

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033498.D
 Acq On : 20 Dec 2022 11:03
 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 21 04:12:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38775	48.912	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.385	113	44655	52.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	8.647	98	96049	53.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.520%
62) 4-Bromofluorobenzene	11.079	95	81396	59.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	42880	49.675	ug/l	99
3) Chloromethane	1.295	50	43295	43.379	ug/l	96
4) Vinyl Chloride	1.374	62	50120	43.981	ug/l	100
5) Bromomethane	1.618	94	35874	42.896	ug/l	98
6) Chloroethane	1.691	64	42478	49.142	ug/l	97
7) Trichlorofluoromethane	1.886	101	81818	38.242	ug/l	99
8) Diethyl Ether	2.130	74	28076	36.332	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	63160	55.652	ug/l	97
10) Methyl Iodide	2.453	142	68065	54.759	ug/l	99
11) Tert butyl alcohol	2.995	59	52207	215.402	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	55735	49.751	ug/l	99
13) Acrolein	2.233	56	80487	306.194	ug/l	99
14) Allyl chloride	2.666	41	87531	48.927	ug/l	96
15) Acrylonitrile	3.063	53	146360	243.779	ug/l	97
16) Acetone	2.386	43	147753	251.874	ug/l	97
17) Carbon Disulfide	2.514	76	123274	42.874	ug/l	100
18) Methyl Acetate	2.703	43	84488	49.752	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	201387	51.897	ug/l	100
20) Methylene Chloride	2.788	84	63120	48.248	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	62782	51.231	ug/l	98
22) Diisopropyl ether	3.758	45	201932	52.683	ug/l	96
23) Vinyl Acetate	3.721	43	767930	258.123	ug/l	98
24) 1,1-Dichloroethane	3.611	63	113991	50.615	ug/l	99
25) 2-Butanone	4.556	43	207806	246.790	ug/l	100
26) 2,2-Dichloropropane	4.477	77	91988	55.542	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	76520	52.248	ug/l	98
28) Bromochloromethane	4.891	49	47172	50.036	ug/l	95
29) Tetrahydrofuran	5.001	42	131340	240.744	ug/l	98
30) Chloroform	5.093	83	132386	52.949	ug/l	99
31) Cyclohexane	5.465	56	97621	51.815	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	117548	54.643	ug/l	99
36) 1,1-Dichloropropene	5.690	75	91495	54.952	ug/l	99
37) Ethyl Acetate	4.709	43	78508	49.881	ug/l	99
38) Carbon Tetrachloride	5.678	117	103143	55.290	ug/l	97
39) Methylcyclohexane	7.379	83	106101	56.932	ug/l	97
40) Benzene	6.038	78	264558	54.496	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46181	53.247	ug/l	97
42) 1,2-Dichloroethane	6.086	62	102989	53.424	ug/l	98
43) Isopropyl Acetate	6.336	43	132222	52.212	ug/l	97
44) Trichloroethene	7.123	130	75649	56.519	ug/l	100
45) 1,2-Dichloropropane	7.428	63	66705	53.728	ug/l	99
46) Dibromomethane	7.580	93	50934	53.854	ug/l	97
47) Bromodichloromethane	7.818	83	102259	55.466	ug/l	99
48) Methyl methacrylate	7.690	41	69069	52.846	ug/l	92
49) 1,4-Dioxane	7.702	88	27777	932.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	429582	268.242	ug/l	96
52) Toluene	8.714	92	179965	57.336	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104141	52.453	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	111417	56.792	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	74255	56.279	ug/l	97
56) Ethyl methacrylate	9.116	69	106201	57.169	ug/l	91
57) 1,3-Dichloropropane	9.305	76	120183	56.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	233617	274.843	ug/l	98
59) 2-Hexanone	9.427	43	317403	268.946	ug/l	95
60) Dibromochloromethane	9.519	129	82753	56.926	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79674	56.771	ug/l	99
64) Tetrachloroethene	9.275	164	67960	55.657	ug/l	96
65) Chlorobenzene	10.080	112	200244	55.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	77884	56.994	ug/l	98
67) Ethyl Benzene	10.195	91	356034	56.516	ug/l	99
68) m/p-Xylenes	10.299	106	287017	117.100	ug/l	96
69) o-Xylene	10.640	106	138895	57.331	ug/l	97
70) Styrene	10.653	104	237895	59.956	ug/l	97
71) Bromoform	10.799	173	60923	56.323	ug/l #	100
73) Isopropylbenzene	10.964	105	375978	55.278	ug/l	99
74) N-amyl acetate	10.842	43	120099	51.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	111520	51.683	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	116361	60.948	ug/l	89
77) Bromobenzene	11.195	156	92286	53.732	ug/l	97
78) n-propylbenzene	11.305	91	425921	56.082	ug/l	98
79) 2-Chlorotoluene	11.366	91	255443	54.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	316366	55.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30934	50.401	ug/l	95
82) 4-Chlorotoluene	11.451	91	297226	54.461	ug/l	98
83) tert-Butylbenzene	11.713	119	310439	54.986	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	312734	55.336	ug/l	98
85) sec-Butylbenzene	11.890	105	378701	57.491	ug/l	99
86) p-Isopropyltoluene	12.006	119	324582	57.154	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	171778	55.212	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175031	55.077	ug/l	99
89) n-Butylbenzene	12.329	91	273093	58.712	ug/l	99
90) Hexachloroethane	12.536	117	51981	53.848	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	170183	54.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22235	47.706	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	104874	55.826	ug/l	98
94) Hexachlorobutadiene	13.725	225	43595	57.952	ug/l	99
95) Naphthalene	13.774	128	341730	54.534	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104495	54.922	ug/l	99

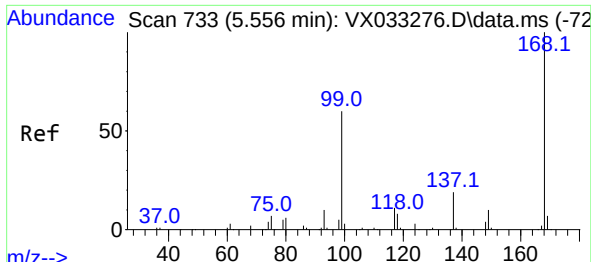
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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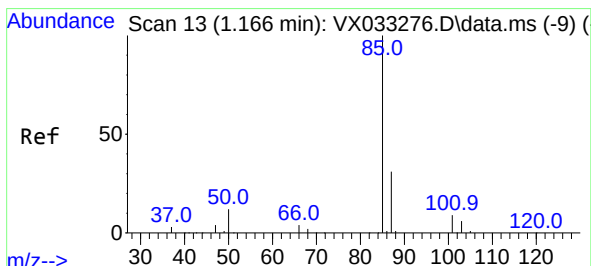
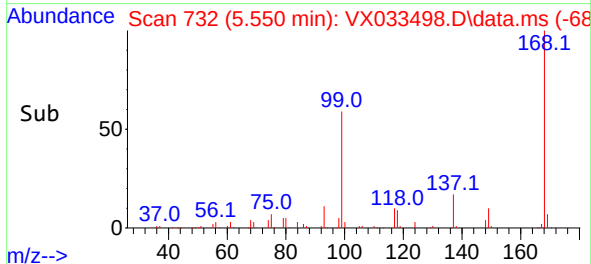
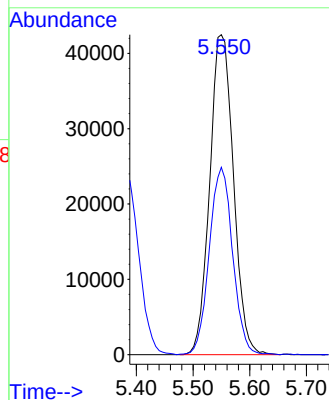
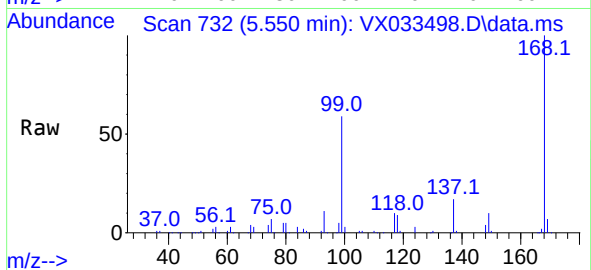
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

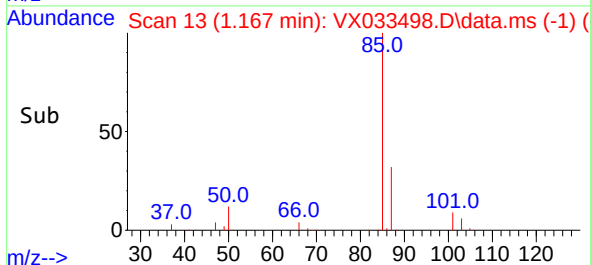
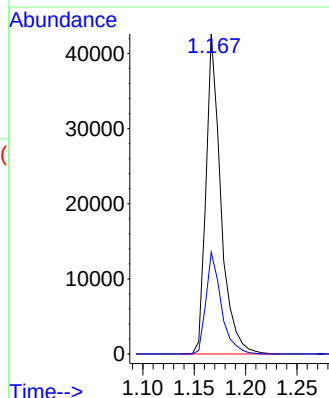
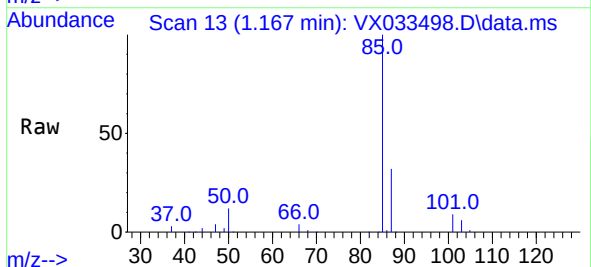
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 123571
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1

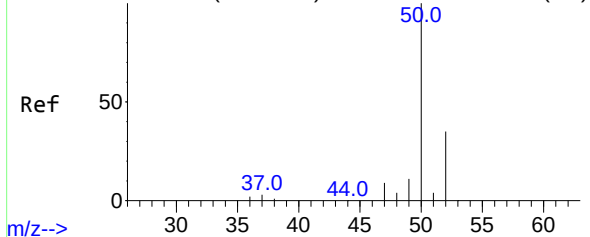


#2
Dichlorodifluoromethane
Concen: 49.675 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 85 Resp: 42880
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.7



Abundance Scan 34 (1.294 min): VX033276.D\data.ms (-29)



#3

Chloromethane

Concen: 43.379 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

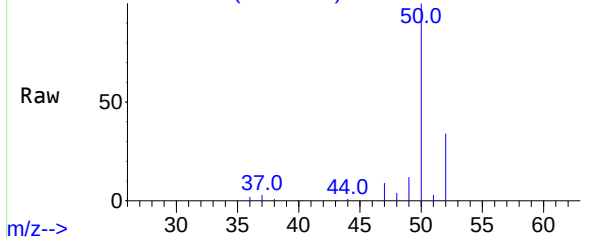
Tgt Ion: 50 Resp: 43295

Ion Ratio Lower Upper

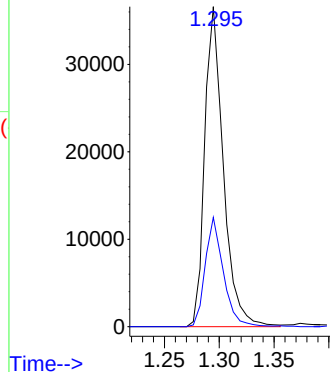
50 100

52 34.2 25.4 38.2

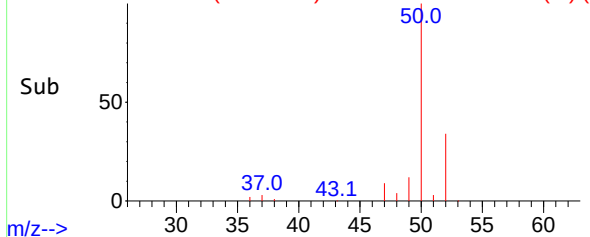
Abundance Scan 34 (1.295 min): VX033498.D\data.ms



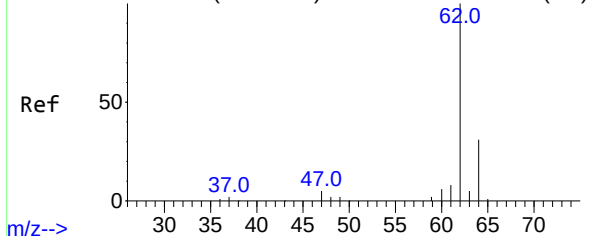
Abundance



Abundance Scan 34 (1.295 min): VX033498.D\data.ms (-1)



Abundance Scan 47 (1.373 min): VX033276.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 43.981 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

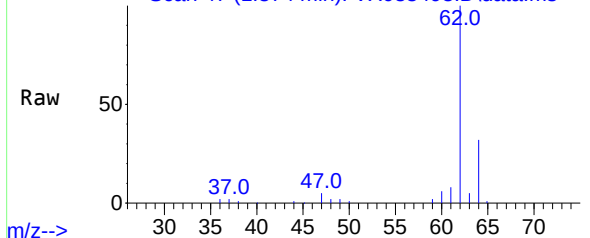
Tgt Ion: 62 Resp: 50120

Ion Ratio Lower Upper

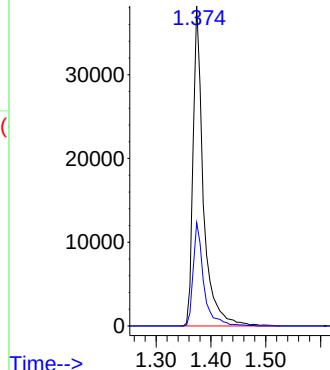
62 100

64 32.3 25.8 38.6

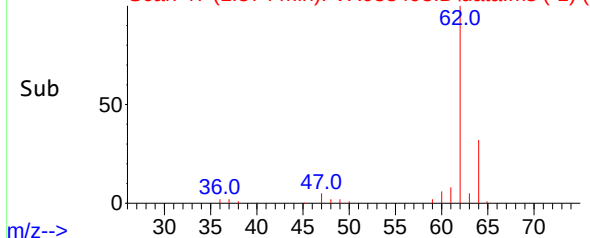
Abundance Scan 47 (1.374 min): VX033498.D\data.ms



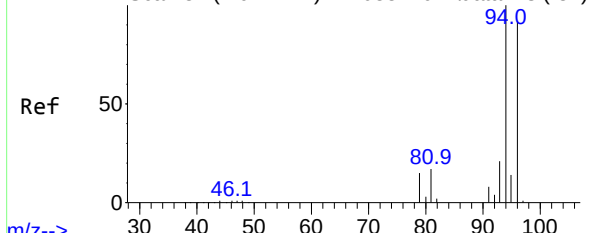
Abundance



Abundance Scan 47 (1.374 min): VX033498.D\data.ms (-1)

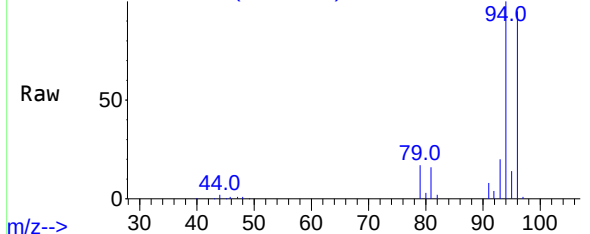


Abundance Scan 87 (1.617 min): VX033276.D\data.ms (-81)



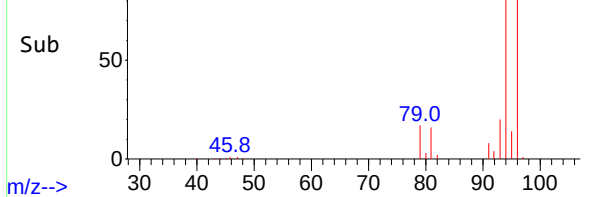
m/z-->

Abundance Scan 87 (1.618 min): VX033498.D\data.ms



m/z-->

Abundance Scan 87 (1.618 min): VX033498.D\data.ms (-38)



m/z-->

#5

Bromomethane

Concen: 42.896 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

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VSTDCCC050

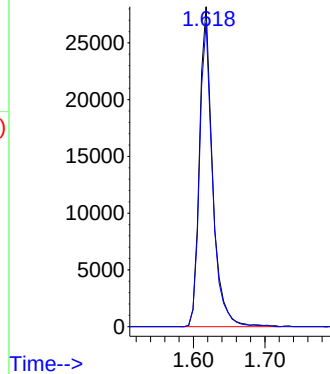
Tgt Ion: 94 Resp: 35874

Ion Ratio Lower Upper

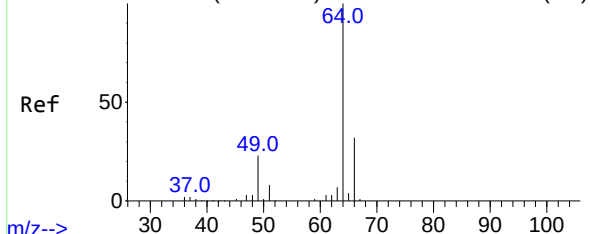
94 100

96 95.0 77.6 116.4

Abundance

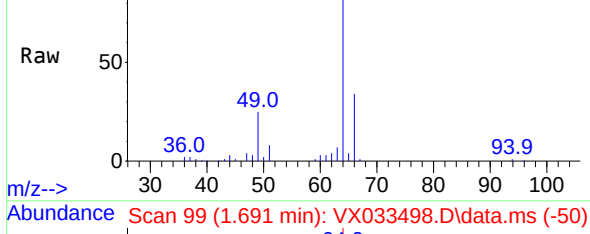


Abundance Scan 99 (1.690 min): VX033276.D\data.ms (-91)



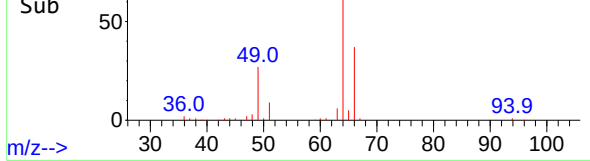
m/z-->

Abundance Scan 99 (1.691 min): VX033498.D\data.ms



m/z-->

Abundance Scan 99 (1.691 min): VX033498.D\data.ms (-50)



m/z-->

#6

Chloroethane

Concen: 49.142 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

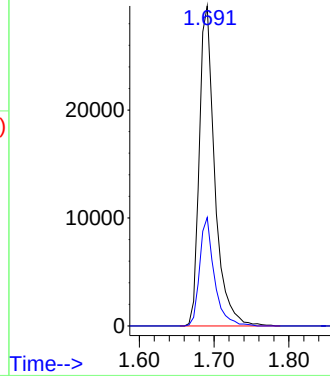
Tgt Ion: 64 Resp: 42478

Ion Ratio Lower Upper

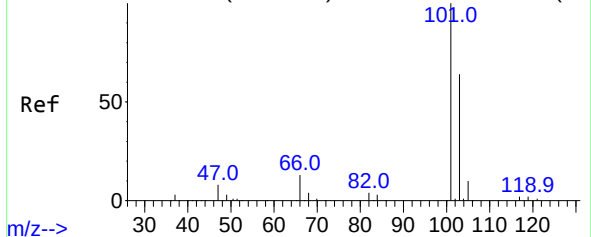
64 100

66 33.9 26.0 39.0

Abundance



Abundance Scan 131 (1.885 min): VX033276.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 38.242 ug/l

RT: 1.886 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

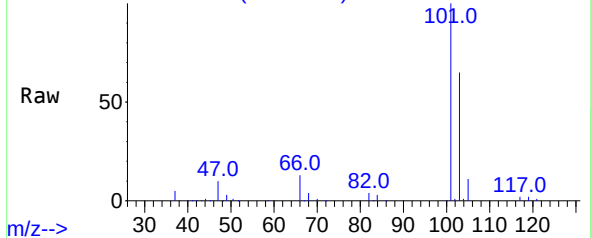
Tgt Ion:101 Resp: 81818

Ion Ratio Lower Upper

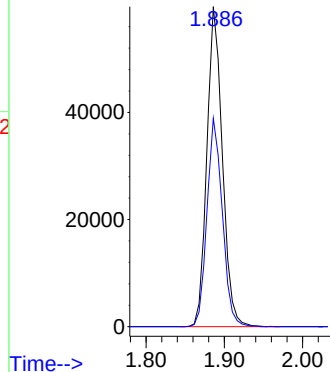
101 100

103 65.1 51.4 77.2

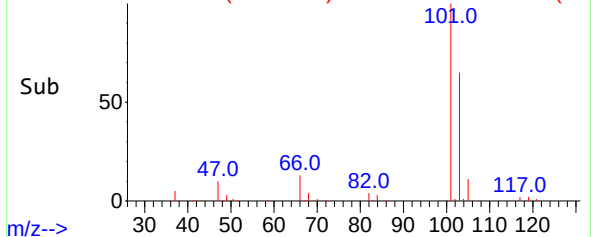
Abundance Scan 131 (1.886 min): VX033498.D\data.ms



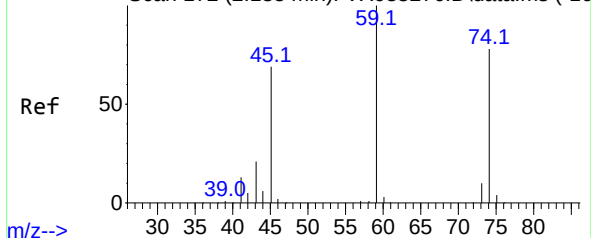
Abundance



Abundance Scan 131 (1.886 min): VX033498.D\data.ms (-82



Abundance Scan 172 (2.135 min): VX033276.D\data.ms (-16



#8

Diethyl Ether

Concen: 36.332 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

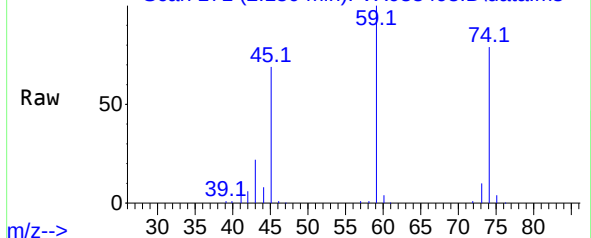
Tgt Ion: 74 Resp: 28076

Ion Ratio Lower Upper

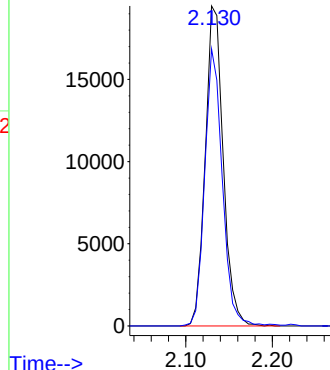
74 100

45 85.0 46.6 139.7

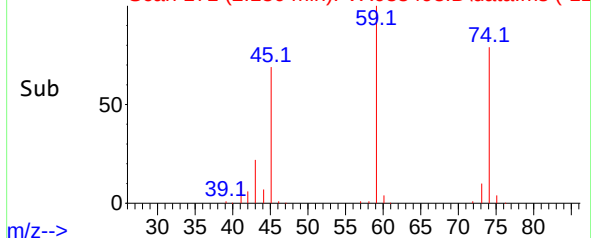
Abundance Scan 171 (2.130 min): VX033498.D\data.ms

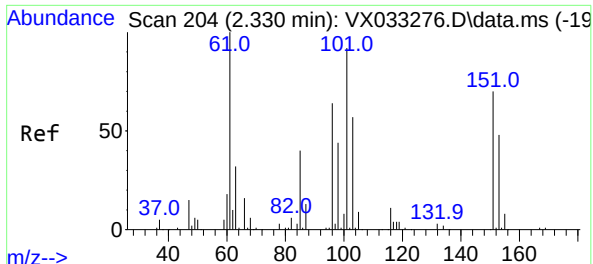


Abundance



Abundance Scan 171 (2.130 min): VX033498.D\data.ms (-12

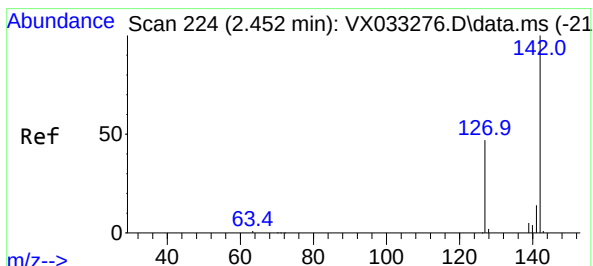
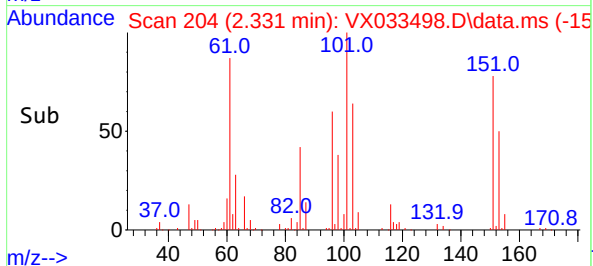
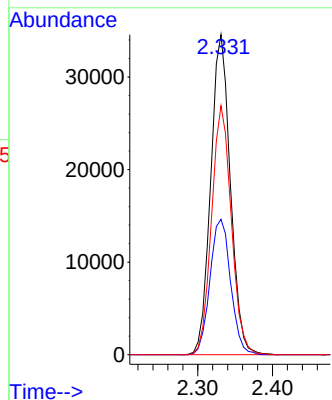
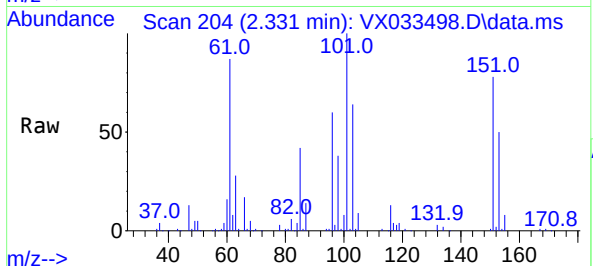




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.652 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

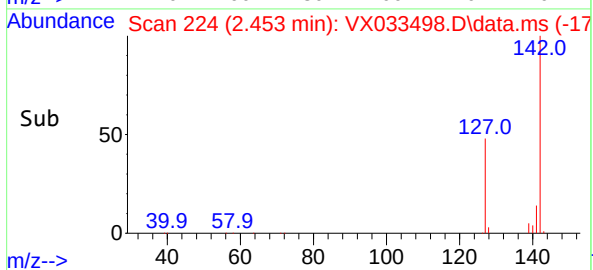
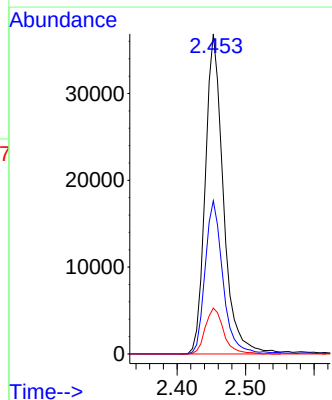
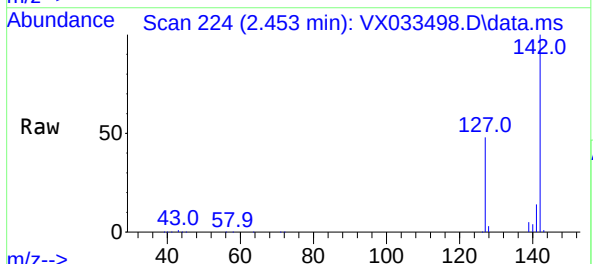
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

