

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\Not Reviewed Data\
 Data File : VX029071.D
 Acq On : 31 May 2022 12:54
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: May 31 18:49:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 31 15:54:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	298540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64409	19.133	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	38.260%#
35) Dibromofluoromethane	5.391	113	60269	19.132	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	38.260%#
50) Toluene-d8	8.653	98	216879	18.824	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	37.640%#
62) 4-Bromofluorobenzene	11.085	95	79813	17.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	35.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54172	20.869	ug/l	99
3) Chloromethane	1.295	50	53143	19.566	ug/l	99
4) Vinyl Chloride	1.374	62	60725	20.331	ug/l	98
5) Bromomethane	1.599	94	45015	31.209	ug/l	99
6) Chloroethane	1.685	64	39576	16.927	ug/l	96
7) Trichlorofluoromethane	1.886	101	95204	20.509	ug/l	99
8) Diethyl Ether	2.136	74	35632	20.028	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	54934	19.953	ug/l	97
10) Methyl Iodide	2.453	142	55061	19.162	ug/l	98
11) Tert butyl alcohol	2.959	59	80575	103.320	ug/l	96
12) 1,1-Dichloroethene	2.319	96	52941	19.675	ug/l	94
13) Acrolein	2.233	56	36355	102.887	ug/l	98
14) Allyl chloride	2.666	41	79382	19.644	ug/l	98
15) Acrylonitrile	3.063	53	160786	100.132	ug/l	99
16) Acetone	2.380	43	134174	101.215	ug/l	97
17) Carbon Disulfide	2.514	76	143236	19.409	ug/l	99
18) Methyl Acetate	2.703	43	68297	19.921	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	180699	19.794	ug/l	98
20) Methylene Chloride	2.788	84	60576	19.600	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	59587	19.629	ug/l	91
22) Diisopropyl ether	3.764	45	161058	19.926	ug/l #	90
23) Vinyl Acetate	3.727	43	686682	101.726	ug/l	100
24) 1,1-Dichloroethane	3.611	63	99834	19.964	ug/l	100
25) 2-Butanone	4.556	43	214101	100.122	ug/l	99
26) 2,2-Dichloropropane	4.477	77	81657	19.904	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	70199	19.391	ug/l	92
28) Bromochloromethane	4.904	49	40742	20.248	ug/l	87
29) Tetrahydrofuran	5.007	42	139465	101.703	ug/l	99
30) Chloroform	5.099	83	110985	20.020	ug/l	100
31) Cyclohexane	5.477	56	85619	19.563	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	100097	19.939	ug/l	98
36) 1,1-Dichloropropene	5.696	75	78802	19.442	ug/l	98
37) Ethyl Acetate	4.715	43	79319	20.192	ug/l	99
38) Carbon Tetrachloride	5.684	117	91539	19.762	ug/l	99
39) Methylcyclohexane	7.385	83	98520	19.663	ug/l	95
40) Benzene	6.044	78	241124	20.085	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43036	20.283	ug/l	97
42) 1,2-Dichloroethane	6.092	62	81731	20.076	ug/l	99
43) Isopropyl Acetate	6.342	43	121709	19.805	ug/l	99
44) Trichloroethene	7.129	130	71912	19.782	ug/l	99
45) 1,2-Dichloropropane	7.434	63	57325	19.815	ug/l	98
46) Dibromomethane	7.586	93	44696	19.832	ug/l	98
47) Bromodichloromethane	7.824	83	89334	20.107	ug/l	100
48) Methyl methacrylate	7.696	41	59184	19.798	ug/l	97
49) 1,4-Dioxane	7.665	88	36563	399.710	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	414695	101.455	ug/l	98
52) Toluene	8.720	92	159169	19.849	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	89926	19.694	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	97121	19.439	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	65679	19.683	ug/l	99
56) Ethyl methacrylate	9.116	69	92708	19.573	ug/l	97
57) 1,3-Dichloropropane	9.311	76	106298	19.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	219812	97.934	ug/l	94
59) 2-Hexanone	9.433	43	319369	100.398	ug/l	97
60) Dibromochloromethane	9.525	129	74716	19.674	ug/l	96
61) 1,2-Dibromoethane	9.610	107	70139	19.434	ug/l	99
64) Tetrachloroethene	9.275	164	65325	19.866	ug/l	99
65) Chlorobenzene	10.080	112	176210	19.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	68476	19.800	ug/l	98
67) Ethyl Benzene	10.195	91	298969	19.832	ug/l	97
68) m/p-Xylenes	10.305	106	242547	40.064	ug/l	98
69) o-Xylene	10.647	106	118889	19.870	ug/l	98
70) Styrene	10.659	104	200664	20.152	ug/l	98
71) Bromoform	10.799	173	58424	19.567	ug/l #	98
73) Isopropylbenzene	10.964	105	308957	20.534	ug/l	100
74) N-amyl acetate	10.848	43	96076	19.720	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	102942	20.295	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	112419	24.769	ug/l	88
77) Bromobenzene	11.201	156	77276	19.257	ug/l	95
78) n-propylbenzene	11.305	91	344514	20.587	ug/l	98
79) 2-Chlorotoluene	11.366	91	211287	19.975	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	263505	20.457	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	29741	19.224	ug/l	92
82) 4-Chlorotoluene	11.457	91	241489	19.944	ug/l	97
83) tert-Butylbenzene	11.720	119	264627	20.100	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	263637	20.505	ug/l	99
85) sec-Butylbenzene	11.890	105	314116	20.323	ug/l	98
86) p-Isopropyltoluene	12.012	119	274162	20.288	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	148002	19.568	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	148678	19.418	ug/l	98
89) n-Butylbenzene	12.335	91	215145	19.620	ug/l	98
90) Hexachloroethane	12.543	117	48469	19.727	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	147493	19.797	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23918	21.119	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	90563	19.492	ug/l	100
94) Hexachlorobutadiene	13.725	225	39059	19.764	ug/l	95
95) Naphthalene	13.774	128	306425	20.625	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	89119	19.424	ug/l	97

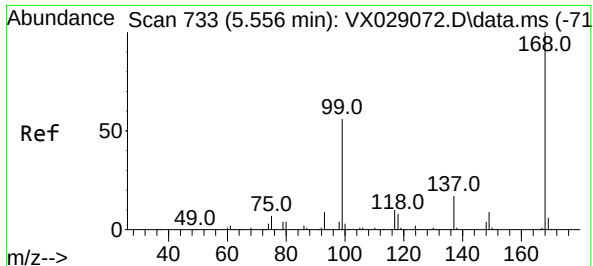
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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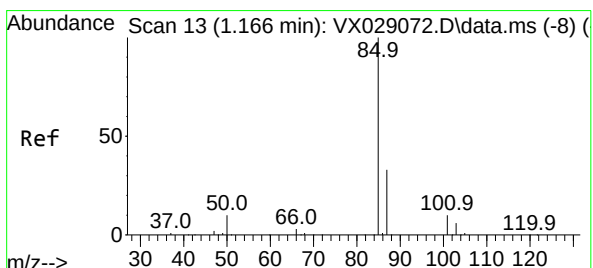
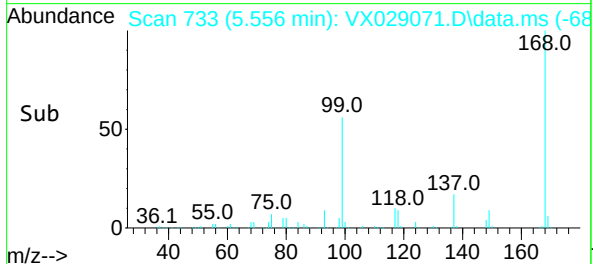
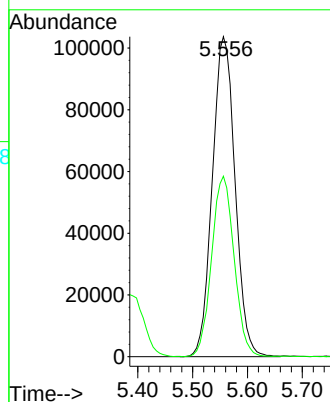
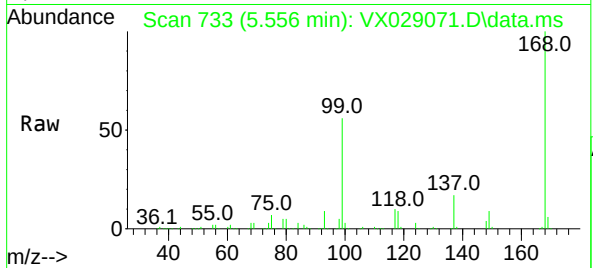
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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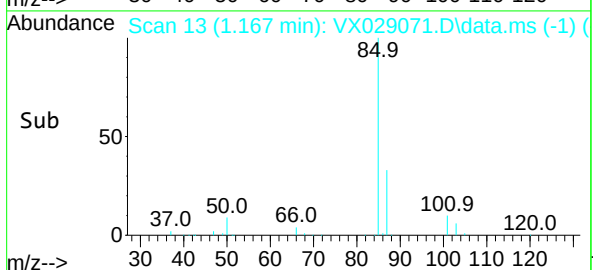
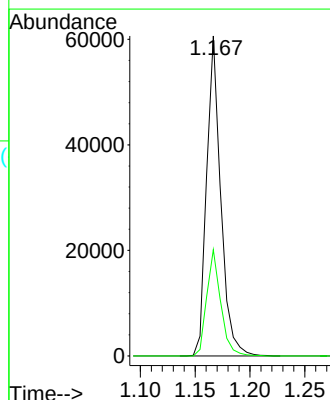
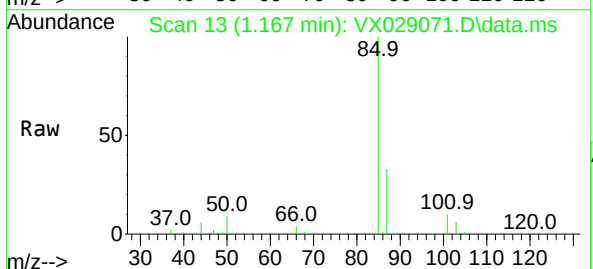
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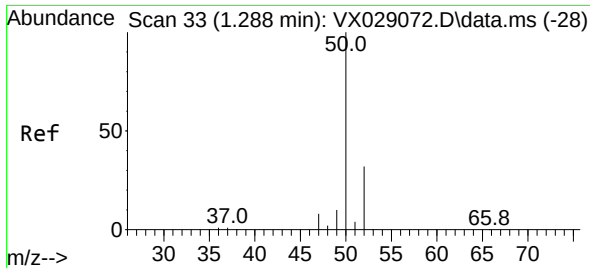
Tgt Ion:168 Resp: 298540
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.869 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 85 Resp: 54172
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6

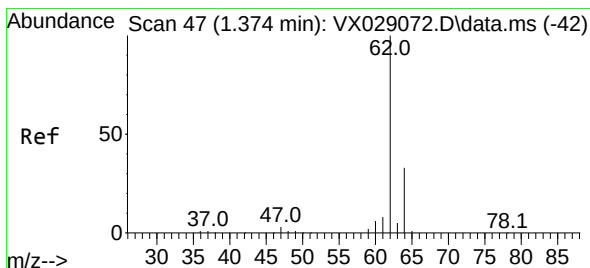
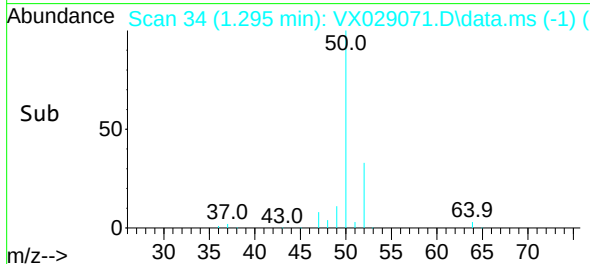
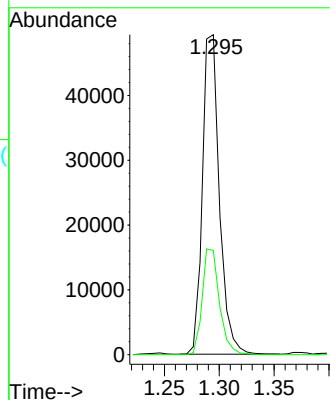
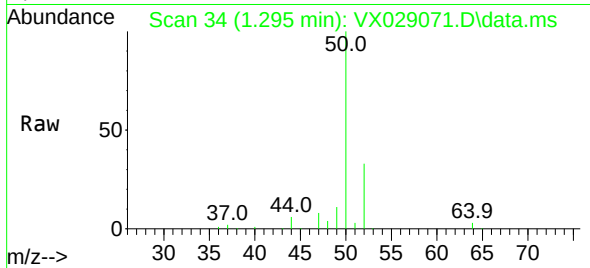




#3
Chloromethane
Concen: 19.566 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

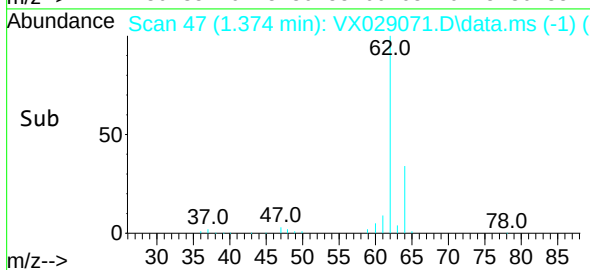
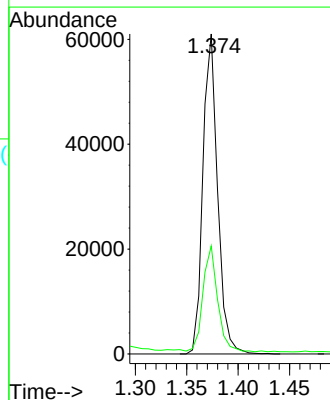
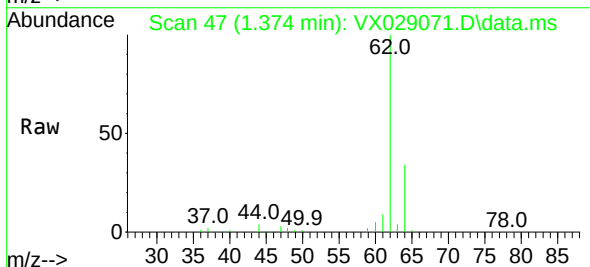
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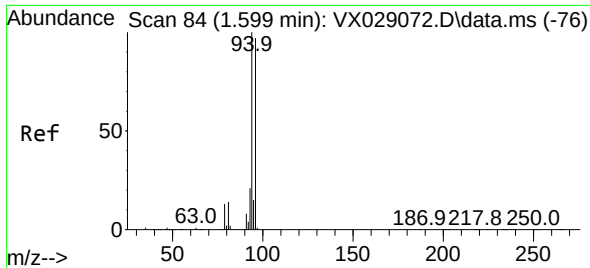
Tgt Ion: 50 Resp: 53143
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6



#4
Vinyl Chloride
Concen: 20.331 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 62 Resp: 60725
Ion Ratio Lower Upper
62 100
64 33.1 25.5 38.3

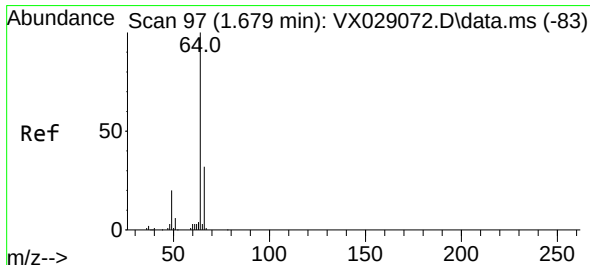
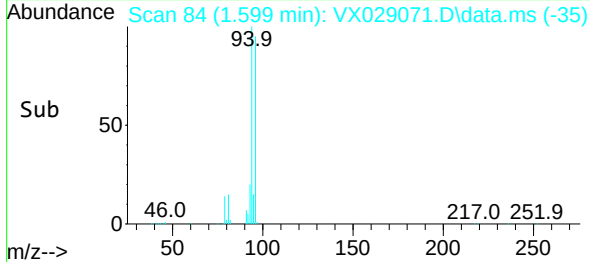
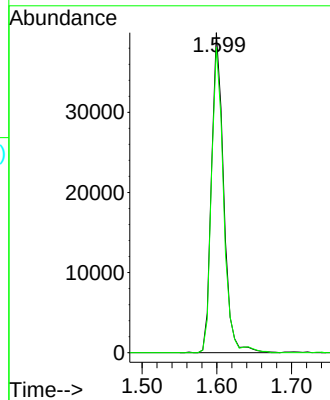
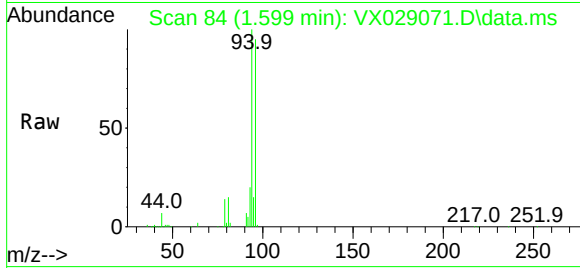




#5
Bromomethane
Concen: 31.209 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX029071.D
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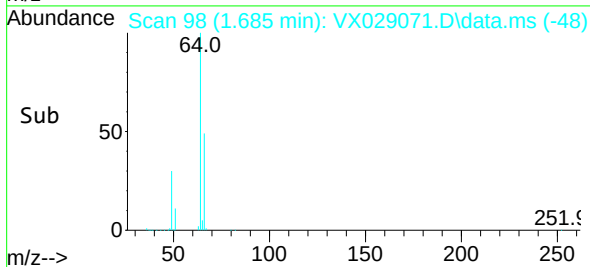
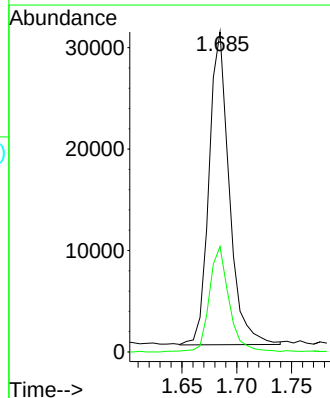
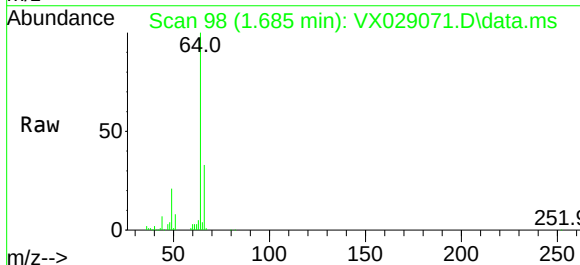
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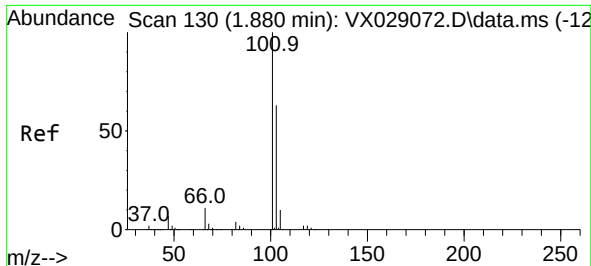
Tgt Ion: 94 Resp: 45015
Ion Ratio Lower Upper
94 100
96 95.5 75.3 112.9



#6
Chloroethane
Concen: 16.927 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 64 Resp: 39576
Ion Ratio Lower Upper
64 100
66 33.6 25.3 37.9

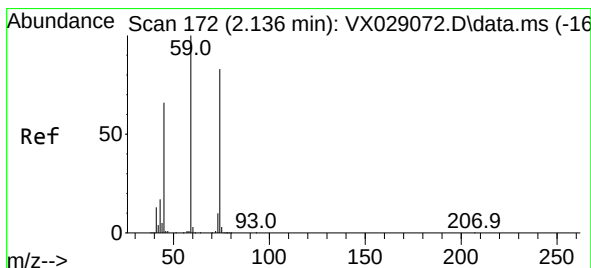
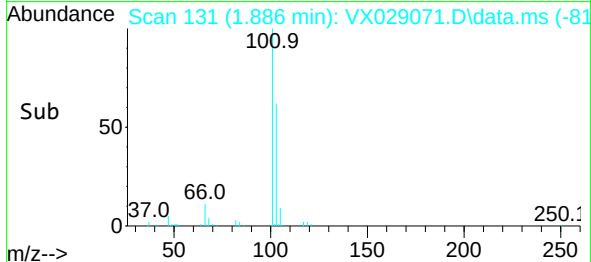
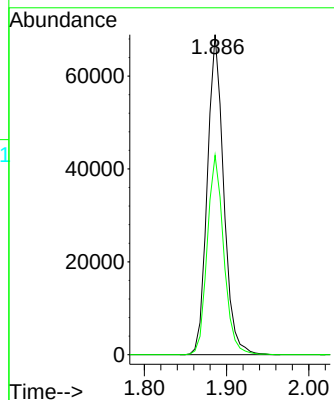
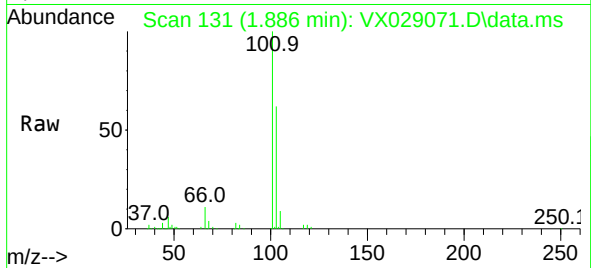




#7
 Trichlorofluoromethane
 Concen: 20.509 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029071.D
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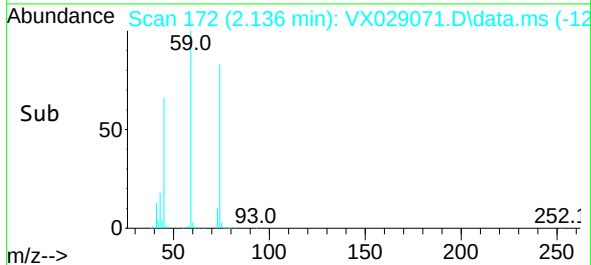
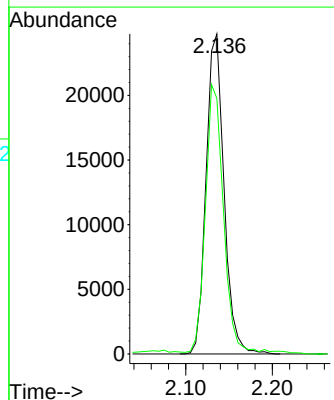
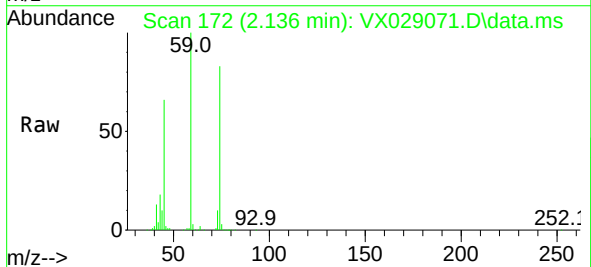
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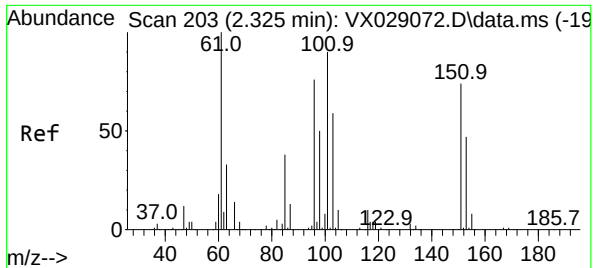
Tgt Ion:101 Resp: 95204
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.5 75.7



#8
 Diethyl Ether
 Concen: 20.028 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

Tgt Ion: 74 Resp: 35632
 Ion Ratio Lower Upper
 74 100
 45 86.4 42.0 126.0

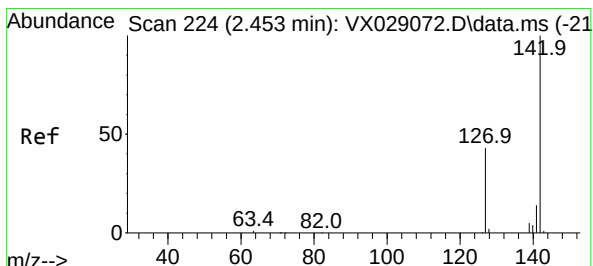
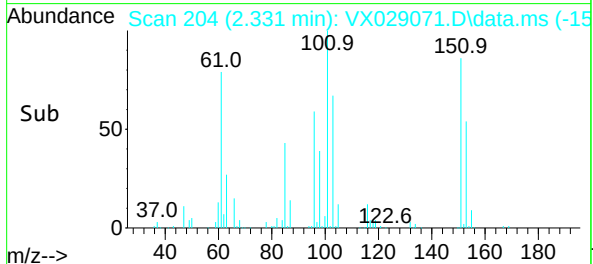
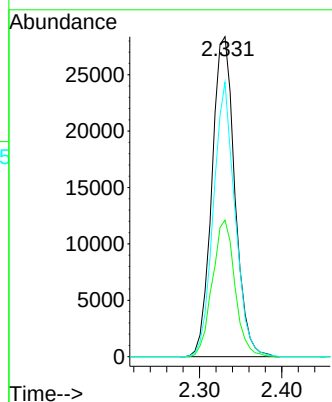
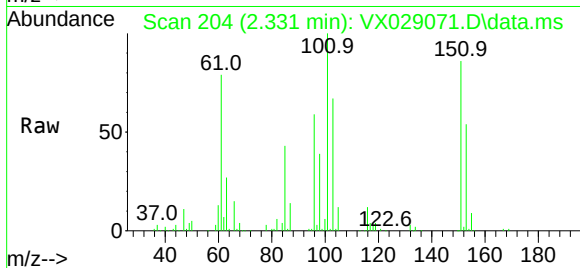




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.953 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
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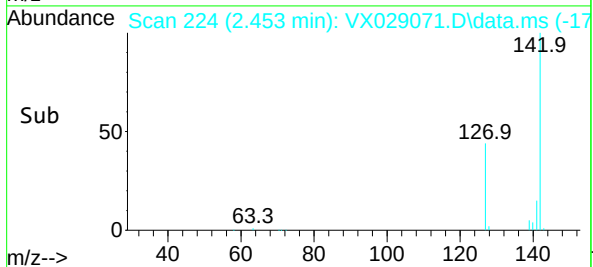
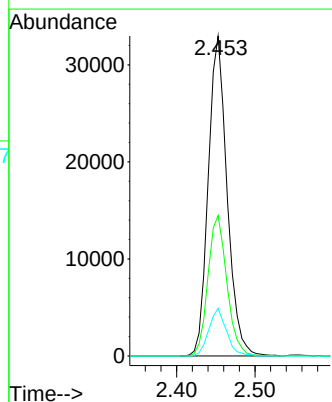
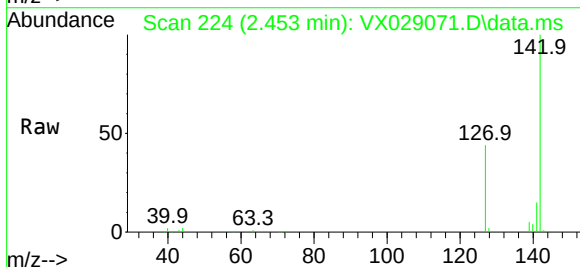
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ClientSampleId :
VSTDIC020

