

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033147.D
 Acq On : 01 Dec 2022 08:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 02 00:42:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63864	46.220	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.440%
35) Dibromofluoromethane	5.379	113	56272	45.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.647	98	168152	44.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.920%#
62) 4-Bromofluorobenzene	11.079	95	77427	47.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45885	42.691	ug/l	98
3) Chloromethane	1.294	50	47684	41.095	ug/l	100
4) Vinyl Chloride	1.374	62	57142	44.229	ug/l	98
5) Bromomethane	1.618	94	44276	46.215	ug/l	99
6) Chloroethane	1.691	64	50106	47.639	ug/l	100
7) Trichlorofluoromethane	1.886	101	126592	50.486	ug/l	99
8) Diethyl Ether	2.130	74	40636	51.475	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	66321	50.321	ug/l	99
10) Methyl Iodide	2.453	142	56043	37.145	ug/l	100
11) Tert butyl alcohol	3.008	59	38884	179.039	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	58960	48.024	ug/l	91
13) Acrolein	2.239	56	64684	259.290	ug/l	100
14) Allyl chloride	2.666	41	96491	48.682	ug/l	99
15) Acrylonitrile	3.062	53	146495	238.478	ug/l	99
16) Acetone	2.392	43	179653	280.776	ug/l	100
17) Carbon Disulfide	2.514	76	141015	41.574	ug/l	100
18) Methyl Acetate	2.703	43	85871	48.482	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	217251	51.024	ug/l	99
20) Methylene Chloride	2.788	84	66914	50.267	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	65487	46.631	ug/l	97
22) Diisopropyl ether	3.757	45	228219	52.879	ug/l	96
23) Vinyl Acetate	3.721	43	874233	258.774	ug/l	99
24) 1,1-Dichloroethane	3.611	63	122146	49.457	ug/l	99
25) 2-Butanone	4.562	43	233479	264.628	ug/l	98
26) 2,2-Dichloropropane	4.471	77	107791	54.280	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	81037	50.787	ug/l	98
28) Bromochloromethane	4.898	49	53554	49.349	ug/l	99
29) Tetrahydrofuran	5.001	42	135247	241.577	ug/l	100
30) Chloroform	5.093	83	144043	52.074	ug/l	98
31) Cyclohexane	5.471	56	108033	48.665	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	130885	52.836	ug/l	100
36) 1,1-Dichloropropene	5.690	75	101095	51.115	ug/l	99
37) Ethyl Acetate	4.708	43	86169	49.938	ug/l	99
38) Carbon Tetrachloride	5.678	117	114568	52.217	ug/l	98
39) Methylcyclohexane	7.379	83	115554	51.206	ug/l	99
40) Benzene	6.038	78	282961	51.027	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49692	51.180	ug/l	98
42) 1,2-Dichloroethane	6.080	62	116350	52.111	ug/l	100
43) Isopropyl Acetate	6.336	43	146974	51.503	ug/l	99
44) Trichloroethene	7.123	130	79744	51.248	ug/l	96
45) 1,2-Dichloropropane	7.428	63	73343	53.519	ug/l	98
46) Dibromomethane	7.580	93	54334	50.812	ug/l	98
47) Bromodichloromethane	7.818	83	114182	55.261	ug/l	97
48) Methyl methacrylate	7.690	41	76171	51.856	ug/l	99
49) 1,4-Dioxane	7.708	88	28279	1045.854	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	456179	259.060	ug/l	99
52) Toluene	8.714	92	190639	52.255	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	115856	52.119	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	123178	55.299	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	77536	52.201	ug/l	99
56) Ethyl methacrylate	9.116	69	112133	54.792	ug/l	98
57) 1,3-Dichloropropane	9.305	76	125567	52.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	251122	258.407	ug/l	99
59) 2-Hexanone	9.427	43	356180	273.815	ug/l	99
60) Dibromochloromethane	9.519	129	88288	55.209	ug/l	99
61) 1,2-Dibromoethane	9.610	107	82938	52.902	ug/l	99
64) Tetrachloroethene	9.275	164	68808	47.776	ug/l	99
65) Chlorobenzene	10.079	112	208942	51.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	81111	54.570	ug/l	99
67) Ethyl Benzene	10.195	91	381115	52.962	ug/l	100
68) m/p-Xylenes	10.299	106	297906	105.721	ug/l	100
69) o-Xylene	10.640	106	145380	53.321	ug/l	99
70) Styrene	10.653	104	243698	54.635	ug/l	100
71) Bromoform	10.799	173	63509	55.728	ug/l #	100
73) Isopropylbenzene	10.963	105	396012	51.192	ug/l	100
74) N-amyl acetate	10.842	43	135934	51.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	114974	49.243	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	124271	60.614	ug/l	87
77) Bromobenzene	11.195	156	92710	48.730	ug/l	97
78) n-propylbenzene	11.305	91	459846	51.991	ug/l	100
79) 2-Chlorotoluene	11.366	91	271249	50.494	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	338149	52.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33415	52.977	ug/l	99
82) 4-Chlorotoluene	11.451	91	319584	50.767	ug/l	99
83) tert-Butylbenzene	11.713	119	332116	51.341	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	334770	51.663	ug/l	100
85) sec-Butylbenzene	11.890	105	407208	52.617	ug/l	100
86) p-Isopropyltoluene	12.006	119	346791	52.889	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	181164	50.768	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	183686	50.262	ug/l	98
89) n-Butylbenzene	12.329	91	301780	53.424	ug/l	100
90) Hexachloroethane	12.536	117	56786	52.714	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	175696	50.614	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24481	52.552	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	112255	52.461	ug/l	98
94) Hexachlorobutadiene	13.725	225	46438	49.192	ug/l	98
95) Naphthalene	13.774	128	356293	51.470	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	110338	51.420	ug/l	100

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VSTDCCC050

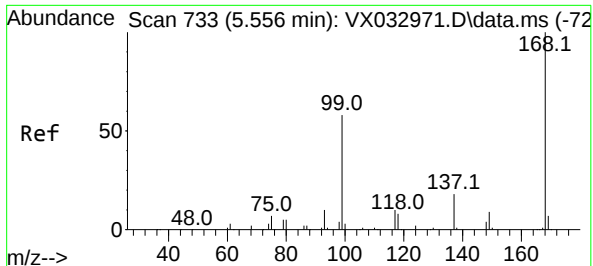
Quant Time: Dec 02 00:42:24 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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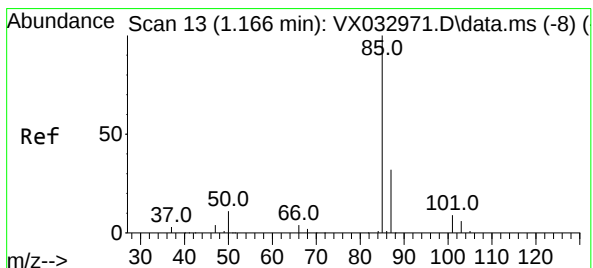
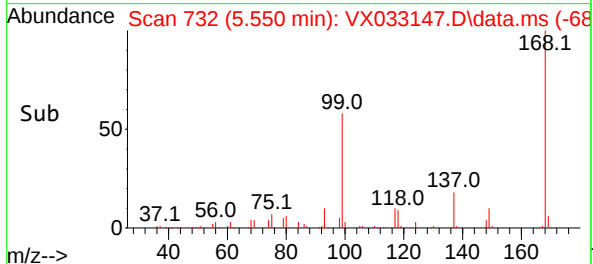
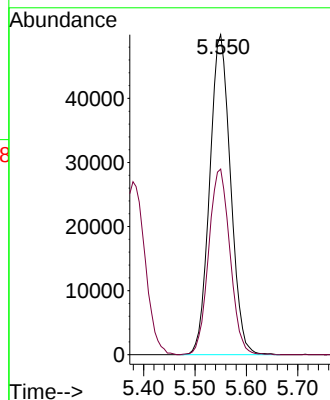
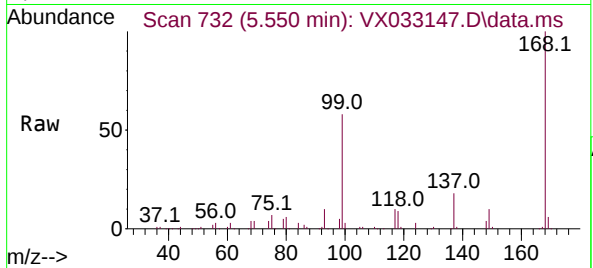




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033147.D
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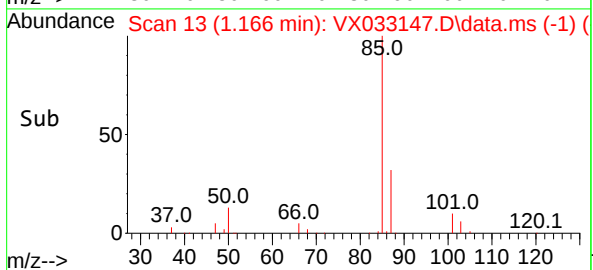
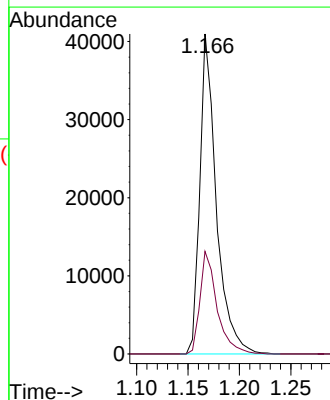
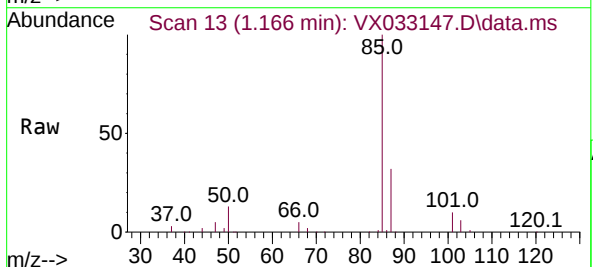
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 140685
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 42.691 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 85 Resp: 45885
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7

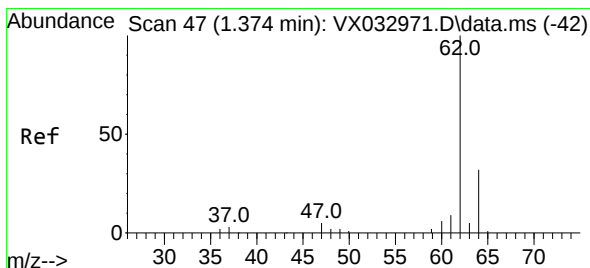
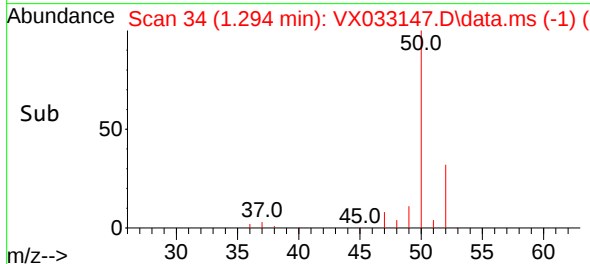
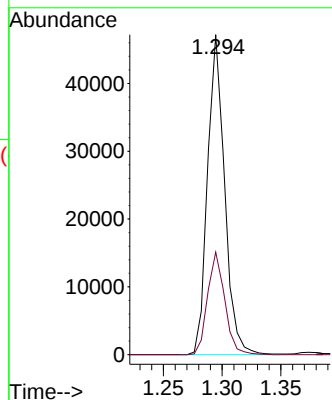
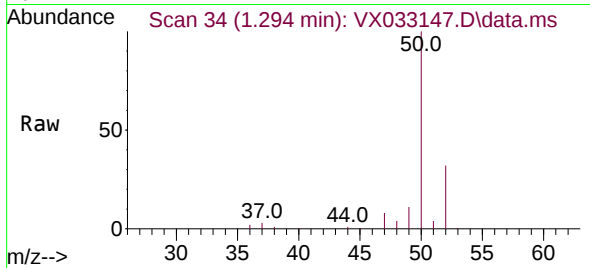




#3
Chloromethane
Concen: 41.095 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

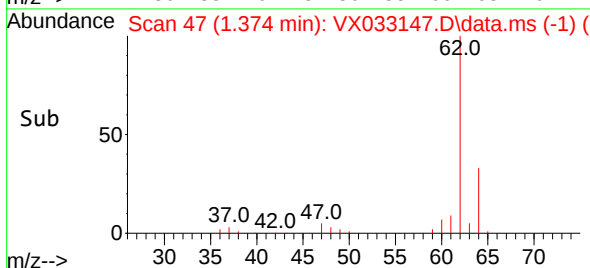
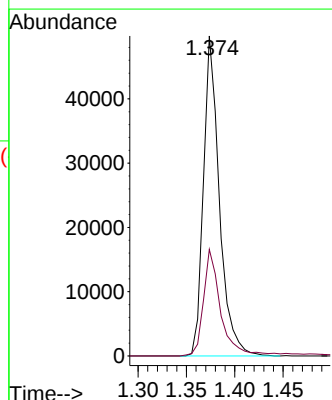
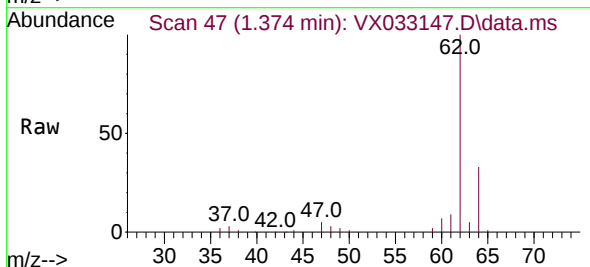
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 47684
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 44.229 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 62 Resp: 57142
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6

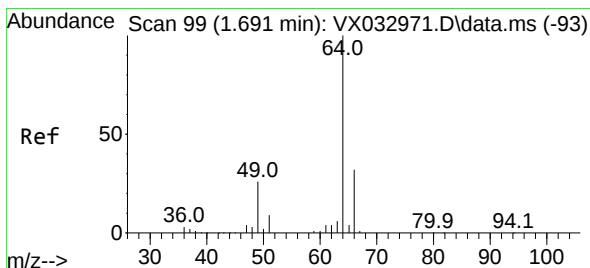
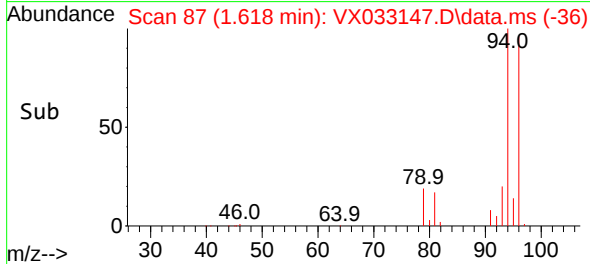
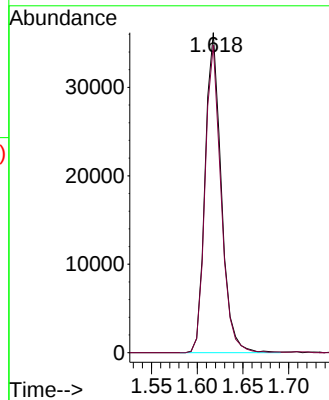
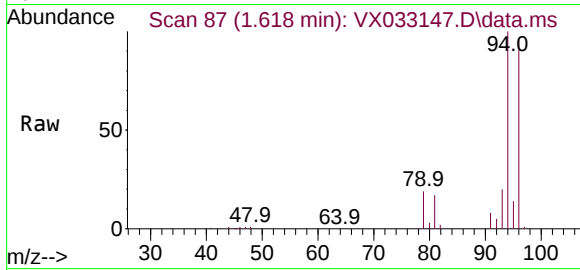




#5
Bromomethane
Concen: 46.215 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

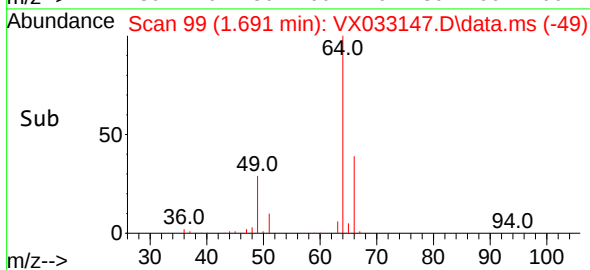
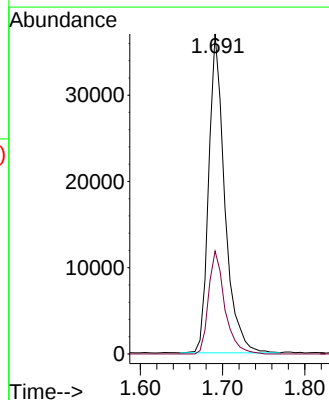
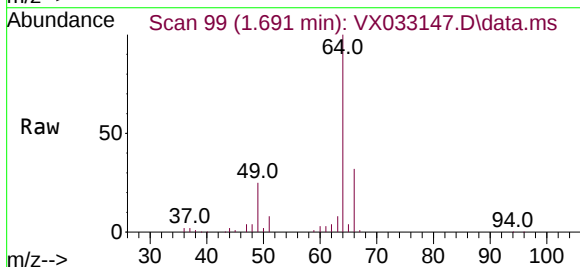
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 44276
Ion Ratio Lower Upper
94 100
96 96.2 77.6 116.4



#6
Chloroethane
Concen: 47.639 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 64 Resp: 50106
Ion Ratio Lower Upper
64 100
66 32.3 26.0 39.0

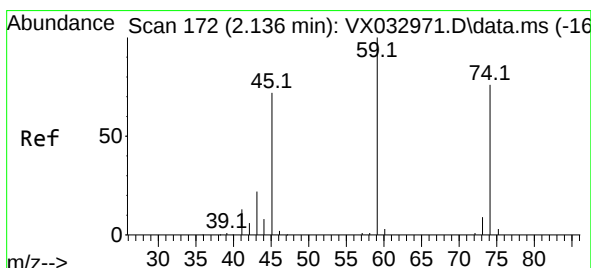
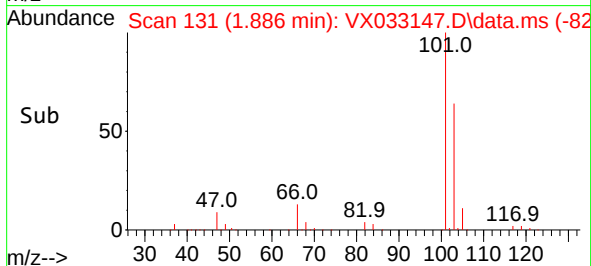
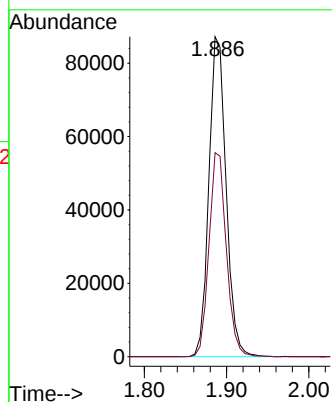
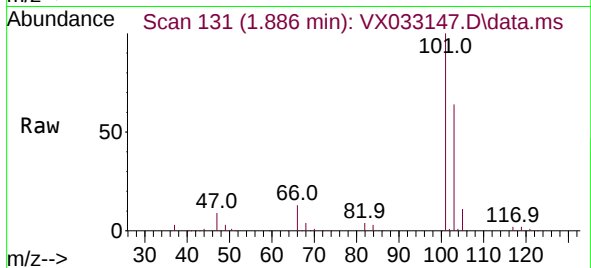




#7
 Trichlorofluoromethane
 Concen: 50.486 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033147.D
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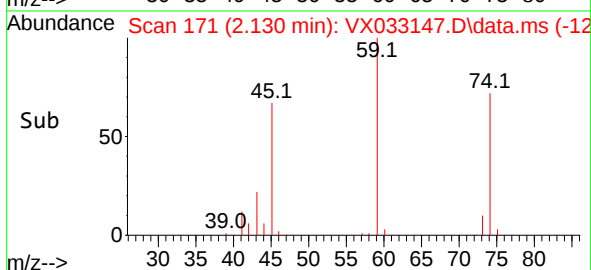
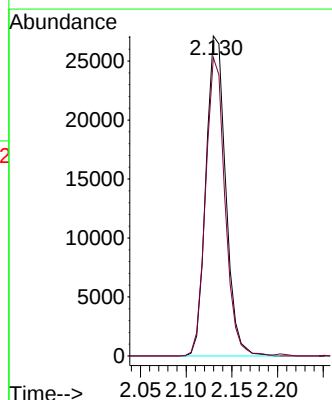
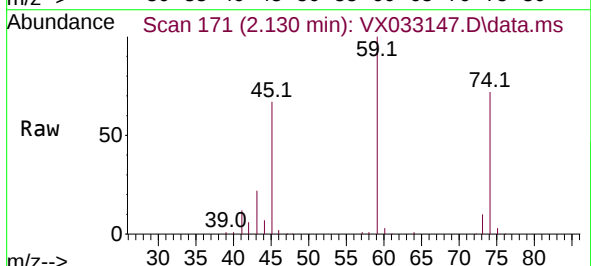
Instrument :
 MSVOA_X
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 VSTDCCC050

Tgt Ion:101 Resp: 126592
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.475 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

Tgt Ion: 74 Resp: 40636
 Ion Ratio Lower Upper
 74 100
 45 91.7 46.6 139.7

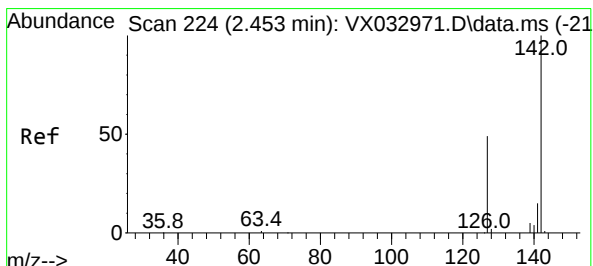
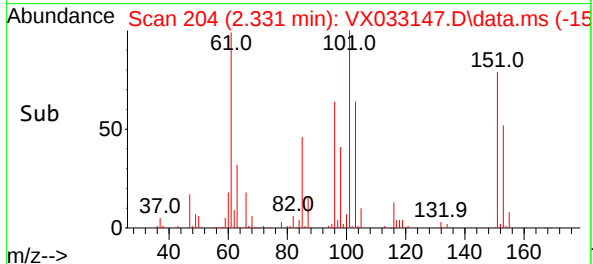
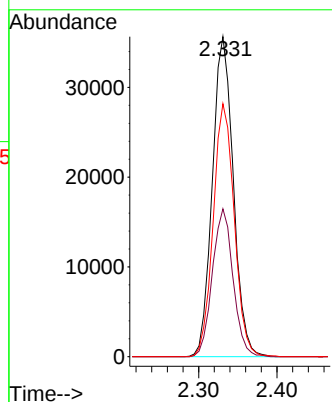
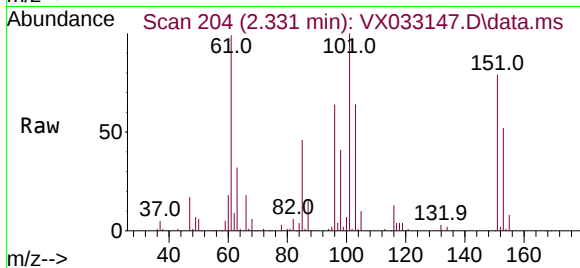




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.321 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033147.D
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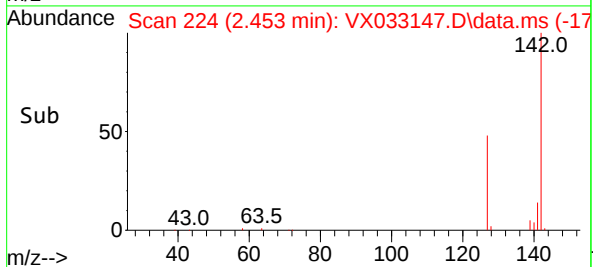
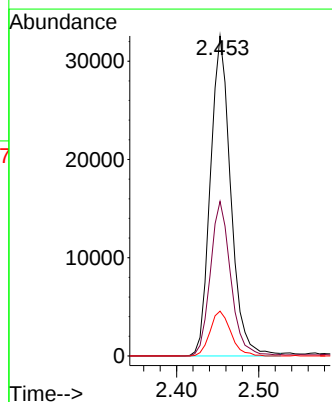
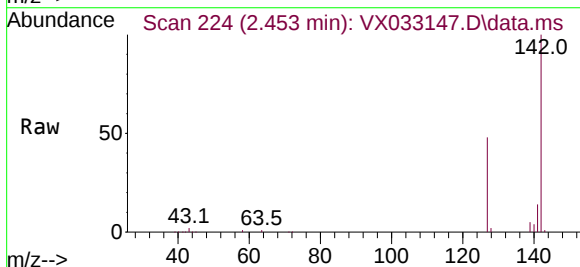
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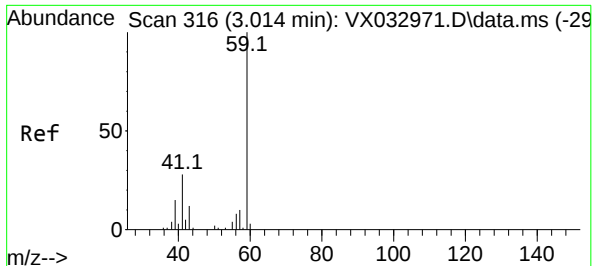
Tgt Ion:101 Resp: 66321
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.4
151 79.4 64.4 96.6



#10
Methyl Iodide
Concen: 37.145 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion:142 Resp: 56043
Ion Ratio Lower Upper
142 100
127 48.6 38.6 57.8
141 14.3 11.4 17.2

