

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032969.D
 Acq On : 22 Nov 2022 09:52
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 22 11:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	122056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	16534	9.749	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	19.500%#
35) Dibromofluoromethane	5.385	113	12995	9.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	18.660%#
50) Toluene-d8	8.647	98	46803	9.669	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	19.340%#
62) 4-Bromofluorobenzene	11.079	95	16102	8.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	17.040%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	5305	3.768	ug/l	99
3) Chloromethane	1.295	50	6113	5.135	ug/l	100
4) Vinyl Chloride	1.374	62	6324	4.827	ug/l	97
5) Bromomethane	1.618	94	4737	4.524	ug/l	98
6) Chloroethane	1.691	64	5566	6.332	ug/l	97
7) Trichlorofluoromethane	1.886	101	12441	5.011	ug/l	99
8) Diethyl Ether	2.130	74	3994	4.964	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	6490	4.953	ug/l	99
10) Methyl Iodide	2.453	142	6297	4.624	ug/l	97
11) Tert butyl alcohol	2.947	59	441	1.787	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	5967	4.875	ug/l	93
13) Acrolein	2.239	56	6614	26.840	ug/l	96
14) Allyl chloride	2.666	41	9198	4.714	ug/l	95
15) Acrylonitrile	3.069	53	14858	22.179	ug/l	98
16) Acetone	2.392	43	16750	27.174	ug/l	94
17) Carbon Disulfide	2.514	76	15216	5.219	ug/l	98
18) Methyl Acetate	2.703	43	7917	3.950	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	20077	4.667	ug/l	100
20) Methylene Chloride	2.794	84	7788	5.511	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	6663	5.001	ug/l	92
22) Diisopropyl ether	3.757	45	20183	4.782	ug/l #	76
23) Vinyl Acetate	3.727	43	75250	22.068	ug/l	100
24) 1,1-Dichloroethane	3.611	63	12033	4.957	ug/l	98
25) 2-Butanone	4.574	43	21394	22.403	ug/l	98
26) 2,2-Dichloropropane	4.477	77	8945	4.635	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	7599	4.934	ug/l	98
28) Bromochloromethane	5.093	49	1018	1.177	ug/l #	9
29) Tetrahydrofuran	5.019	42	13299	21.839	ug/l	97
30) Chloroform	5.099	83	13431	5.042	ug/l	95
31) Cyclohexane	5.471	56	10526	5.119	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	11589	4.848	ug/l	97
36) 1,1-Dichloropropene	5.690	75	9468	4.884	ug/l	98
37) Ethyl Acetate	4.715	43	8143	4.035	ug/l	95
38) Carbon Tetrachloride	5.684	117	10022	4.661	ug/l	90
39) Methylcyclohexane	7.379	83	10719	4.673	ug/l	96
40) Benzene	6.038	78	26680	4.863	ug/l	99

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 ClientSampleId :
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Quant Time: Nov 22 11:26:50 2022
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 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	4542	4.418	ug/l	95
42) 1,2-Dichloroethane	6.086	62	11025	4.916	ug/l	99
43) Isopropyl Acetate	6.342	43	13196	4.259	ug/l	97
44) Trichloroethene	7.129	130	7685	4.976	ug/l	98
45) 1,2-Dichloropropane	7.434	63	6657	4.727	ug/l	99
46) Dibromomethane	7.586	93	5083	4.707	ug/l	98
47) Bromodichloromethane	7.824	83	9807	4.791	ug/l	99
48) Methyl methacrylate	7.696	41	6455	4.034	ug/l	98
49) 1,4-Dioxane	7.720	88	2730	89.524	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	41235	21.130	ug/l	100
52) Toluene	8.720	92	17729	4.953	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	8473	4.057	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	9597	4.296	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	6939	4.604	ug/l	97
56) Ethyl methacrylate	9.116	69	8777	4.046	ug/l	92
57) 1,3-Dichloropropane	9.311	76	11882	4.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	22450	21.494	ug/l	100
59) 2-Hexanone	9.433	43	30927	21.358	ug/l	100
60) Dibromochloromethane	9.519	129	7529	4.573	ug/l	95
61) 1,2-Dibromoethane	9.610	107	7306	4.574	ug/l	98
64) Tetrachloroethene	9.275	164	7192	5.587	ug/l	97
65) Chlorobenzene	10.080	112	19241	4.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	6926	4.671	ug/l	96
67) Ethyl Benzene	10.195	91	33392	4.740	ug/l	99
68) m/p-Xylenes	10.299	106	25633	9.369	ug/l	98
69) o-Xylene	10.640	106	12586	4.732	ug/l	98
70) Styrene	10.659	104	20215	4.573	ug/l	100
71) Bromoform	10.799	173	4752	4.053	ug/l #	93
73) Isopropylbenzene	10.964	105	32620	4.872	ug/l	99
74) N-amyl acetate	10.842	43	10350	4.091	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	9776	4.549	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	10023	5.332	ug/l	93
77) Bromobenzene	11.201	156	7936	4.835	ug/l	97
78) n-propylbenzene	11.305	91	37056	4.804	ug/l	99
79) 2-Chlorotoluene	11.366	91	23138	5.008	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	27517	4.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2129	3.604	ug/l #	82
82) 4-Chlorotoluene	11.457	91	26317	4.868	ug/l	98
83) tert-Butylbenzene	11.713	119	27091	4.742	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	27094	4.760	ug/l	98
85) sec-Butylbenzene	11.890	105	32384	4.711	ug/l	100
86) p-Isopropyltoluene	12.012	119	26517	4.546	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	14629	4.725	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	15370	4.785	ug/l	96
89) n-Butylbenzene	12.335	91	22610	4.456	ug/l	99
90) Hexachloroethane	12.536	117	4143	4.348	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	14689	4.811	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1771	3.758	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	8480	4.260	ug/l	96
94) Hexachlorobutadiene	13.725	225	3941	4.740	ug/l	97
95) Naphthalene	13.774	128	26333	3.970	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	8507	4.204	ug/l	96

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

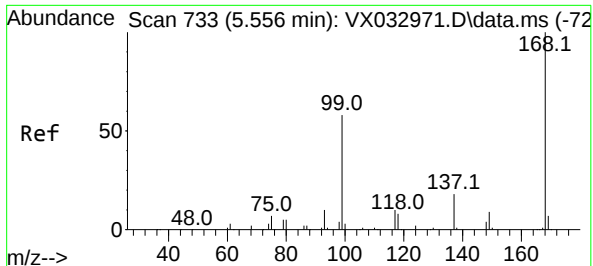
Quant Time: Nov 22 11:26:50 2022
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Quant Title : SW846 8260
QLast Update : Tue Nov 22 10:04:48 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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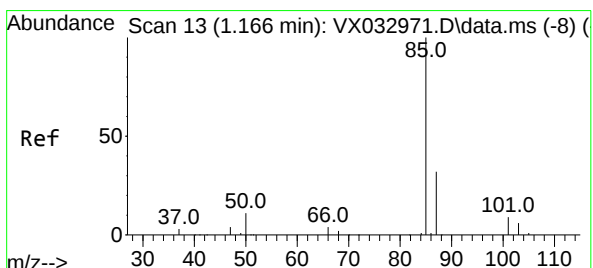
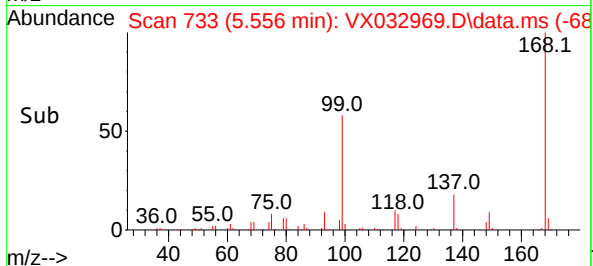
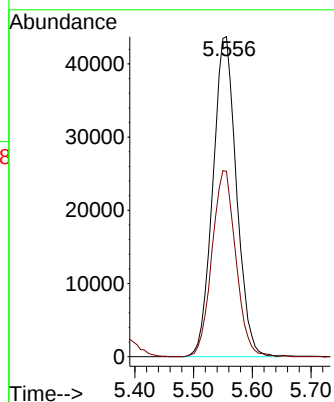
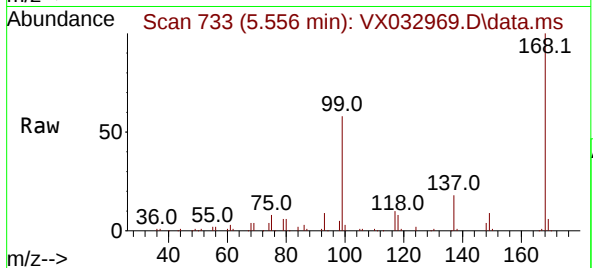




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032969.D
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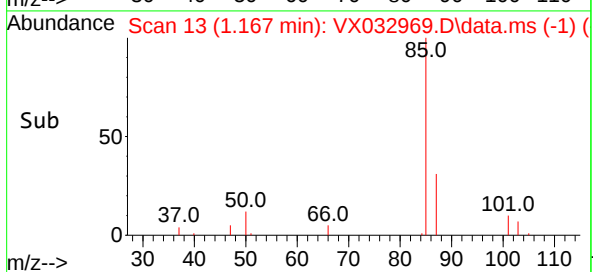
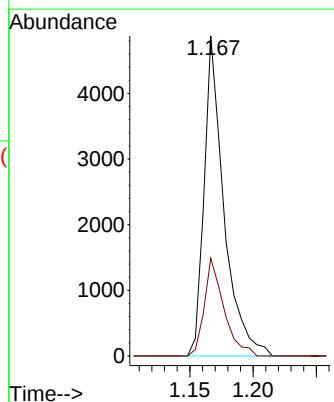
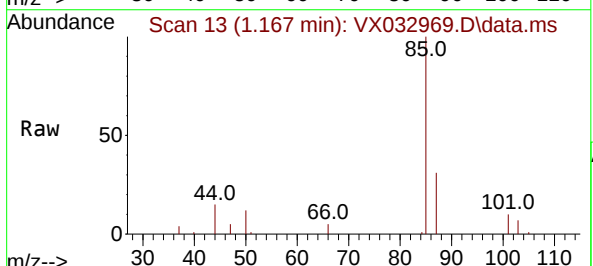
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

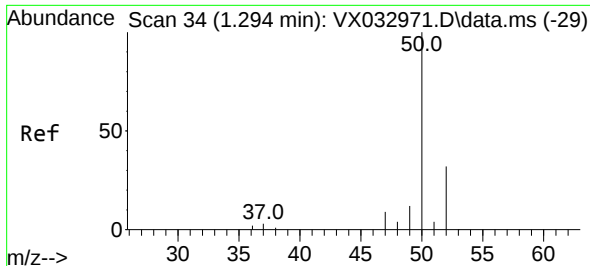
Tgt Ion:168 Resp: 122056
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 3.768 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 85 Resp: 5305
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.7

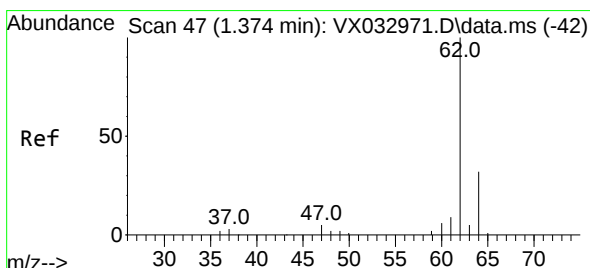
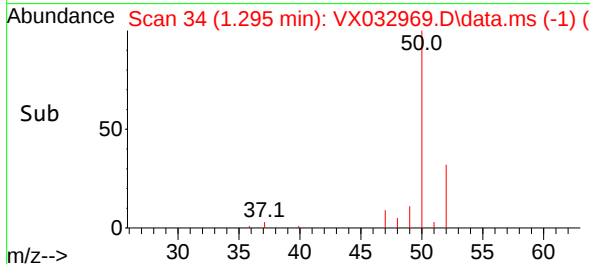
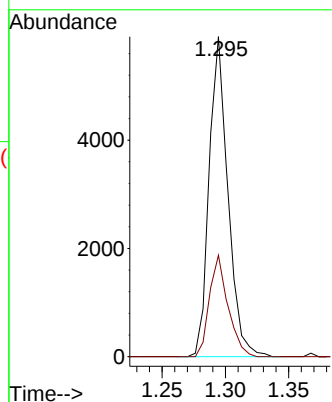
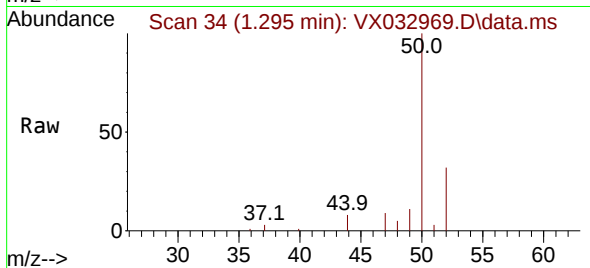




#3
Chloromethane
Concen: 5.135 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

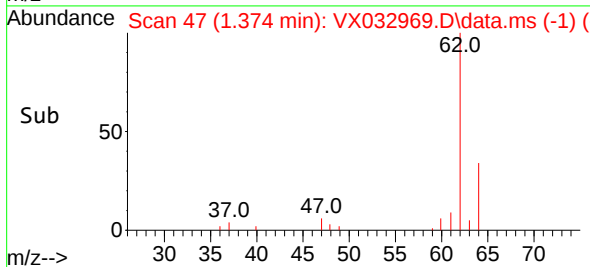
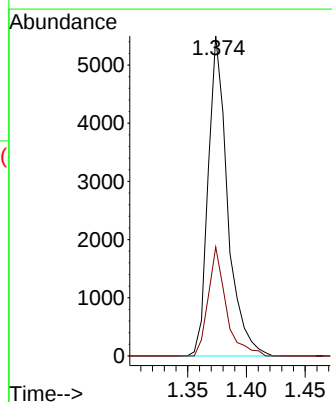
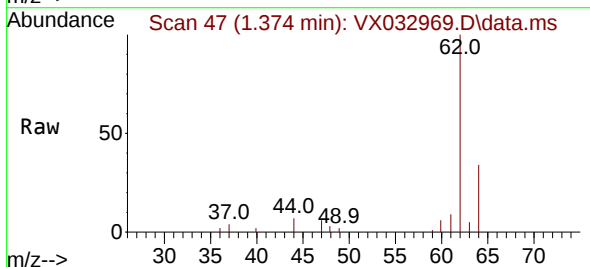
Instrument :
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ClientSampleId :
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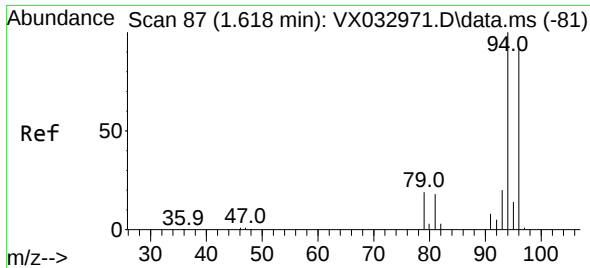
Tgt Ion: 50 Resp: 6113
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 4.827 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 62 Resp: 6324
Ion Ratio Lower Upper
62 100
64 34.1 25.8 38.6

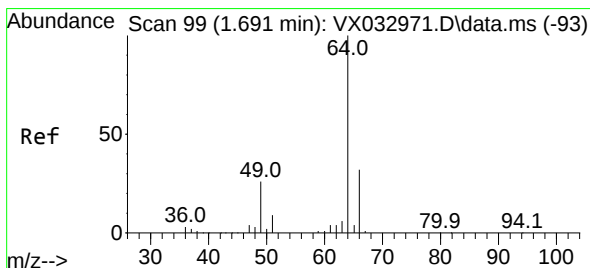
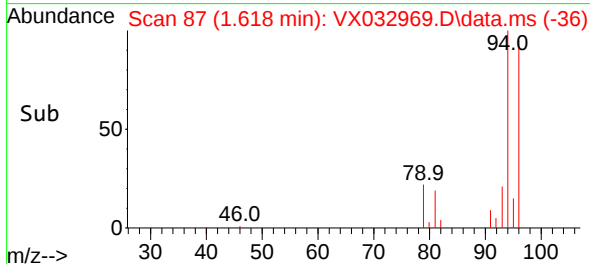
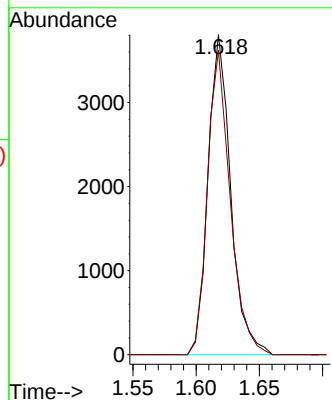
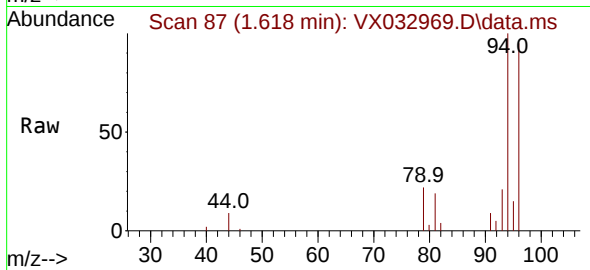




#5
Bromomethane
Concen: 4.524 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

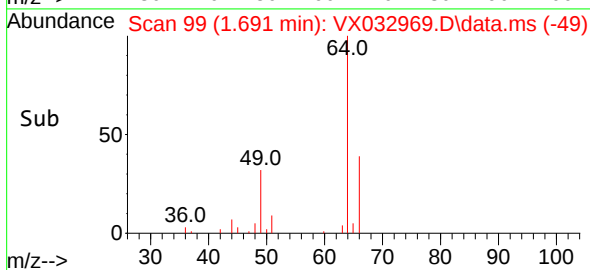
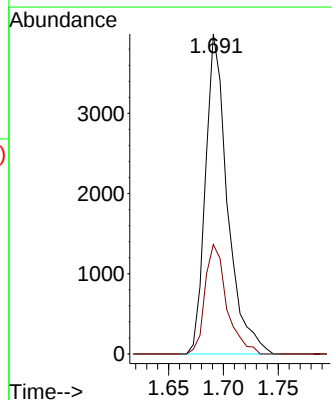
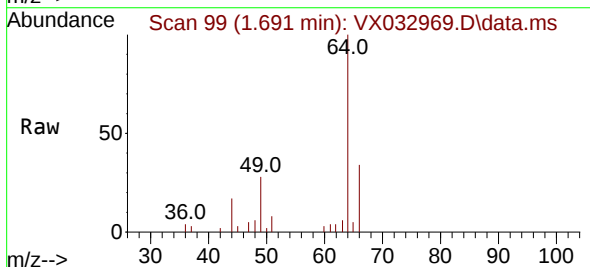
Instrument :
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ClientSampleId :
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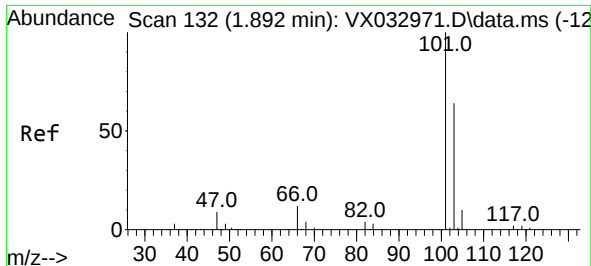
Tgt Ion: 94 Resp: 4737
Ion Ratio Lower Upper
94 100
96 95.1 77.6 116.4



#6
Chloroethane
Concen: 6.332 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 64 Resp: 5566
Ion Ratio Lower Upper
64 100
66 34.2 26.0 39.0

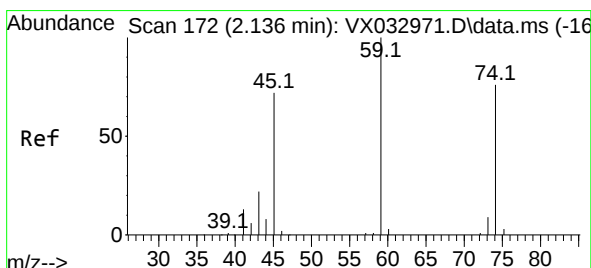
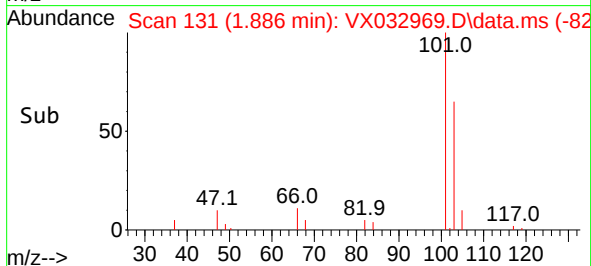
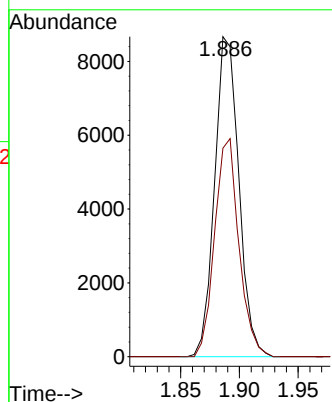
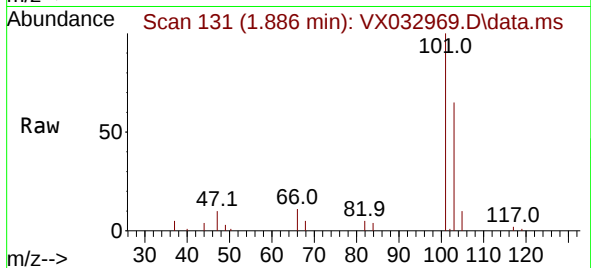




#7
Trichlorofluoromethane
Concen: 5.011 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

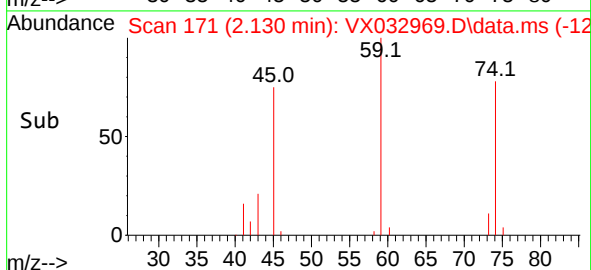
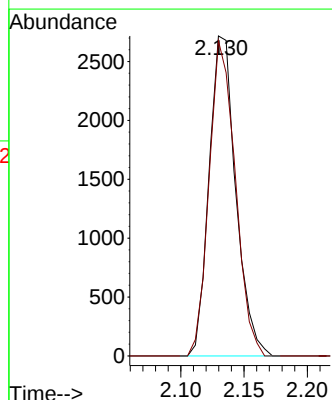
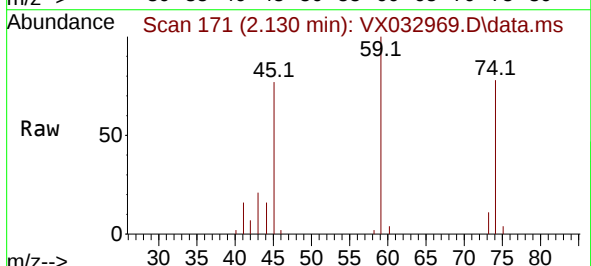
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

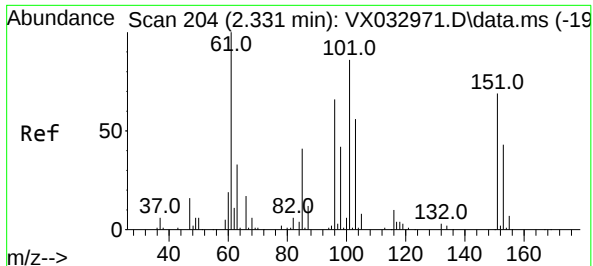
Tgt Ion:101 Resp: 12441
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2



#8
Diethyl Ether
Concen: 4.964 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 74 Resp: 3994
Ion Ratio Lower Upper
74 100
45 96.4 46.6 139.7

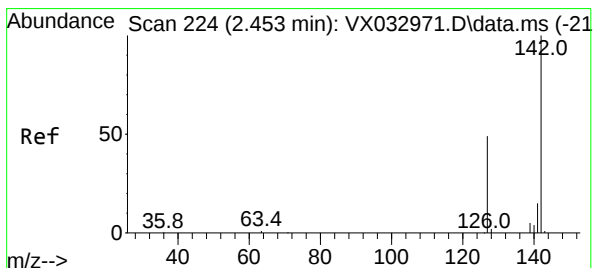
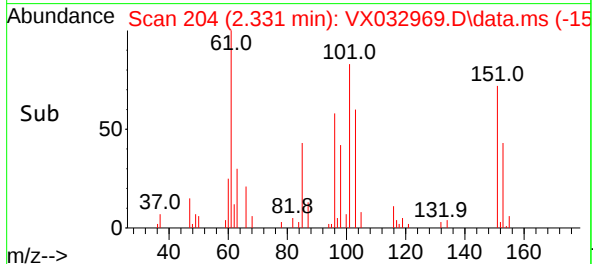
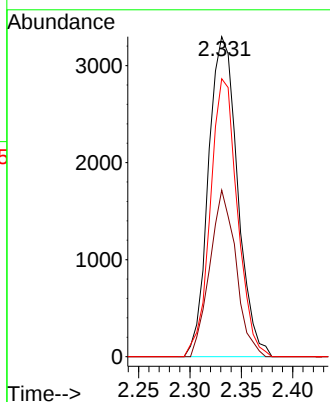
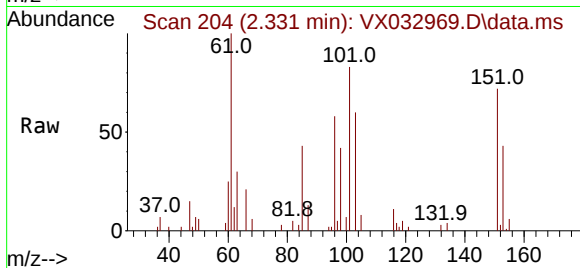




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.953 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032969.D
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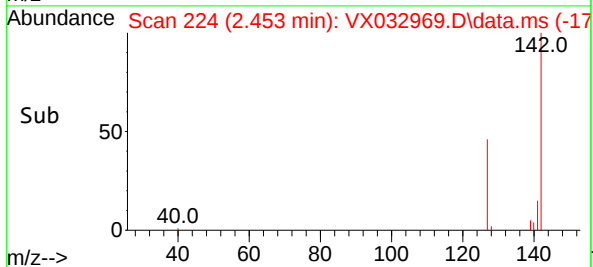
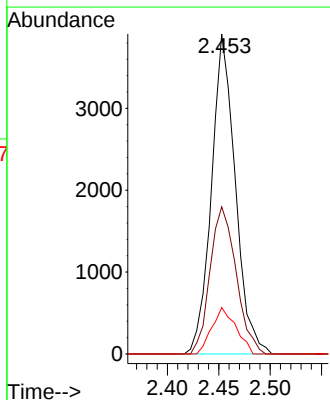
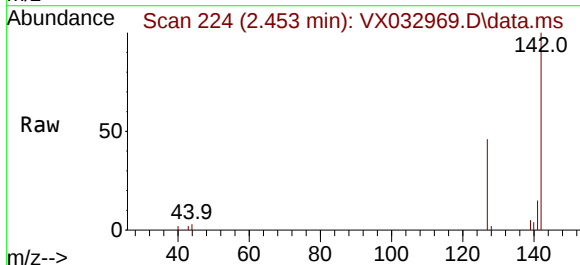
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

