

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035604.D
 Acq On : 11 May 2023 12:33
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 11 13:30:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	210378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	369675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	382068	104.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 208.200%#	
35) Dibromofluoromethane	5.385	113	267448	107.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 214.560%#	
50) Toluene-d8	8.647	98	971831	105.519	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 211.040%#	
62) 4-Bromofluorobenzene	11.079	95	403094	108.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 217.400%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	286171	104.375	ug/l	100
3) Chloromethane	1.295	50	310830	93.419	ug/l	100
4) Vinyl Chloride	1.374	62	288186	102.059	ug/l	98
5) Bromomethane	1.618	94	157831	103.205	ug/l	99
6) Chloroethane	1.691	64	163663	95.541	ug/l	97
7) Trichlorofluoromethane	1.886	101	422178	101.683	ug/l	98
8) Diethyl Ether	2.130	74	158821	99.350	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	248468	100.795	ug/l	96
10) Methyl Iodide	2.453	142	252513	114.534	ug/l	90
11) Tert butyl alcohol	3.002	59	188243	291.476	ug/l	100
12) 1,1-Dichloroethene	2.319	96	239356	102.166	ug/l	89
13) Acrolein	2.239	56	379158	498.664	ug/l	100
14) Allyl chloride	2.660	41	508716	101.355	ug/l	95
15) Acrylonitrile	3.069	53	709698	497.744	ug/l	98
16) Acetone	2.392	43	738363	468.086	ug/l	94
17) Carbon Disulfide	2.514	76	620409	109.725	ug/l	99
18) Methyl Acetate	2.703	43	593343	101.993	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	927128	99.446	ug/l	99
20) Methylene Chloride	2.788	84	277102	96.929	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	261607	101.904	ug/l	95
22) Diisopropyl ether	3.757	45	966639	98.364	ug/l	95
23) Vinyl Acetate	3.721	43	3514270	505.404	ug/l	99
24) 1,1-Dichloroethane	3.611	63	532589	101.334	ug/l	99
25) 2-Butanone	4.562	43	1077624	493.498	ug/l	99
26) 2,2-Dichloropropane	4.477	77	462604	103.939	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	309571	100.312	ug/l	94
28) Bromochloromethane	4.898	49	242466	102.565	ug/l	96
29) Tetrahydrofuran	5.007	42	682122	496.968	ug/l	98
30) Chloroform	5.093	83	541527	100.550	ug/l	98
31) Cyclohexane	5.471	56	467661	100.856	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	487902	104.121	ug/l	99
36) 1,1-Dichloropropene	5.690	75	405009	102.919	ug/l	98
37) Ethyl Acetate	4.715	43	412712	100.550	ug/l	99
38) Carbon Tetrachloride	5.678	117	401513	107.708	ug/l	97
39) Methylcyclohexane	7.379	83	481993	104.051	ug/l	92
40) Benzene	6.038	78	1118311	101.583	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	247660	101.623	ug/l	96
42) 1,2-Dichloroethane	6.086	62	475578	100.425	ug/l	97
43) Isopropyl Acetate	6.336	43	731077	102.143	ug/l	100
44) Trichloroethene	7.123	130	286003	102.458	ug/l	94
45) 1,2-Dichloropropane	7.428	63	301411	103.377	ug/l	99
46) Dibromomethane	7.580	93	205568	103.001	ug/l	96
47) Bromodichloromethane	7.824	83	416156	107.881	ug/l	99
48) Methyl methacrylate	7.690	41	367047	103.912	ug/l	97
49) 1,4-Dioxane	7.726	88	135920	2125.888	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	2063528	500.438	ug/l	99
52) Toluene	8.720	92	701074	100.885	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	474403	113.195	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	497600	110.816	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	279087	102.252	ug/l	99
56) Ethyl methacrylate	9.116	69	465664	105.352	ug/l	97
57) 1,3-Dichloropropane	9.305	76	498660	100.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1146066	509.690	ug/l	100
59) 2-Hexanone	9.433	43	1549171	498.871	ug/l	99
60) Dibromochloromethane	9.519	129	295218	113.470	ug/l	100
61) 1,2-Dibromoethane	9.610	107	296624	103.149	ug/l	100
64) Tetrachloroethene	9.275	164	222783	98.896	ug/l	93
65) Chlorobenzene	10.080	112	734442	100.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	273019	105.712	ug/l	99
67) Ethyl Benzene	10.195	91	1381267	100.551	ug/l	98
68) m/p-Xylenes	10.299	106	1020505	200.979	ug/l	96
69) o-Xylene	10.640	106	505619	100.349	ug/l	95
70) Styrene	10.653	104	850218	104.699	ug/l	98
71) Bromoform	10.799	173	194501	114.460	ug/l #	99
73) Isopropylbenzene	10.964	105	1343248	100.481	ug/l	99
74) N-amyl acetate	10.842	43	626032	100.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	421435	97.182	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	493744	129.924	ug/l	82
77) Bromobenzene	11.195	156	302621	99.736	ug/l	93
78) n-propylbenzene	11.305	91	1598461	101.720	ug/l	99
79) 2-Chlorotoluene	11.366	91	974794	99.079	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1149260	101.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	137749	114.405	ug/l	94
82) 4-Chlorotoluene	11.451	91	1134517	100.128	ug/l	98
83) tert-Butylbenzene	11.713	119	1115053	100.962	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1159082	101.599	ug/l	97
85) sec-Butylbenzene	11.890	105	1416606	102.158	ug/l	99
86) p-Isopropyltoluene	12.006	119	1197078	105.005	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	589506	102.274	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	587437	100.927	ug/l	99
89) n-Butylbenzene	12.329	91	1108633	106.902	ug/l	99
90) Hexachloroethane	12.536	117	196944	113.978	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	560183	99.245	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	101651	105.266	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	353362	103.972	ug/l	97
94) Hexachlorobutadiene	13.725	225	136420	101.128	ug/l	100
95) Naphthalene	13.774	128	1181587	101.521	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	339090	101.447	ug/l	99

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QLast Update : Thu May 11 13:25:30 2023
Response via : Initial Calibration

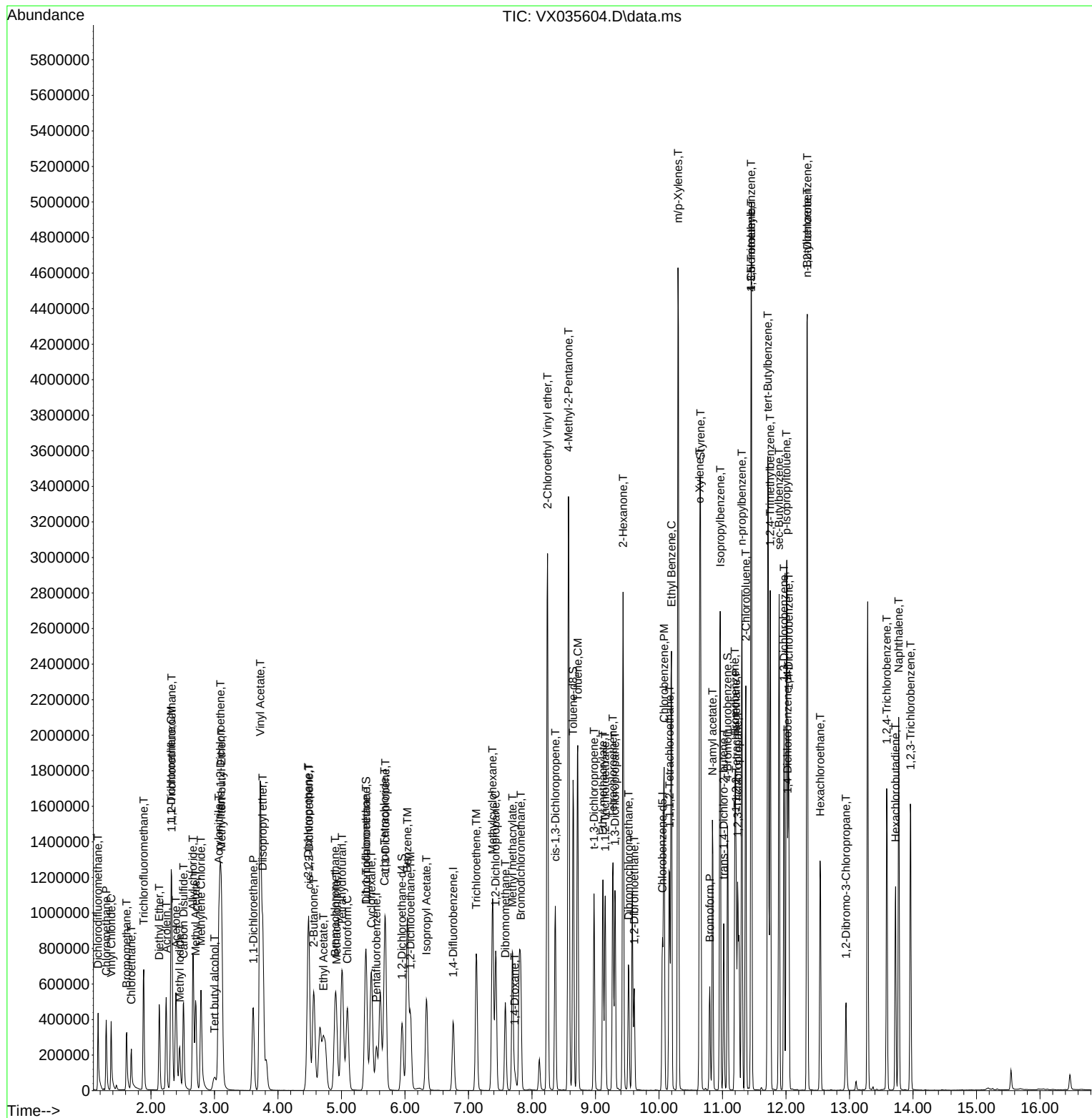
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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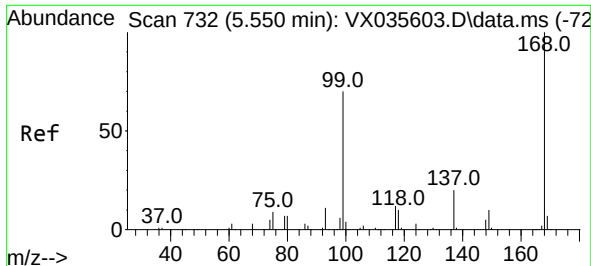
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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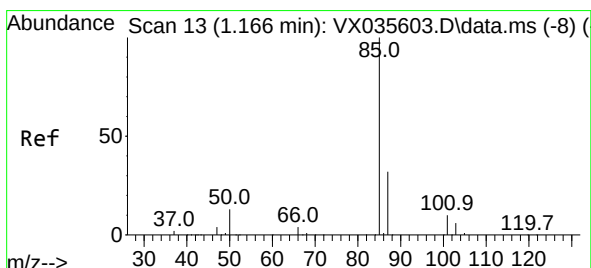
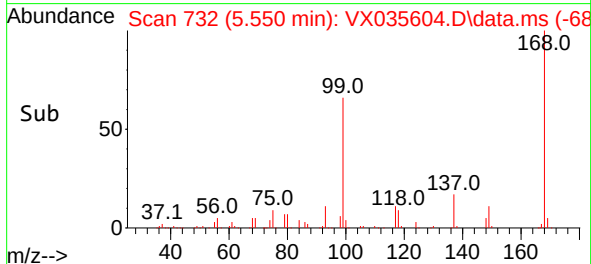
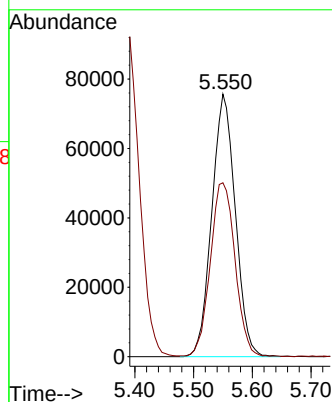
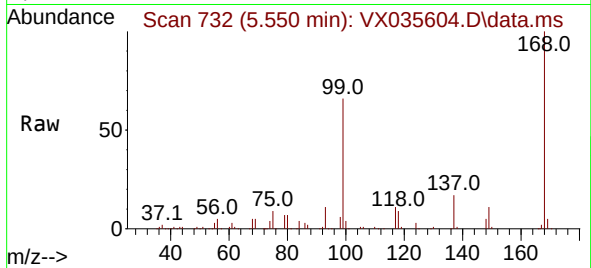




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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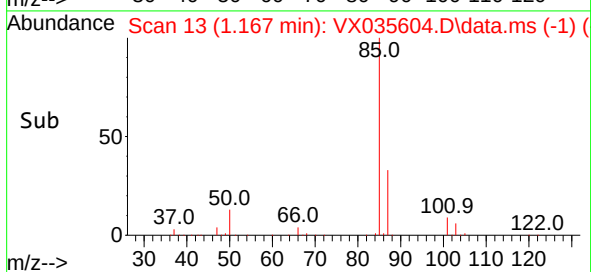
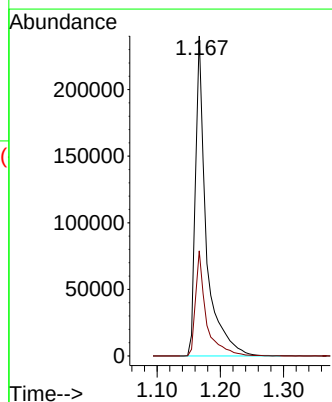
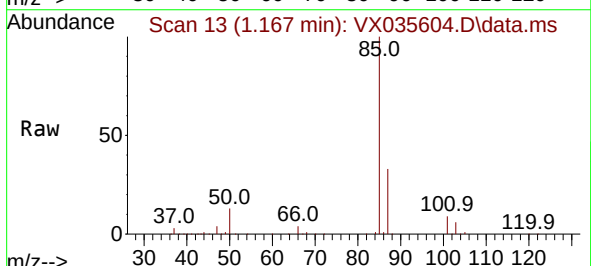
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

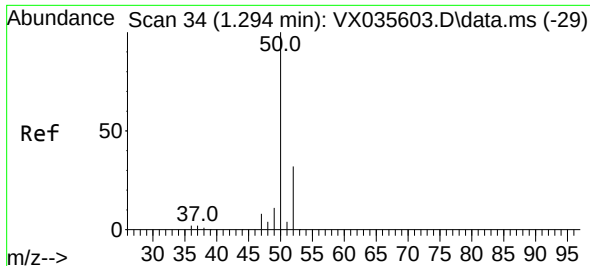
Tgt Ion:168 Resp: 210378
Ion Ratio Lower Upper
168 100
99 66.0 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 104.375 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 85 Resp: 286171
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1

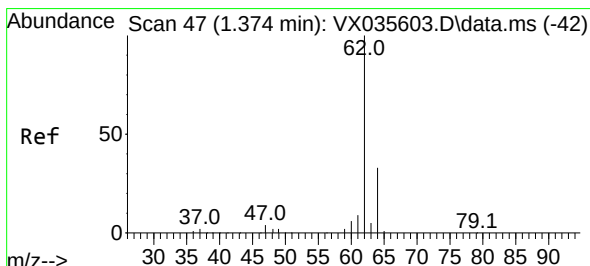
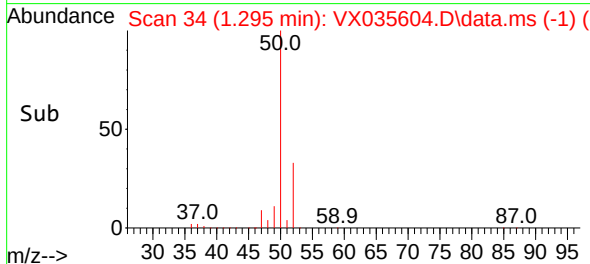
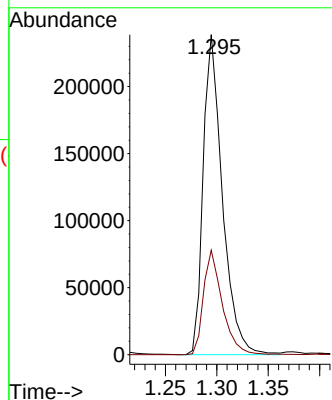
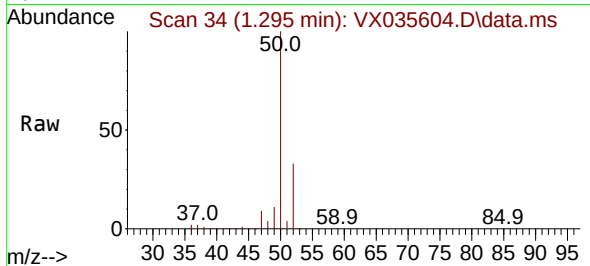




#3
Chloromethane
Concen: 93.419 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

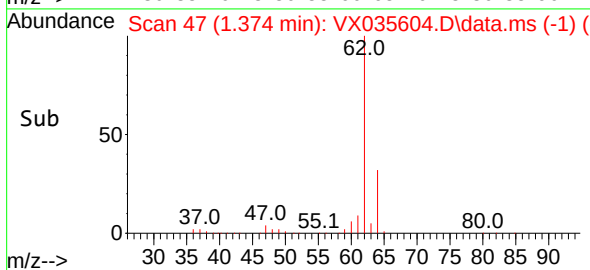
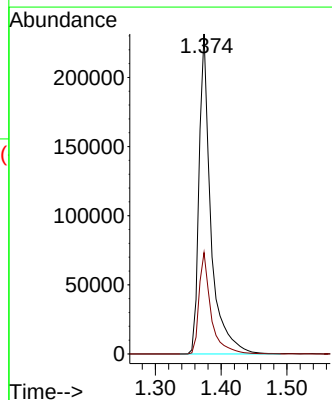
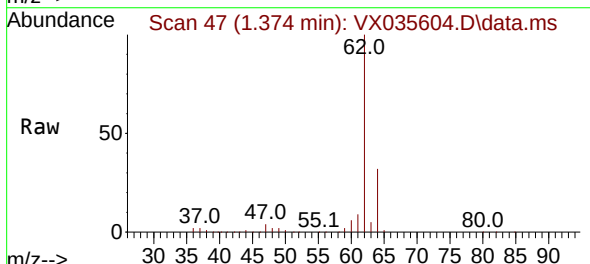
Instrument :
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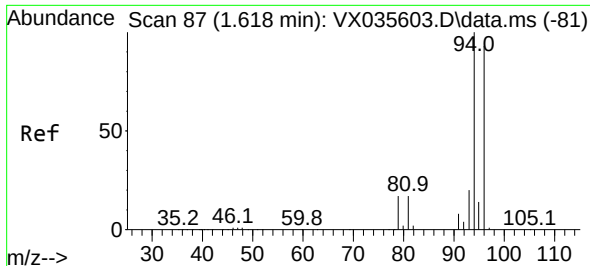
Tgt Ion: 50 Resp: 310830
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9



#4
Vinyl Chloride
Concen: 102.059 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 62 Resp: 288186
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6

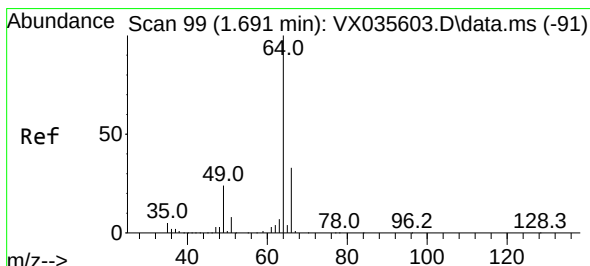
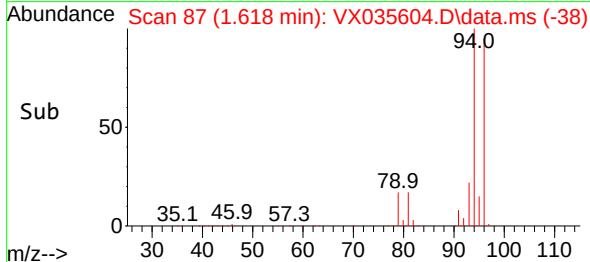
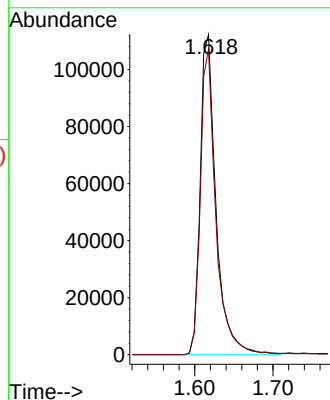
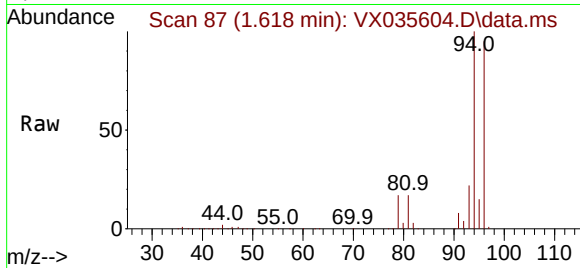




#5
Bromomethane
Concen: 103.205 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035604.D
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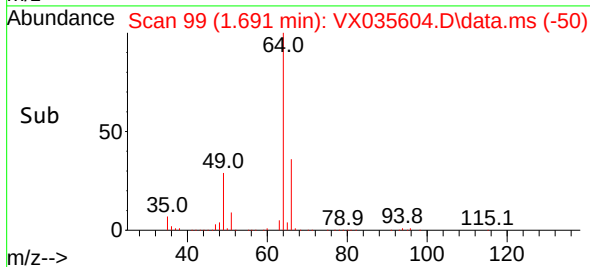
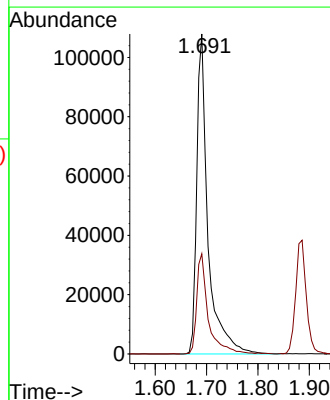
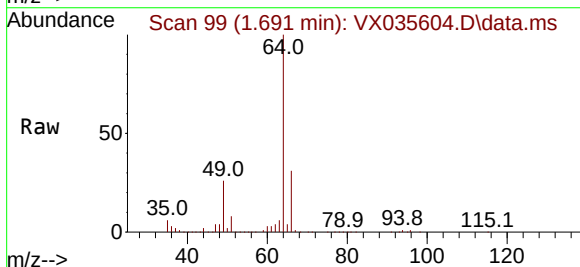
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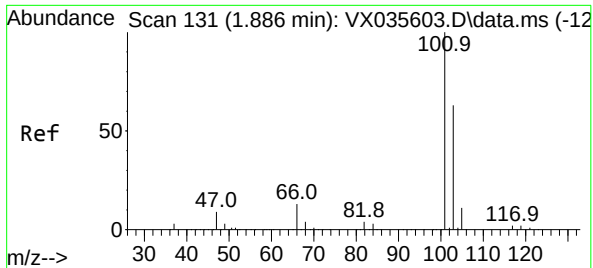
Tgt Ion: 94 Resp: 157831
Ion Ratio Lower Upper
94 100
96 95.5 77.0 115.6



#6
Chloroethane
Concen: 95.541 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035604.D
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Tgt Ion: 64 Resp: 163663
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4

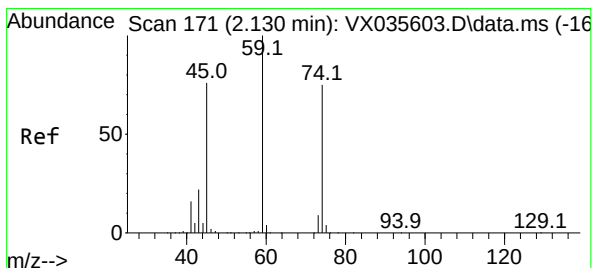
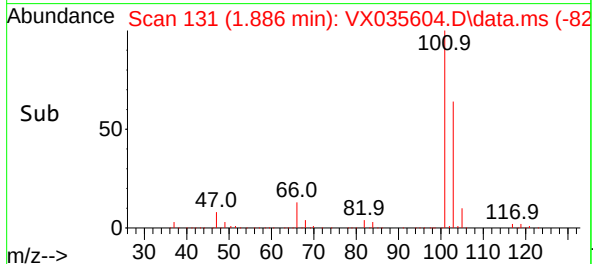
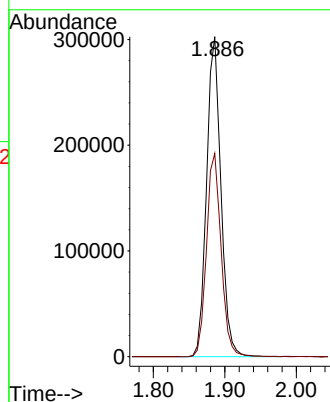
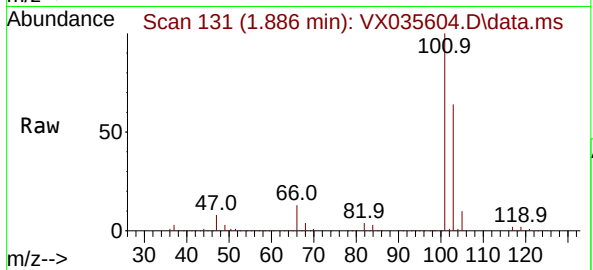




#7
 Trichlorofluoromethane
 Concen: 101.683 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035604.D
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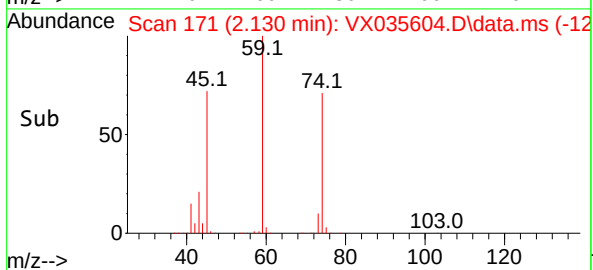
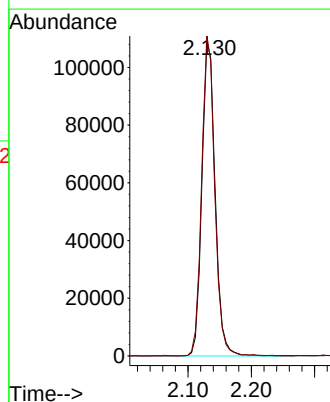
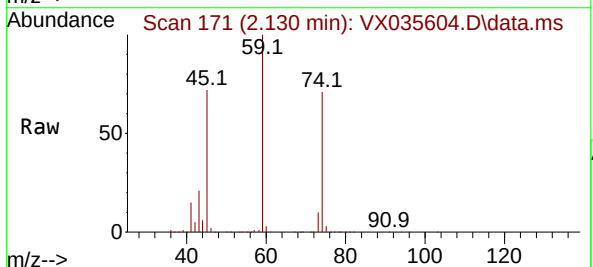
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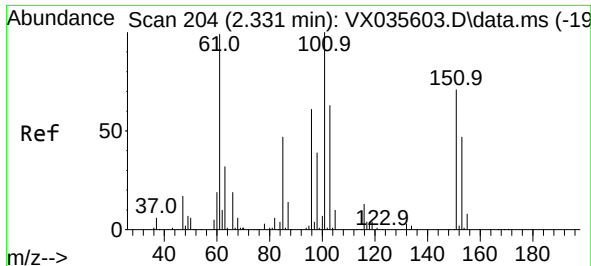
Tgt Ion:101 Resp: 422178
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.0 78.0