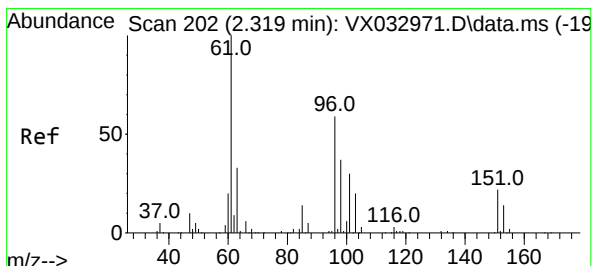
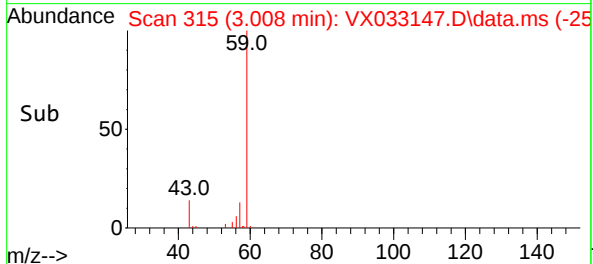
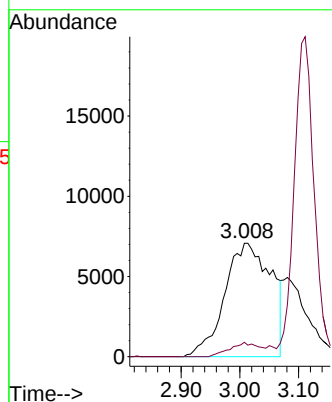
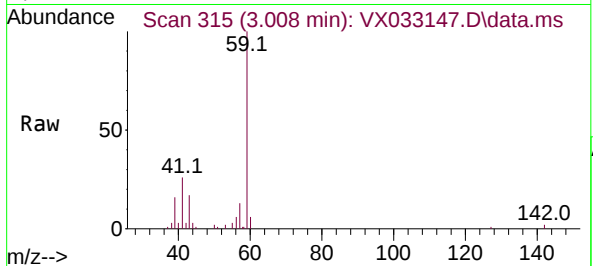




#11
Tert butyl alcohol
Concen: 179.039 ug/l
RT: 3.008 min Scan# 316
Delta R.T. 0.043 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

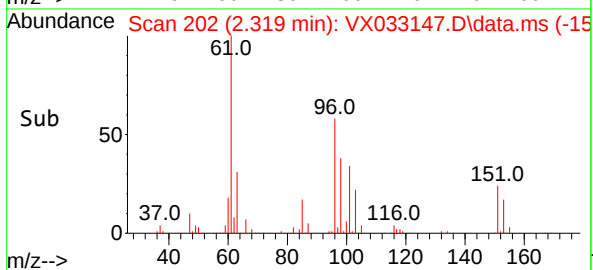
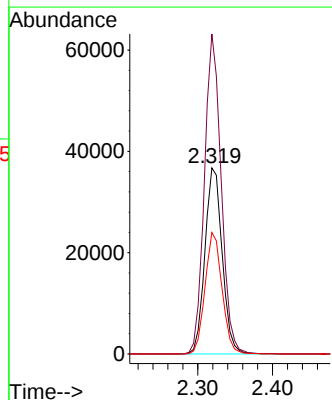
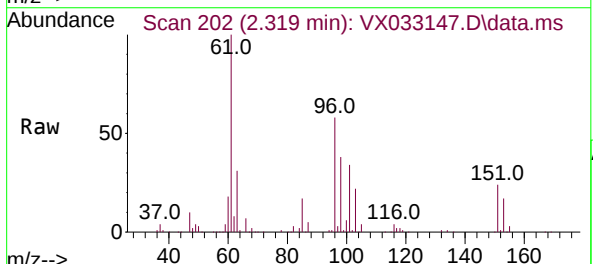
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

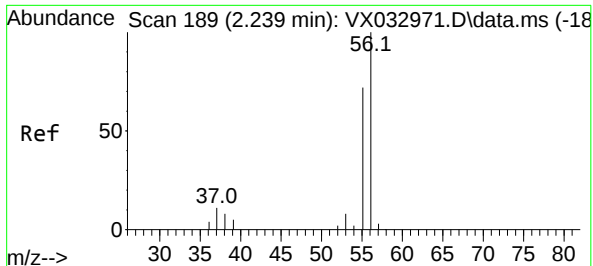
Tgt Ion: 59 Resp: 38884
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 48.024 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 96 Resp: 58960
Ion Ratio Lower Upper
96 100
61 172.0 125.1 187.7
98 65.3 50.6 76.0

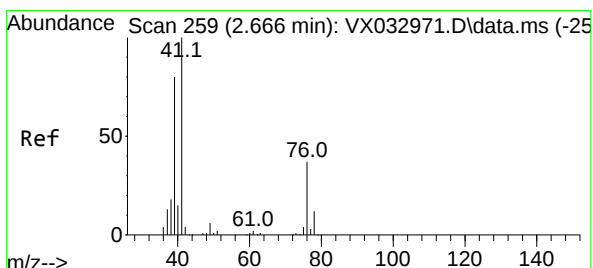
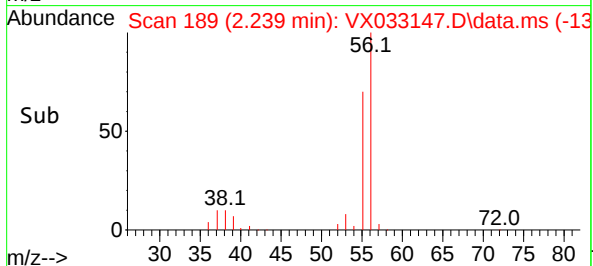
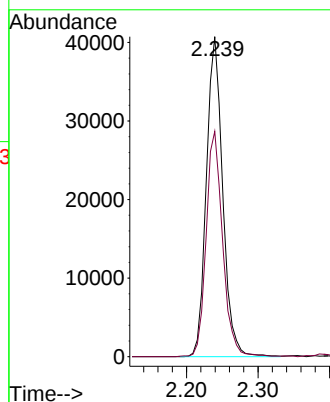
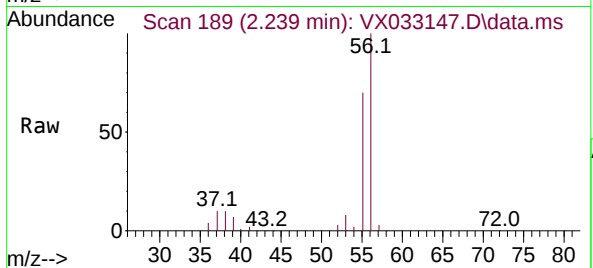




#13
Acrolein
Concen: 259.290 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

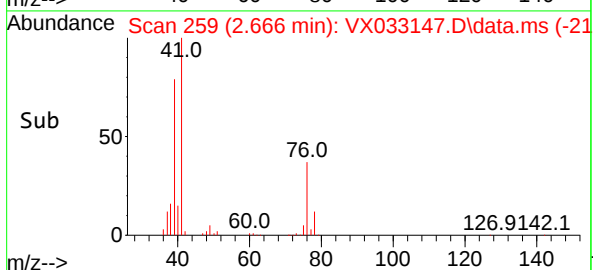
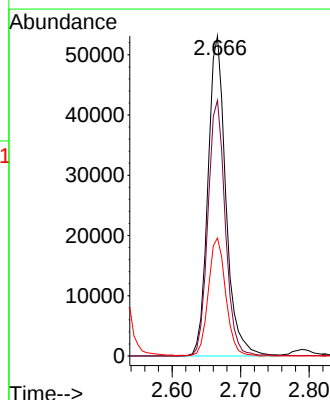
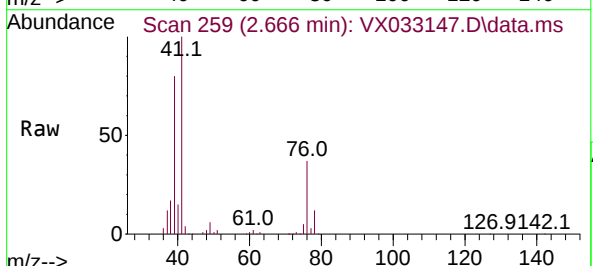
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 64684
Ion Ratio Lower Upper
56 100
55 70.9 56.9 85.3



#14
Allyl chloride
Concen: 48.682 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 41 Resp: 96491
Ion Ratio Lower Upper
41 100
39 77.3 61.4 92.2
76 35.7 29.2 43.8

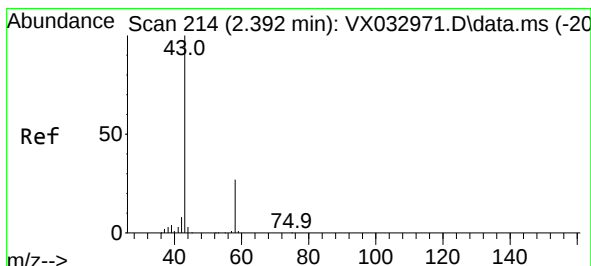
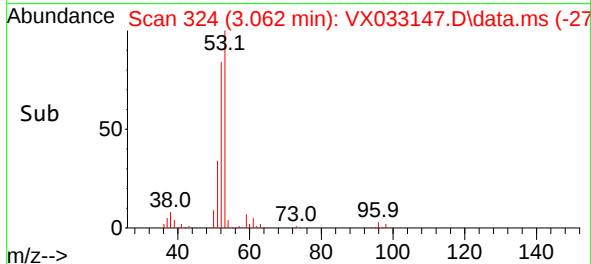
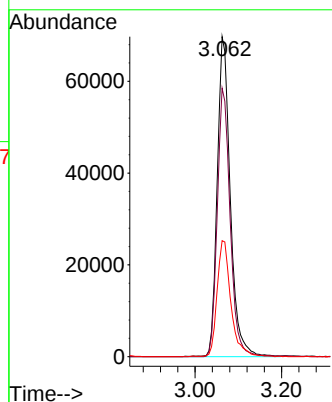
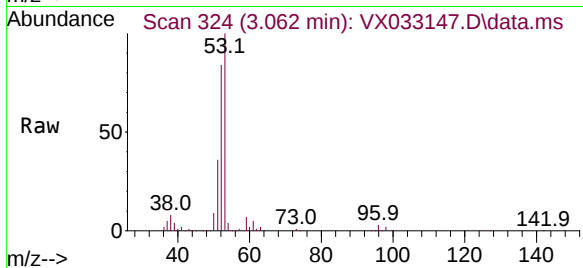




#15
 Acrylonitrile
 Concen: 238.478 ug/l
 RT: 3.062 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

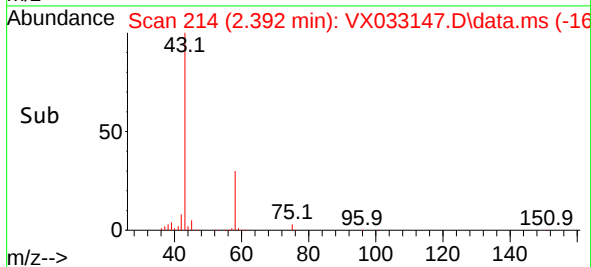
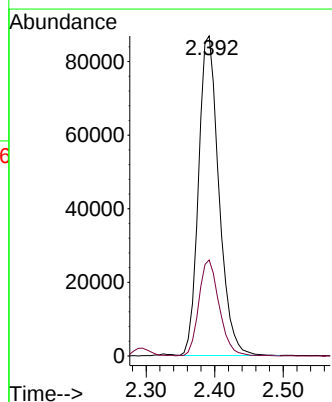
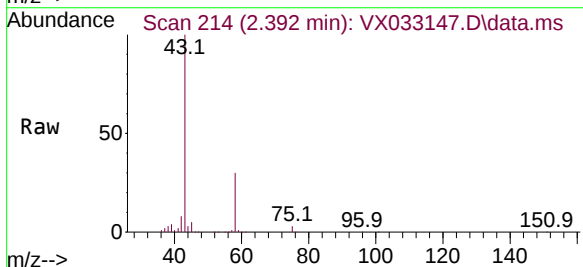
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

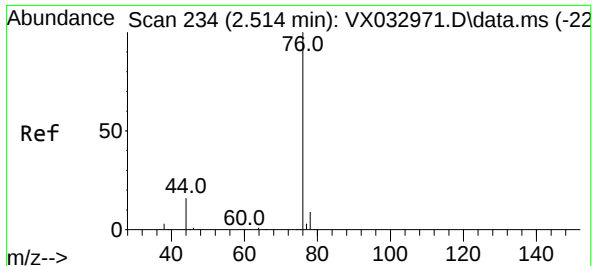
Tgt Ion: 53 Resp: 146495
 Ion Ratio Lower Upper
 53 100
 52 82.6 67.4 101.0
 51 38.3 30.3 45.5



#16
 Acetone
 Concen: 280.776 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

Tgt Ion: 43 Resp: 179653
 Ion Ratio Lower Upper
 43 100
 58 30.1 23.8 35.8

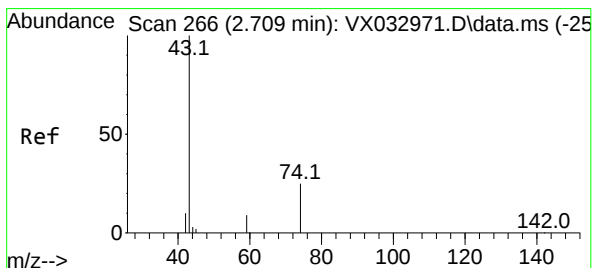
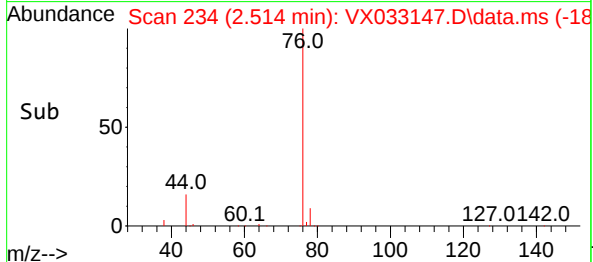
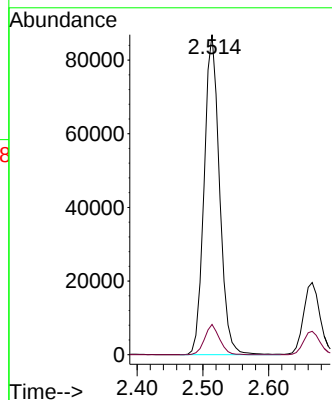
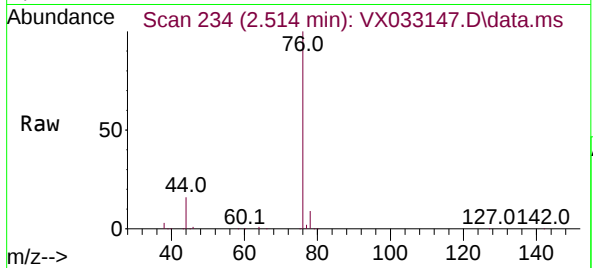




#17
Carbon Disulfide
Concen: 41.574 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

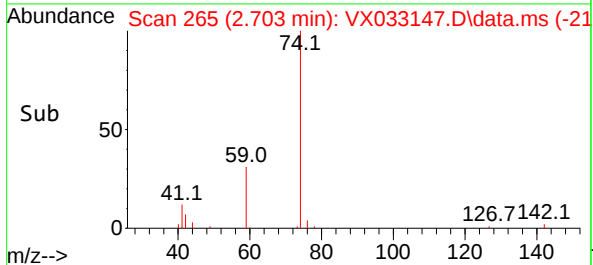
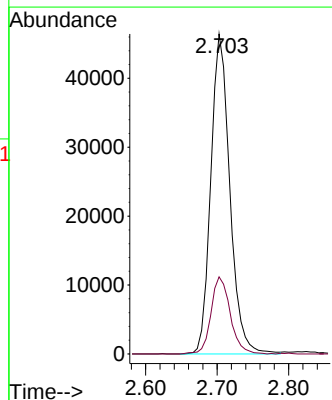
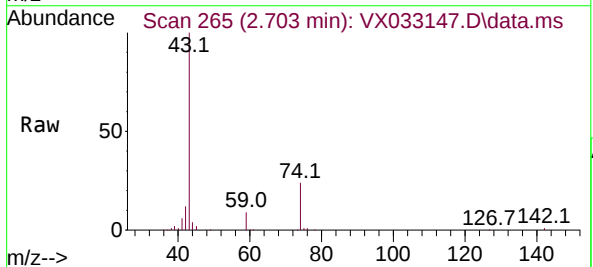
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

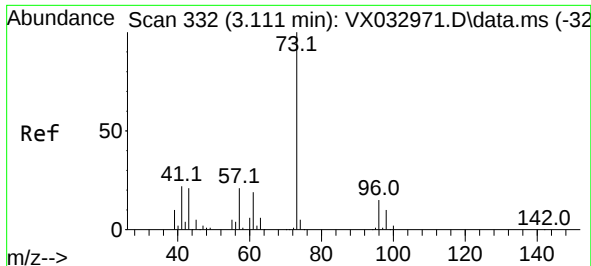
Tgt Ion: 76 Resp: 141015
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 48.482 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 43 Resp: 85871
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

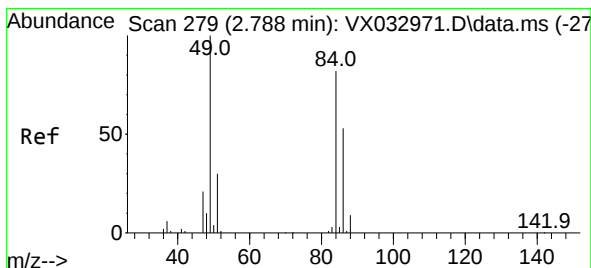
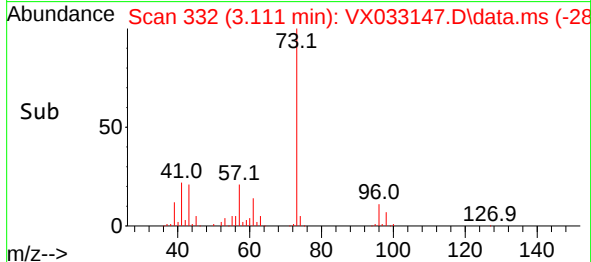
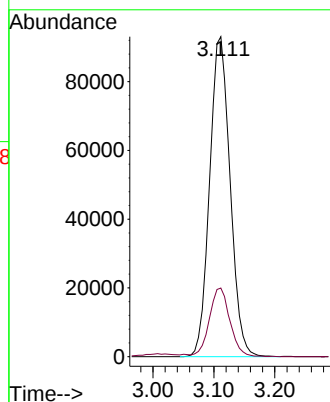
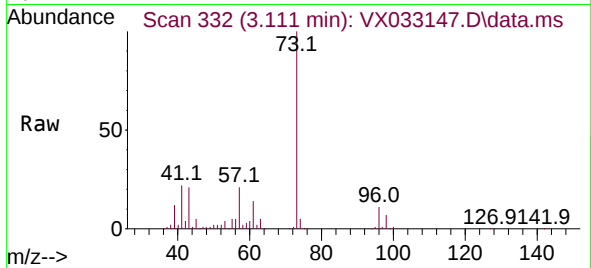




#19
Methyl tert-butyl Ether
Concen: 51.024 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

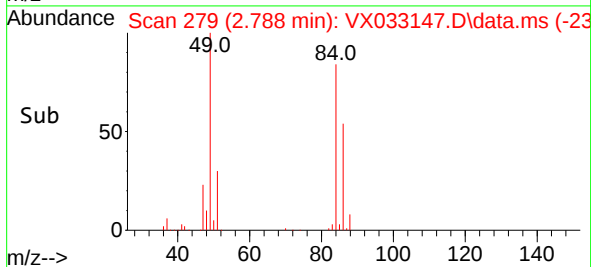
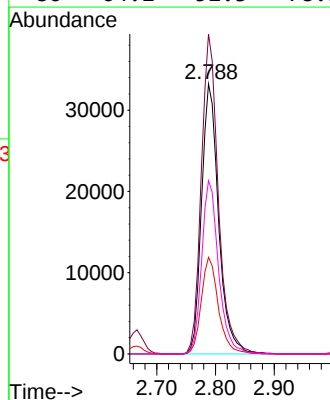
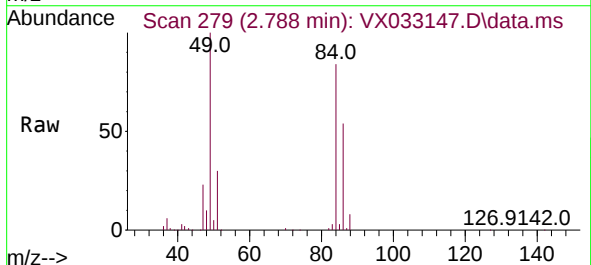
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

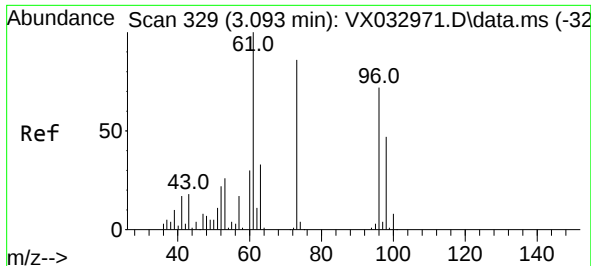
Tgt Ion: 73 Resp: 217251
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 50.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 84 Resp: 66914
Ion Ratio Lower Upper
84 100
49 118.5 101.0 151.6
51 35.8 31.1 46.7
86 64.2 52.3 78.5

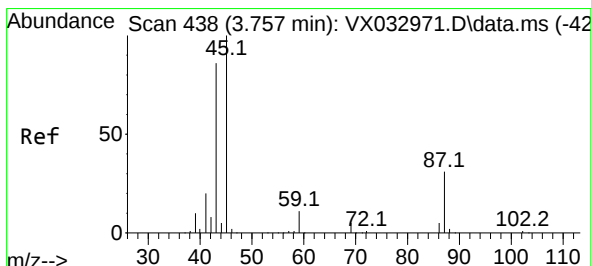
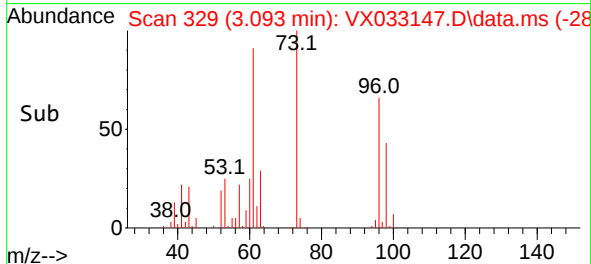
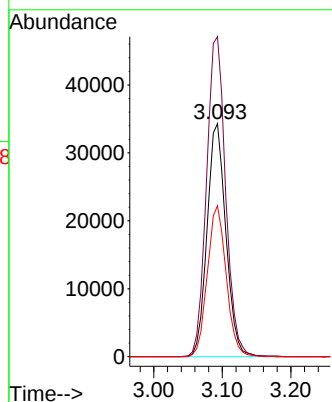
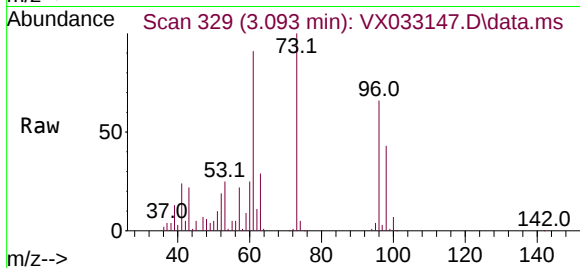




#21
trans-1,2-Dichloroethene
Concen: 46.631 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

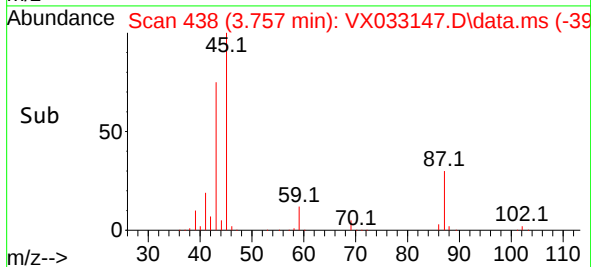
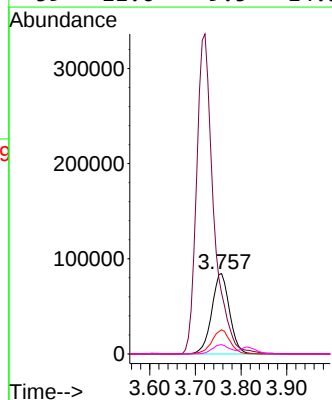
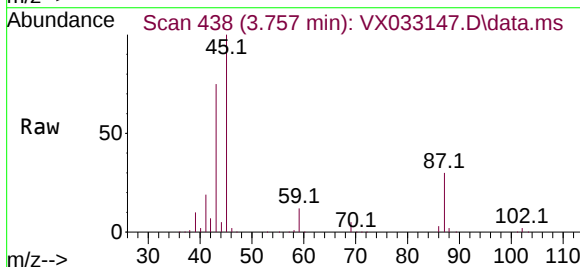
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

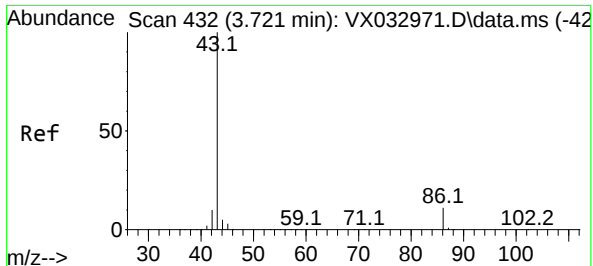
Tgt Ion: 96 Resp: 65487
Ion Ratio Lower Upper
96 100
61 137.2 106.6 160.0
98 64.7 51.0 76.6



#22
Diisopropyl ether
Concen: 52.879 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 45 Resp: 228219
Ion Ratio Lower Upper
45 100
43 75.3 56.4 84.6
87 30.0 24.4 36.6
59 11.6 9.5 14.3

