

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028167.D
 Acq On : 19 Apr 2022 18:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 20 08:17:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	422549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	638427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	590213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	347403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220714	40.060	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	80.120%
35) Dibromofluoromethane	5.385	113	206333	46.085	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.160%
50) Toluene-d8	8.653	98	751105	43.679	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.360%
62) 4-Bromofluorobenzene	11.079	95	287297	43.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119047	43.644	ug/l	100
3) Chloromethane	1.288	50	153821	56.239	ug/l	98
4) Vinyl Chloride	1.374	62	189432	44.470	ug/l	99
5) Bromomethane	1.599	94	148274	36.928	ug/l	98
6) Chloroethane	1.685	64	125070	40.383	ug/l	97
7) Trichlorofluoromethane	1.886	101	359511	38.272	ug/l	96
8) Diethyl Ether	2.130	74	123664	43.407	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	185607	54.243	ug/l	97
10) Methyl Iodide	2.453	142	248308	52.741	ug/l	98
11) Tert butyl alcohol	2.965	59	203848	190.849	ug/l	99
12) 1,1-Dichloroethene	2.319	96	171346	52.764	ug/l	93
13) Acrolein	2.233	56	149997	222.144	ug/l	99
14) Allyl chloride	2.666	41	234655	43.064	ug/l	93
15) Acrylonitrile	3.062	53	444360	197.912	ug/l	99
16) Acetone	2.373	43	362577	215.268	ug/l	96
17) Carbon Disulfide	2.514	76	414347	47.381	ug/l	99
18) Methyl Acetate	2.703	43	197311	40.279	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	601806	44.441	ug/l	97
20) Methylene Chloride	2.788	84	190839	46.683	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	194581	44.059	ug/l	90
22) Diisopropyl ether	3.757	45	489173	39.415	ug/l #	82
23) Vinyl Acetate	3.721	43	2187748	201.771	ug/l	97
24) 1,1-Dichloroethane	3.611	63	313559	42.788	ug/l	98
25) 2-Butanone	4.550	43	602013	184.499	ug/l	98
26) 2,2-Dichloropropane	4.477	77	303124	42.365	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	230727	43.815	ug/l	89
28) Bromochloromethane	4.897	49	119099	37.881	ug/l #	78
29) Tetrahydrofuran	5.001	42	382965	180.001	ug/l	98
30) Chloroform	5.099	83	357031	40.569	ug/l	97
31) Cyclohexane	5.470	56	270656	40.321	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	336275	42.197	ug/l	96
36) 1,1-Dichloropropene	5.690	75	254533	43.583	ug/l	95
37) Ethyl Acetate	4.714	43	238787	40.295	ug/l	99
38) Carbon Tetrachloride	5.678	117	304081	46.123	ug/l	99
39) Methylcyclohexane	7.379	83	325214	44.134	ug/l	95
40) Benzene	6.037	78	742300	43.421	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028167.D
 Acq On : 19 Apr 2022 18:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 20 08:17:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	125245	40.965	ug/l	98
42) 1,2-Dichloroethane	6.086	62	260667	41.076	ug/l	98
43) Isopropyl Acetate	6.336	43	393432	40.794	ug/l	98
44) Trichloroethene	7.129	130	239432	48.297	ug/l	93
45) 1,2-Dichloropropane	7.433	63	178511	42.660	ug/l	99
46) Dibromomethane	7.580	93	145764	44.406	ug/l	96
47) Bromodichloromethane	7.824	83	268013	42.482	ug/l	100
48) Methyl methacrylate	7.690	41	180450	40.753	ug/l	94
49) 1,4-Dioxane	7.659	88	85877	724.978	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	1210641	195.613	ug/l	97
52) Toluene	8.720	92	514433	43.314	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	299160	44.618	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	318130	44.184	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	210767	43.677	ug/l	98
56) Ethyl methacrylate	9.116	69	304781	43.571	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	329272	42.275	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	736678	224.459	ug/l #	89
59) 2-Hexanone	9.433	43	936870	195.423	ug/l	96
60) Dibromochloromethane	9.525	129	237690	45.182	ug/l	96
61) 1,2-Dibromoethane	9.610	107	233482	44.103	ug/l	99
64) Tetrachloroethene	9.275	164	227707	49.393	ug/l	97
65) Chlorobenzene	10.079	112	587697	46.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	227132	48.453	ug/l	98
67) Ethyl Benzene	10.195	91	995610	47.183	ug/l	95
68) m/p-Xylenes	10.305	106	838728	97.664	ug/l	92
69) o-Xylene	10.640	106	404984	47.299	ug/l	93
70) Styrene	10.659	104	672345	48.470	ug/l	99
71) Bromoform	10.799	173	184326	43.140	ug/l	99
73) Isopropylbenzene	10.963	105	1051400	44.032	ug/l	98
74) N-amyl acetate	10.841	43	353601	42.844	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	322154	41.576	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	357555	52.296	ug/l	89
77) Bromobenzene	11.201	156	283652	45.612	ug/l	85
78) n-propylbenzene	11.305	91	1180582	44.588	ug/l	93
79) 2-Chlorotoluene	11.366	91	702906	42.700	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	915998	45.192	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	100250	43.573	ug/l	98
82) 4-Chlorotoluene	11.457	91	820375	43.264	ug/l	92
83) tert-Butylbenzene	11.719	119	938691	45.353	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	923413	45.830	ug/l	96
85) sec-Butylbenzene	11.890	105	1142742	45.764	ug/l	95
86) p-Isopropyltoluene	12.012	119	1018132	47.263	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	550601	47.120	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	561631	45.776	ug/l	99
89) n-Butylbenzene	12.335	91	816519	46.161	ug/l	97
90) Hexachloroethane	12.542	117	161951	42.080	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	552599	47.605	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71141	41.283	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	349166	50.574	ug/l	99
94) Hexachlorobutadiene	13.725	225	145785	47.321	ug/l	95
95) Naphthalene	13.780	128	1140731	49.599	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	338261	49.914	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
Data File : VX028167.D
Acq On : 19 Apr 2022 18:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

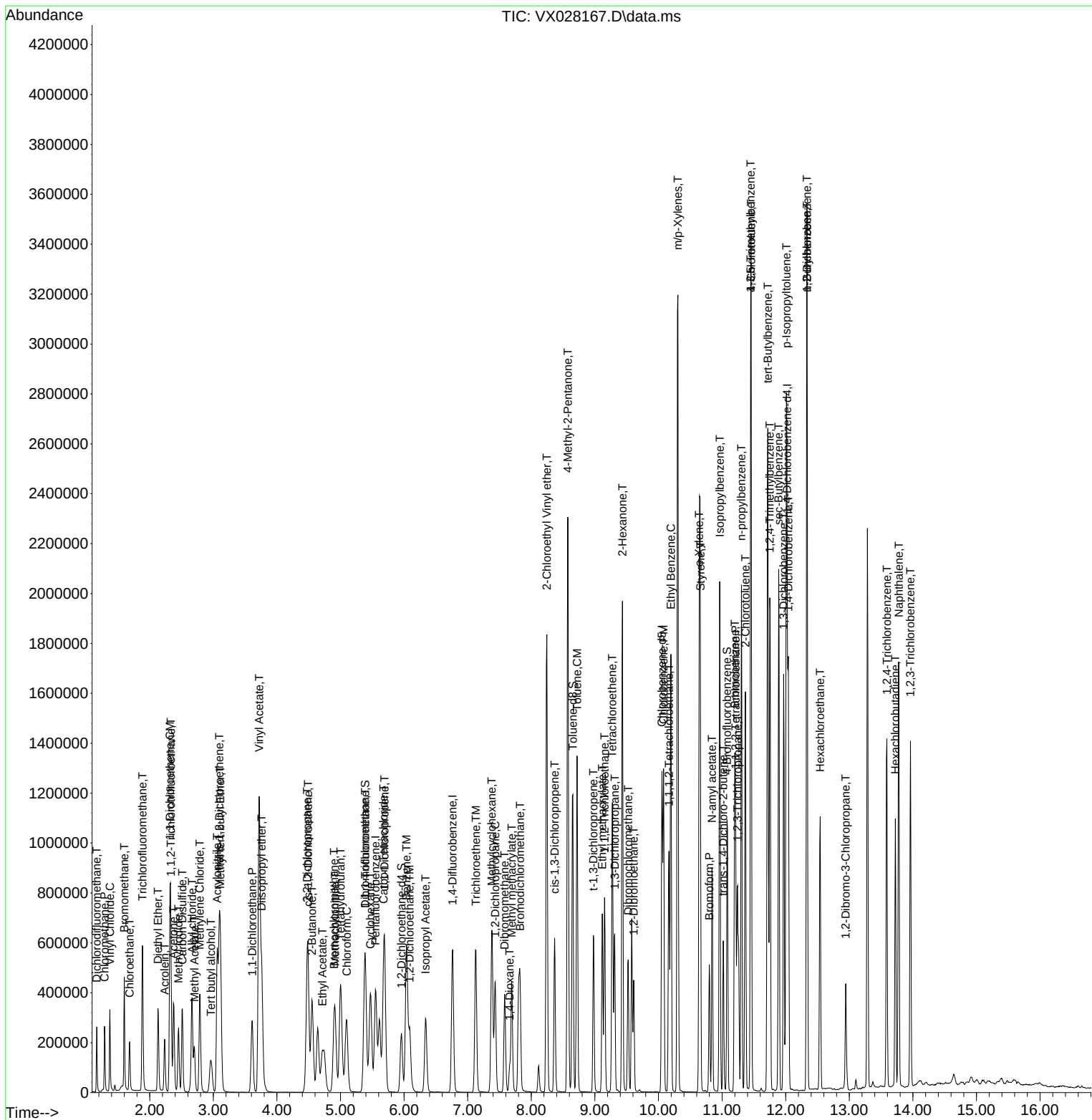
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

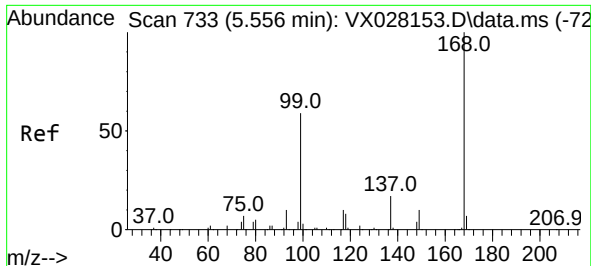
Quant Time: Apr 20 08:17:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

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

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

Quant Time: Apr 20 08:17:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

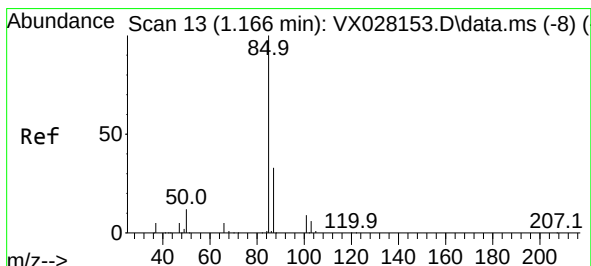
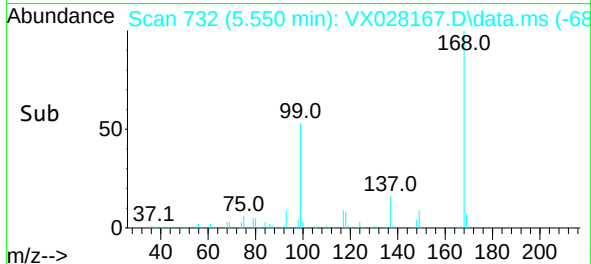
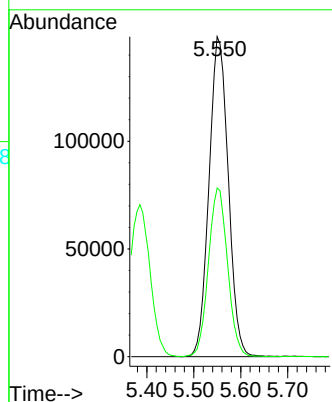
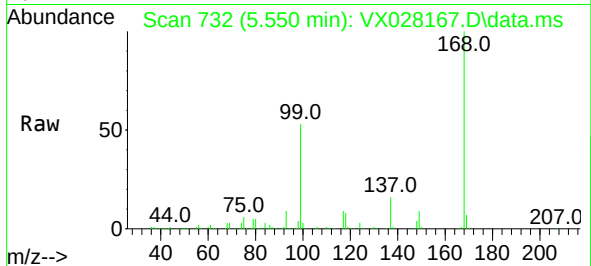




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

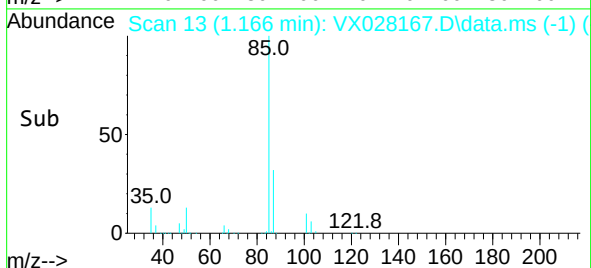
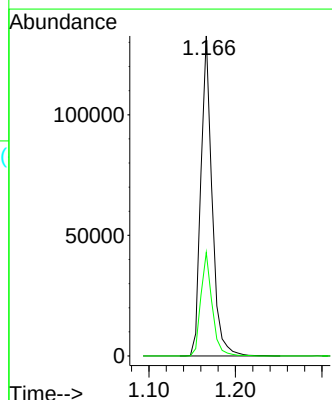
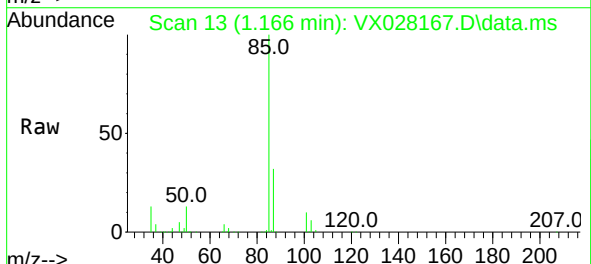
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

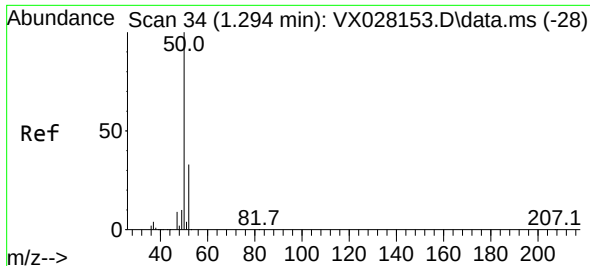
Tgt Ion:168 Resp: 422549
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 43.644 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 85 Resp: 119047
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

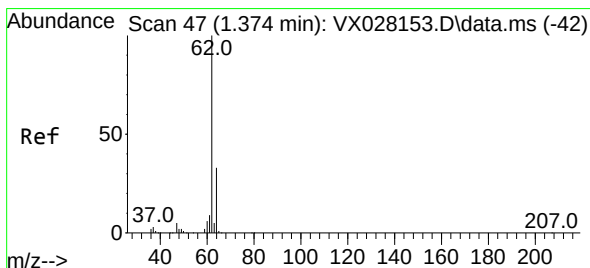
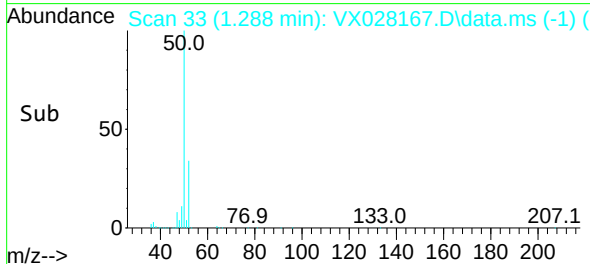
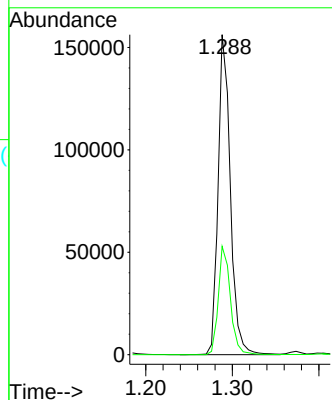
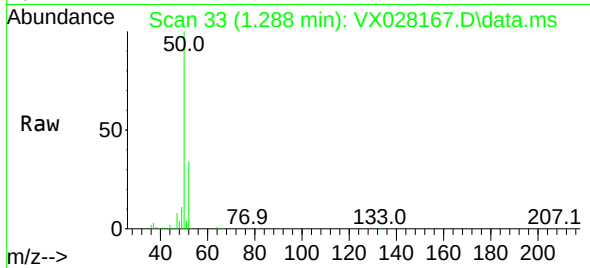




#3
Chloromethane
Concen: 56.239 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

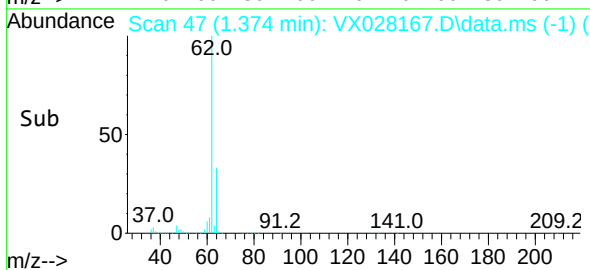
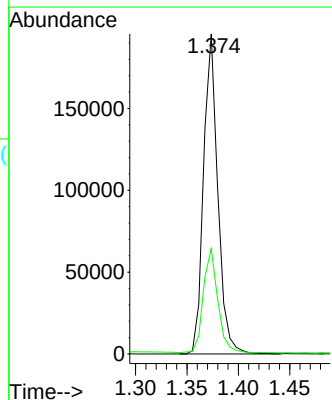
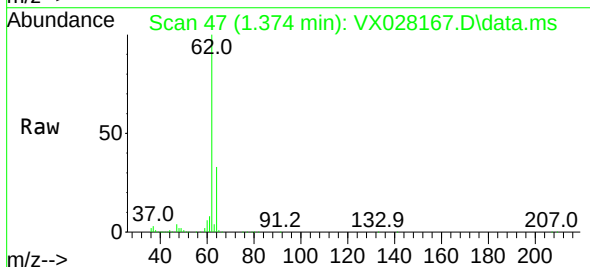
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

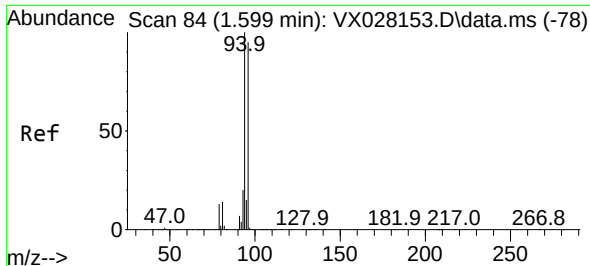
Tgt Ion: 50 Resp: 153821
Ion Ratio Lower Upper
50 100
52 33.9 26.4 39.6



#4
Vinyl Chloride
Concen: 44.470 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 62 Resp: 189432
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

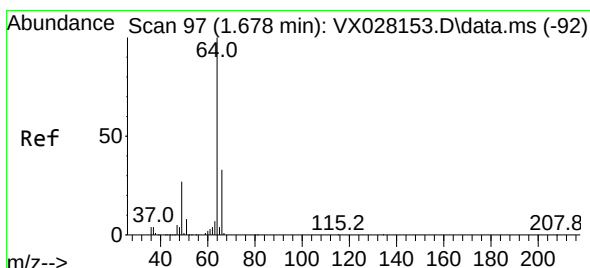
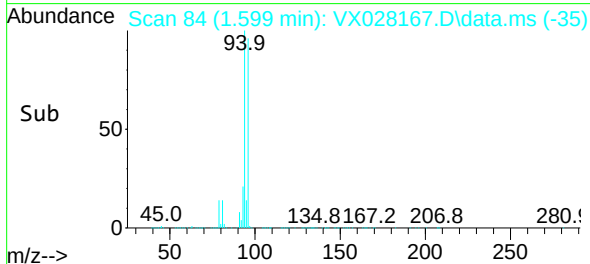
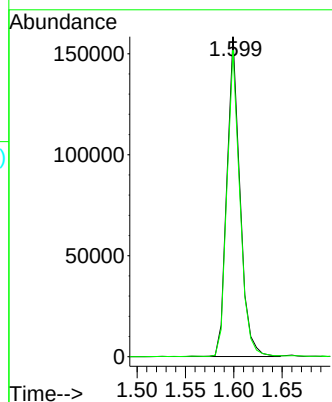
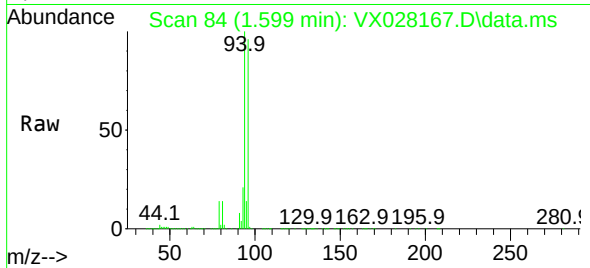




#5
 Bromomethane
 Concen: 36.928 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

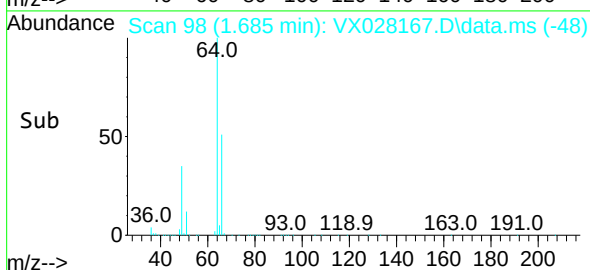
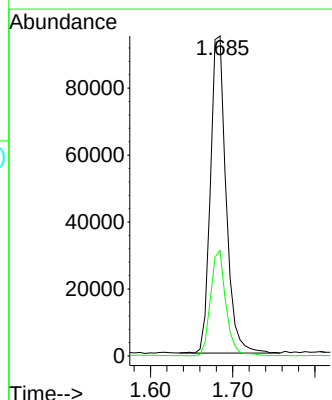
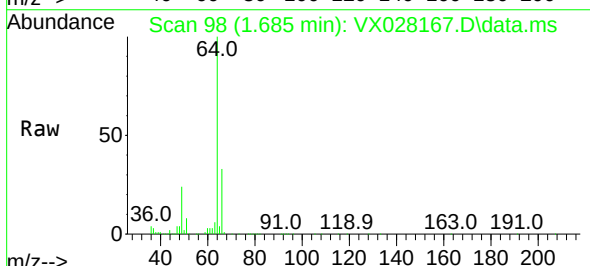
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

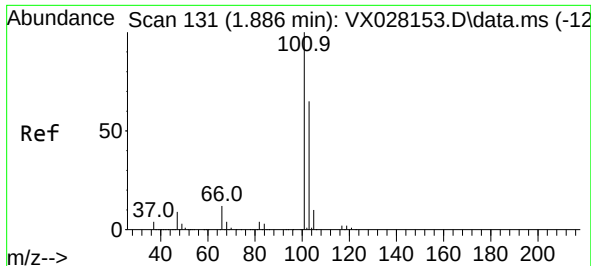
Tgt Ion: 94 Resp: 148274
 Ion Ratio Lower Upper
 94 100
 96 95.8 75.3 112.9



#6
 Chloroethane
 Concen: 40.383 ug/l
 RT: 1.685 min Scan# 98
 Delta R.T. 0.007 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

Tgt Ion: 64 Resp: 125070
 Ion Ratio Lower Upper
 64 100
 66 33.2 25.3 37.9

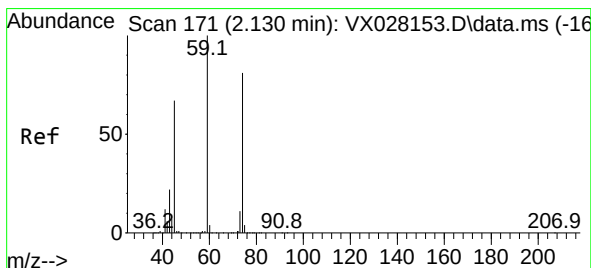
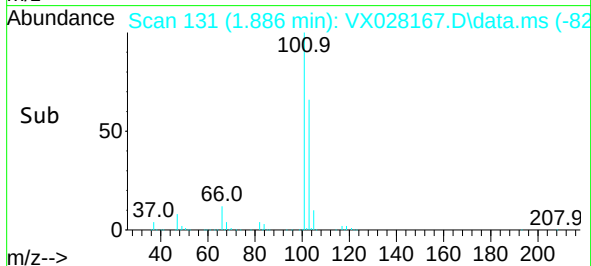
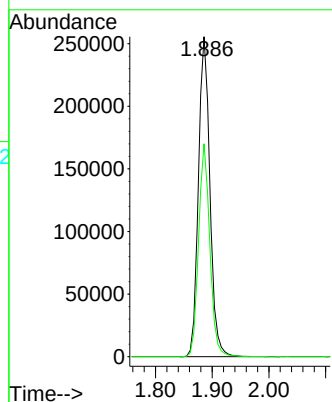
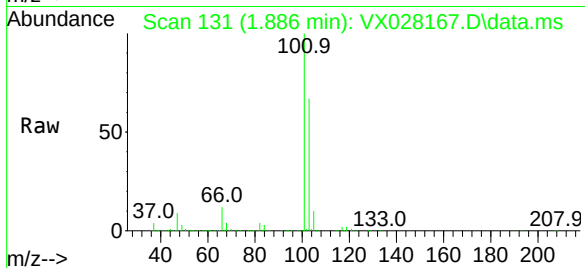




#7
Trichlorofluoromethane
Concen: 38.272 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

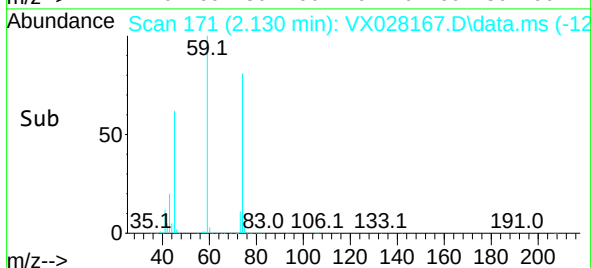
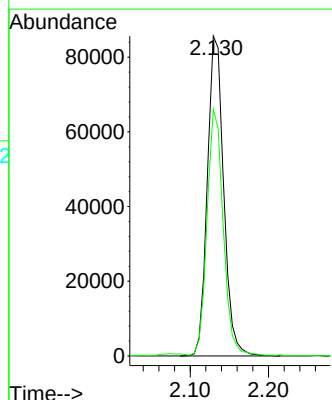
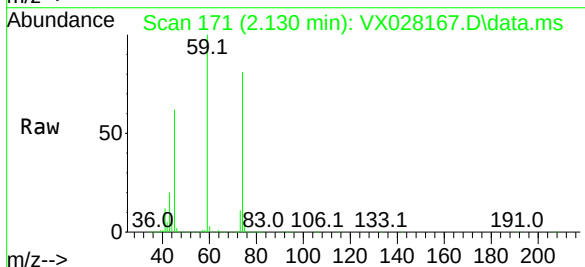
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

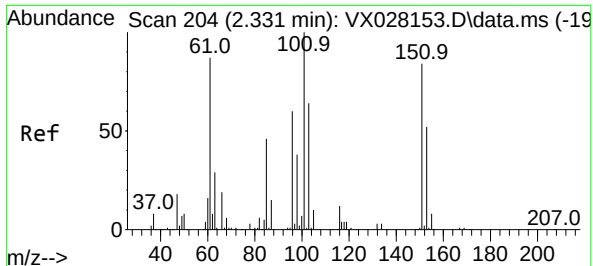
Tgt Ion:101 Resp: 359511
Ion Ratio Lower Upper
101 100
103 66.5 50.5 75.7