#8
 Diethyl Ether
 Concen: 99.350 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 158821
 Ion Ratio Lower Upper
 74 100
 45 100.7 49.8 149.3

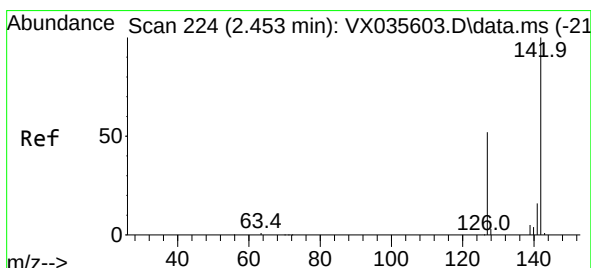
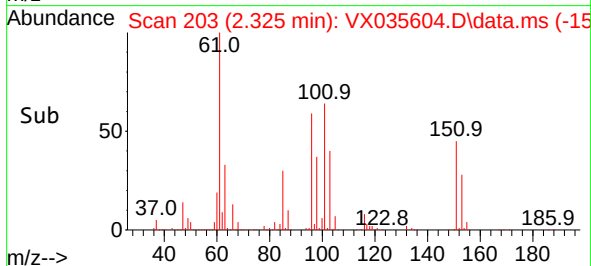
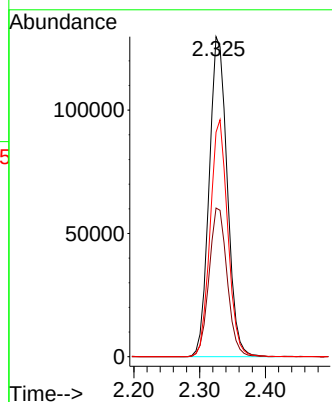
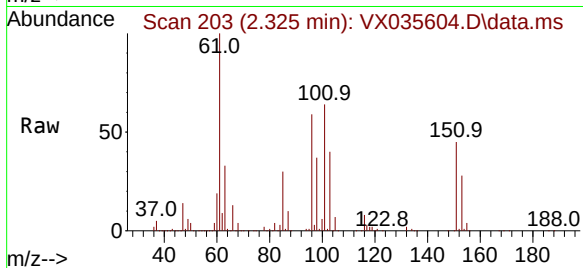




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.795 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

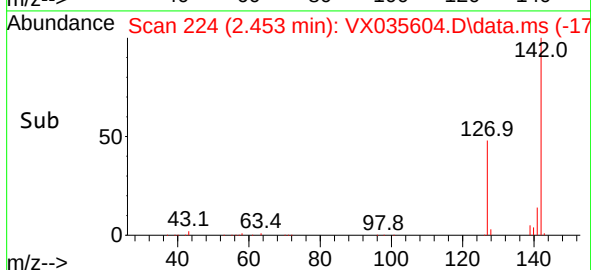
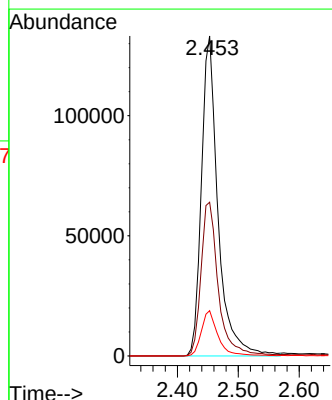
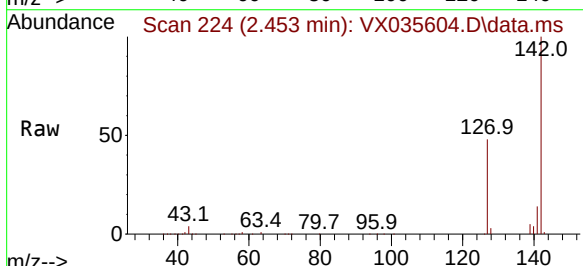
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

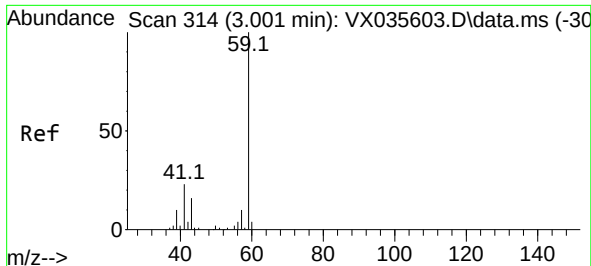
Tgt Ion:101 Resp: 248468
Ion Ratio Lower Upper
101 100
85 46.6 35.4 53.2
151 72.2 60.2 90.4



#10
Methyl Iodide
Concen: 114.534 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:142 Resp: 252513
Ion Ratio Lower Upper
142 100
127 50.4 34.0 51.0
141 14.3 11.1 16.7

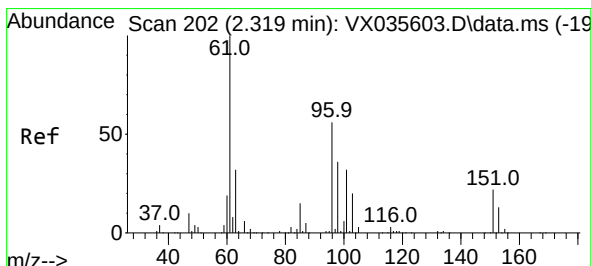
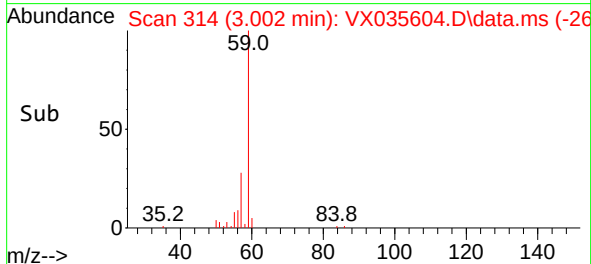
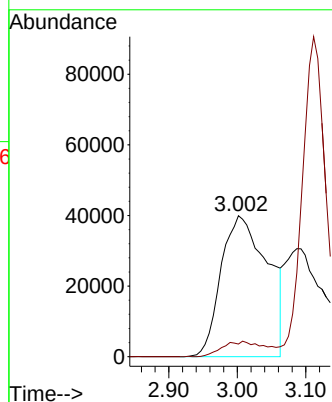
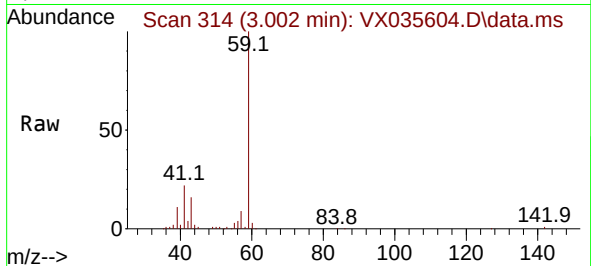




#11
Tert butyl alcohol
Concen: 291.476 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.001 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

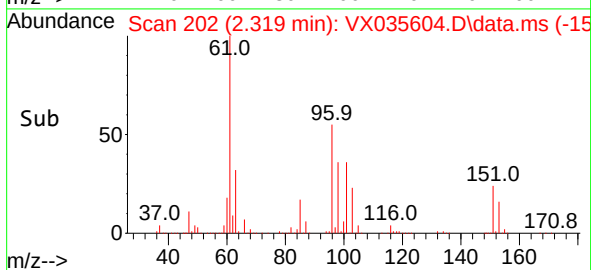
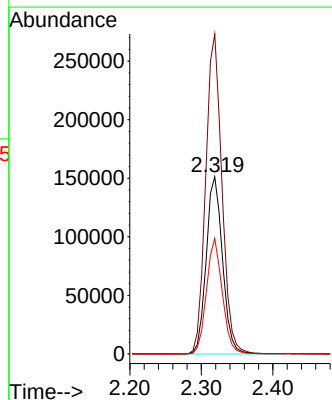
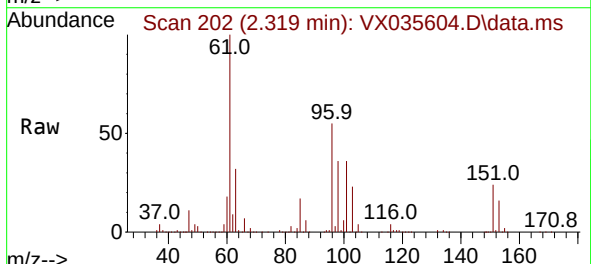
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

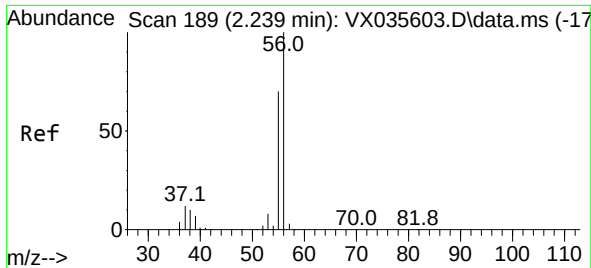
Tgt Ion: 59 Resp: 188243
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 102.166 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 96 Resp: 239356
Ion Ratio Lower Upper
96 100
61 180.8 128.8 193.2
98 65.3 51.4 77.0

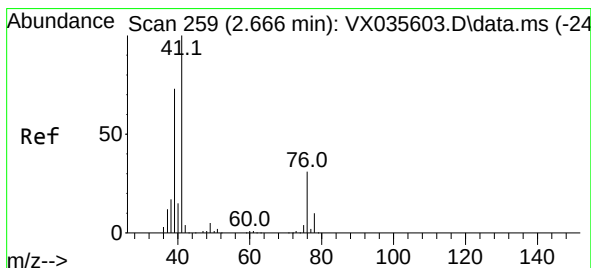
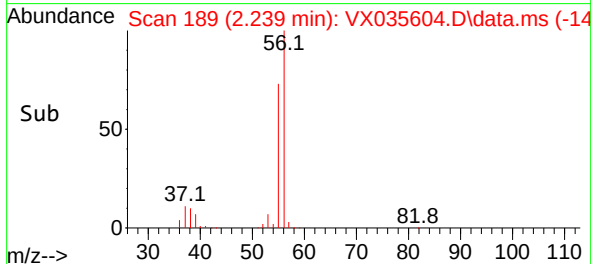
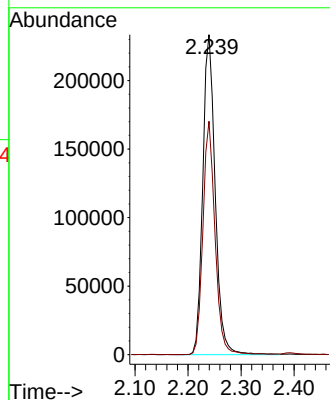
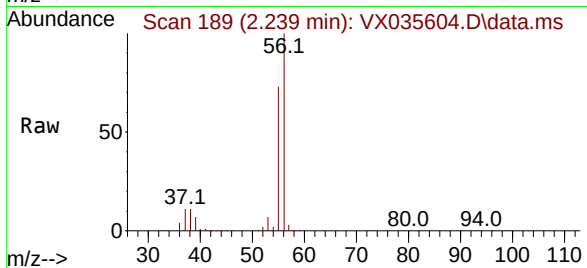




#13
Acrolein
Concen: 498.664 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

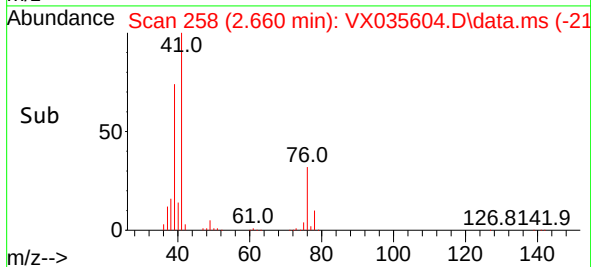
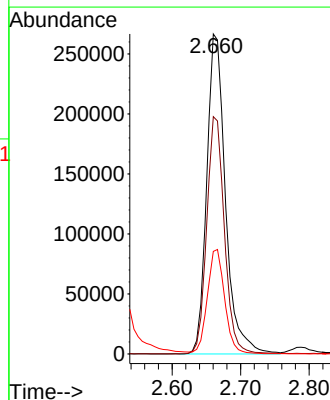
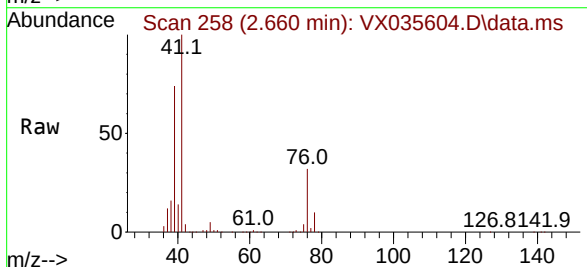
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

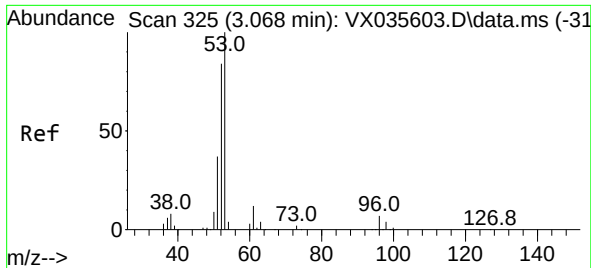
Tgt Ion: 56 Resp: 379158
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0



#14
Allyl chloride
Concen: 101.355 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 41 Resp: 508716
Ion Ratio Lower Upper
41 100
39 70.1 52.4 78.6
76 30.3 26.0 39.0

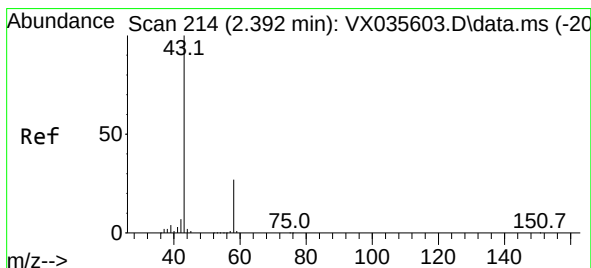
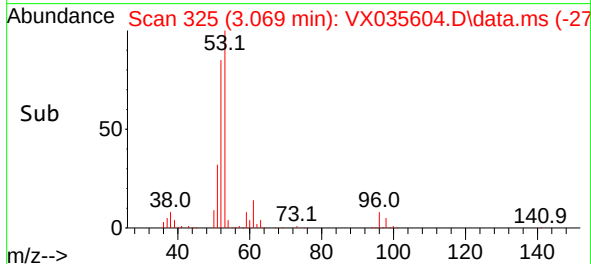
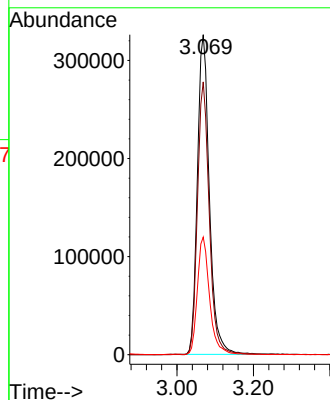
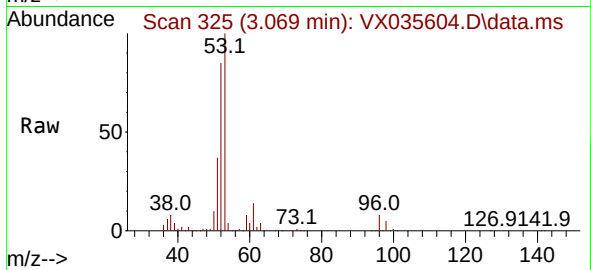




#15
Acrylonitrile
Concen: 497.744 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

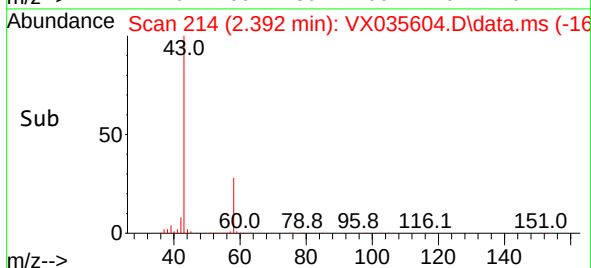
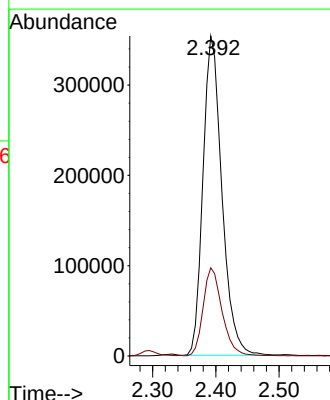
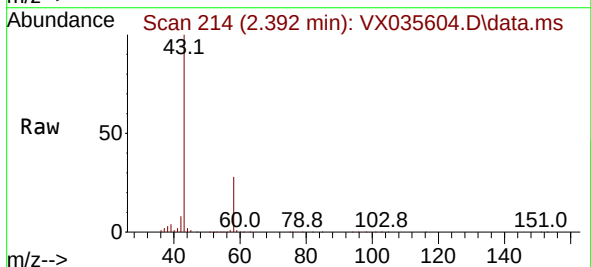
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

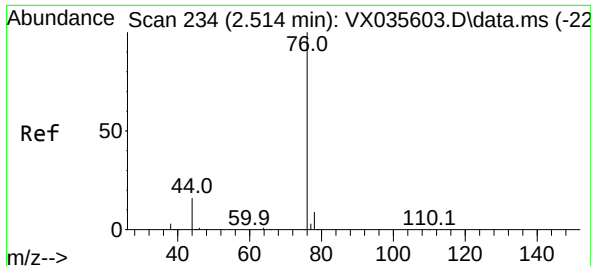
Tgt Ion: 53 Resp: 709698
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.4 28.3 42.5



#16
Acetone
Concen: 468.086 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 43 Resp: 738363
Ion Ratio Lower Upper
43 100
58 27.5 24.7 37.1

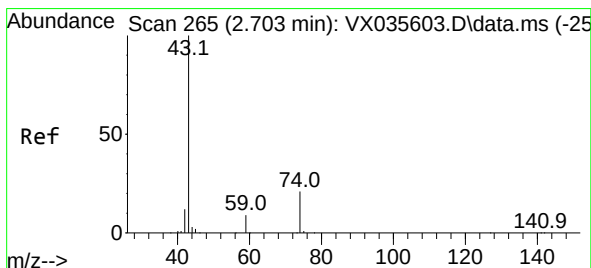
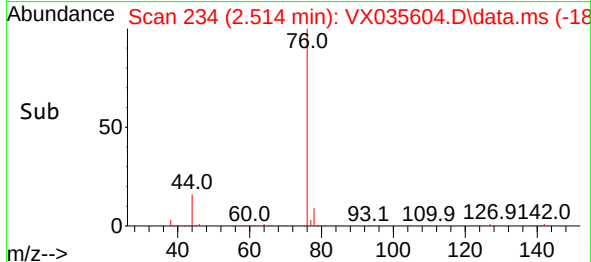
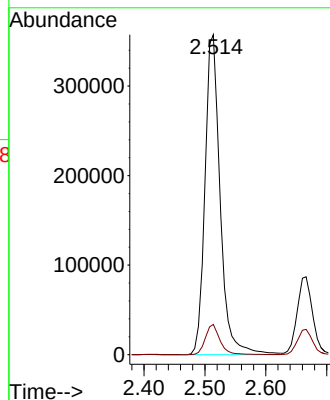
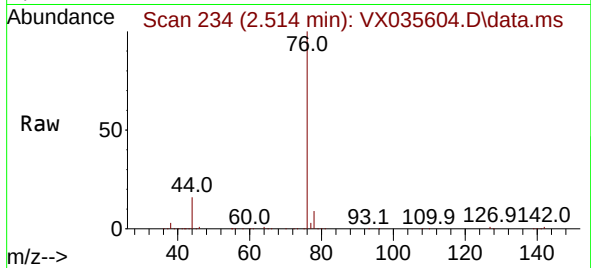




#17
Carbon Disulfide
Concen: 109.725 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

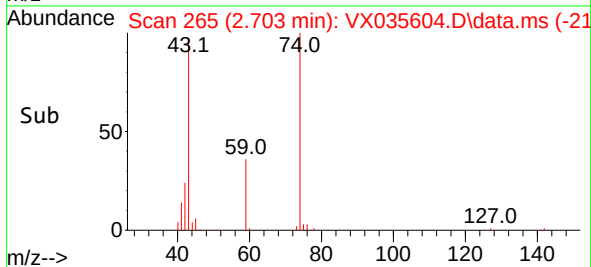
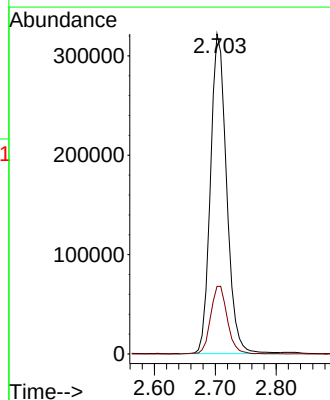
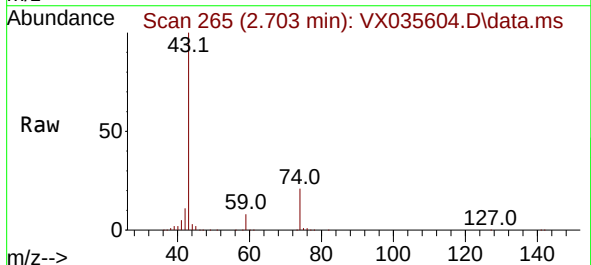
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

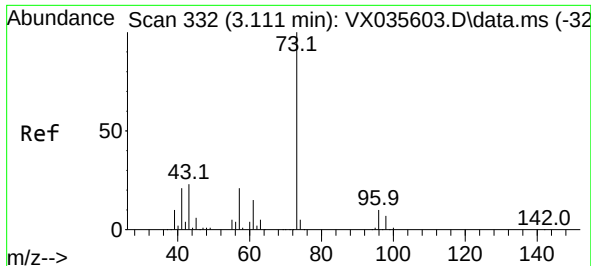
Tgt Ion: 76 Resp: 620409
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 101.993 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 43 Resp: 593343
Ion Ratio Lower Upper
43 100
74 22.0 18.3 27.5

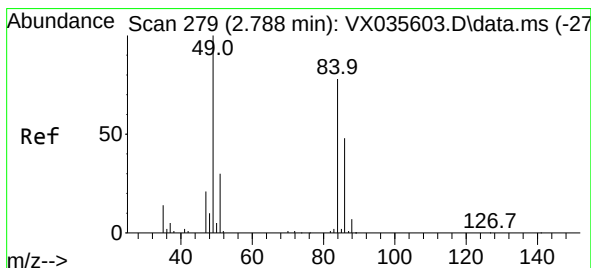
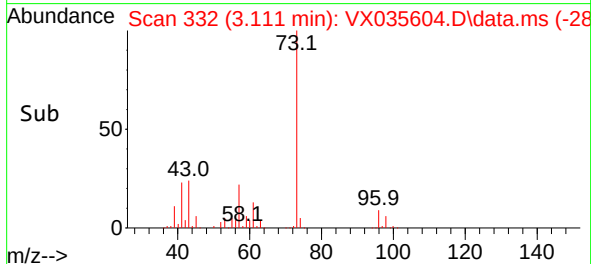
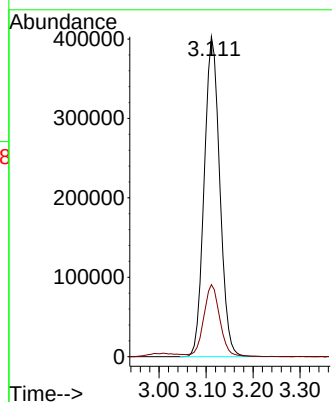
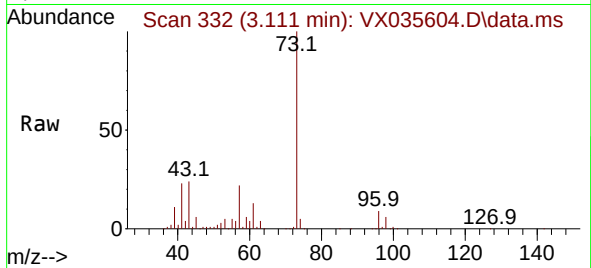




#19
Methyl tert-butyl Ether
Concen: 99.446 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

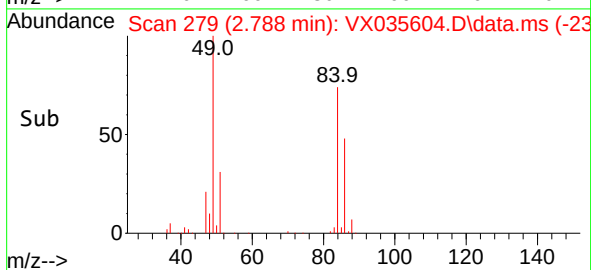
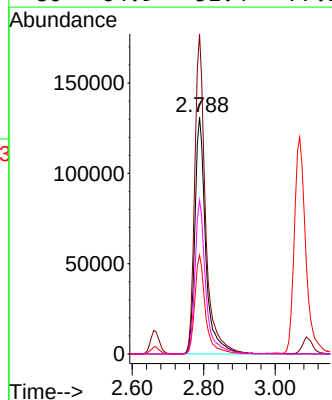
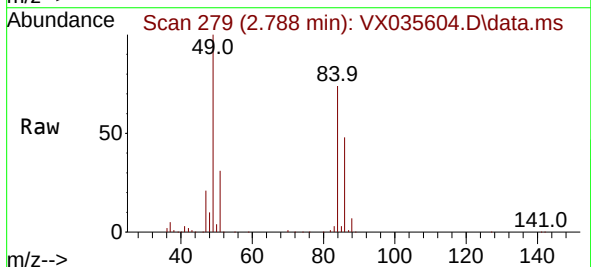
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

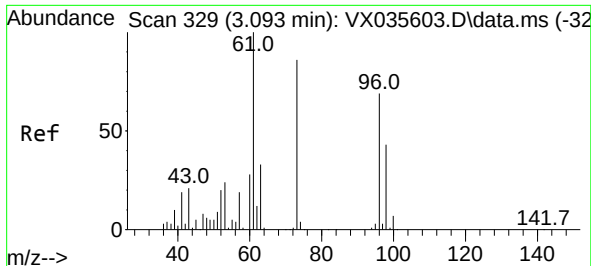
Tgt Ion: 73 Resp: 927128
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7



#20
Methylene Chloride
Concen: 96.929 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 84 Resp: 277102
Ion Ratio Lower Upper
84 100
49 135.1 103.8 155.8
51 41.7 31.8 47.8
86 64.9 51.4 77.2

