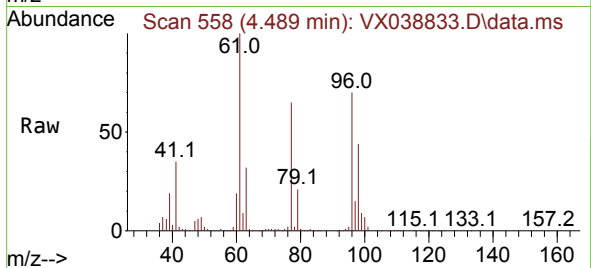
Tgt Ion: 96 Resp: 139535

Ion Ratio Lower Upper

96 100

61 148.4 0.0 312.2

98 64.8 0.0 129.0



#28

Bromochloromethane

Concen: 53.098 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

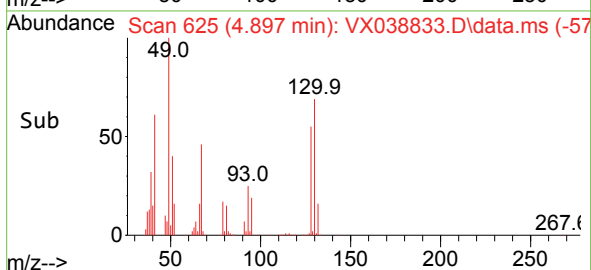
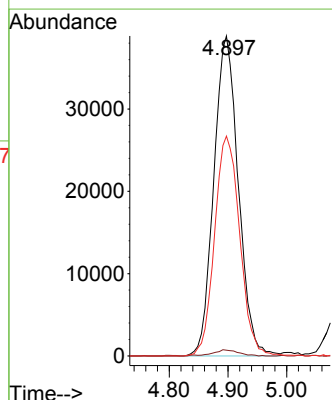
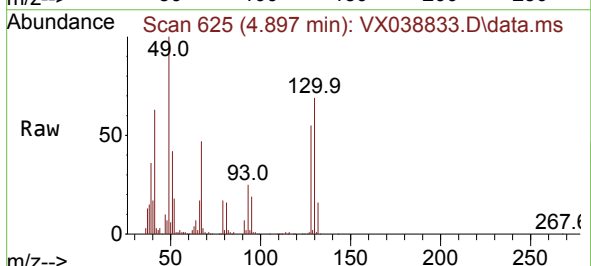
Tgt Ion: 49 Resp: 112663

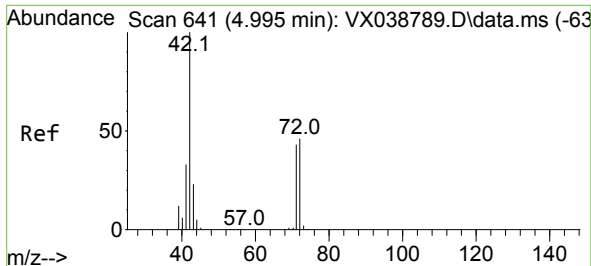
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 70.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 265.548 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

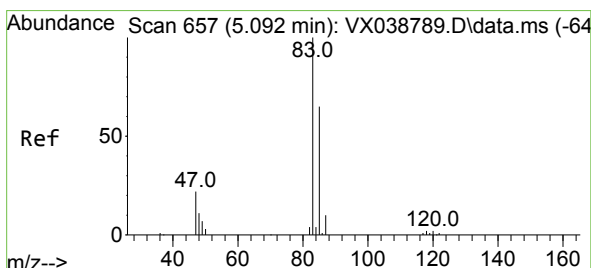
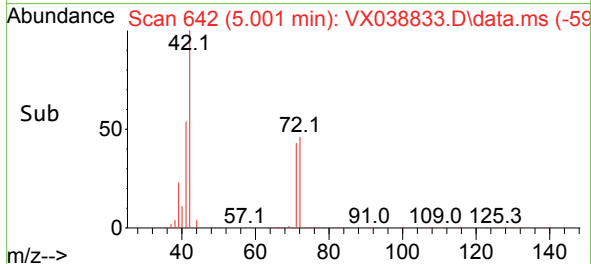
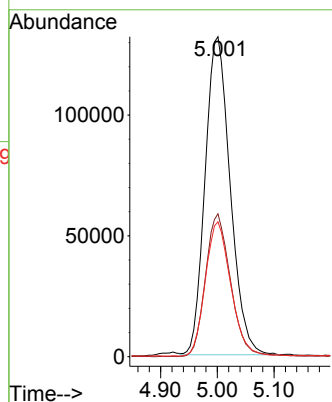
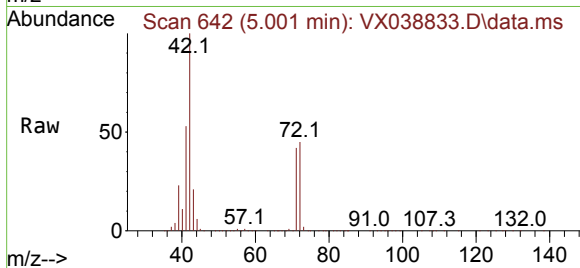
Tgt Ion: 42 Resp: 404874

Ion Ratio Lower Upper

42 100

72 45.0 34.2 51.4

71 42.6 32.2 48.2



#30

Chloroform

Concen: 50.055 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038833.D

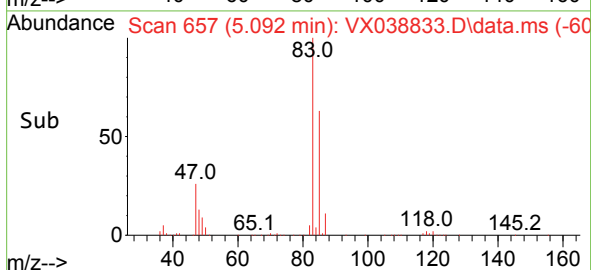
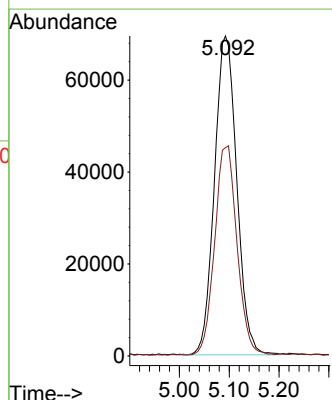
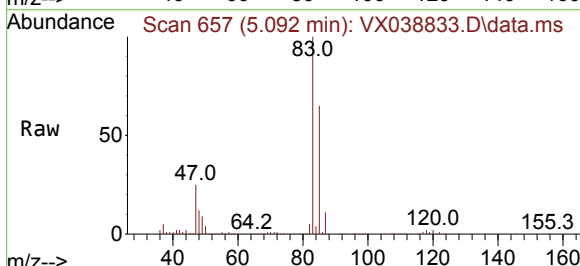
Acq: 16 Nov 2023 11:20

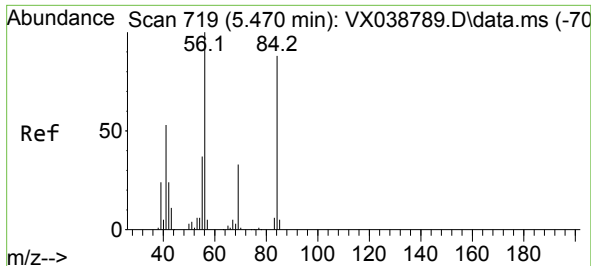
Tgt Ion: 83 Resp: 216003

Ion Ratio Lower Upper

83 100

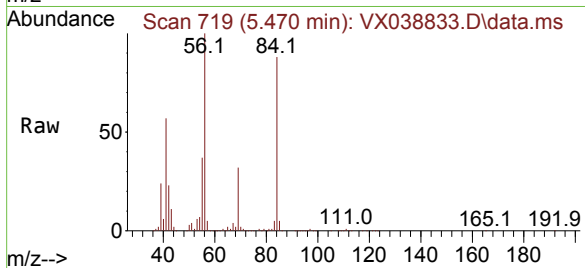
85 64.7 50.3 75.5



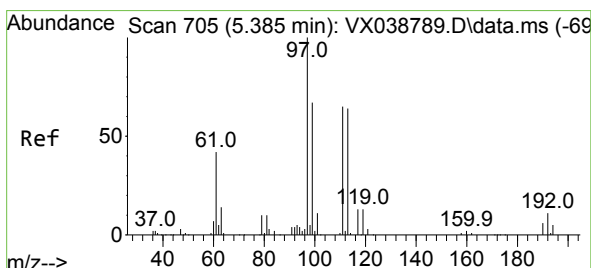
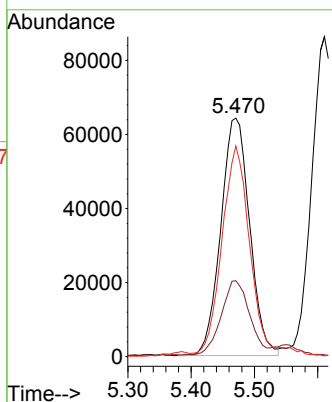
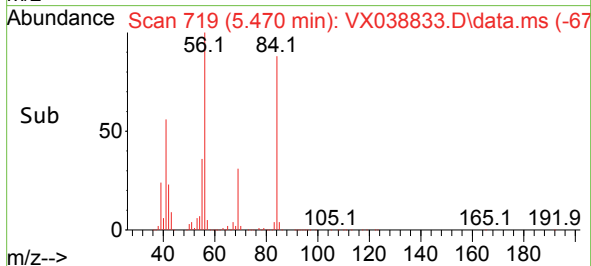


#31
Cyclohexane
Concen: 51.145 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

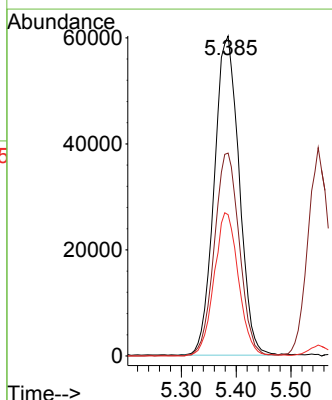
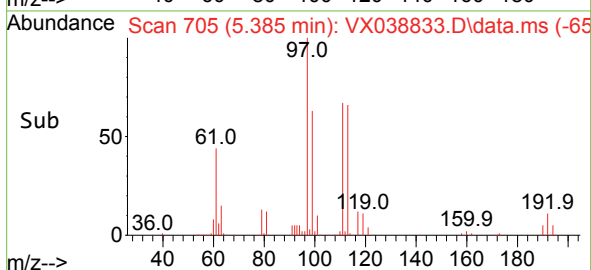
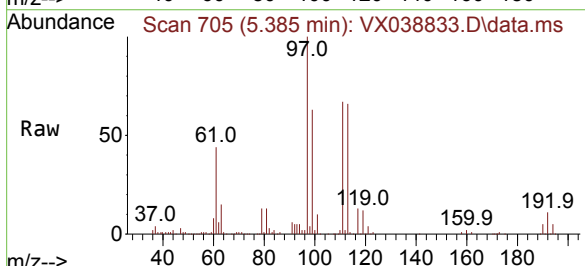


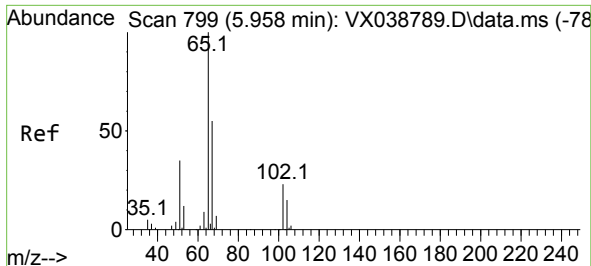
Tgt Ion: 56 Resp: 203119
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 86.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.732 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 97 Resp: 189624
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 44.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.988 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

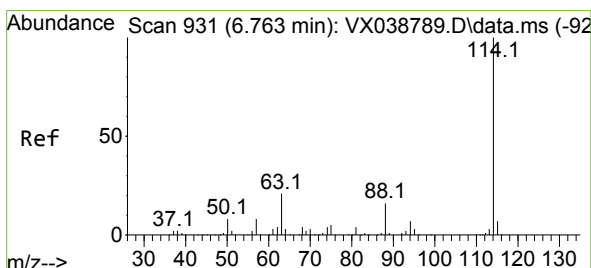
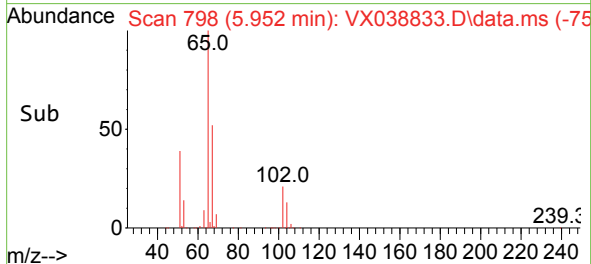
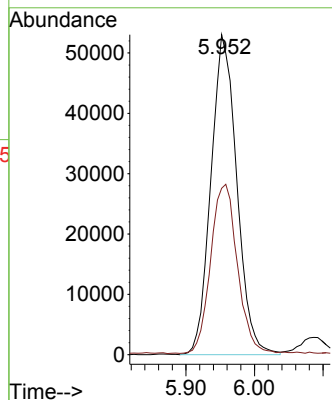
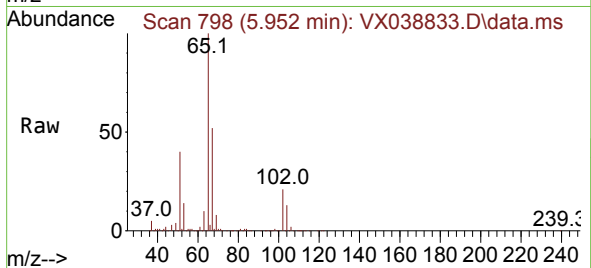
VSTDICC050

Tgt Ion: 65 Resp: 139048

Ion Ratio Lower Upper

65 100

67 54.2 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: VX038833.D

Acq: 16 Nov 2023 11:20

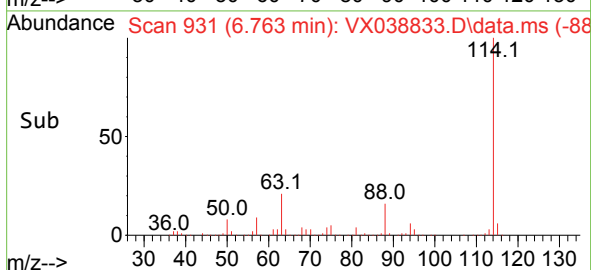
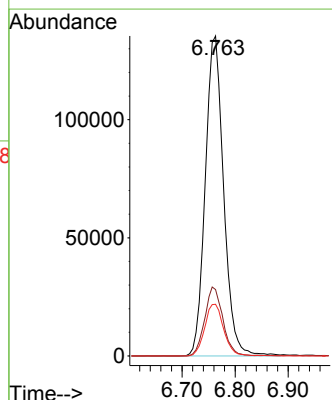
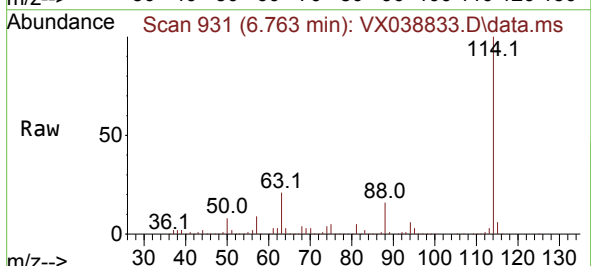
Tgt Ion: 114 Resp: 325705

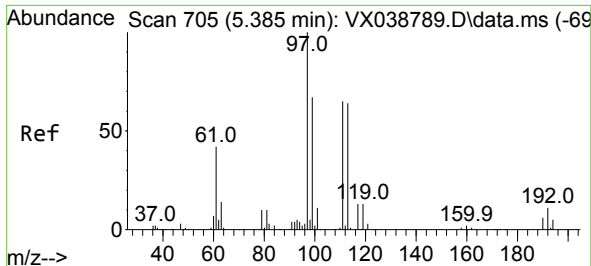
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.2 0.0 36.6

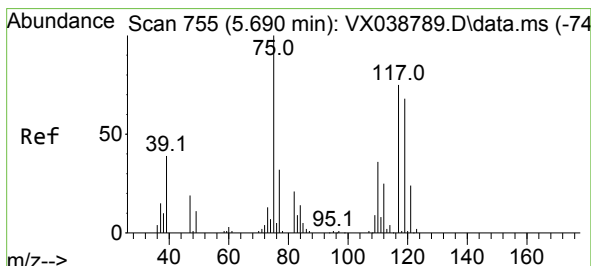
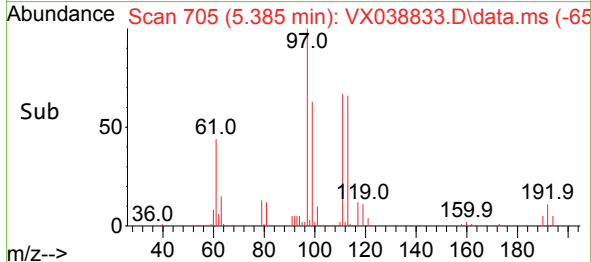
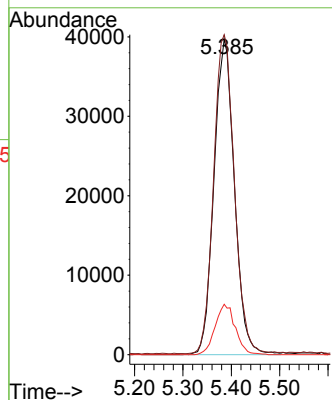
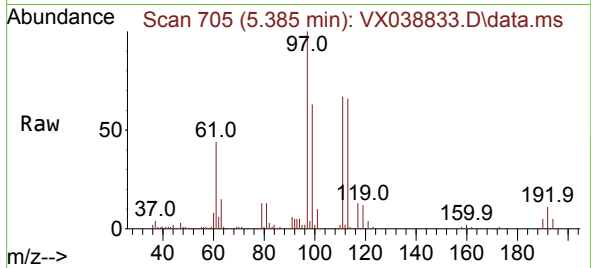




#35
Dibromofluoromethane
Concen: 49.516 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