#8
Diethyl Ether
Concen: 43.407 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 74 Resp: 123664
Ion Ratio Lower Upper
74 100
45 75.8 42.0 126.0

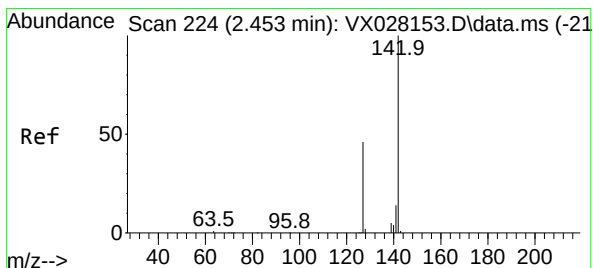
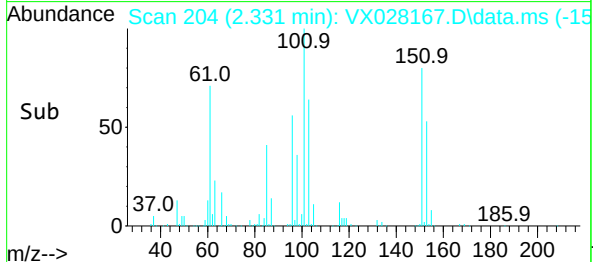
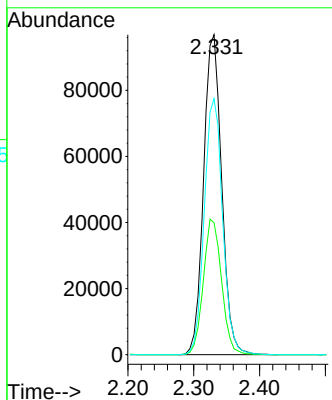
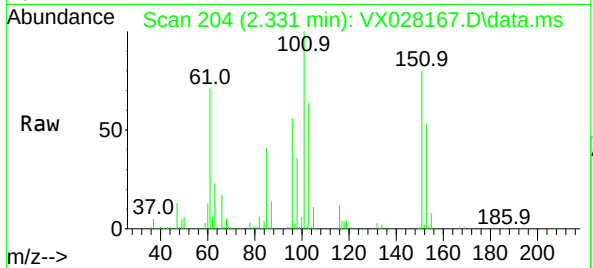




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.243 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

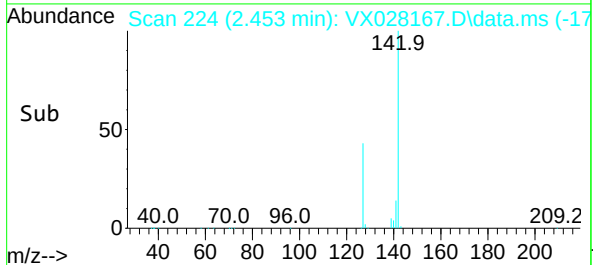
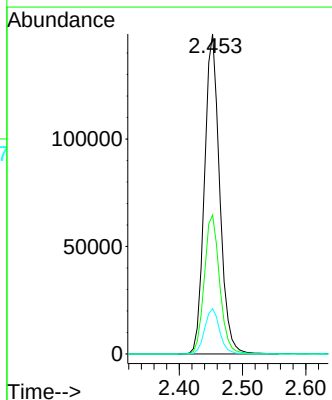
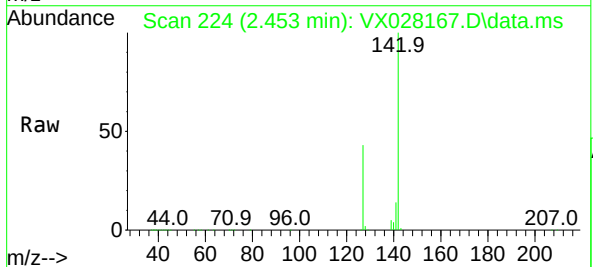
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

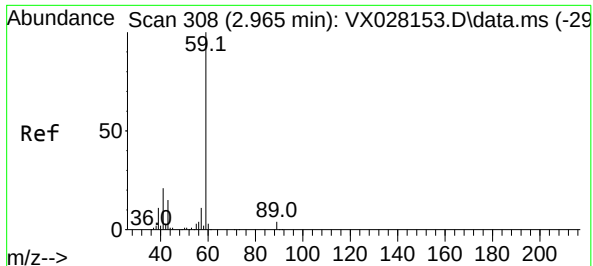
Tgt Ion:101 Resp: 185607
Ion Ratio Lower Upper
101 100
85 42.7 33.5 50.3
151 81.2 61.8 92.6



#10
Methyl Iodide
Concen: 52.741 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion:142 Resp: 248308
Ion Ratio Lower Upper
142 100
127 44.1 33.9 50.9
141 14.0 11.4 17.2

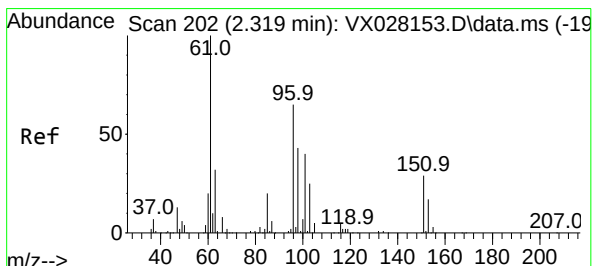
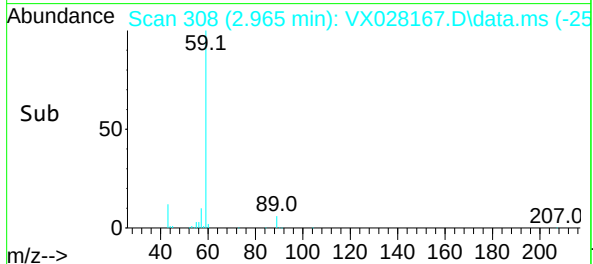
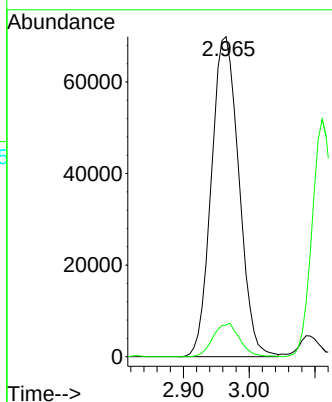
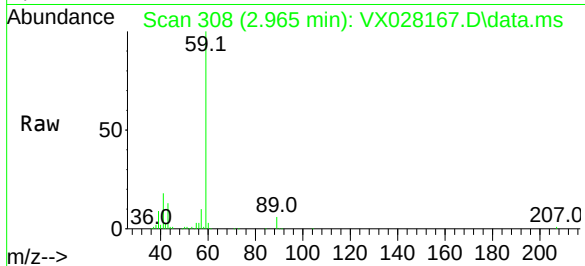




#11
Tert butyl alcohol
Concen: 190.849 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

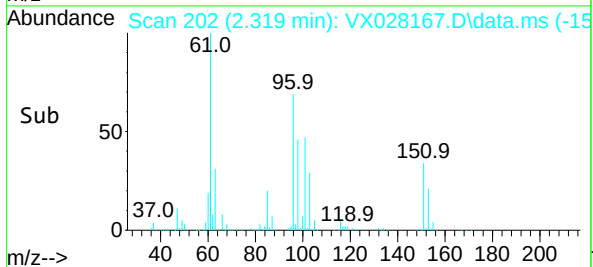
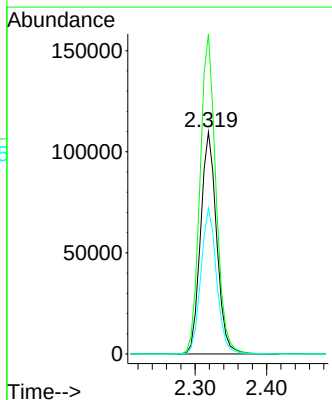
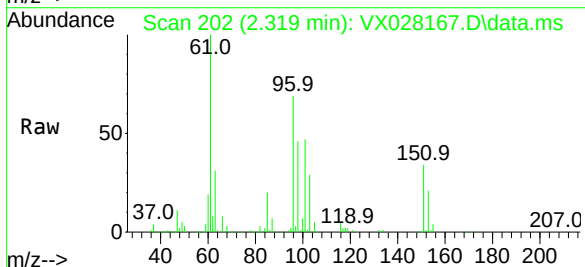
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

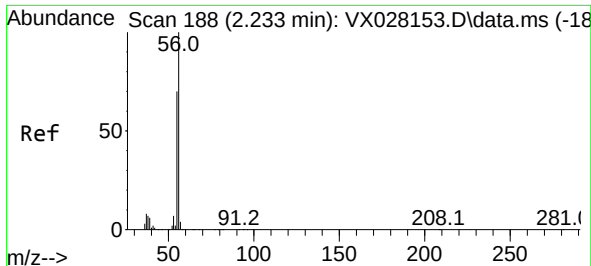
Tgt Ion: 59 Resp: 203848
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.764 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 96 Resp: 171346
Ion Ratio Lower Upper
96 100
61 144.2 124.6 187.0
98 65.7 51.0 76.4

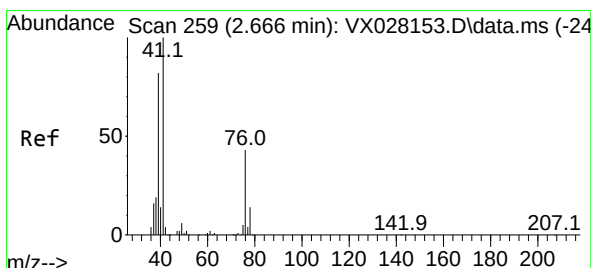
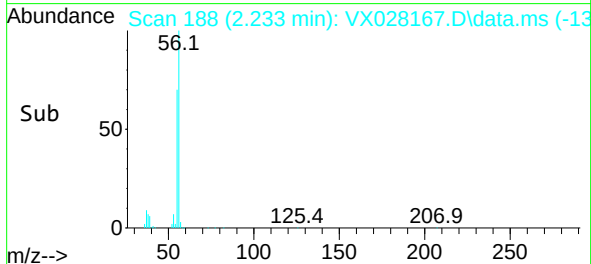
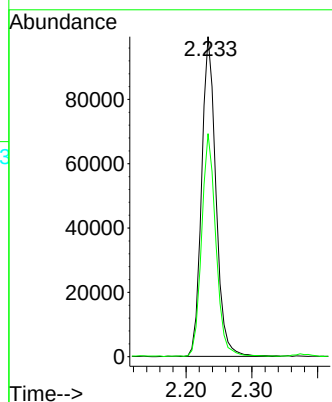
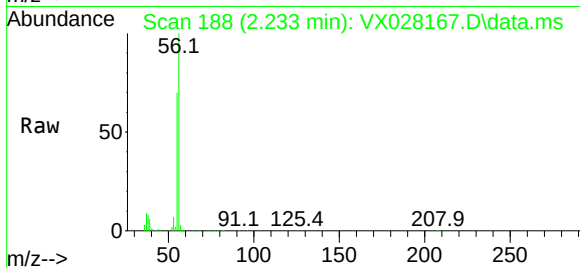




#13
Acrolein
Concen: 222.144 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

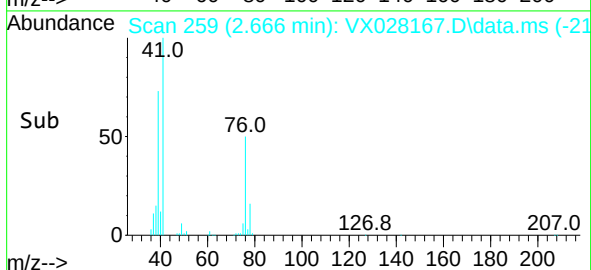
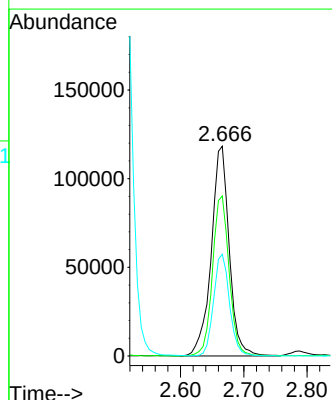
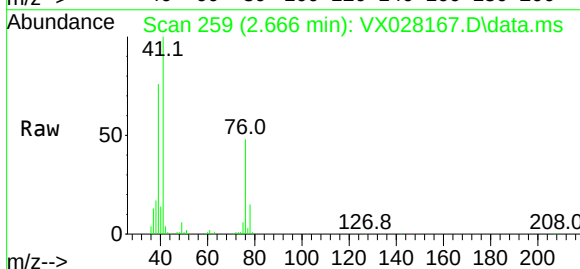
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

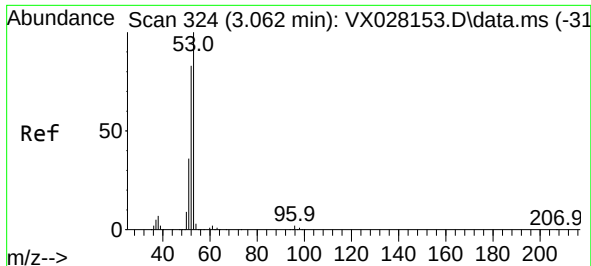
Tgt Ion: 56 Resp: 149997
Ion Ratio Lower Upper
56 100
55 69.4 55.0 82.6



#14
Allyl chloride
Concen: 43.064 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 41 Resp: 234655
Ion Ratio Lower Upper
41 100
39 70.4 50.4 75.6
76 42.6 32.7 49.1

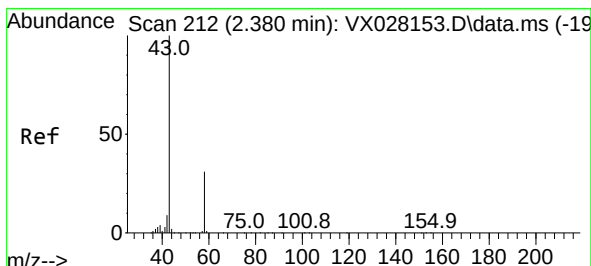
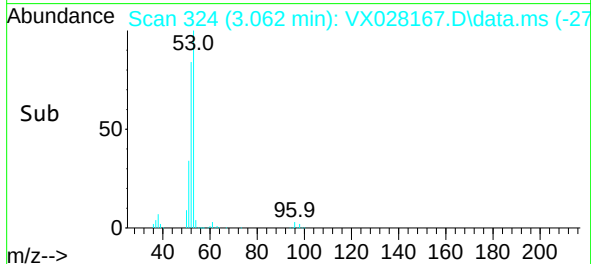
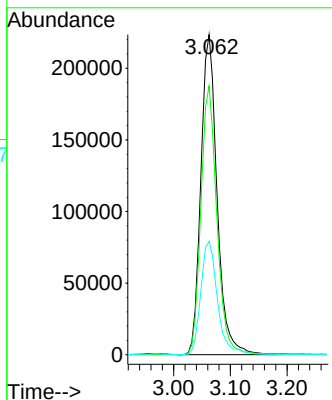
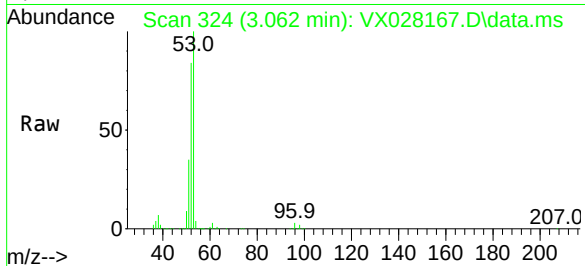




#15
Acrylonitrile
Concen: 197.912 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

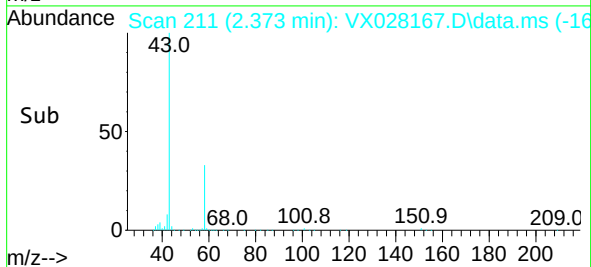
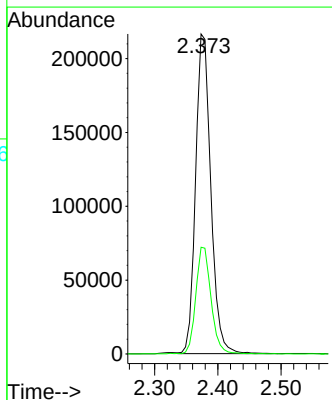
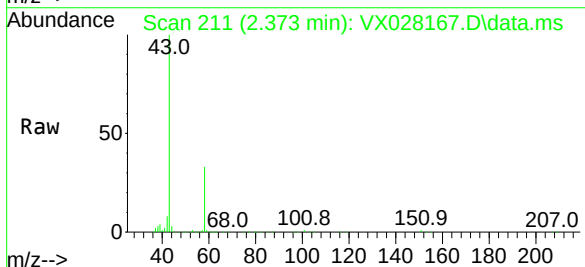
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

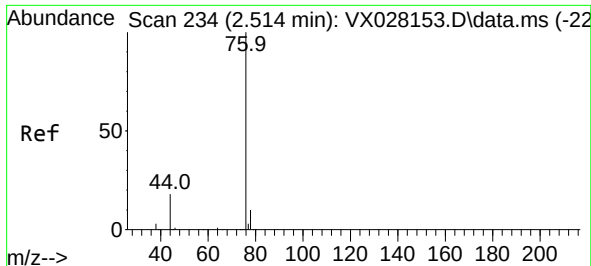
Tgt Ion: 53 Resp: 444360
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 36.5 28.4 42.6



#16
Acetone
Concen: 215.268 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 43 Resp: 362577
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2





#17

Carbon Disulfide

Concen: 47.381 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

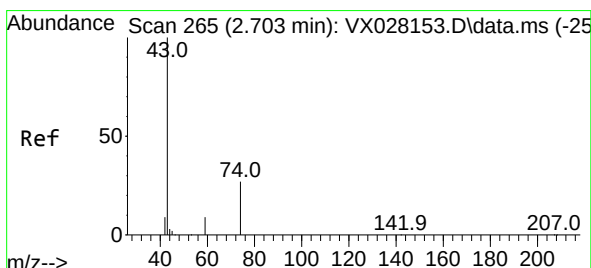
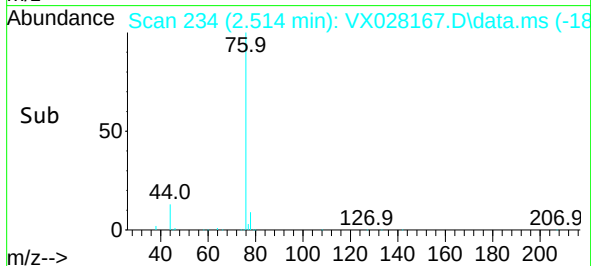
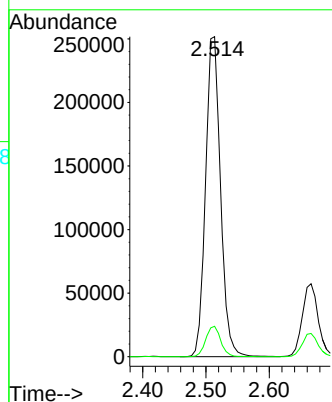
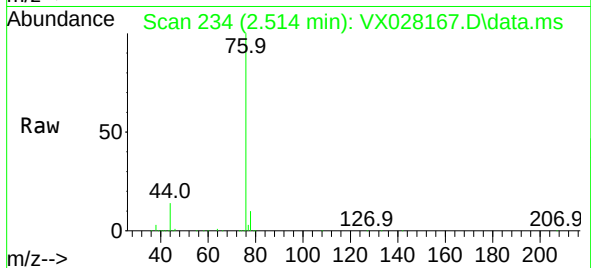
VSTDCCC050

Tgt Ion: 76 Resp: 414347

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#18

Methyl Acetate

Concen: 40.279 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX028167.D

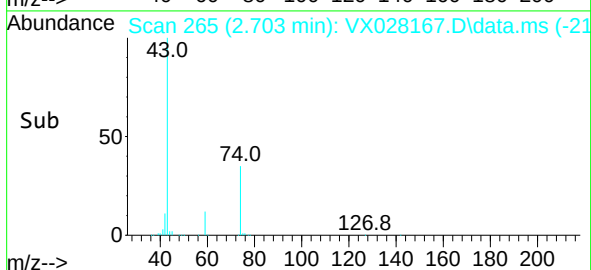
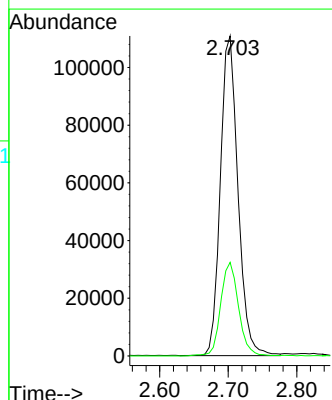
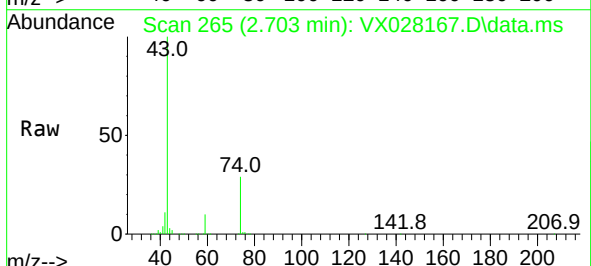
Acq: 19 Apr 2022 18:10

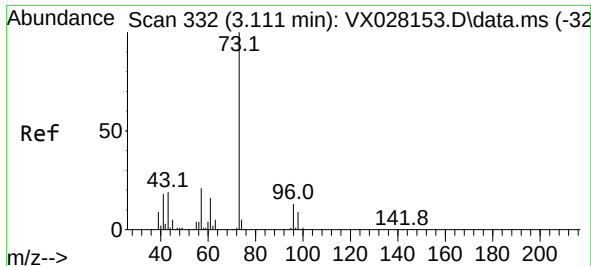
Tgt Ion: 43 Resp: 197311

Ion Ratio Lower Upper

43 100

74 29.7 22.8 34.2

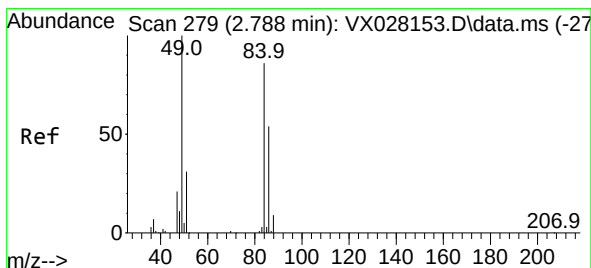
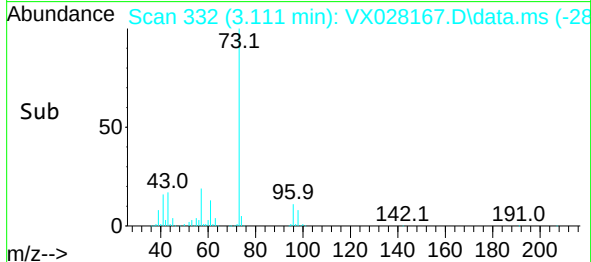
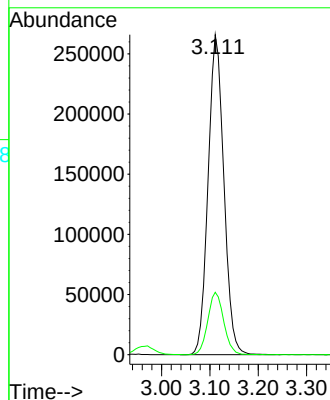
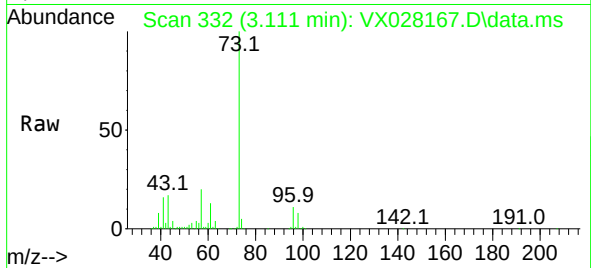




#19
Methyl tert-butyl Ether
Concen: 44.441 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

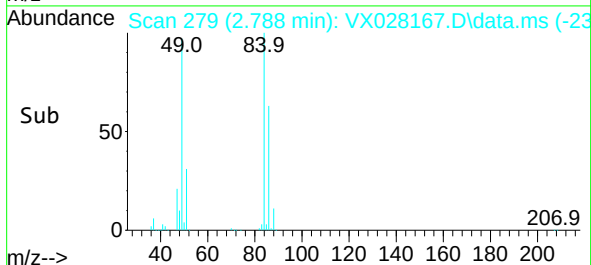
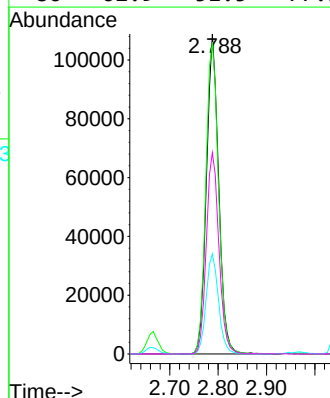
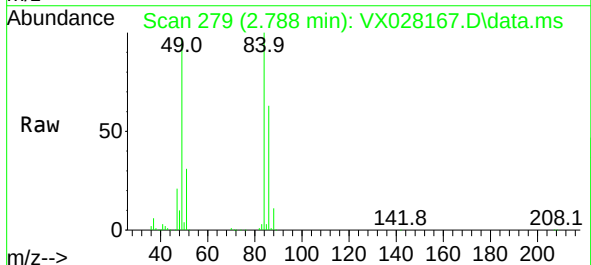
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

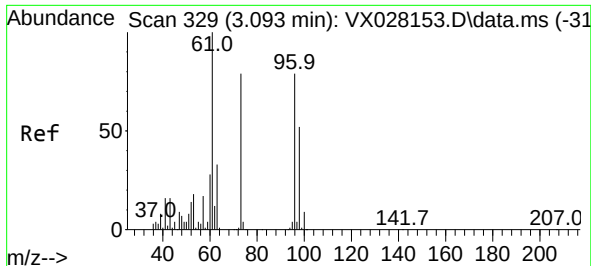
Tgt Ion: 73 Resp: 601806
Ion Ratio Lower Upper
73 100
57 19.5 16.8 25.2



#20
Methylene Chloride
Concen: 46.683 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 84 Resp: 190839
Ion Ratio Lower Upper
84 100
49 97.4 85.5 128.3
51 31.3 26.6 39.8
86 62.9 51.5 77.3