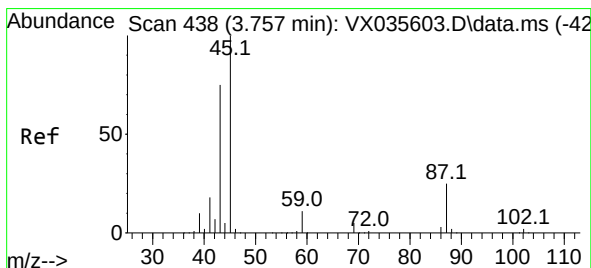
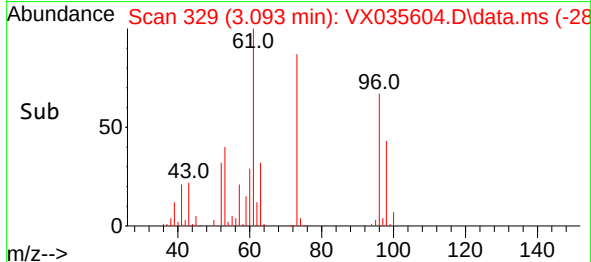
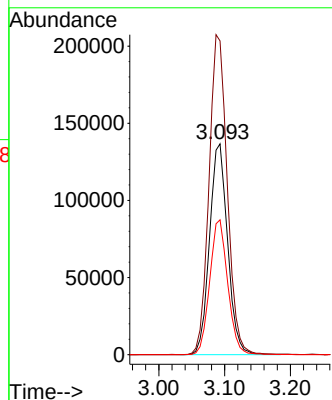
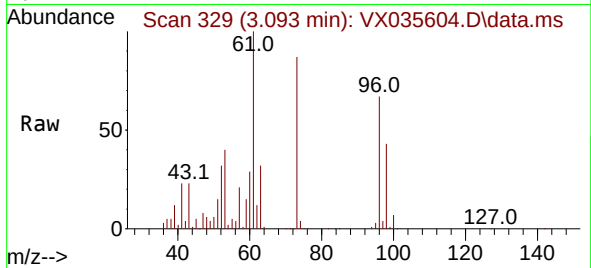




#21
trans-1,2-Dichloroethene
Concen: 101.904 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

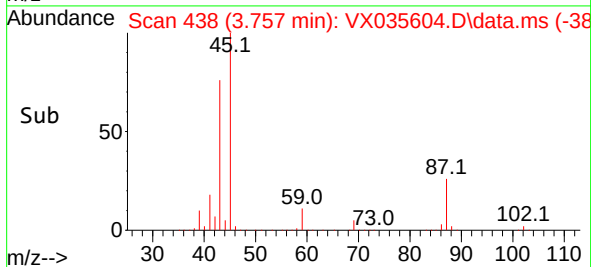
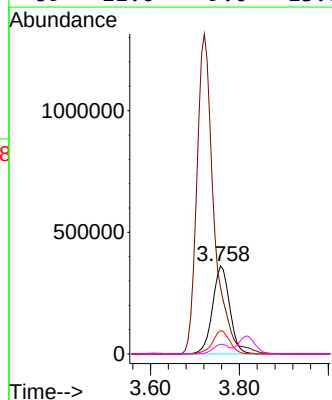
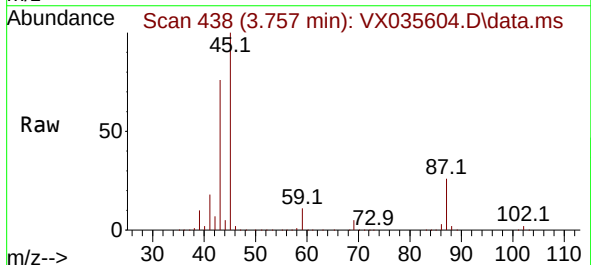
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

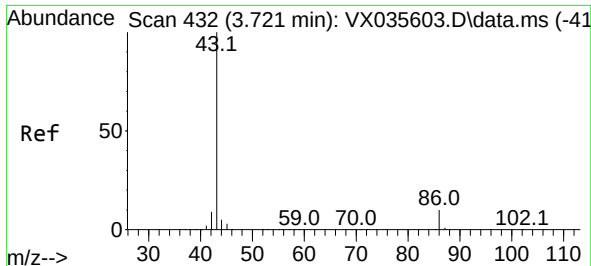
Tgt Ion: 96 Resp: 261607
Ion Ratio Lower Upper
96 100
61 148.7 113.0 169.6
98 64.0 52.1 78.1



#22
Diisopropyl ether
Concen: 98.364 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 45 Resp: 966639
Ion Ratio Lower Upper
45 100
43 75.6 65.4 98.2
87 26.4 20.6 31.0
59 11.0 9.0 13.6

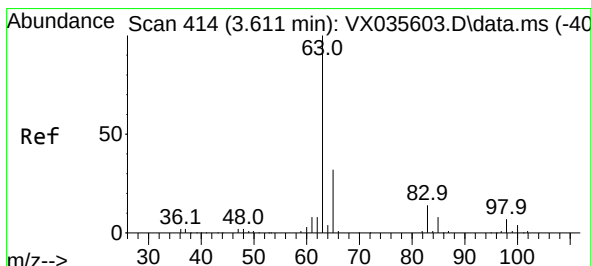
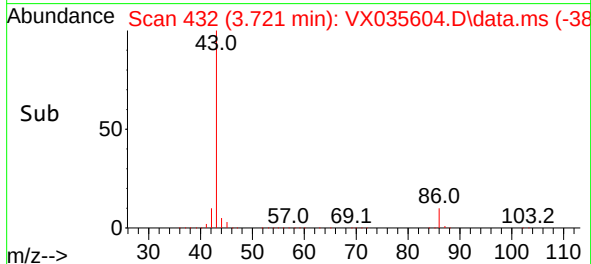
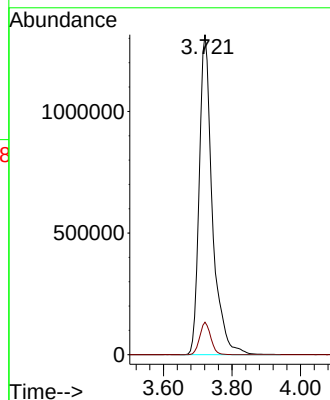
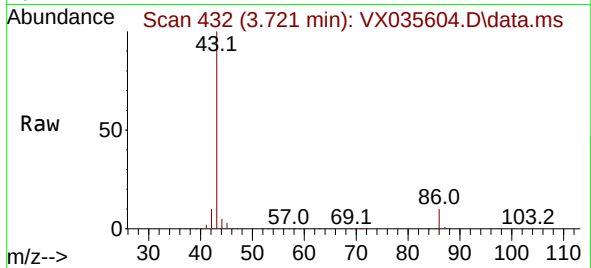




#23
 Vinyl Acetate
 Concen: 505.404 ug/l
 RT: 3.721 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

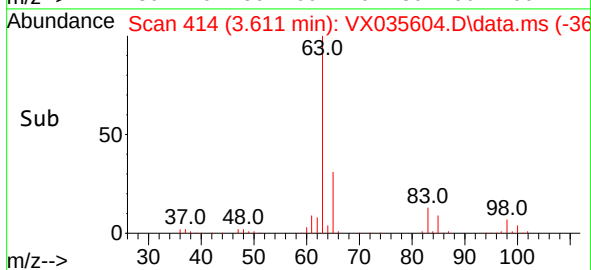
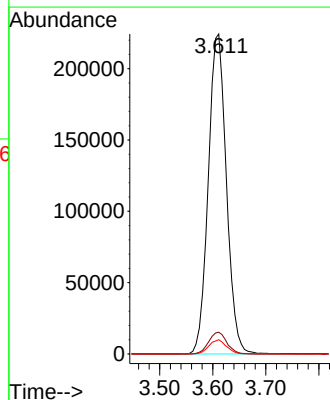
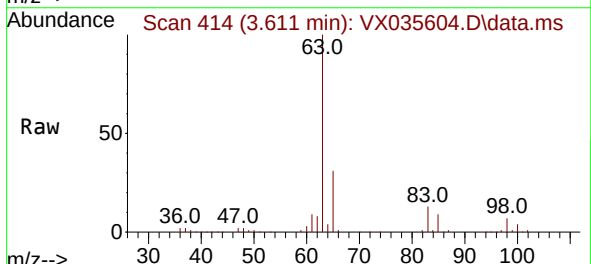
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

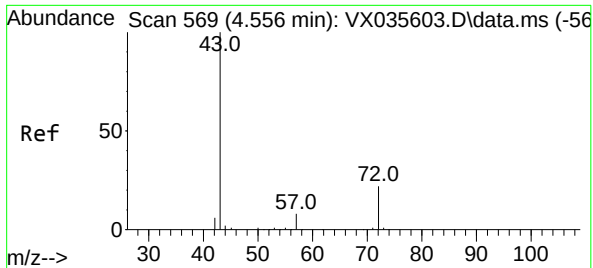
Tgt Ion: 43 Resp: 3514270
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 101.334 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

Tgt Ion: 63 Resp: 532589
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.5 2.4 7.1

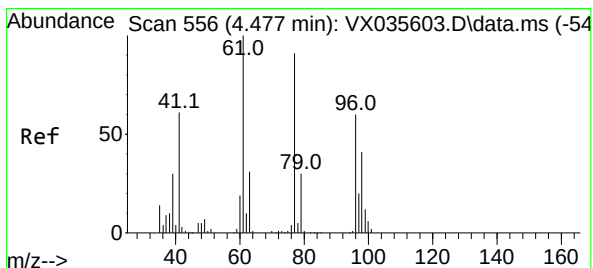
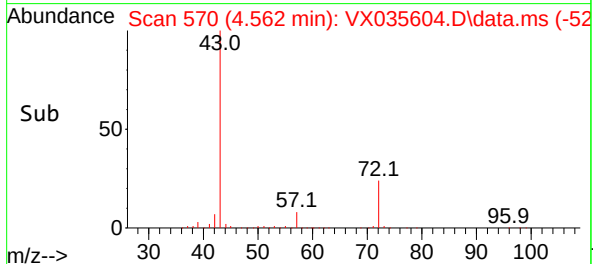
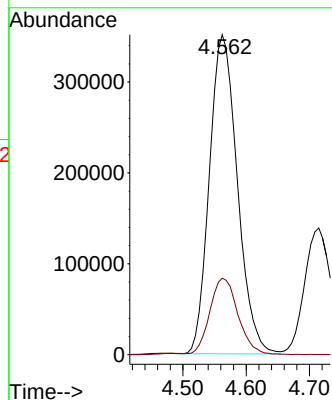
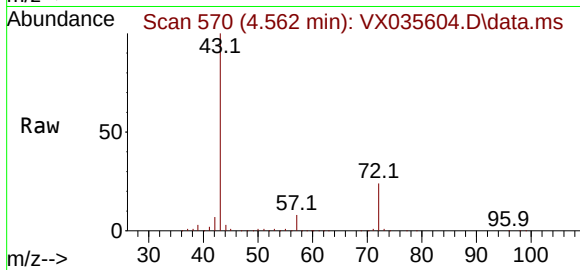




#25
2-Butanone
Concen: 493.498 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

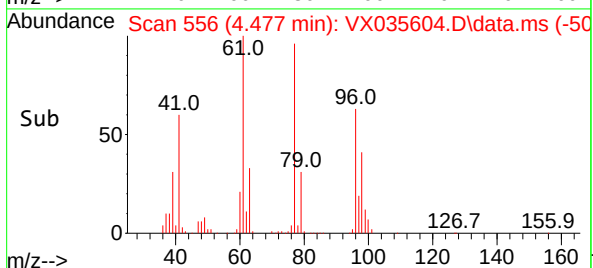
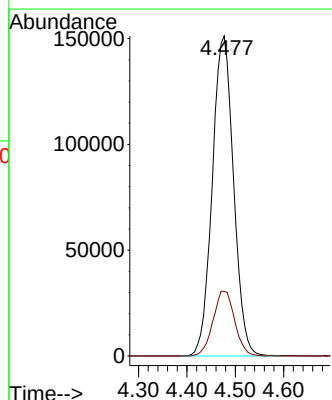
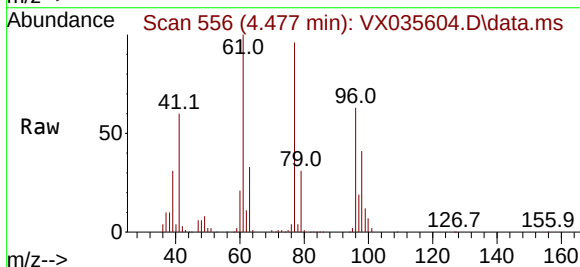
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ClientSampleId :
VSTDICC100

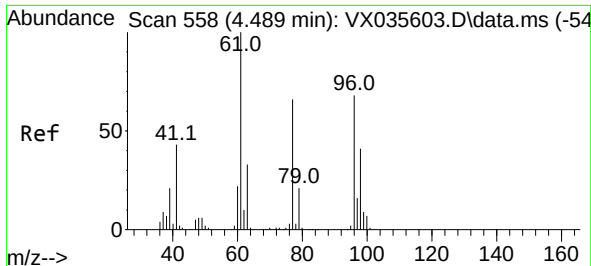
Tgt Ion: 43 Resp: 1077624
Ion Ratio Lower Upper
43 100
72 23.8 19.3 28.9



#26
2,2-Dichloropropane
Concen: 103.939 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 77 Resp: 462604
Ion Ratio Lower Upper
77 100
97 20.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 100.312 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

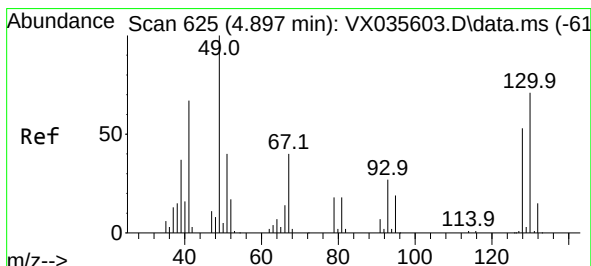
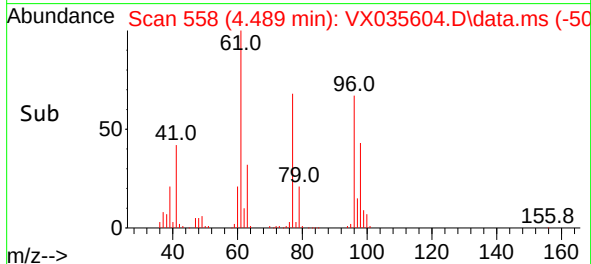
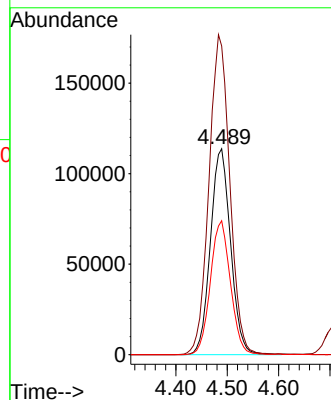
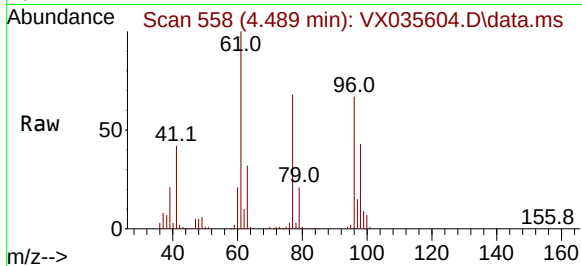
Tgt Ion: 96 Resp: 309571

Ion Ratio Lower Upper

96 100

61 160.7 0.0 300.4

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 102.565 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

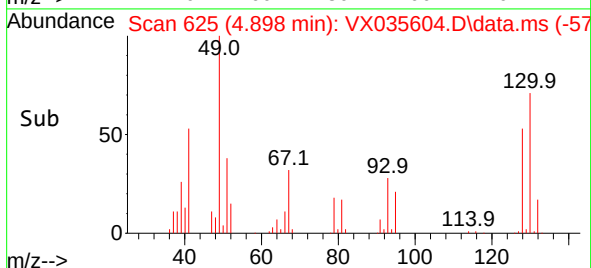
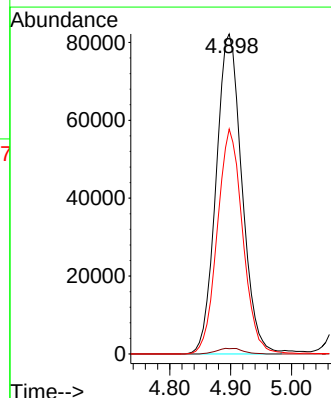
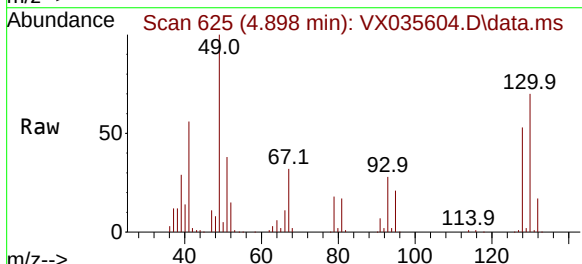
Tgt Ion: 49 Resp: 242466

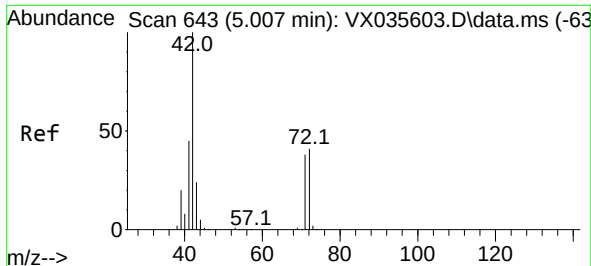
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 69.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 496.968 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

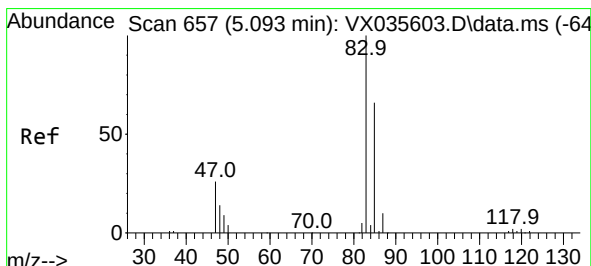
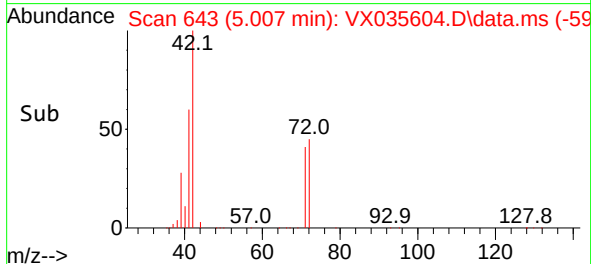
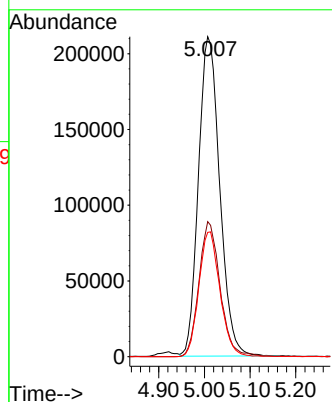
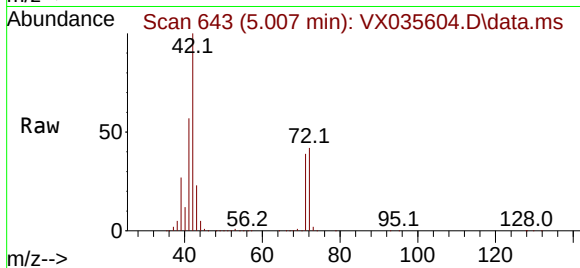
Tgt Ion: 42 Resp: 682122

Ion Ratio Lower Upper

42 100

72 42.1 34.5 51.7

71 38.8 32.1 48.1



#30

Chloroform

Concen: 100.550 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035604.D

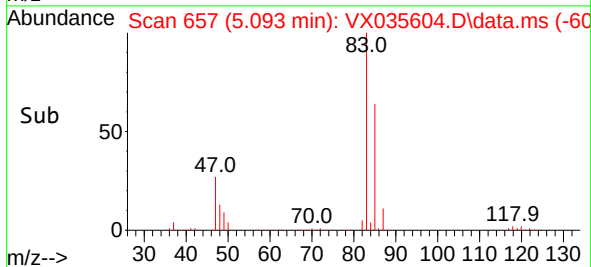
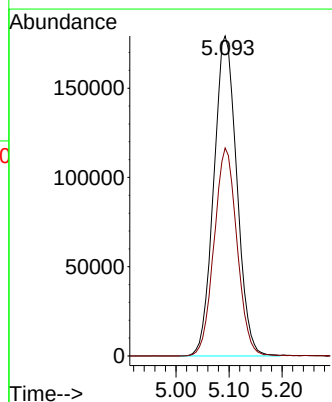
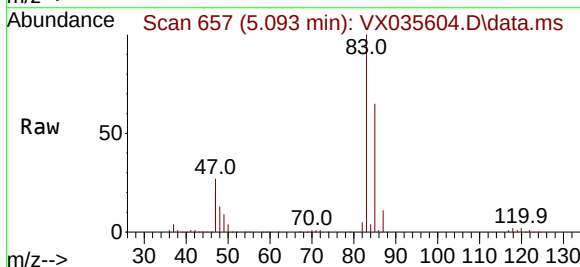
Acq: 11 May 2023 12:33

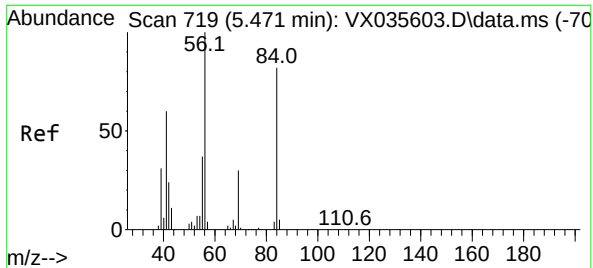
Tgt Ion: 83 Resp: 541527

Ion Ratio Lower Upper

83 100

85 65.0 50.6 76.0

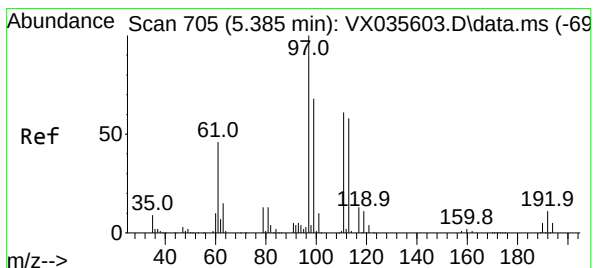
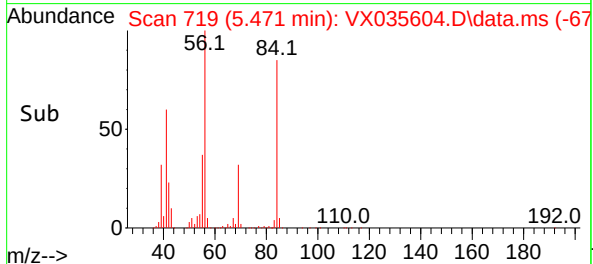
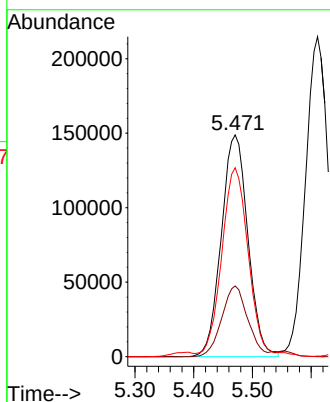
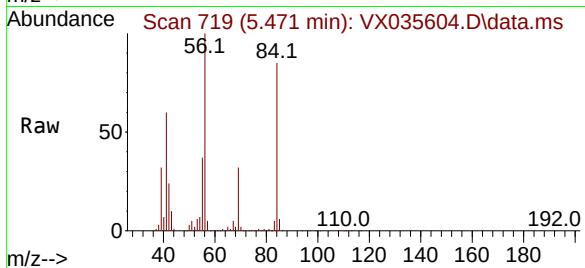




#31
Cyclohexane
Concen: 100.856 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

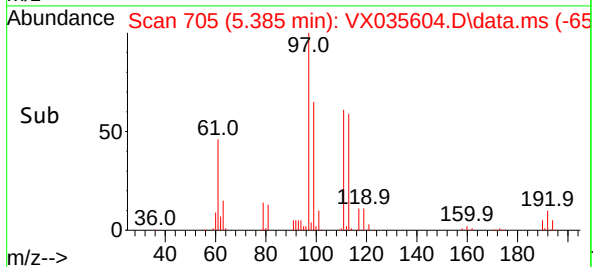
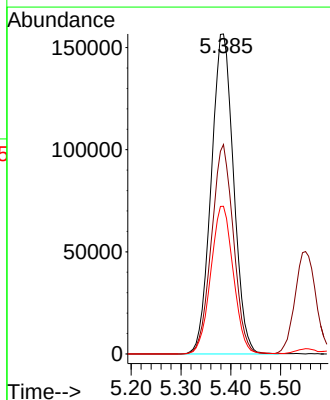
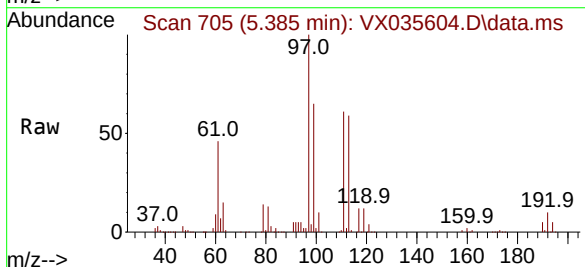
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

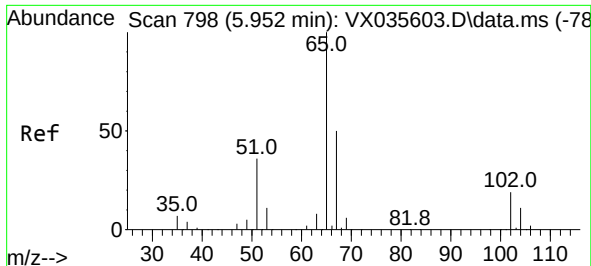
Tgt Ion: 56 Resp: 467661
Ion Ratio Lower Upper
56 100
69 31.9 23.7 35.5
84 83.4 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 104.121 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 97 Resp: 487902
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 46.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 104.102 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

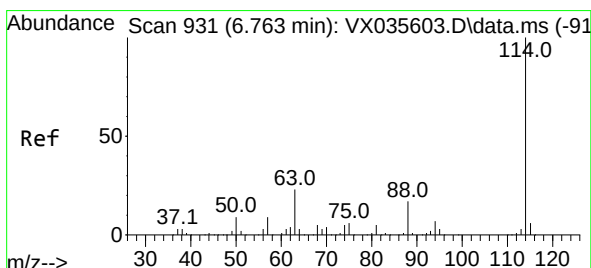
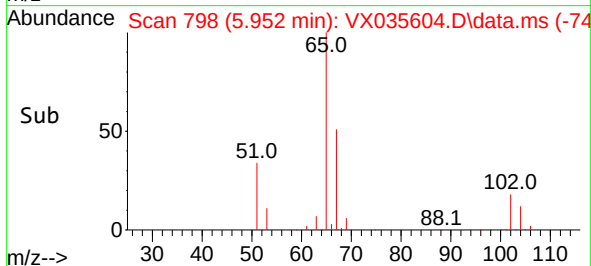
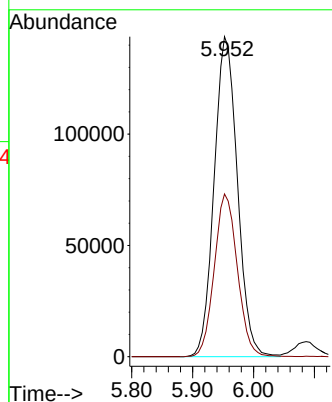
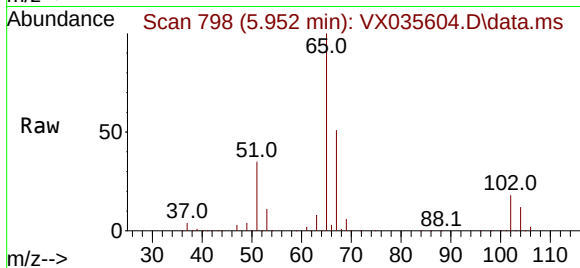
VSTDIC100