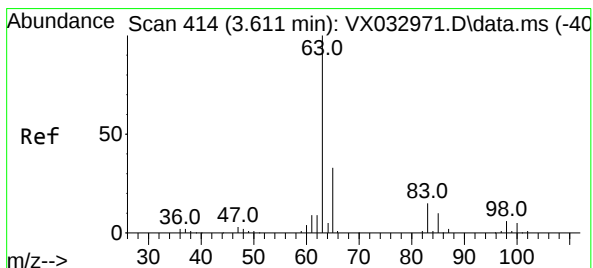
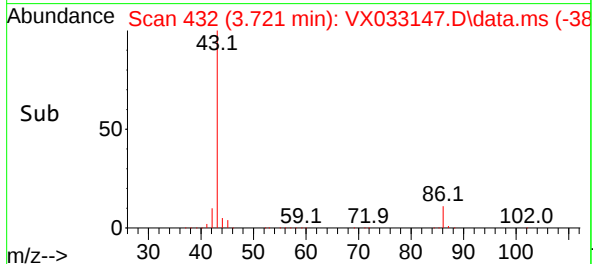
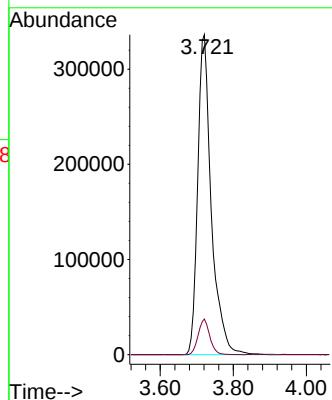
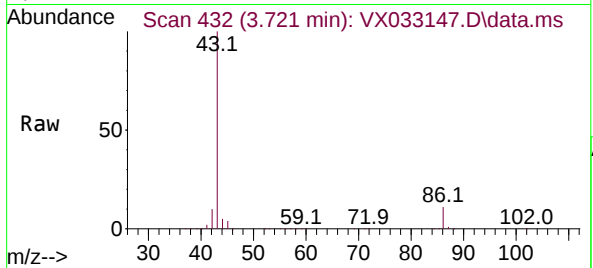




#23
 Vinyl Acetate
 Concen: 258.774 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

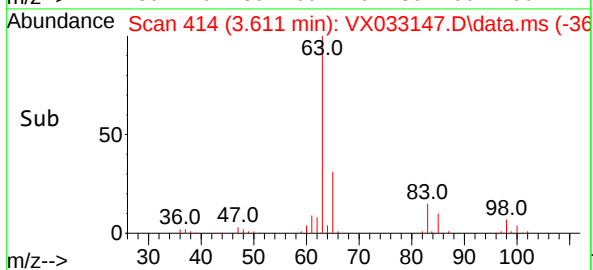
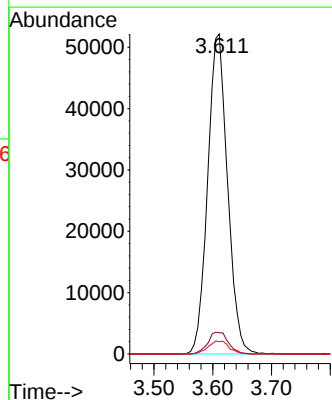
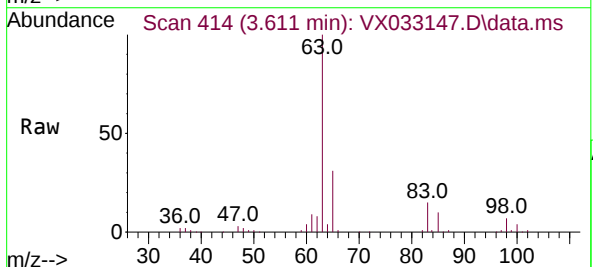
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

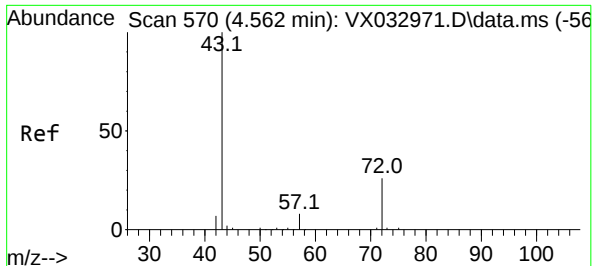
Tgt Ion: 43 Resp: 874233
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.457 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

Tgt Ion: 63 Resp: 122146
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.9 2.3 6.8

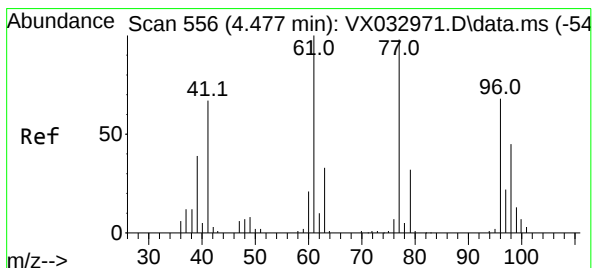
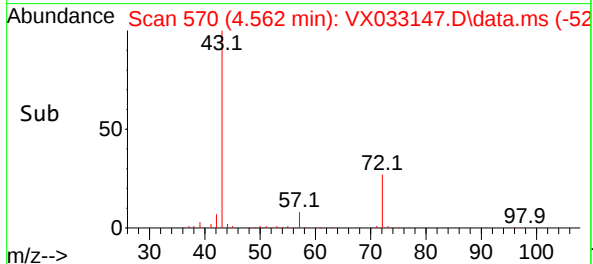
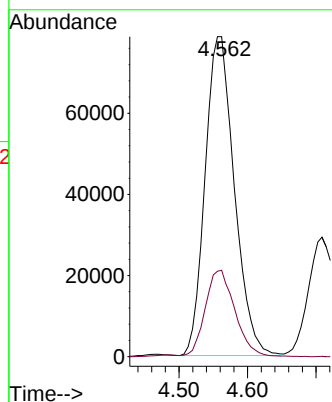
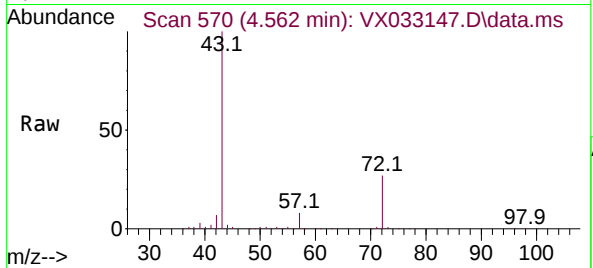




#25
2-Butanone
Concen: 264.628 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

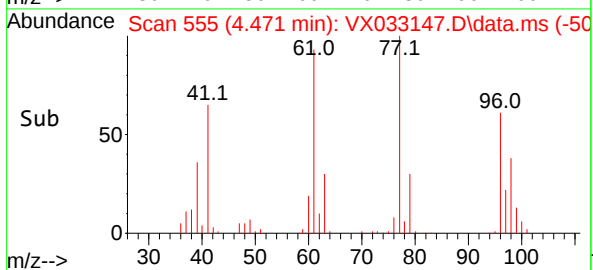
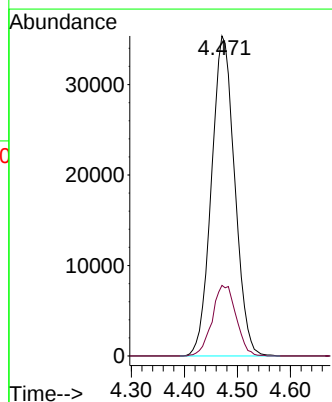
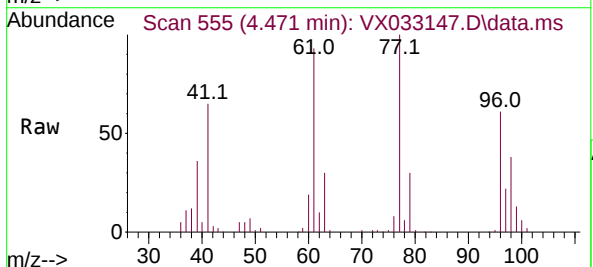
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 233479
Ion Ratio Lower Upper
43 100
72 26.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 54.280 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 77 Resp: 107791
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.787 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

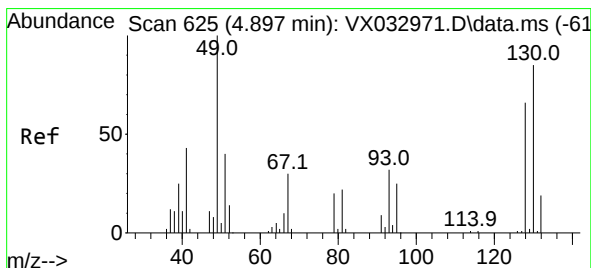
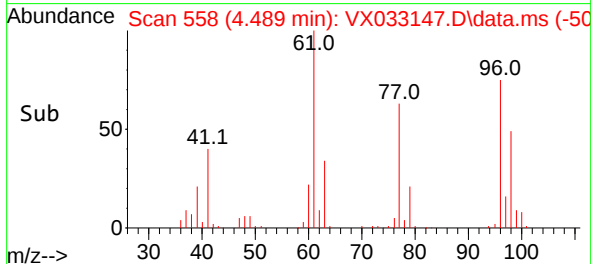
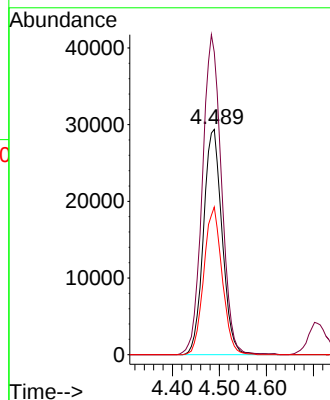
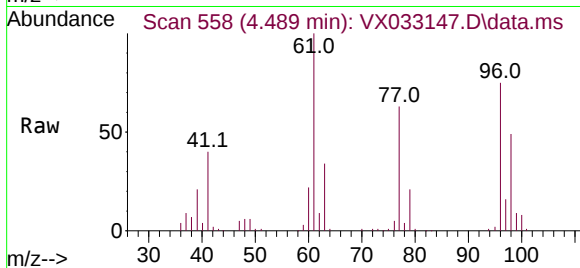
Tgt Ion: 96 Resp: 81037

Ion Ratio Lower Upper

96 100

61 145.3 0.0 286.0

98 64.3 0.0 129.6



#28

Bromochloromethane

Concen: 49.349 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

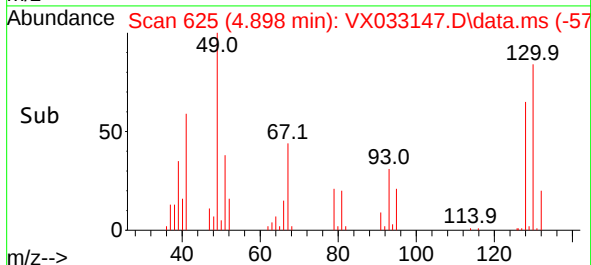
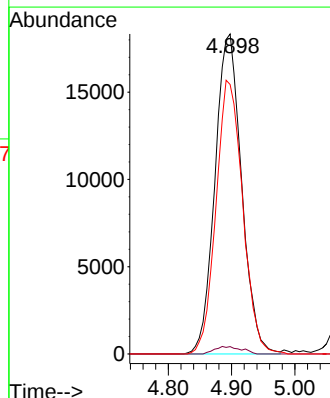
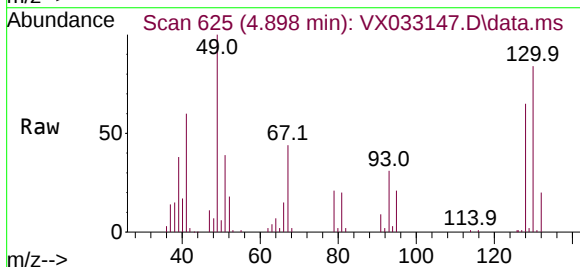
Tgt Ion: 49 Resp: 53554

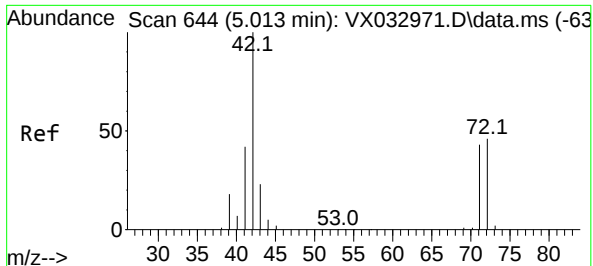
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 85.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 241.577 ug/l

RT: 5.001 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

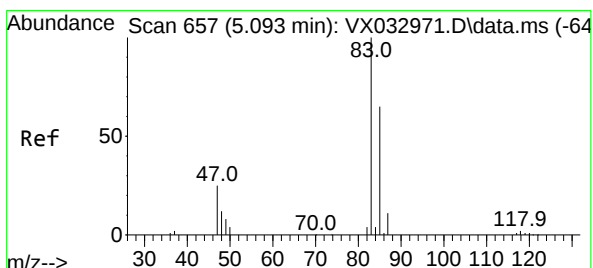
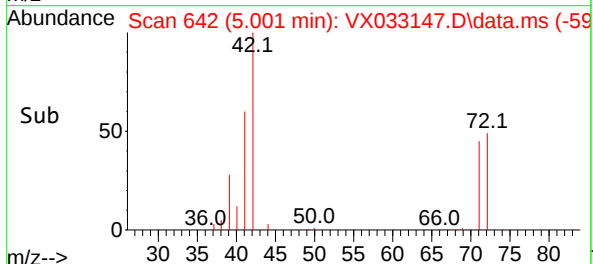
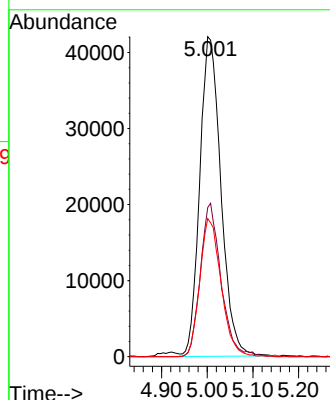
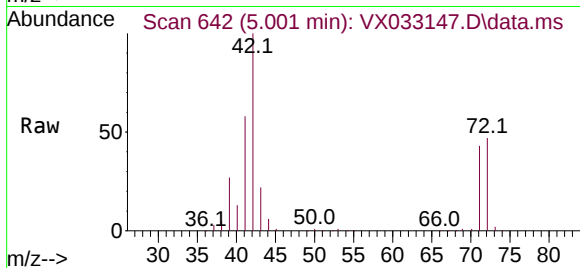
Tgt Ion: 42 Resp: 135247

Ion Ratio Lower Upper

42 100

72 46.8 37.6 56.4

71 43.4 34.7 52.1



#30

Chloroform

Concen: 52.074 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033147.D

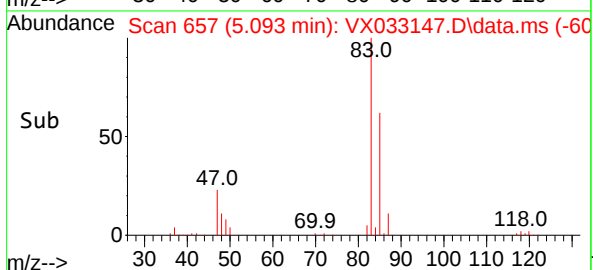
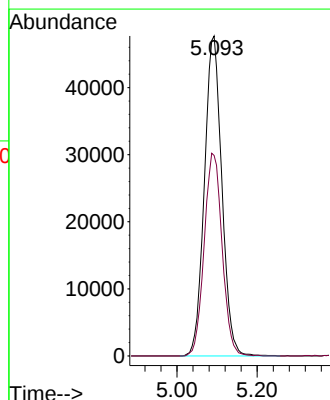
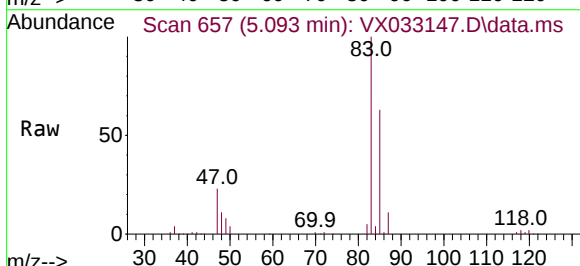
Acq: 01 Dec 2022 08:48

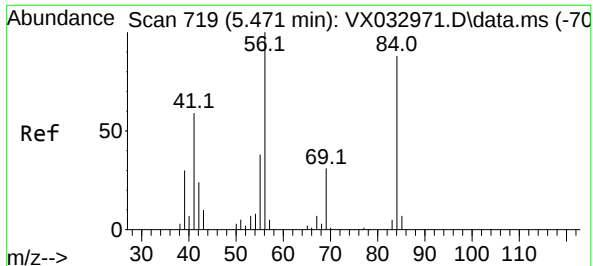
Tgt Ion: 83 Resp: 144043

Ion Ratio Lower Upper

83 100

85 62.7 51.1 76.7

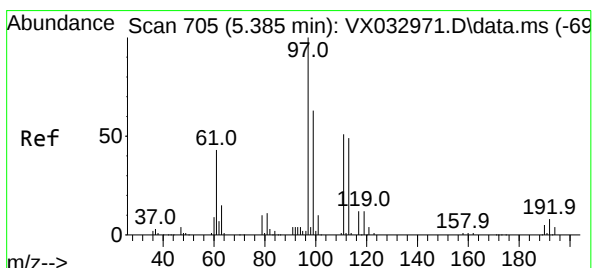
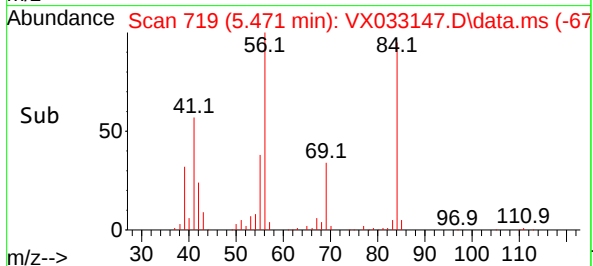
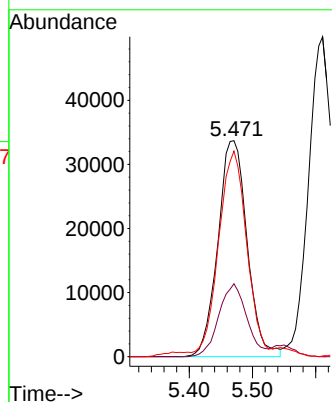
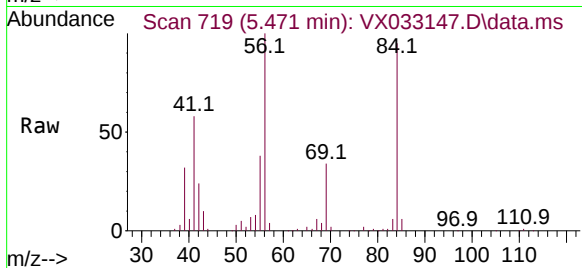




#31
Cyclohexane
Concen: 48.665 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

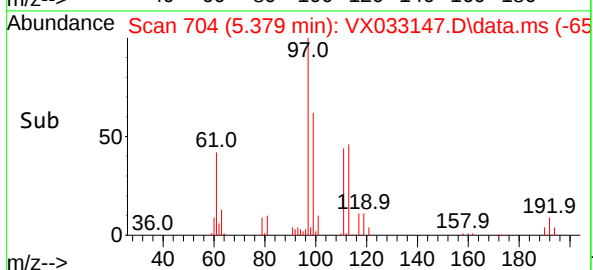
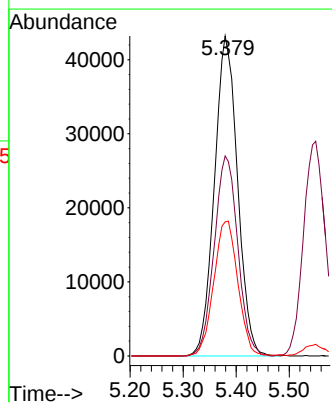
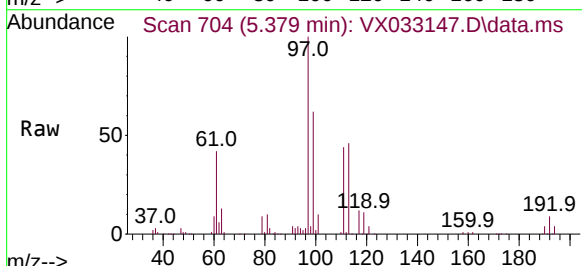
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

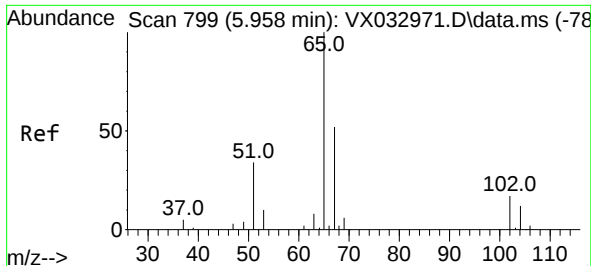
Tgt Ion: 56 Resp: 108033
Ion Ratio Lower Upper
56 100
69 33.8 24.1 36.1
84 93.2 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 52.836 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 97 Resp: 130885
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 43.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.220 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

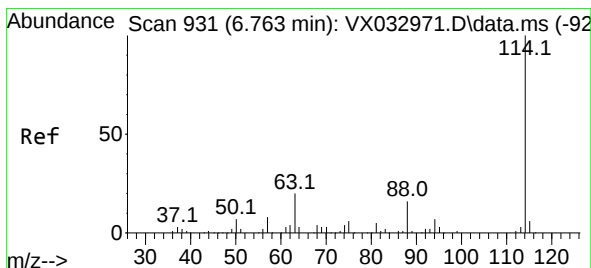
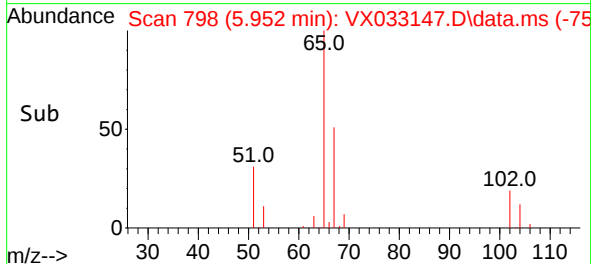
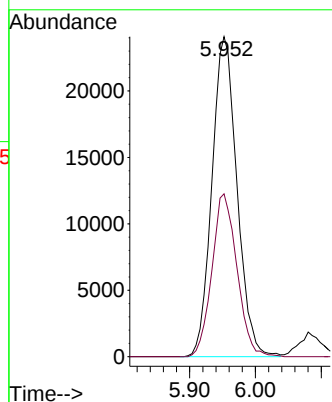
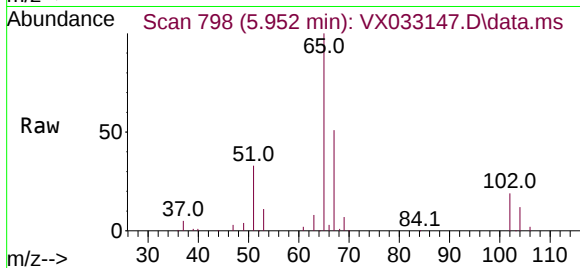
VSTDCCC050

Tgt Ion: 65 Resp: 63864

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

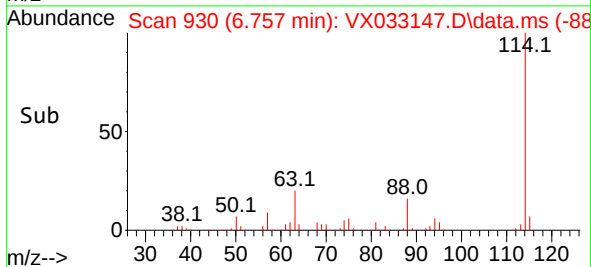
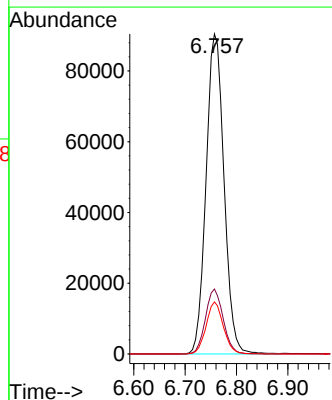
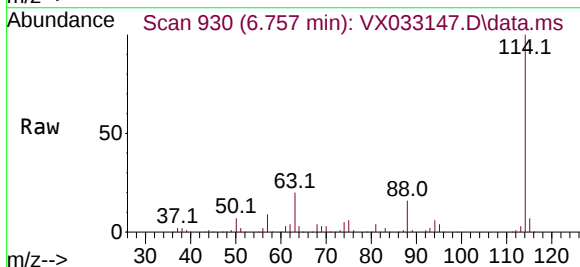
Tgt Ion: 114 Resp: 219406

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.493 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

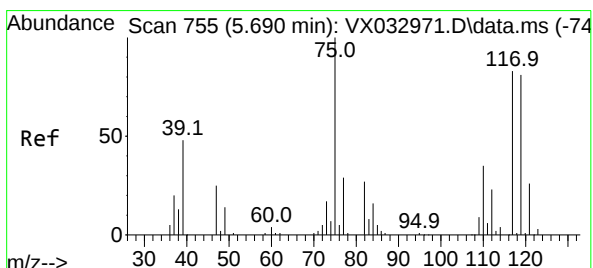
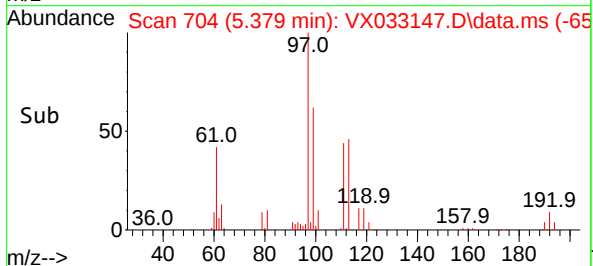
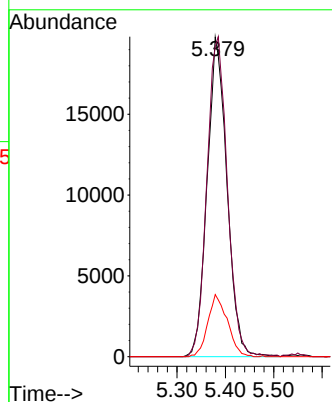
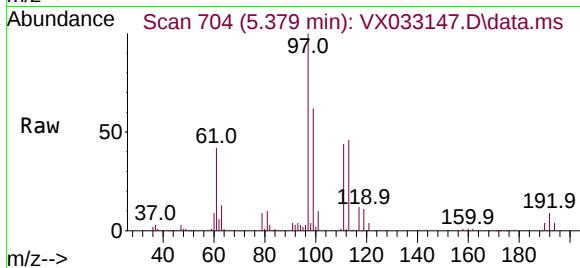
Tgt Ion:113 Resp: 56272