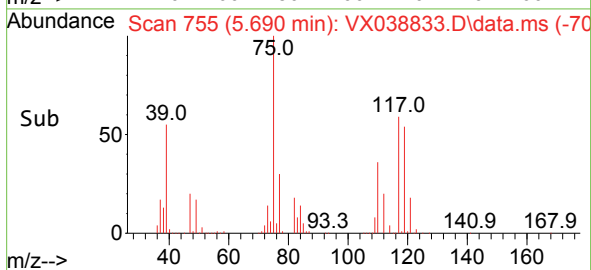
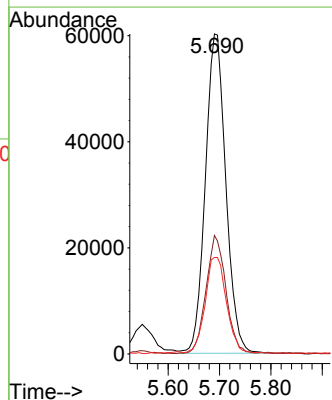
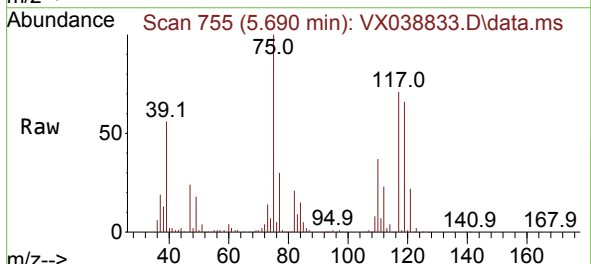
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

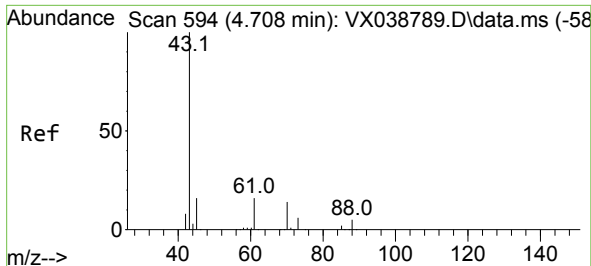
Tgt Ion:113 Resp: 116478
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 49.479 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 75 Resp: 166816
Ion Ratio Lower Upper
75 100
110 35.8 17.0 50.9
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 52.014 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

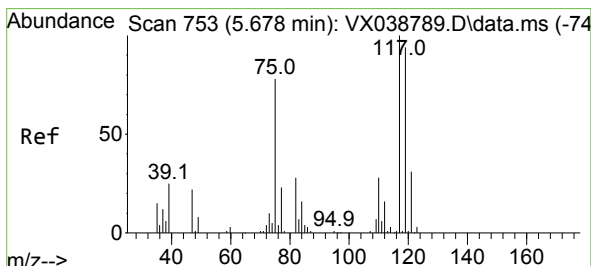
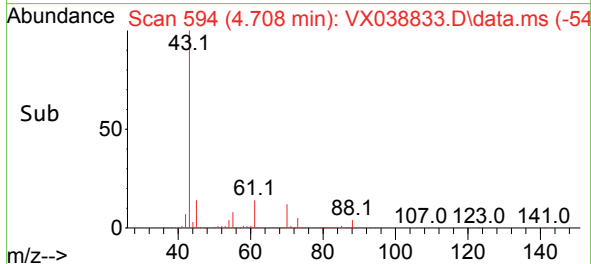
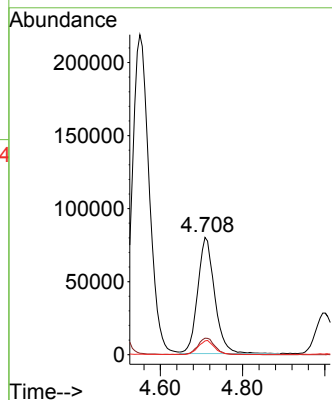
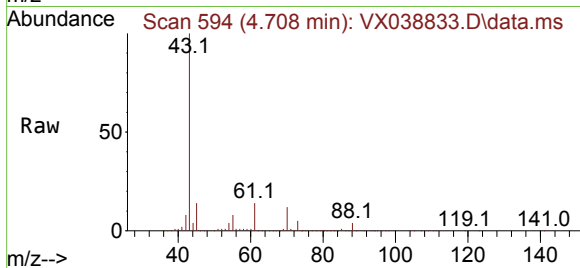
Tgt Ion: 43 Resp: 228469

Ion Ratio Lower Upper

43 100

61 14.2 10.6 16.0

70 11.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 50.796 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

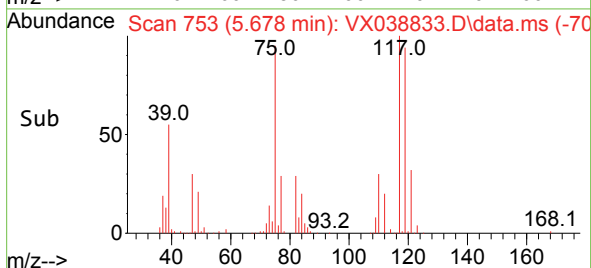
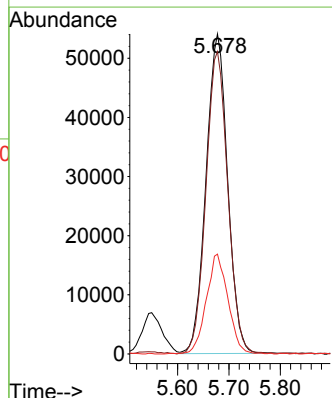
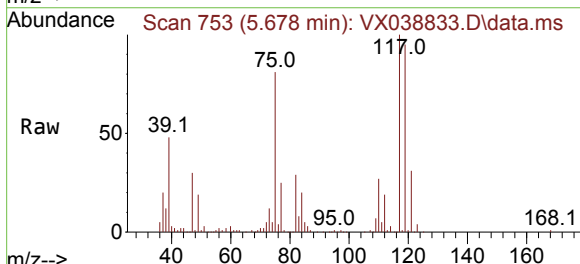
Tgt Ion: 117 Resp: 158278

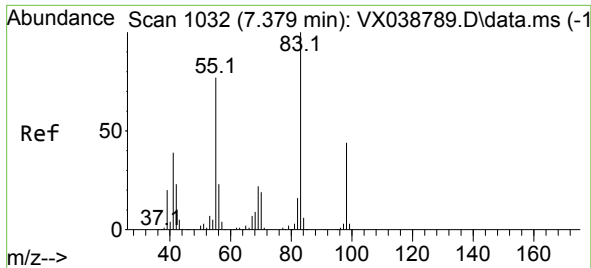
Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.2

121 31.1 24.4 36.6

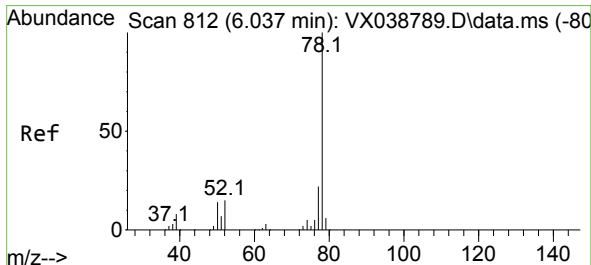
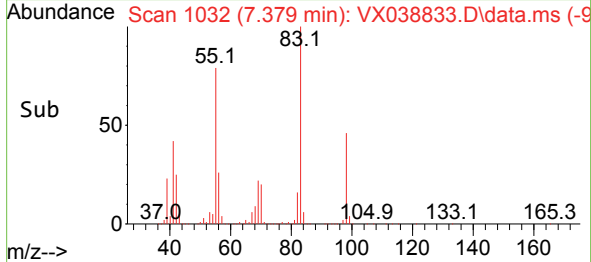
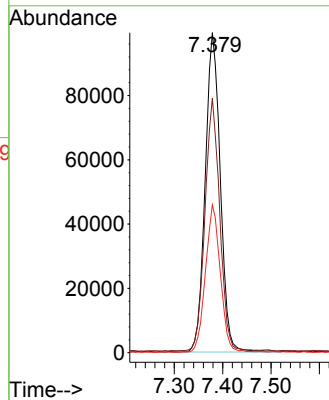
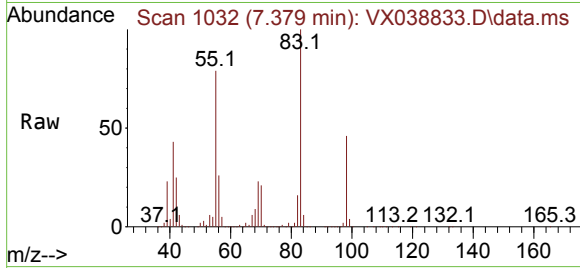




#39
Methylcyclohexane
Concen: 49.037 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

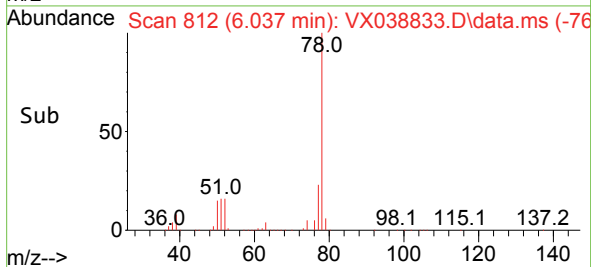
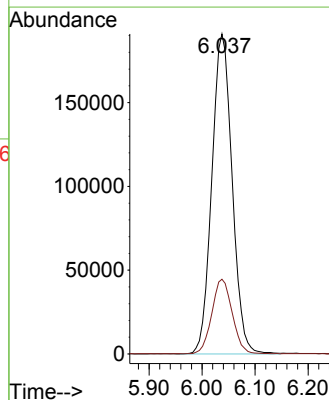
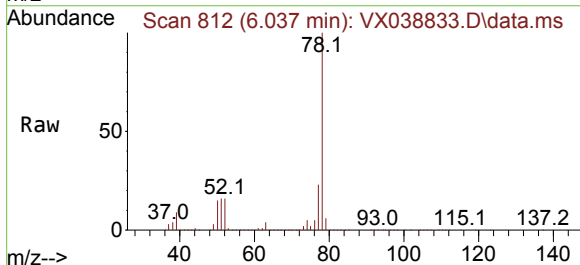
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

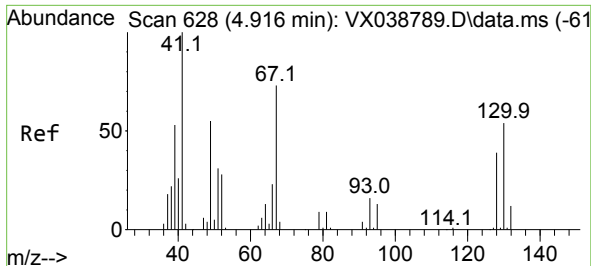
Tgt Ion: 83 Resp: 215646
Ion Ratio Lower Upper
83 100
55 79.0 64.6 97.0
98 46.1 36.7 55.1



#40
Benzene
Concen: 50.979 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 78 Resp: 508347
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



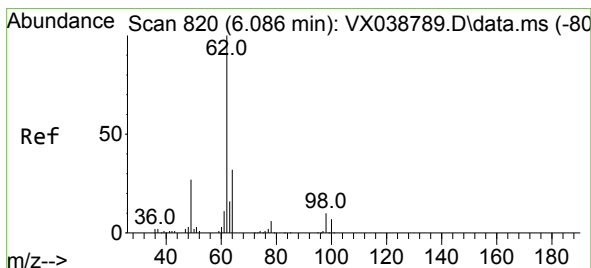
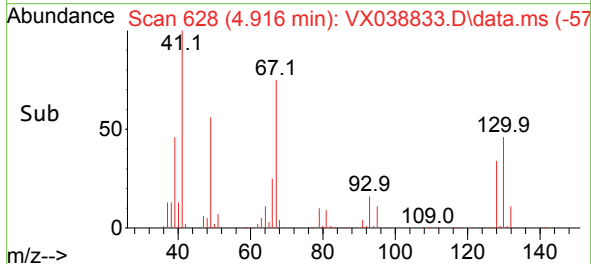
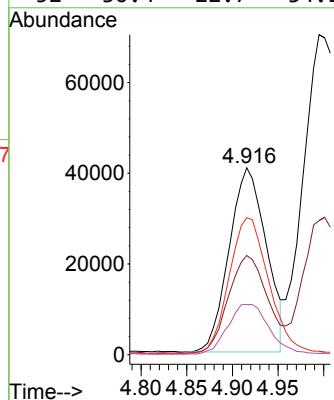
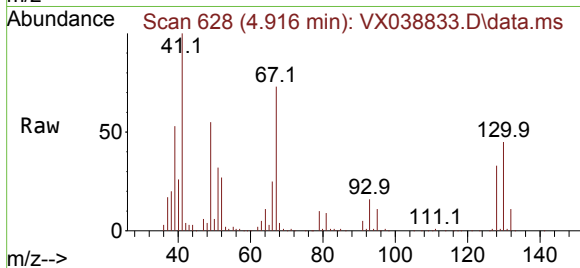


#41
Methacrylonitrile
Concen: 50.319 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 41 Resp: 114634

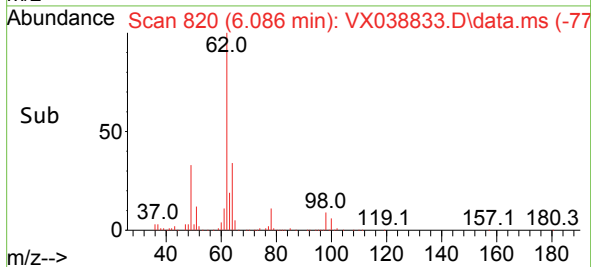
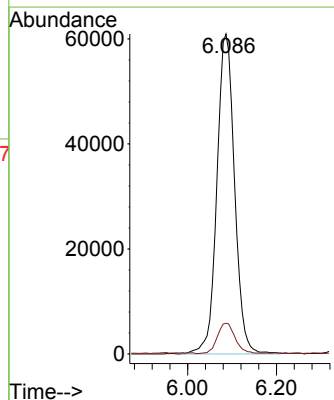
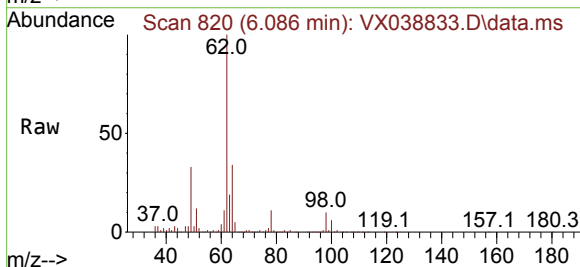
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.2	67.8
67	79.4	52.6	78.8
52	30.4	22.7	34.1

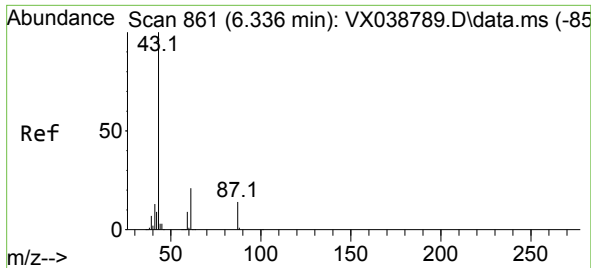


#42
1,2-Dichloroethane
Concen: 50.845 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 62 Resp: 167981

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.0

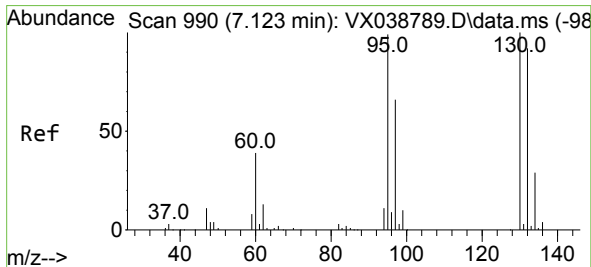
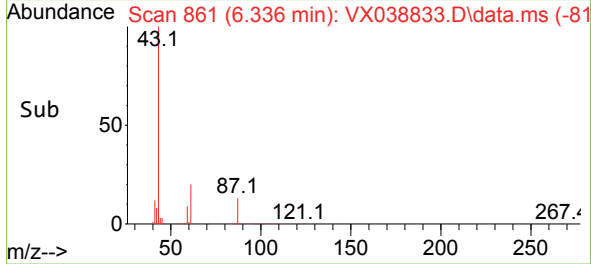
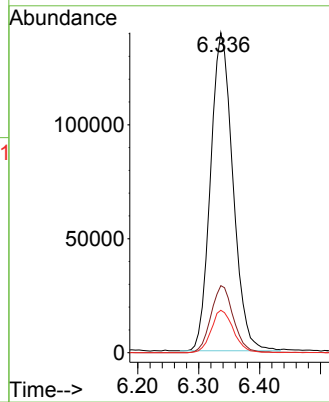
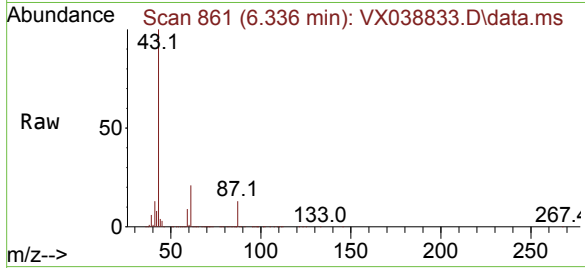




#43
Isopropyl Acetate
Concen: 50.814 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

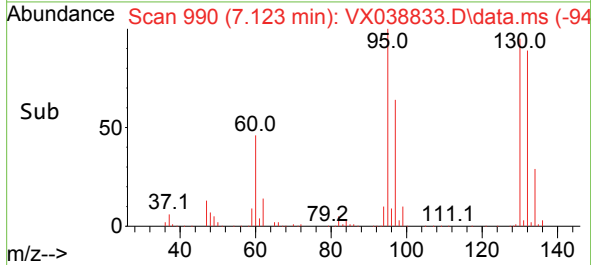
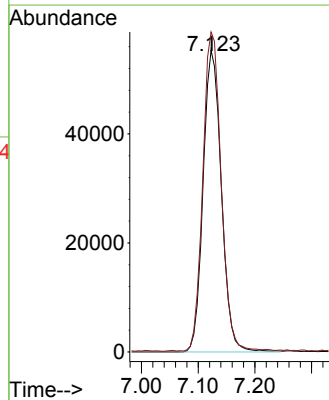
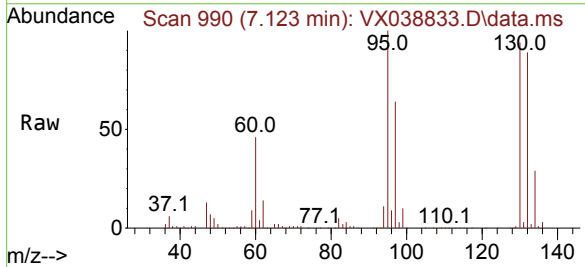
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

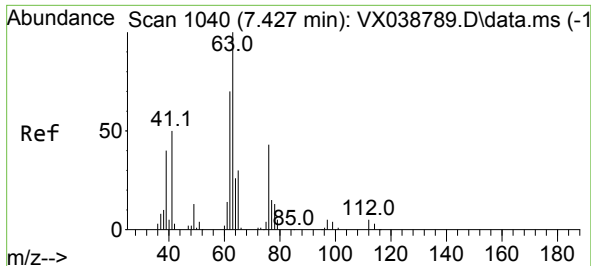
Tgt Ion: 43 Resp: 356703
Ion Ratio Lower Upper
43 100
61 21.1 15.2 22.8
87 13.3 9.8 14.6