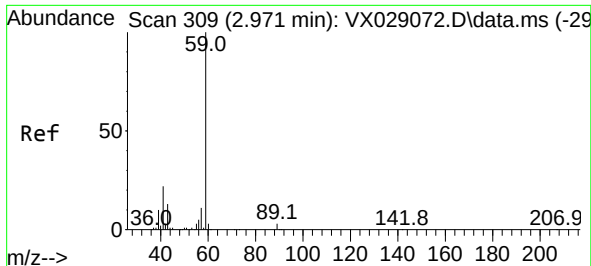
Tgt Ion:101 Resp: 54934
Ion Ratio Lower Upper
101 100
85 42.0 33.5 50.3
151 80.9 61.8 92.6



#10
Methyl Iodide
Concen: 19.162 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion:142 Resp: 55061
Ion Ratio Lower Upper
142 100
127 44.2 33.9 50.9
141 14.0 11.4 17.2

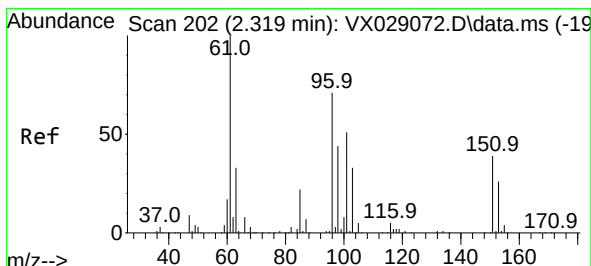
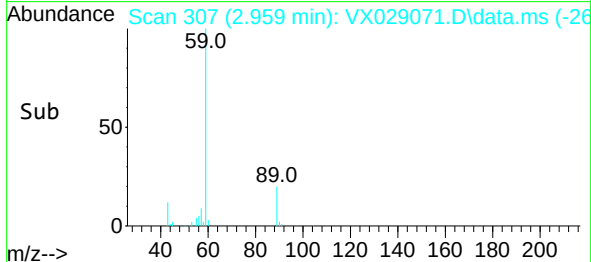
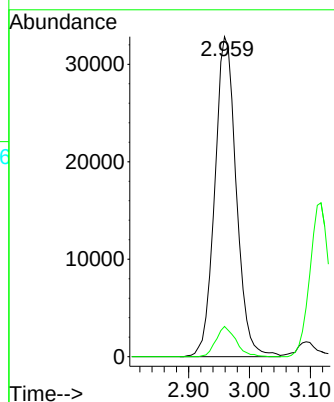
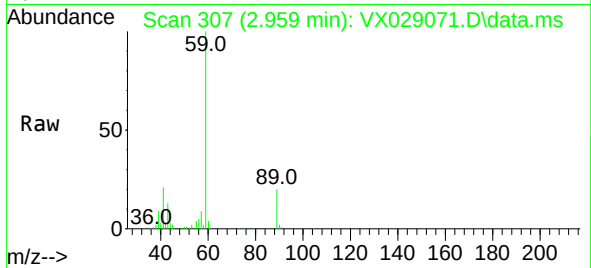




#11
Tert butyl alcohol
Concen: 103.320 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

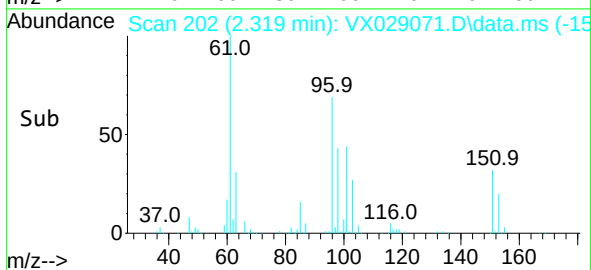
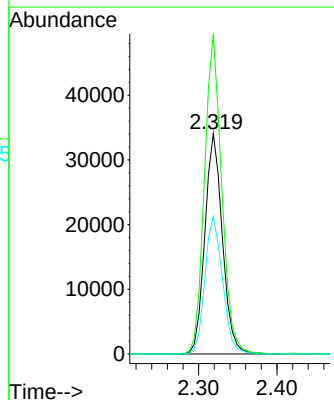
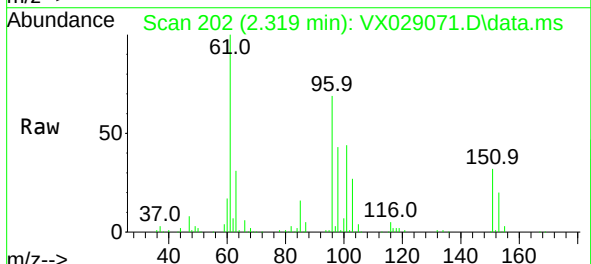
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

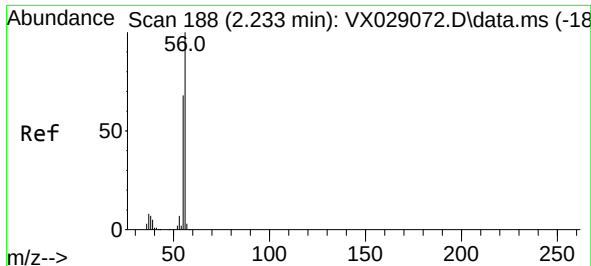
Tgt Ion: 59 Resp: 80575
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.675 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 96 Resp: 52941
Ion Ratio Lower Upper
96 100
61 145.2 124.6 187.0
98 62.3 51.0 76.4

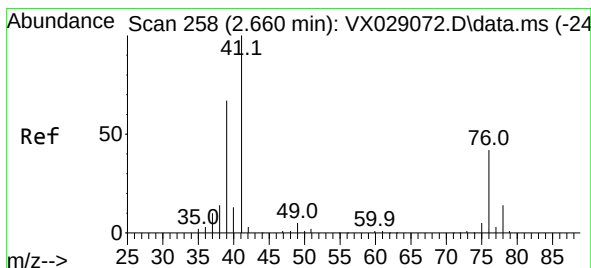
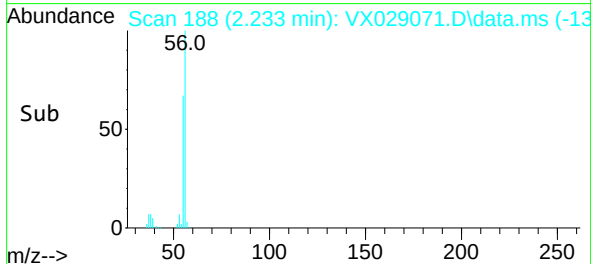
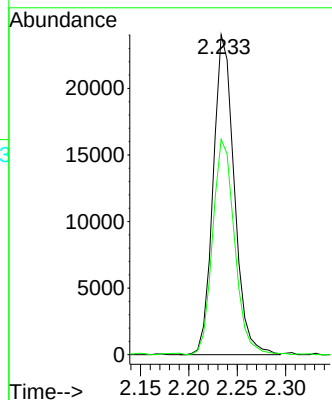
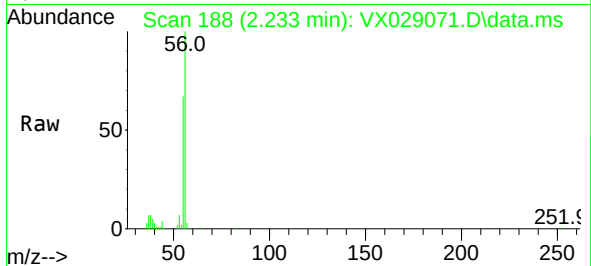




#13
Acrolein
Concen: 102.887 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

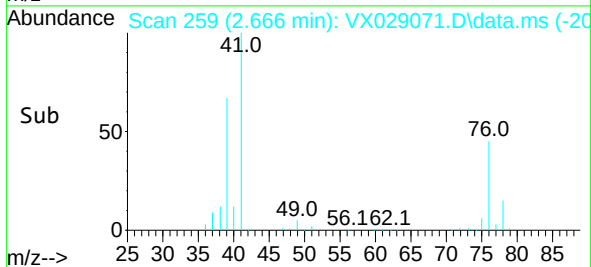
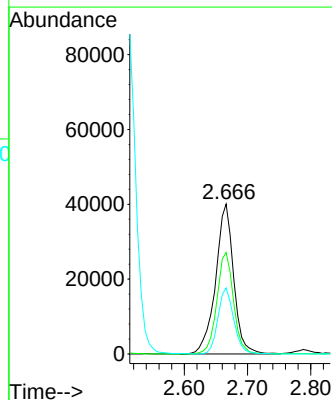
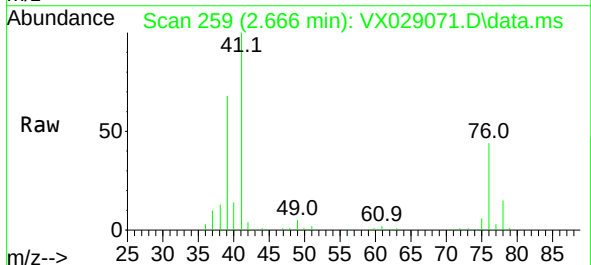
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

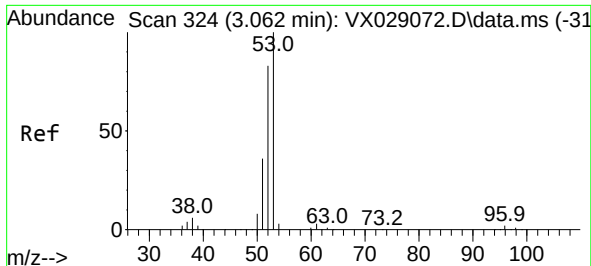
Tgt Ion: 56 Resp: 36355
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.6



#14
Allyl chloride
Concen: 19.644 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 41 Resp: 79382
Ion Ratio Lower Upper
41 100
39 62.1 50.4 75.6
76 38.3 32.7 49.1





#15

Acrylonitrile

Concen: 100.132 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

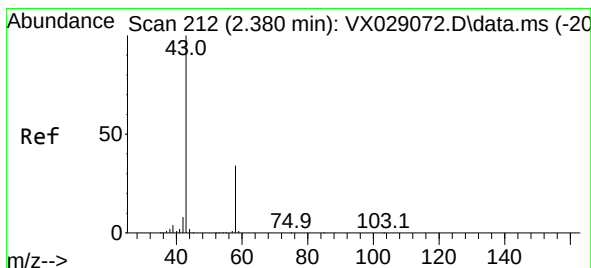
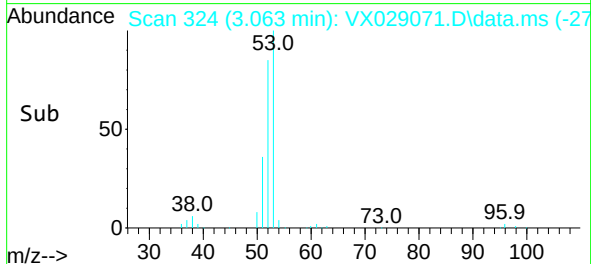
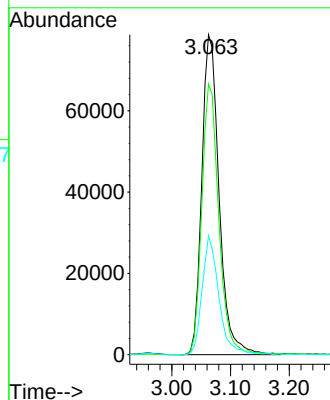
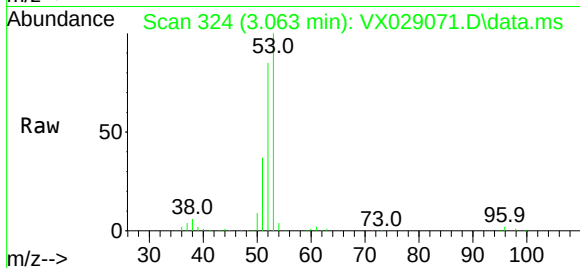
Tgt Ion: 53 Resp: 160786

Ion Ratio Lower Upper

53 100

52 83.0 65.7 98.5

51 36.0 28.4 42.6



#16

Acetone

Concen: 101.215 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX029071.D

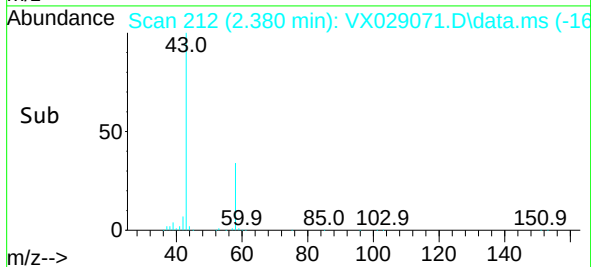
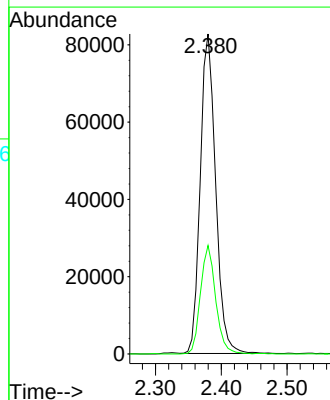
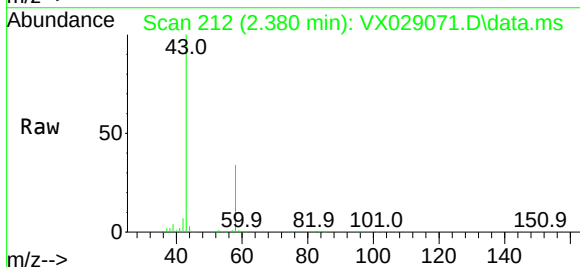
Acq: 31 May 2022 12:54

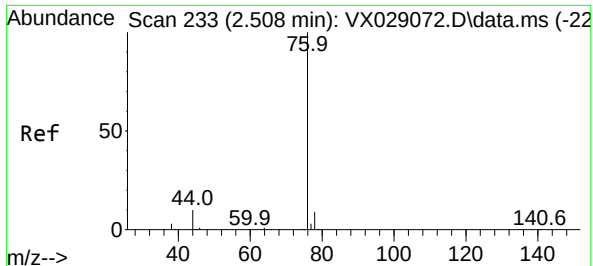
Tgt Ion: 43 Resp: 134174

Ion Ratio Lower Upper

43 100

58 34.0 28.8 43.2

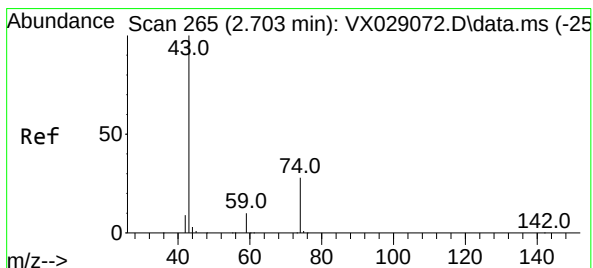
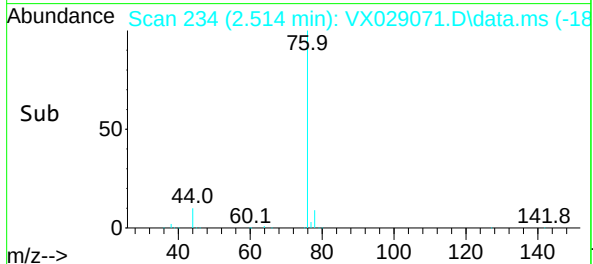
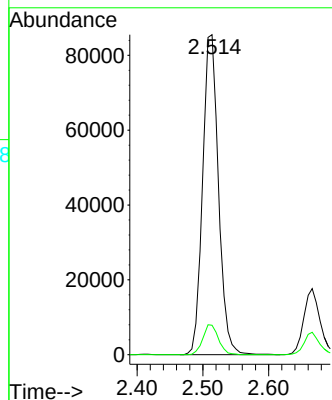
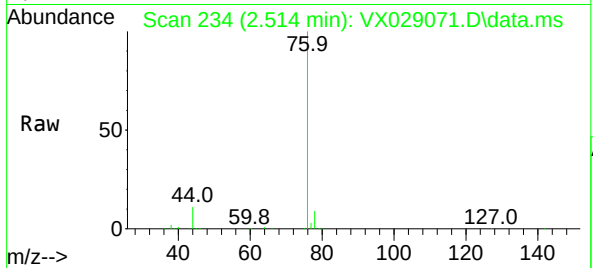




#17
Carbon Disulfide
Concen: 19.409 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

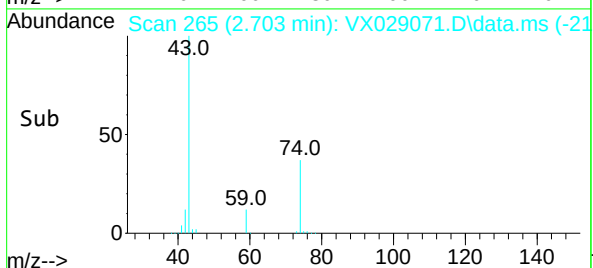
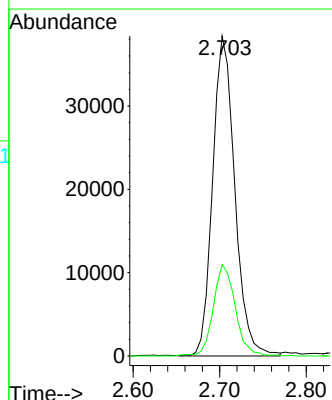
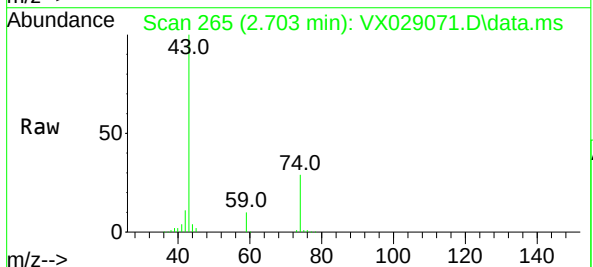
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

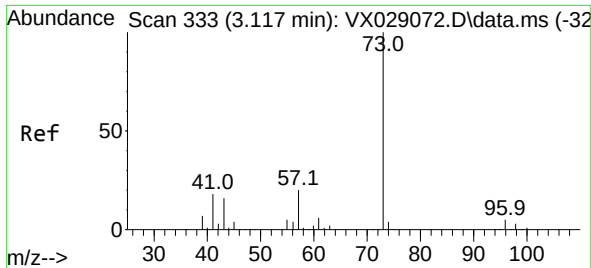
Tgt Ion: 76 Resp: 143236
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.921 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 43 Resp: 68297
Ion Ratio Lower Upper
43 100
74 28.4 22.8 34.2

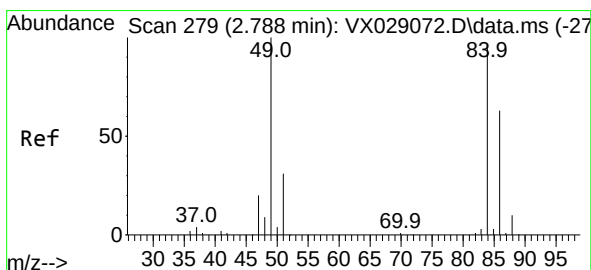
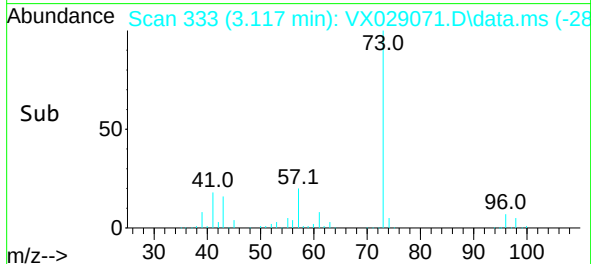
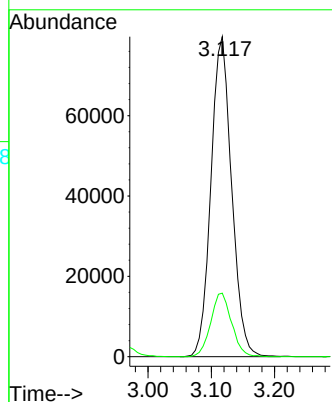
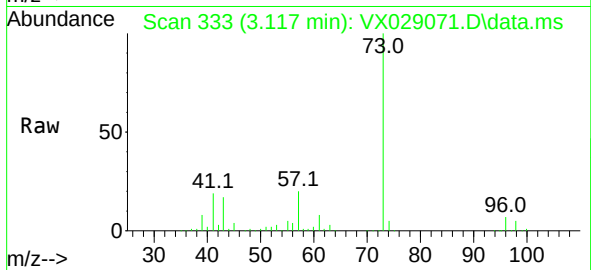




#19
Methyl tert-butyl Ether
Concen: 19.794 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

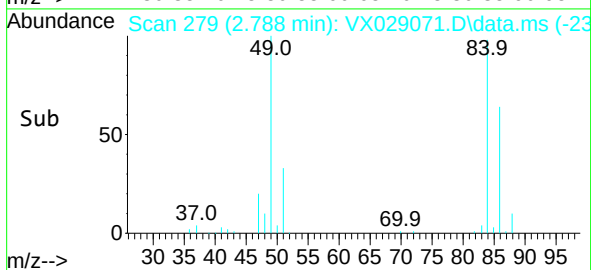
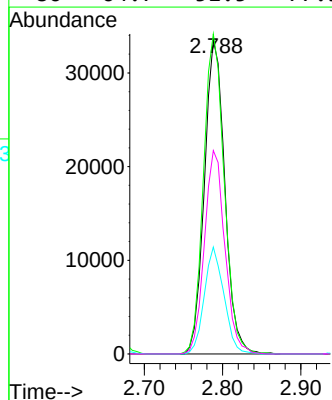
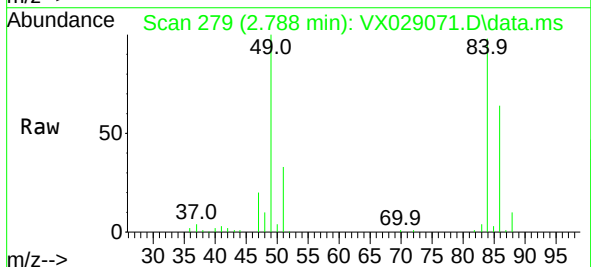
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

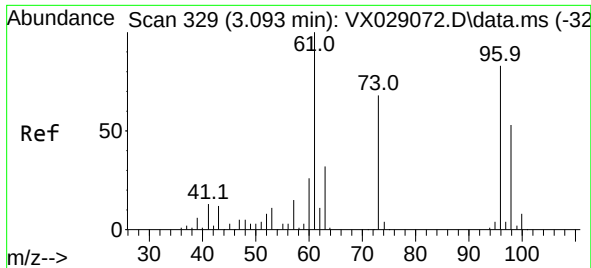
Tgt Ion: 73 Resp: 180699
Ion Ratio Lower Upper
73 100
57 19.8 16.8 25.2



#20
Methylene Chloride
Concen: 19.600 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 84 Resp: 60576
Ion Ratio Lower Upper
84 100
49 101.8 85.5 128.3
51 34.0 26.6 39.8
86 64.7 51.5 77.3

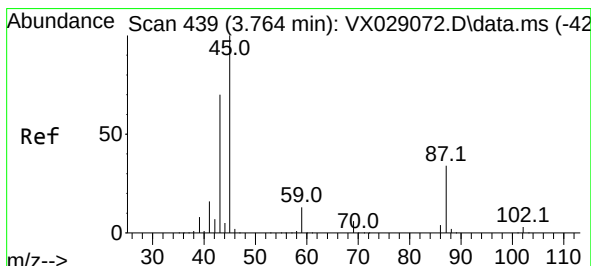
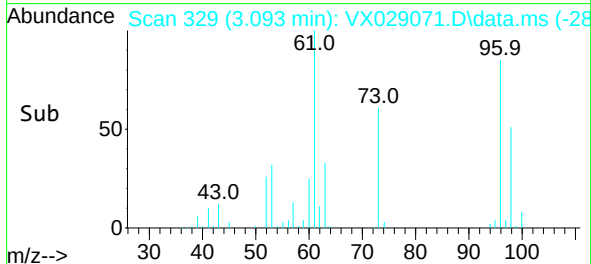
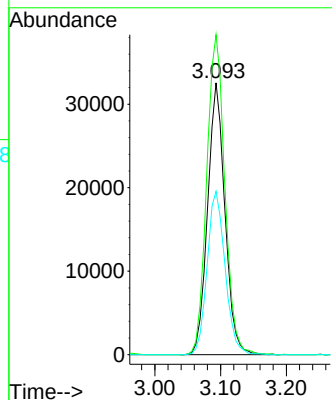
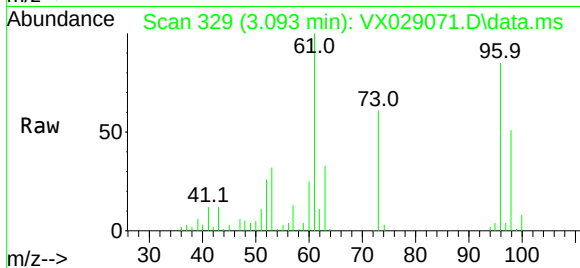




#21
trans-1,2-Dichloroethene
Concen: 19.629 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

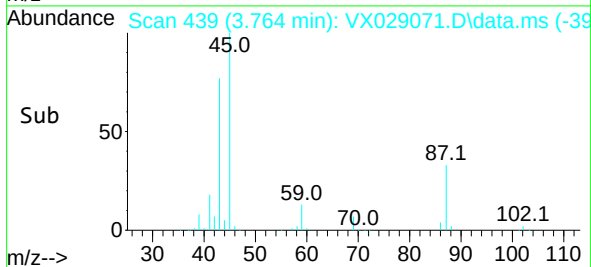
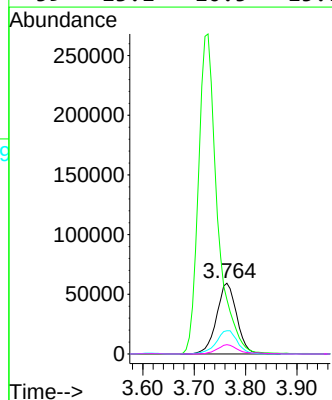
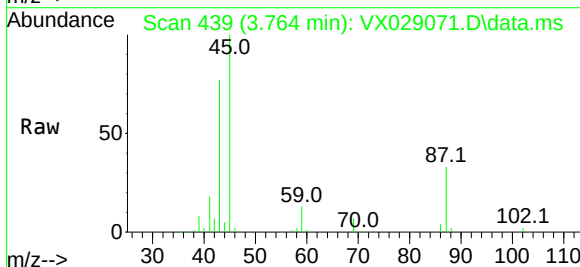
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

