

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035601.D
 Acq On : 11 May 2023 11:24
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 11 13:27:47 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	228945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	411547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	20698	5.182	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.360%#
35) Dibromofluoromethane	5.385	113	13754	4.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.920%#
50) Toluene-d8	8.647	98	51577	5.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.060%#
62) 4-Bromofluorobenzene	11.079	95	19413	4.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.400%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	14123	4.733	ug/l	97
3) Chloromethane	1.294	50	19530	5.394	ug/l	97
4) Vinyl Chloride	1.374	62	15100	4.914	ug/l	95
5) Bromomethane	1.617	94	8209	4.932	ug/l	87
6) Chloroethane	1.691	64	9545	5.120	ug/l	99
7) Trichlorofluoromethane	1.886	101	23238	5.143	ug/l	98
8) Diethyl Ether	2.130	74	8676	4.987	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	13317	4.964	ug/l	98
10) Methyl Iodide	2.453	142	9611	4.006	ug/l	90
11) Tert butyl alcohol	2.995	59	12646	17.993	ug/l	99
12) 1,1-Dichloroethene	2.319	96	12928	5.071	ug/l	83
13) Acrolein	2.239	56	22006	26.595	ug/l	97
14) Allyl chloride	2.666	41	26825	4.911	ug/l	93
15) Acrylonitrile	3.068	53	40294	25.968	ug/l	98
16) Acetone	2.392	43	44764	26.077	ug/l	95
17) Carbon Disulfide	2.514	76	27348	4.444	ug/l	98
18) Methyl Acetate	2.703	43	30653	4.842	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	53007	5.225	ug/l	96
20) Methylene Chloride	2.788	84	16219	5.213	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	14271	5.108	ug/l	99
22) Diisopropyl ether	3.757	45	55353	5.176	ug/l	98
23) Vinyl Acetate	3.721	43	194424	25.693	ug/l	96
24) 1,1-Dichloroethane	3.611	63	29647	5.183	ug/l	98
25) 2-Butanone	4.562	43	60091	25.287	ug/l	94
26) 2,2-Dichloropropane	4.471	77	22805	4.708	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	17367	5.171	ug/l	95
28) Bromochloromethane	4.903	49	12744	4.954	ug/l	# 15
29) Tetrahydrofuran	5.013	42	38538	25.800	ug/l	99
30) Chloroform	5.092	83	30103	5.136	ug/l	97
31) Cyclohexane	5.470	56	25537	5.061	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	25398	4.980	ug/l	98
36) 1,1-Dichloropropene	5.684	75	21848	4.987	ug/l	97
37) Ethyl Acetate	4.714	43	22893	5.010	ug/l	97
38) Carbon Tetrachloride	5.678	117	18974	4.572	ug/l	93
39) Methylcyclohexane	7.379	83	24986	4.845	ug/l	93
40) Benzene	6.044	78	62304	5.084	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 11 13:27:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	13115	4.834	ug/l	96
42) 1,2-Dichloroethane	6.086	62	26798	5.083	ug/l	98
43) Isopropyl Acetate	6.336	43	39748	4.988	ug/l	99
44) Trichloroethene	7.129	130	14707	4.733	ug/l	87
45) 1,2-Dichloropropane	7.427	63	15844	4.881	ug/l	92
46) Dibromomethane	7.580	93	11435	5.147	ug/l	95
47) Bromodichloromethane	7.818	83	19912	4.637	ug/l	99
48) Methyl methacrylate	7.690	41	19723	5.016	ug/l	96
49) 1,4-Dioxane	7.714	88	8378	98.609	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	119171	25.960	ug/l	98
52) Toluene	8.720	92	39392	5.092	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	20884	4.476	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	23395	4.680	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	15921	5.240	ug/l	97
56) Ethyl methacrylate	9.116	69	23497	4.775	ug/l	95
57) 1,3-Dichloropropane	9.305	76	28626	5.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	58095	23.208	ug/l	98
59) 2-Hexanone	9.433	43	89753	25.962	ug/l	99
60) Dibromochloromethane	9.518	129	13075	4.514	ug/l	98
61) 1,2-Dibromoethane	9.610	107	15996	4.997	ug/l	98
64) Tetrachloroethene	9.275	164	12133	5.053	ug/l	97
65) Chlorobenzene	10.079	112	39323	5.051	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	13646	4.957	ug/l	99
67) Ethyl Benzene	10.189	91	74780	5.108	ug/l	93
68) m/p-Xylenes	10.299	106	55638	10.281	ug/l	93
69) o-Xylene	10.640	106	27680	5.154	ug/l	94
70) Styrene	10.652	104	43927	5.075	ug/l	98
71) Bromoform	10.799	173	8089	4.466	ug/l #	95
73) Isopropylbenzene	10.963	105	70713	5.152	ug/l	97
74) N-amyl acetate	10.841	43	32957	5.150	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23975	5.385	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25164	6.449	ug/l	83
77) Bromobenzene	11.195	156	15929	5.113	ug/l	90
78) n-propylbenzene	11.305	91	81795	5.070	ug/l	98
79) 2-Chlorotoluene	11.366	91	52641	5.211	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	59122	5.068	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	4938	3.994	ug/l #	76
82) 4-Chlorotoluene	11.451	91	60071	5.164	ug/l	98
83) tert-Butylbenzene	11.713	119	57114	5.037	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	59734	5.100	ug/l	97
85) sec-Butylbenzene	11.890	105	72696	5.106	ug/l	98
86) p-Isopropyltoluene	12.006	119	57915	4.948	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	29638	5.008	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	30396	5.086	ug/l	92
89) n-Butylbenzene	12.329	91	51188	4.808	ug/l	98
90) Hexachloroethane	12.536	117	7765	4.377	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	29962	5.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4752	4.793	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	16644	4.770	ug/l	96
94) Hexachlorobutadiene	13.725	225	6682	4.825	ug/l	97
95) Naphthalene	13.774	128	60855	5.093	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16788	4.892	ug/l	95

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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

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Quant Title : SW846 8260
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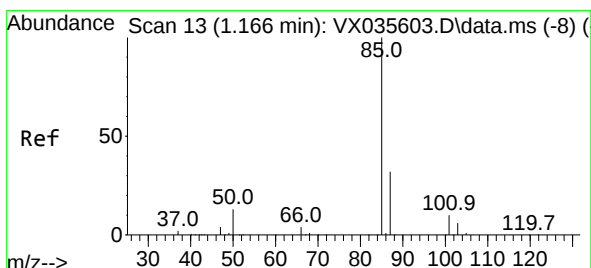
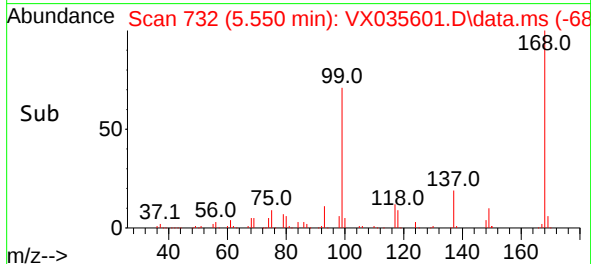
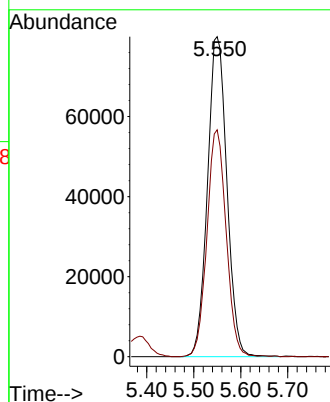
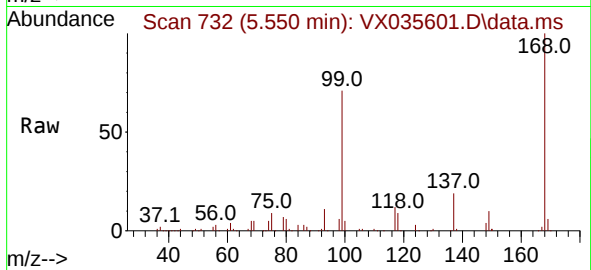




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

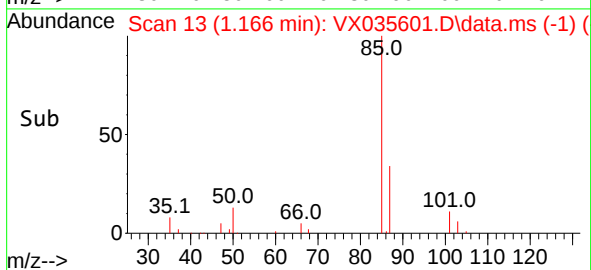
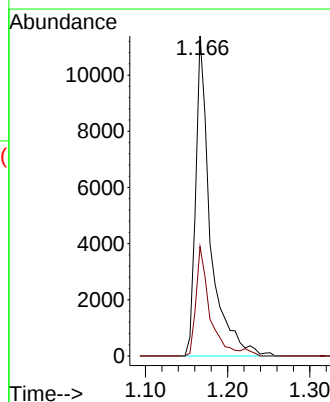
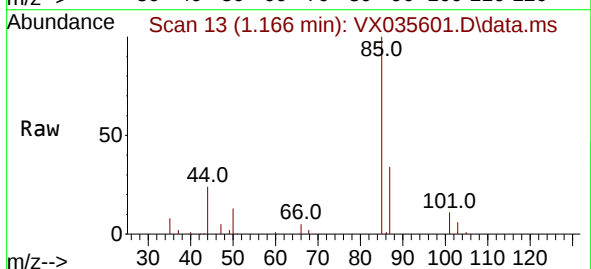
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ClientSampleId :
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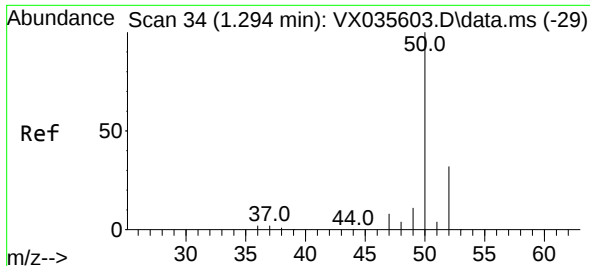
Tgt Ion:168 Resp: 228945
Ion Ratio Lower Upper
168 100
99 70.9 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 4.733 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 85 Resp: 14123
Ion Ratio Lower Upper
85 100
87 34.1 16.4 49.1

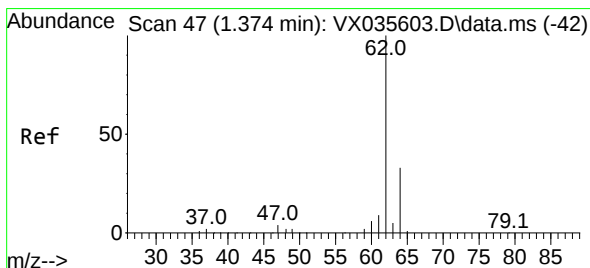
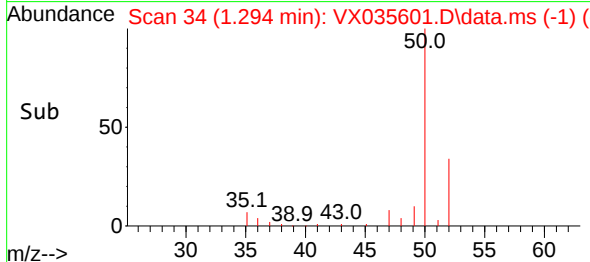
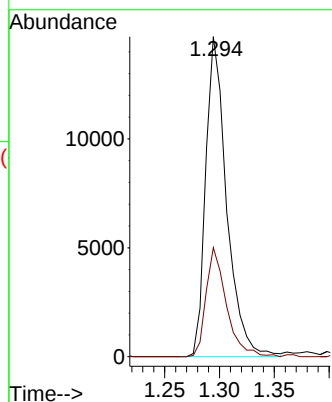
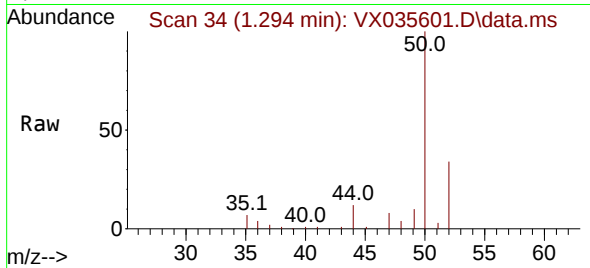




#3
Chloromethane
Concen: 5.394 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

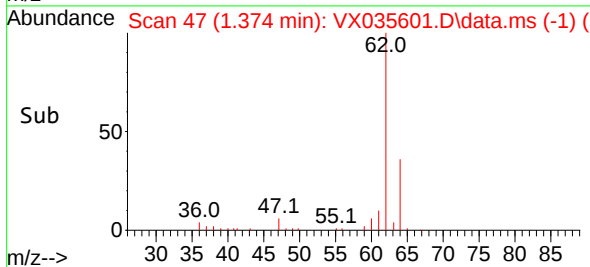
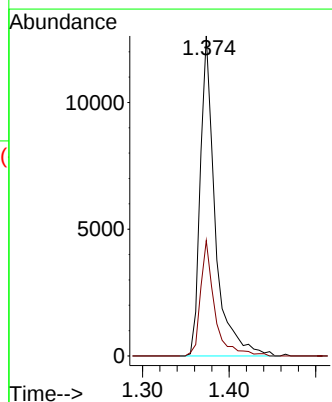
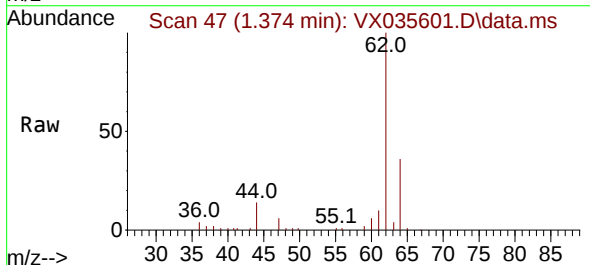
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