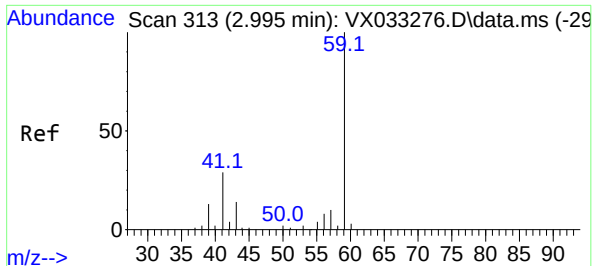
Tgt Ion:101 Resp: 63160
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.4
151 78.3 64.4 96.6



#10
Methyl Iodide
Concen: 54.759 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:142 Resp: 68065
Ion Ratio Lower Upper
142 100
127 47.3 38.6 57.8
141 14.5 11.4 17.2

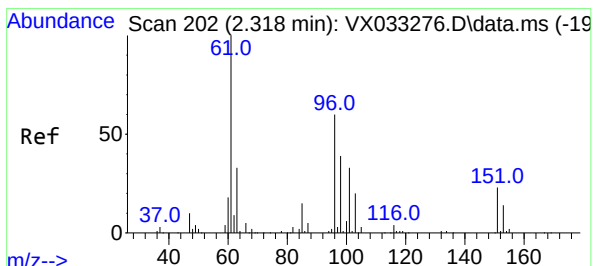
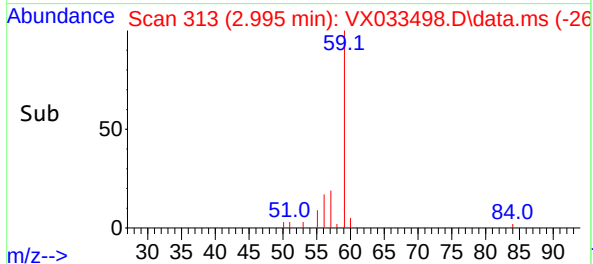
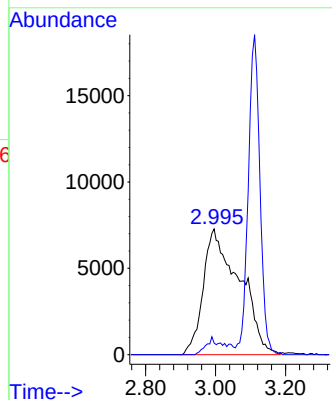
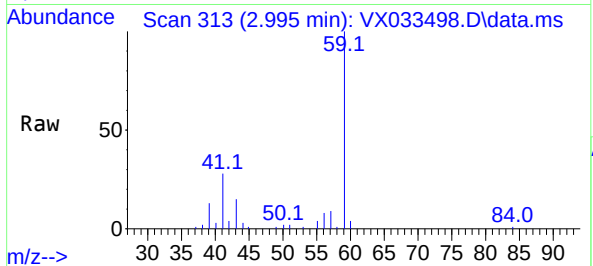




#11
Tert butyl alcohol
Concen: 215.402 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

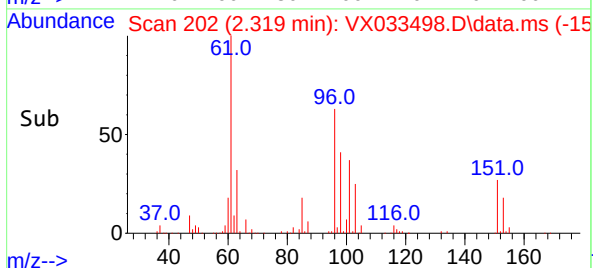
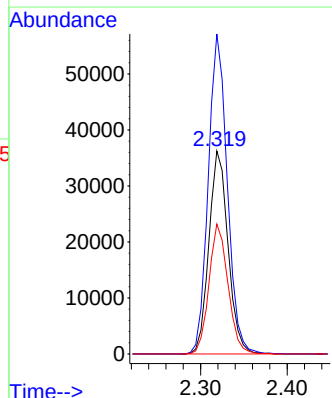
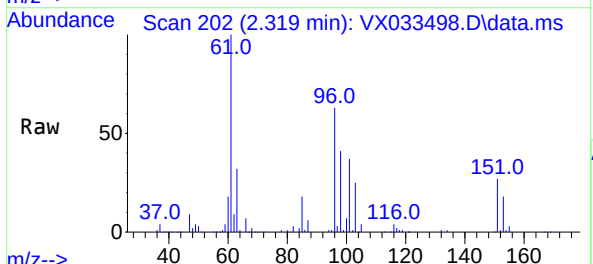
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

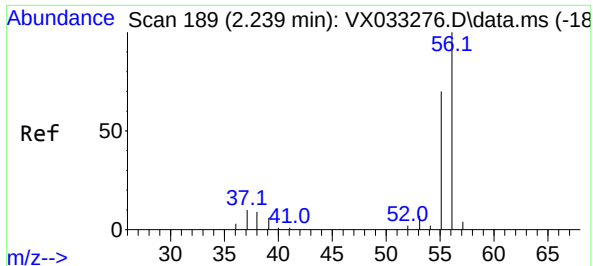
Tgt Ion: 59 Resp: 52207
Ion Ratio Lower Upper
59 100
57 3.5 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 49.751 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 96 Resp: 55735
Ion Ratio Lower Upper
96 100
61 157.6 125.1 187.7
98 64.0 50.6 76.0

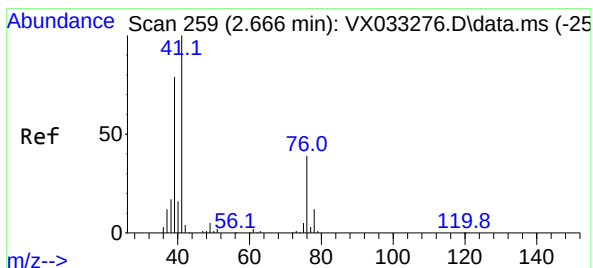
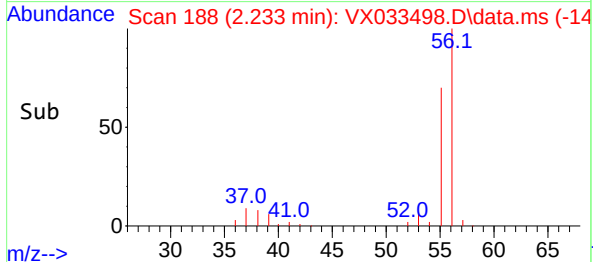
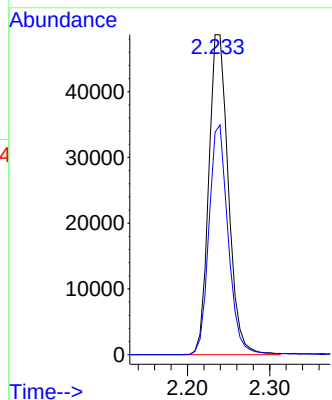
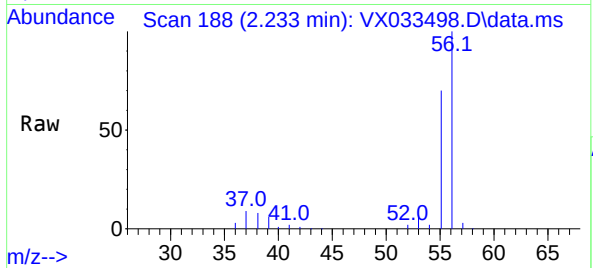




#13
Acrolein
Concen: 306.194 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

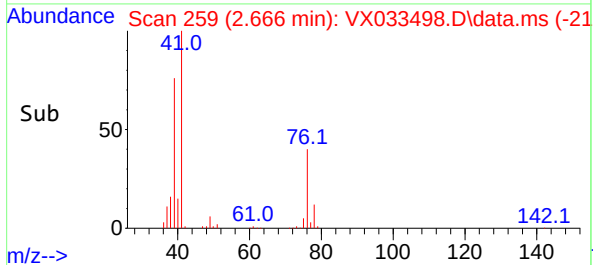
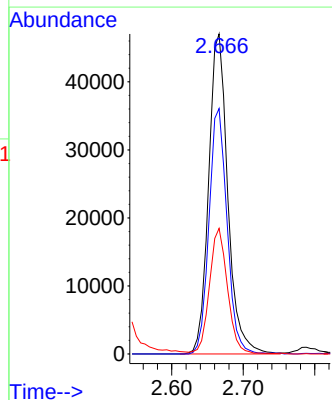
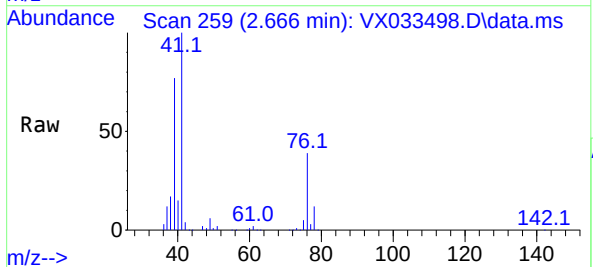
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

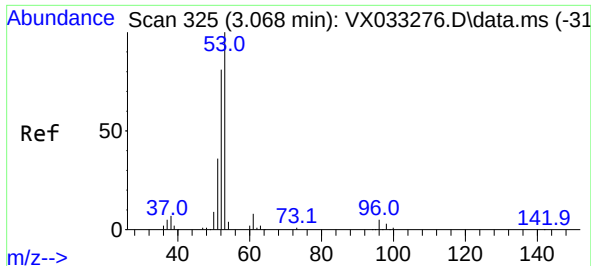
Tgt Ion: 56 Resp: 80487
Ion Ratio Lower Upper
56 100
55 70.6 56.9 85.3



#14
Allyl chloride
Concen: 48.927 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 41 Resp: 87531
Ion Ratio Lower Upper
41 100
39 72.3 61.4 92.2
76 36.7 29.2 43.8

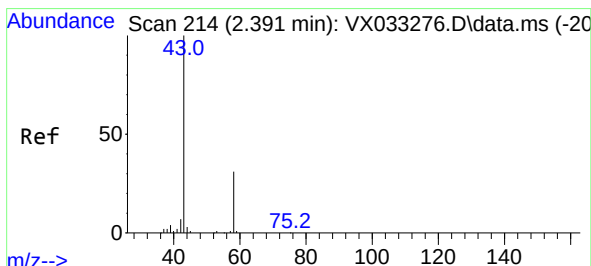
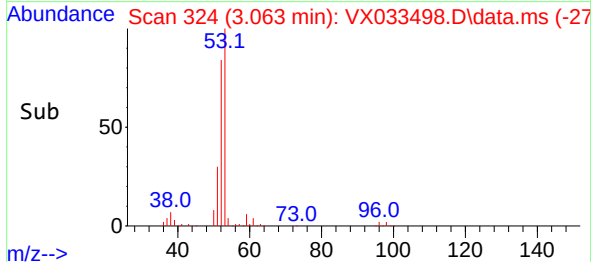
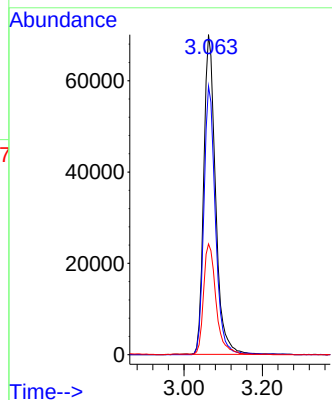
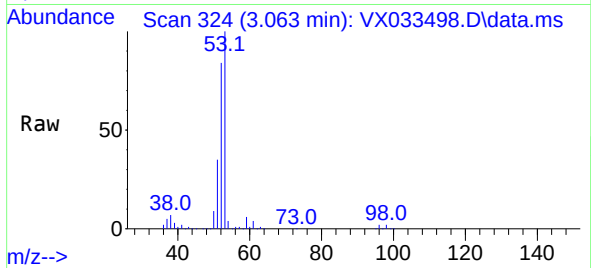




#15
Acrylonitrile
Concen: 243.779 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

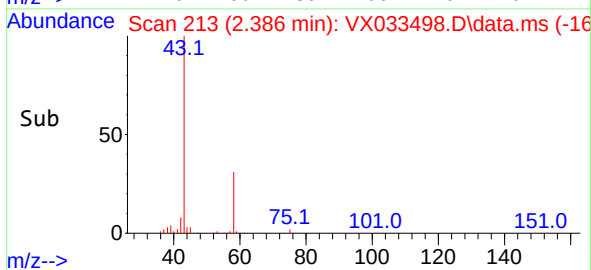
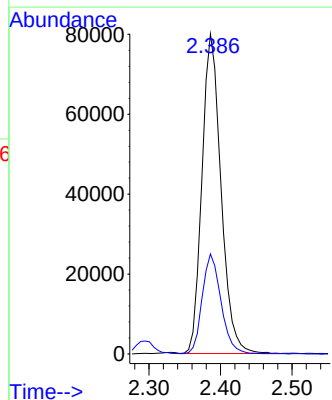
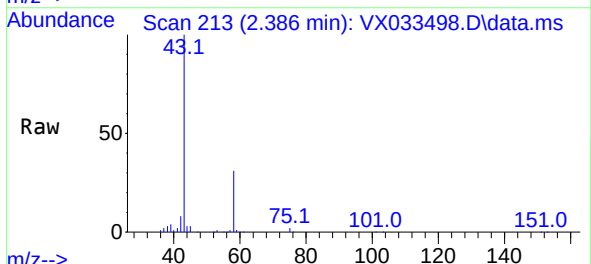
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

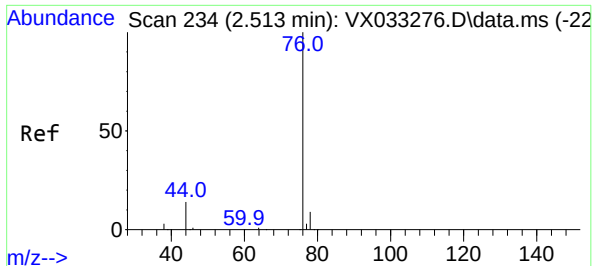
Tgt Ion: 53 Resp: 146360
Ion Ratio Lower Upper
53 100
52 81.9 67.4 101.0
51 36.3 30.3 45.5



#16
Acetone
Concen: 251.874 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 43 Resp: 147753
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.8

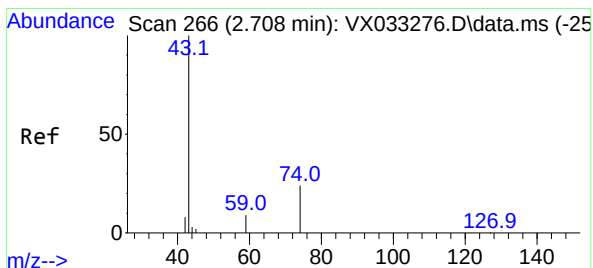
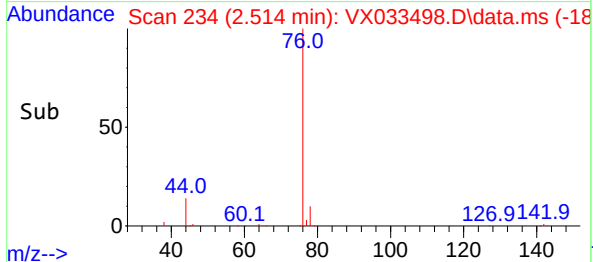
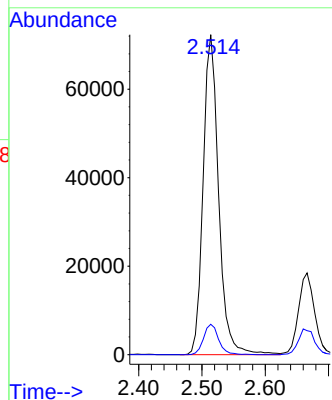
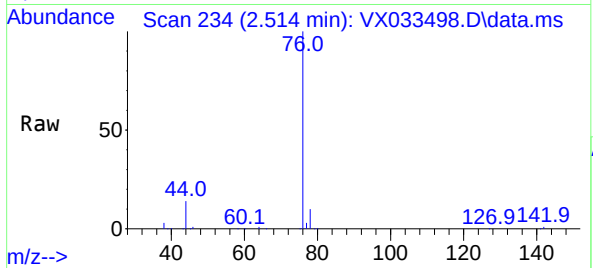




#17
Carbon Disulfide
Concen: 42.874 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

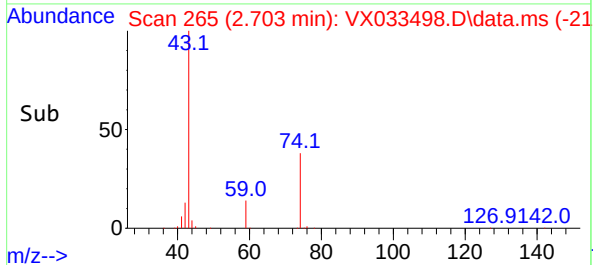
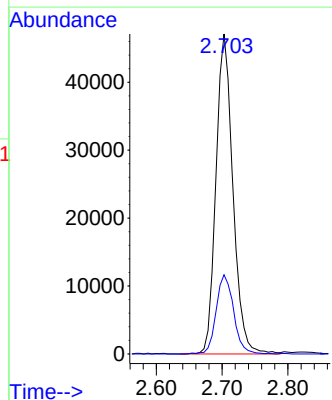
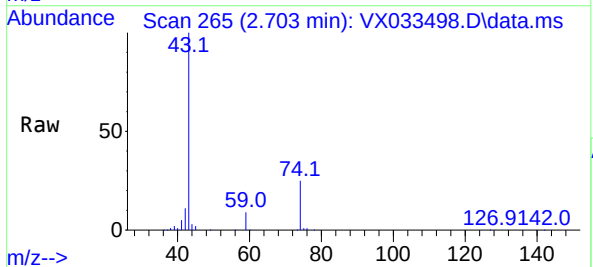
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

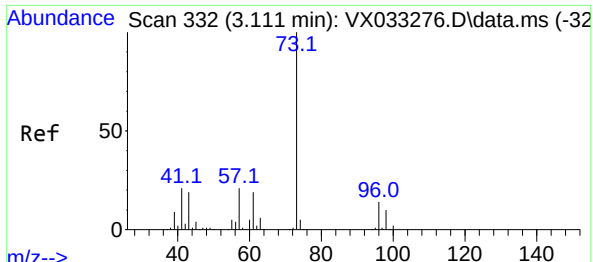
Tgt Ion: 76 Resp: 123274
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 49.752 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 43 Resp: 84488
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0

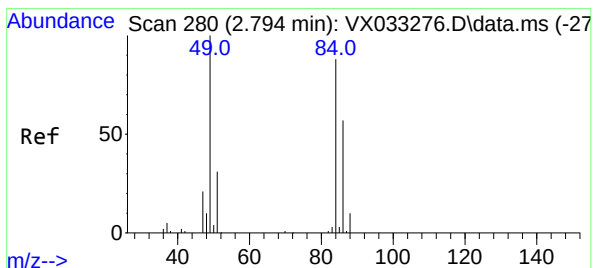
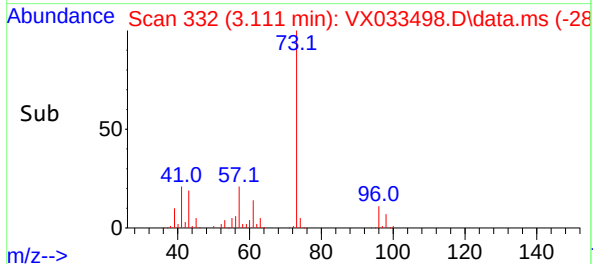
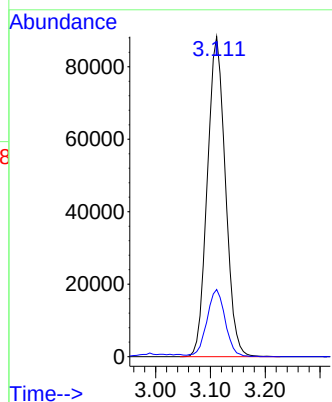
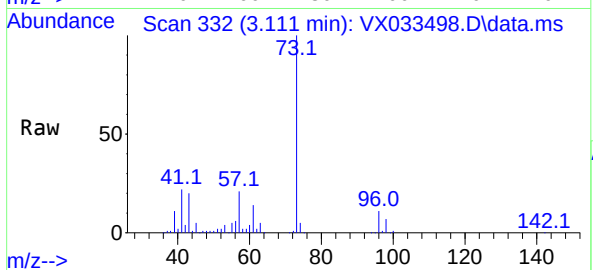




#19
Methyl tert-butyl Ether
Concen: 51.897 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

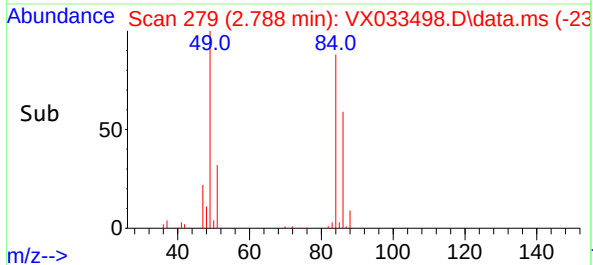
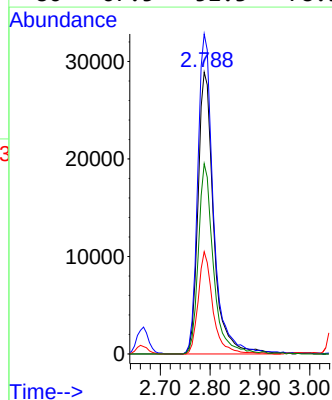
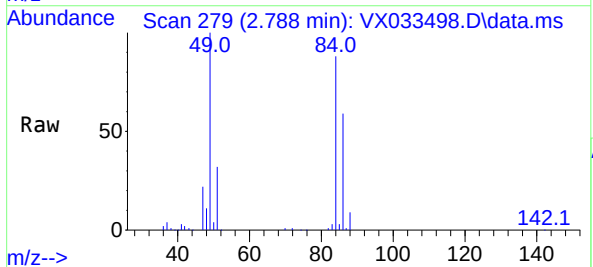
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

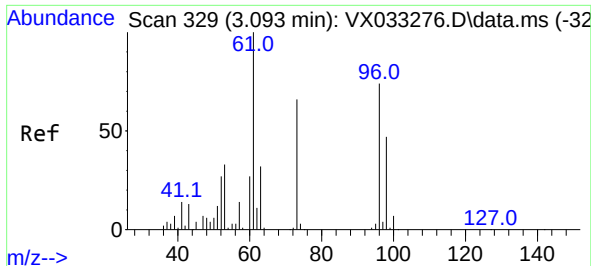
Tgt Ion: 73 Resp: 201387
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 48.248 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 84 Resp: 63120
Ion Ratio Lower Upper
84 100
49 113.6 101.0 151.6
51 36.3 31.1 46.7
86 67.5 52.3 78.5

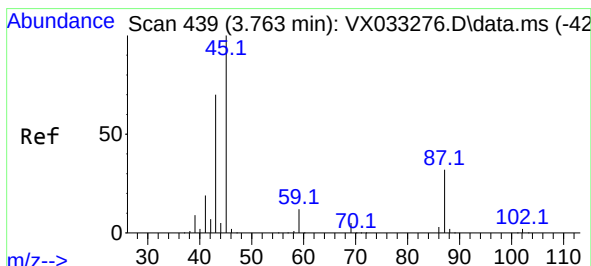
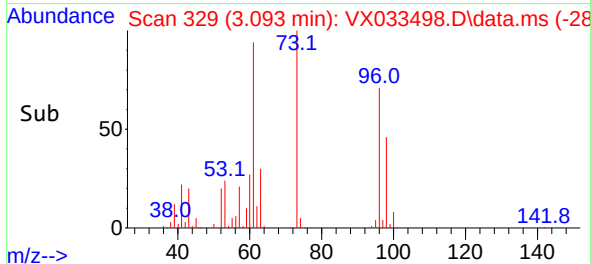
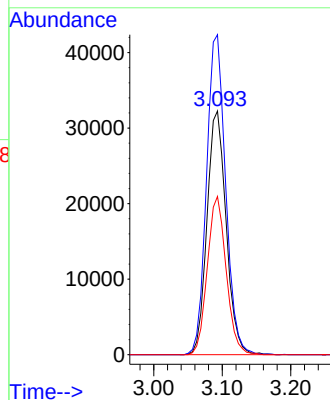
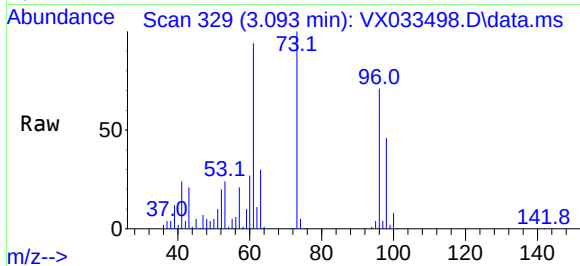




#21
trans-1,2-Dichloroethene
Concen: 51.231 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

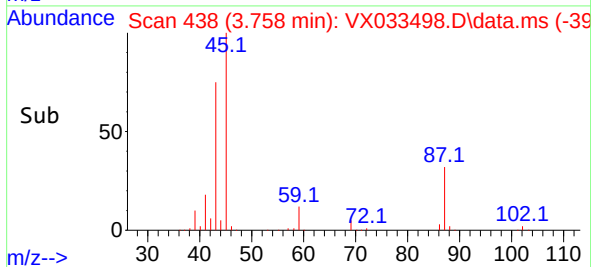
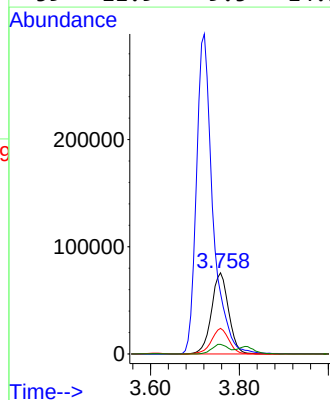
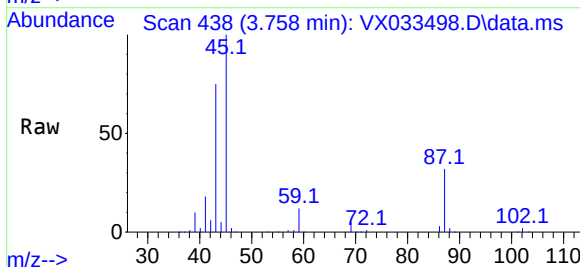
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