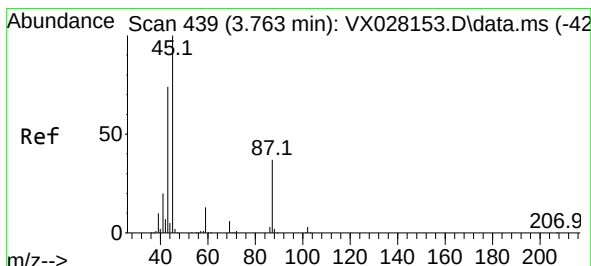
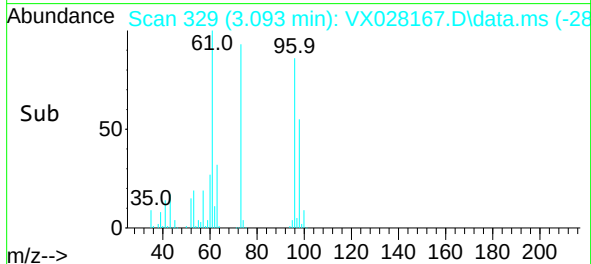
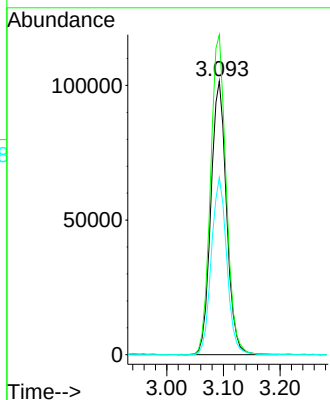
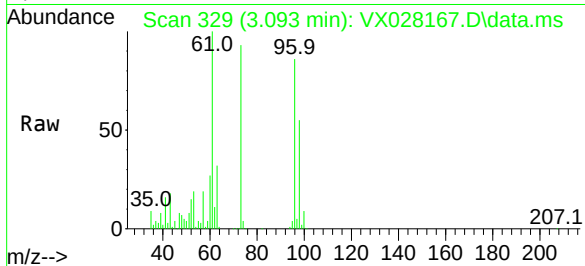




#21
trans-1,2-Dichloroethene
Concen: 44.059 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

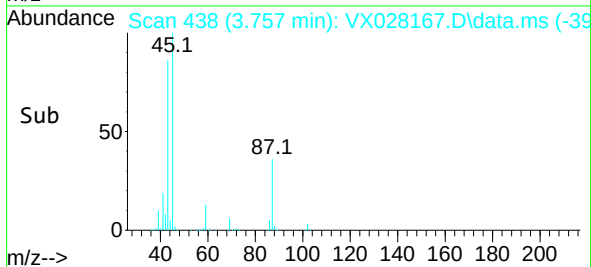
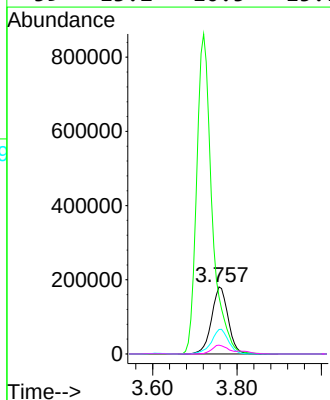
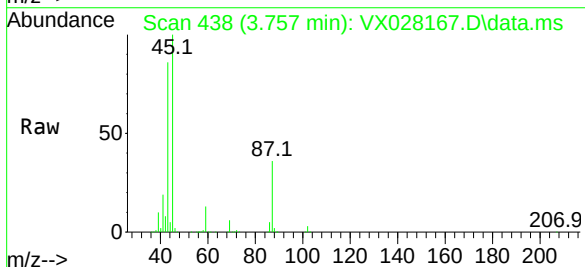
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

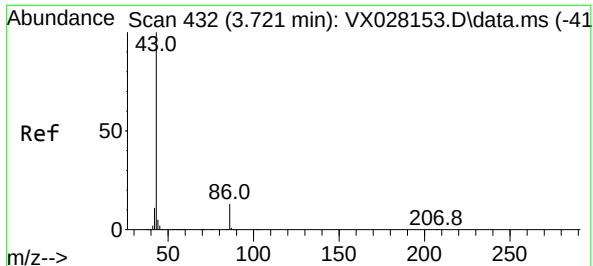
Tgt Ion: 96 Resp: 194581
Ion Ratio Lower Upper
96 100
61 116.9 105.4 158.2
98 64.8 50.0 75.0



#22
Diisopropyl ether
Concen: 39.415 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 45 Resp: 489173
Ion Ratio Lower Upper
45 100
43 85.6 50.8 76.2#
87 36.5 26.6 39.8
59 13.2 10.5 15.7

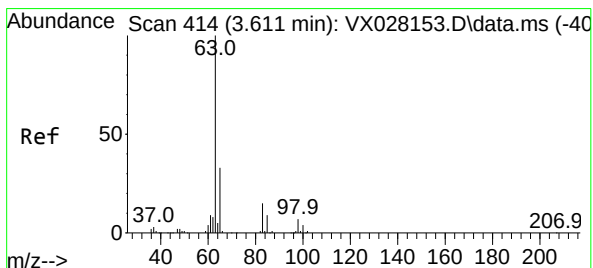
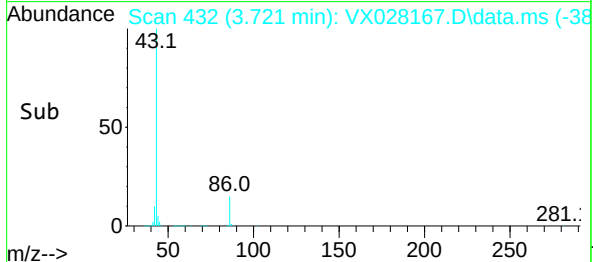
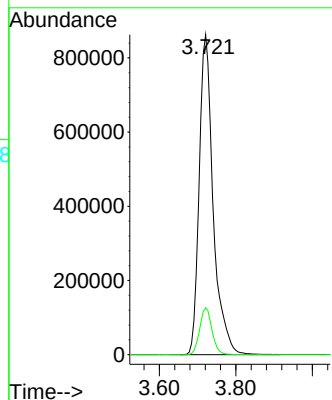
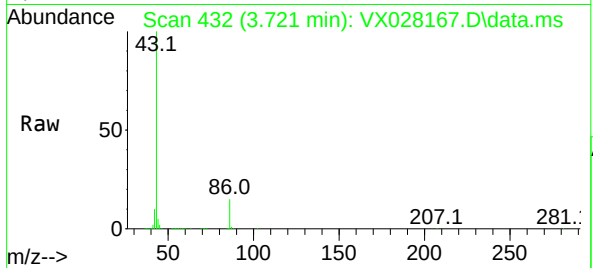




#23
 Vinyl Acetate
 Concen: 201.771 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

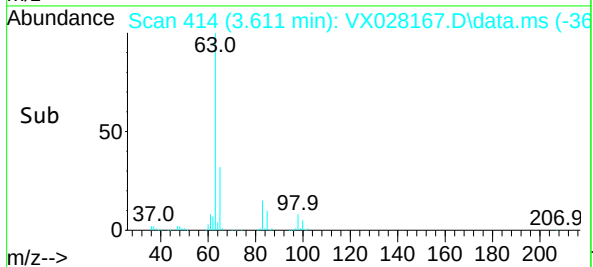
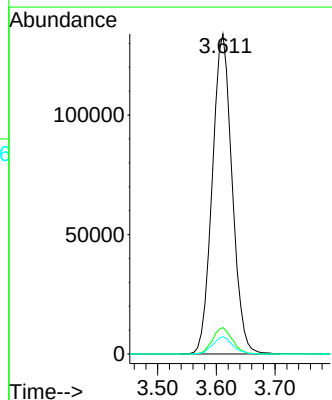
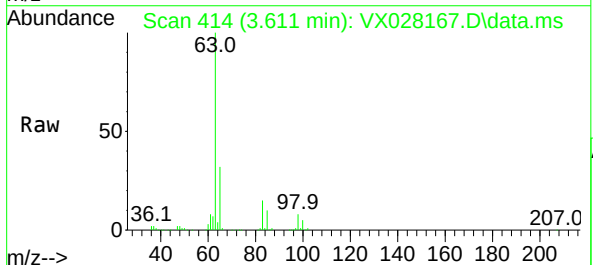
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

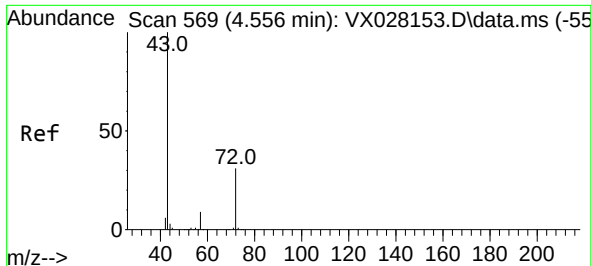
Tgt Ion: 43 Resp: 2187748
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 42.788 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

Tgt Ion: 63 Resp: 313559
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 5.4 2.4 7.2

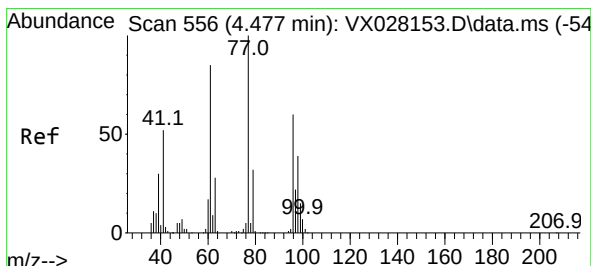
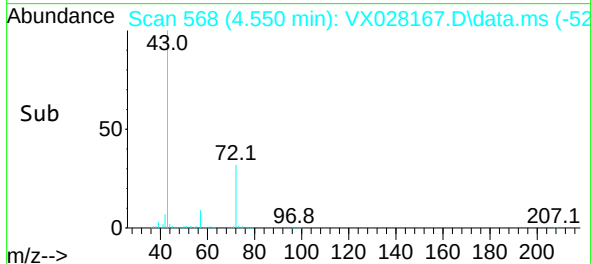
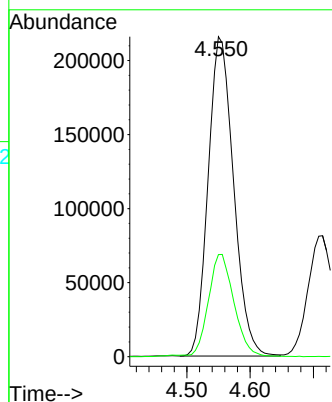
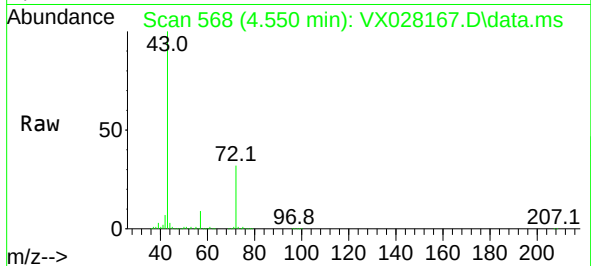




#25
2-Butanone
Concen: 184.499 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

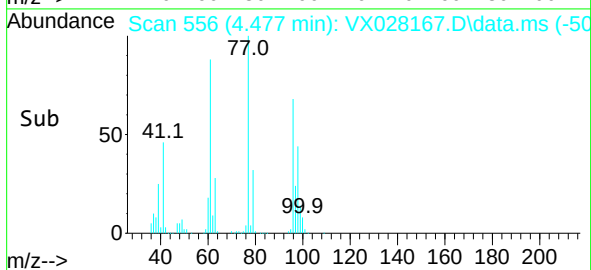
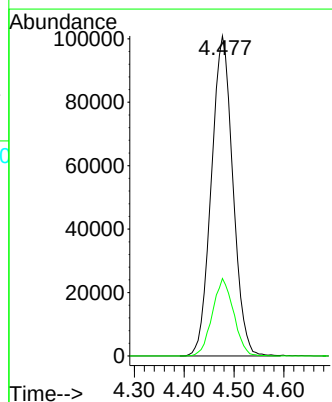
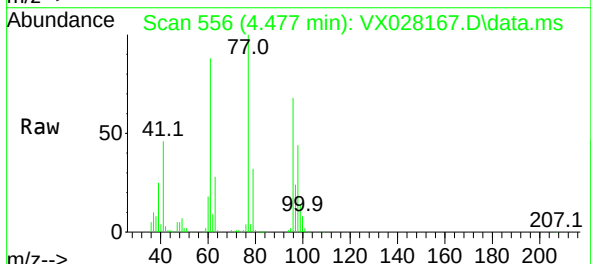
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

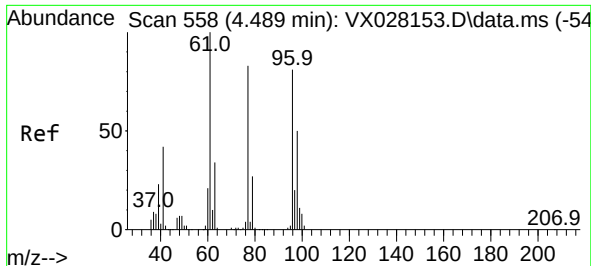
Tgt Ion: 43 Resp: 602013
Ion Ratio Lower Upper
43 100
72 31.8 24.4 36.6



#26
2,2-Dichloropropane
Concen: 42.365 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 77 Resp: 303124
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 43.815 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

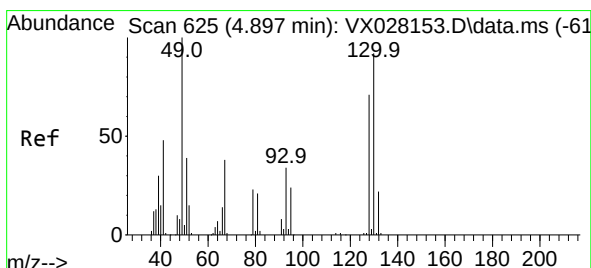
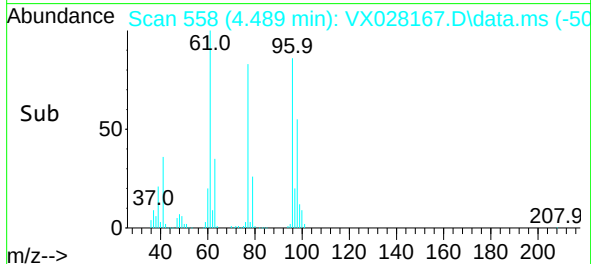
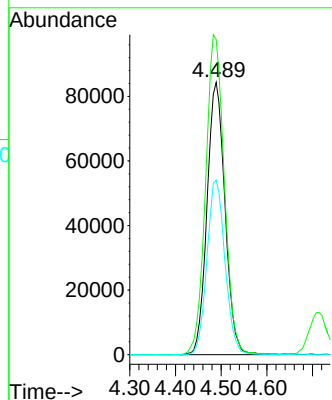
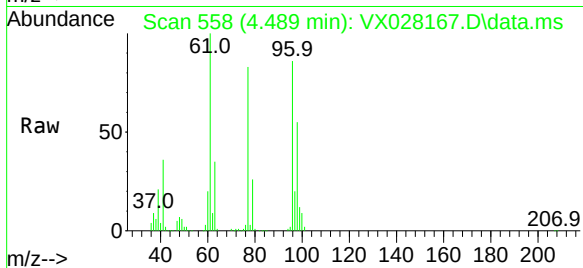
Tgt Ion: 96 Resp: 230727

Ion Ratio Lower Upper

96 100

61 122.5 0.0 283.8

98 64.6 0.0 129.8



#28

Bromochloromethane

Concen: 37.881 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

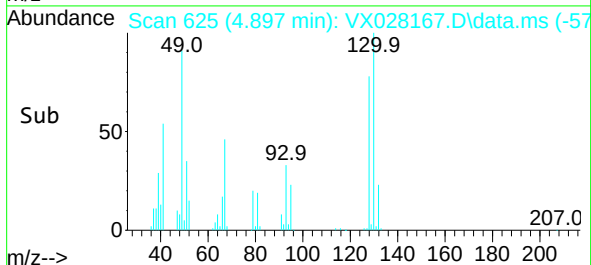
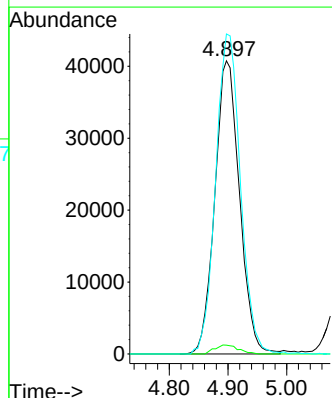
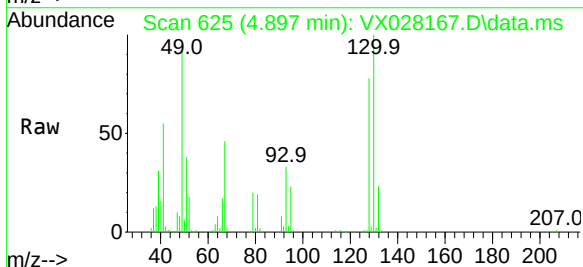
Tgt Ion: 49 Resp: 119099

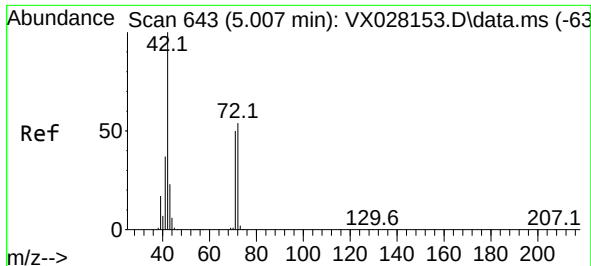
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.4

130 109.6 70.7 106.1#





#29

Tetrahydrofuran

Concen: 180.001 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

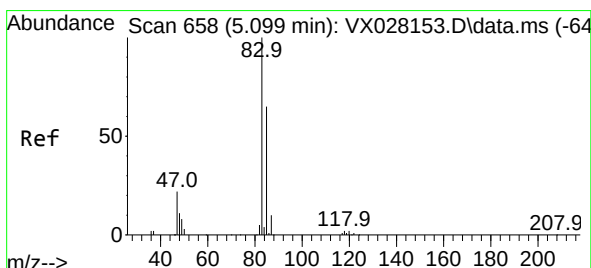
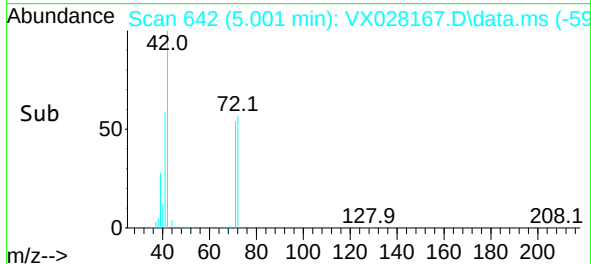
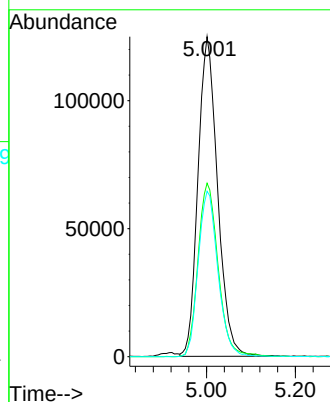
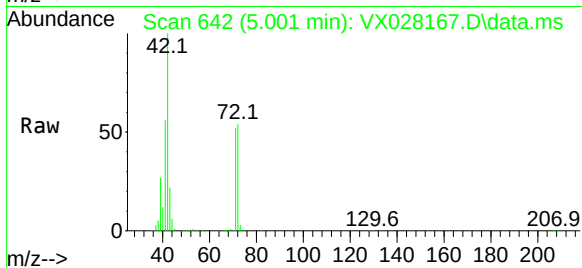
Tgt Ion: 42 Resp: 382965

Ion Ratio Lower Upper

42 100

72 55.8 44.1 66.1

71 52.2 40.5 60.7



#30

Chloroform

Concen: 40.569 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028167.D

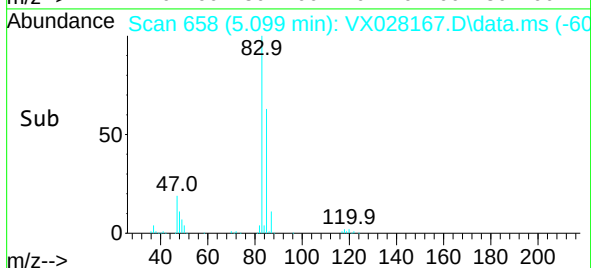
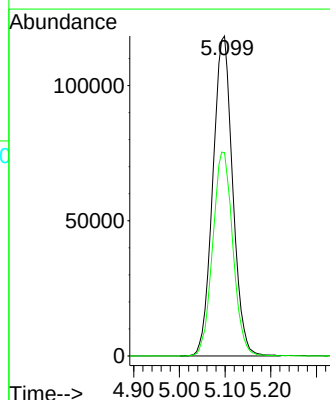
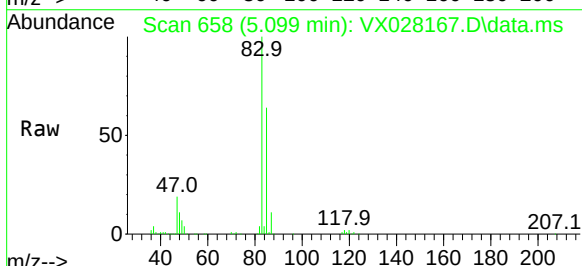
Acq: 19 Apr 2022 18:10

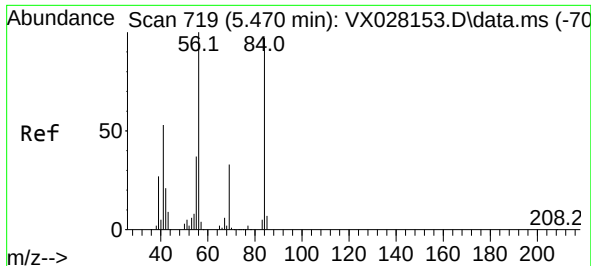
Tgt Ion: 83 Resp: 357031

Ion Ratio Lower Upper

83 100

85 63.6 52.7 79.1

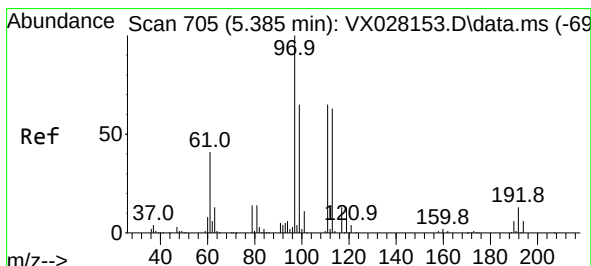
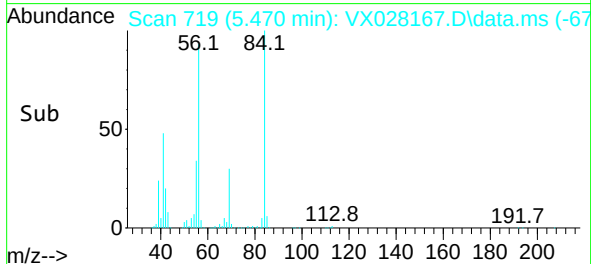
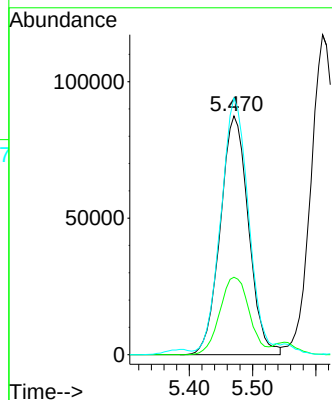
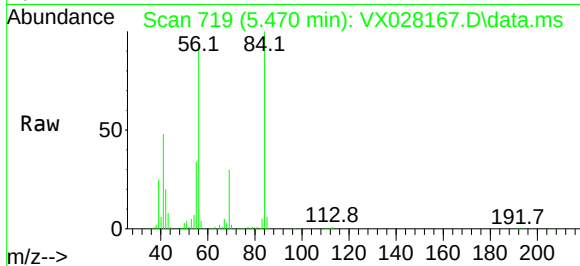




#31
Cyclohexane
Concen: 40.321 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

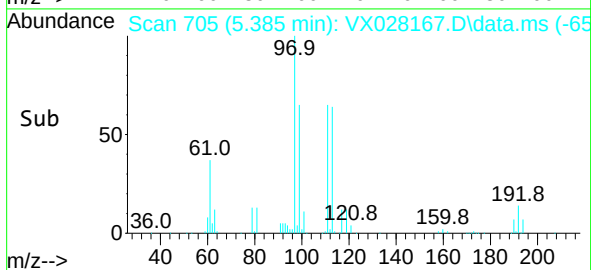
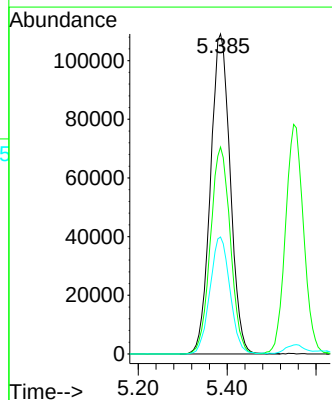
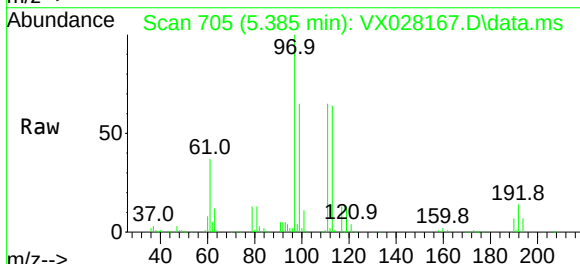
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

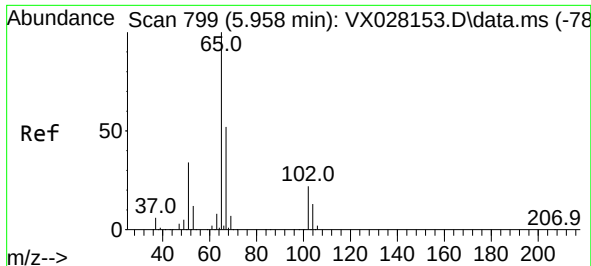
Tgt Ion: 56 Resp: 270656
Ion Ratio Lower Upper
56 100
69 32.4 26.7 40.1
84 105.2 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 42.197 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 97 Resp: 336275
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 37.1 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 40.060 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

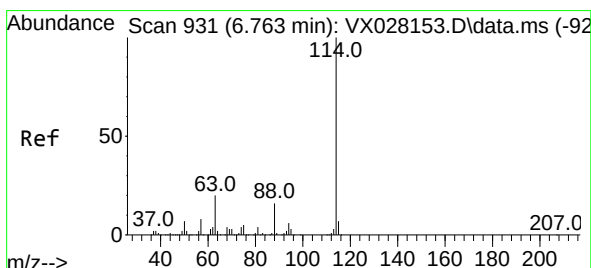
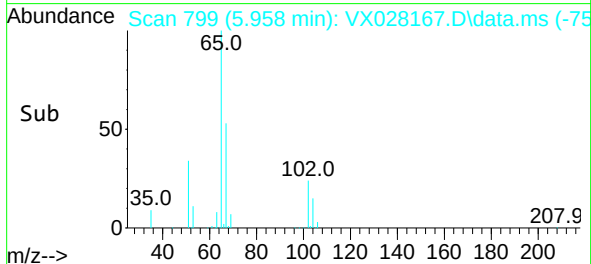
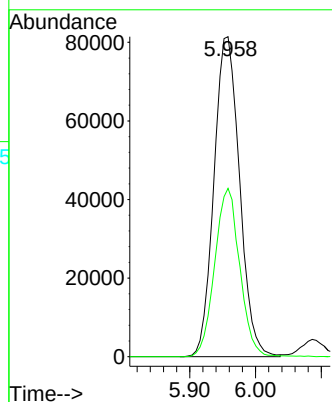
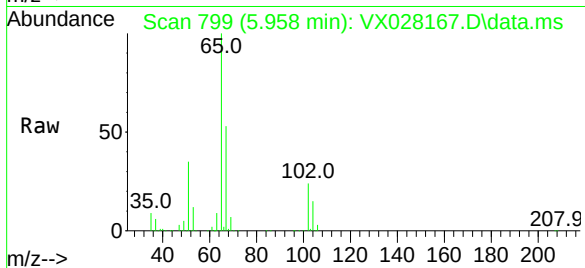
VSTDCCC050