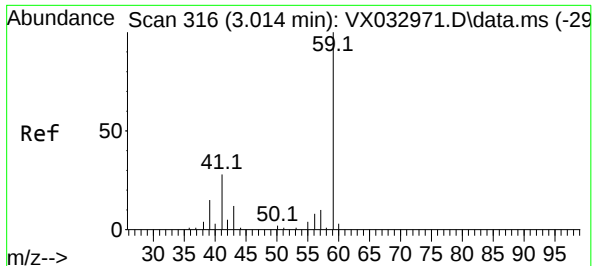
Tgt Ion:101 Resp: 6490
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.4
151 80.8 64.4 96.6



#10
Methyl Iodide
Concen: 4.624 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion:142 Resp: 6297
Ion Ratio Lower Upper
142 100
127 50.3 38.6 57.8
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 1.787 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

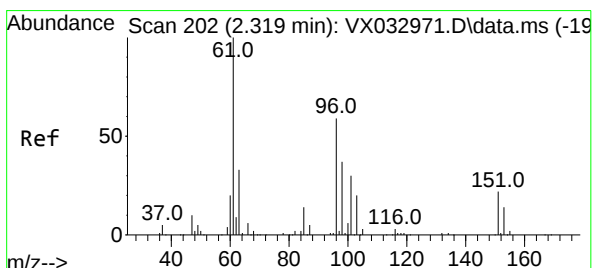
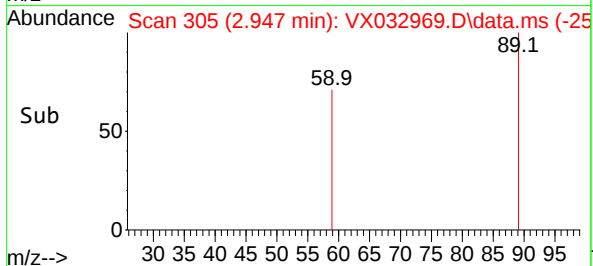
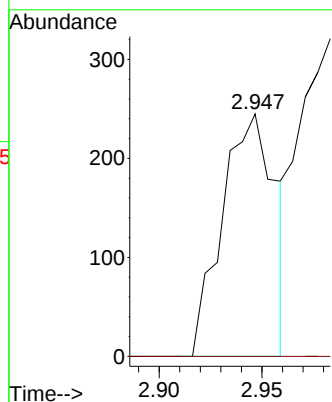
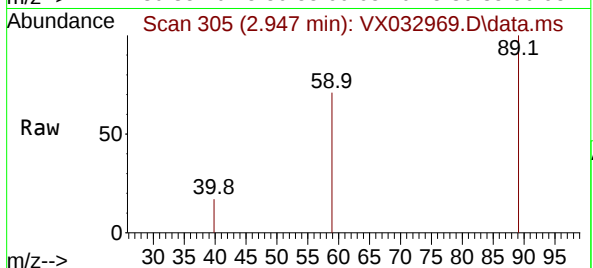
VSTDIC005

Tgt Ion: 59 Resp: 441

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 4.875 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

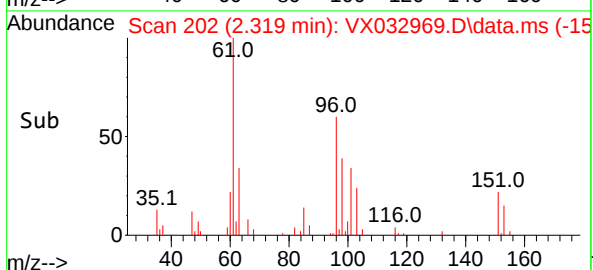
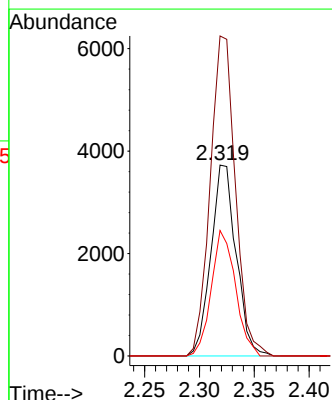
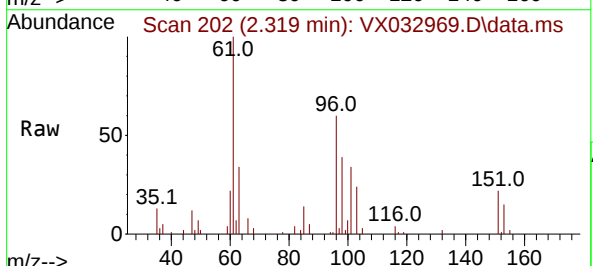
Tgt Ion: 96 Resp: 5967

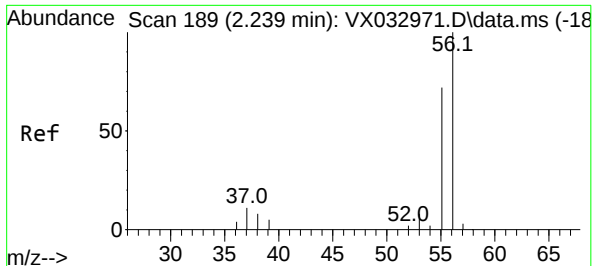
Ion Ratio Lower Upper

96 100

61 167.6 125.1 187.7

98 65.7 50.6 76.0

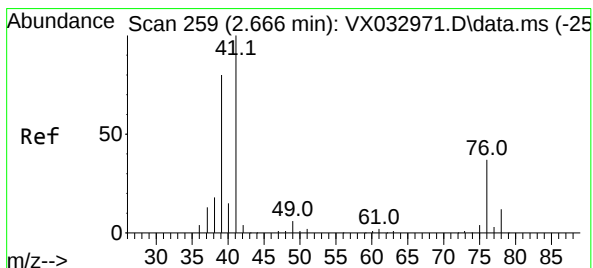
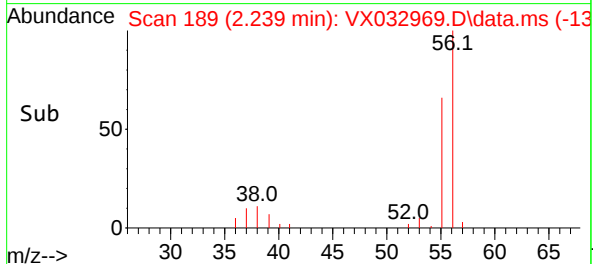
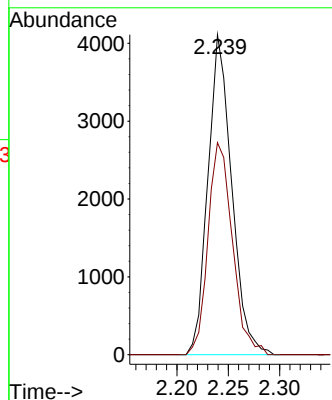
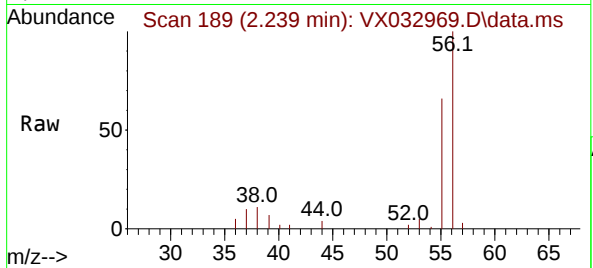




#13
Acrolein
Concen: 26.840 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

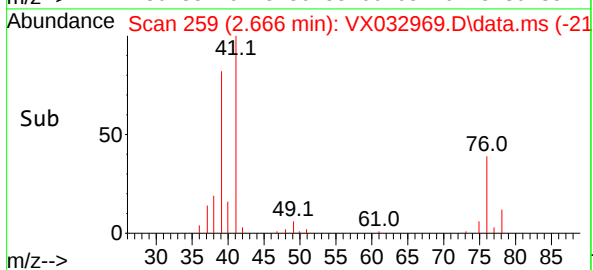
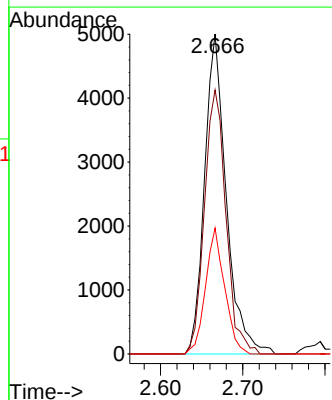
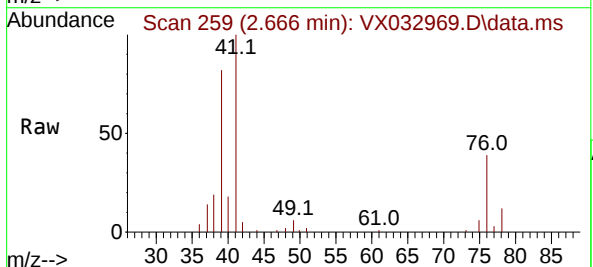
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

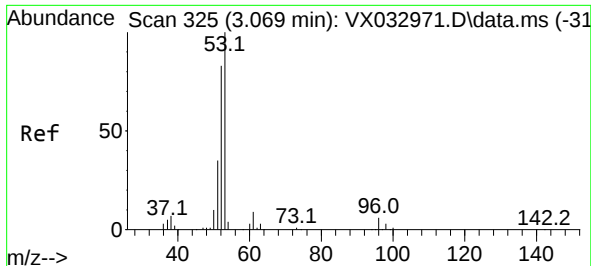
Tgt Ion: 56 Resp: 6614
Ion Ratio Lower Upper
56 100
55 68.1 56.9 85.3



#14
Allyl chloride
Concen: 4.714 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 41 Resp: 9198
Ion Ratio Lower Upper
41 100
39 81.7 61.4 92.2
76 34.6 29.2 43.8





#15

Acrylonitrile

Concen: 22.179 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

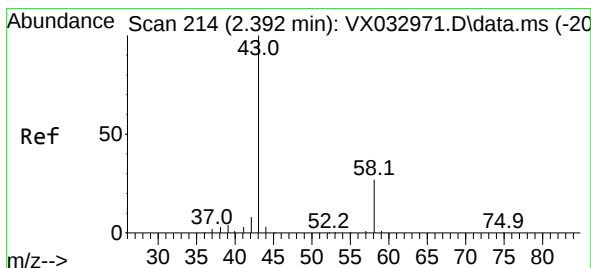
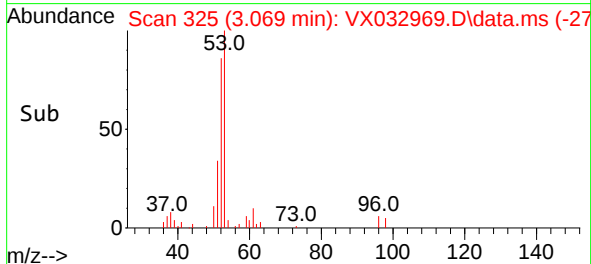
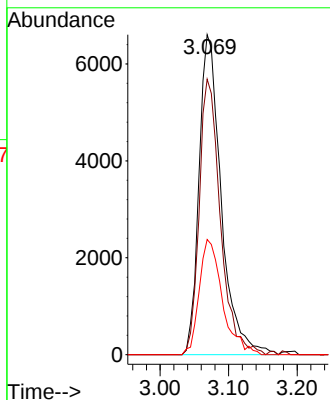
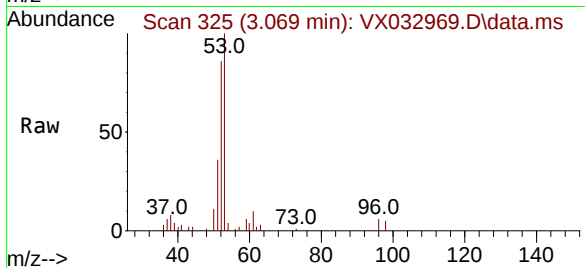
Tgt Ion: 53 Resp: 14858

Ion Ratio Lower Upper

53 100

52 82.3 67.4 101.0

51 37.8 30.3 45.5



#16

Acetone

Concen: 27.174 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032969.D

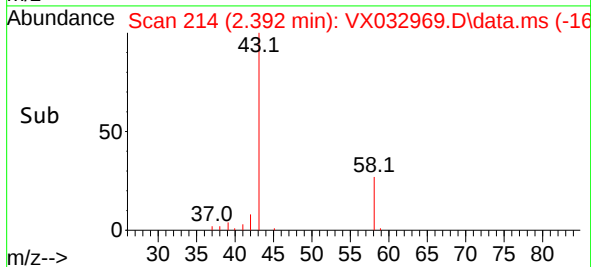
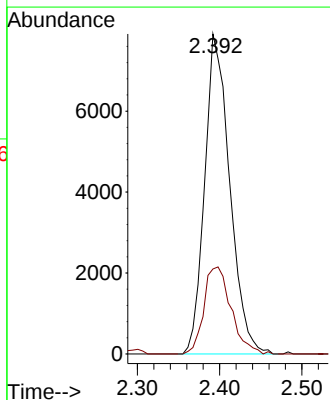
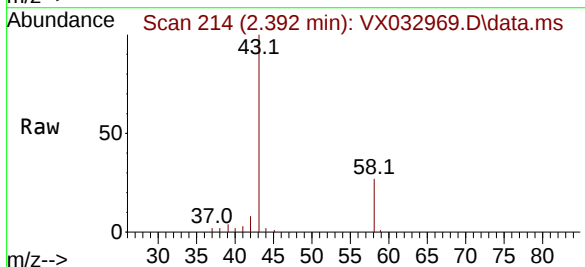
Acq: 22 Nov 2022 09:52

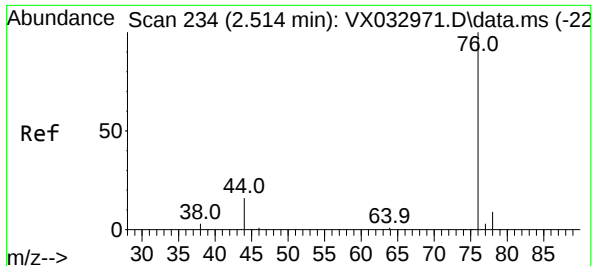
Tgt Ion: 43 Resp: 16750

Ion Ratio Lower Upper

43 100

58 26.6 23.8 35.8

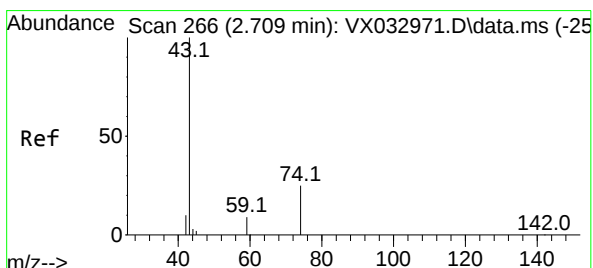
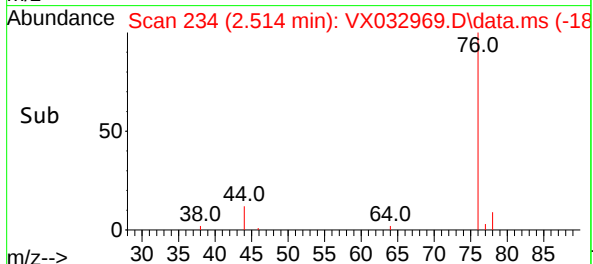
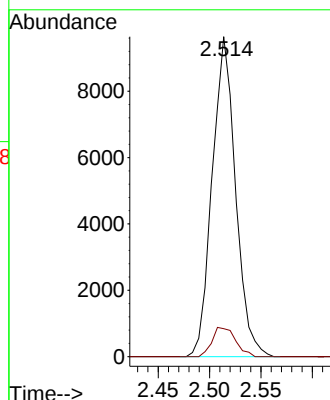
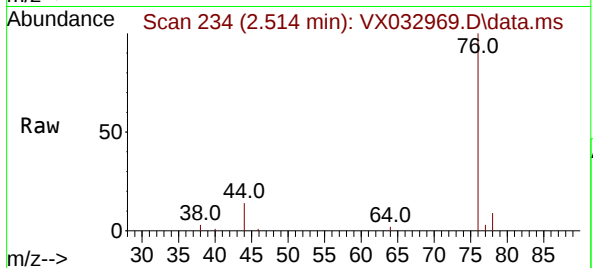




#17
Carbon Disulfide
Concen: 5.219 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

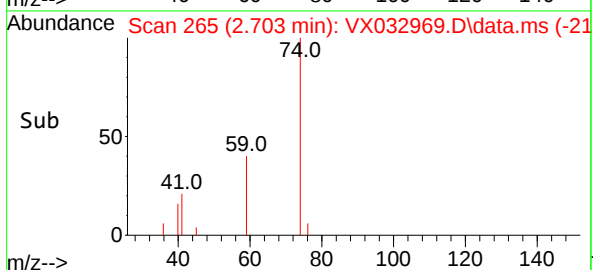
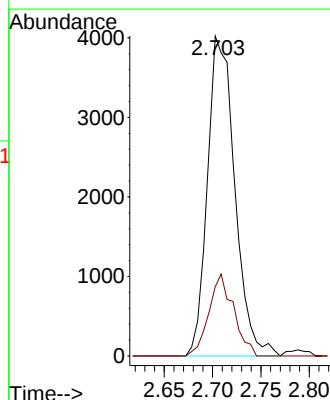
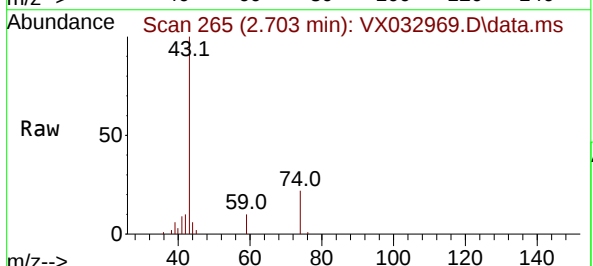
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

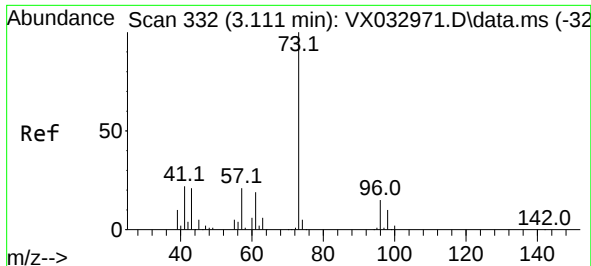
Tgt Ion: 76 Resp: 15216
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 3.950 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 43 Resp: 7917
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 4.667 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

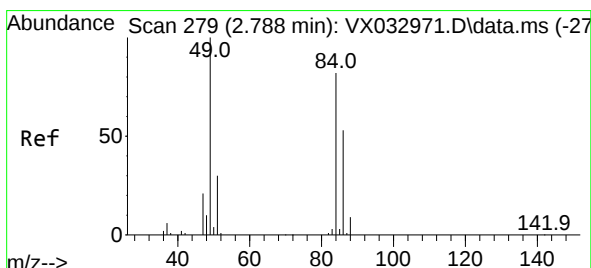
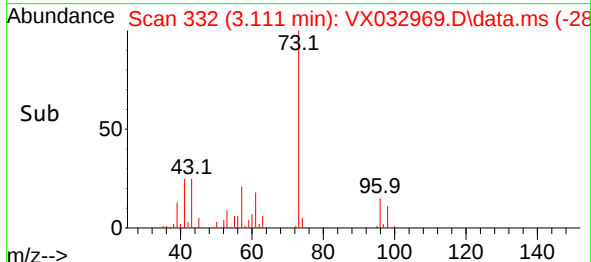
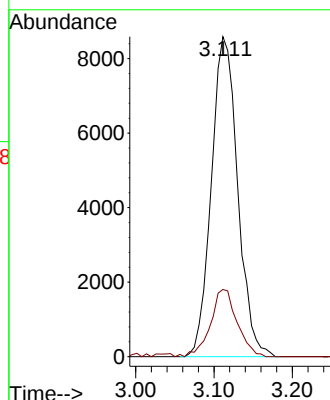
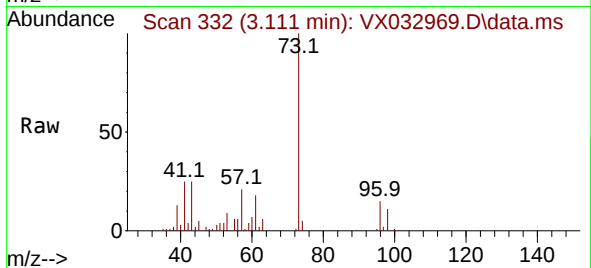
VSTDIC005

Tgt Ion: 73 Resp: 20077

Ion Ratio Lower Upper

73 100

57 21.0 16.6 25.0



#20

Methylene Chloride

Concen: 5.511 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Tgt Ion: 84 Resp: 7788

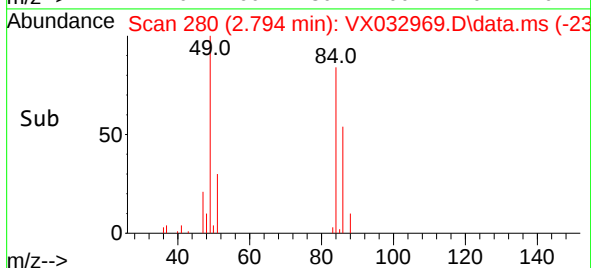
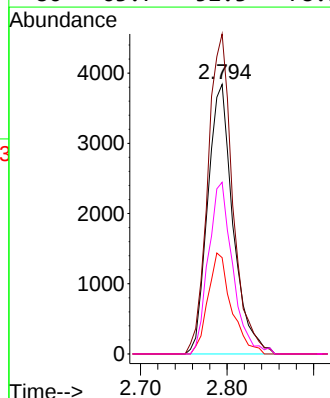
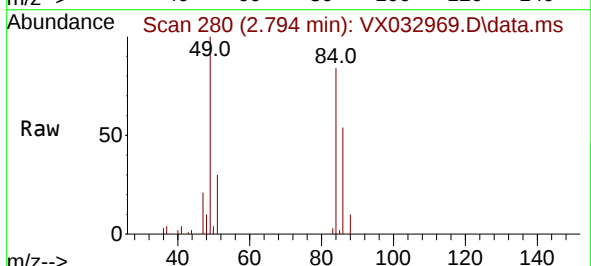
Ion Ratio Lower Upper

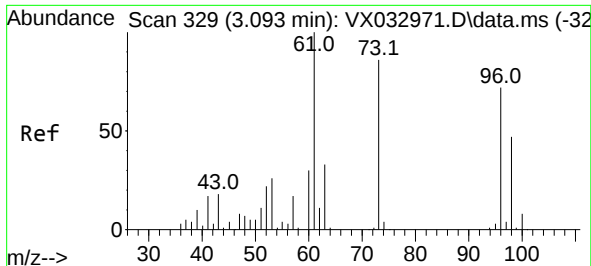
84 100

49 118.7 101.0 151.6

51 35.7 31.1 46.7

86 63.7 52.3 78.5

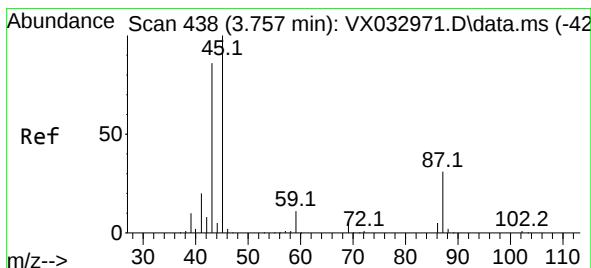
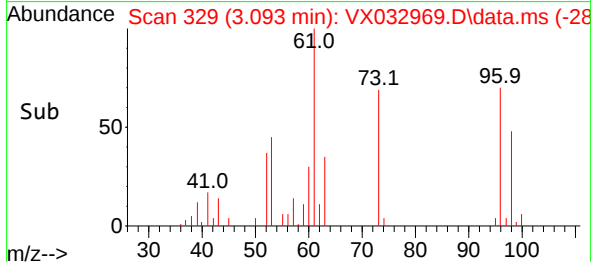
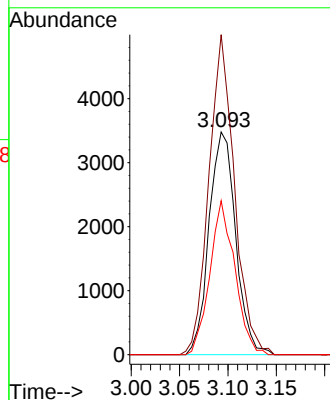
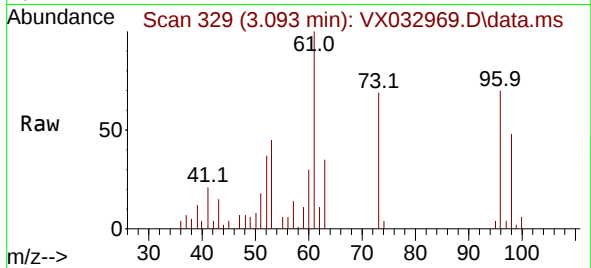




#21
trans-1,2-Dichloroethene
Concen: 5.001 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

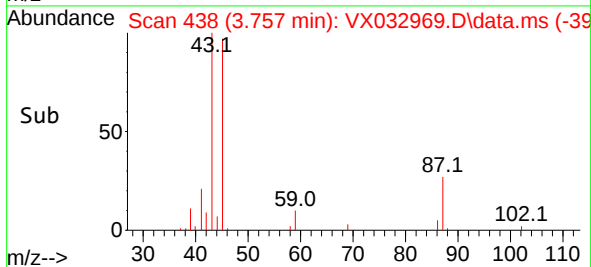
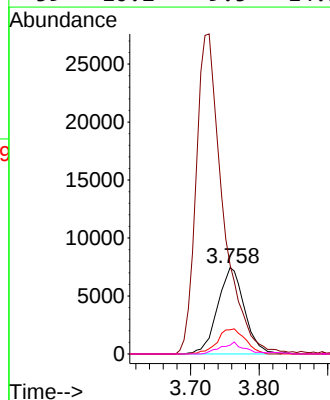
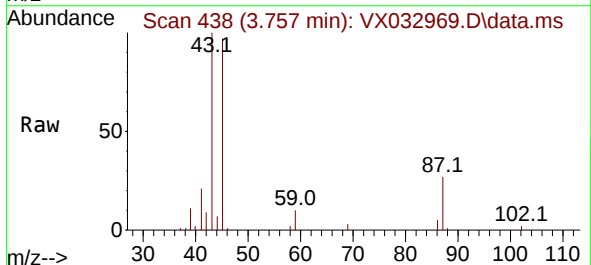
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