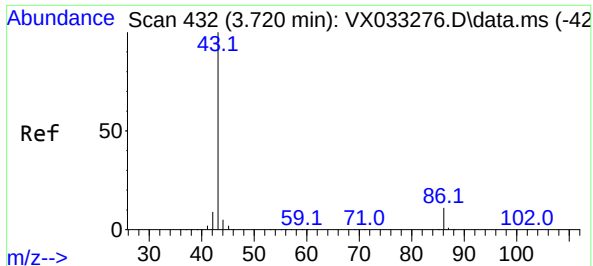
Tgt Ion: 96 Resp: 62782
Ion Ratio Lower Upper
96 100
61 131.3 106.6 160.0
98 65.0 51.0 76.6



#22
Diisopropyl ether
Concen: 52.683 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 45 Resp: 201932
Ion Ratio Lower Upper
45 100
43 74.9 56.4 84.6
87 31.6 24.4 36.6
59 11.9 9.5 14.3

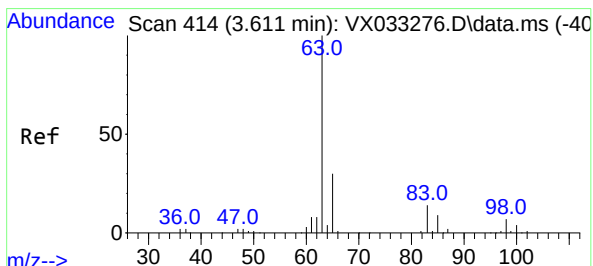
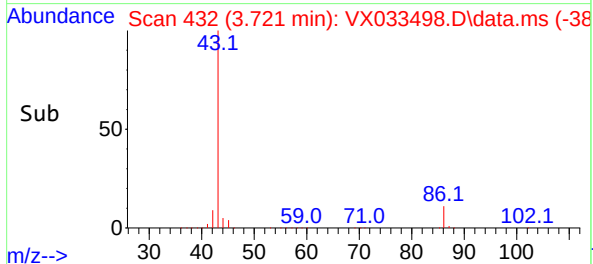
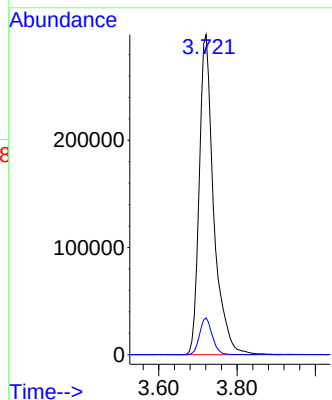
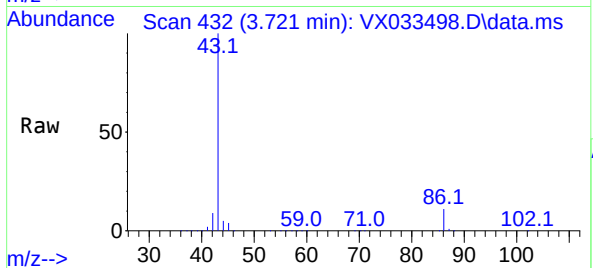




#23
 Vinyl Acetate
 Concen: 258.123 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03

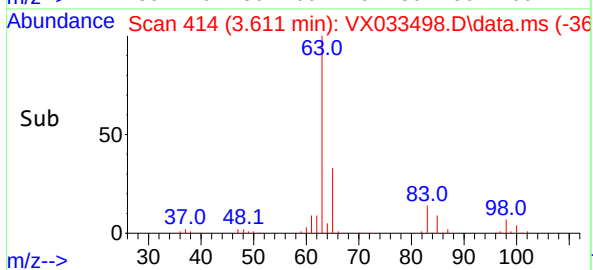
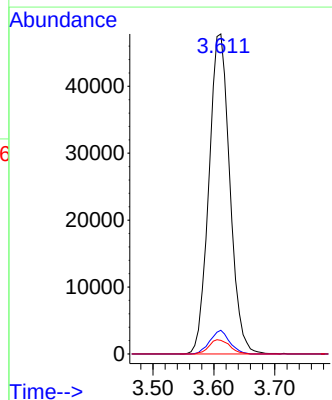
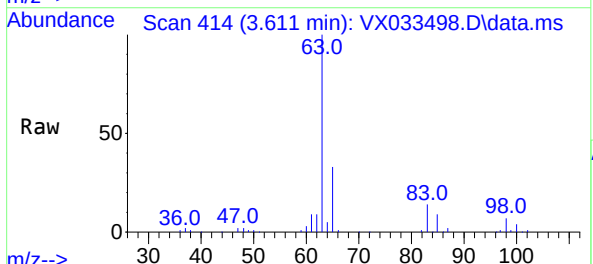
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

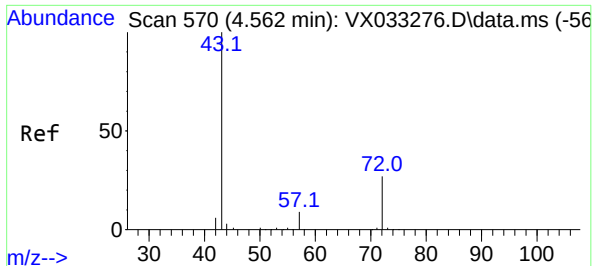
Tgt Ion: 43 Resp: 767930
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 50.615 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03

Tgt Ion: 63 Resp: 113991
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.3 2.3 6.8

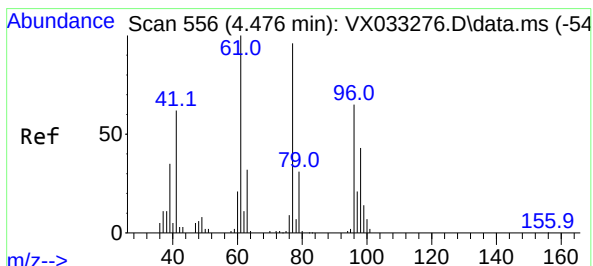
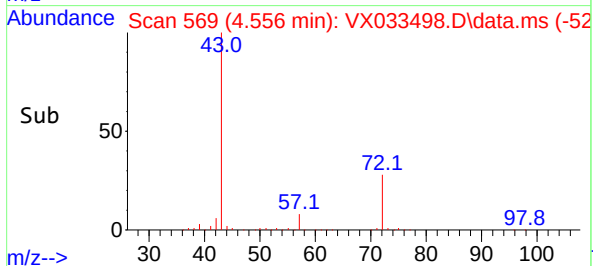
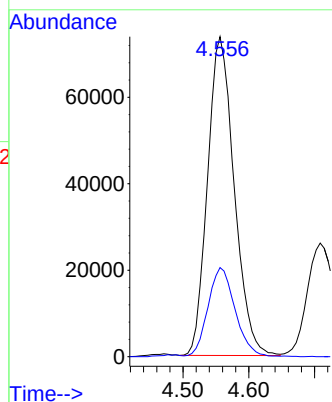
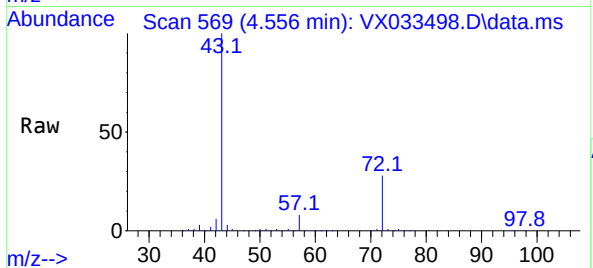




#25
2-Butanone
Concen: 246.790 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

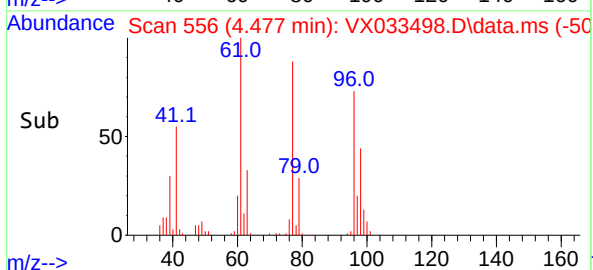
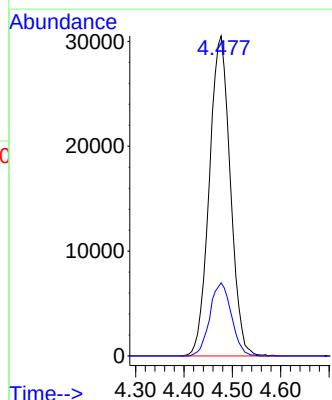
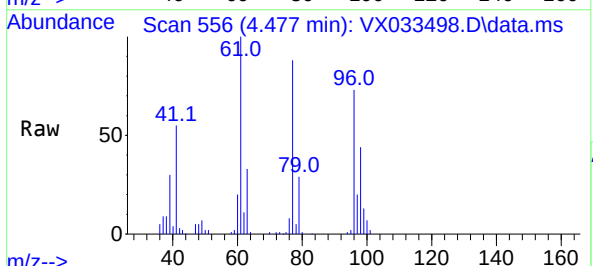
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

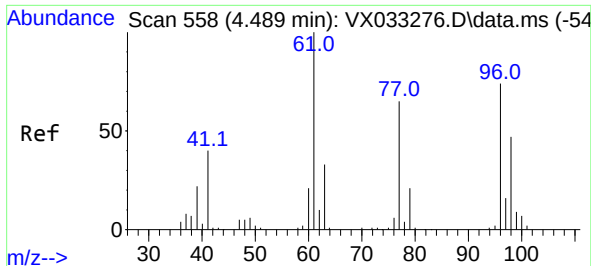
Tgt Ion: 43 Resp: 207806
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 55.542 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 77 Resp: 91988
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.248 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

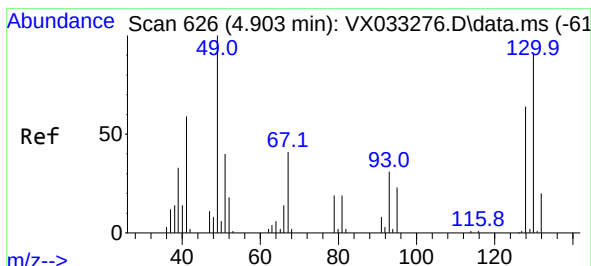
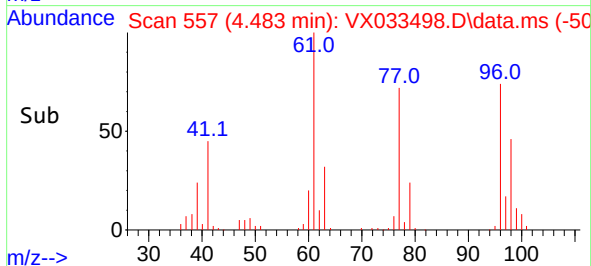
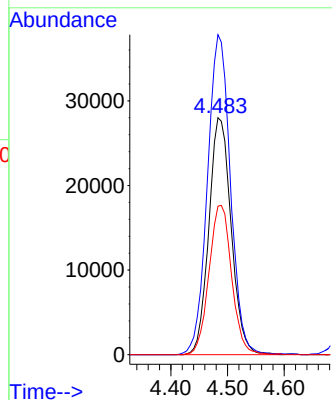
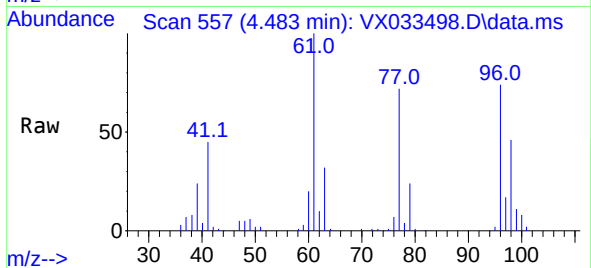
Tgt Ion: 96 Resp: 76520

Ion Ratio Lower Upper

96 100

61 139.3 0.0 286.0

98 63.9 0.0 129.6



#28

Bromochloromethane

Concen: 50.036 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

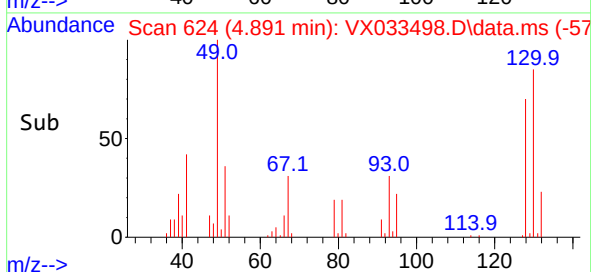
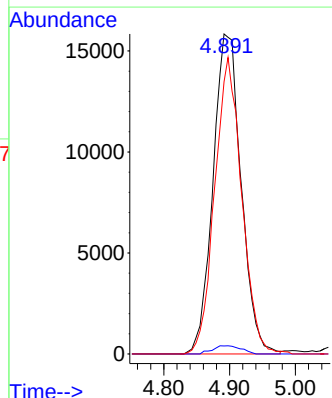
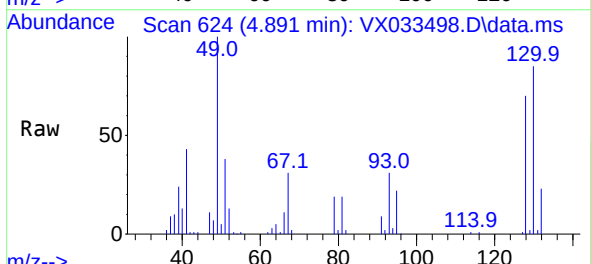
Tgt Ion: 49 Resp: 47172

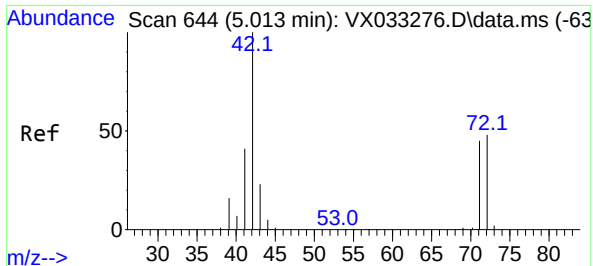
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.8

130 88.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 240.744 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

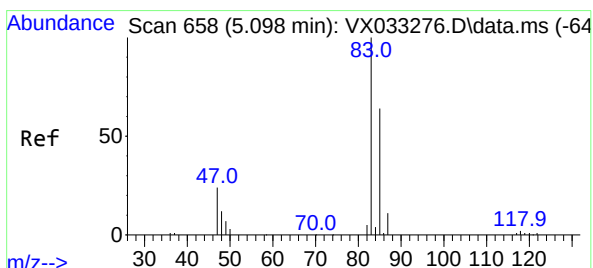
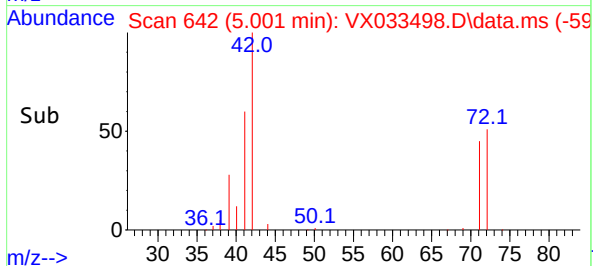
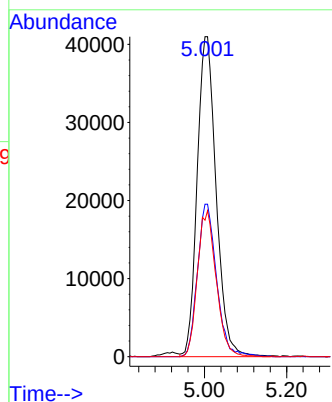
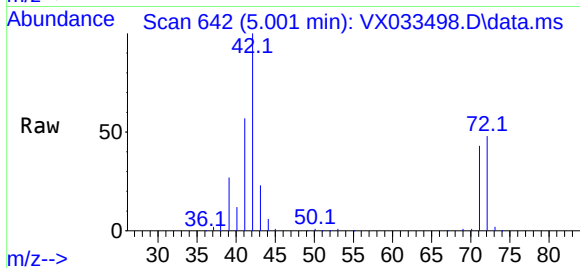
Tgt Ion: 42 Resp: 131340

Ion Ratio Lower Upper

42 100

72 48.1 37.6 56.4

71 45.1 34.7 52.1



#30

Chloroform

Concen: 52.949 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033498.D

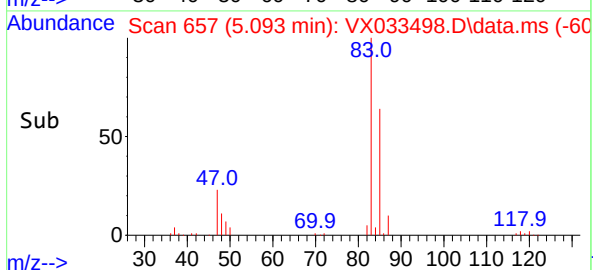
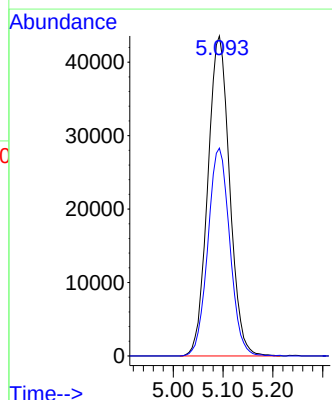
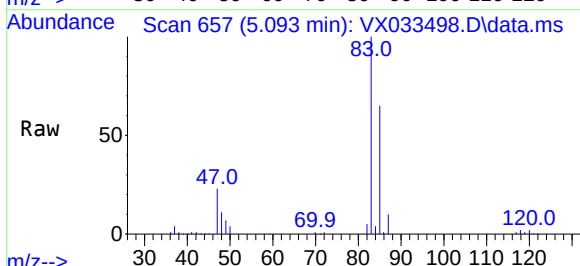
Acq: 20 Dec 2022 11:03

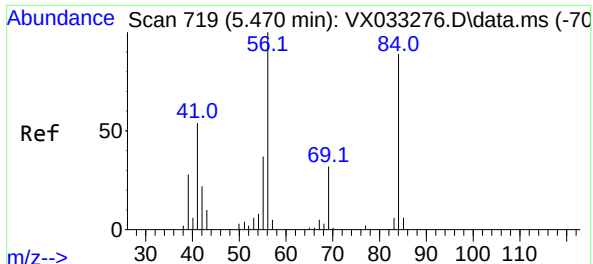
Tgt Ion: 83 Resp: 132386

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7



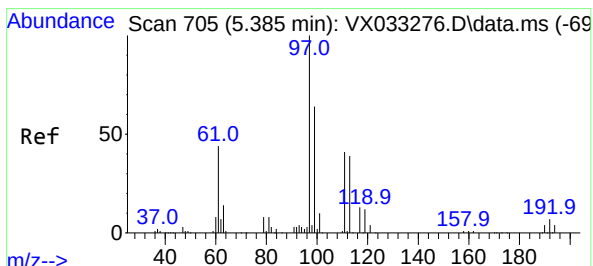
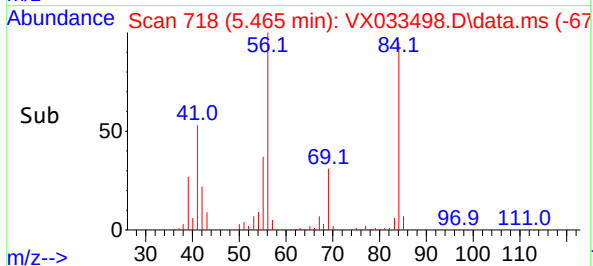
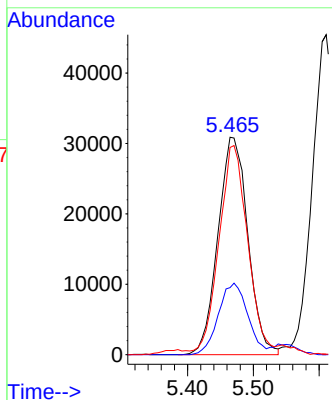
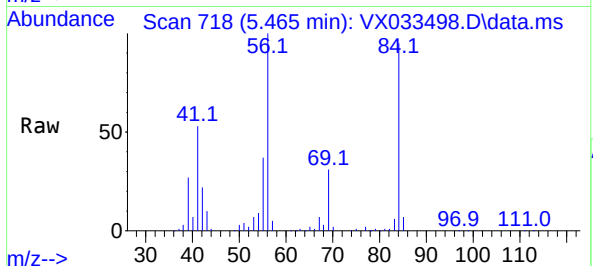


#31
Cyclohexane
Concen: 51.815 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 97621

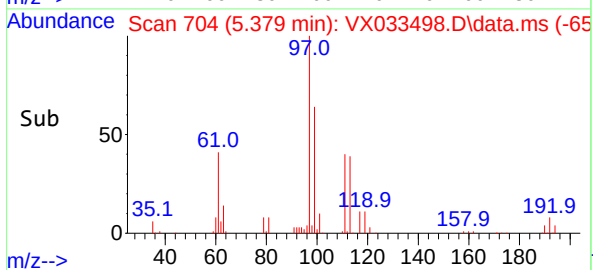
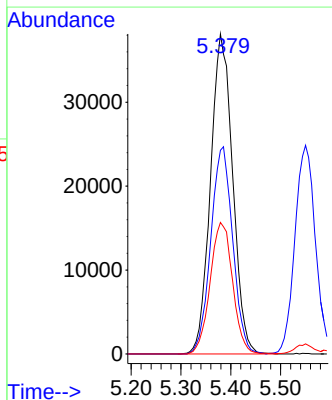
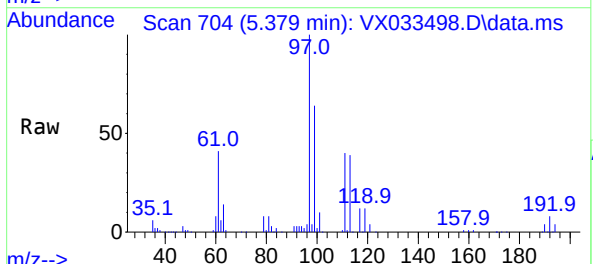
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.1	36.1
84	92.9	66.9	100.3

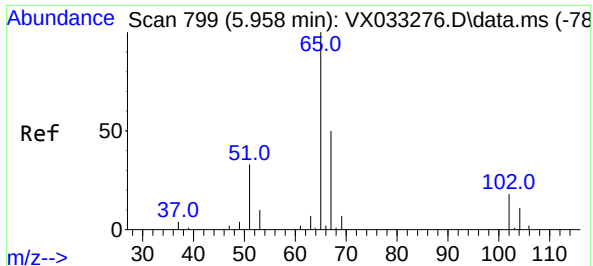


#32
1,1,1-Trichloroethane
Concen: 54.643 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 97 Resp: 117548

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	41.7	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 48.912 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

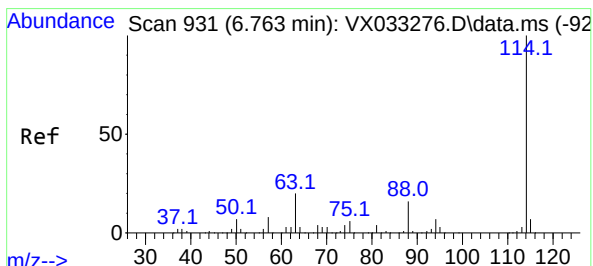
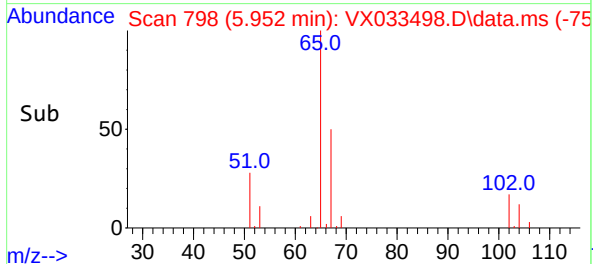
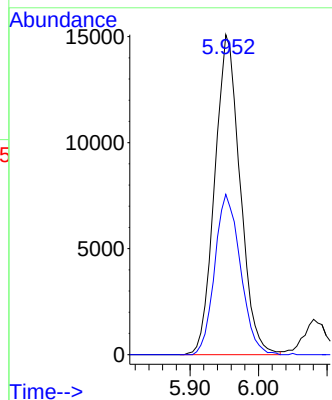
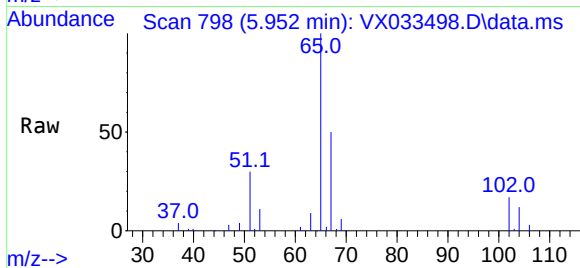
VSTDCCC050

Tgt Ion: 65 Resp: 38775

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: VX033498.D

Acq: 20 Dec 2022 11:03

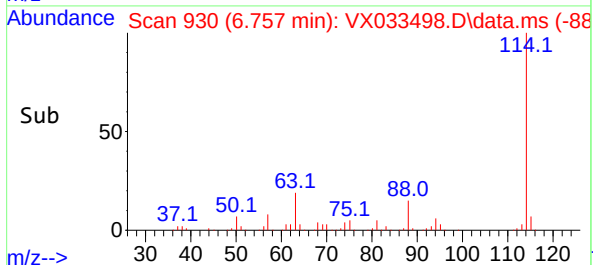
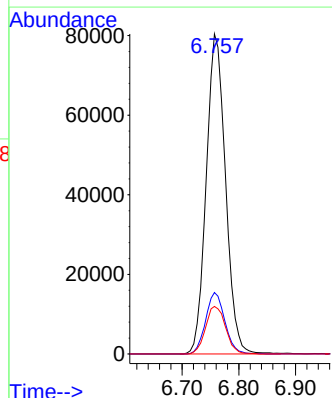
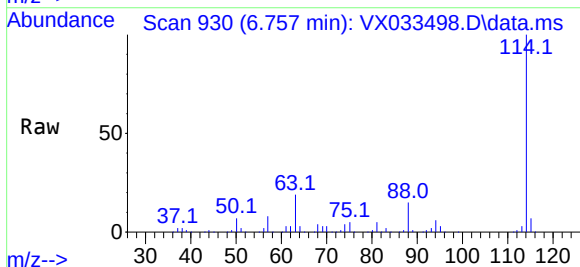
Tgt Ion: 114 Resp: 189870