Tgt Ion: 65 Resp: 220714

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

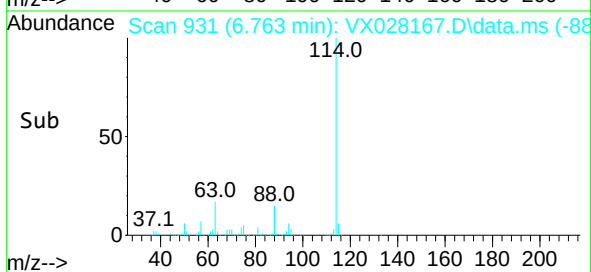
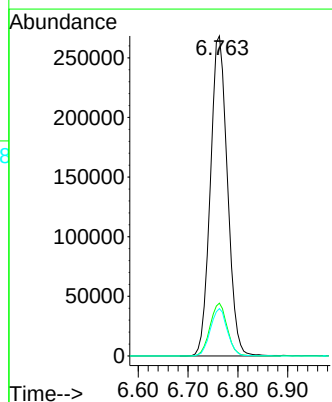
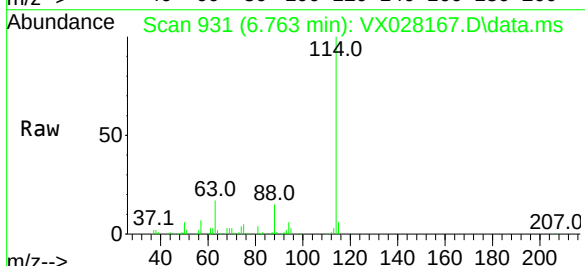
Tgt Ion: 114 Resp: 638427

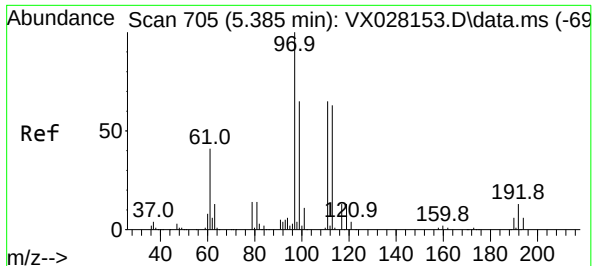
Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.8

88 14.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.085 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

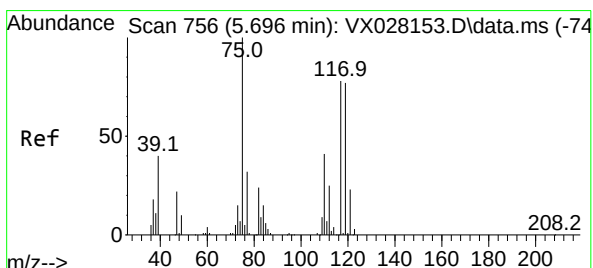
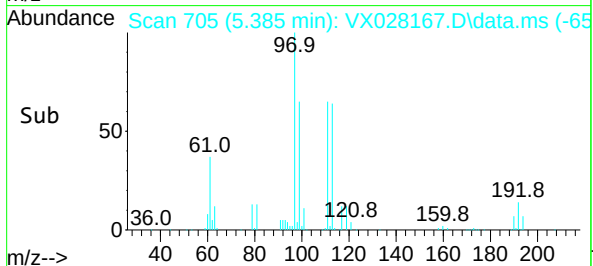
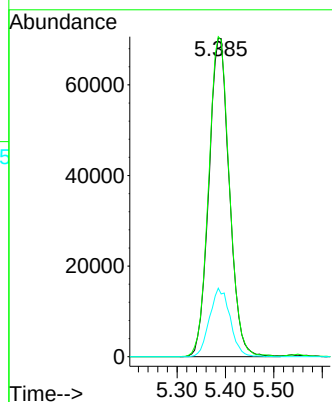
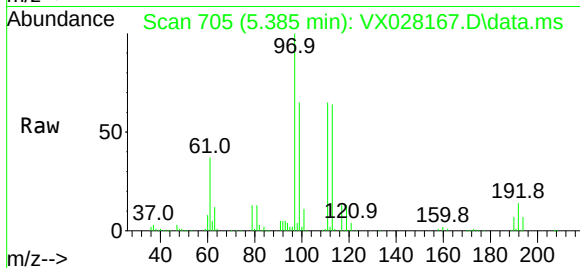
Tgt Ion:113 Resp: 206333

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 21.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 43.583 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

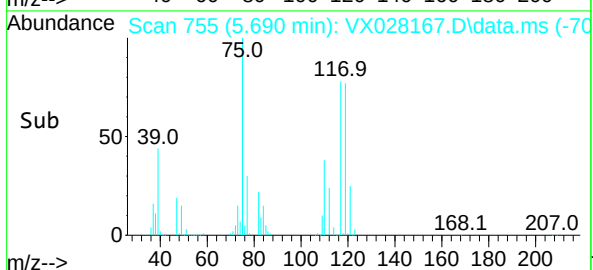
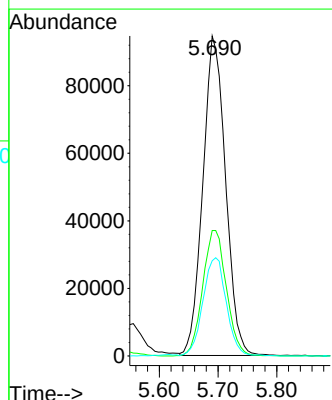
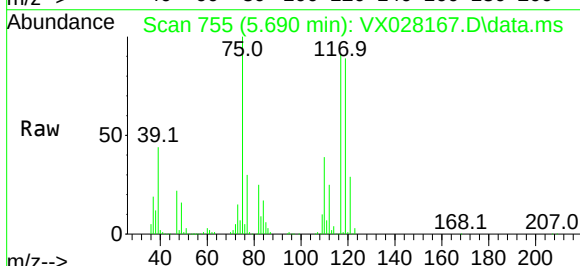
Tgt Ion: 75 Resp: 254533

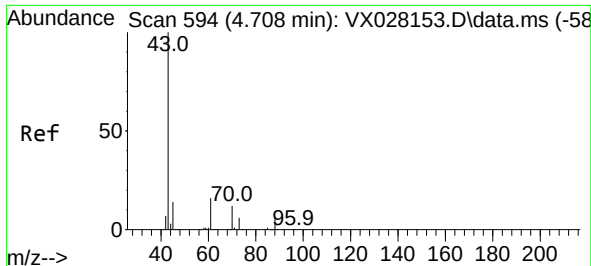
Ion Ratio Lower Upper

75 100

110 40.9 18.3 54.8

77 31.7 24.8 37.2

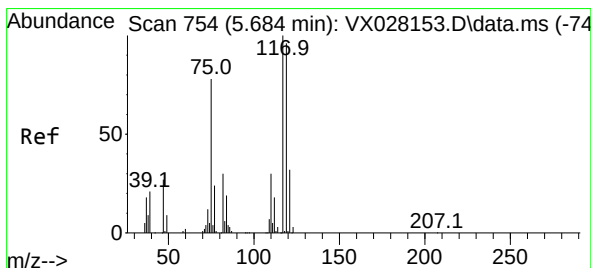
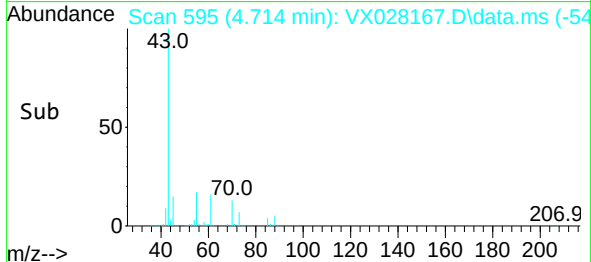
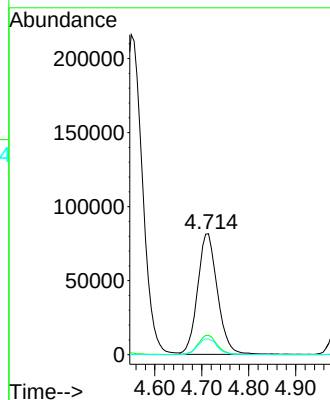
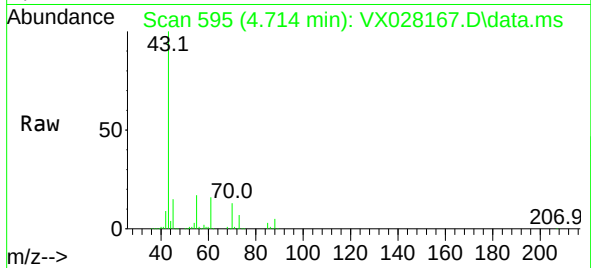




#37
Ethyl Acetate
Concen: 40.295 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

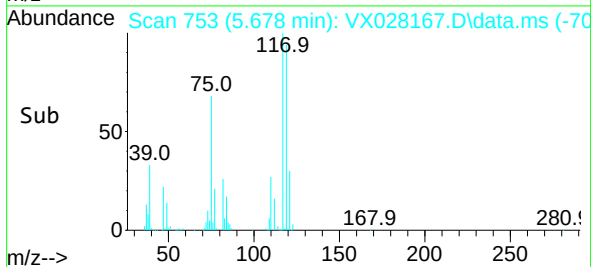
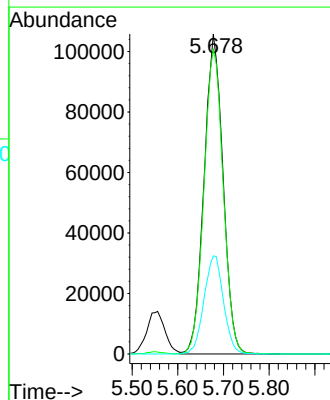
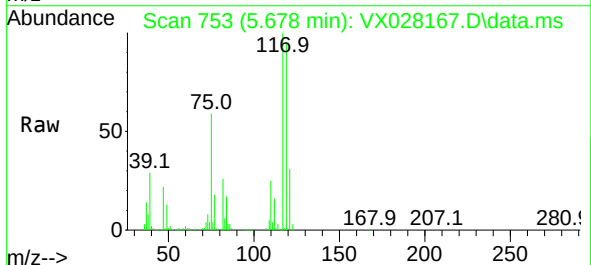
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

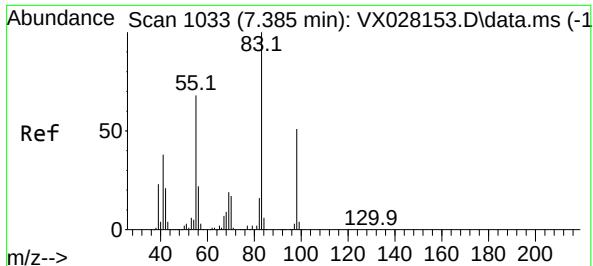
Tgt Ion: 43 Resp: 238787
Ion Ratio Lower Upper
43 100
61 15.3 12.6 19.0
70 13.2 10.2 15.2



#38
Carbon Tetrachloride
Concen: 46.123 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 117 Resp: 304081
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 44.134 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

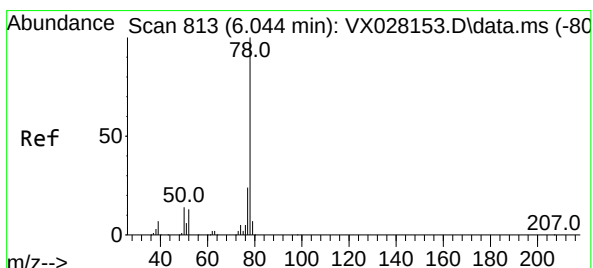
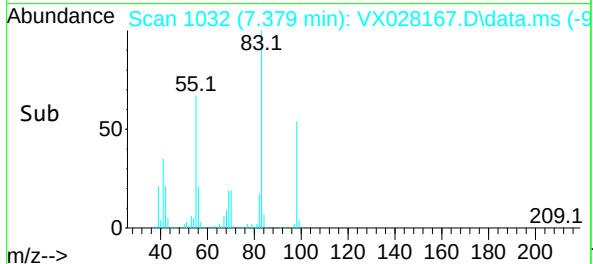
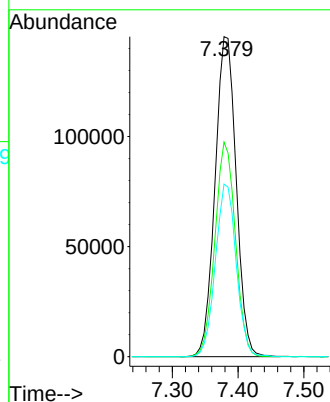
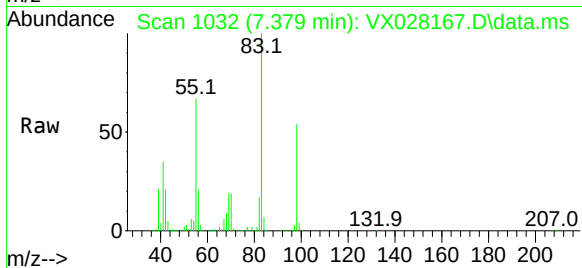
Tgt Ion: 83 Resp: 325214

Ion Ratio Lower Upper

83 100

55 67.1 54.6 81.8

98 54.0 37.4 56.2



#40

Benzene

Concen: 43.421 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX028167.D

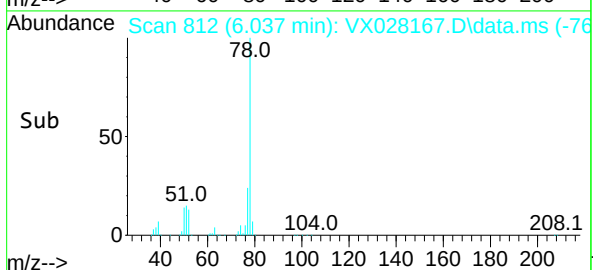
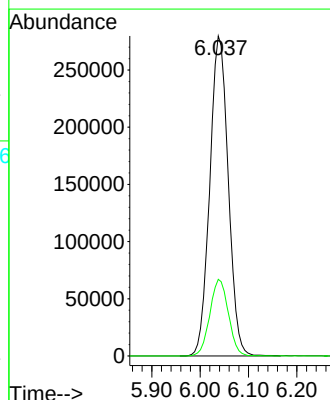
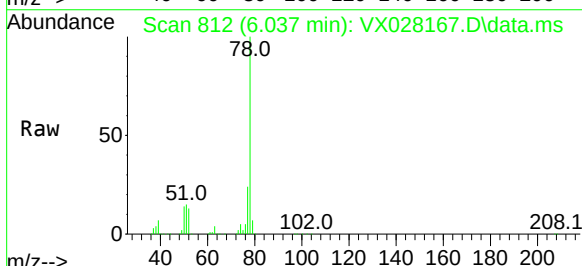
Acq: 19 Apr 2022 18:10

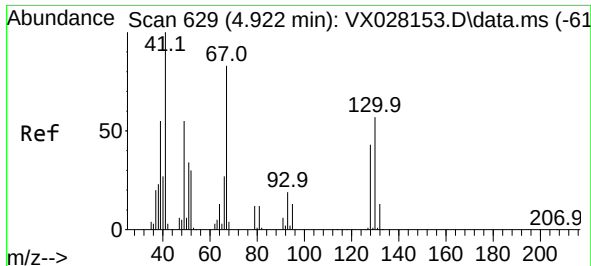
Tgt Ion: 78 Resp: 742300

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9



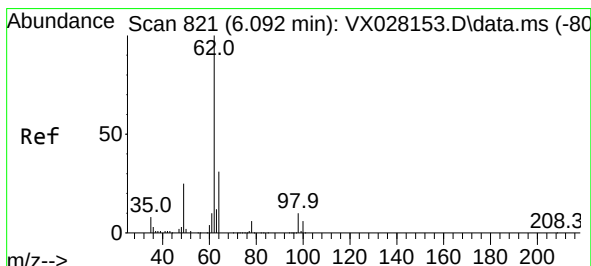
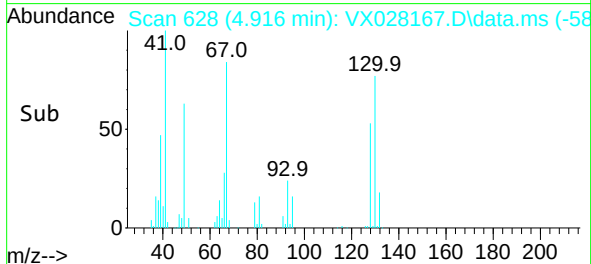
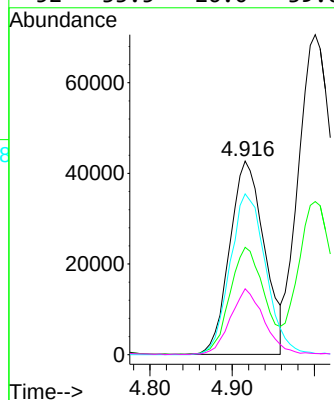
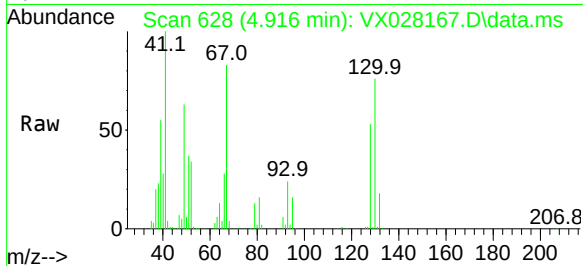


#41
Methacrylonitrile
Concen: 40.965 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 125245

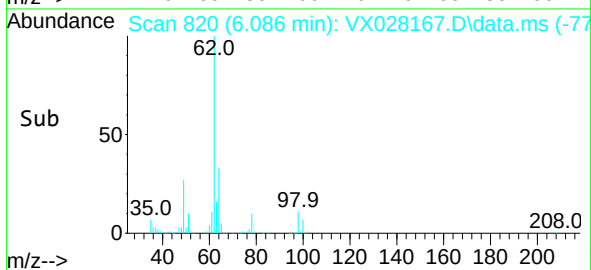
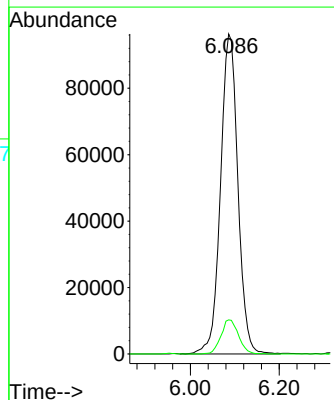
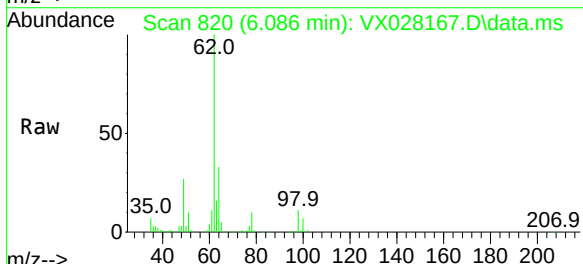
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.0	64.4
67	85.9	70.2	105.4
52	33.5	26.0	39.0

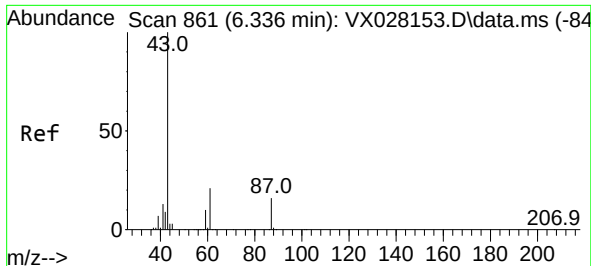


#42
1,2-Dichloroethane
Concen: 41.076 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 62 Resp: 260667

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.4

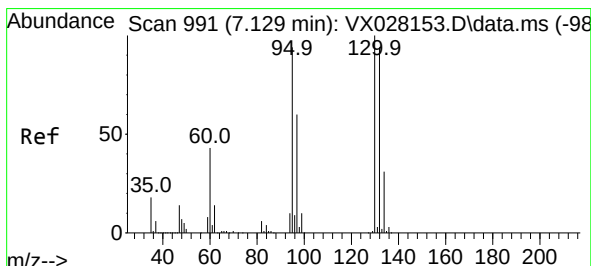
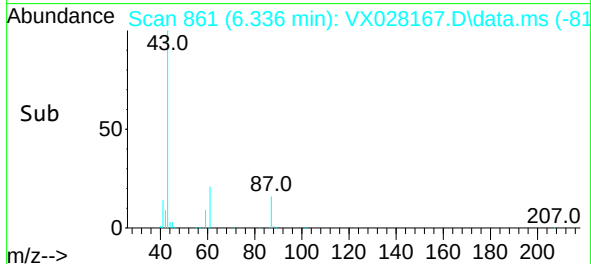
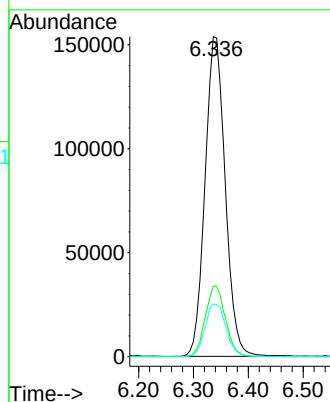
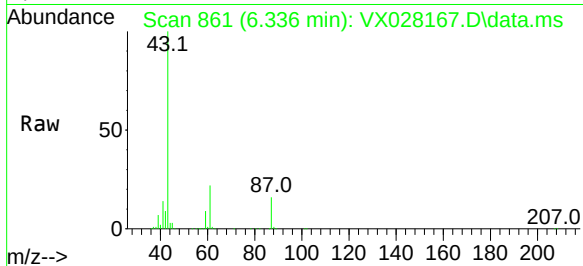




#43
Isopropyl Acetate
Concen: 40.794 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

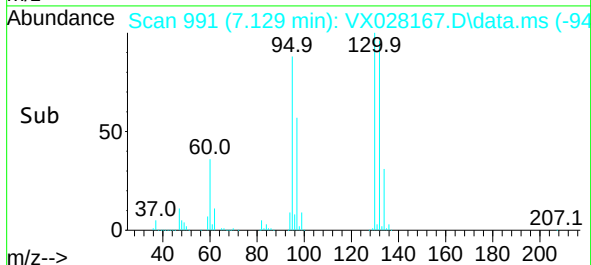
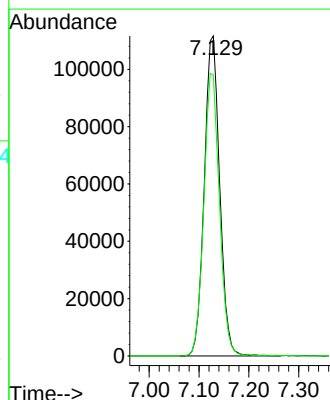
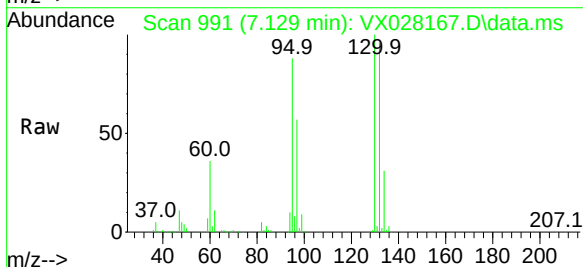
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

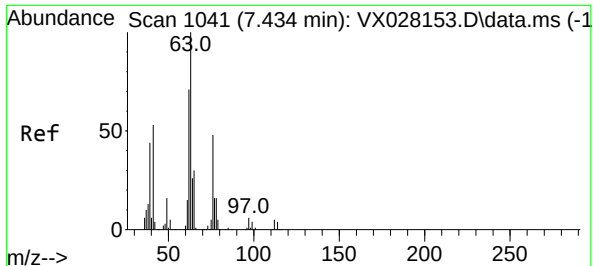
Tgt Ion: 43 Resp: 393432
Ion Ratio Lower Upper
43 100
61 22.2 18.5 27.7
87 17.2 13.0 19.6



#44
Trichloroethene
Concen: 48.297 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion:130 Resp: 239432
Ion Ratio Lower Upper
130 100
95 87.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 42.660 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

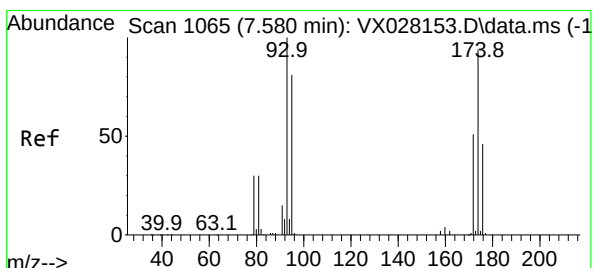
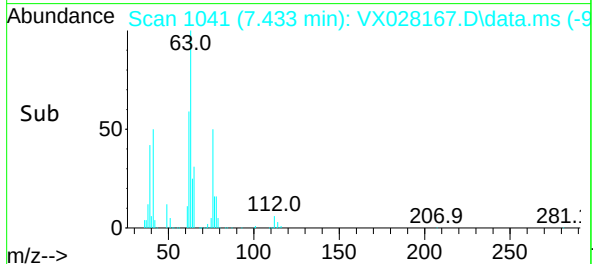
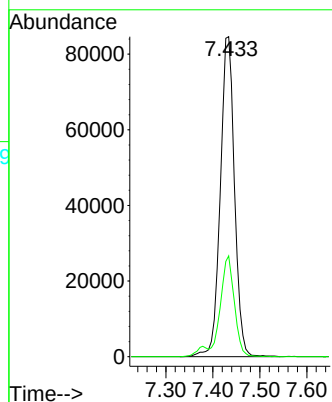
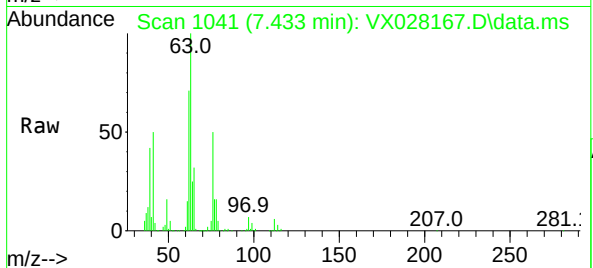
VSTDCCC050

Tgt Ion: 63 Resp: 178511

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.6



#46

Dibromomethane

Concen: 44.406 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

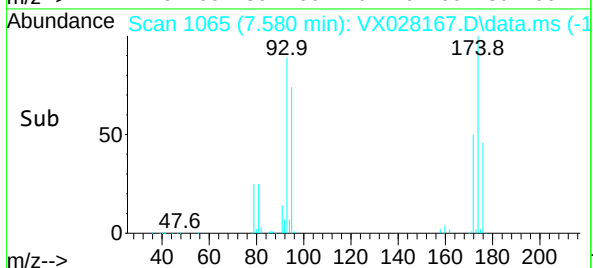
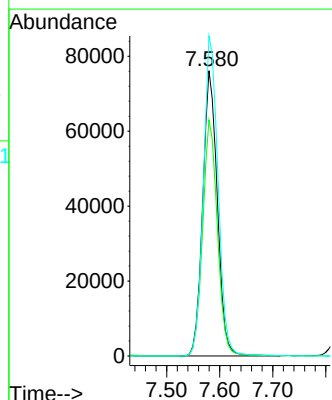
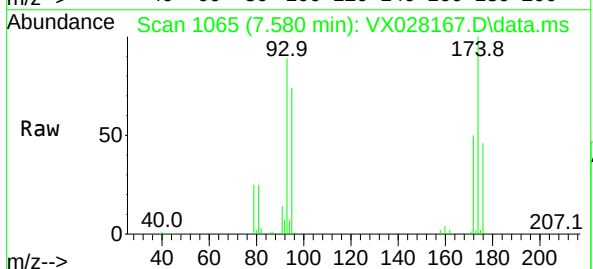
Tgt Ion: 93 Resp: 145764