Tgt Ion: 65 Resp: 382068

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

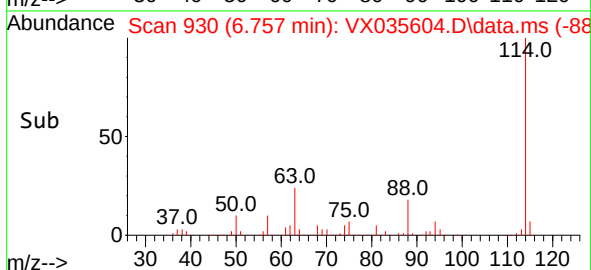
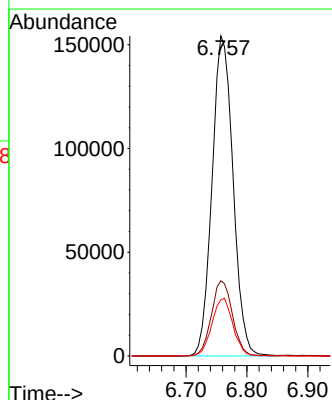
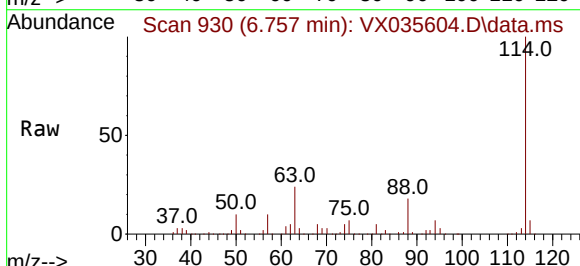
Tgt Ion: 114 Resp: 369675

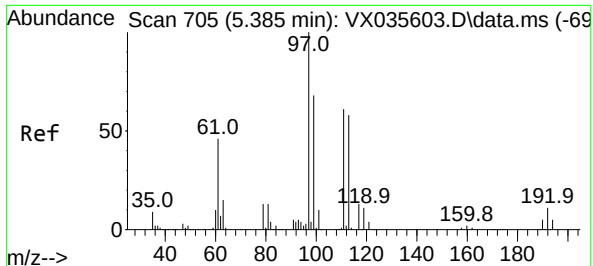
Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

88 17.6 0.0 33.2

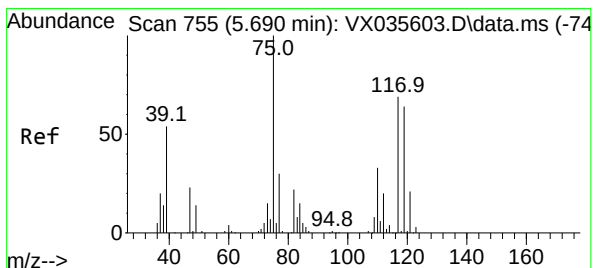
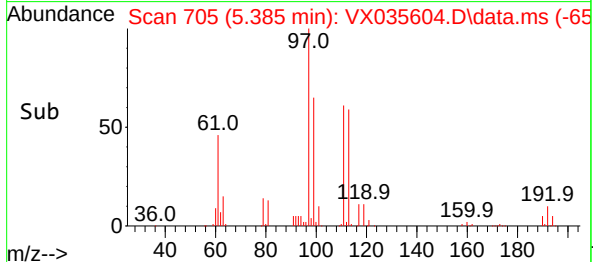
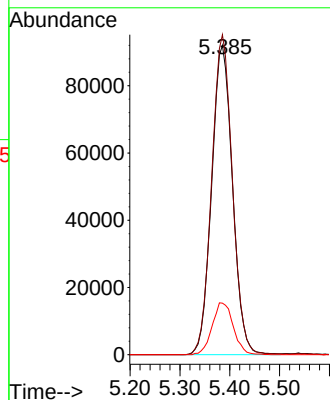
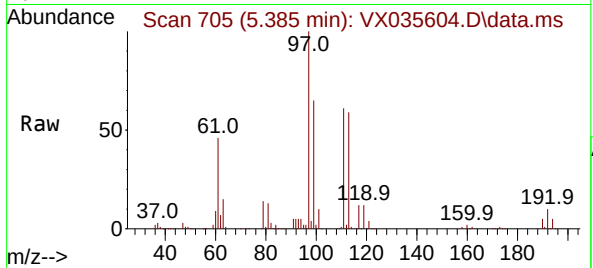




#35
 Dibromofluoromethane
 Concen: 107.276 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

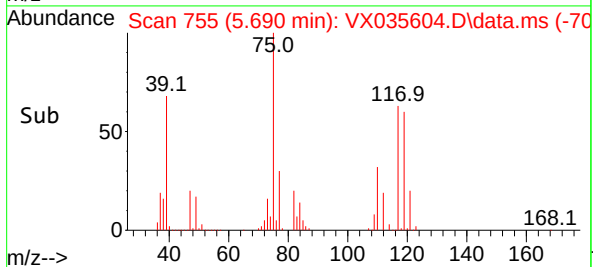
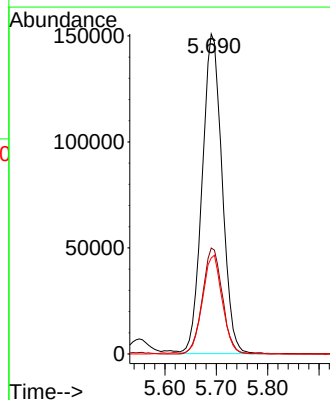
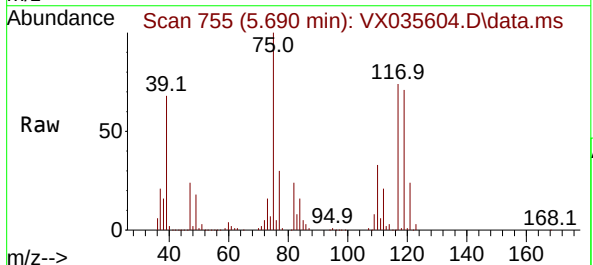
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

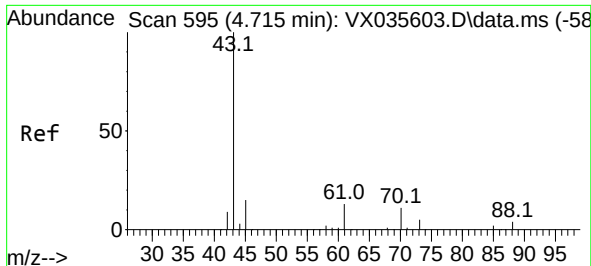
Tgt Ion:113 Resp: 267448
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.7 125.5
 192 17.0 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 102.919 ug/l
 RT: 5.690 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

Tgt Ion: 75 Resp: 405009
 Ion Ratio Lower Upper
 75 100
 110 33.1 17.5 52.5
 77 30.5 24.3 36.5





#37

Ethyl Acetate

Concen: 100.550 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

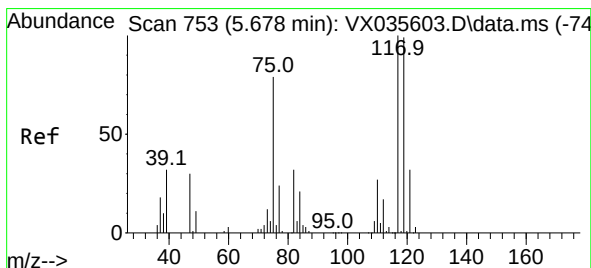
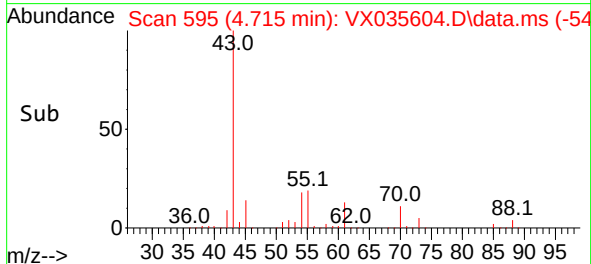
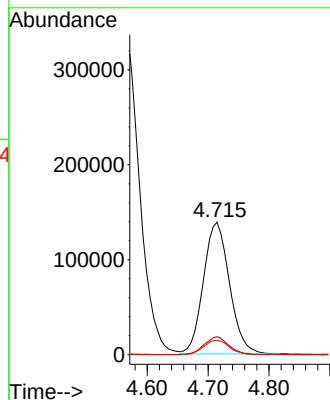
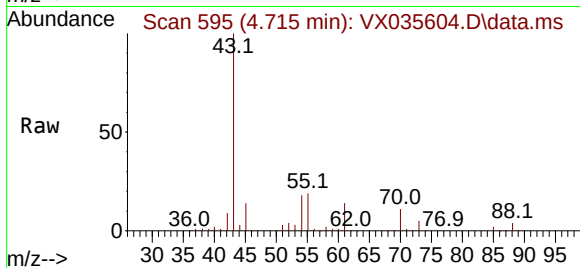
Tgt Ion: 43 Resp: 412712

Ion Ratio Lower Upper

43 100

61 12.7 10.2 15.4

70 10.7 8.2 12.4



#38

Carbon Tetrachloride

Concen: 107.708 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

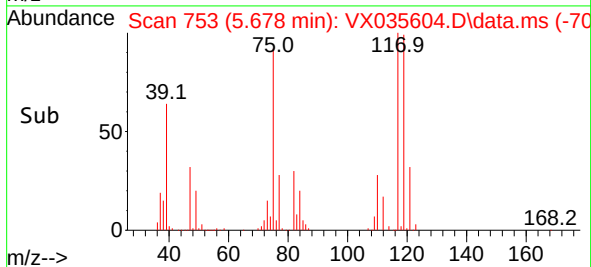
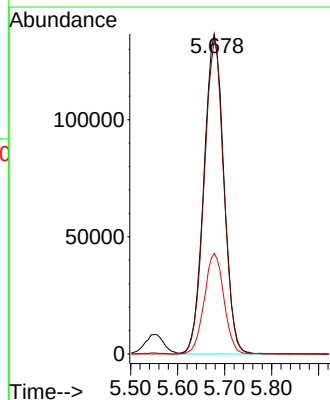
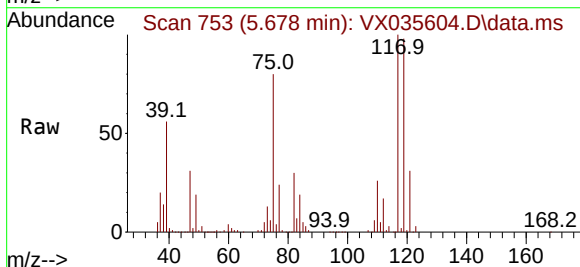
Tgt Ion: 117 Resp: 401513

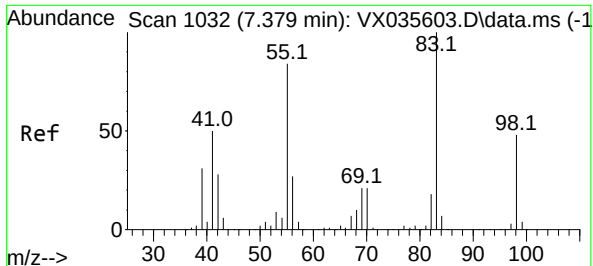
Ion Ratio Lower Upper

117 100

119 98.4 76.6 114.8

121 31.4 23.8 35.6





#39

Methylcyclohexane

Concen: 104.051 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

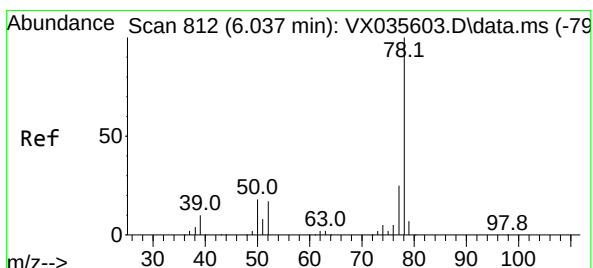
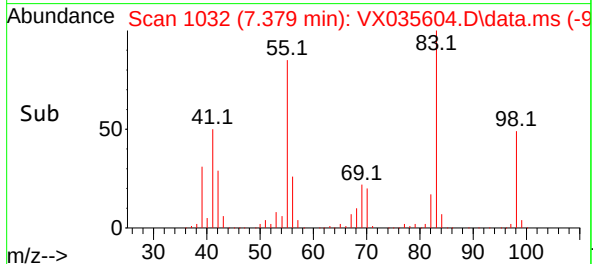
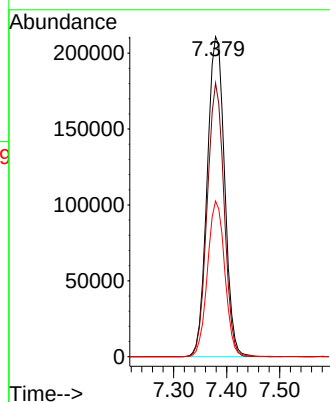
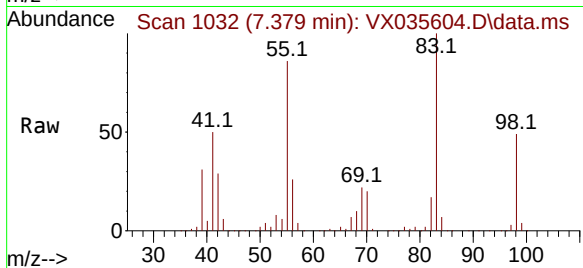
Tgt Ion: 83 Resp: 481993

Ion Ratio Lower Upper

83 100

55 85.5 60.5 90.7

98 48.7 40.4 60.6



#40

Benzene

Concen: 101.583 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035604.D

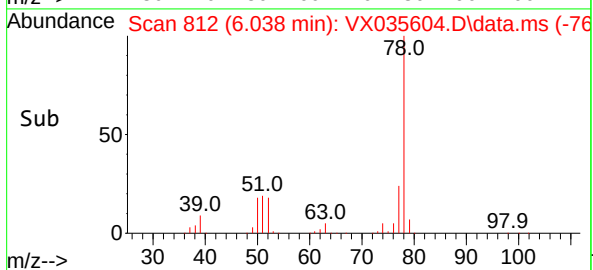
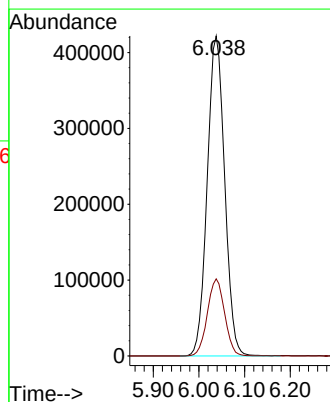
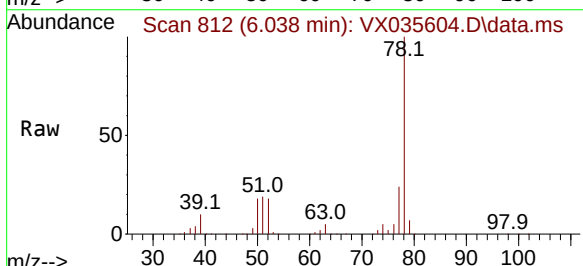
Acq: 11 May 2023 12:33

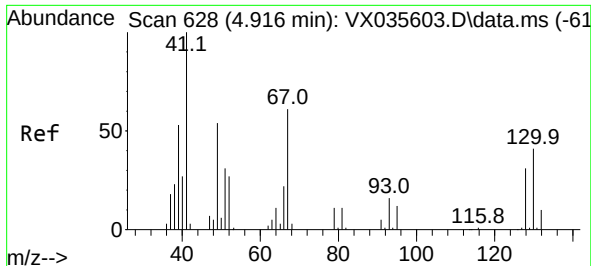
Tgt Ion: 78 Resp: 1118311

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

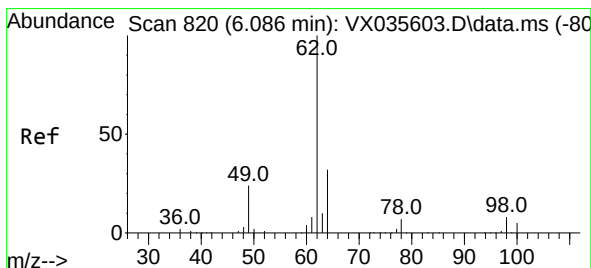
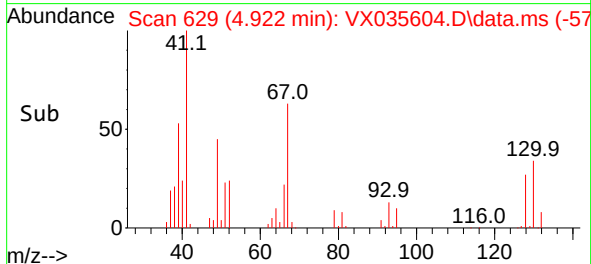
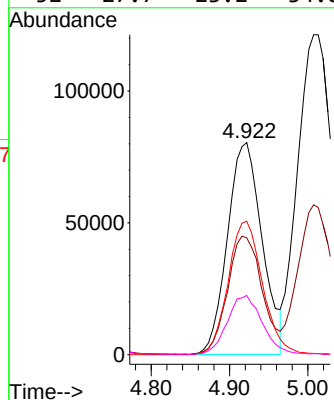
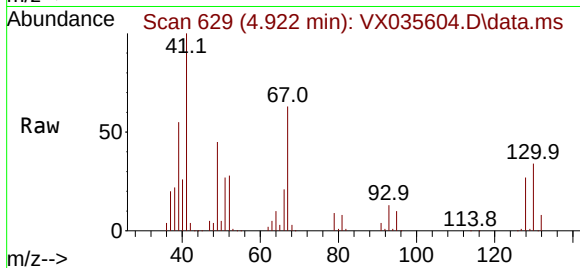




#41
Methacrylonitrile
Concen: 101.623 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

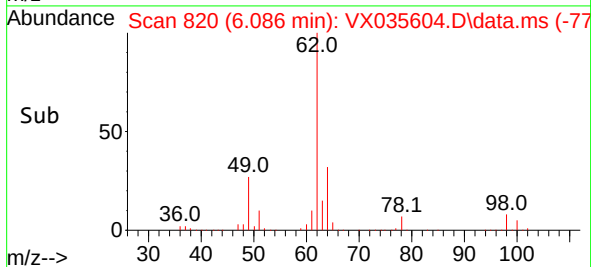
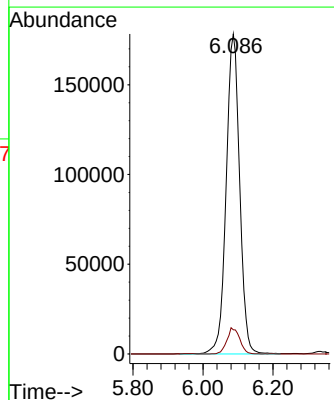
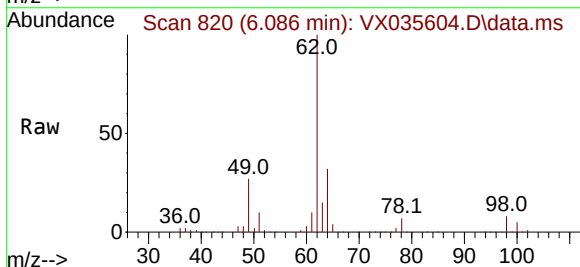
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

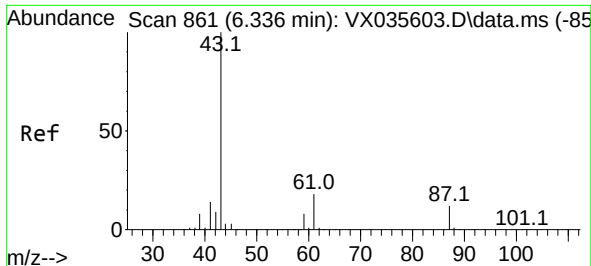
Tgt Ion: 41 Resp: 247660
Ion Ratio Lower Upper
41 100
39 56.0 45.0 67.6
67 62.8 55.6 83.4
52 27.7 23.2 34.8



#42
1,2-Dichloroethane
Concen: 100.425 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 62 Resp: 475578
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0

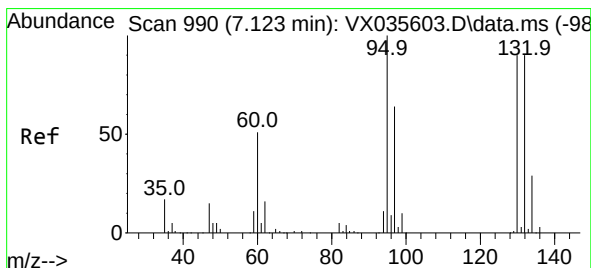
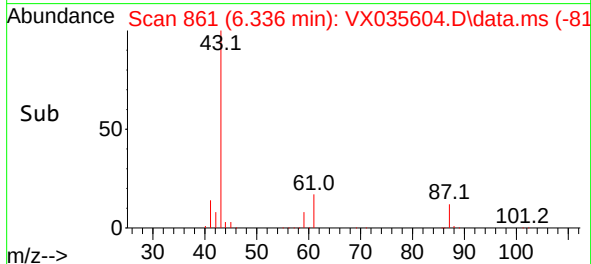
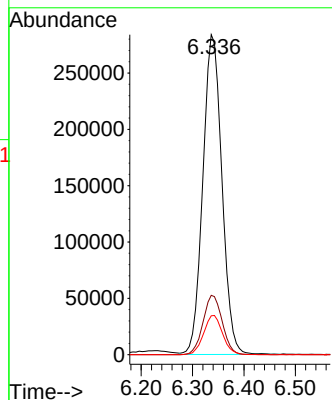
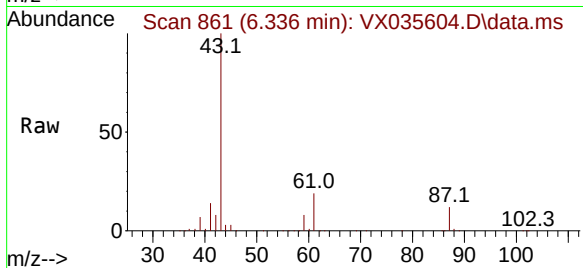




#43
Isopropyl Acetate
Concen: 102.143 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

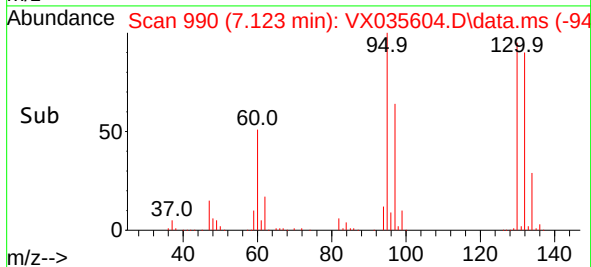
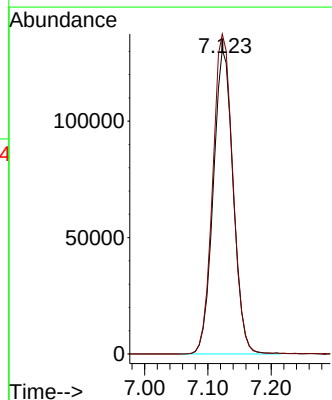
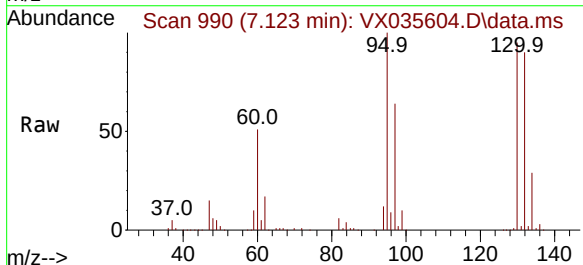
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

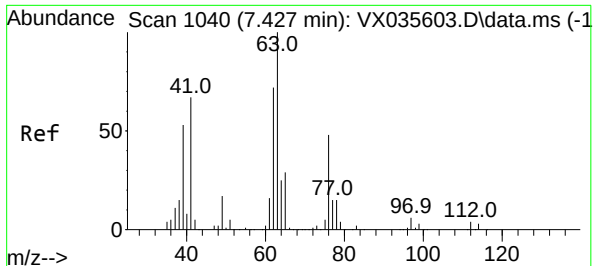
Tgt Ion: 43 Resp: 731077
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.2 9.8 14.8



#44
Trichloroethene
Concen: 102.458 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:130 Resp: 286003
Ion Ratio Lower Upper
130 100
95 105.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 103.377 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

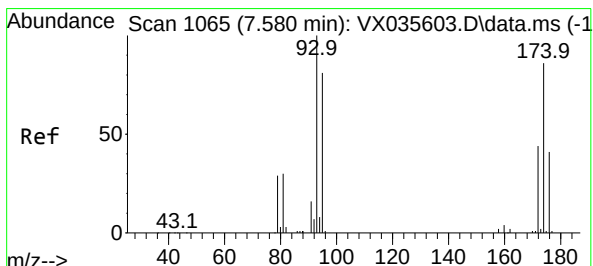
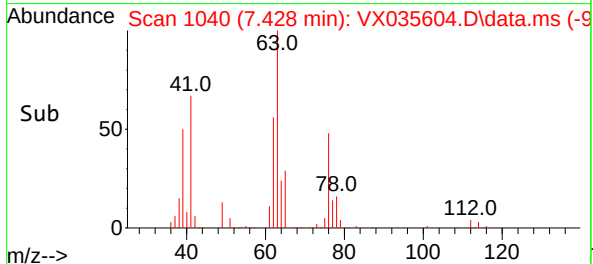
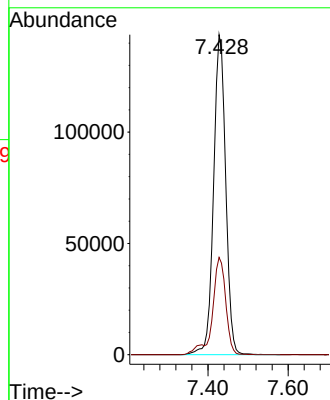
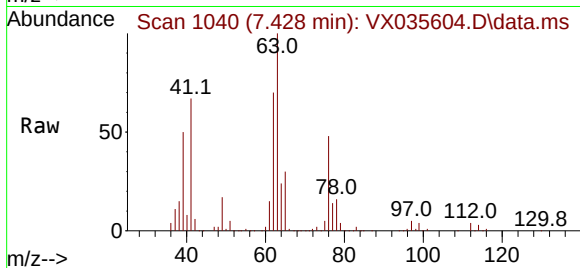
VSTDIC100