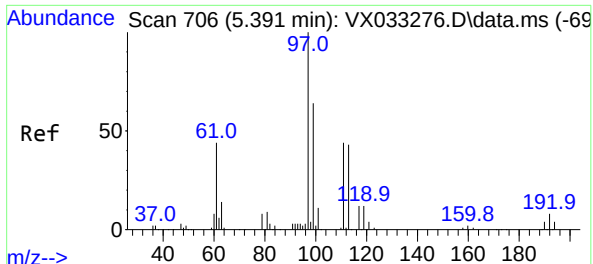
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.289 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

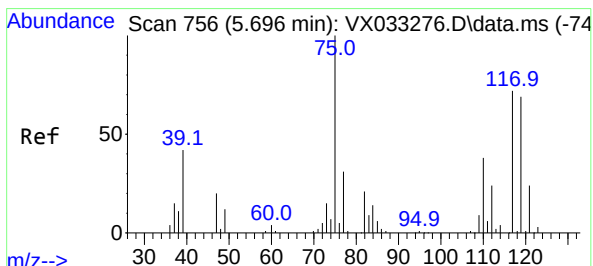
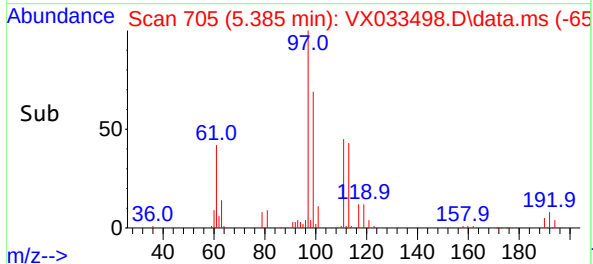
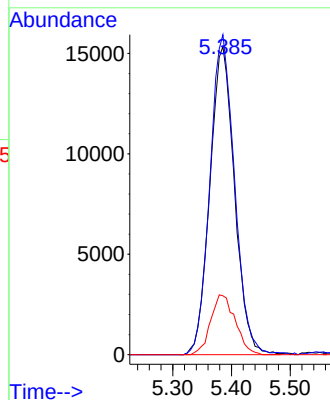
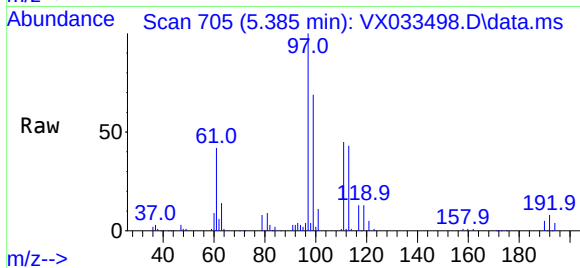
Tgt Ion:113 Resp: 44655

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 54.952 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

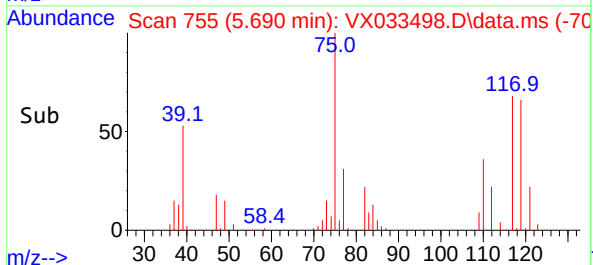
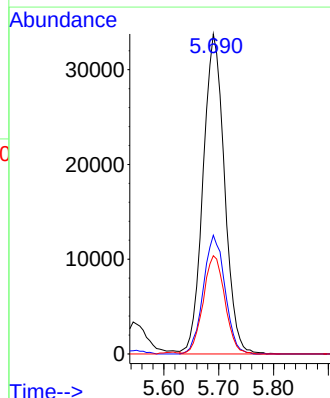
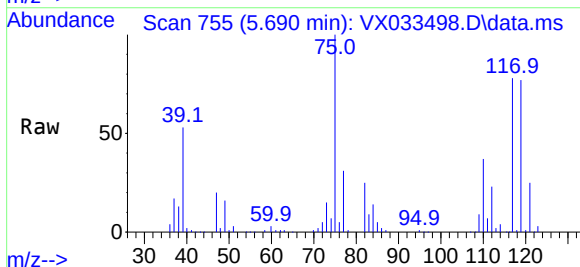
Tgt Ion: 75 Resp: 91495

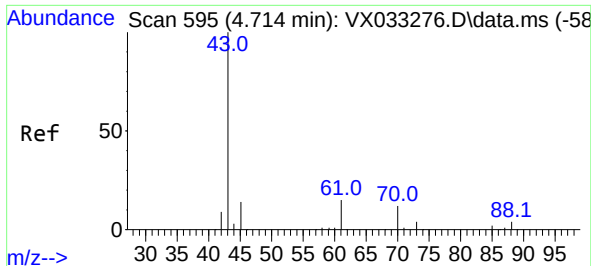
Ion Ratio Lower Upper

75 100

110 37.5 18.4 55.2

77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 49.881 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

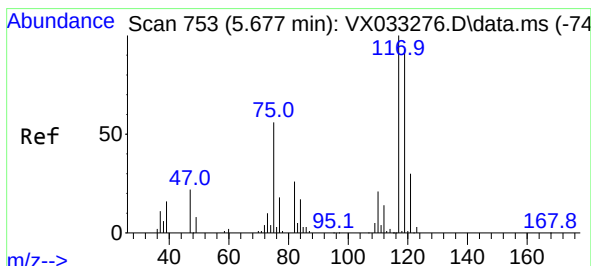
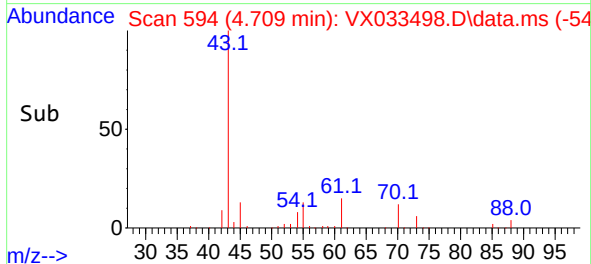
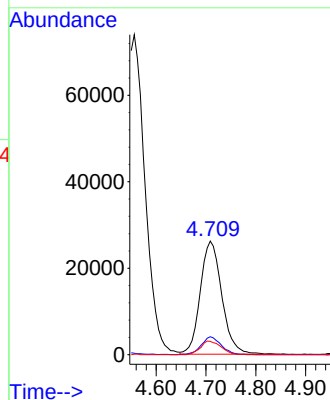
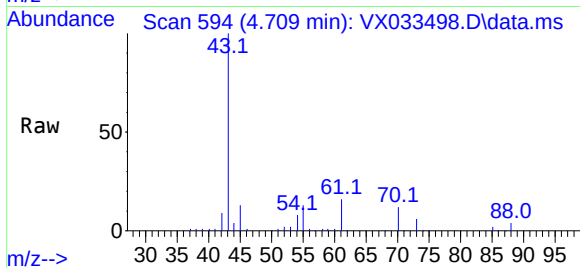
Tgt Ion: 43 Resp: 78508

Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

70 11.5 9.1 13.7



#38

Carbon Tetrachloride

Concen: 55.290 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

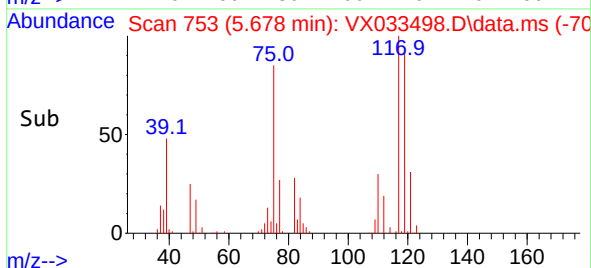
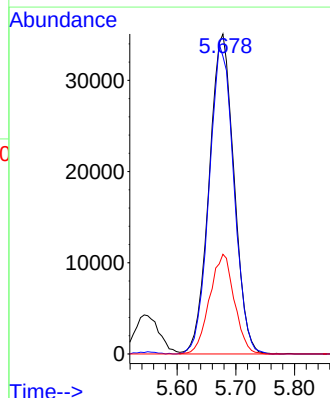
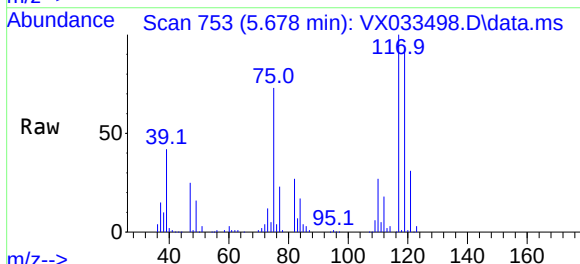
Tgt Ion: 117 Resp: 103143

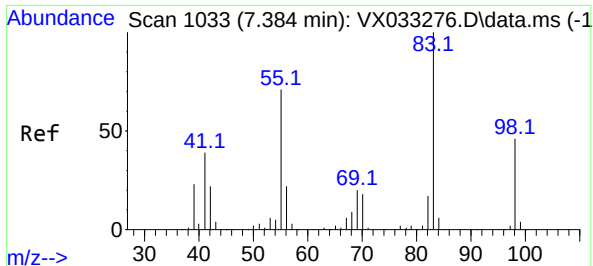
Ion Ratio Lower Upper

117 100

119 93.0 77.2 115.8

121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 56.932 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

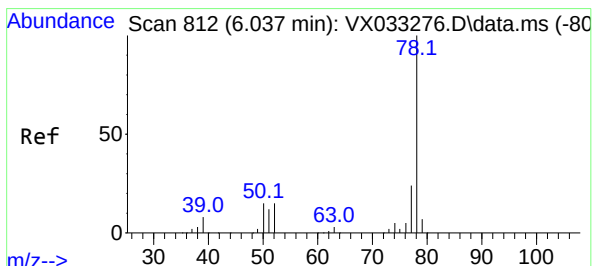
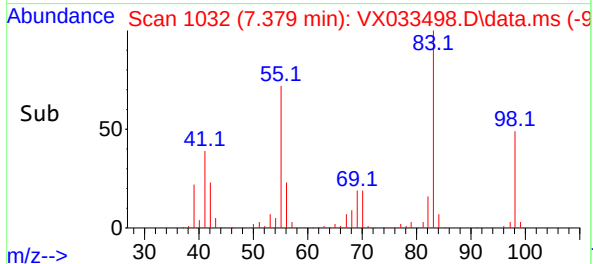
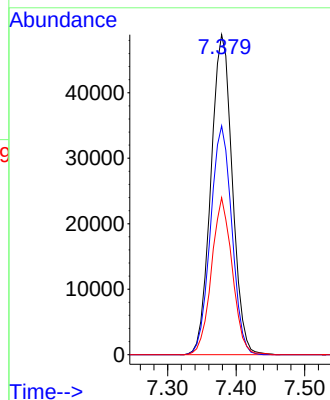
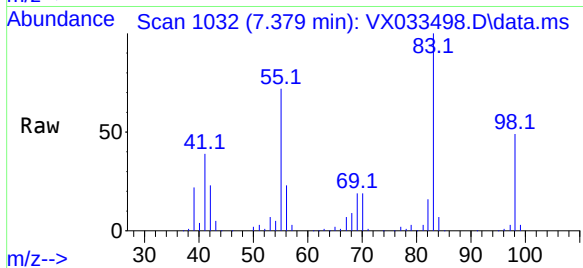
Tgt Ion: 83 Resp: 106101

Ion Ratio Lower Upper

83 100

55 71.5 58.4 87.6

98 49.1 37.2 55.8



#40

Benzene

Concen: 54.496 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033498.D

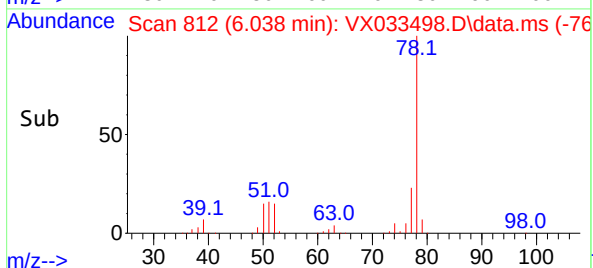
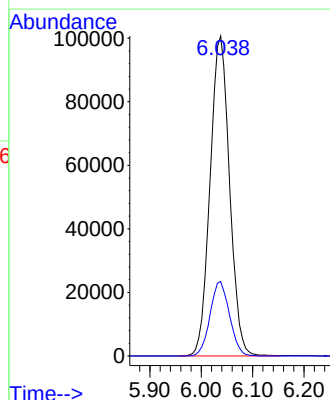
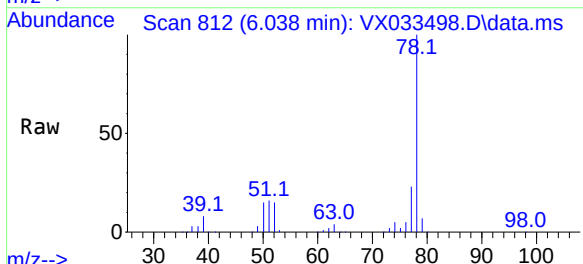
Acq: 20 Dec 2022 11:03

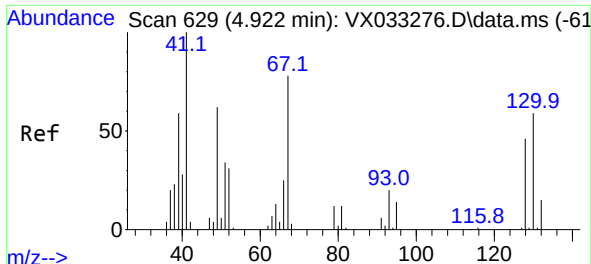
Tgt Ion: 78 Resp: 264558

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4

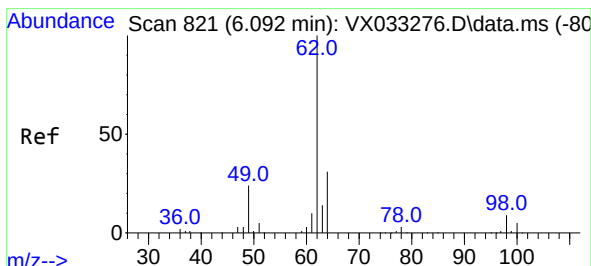
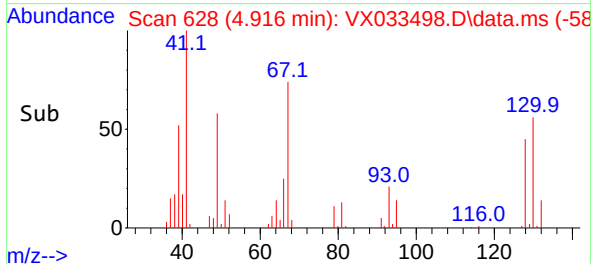
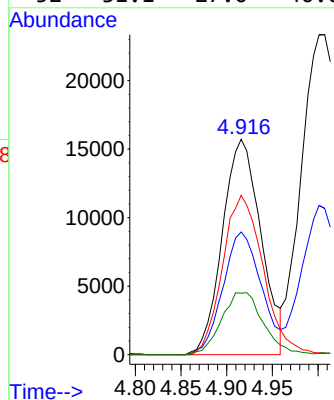
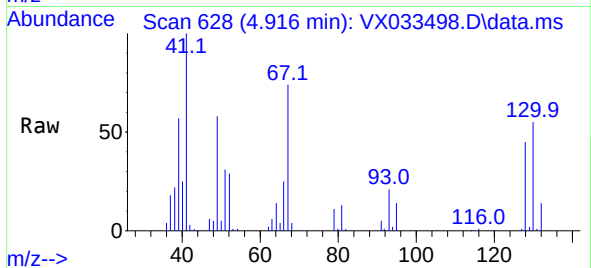




#41
Methacrylonitrile
Concen: 53.247 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

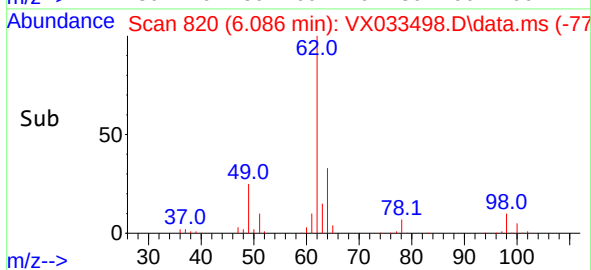
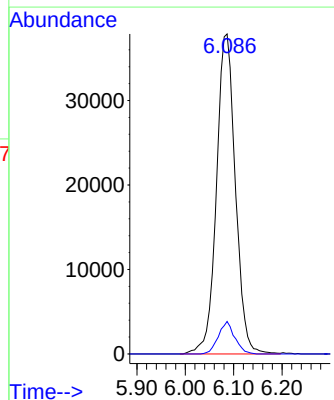
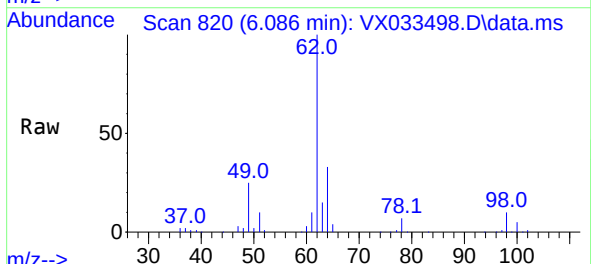
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

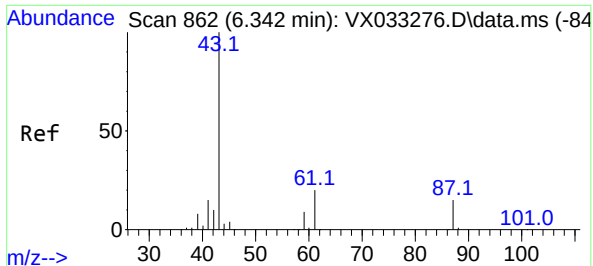
Tgt Ion: 41 Resp: 46181
Ion Ratio Lower Upper
41 100
39 56.7 47.5 71.3
67 78.0 60.5 90.7
52 31.1 27.0 40.6



#42
1,2-Dichloroethane
Concen: 53.424 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 62 Resp: 102989
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0

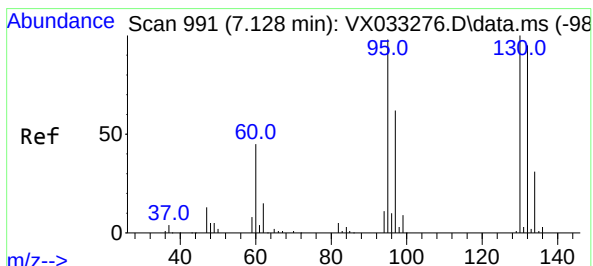
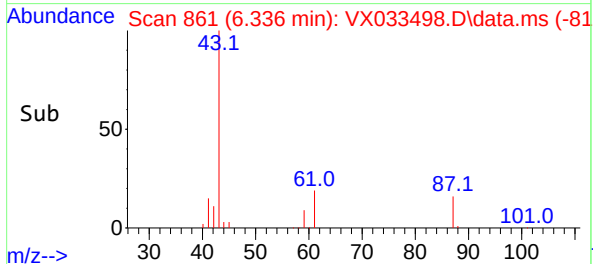
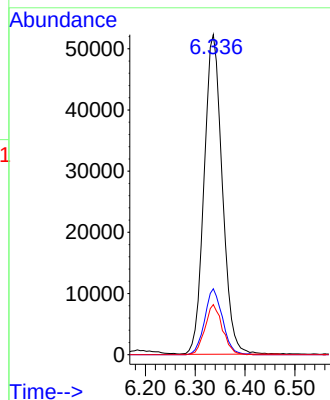
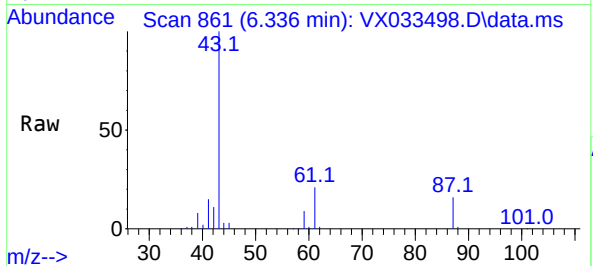




#43
Isopropyl Acetate
Concen: 52.212 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

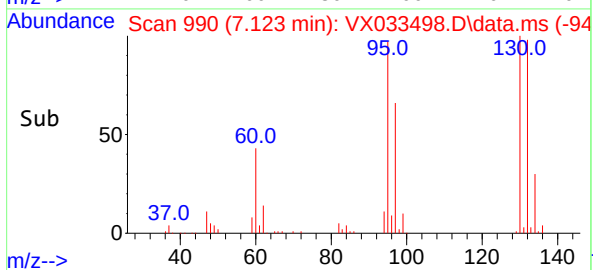
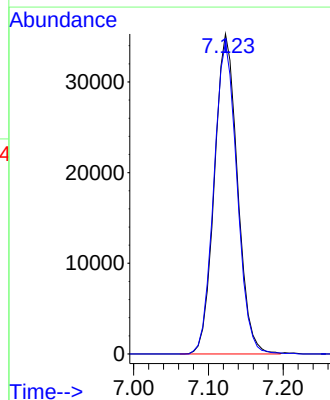
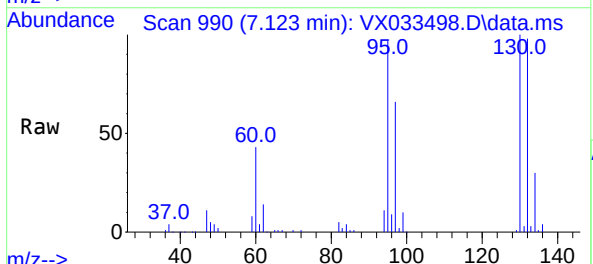
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

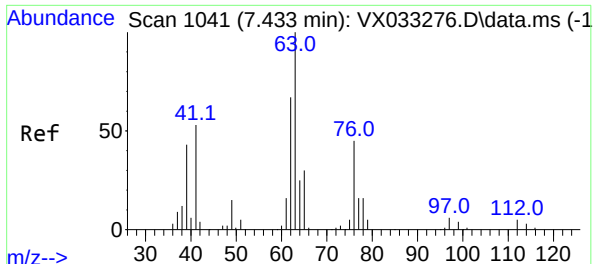
Tgt Ion: 43 Resp: 132222
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0
87 15.0 10.8 16.2



#44
Trichloroethene
Concen: 56.519 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:130 Resp: 75649
Ion Ratio Lower Upper
130 100
95 97.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.728 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

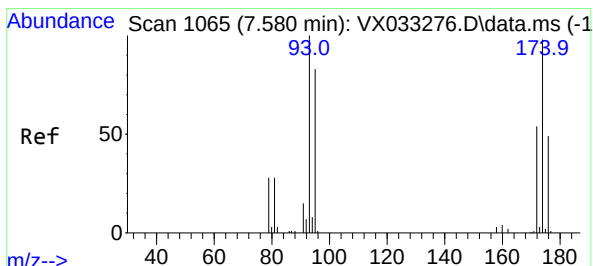
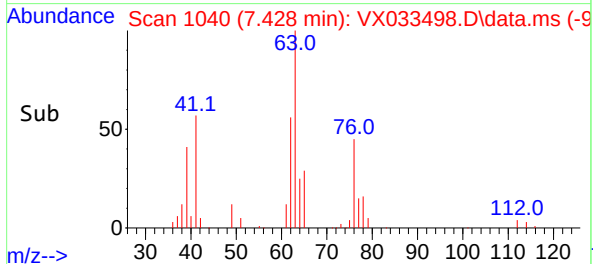
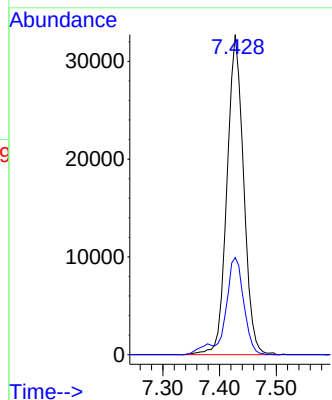
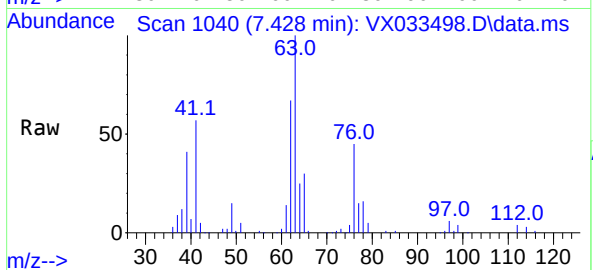
VSTDCCC050

Tgt Ion: 63 Resp: 66705

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 53.854 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

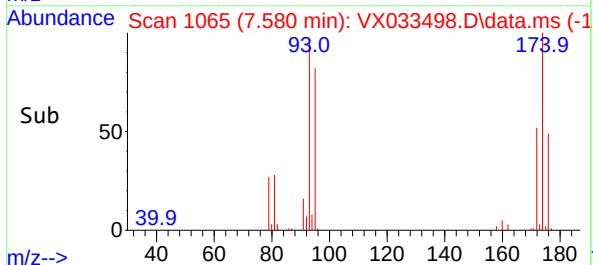
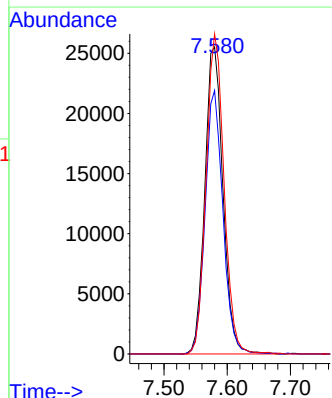
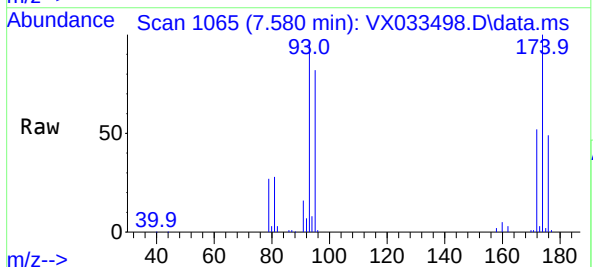
Tgt Ion: 93 Resp: 50934

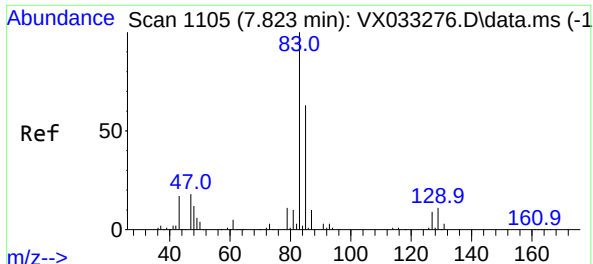
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.8