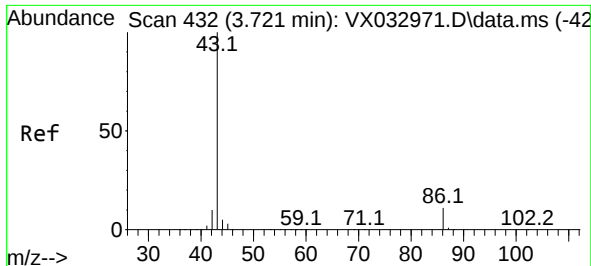
Tgt Ion: 96 Resp: 6663
Ion Ratio Lower Upper
96 100
61 143.6 106.6 160.0
98 69.1 51.0 76.6



#22
Diisopropyl ether
Concen: 4.782 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 45 Resp: 20183
Ion Ratio Lower Upper
45 100
43 100.0 56.4 84.6#
87 27.9 24.4 36.6
59 10.2 9.5 14.3

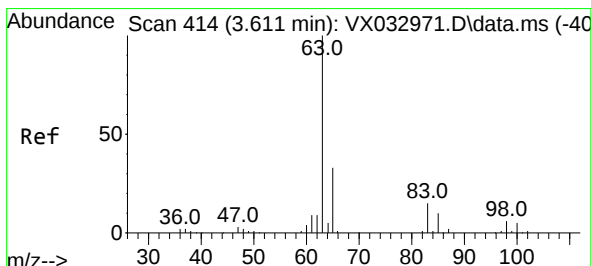
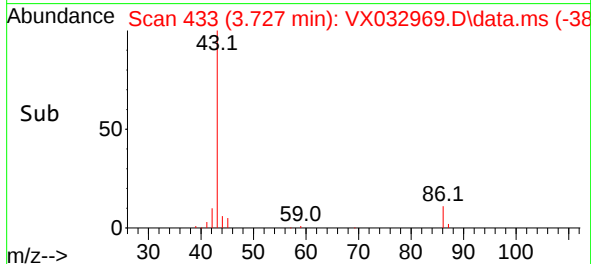
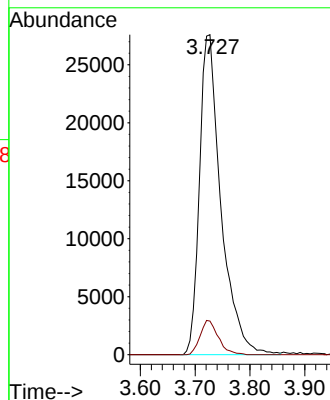
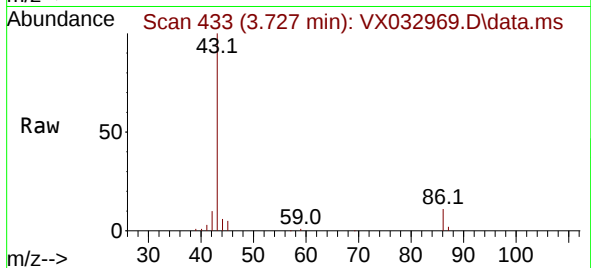




#23
 Vinyl Acetate
 Concen: 22.068 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

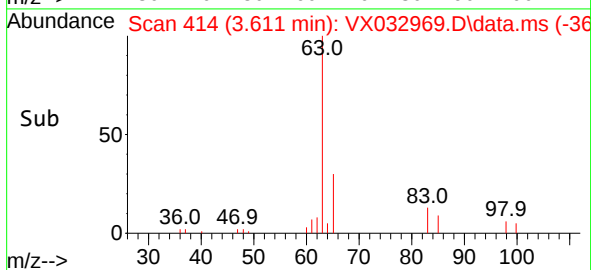
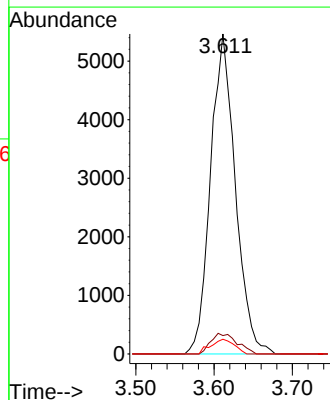
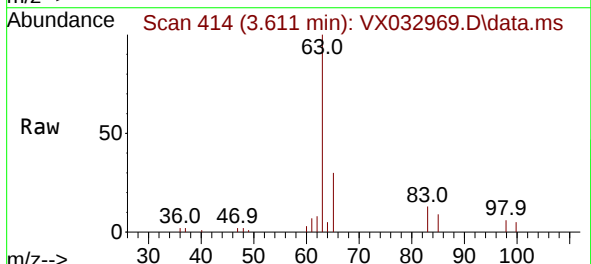
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

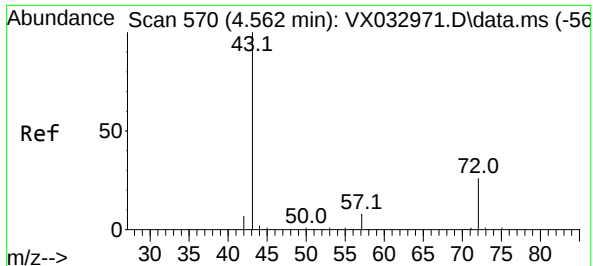
Tgt Ion: 43 Resp: 75250
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 4.957 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

Tgt Ion: 63 Resp: 12033
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.4
 100 4.6 2.3 6.8

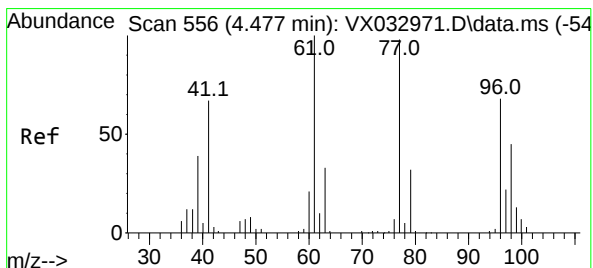
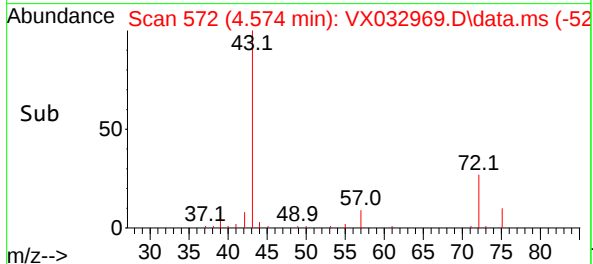
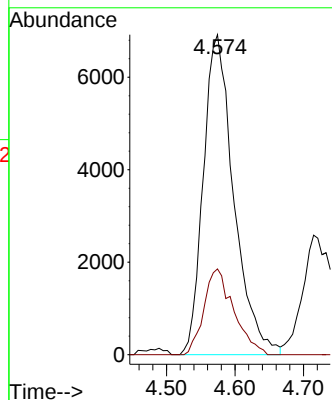
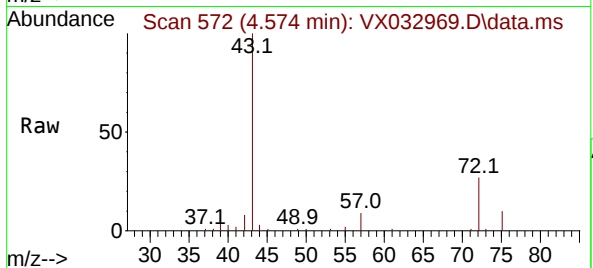




#25
2-Butanone
Concen: 22.403 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

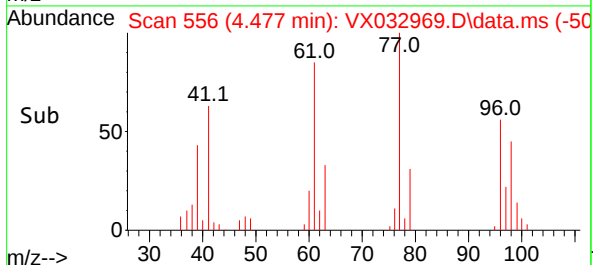
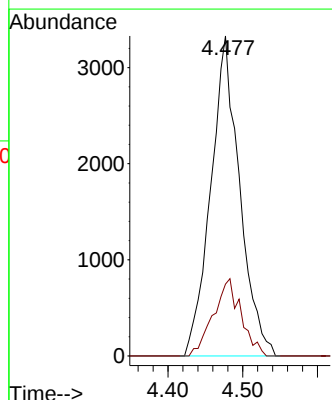
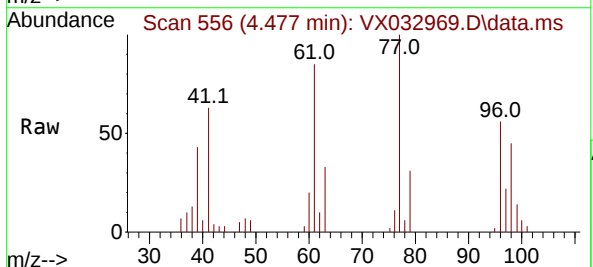
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

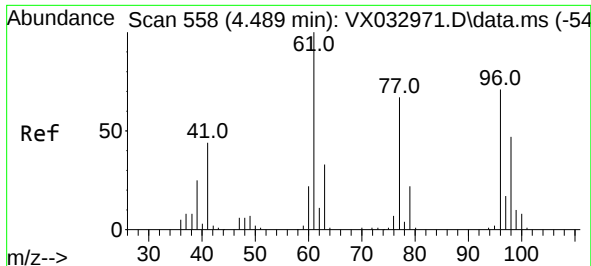
Tgt Ion: 43 Resp: 21394
Ion Ratio Lower Upper
43 100
72 26.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 4.635 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 77 Resp: 8945
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.934 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

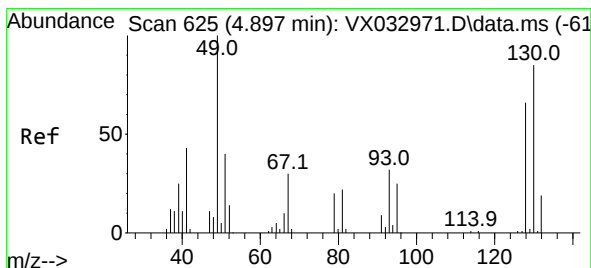
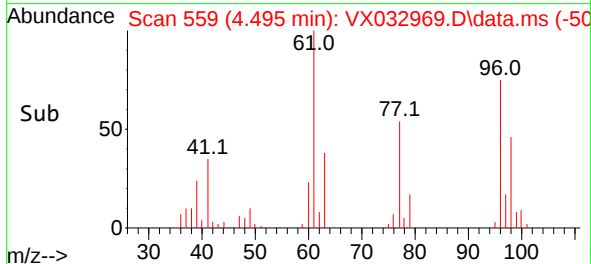
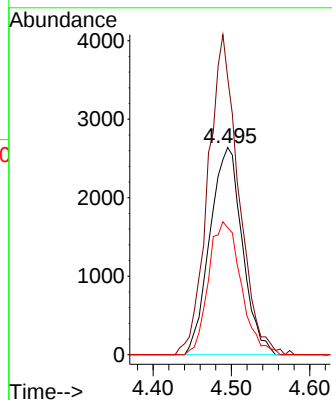
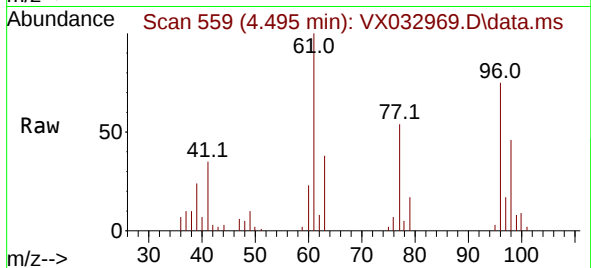
Tgt Ion: 96 Resp: 7599

Ion Ratio Lower Upper

96 100

61 145.7 0.0 286.0

98 64.3 0.0 129.6



#28

Bromochloromethane

Concen: 1.177 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.189 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

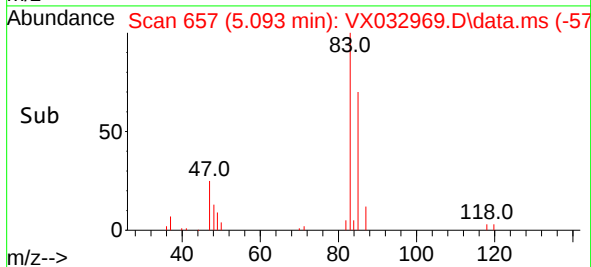
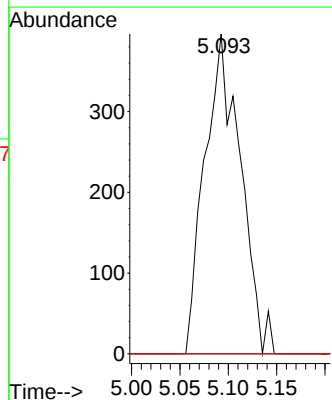
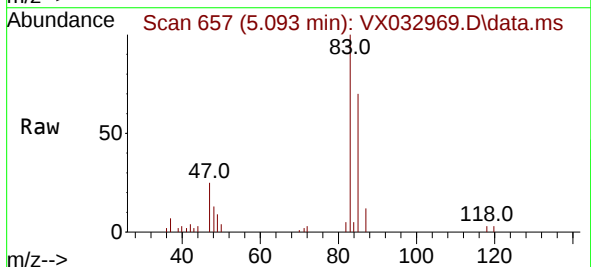
Tgt Ion: 49 Resp: 1018

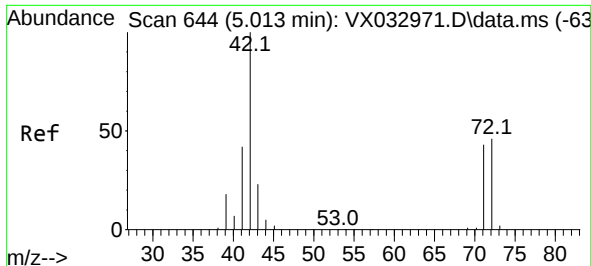
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 67.5 101.3#





#29

Tetrahydrofuran

Concen: 21.839 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

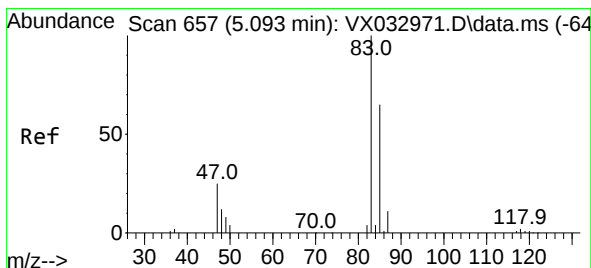
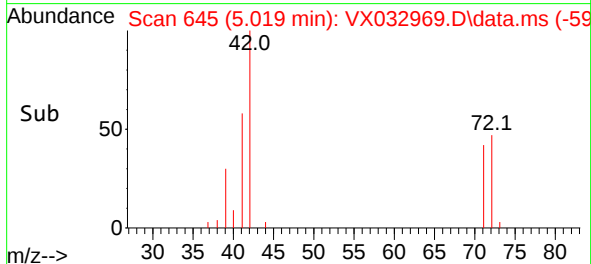
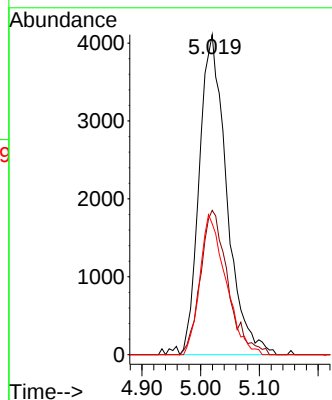
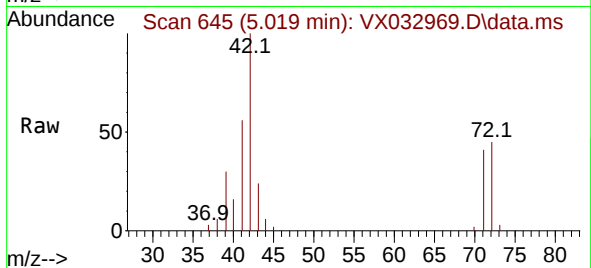
Tgt Ion: 42 Resp: 13299

Ion Ratio Lower Upper

42 100

72 45.2 37.6 56.4

71 41.5 34.7 52.1



#30

Chloroform

Concen: 5.042 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX032969.D

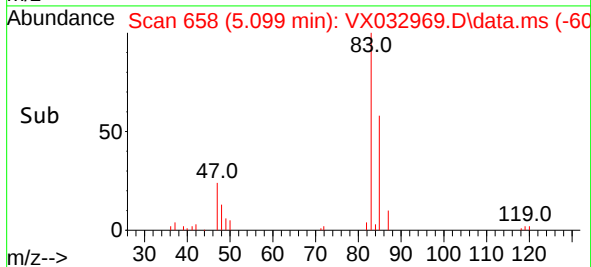
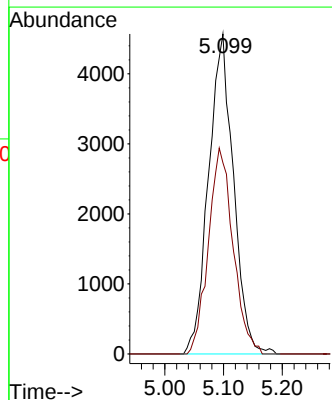
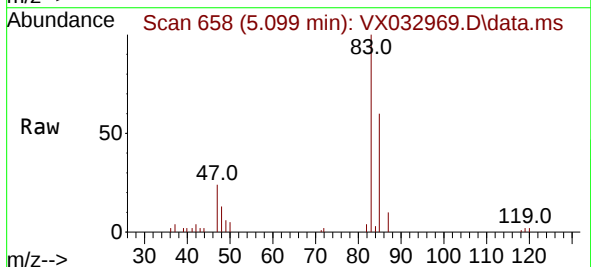
Acq: 22 Nov 2022 09:52

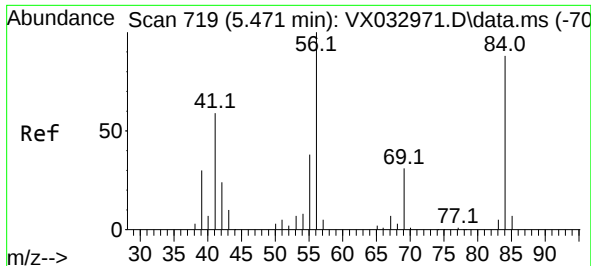
Tgt Ion: 83 Resp: 13431

Ion Ratio Lower Upper

83 100

85 59.7 51.1 76.7

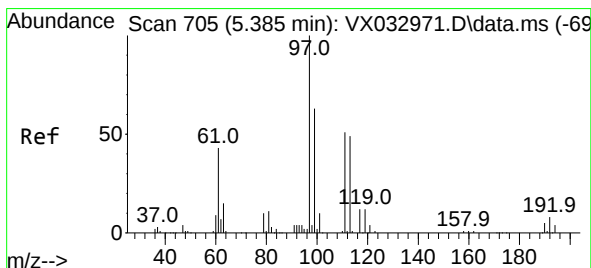
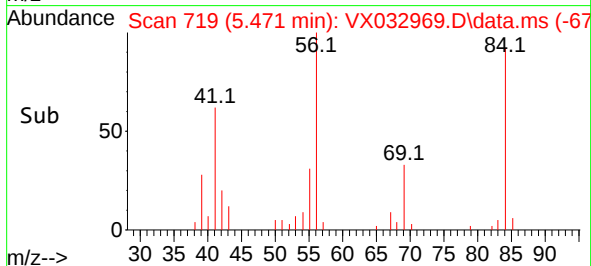
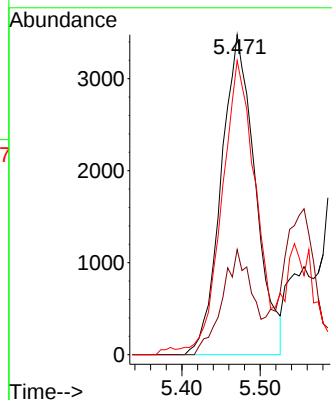
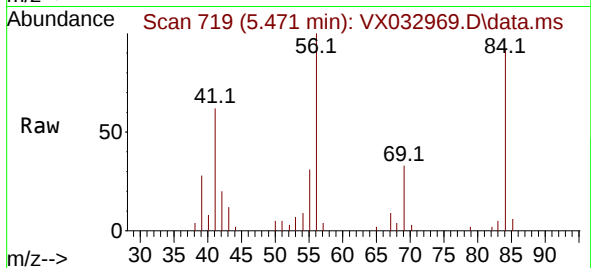




#31
Cyclohexane
Concen: 5.119 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

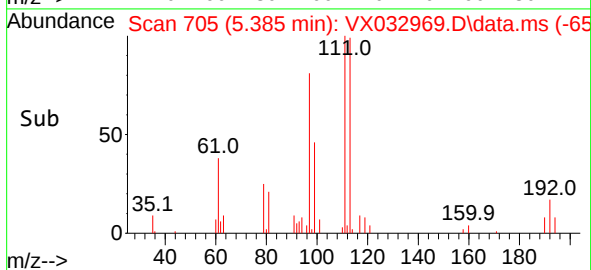
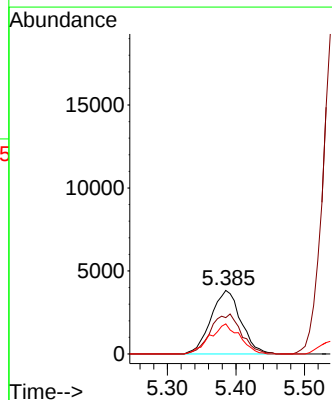
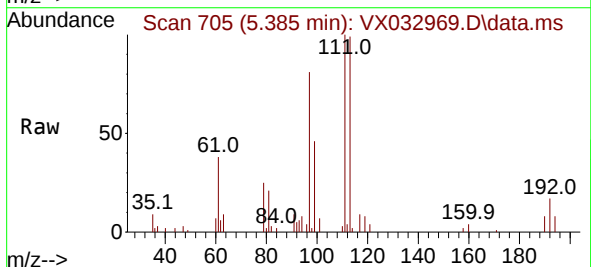
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

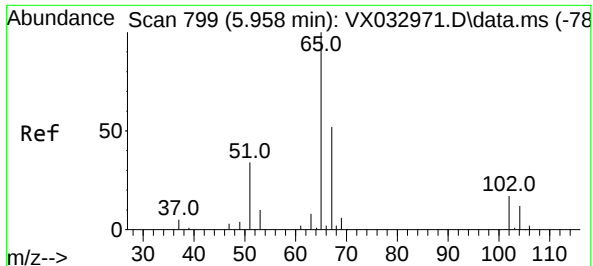
Tgt Ion: 56 Resp: 10526
Ion Ratio Lower Upper
56 100
69 32.9 24.1 36.1
84 90.1 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 4.848 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 97 Resp: 11589
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 47.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 9.749 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

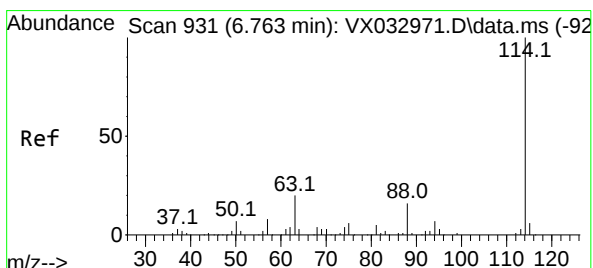
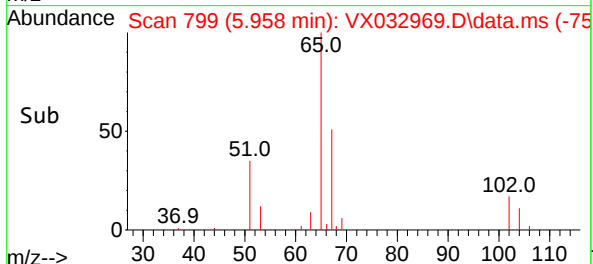
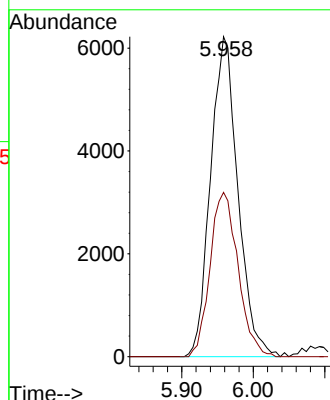
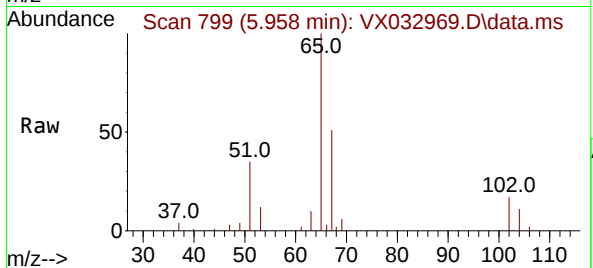
VSTDIC005

Tgt Ion: 65 Resp: 16534

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

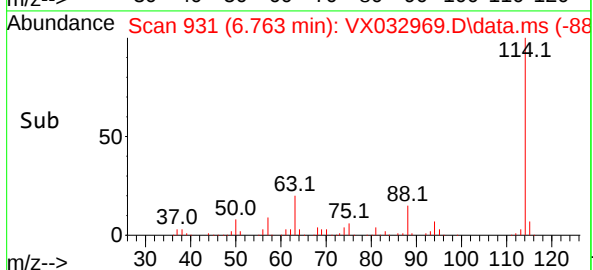
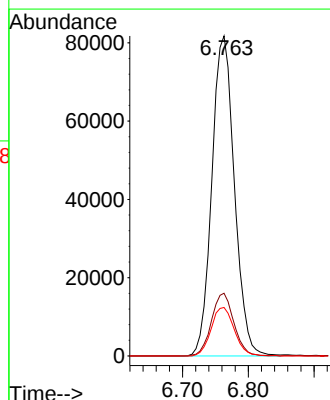
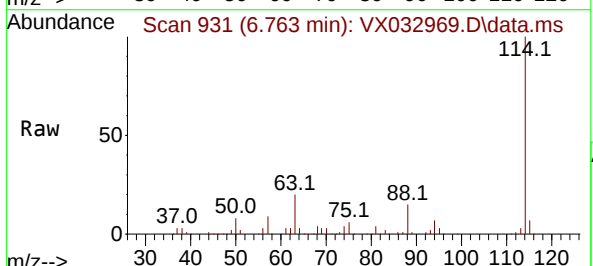
Tgt Ion: 114 Resp: 195162

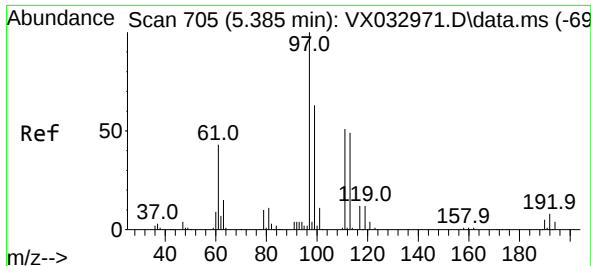
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.1 0.0 33.4