Tgt Ion: 63 Resp: 301411

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



#46

Dibromomethane

Concen: 103.001 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

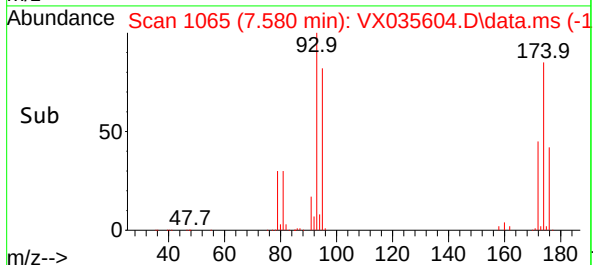
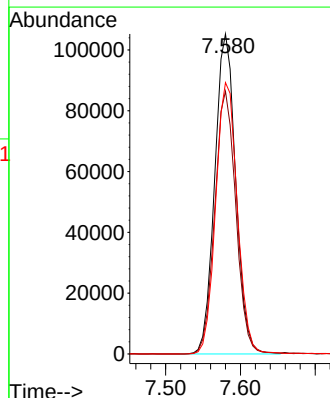
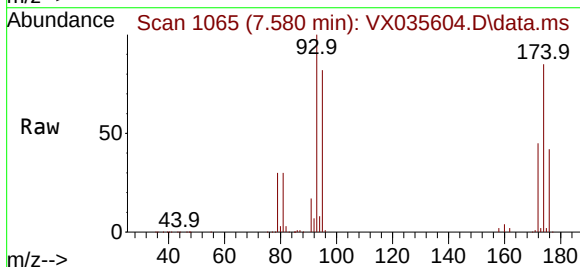
Tgt Ion: 93 Resp: 205568

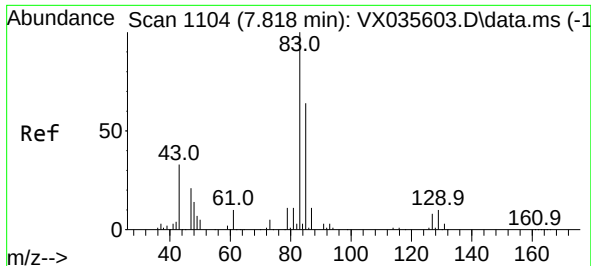
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

174 87.2 75.4 113.0

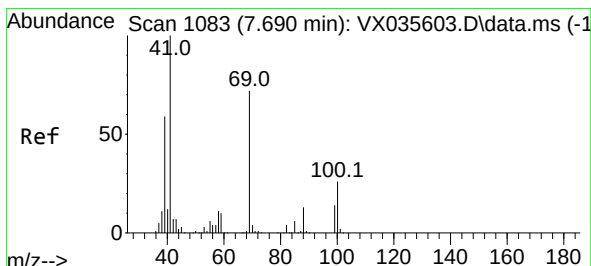
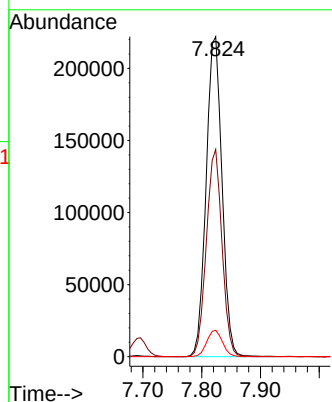
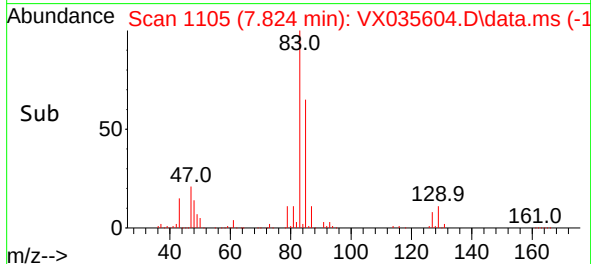
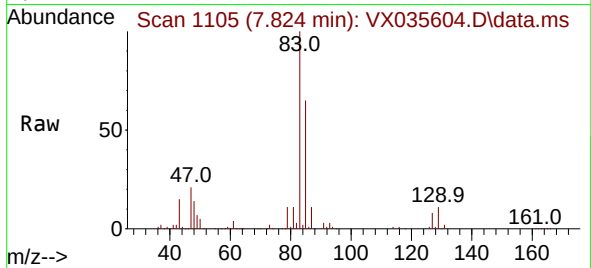




#47
Bromodichloromethane
Concen: 107.881 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

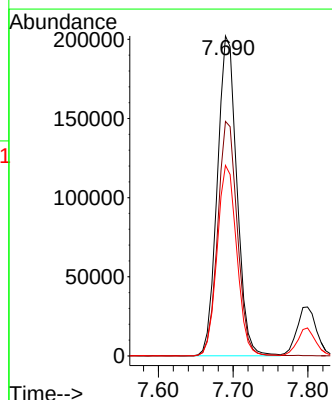
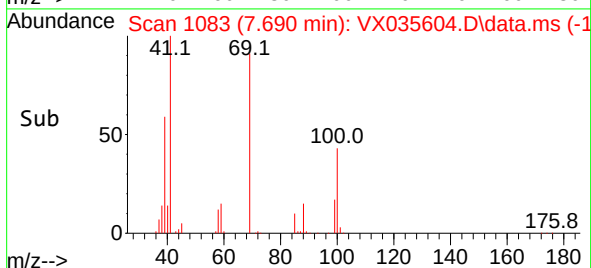
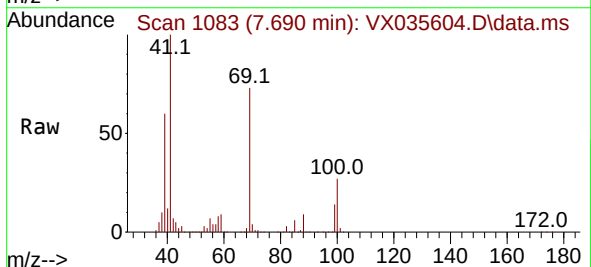
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

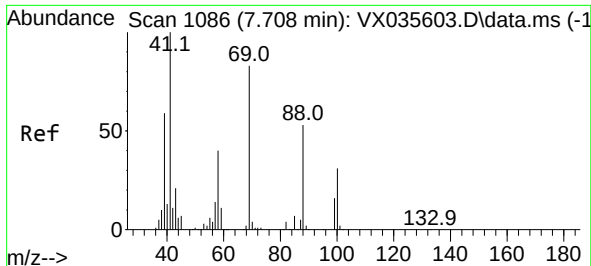
Tgt Ion: 83 Resp: 416156
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 103.912 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 41 Resp: 367047
Ion Ratio Lower Upper
41 100
69 73.6 62.2 93.4
39 60.2 47.7 71.5





#49

1,4-Dioxane

Concen: 2125.888 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

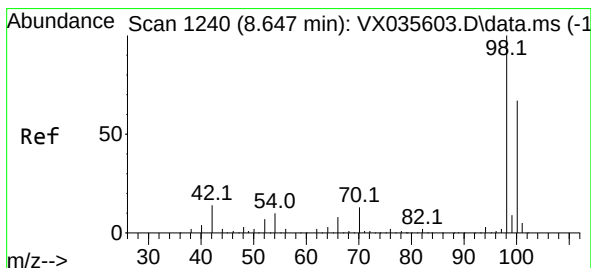
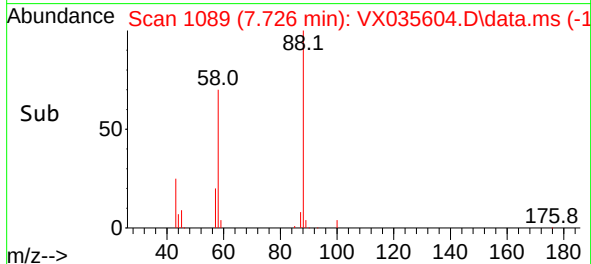
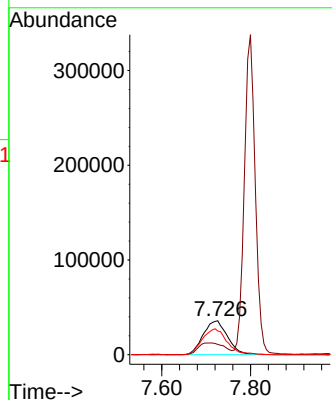
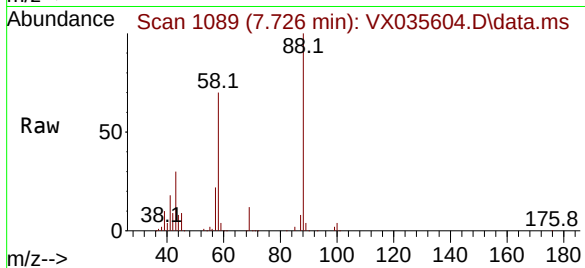
Tgt Ion: 88 Resp: 135920

Ion Ratio Lower Upper

88 100

43 36.4 27.7 41.5

58 77.5 56.8 85.2



#50

Toluene-d8

Concen: 105.519 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035604.D

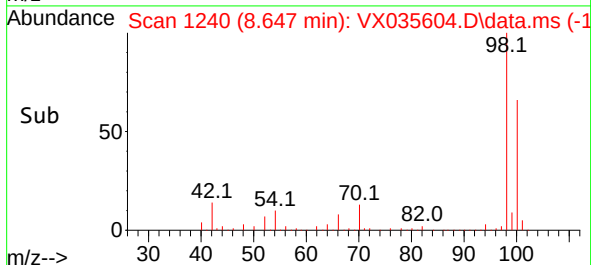
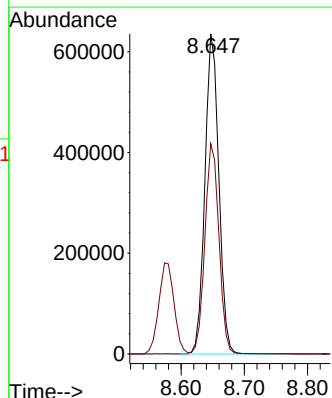
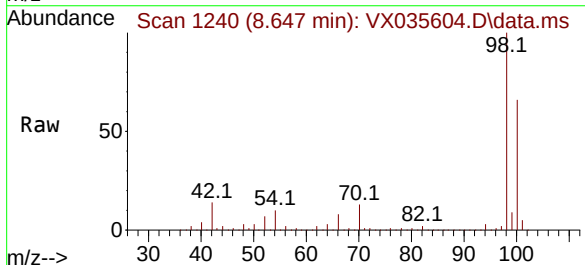
Acq: 11 May 2023 12:33

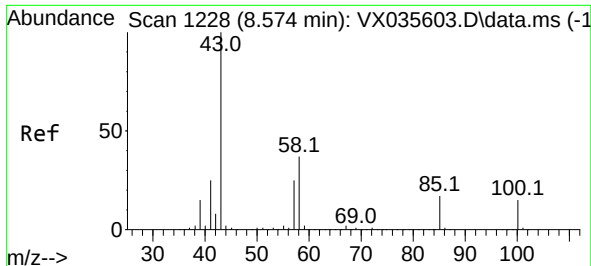
Tgt Ion: 98 Resp: 971831

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7

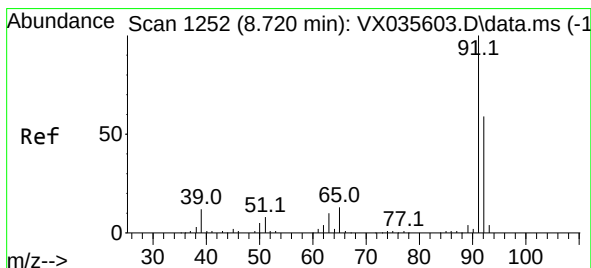
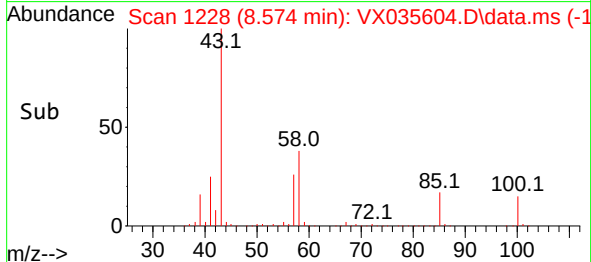
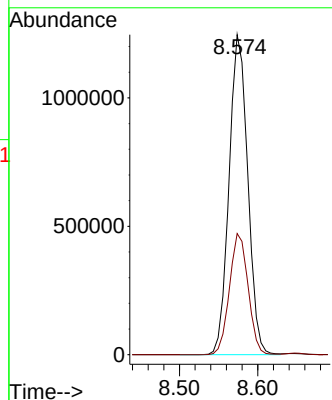
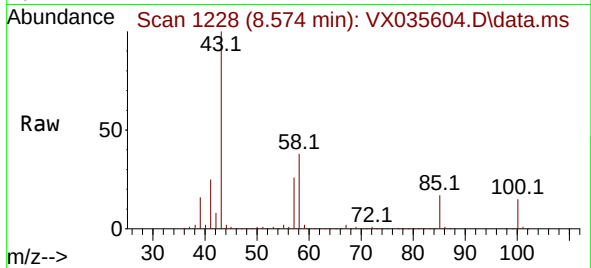




#51
4-Methyl-2-Pentanone
Concen: 500.438 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

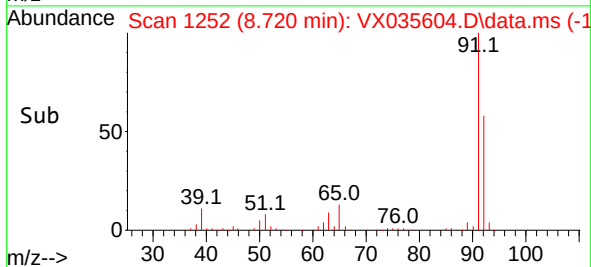
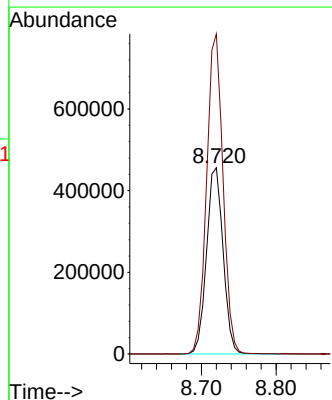
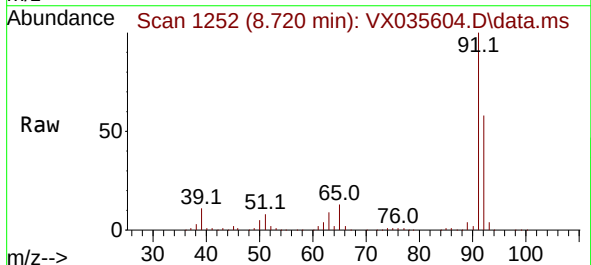
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

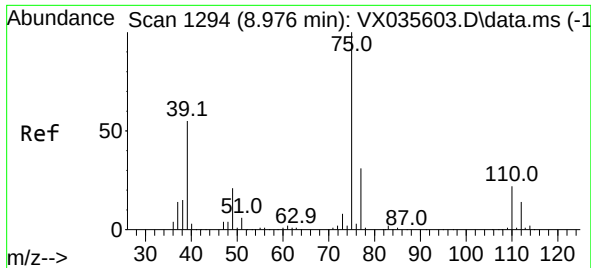
Tgt Ion: 43 Resp: 2063528
Ion Ratio Lower Upper
43 100
58 37.8 30.6 46.0



#52
Toluene
Concen: 100.885 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 92 Resp: 701074
Ion Ratio Lower Upper
92 100
91 169.8 136.8 205.2

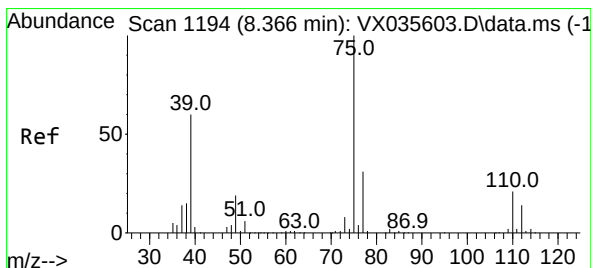
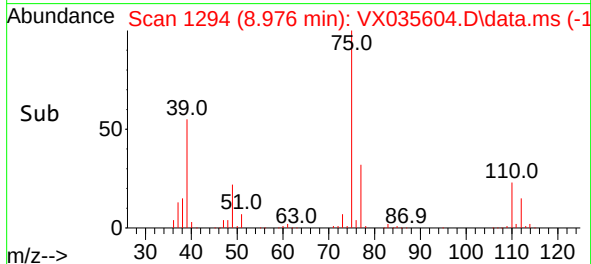
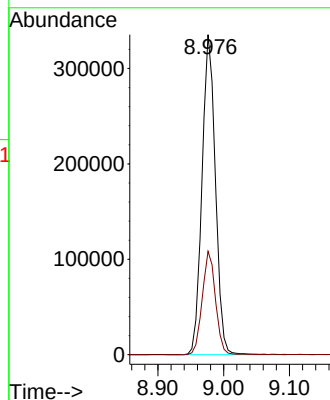
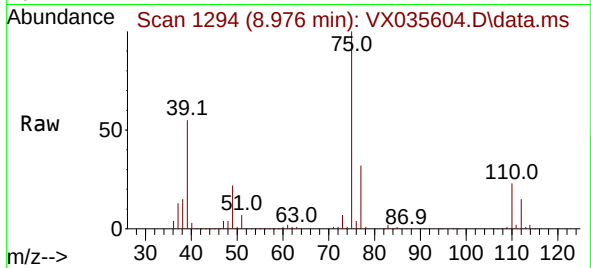




#53
 t-1,3-Dichloropropene
 Concen: 113.195 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

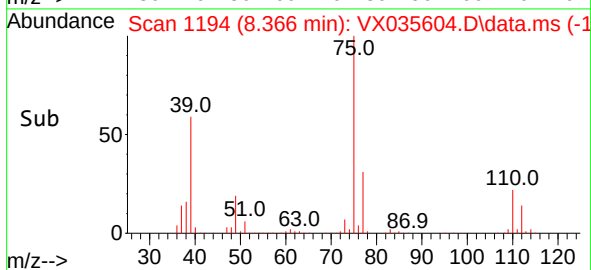
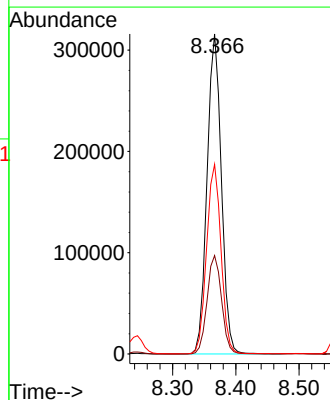
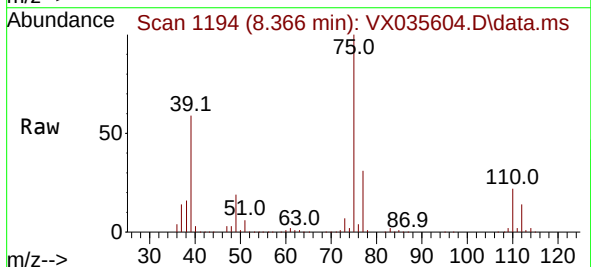
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

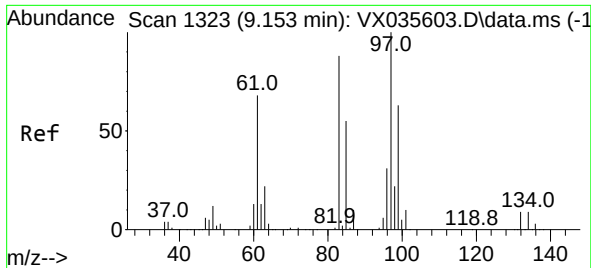
Tgt Ion: 75 Resp: 474403
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 110.816 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

Tgt Ion: 75 Resp: 497600
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4
 39 59.2 44.6 66.8



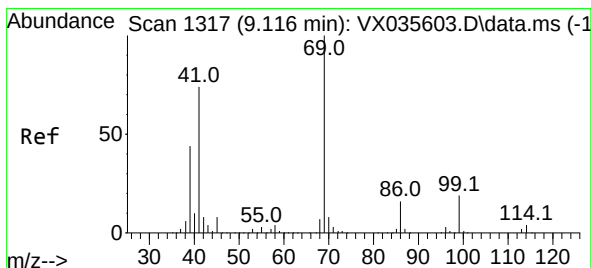
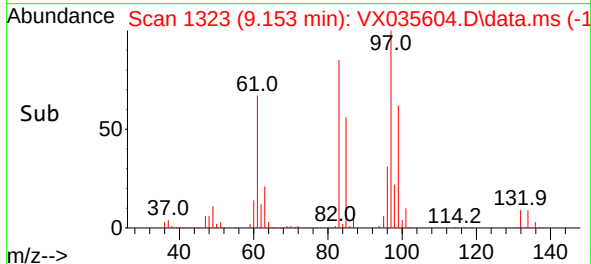
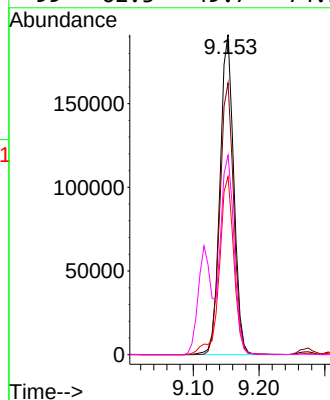
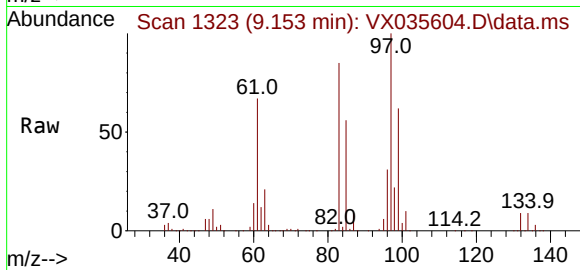


#55
1,1,2-Trichloroethane
Concen: 102.252 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 279087

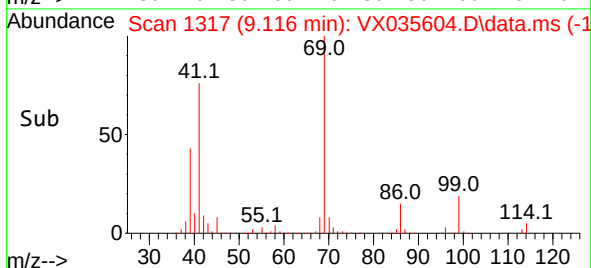
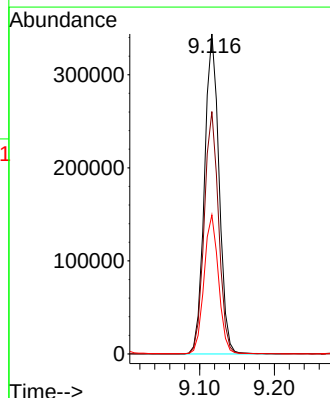
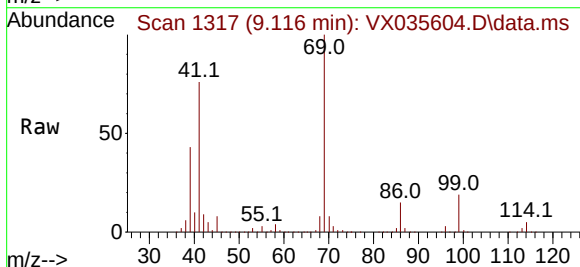
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.7	104.5
85	55.6	43.7	65.5
99	62.3	49.7	74.5

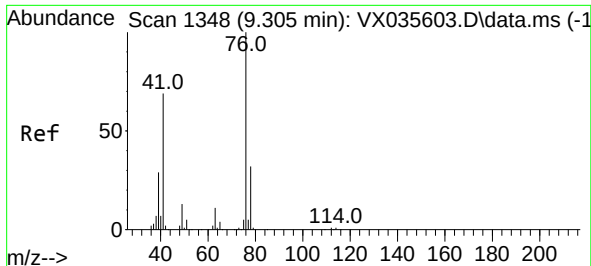


#56
Ethyl methacrylate
Concen: 105.352 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 69 Resp: 465664

Ion	Ratio	Lower	Upper
69	100		
41	74.7	57.4	86.0
39	43.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 100.782 ug/l

RT: 9.305 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

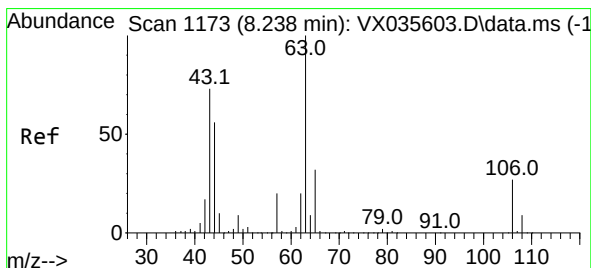
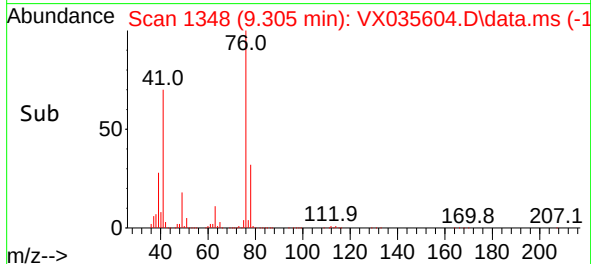
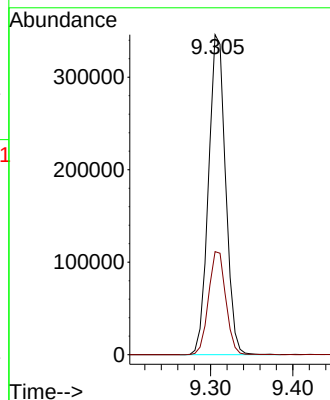
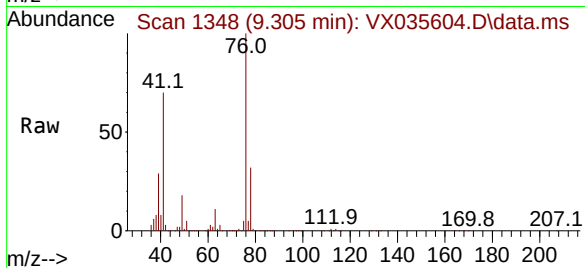
VSTDICC100

Tgt Ion: 76 Resp: 498660

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 509.690 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VX035604.D

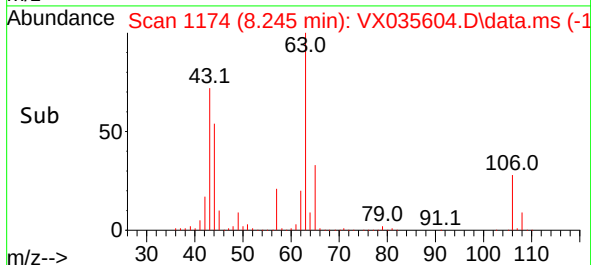
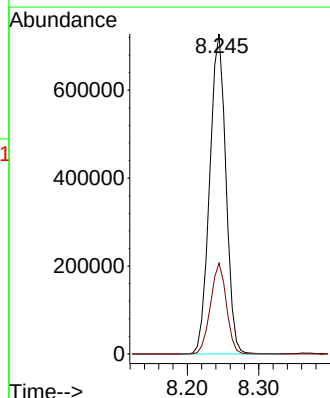
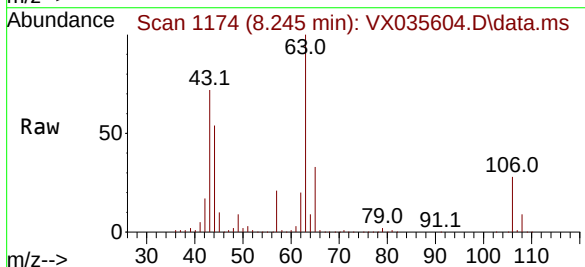
Acq: 11 May 2023 12:33