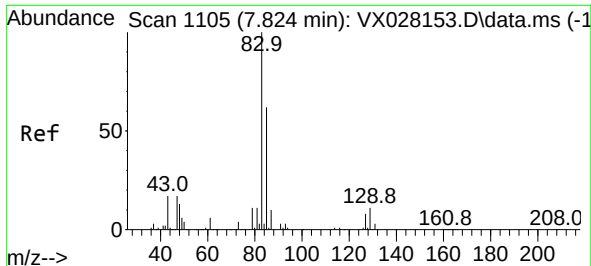
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 112.3 85.4 128.2

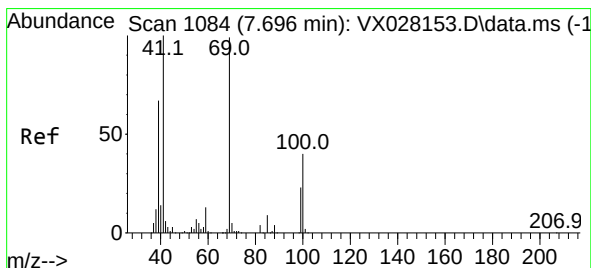
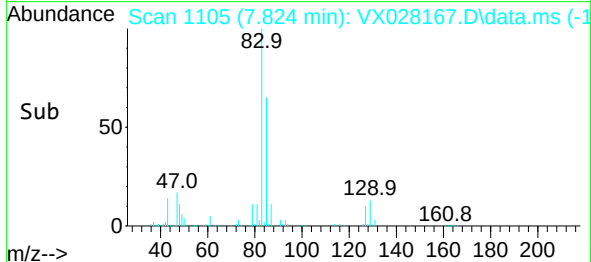
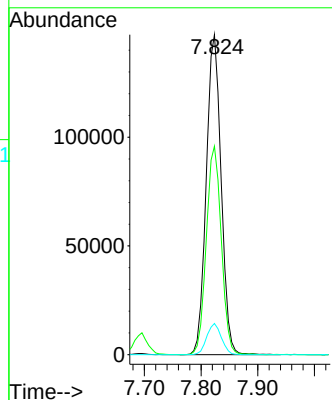
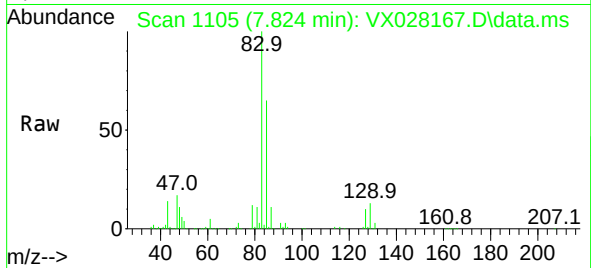




#47
 Bromodichloromethane
 Concen: 42.482 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

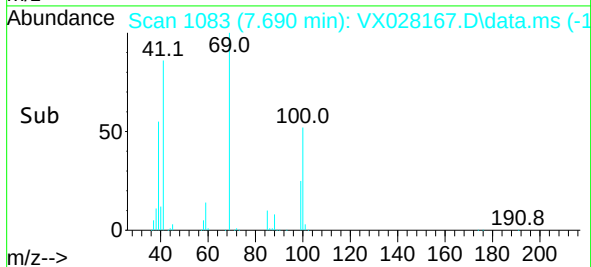
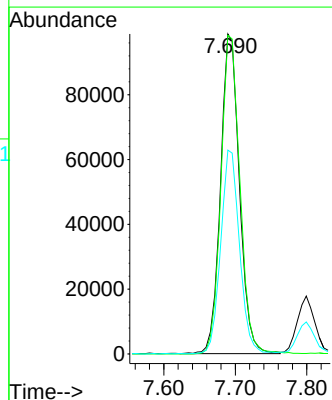
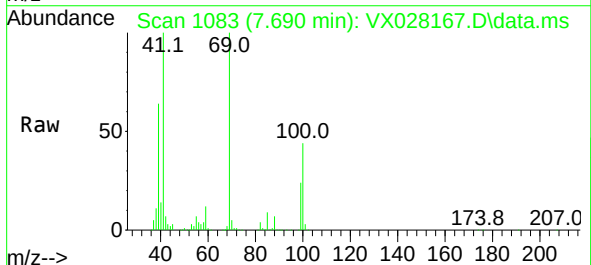
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

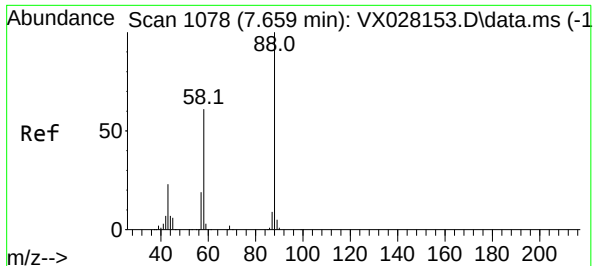
Tgt Ion: 83 Resp: 268013
 Ion Ratio Lower Upper
 83 100
 85 65.1 52.2 78.2
 127 9.7 6.8 10.2



#48
 Methyl methacrylate
 Concen: 40.753 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. -0.006 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

Tgt Ion: 41 Resp: 180450
 Ion Ratio Lower Upper
 41 100
 69 100.3 82.5 123.7
 39 63.4 43.8 65.8





#49

1,4-Dioxane

Concen: 724.978 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

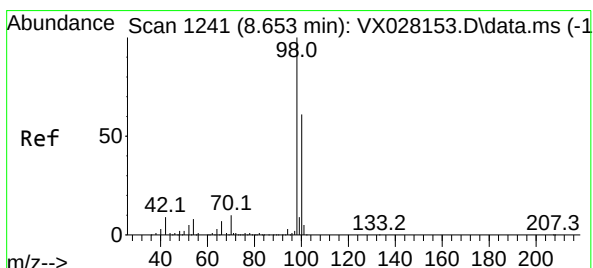
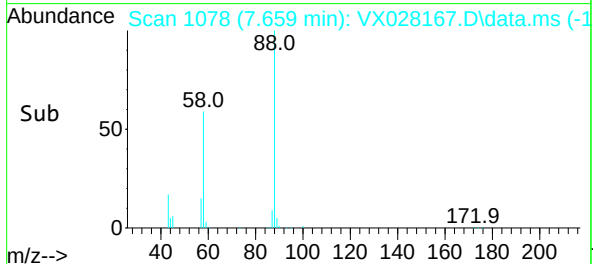
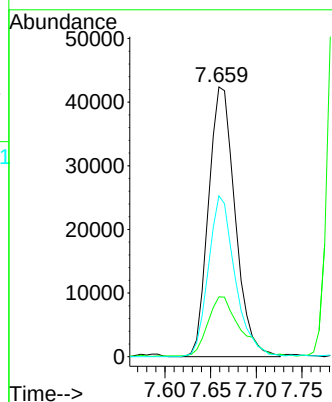
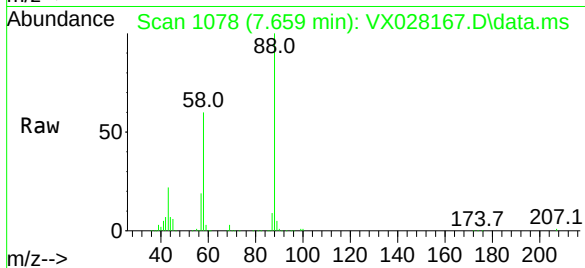
Tgt Ion: 88 Resp: 85877

Ion Ratio Lower Upper

88 100

43 26.9 21.9 32.9

58 59.8 53.7 80.5



#50

Toluene-d8

Concen: 43.679 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028167.D

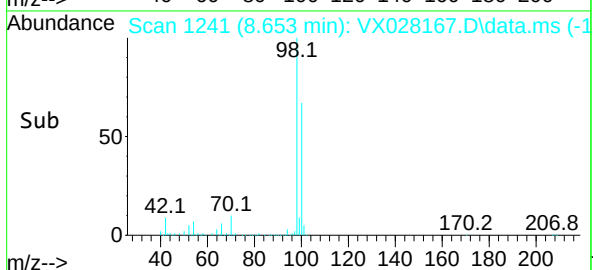
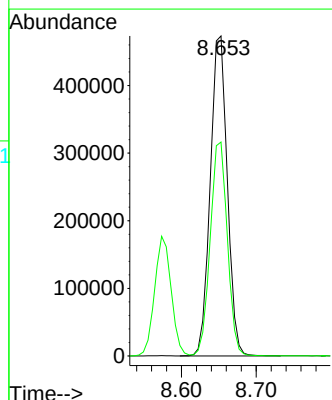
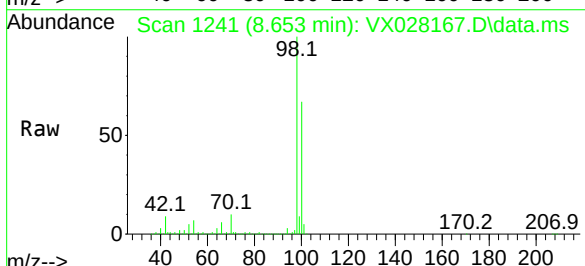
Acq: 19 Apr 2022 18:10

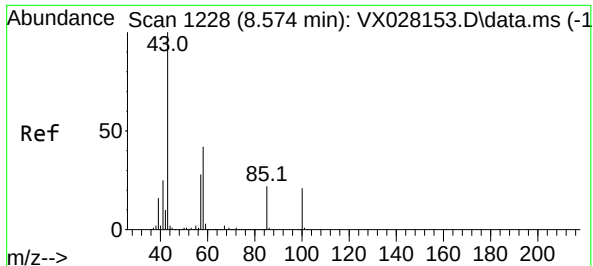
Tgt Ion: 98 Resp: 751105

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 195.613 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

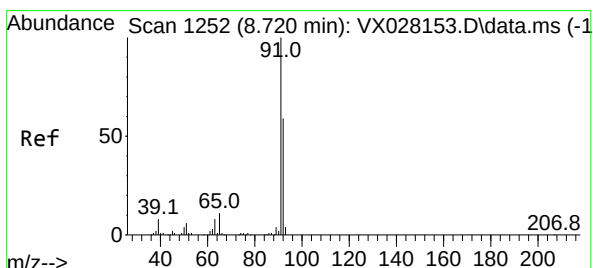
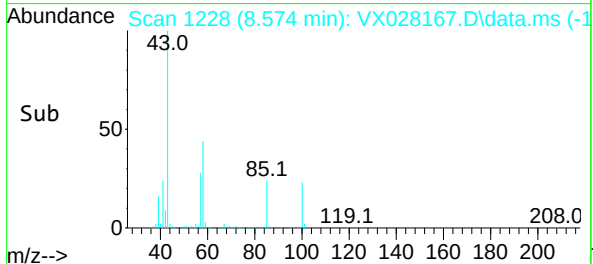
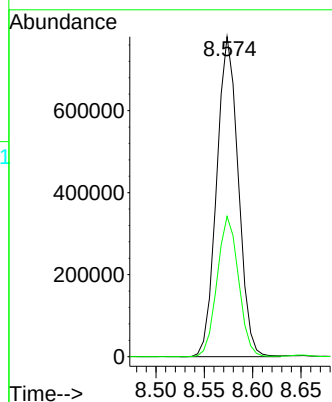
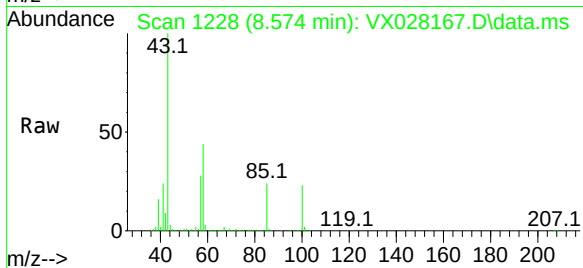
VSTDCCC050

Tgt Ion: 43 Resp: 1210641

Ion Ratio Lower Upper

43 100

58 43.4 36.1 54.1



#52

Toluene

Concen: 43.314 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028167.D

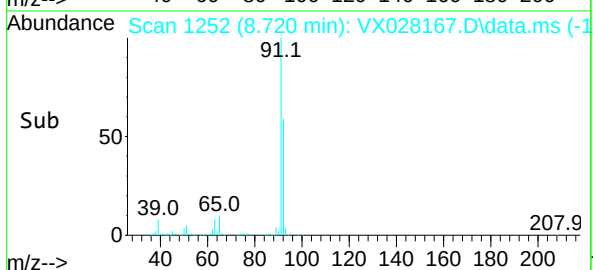
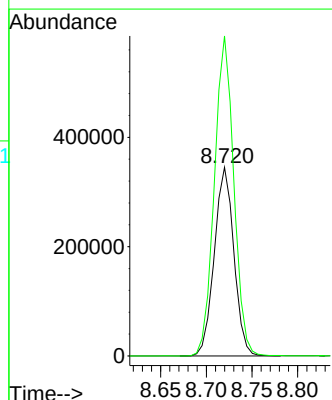
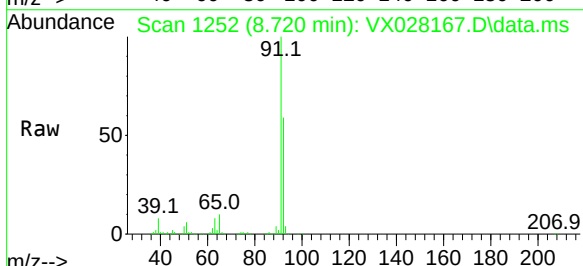
Acq: 19 Apr 2022 18:10

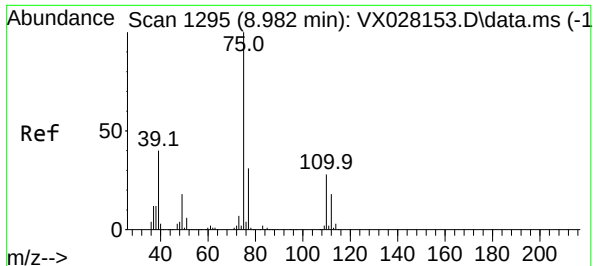
Tgt Ion: 92 Resp: 514433

Ion Ratio Lower Upper

92 100

91 168.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 44.618 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

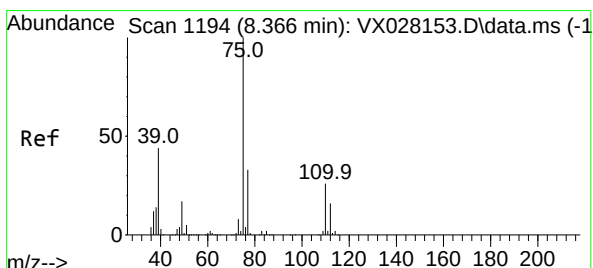
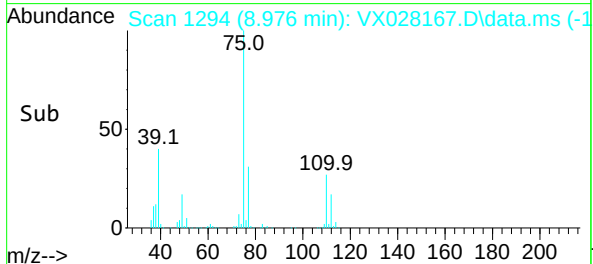
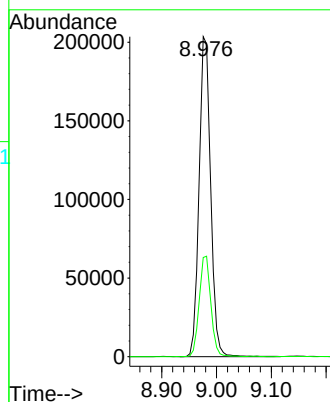
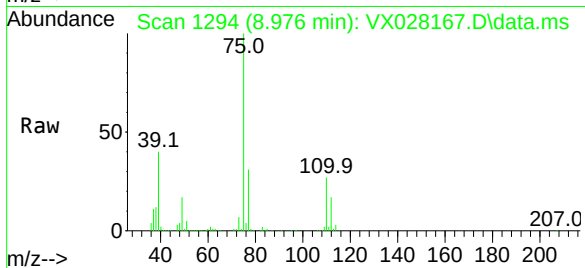
VSTDCCC050

Tgt Ion: 75 Resp: 299160

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 44.184 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

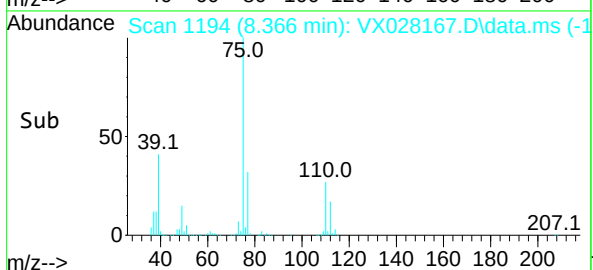
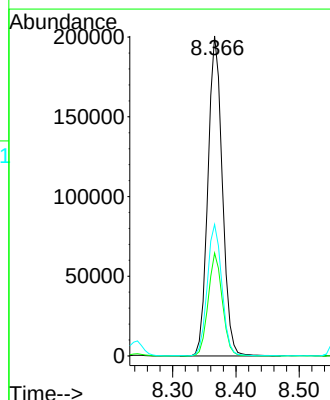
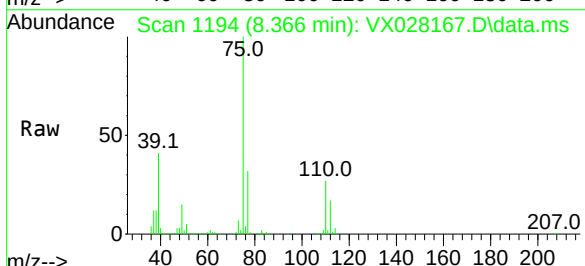
Tgt Ion: 75 Resp: 318130

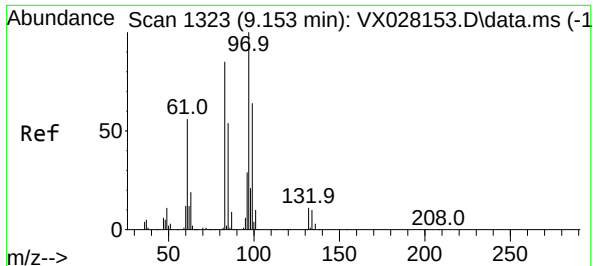
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 41.0 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 43.677 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 210767

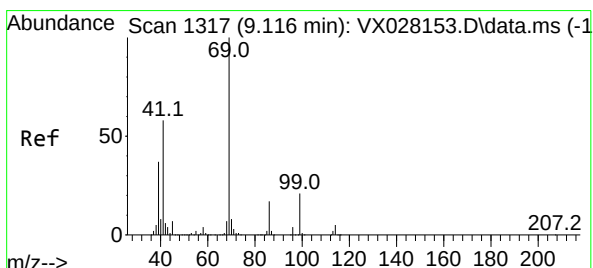
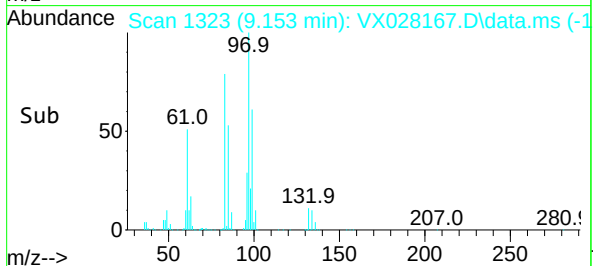
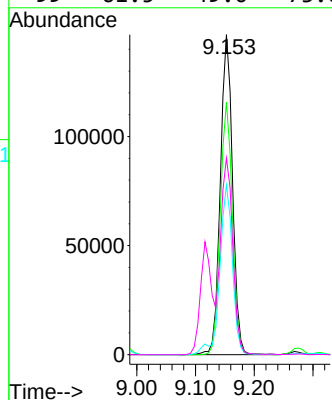
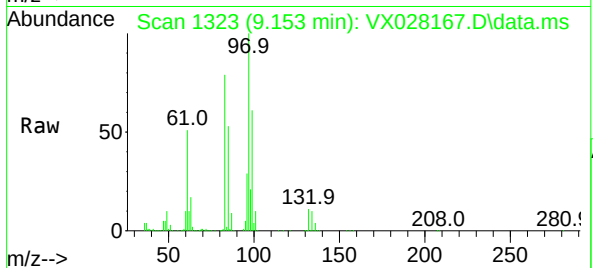
Ion Ratio Lower Upper

97 100

83 78.9 66.2 99.4

85 53.0 42.9 64.3

99 61.5 49.0 73.6



#56

Ethyl methacrylate

Concen: 43.571 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

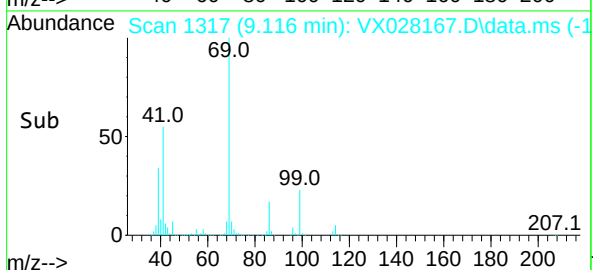
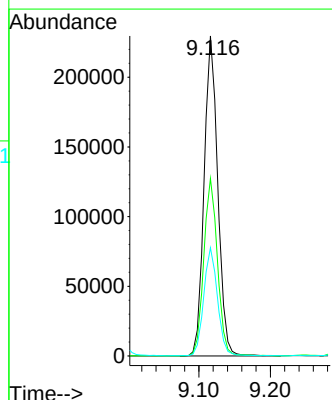
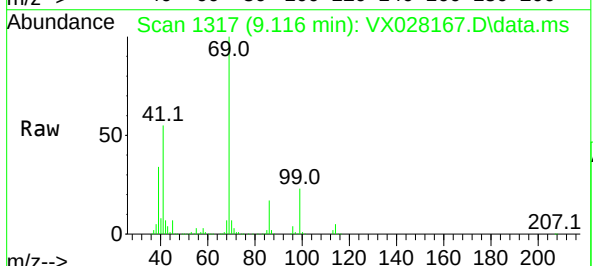
Tgt Ion: 69 Resp: 304781

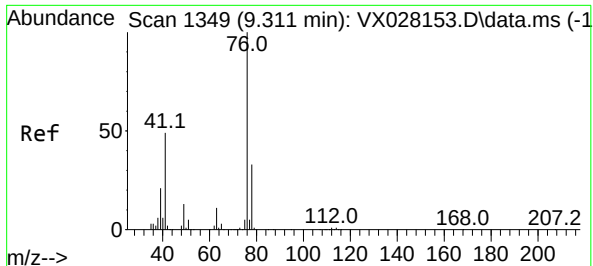
Ion Ratio Lower Upper

69 100

41 55.4 43.8 65.6

39 34.0 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 42.275 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

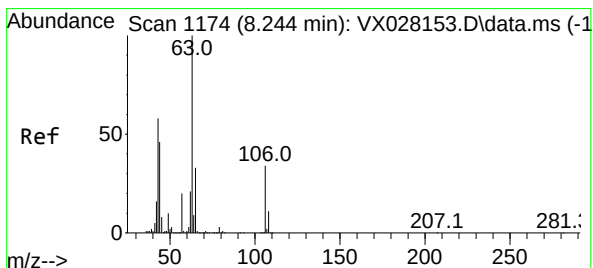
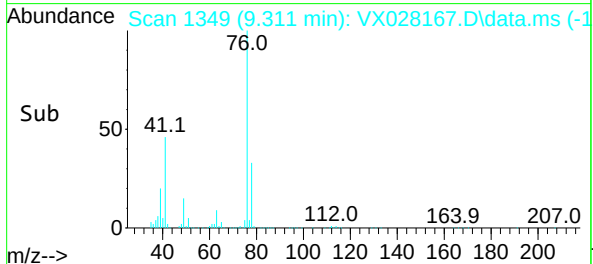
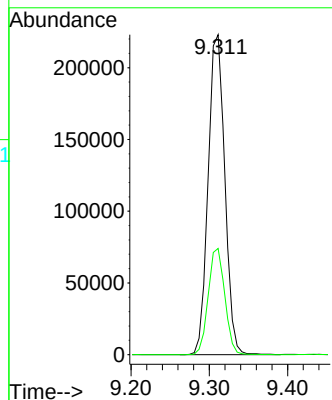
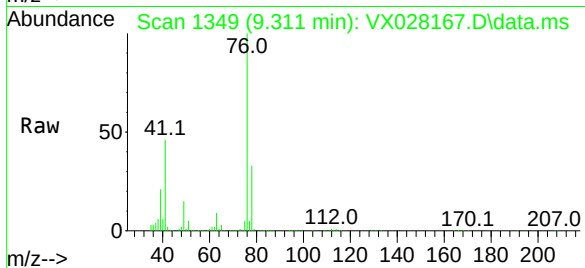
VSTDCCC050

Tgt Ion: 76 Resp: 329272

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 224.459 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028167.D

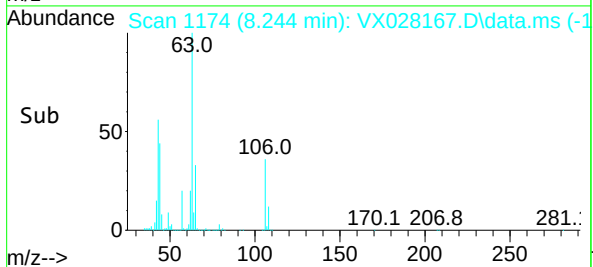
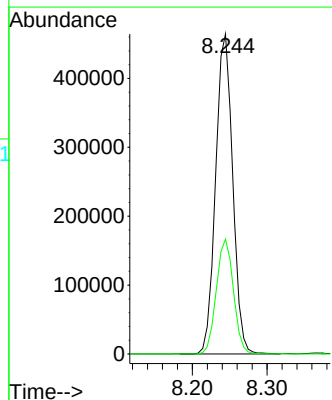
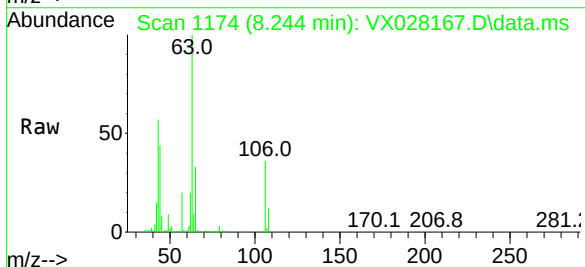
Acq: 19 Apr 2022 18:10