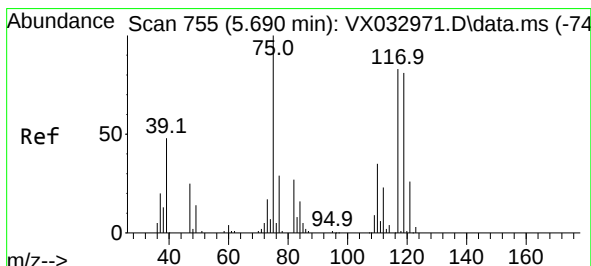
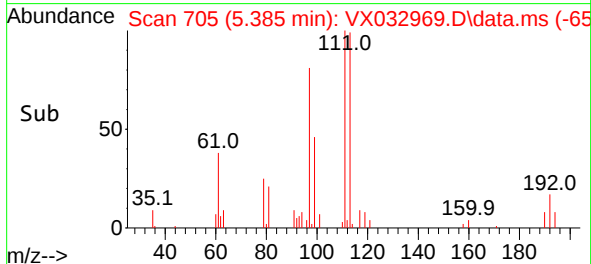
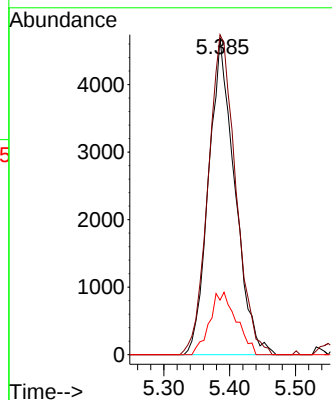
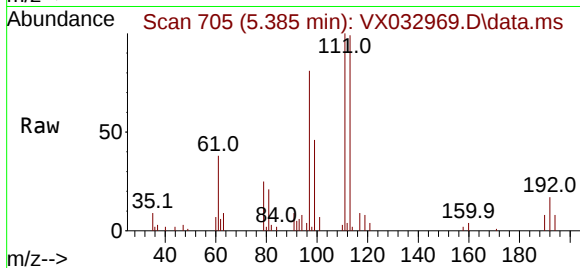




#35
Dibromofluoromethane
Concen: 9.335 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

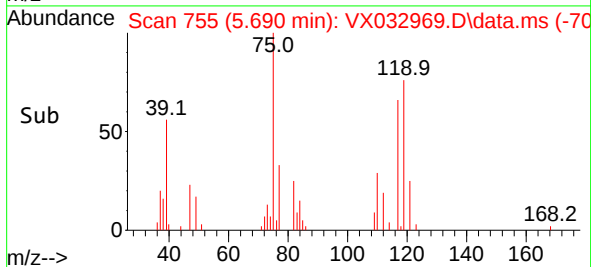
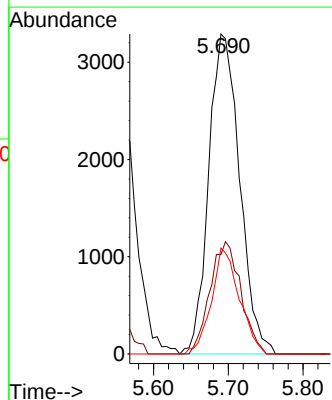
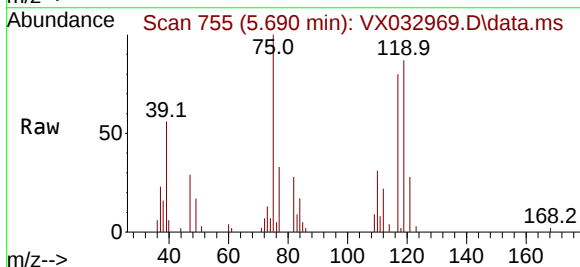
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

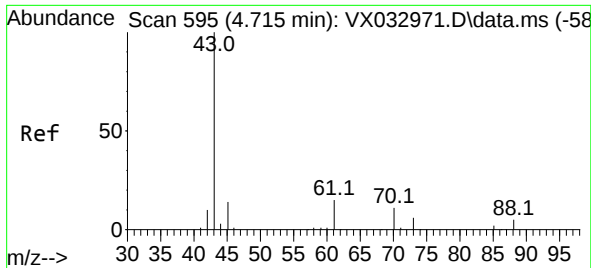
Tgt Ion:113 Resp: 12995
Ion Ratio Lower Upper
113 100
111 106.7 82.4 123.6
192 20.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 75 Resp: 9468
Ion Ratio Lower Upper
75 100
110 34.8 18.4 55.2
77 29.8 24.5 36.7





#37

Ethyl Acetate

Concen: 4.035 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

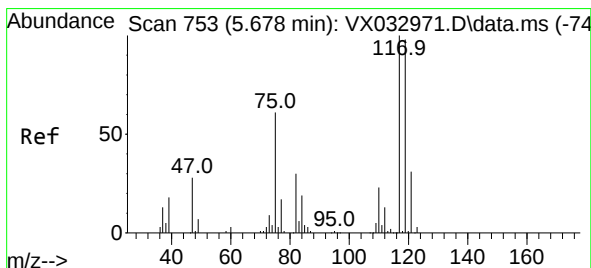
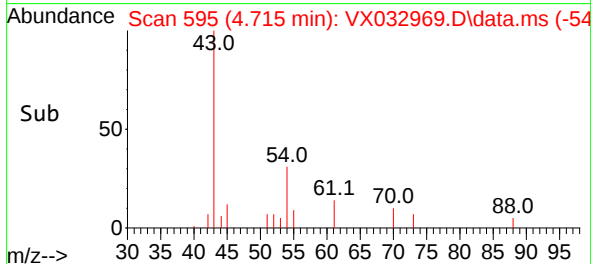
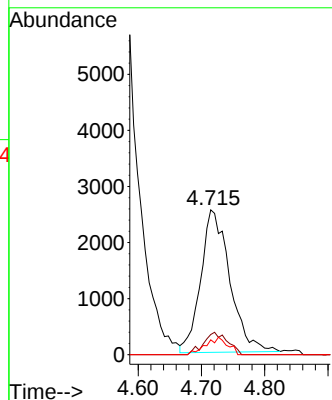
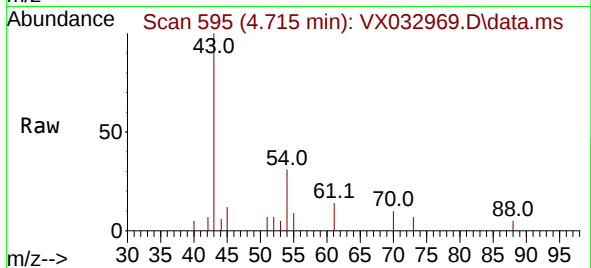
Tgt Ion: 43 Resp: 8143

Ion Ratio Lower Upper

43 100

61 12.9 11.5 17.3

70 9.1 9.1 13.7



#38

Carbon Tetrachloride

Concen: 4.661 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

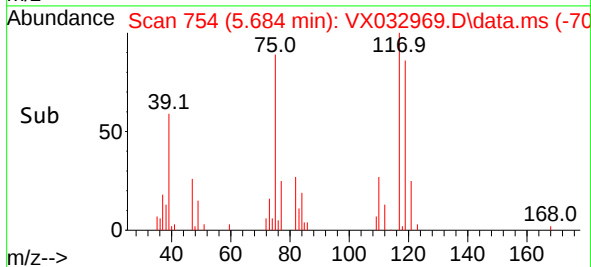
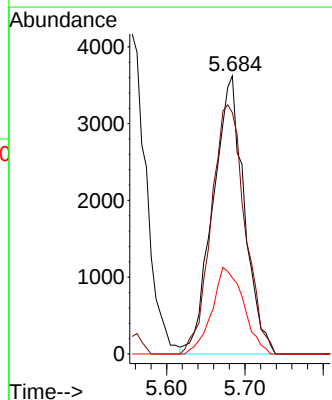
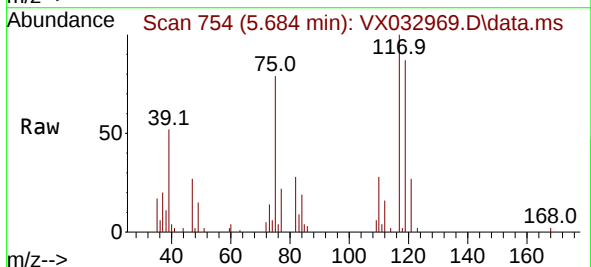
Tgt Ion: 117 Resp: 10022

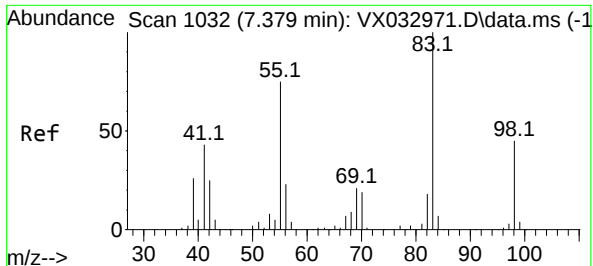
Ion Ratio Lower Upper

117 100

119 86.8 77.2 115.8

121 27.3 25.8 38.6





#39

Methylcyclohexane

Concen: 4.673 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

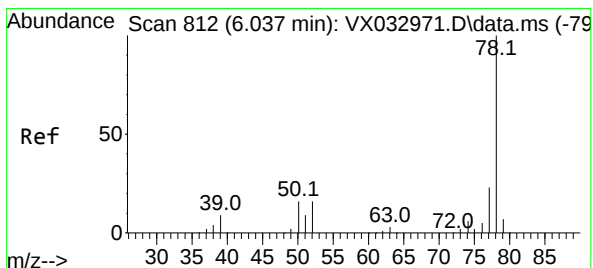
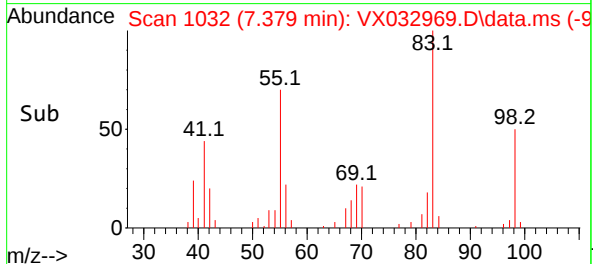
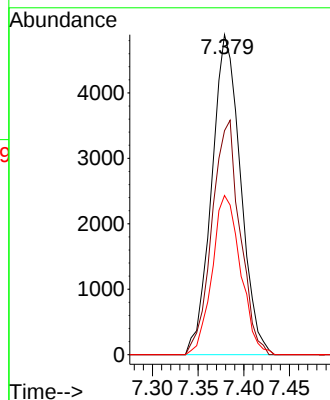
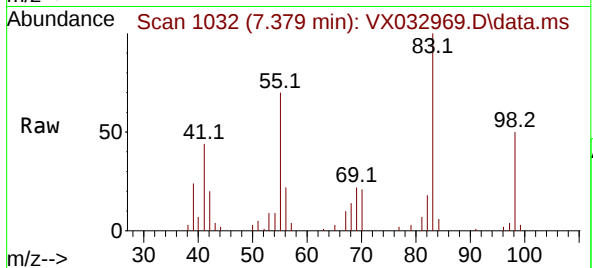
Tgt Ion: 83 Resp: 10719

Ion Ratio Lower Upper

83 100

55 70.0 58.4 87.6

98 49.8 37.2 55.8



#40

Benzene

Concen: 4.863 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032969.D

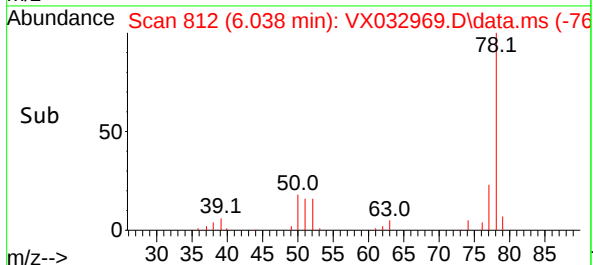
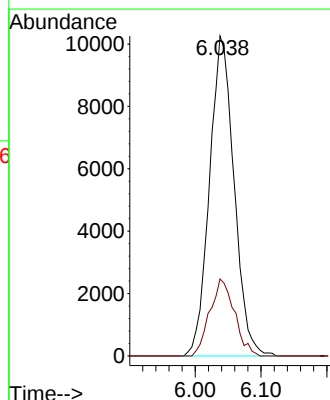
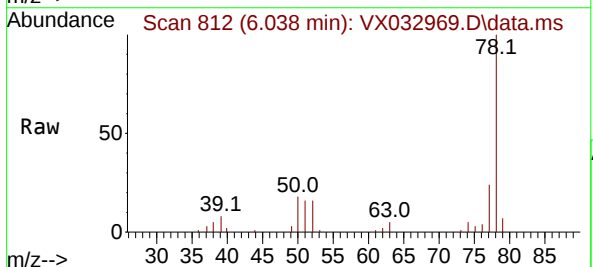
Acq: 22 Nov 2022 09:52

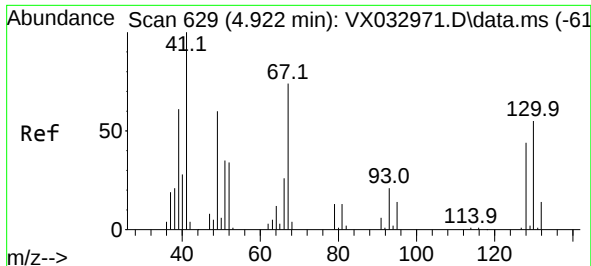
Tgt Ion: 78 Resp: 26680

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

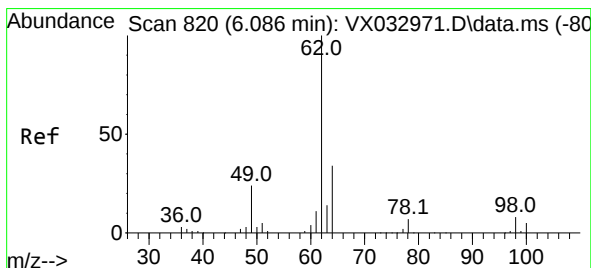
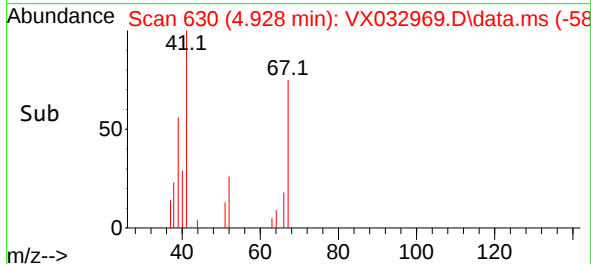
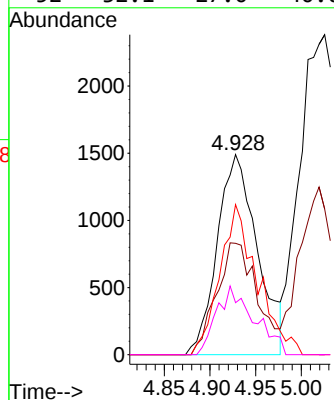
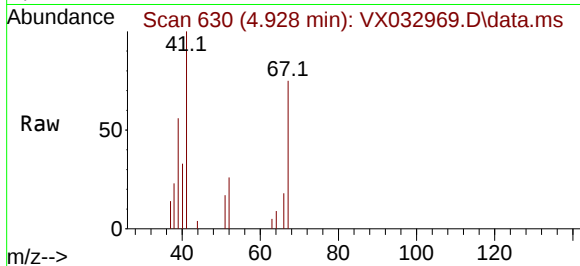




#41
Methacrylonitrile
Concen: 4.418 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

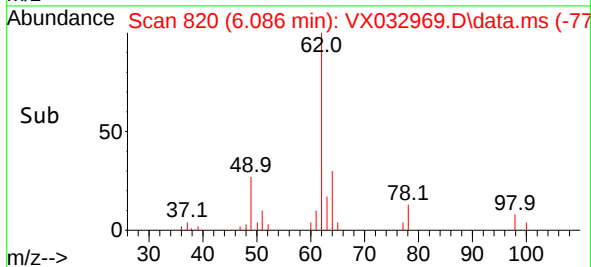
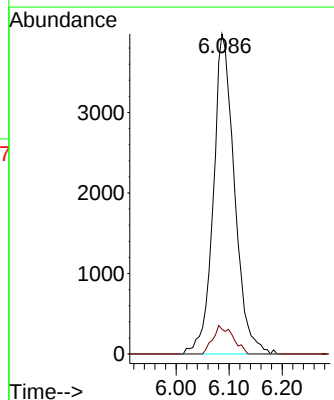
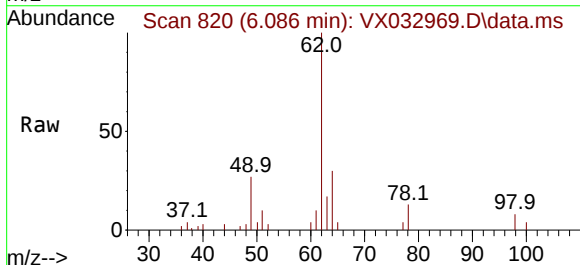
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

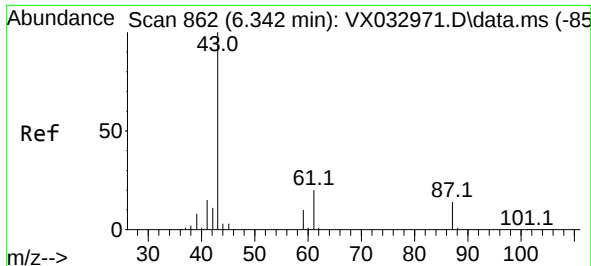
Tgt Ion:	41	Resp:	4542
Ion	Ratio	Lower	Upper
41	100		
39	55.4	47.5	71.3
67	70.4	60.5	90.7
52	32.1	27.0	40.6



#42
1,2-Dichloroethane
Concen: 4.916 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion:	62	Resp:	11025
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.0

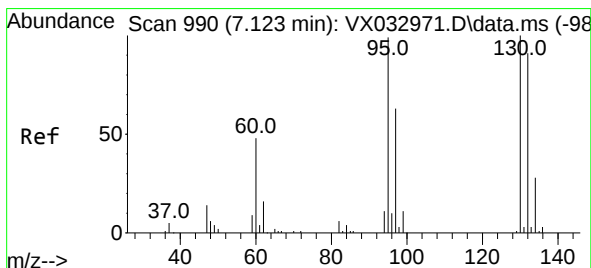
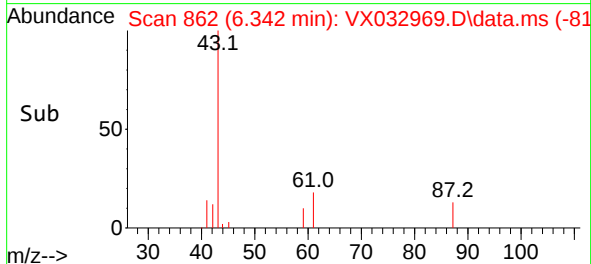
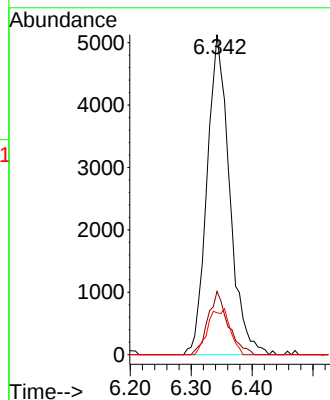
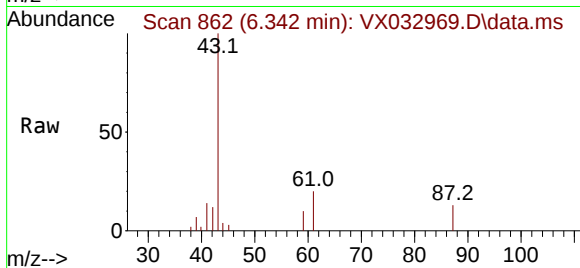




#43
Isopropyl Acetate
Concen: 4.259 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

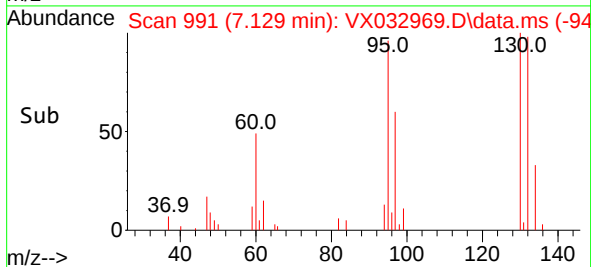
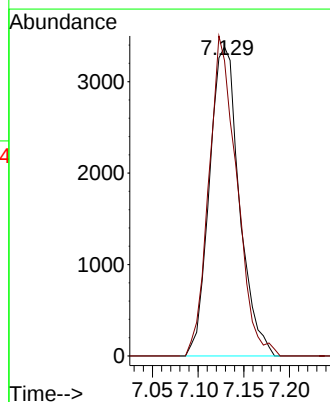
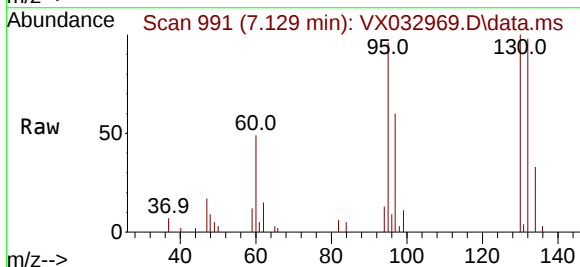
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

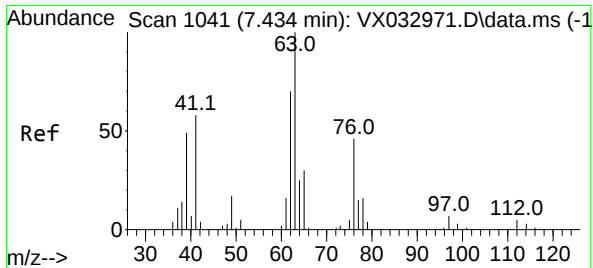
Tgt Ion: 43 Resp: 13196
Ion Ratio Lower Upper
43 100
61 17.6 15.4 23.0
87 14.0 10.8 16.2



#44
Trichloroethene
Concen: 4.976 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion:130 Resp: 7685
Ion Ratio Lower Upper
130 100
95 95.6 0.0 195.2

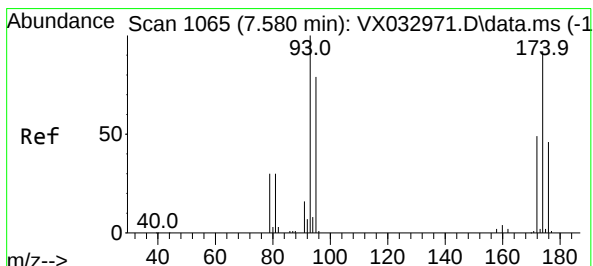
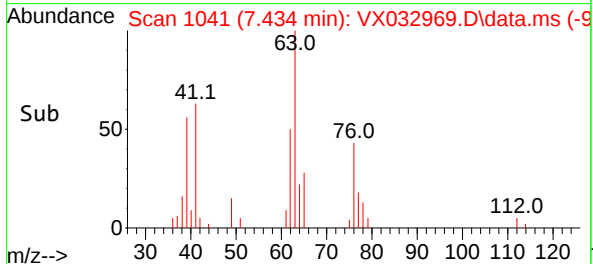
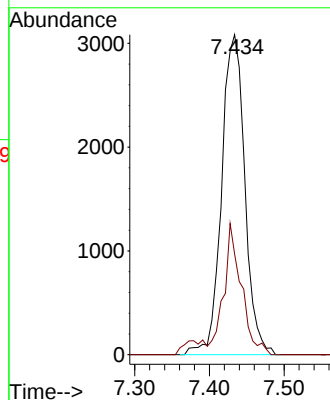
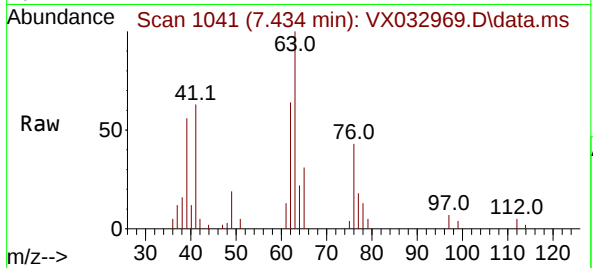




#45
1,2-Dichloropropane
Concen: 4.727 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

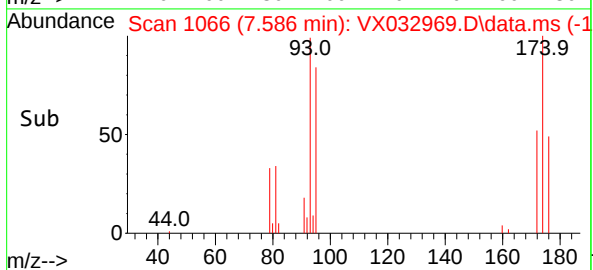
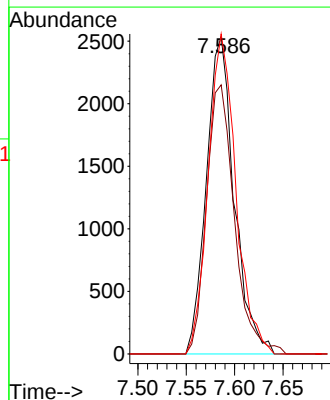
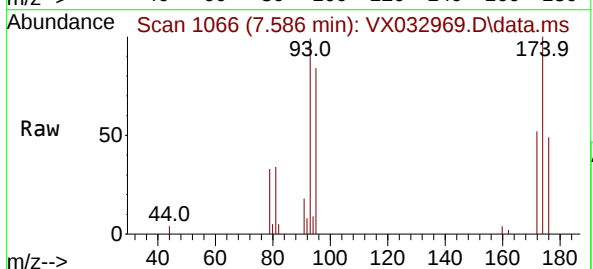
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

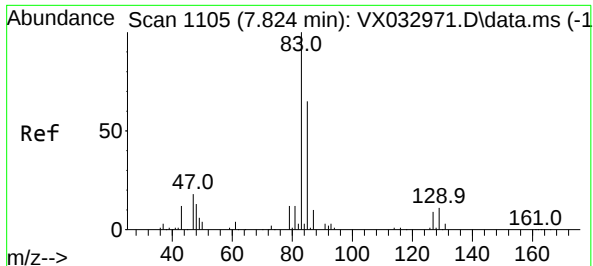
Tgt Ion: 63 Resp: 6657
Ion Ratio Lower Upper
63 100
65 31.5 24.6 36.8



#46
Dibromomethane
Concen: 4.707 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 93 Resp: 5083
Ion Ratio Lower Upper
93 100
95 85.2 65.8 98.8
174 100.2 79.8 119.6