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 51.115 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

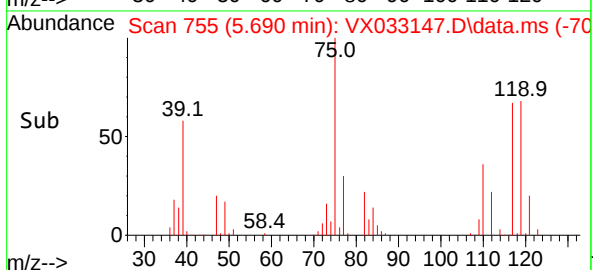
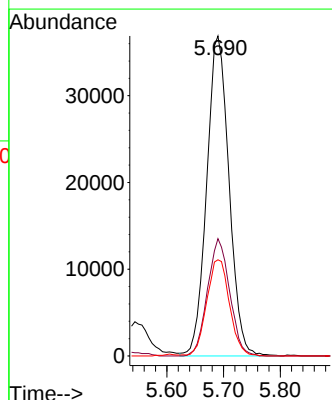
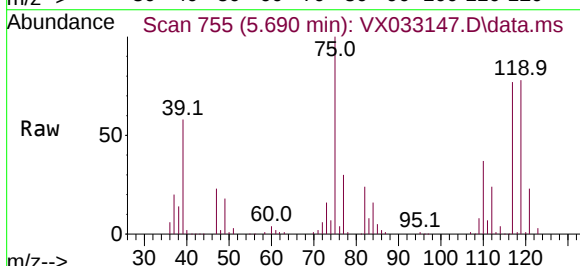
Tgt Ion: 75 Resp: 101095

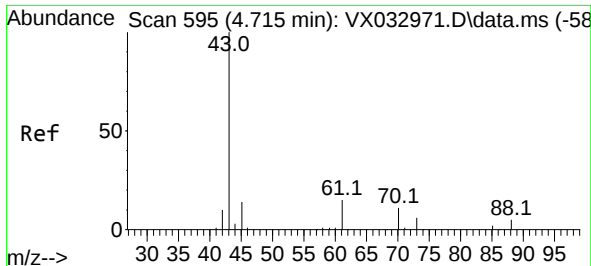
Ion Ratio Lower Upper

75 100

110 36.3 18.4 55.2

77 30.8 24.5 36.7





#37

Ethyl Acetate

Concen: 49.938 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

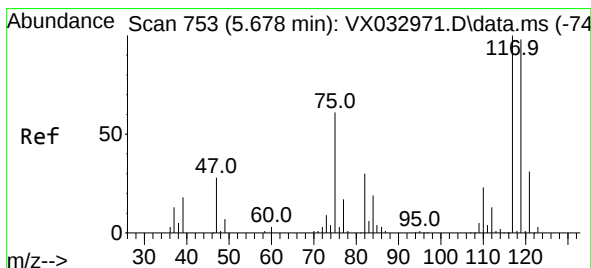
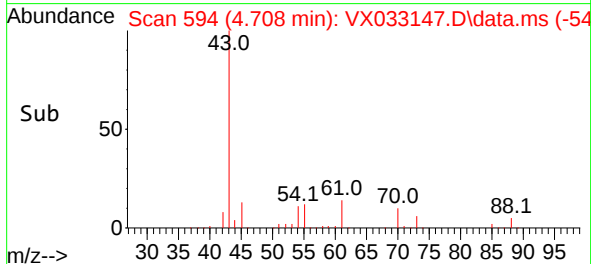
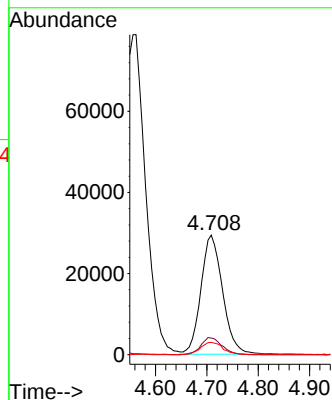
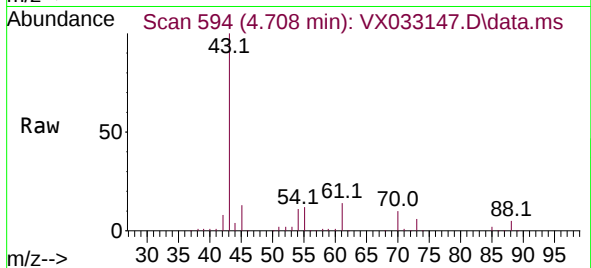
Tgt Ion: 43 Resp: 86169

Ion Ratio Lower Upper

43 100

61 14.0 11.5 17.3

70 10.6 9.1 13.7



#38

Carbon Tetrachloride

Concen: 52.217 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

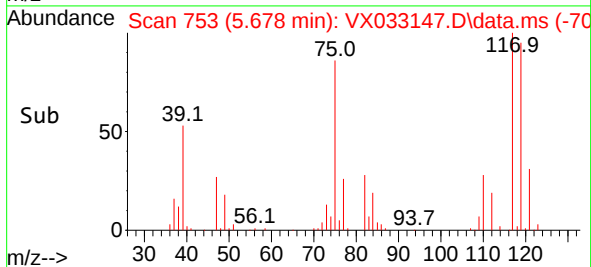
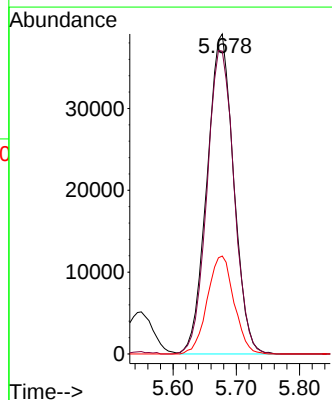
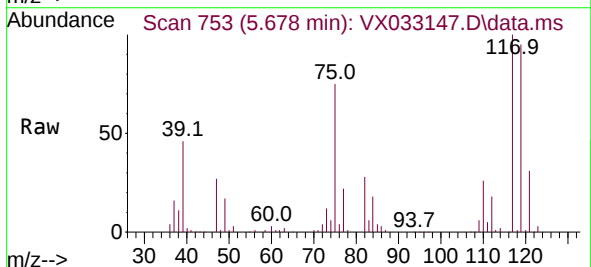
Tgt Ion: 117 Resp: 114568

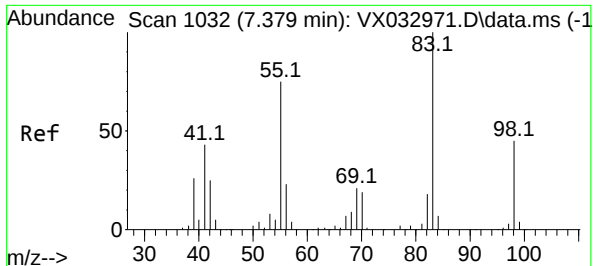
Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8

121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 51.206 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

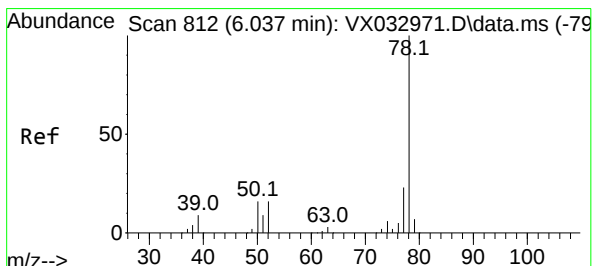
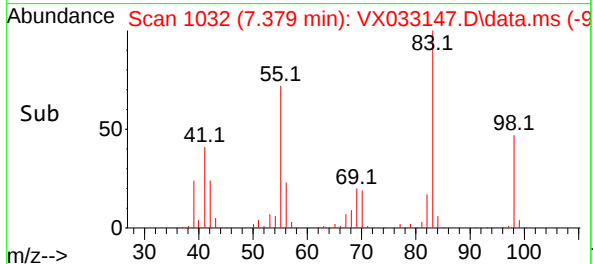
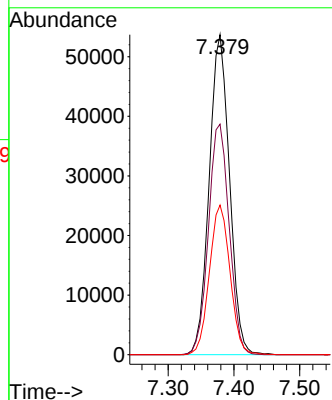
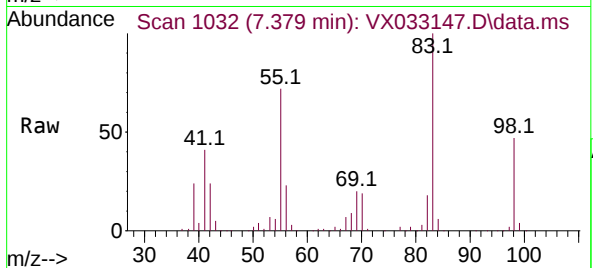
Tgt Ion: 83 Resp: 115554

Ion Ratio Lower Upper

83 100

55 72.0 58.4 87.6

98 46.7 37.2 55.8



#40

Benzene

Concen: 51.027 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX033147.D

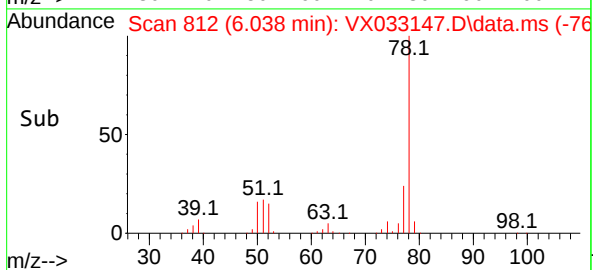
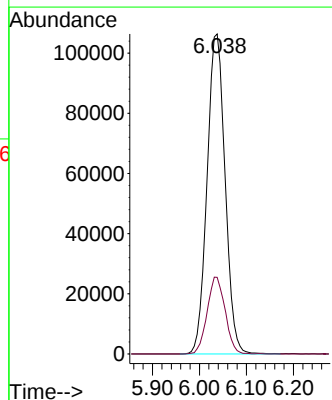
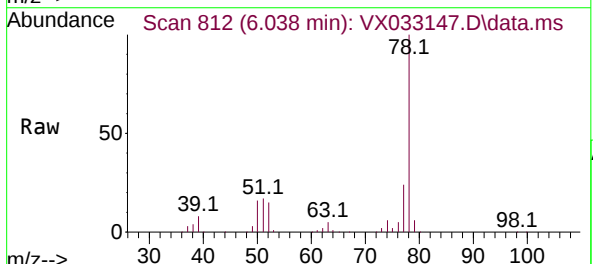
Acq: 01 Dec 2022 08:48

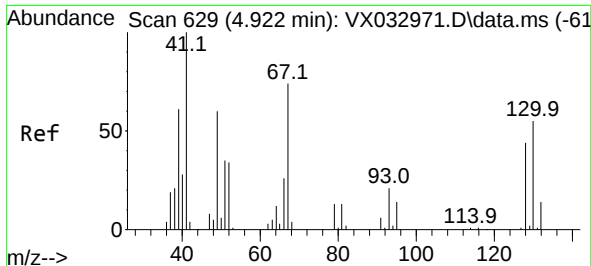
Tgt Ion: 78 Resp: 282961

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



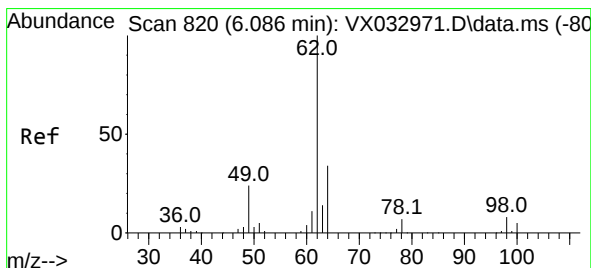
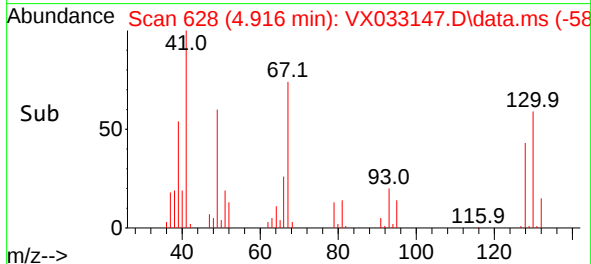
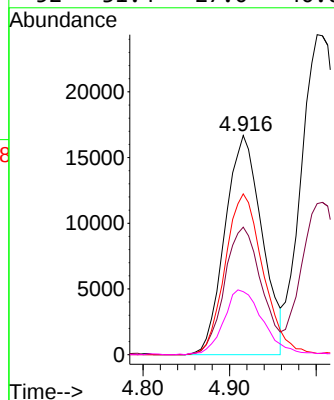
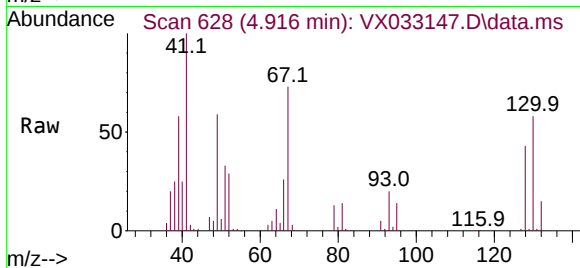


#41
Methacrylonitrile
Concen: 51.180 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 49692

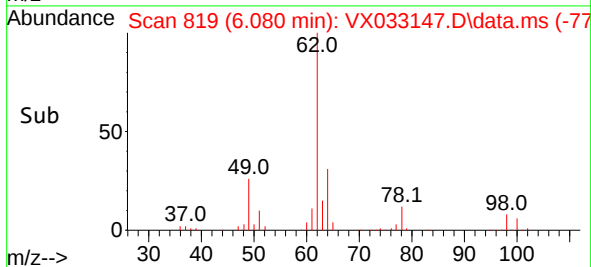
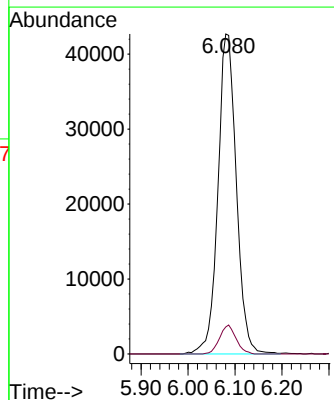
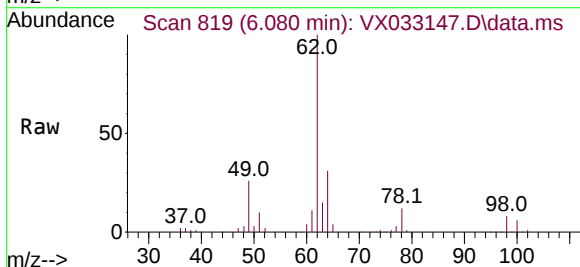
Ion	Ratio	Lower	Upper
41	100		
39	58.0	47.5	71.3
67	75.2	60.5	90.7
52	31.4	27.0	40.6

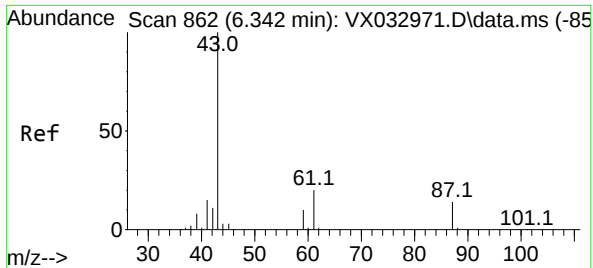


#42
1,2-Dichloroethane
Concen: 52.111 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 62 Resp: 116350

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0

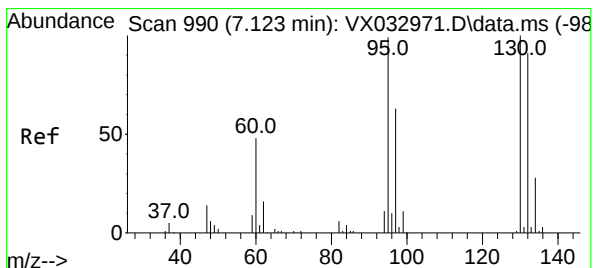
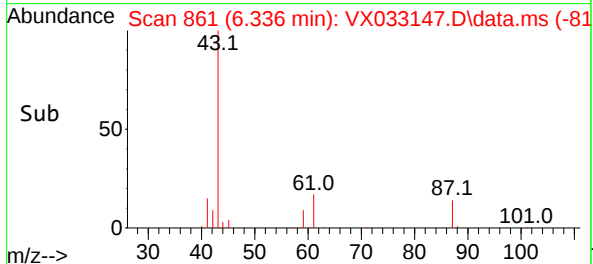
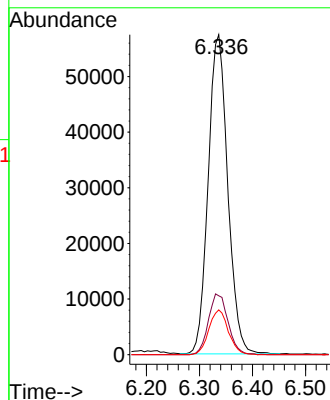
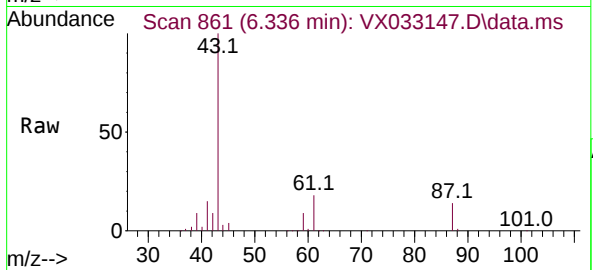




#43
Isopropyl Acetate
Concen: 51.503 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

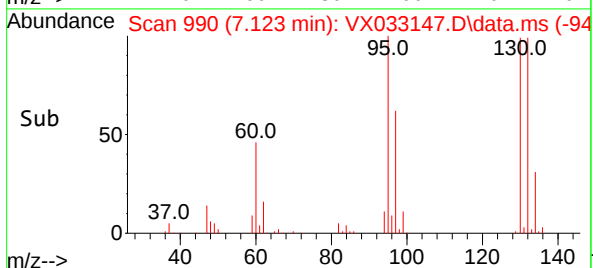
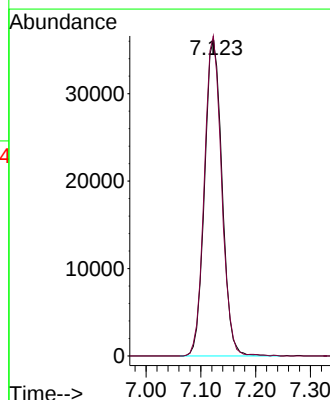
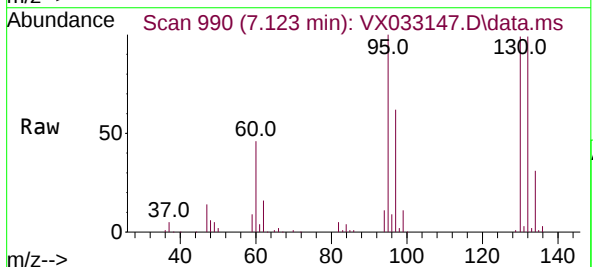
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

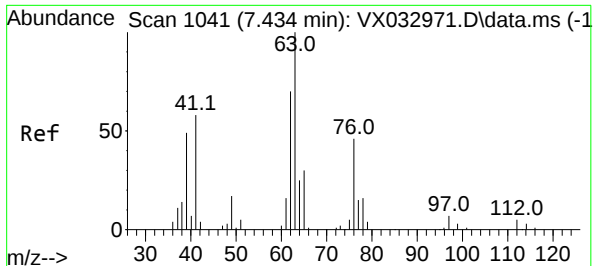
Tgt Ion: 43 Resp: 146974
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 14.0 10.8 16.2



#44
Trichloroethene
Concen: 51.248 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion:130 Resp: 79744
Ion Ratio Lower Upper
130 100
95 101.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.519 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

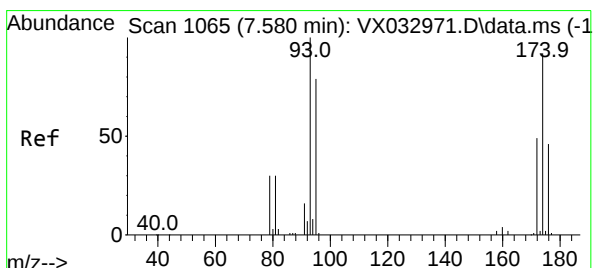
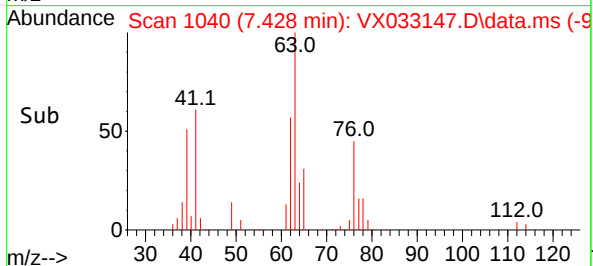
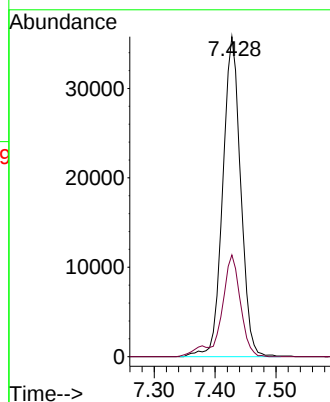
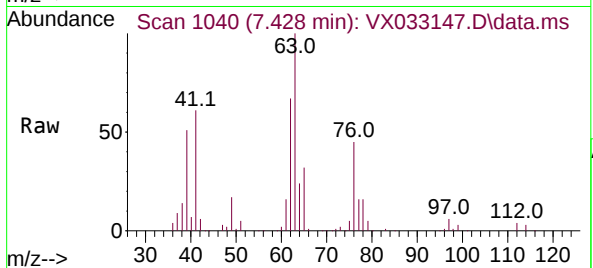
VSTDCCC050

Tgt Ion: 63 Resp: 73343

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#46

Dibromomethane

Concen: 50.812 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

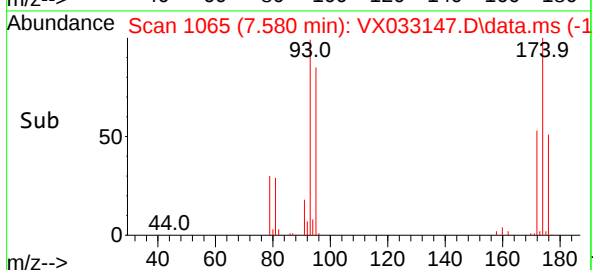
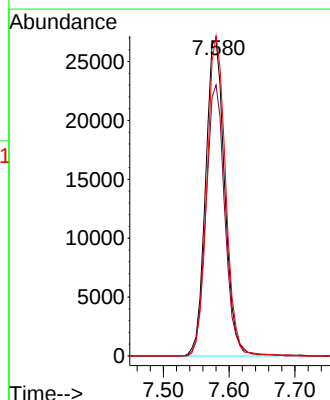
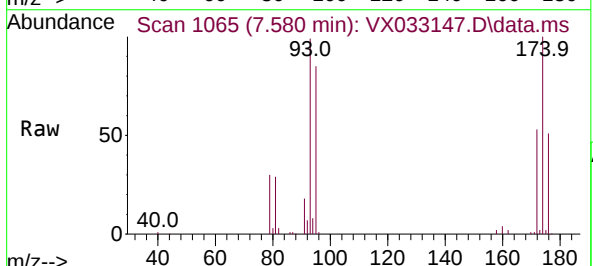
Tgt Ion: 93 Resp: 54334

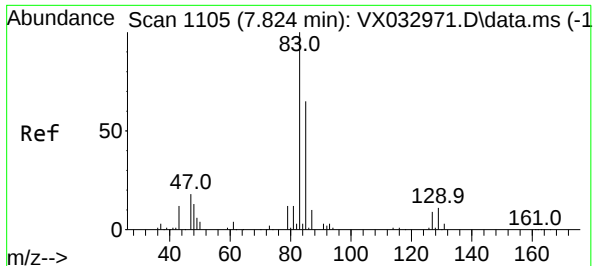
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.8

174 98.6 79.8 119.6

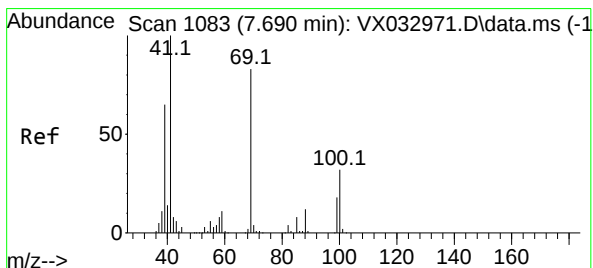
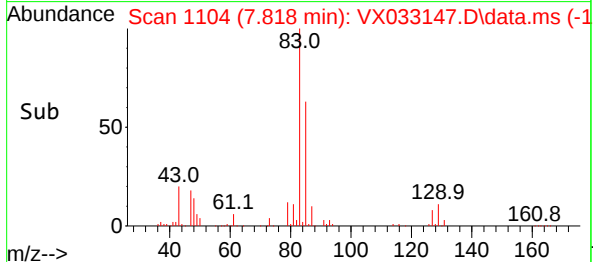
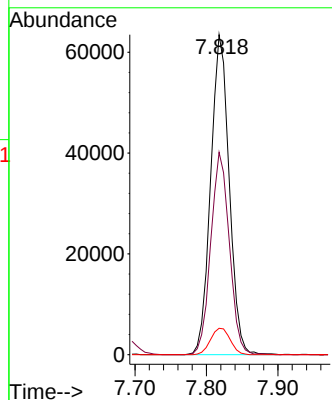
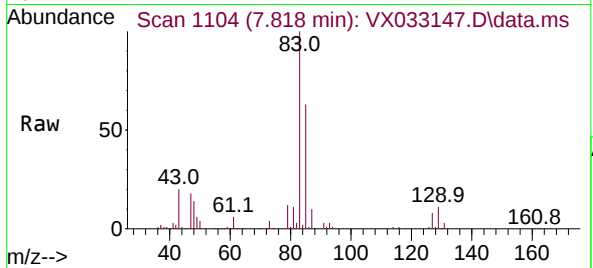