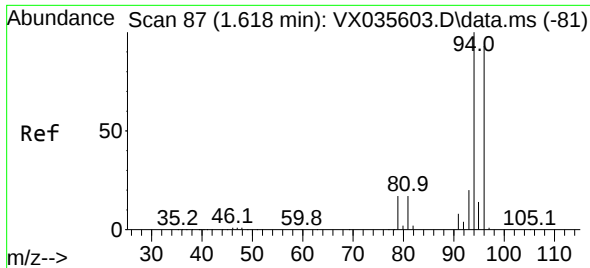
Tgt Ion: 50 Resp: 19530
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9



#4
Vinyl Chloride
Concen: 4.914 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 62 Resp: 15100
Ion Ratio Lower Upper
62 100
64 36.0 26.4 39.6

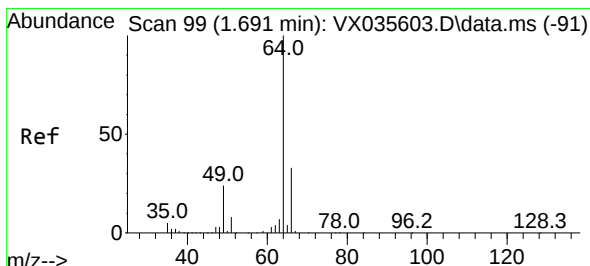
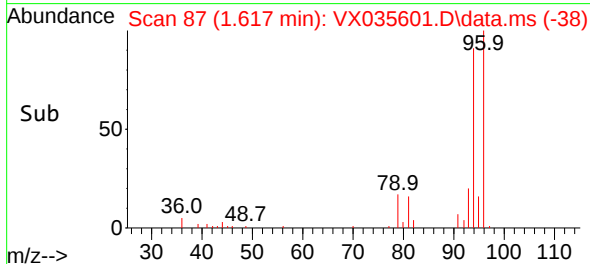
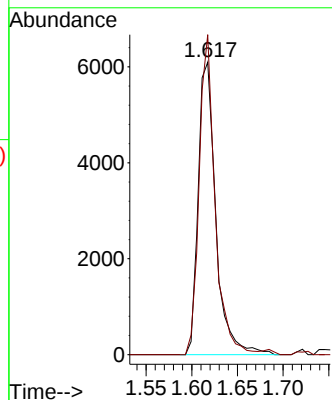
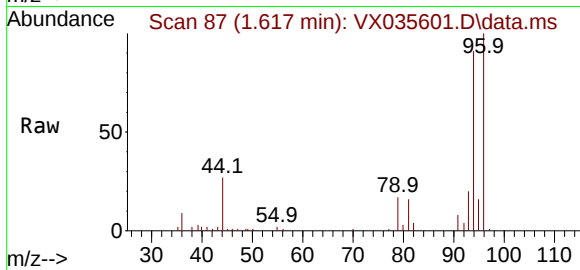




#5
Bromomethane
Concen: 4.932 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

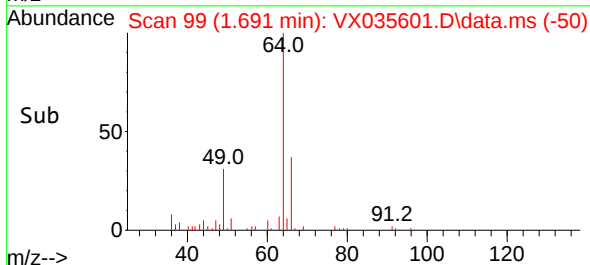
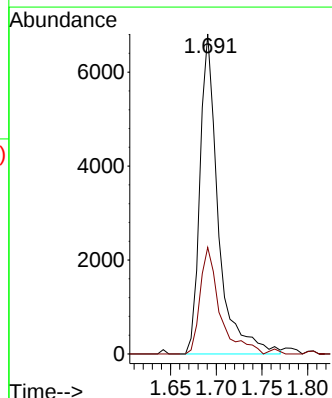
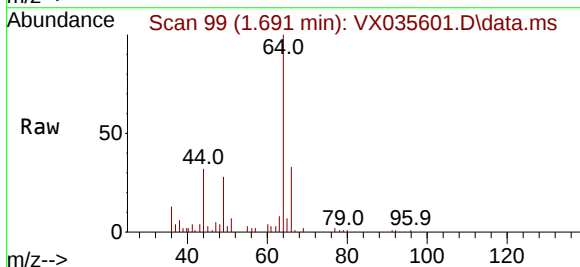
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

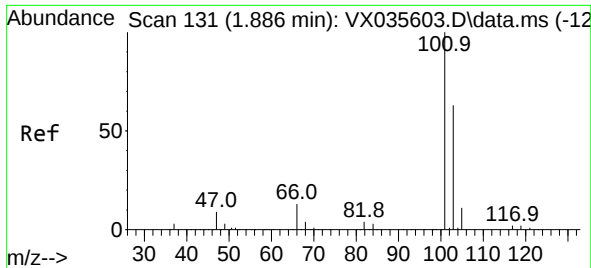
Tgt Ion: 94 Resp: 8209
Ion Ratio Lower Upper
94 100
96 109.4 77.0 115.6



#6
Chloroethane
Concen: 5.120 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 64 Resp: 9545
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4

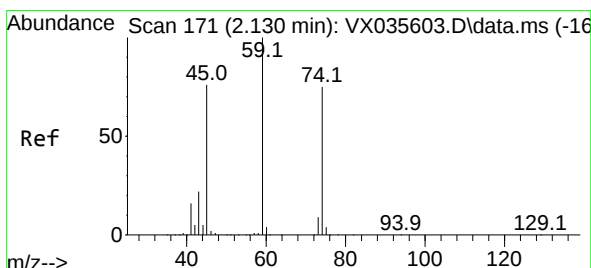
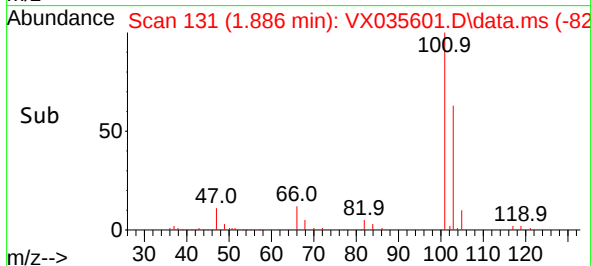
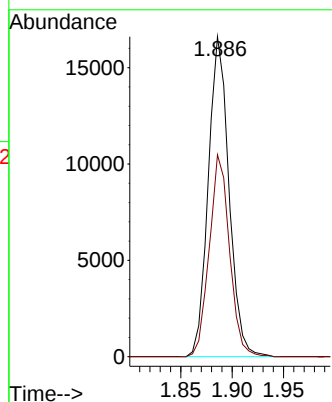
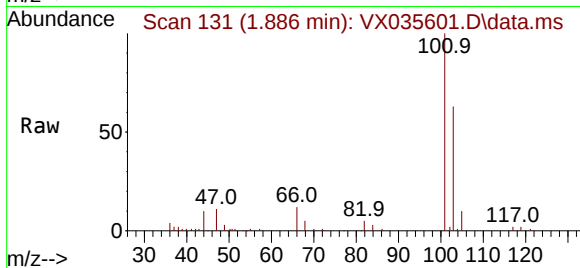




#7
Trichlorofluoromethane
Concen: 5.143 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

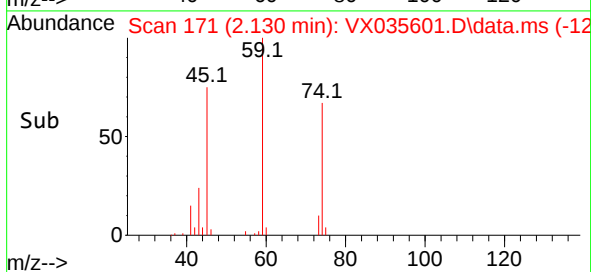
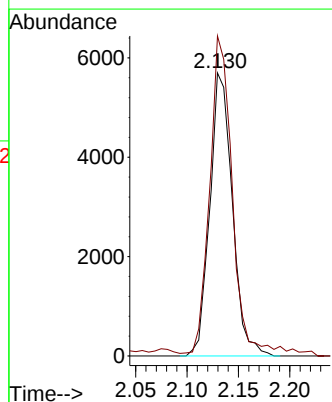
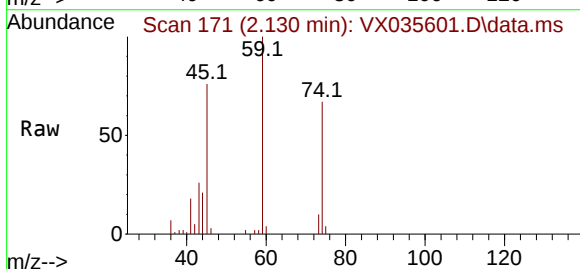
Instrument :
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VSTDICC005

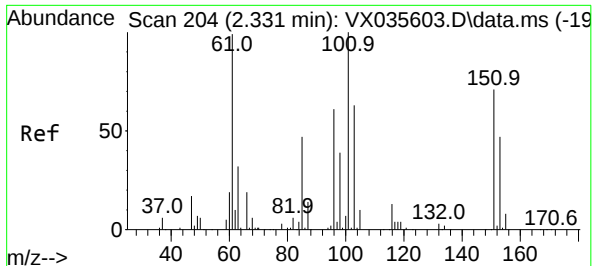
Tgt Ion:101 Resp: 23238
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0



#8
Diethyl Ether
Concen: 4.987 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 74 Resp: 8676
Ion Ratio Lower Upper
74 100
45 115.9 49.8 149.3

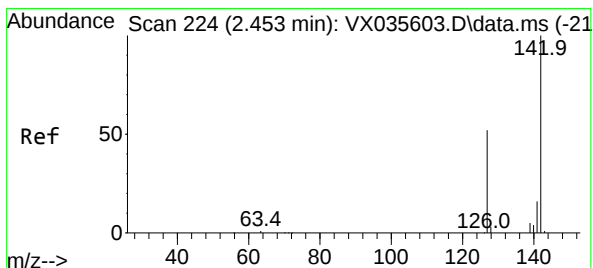
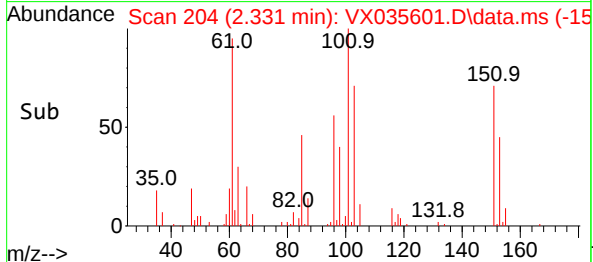
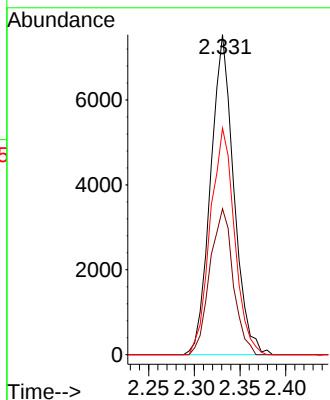
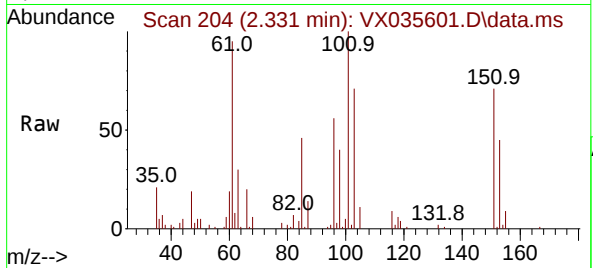




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.964 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

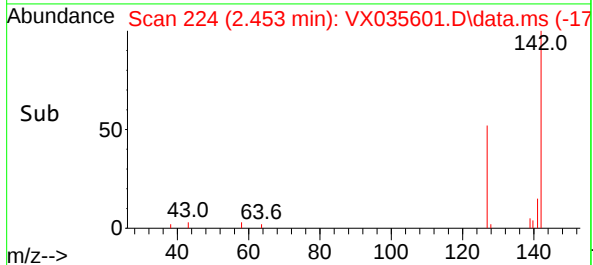
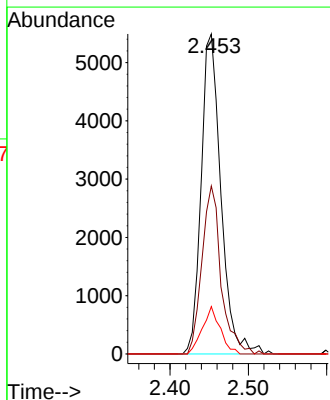
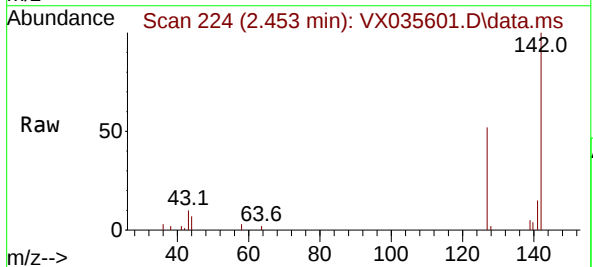
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

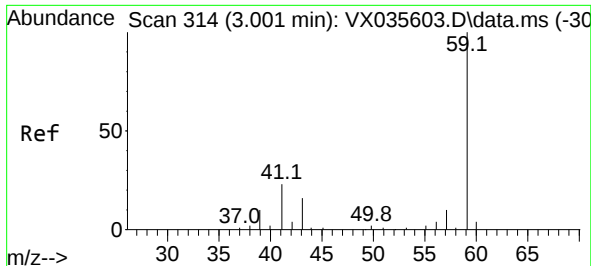
Tgt Ion:101 Resp: 13317
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.2
151 73.8 60.2 90.4



#10
Methyl Iodide
Concen: 4.006 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion:142 Resp: 9611
Ion Ratio Lower Upper
142 100
127 50.9 34.0 51.0
141 13.3 11.1 16.7