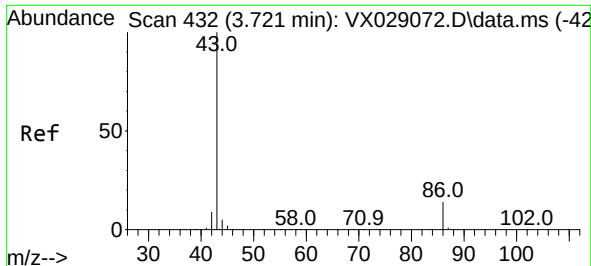
Tgt Ion: 96 Resp: 59587
Ion Ratio Lower Upper
96 100
61 117.7 105.4 158.2
98 60.1 50.0 75.0



#22
Diisopropyl ether
Concen: 19.926 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 45 Resp: 161058
Ion Ratio Lower Upper
45 100
43 76.5 50.8 76.2#
87 32.7 26.6 39.8
59 13.1 10.5 15.7

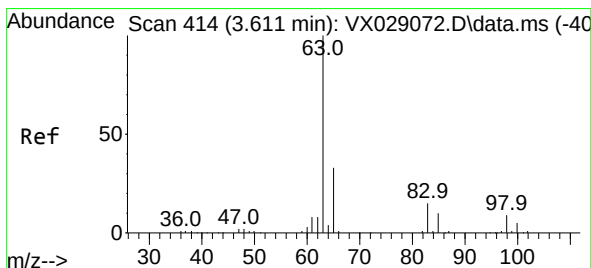
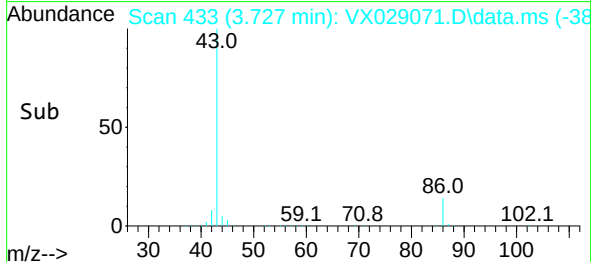
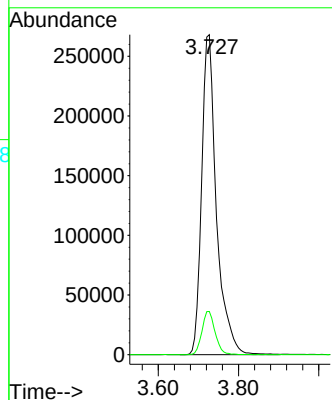
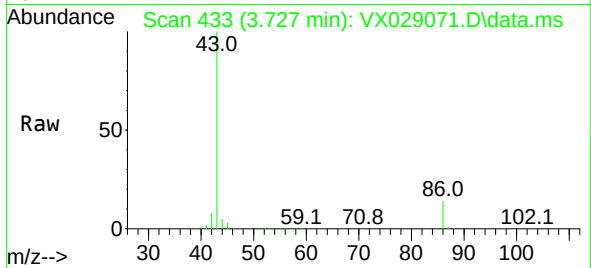




#23
 Vinyl Acetate
 Concen: 101.726 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

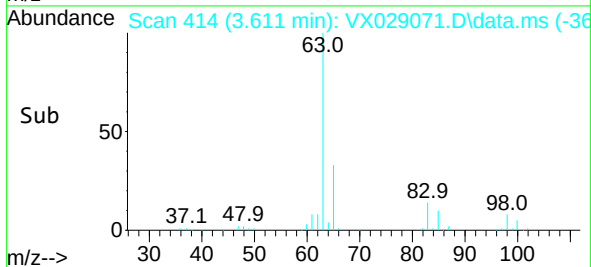
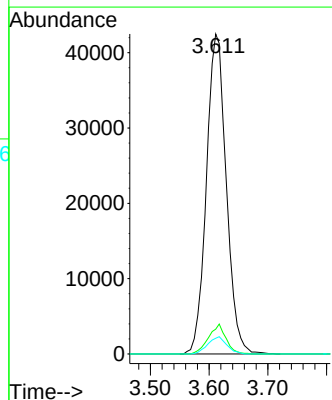
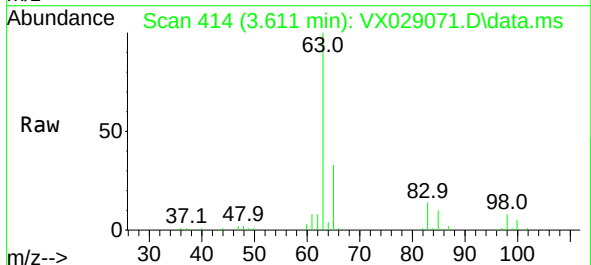
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

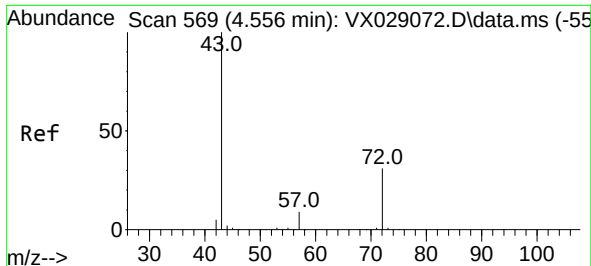
Tgt Ion: 43 Resp: 686682
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 19.964 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

Tgt Ion: 63 Resp: 99834
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.9 2.4 7.2

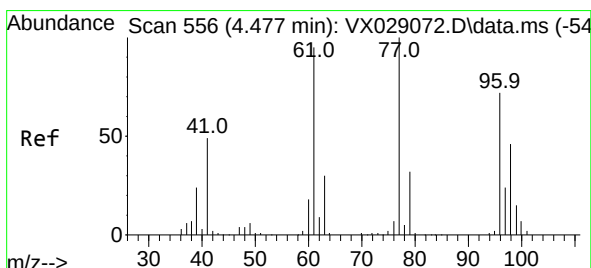
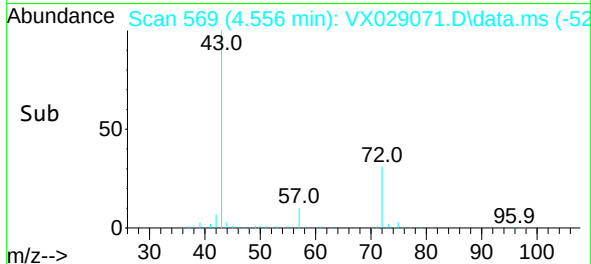
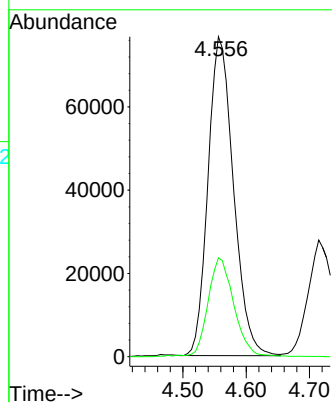
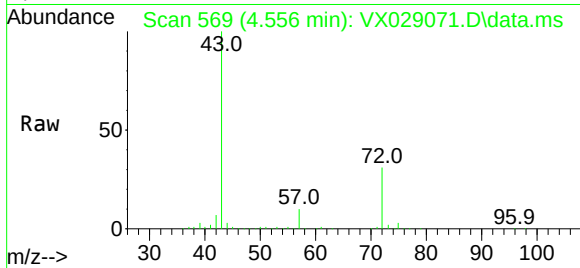




#25
2-Butanone
Concen: 100.122 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

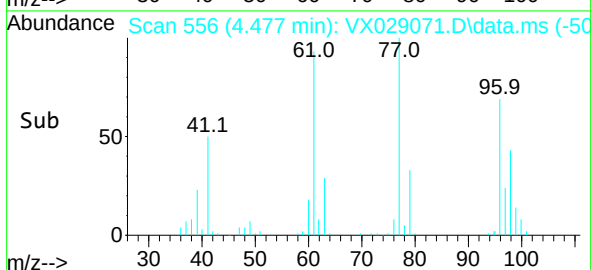
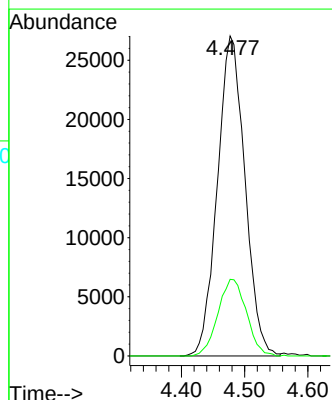
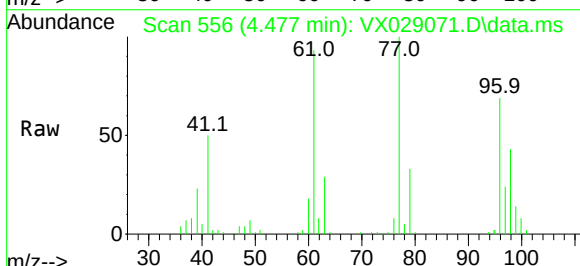
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

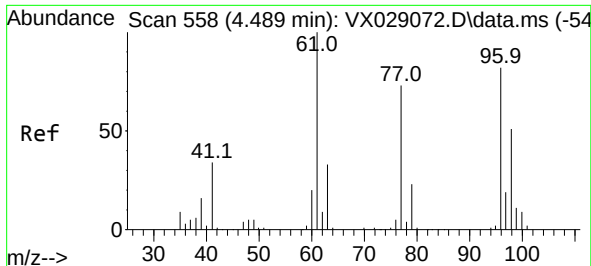
Tgt Ion: 43 Resp: 214101
Ion Ratio Lower Upper
43 100
72 30.8 24.4 36.6



#26
2,2-Dichloropropane
Concen: 19.904 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 77 Resp: 81657
Ion Ratio Lower Upper
77 100
97 24.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.391 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

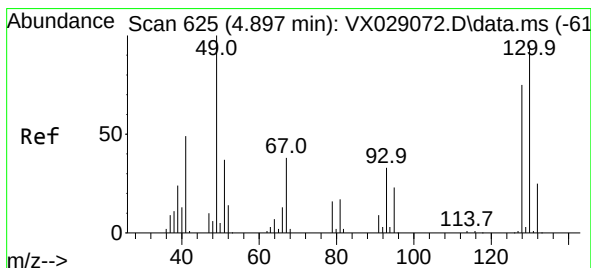
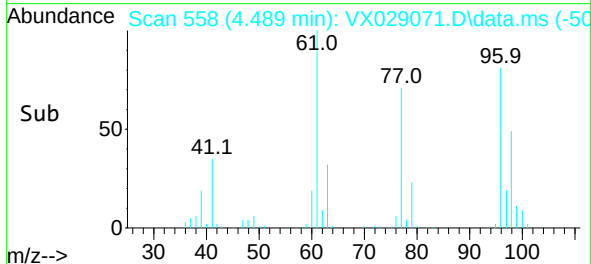
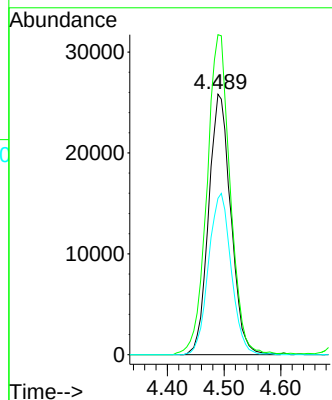
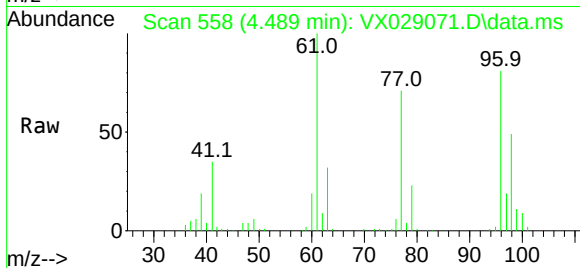
Tgt Ion: 96 Resp: 70199

Ion Ratio Lower Upper

96 100

61 128.8 0.0 283.8

98 63.3 0.0 129.8



#28

Bromochloromethane

Concen: 20.248 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

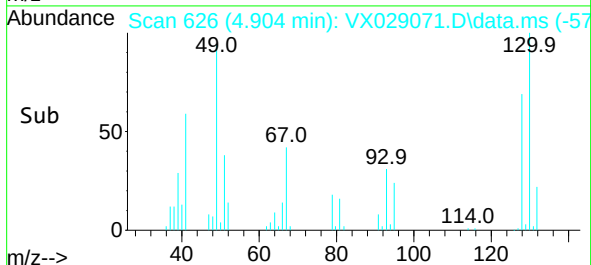
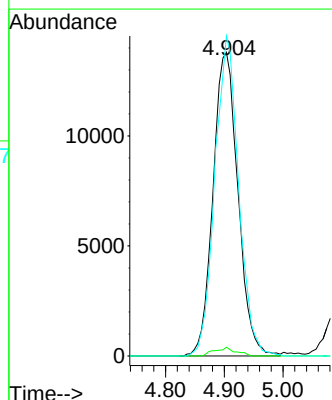
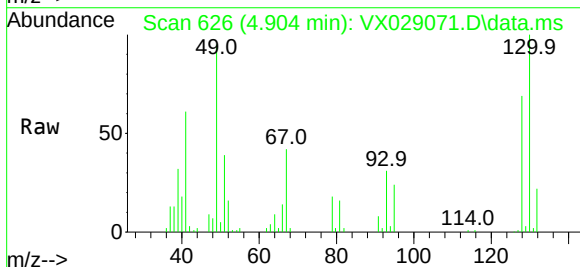
Tgt Ion: 49 Resp: 40742

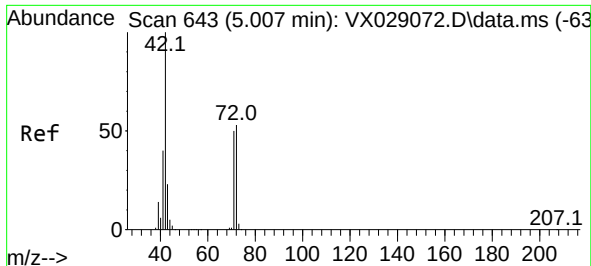
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 100.6 70.7 106.1





#29

Tetrahydrofuran

Concen: 101.703 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

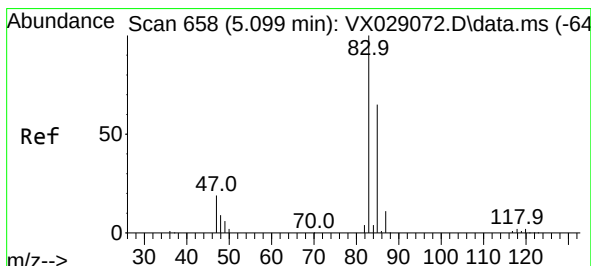
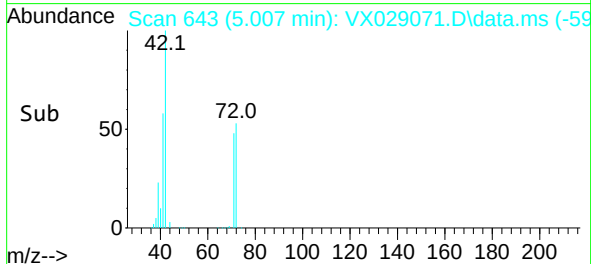
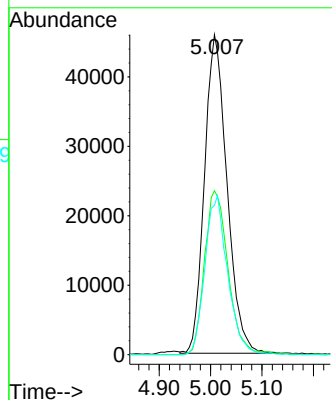
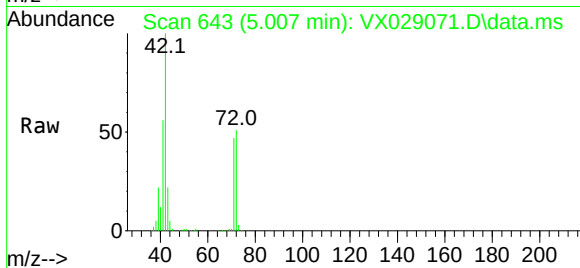
Tgt Ion: 42 Resp: 139465

Ion Ratio Lower Upper

42 100

72 54.2 44.1 66.1

71 50.3 40.5 60.7



#30

Chloroform

Concen: 20.020 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX029071.D

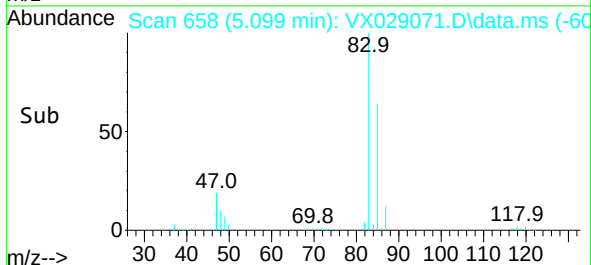
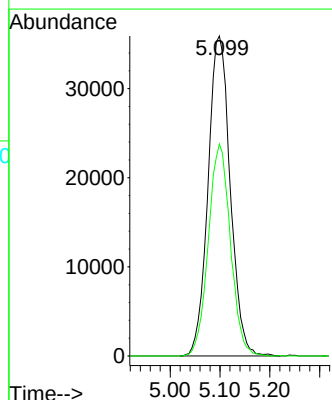
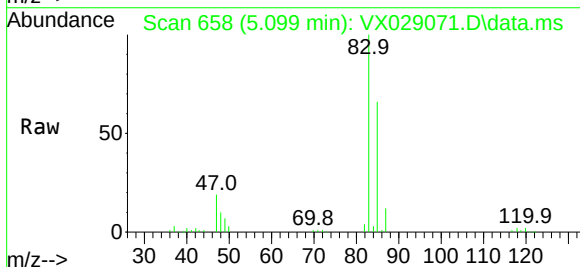
Acq: 31 May 2022 12:54

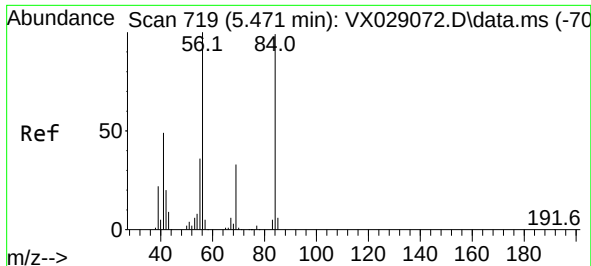
Tgt Ion: 83 Resp: 110985

Ion Ratio Lower Upper

83 100

85 66.2 52.7 79.1

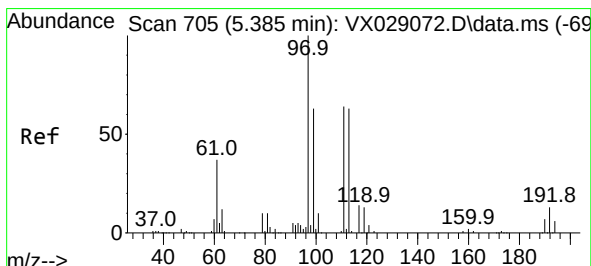
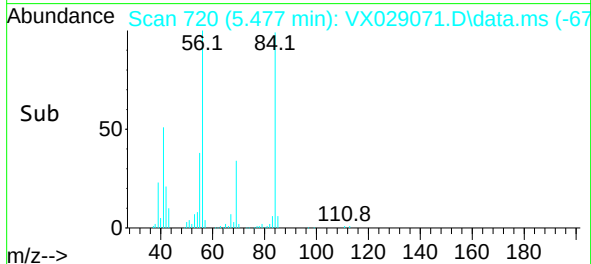
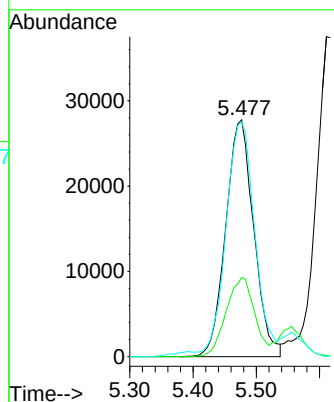
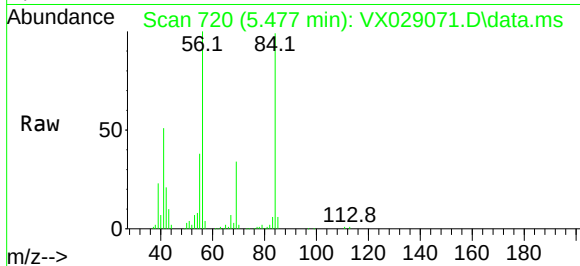




#31
Cyclohexane
Concen: 19.563 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

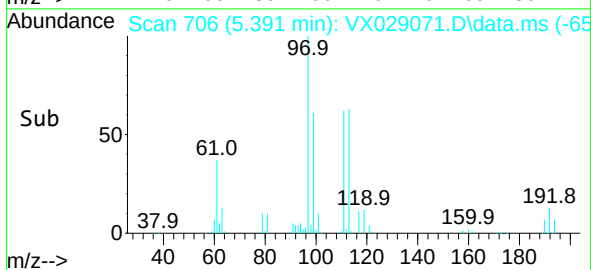
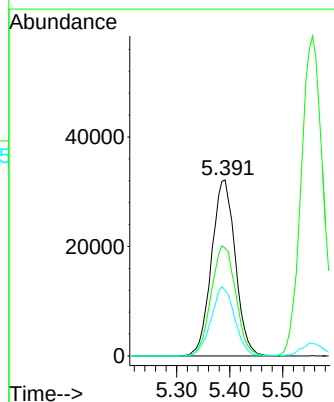
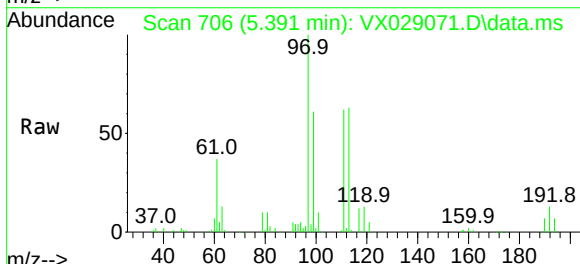
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

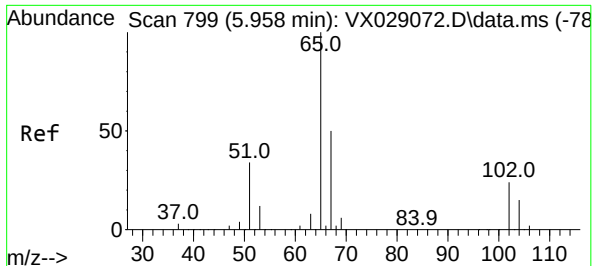
Tgt Ion: 56 Resp: 85619
Ion Ratio Lower Upper
56 100
69 33.5 26.7 40.1
84 97.5 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 19.939 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 97 Resp: 100097
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 39.0 34.0 51.0

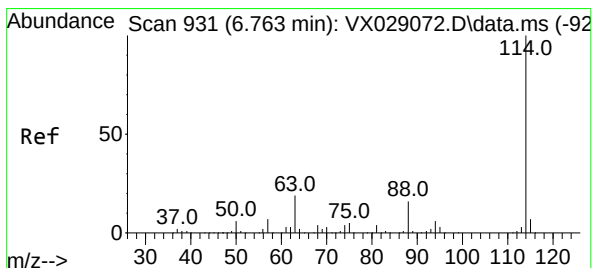
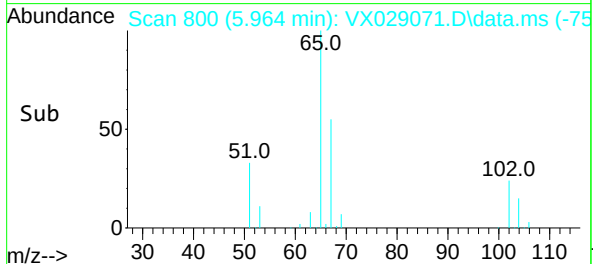
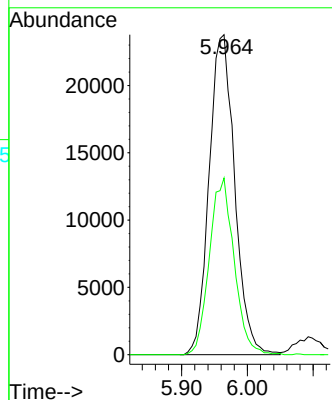
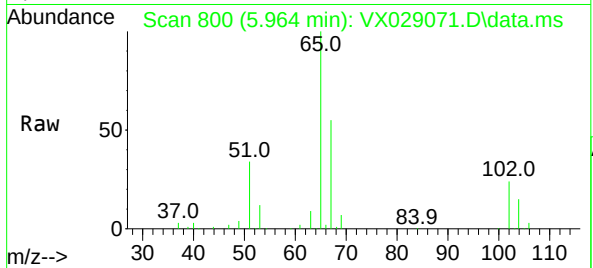




#33
 1,2-Dichloroethane-d4
 Concen: 19.133 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

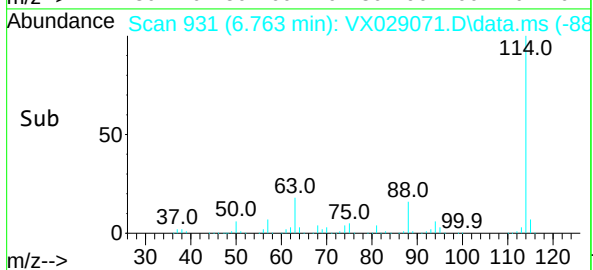
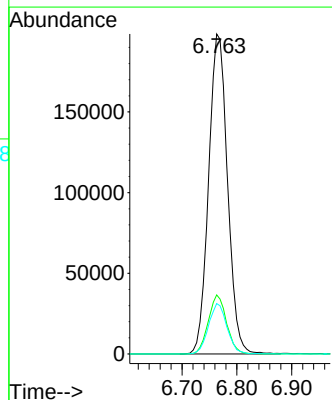
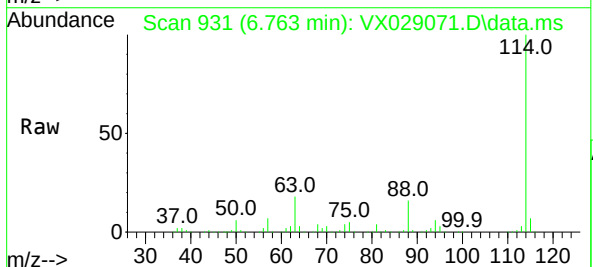
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