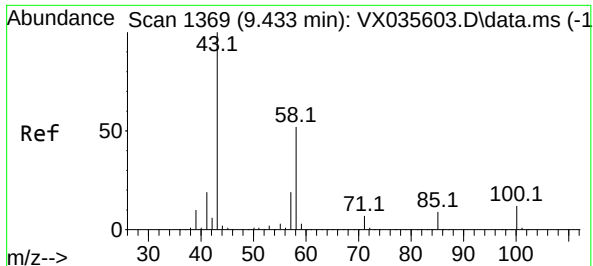
Tgt Ion: 63 Resp: 1146066

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2

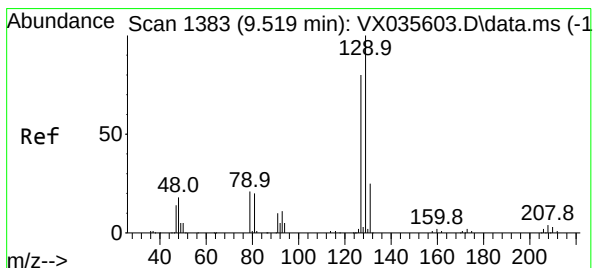
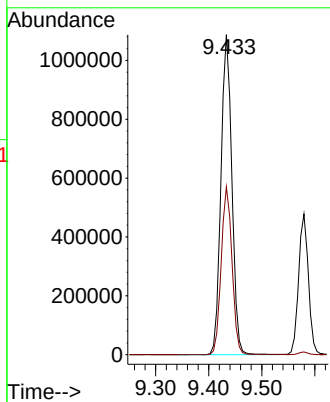
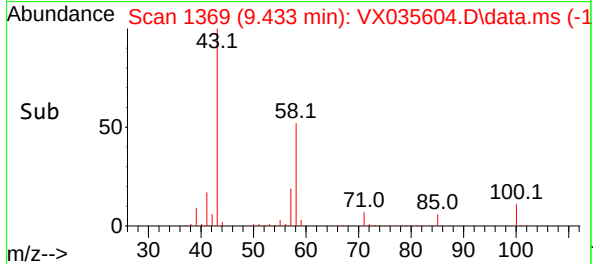
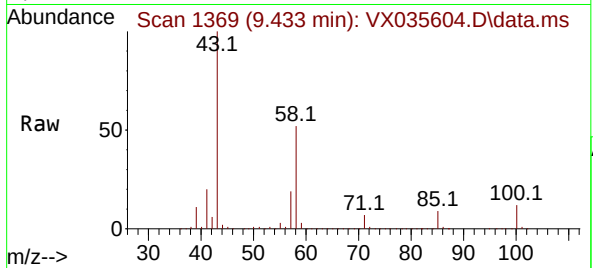




#59
2-Hexanone
Concen: 498.871 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

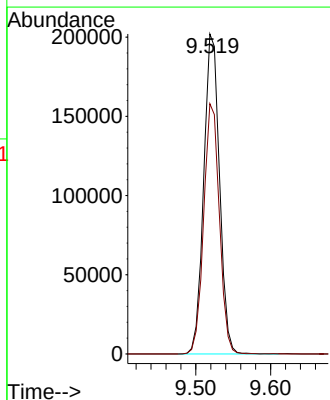
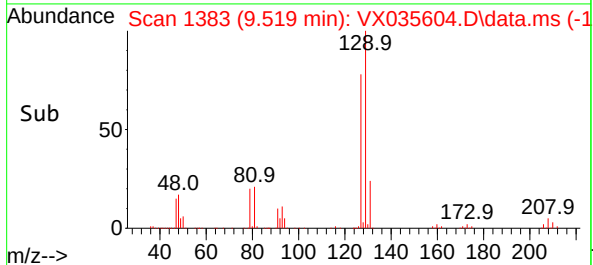
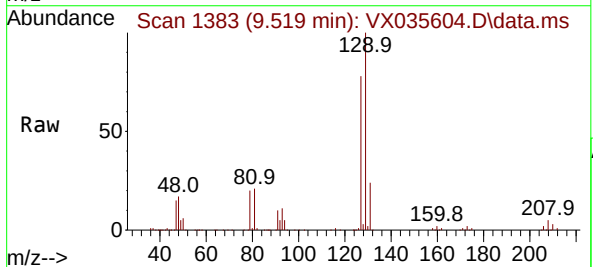
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

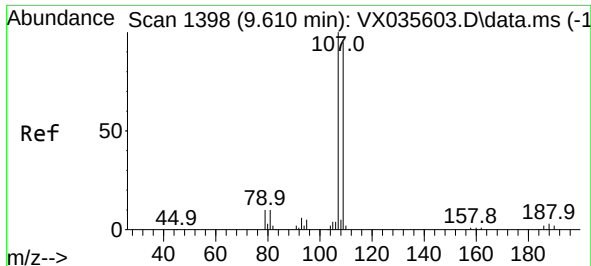
Tgt Ion: 43 Resp: 1549171
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9



#60
Dibromochloromethane
Concen: 113.470 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 129 Resp: 295218
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

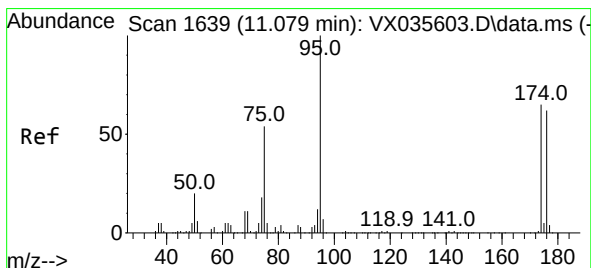
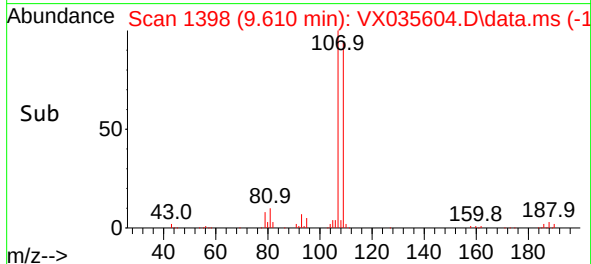
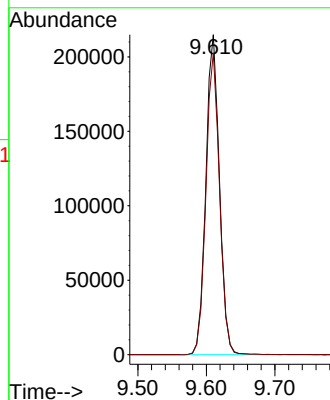
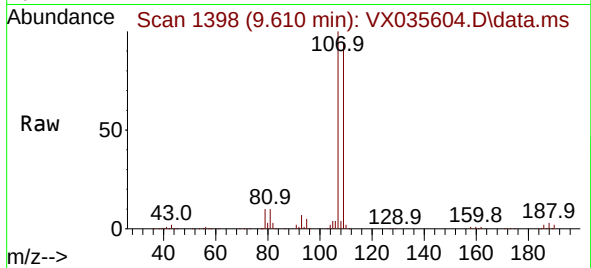




#61
1,2-Dibromoethane
Concen: 103.149 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

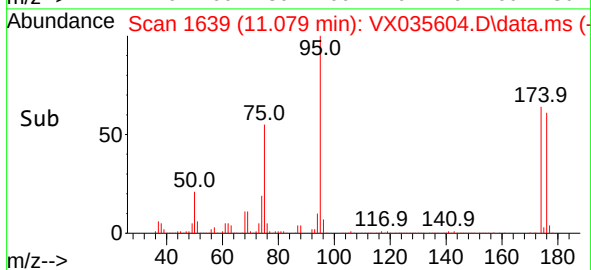
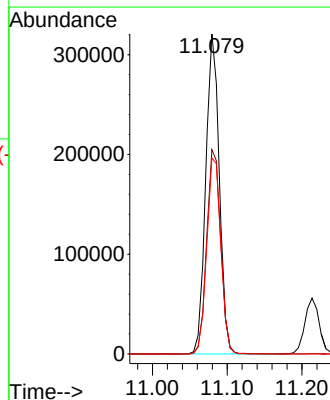
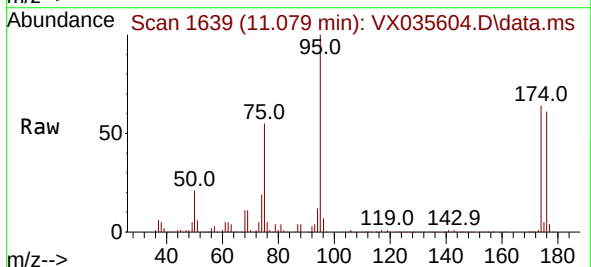
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

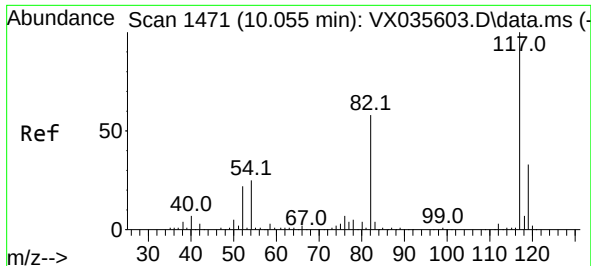
Tgt Ion:107 Resp: 296624
Ion Ratio Lower Upper
107 100
109 94.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 108.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 95 Resp: 403094
Ion Ratio Lower Upper
95 100
174 66.1 0.0 147.4
176 63.7 0.0 140.6

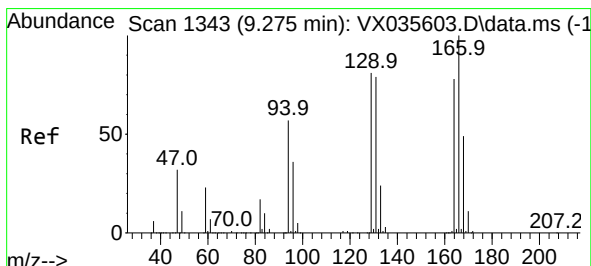
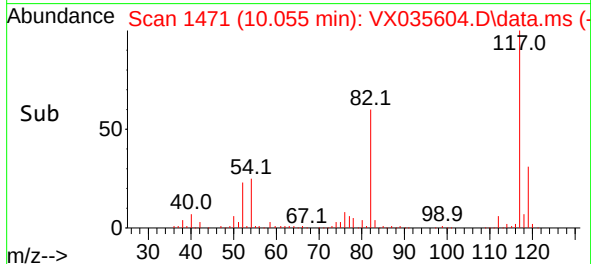
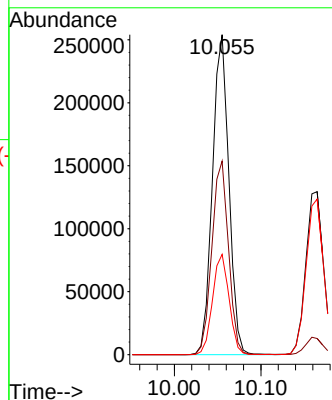
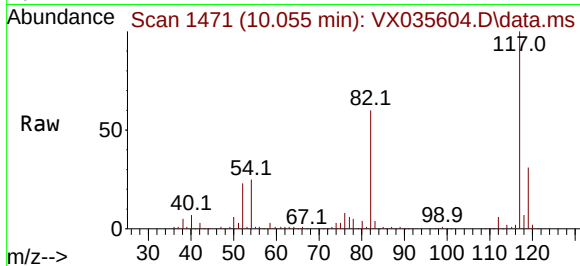




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

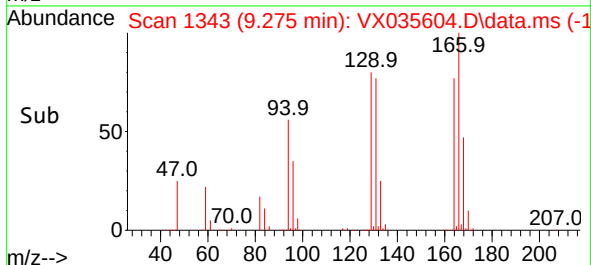
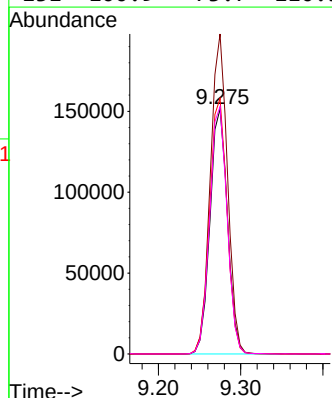
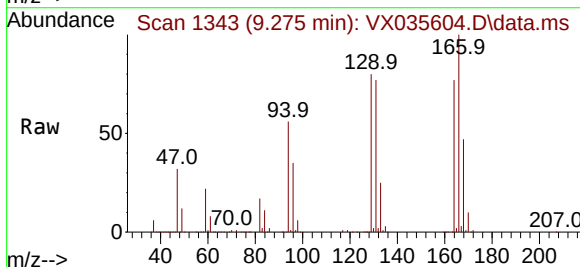
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

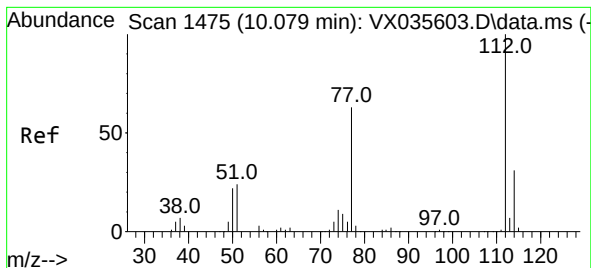
Tgt Ion:117 Resp: 334604
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 31.4 26.0 39.0



#64
Tetrachloroethene
Concen: 98.896 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:164 Resp: 222783
Ion Ratio Lower Upper
164 100
166 130.6 102.7 154.1
129 104.3 75.6 113.4
131 100.9 73.7 110.5

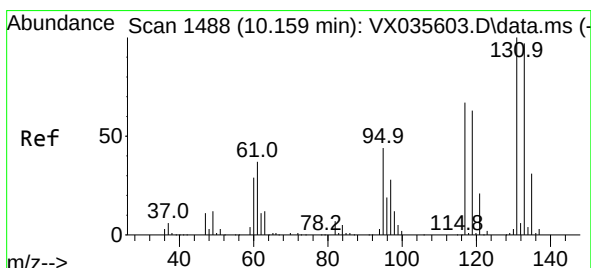
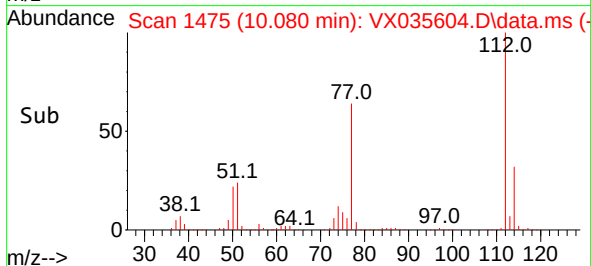
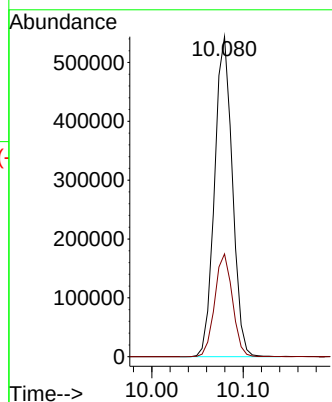
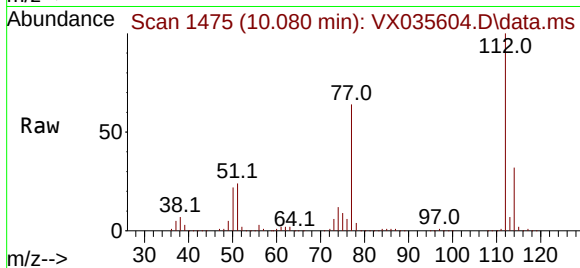




#65
Chlorobenzene
Concen: 100.553 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

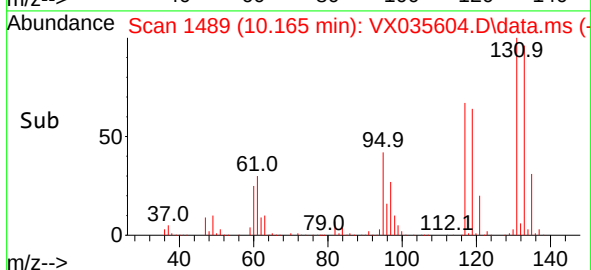
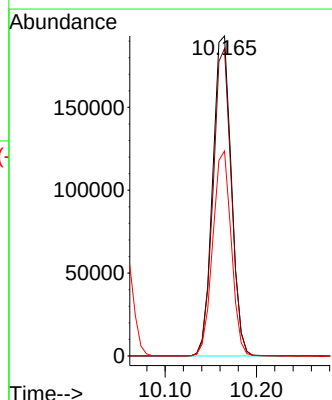
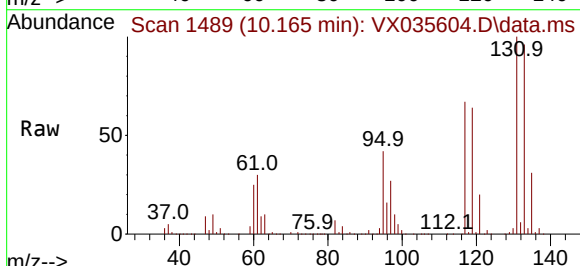
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

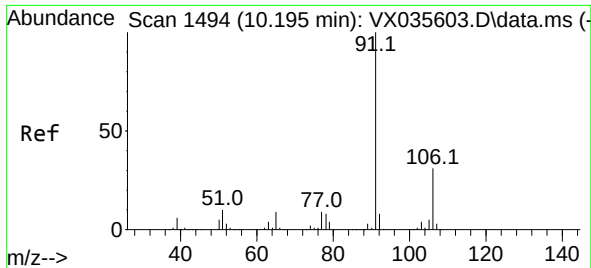
Tgt Ion:112 Resp: 734442
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 105.712 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:131 Resp: 273019
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 63.6 32.6 98.0

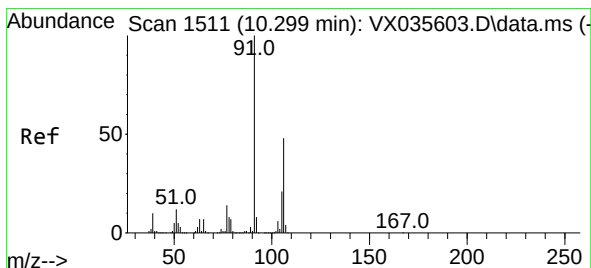
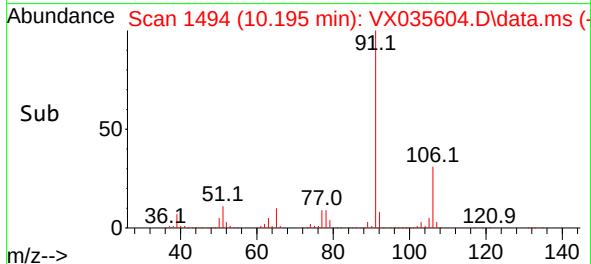
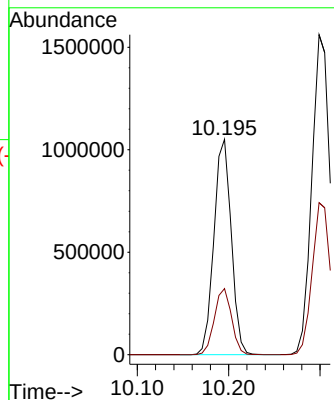
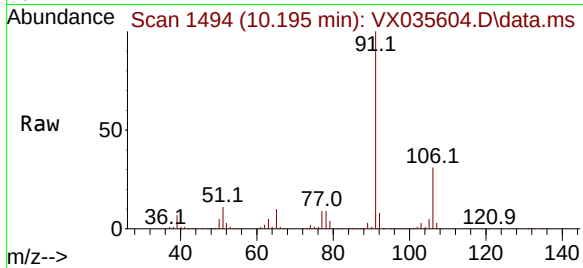




#67
Ethyl Benzene
Concen: 100.551 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

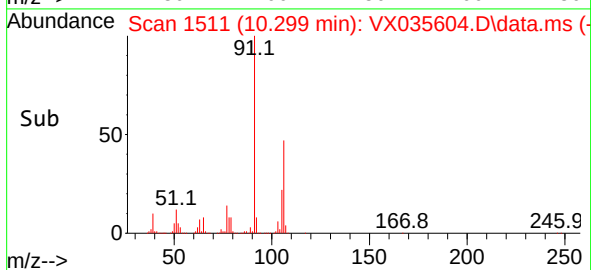
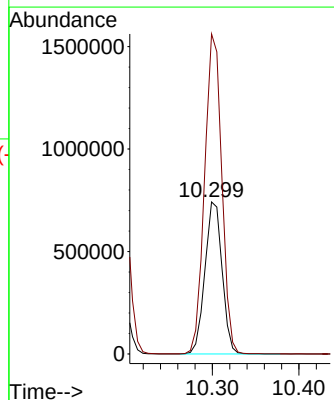
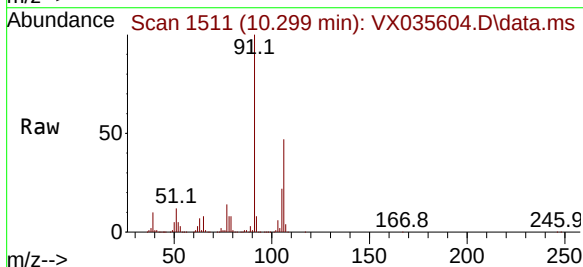
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

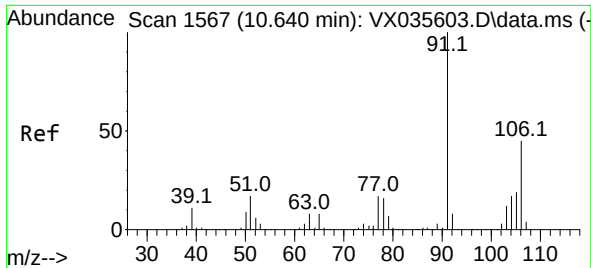
Tgt Ion: 91 Resp: 1381267
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 200.979 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 106 Resp: 1020505
Ion Ratio Lower Upper
106 100
91 210.8 164.0 246.0

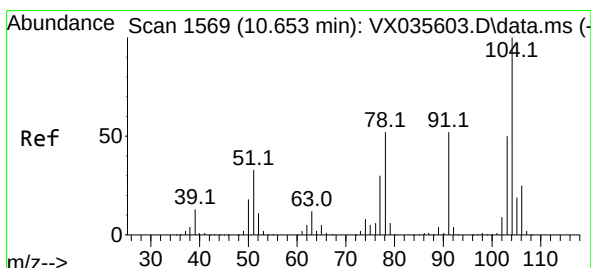
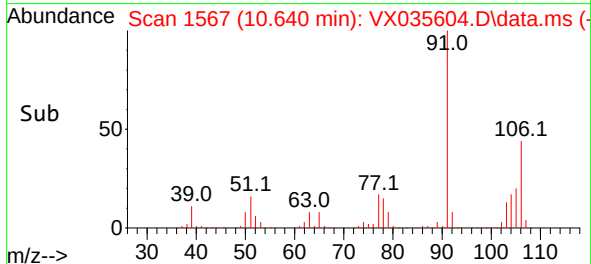
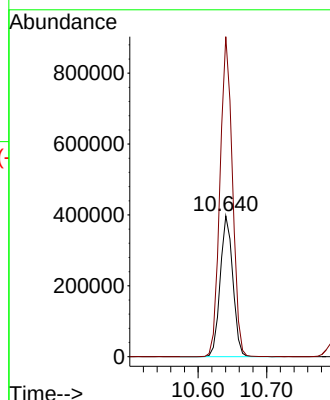
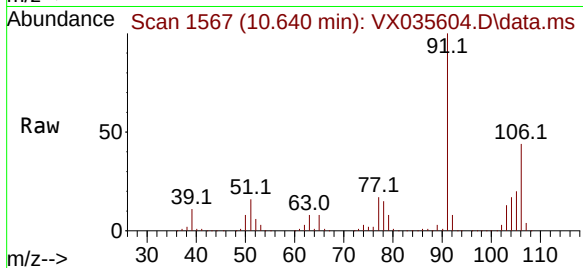




#69
o-Xylene
Concen: 100.349 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

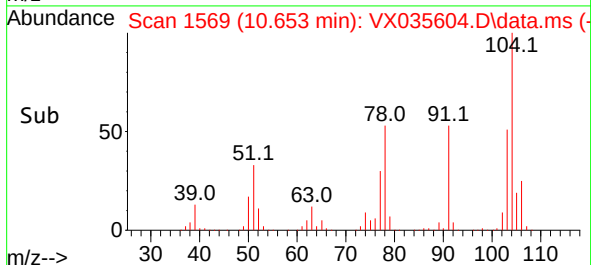
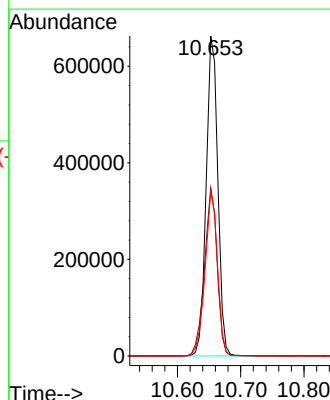
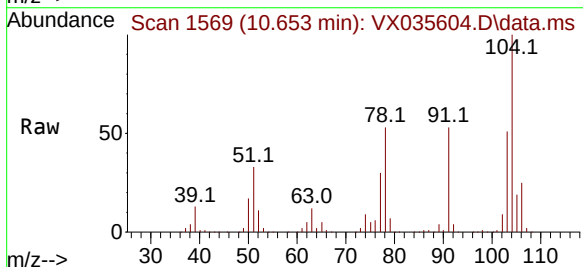
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

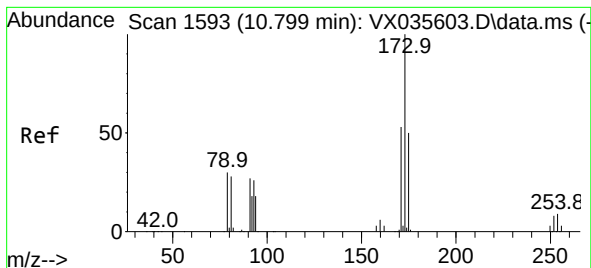
Tgt Ion:106 Resp: 505619
Ion Ratio Lower Upper
106 100
91 224.5 108.5 325.3



#70
Styrene
Concen: 104.699 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:104 Resp: 850218
Ion Ratio Lower Upper
104 100
78 57.1 43.4 65.2
103 55.1 44.2 66.2