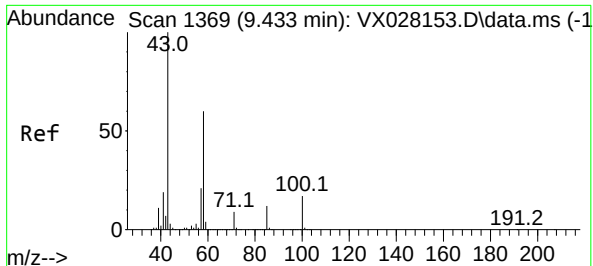
Tgt Ion: 63 Resp: 736678

Ion Ratio Lower Upper

63 100

106 36.0 23.9 35.9#





#59

2-Hexanone

Concen: 195.423 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

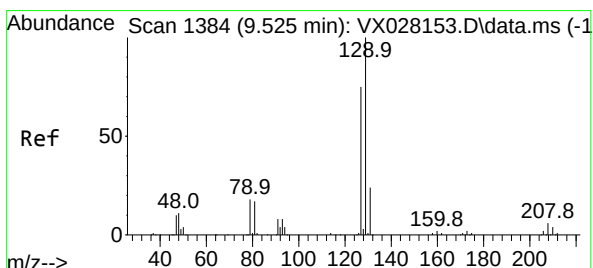
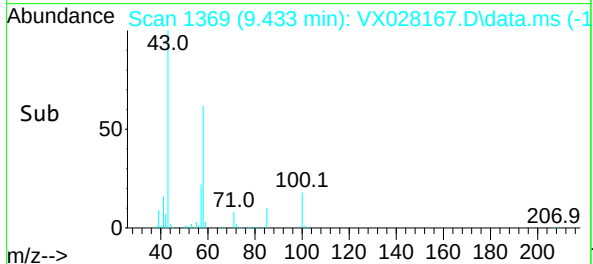
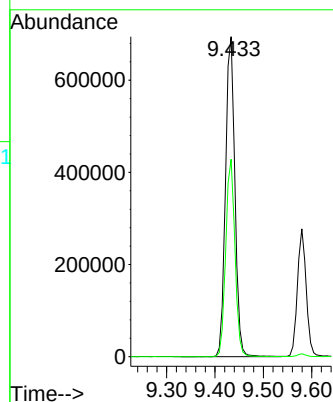
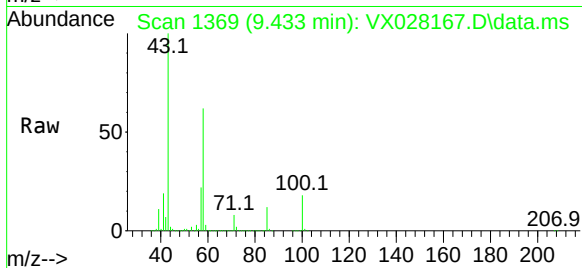
VSTDCCC050

Tgt Ion: 43 Resp: 936870

Ion Ratio Lower Upper

43 100

58 60.7 31.9 95.7



#60

Dibromochloromethane

Concen: 45.182 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028167.D

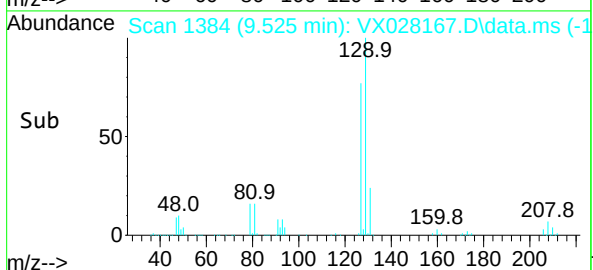
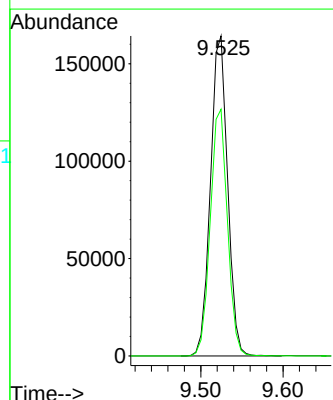
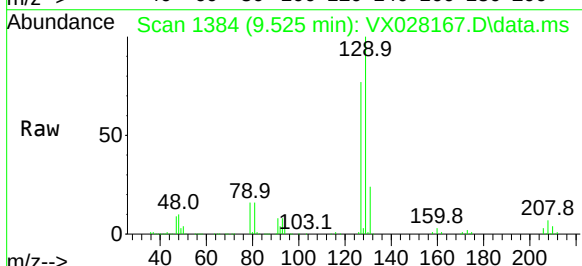
Acq: 19 Apr 2022 18:10

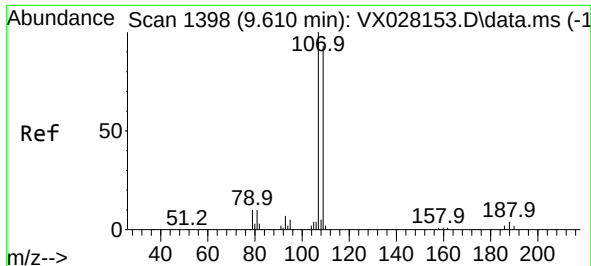
Tgt Ion: 129 Resp: 237690

Ion Ratio Lower Upper

129 100

127 77.3 40.3 120.8

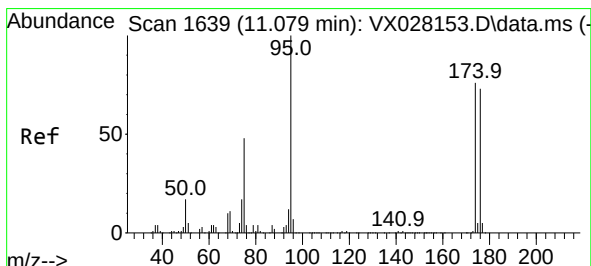
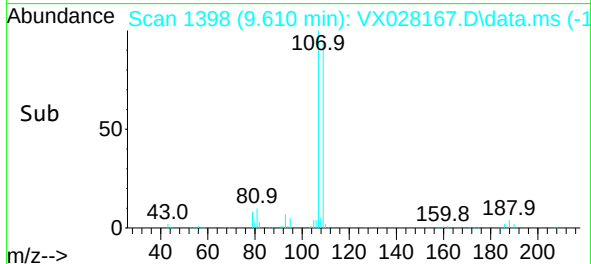
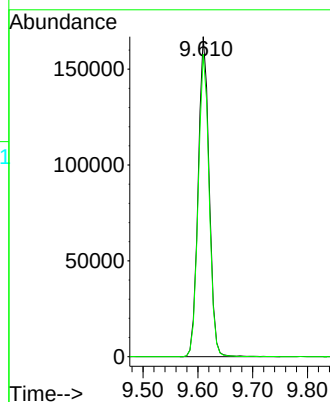
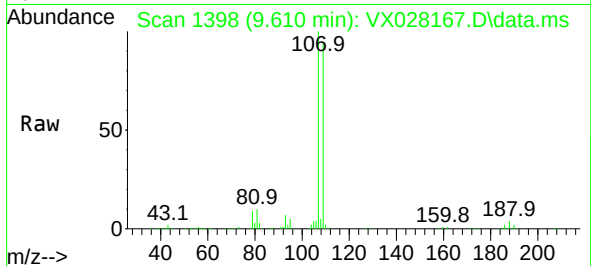




#61
1,2-Dibromoethane
Concen: 44.103 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

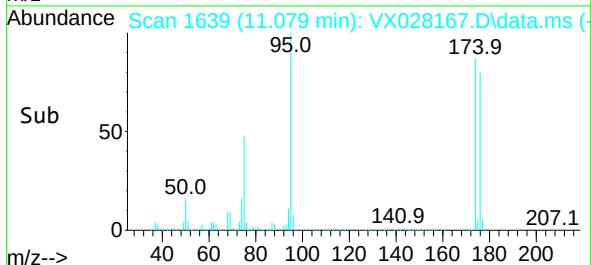
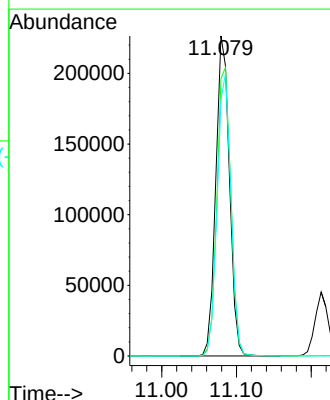
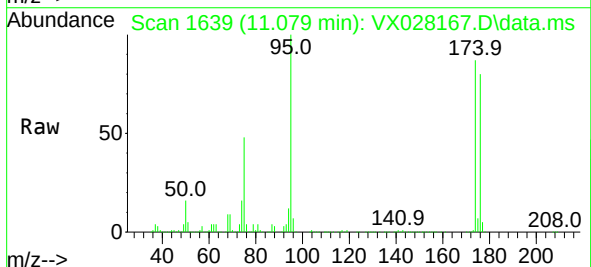
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

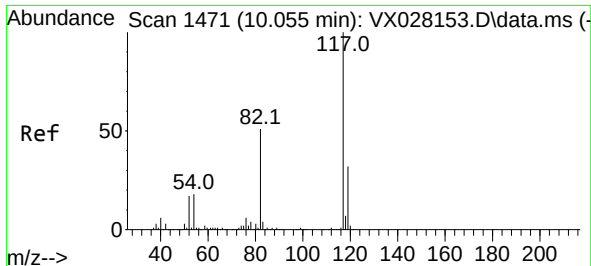
Tgt Ion:107 Resp: 233482
Ion Ratio Lower Upper
107 100
109 93.9 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 43.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 95 Resp: 287297
Ion Ratio Lower Upper
95 100
174 92.2 0.0 163.0
176 88.7 0.0 155.0

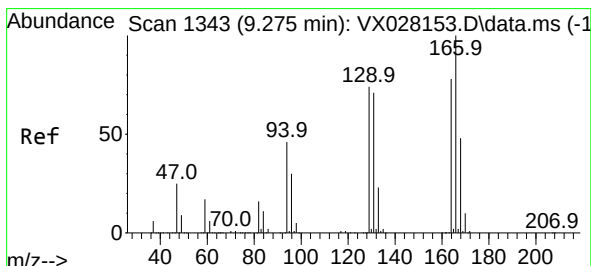
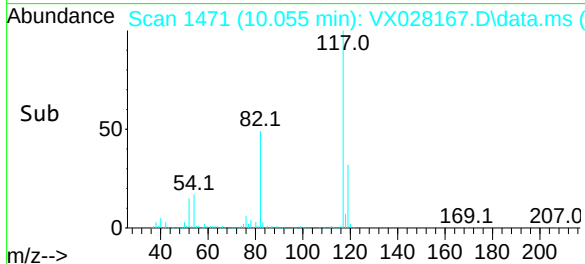
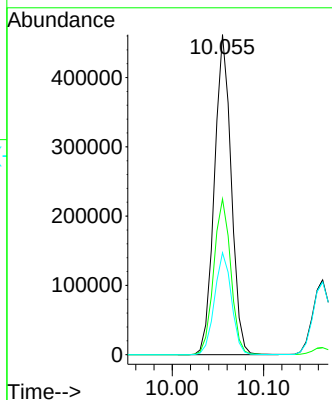
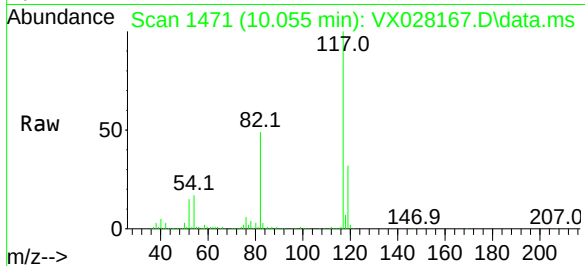




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

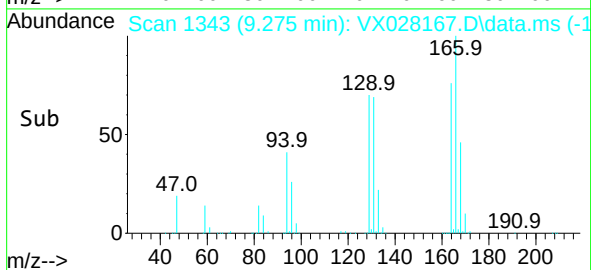
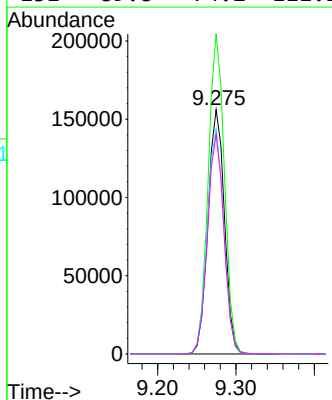
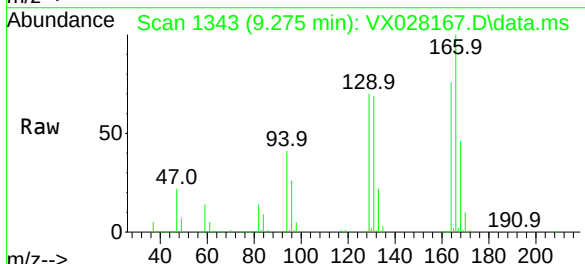
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

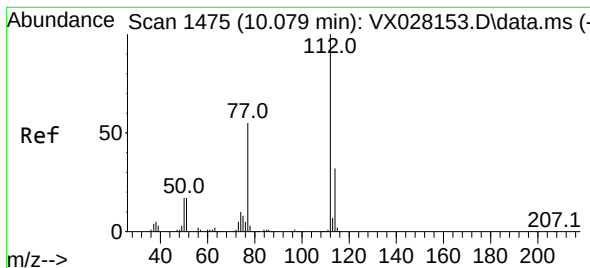
Tgt Ion:117 Resp: 590213
Ion Ratio Lower Upper
117 100
82 48.7 41.8 62.8
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 49.393 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion:164 Resp: 227707
Ion Ratio Lower Upper
164 100
166 131.0 101.2 151.8
129 92.1 73.0 109.4
131 89.8 74.2 111.2





#65

Chlorobenzene

Concen: 46.702 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

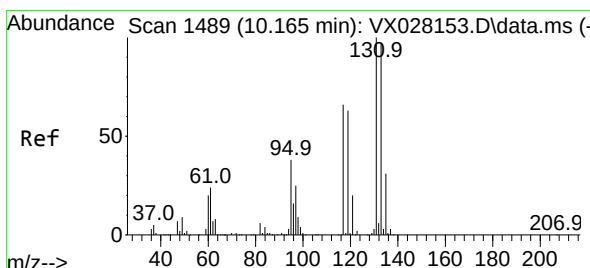
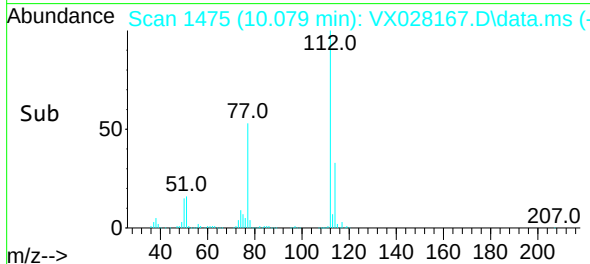
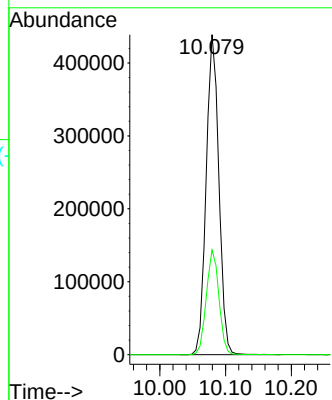
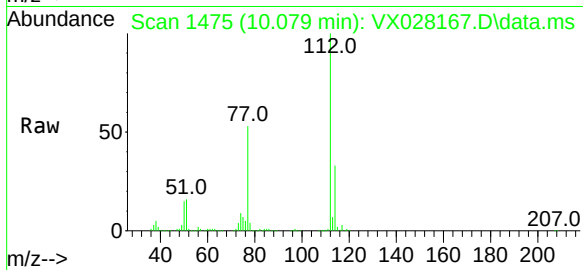
VSTDCCC050

Tgt Ion:112 Resp: 587697

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 48.453 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

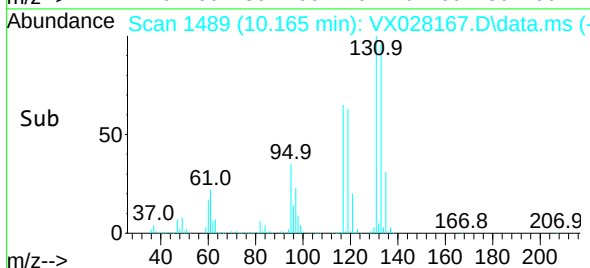
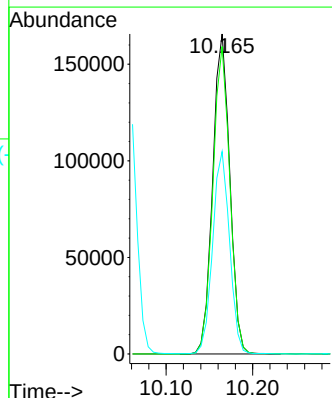
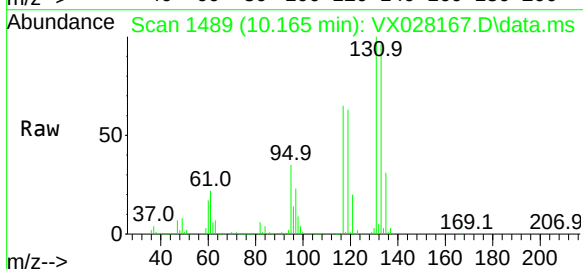
Tgt Ion:131 Resp: 227132

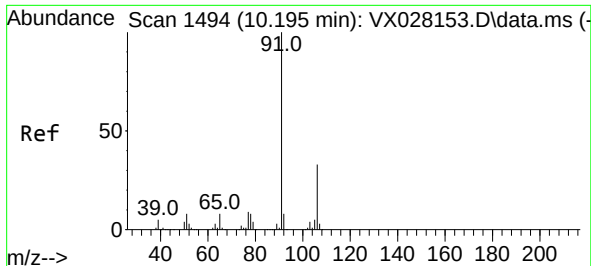
Ion Ratio Lower Upper

131 100

133 95.5 48.3 144.8

119 62.8 32.6 98.0





#67

Ethyl Benzene

Concen: 47.183 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

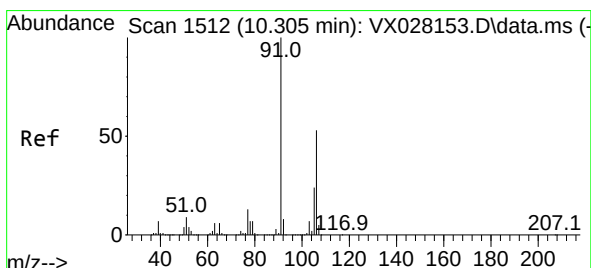
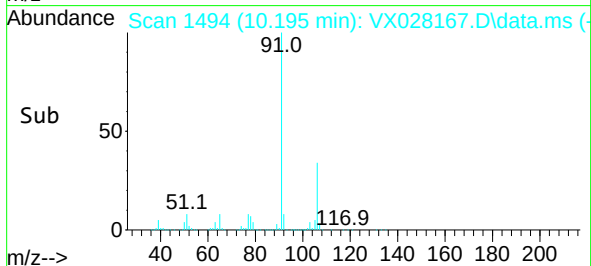
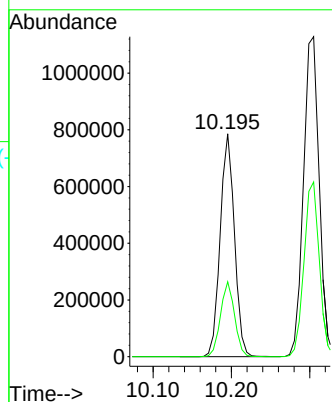
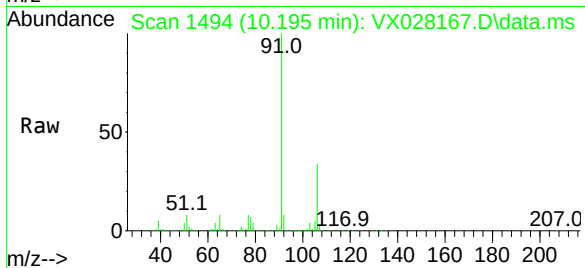
VSTDCCC050

Tgt Ion: 91 Resp: 995610

Ion Ratio Lower Upper

91 100

106 33.6 24.6 36.8



#68

m/p-Xylenes

Concen: 97.664 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028167.D

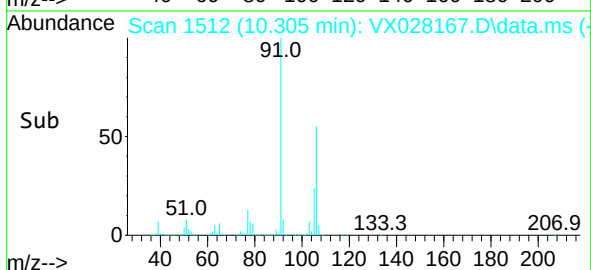
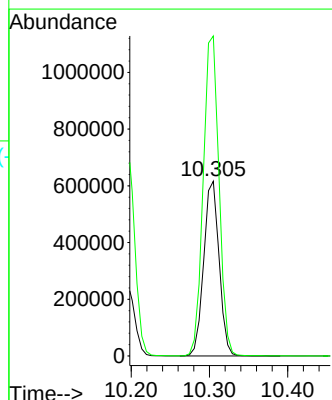
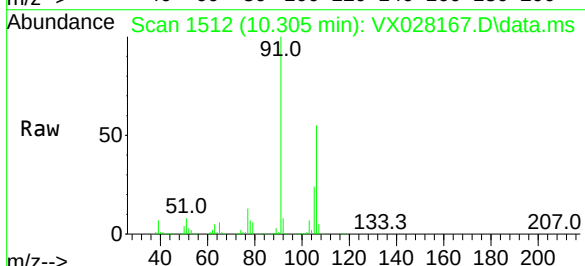
Acq: 19 Apr 2022 18:10

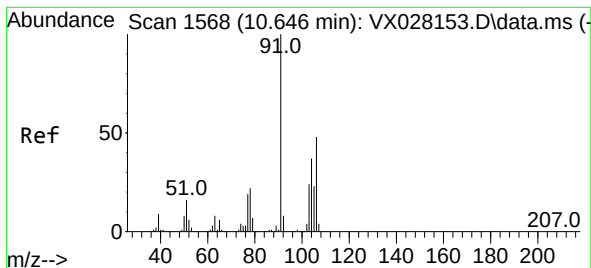
Tgt Ion: 106 Resp: 838728

Ion Ratio Lower Upper

106 100

91 187.8 160.4 240.6

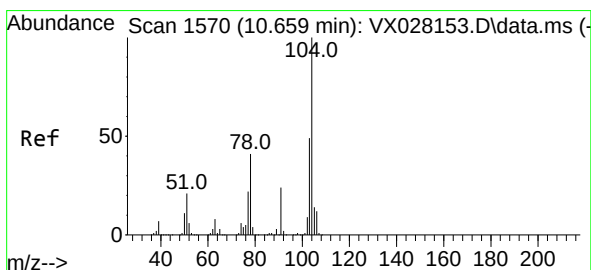
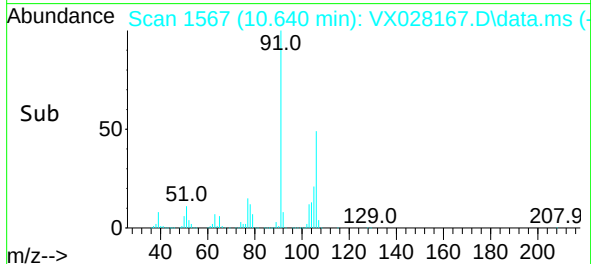
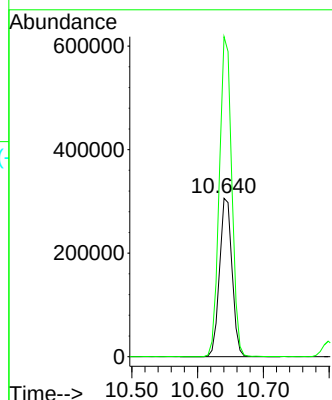
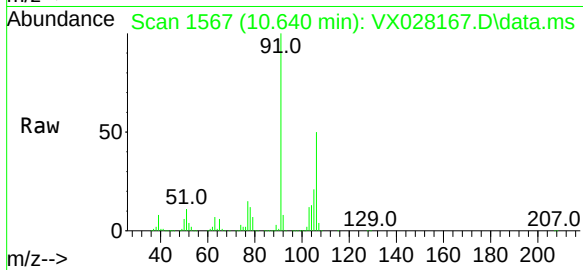




#69
o-Xylene
Concen: 47.299 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

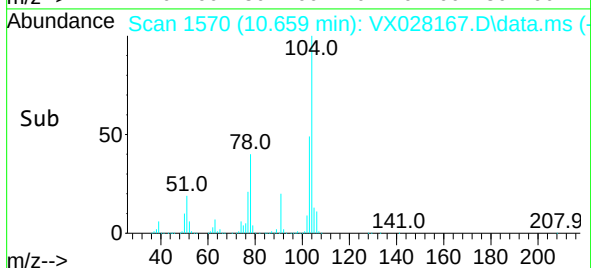
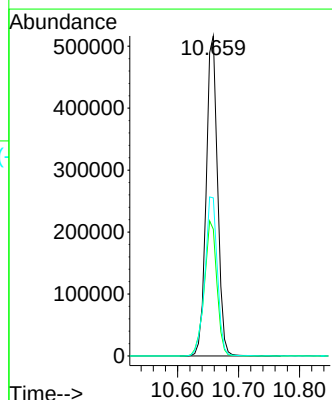
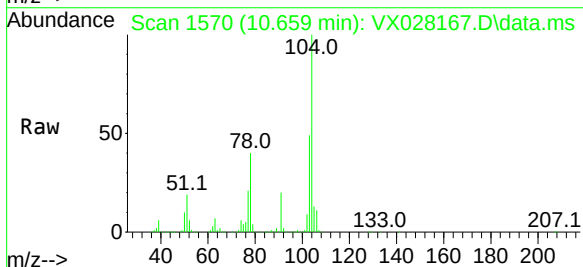
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

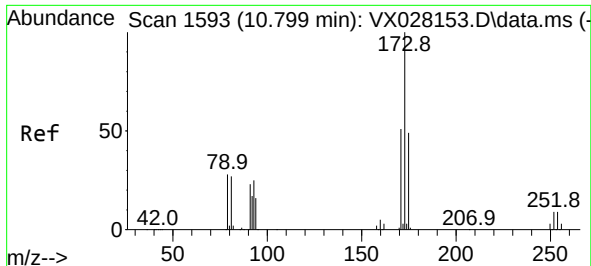
Tgt Ion:106 Resp: 404984
Ion Ratio Lower Upper
106 100
91 201.5 106.1 318.1



#70
Styrene
Concen: 48.470 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion:104 Resp: 672345
Ion Ratio Lower Upper
104 100
78 46.5 38.6 57.8
103 54.6 43.8 65.8