#11

Tert butyl alcohol

Concen: 17.993 ug/l

RT: 2.995 min Scan# 314

Delta R.T. -0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

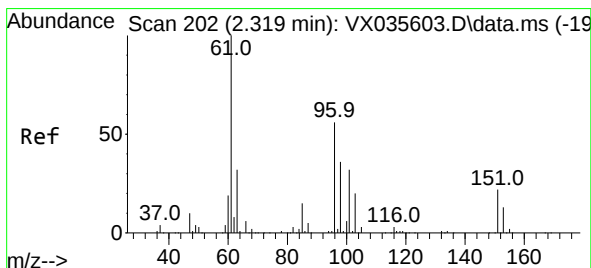
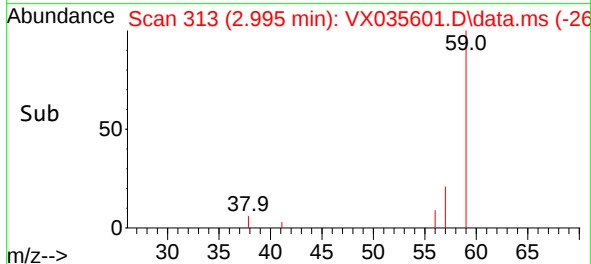
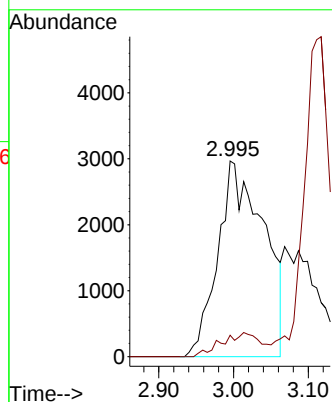
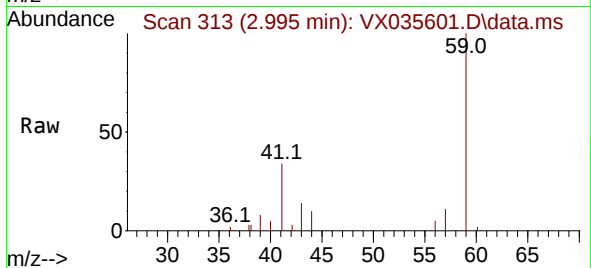
VSTDIC005

Tgt Ion: 59 Resp: 12646

Ion Ratio Lower Upper

59 100

57 10.6 8.1 12.1



#12

1,1-Dichloroethene

Concen: 5.071 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

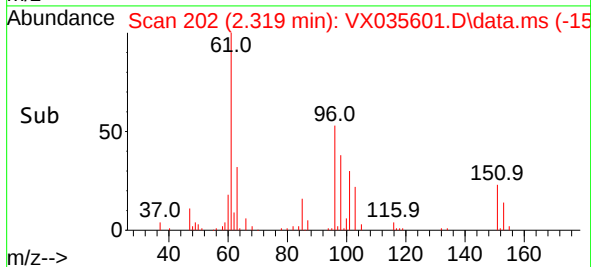
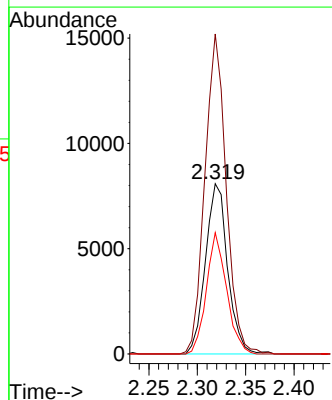
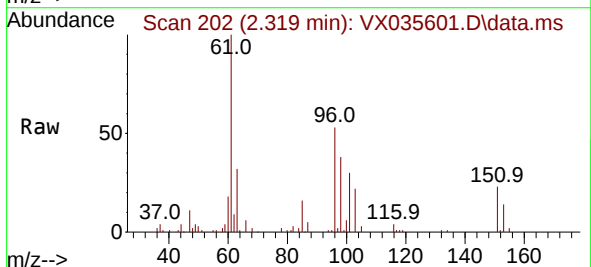
Tgt Ion: 96 Resp: 12928

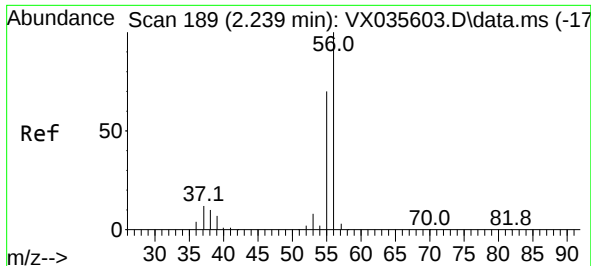
Ion Ratio Lower Upper

96 100

61 187.9 128.8 193.2

98 71.2 51.4 77.0

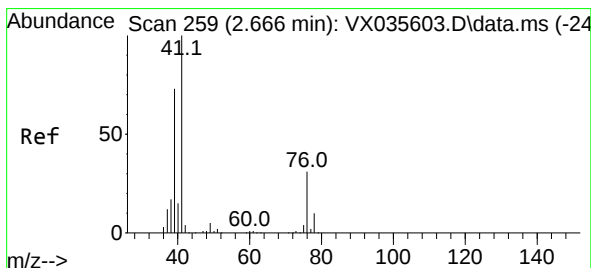
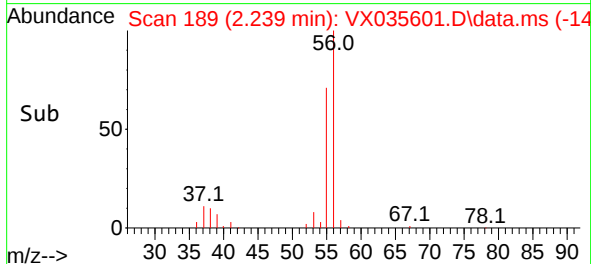
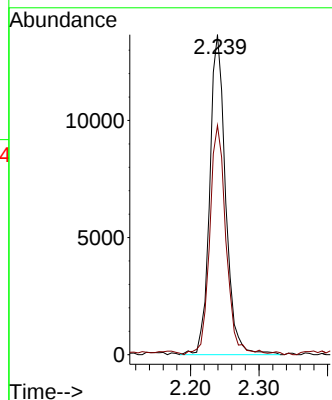
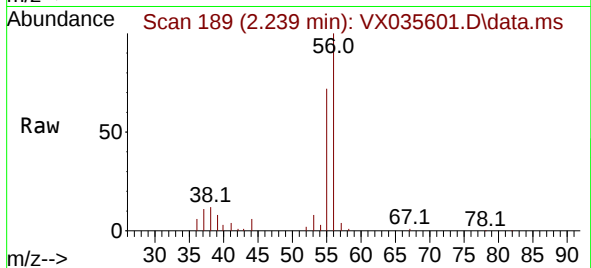




#13
Acrolein
Concen: 26.595 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

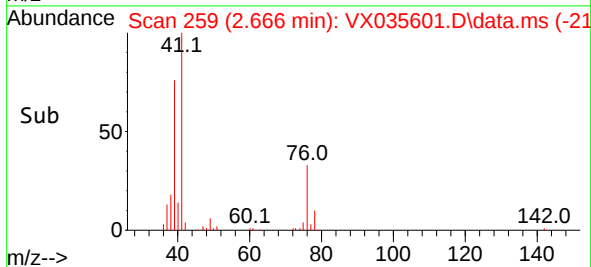
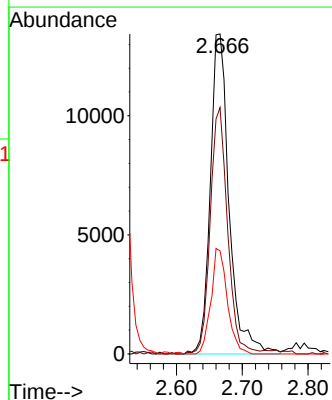
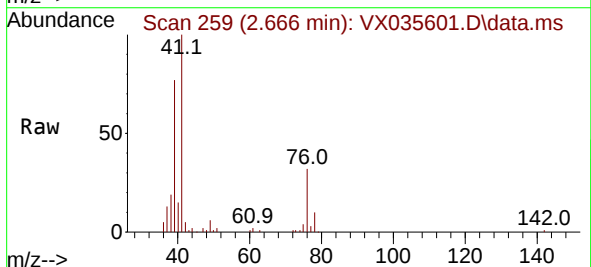
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

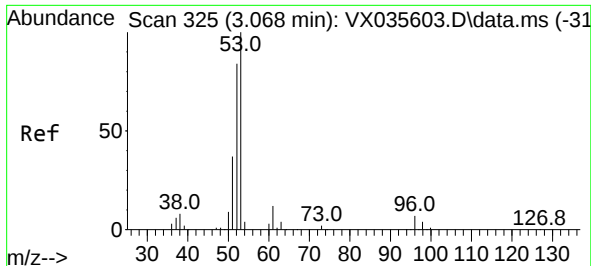
Tgt Ion: 56 Resp: 22006
Ion Ratio Lower Upper
56 100
55 73.6 56.6 85.0



#14
Allyl chloride
Concen: 4.911 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 41 Resp: 26825
Ion Ratio Lower Upper
41 100
39 70.7 52.4 78.6
76 28.6 26.0 39.0

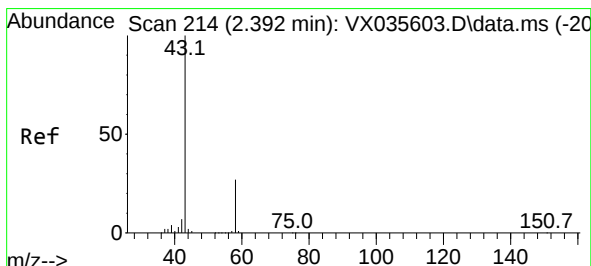
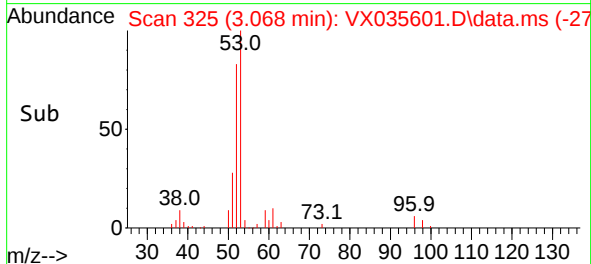
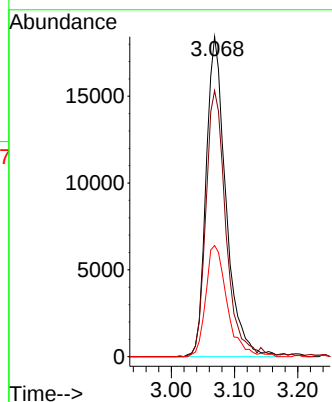
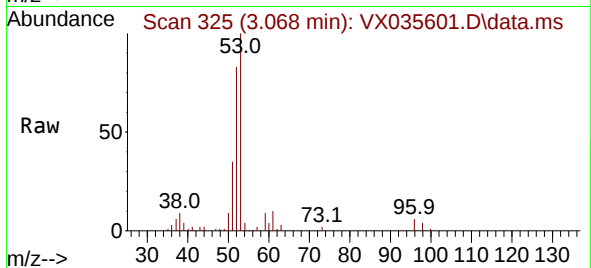




#15
Acrylonitrile
Concen: 25.968 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

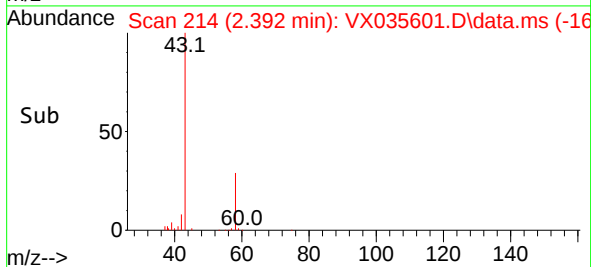
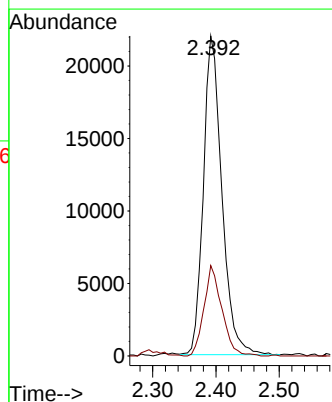
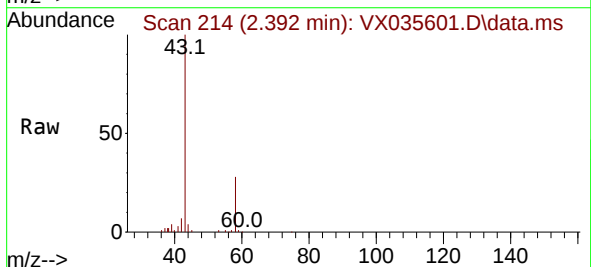
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

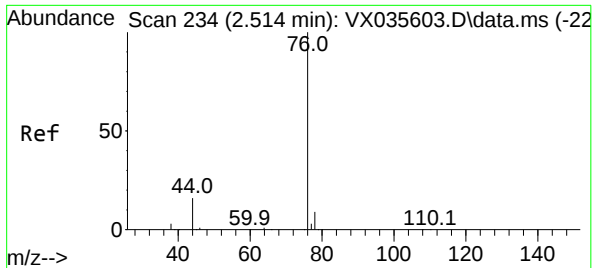
Tgt Ion: 53 Resp: 40294
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.5 28.3 42.5



#16
Acetone
Concen: 26.077 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 43 Resp: 44764
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1