174 103.2 79.8 119.6





#47

Bromodichloromethane

Concen: 55.466 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

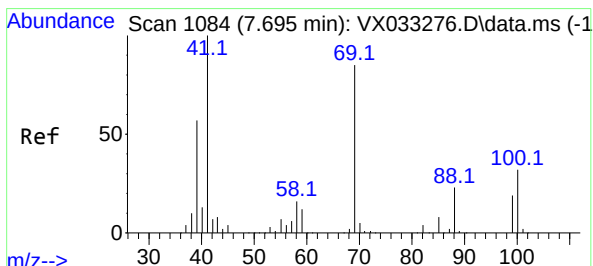
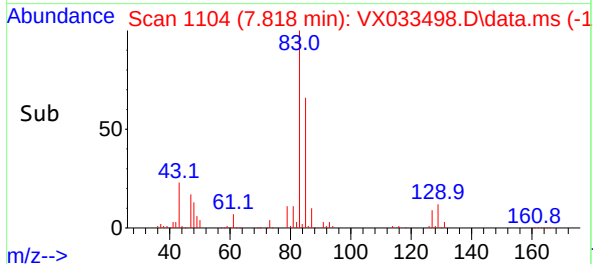
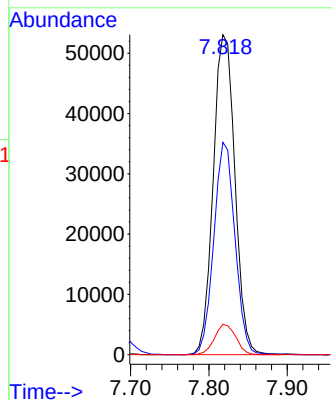
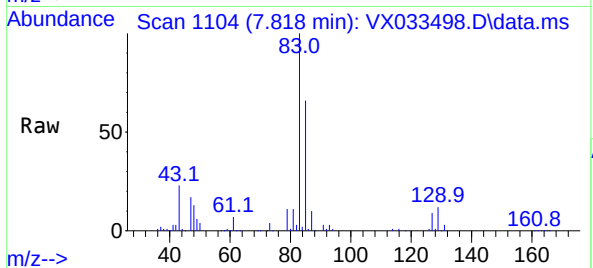
Tgt Ion: 83 Resp: 102259

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

127 9.5 7.4 11.2



#48

Methyl methacrylate

Concen: 52.846 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

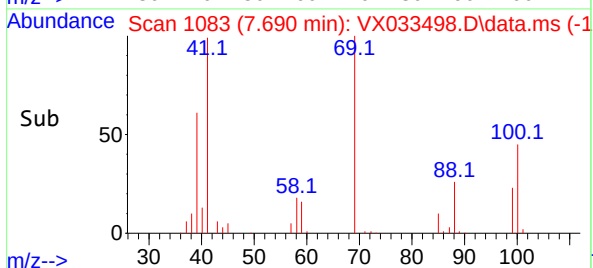
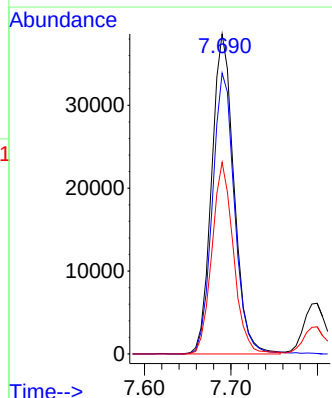
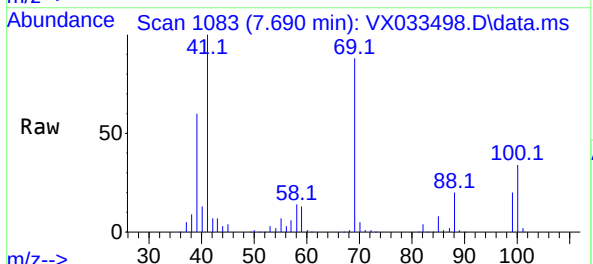
Tgt Ion: 41 Resp: 69069

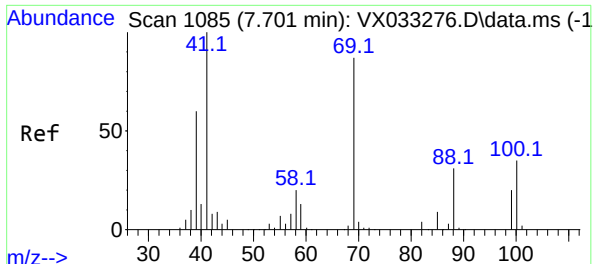
Ion Ratio Lower Upper

41 100

69 87.5 65.1 97.7

39 57.8 51.9 77.9





#49

1,4-Dioxane

Concen: 932.002 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

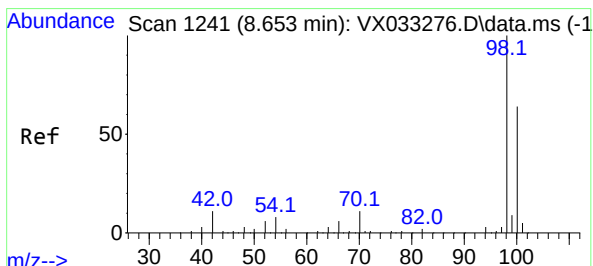
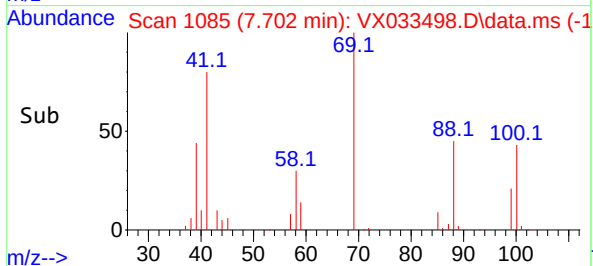
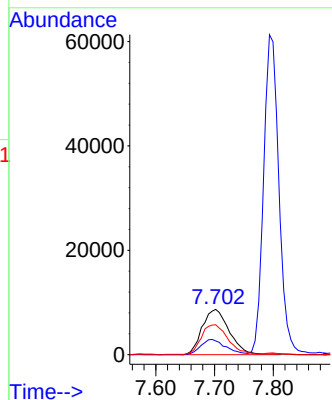
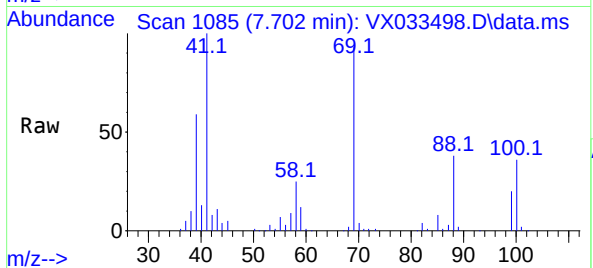
Tgt Ion: 88 Resp: 27777

Ion Ratio Lower Upper

88 100

43 31.6 26.6 39.8

58 65.2 51.7 77.5



#50

Toluene-d8

Concen: 53.763 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033498.D

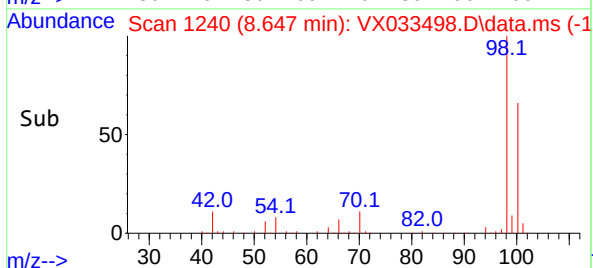
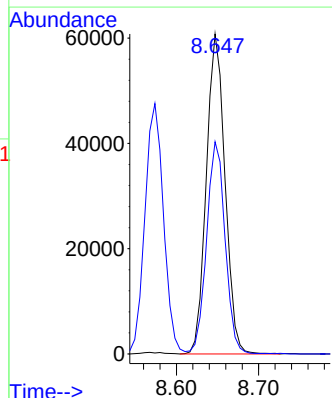
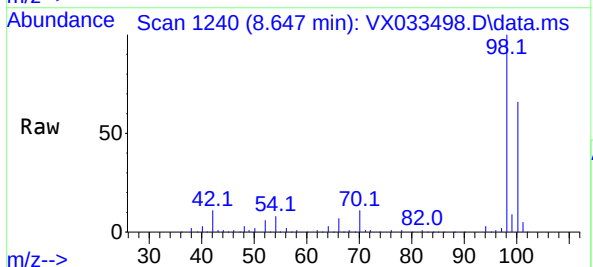
Acq: 20 Dec 2022 11:03

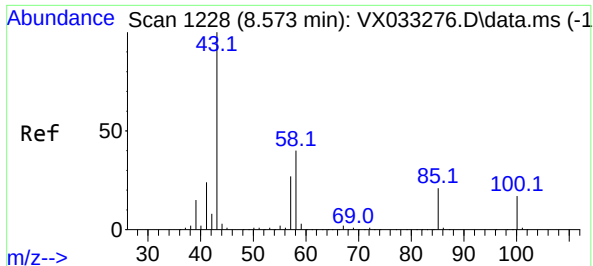
Tgt Ion: 98 Resp: 96049

Ion Ratio Lower Upper

98 100

100 65.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 268.242 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

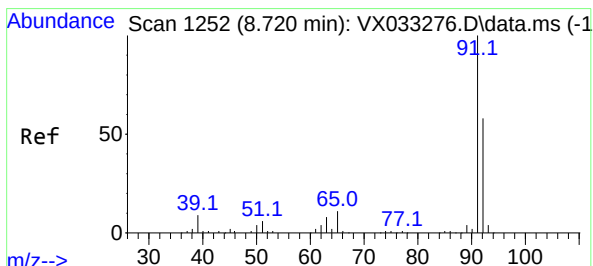
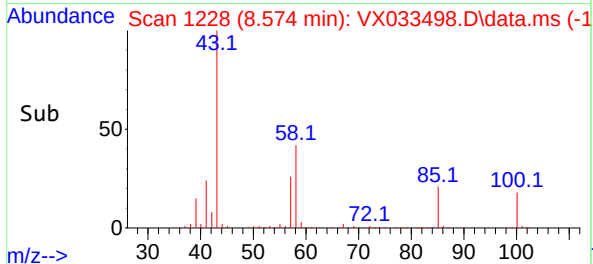
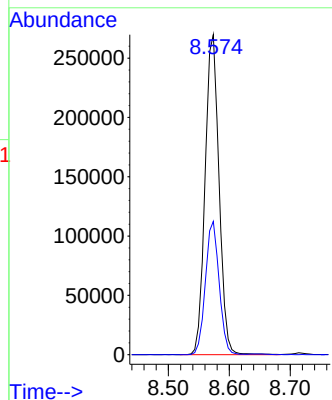
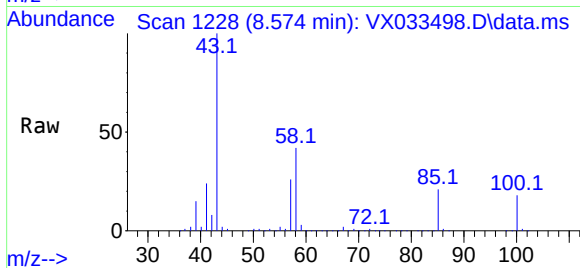
VSTDCCC050

Tgt Ion: 43 Resp: 429582

Ion Ratio Lower Upper

43 100

58 41.0 30.9 46.3



#52

Toluene

Concen: 57.336 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033498.D

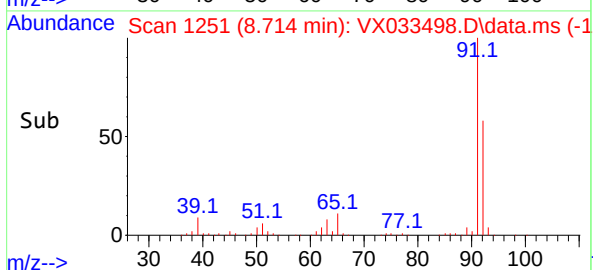
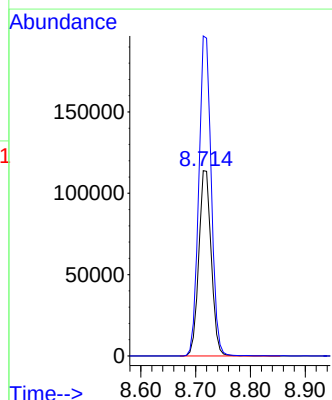
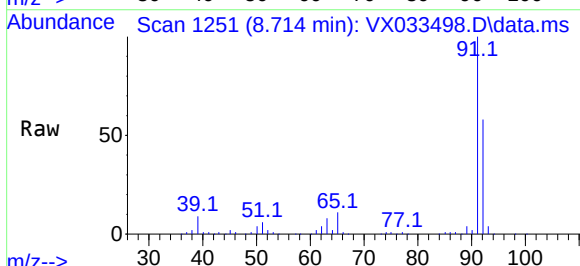
Acq: 20 Dec 2022 11:03

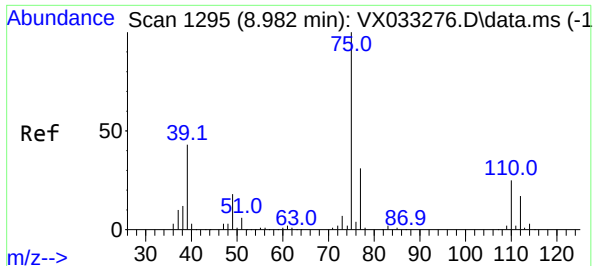
Tgt Ion: 92 Resp: 179965

Ion Ratio Lower Upper

92 100

91 172.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.453 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

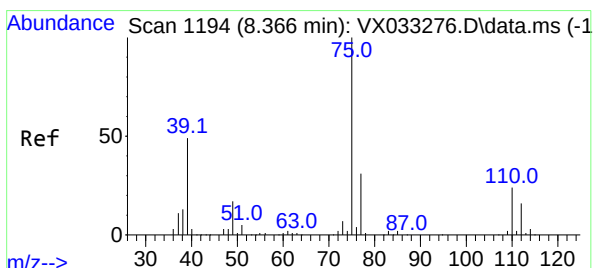
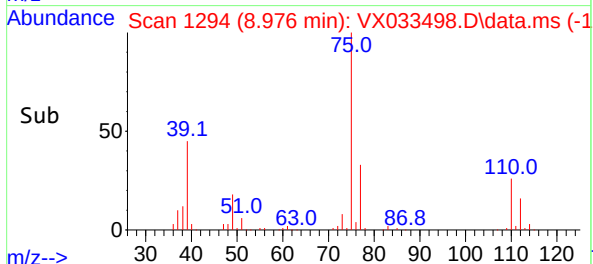
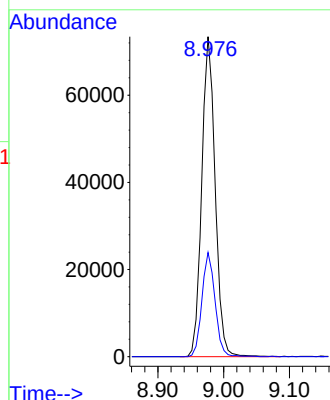
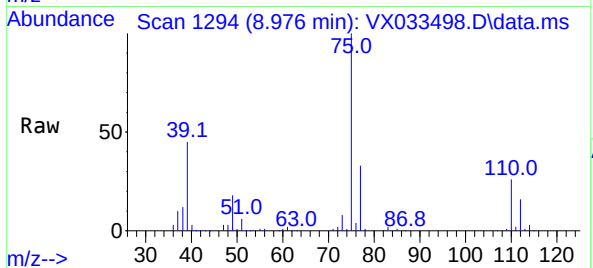
VSTDCCC050

Tgt Ion: 75 Resp: 104141

Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 56.792 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

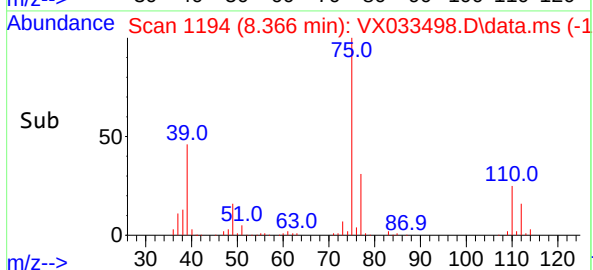
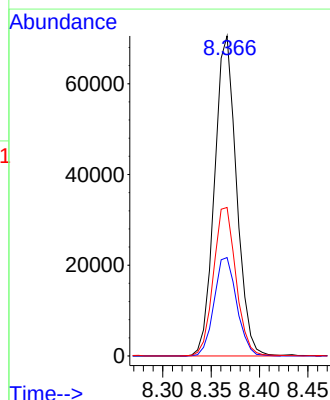
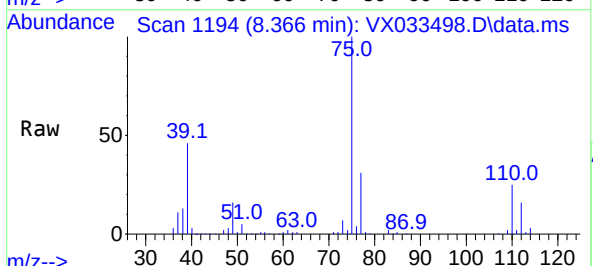
Tgt Ion: 75 Resp: 111417

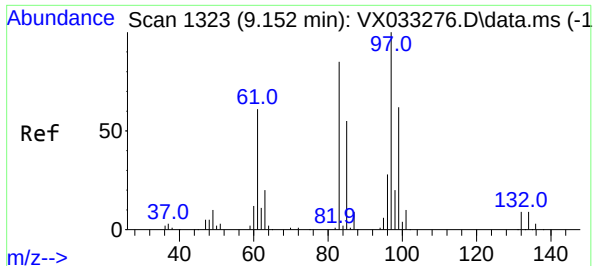
Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7

39 46.4 45.5 68.3



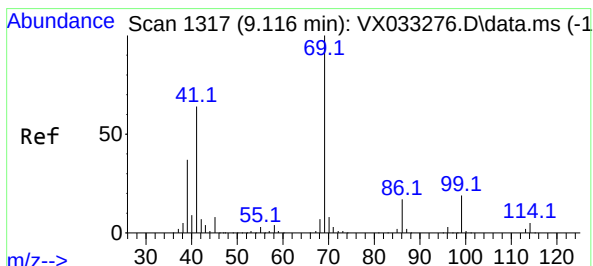
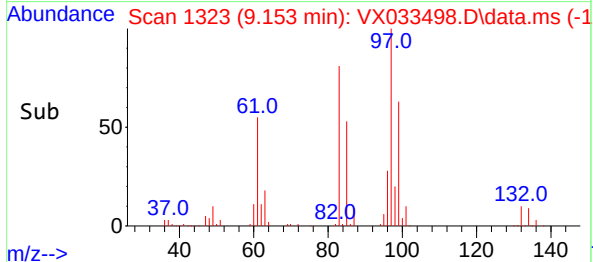
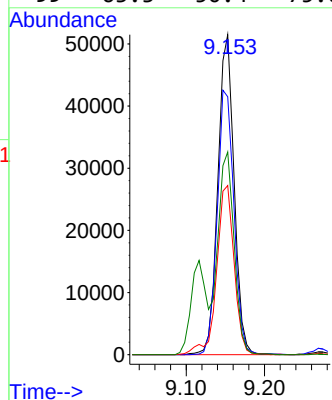
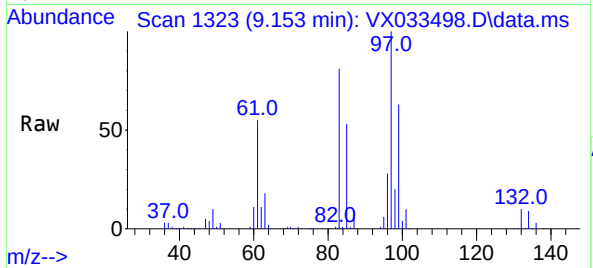


#55
1,1,2-Trichloroethane
Concen: 56.279 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 74255

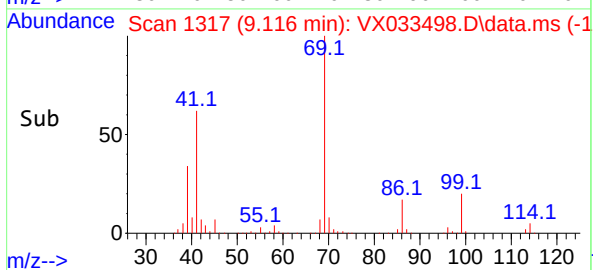
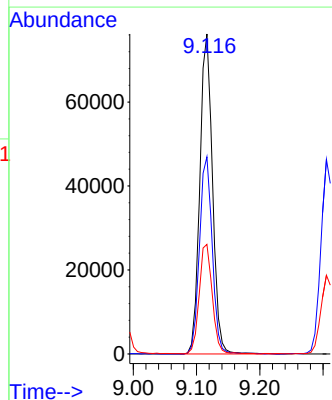
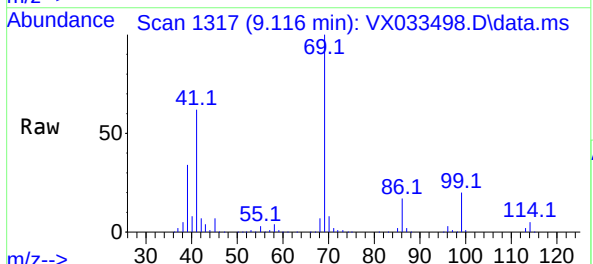
Ion	Ratio	Lower	Upper
97	100		
83	80.6	68.1	102.1
85	52.7	43.3	64.9
99	63.3	50.4	75.6

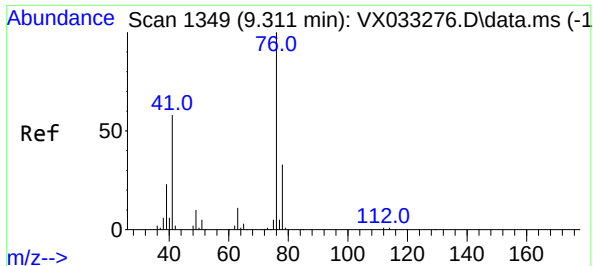


#56
Ethyl methacrylate
Concen: 57.169 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 69 Resp: 106201

Ion	Ratio	Lower	Upper
69	100		
41	62.3	54.3	81.5
39	35.3	35.2	52.8

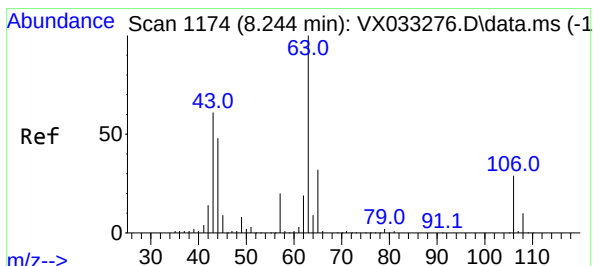
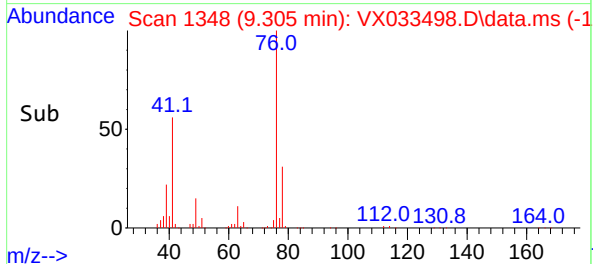
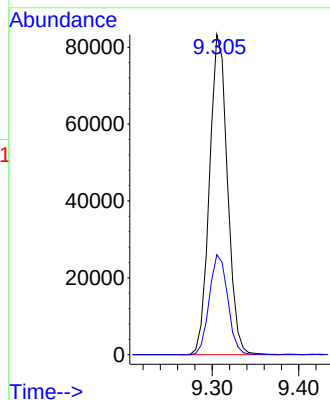
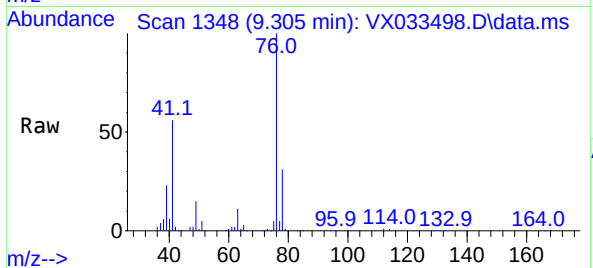




#57
1,3-Dichloropropane
Concen: 56.702 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

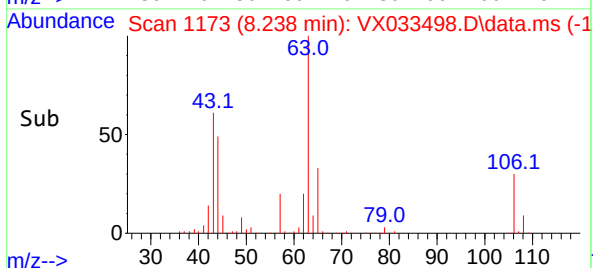
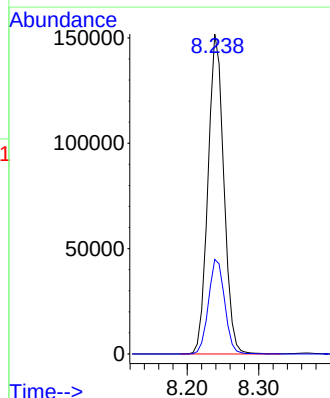
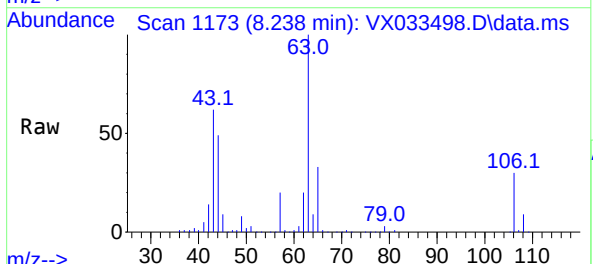
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

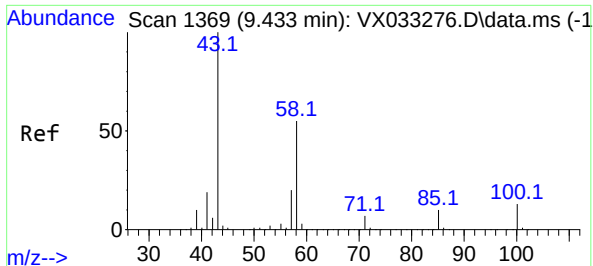
Tgt Ion: 76 Resp: 120183
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 274.843 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 63 Resp: 233617
Ion Ratio Lower Upper
63 100
106 30.1 23.3 34.9