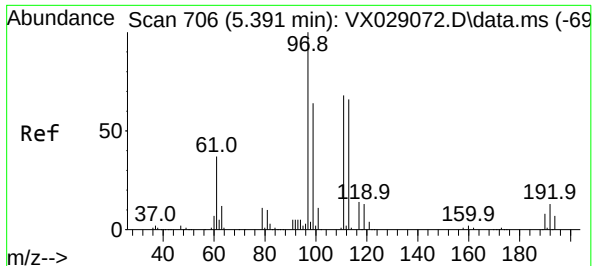
Tgt Ion: 65 Resp: 64409
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

Tgt Ion: 114 Resp: 474256
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 19.132 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

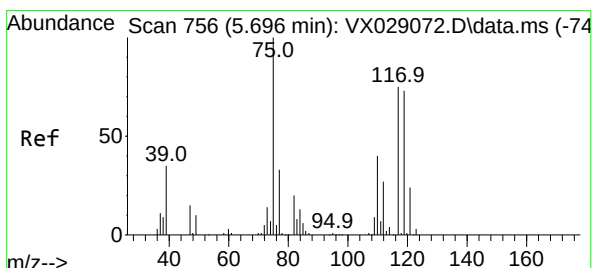
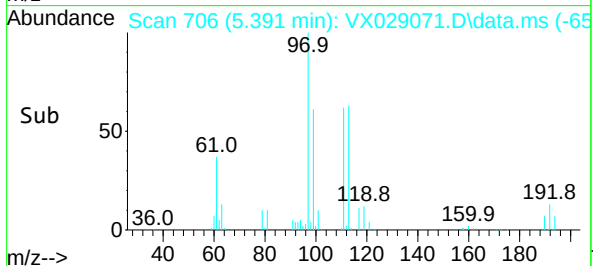
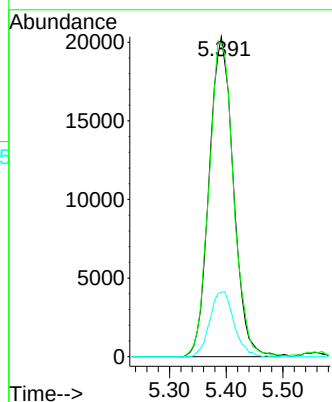
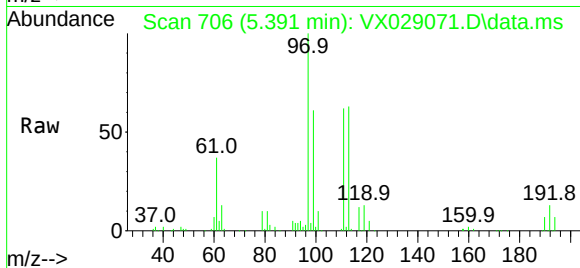
Tgt Ion:113 Resp: 60269

Ion Ratio Lower Upper

113 100

111 100.7 82.8 124.2

192 20.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 19.442 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

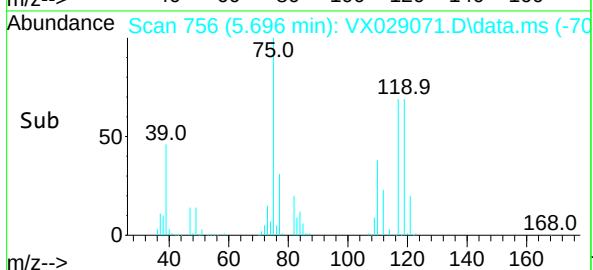
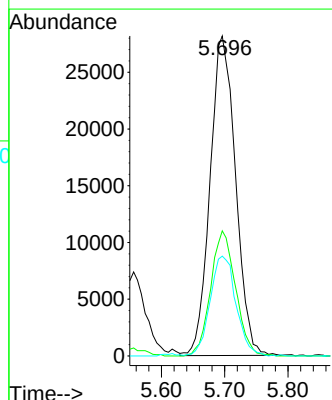
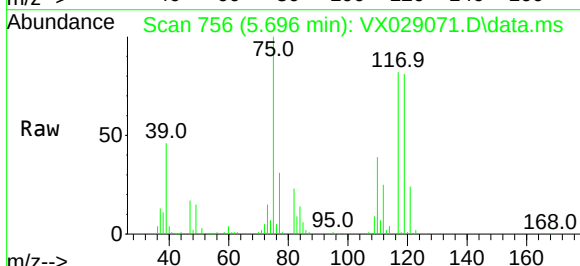
Tgt Ion: 75 Resp: 78802

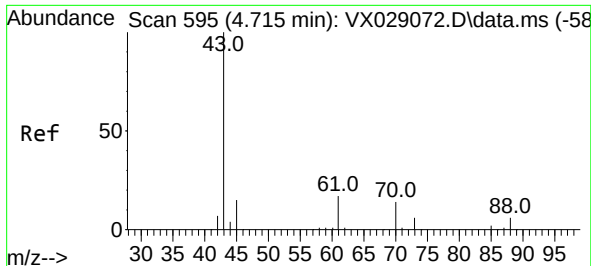
Ion Ratio Lower Upper

75 100

110 38.3 18.3 54.8

77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 20.192 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

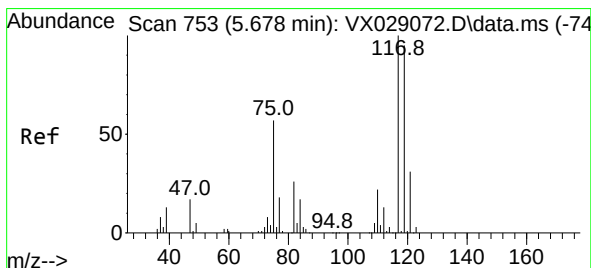
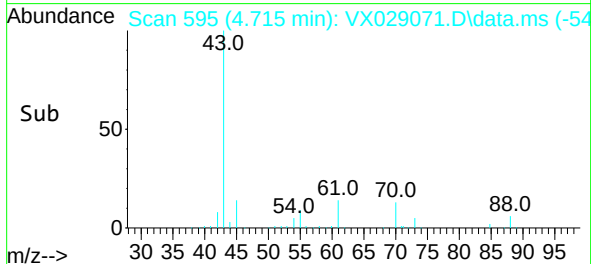
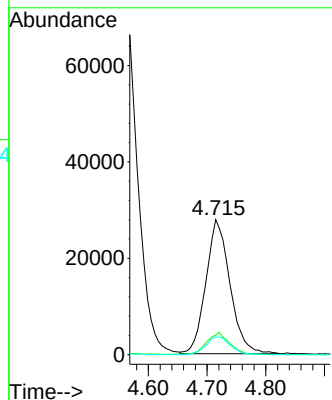
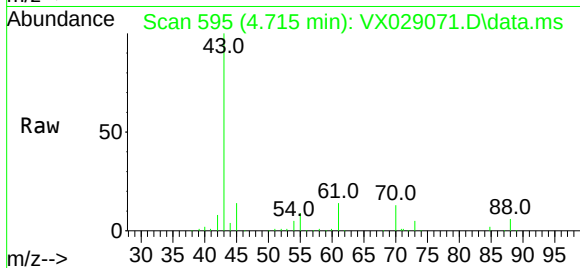
Tgt Ion: 43 Resp: 79319

Ion Ratio Lower Upper

43 100

61 16.1 12.6 19.0

70 13.5 10.2 15.2



#38

Carbon Tetrachloride

Concen: 19.762 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

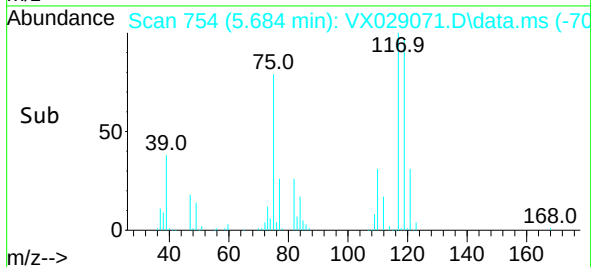
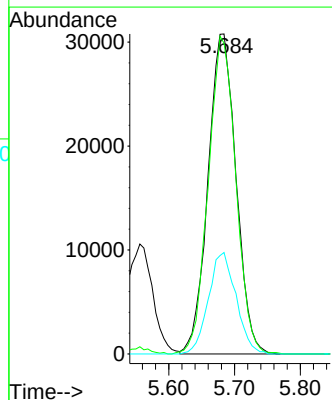
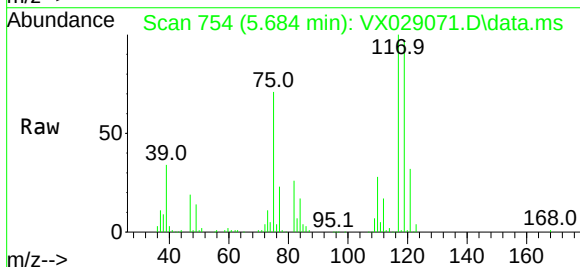
Tgt Ion: 117 Resp: 91539

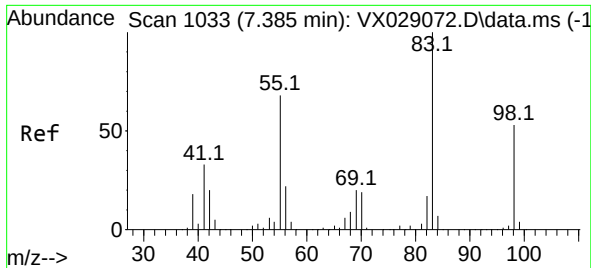
Ion Ratio Lower Upper

117 100

119 96.9 77.3 115.9

121 31.7 24.2 36.2

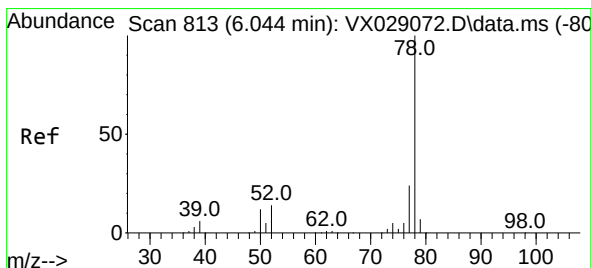
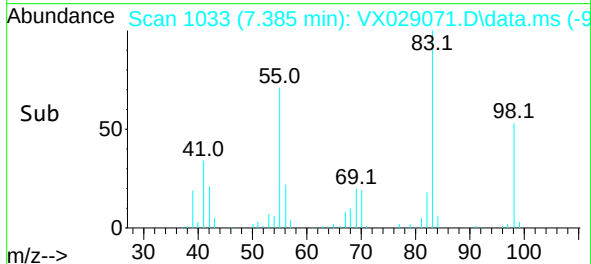
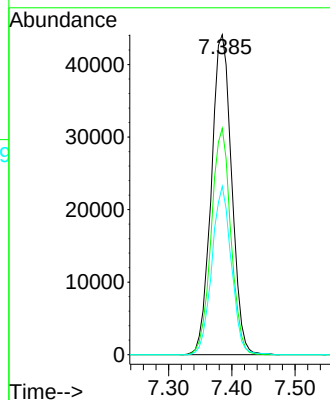
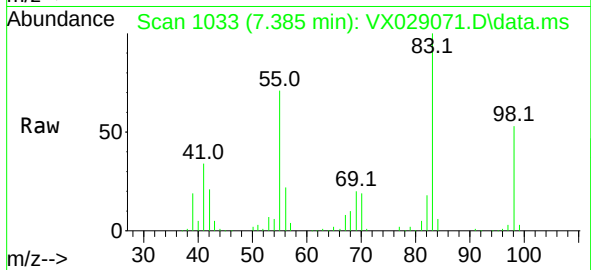




#39
Methylcyclohexane
Concen: 19.663 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

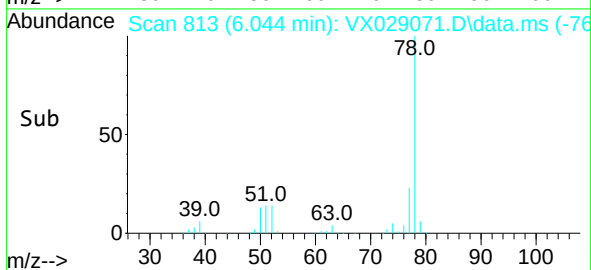
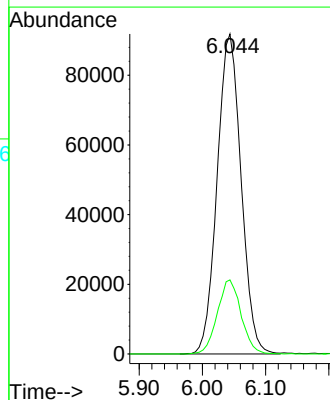
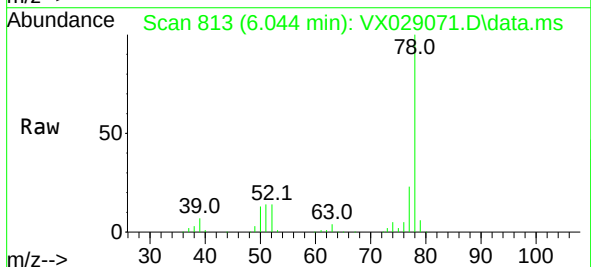
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

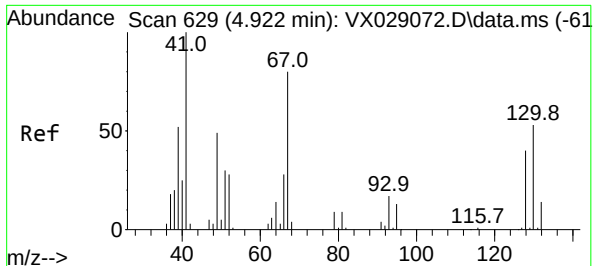
Tgt Ion: 83 Resp: 98520
Ion Ratio Lower Upper
83 100
55 70.7 54.6 81.8
98 52.6 37.4 56.2



#40
Benzene
Concen: 20.085 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 78 Resp: 241124
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

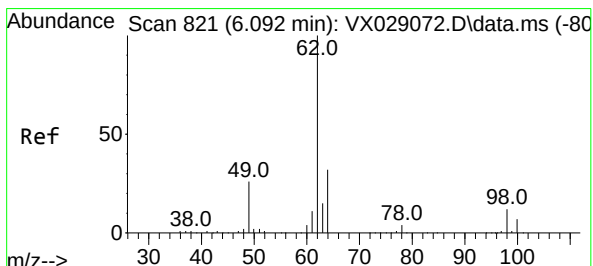
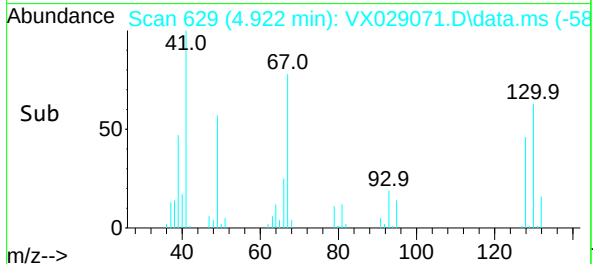
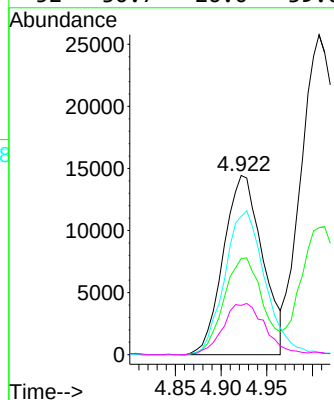
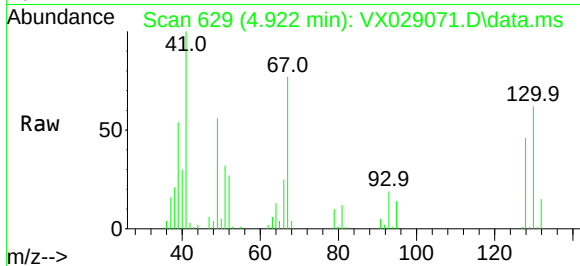




#41
Methacrylonitrile
Concen: 20.283 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

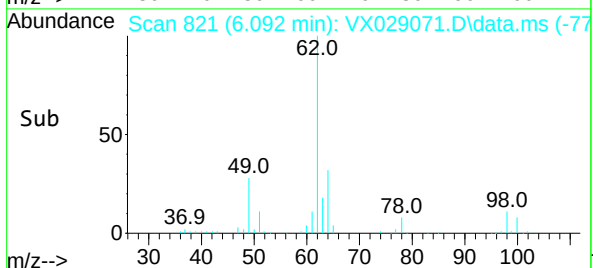
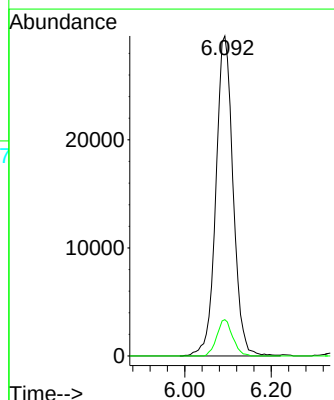
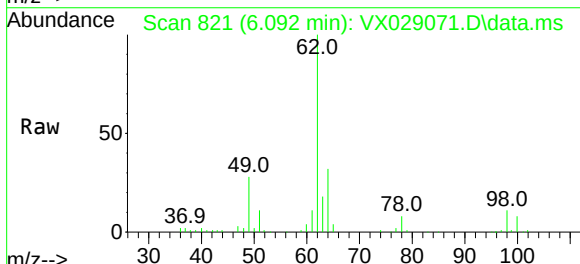
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

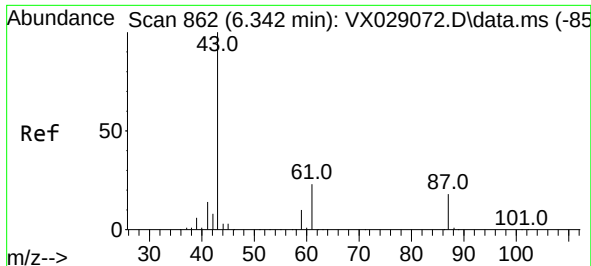
Tgt Ion: 41 Resp: 43036
Ion Ratio Lower Upper
41 100
39 53.8 43.0 64.4
67 82.7 70.2 105.4
52 30.7 26.0 39.0



#42
1,2-Dichloroethane
Concen: 20.076 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 62 Resp: 81731
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.4

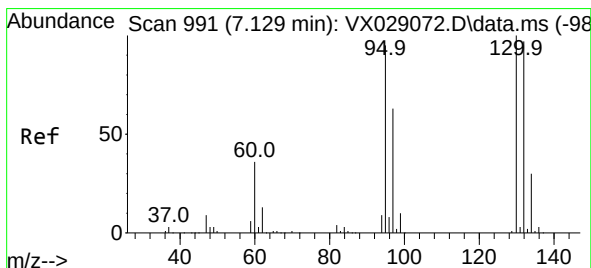
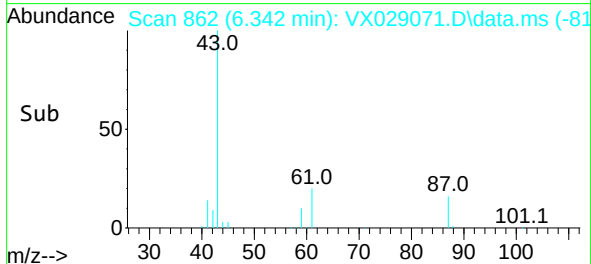
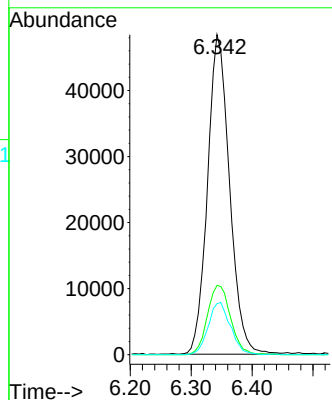
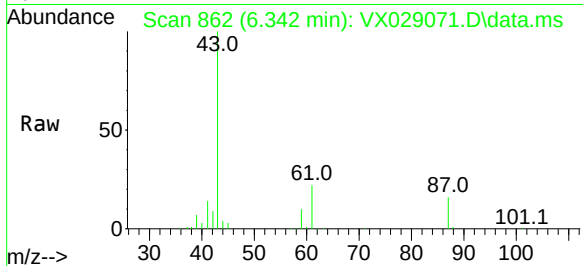




#43
Isopropyl Acetate
Concen: 19.805 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

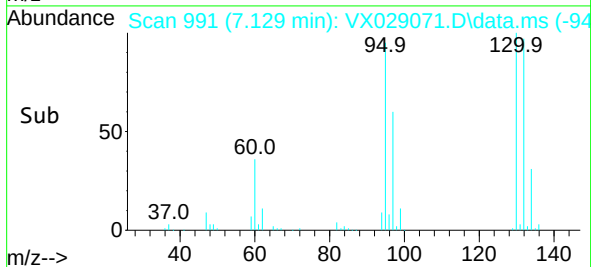
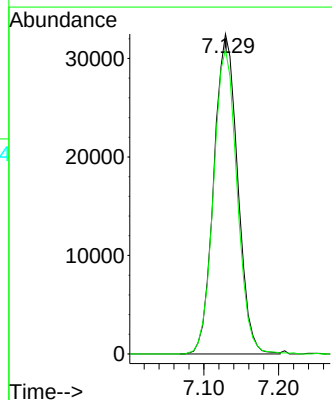
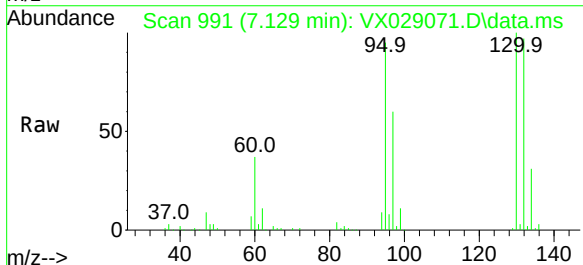
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

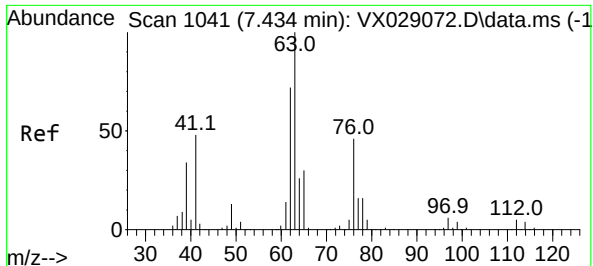
Tgt Ion: 43 Resp: 121709
Ion Ratio Lower Upper
43 100
61 22.8 18.5 27.7
87 16.4 13.0 19.6



#44
Trichloroethene
Concen: 19.782 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion:130 Resp: 71912
Ion Ratio Lower Upper
130 100
95 95.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 19.815 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

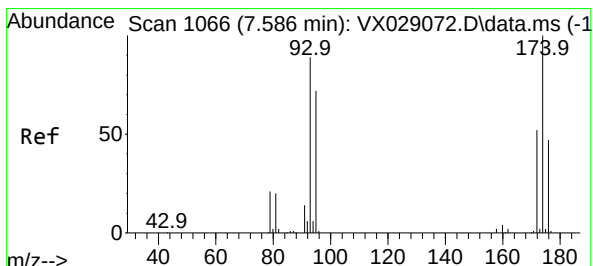
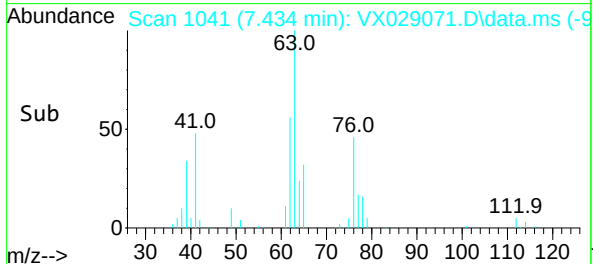
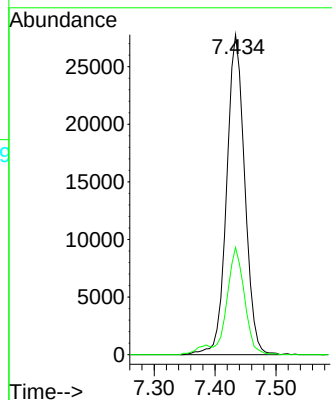
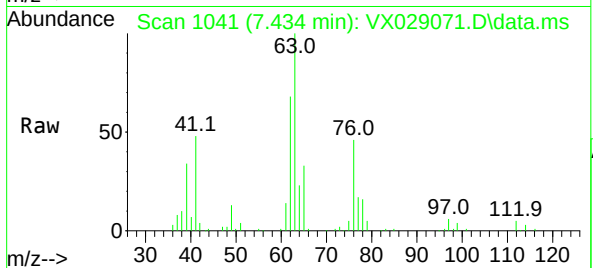
VSTDIC020

Tgt Ion: 63 Resp: 57325

Ion Ratio Lower Upper

63 100

65 33.5 25.8 38.6



#46

Dibromomethane

Concen: 19.832 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

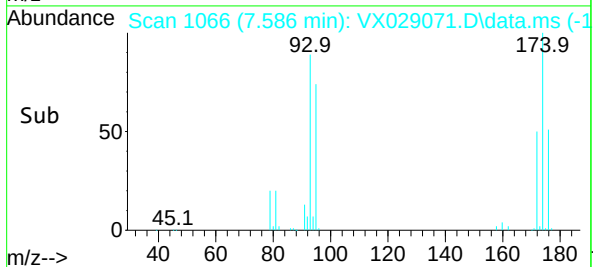
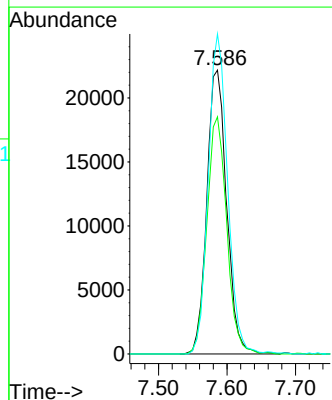
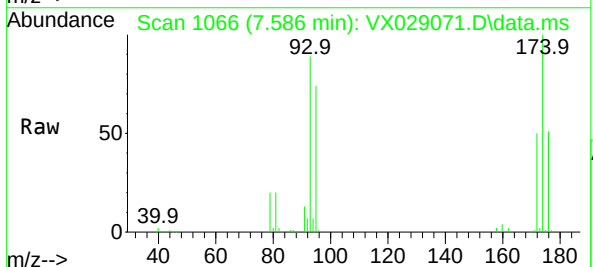
Tgt Ion: 93 Resp: 44696

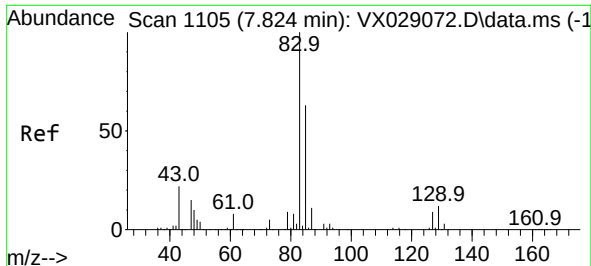
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