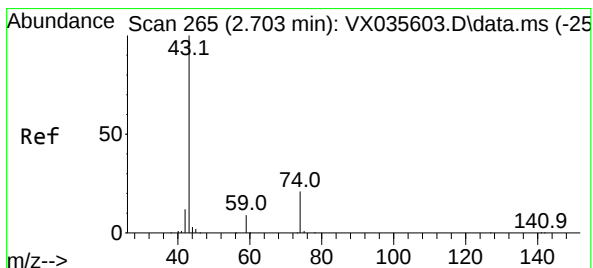
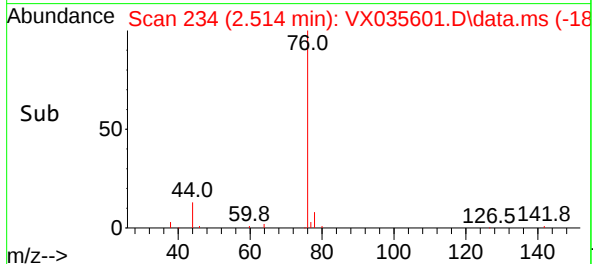
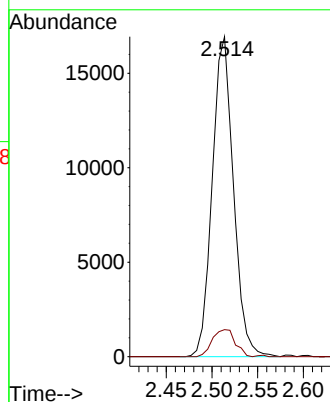
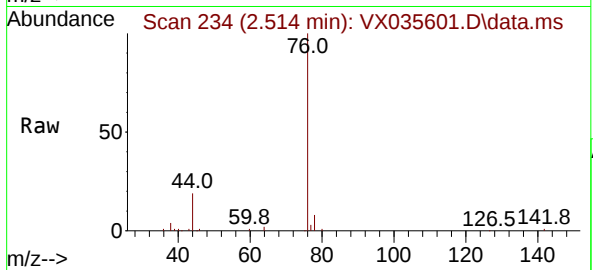




#17
Carbon Disulfide
Concen: 4.444 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

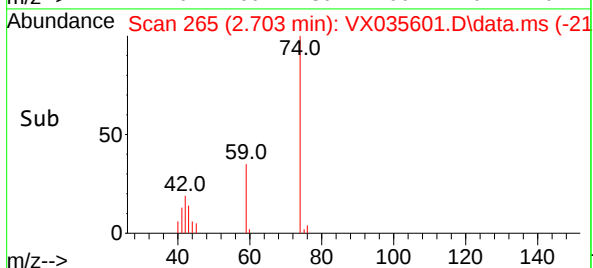
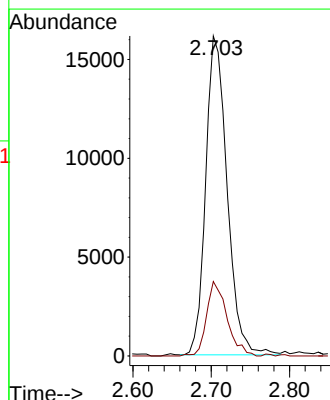
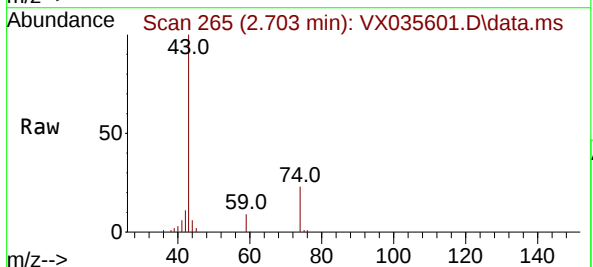
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

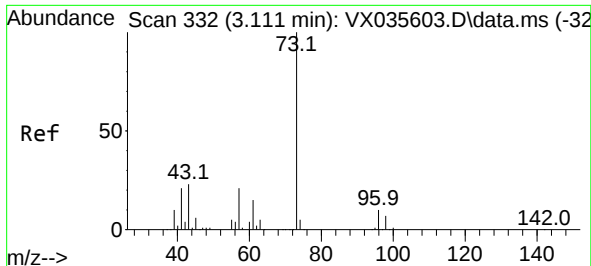
Tgt Ion: 76 Resp: 27348
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 4.842 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 43 Resp: 30653
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 5.225 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

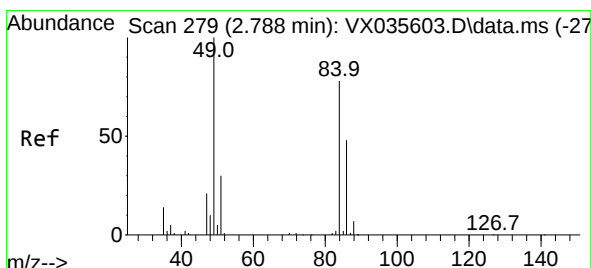
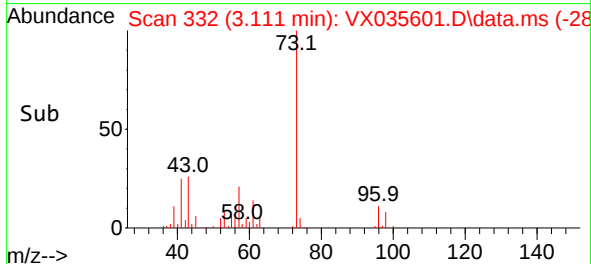
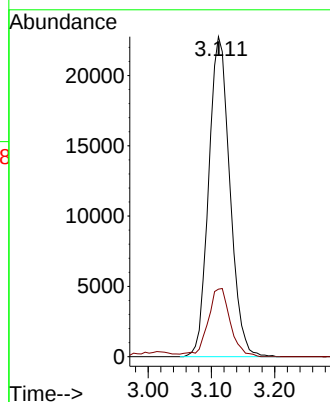
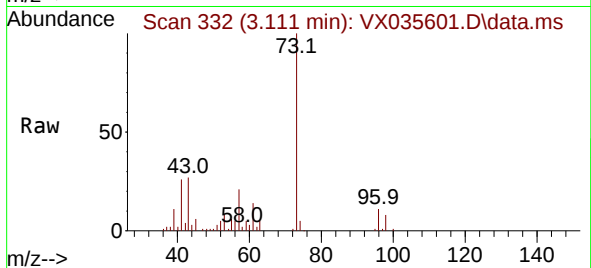
VSTDIC005

Tgt Ion: 73 Resp: 53007

Ion Ratio Lower Upper

73 100

57 21.1 18.5 27.7



#20

Methylene Chloride

Concen: 5.213 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Tgt Ion: 84 Resp: 16219

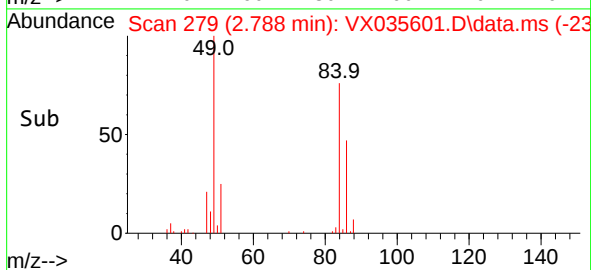
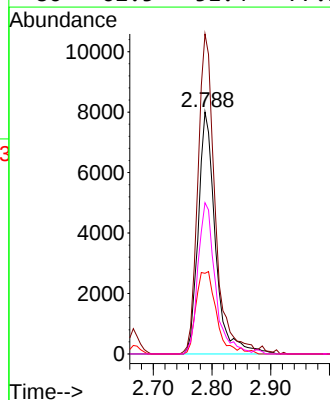
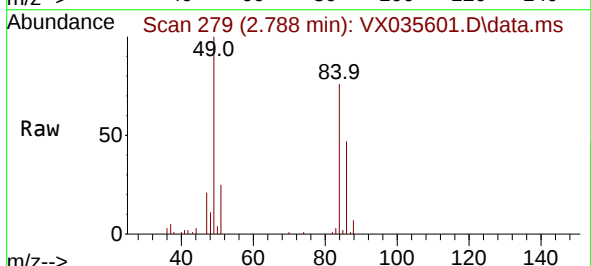
Ion Ratio Lower Upper

84 100

49 132.3 103.8 155.8

51 33.3 31.8 47.8

86 62.5 51.4 77.2

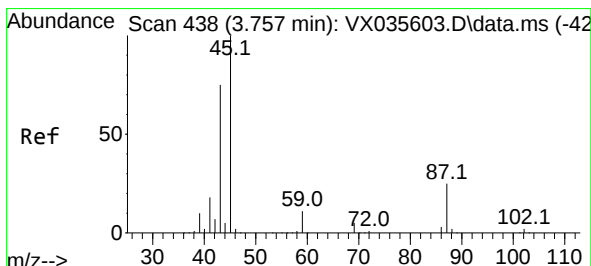
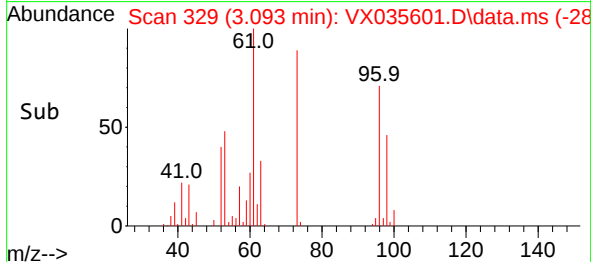
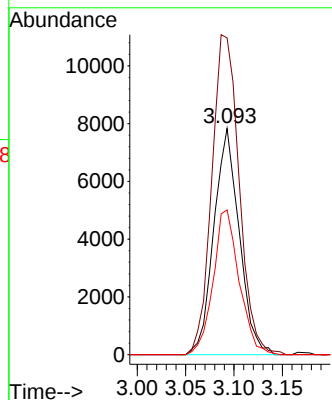
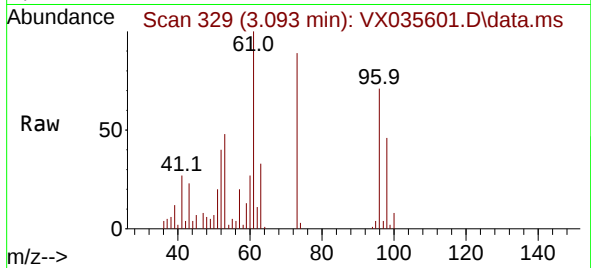




#21
trans-1,2-Dichloroethene
Concen: 5.108 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

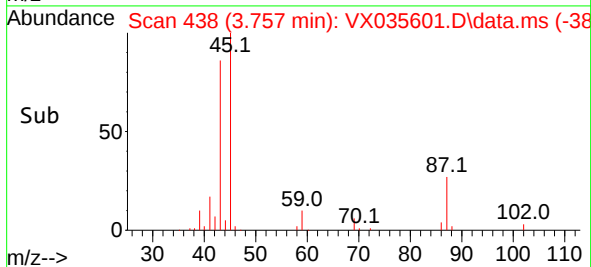
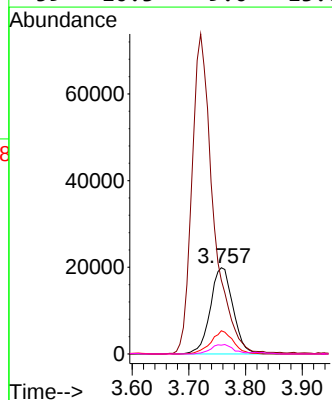
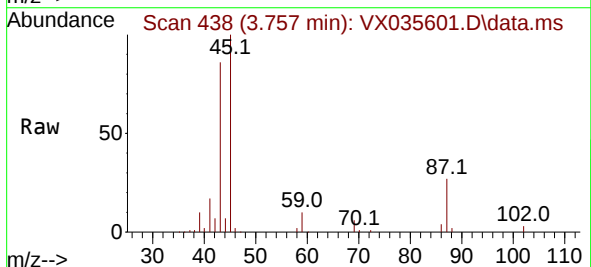
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

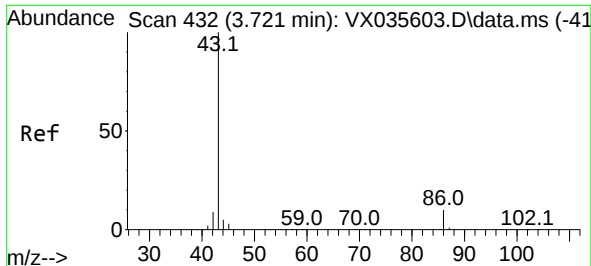
Tgt Ion: 96 Resp: 14271
Ion Ratio Lower Upper
96 100
61 140.0 113.0 169.6
98 64.0 52.1 78.1



#22
Diisopropyl ether
Concen: 5.176 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 45 Resp: 55353
Ion Ratio Lower Upper
45 100
43 83.7 65.4 98.2
87 26.8 20.6 31.0
59 10.3 9.0 13.6

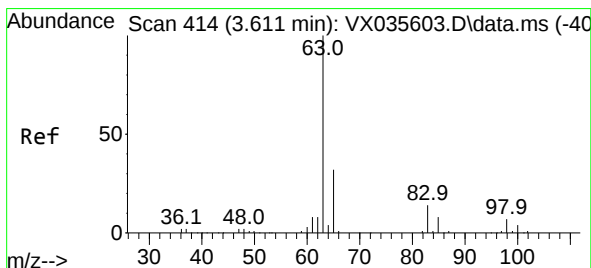
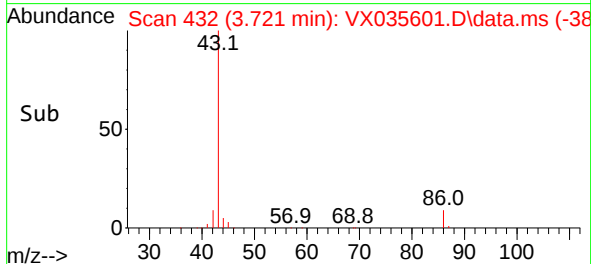
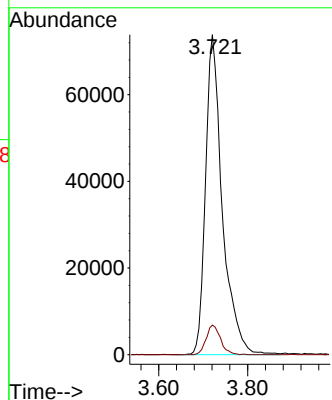
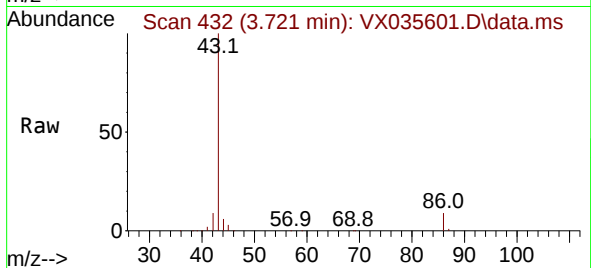