#47

Bromodichloromethane

Concen: 4.791 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

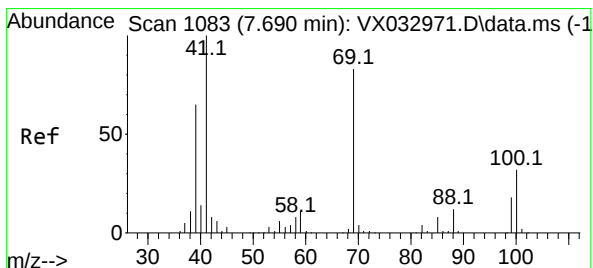
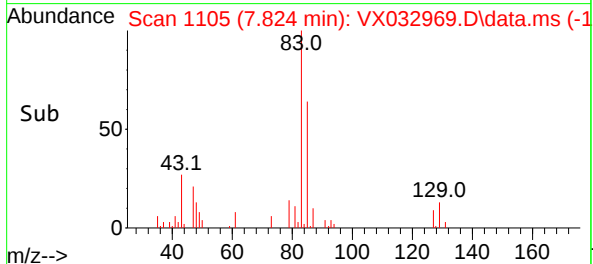
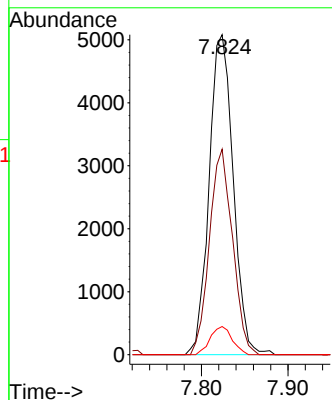
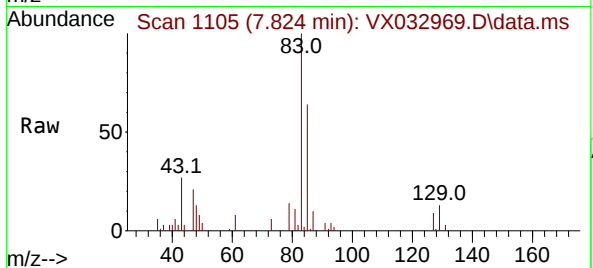
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83	Resp: 9807		
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.2	78.4
127	8.8	7.4	11.2



#48

Methyl methacrylate

Concen: 4.034 ug/l

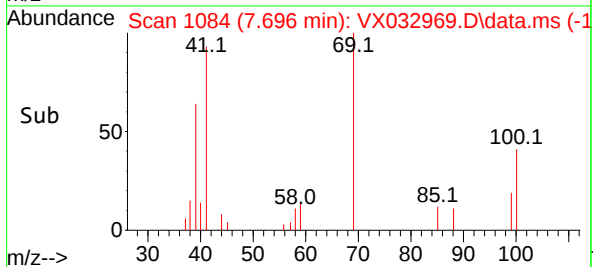
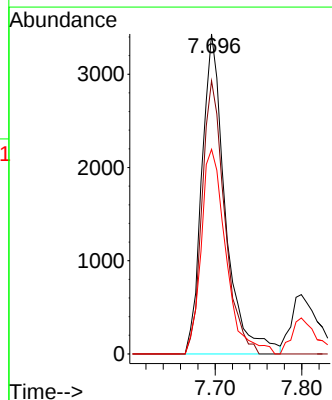
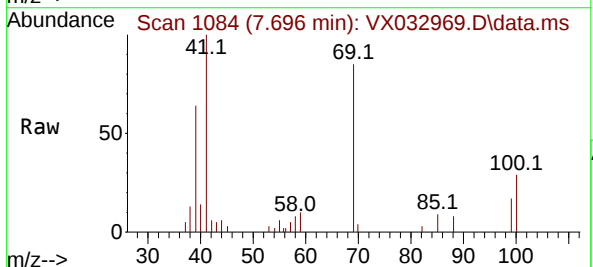
RT: 7.696 min Scan# 1084

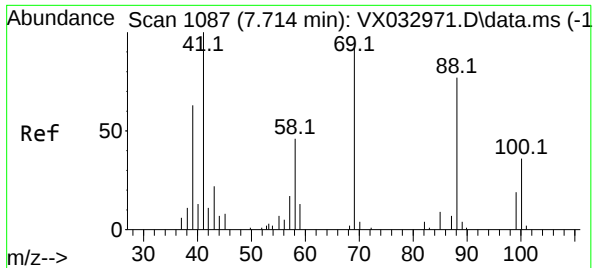
Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Tgt Ion: 41	Resp: 6455
Ion Ratio	Lower Upper
41 100	
69 82.1	65.1 97.7
39 67.3	51.9 77.9





#49

1,4-Dioxane

Concen: 89.524 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.049 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

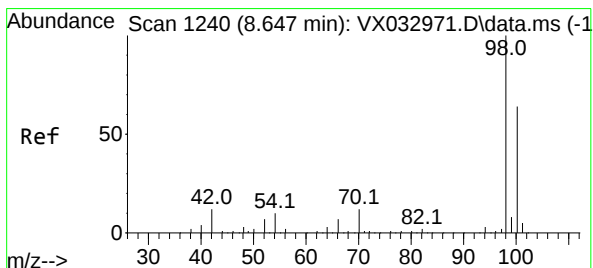
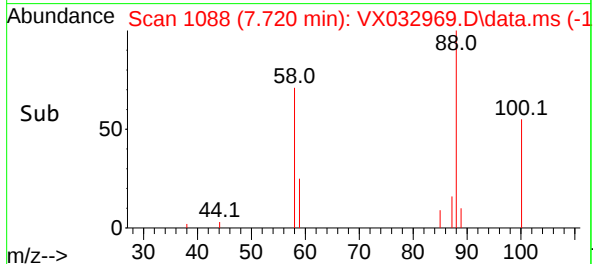
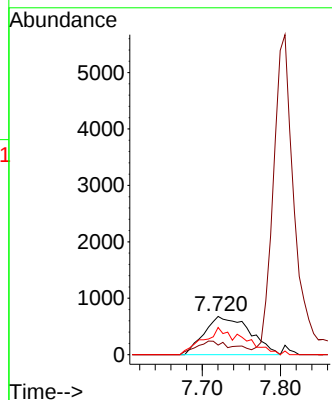
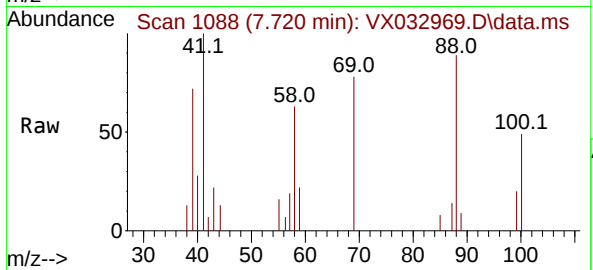
Tgt Ion: 88 Resp: 2730

Ion Ratio Lower Upper

88 100

43 23.5 26.6 39.8#

58 64.1 51.7 77.5



#50

Toluene-d8

Concen: 9.669 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032969.D

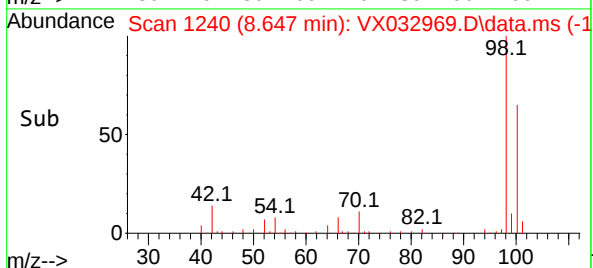
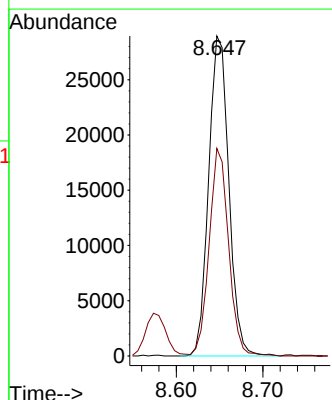
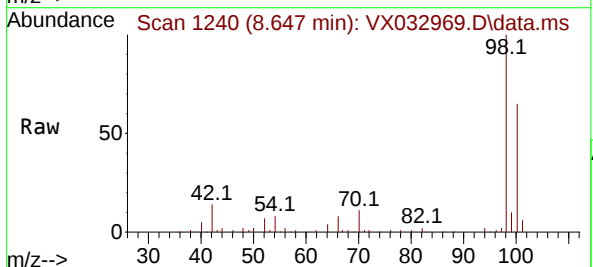
Acq: 22 Nov 2022 09:52

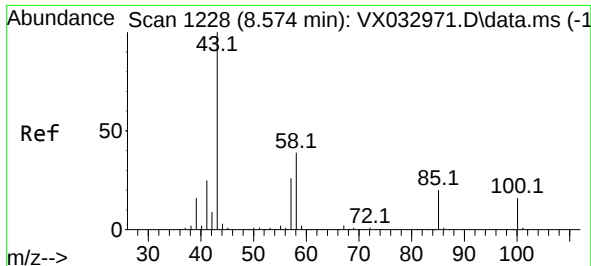
Tgt Ion: 98 Resp: 46803

Ion Ratio Lower Upper

98 100

100 62.5 50.9 76.3

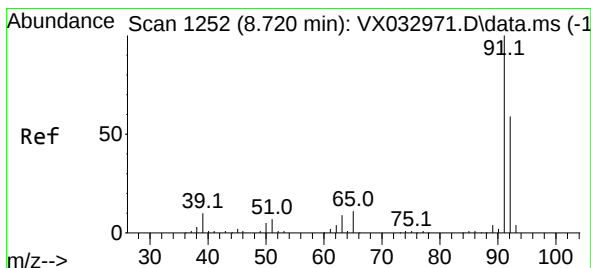
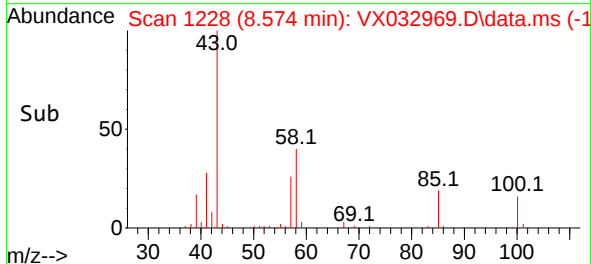
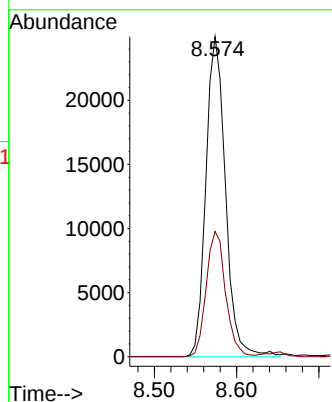
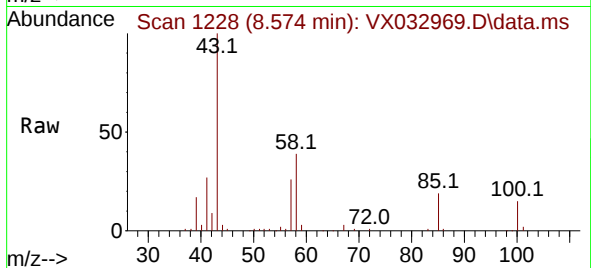




#51
4-Methyl-2-Pentanone
Concen: 21.130 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

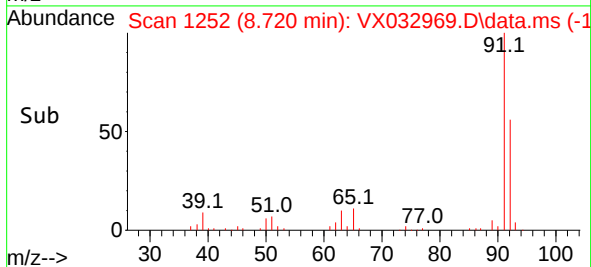
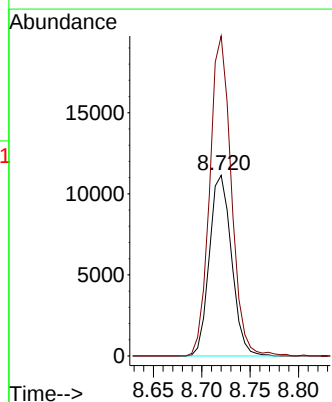
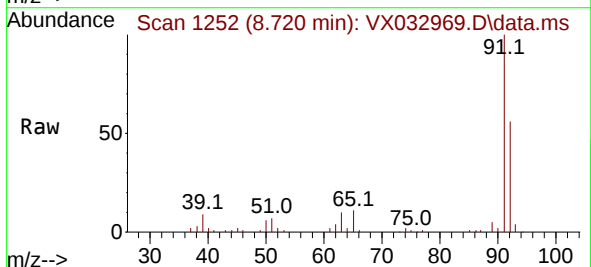
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

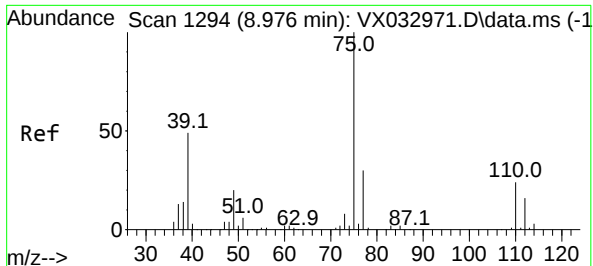
Tgt Ion: 43 Resp: 41235
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3



#52
Toluene
Concen: 4.953 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 92 Resp: 17729
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 4.057 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

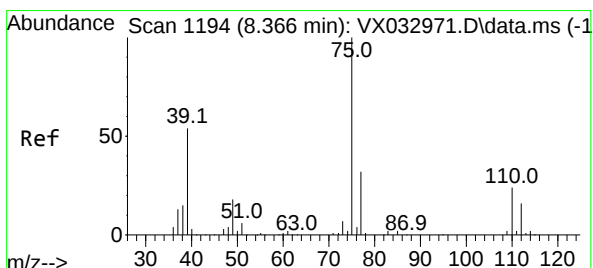
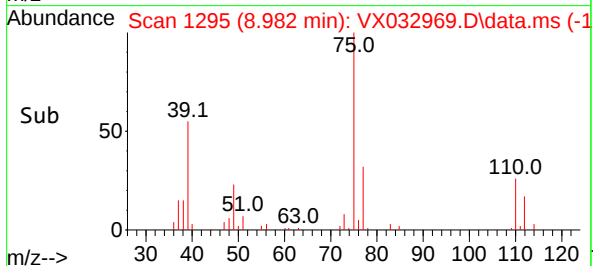
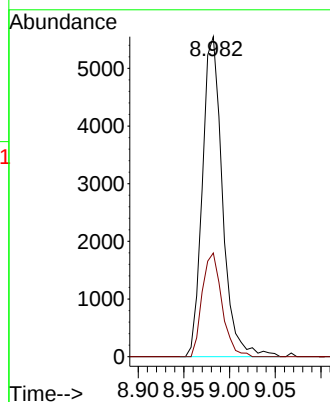
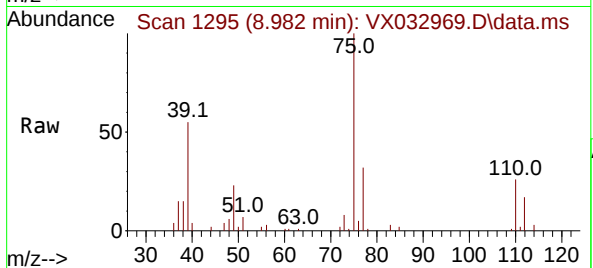
VSTDIC005

Tgt Ion: 75 Resp: 8473

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 4.296 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

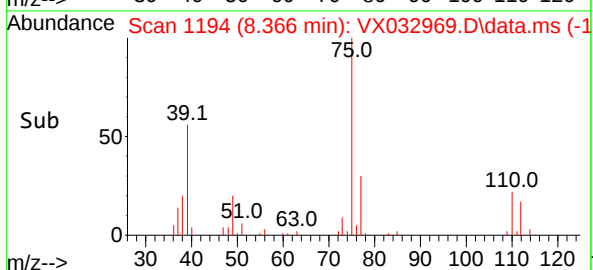
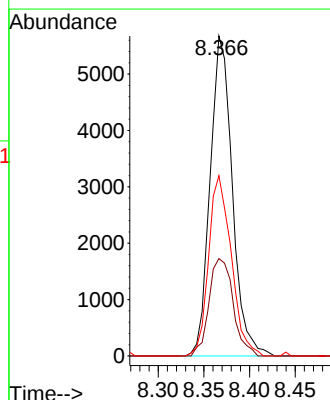
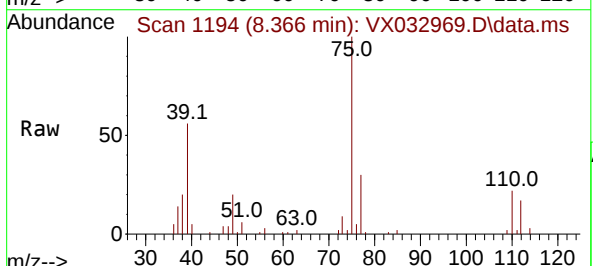
Tgt Ion: 75 Resp: 9597

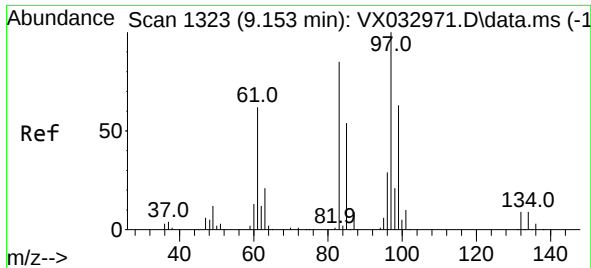
Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7

39 56.4 45.5 68.3



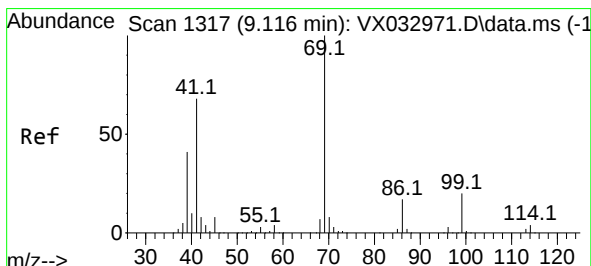
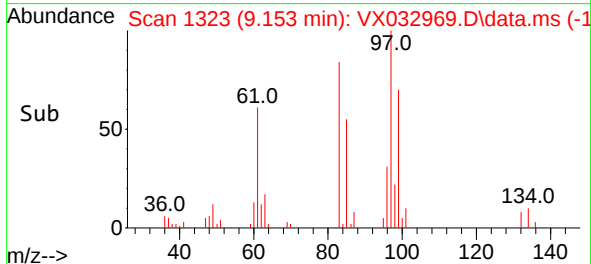
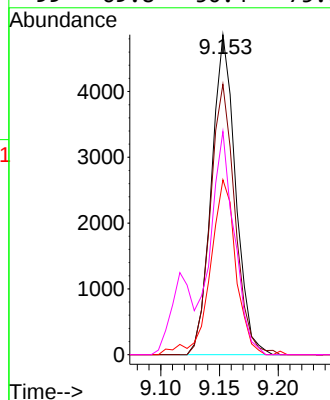
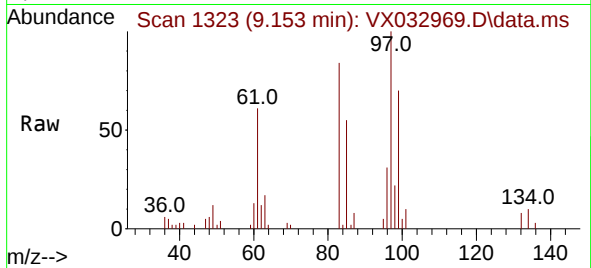


#55
 1,1,2-Trichloroethane
 Concen: 4.604 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 97 Resp: 6939

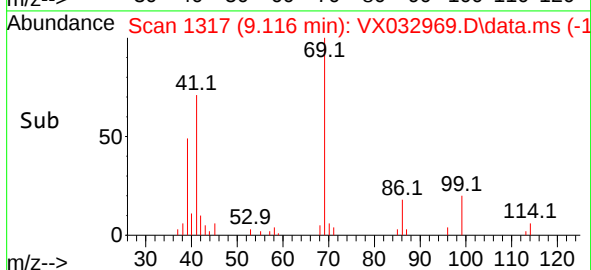
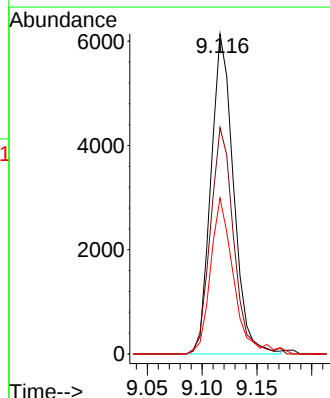
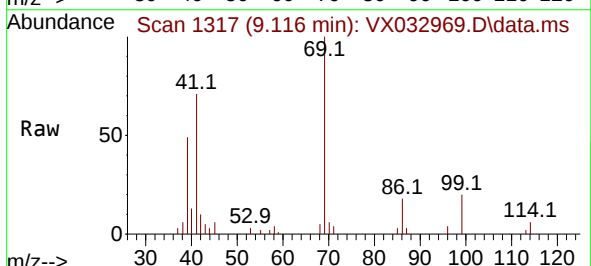
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	53.5	43.3	64.9
99	69.8	50.4	75.6

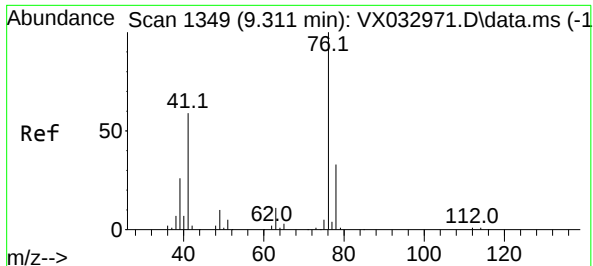


#56
 Ethyl methacrylate
 Concen: 4.046 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

Tgt Ion: 69 Resp: 8777

Ion	Ratio	Lower	Upper
69	100		
41	73.2	54.3	81.5
39	50.0	35.2	52.8





#57

1,3-Dichloropropane

Concen: 4.881 ug/l

RT: 9.311 min Scan# 11882

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

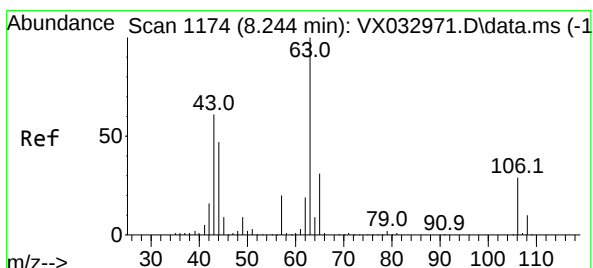
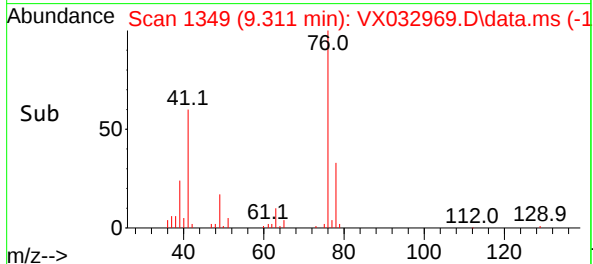
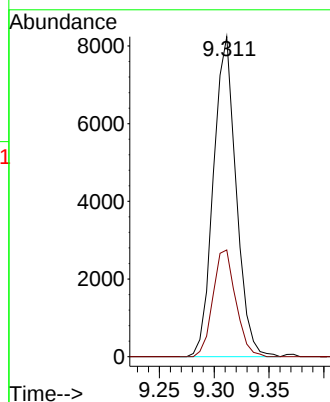
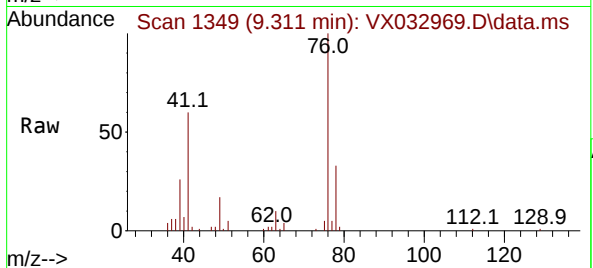
VSTDICC005

Tgt Ion: 76 Resp: 11882

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 21.494 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032969.D

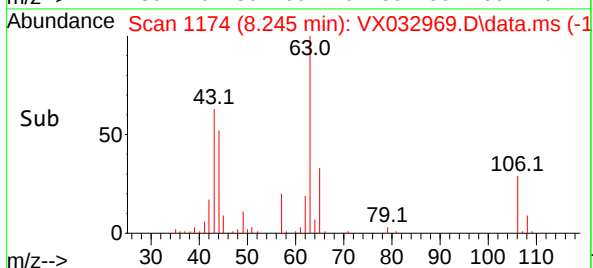
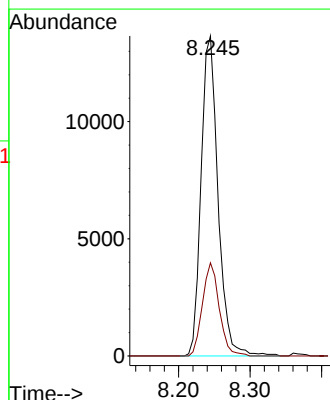
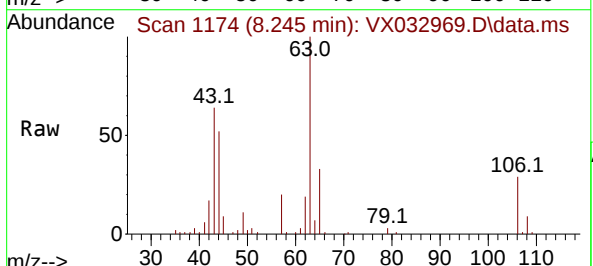
Acq: 22 Nov 2022 09:52