#44
Trichloroethene
Concen: 50.983 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion:130 Resp: 123746
Ion Ratio Lower Upper
130 100
95 105.7 0.0 204.4

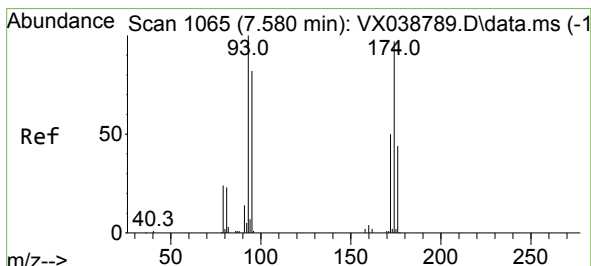
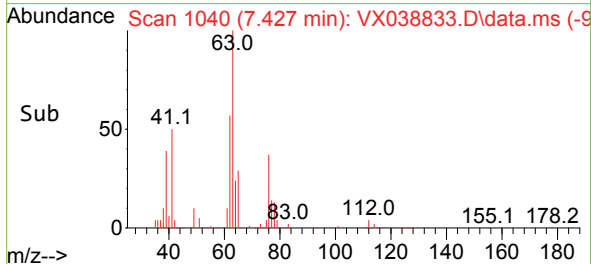
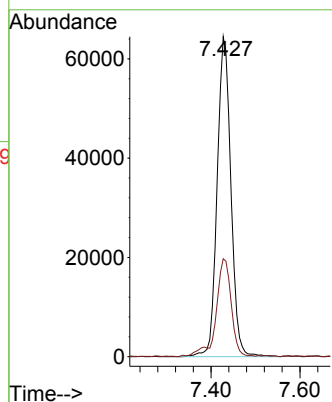
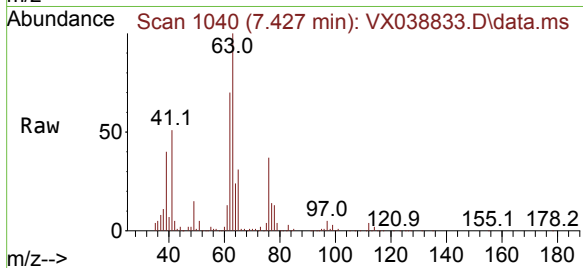




#45
1,2-Dichloropropane
Concen: 51.456 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

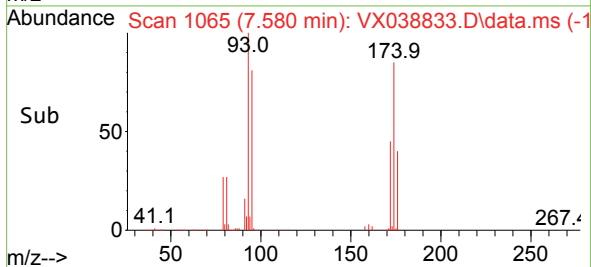
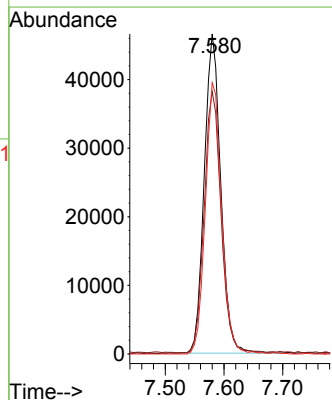
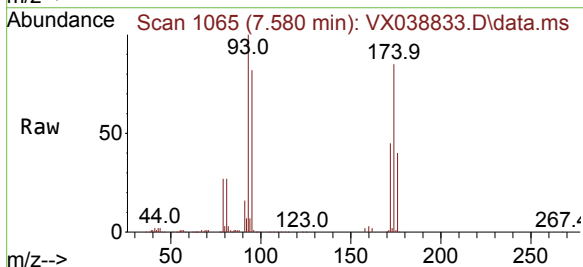
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

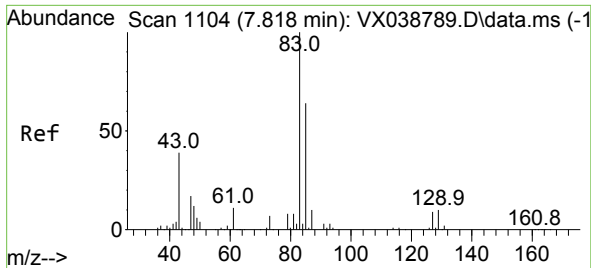
Tgt Ion: 63 Resp: 138079
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5



#46
Dibromomethane
Concen: 50.607 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 93 Resp: 90562
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 84.3 69.4 104.0

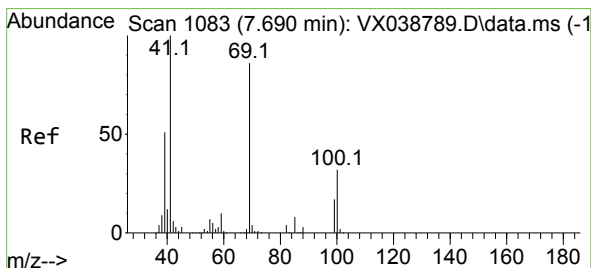
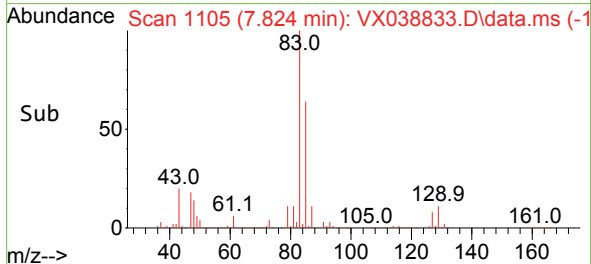
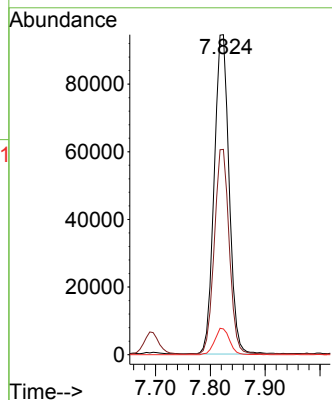
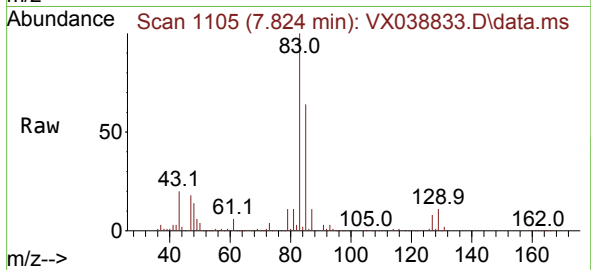




#47
 Bromodichloromethane
 Concen: 50.114 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: VX038833.D
 Acq: 16 Nov 2023 11:20

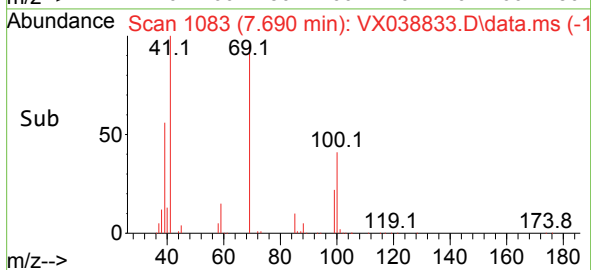
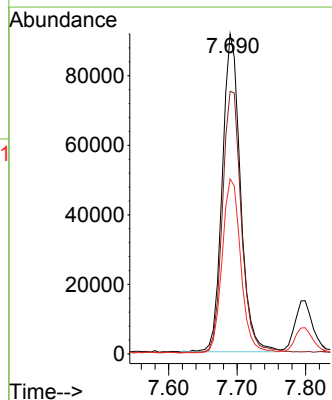
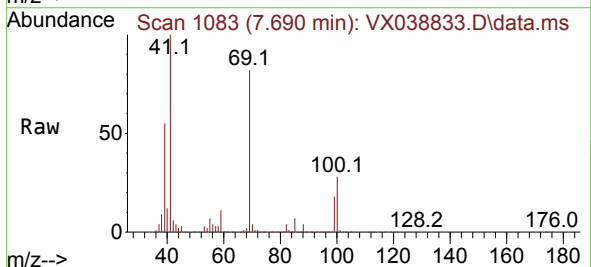
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

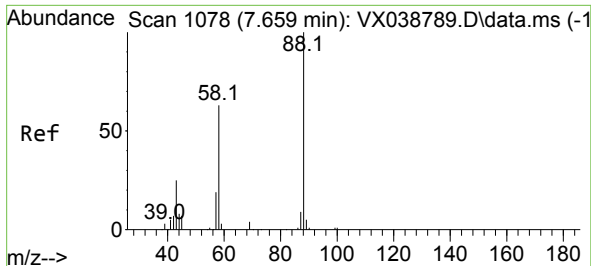
Tgt Ion: 83 Resp: 177992
 Ion Ratio Lower Upper
 83 100
 85 64.0 49.8 74.6
 127 8.1 7.1 10.7



#48
 Methyl methacrylate
 Concen: 49.159 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: VX038833.D
 Acq: 16 Nov 2023 11:20

Tgt Ion: 41 Resp: 167432
 Ion Ratio Lower Upper
 41 100
 69 85.9 59.2 88.8
 39 56.0 47.7 71.5

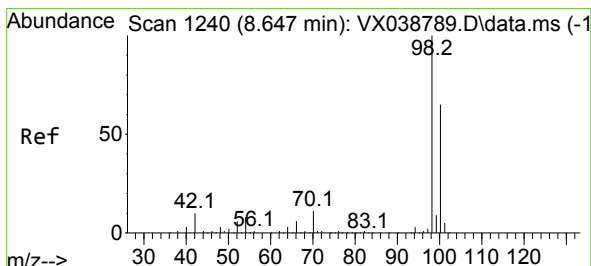
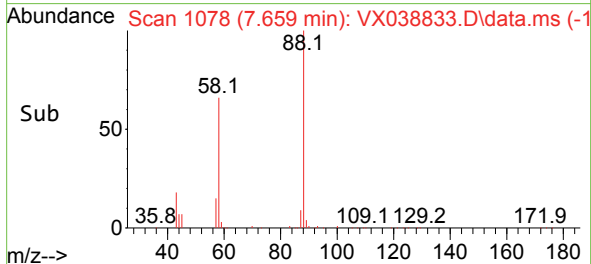
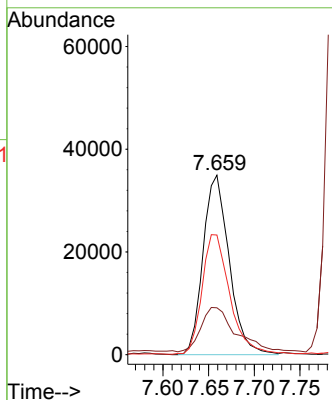
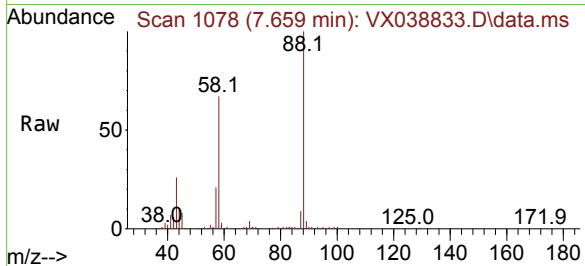




#49
1,4-Dioxane
Concen: 1055.623 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

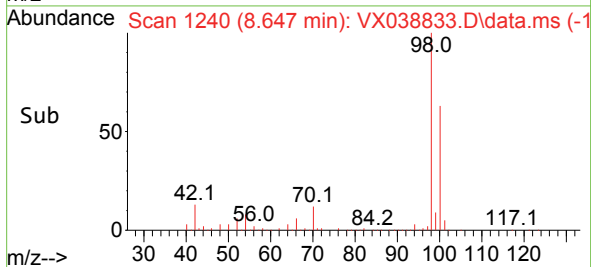
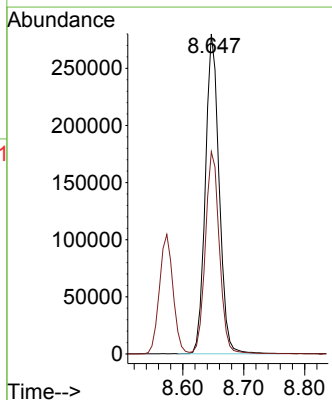
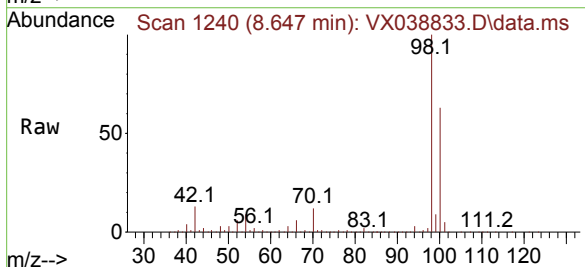
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

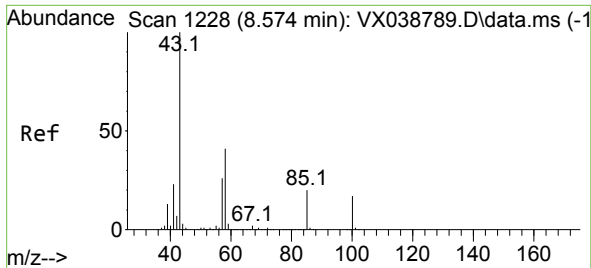
Tgt Ion: 88 Resp: 69557
Ion Ratio Lower Upper
88 100
43 32.8 0.0 0.0#
58 70.5 60.1 90.1



#50
Toluene-d8
Concen: 48.968 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 98 Resp: 440718
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

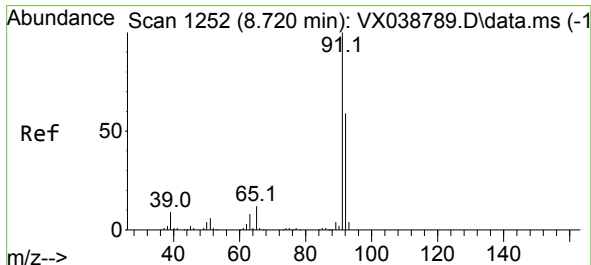
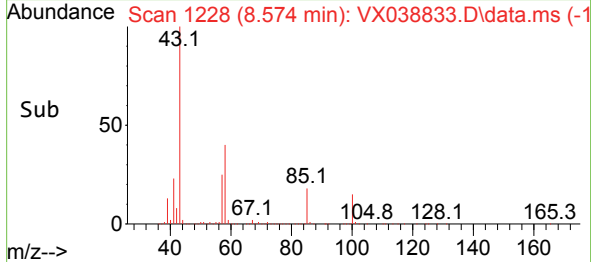
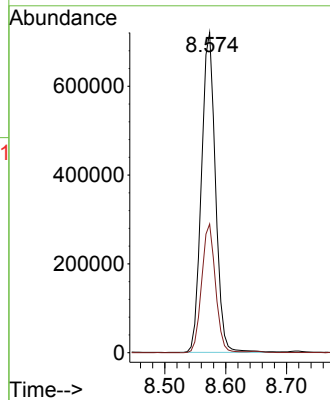
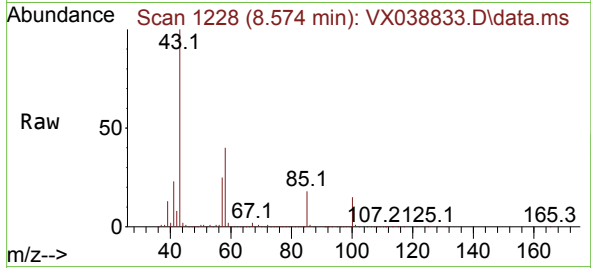




#51
4-Methyl-2-Pentanone
Concen: 256.930 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

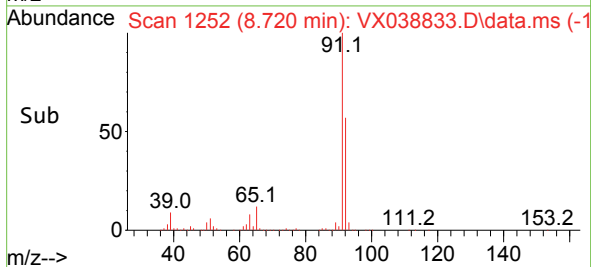
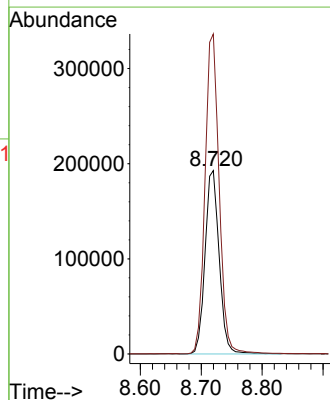
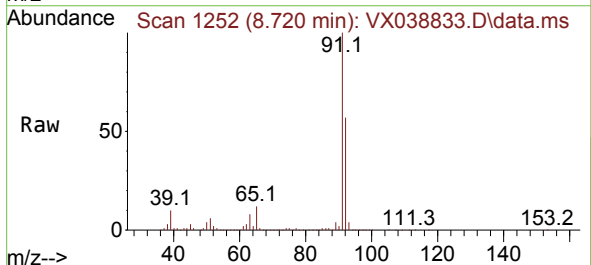
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

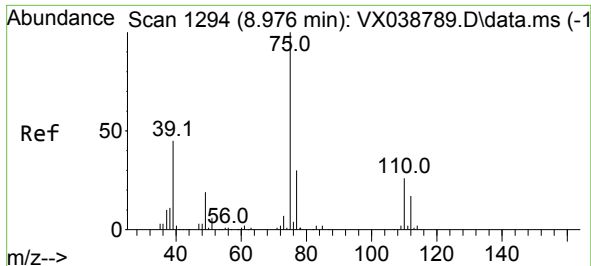
Tgt Ion: 43 Resp: 1152595
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6



#52
Toluene
Concen: 50.154 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 92 Resp: 310350
Ion Ratio Lower Upper
92 100
91 174.1 134.2 201.2