#23
 Vinyl Acetate
 Concen: 25.693 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035601.D
 Acq: 11 May 2023 11:24

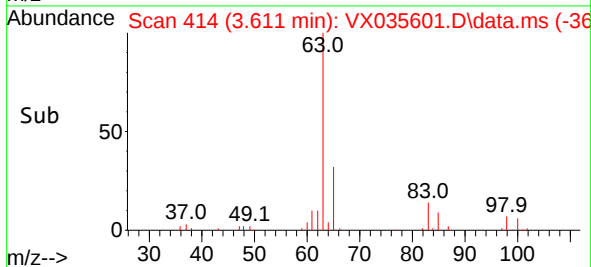
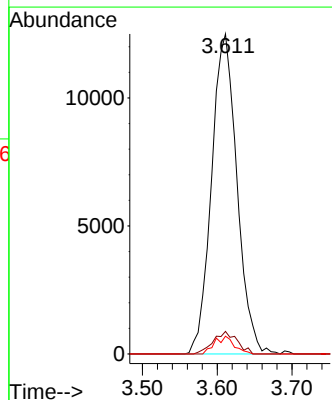
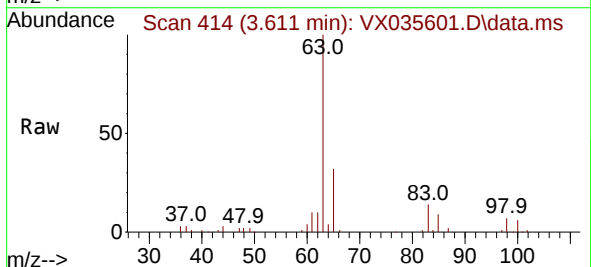
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

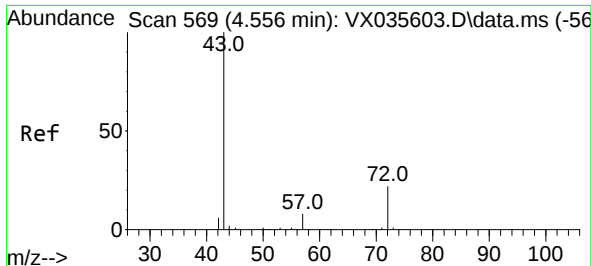
Tgt Ion: 43 Resp: 194424
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 5.183 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035601.D
 Acq: 11 May 2023 11:24

Tgt Ion: 63 Resp: 29647
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 5.5 2.4 7.1





#25

2-Butanone

Concen: 25.287 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

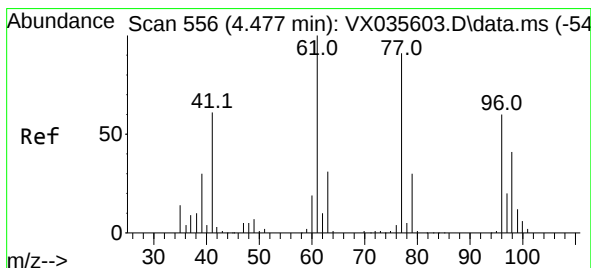
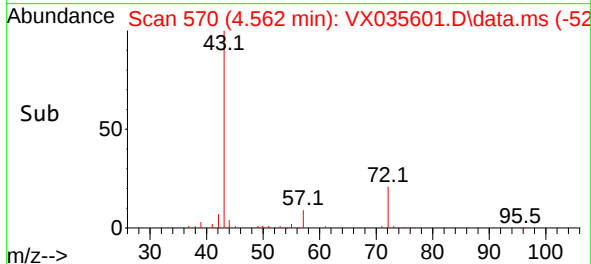
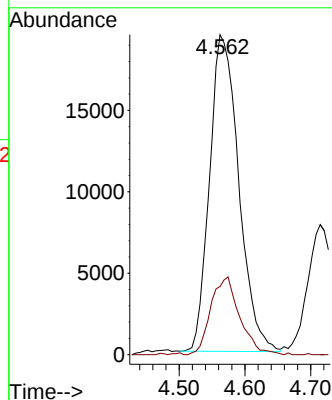
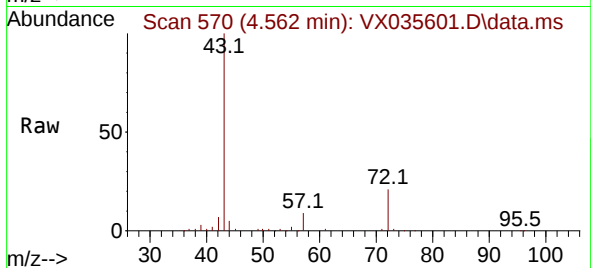
VSTDIC005

Tgt Ion: 43 Resp: 60091

Ion Ratio Lower Upper

43 100

72 21.2 19.3 28.9



#26

2,2-Dichloropropane

Concen: 4.708 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX035601.D

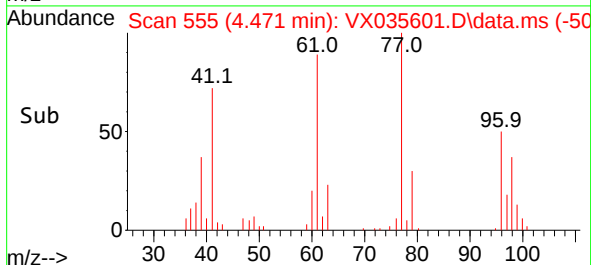
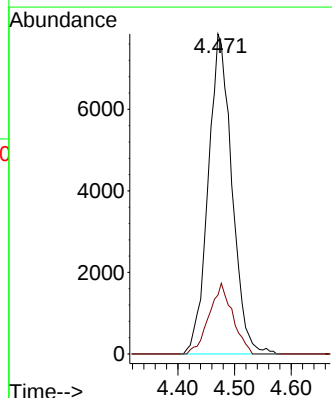
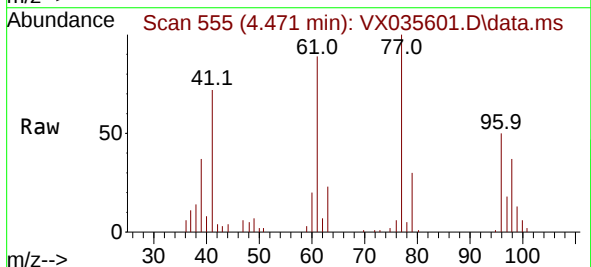
Acq: 11 May 2023 11:24

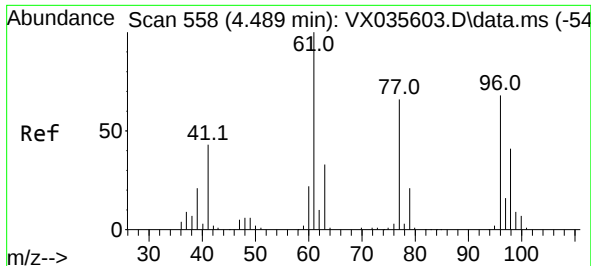
Tgt Ion: 77 Resp: 22805

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.171 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

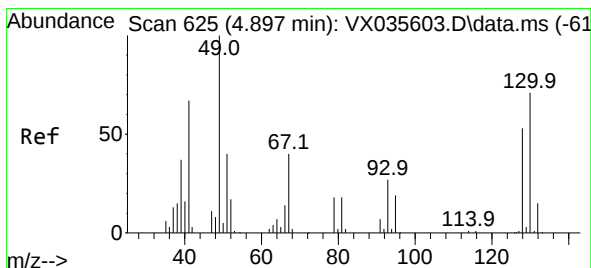
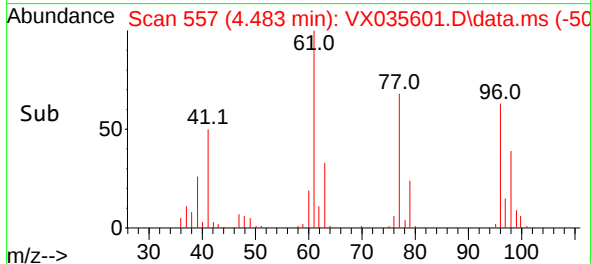
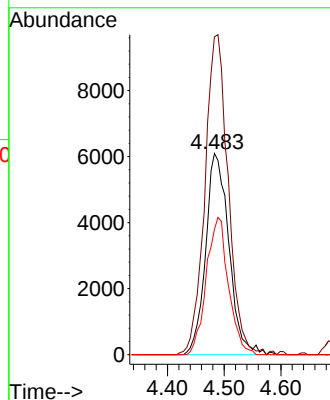
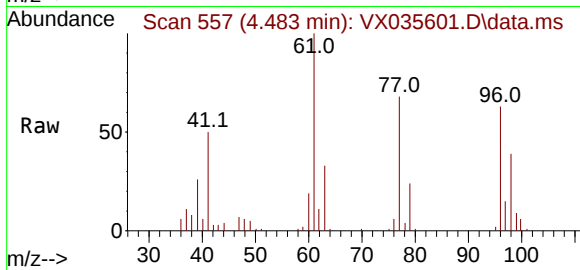
Tgt Ion: 96 Resp: 17367

Ion Ratio Lower Upper

96 100

61 159.0 0.0 300.4

98 64.8 0.0 129.0



#28

Bromochloromethane

Concen: 4.954 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

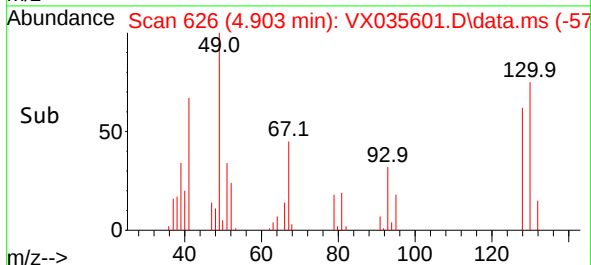
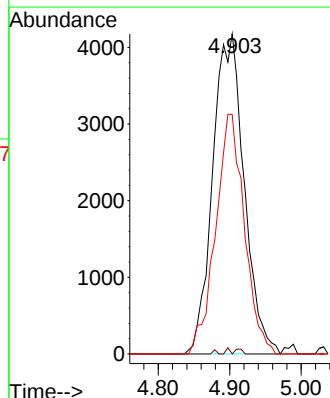
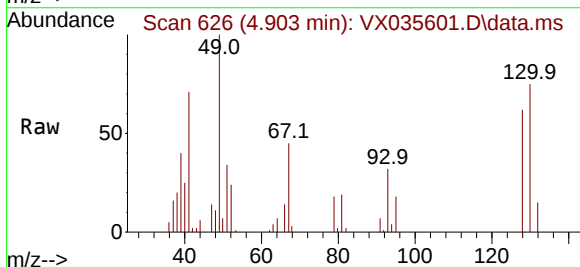
Tgt Ion: 49 Resp: 12744

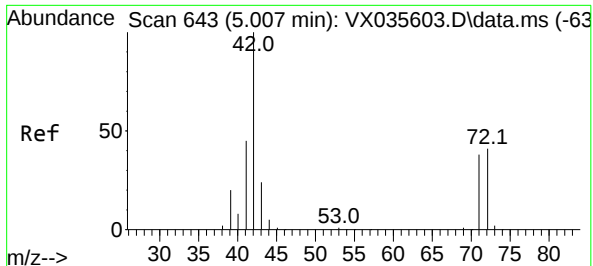
Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.0

130 0.0 58.2 87.2#





#29

Tetrahydrofuran

Concen: 25.800 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

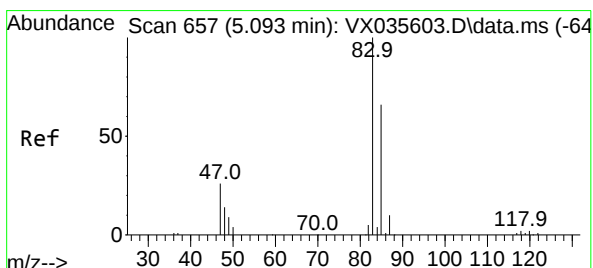
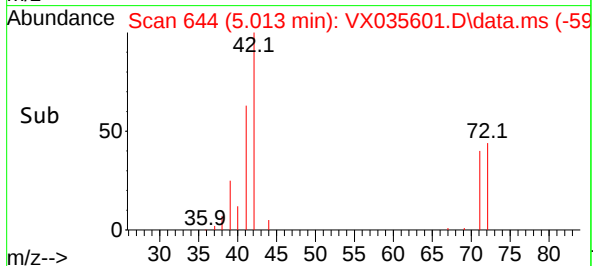
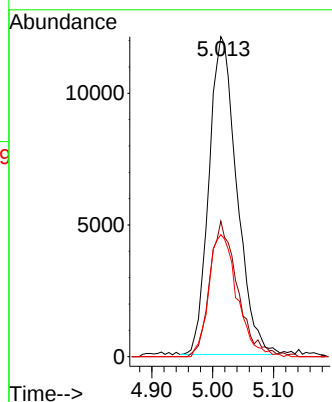
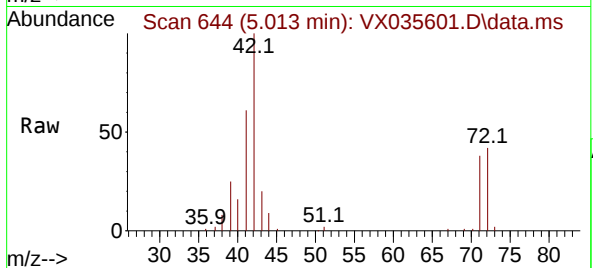
Tgt Ion: 42 Resp: 38538