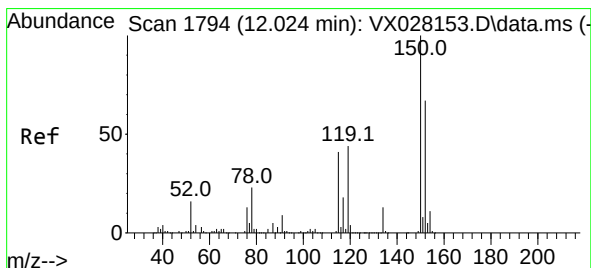
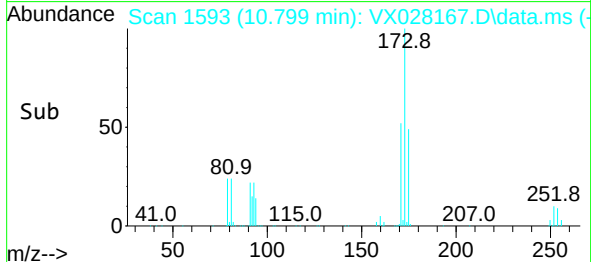
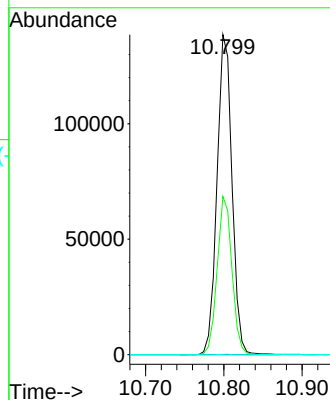
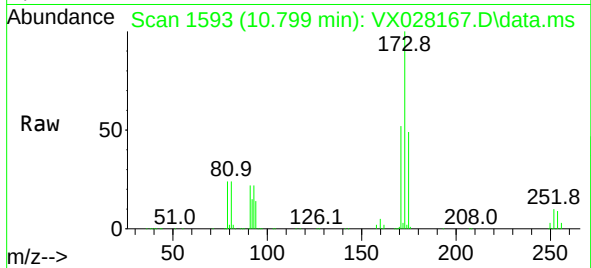




#71
Bromoform
Concen: 43.140 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

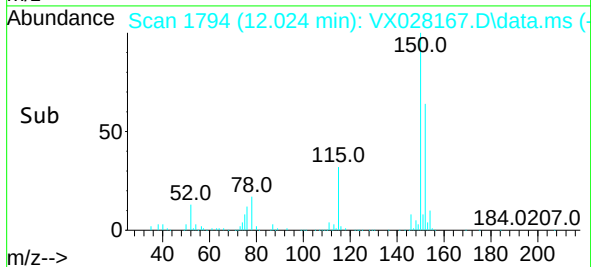
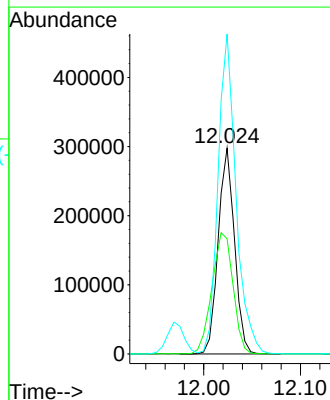
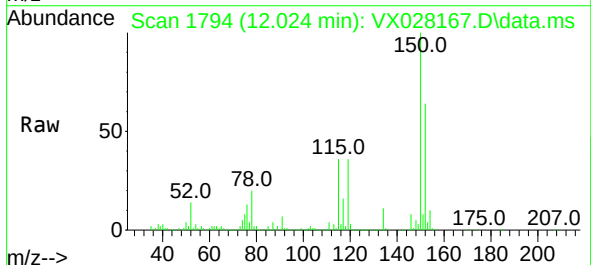
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

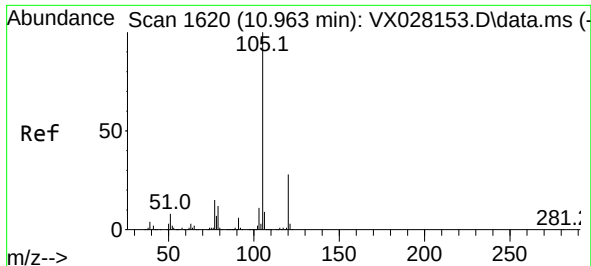
Tgt Ion:173 Resp: 184326
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion:152 Resp: 347403
Ion Ratio Lower Upper
152 100
115 76.3 37.5 112.7
150 171.5 0.0 338.2

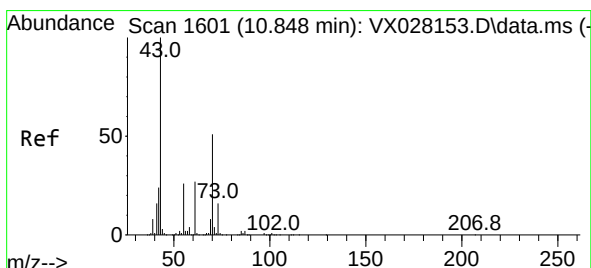
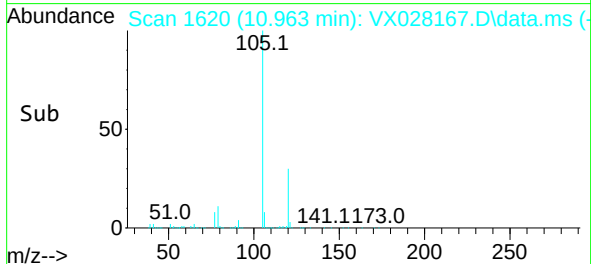
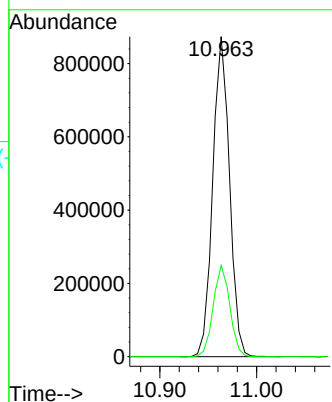
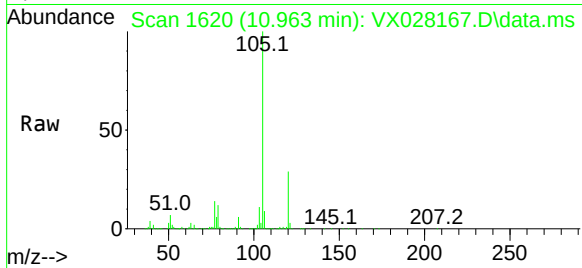




#73
Isopropylbenzene
Concen: 44.032 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

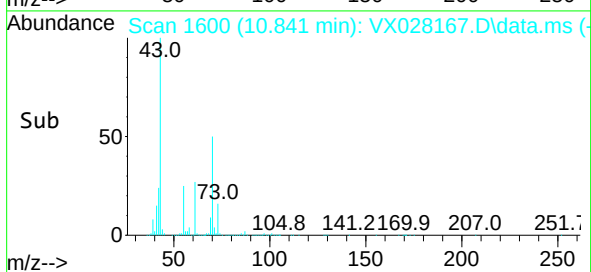
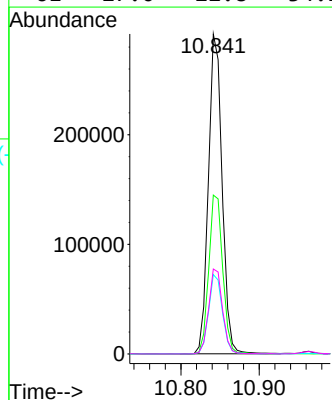
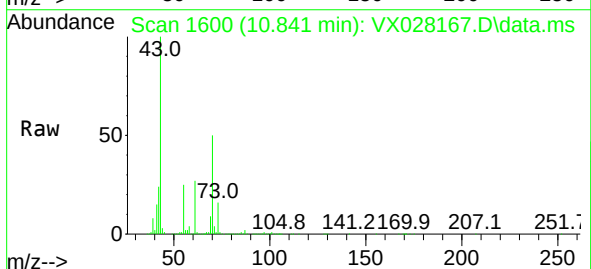
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

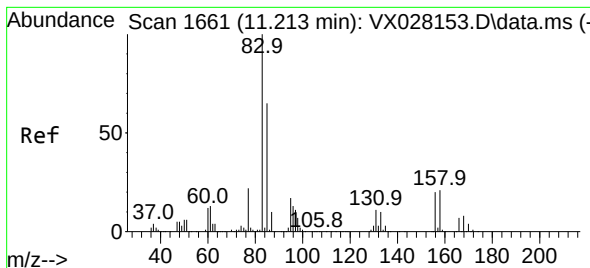
Tgt Ion:105 Resp: 1051400
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.5



#74
N-ethyl acetate
Concen: 42.844 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 43 Resp: 353601
Ion Ratio Lower Upper
43 100
70 50.8 42.5 63.7
55 25.0 23.1 34.7
61 27.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 41.576 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

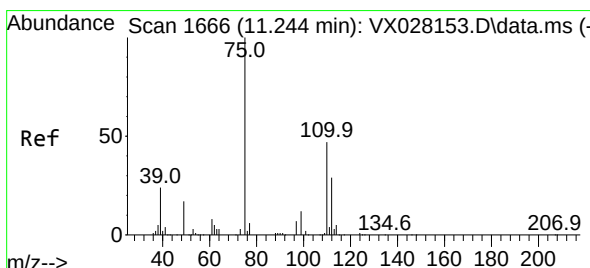
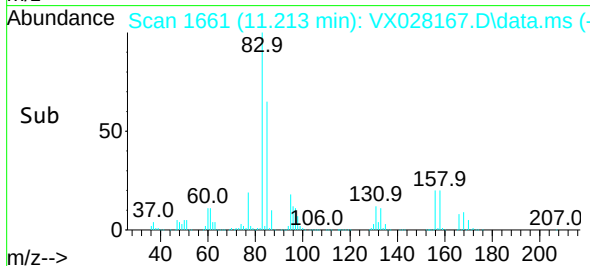
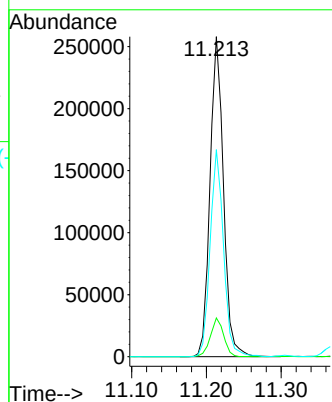
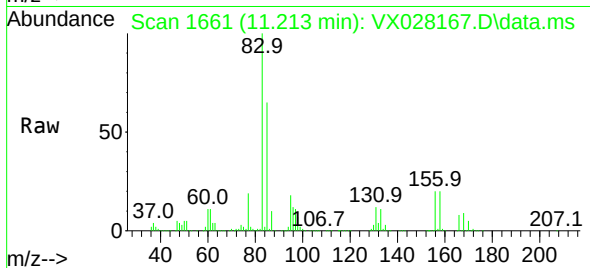
Tgt Ion: 83 Resp: 322154

Ion Ratio Lower Upper

83 100

131 12.1 5.1 15.3

85 64.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 52.296 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX028167.D

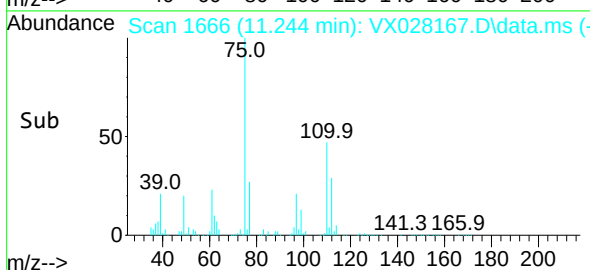
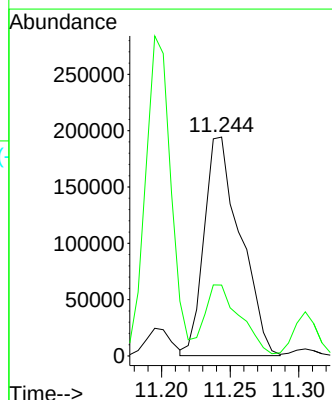
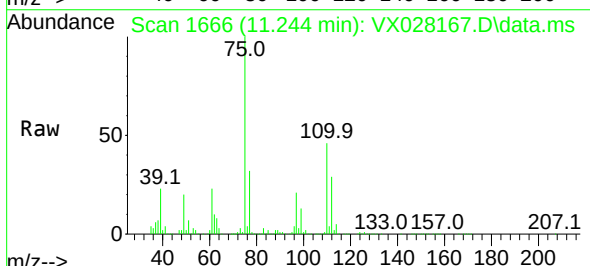
Acq: 19 Apr 2022 18:10

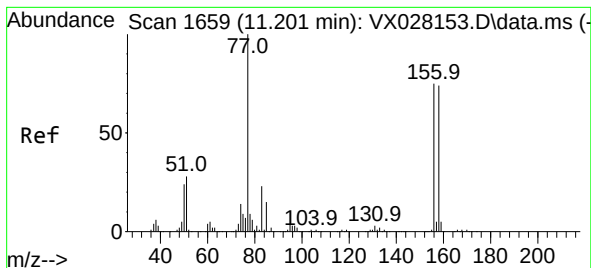
Tgt Ion: 75 Resp: 357555

Ion Ratio Lower Upper

75 100

77 32.3 19.4 58.2





#77

Bromobenzene

Concen: 45.612 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

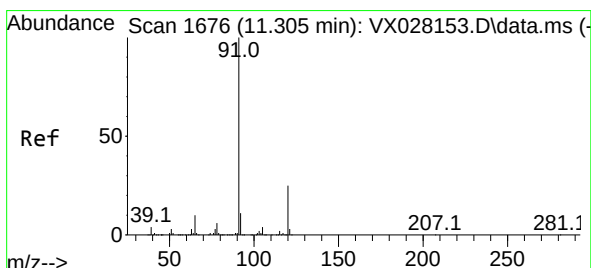
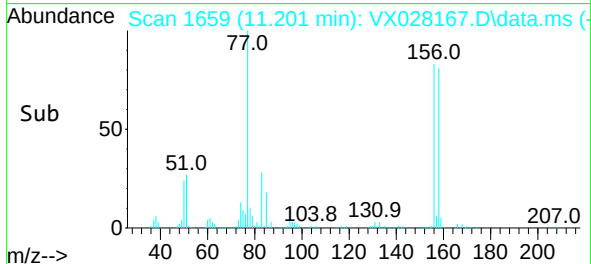
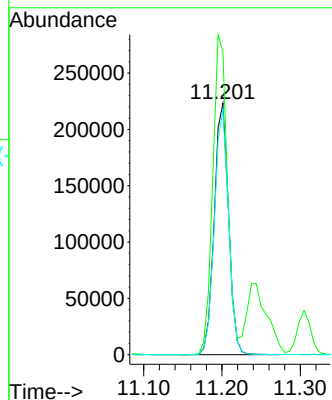
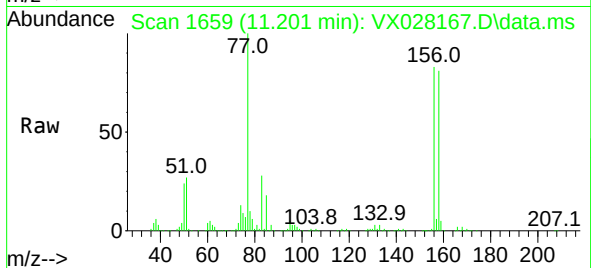
Tgt Ion:156 Resp: 283652

Ion Ratio Lower Upper

156 100

77 128.9 78.5 235.3

158 96.7 50.2 150.7



#78

n-propylbenzene

Concen: 44.588 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028167.D

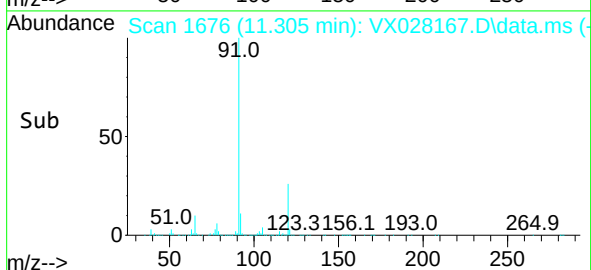
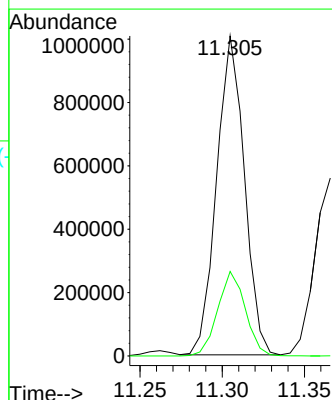
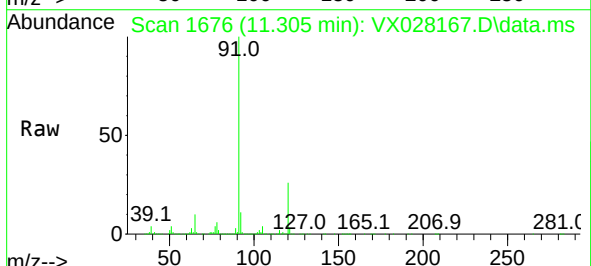
Acq: 19 Apr 2022 18:10

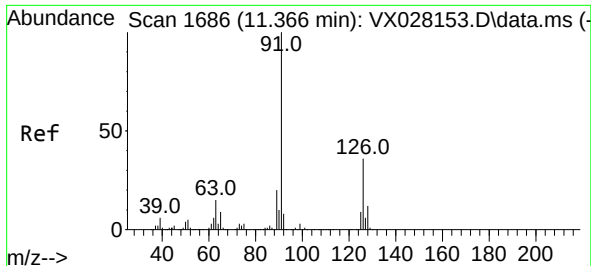
Tgt Ion: 91 Resp: 1180582

Ion Ratio Lower Upper

91 100

120 26.4 11.6 34.8

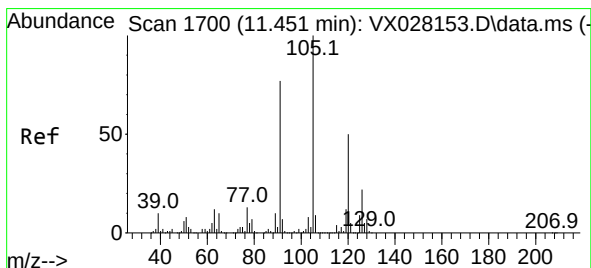
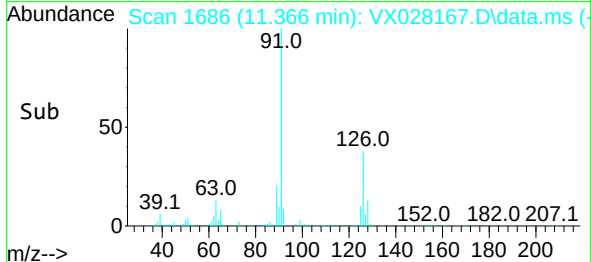
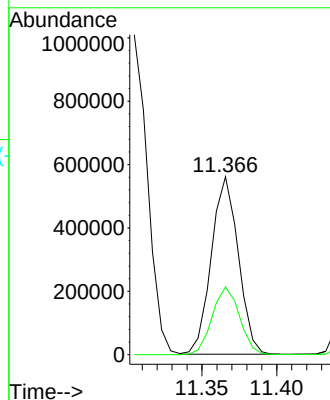
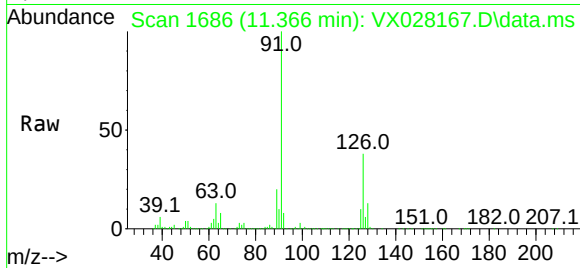




#79
2-Chlorotoluene
Concen: 42.700 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

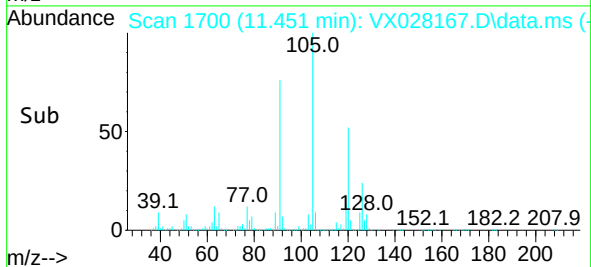
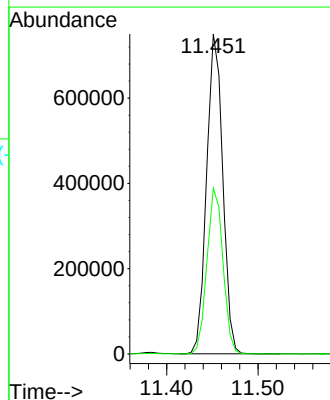
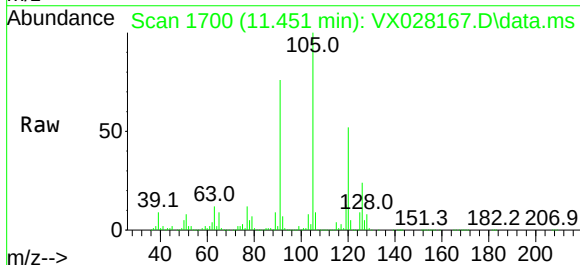
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

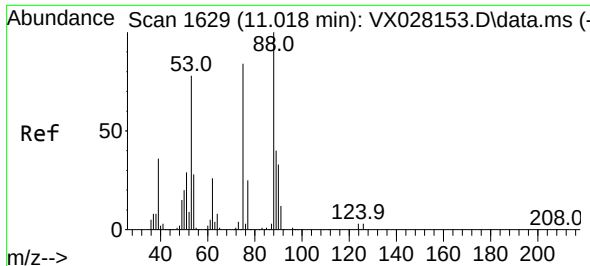
Tgt Ion: 91 Resp: 702906
Ion Ratio Lower Upper
91 100
126 38.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 45.192 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 105 Resp: 915998
Ion Ratio Lower Upper
105 100
120 51.5 24.3 72.9

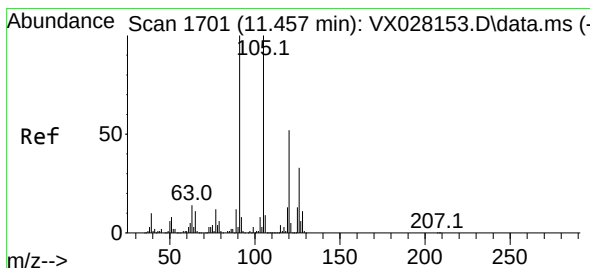
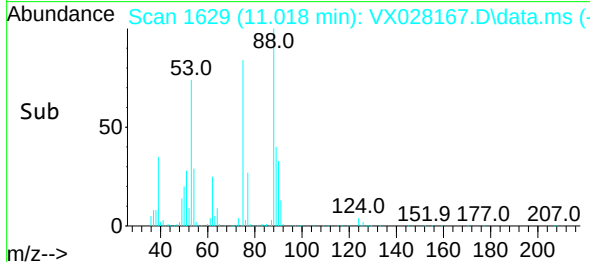
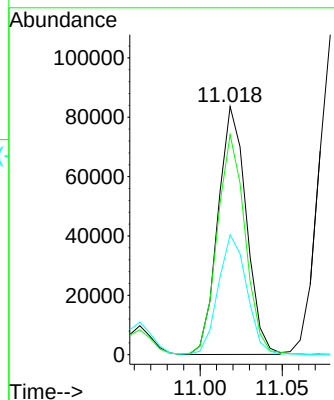
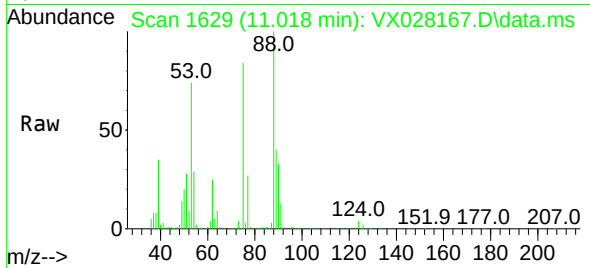




#81
trans-1,4-Dichloro-2-butene
Concen: 43.573 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

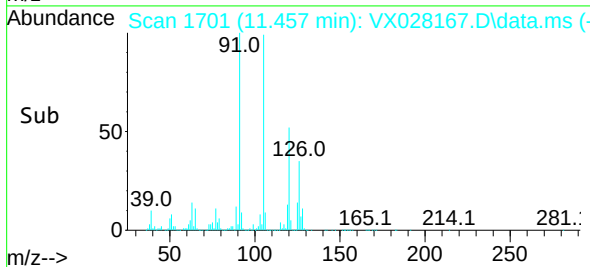
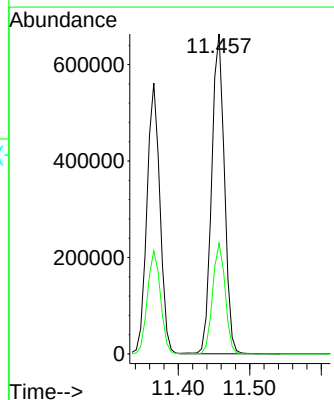
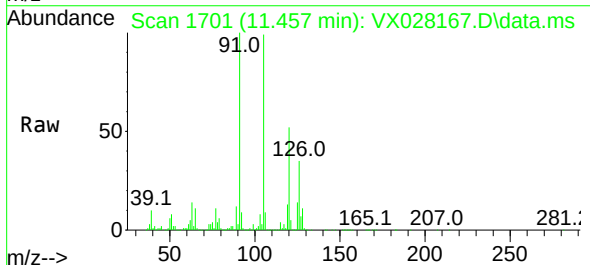
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

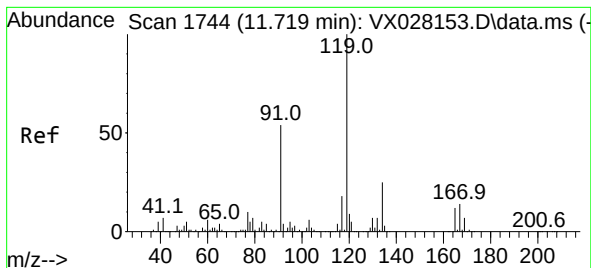
Tgt Ion: 75 Resp: 100250
Ion Ratio Lower Upper
75 100
53 86.9 69.0 103.4
89 48.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 43.264 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 91 Resp: 820375
Ion Ratio Lower Upper
91 100
126 34.0 14.9 44.5





#83

tert-Butylbenzene

Concen: 45.353 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

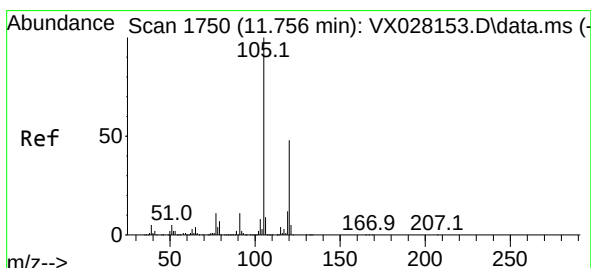
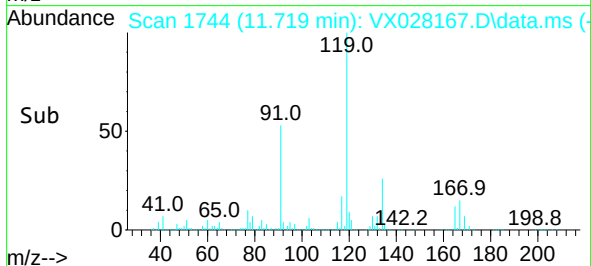
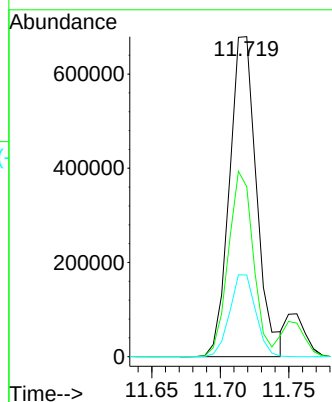
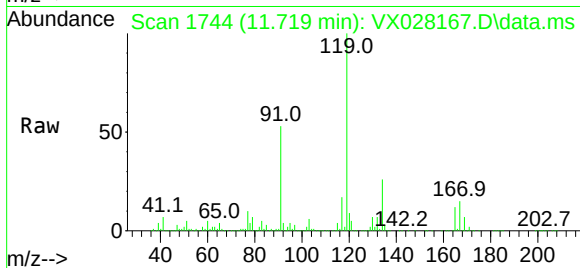
Tgt Ion:119 Resp: 938691