#47
Bromodichloromethane
Concen: 55.261 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

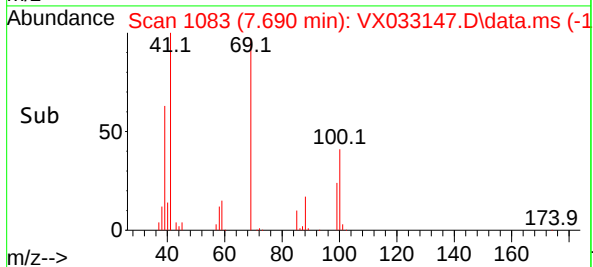
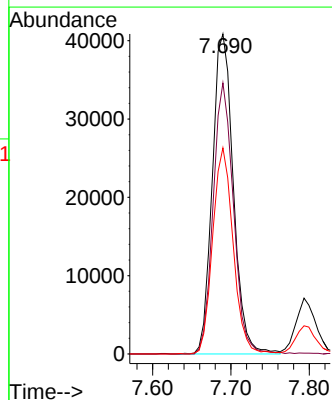
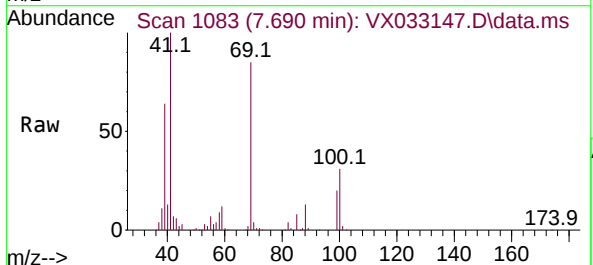
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

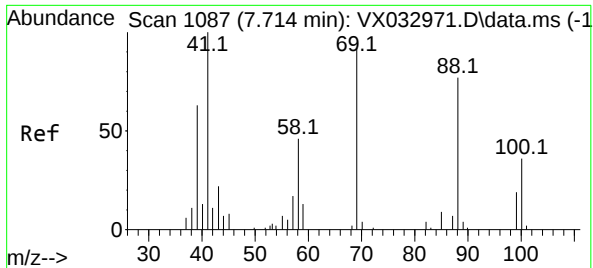
Tgt Ion: 83 Resp: 114182
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4
127 8.3 7.4 11.2



#48
Methyl methacrylate
Concen: 51.856 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 41 Resp: 76171
Ion Ratio Lower Upper
41 100
69 81.9 65.1 97.7
39 62.8 51.9 77.9





#49

1,4-Dioxane

Concen: 1045.854 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.037 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

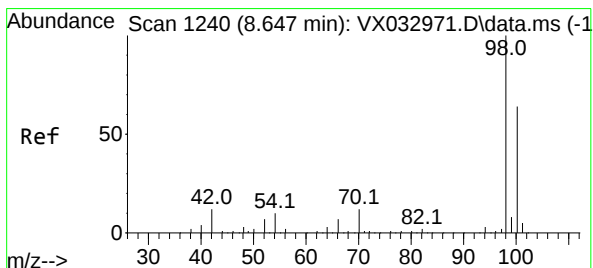
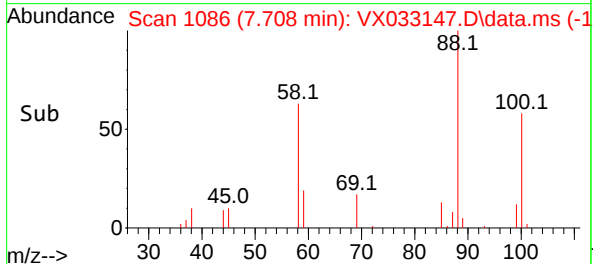
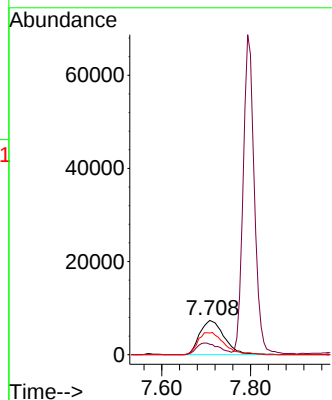
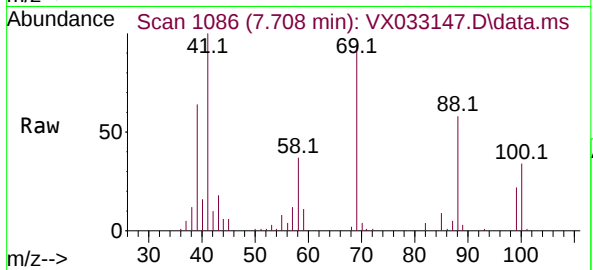
Tgt Ion: 88 Resp: 28279

Ion Ratio Lower Upper

88 100

43 31.9 26.6 39.8

58 66.5 51.7 77.5



#50

Toluene-d8

Concen: 44.964 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033147.D

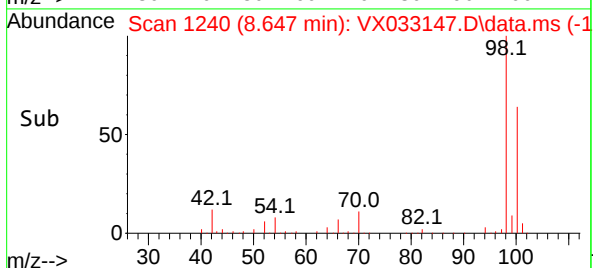
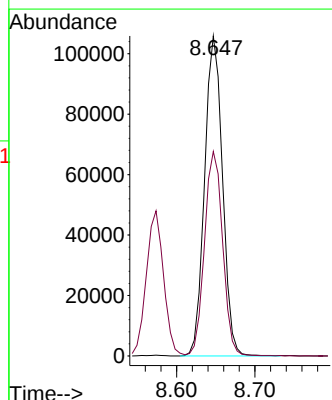
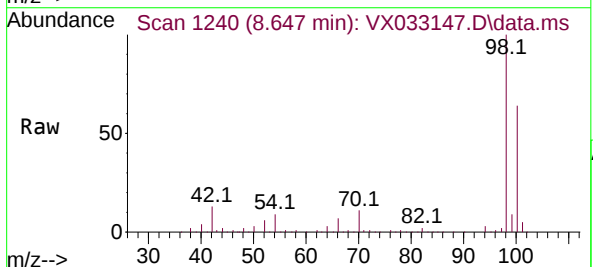
Acq: 01 Dec 2022 08:48

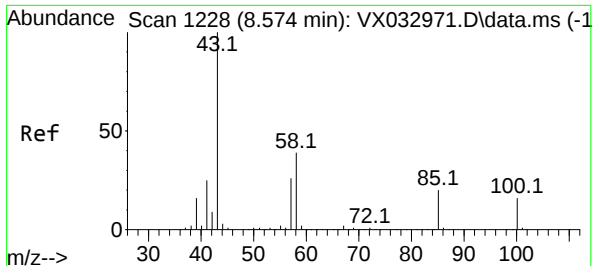
Tgt Ion: 98 Resp: 168152

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3

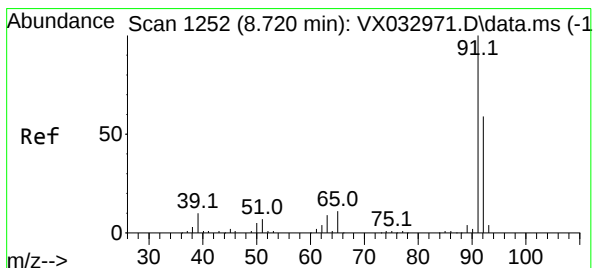
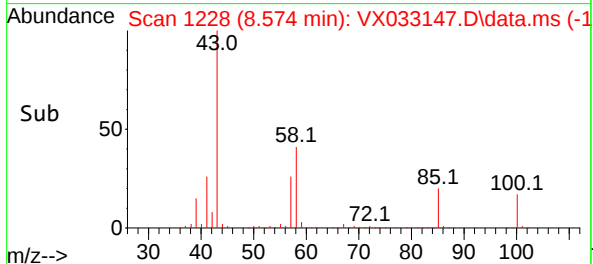
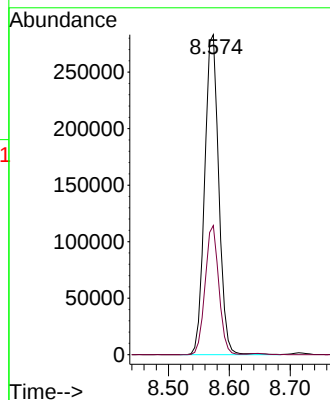
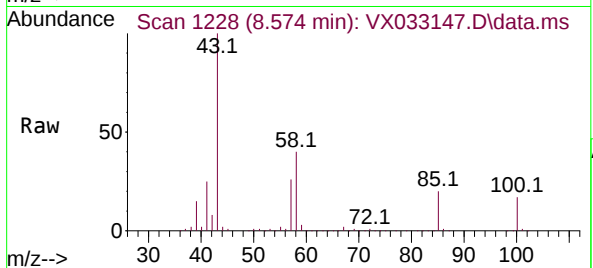




#51
4-Methyl-2-Pentanone
Concen: 259.060 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

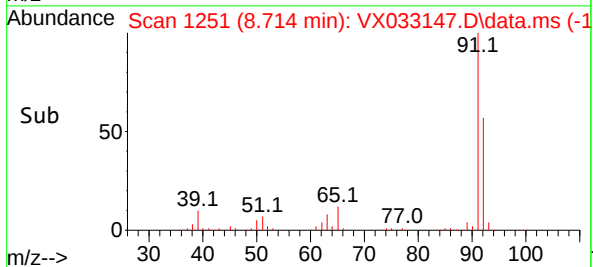
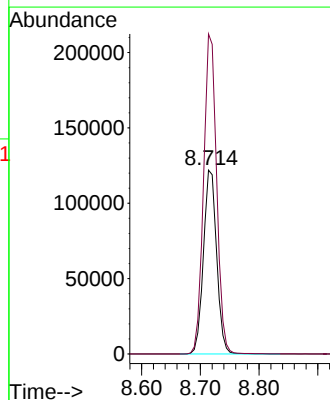
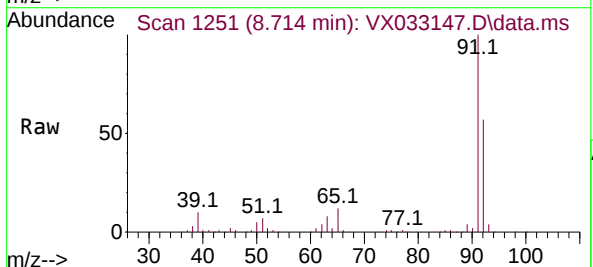
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

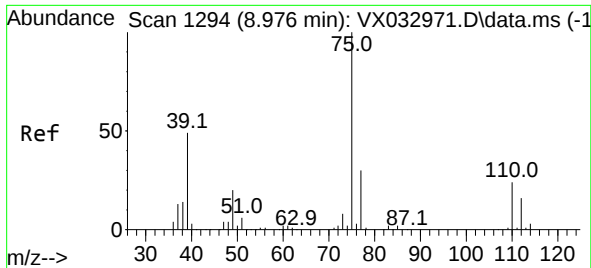
Tgt Ion: 43 Resp: 456179
Ion Ratio Lower Upper
43 100
58 39.2 30.9 46.3



#52
Toluene
Concen: 52.255 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 92 Resp: 190639
Ion Ratio Lower Upper
92 100
91 172.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.119 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

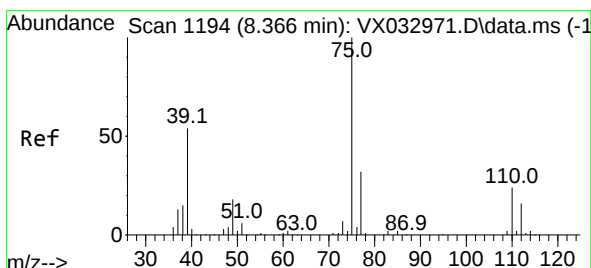
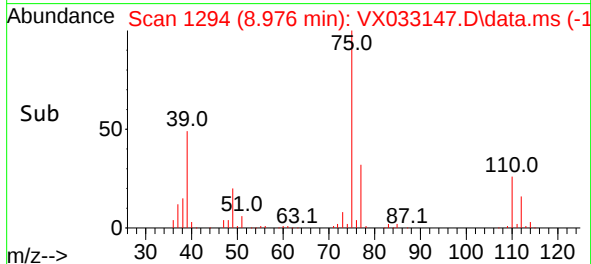
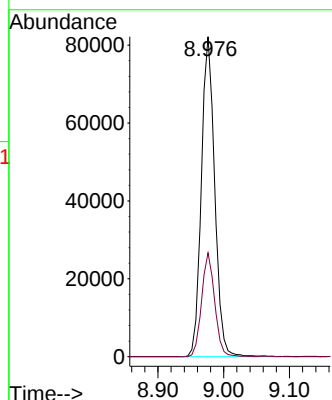
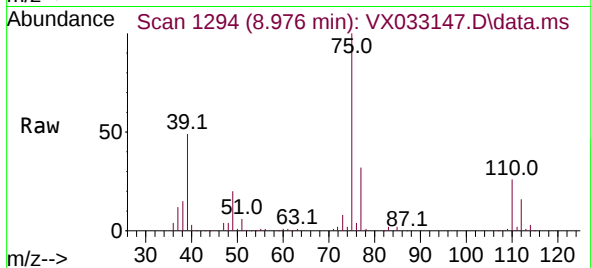
VSTDCCC050

Tgt Ion: 75 Resp: 115856

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 55.299 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

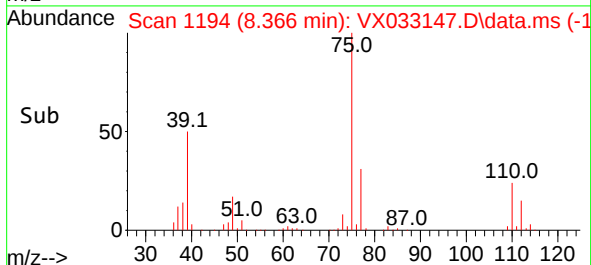
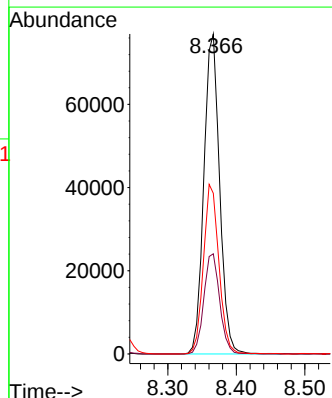
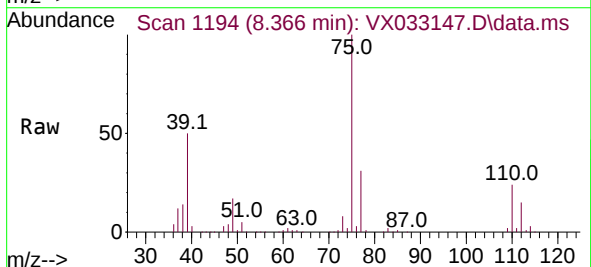
Tgt Ion: 75 Resp: 123178

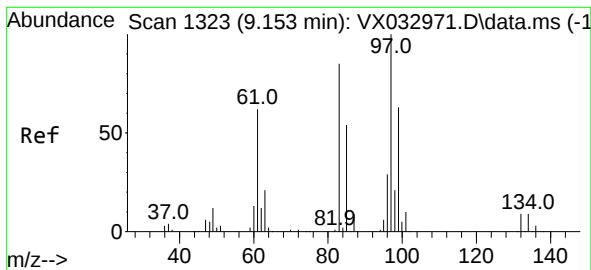
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 50.2 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 52.201 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 77536

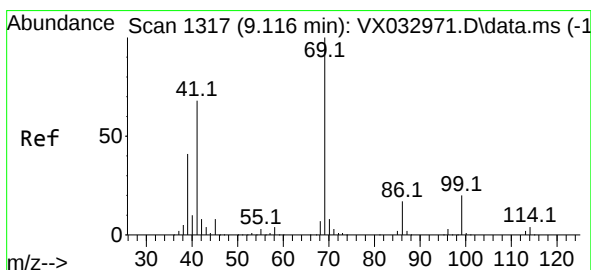
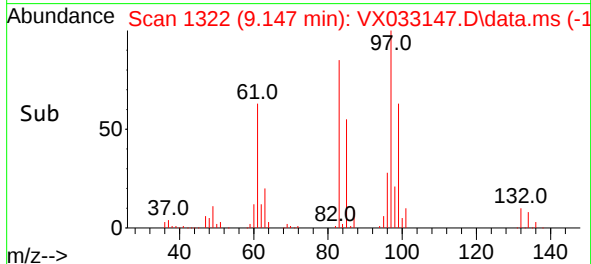
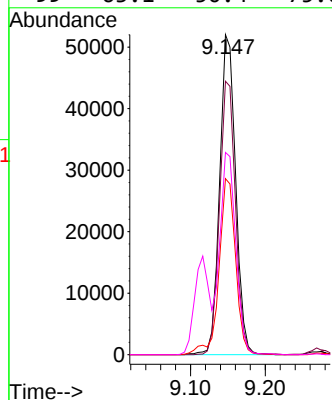
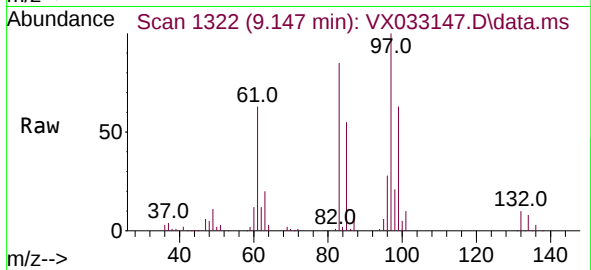
Ion Ratio Lower Upper

97 100

83 85.5 68.1 102.1

85 55.0 43.3 64.9

99 63.1 50.4 75.6



#56

Ethyl methacrylate

Concen: 54.792 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

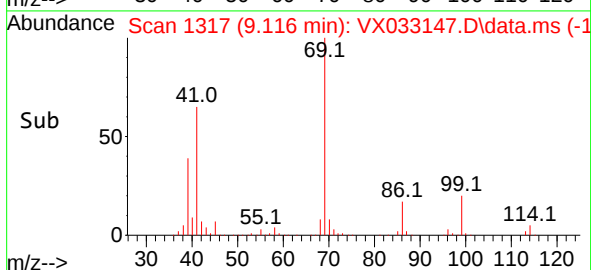
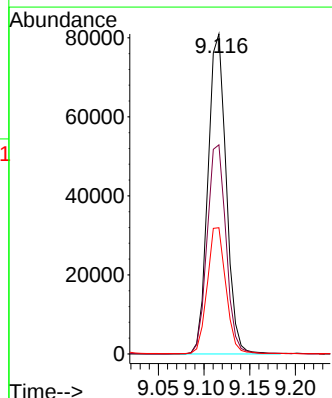
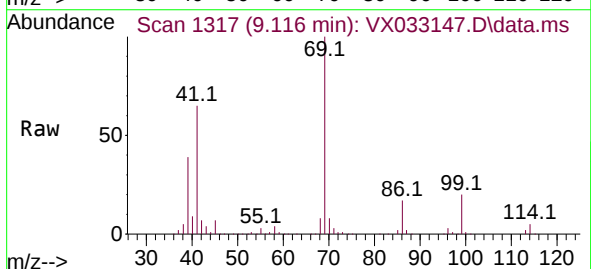
Tgt Ion: 69 Resp: 112133

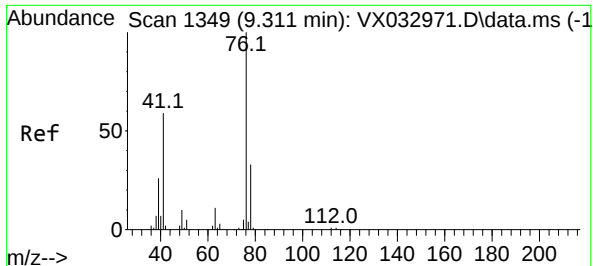
Ion Ratio Lower Upper

69 100

41 67.9 54.3 81.5

39 40.6 35.2 52.8





#57

1,3-Dichloropropane

Concen: 52.366 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

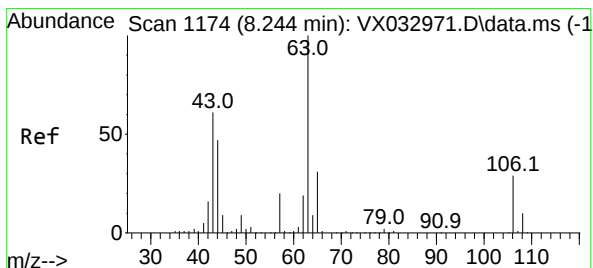
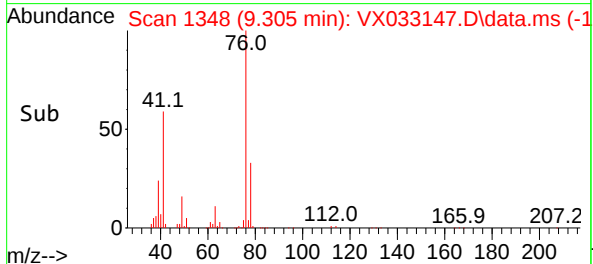
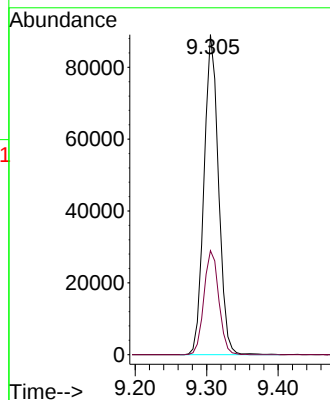
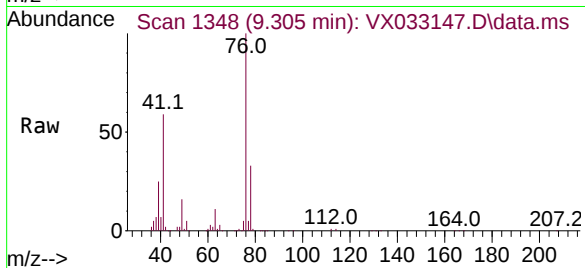
VSTDCCC050

Tgt Ion: 76 Resp: 125567

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 258.407 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033147.D

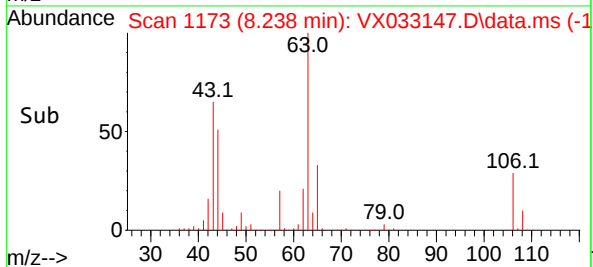
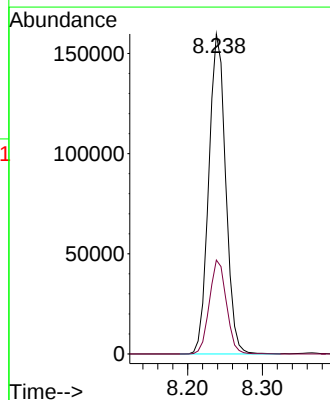
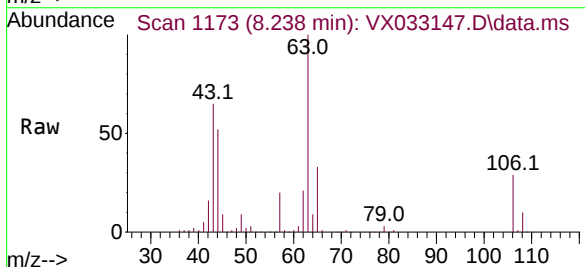
Acq: 01 Dec 2022 08:48