Ion Ratio Lower Upper

42 100

72 42.5 34.5 51.7

71 39.0 32.1 48.1



#30

Chloroform

Concen: 5.136 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035601.D

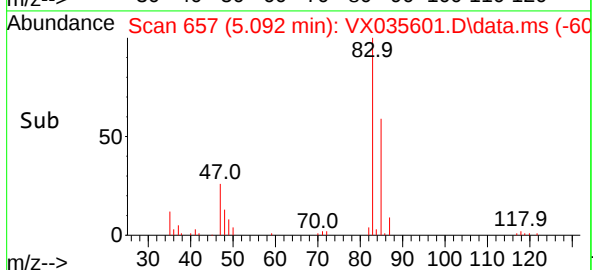
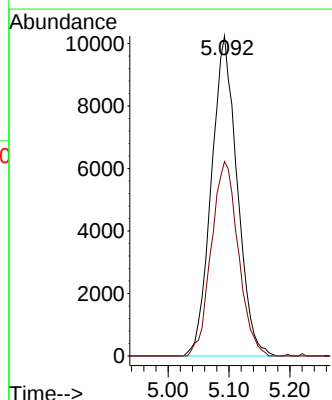
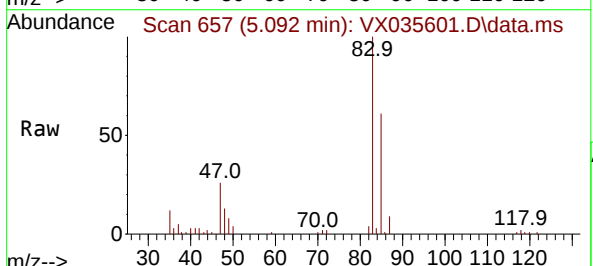
Acq: 11 May 2023 11:24

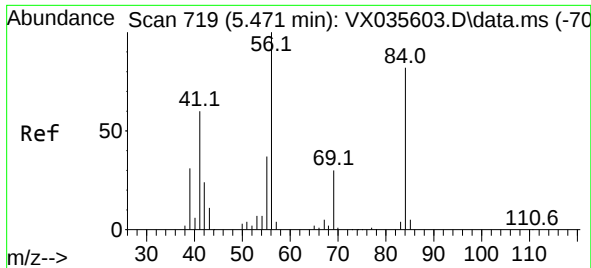
Tgt Ion: 83 Resp: 30103

Ion Ratio Lower Upper

83 100

85 60.7 50.6 76.0

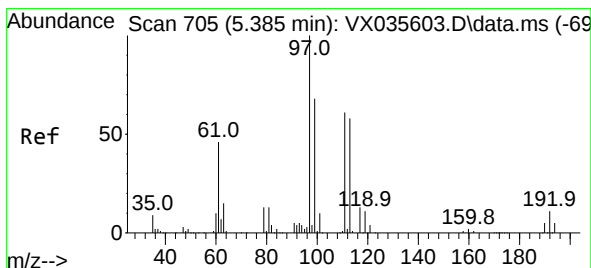
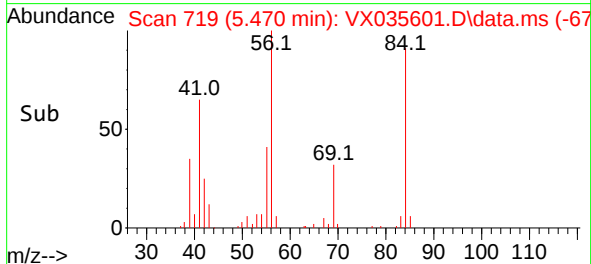
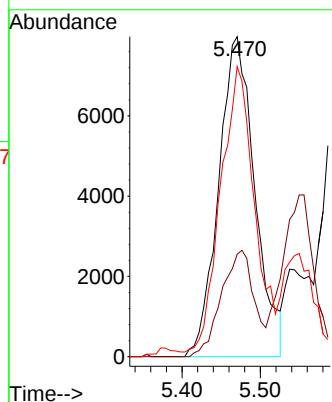
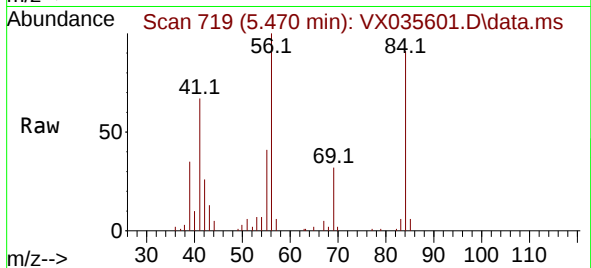




#31
Cyclohexane
Concen: 5.061 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

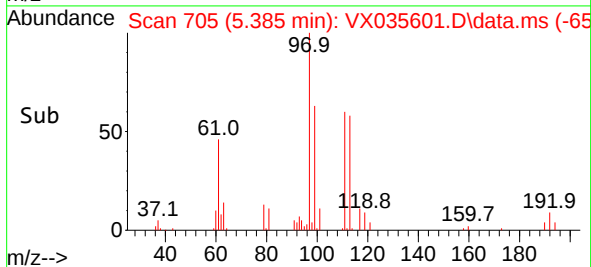
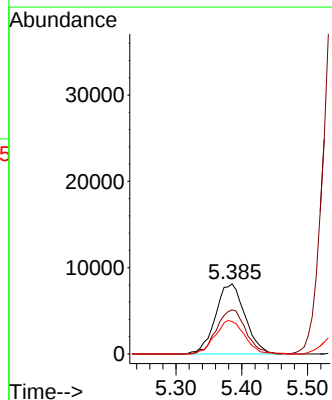
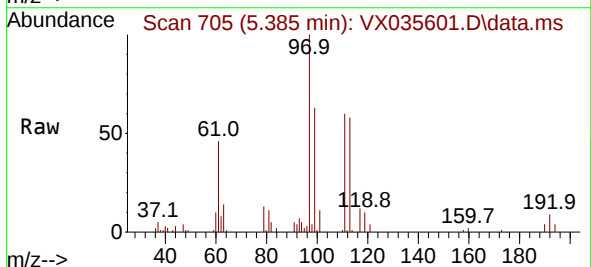
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 25537
Ion Ratio Lower Upper
56 100
69 32.0 23.7 35.5
84 89.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 4.980 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 97 Resp: 25398
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 47.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 5.182 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

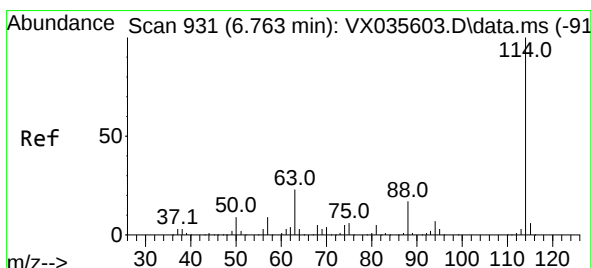
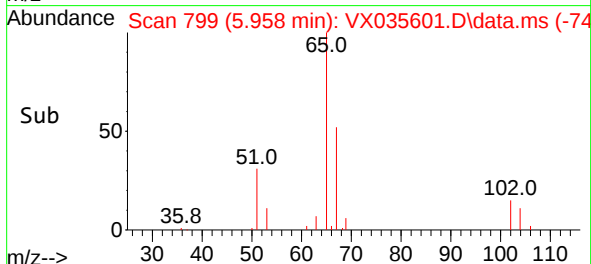
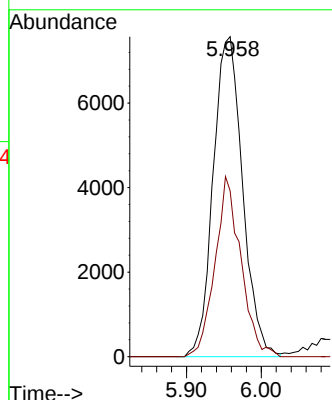
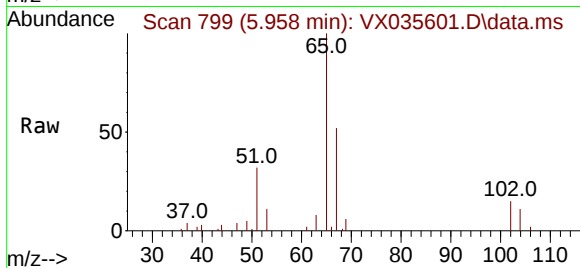
VSTDIC005

Tgt Ion: 65 Resp: 20698

Ion Ratio Lower Upper

65 100

67 49.6 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: VX035601.D

Acq: 11 May 2023 11:24

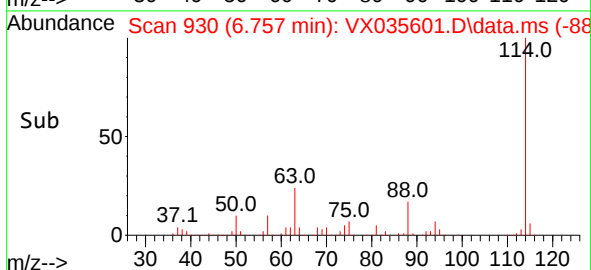
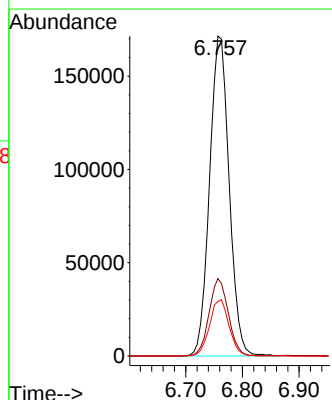
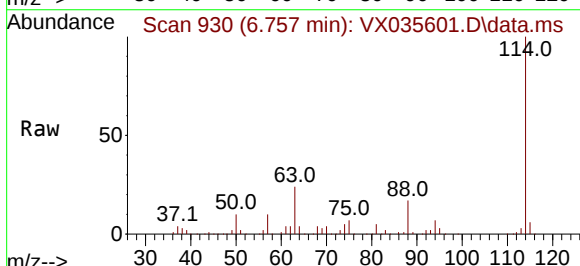
Tgt Ion: 114 Resp: 411547

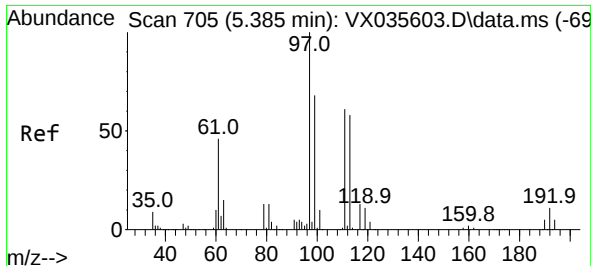
Ion Ratio Lower Upper

114 100

63 24.2 0.0 42.2

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 4.956 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

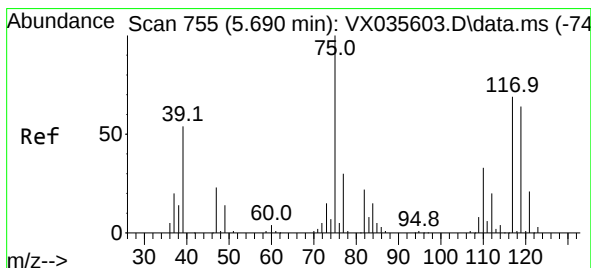
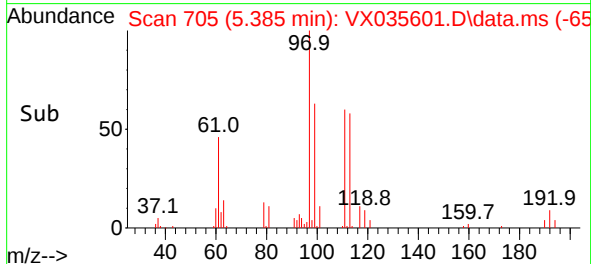
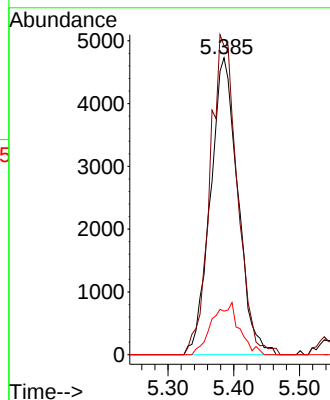
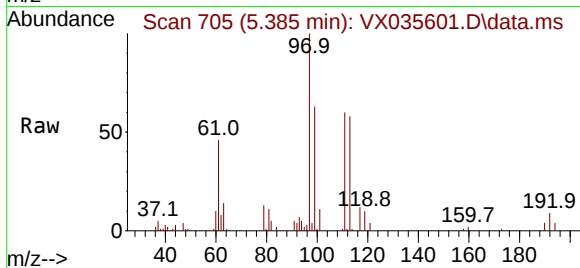
Tgt Ion:113 Resp: 13754

Ion Ratio Lower Upper

113 100

111 106.8 83.7 125.5

192 17.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.987 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

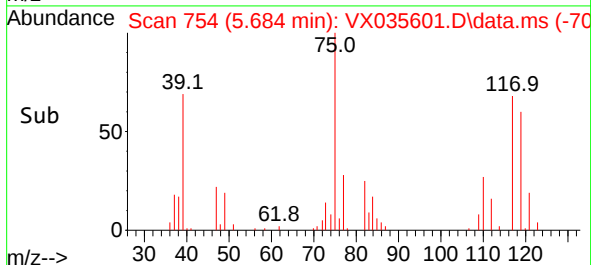
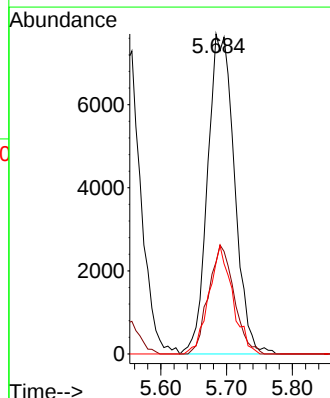
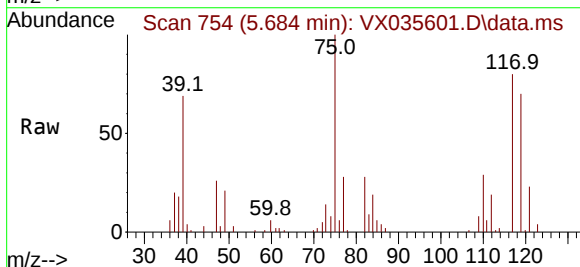
Tgt Ion: 75 Resp: 21848