174 109.8 85.4 128.2

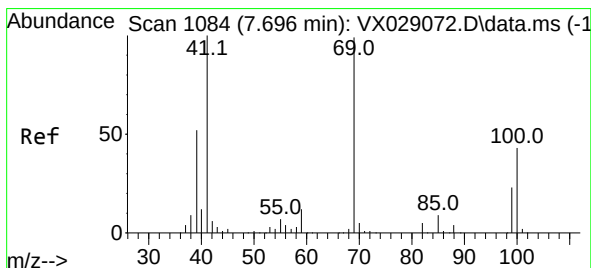
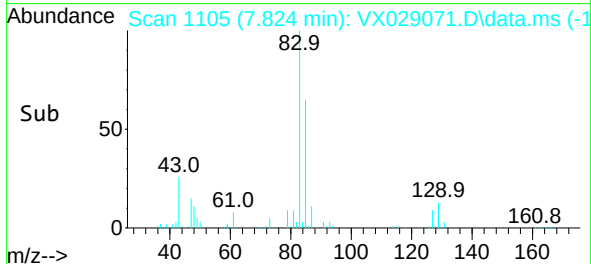
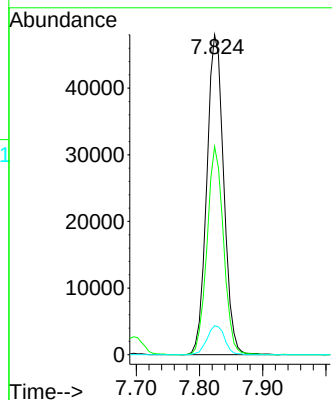
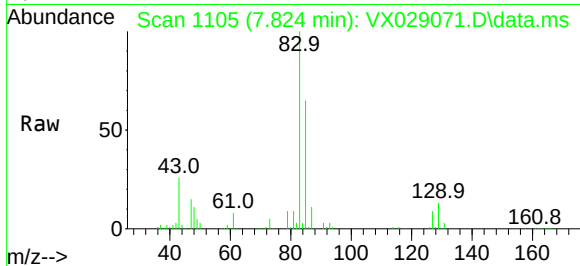




#47
Bromodichloromethane
Concen: 20.107 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

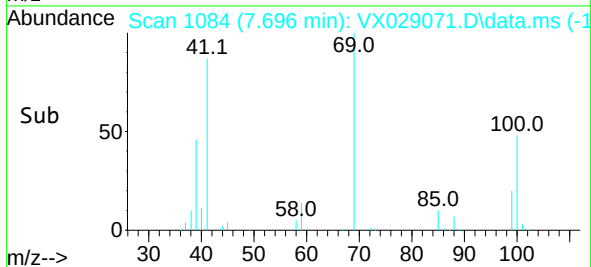
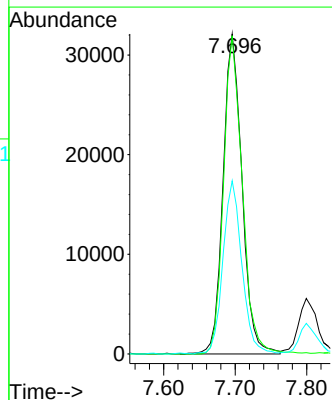
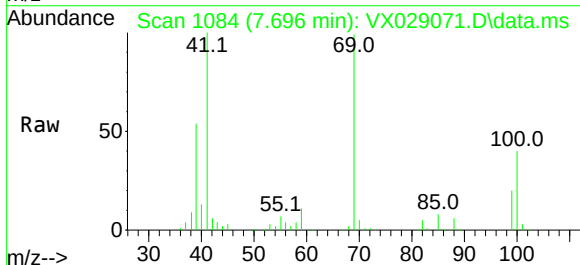
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

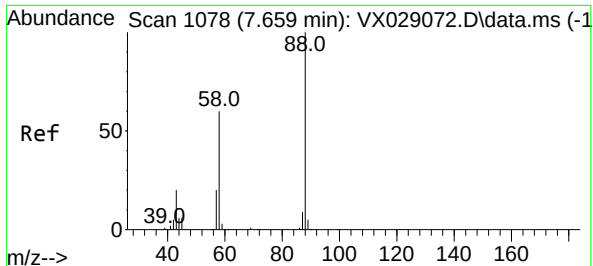
Tgt Ion: 83 Resp: 89334
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.2
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 19.798 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 41 Resp: 59184
Ion Ratio Lower Upper
41 100
69 98.5 82.5 123.7
39 54.1 43.8 65.8





#49

1,4-Dioxane

Concen: 399.710 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

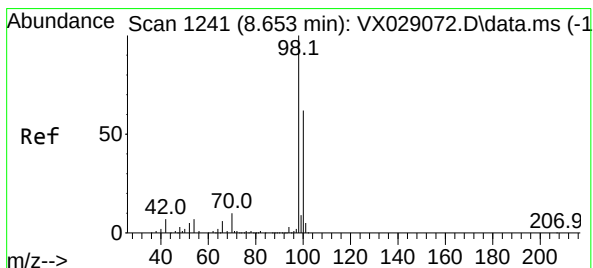
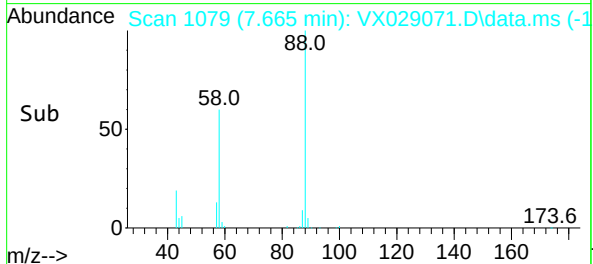
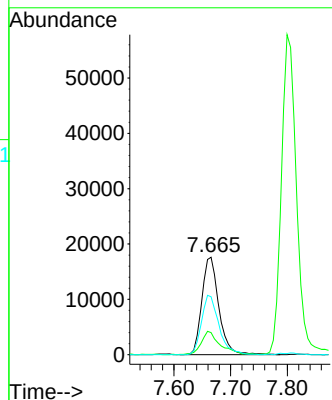
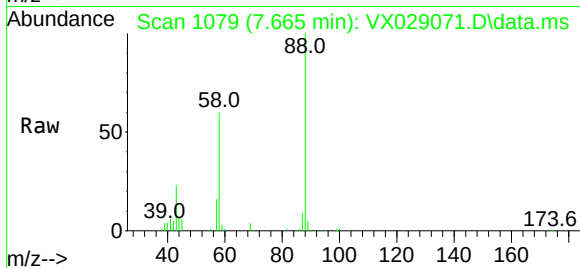
Tgt Ion: 88 Resp: 36563

Ion Ratio Lower Upper

88 100

43 26.7 21.9 32.9

58 62.6 53.7 80.5



#50

Toluene-d8

Concen: 18.824 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029071.D

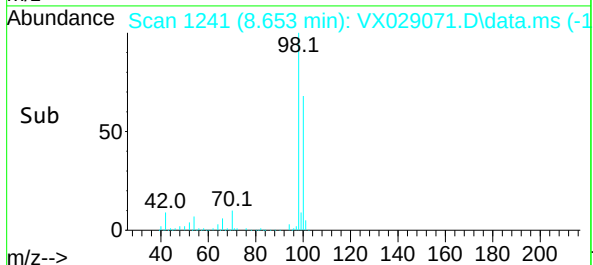
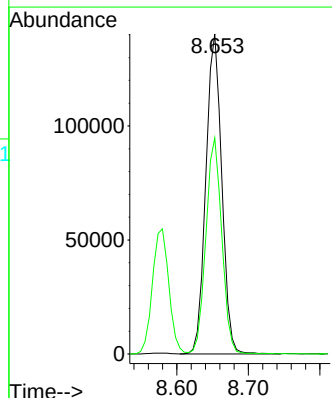
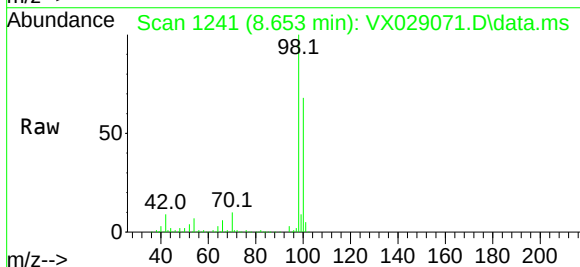
Acq: 31 May 2022 12:54

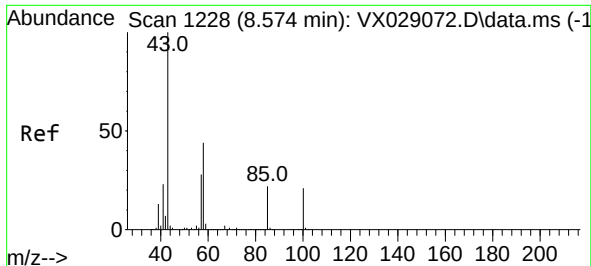
Tgt Ion: 98 Resp: 216879

Ion Ratio Lower Upper

98 100

100 67.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 101.455 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

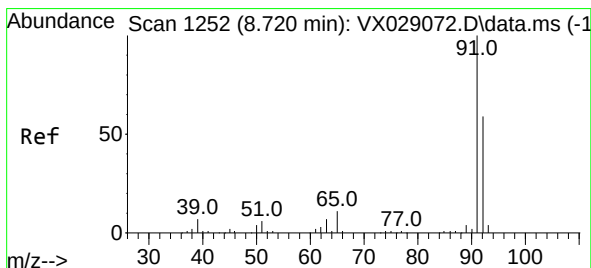
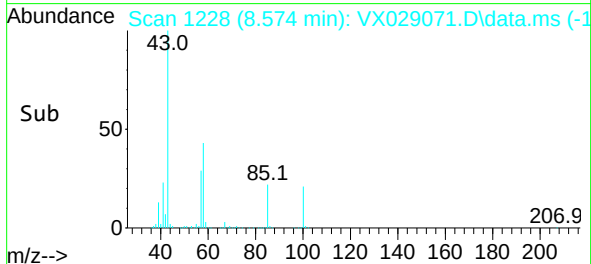
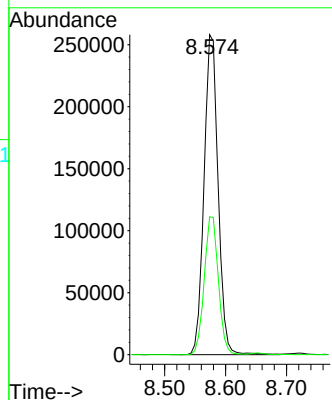
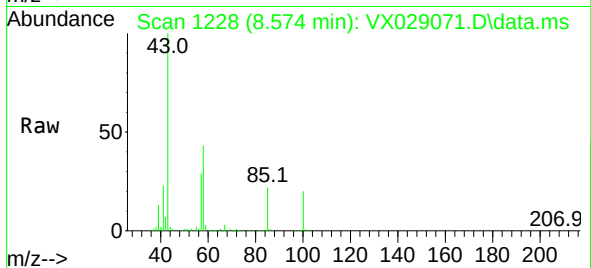
VSTDICC020

Tgt Ion: 43 Resp: 414695

Ion Ratio Lower Upper

43 100

58 43.5 36.1 54.1



#52

Toluene

Concen: 19.849 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX029071.D

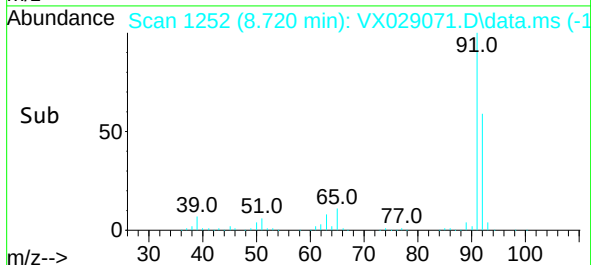
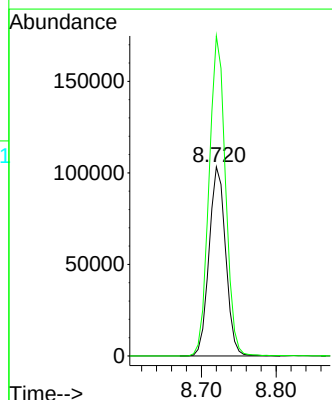
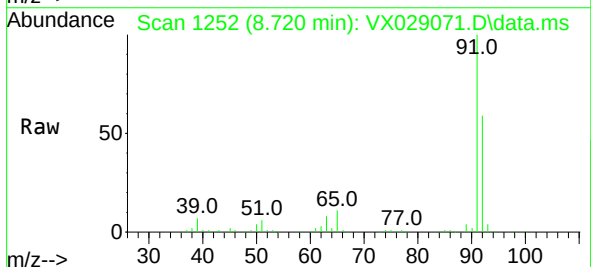
Acq: 31 May 2022 12:54

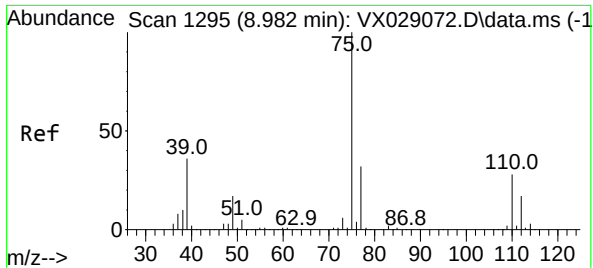
Tgt Ion: 92 Resp: 159169

Ion Ratio Lower Upper

92 100

91 167.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.694 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

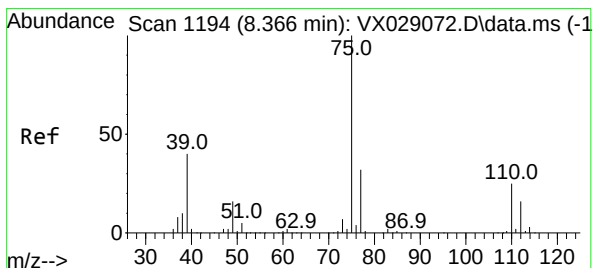
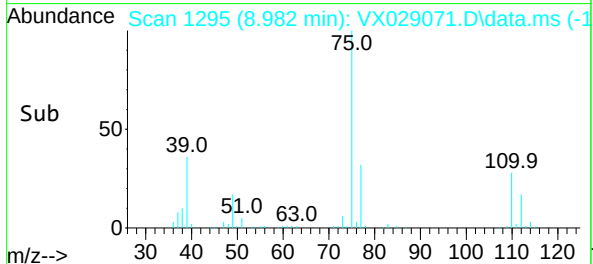
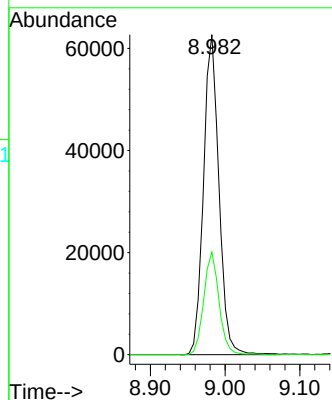
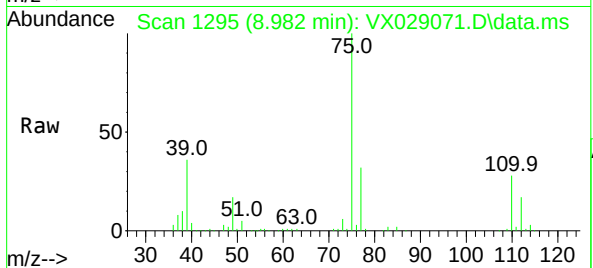
VSTDIC020

Tgt Ion: 75 Resp: 89926

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.439 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

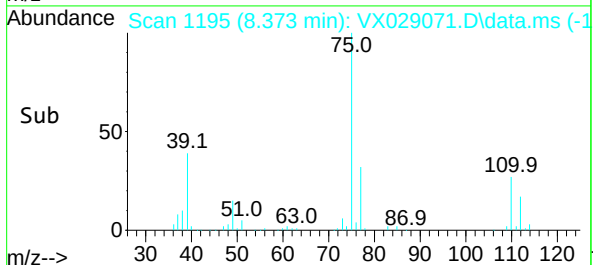
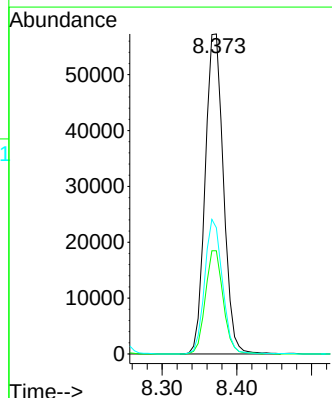
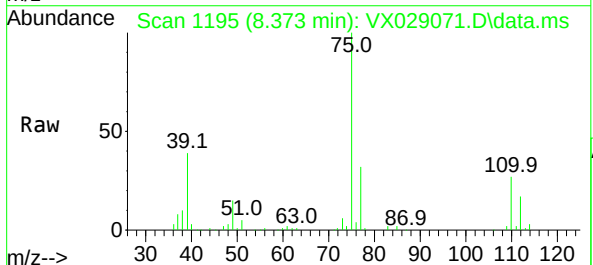
Tgt Ion: 75 Resp: 97121

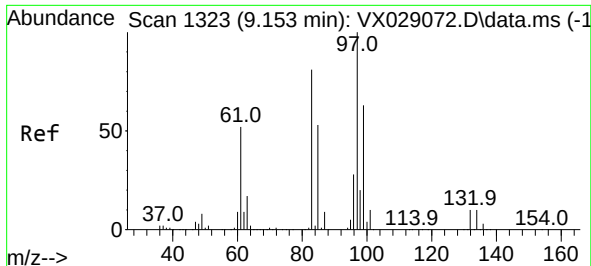
Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 39.4 29.6 44.4

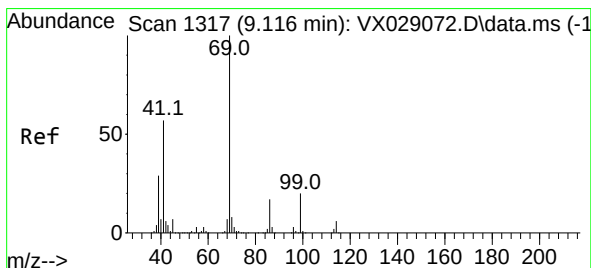
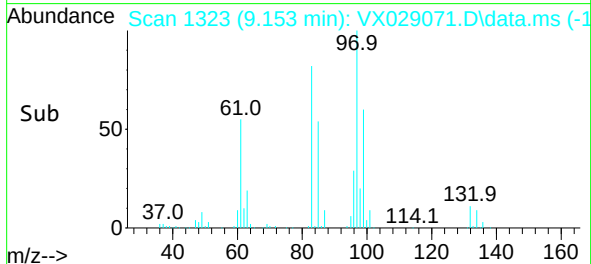
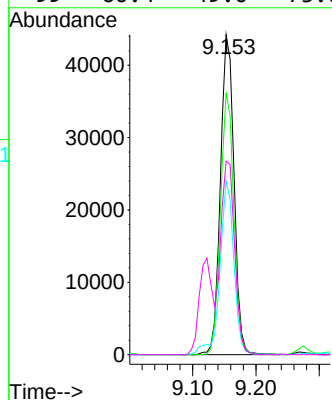
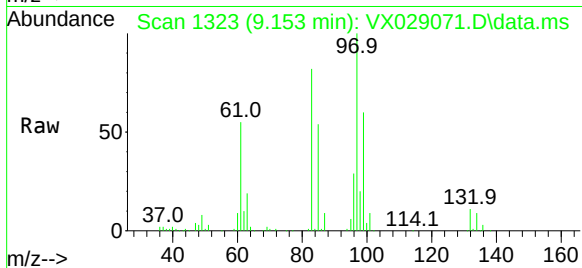




#55
1,1,2-Trichloroethane
Concen: 19.683 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

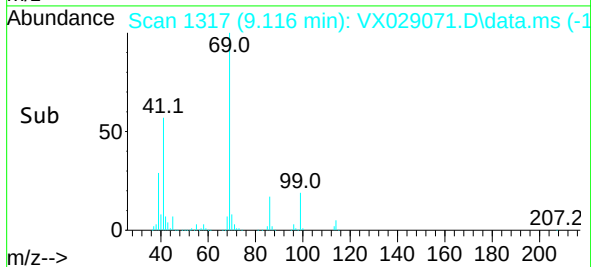
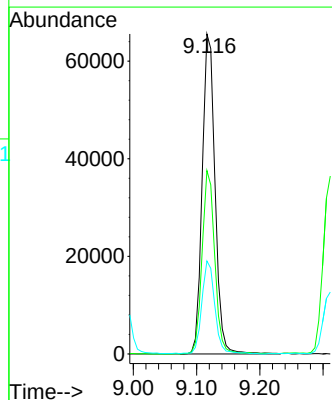
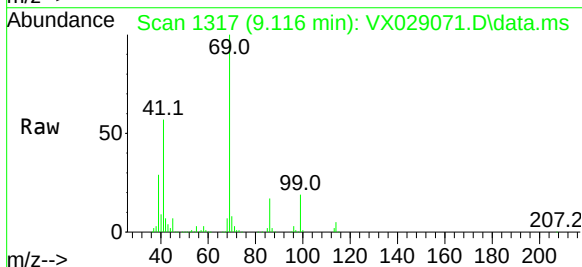
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

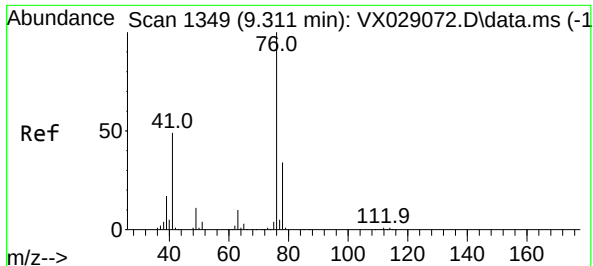
Tgt Ion: 97	Resp: 65679
Ion Ratio	Lower Upper
97 100	
83 81.7	66.2 99.4
85 54.3	42.9 64.3
99 60.4	49.0 73.6



#56
Ethyl methacrylate
Concen: 19.573 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 69	Resp: 92708
Ion Ratio	Lower Upper
69 100	
41 57.0	43.8 65.6
39 29.8	22.2 33.2





#57

1,3-Dichloropropane

Concen: 19.986 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

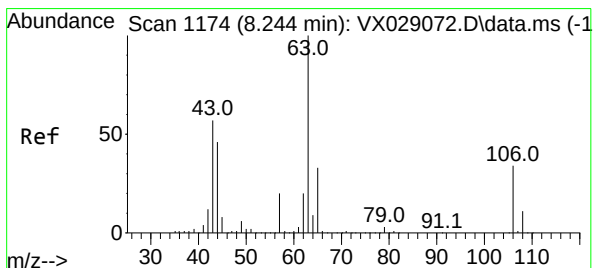
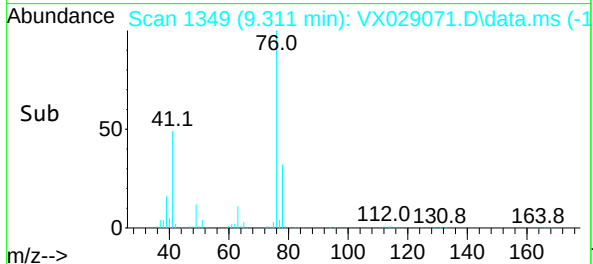
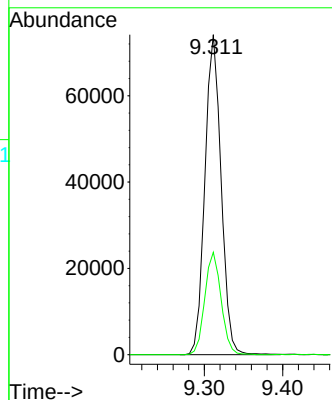
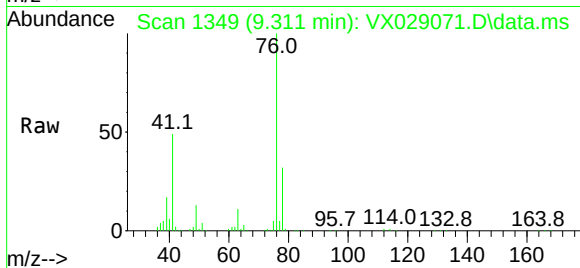
VSTDIC020

Tgt Ion: 76 Resp: 106298

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.934 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX029071.D

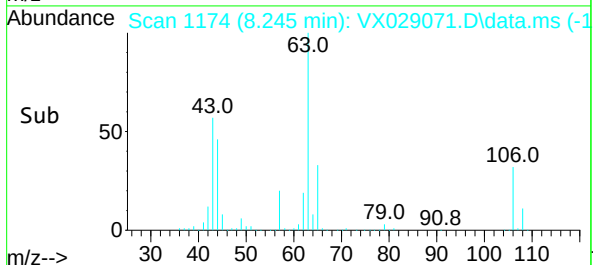
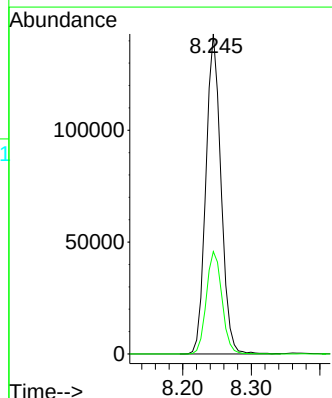
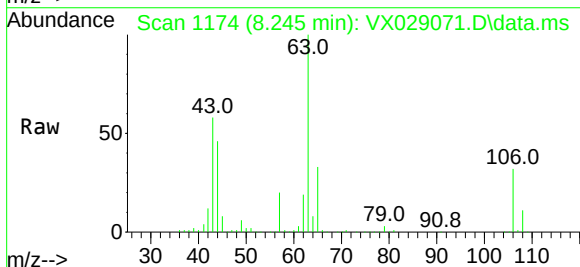
Acq: 31 May 2022 12:54