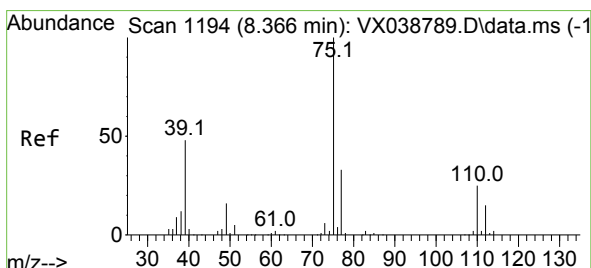
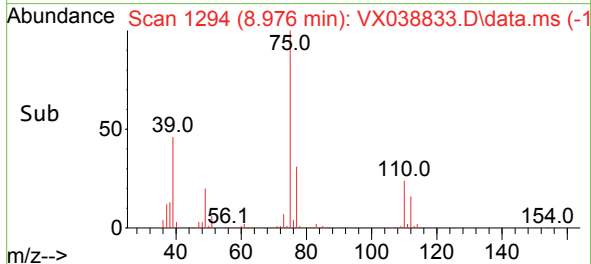
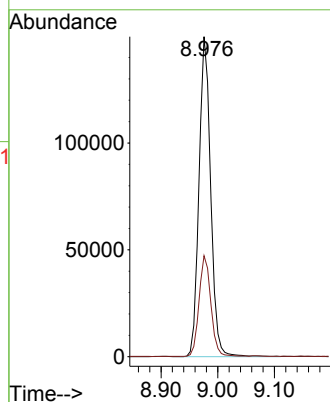
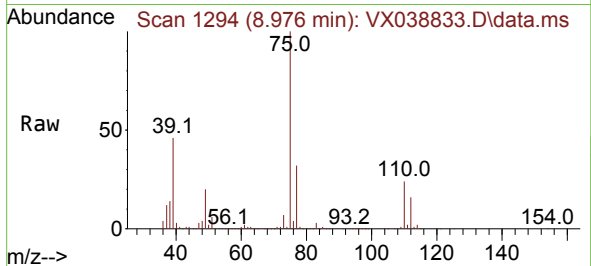




#53
t-1,3-Dichloropropene
Concen: 50.669 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

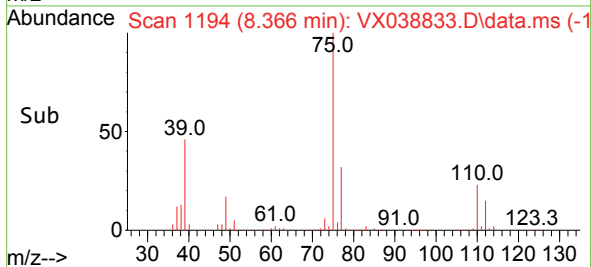
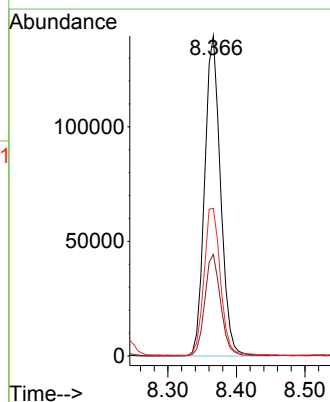
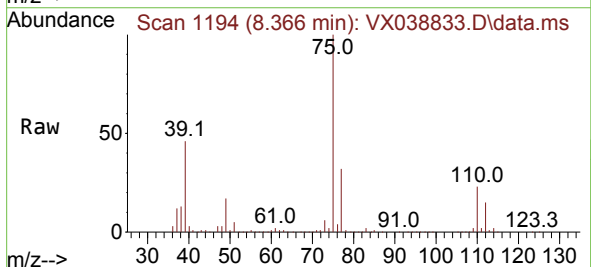
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

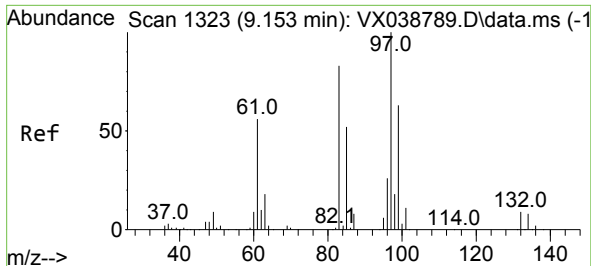
Tgt Ion: 75 Resp: 213866
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 51.783 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 75 Resp: 225770
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 45.9 46.7 70.1#

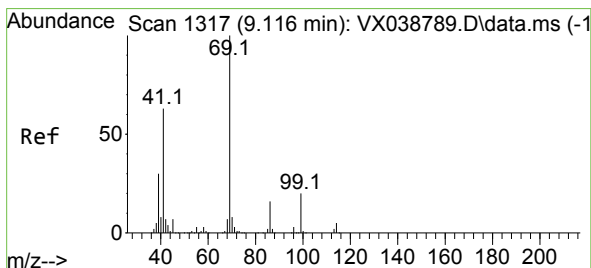
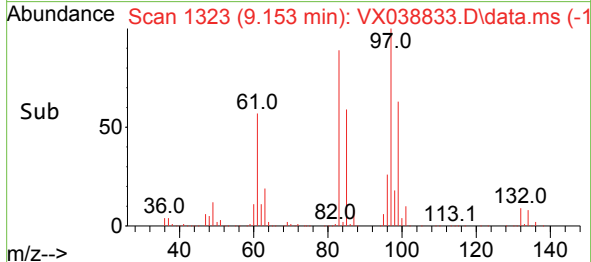
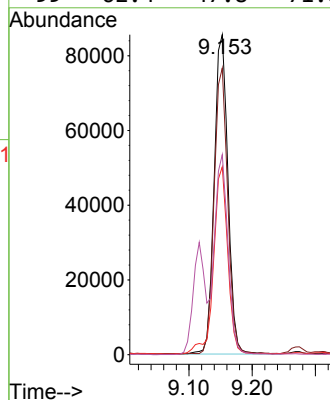
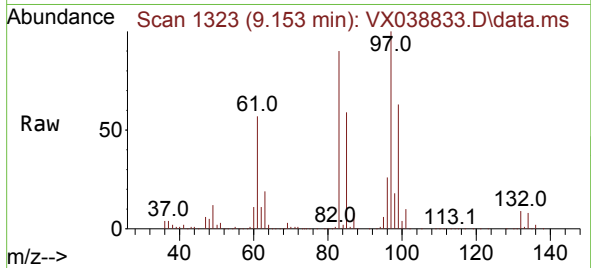




#55
1,1,2-Trichloroethane
Concen: 49.979 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

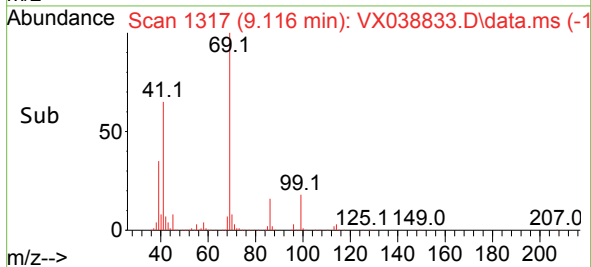
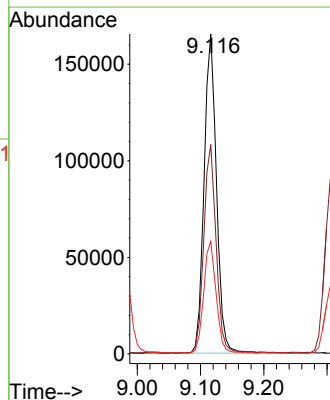
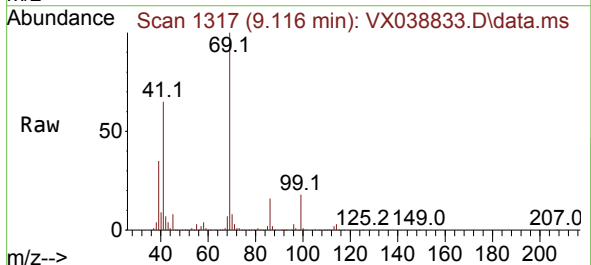
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

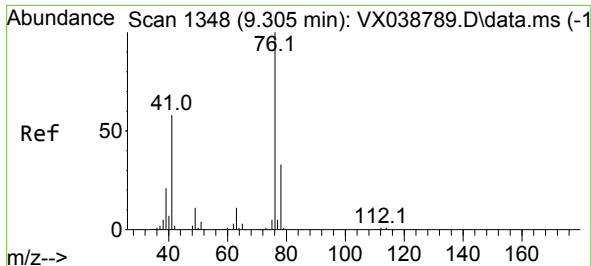
Tgt Ion:	97	Resp:	129043
Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.8	98.8
85	58.6	41.6	62.4
99	62.4	47.8	71.8



#56
Ethyl methacrylate
Concen: 51.782 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion:	69	Resp:	226212
Ion	Ratio	Lower	Upper
69	100		
41	65.3	56.8	85.2
39	35.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.933 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

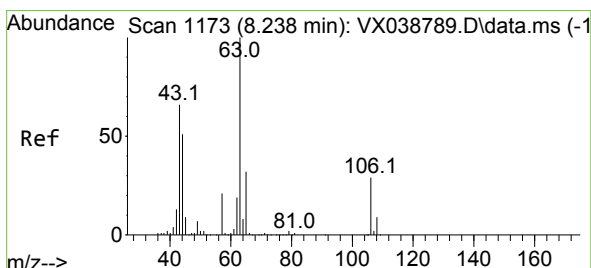
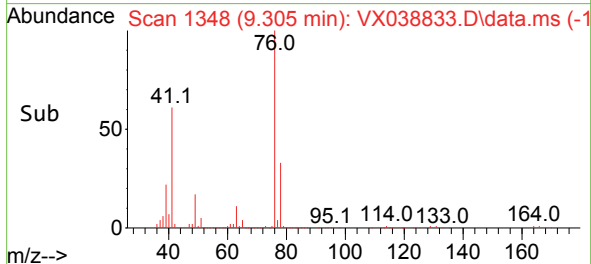
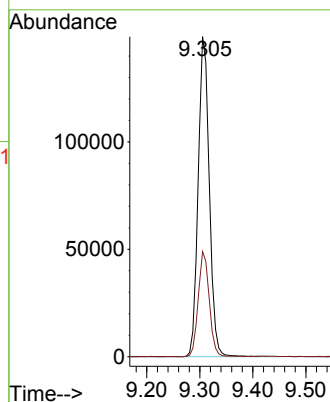
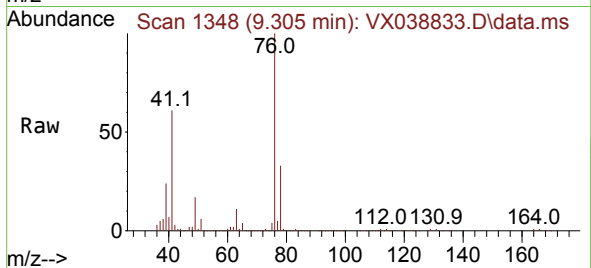
VSTDICC050

Tgt Ion: 76 Resp: 217492

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 274.003 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038833.D

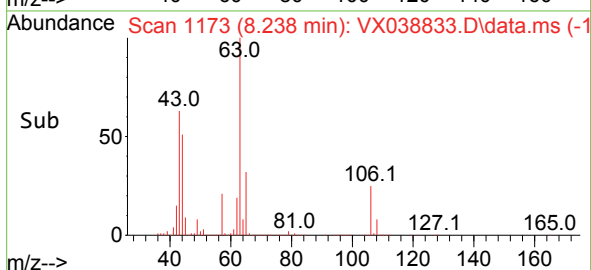
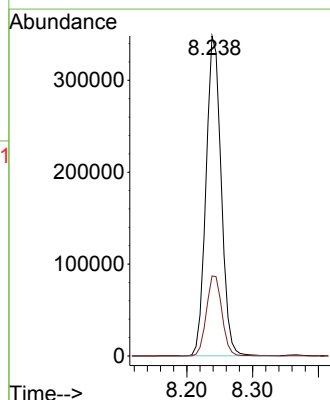
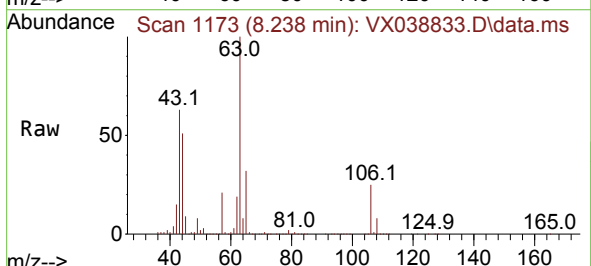
Acq: 16 Nov 2023 11:20

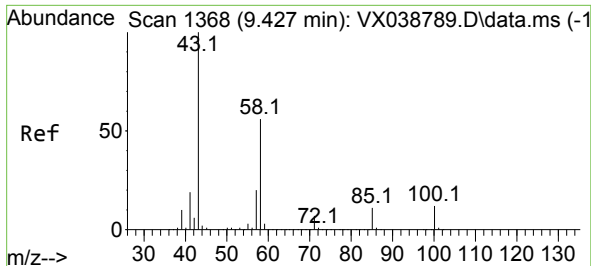
Tgt Ion: 63 Resp: 557611

Ion Ratio Lower Upper

63 100

106 25.7 22.5 33.7

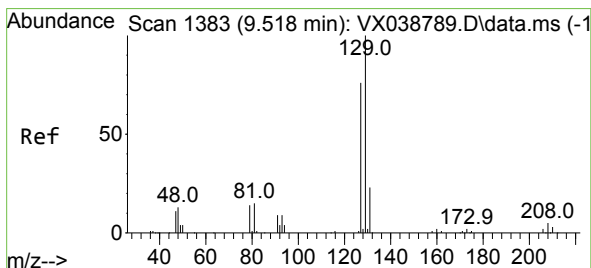
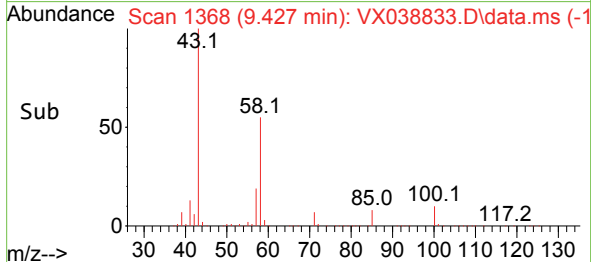
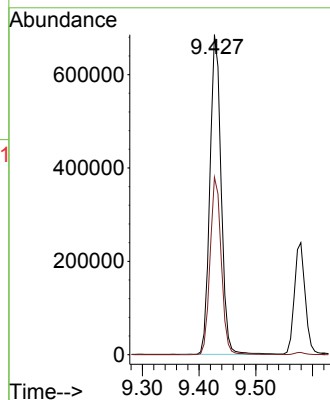
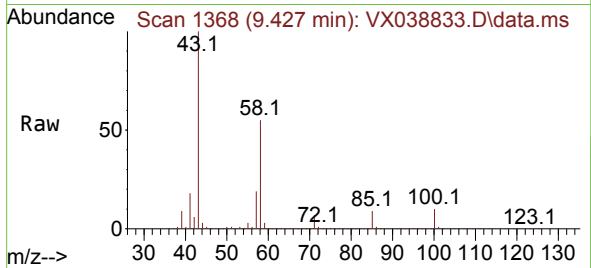




#59
2-Hexanone
Concen: 261.822 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

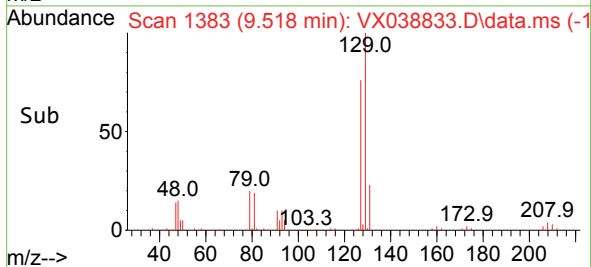
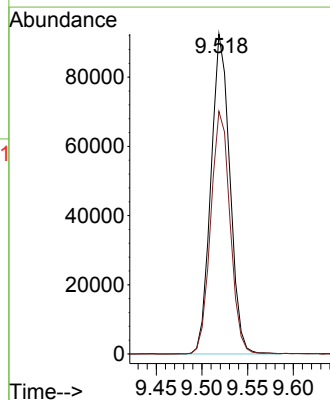
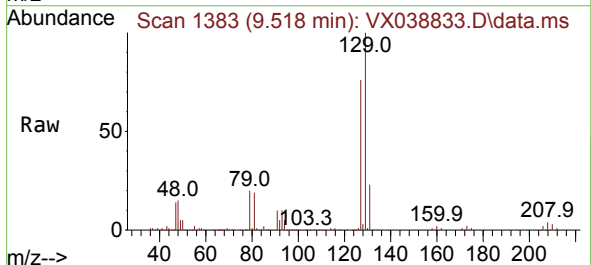
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

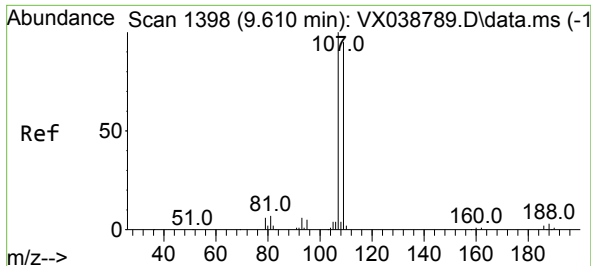
Tgt Ion: 43 Resp: 941424
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5



#60
Dibromochloromethane
Concen: 50.711 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 129 Resp: 133131
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

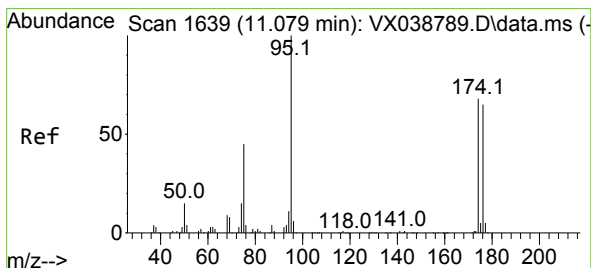
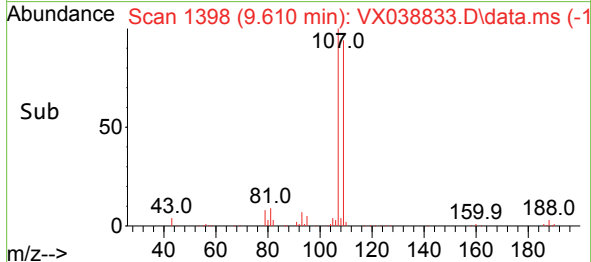
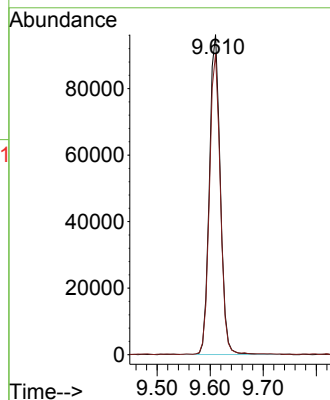
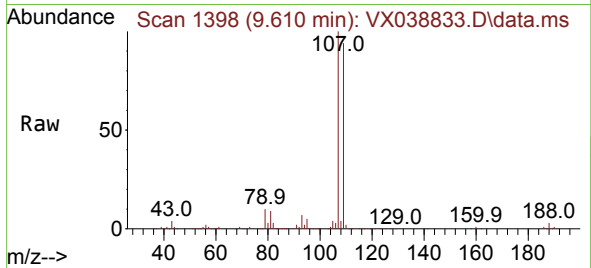