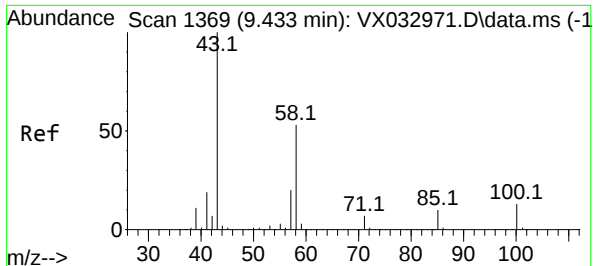
Tgt Ion: 63 Resp: 251122

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9





#59

2-Hexanone

Concen: 273.815 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

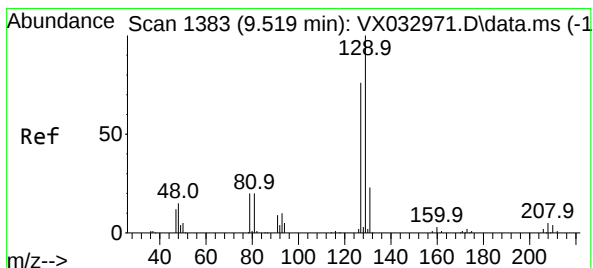
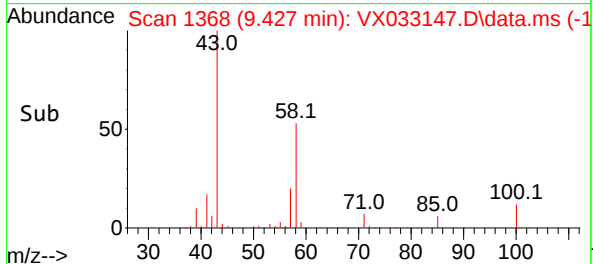
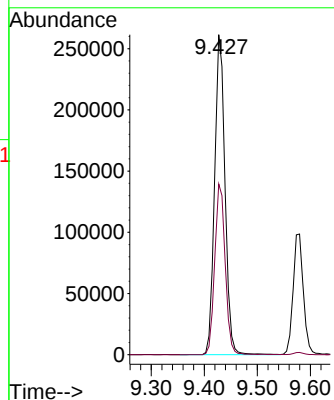
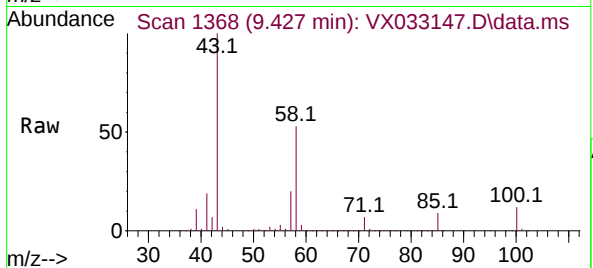
VSTDCCC050

Tgt Ion: 43 Resp: 356180

Ion Ratio Lower Upper

43 100

58 53.8 26.5 79.5



#60

Dibromochloromethane

Concen: 55.209 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033147.D

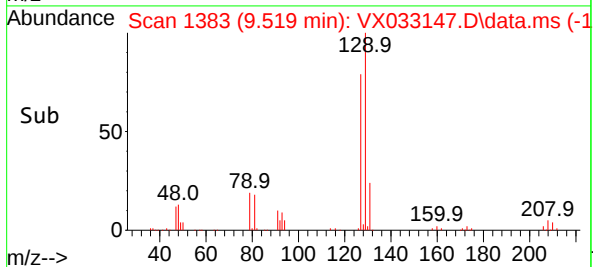
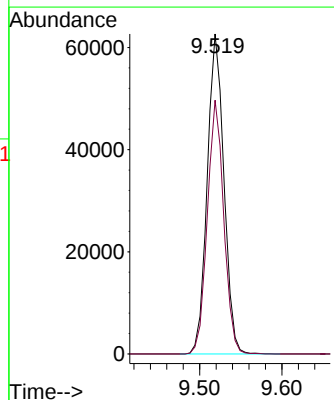
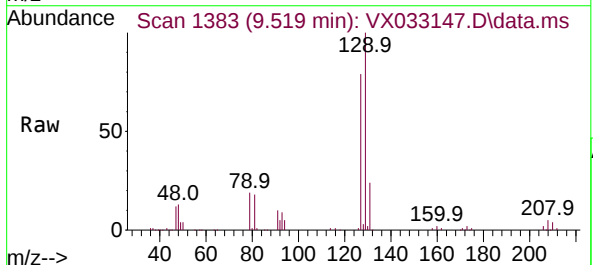
Acq: 01 Dec 2022 08:48

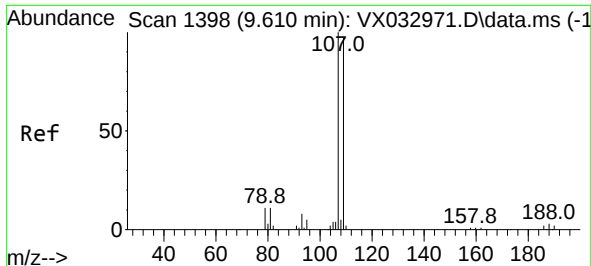
Tgt Ion: 129 Resp: 88288

Ion Ratio Lower Upper

129 100

127 78.0 38.6 115.8

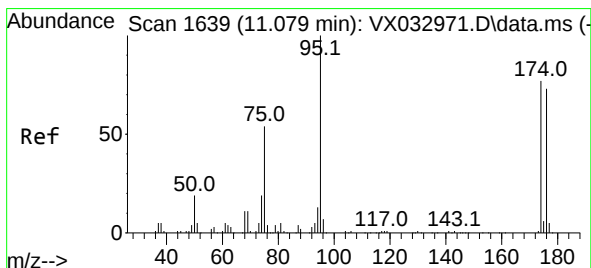
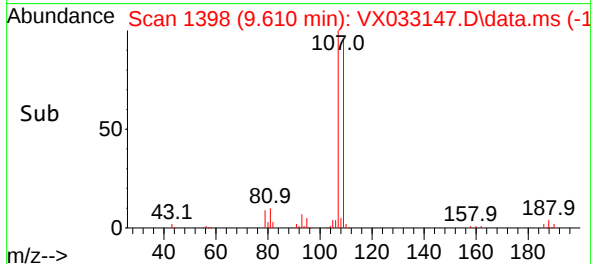
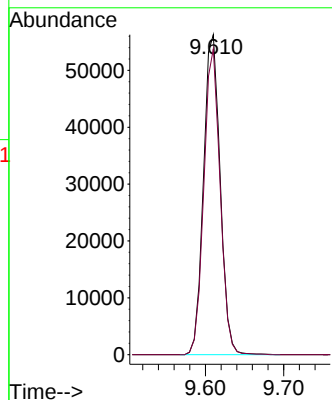
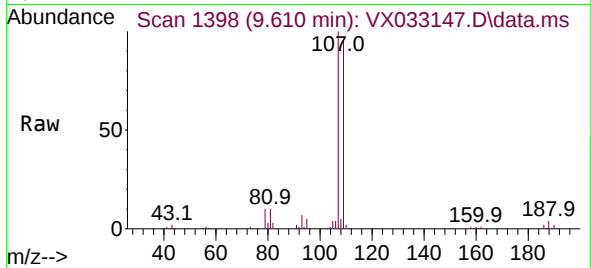




#61
1,2-Dibromoethane
Concen: 52.902 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

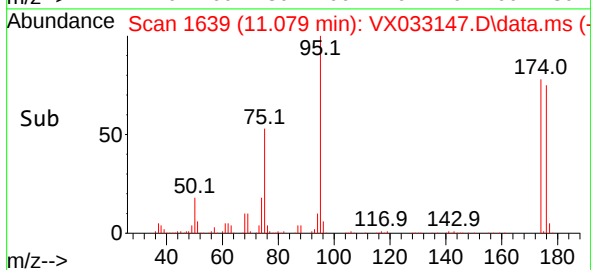
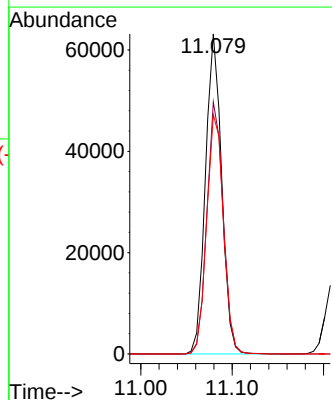
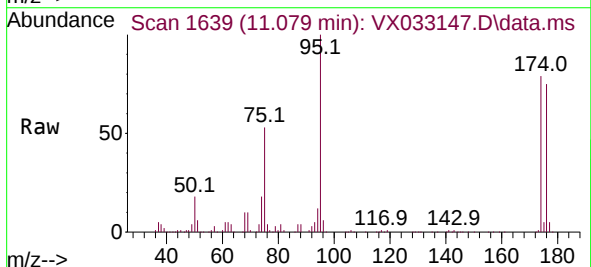
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 82938
Ion Ratio Lower Upper
107 100
109 93.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 47.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 95 Resp: 77427
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.0
176 77.5 0.0 154.4

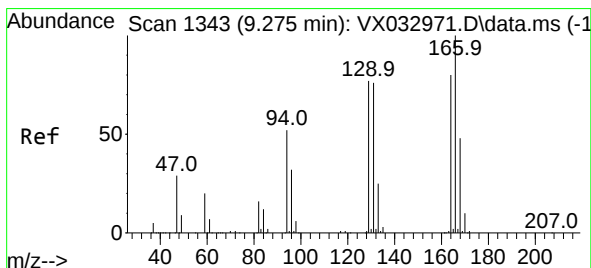
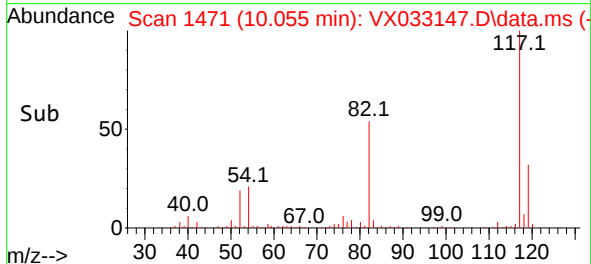
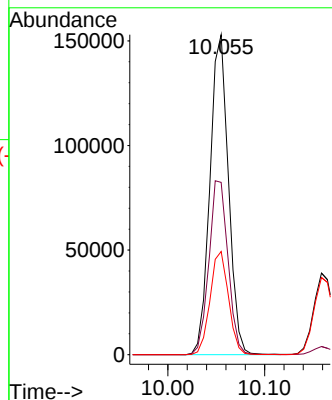
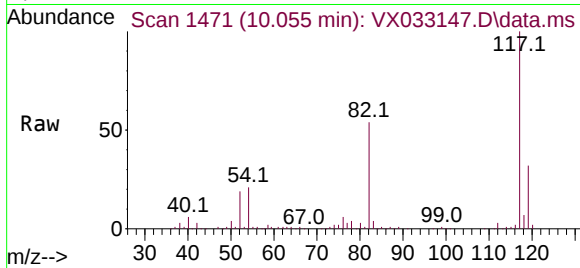




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

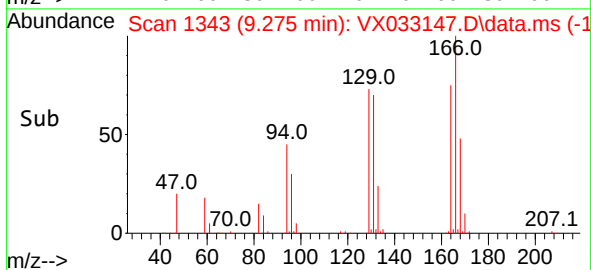
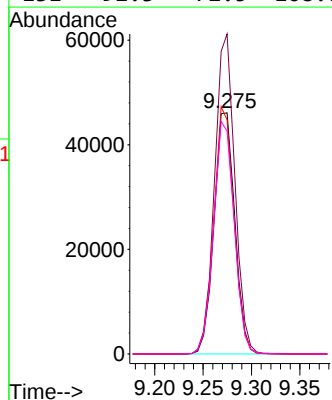
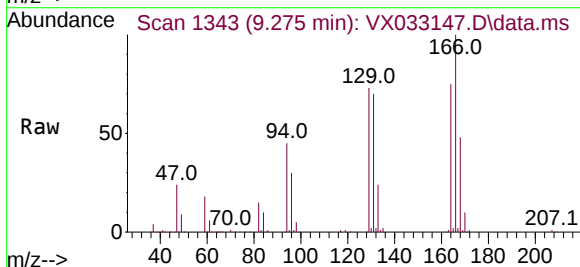
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

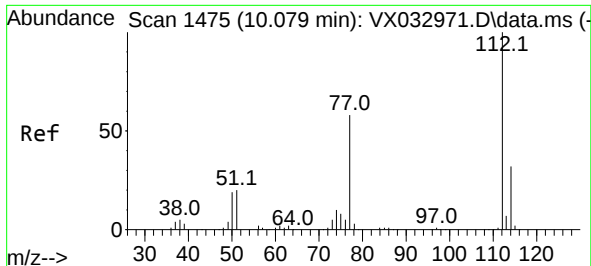
Tgt Ion:117 Resp: 203469
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 47.776 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion:164 Resp: 68808
Ion Ratio Lower Upper
164 100
166 132.7 105.4 158.2
129 97.1 78.2 117.2
131 92.3 72.5 108.7

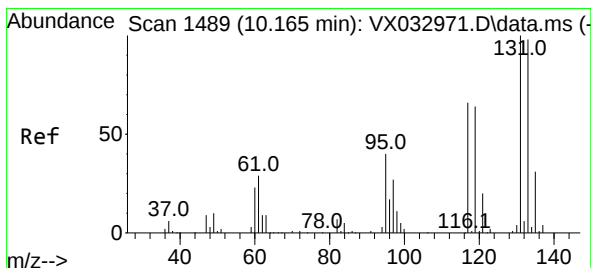
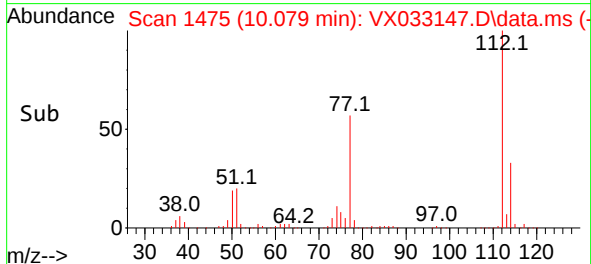
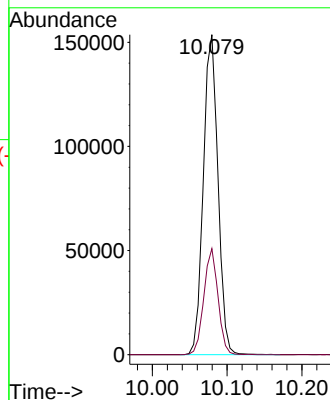
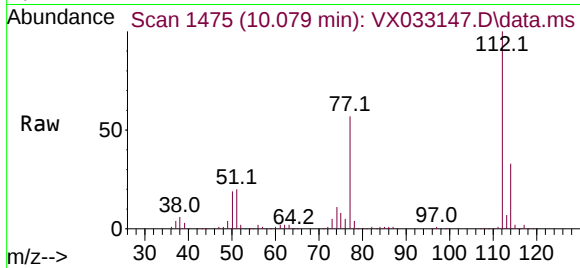




#65
Chlorobenzene
Concen: 51.507 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

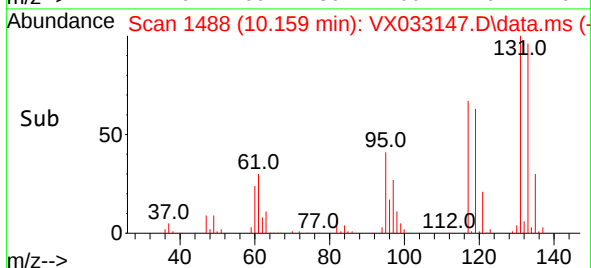
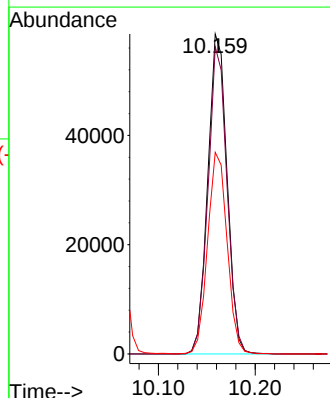
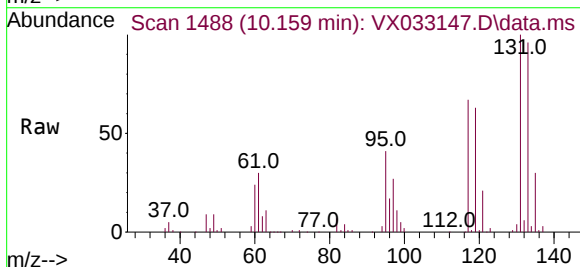
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

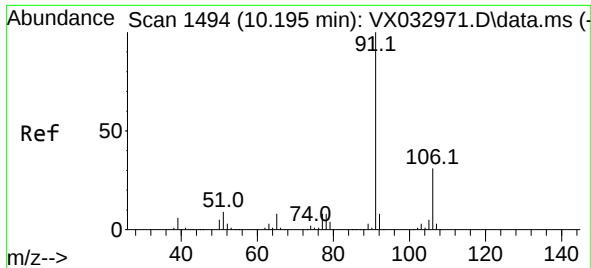
Tgt Ion:112 Resp: 208942
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.570 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion:131 Resp: 81111
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 64.0 32.4 97.0

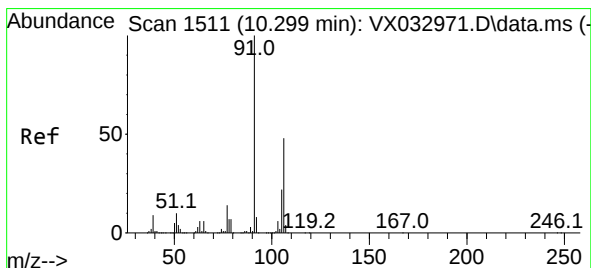
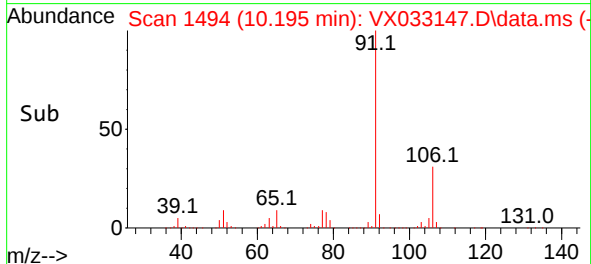
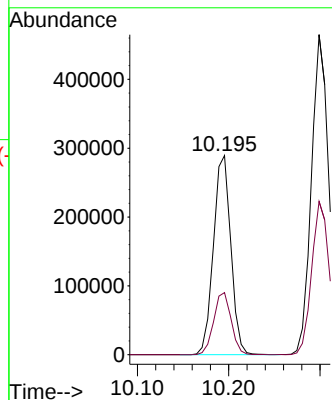
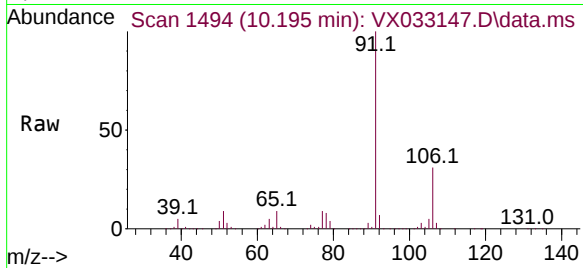




#67
Ethyl Benzene
Concen: 52.962 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

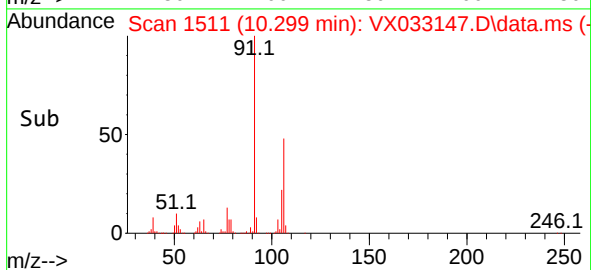
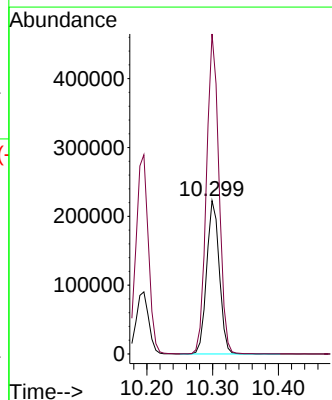
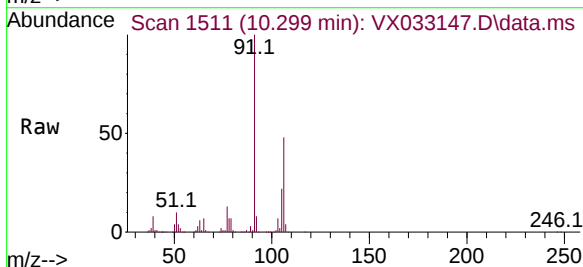
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

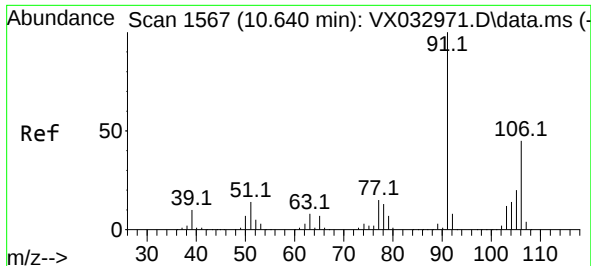
Tgt Ion: 91 Resp: 381115
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 105.721 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 106 Resp: 297906
Ion Ratio Lower Upper
106 100
91 206.2 164.5 246.7

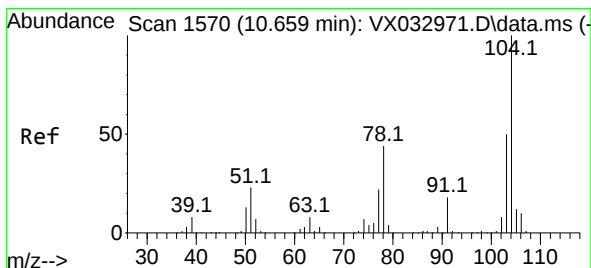
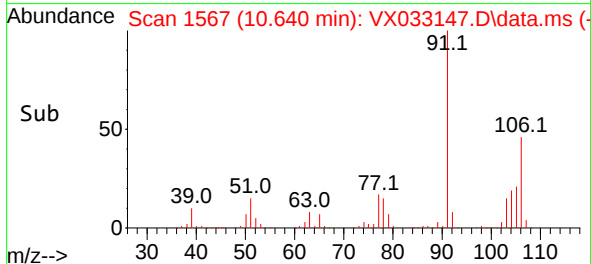
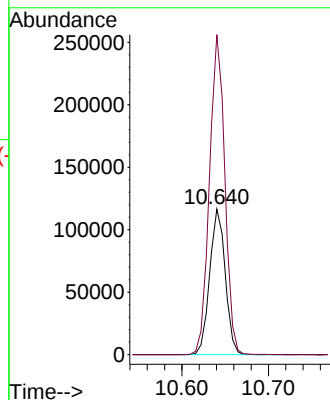
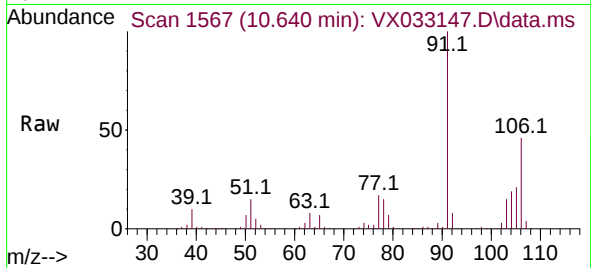




#69
o-Xylene
Concen: 53.321 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

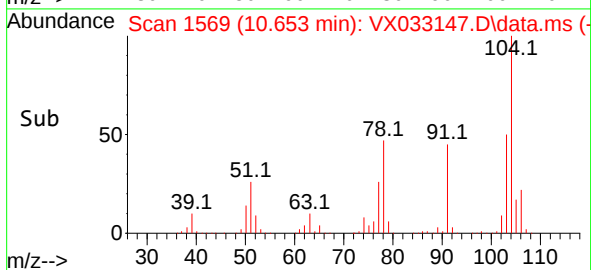
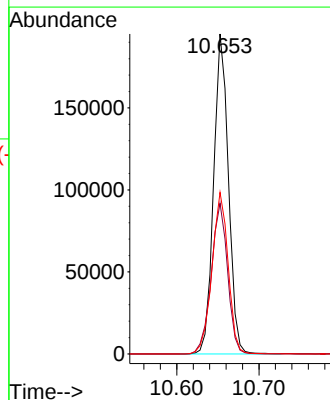
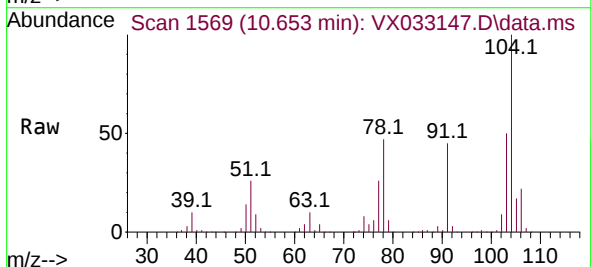
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 145380
Ion Ratio Lower Upper
106 100
91 217.3 109.2 327.6



#70
Styrene
Concen: 54.635 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion:104 Resp: 243698
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 55.4 44.5 66.7





#71

Bromoform

Concen: 55.728 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

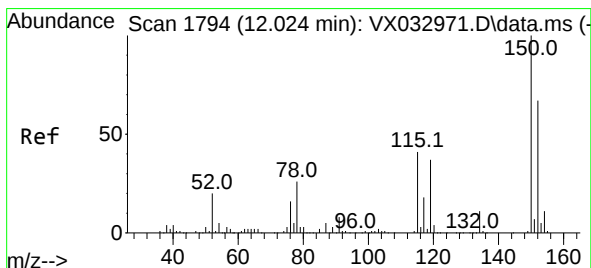
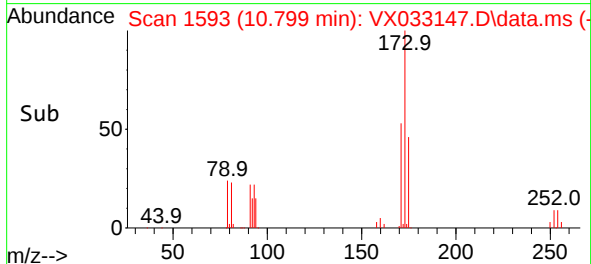
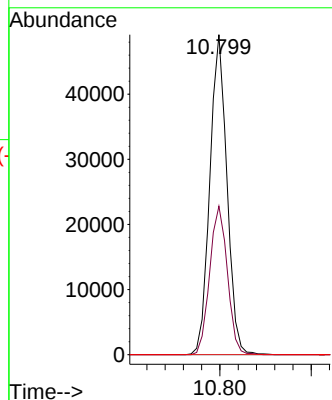
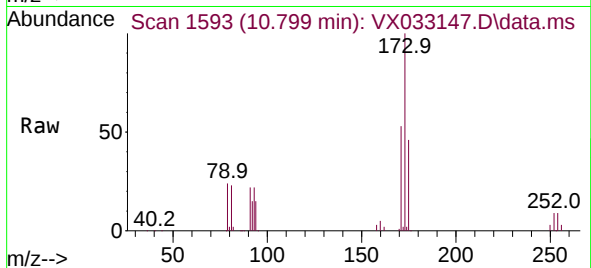
Tgt Ion:173 Resp: 63509