#59

2-Hexanone

Concen: 268.946 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

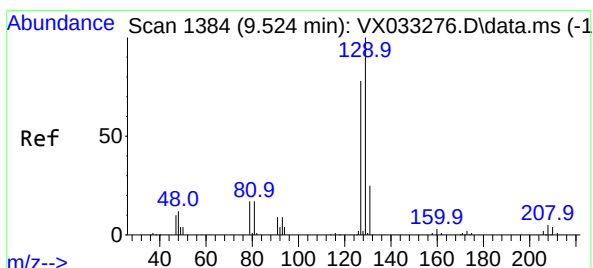
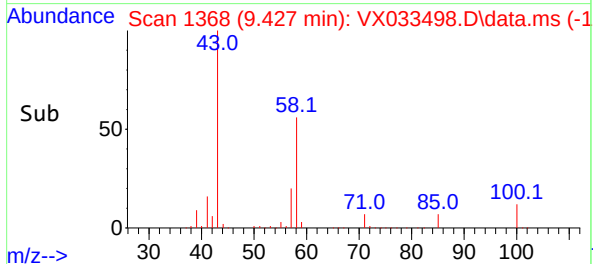
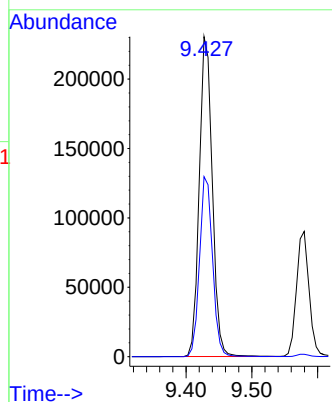
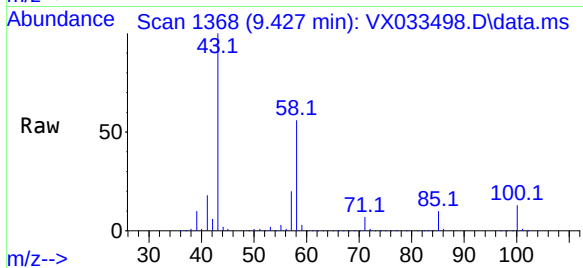
VSTDCCC050

Tgt Ion: 43 Resp: 317403

Ion Ratio Lower Upper

43 100

58 56.2 26.5 79.5



#60

Dibromochloromethane

Concen: 56.926 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033498.D

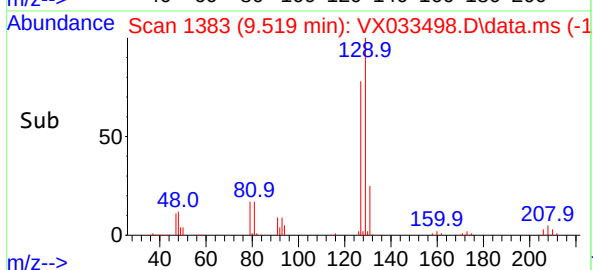
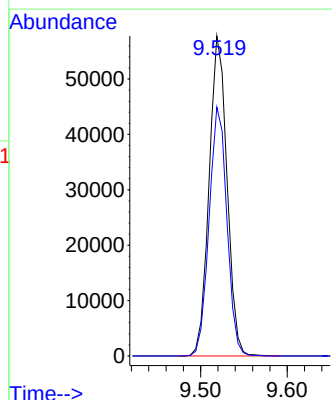
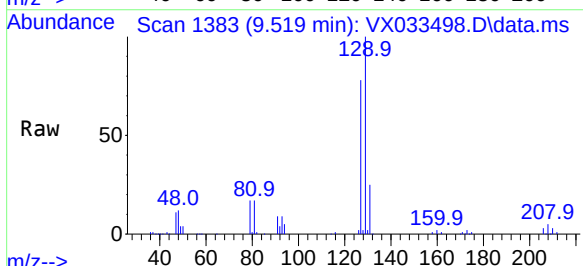
Acq: 20 Dec 2022 11:03

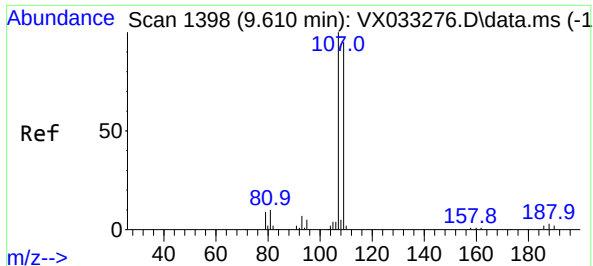
Tgt Ion: 129 Resp: 82753

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 56.771 ug/l

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

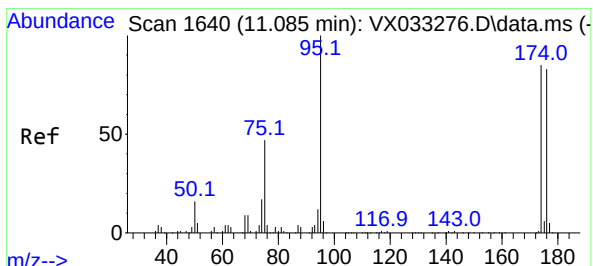
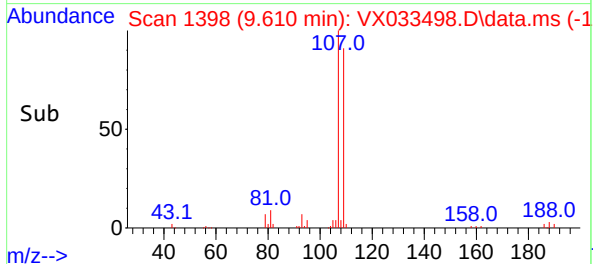
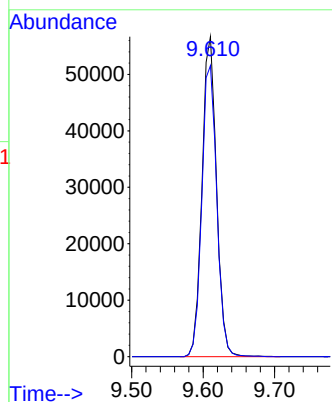
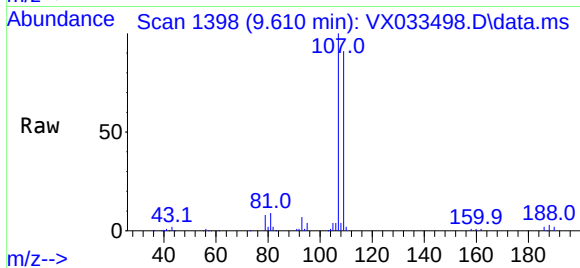
VSTDCCC050

Tgt Ion:107 Resp: 79674

Ion Ratio Lower Upper

107 100

109 93.9 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 59.587 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

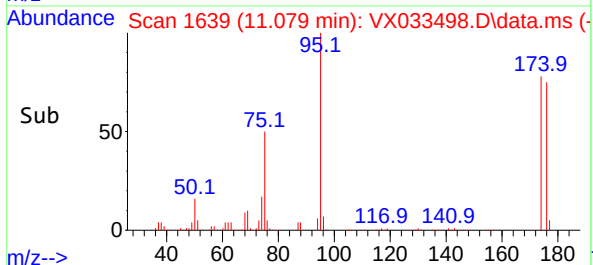
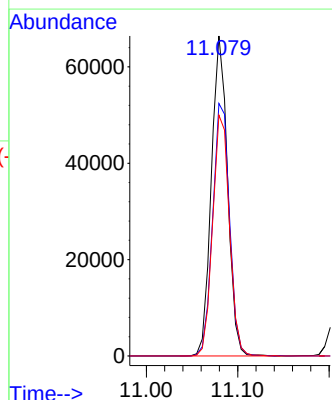
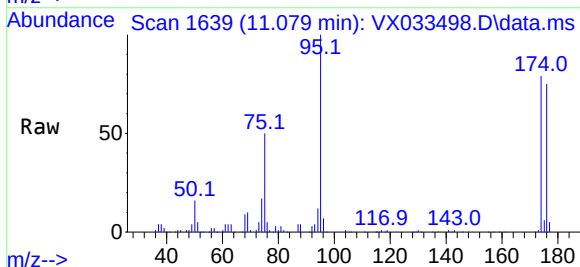
Tgt Ion: 95 Resp: 81396

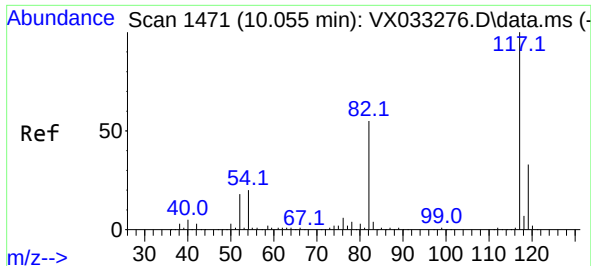
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 78.3 0.0 154.4

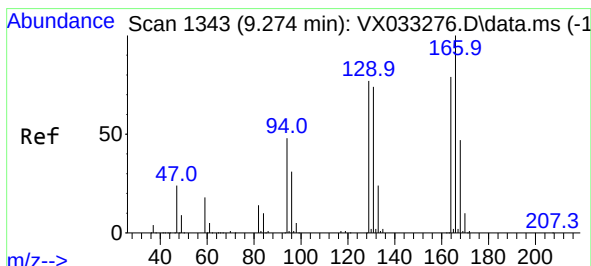
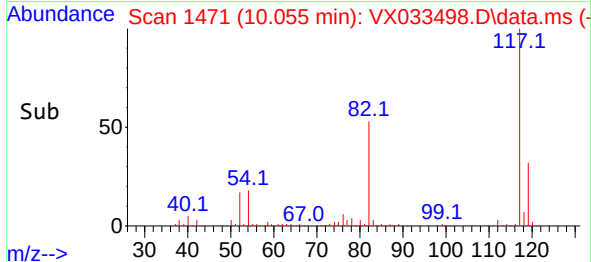
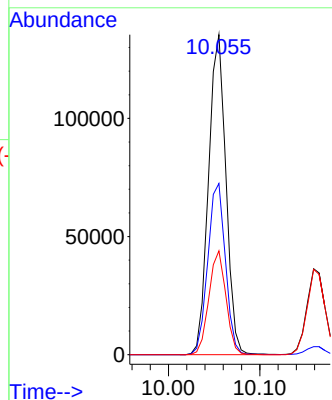
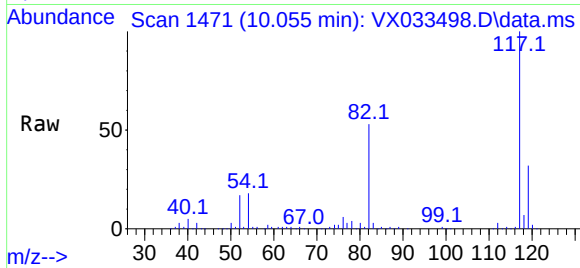




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

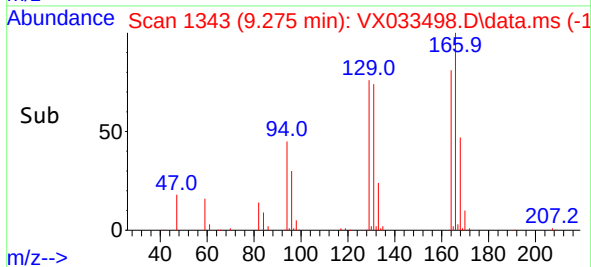
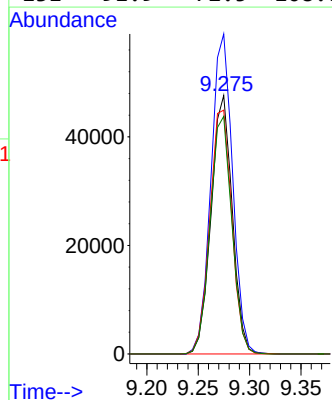
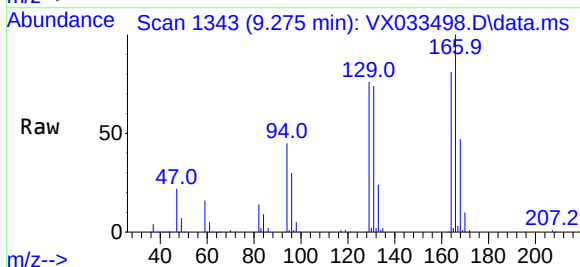
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

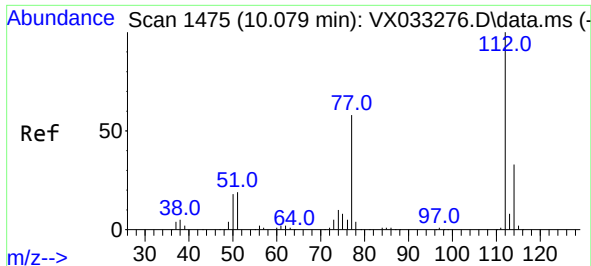
Tgt Ion:117 Resp: 178571
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 55.657 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:164 Resp: 67960
Ion Ratio Lower Upper
164 100
166 123.8 105.4 158.2
129 94.3 78.2 117.2
131 91.9 72.5 108.7

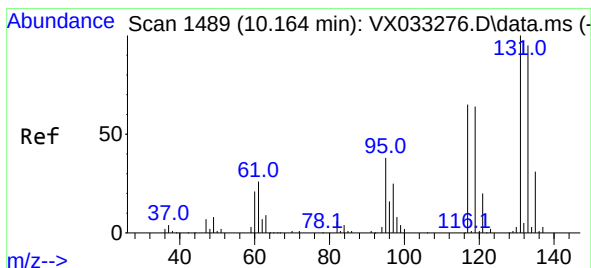
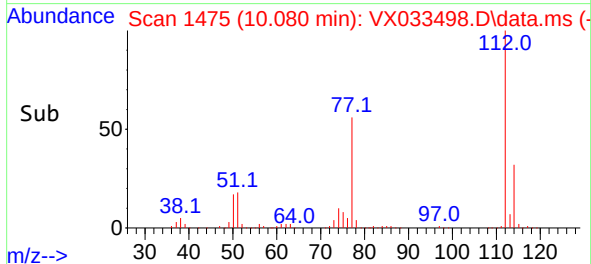
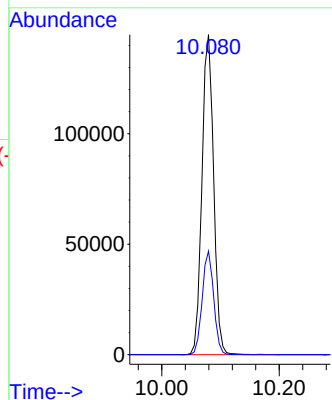
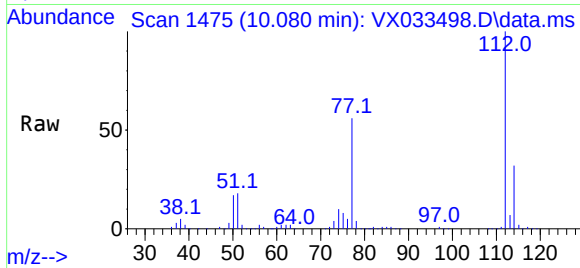




#65
Chlorobenzene
Concen: 55.376 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

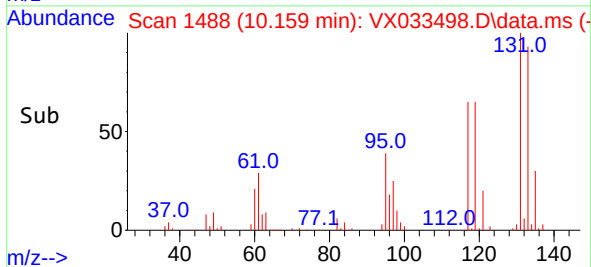
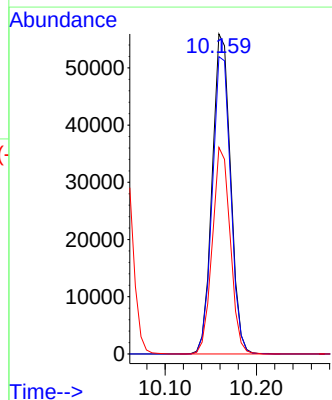
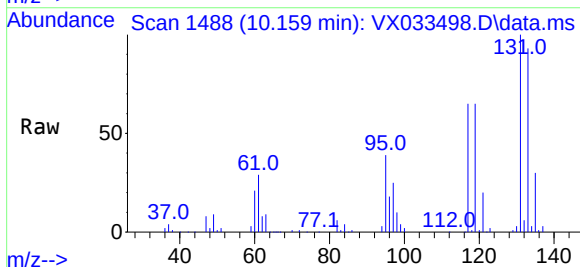
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

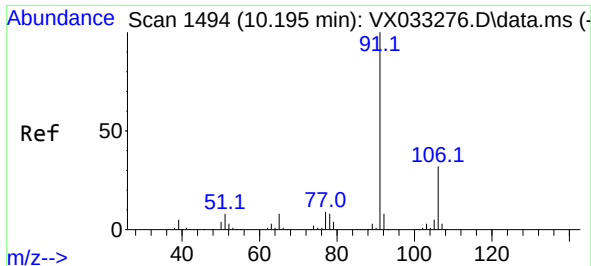
Tgt Ion:112 Resp: 200244
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.994 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:131 Resp: 77884
Ion Ratio Lower Upper
131 100
133 93.2 47.6 142.9
119 63.0 32.4 97.0

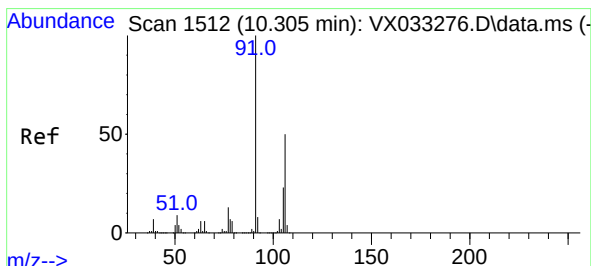
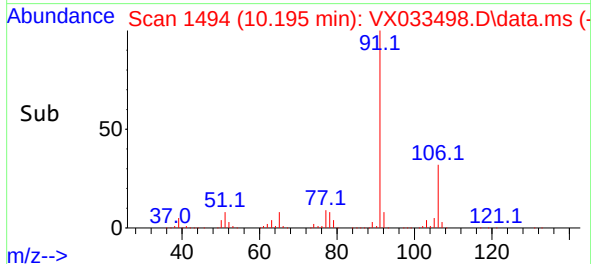
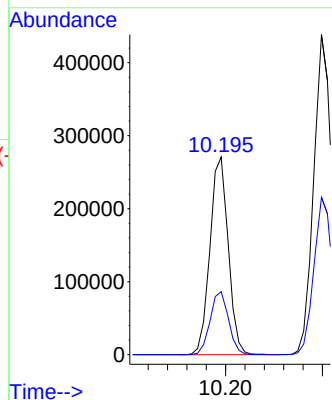
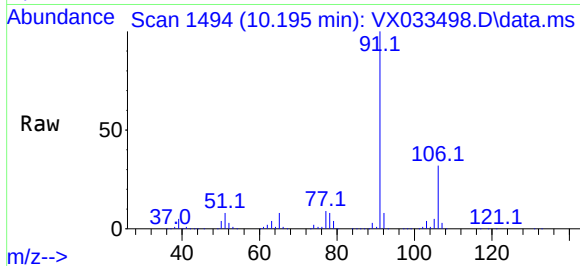




#67
Ethyl Benzene
Concen: 56.516 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

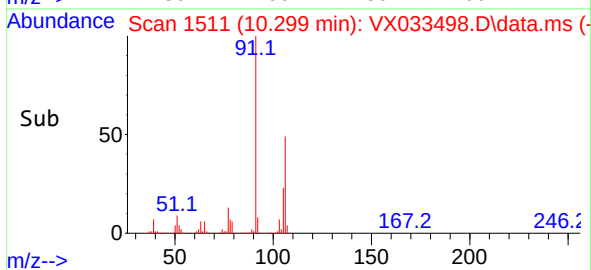
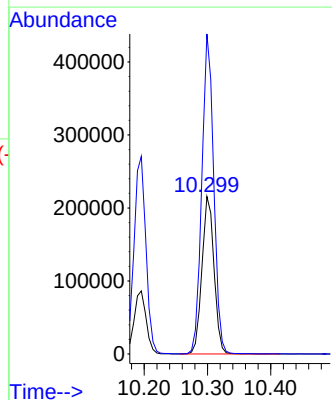
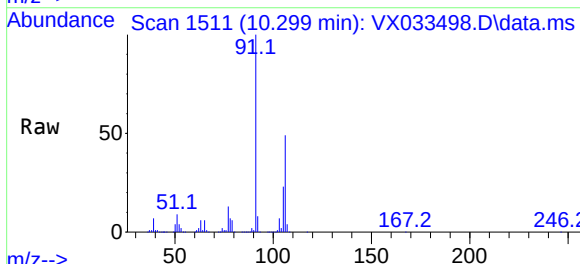
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

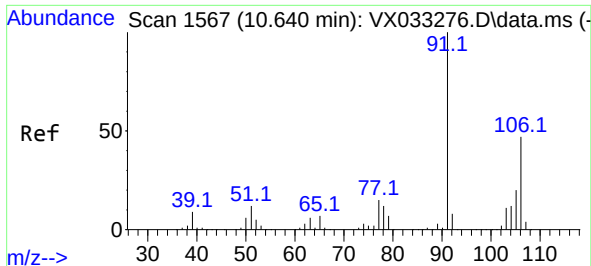
Tgt Ion: 91 Resp: 356034
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6



#68
m/p-Xylenes
Concen: 117.100 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:106 Resp: 287017
Ion Ratio Lower Upper
106 100
91 199.7 164.5 246.7

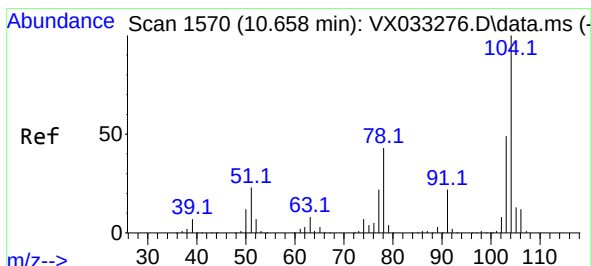
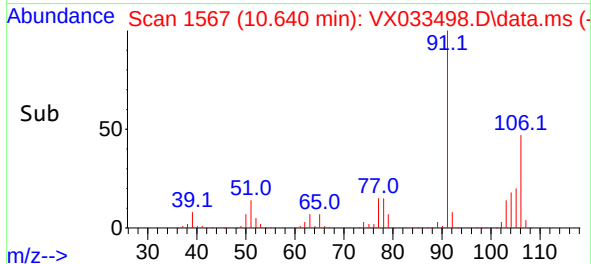
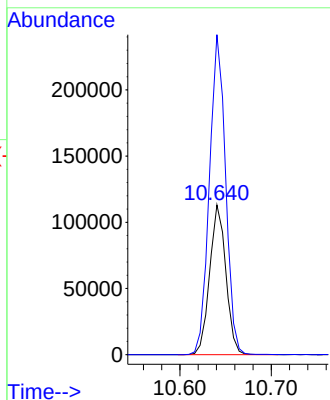
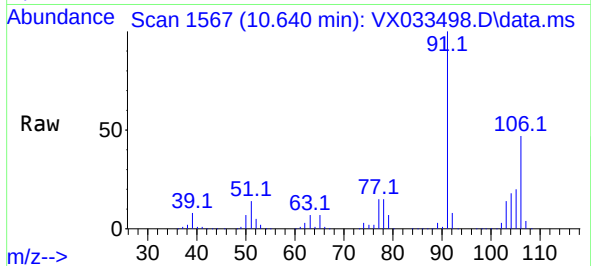




#69
o-Xylene
Concen: 57.331 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

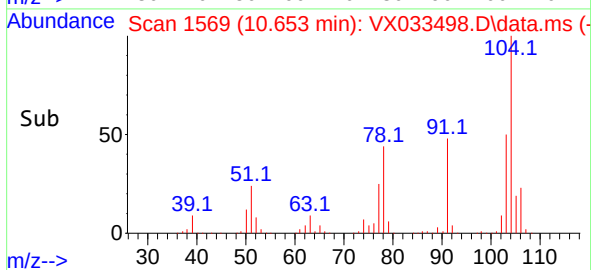
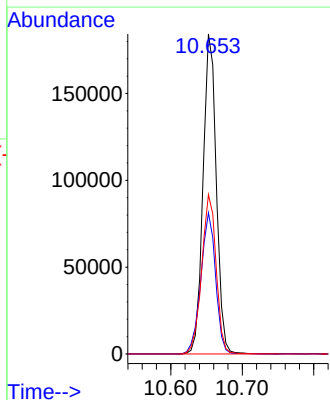
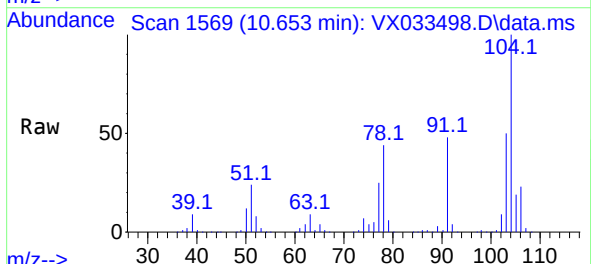
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

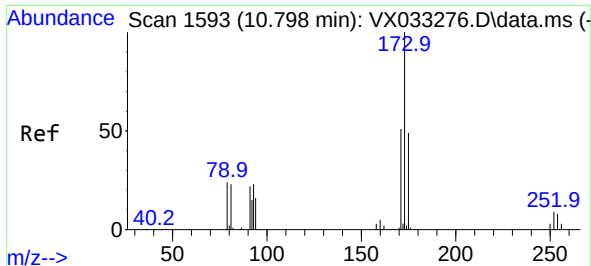
Tgt Ion:106 Resp: 138895
Ion Ratio Lower Upper
106 100
91 213.3 109.2 327.6



#70
Styrene
Concen: 59.956 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:104 Resp: 237895
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 54.4 44.5 66.7