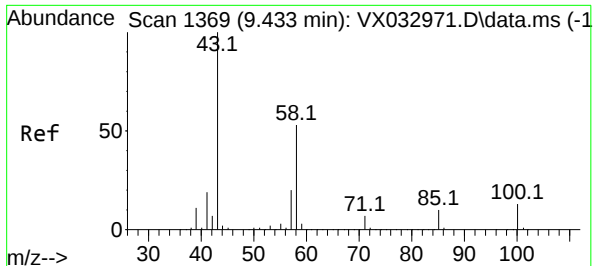
Tgt Ion: 63 Resp: 22450

Ion Ratio Lower Upper

63 100

106 28.9 23.3 34.9

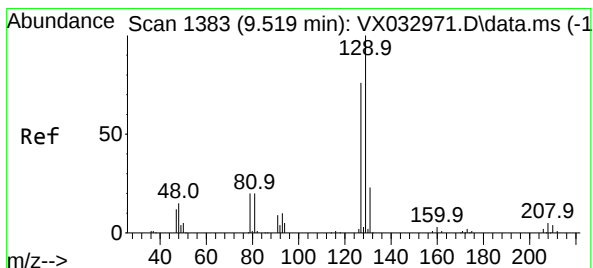
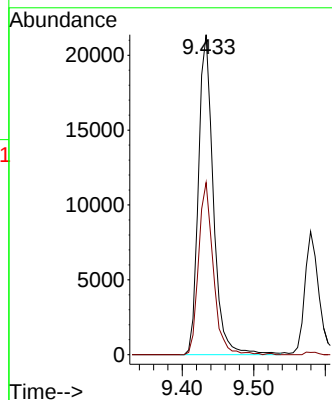
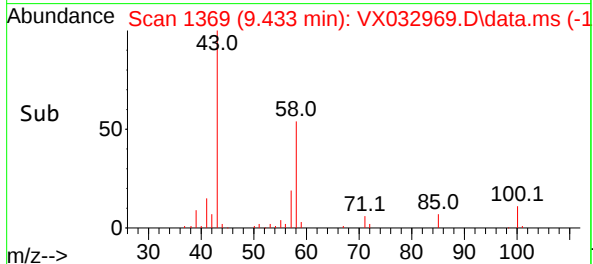
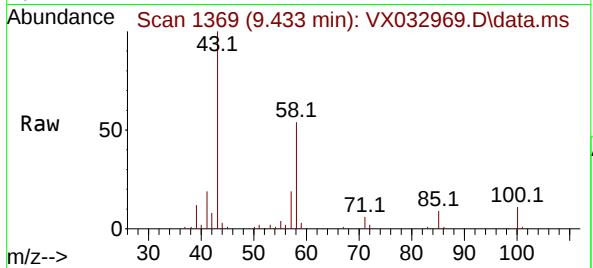




#59
2-Hexanone
Concen: 21.358 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

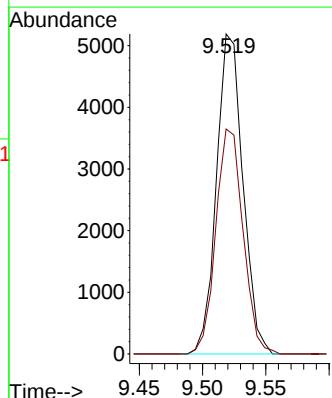
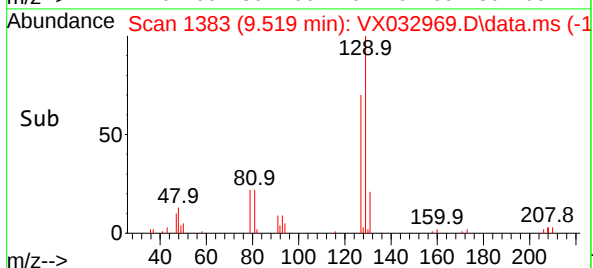
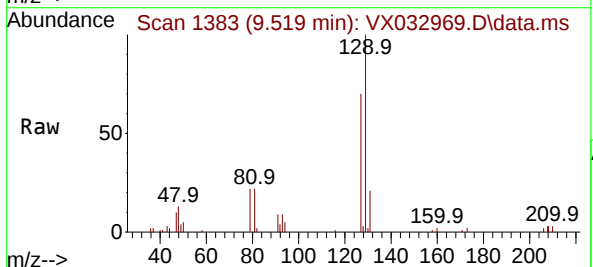
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

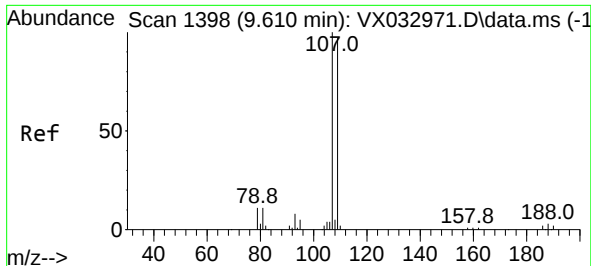
Tgt Ion: 43 Resp: 30927
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 4.573 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 129 Resp: 7529
Ion Ratio Lower Upper
129 100
127 72.5 38.6 115.8

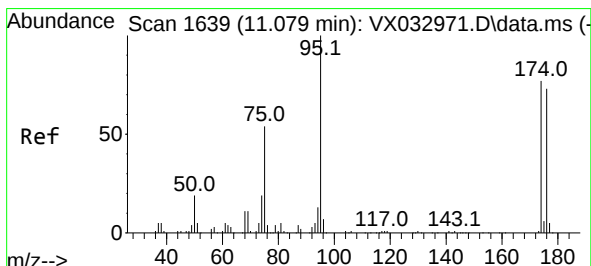
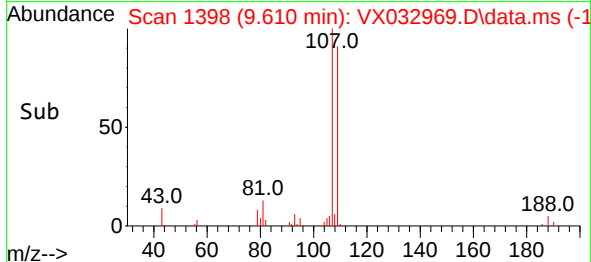
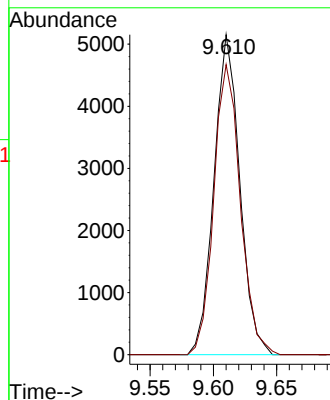
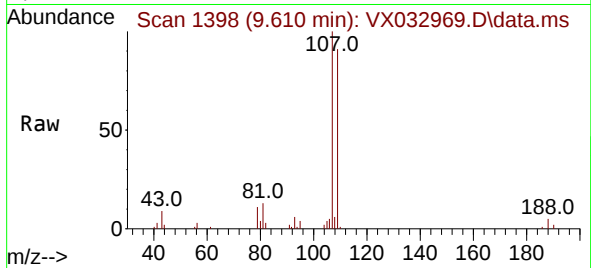




#61
1,2-Dibromoethane
Concen: 4.574 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

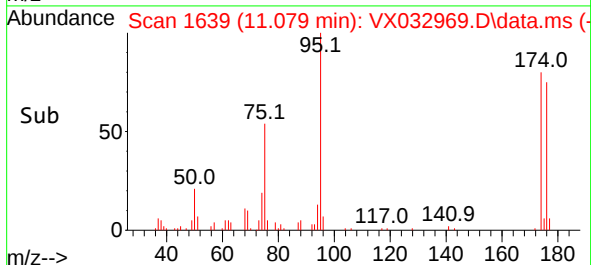
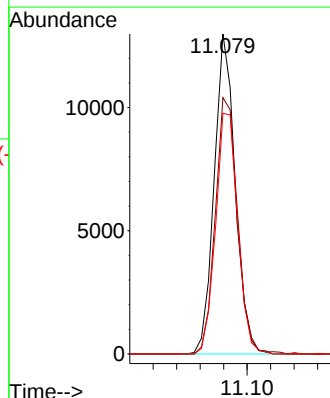
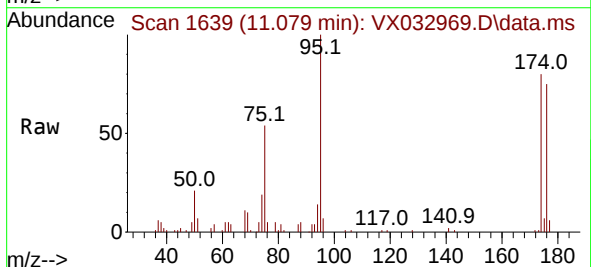
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

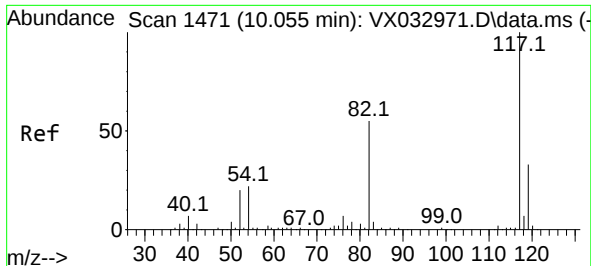
Tgt Ion:107 Resp: 7306
Ion Ratio Lower Upper
107 100
109 93.2 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 8.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 95 Resp: 16102
Ion Ratio Lower Upper
95 100
174 84.8 0.0 164.0
176 79.3 0.0 154.4

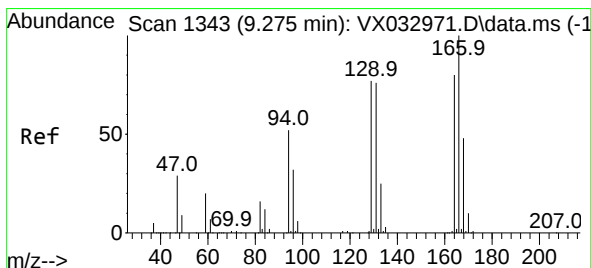
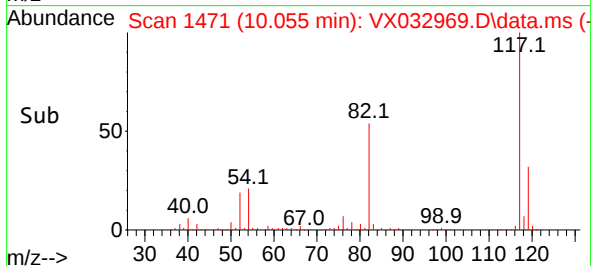
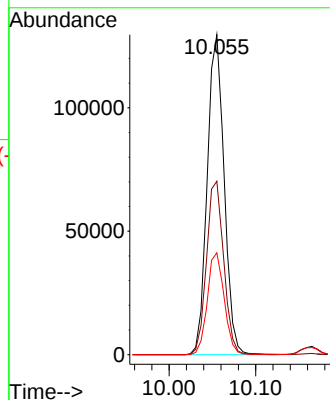
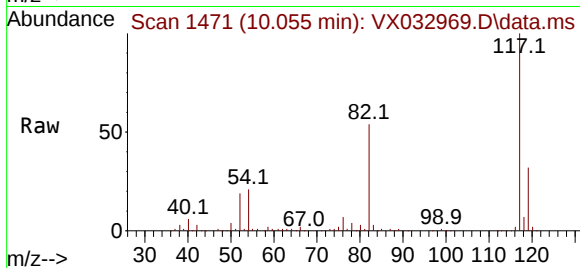




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

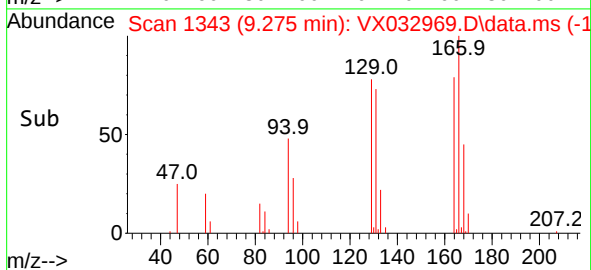
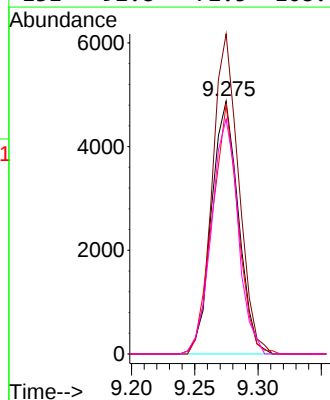
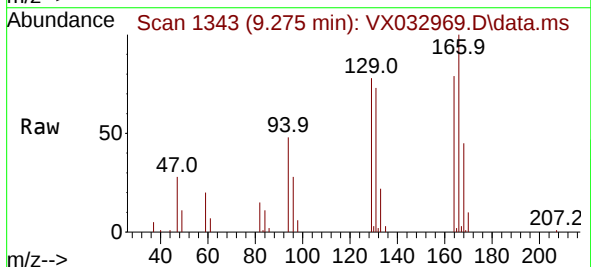
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

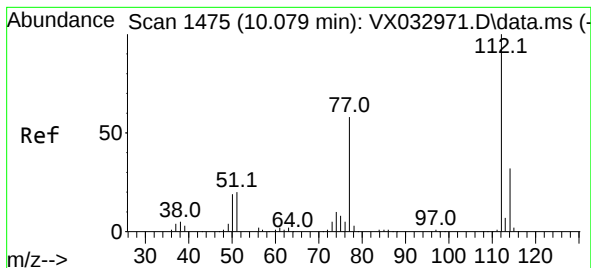
Tgt Ion:117 Resp: 175884
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 5.587 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion:164 Resp: 7192
Ion Ratio Lower Upper
164 100
166 126.6 105.4 158.2
129 98.7 78.2 117.2
131 92.8 72.5 108.7

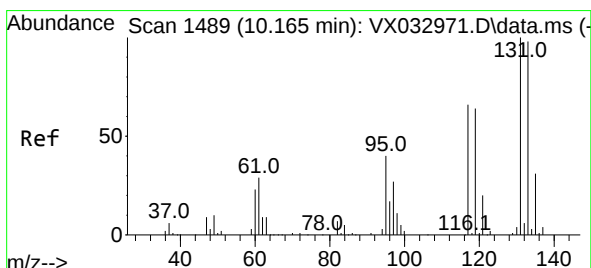
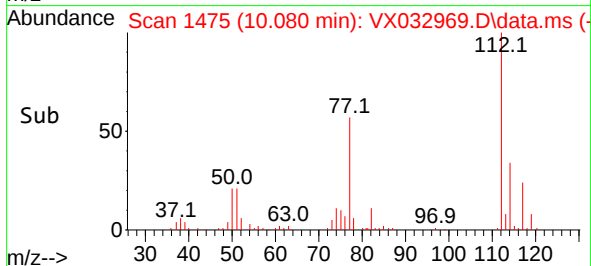
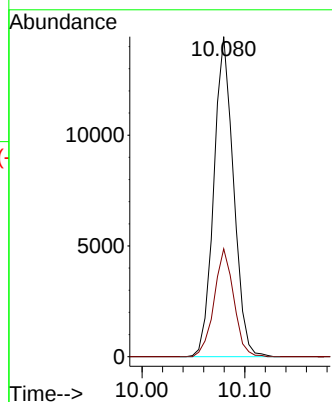
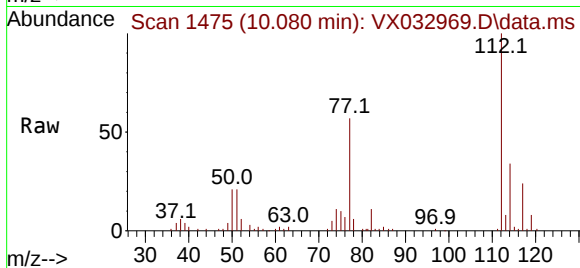




#65
Chlorobenzene
Concen: 4.884 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

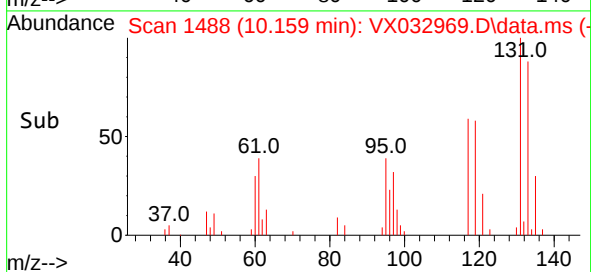
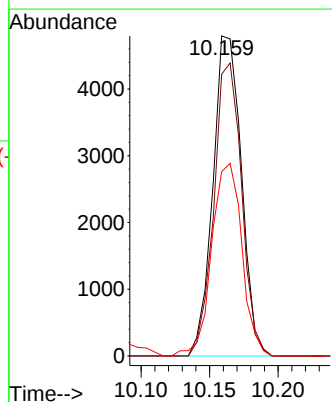
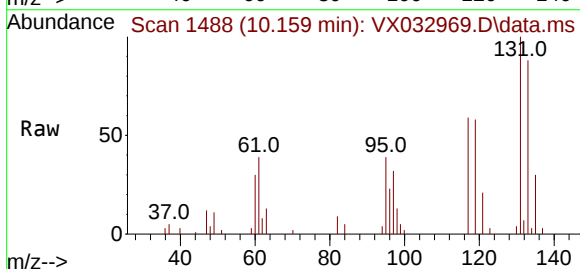
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

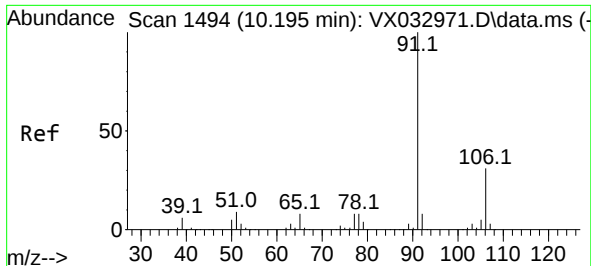
Tgt Ion:112 Resp: 19241
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.671 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion:131 Resp: 6926
Ion Ratio Lower Upper
131 100
133 89.2 47.6 142.9
119 63.7 32.4 97.0

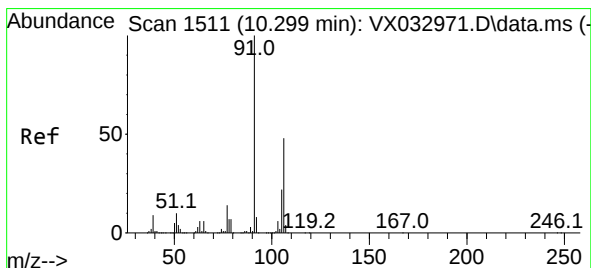
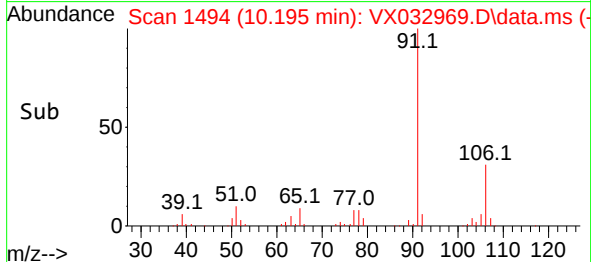
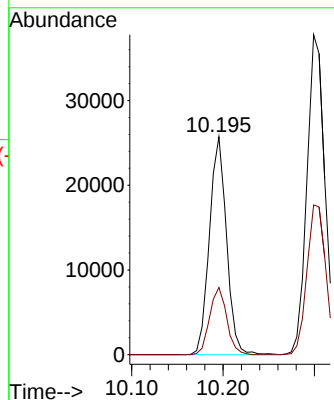
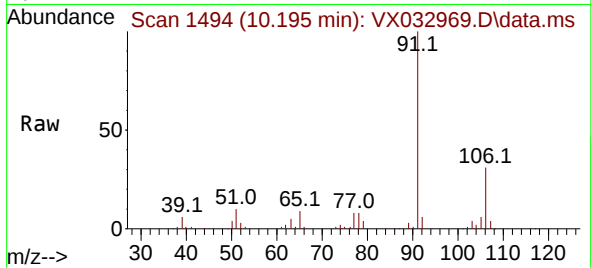




#67
Ethyl Benzene
Concen: 4.740 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

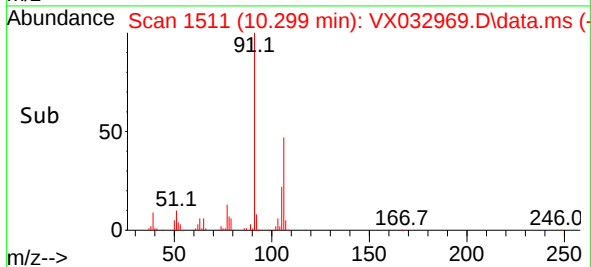
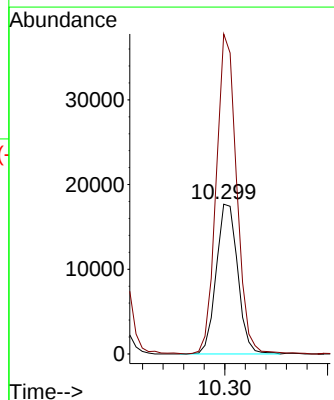
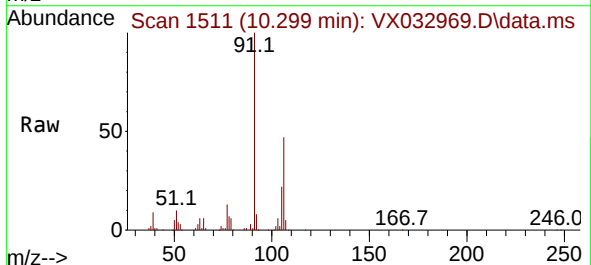
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

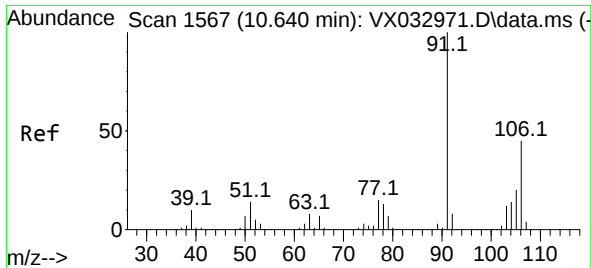
Tgt Ion: 91 Resp: 33392
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 9.369 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 106 Resp: 25633
Ion Ratio Lower Upper
106 100
91 203.2 164.5 246.7

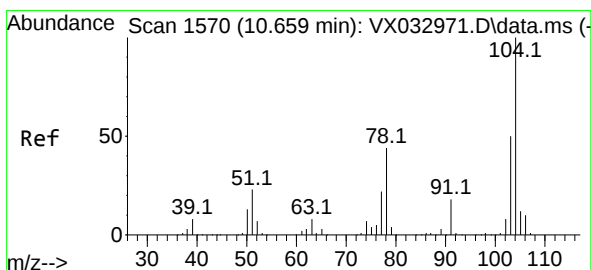
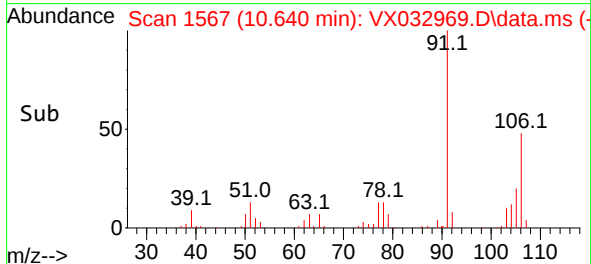
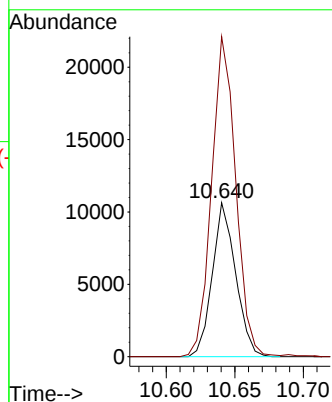
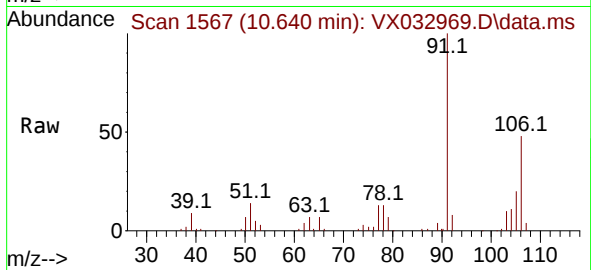




#69
o-Xylene
Concen: 4.732 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

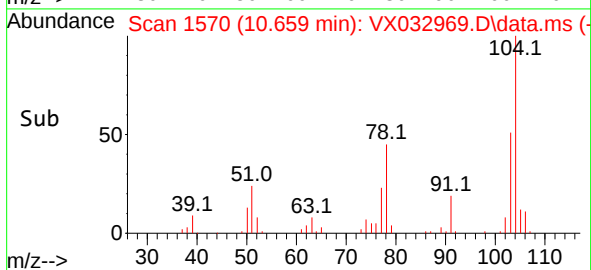
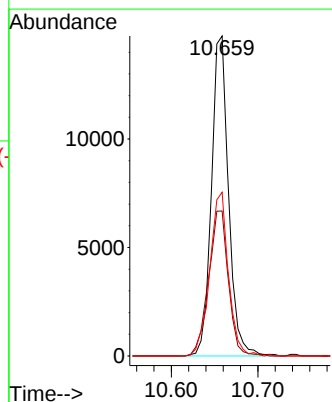
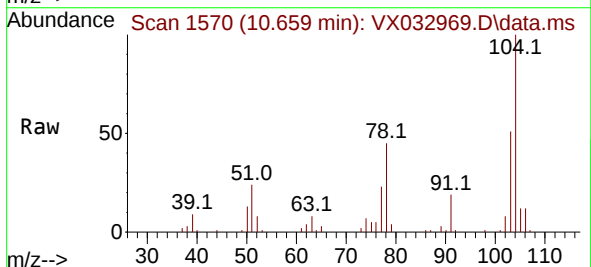
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

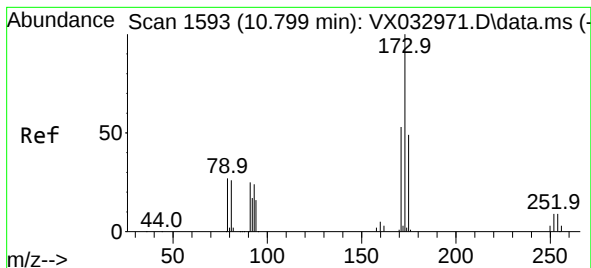
Tgt Ion:106 Resp: 12586
Ion Ratio Lower Upper
106 100
91 214.8 109.2 327.6



#70
Styrene
Concen: 4.573 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion:104 Resp: 20215
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.8
103 55.9 44.5 66.7





#71

Bromoform

Concen: 4.053 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

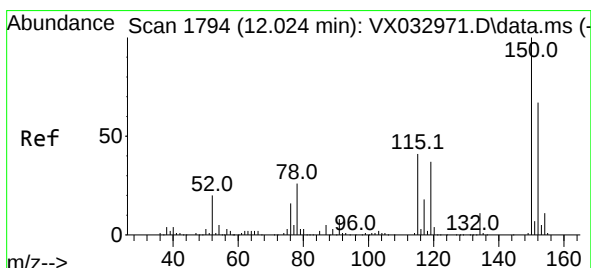
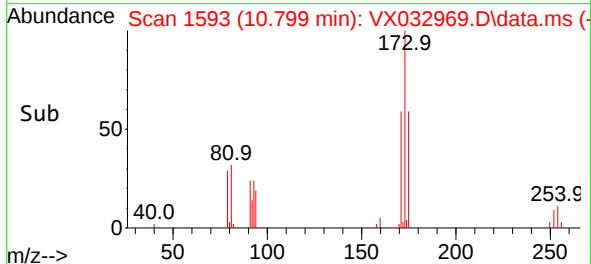
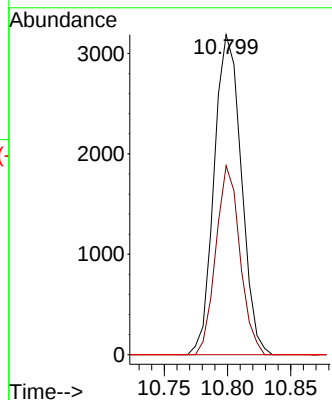
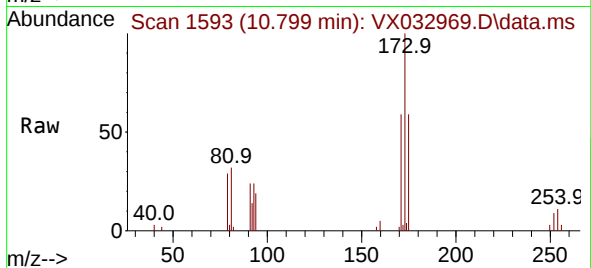
Tgt Ion:173 Resp: 4752