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

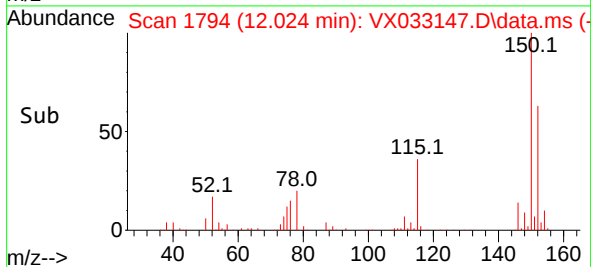
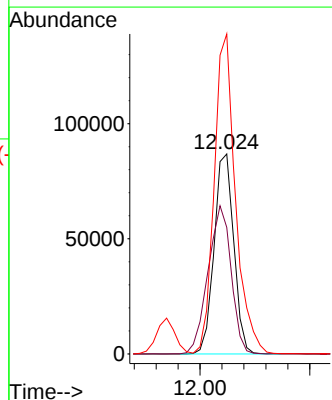
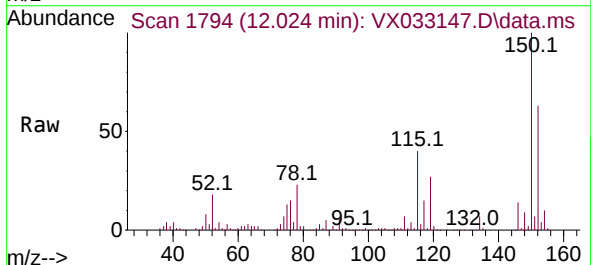
Tgt Ion:152 Resp: 108256

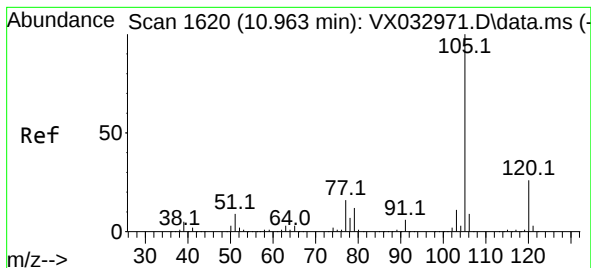
Ion Ratio Lower Upper

152 100

115 87.0 44.0 132.0

150 172.5 0.0 351.8





#73

Isopropylbenzene

Concen: 51.192 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

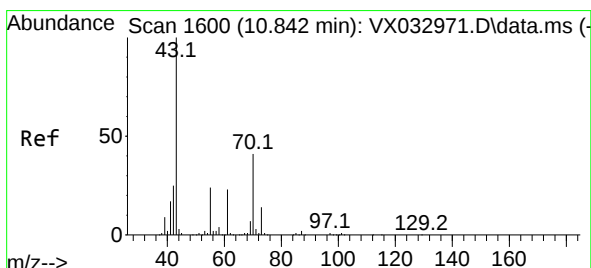
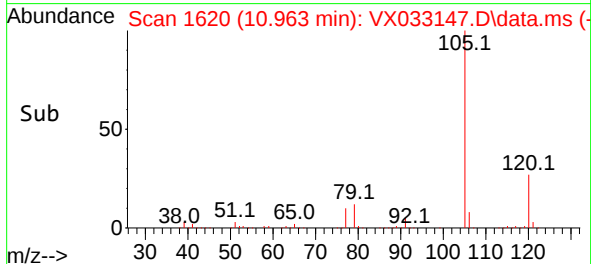
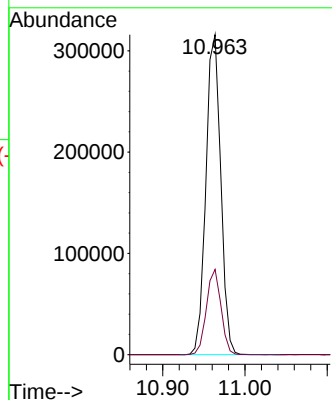
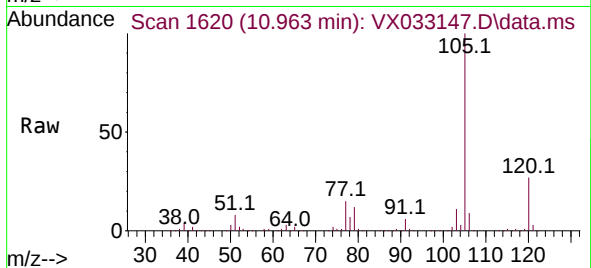
VSTDCCC050

Tgt Ion:105 Resp: 396012

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 51.655 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Tgt Ion: 43 Resp: 135934

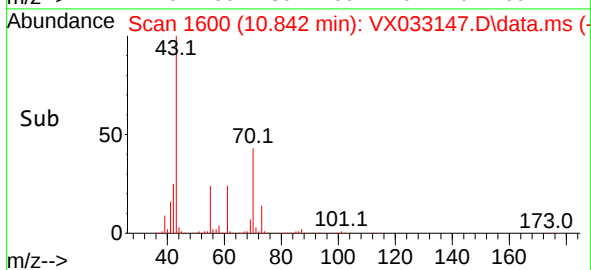
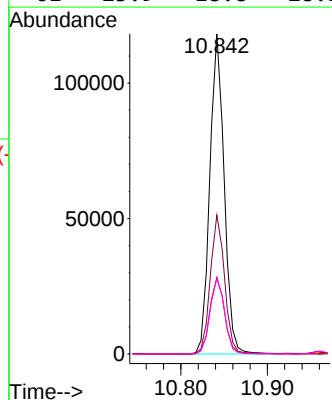
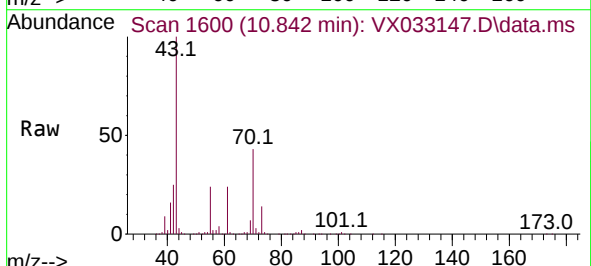
Ion Ratio Lower Upper

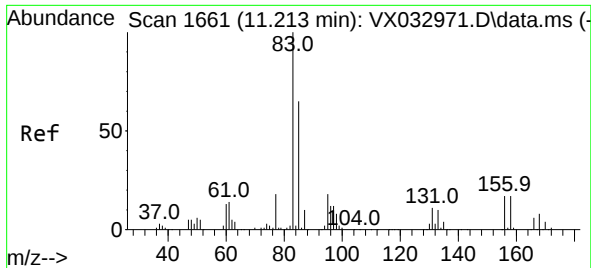
43 100

70 43.1 33.6 50.4

55 24.5 19.4 29.2

61 23.9 18.8 28.2

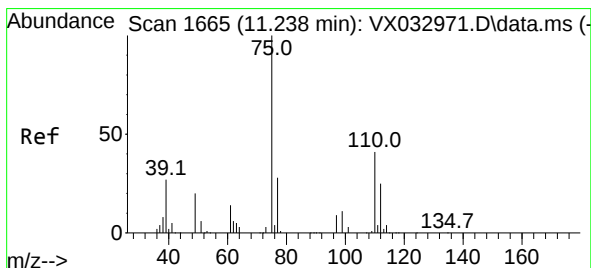
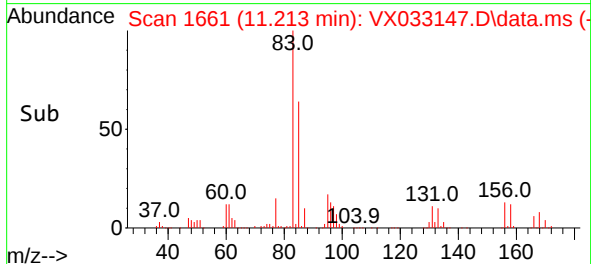
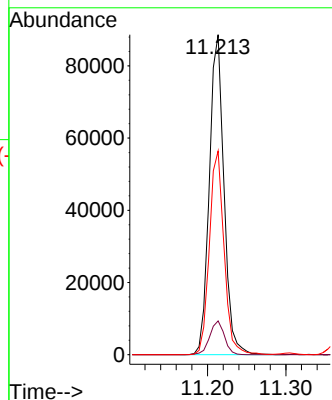
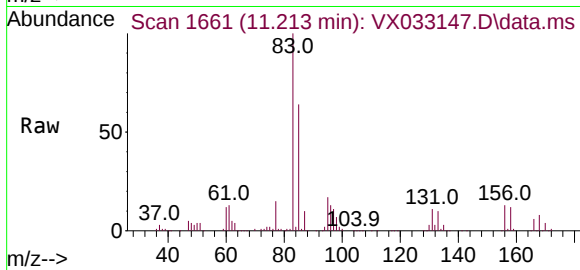




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.243 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

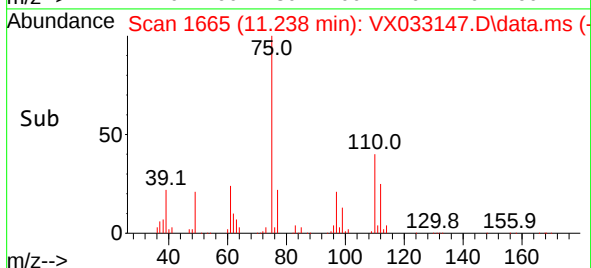
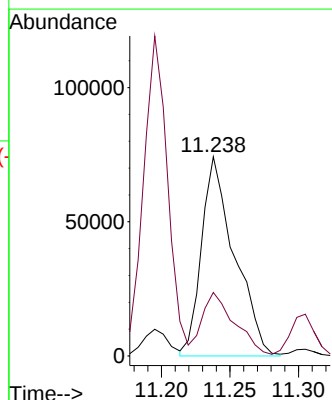
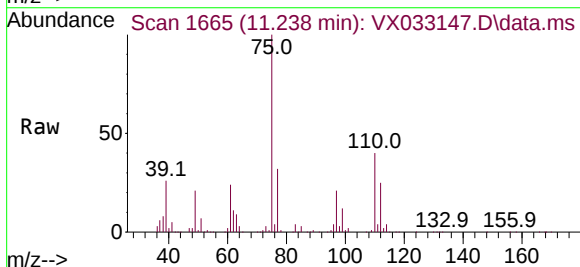
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

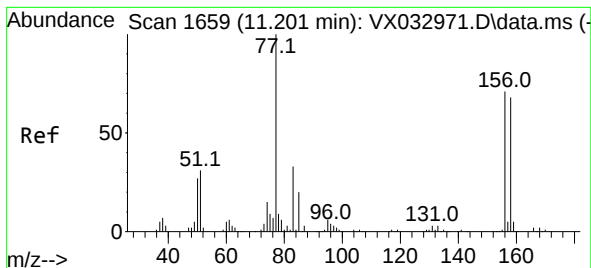
Tgt Ion: 83 Resp: 114974
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 63.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 60.614 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

Tgt Ion: 75 Resp: 124271
 Ion Ratio Lower Upper
 75 100
 77 31.8 20.0 60.0





#77

Bromobenzene

Concen: 48.730 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

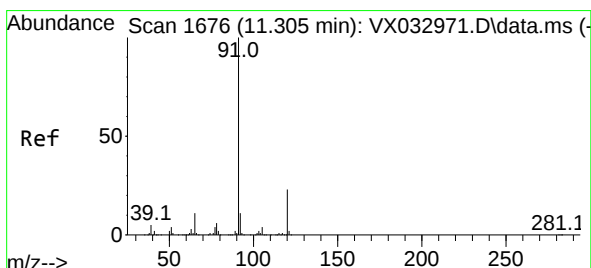
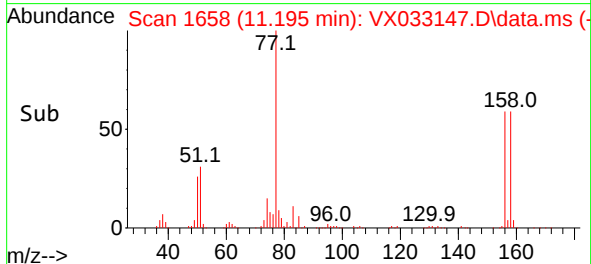
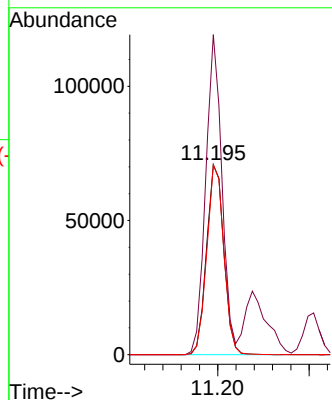
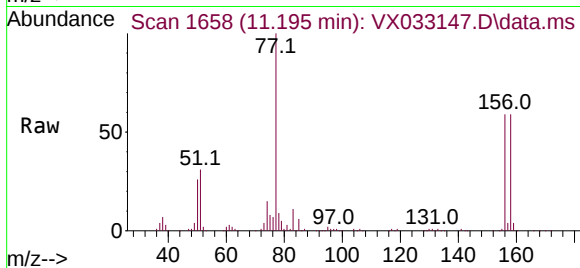
Tgt Ion:156 Resp: 92710

Ion Ratio Lower Upper

156 100

77 157.9 76.1 228.4

158 98.0 48.8 146.3



#78

n-propylbenzene

Concen: 51.991 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033147.D

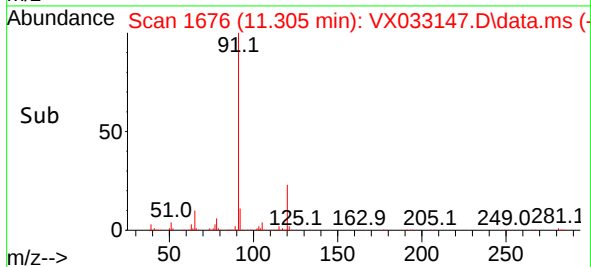
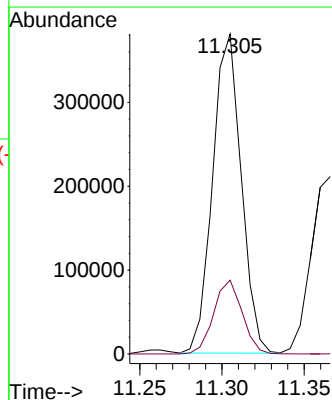
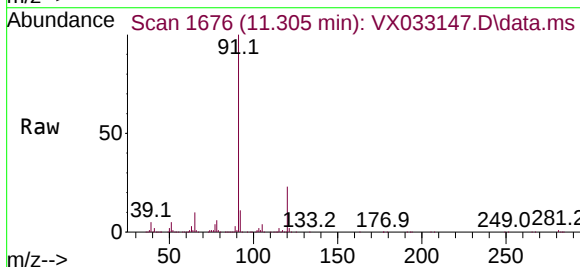
Acq: 01 Dec 2022 08:48

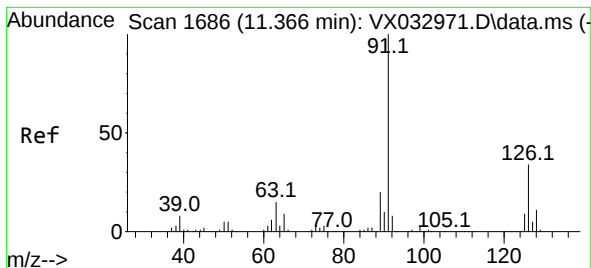
Tgt Ion: 91 Resp: 459846

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 50.494 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

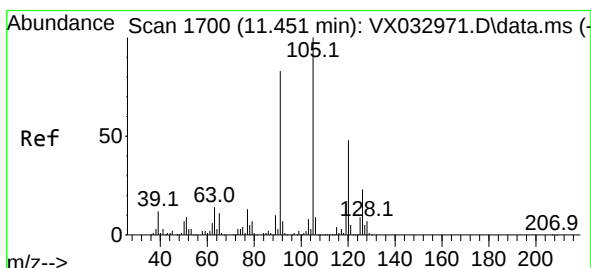
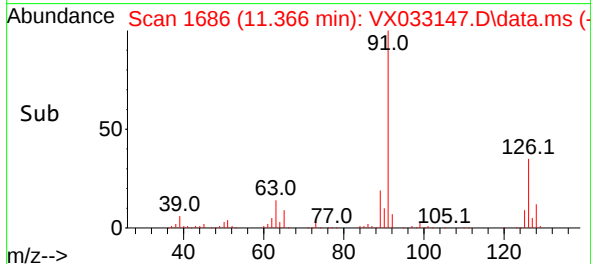
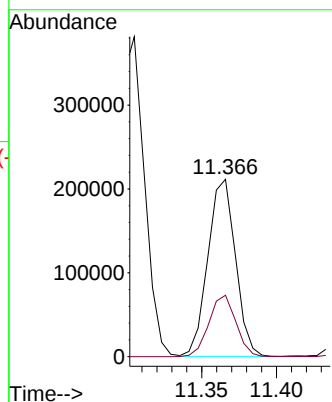
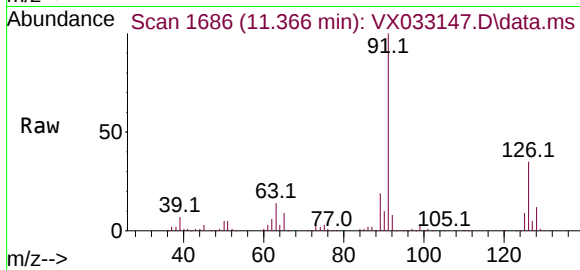
VSTDCCC050

Tgt Ion: 91 Resp: 271249

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 52.034 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033147.D

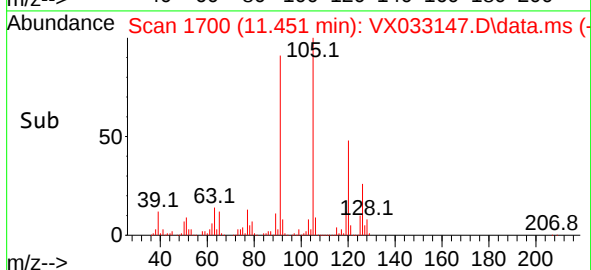
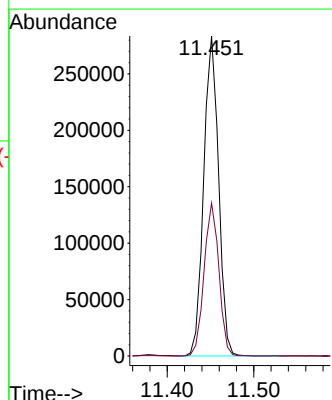
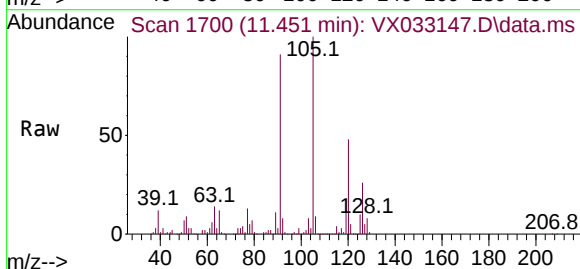
Acq: 01 Dec 2022 08:48

Tgt Ion: 105 Resp: 338149

Ion Ratio Lower Upper

105 100

120 47.6 23.6 71.0

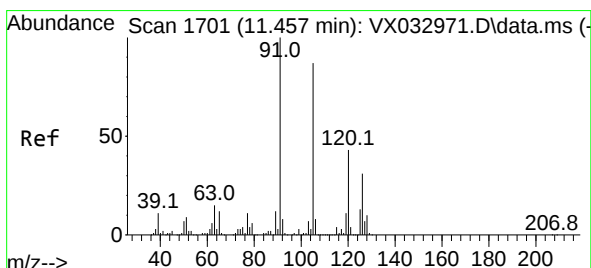
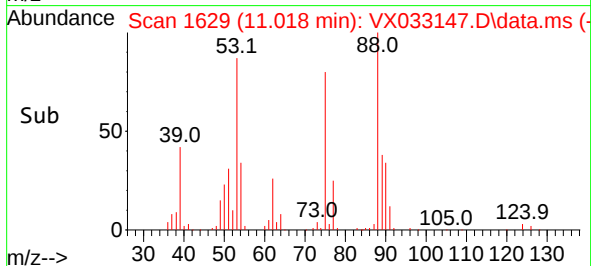
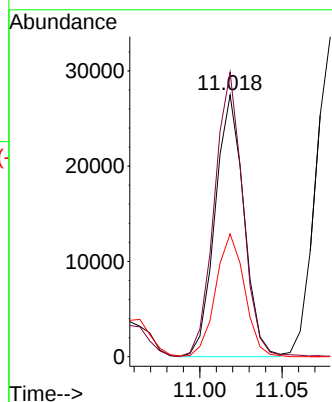
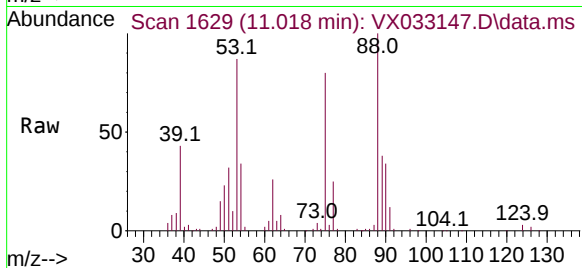




#81
trans-1,4-Dichloro-2-butene
Concen: 52.977 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

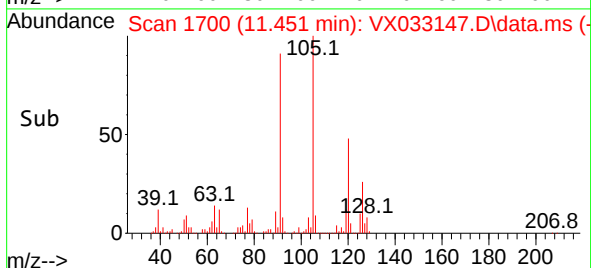
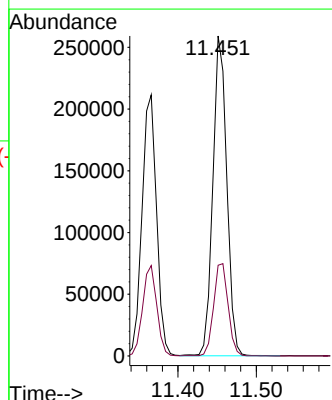
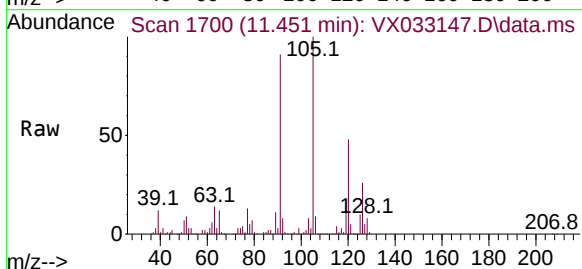
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

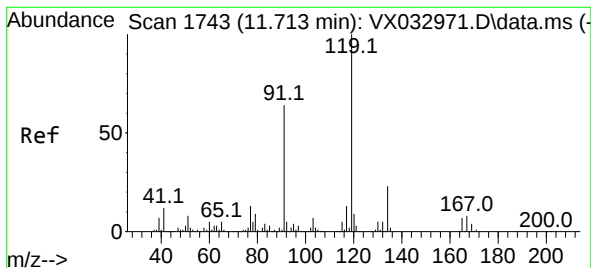
Tgt Ion: 75 Resp: 33415
Ion Ratio Lower Upper
75 100
53 107.1 86.9 130.3
89 47.0 38.3 57.5



#82
4-Chlorotoluene
Concen: 50.767 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 91 Resp: 319584
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 51.341 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

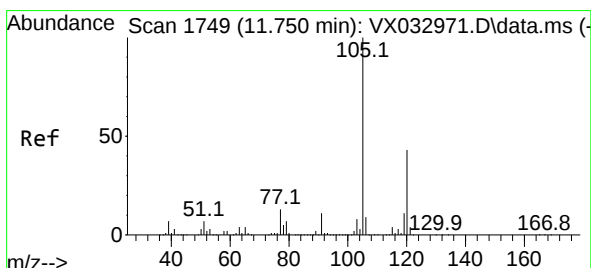
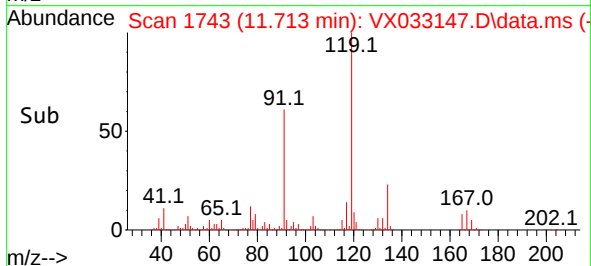
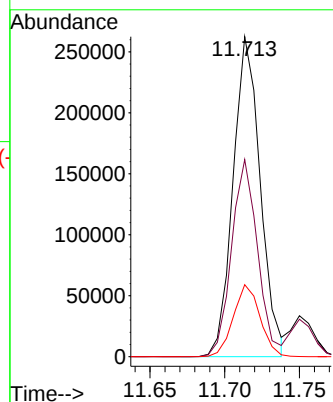
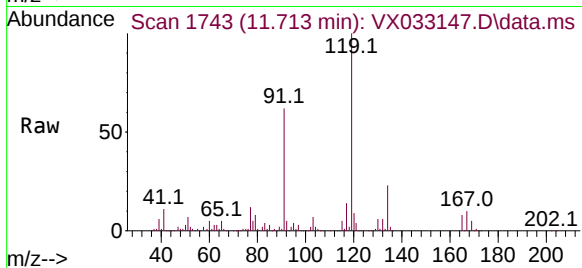
Tgt Ion:119 Resp: 332116