Ion Ratio Lower Upper

119 100

91 53.3 26.9 80.6

134 24.5 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 45.830 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX028167.D

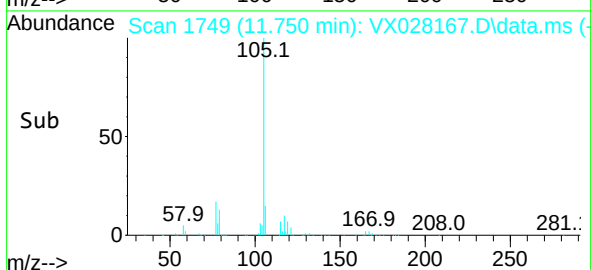
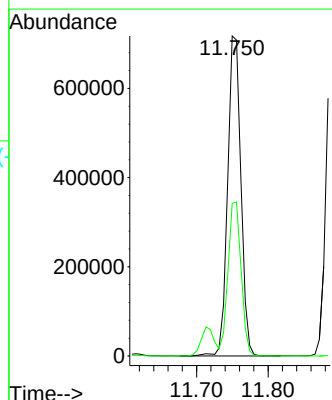
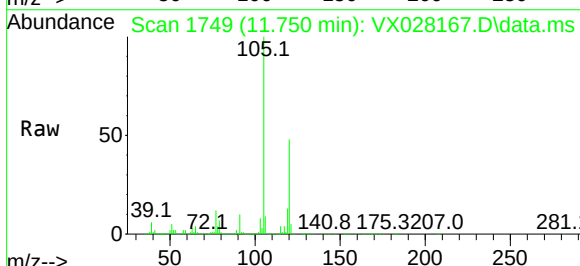
Acq: 19 Apr 2022 18:10

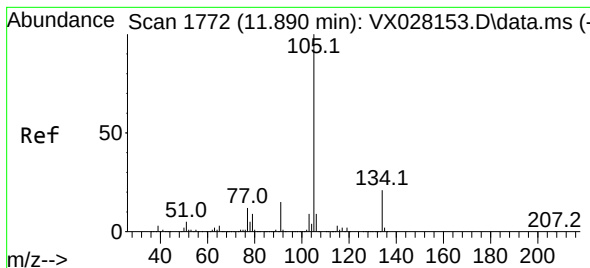
Tgt Ion:105 Resp: 923413

Ion Ratio Lower Upper

105 100

120 47.6 22.6 67.8





#85

sec-Butylbenzene

Concen: 45.764 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

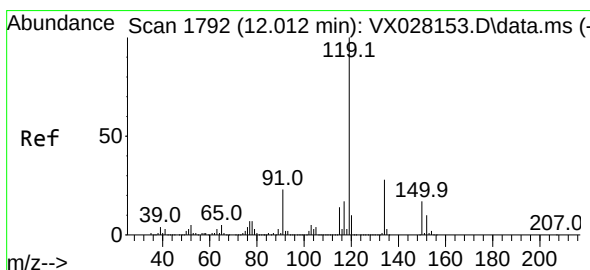
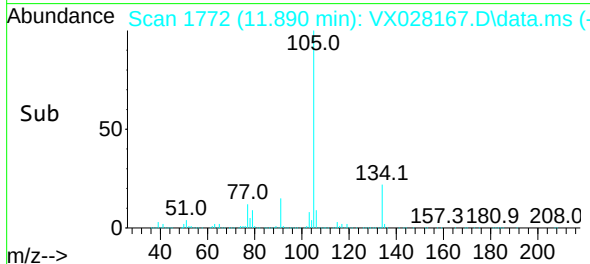
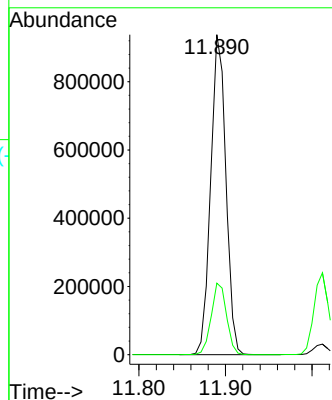
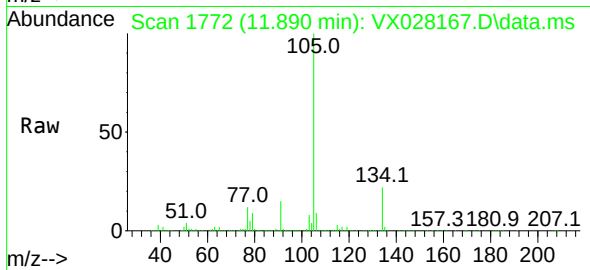
VSTDCCC050

Tgt Ion:105 Resp: 1142742

Ion Ratio Lower Upper

105 100

134 22.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.263 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

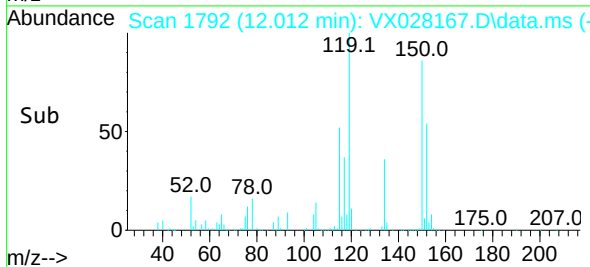
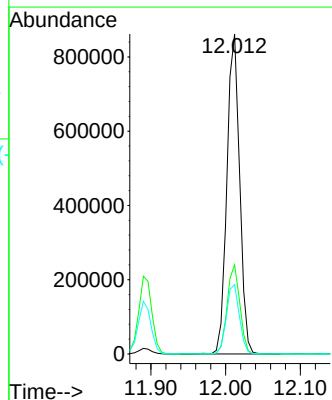
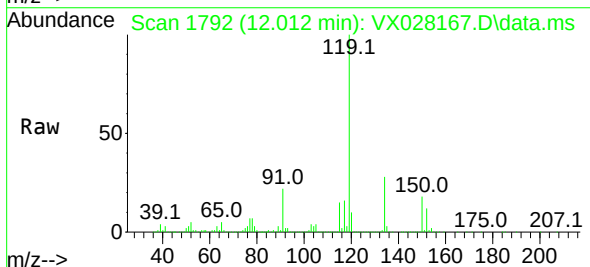
Tgt Ion:119 Resp: 1018132

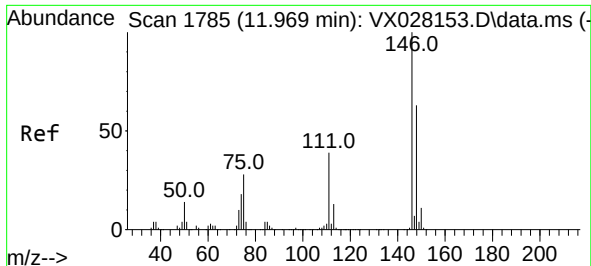
Ion Ratio Lower Upper

119 100

134 27.8 13.0 39.0

91 22.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.120 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

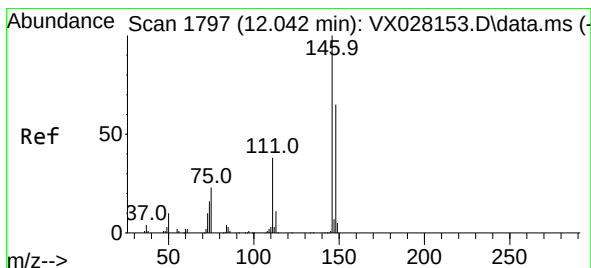
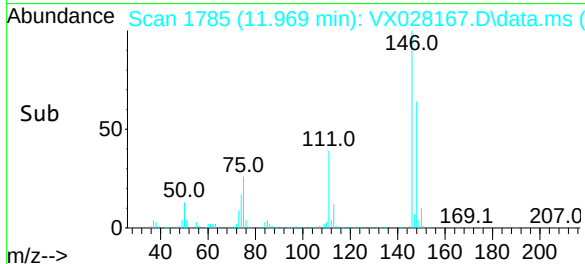
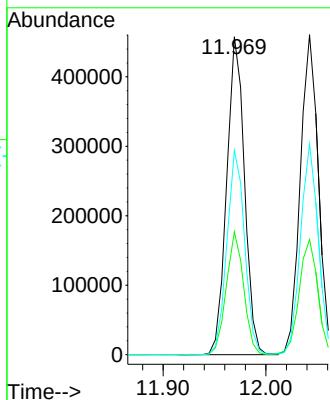
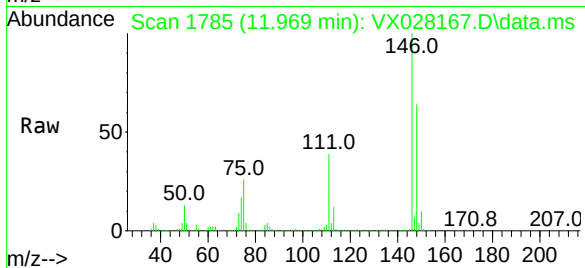
Tgt Ion:146 Resp: 550601

Ion Ratio Lower Upper

146 100

111 37.8 19.7 59.1

148 64.1 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 45.776 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

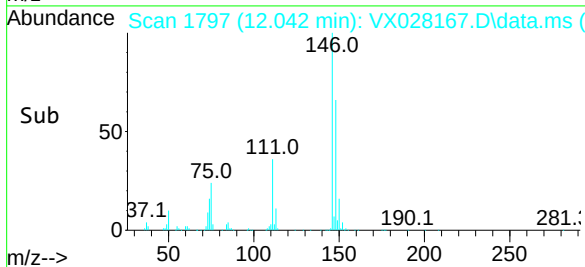
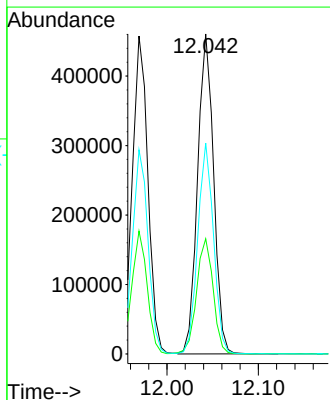
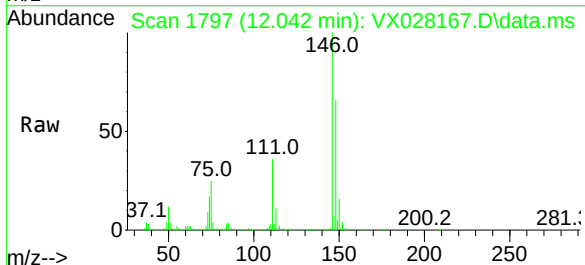
Tgt Ion:146 Resp: 561631

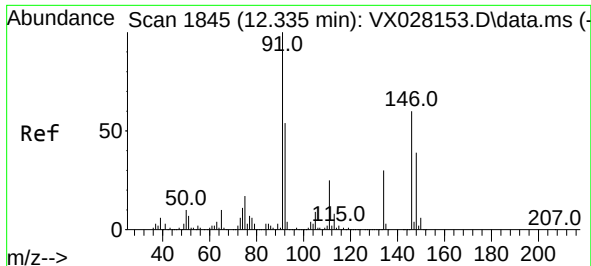
Ion Ratio Lower Upper

146 100

111 37.0 19.2 57.6

148 65.0 32.3 96.9

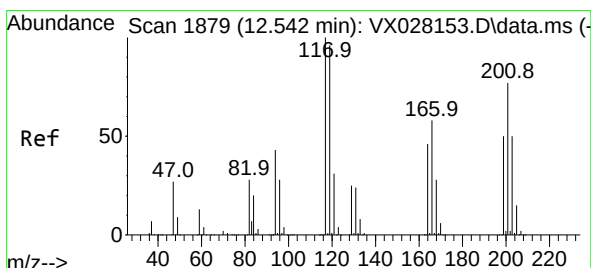
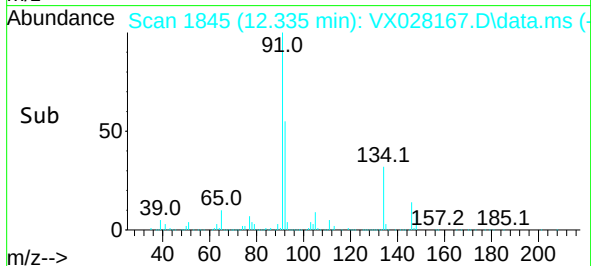
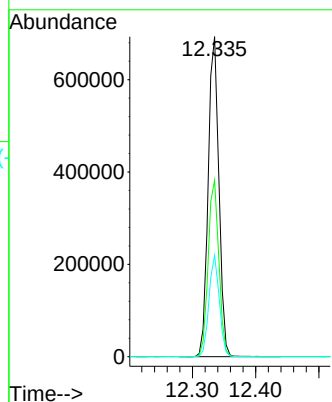
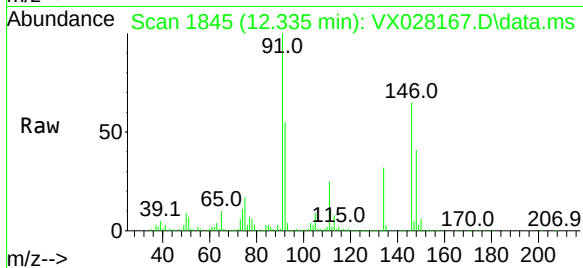




#89
n-Butylbenzene
Concen: 46.161 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

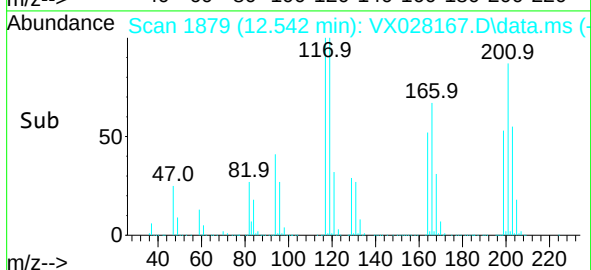
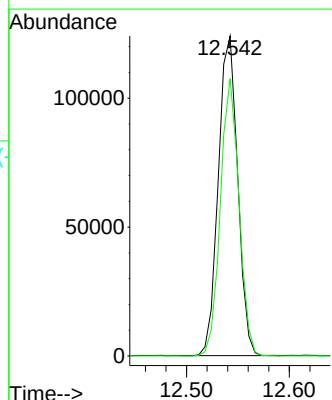
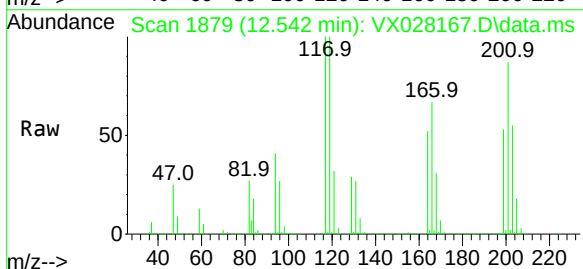
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

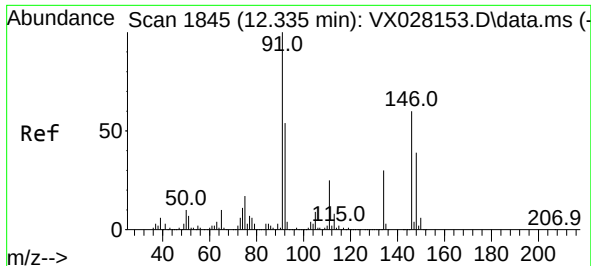
Tgt Ion: 91 Resp: 816519
Ion Ratio Lower Upper
91 100
92 55.0 27.8 83.3
134 30.6 13.3 39.8



#90
Hexachloroethane
Concen: 42.080 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028167.D
Acq: 19 Apr 2022 18:10

Tgt Ion: 117 Resp: 161951
Ion Ratio Lower Upper
117 100
201 83.4 39.5 118.5

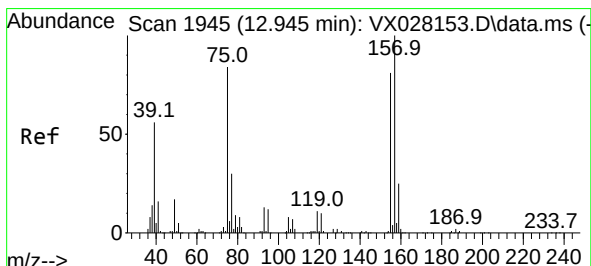
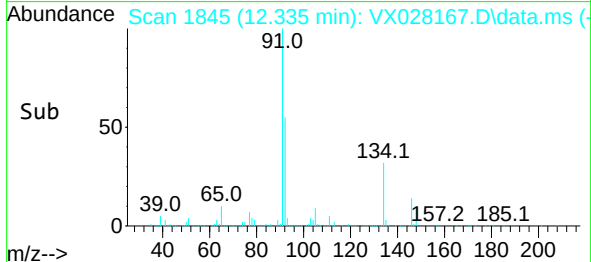
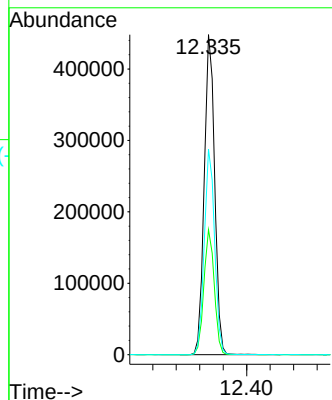
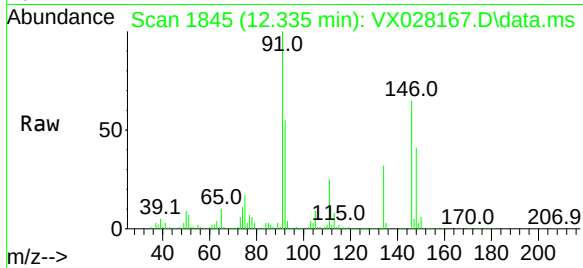




#91
 1,2-Dichlorobenzene
 Concen: 47.605 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

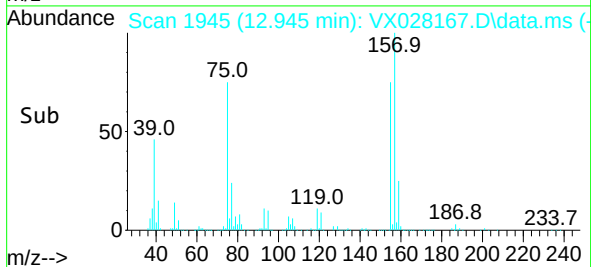
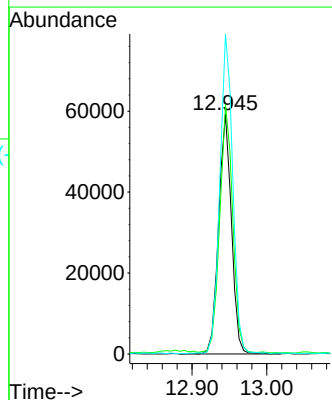
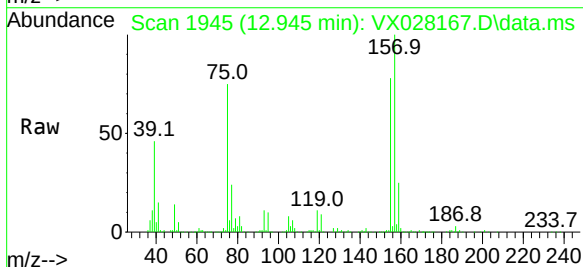
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

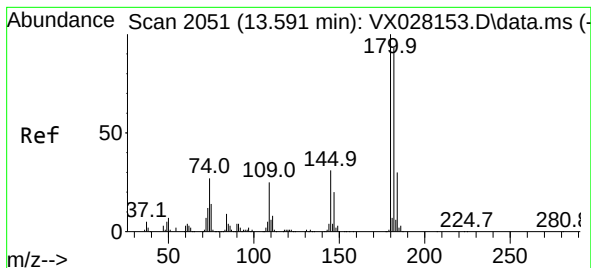
Tgt Ion:146 Resp: 552599
 Ion Ratio Lower Upper
 146 100
 111 39.0 21.0 63.0
 148 63.9 32.6 97.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.283 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX028167.D
 Acq: 19 Apr 2022 18:10

Tgt Ion: 75 Resp: 71141
 Ion Ratio Lower Upper
 75 100
 155 103.6 47.0 141.2
 157 133.7 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 50.574 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

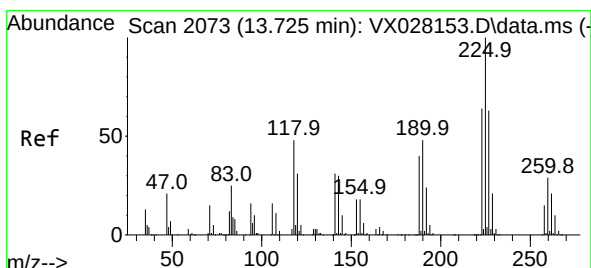
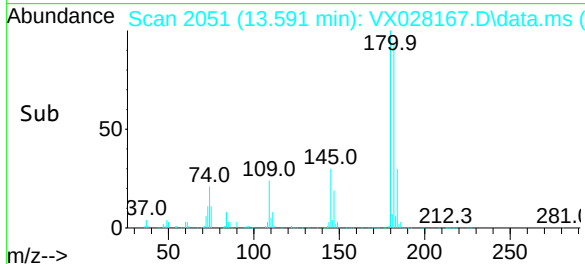
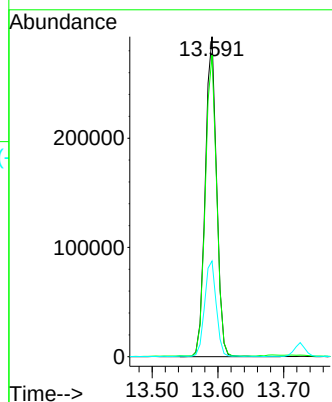
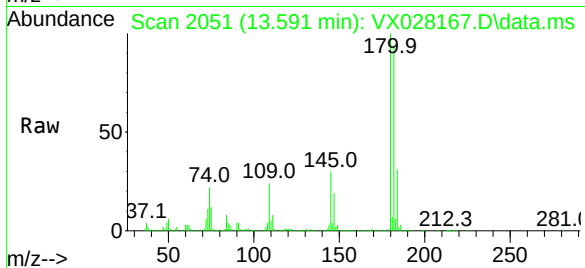
Tgt Ion:180 Resp: 349166

Ion Ratio Lower Upper

180 100

182 94.3 47.7 143.1

145 31.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 47.321 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

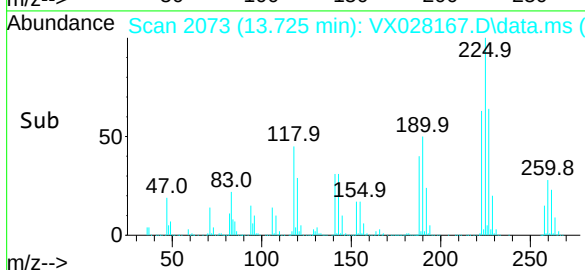
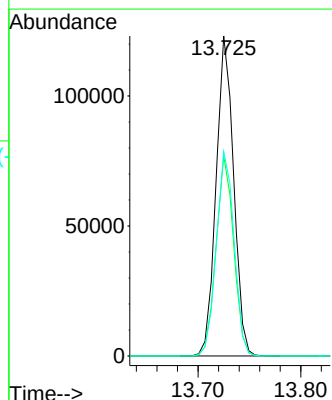
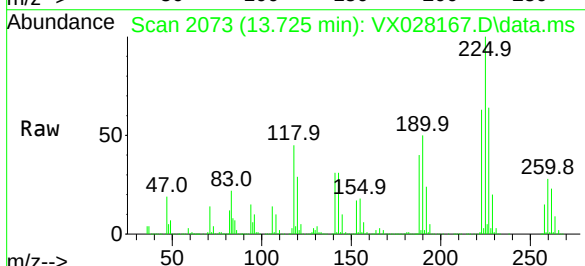
Tgt Ion:225 Resp: 145785

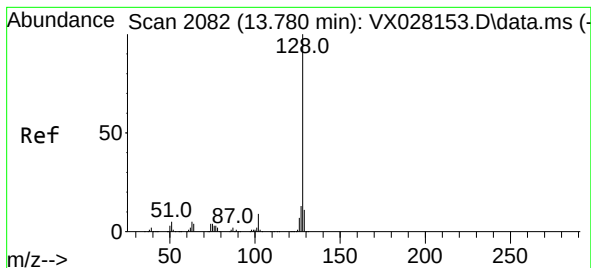
Ion Ratio Lower Upper

225 100

223 62.7 34.2 102.5

227 64.5 33.9 101.7





#95

Naphthalene

Concen: 49.599 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

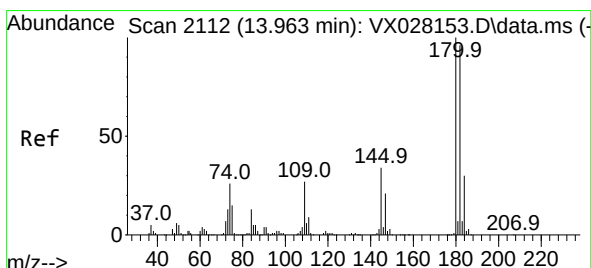
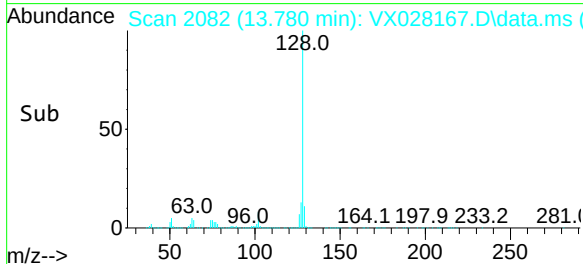
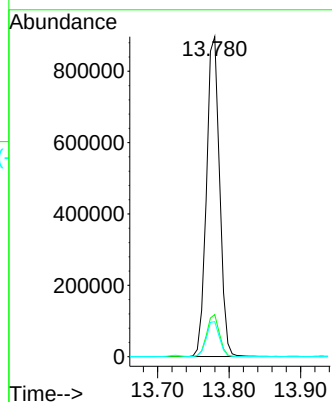
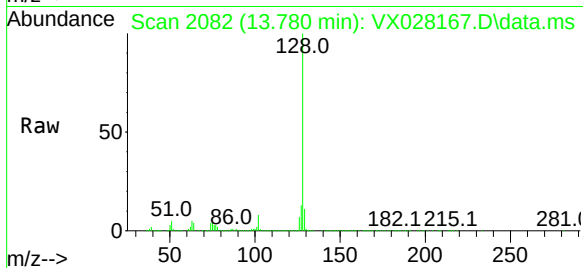
Tgt Ion:128 Resp: 1140731

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.914 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028167.D

Acq: 19 Apr 2022 18:10

Tgt Ion:180 Resp: 338261

Ion Ratio Lower Upper

180 100

182 95.7 50.0 149.8

145 32.6 16.2 48.5