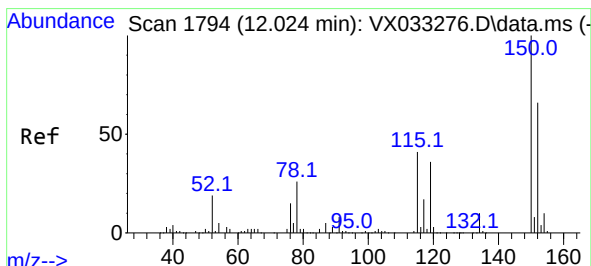
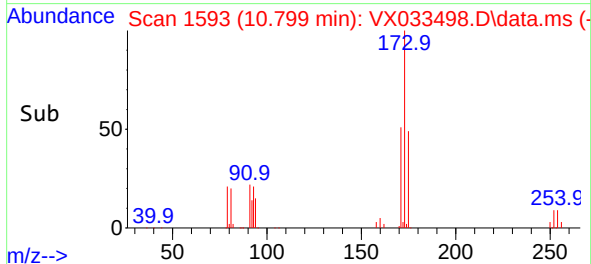
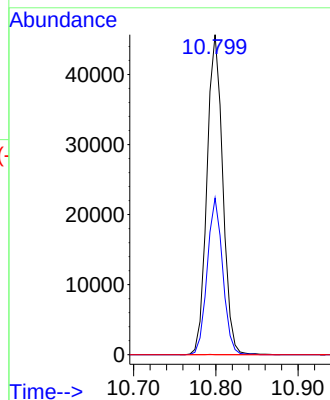
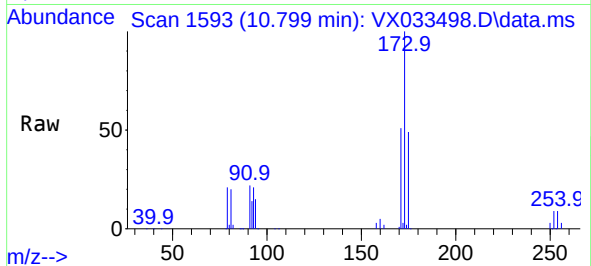




#71
Bromoform
Concen: 56.323 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

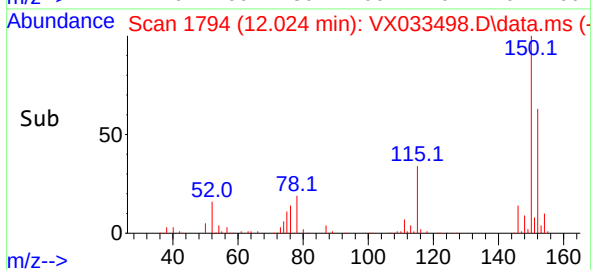
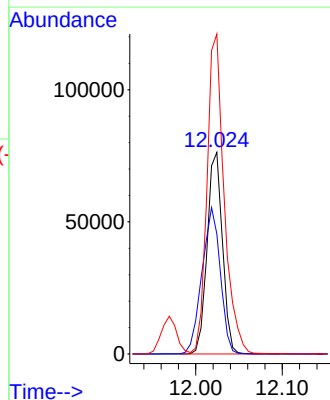
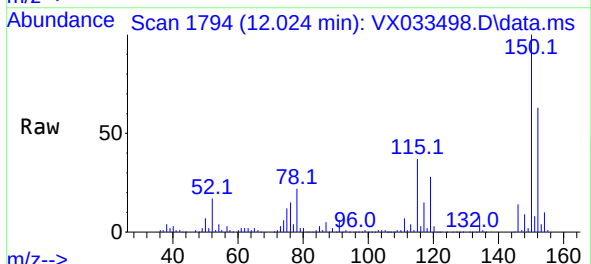
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

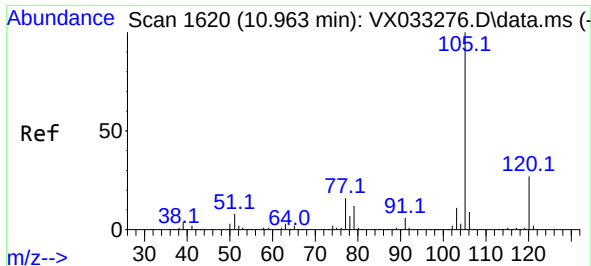
Tgt Ion:173 Resp: 60923
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:152 Resp: 93840
Ion Ratio Lower Upper
152 100
115 86.6 44.0 132.0
150 177.1 0.0 351.8

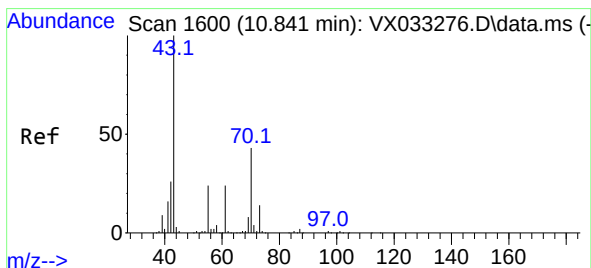
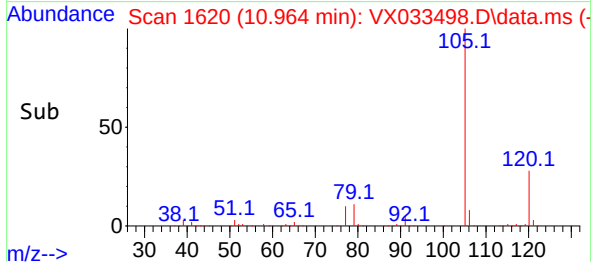
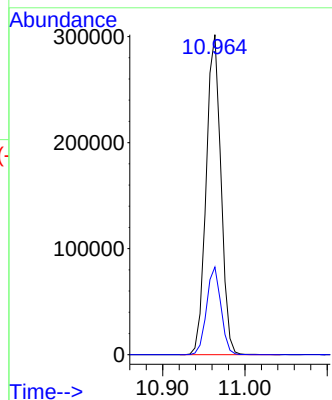
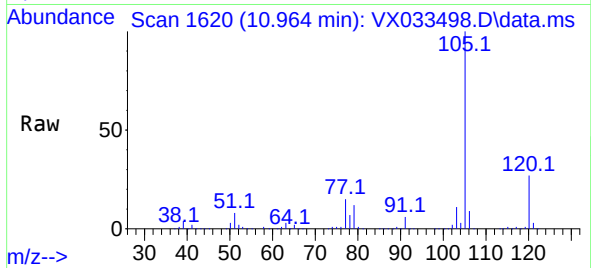




#73
Isopropylbenzene
Concen: 55.278 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

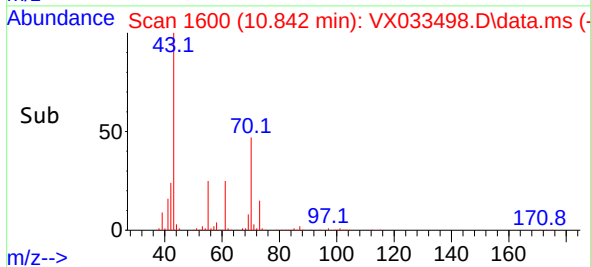
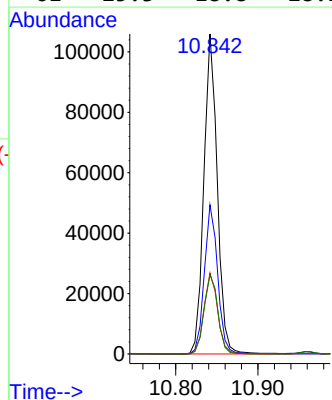
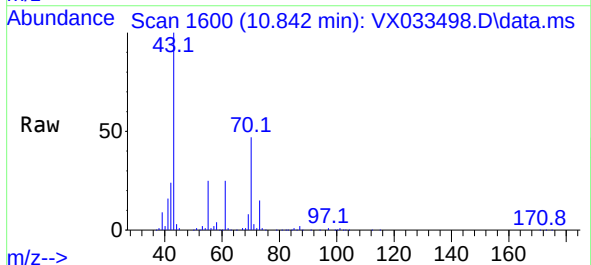
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

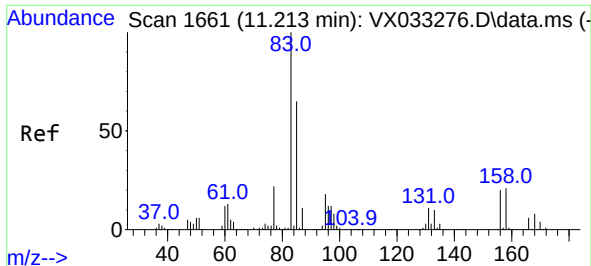
Tgt Ion:105 Resp: 375978
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 51.754 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 43 Resp: 120099
Ion Ratio Lower Upper
43 100
70 46.5 33.6 50.4
55 25.8 19.4 29.2
61 25.3 18.8 28.2

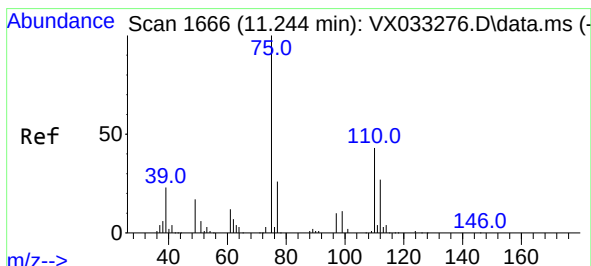
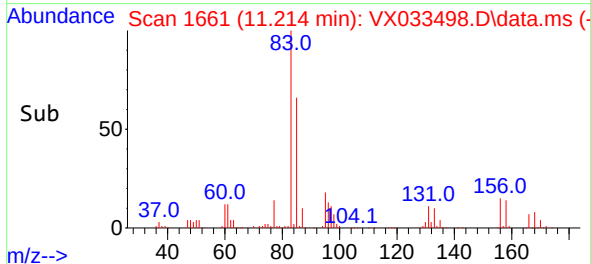
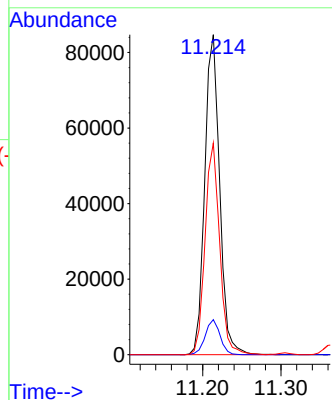
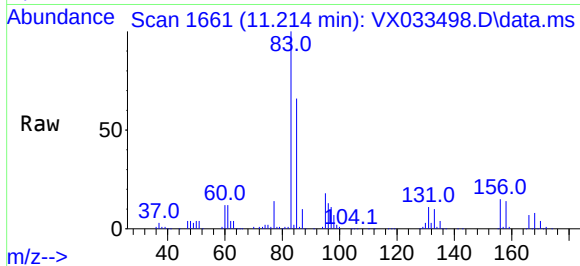




#75
1,1,2,2-Tetrachloroethane
Concen: 51.683 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

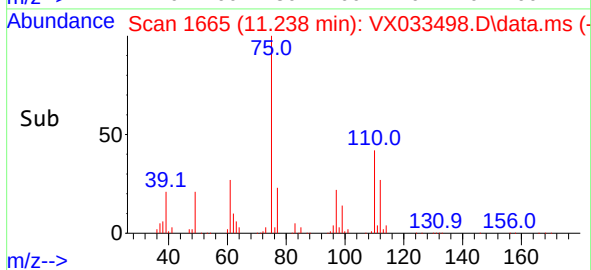
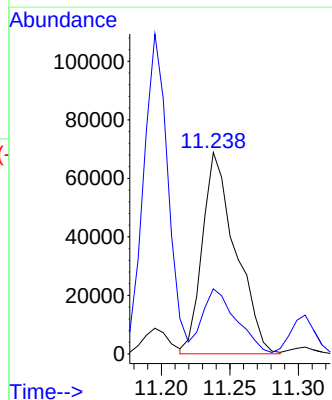
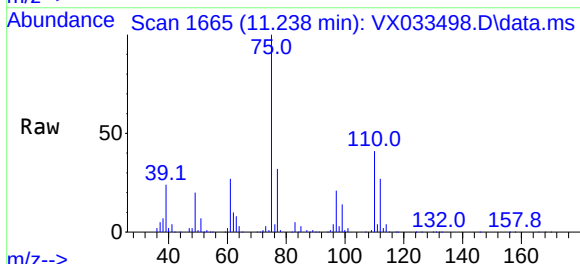
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

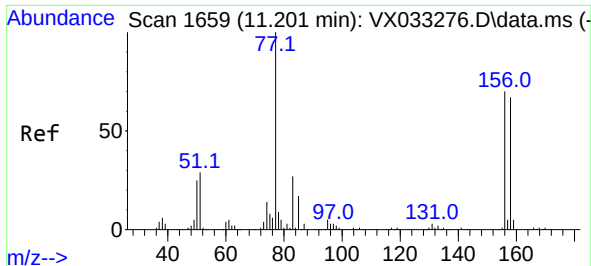
Tgt Ion: 83 Resp: 111520
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.9 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 60.948 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 75 Resp: 116361
Ion Ratio Lower Upper
75 100
77 33.0 20.0 60.0

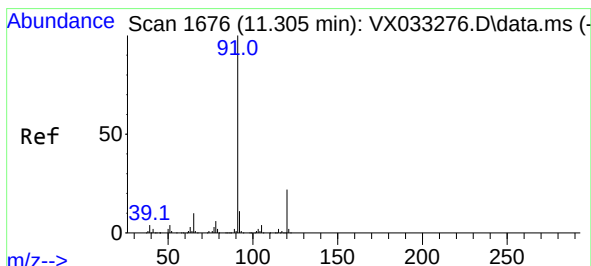
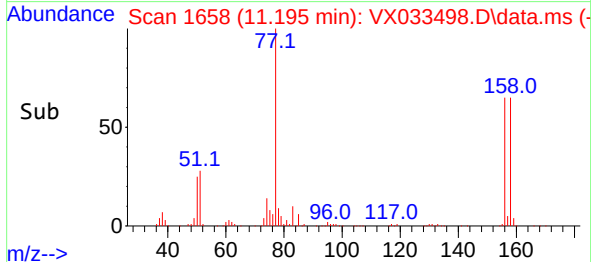
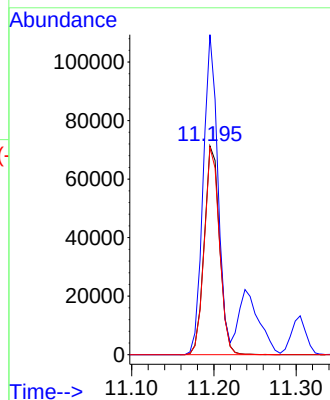
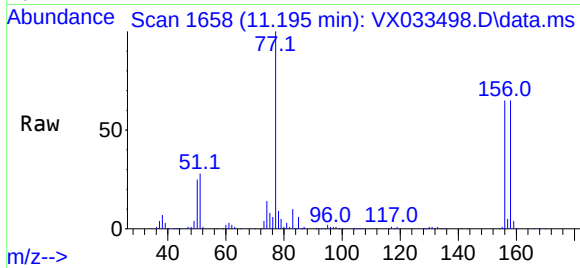




#77
Bromobenzene
Concen: 53.732 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

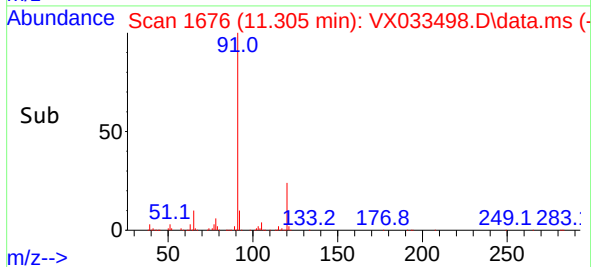
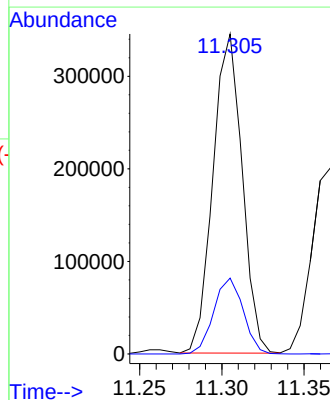
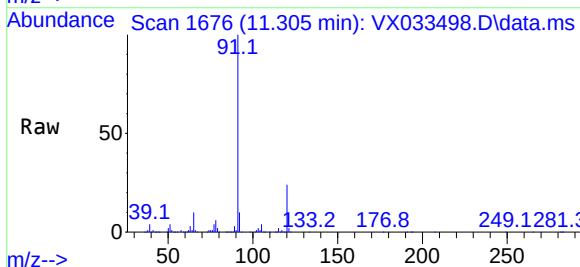
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

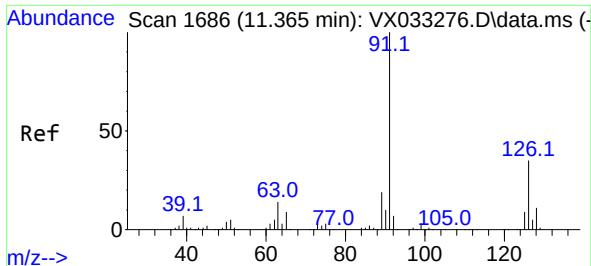
Tgt Ion:156 Resp: 92286
Ion Ratio Lower Upper
156 100
77 146.9 76.1 228.4
158 97.7 48.8 146.3



#78
n-propylbenzene
Concen: 56.082 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 91 Resp: 425921
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8

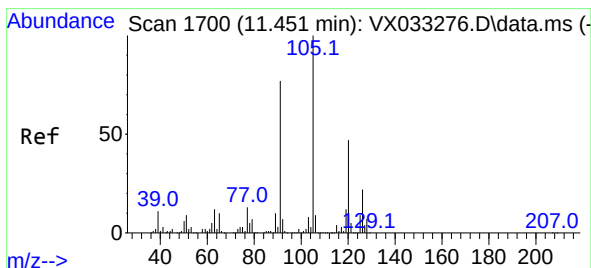
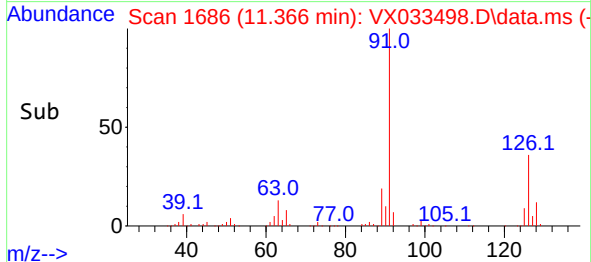
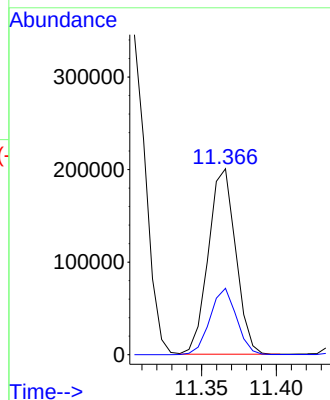
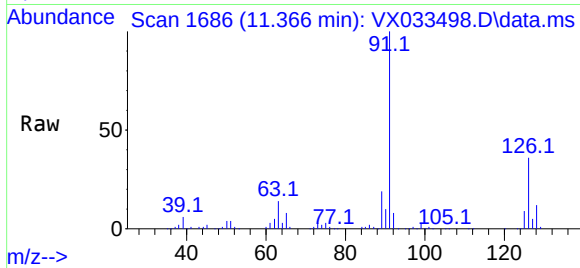




#79
2-Chlorotoluene
Concen: 54.424 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

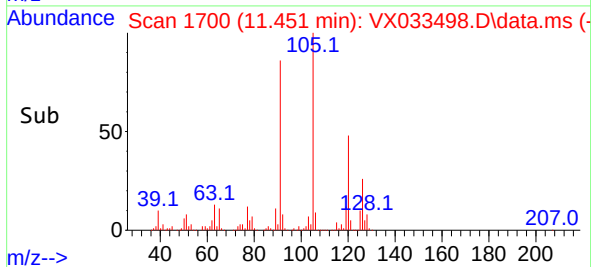
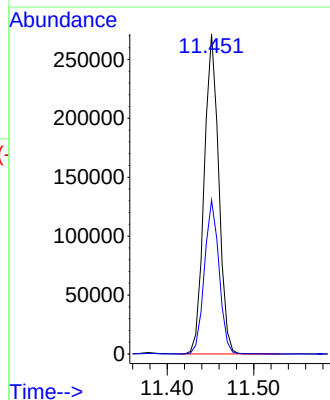
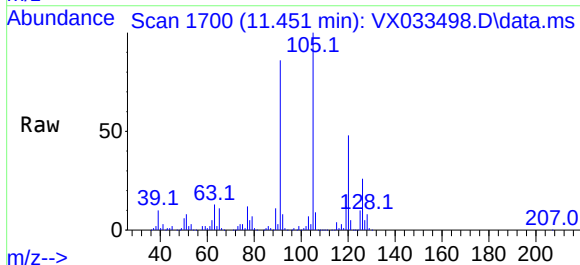
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

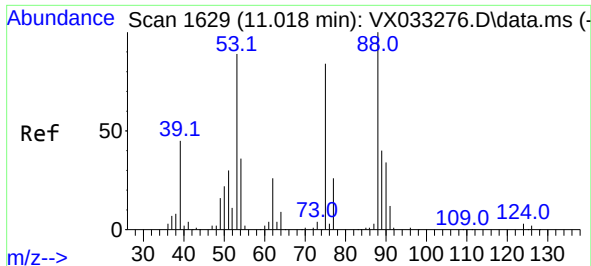
Tgt Ion: 91 Resp: 255443
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 55.878 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 105 Resp: 316366
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0

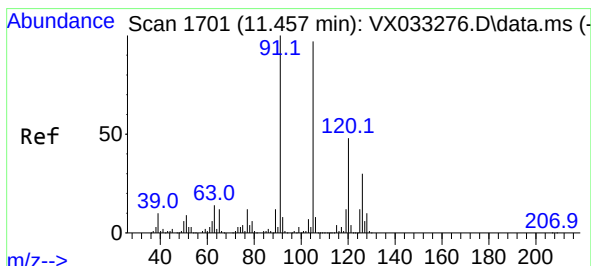
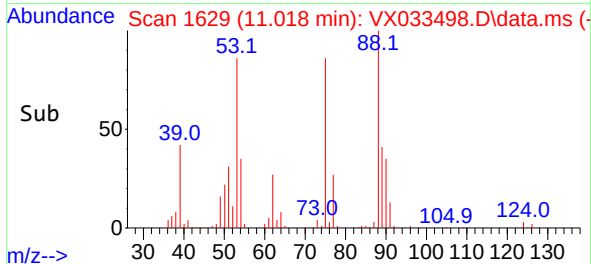
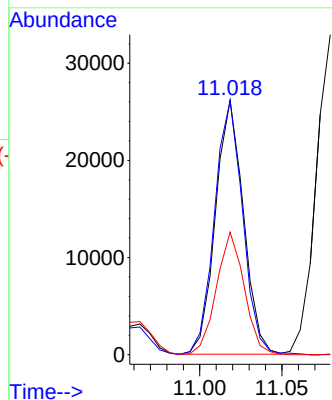
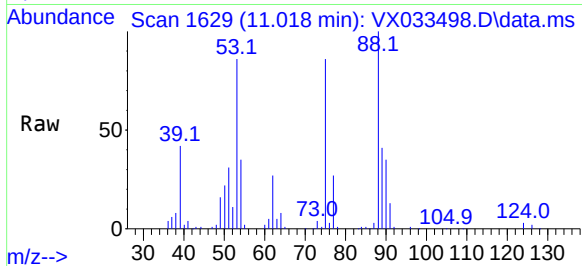




#81
trans-1,4-Dichloro-2-butene
Concen: 50.401 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

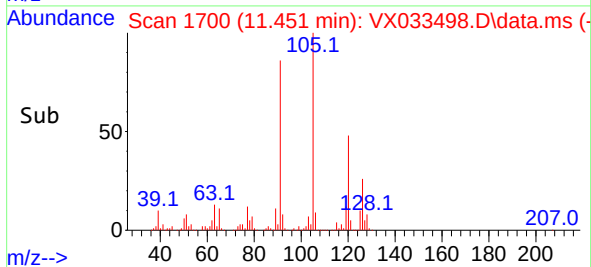
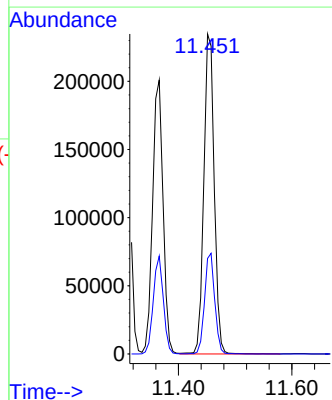
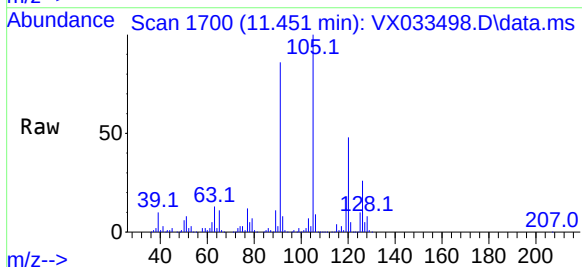
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

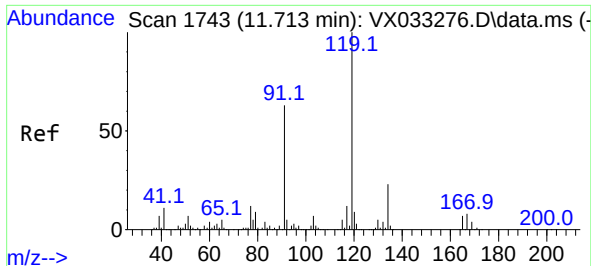
Tgt Ion: 75 Resp: 30934
Ion Ratio Lower Upper
75 100
53 101.0 86.9 130.3
89 48.0 38.3 57.5



#82
4-Chlorotoluene
Concen: 54.461 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 91 Resp: 297226
Ion Ratio Lower Upper
91 100
126 30.9 14.8 44.4

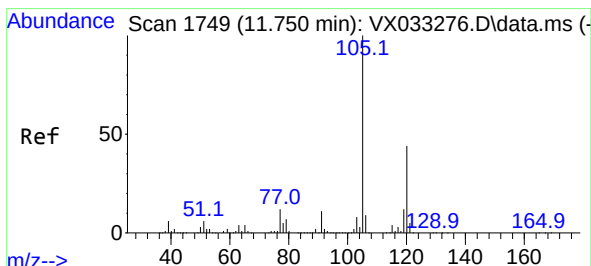
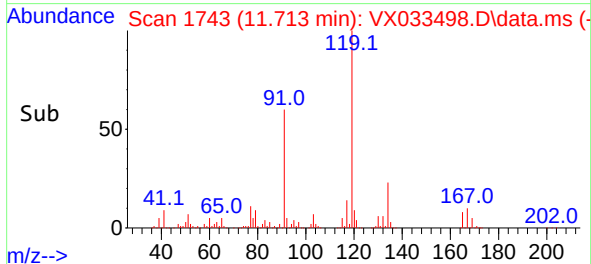
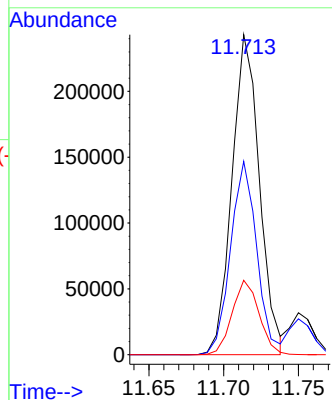
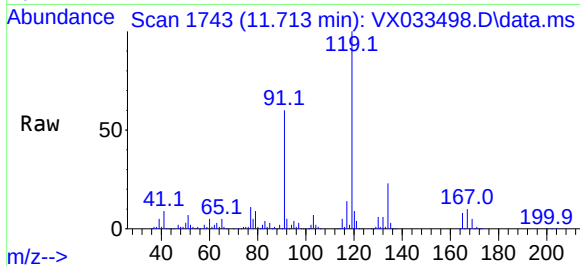