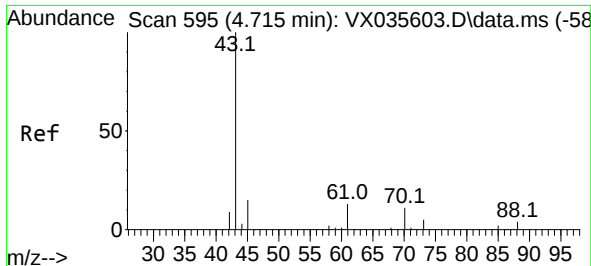
Ion Ratio Lower Upper

75 100

110 32.4 17.5 52.5

77 30.0 24.3 36.5





#37

Ethyl Acetate

Concen: 5.010 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

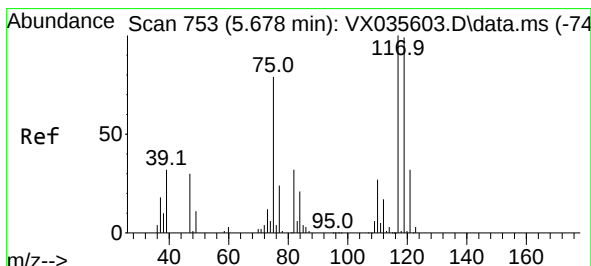
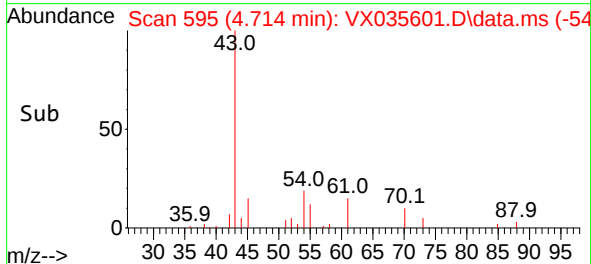
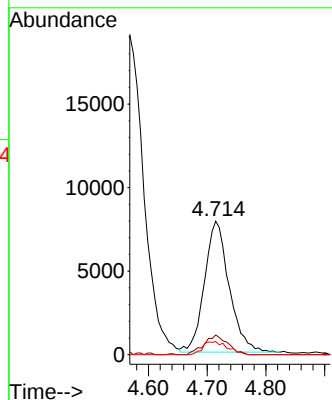
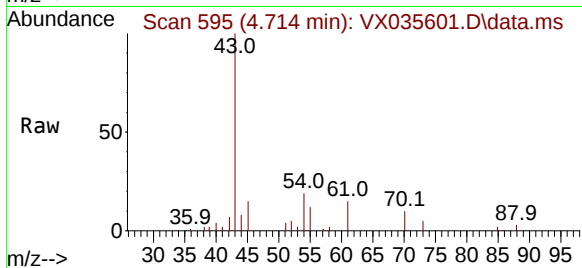
Tgt Ion: 43 Resp: 22893

Ion Ratio Lower Upper

43 100

61 14.4 10.2 15.4

70 9.9 8.2 12.4



#38

Carbon Tetrachloride

Concen: 4.572 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

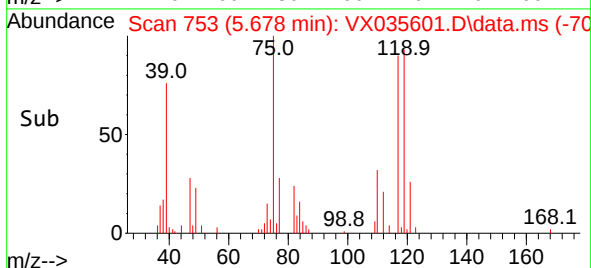
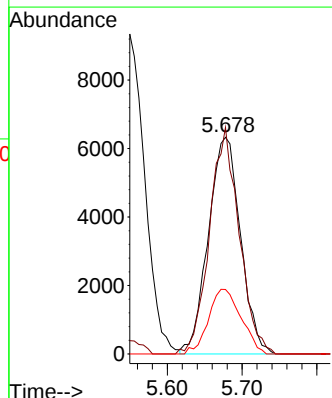
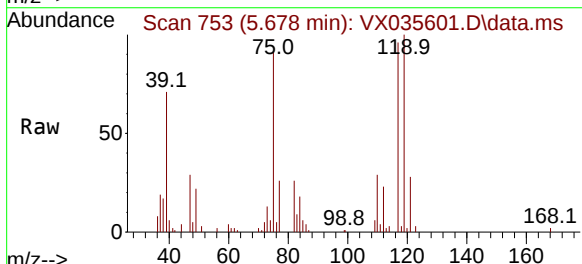
Tgt Ion: 117 Resp: 18974

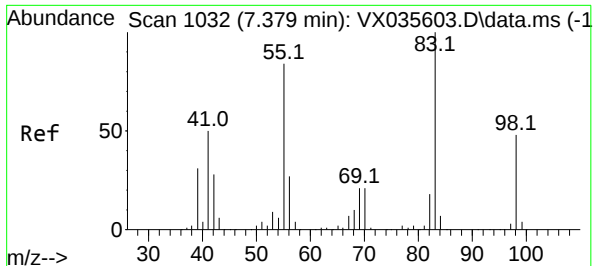
Ion Ratio Lower Upper

117 100

119 104.6 76.6 114.8

121 29.7 23.8 35.6





#39

Methylcyclohexane

Concen: 4.845 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

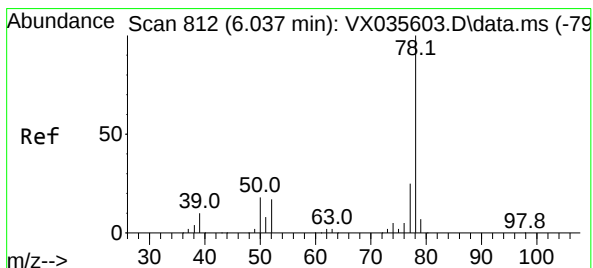
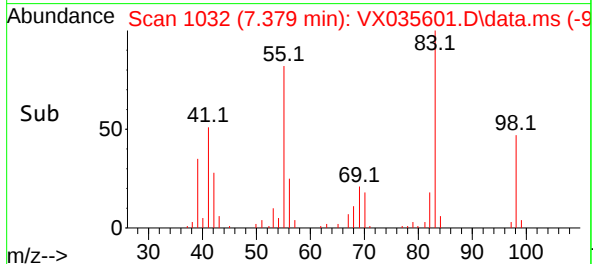
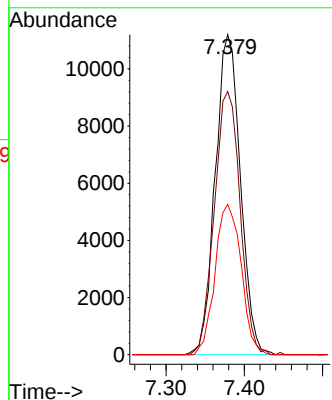
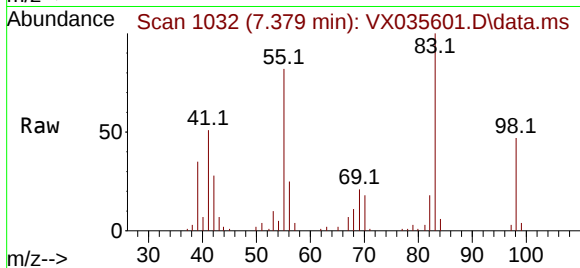
Tgt Ion: 83 Resp: 24986

Ion Ratio Lower Upper

83 100

55 82.3 60.5 90.7

98 47.0 40.4 60.6



#40

Benzene

Concen: 5.084 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX035601.D

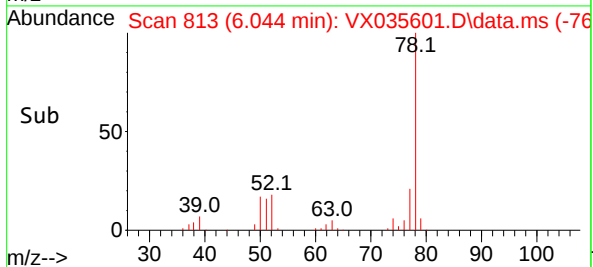
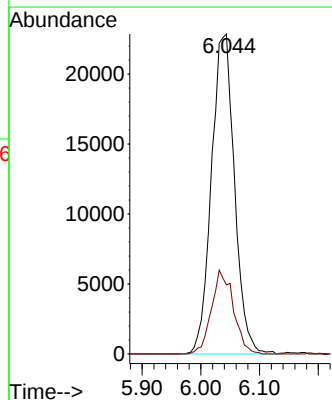
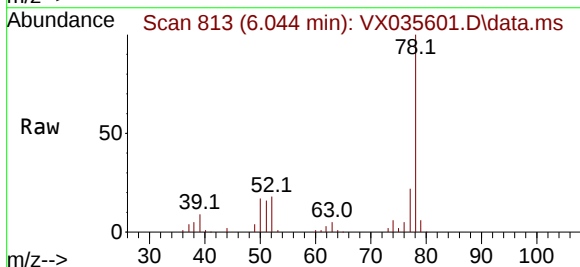
Acq: 11 May 2023 11:24

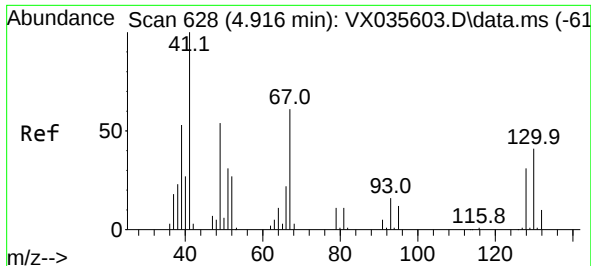
Tgt Ion: 78 Resp: 62304

Ion Ratio Lower Upper

78 100

77 21.6 19.0 28.4

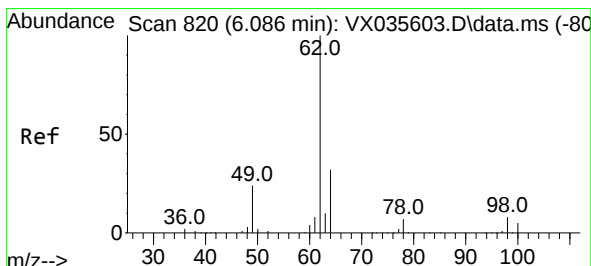
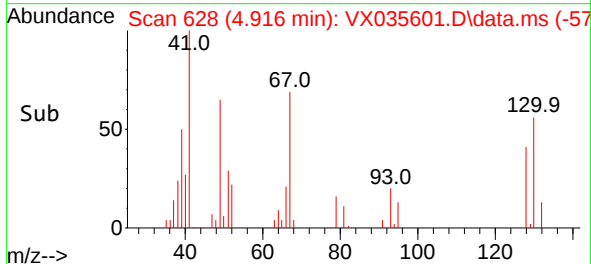
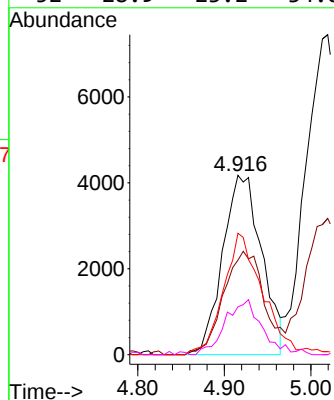
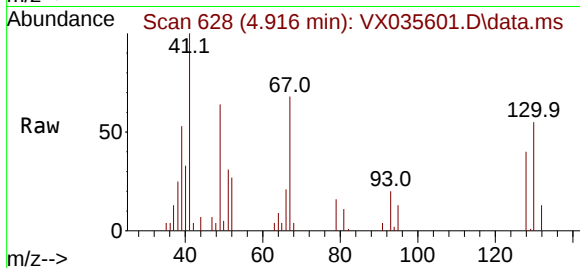




#41
Methacrylonitrile
Concen: 4.834 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

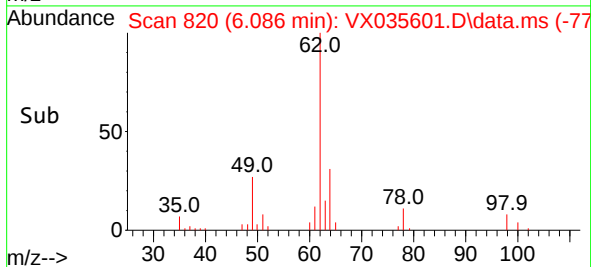
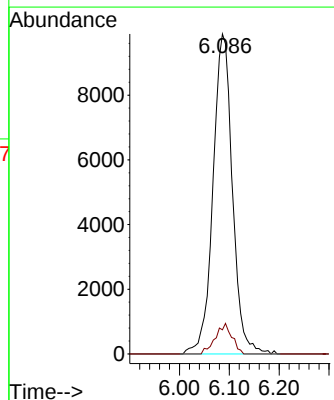
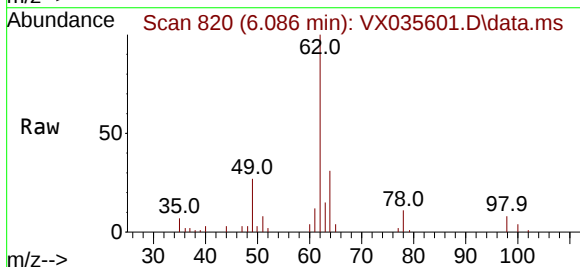
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

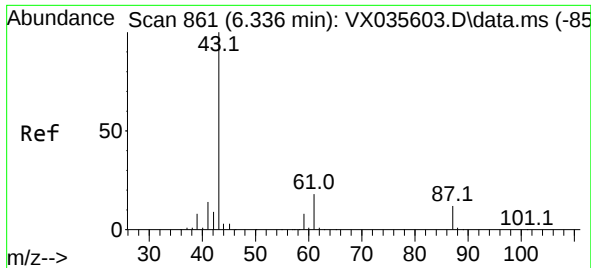
Tgt Ion:	41	Resp:	13115
Ion	Ratio	Lower	Upper
41	100		
39	60.6	45.0	67.6
67	66.6	55.6	83.4
52	28.9	23.2	34.8