#61
1,2-Dibromoethane
Concen: 50.519 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

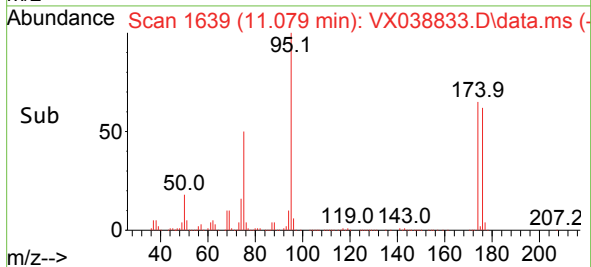
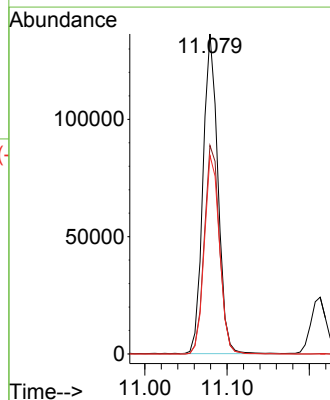
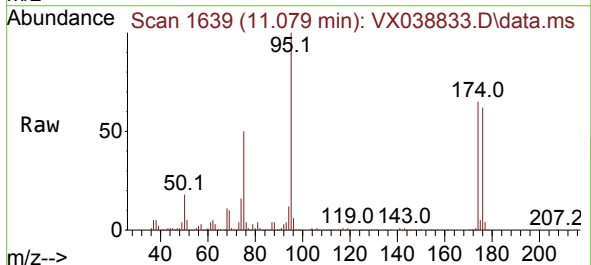
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

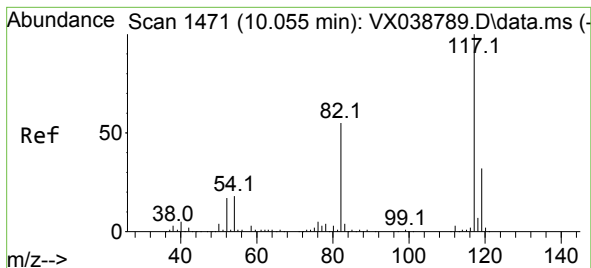
Tgt Ion:107 Resp: 136873
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 47.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 95 Resp: 171159
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 63.6 0.0 131.0

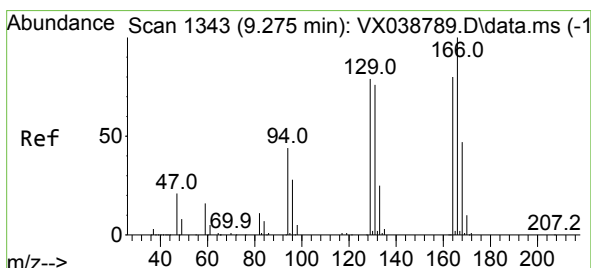
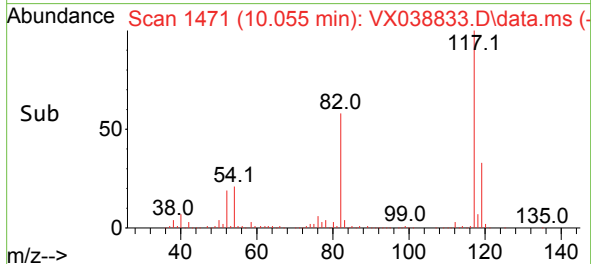
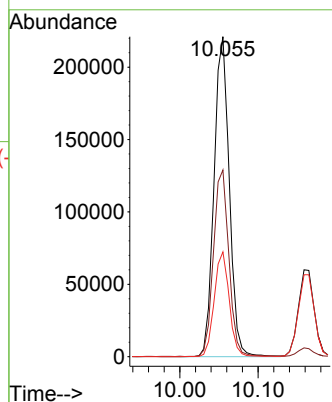
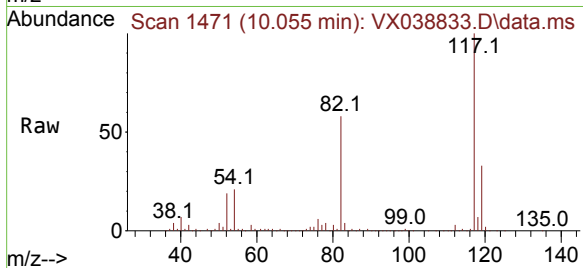




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

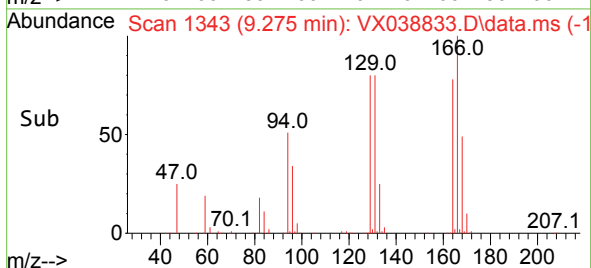
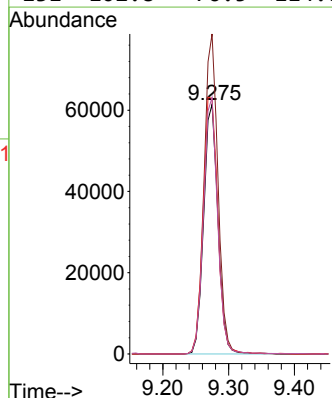
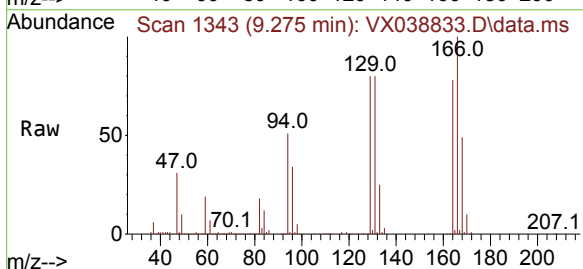
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

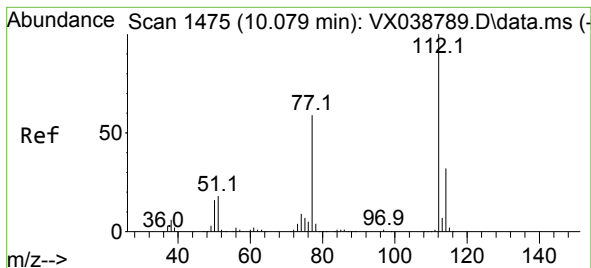
Tgt Ion:117 Resp: 298758
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 49.726 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion:164 Resp: 92342
Ion Ratio Lower Upper
164 100
166 128.2 102.7 154.1
129 102.4 80.4 120.6
131 102.8 76.5 114.7

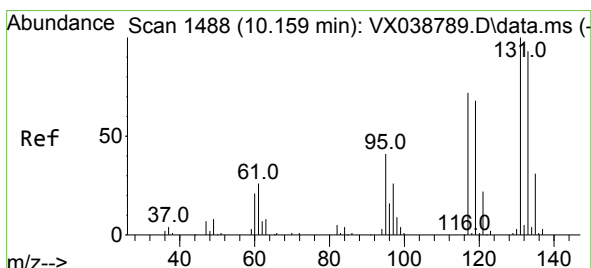
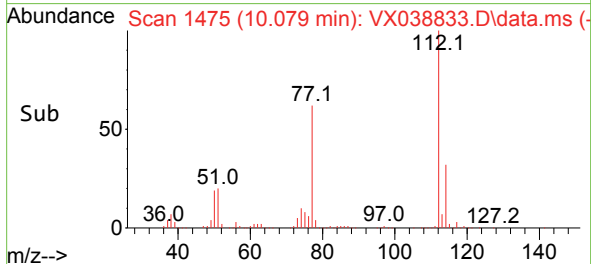
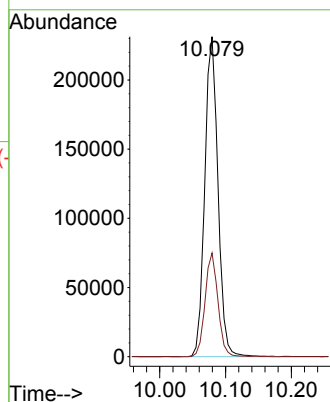
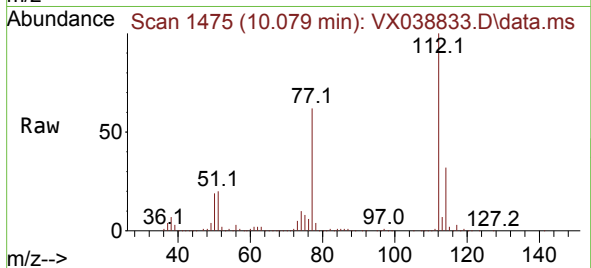




#65
Chlorobenzene
Concen: 50.147 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

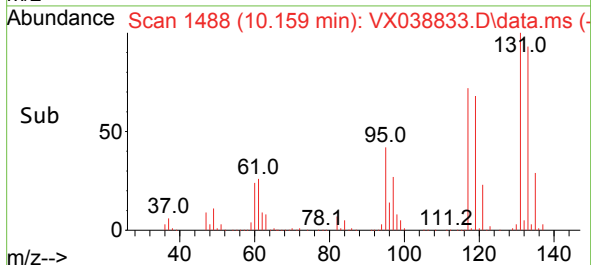
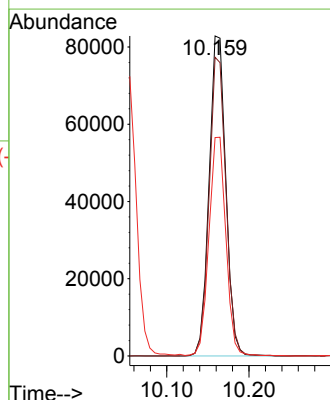
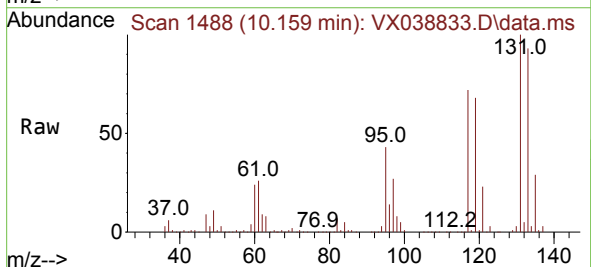
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

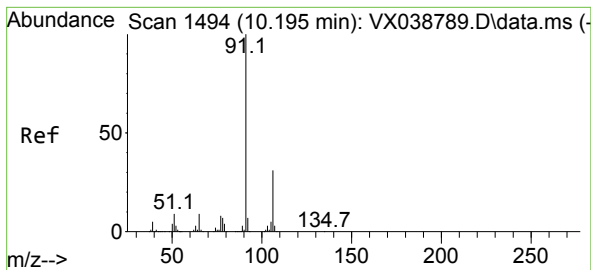
Tgt Ion:112 Resp: 322724
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.653 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion:131 Resp: 117262
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 69.6 32.2 96.6





#67

Ethyl Benzene

Concen: 50.926 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

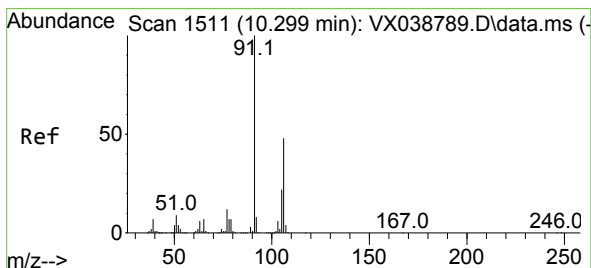
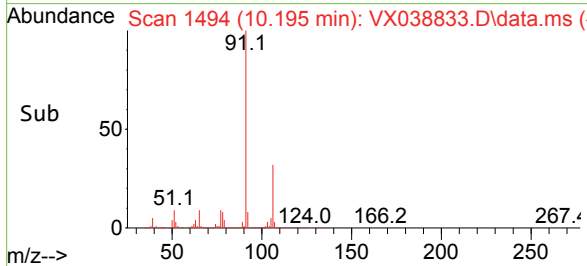
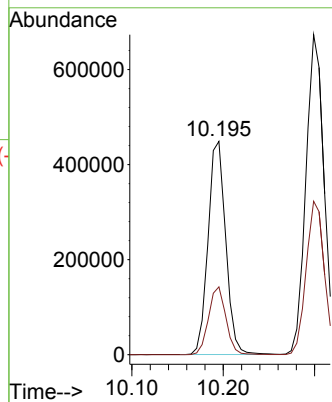
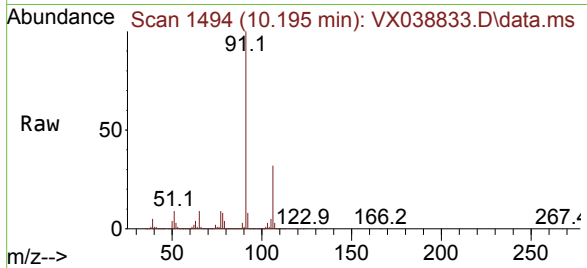
VSTDIC050

Tgt Ion: 91 Resp: 602142

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 101.071 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX038833.D

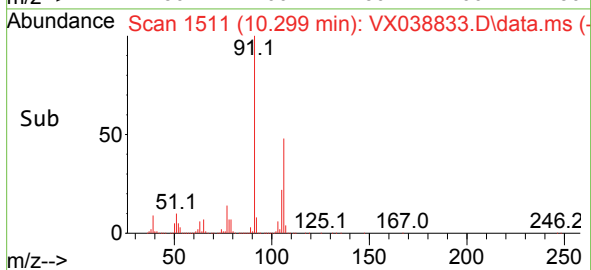
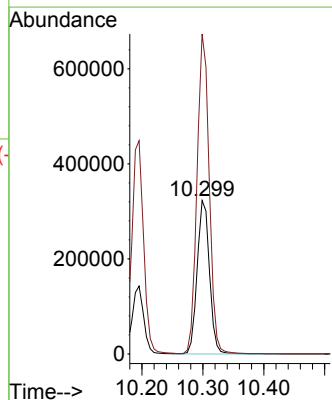
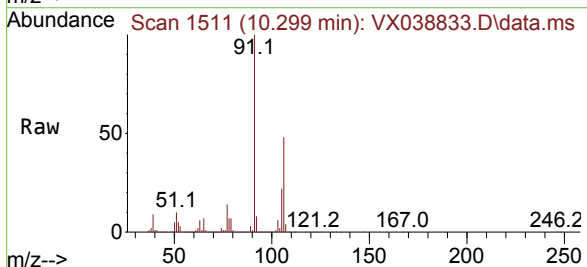
Acq: 16 Nov 2023 11:20

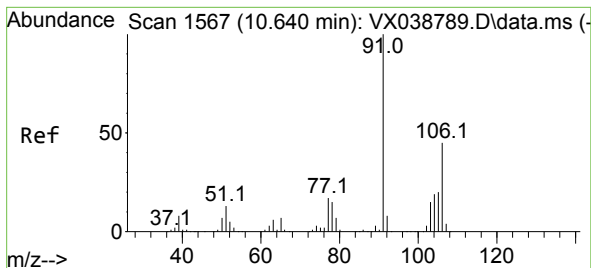
Tgt Ion: 106 Resp: 452059

Ion Ratio Lower Upper

106 100

91 206.3 165.5 248.3





#69

o-Xylene

Concen: 50.197 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

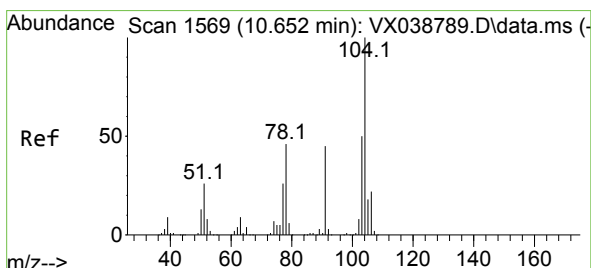
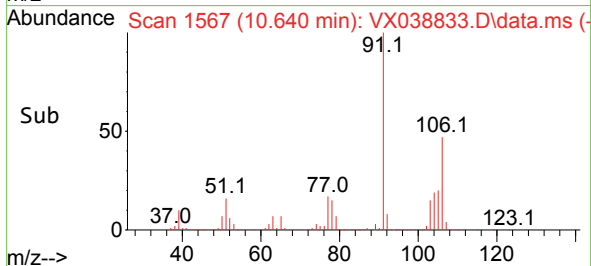
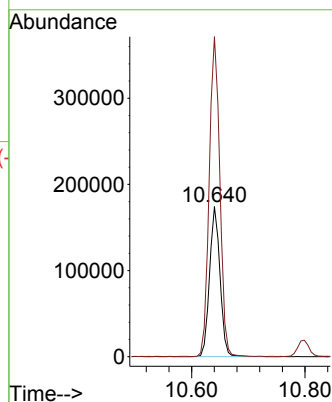
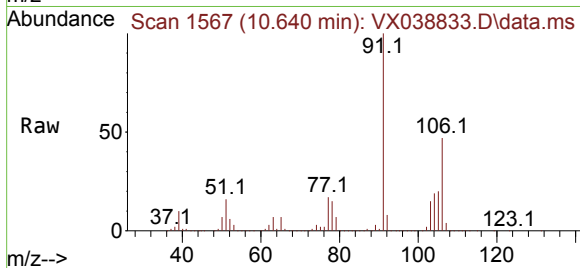
VSTDICC050

Tgt Ion:106 Resp: 222155

Ion Ratio Lower Upper

106 100

91 217.1 108.9 326.8



#70

Styrene

Concen: 50.366 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

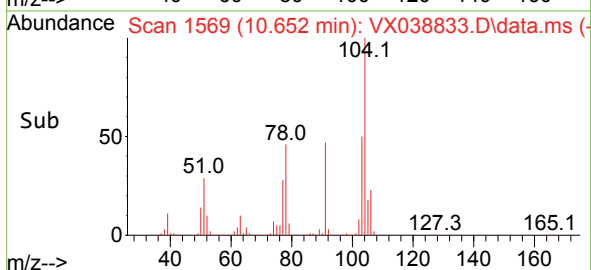
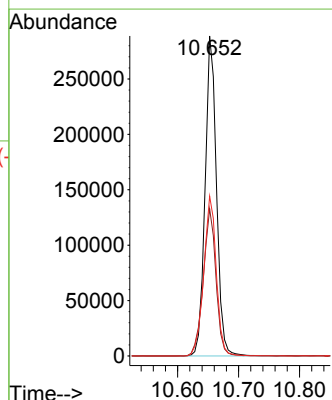
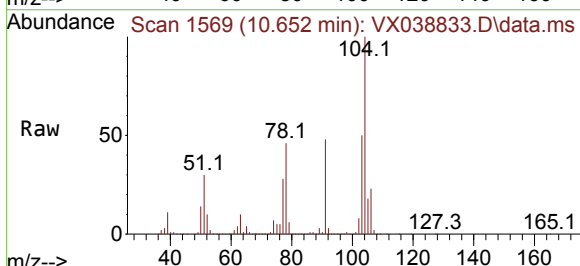
Tgt Ion:104 Resp: 376453