#71

Bromoform

Concen: 114.460 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

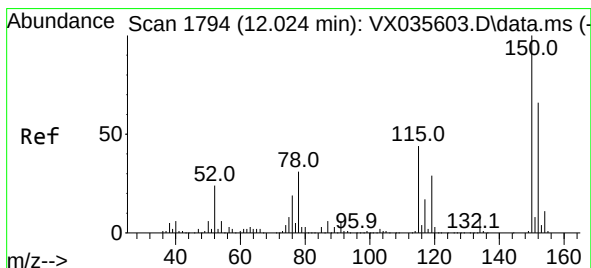
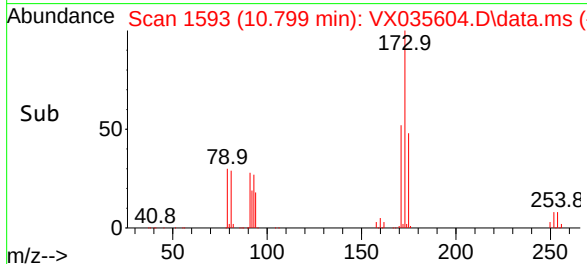
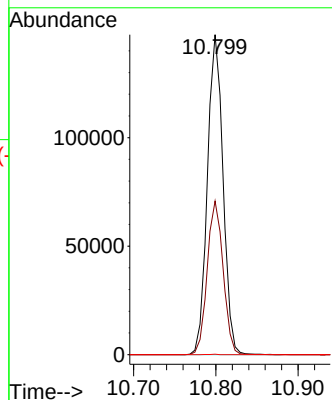
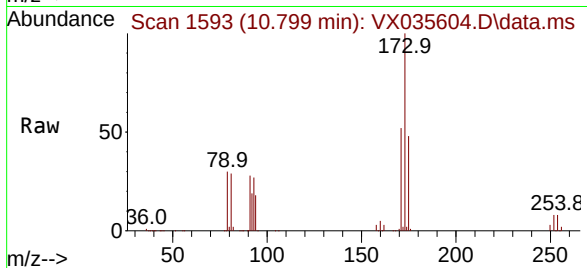
Tgt Ion:173 Resp: 194501

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

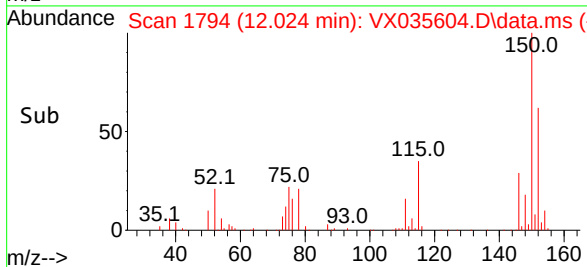
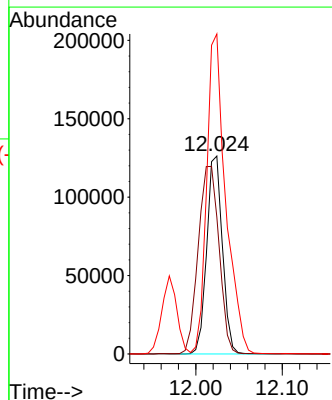
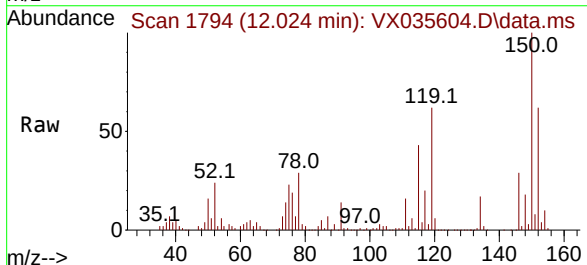
Tgt Ion:152 Resp: 158644

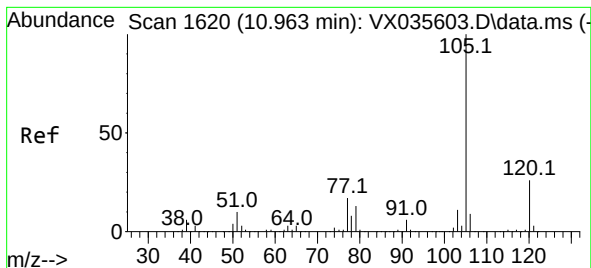
Ion Ratio Lower Upper

152 100

115 125.7 45.0 135.0

150 195.6 0.0 352.4





#73

Isopropylbenzene

Concen: 100.481 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

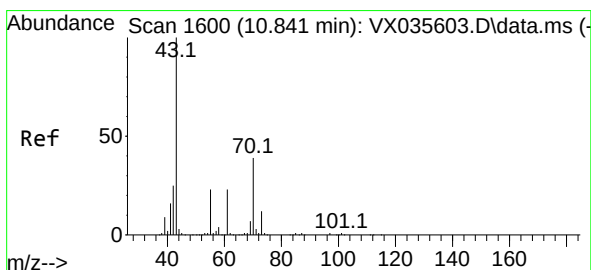
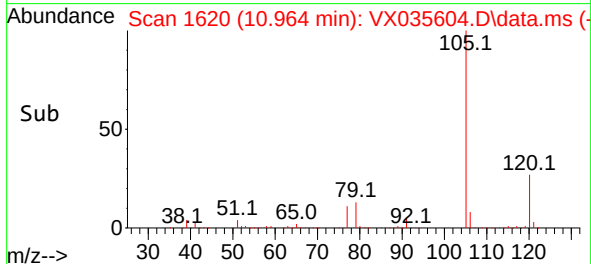
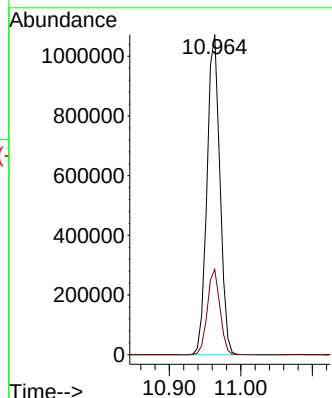
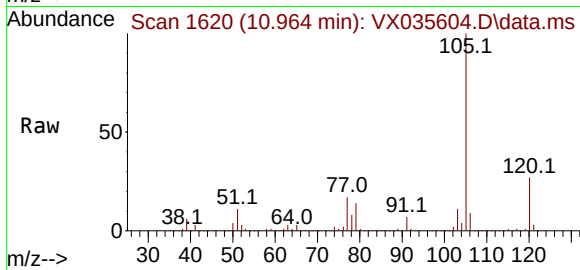
VSTDIC100

Tgt Ion:105 Resp: 1343248

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9



#74

N-ethyl acetate

Concen: 100.439 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Tgt Ion: 43 Resp: 626032

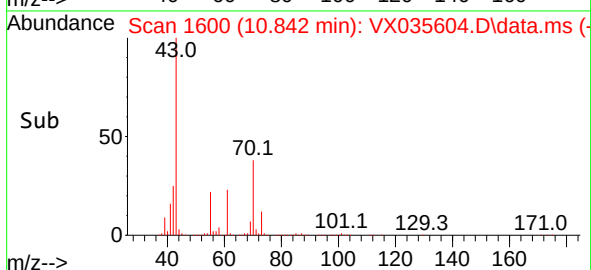
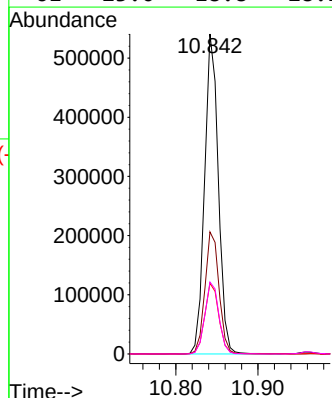
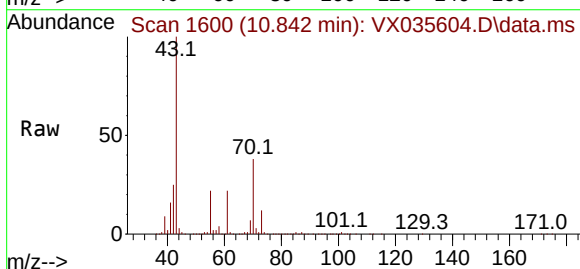
Ion Ratio Lower Upper

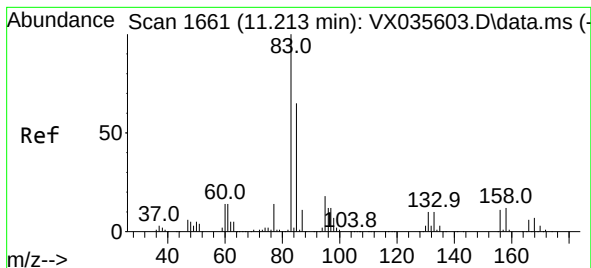
43 100

70 39.3 32.1 48.1

55 22.8 18.3 27.5

61 23.0 18.8 28.2

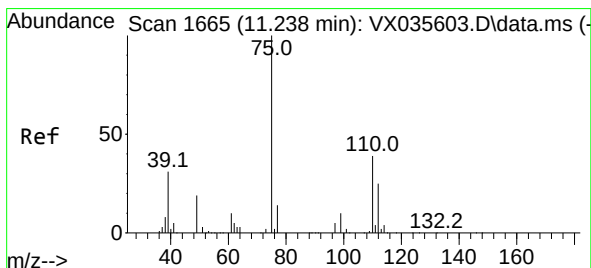
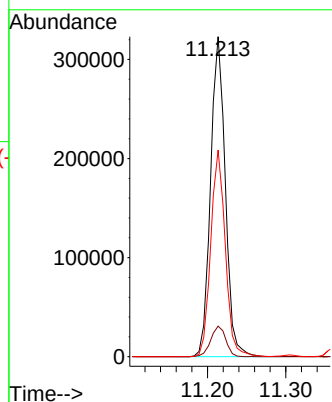
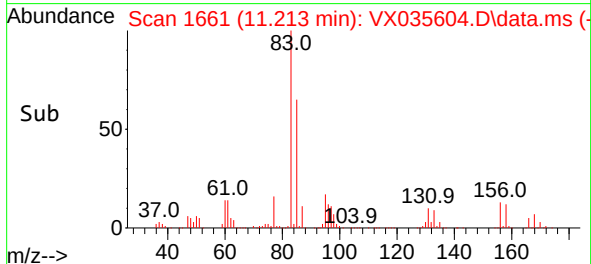
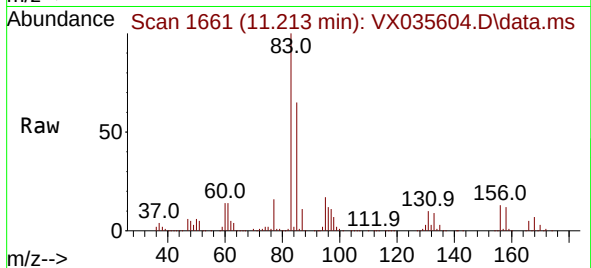




#75
 1,1,2,2-Tetrachloroethane
 Concen: 97.182 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

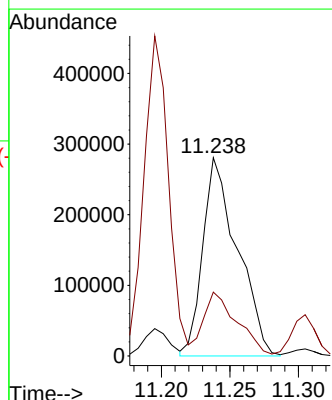
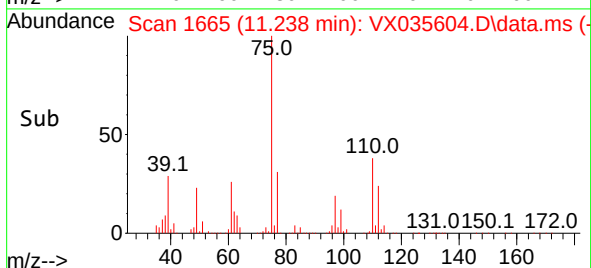
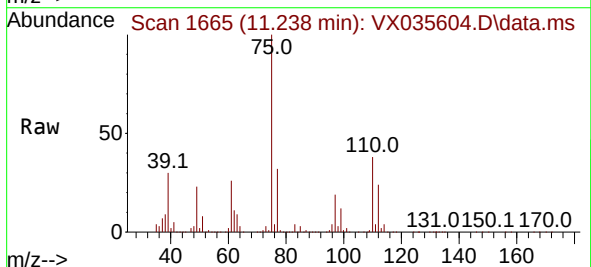
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

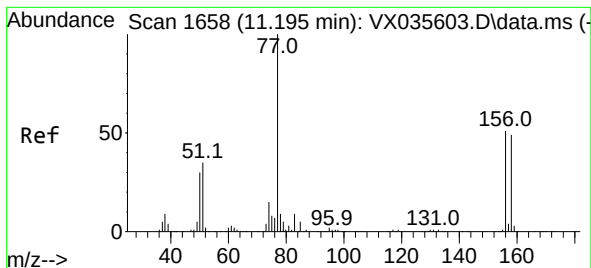
Tgt Ion: 83 Resp: 421435
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.3
 85 63.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 129.924 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

Tgt Ion: 75 Resp: 493744
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.6 64.8





#77

Bromobenzene

Concen: 99.736 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

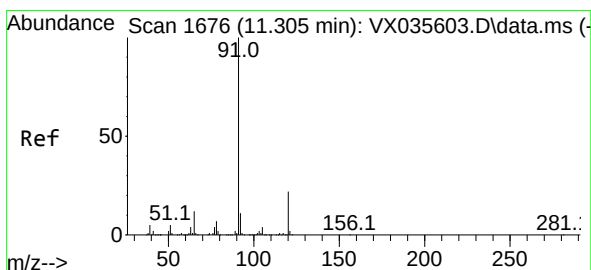
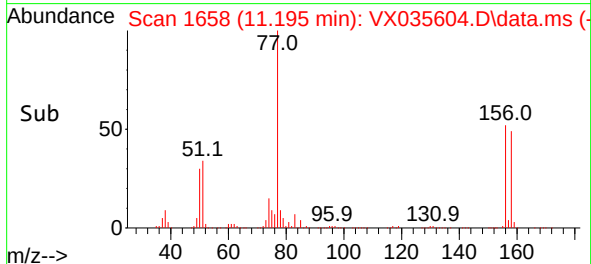
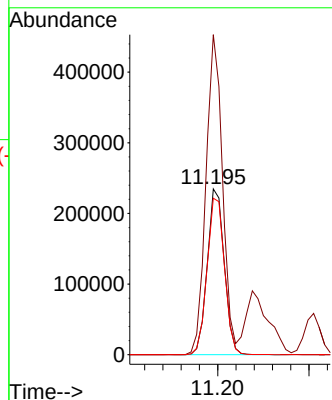
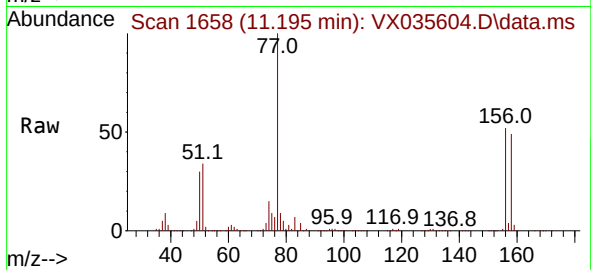
Tgt Ion:156 Resp: 302621

Ion Ratio Lower Upper

156 100

77 187.6 86.7 259.9

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 101.720 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035604.D

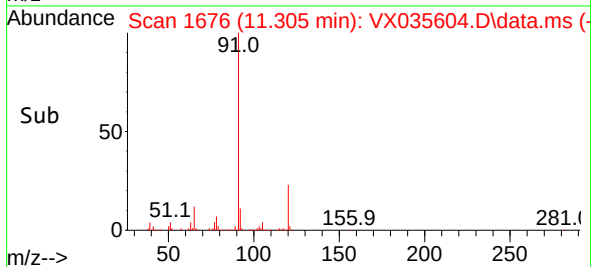
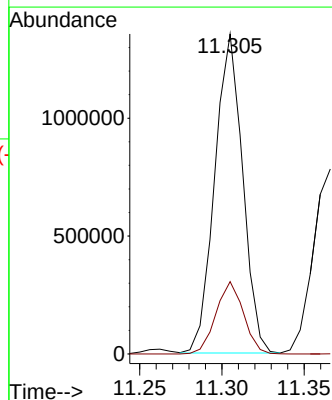
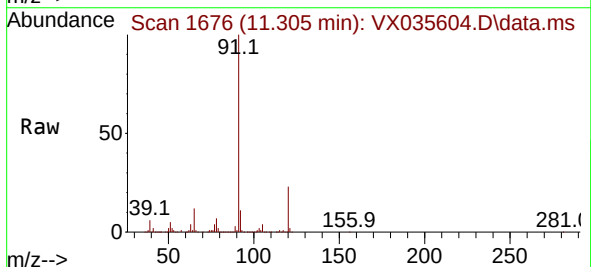
Acq: 11 May 2023 12:33

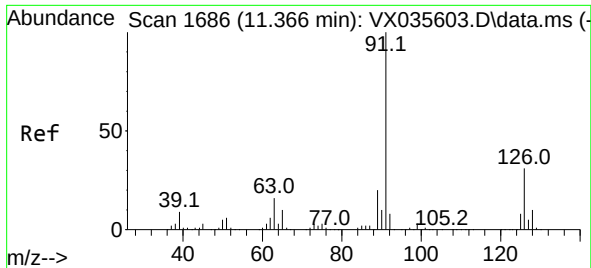
Tgt Ion: 91 Resp: 1598461

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.5

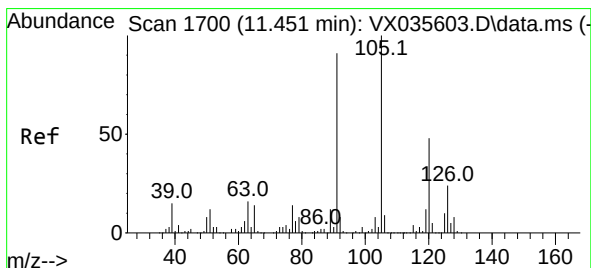
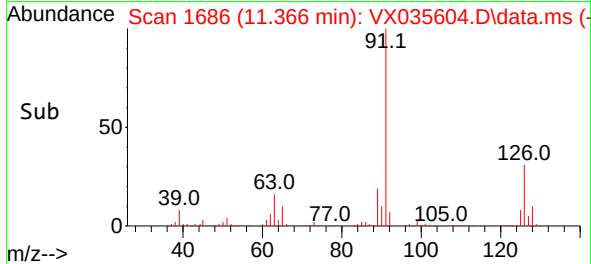
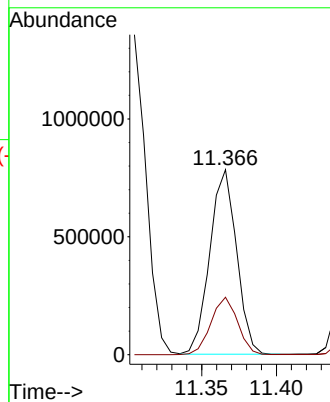
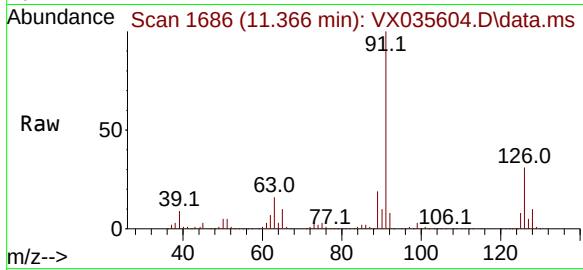




#79
2-Chlorotoluene
Concen: 99.079 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

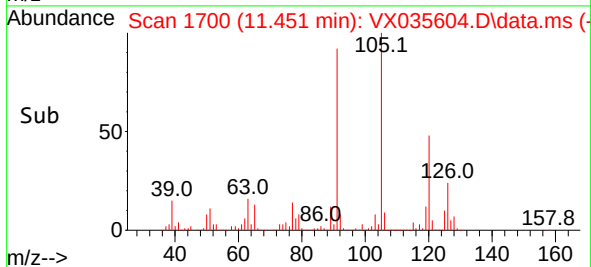
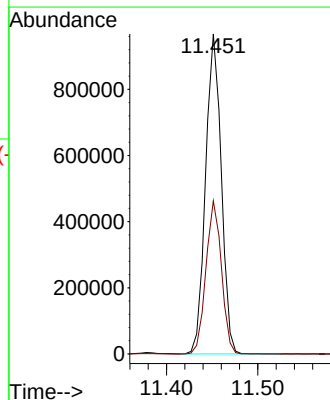
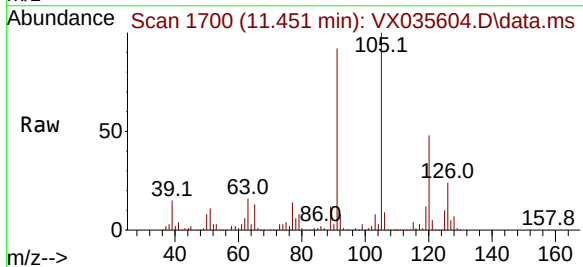
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

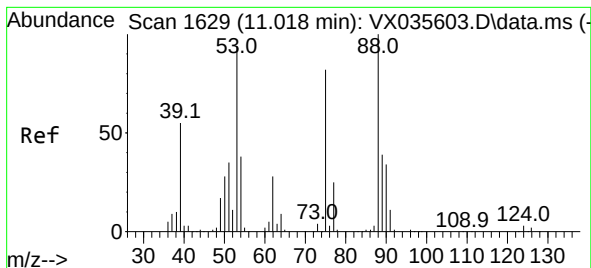
Tgt Ion: 91 Resp: 974794
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 101.150 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 105 Resp: 1149260
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1

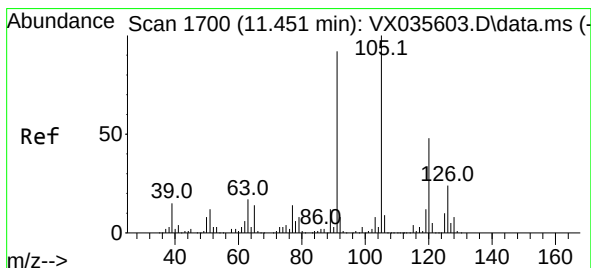
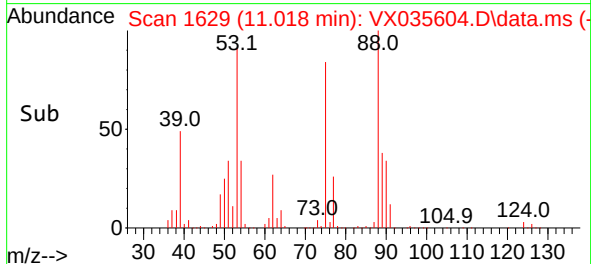
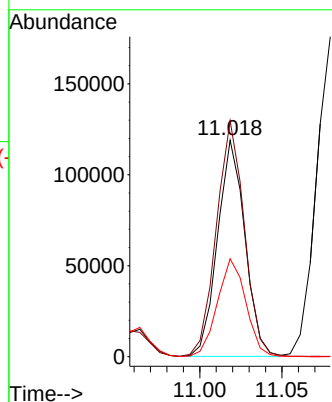
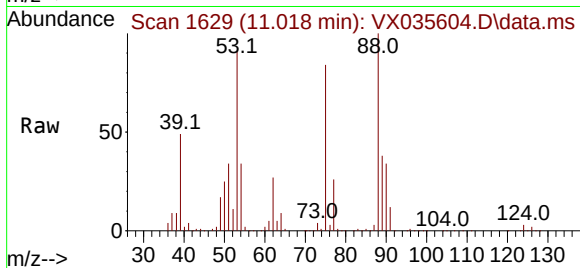




#81
trans-1,4-Dichloro-2-butene
Concen: 114.405 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

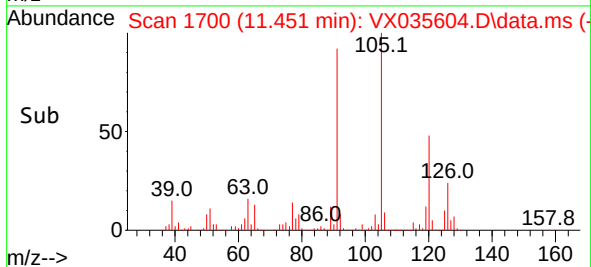
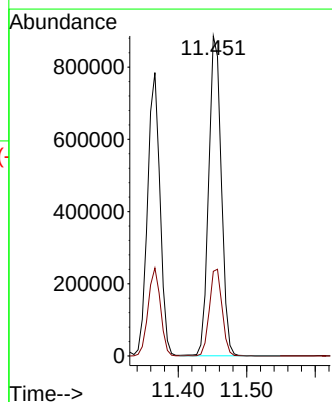
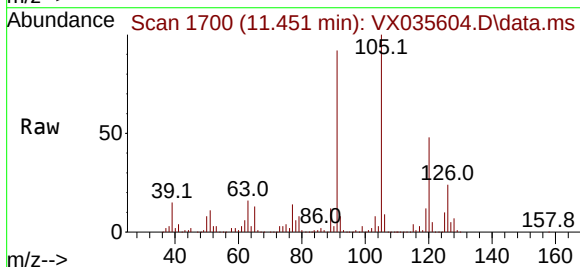
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

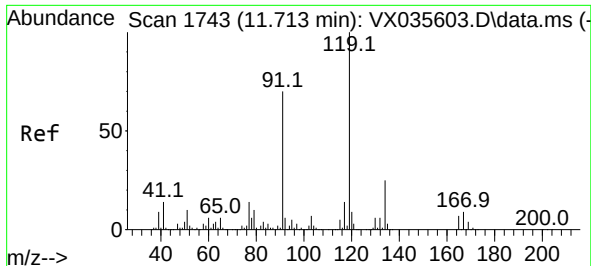
Tgt Ion: 75 Resp: 137749
Ion Ratio Lower Upper
75 100
53 110.8 82.6 124.0
89 46.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 100.128 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion: 91 Resp: 1134517
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6

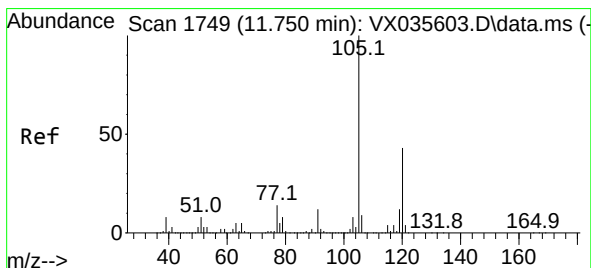
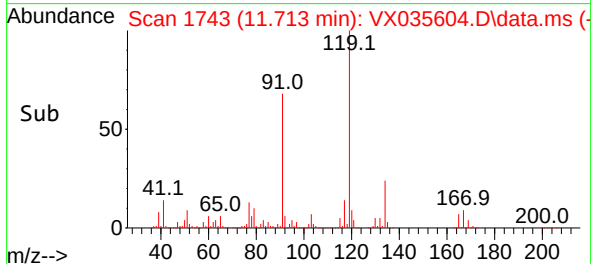
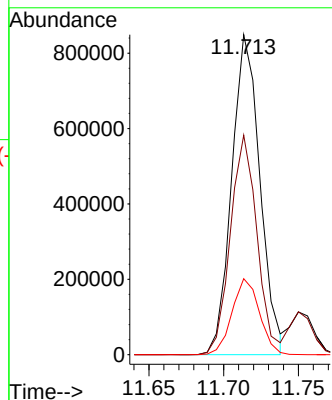
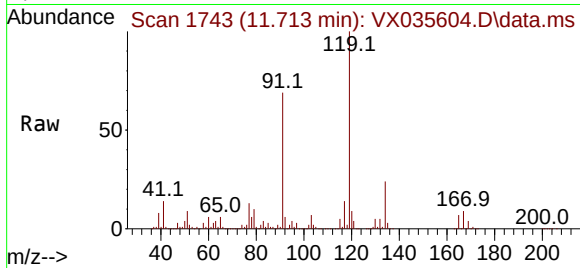