Ion Ratio Lower Upper

173 100

175 52.3 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

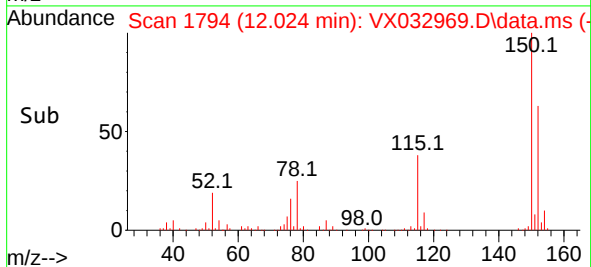
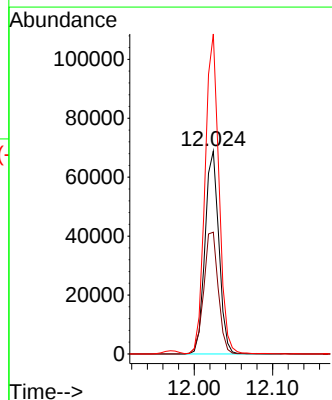
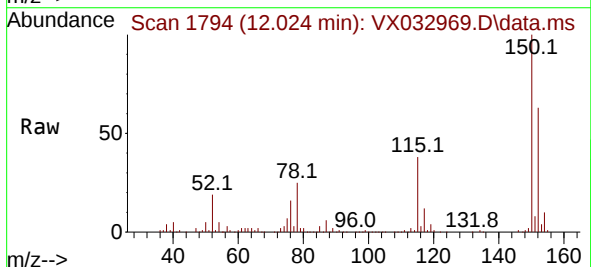
Tgt Ion:152 Resp: 84494

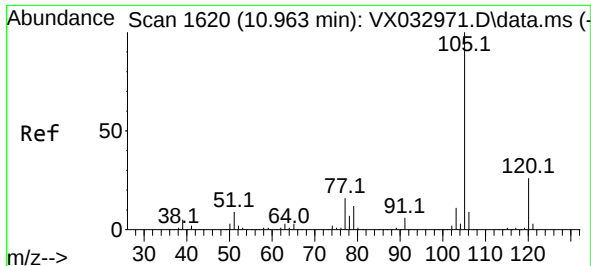
Ion Ratio Lower Upper

152 100

115 62.9 44.0 132.0

150 158.4 0.0 351.8

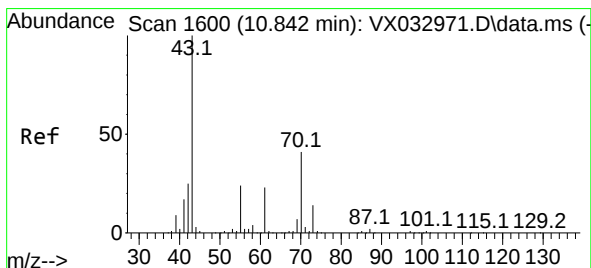
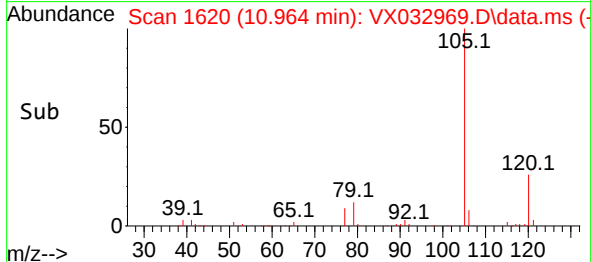
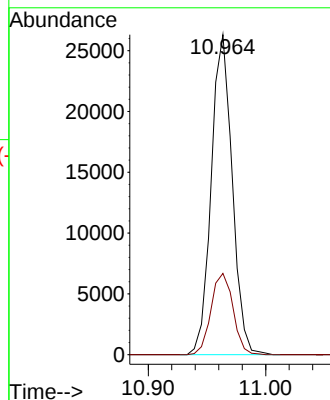
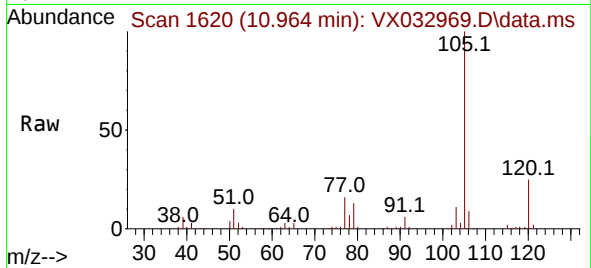




#73
Isopropylbenzene
Concen: 4.872 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

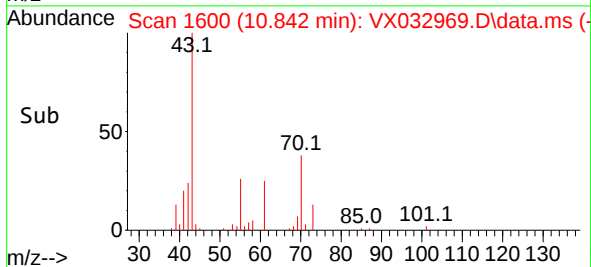
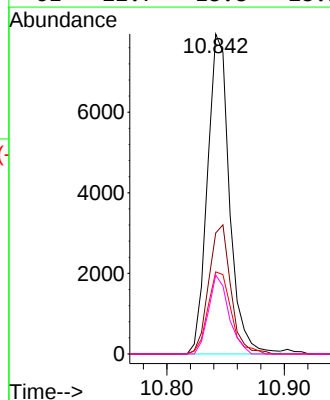
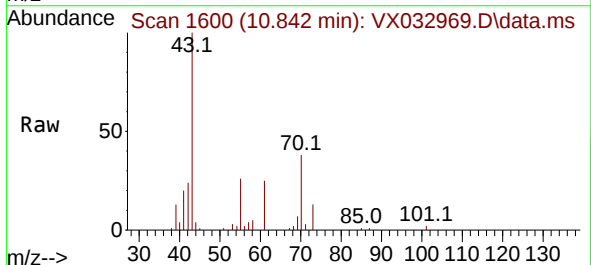
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

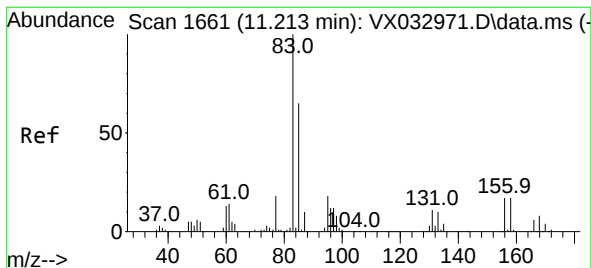
Tgt Ion:105 Resp: 32620
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 4.091 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 43 Resp: 10350
Ion Ratio Lower Upper
43 100
70 40.2 33.6 50.4
55 27.1 19.4 29.2
61 22.7 18.8 28.2

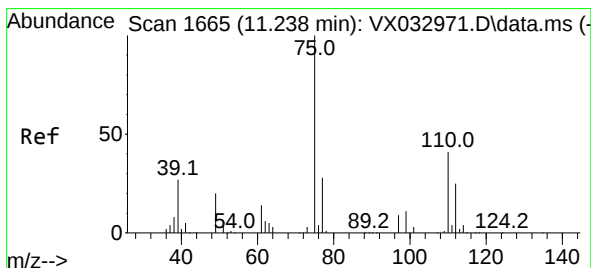
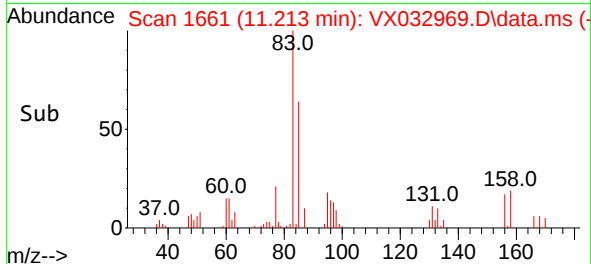
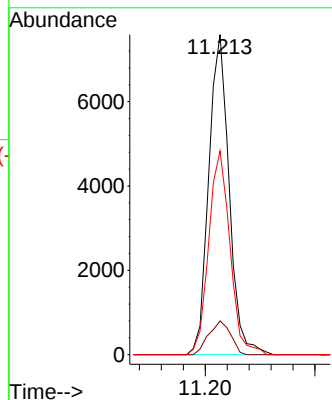
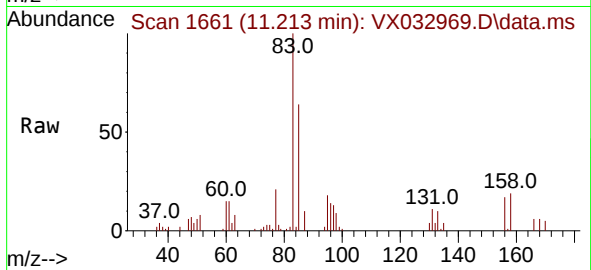




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.549 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

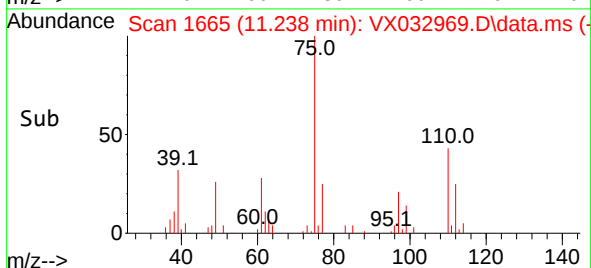
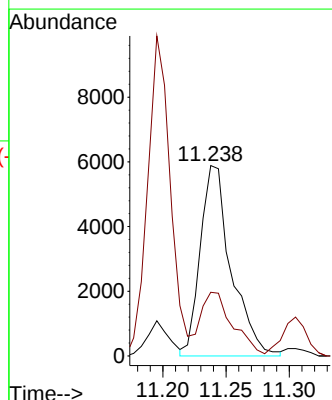
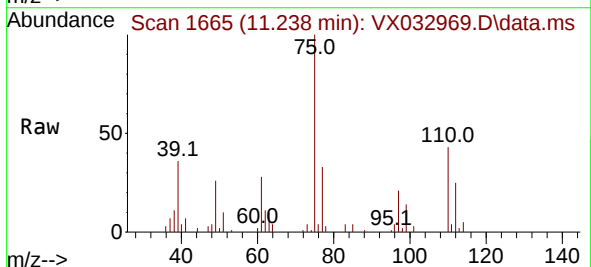
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

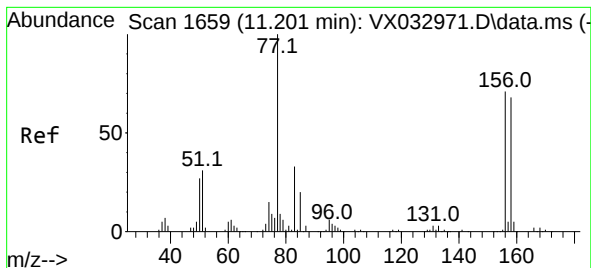
Tgt Ion: 83 Resp: 9776
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.4 16.2
 85 66.6 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 5.332 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

Tgt Ion: 75 Resp: 10023
 Ion Ratio Lower Upper
 75 100
 77 35.4 20.0 60.0





#77

Bromobenzene

Concen: 4.835 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

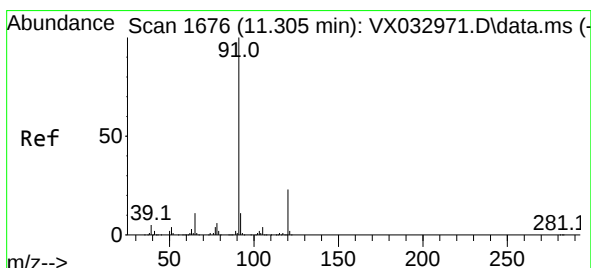
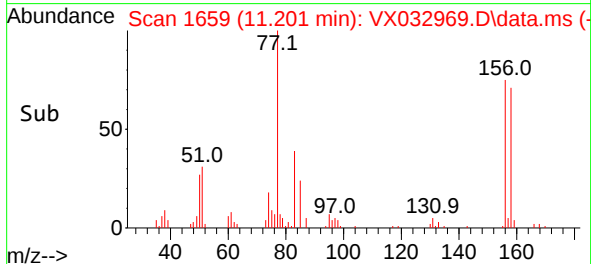
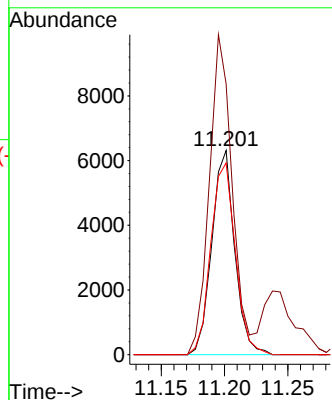
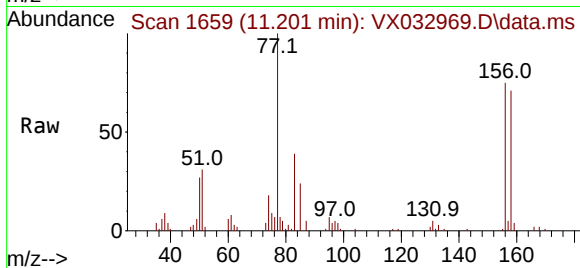
Tgt Ion:156 Resp: 7936

Ion Ratio Lower Upper

156 100

77 155.2 76.1 228.4

158 100.8 48.8 146.3



#78

n-propylbenzene

Concen: 4.804 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032969.D

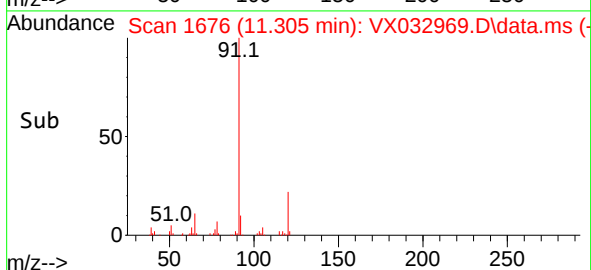
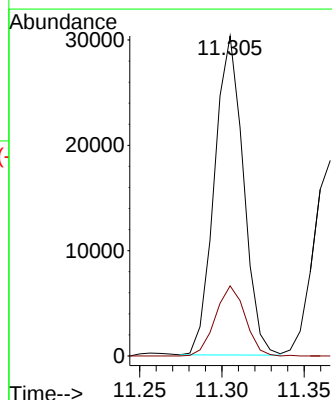
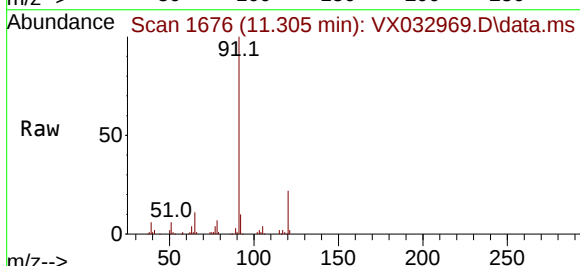
Acq: 22 Nov 2022 09:52

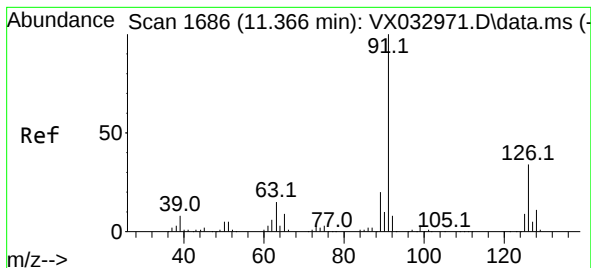
Tgt Ion: 91 Resp: 37056

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 5.008 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

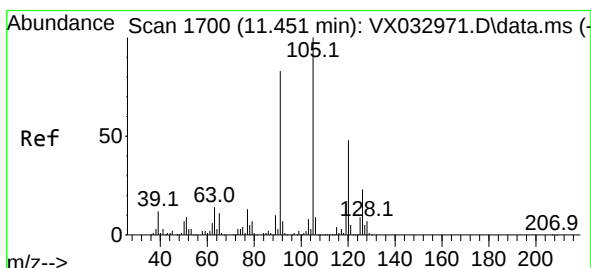
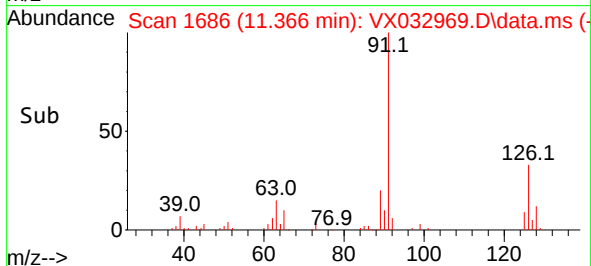
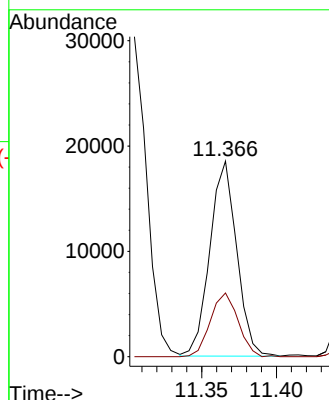
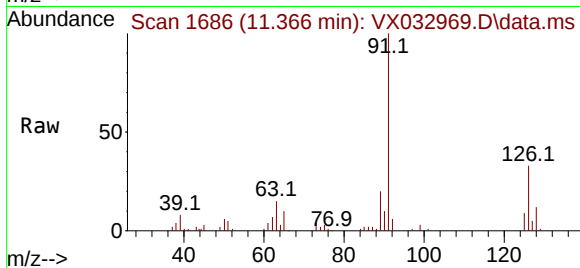
VSTDIC005

Tgt Ion: 91 Resp: 23138

Ion Ratio Lower Upper

91 100

126 33.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 4.809 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032969.D

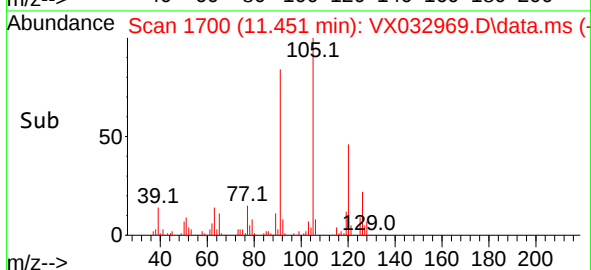
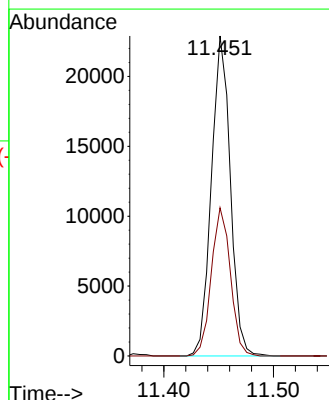
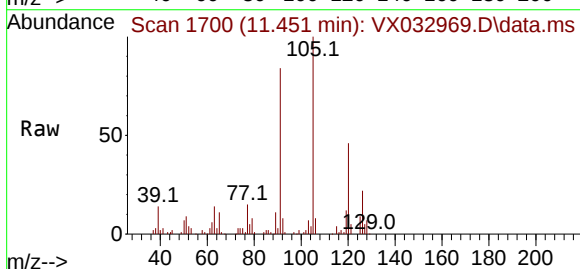
Acq: 22 Nov 2022 09:52

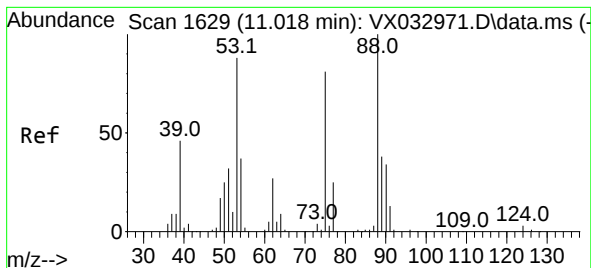
Tgt Ion: 105 Resp: 27517

Ion Ratio Lower Upper

105 100

120 46.6 23.6 71.0

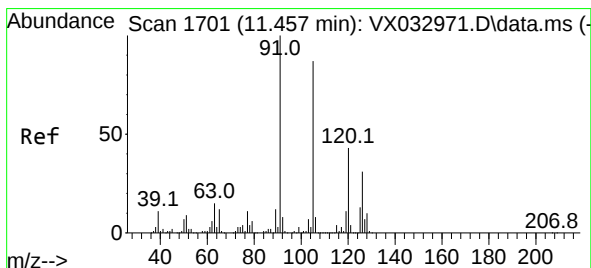
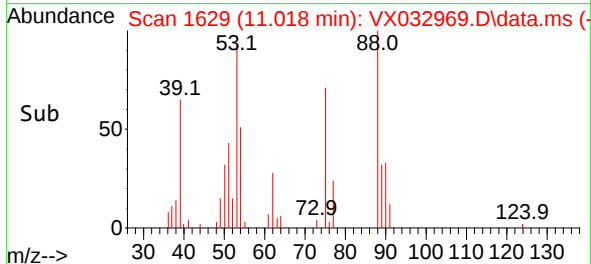
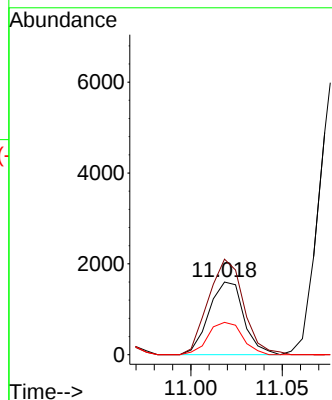
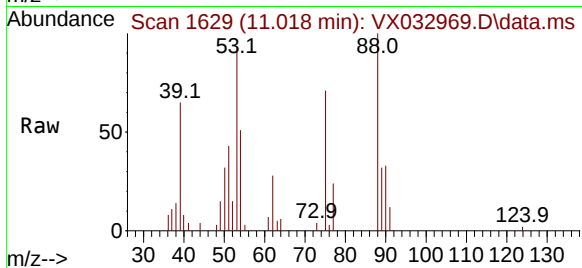




#81
trans-1,4-Dichloro-2-butene
Concen: 3.604 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

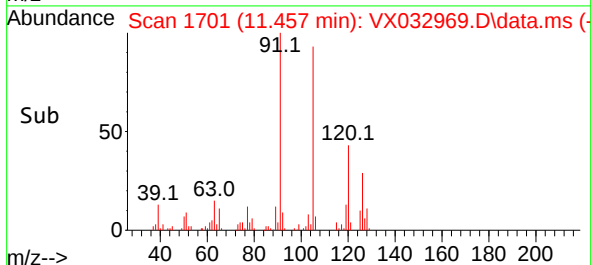
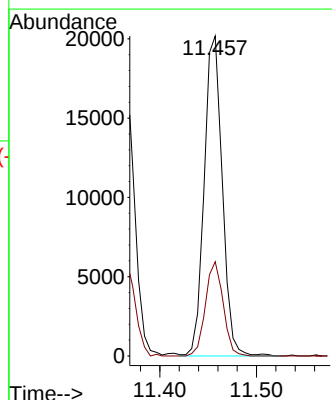
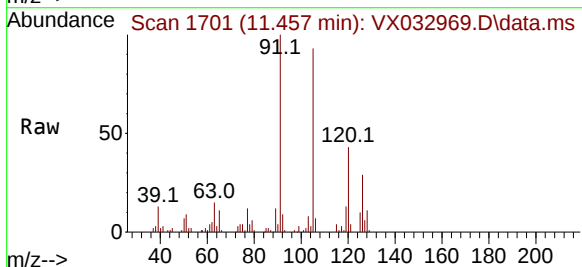
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

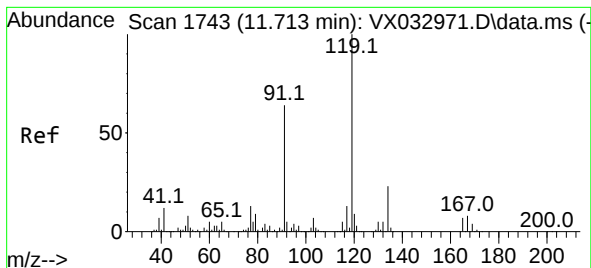
Tgt Ion: 75 Resp: 2129
Ion Ratio Lower Upper
75 100
53 132.4 86.9 130.3#
89 43.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 4.868 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion: 91 Resp: 26317
Ion Ratio Lower Upper
91 100
126 28.7 14.8 44.4





#83

tert-Butylbenzene

Concen: 4.742 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

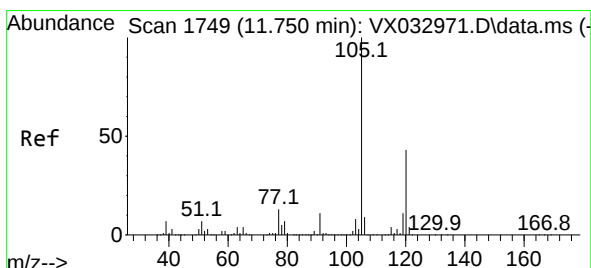
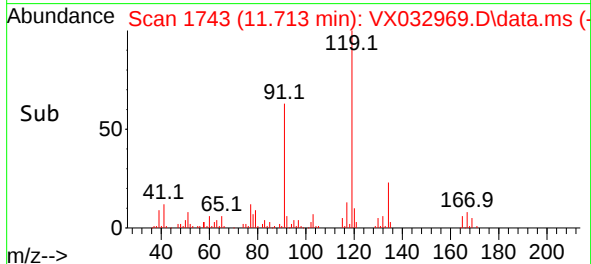
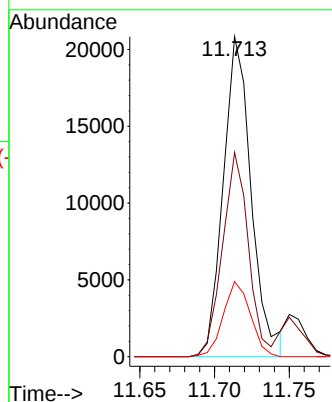
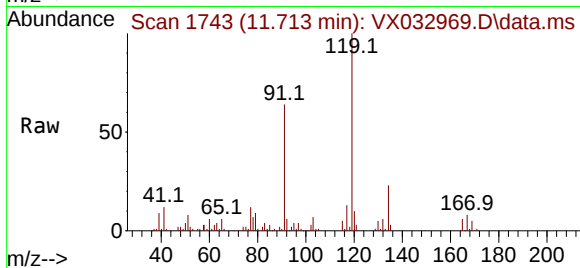
Tgt Ion:119 Resp: 27091