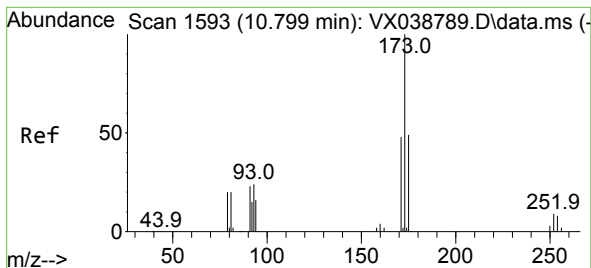
Ion Ratio Lower Upper

104 100

78 51.3 43.6 65.4

103 55.1 43.6 65.4





#71

Bromoform

Concen: 51.190 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

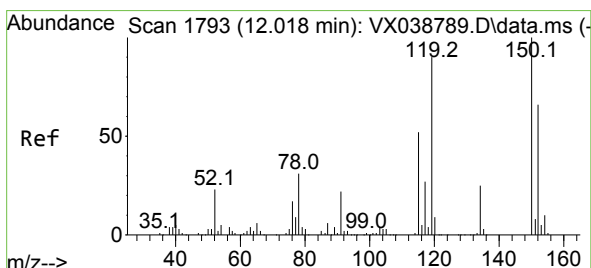
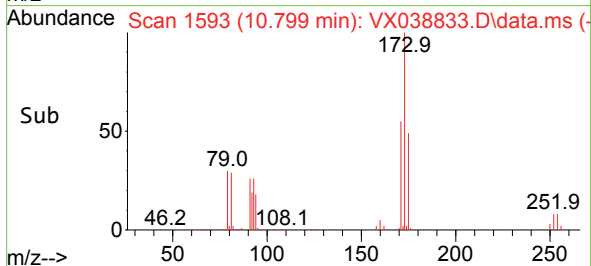
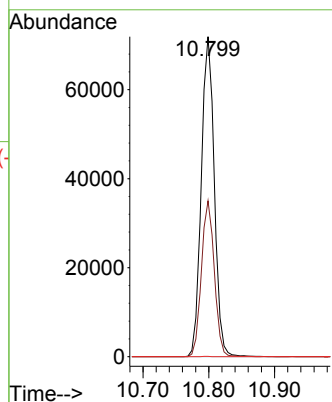
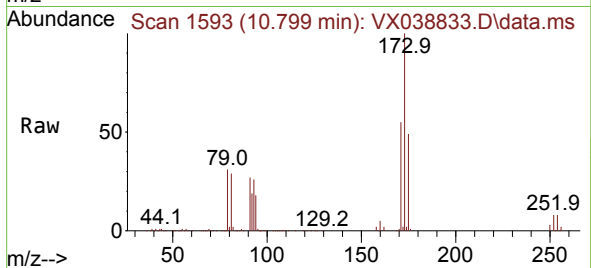
Tgt Ion:173 Resp: 98791

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

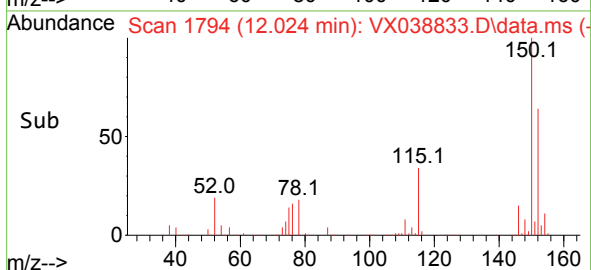
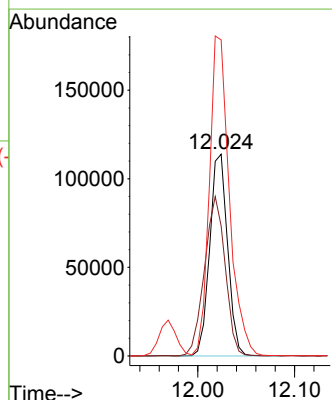
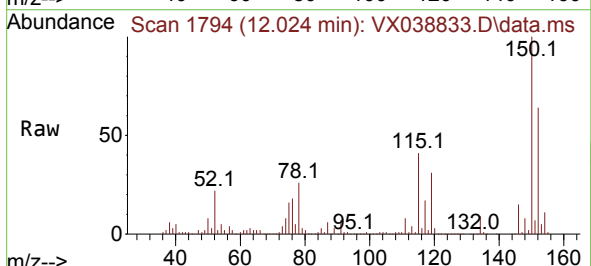
Tgt Ion:152 Resp: 146688

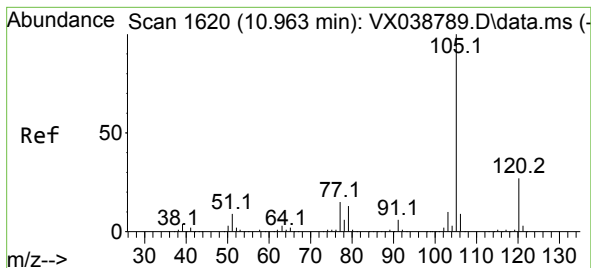
Ion Ratio Lower Upper

152 100

115 90.9 43.3 129.9

150 176.7 0.0 345.0





#73

Isopropylbenzene

Concen: 50.081 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

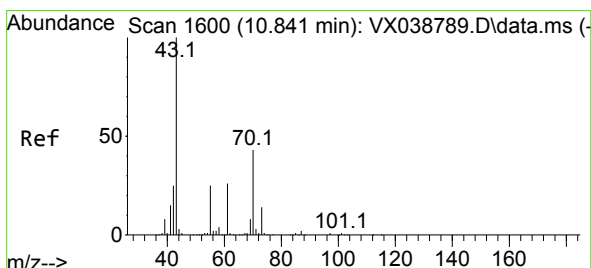
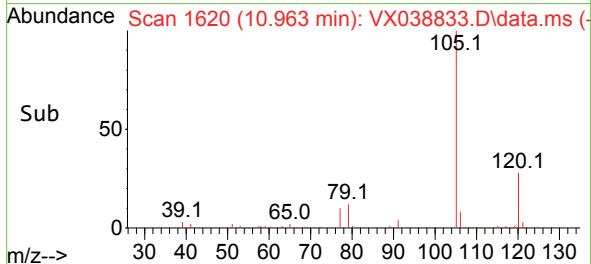
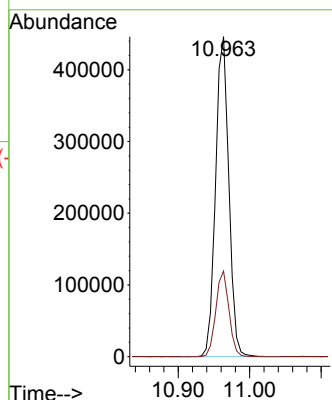
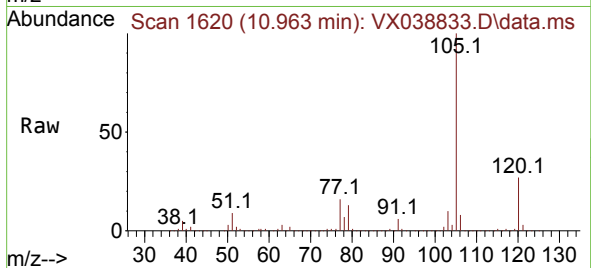
VSTDICC050

Tgt Ion:105 Resp: 572379

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 51.192 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Tgt Ion: 43 Resp: 309283

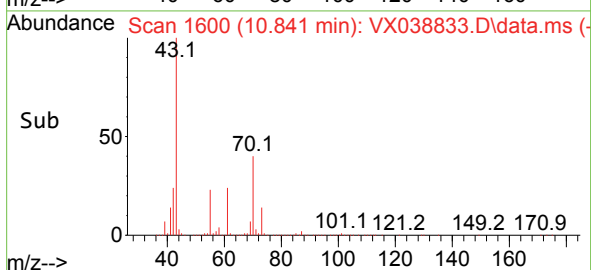
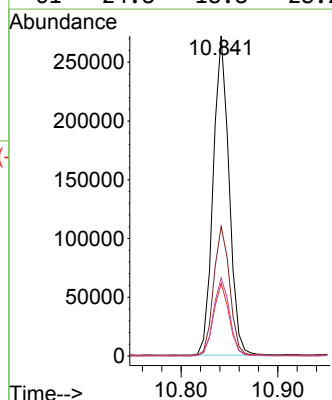
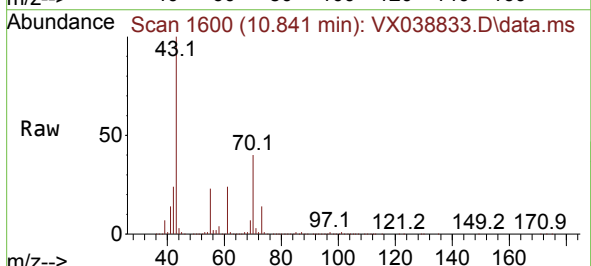
Ion Ratio Lower Upper

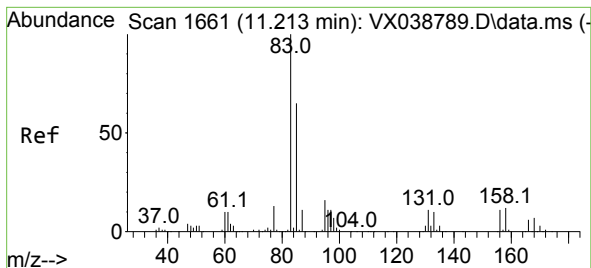
43 100

70 41.2 32.9 49.3

55 22.5 19.3 28.9

61 24.8 18.8 28.2

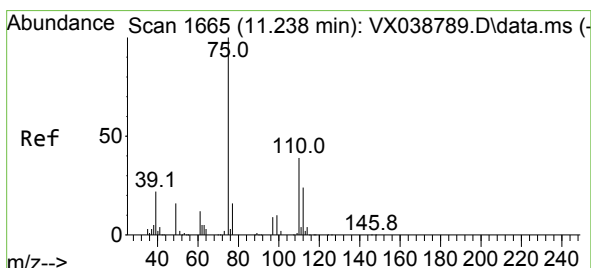
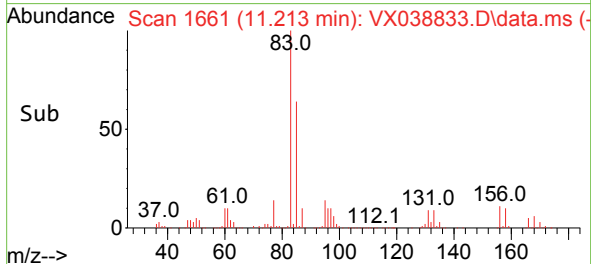
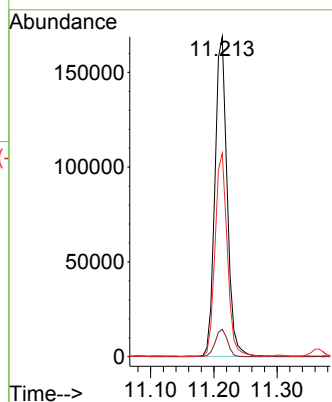
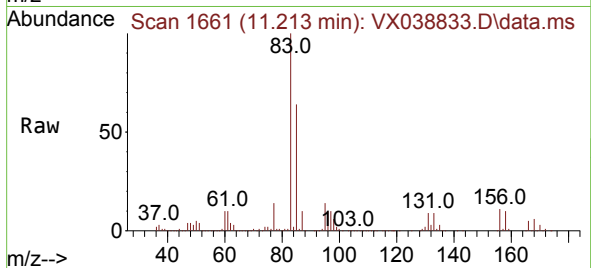




#75
1,1,2,2-Tetrachloroethane
Concen: 50.647 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

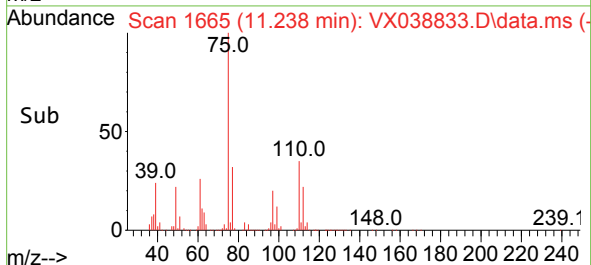
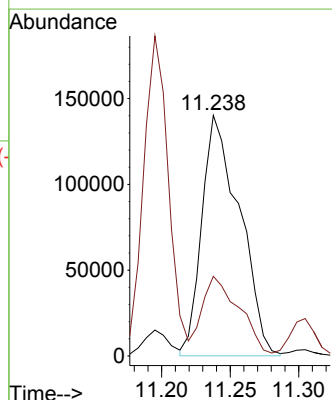
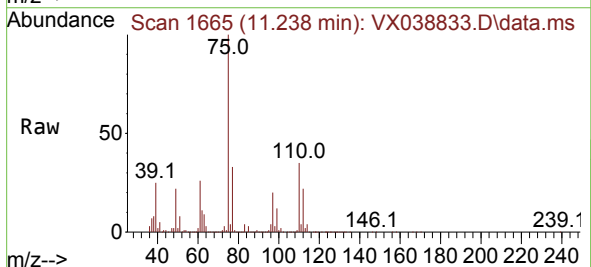
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

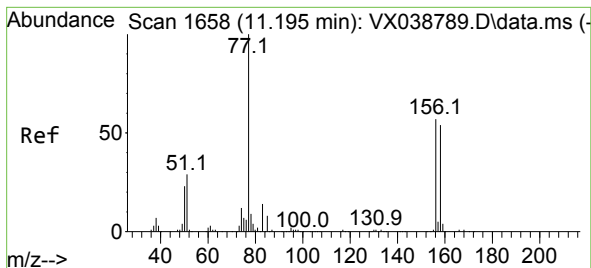
Tgt Ion: 83 Resp: 225964
Ion Ratio Lower Upper
83 100
131 8.7 5.3 15.8
85 63.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 75.186 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 75 Resp: 268009
Ion Ratio Lower Upper
75 100
77 32.6 19.1 57.5





#77

Bromobenzene

Concen: 49.351 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

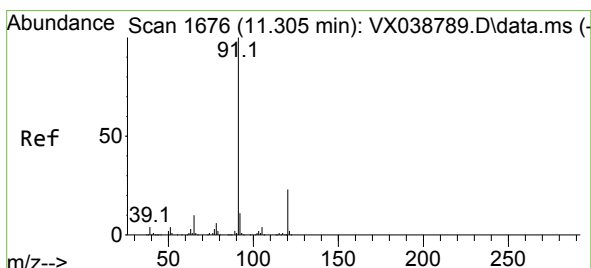
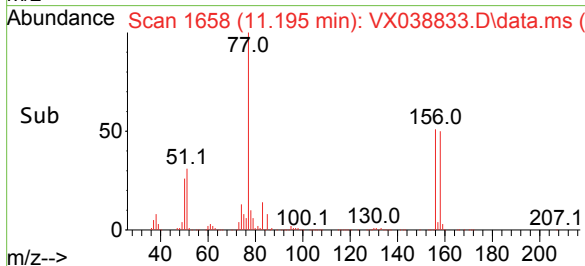
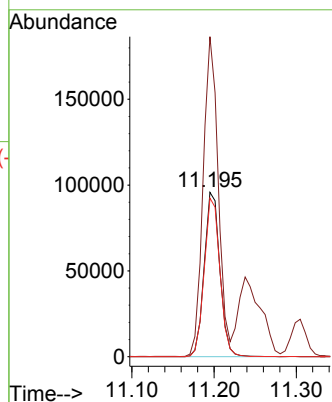
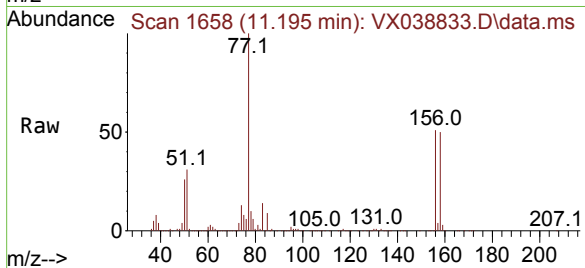
Tgt Ion:156 Resp: 126738

Ion Ratio Lower Upper

156 100

77 187.0 88.4 265.3

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 50.338 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038833.D

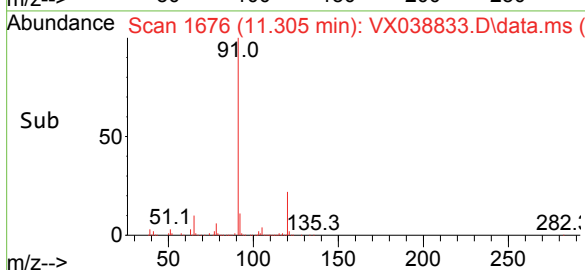
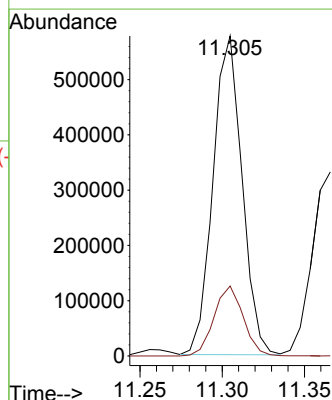
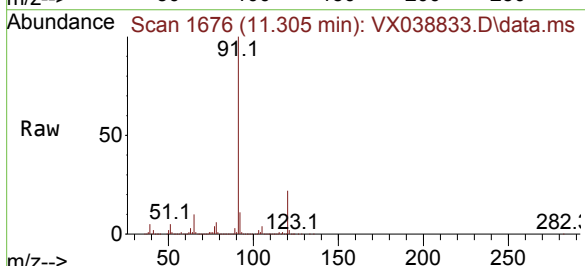
Acq: 16 Nov 2023 11:20

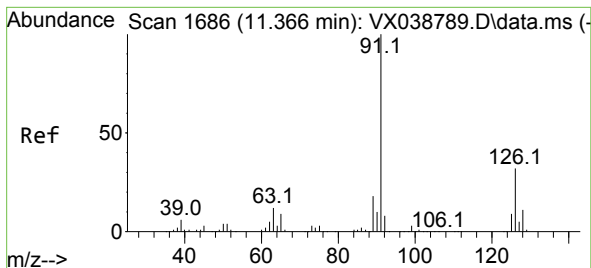
Tgt Ion: 91 Resp: 708154

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.764 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