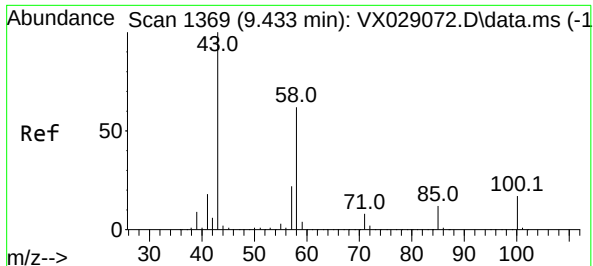
Tgt Ion: 63 Resp: 219812

Ion Ratio Lower Upper

63 100

106 33.0 23.9 35.9

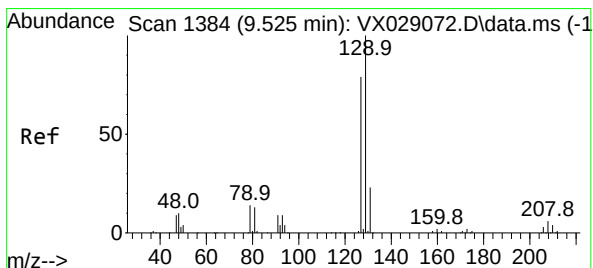
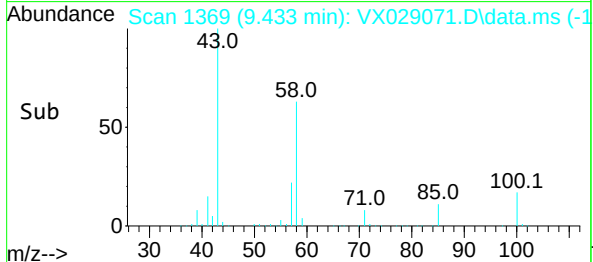
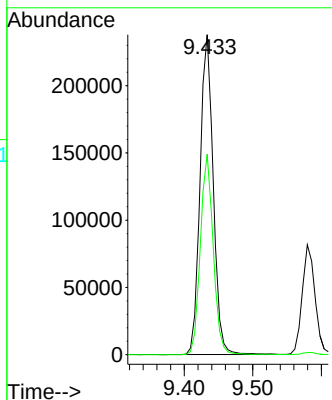
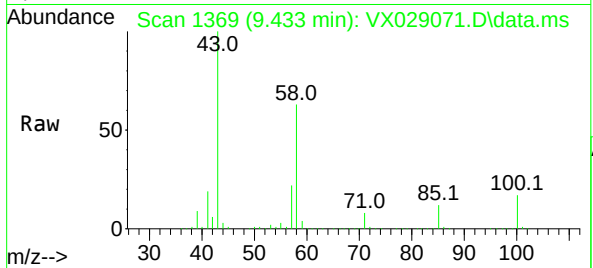




#59
2-Hexanone
Concen: 100.398 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

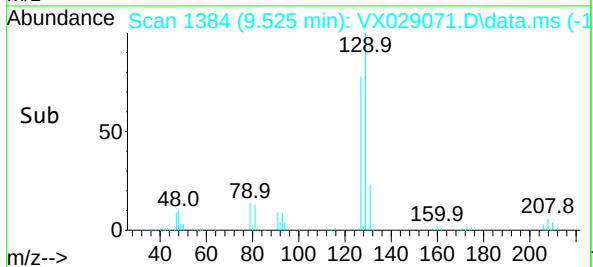
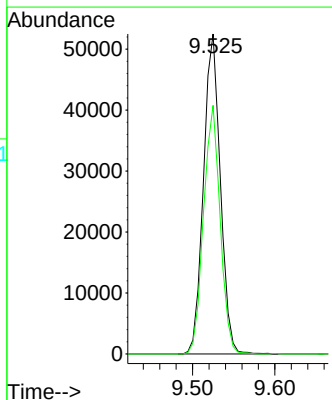
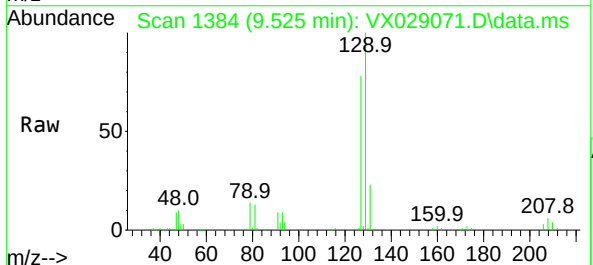
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

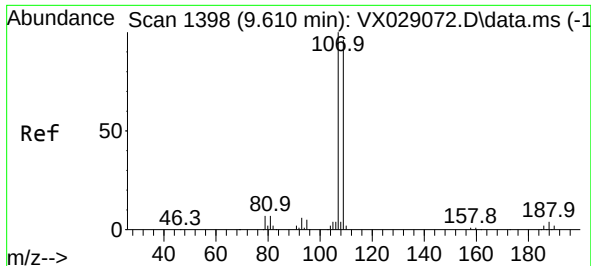
Tgt Ion: 43 Resp: 319369
Ion Ratio Lower Upper
43 100
58 61.4 31.9 95.7



#60
Dibromochloromethane
Concen: 19.674 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 129 Resp: 74716
Ion Ratio Lower Upper
129 100
127 76.7 40.3 120.8

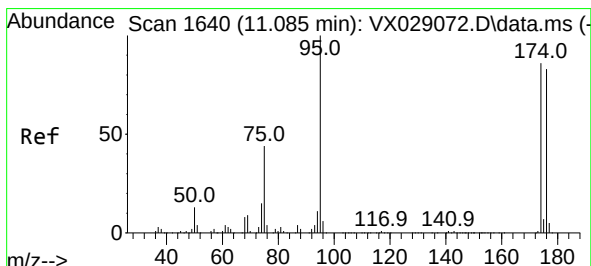
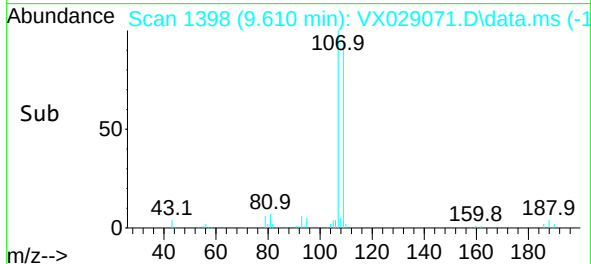
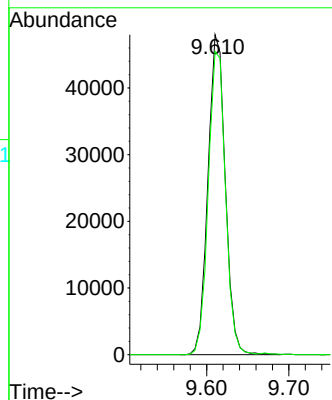
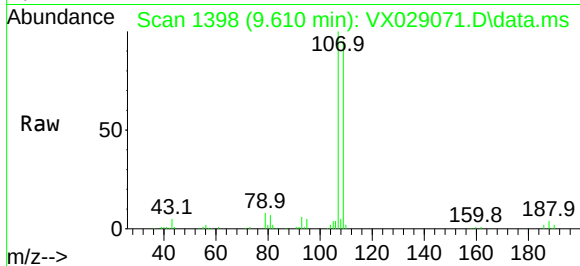




#61
1,2-Dibromoethane
Concen: 19.434 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

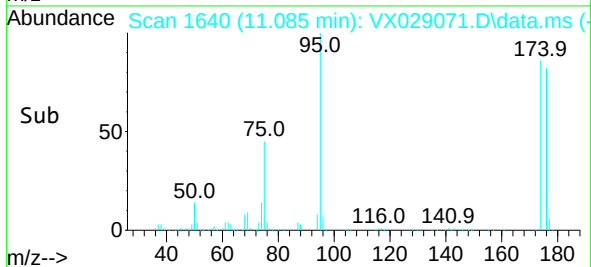
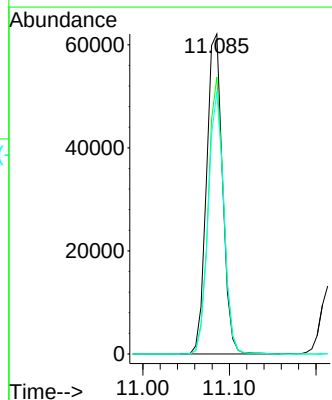
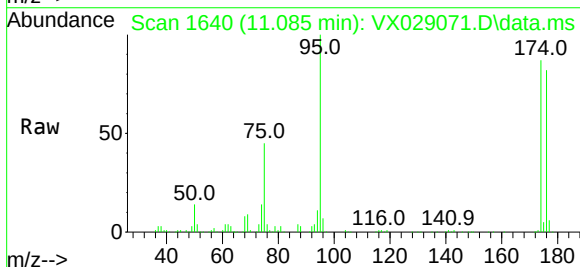
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

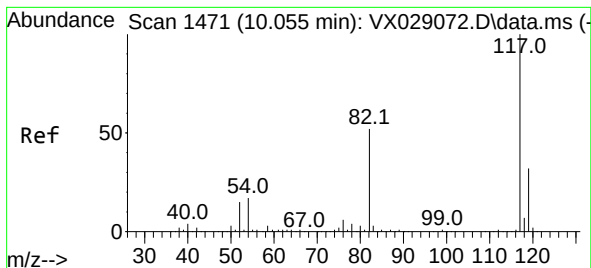
Tgt Ion:107 Resp: 70139
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 17.921 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 95 Resp: 79813
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 79.5 0.0 155.0

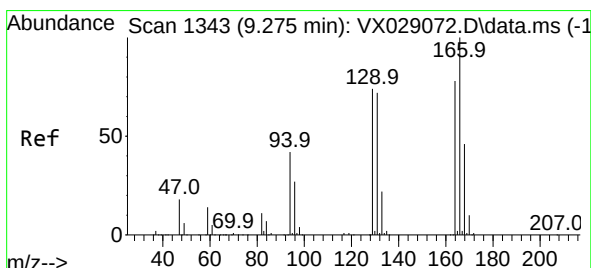
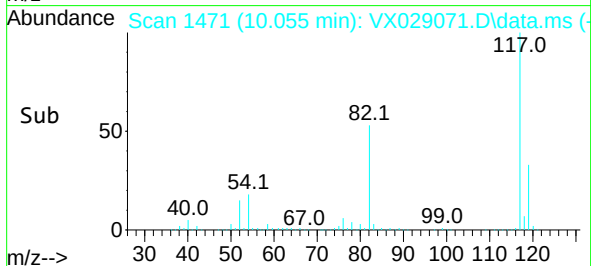
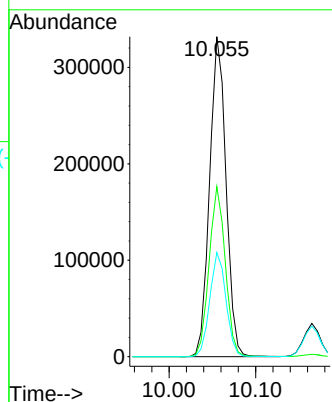
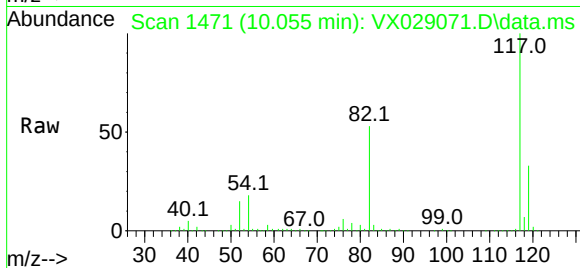




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

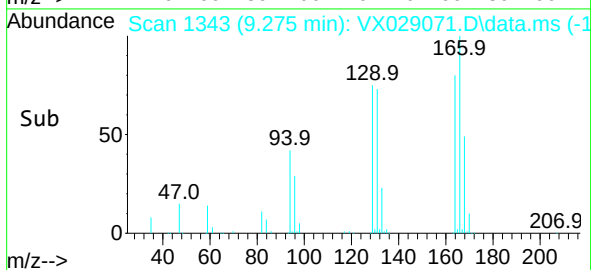
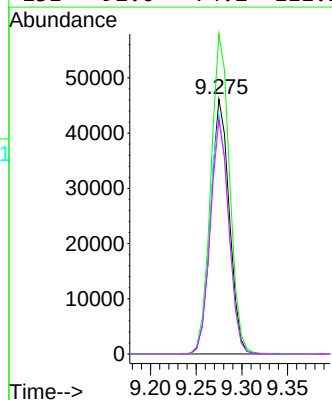
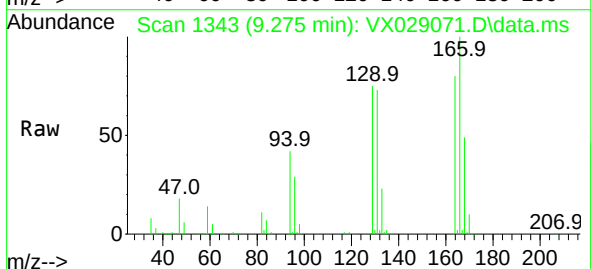
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

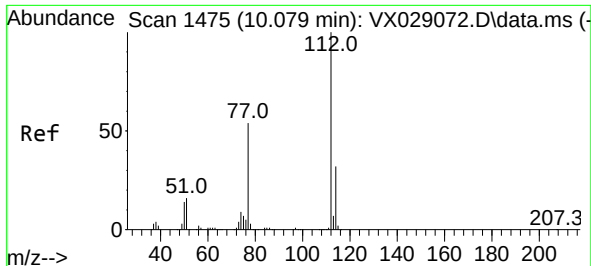
Tgt Ion:117 Resp: 436730
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 19.866 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion:164 Resp: 65325
Ion Ratio Lower Upper
164 100
166 125.7 101.2 151.8
129 94.1 73.0 109.4
131 92.0 74.2 111.2

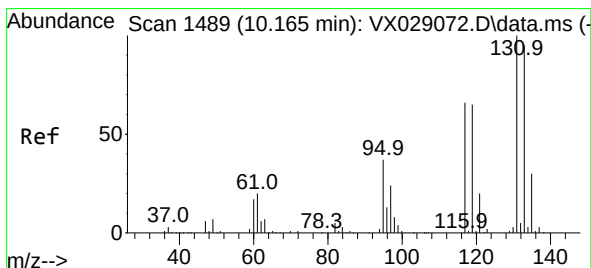
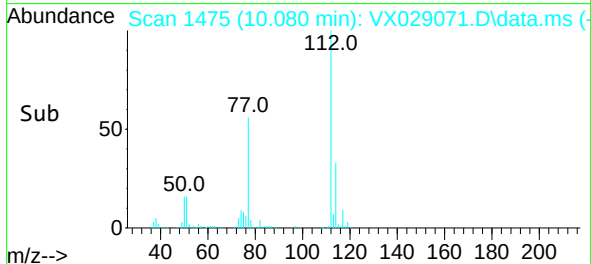
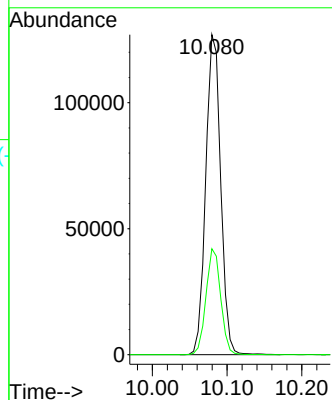
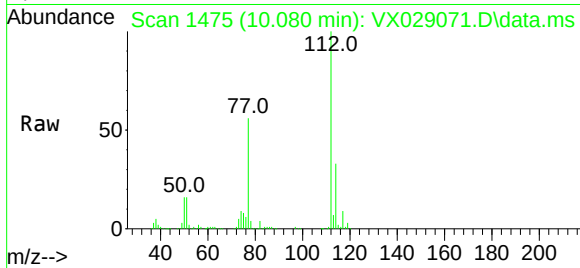




#65
Chlorobenzene
Concen: 19.640 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

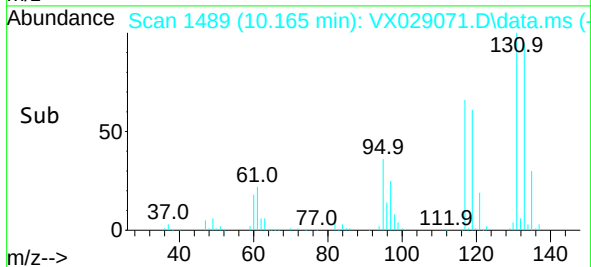
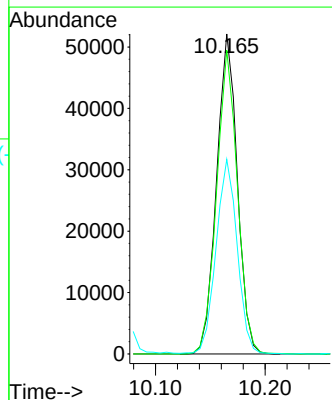
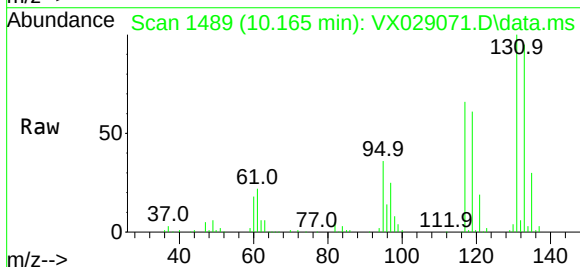
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

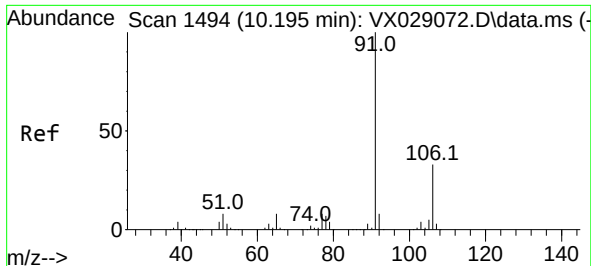
Tgt Ion:112 Resp: 176210
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.800 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion:131 Resp: 68476
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.8
119 62.3 32.6 98.0





#67

Ethyl Benzene

Concen: 19.832 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

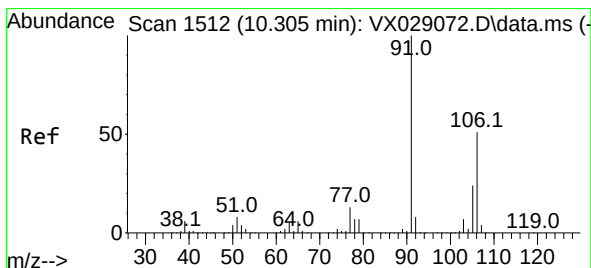
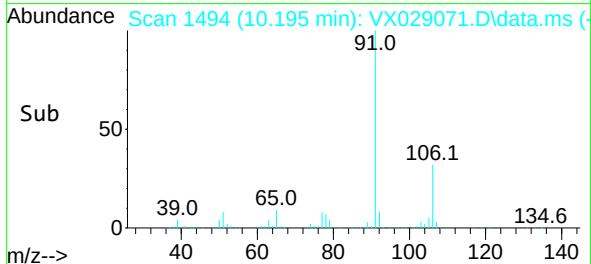
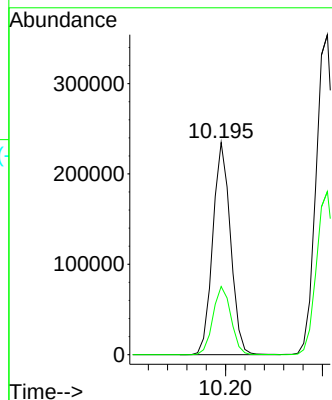
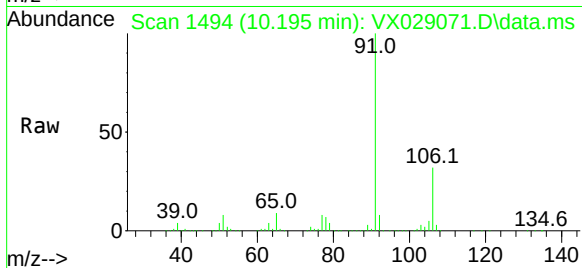
VSTDICC020

Tgt Ion: 91 Resp: 298969

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 40.064 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029071.D

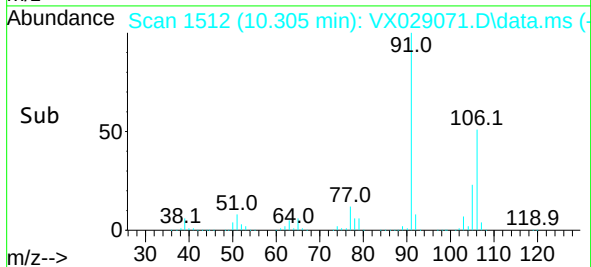
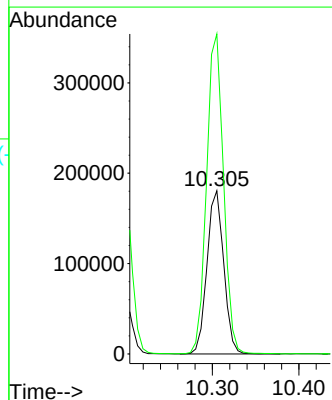
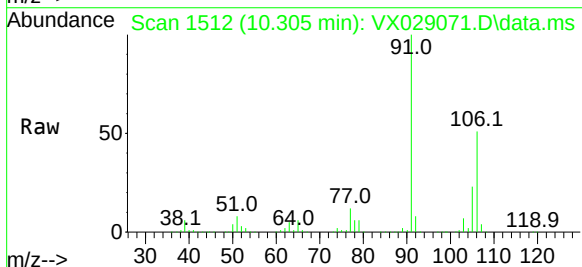
Acq: 31 May 2022 12:54

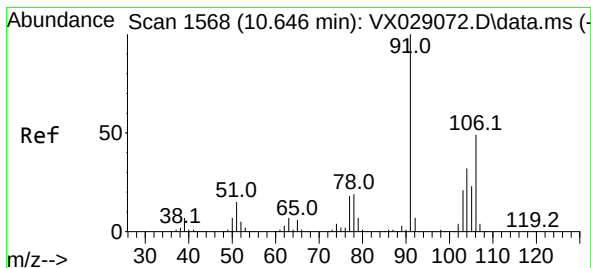
Tgt Ion: 106 Resp: 242547

Ion Ratio Lower Upper

106 100

91 197.9 160.4 240.6





#69

o-Xylene

Concen: 19.870 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. 0.001 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

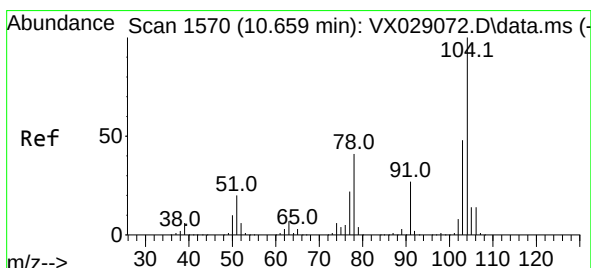
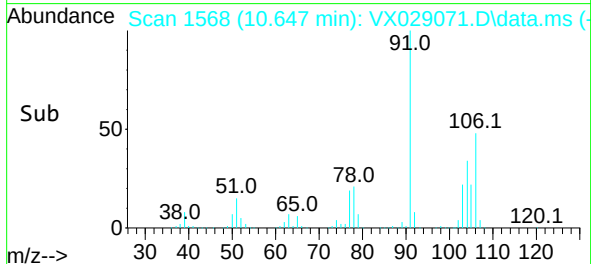
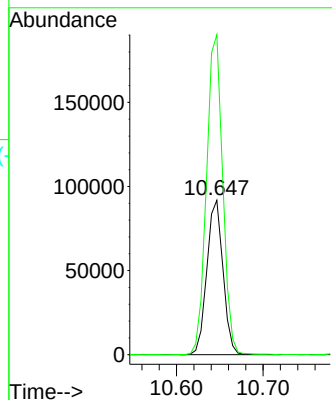
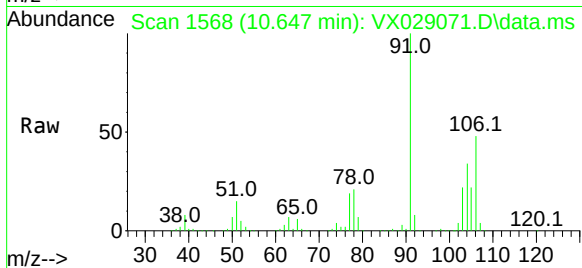
VSTDIC020

Tgt Ion:106 Resp: 118889

Ion Ratio Lower Upper

106 100

91 208.7 106.1 318.1



#70

Styrene

Concen: 20.152 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

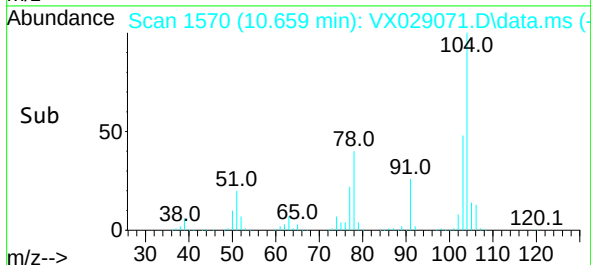
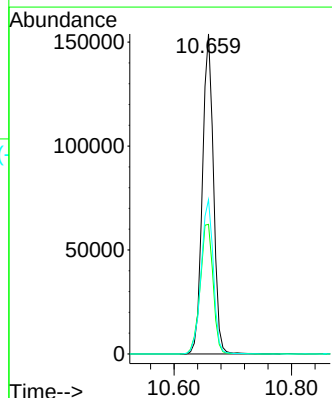
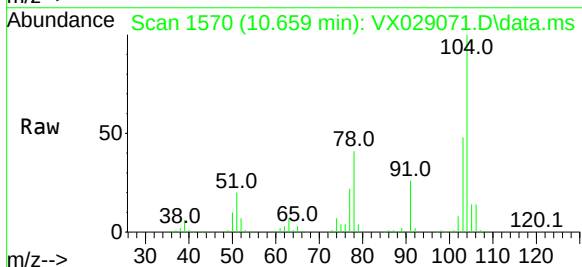
Tgt Ion:104 Resp: 200664

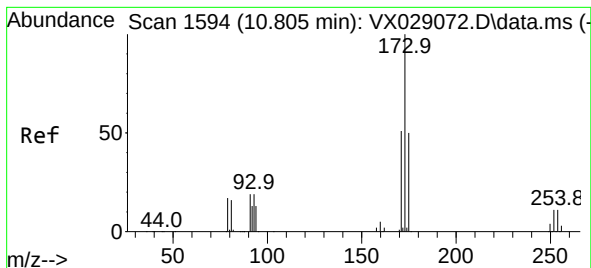
Ion Ratio Lower Upper

104 100

78 47.4 38.6 57.8

103 53.3 43.8 65.8





#71

Bromoform

Concen: 19.567 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

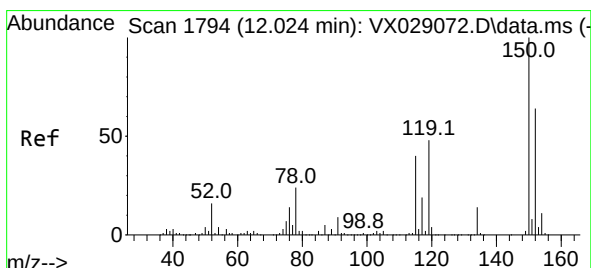
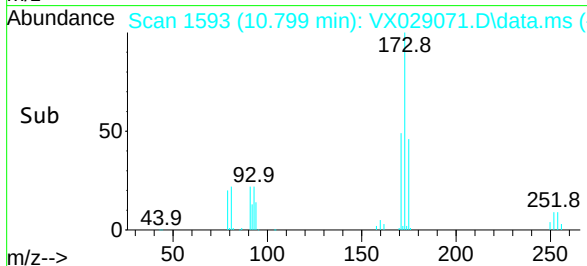
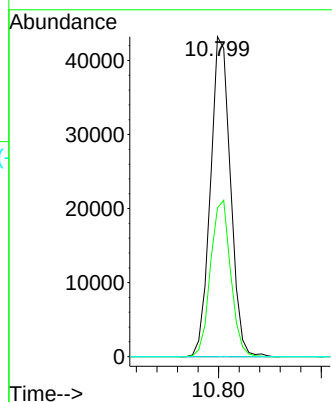
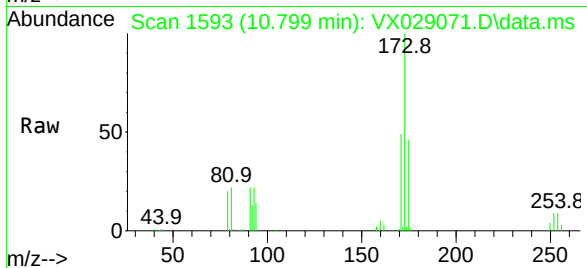
Tgt Ion:173 Resp: 58424