Ion Ratio Lower Upper

119 100

91 59.0 29.4 88.2

134 22.2 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 51.663 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033147.D

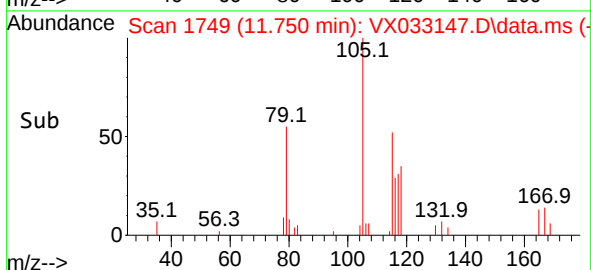
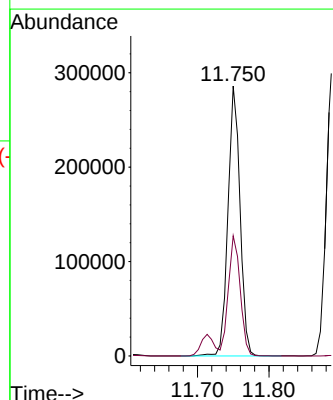
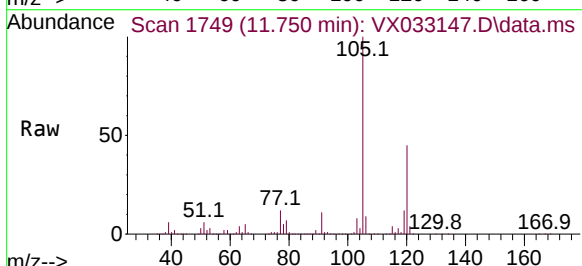
Acq: 01 Dec 2022 08:48

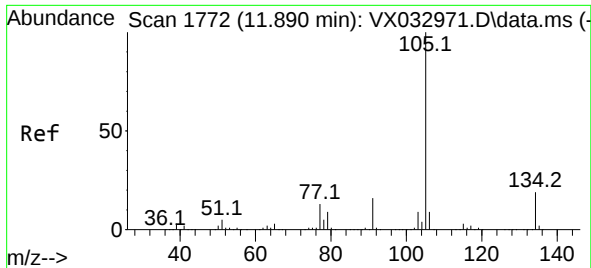
Tgt Ion:105 Resp: 334770

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.5

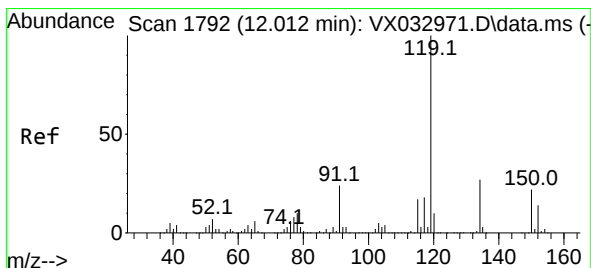
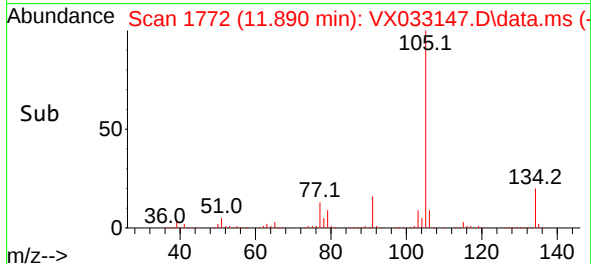
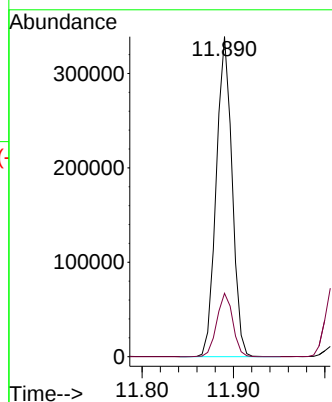
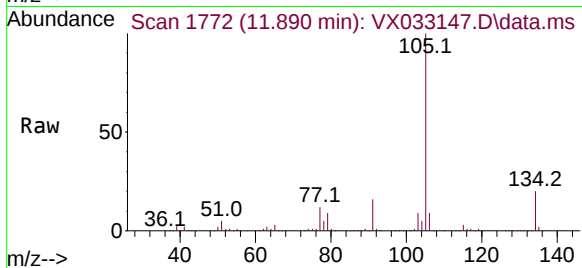




#85
 sec-Butylbenzene
 Concen: 52.617 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

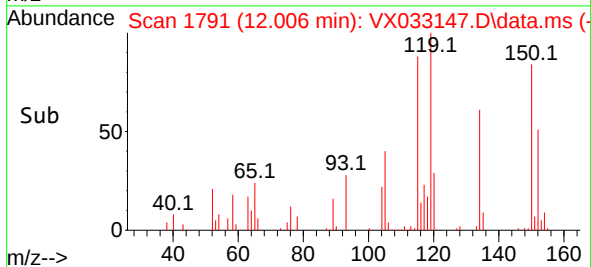
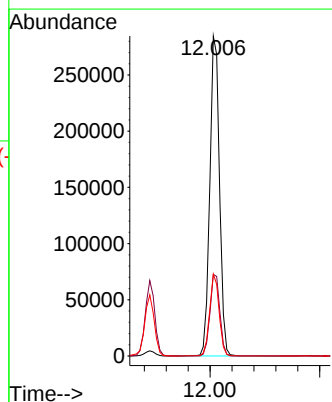
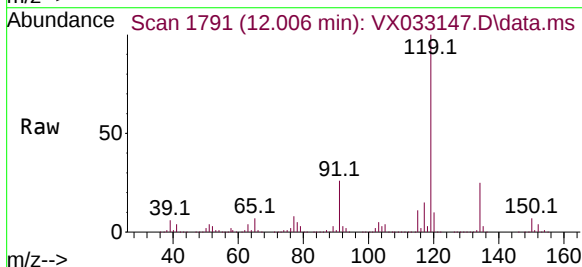
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 407208
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 52.889 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033147.D
 Acq: 01 Dec 2022 08:48

Tgt Ion:119 Resp: 346791
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 50.768 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

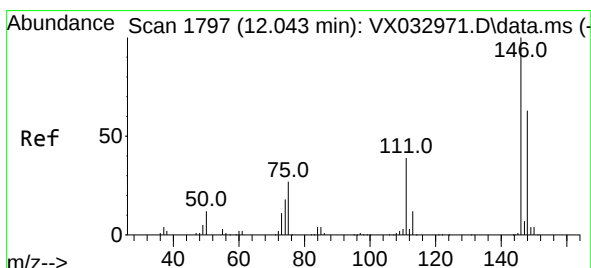
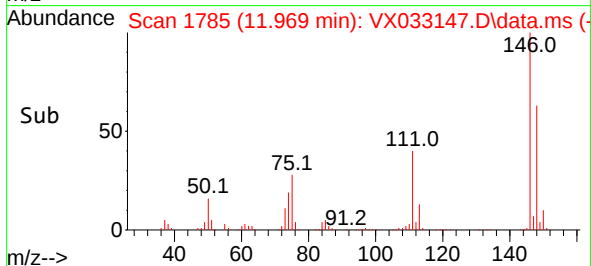
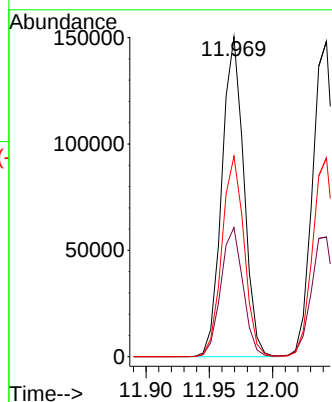
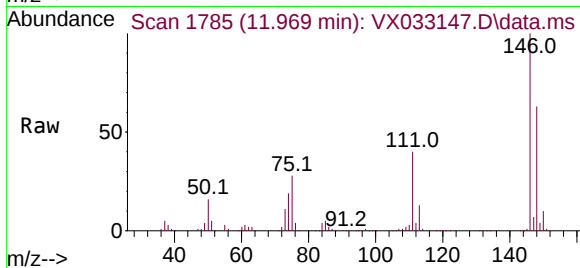
Tgt Ion:146 Resp: 181164

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.262 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

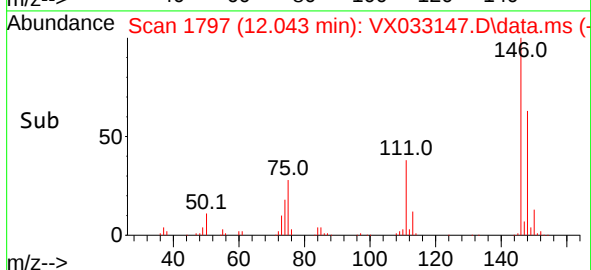
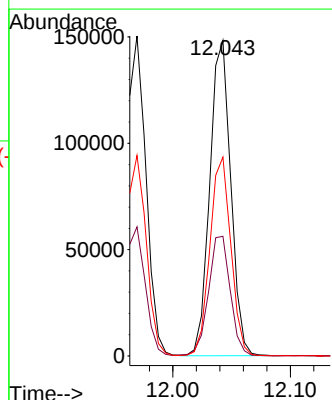
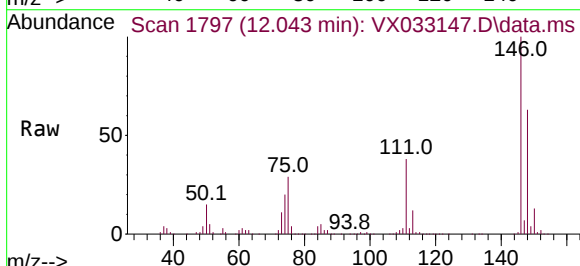
Tgt Ion:146 Resp: 183686

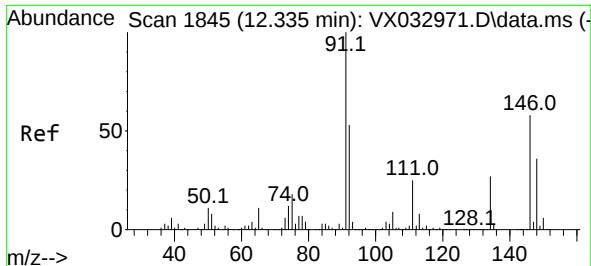
Ion Ratio Lower Upper

146 100

111 39.5 20.5 61.6

148 63.2 32.2 96.6





#89

n-Butylbenzene

Concen: 53.424 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

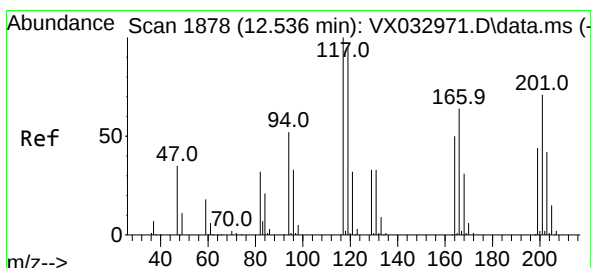
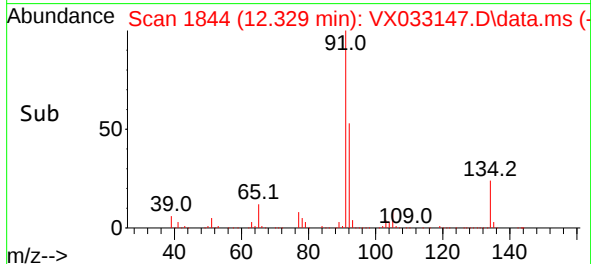
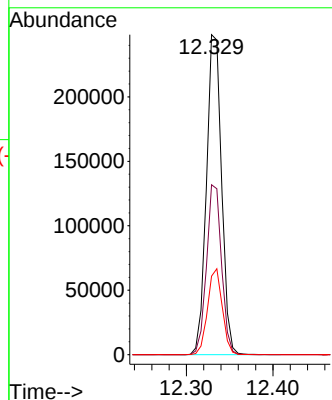
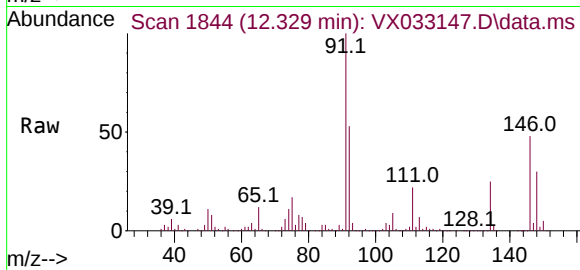
Tgt Ion: 91 Resp: 301780

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 26.0 12.9 38.6



#90

Hexachloroethane

Concen: 52.714 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033147.D

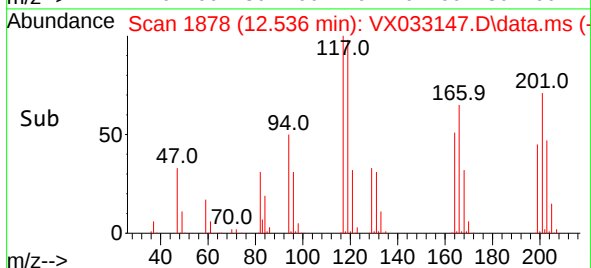
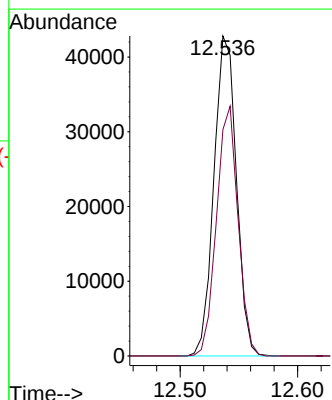
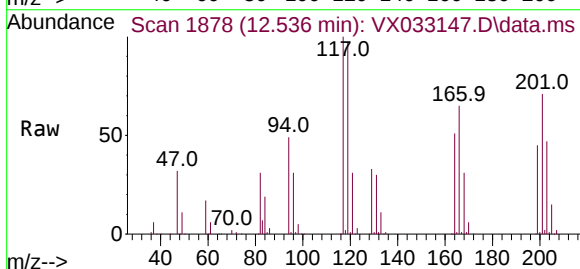
Acq: 01 Dec 2022 08:48

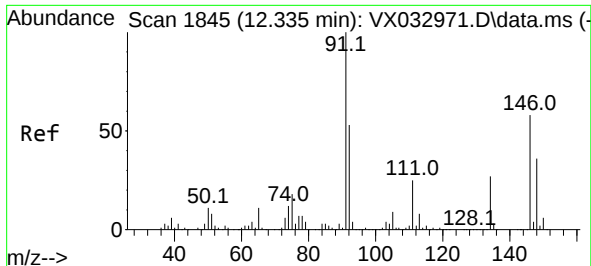
Tgt Ion: 117 Resp: 56786

Ion Ratio Lower Upper

117 100

201 75.0 37.6 112.9

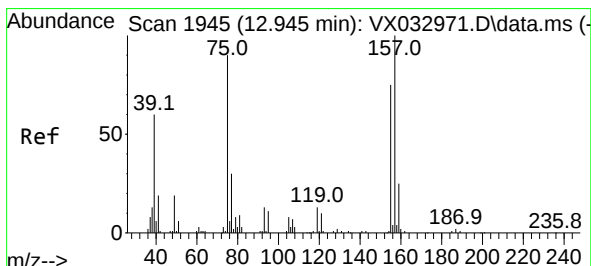
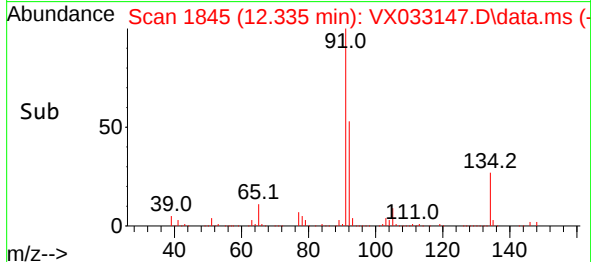
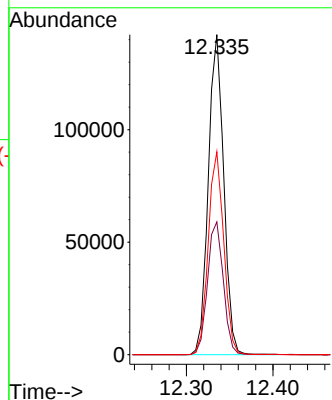
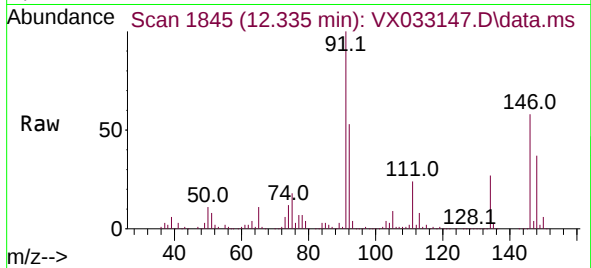




#91
1,2-Dichlorobenzene
Concen: 50.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

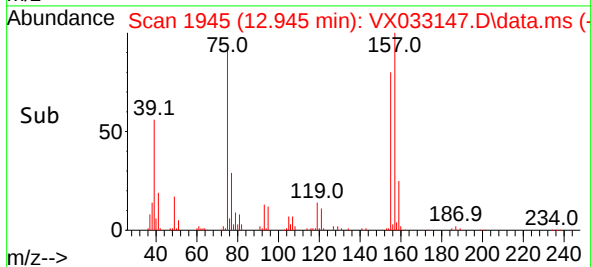
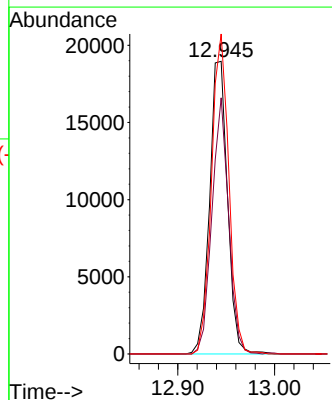
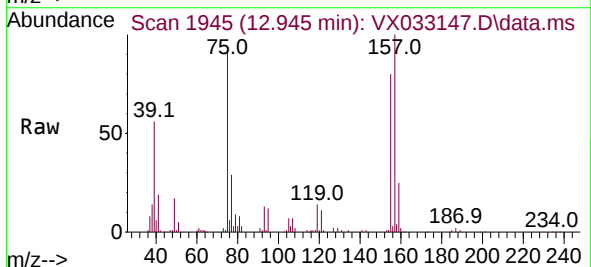
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

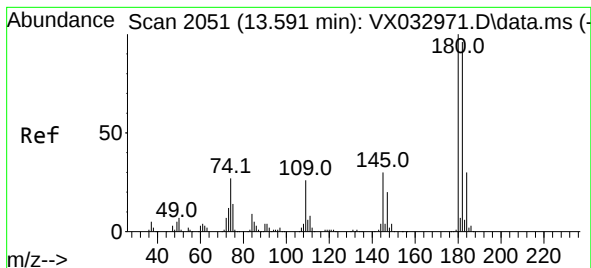
Tgt Ion:146 Resp: 175696
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.552 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033147.D
Acq: 01 Dec 2022 08:48

Tgt Ion: 75 Resp: 24481
Ion Ratio Lower Upper
75 100
155 81.0 41.6 124.8
157 105.6 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 52.461 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

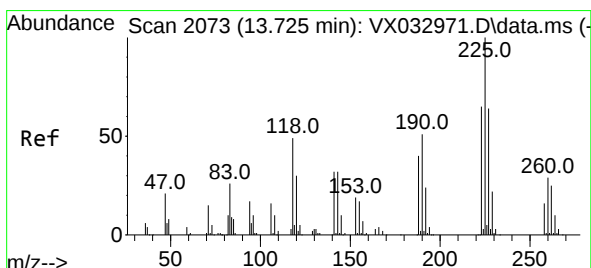
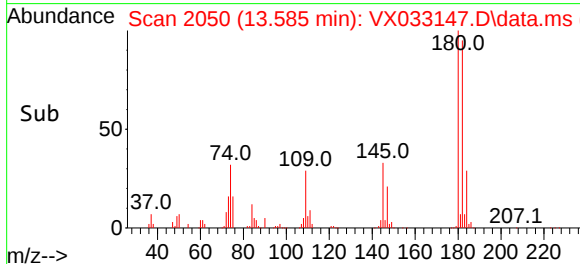
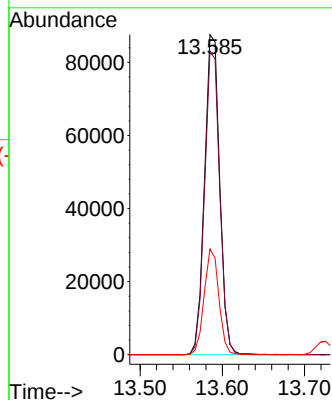
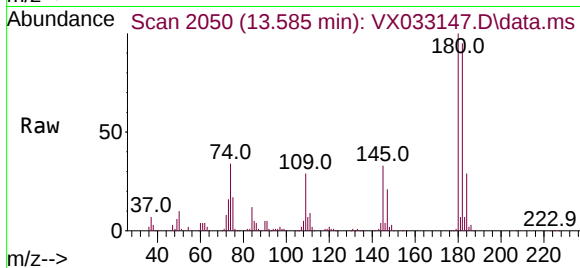
Tgt Ion:180 Resp: 112255

Ion Ratio Lower Upper

180 100

182 94.9 48.4 145.0

145 32.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.192 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

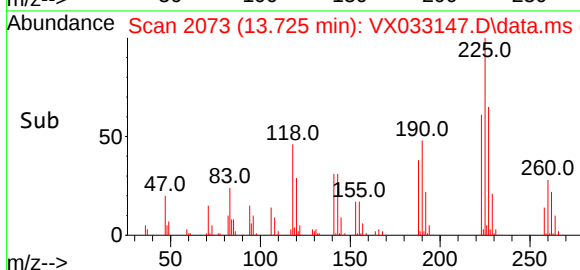
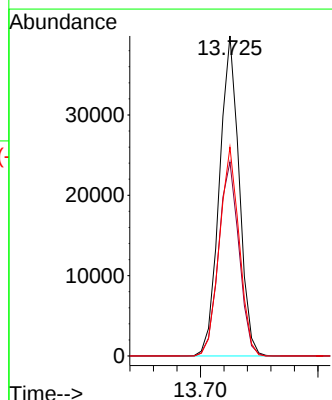
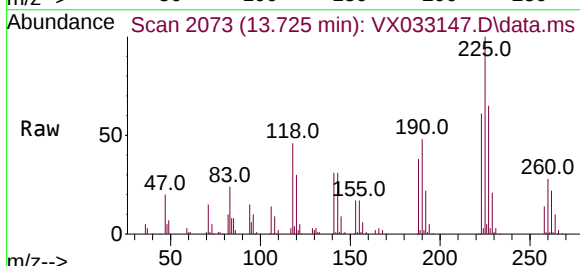
Tgt Ion:225 Resp: 46438

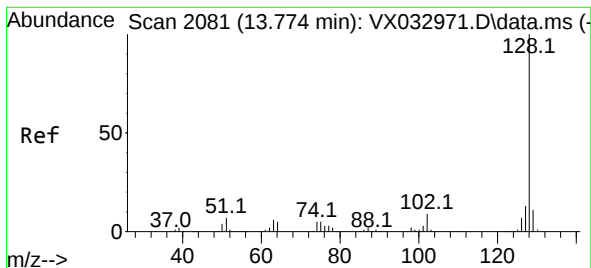
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 65.4 31.9 95.5





#95

Naphthalene

Concen: 51.470 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

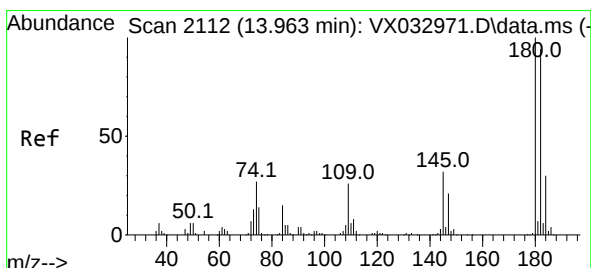
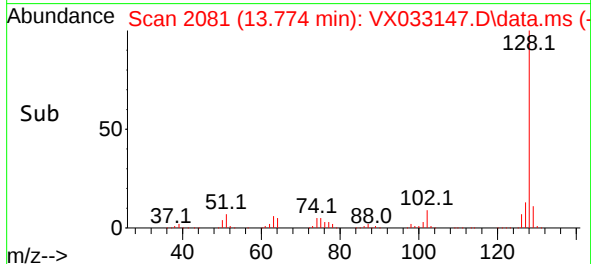
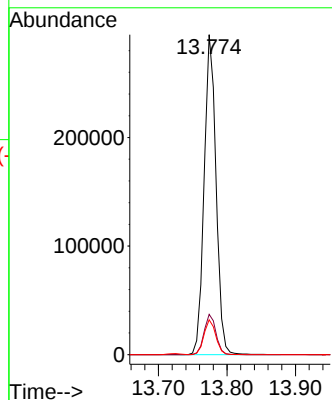
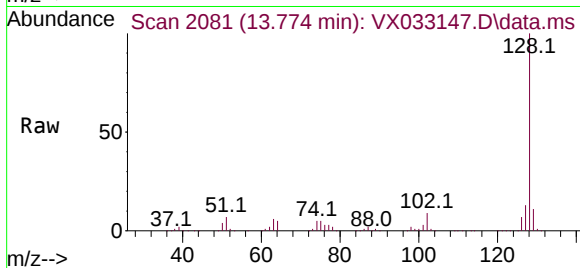
Tgt Ion:128 Resp: 356293

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.420 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033147.D

Acq: 01 Dec 2022 08:48

Tgt Ion:180 Resp: 110338

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.6

145 34.0 16.9 50.6