#83
tert-Butylbenzene
Concen: 54.986 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

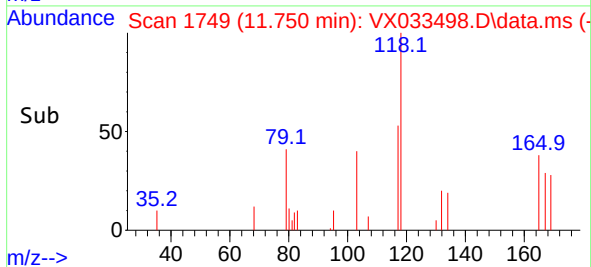
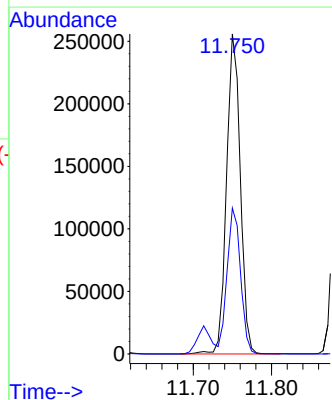
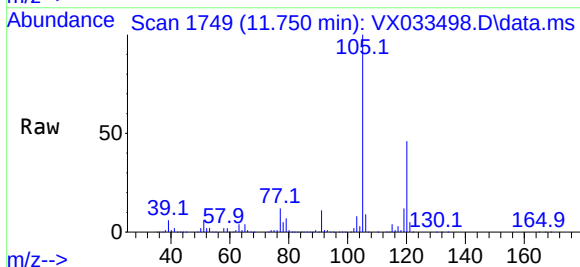
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

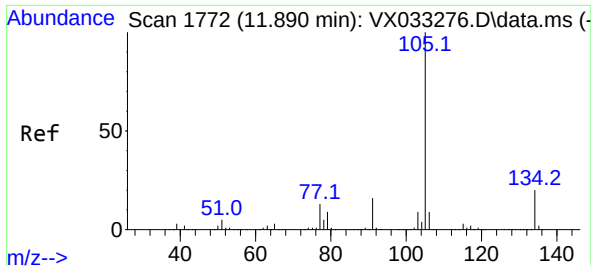
Tgt Ion:119 Resp: 310439
Ion Ratio Lower Upper
119 100
91 57.8 29.4 88.2
134 22.8 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 55.336 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:105 Resp: 312734
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.5

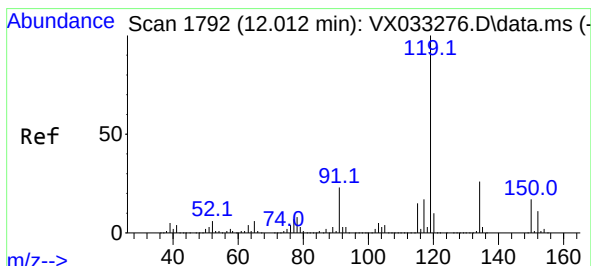
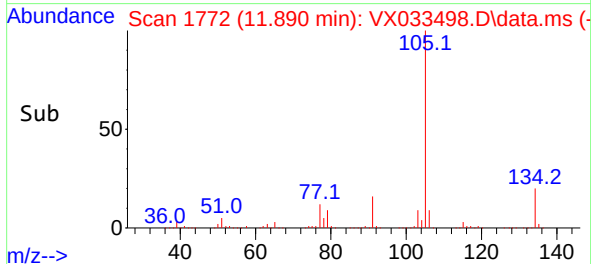
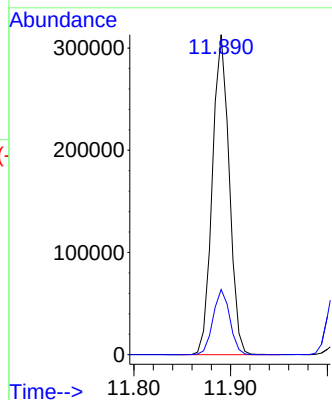
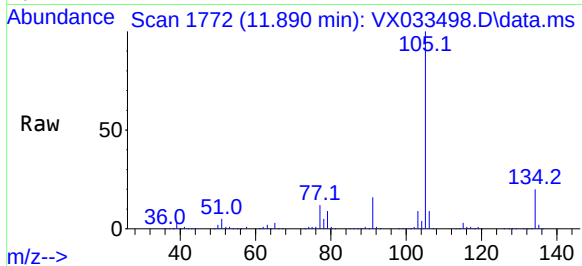




#85
 sec-Butylbenzene
 Concen: 57.491 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03

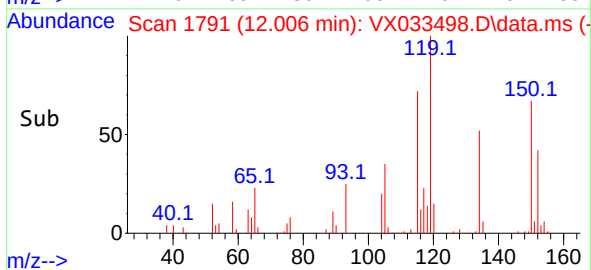
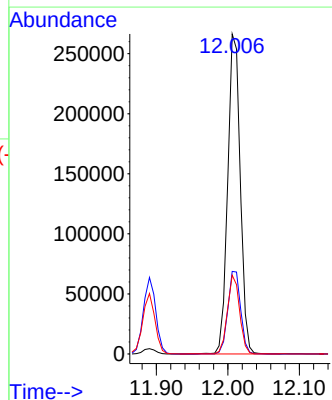
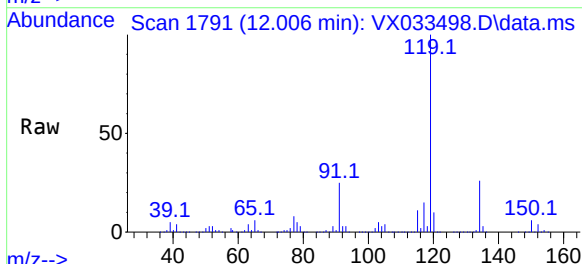
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

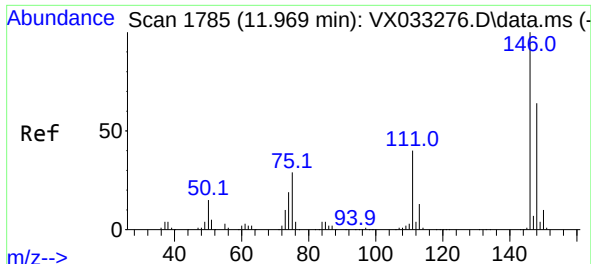
Tgt Ion:105 Resp: 378701
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 57.154 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03

Tgt Ion:119 Resp: 324582
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.9 12.5 37.5

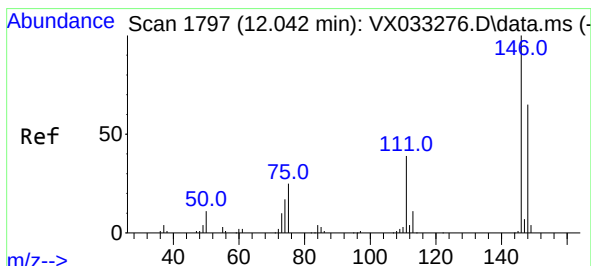
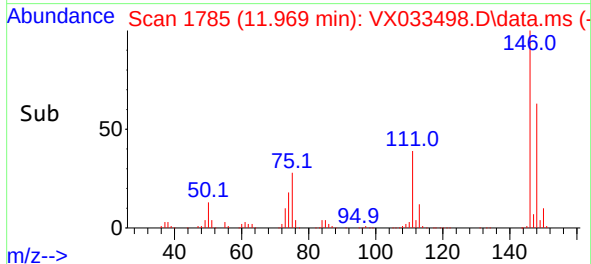
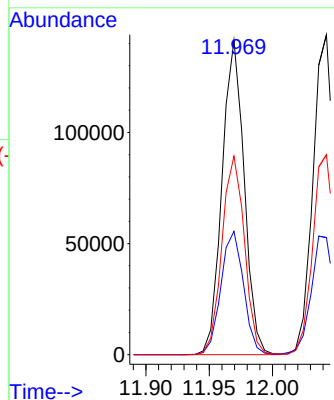
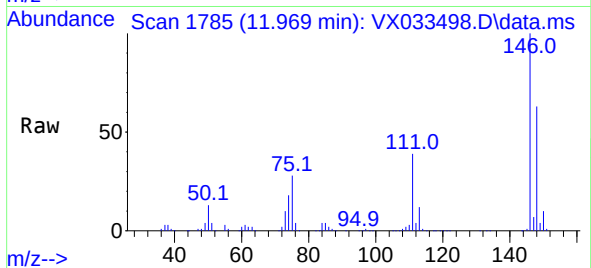




#87
1,3-Dichlorobenzene
Concen: 55.212 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

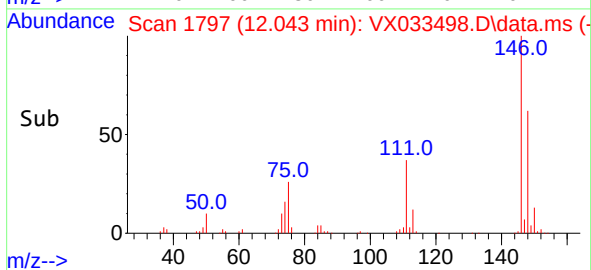
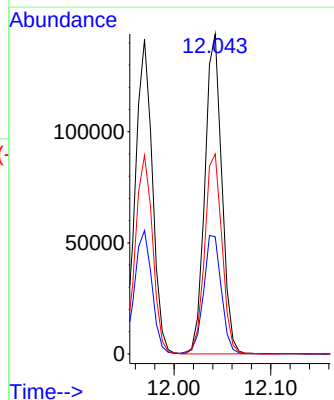
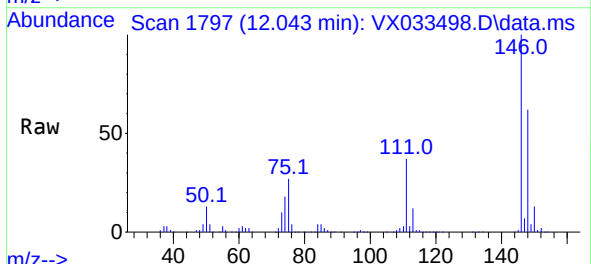
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

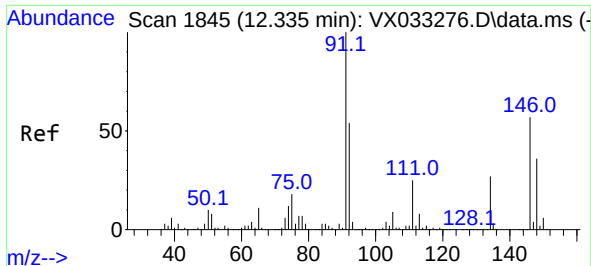
Tgt Ion:146 Resp: 171778
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 64.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 55.077 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:146 Resp: 175031
Ion Ratio Lower Upper
146 100
111 39.2 20.5 61.6
148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 58.712 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

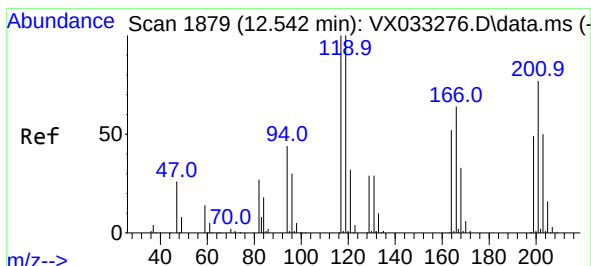
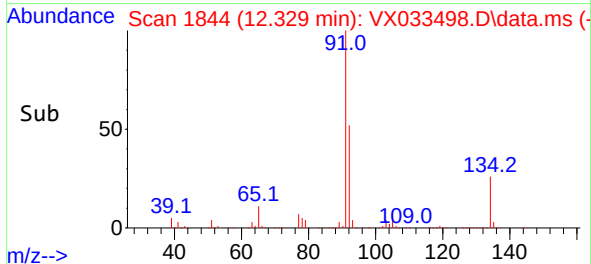
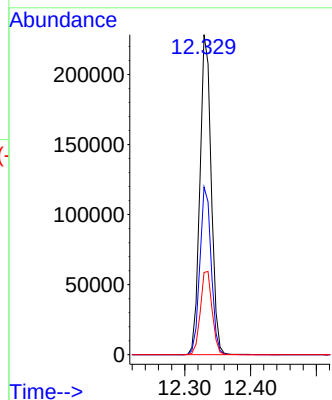
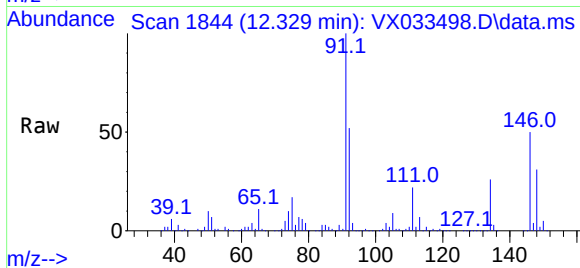
Tgt Ion: 91 Resp: 273093

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 27.0 12.9 38.6



#90

Hexachloroethane

Concen: 53.848 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033498.D

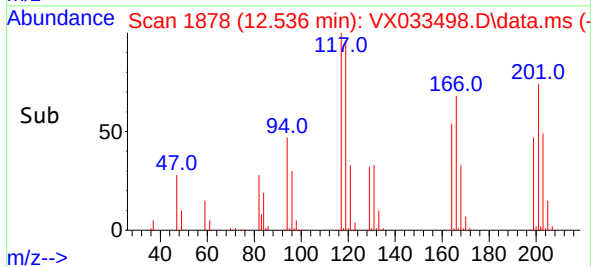
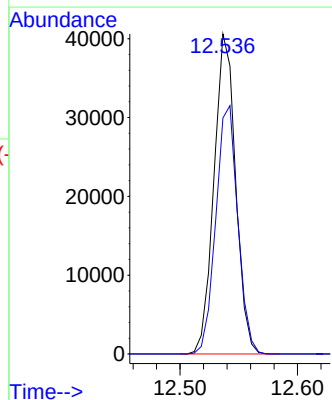
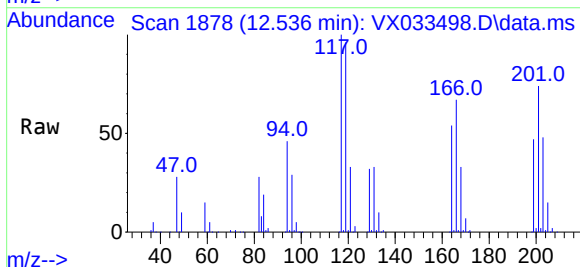
Acq: 20 Dec 2022 11:03

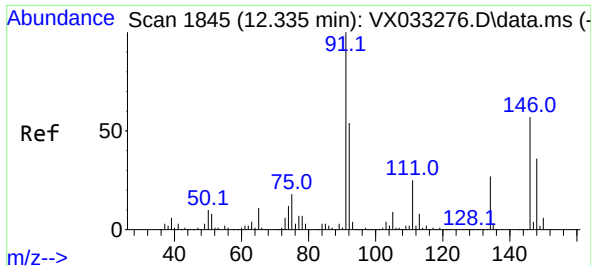
Tgt Ion: 117 Resp: 51981

Ion Ratio Lower Upper

117 100

201 78.9 37.6 112.9

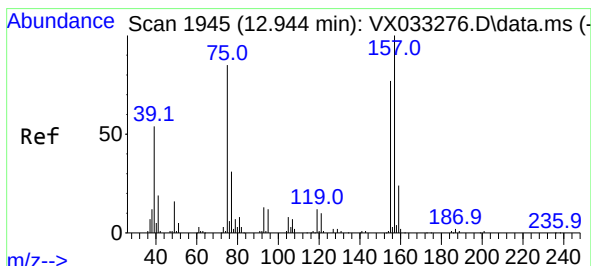
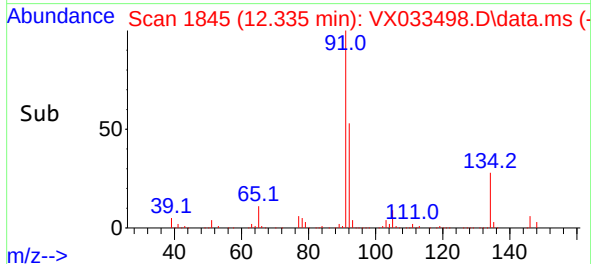
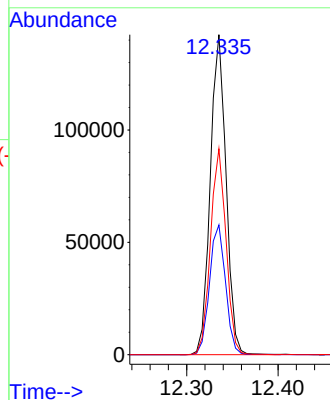
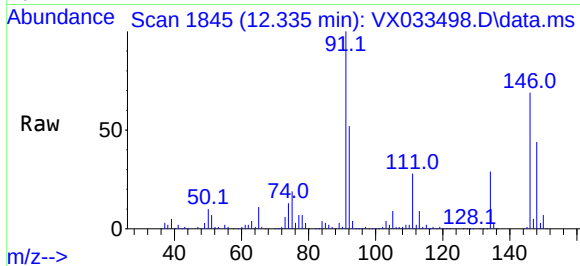




#91
1,2-Dichlorobenzene
Concen: 54.712 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

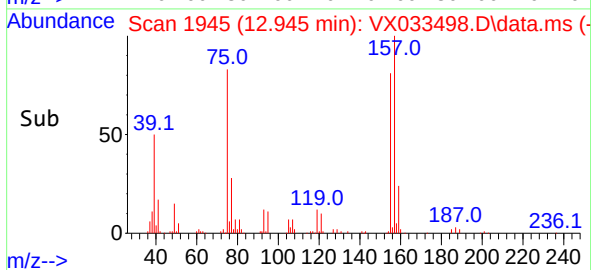
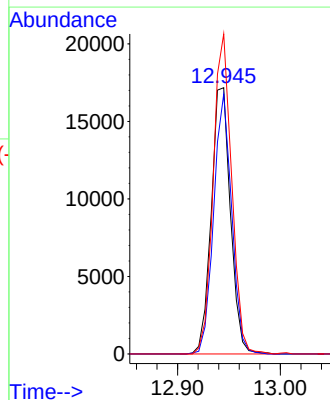
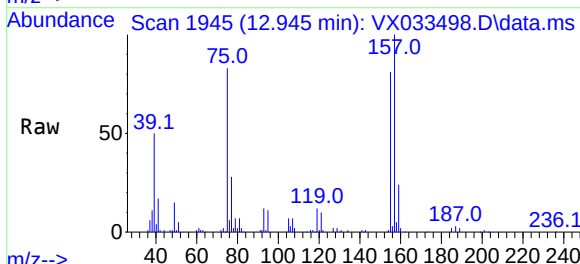
Instrument :
MSVOA_X
ClientSampleId :
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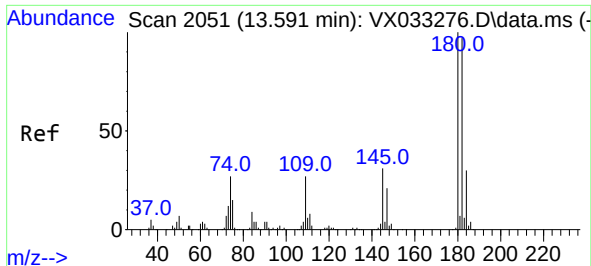
Tgt Ion:146 Resp: 170183
Ion Ratio Lower Upper
146 100
111 41.2 21.5 64.5
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.706 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 75 Resp: 22235
Ion Ratio Lower Upper
75 100
155 91.6 41.6 124.8
157 115.6 54.1 162.4

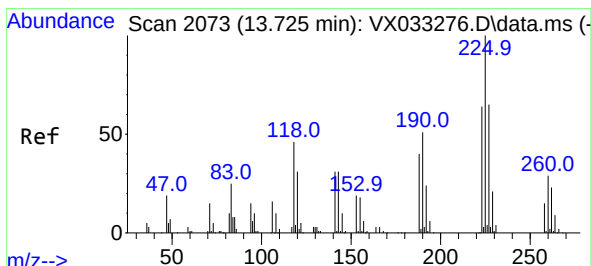
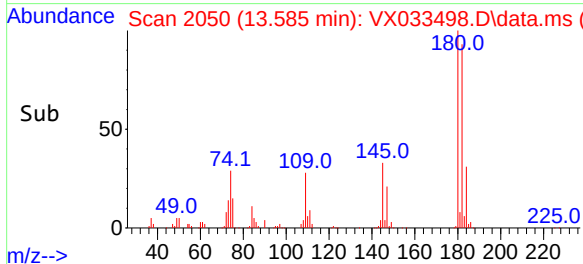
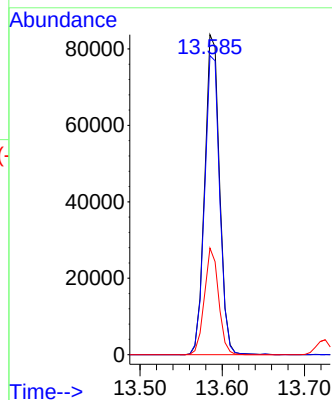
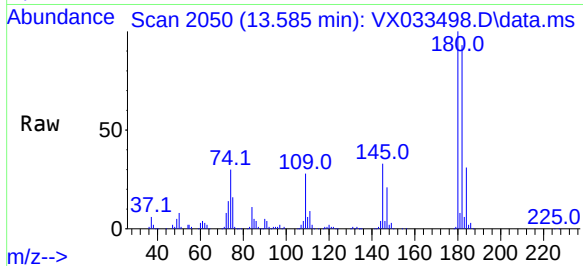




#93
1,2,4-Trichlorobenzene
Concen: 55.826 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

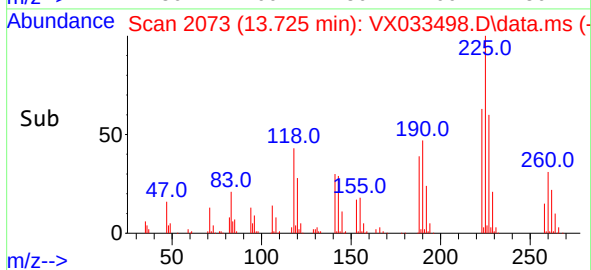
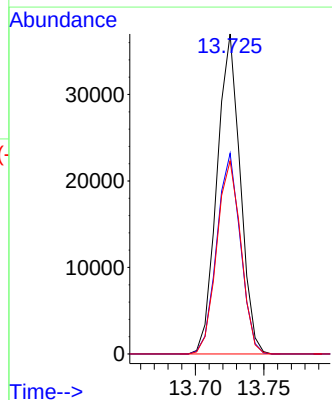
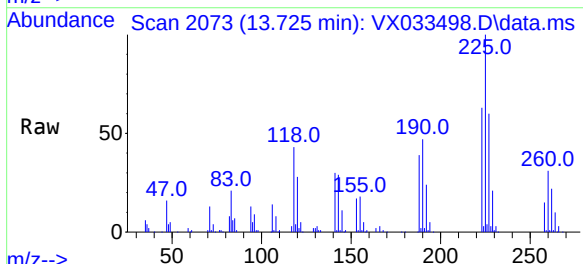
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

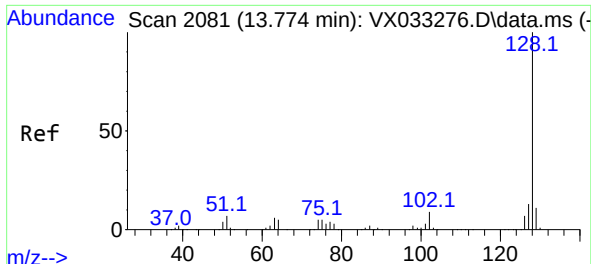
Tgt Ion:180 Resp: 104874
Ion Ratio Lower Upper
180 100
182 94.8 48.4 145.0
145 31.8 16.2 48.5



#94
Hexachlorobutadiene
Concen: 57.952 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:225 Resp: 43595
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 62.3 31.9 95.5

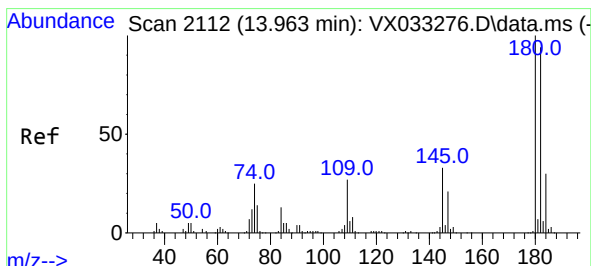
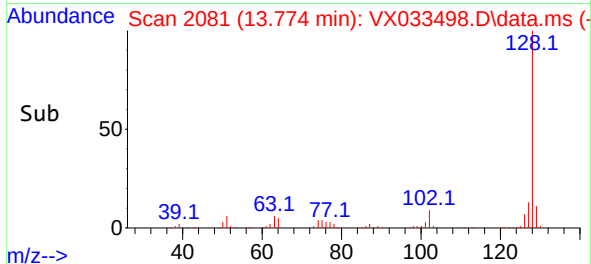
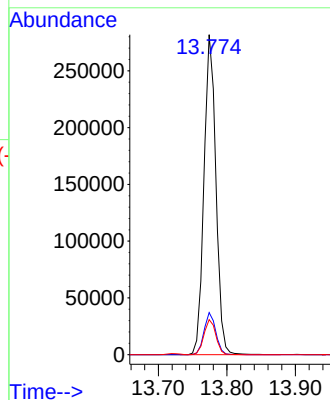
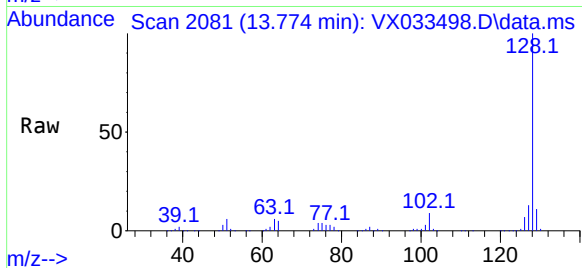




#95
Naphthalene
Concen: 54.534 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	341730
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.922 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:	180	Resp:	104495
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	32.9	16.9	50.6