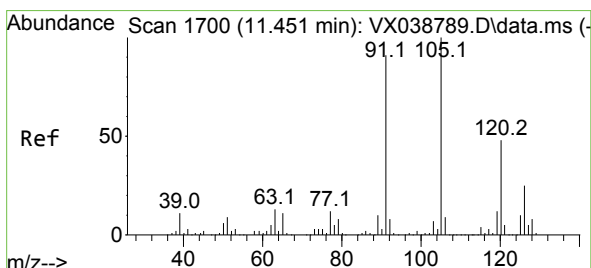
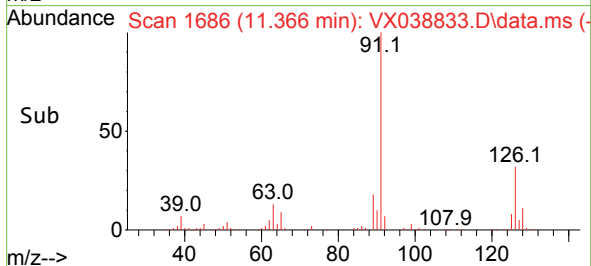
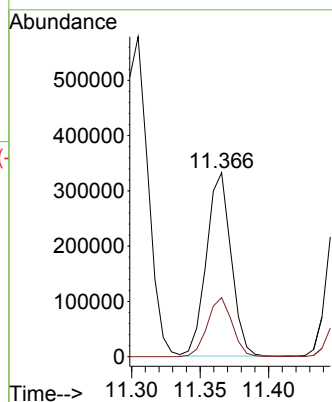
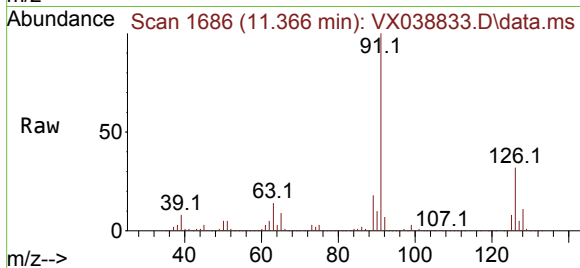
VSTDICC050

Tgt Ion: 91 Resp: 415474

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.174 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX038833.D

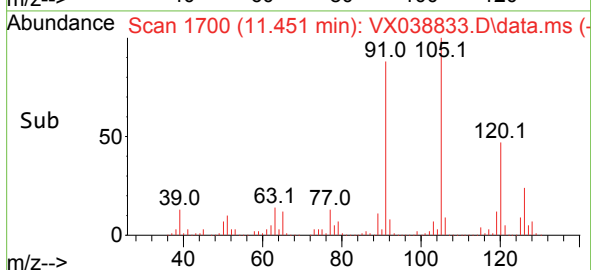
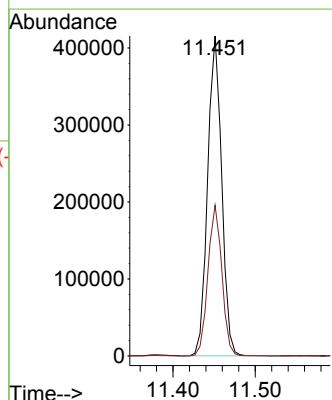
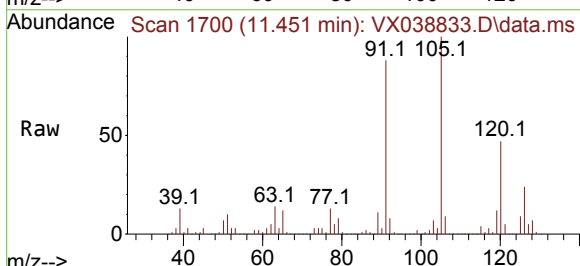
Acq: 16 Nov 2023 11:20

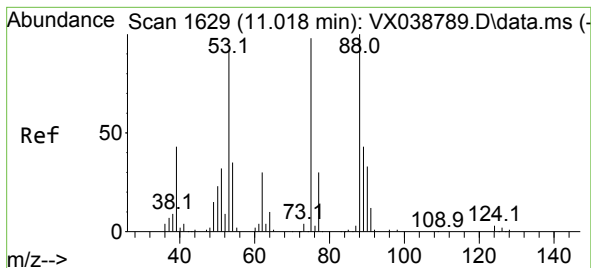
Tgt Ion: 105 Resp: 491769

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.3

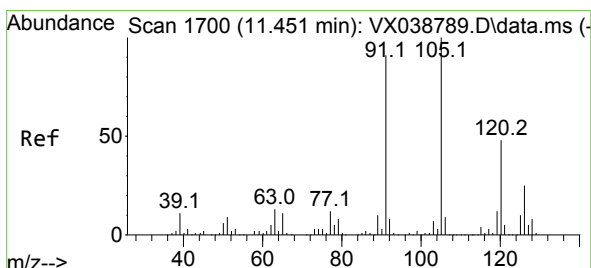
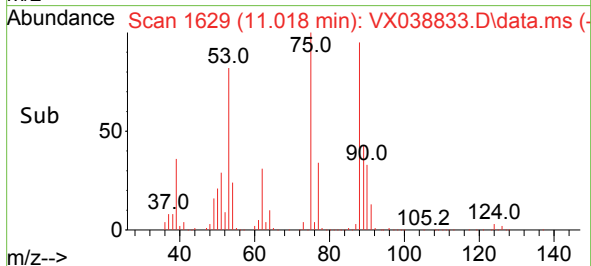
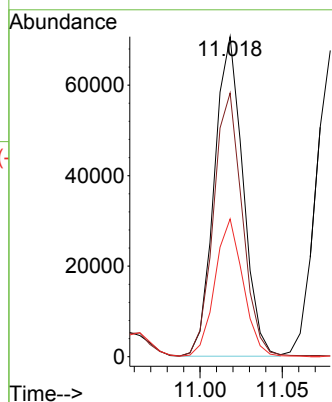
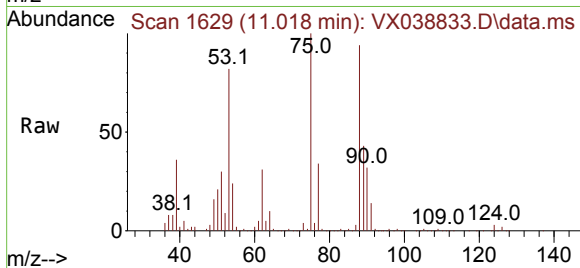




#81
trans-1,4-Dichloro-2-butene
Concen: 51.826 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

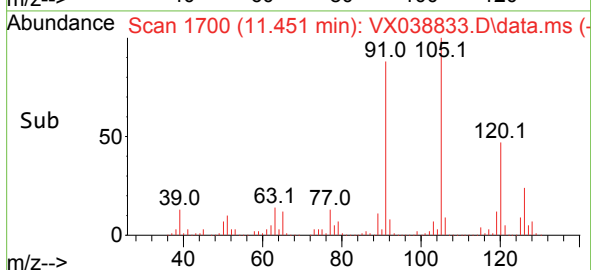
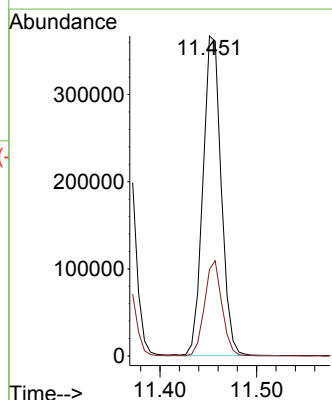
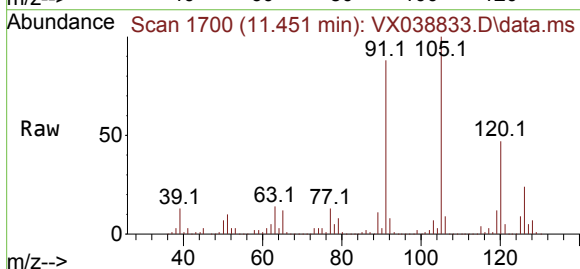
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

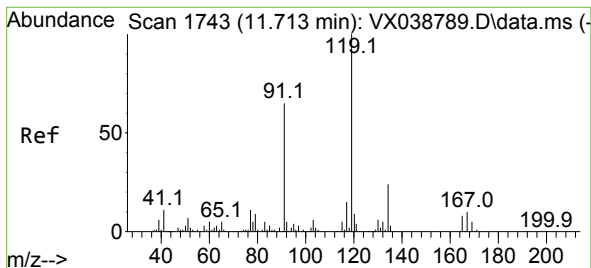
Tgt Ion: 75 Resp: 85513
Ion Ratio Lower Upper
75 100
53 82.7 90.5 135.7#
89 42.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.117 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 91 Resp: 482452
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.409 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

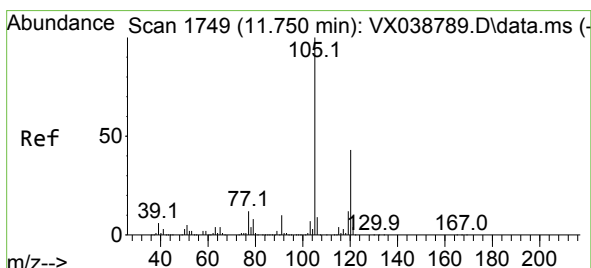
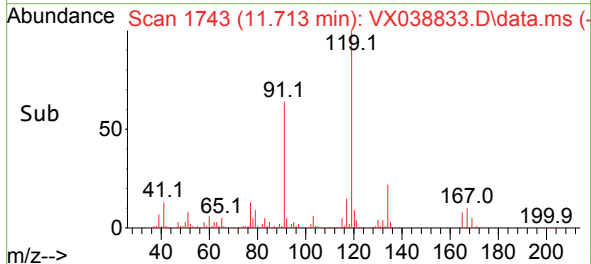
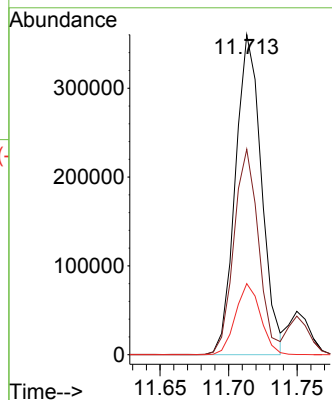
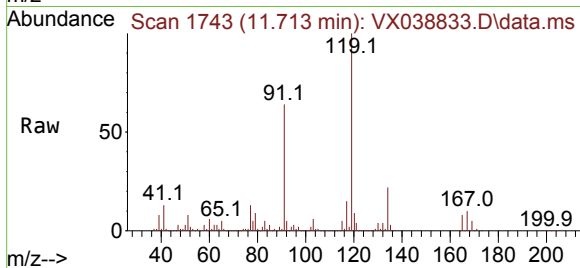
Tgt Ion:119 Resp: 477084

Ion Ratio Lower Upper

119 100

91 61.0 31.2 93.6

134 21.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 50.282 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038833.D

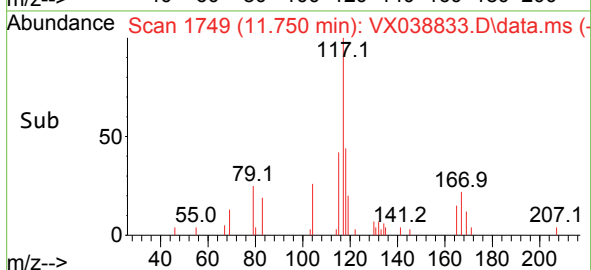
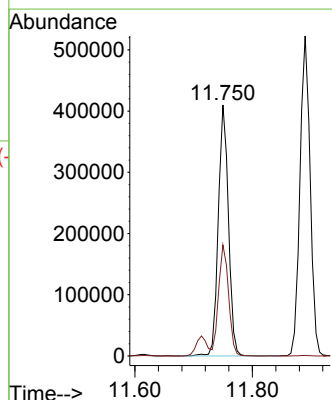
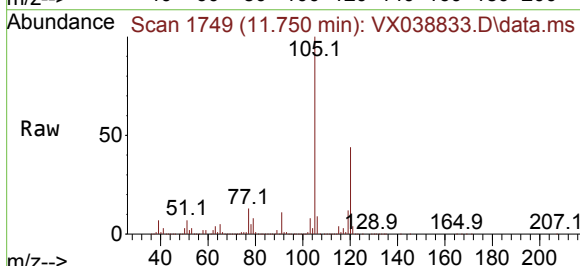
Acq: 16 Nov 2023 11:20

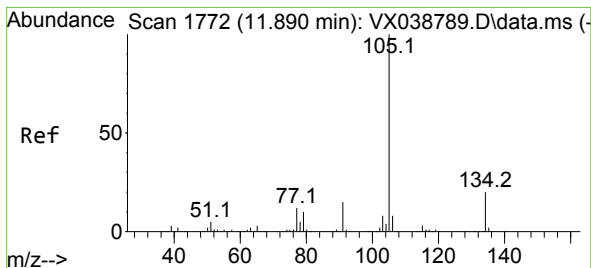
Tgt Ion:105 Resp: 489078

Ion Ratio Lower Upper

105 100

120 43.6 21.2 63.6





#85

sec-Butylbenzene

Concen: 50.833 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

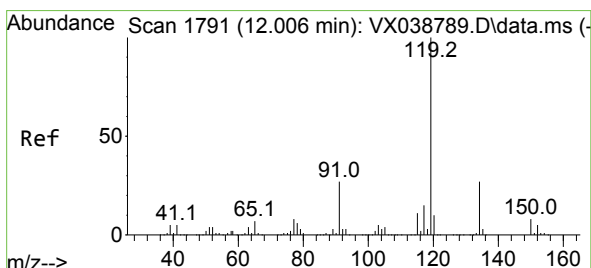
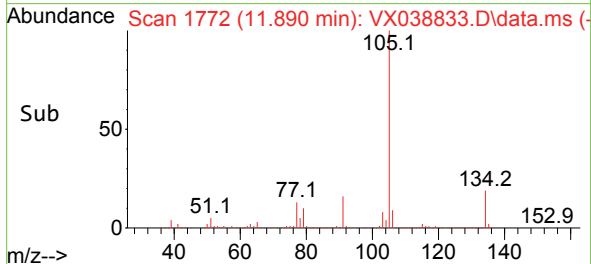
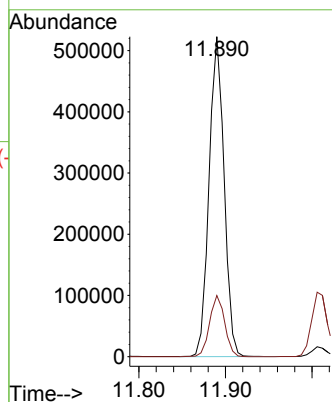
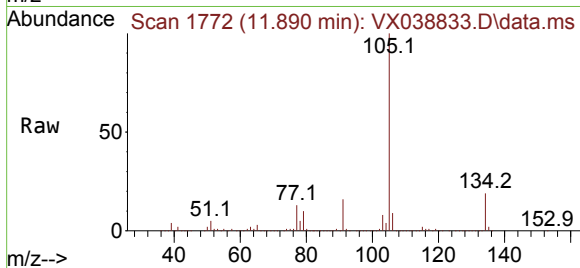
VSTDICC050

Tgt Ion:105 Resp: 629293

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 50.526 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

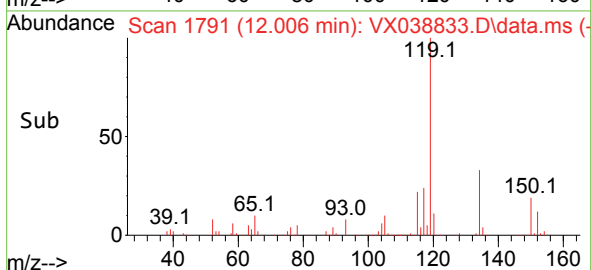
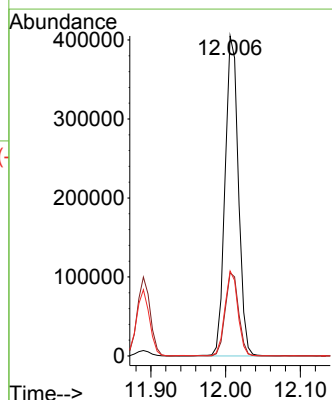
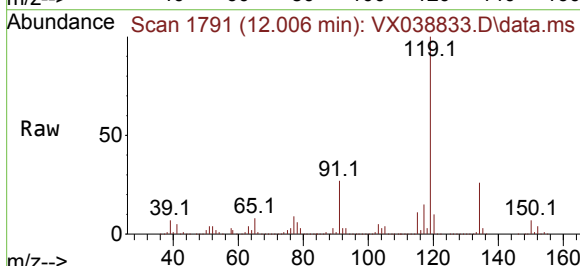
Tgt Ion:119 Resp: 502120

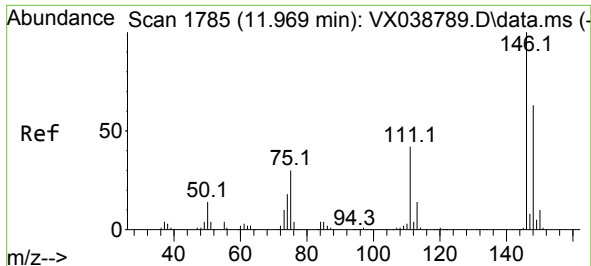
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.3

91 25.8 13.1 39.3

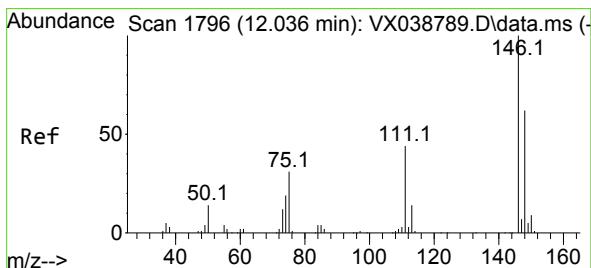
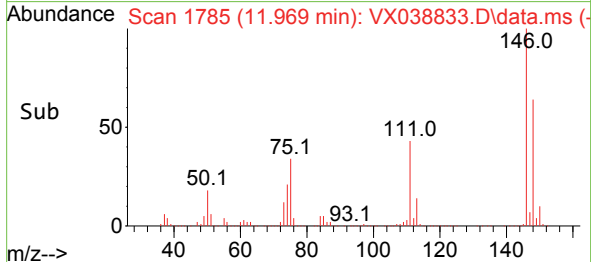
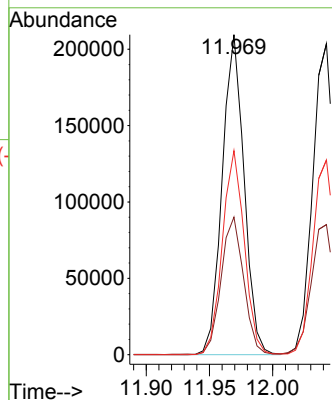
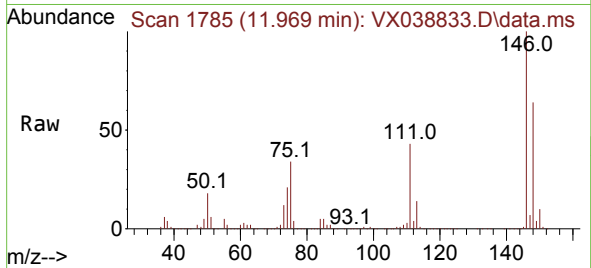