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.2

254 0.0 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: VX029071.D

Acq: 31 May 2022 12:54

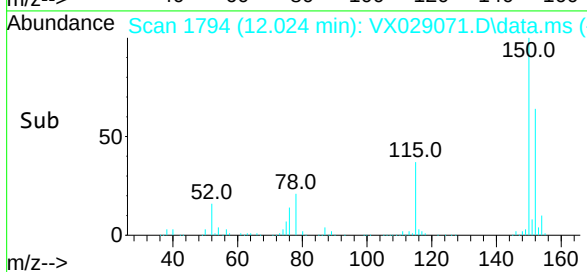
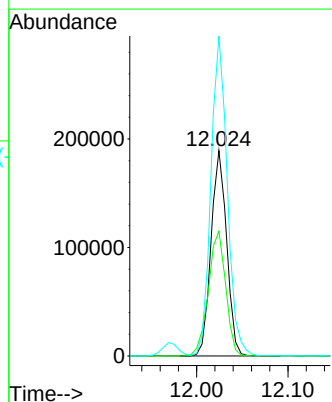
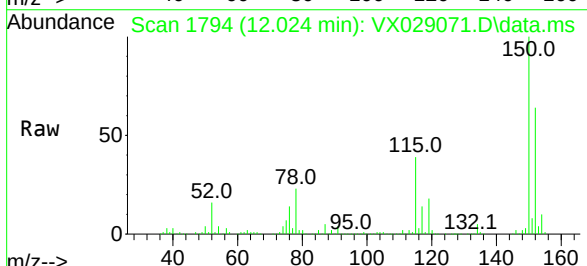
Tgt Ion:152 Resp: 223897

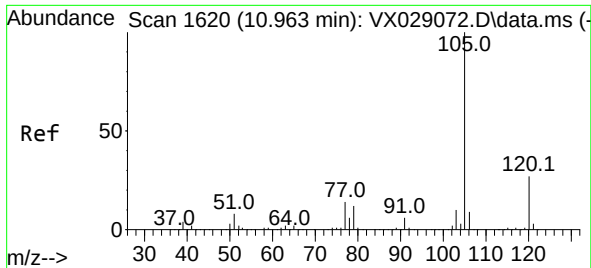
Ion Ratio Lower Upper

152 100

115 67.5 37.5 112.7

150 163.1 0.0 338.2

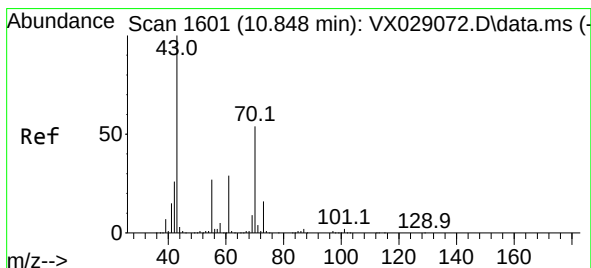
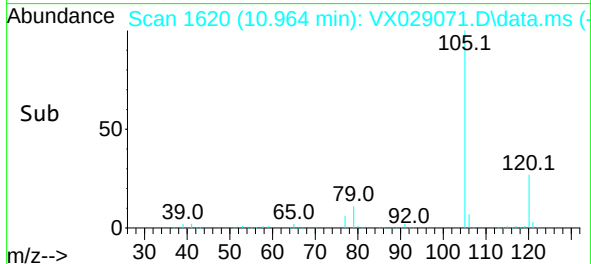
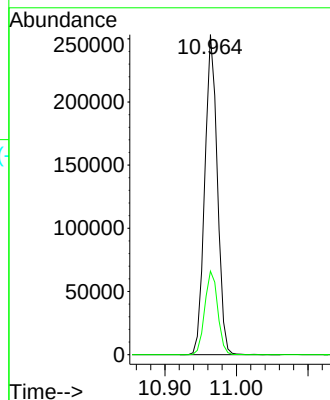
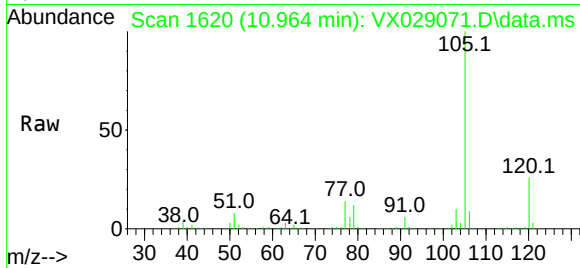




#73
Isopropylbenzene
Concen: 20.534 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

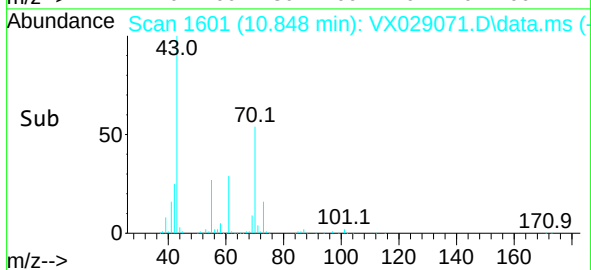
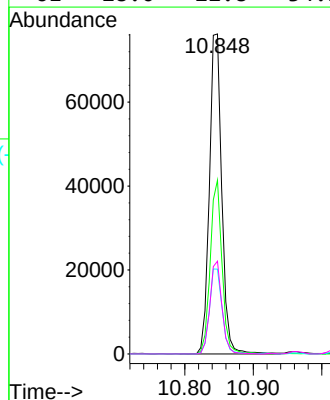
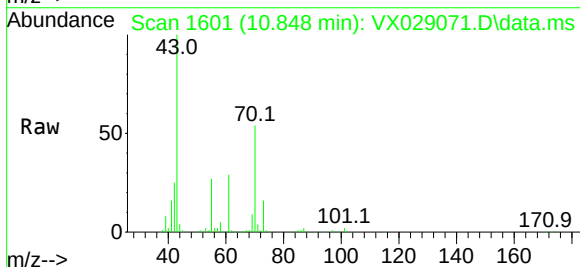
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

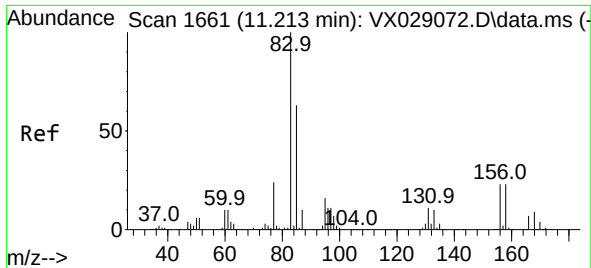
Tgt Ion:105 Resp: 308957
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5



#74
N-ethyl acetate
Concen: 19.720 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 43 Resp: 96076
Ion Ratio Lower Upper
43 100
70 51.7 42.5 63.7
55 27.2 23.1 34.7
61 28.0 22.8 34.2

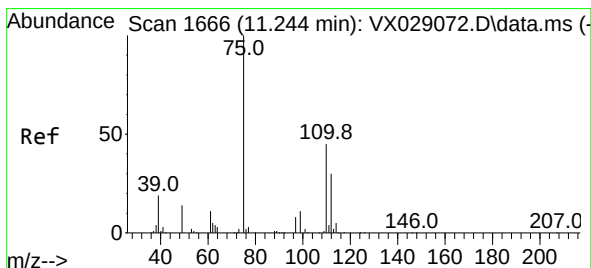
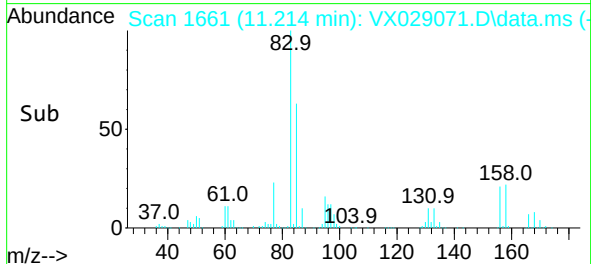
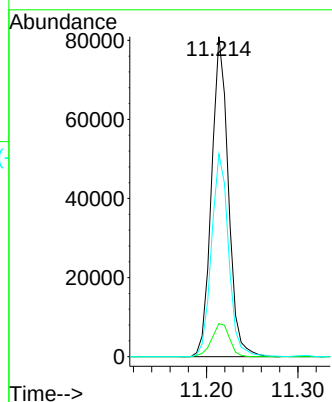
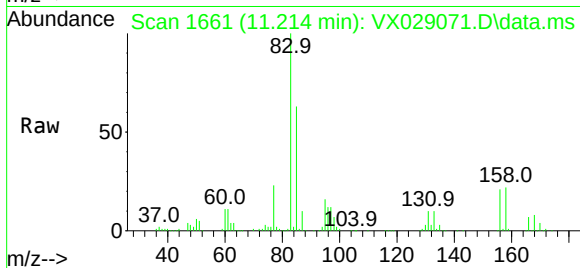




#75
1,1,2,2-Tetrachloroethane
Concen: 20.295 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

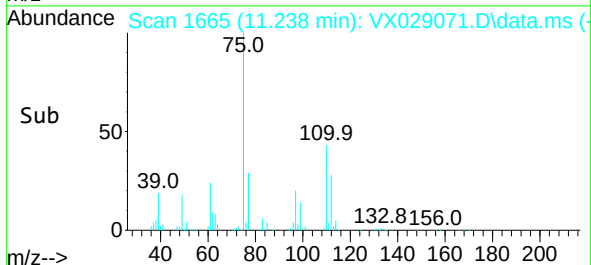
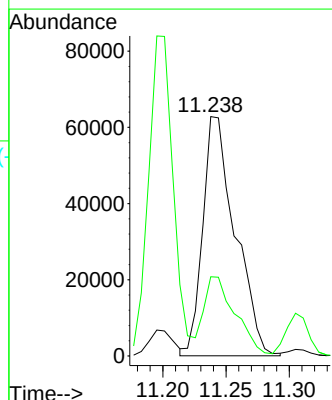
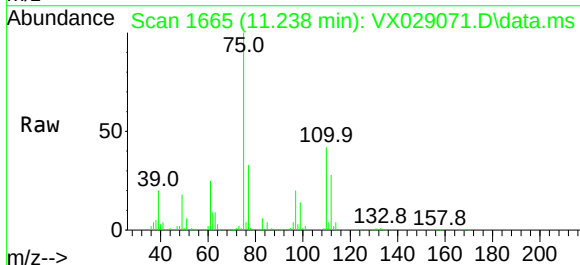
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

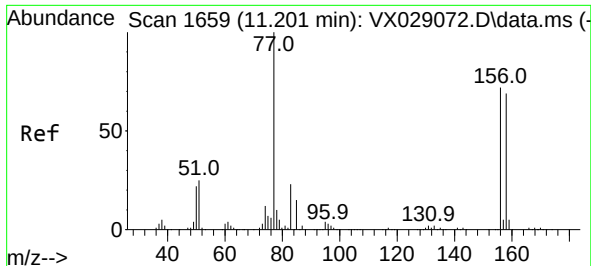
Tgt Ion: 83 Resp: 102942
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 64.7 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 24.769 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 75 Resp: 112419
Ion Ratio Lower Upper
75 100
77 31.8 19.4 58.2

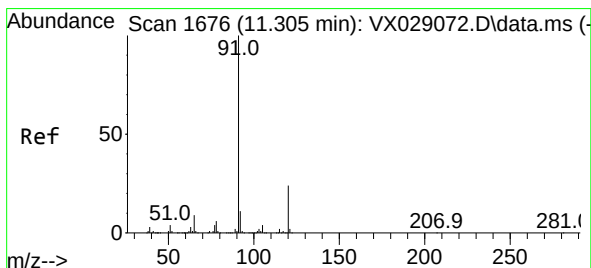
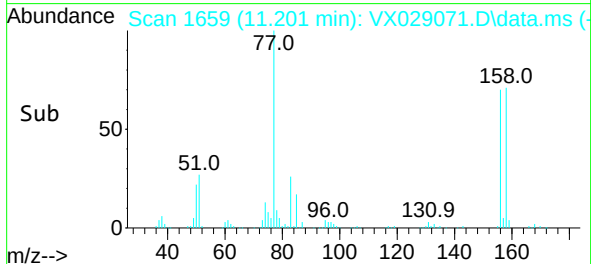
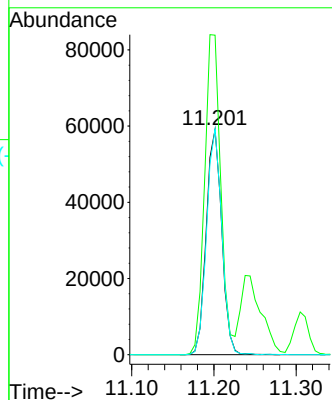
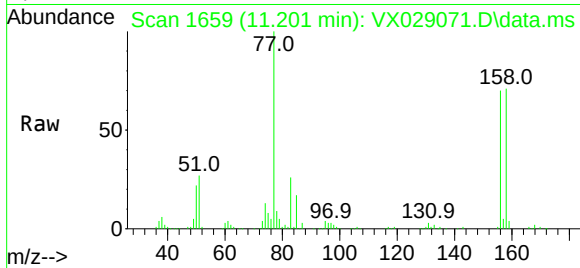




#77
Bromobenzene
Concen: 19.257 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

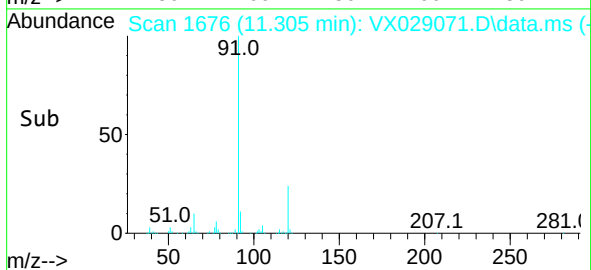
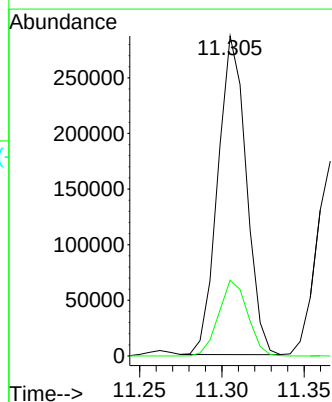
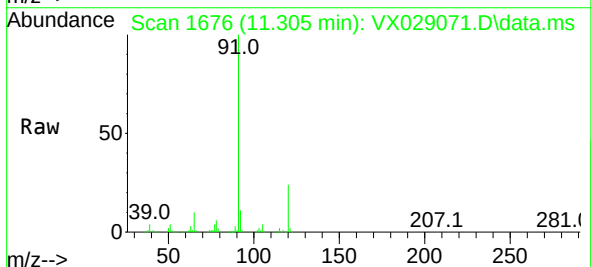
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

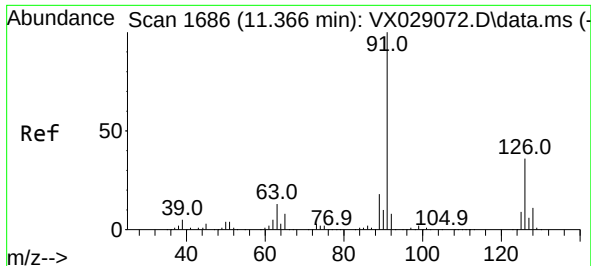
Tgt Ion:156 Resp: 77276
Ion Ratio Lower Upper
156 100
77 148.8 78.5 235.3
158 98.6 50.2 150.7



#78
n-propylbenzene
Concen: 20.587 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 91 Resp: 344514
Ion Ratio Lower Upper
91 100
120 24.2 11.6 34.8

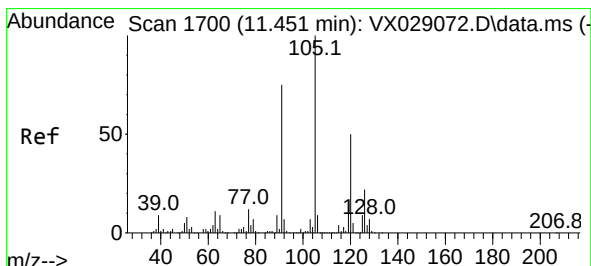
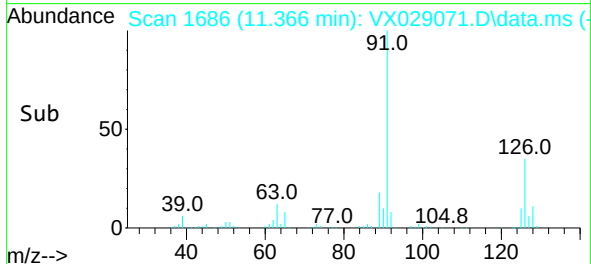
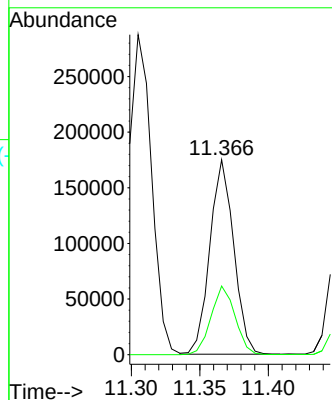
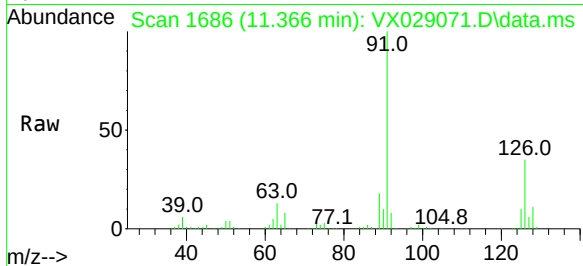




#79
2-Chlorotoluene
Concen: 19.975 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

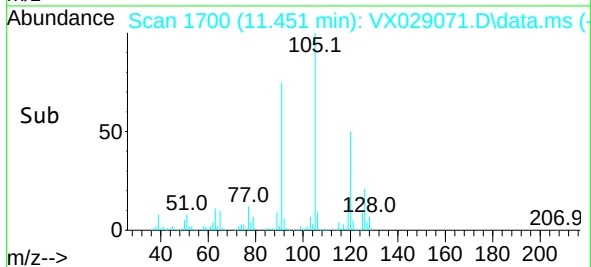
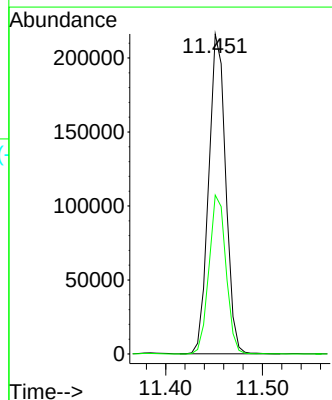
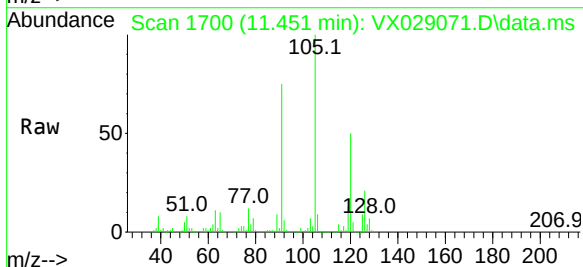
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

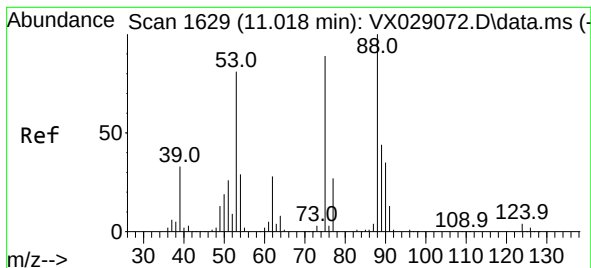
Tgt Ion: 91 Resp: 211287
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 20.457 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 105 Resp: 263505
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.9

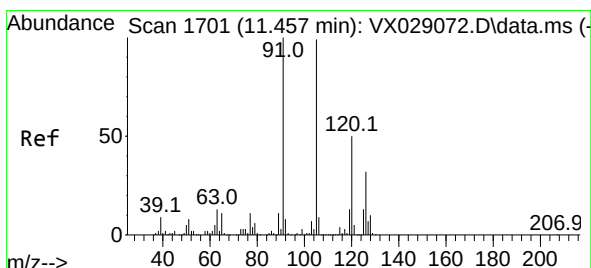
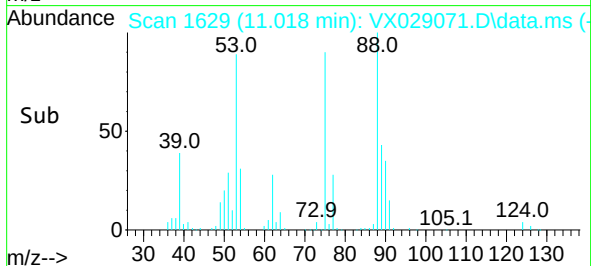
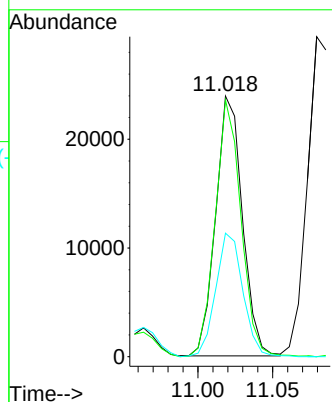
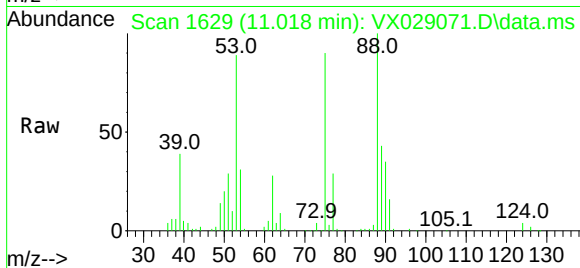




#81
trans-1,4-Dichloro-2-butene
Concen: 19.224 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

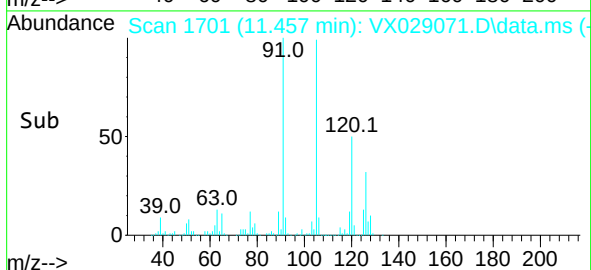
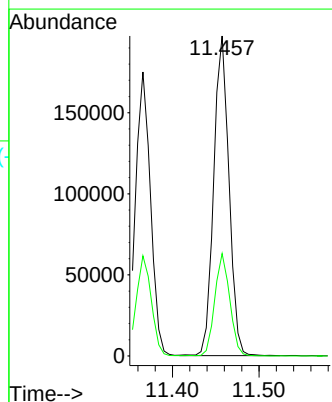
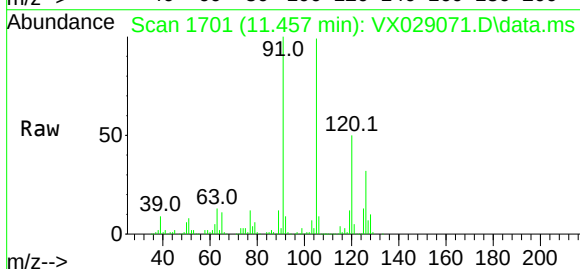
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

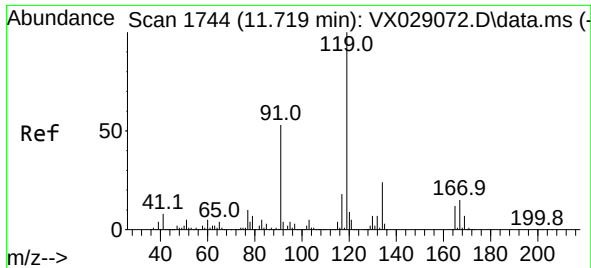
Tgt Ion: 75 Resp: 29741
Ion Ratio Lower Upper
75 100
53 95.4 69.0 103.4
89 48.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.944 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 91 Resp: 241489
Ion Ratio Lower Upper
91 100
126 31.6 14.9 44.5

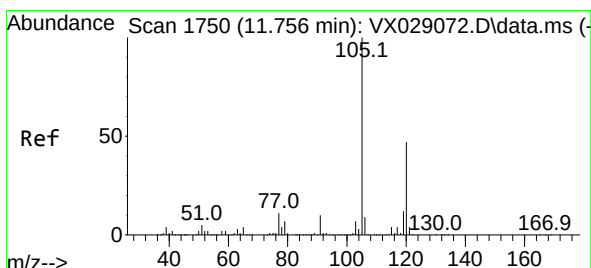
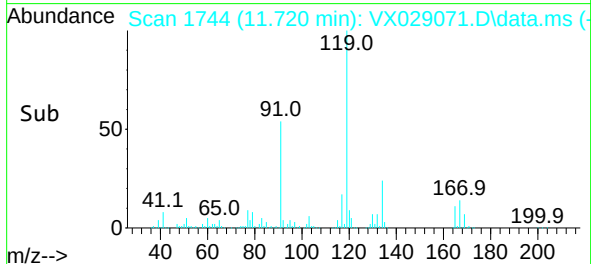
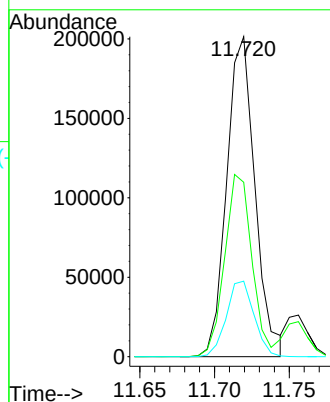
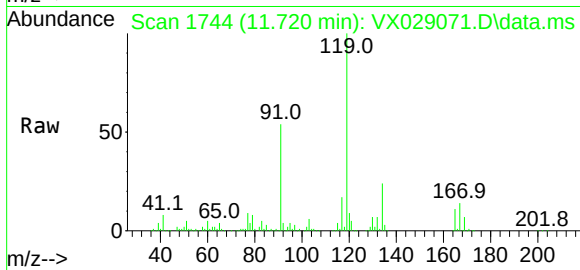