Ion Ratio Lower Upper

119 100

91 59.2 29.4 88.2

134 22.8 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 4.760 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX032969.D

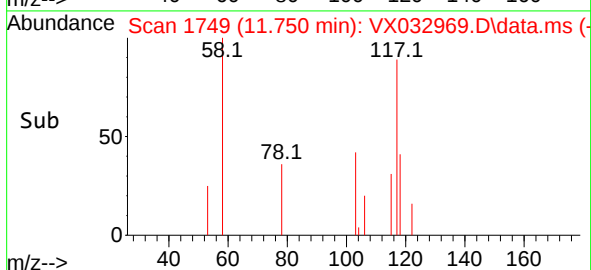
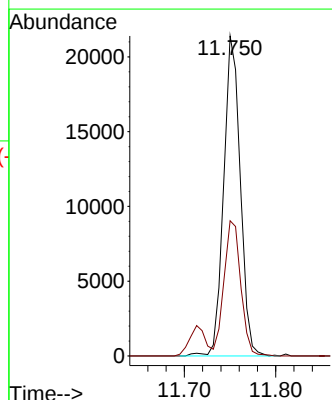
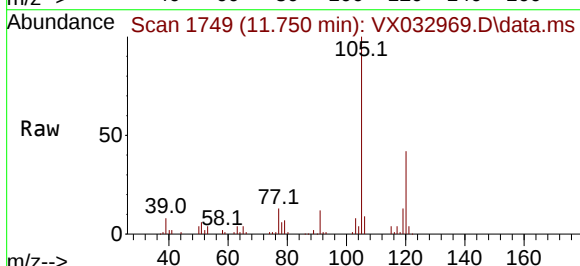
Acq: 22 Nov 2022 09:52

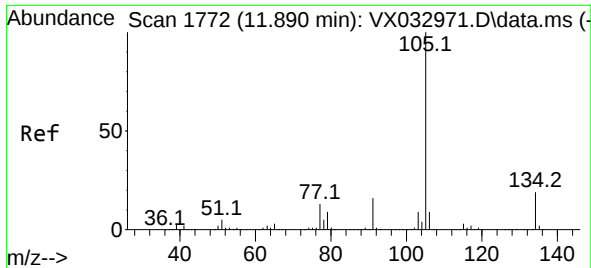
Tgt Ion:105 Resp: 27094

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.5

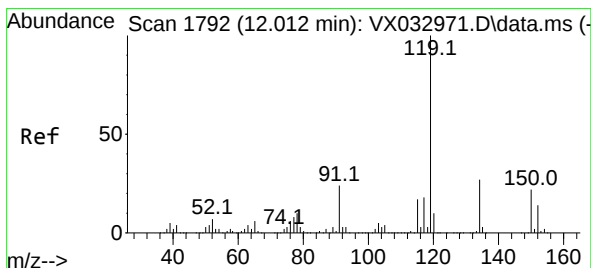
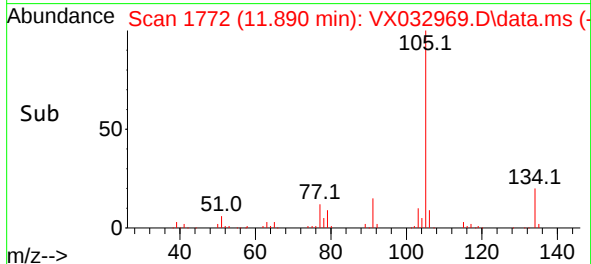
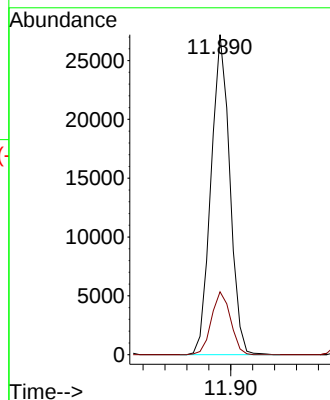
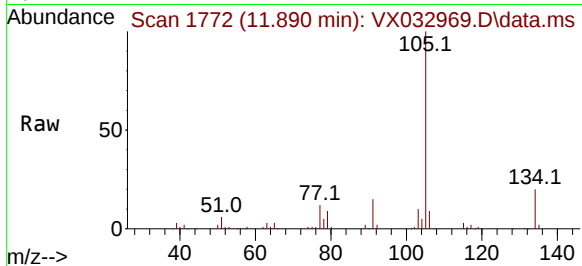




#85
 sec-Butylbenzene
 Concen: 4.711 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

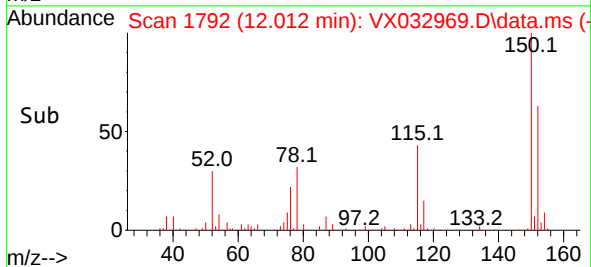
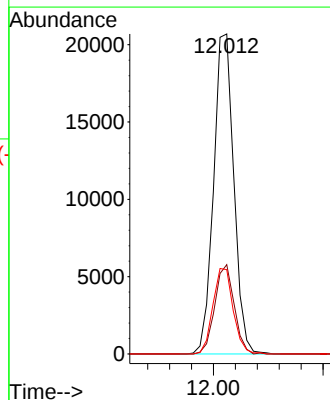
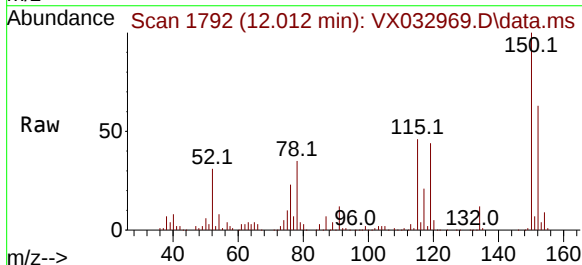
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

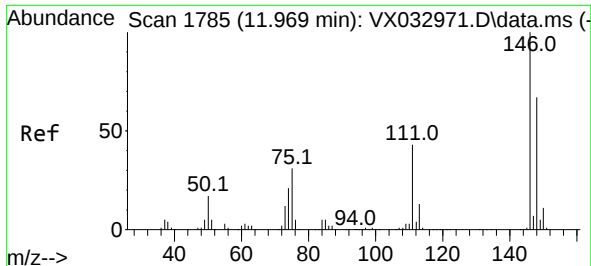
Tgt Ion:105 Resp: 32384
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 4.546 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032969.D
 Acq: 22 Nov 2022 09:52

Tgt Ion:119 Resp: 26517
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 26.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 4.725 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

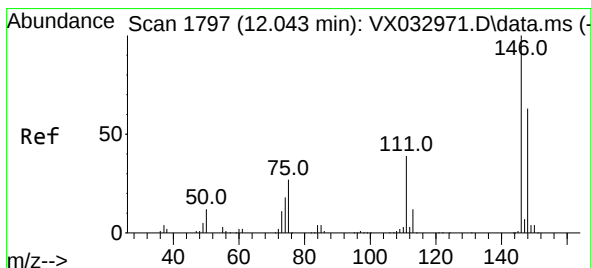
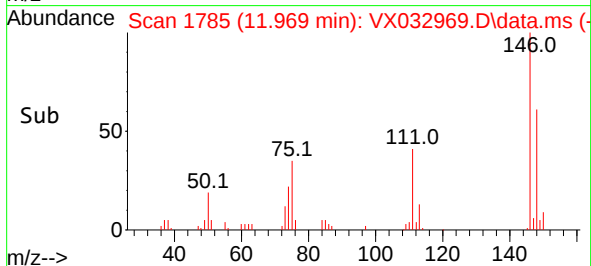
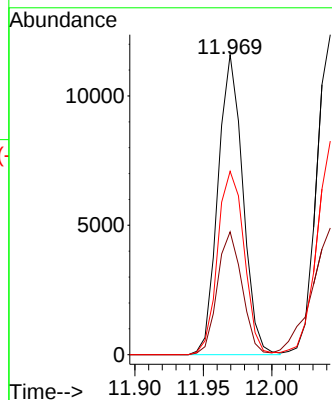
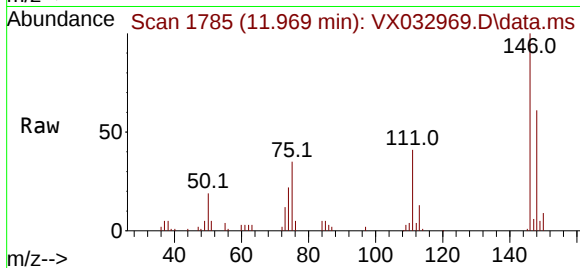
Tgt Ion:146 Resp: 14629

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 65.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 4.785 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

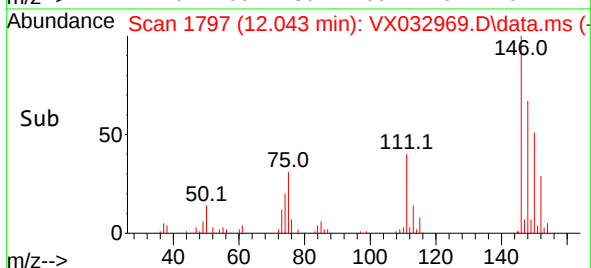
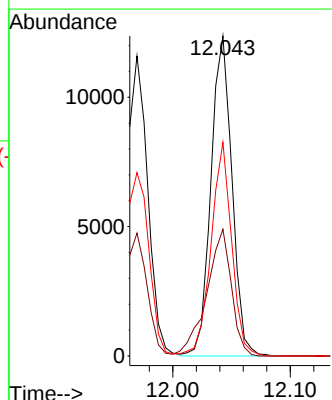
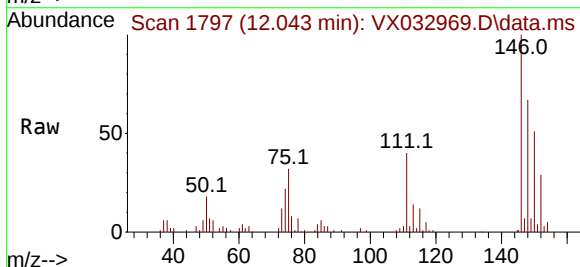
Tgt Ion:146 Resp: 15370

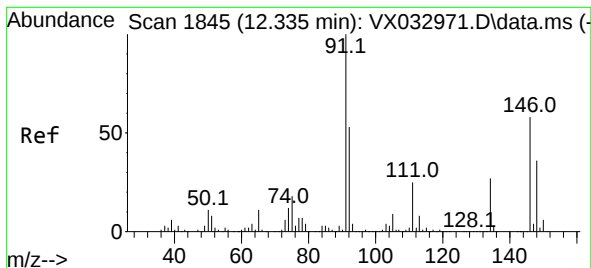
Ion Ratio Lower Upper

146 100

111 46.6 20.5 61.6

148 65.8 32.2 96.6





#89

n-Butylbenzene

Concen: 4.456 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

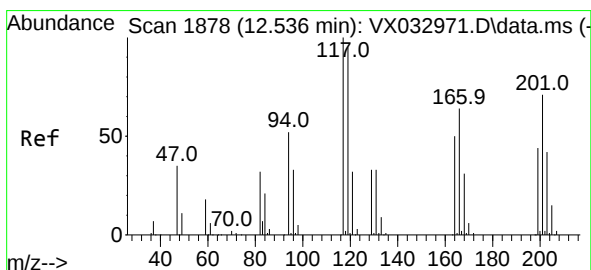
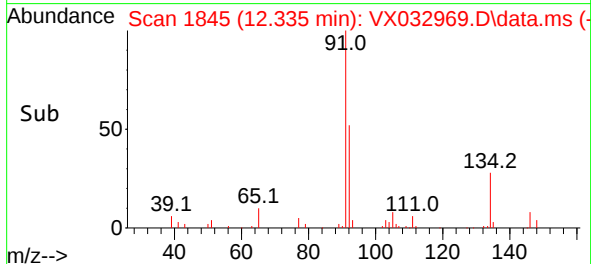
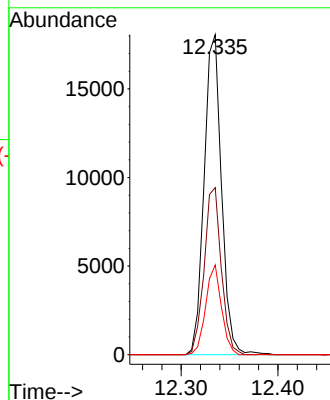
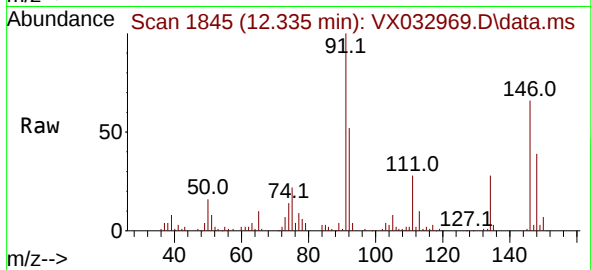
Tgt Ion: 91 Resp: 22610

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.6

134 25.5 12.9 38.6



#90

Hexachloroethane

Concen: 4.348 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032969.D

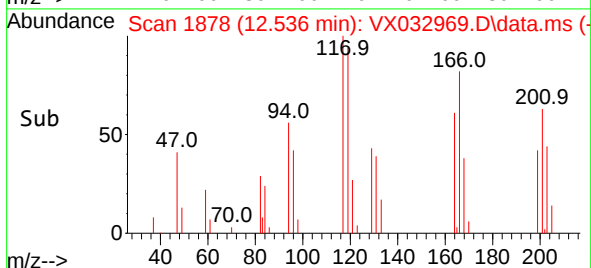
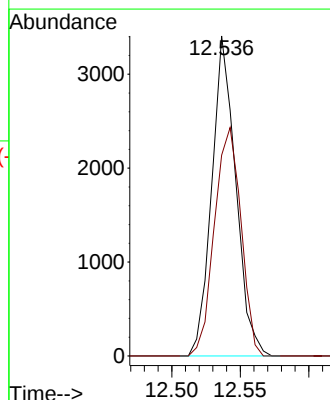
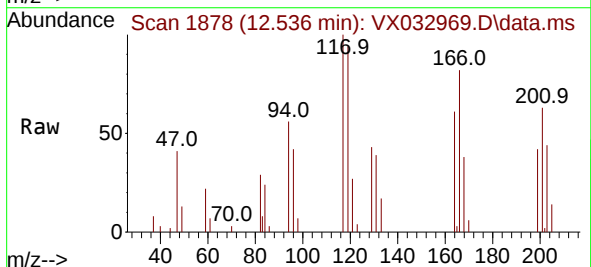
Acq: 22 Nov 2022 09:52

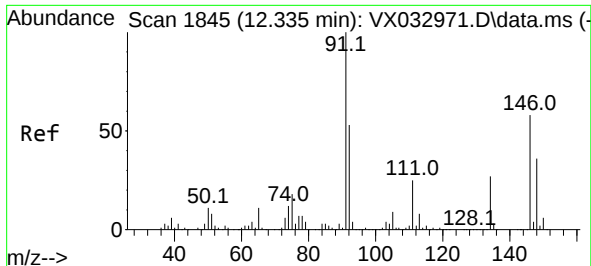
Tgt Ion: 117 Resp: 4143

Ion Ratio Lower Upper

117 100

201 78.9 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 4.811 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

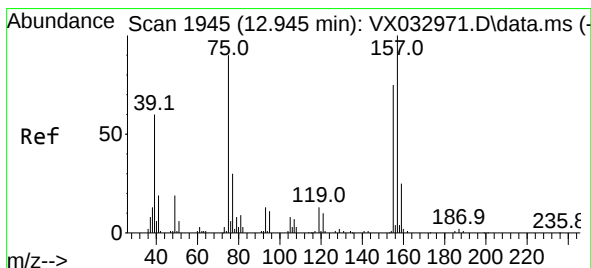
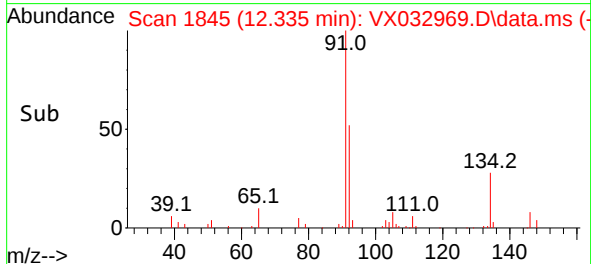
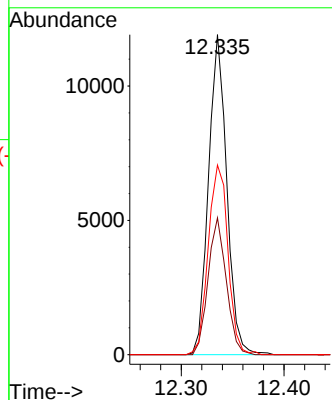
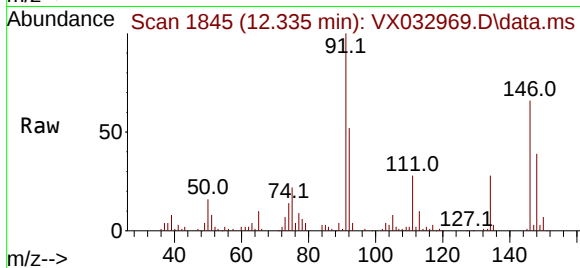
Tgt Ion:146 Resp: 14689

Ion Ratio Lower Upper

146 100

111 42.8 21.5 64.5

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.758 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

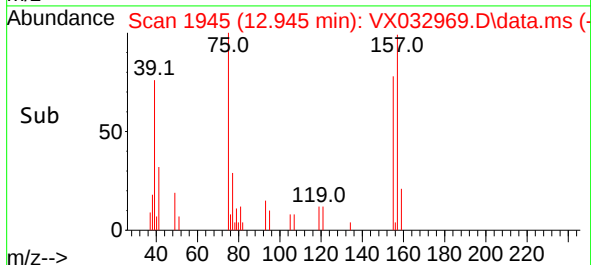
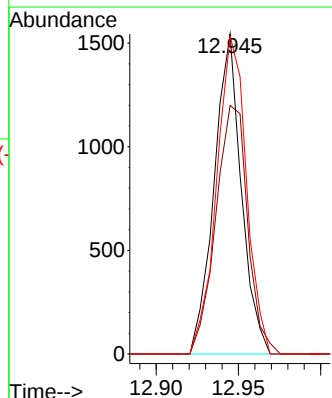
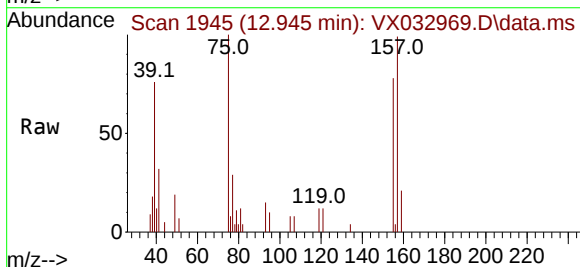
Tgt Ion: 75 Resp: 1771

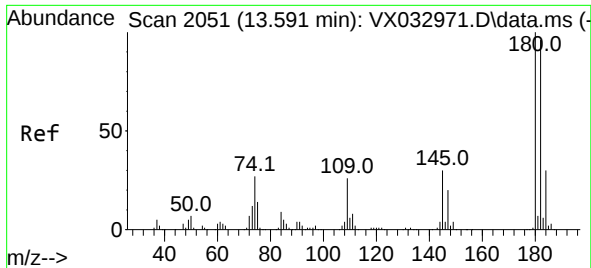
Ion Ratio Lower Upper

75 100

155 91.2 41.6 124.8

157 108.5 54.1 162.4

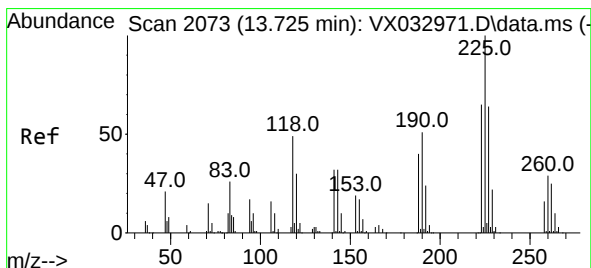
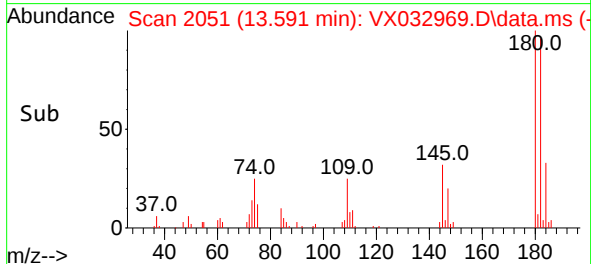
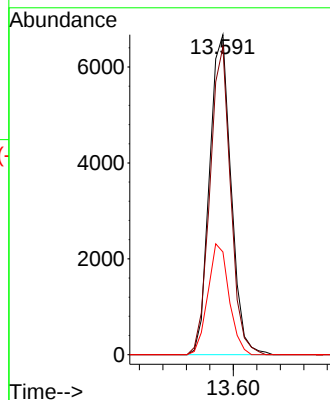
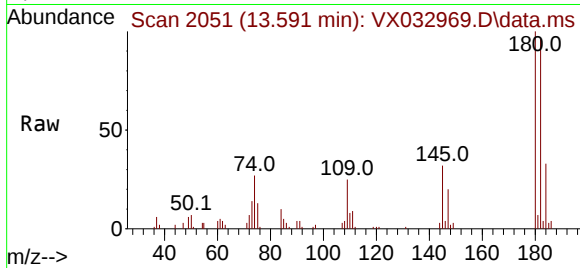




#93
1,2,4-Trichlorobenzene
Concen: 4.260 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

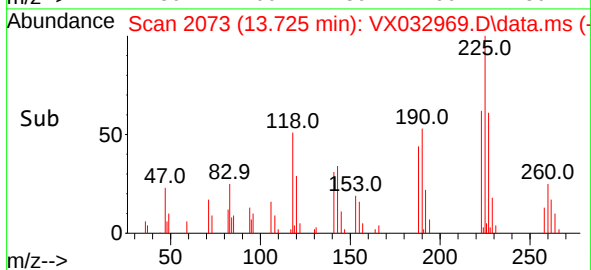
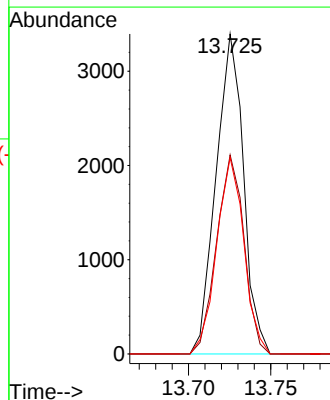
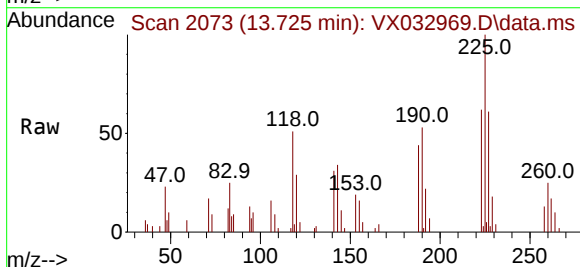
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

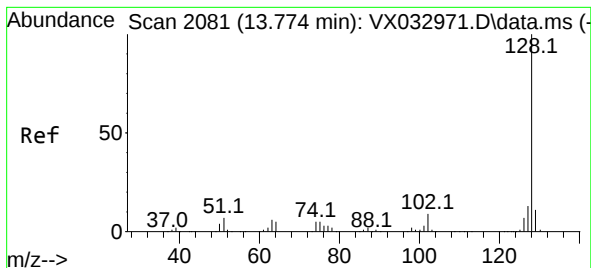
Tgt Ion:180 Resp: 8480
Ion Ratio Lower Upper
180 100
182 92.7 48.4 145.0
145 34.2 16.2 48.5



#94
Hexachlorobutadiene
Concen: 4.740 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032969.D
Acq: 22 Nov 2022 09:52

Tgt Ion:225 Resp: 3941
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.9
227 60.8 31.9 95.5





#95

Naphthalene

Concen: 3.970 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

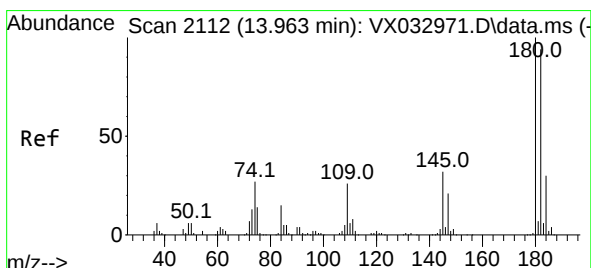
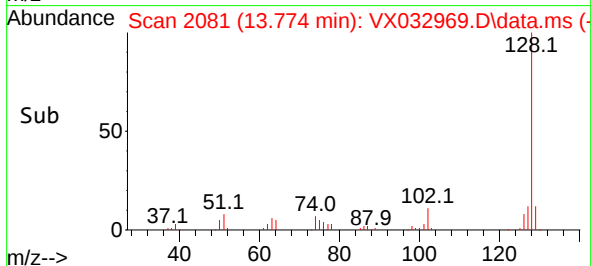
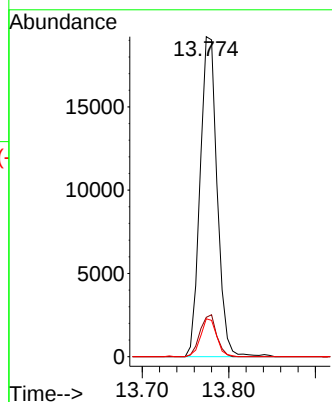
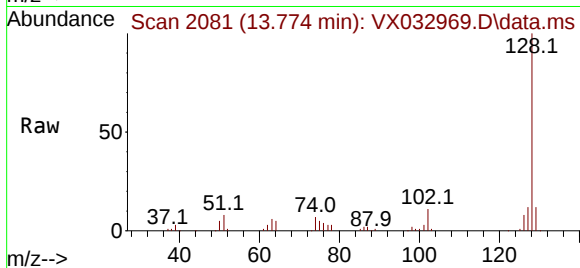
Tgt Ion:128 Resp: 26333

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 4.204 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX032969.D

Acq: 22 Nov 2022 09:52

Tgt Ion:180 Resp: 8507

Ion Ratio Lower Upper

180 100

182 99.5 47.5 142.6

145 33.0 16.9 50.6