#83
tert-Butylbenzene
Concen: 100.962 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

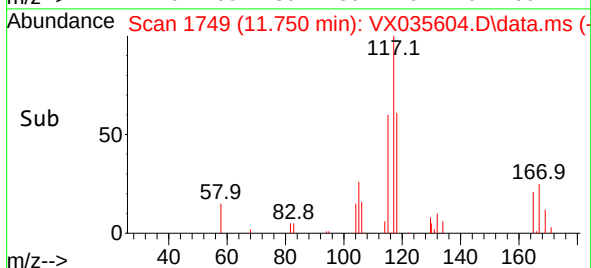
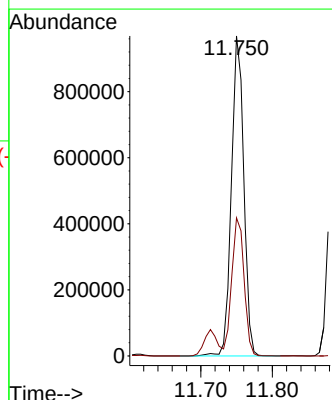
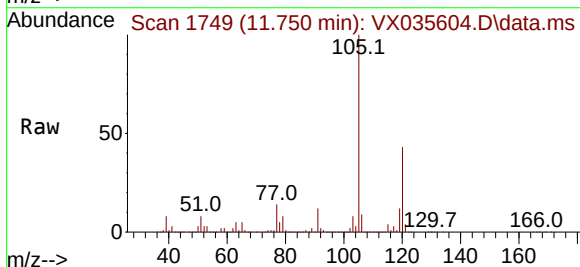
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

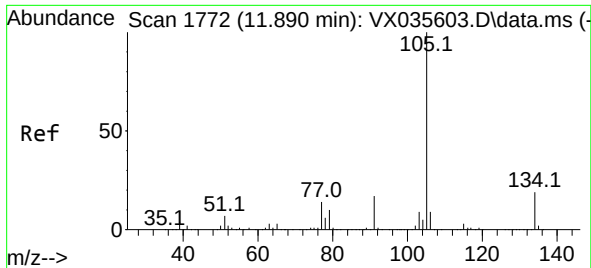
Tgt Ion:119 Resp: 1115053
Ion Ratio Lower Upper
119 100
91 64.7 30.6 92.0
134 23.1 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 101.599 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:105 Resp: 1159082
Ion Ratio Lower Upper
105 100
120 43.0 22.4 67.0

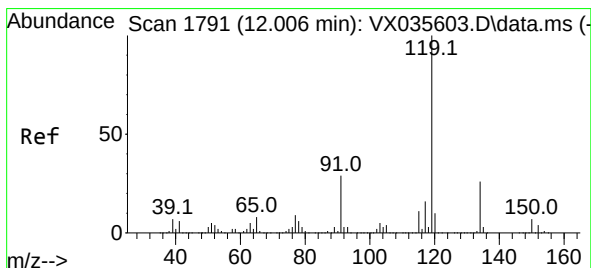
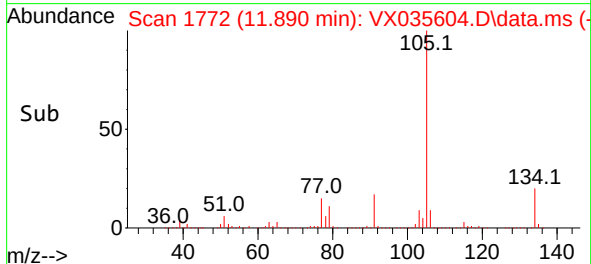
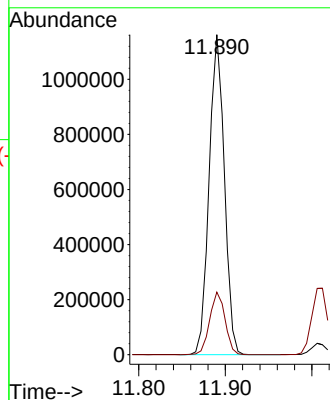
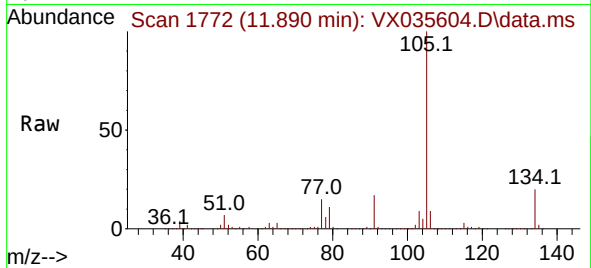




#85
 sec-Butylbenzene
 Concen: 102.158 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

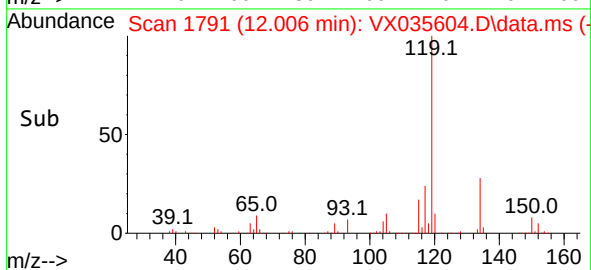
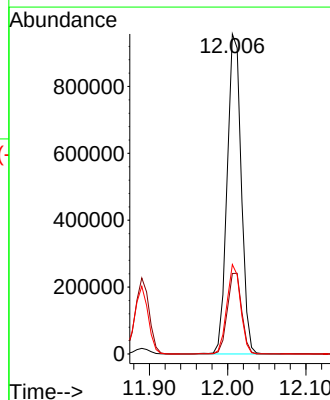
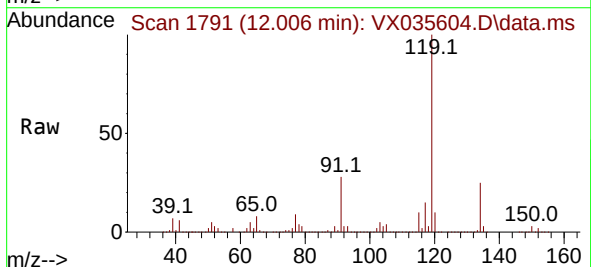
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

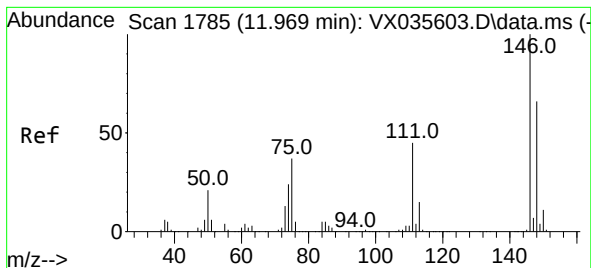
Tgt Ion:105 Resp: 1416606
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 105.005 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

Tgt Ion:119 Resp: 1197078
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 27.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 102.274 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

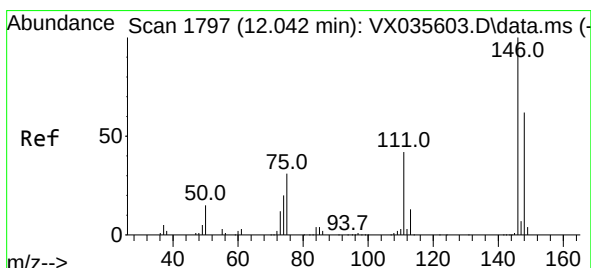
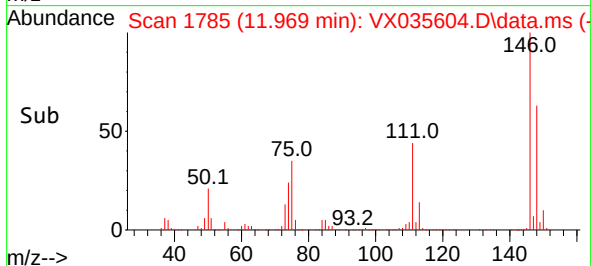
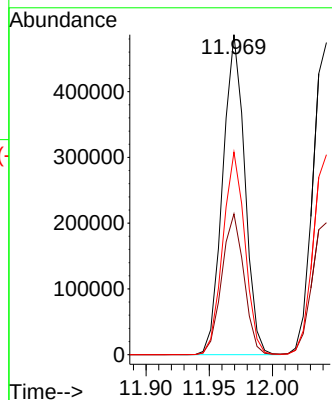
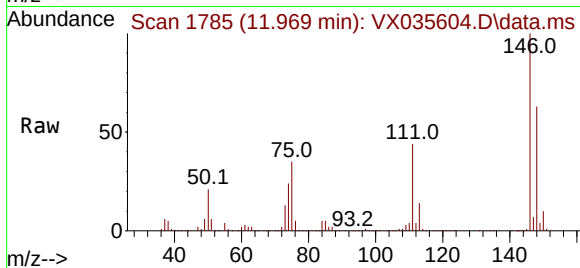
Tgt Ion:146 Resp: 589506

Ion Ratio Lower Upper

146 100

111 44.2 20.9 62.8

148 63.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 100.927 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

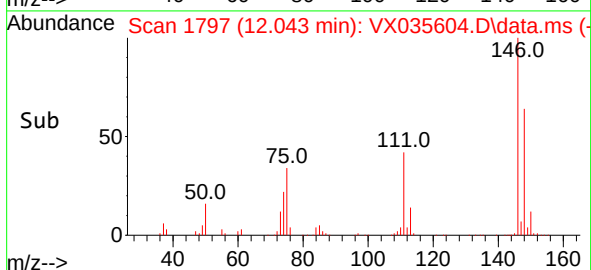
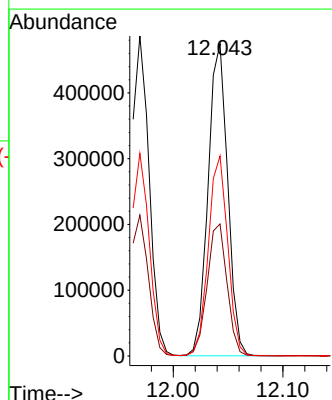
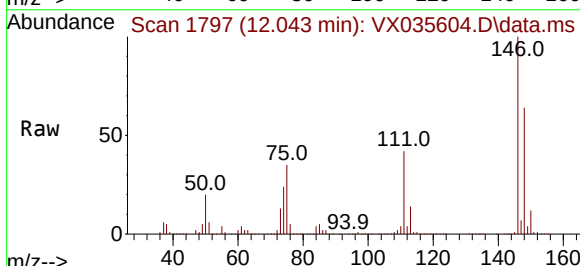
Tgt Ion:146 Resp: 587437

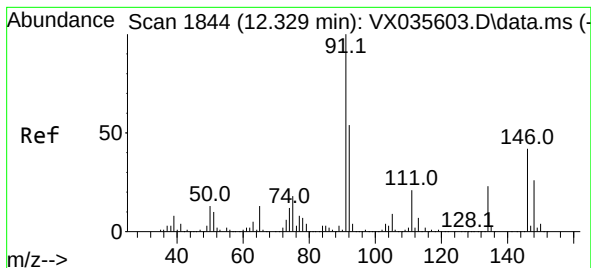
Ion Ratio Lower Upper

146 100

111 43.1 20.6 61.9

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 106.902 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035604.D

Acq: 11 May 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

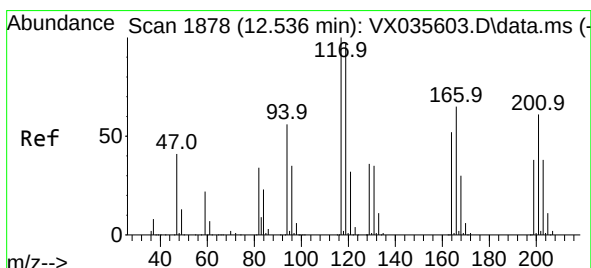
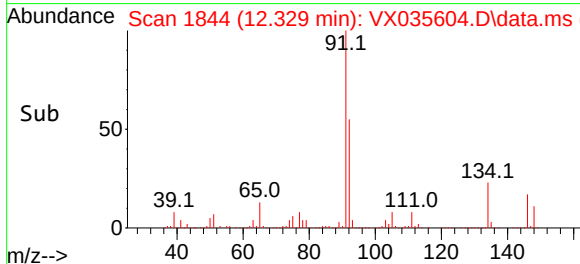
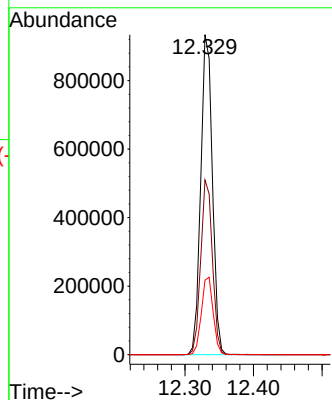
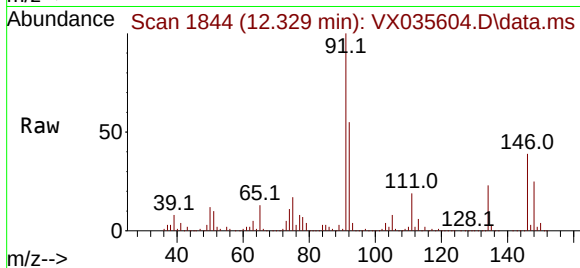
Tgt Ion: 91 Resp: 1108633

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

134 24.5 13.0 38.9



#90

Hexachloroethane

Concen: 113.978 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035604.D

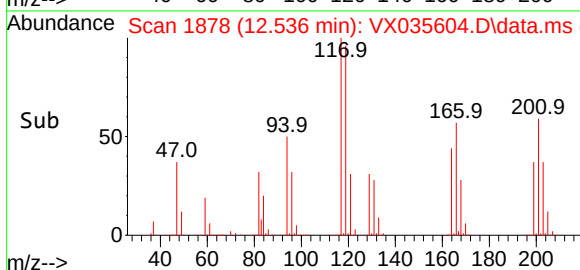
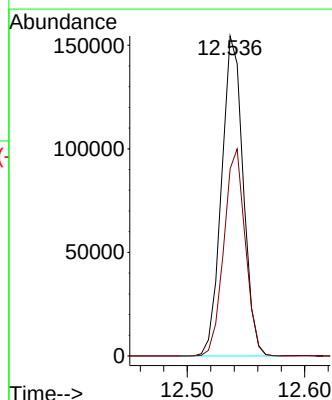
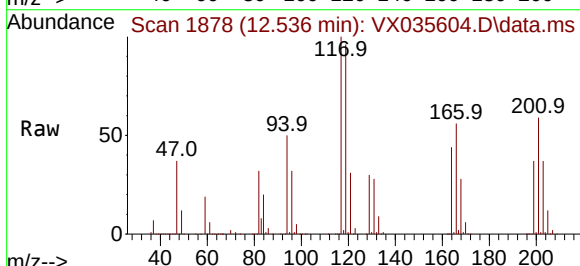
Acq: 11 May 2023 12:33

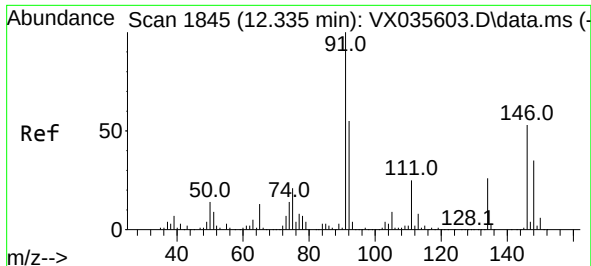
Tgt Ion: 117 Resp: 196944

Ion Ratio Lower Upper

117 100

201 64.4 34.4 103.1

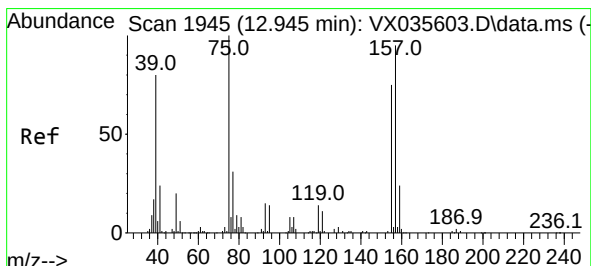
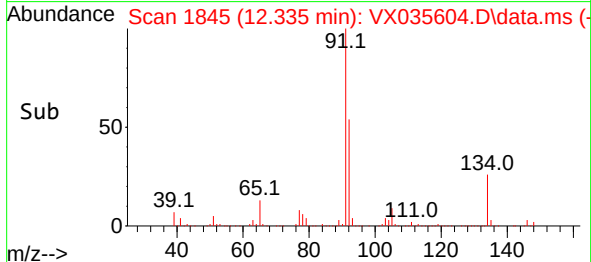
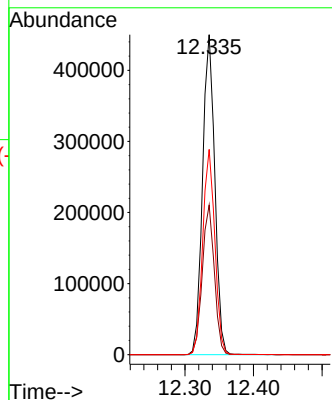
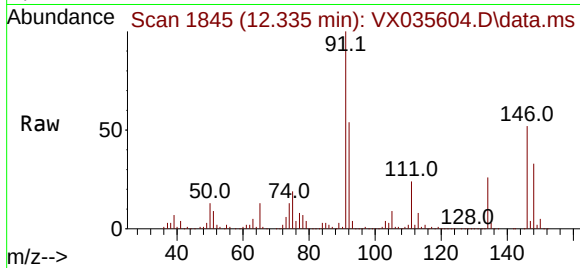




#91
 1,2-Dichlorobenzene
 Concen: 99.245 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

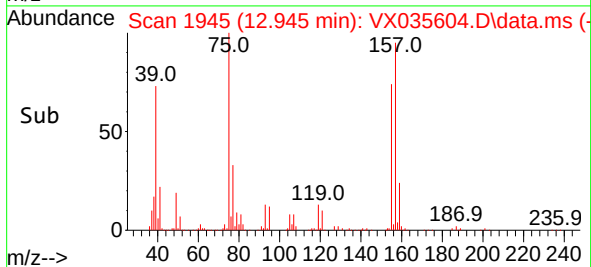
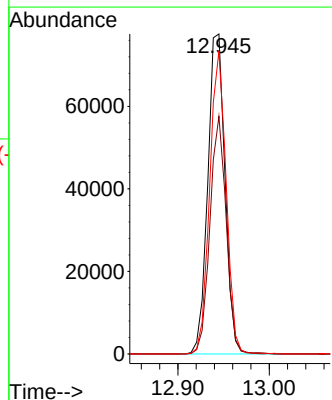
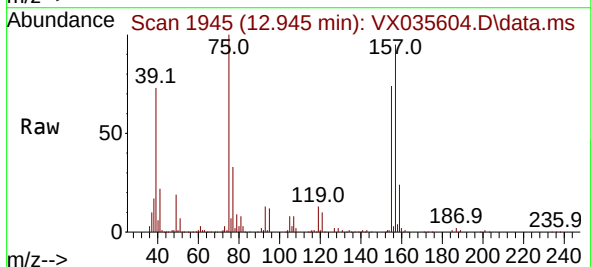
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

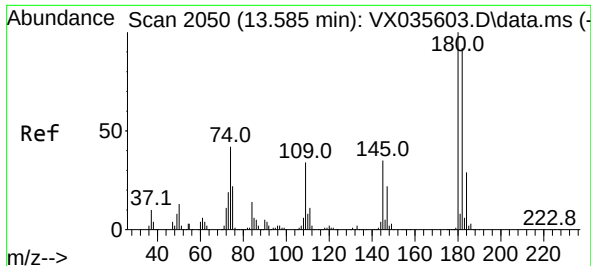
Tgt Ion:146 Resp: 560183
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.0 66.0
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.266 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX035604.D
 Acq: 11 May 2023 12:33

Tgt Ion: 75 Resp: 101651
 Ion Ratio Lower Upper
 75 100
 155 69.9 38.4 115.1
 157 90.1 49.9 149.7

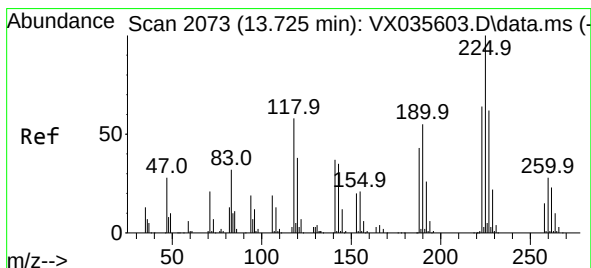
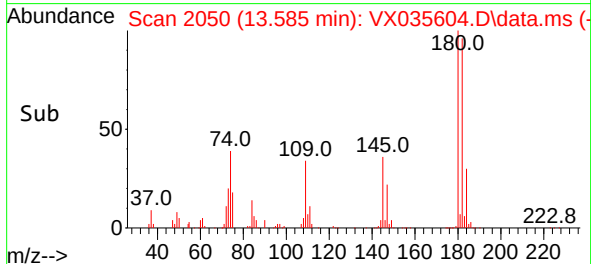
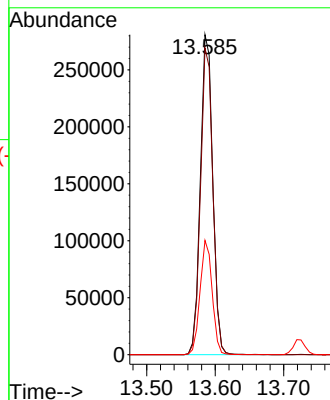
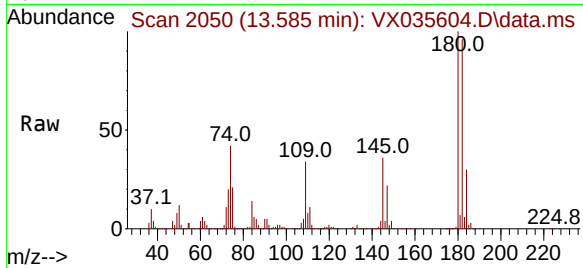




#93
1,2,4-Trichlorobenzene
Concen: 103.972 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

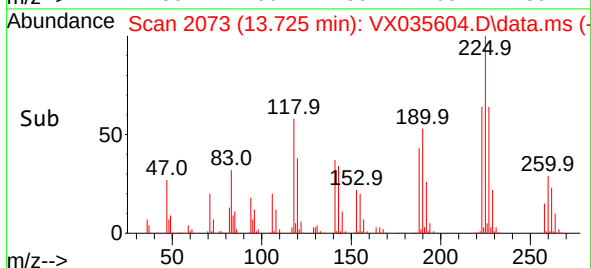
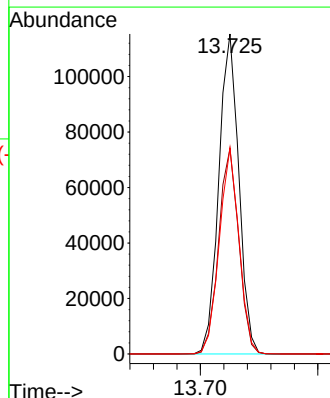
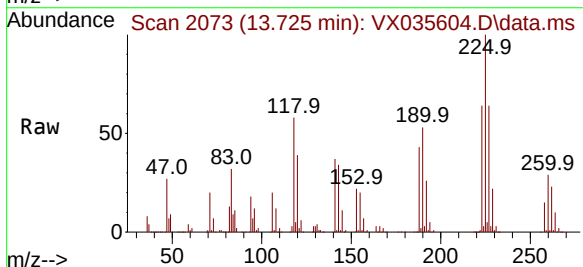
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

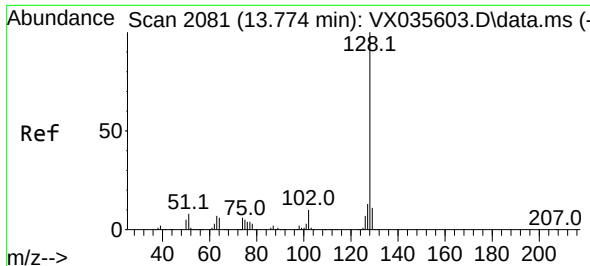
Tgt Ion:180 Resp: 353362
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 35.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 101.128 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:225 Resp: 136420
Ion Ratio Lower Upper
225 100
223 64.5 32.1 96.5
227 63.6 31.8 95.4

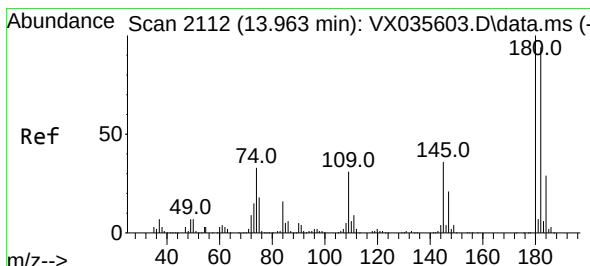
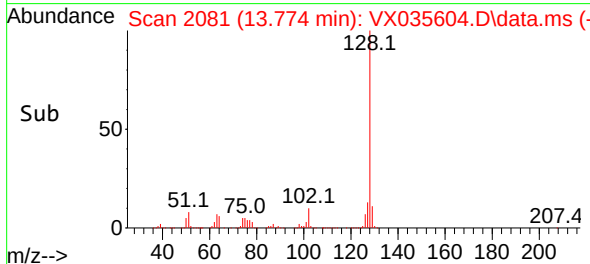
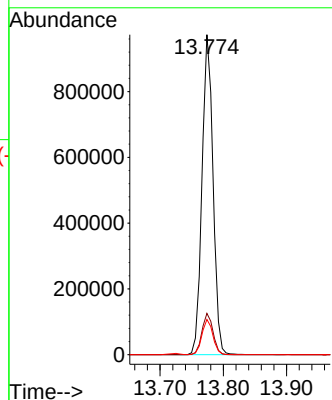
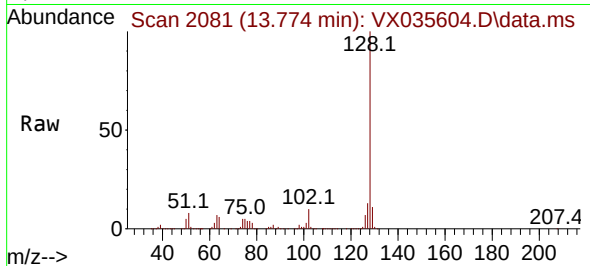




#95
Naphthalene
Concen: 101.521 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1181587
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 101.447 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035604.D
Acq: 11 May 2023 12:33

Tgt Ion:180 Resp: 339090
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.2
145 37.7 17.7 53.1