#83
 tert-Butylbenzene
 Concen: 20.100 ug/l
 RT: 11.720 min Scan# 1744
 Delta R.T. 0.001 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

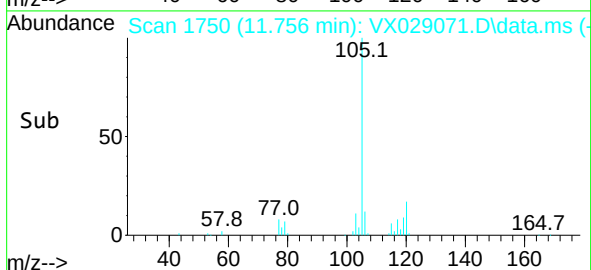
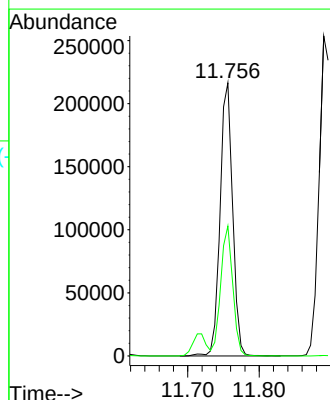
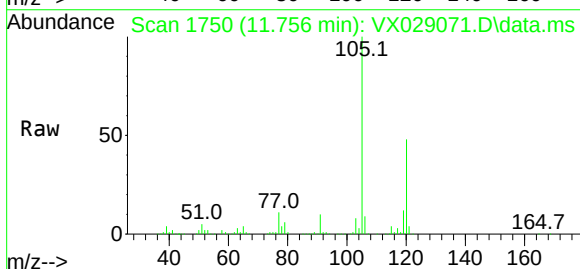
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

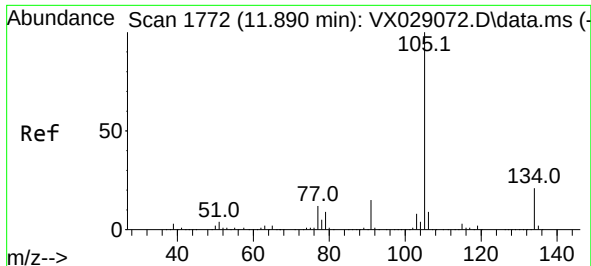
Tgt Ion:119 Resp: 264627
 Ion Ratio Lower Upper
 119 100
 91 54.9 26.9 80.6
 134 23.2 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 20.505 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

Tgt Ion:105 Resp: 263637
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.8

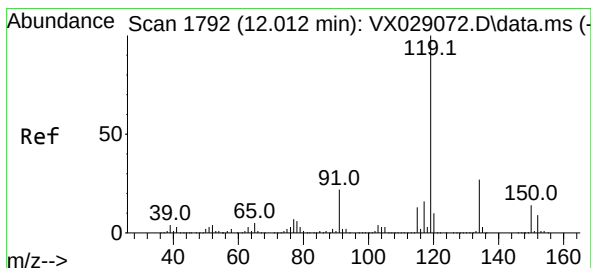
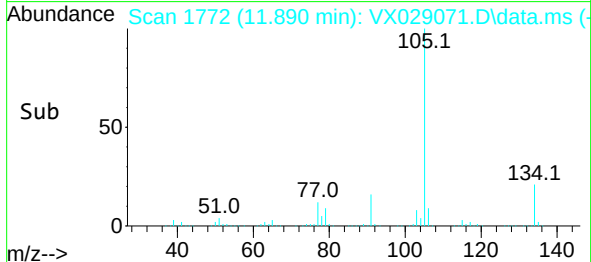
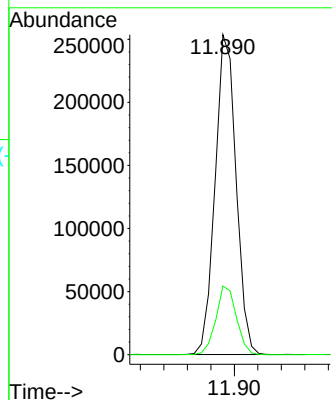
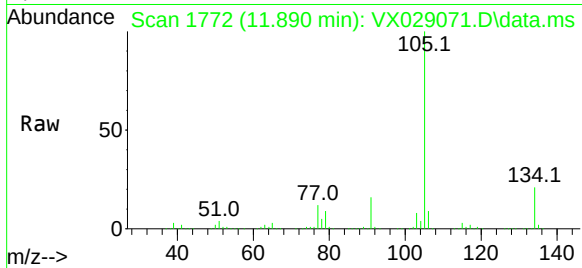




#85
 sec-Butylbenzene
 Concen: 20.323 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

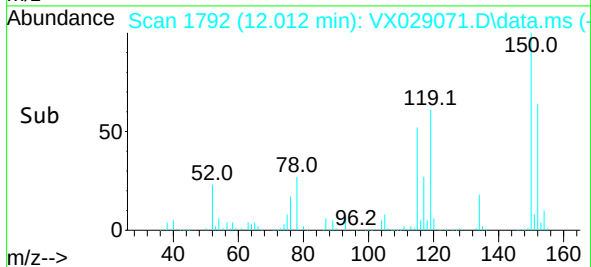
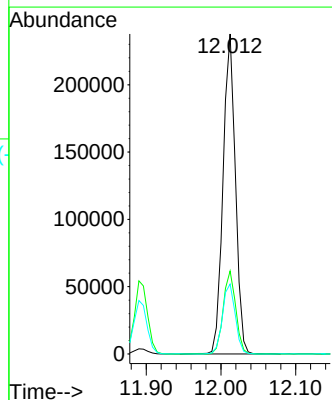
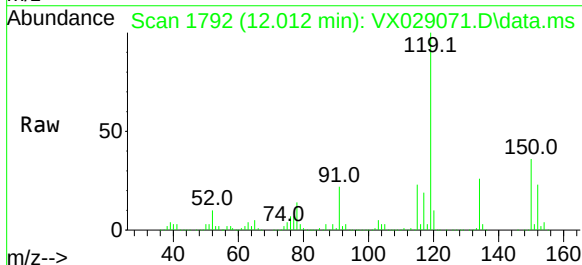
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

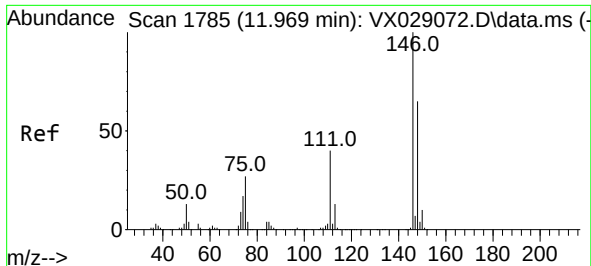
Tgt Ion:105 Resp: 314116
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.288 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

Tgt Ion:119 Resp: 274162
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.6 11.3 33.9

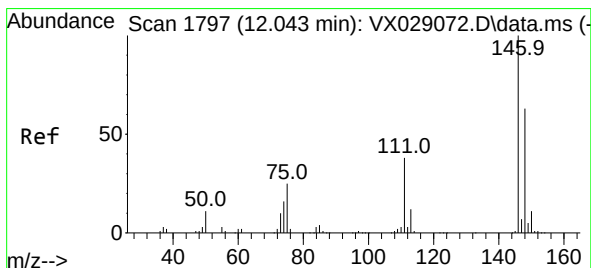
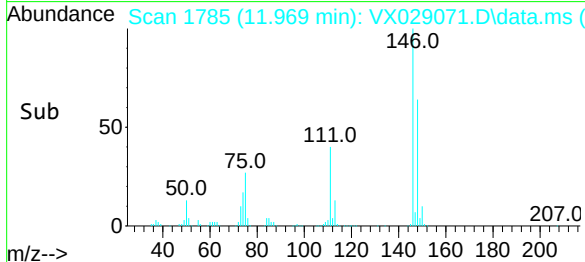
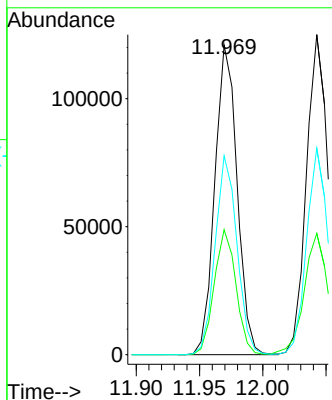
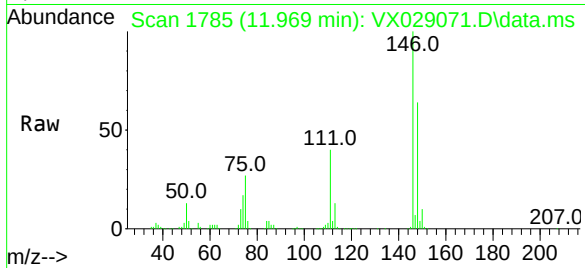




#87
 1,3-Dichlorobenzene
 Concen: 19.568 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

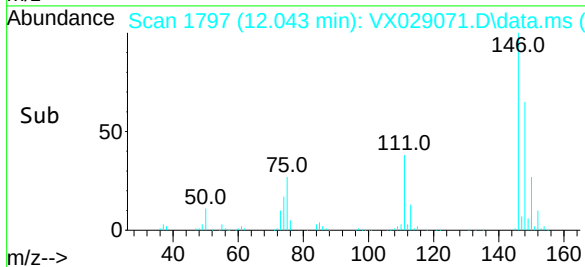
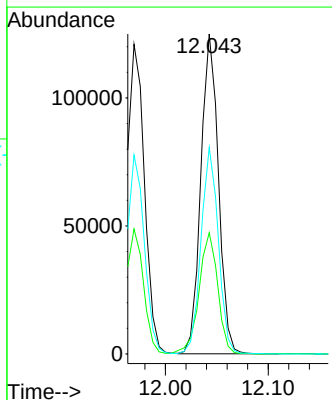
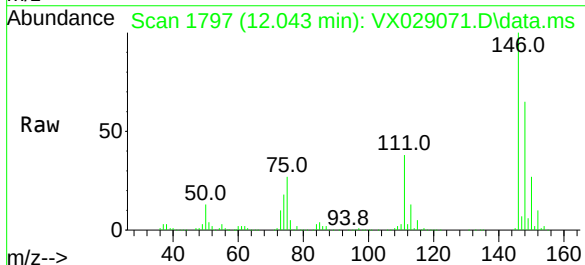
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

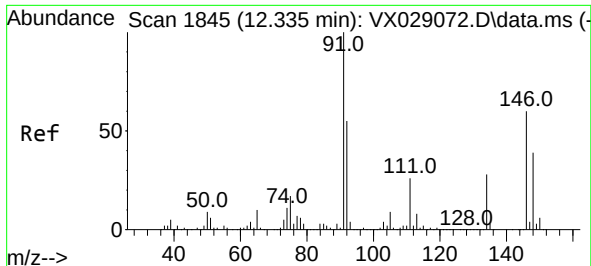
Tgt Ion:146 Resp: 148002
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.1
 148 63.0 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.418 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

Tgt Ion:146 Resp: 148678
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.2 57.6
 148 63.8 32.3 96.9

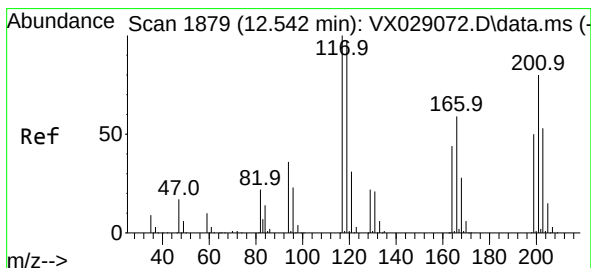
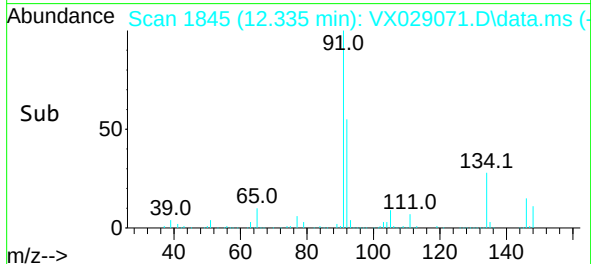
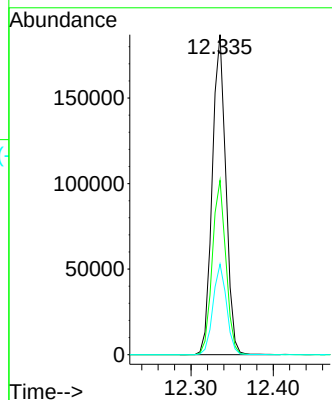
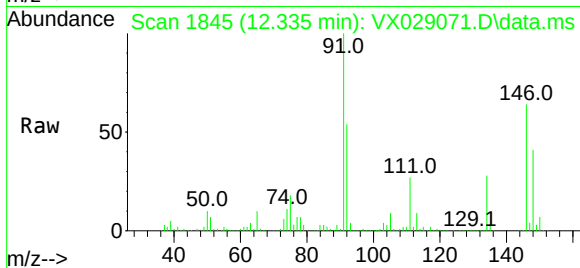




#89
n-Butylbenzene
Concen: 19.620 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

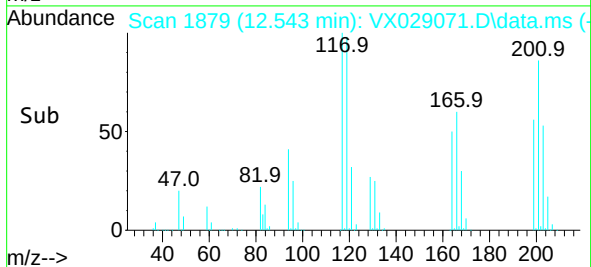
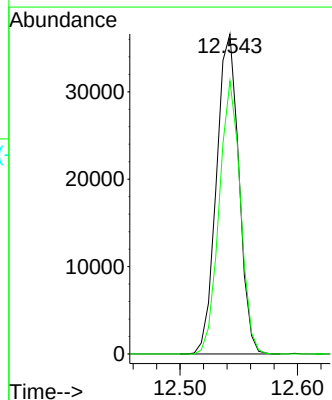
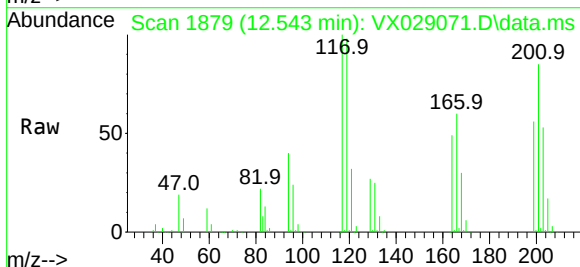
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

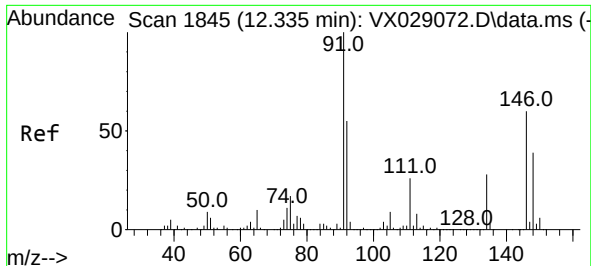
Tgt Ion: 91 Resp: 215145
Ion Ratio Lower Upper
91 100
92 54.5 27.8 83.3
134 28.1 13.3 39.8



#90
Hexachloroethane
Concen: 19.727 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 117 Resp: 48469
Ion Ratio Lower Upper
117 100
201 80.8 39.5 118.5

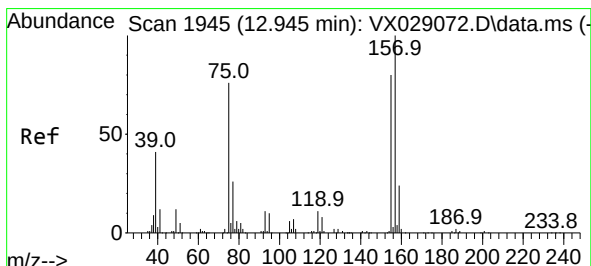
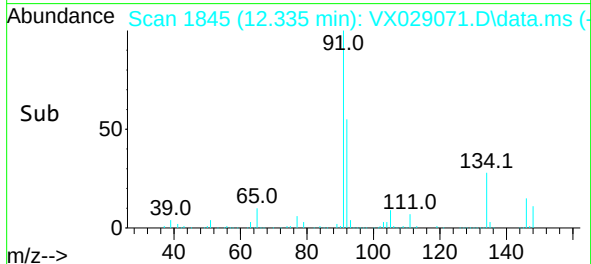
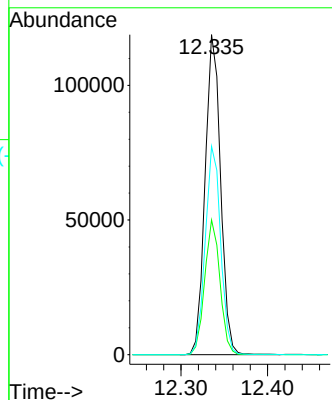
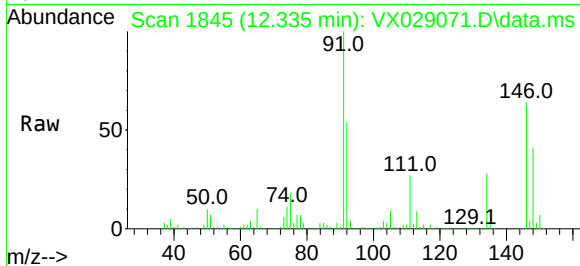




#91
 1,2-Dichlorobenzene
 Concen: 19.797 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

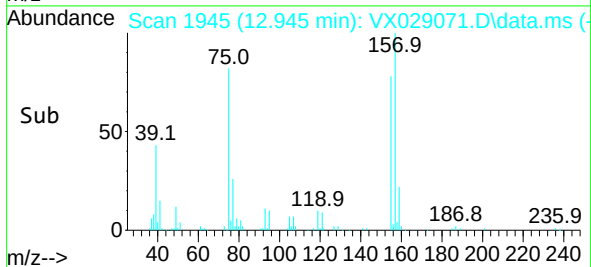
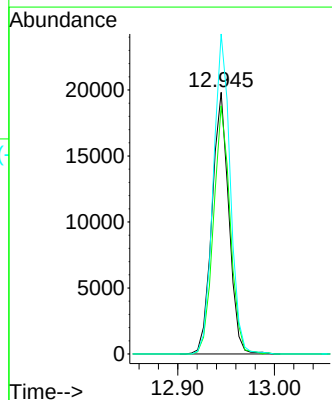
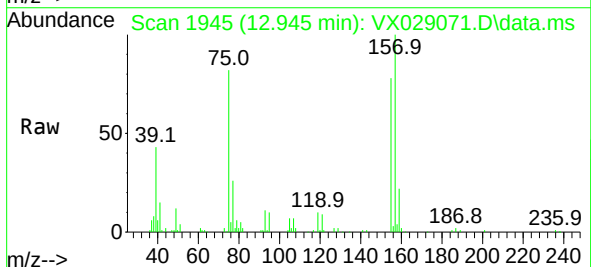
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

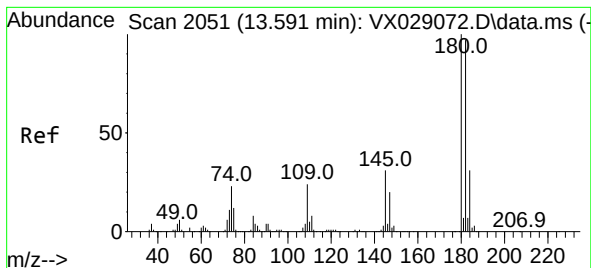
Tgt Ion:146 Resp: 147493
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.0 63.0
 148 64.7 32.6 97.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.119 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

Tgt Ion: 75 Resp: 23918
 Ion Ratio Lower Upper
 75 100
 155 94.1 47.0 141.2
 157 123.0 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 19.492 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

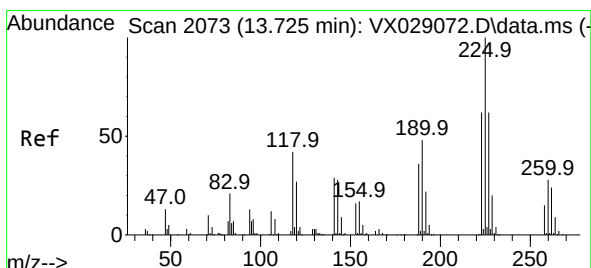
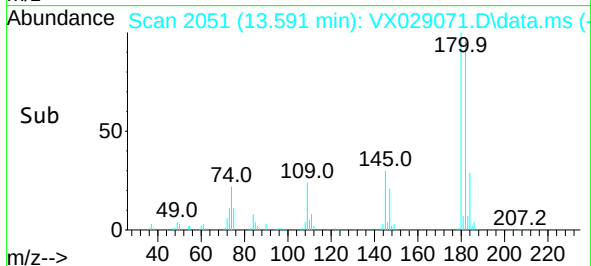
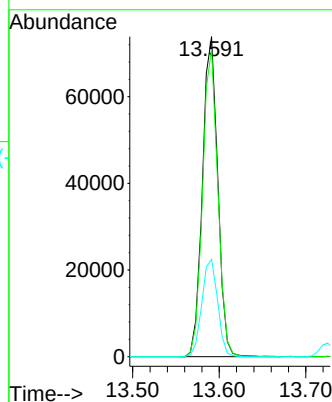
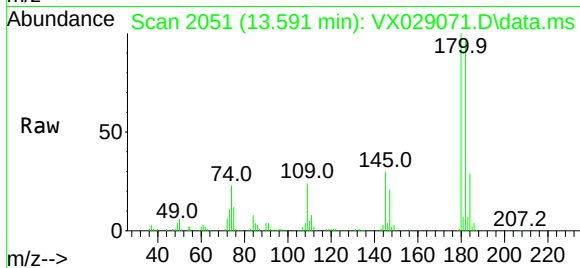
Tgt Ion:180 Resp: 90563

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

145 31.4 15.2 45.5



#94

Hexachlorobutadiene

Concen: 19.764 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

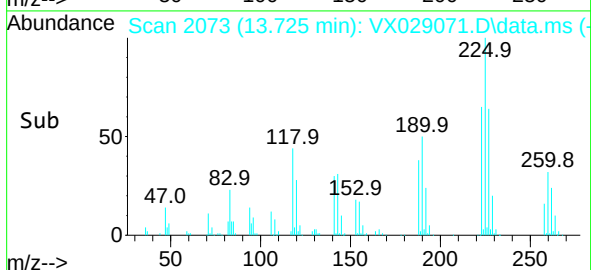
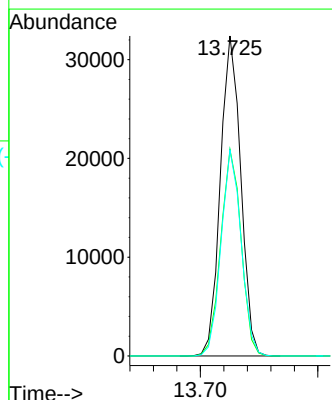
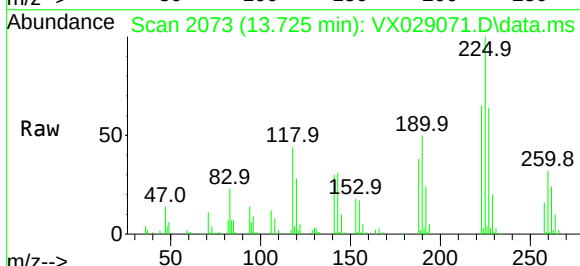
Tgt Ion:225 Resp: 39059

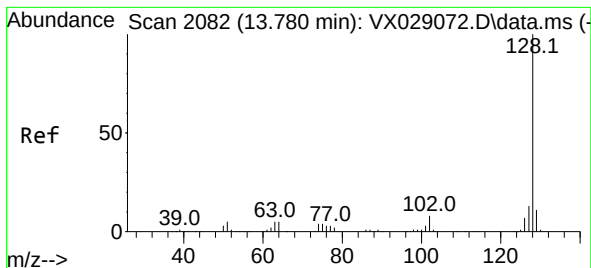
Ion Ratio Lower Upper

225 100

223 64.5 34.2 102.5

227 63.4 33.9 101.7





#95

Naphthalene

Concen: 20.625 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

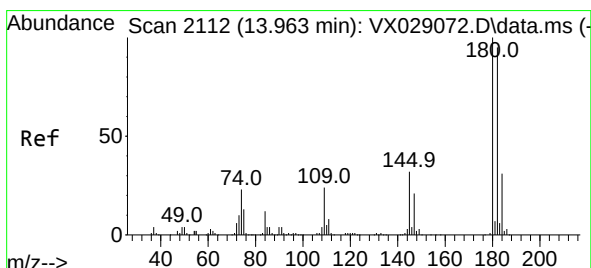
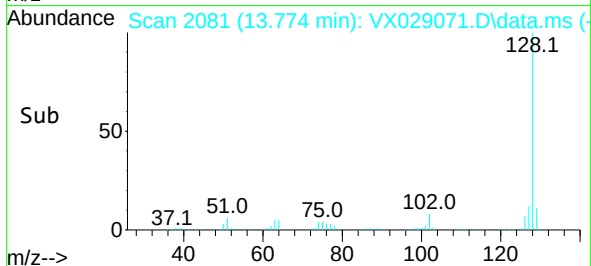
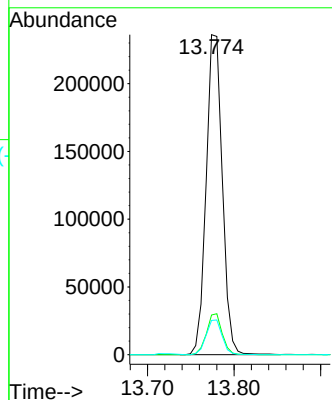
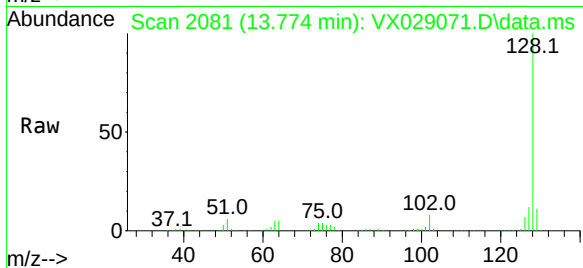
Tgt Ion:128 Resp: 306425

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.424 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Tgt Ion:180 Resp: 89119

Ion Ratio Lower Upper

180 100

182 96.9 50.0 149.8

145 33.9 16.2 48.5