#87
 1,3-Dichlorobenzene
 Concen: 50.023 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX038833.D
 Acq: 16 Nov 2023 11:20

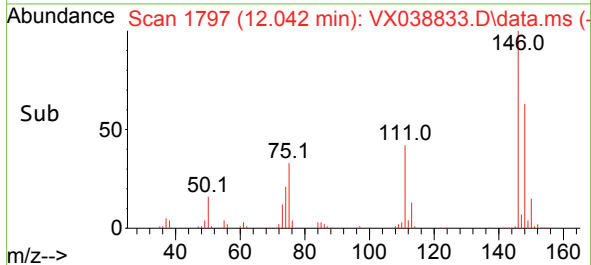
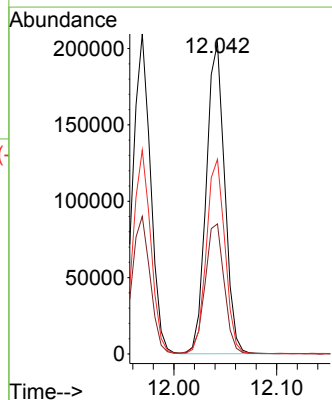
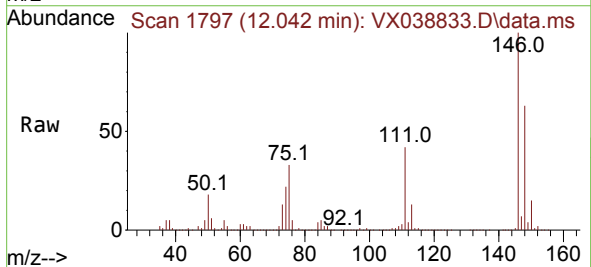
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

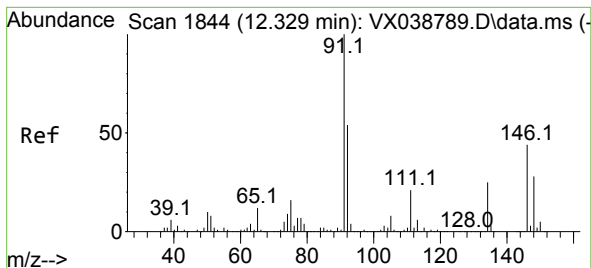
Tgt Ion:146 Resp: 251558
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.1 66.1
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.319 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX038833.D
 Acq: 16 Nov 2023 11:20

Tgt Ion:146 Resp: 253848
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 63.7
 148 63.3 31.8 95.4

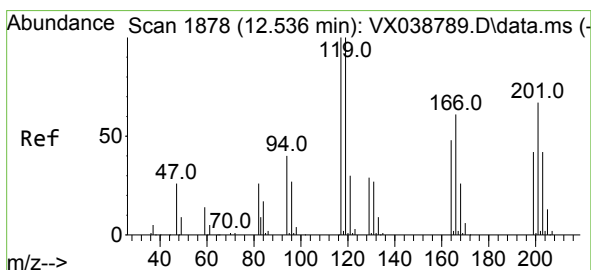
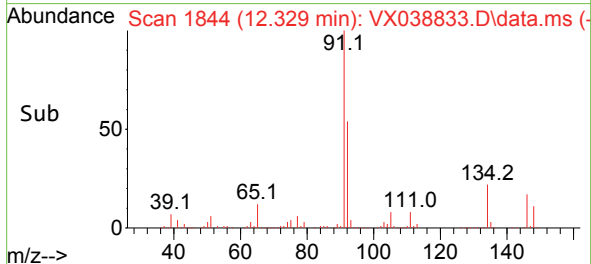
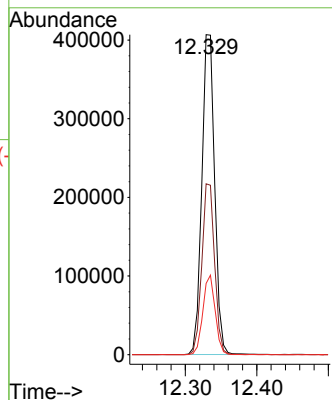
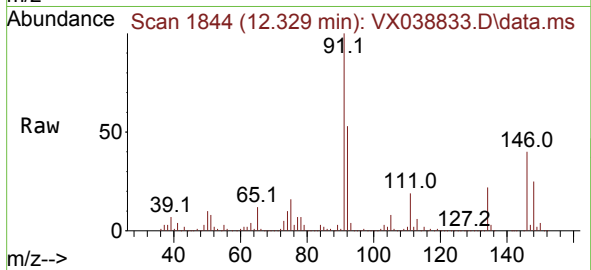




#89
n-Butylbenzene
Concen: 50.461 ug/l
RT: 12.329 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

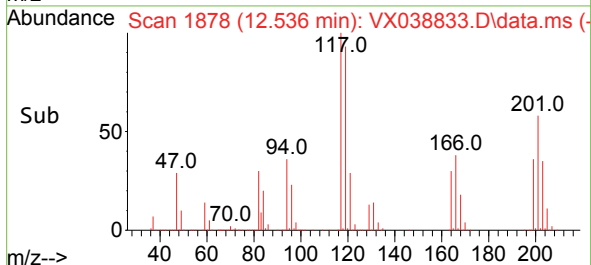
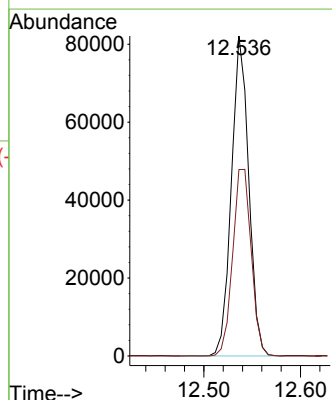
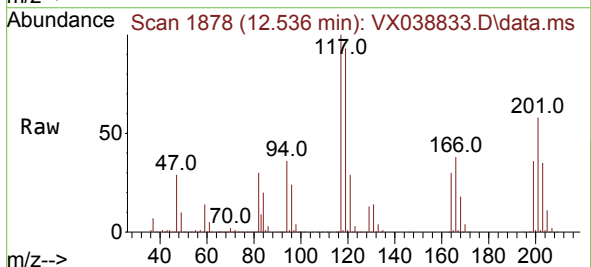
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

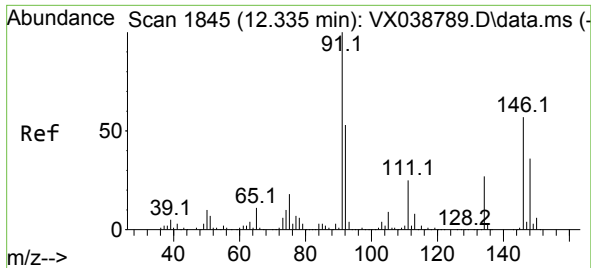
Tgt Ion: 91 Resp: 505952
Ion Ratio Lower Upper
91 100
92 53.4 27.4 82.0
134 23.9 12.6 37.8



#90
Hexachloroethane
Concen: 51.396 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 117 Resp: 101999
Ion Ratio Lower Upper
117 100
201 62.6 32.9 98.6

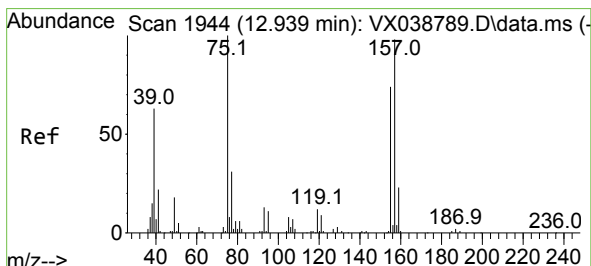
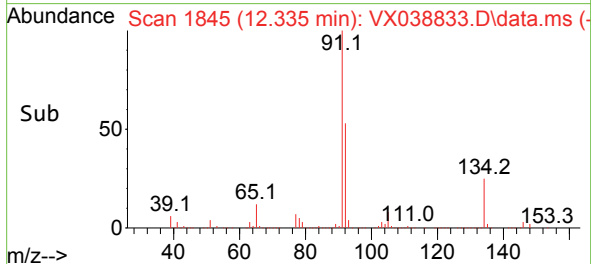
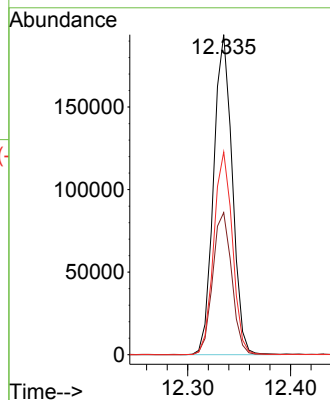
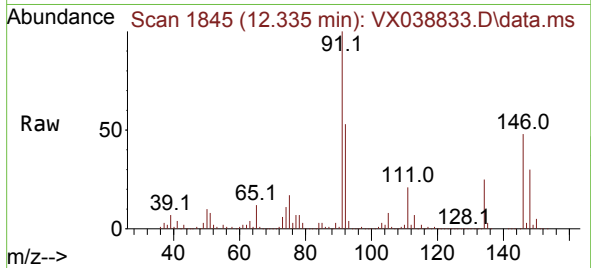




#91
1,2-Dichlorobenzene
Concen: 51.154 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

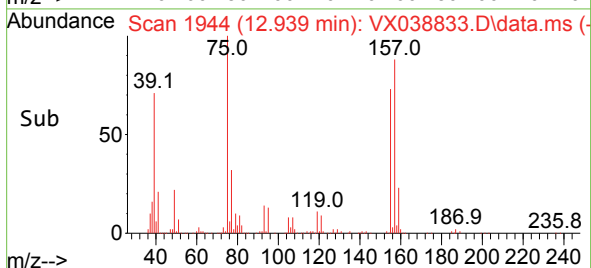
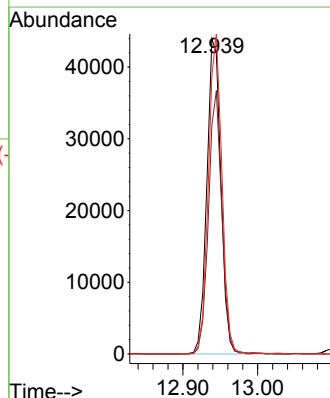
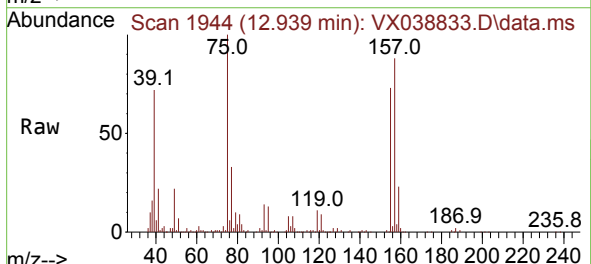
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

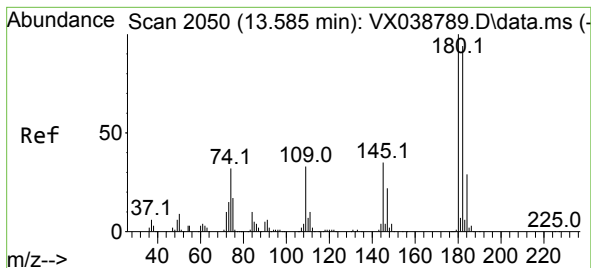
Tgt Ion:146 Resp: 243993
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.0
148 63.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.354 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion: 75 Resp: 57227
Ion Ratio Lower Upper
75 100
155 79.1 36.1 108.5
157 98.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.951 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

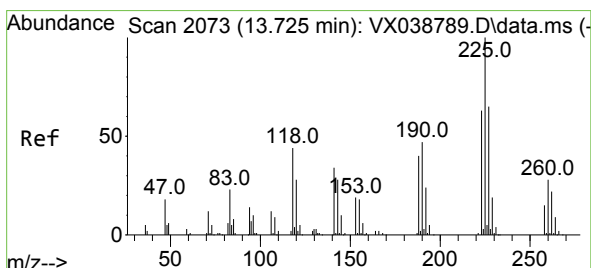
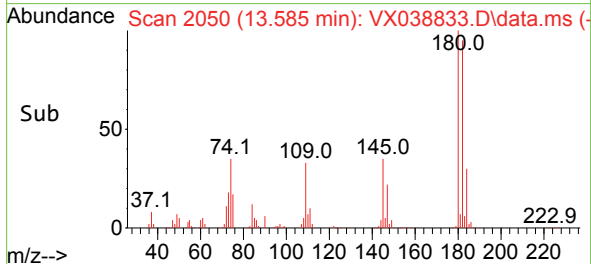
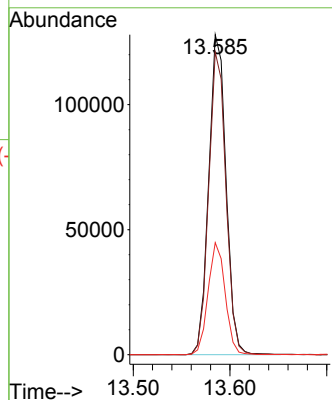
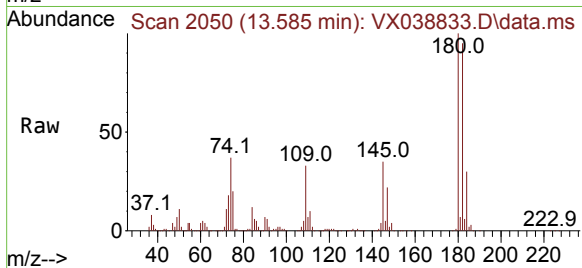
Tgt Ion:180 Resp: 159658

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 34.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 50.884 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX038833.D

Acq: 16 Nov 2023 11:20

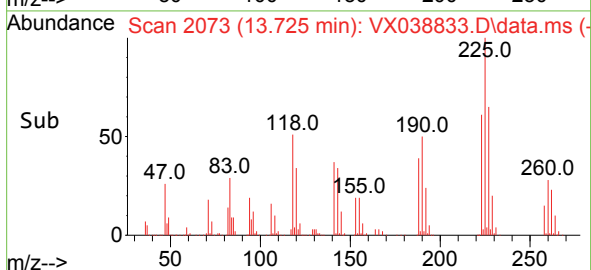
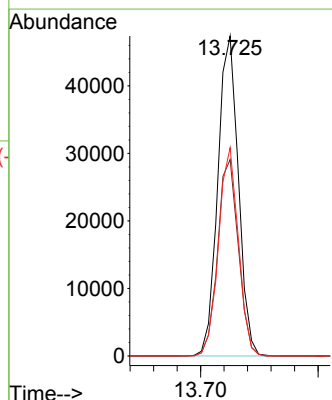
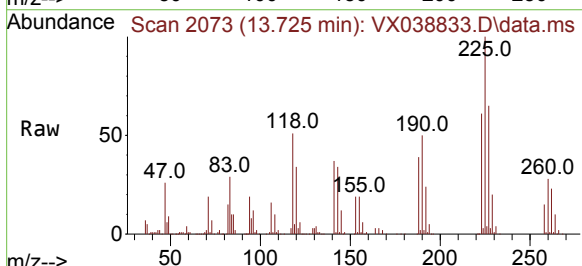
Tgt Ion:225 Resp: 57596

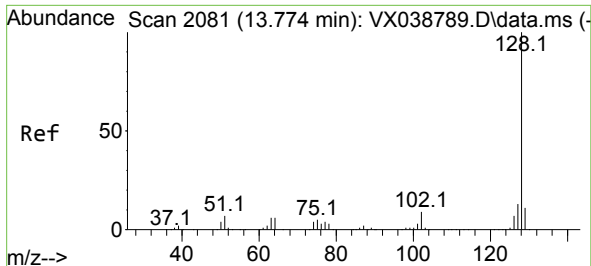
Ion Ratio Lower Upper

225 100

223 61.8 31.1 93.2

227 62.9 32.5 97.5

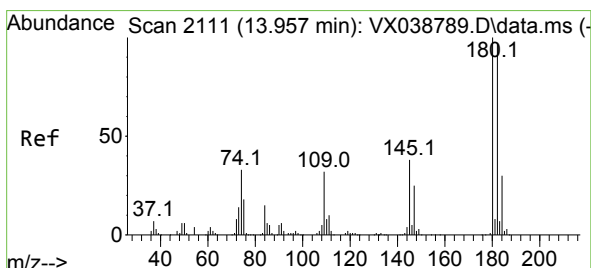
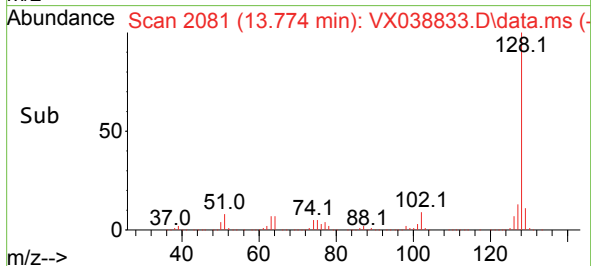
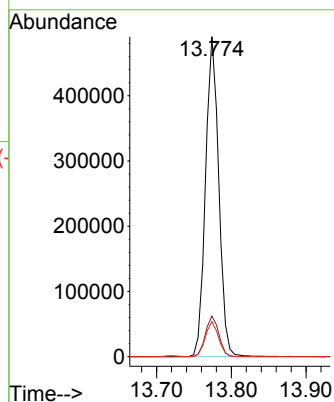
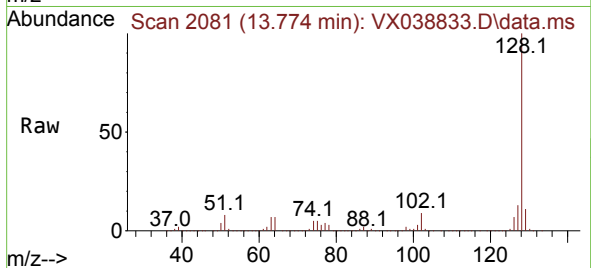




#95
Naphthalene
Concen: 50.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 602814
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.906 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038833.D
Acq: 16 Nov 2023 11:20

Tgt Ion:180 Resp: 154243
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.6
145 36.2 17.8 53.5