#42
1,2-Dichloroethane
Concen: 5.083 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion:	62	Resp:	26798
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.0





#43

Isopropyl Acetate

Concen: 4.988 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

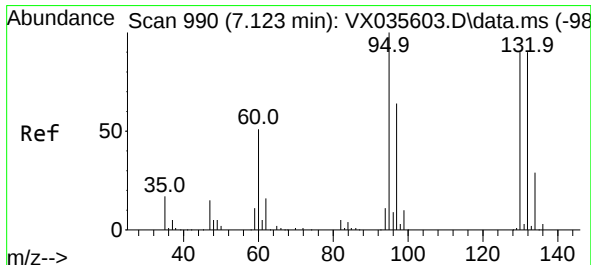
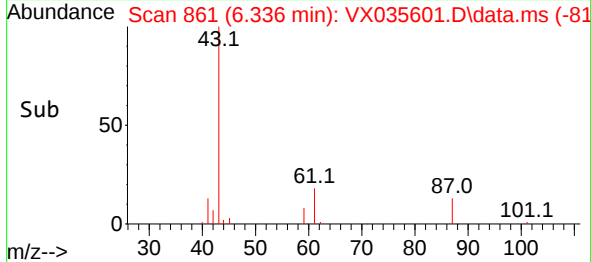
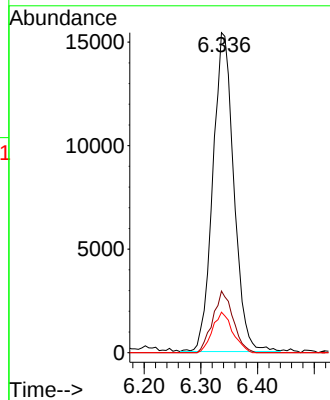
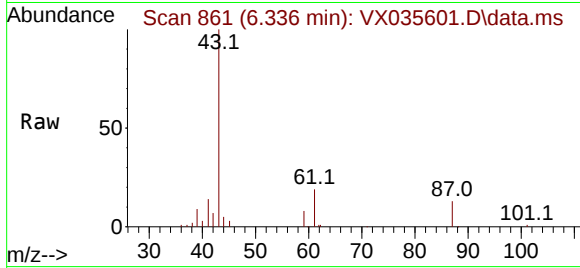
Tgt Ion: 43 Resp: 39748

Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

87 12.2 9.8 14.8



#44

Trichloroethene

Concen: 4.733 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX035601.D

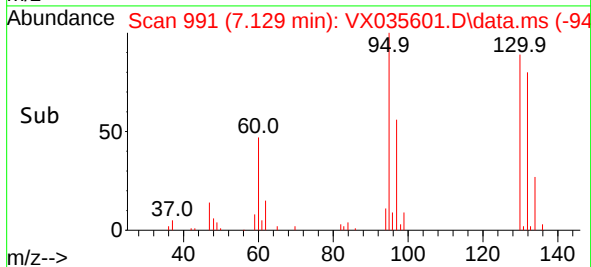
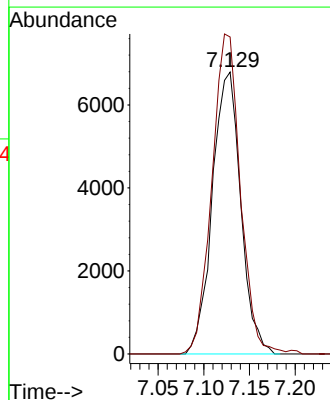
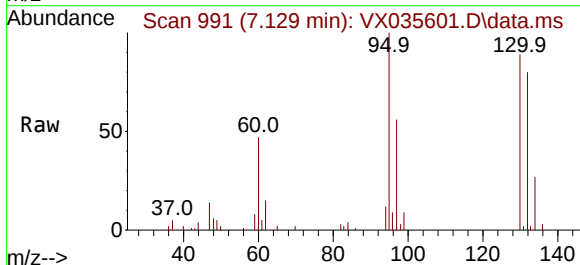
Acq: 11 May 2023 11:24

Tgt Ion:130 Resp: 14707

Ion Ratio Lower Upper

130 100

95 112.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 4.881 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

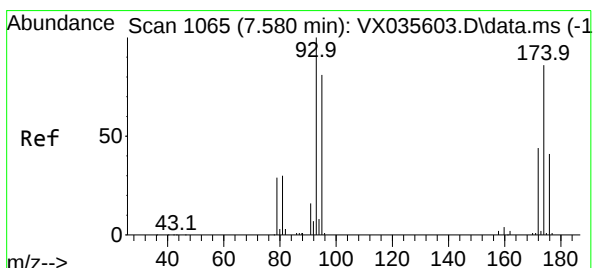
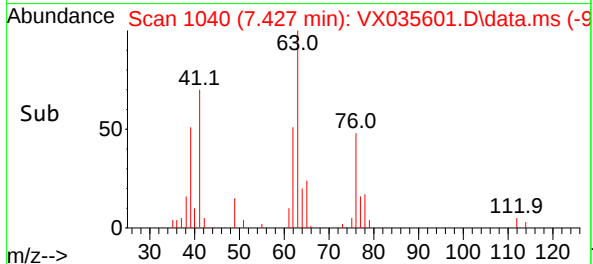
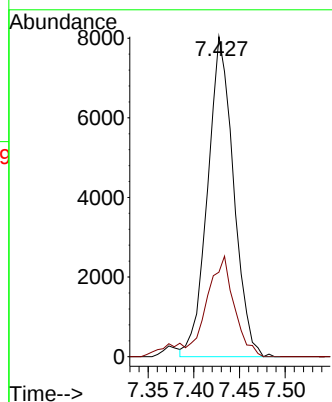
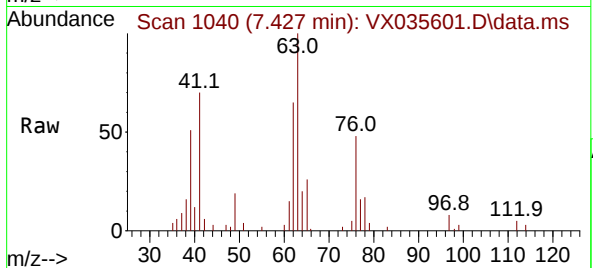
VSTDIC005

Tgt Ion: 63 Resp: 15844

Ion Ratio Lower Upper

63 100

65 26.4 24.6 37.0



#46

Dibromomethane

Concen: 5.147 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

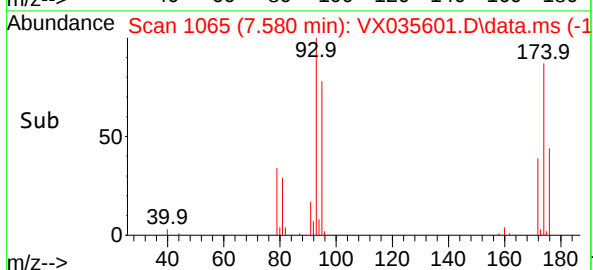
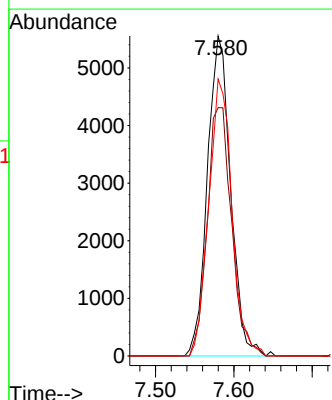
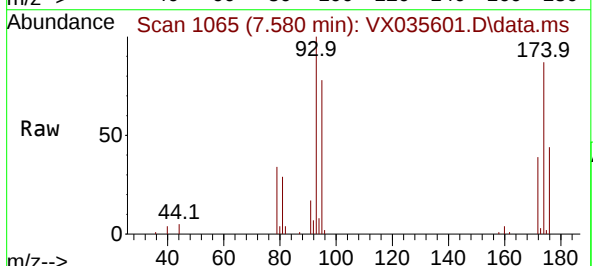
Tgt Ion: 93 Resp: 11435

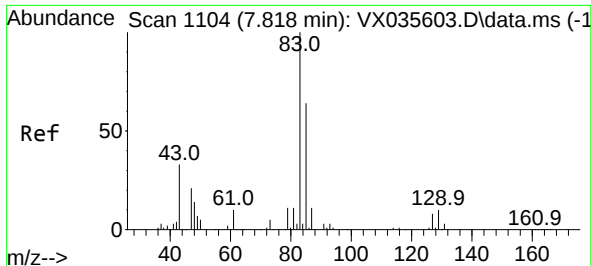
Ion Ratio Lower Upper

93 100

95 81.3 66.9 100.3

174 86.5 75.4 113.0





#47

Bromodichloromethane

Concen: 4.637 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

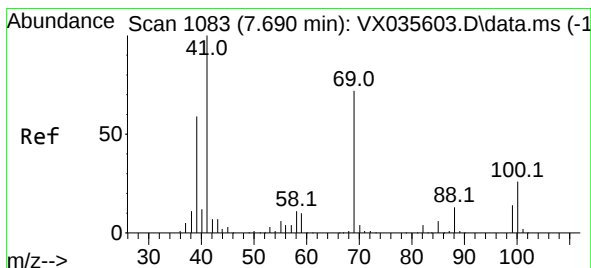
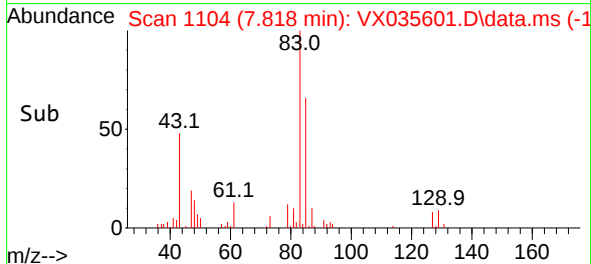
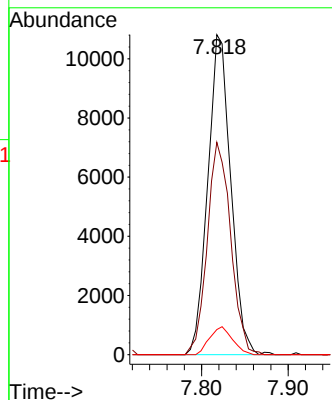
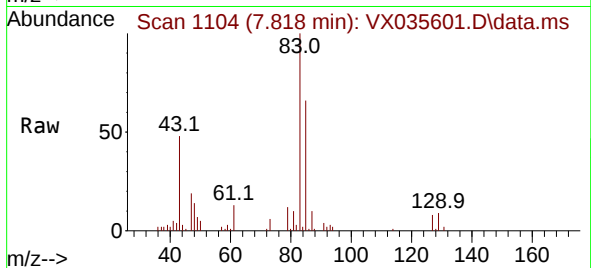
Tgt Ion: 83 Resp: 19912

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

127 7.9 6.6 9.8



#48

Methyl methacrylate

Concen: 5.016 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

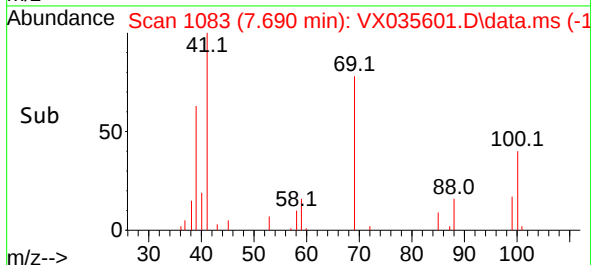
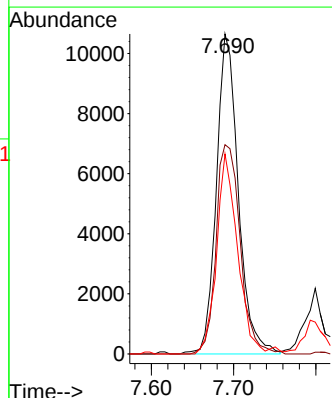
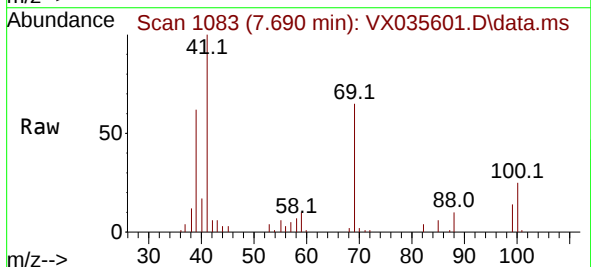
Tgt Ion: 41 Resp: 19723

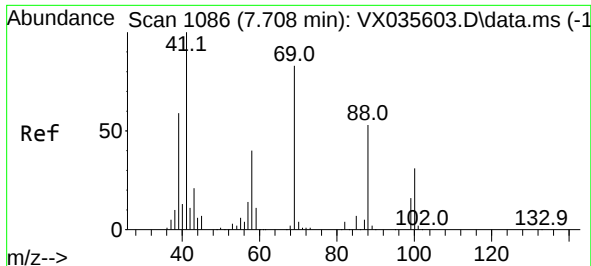
Ion Ratio Lower Upper

41 100

69 72.0 62.2 93.4

39 59.5 47.7 71.5





#49

1,4-Dioxane

Concen: 98.609 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

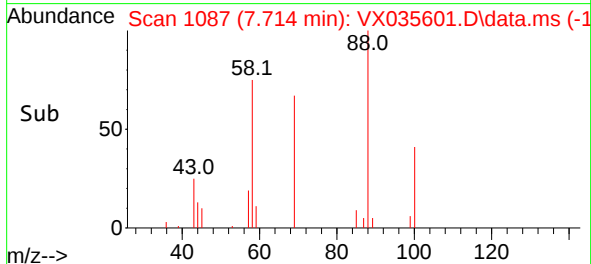
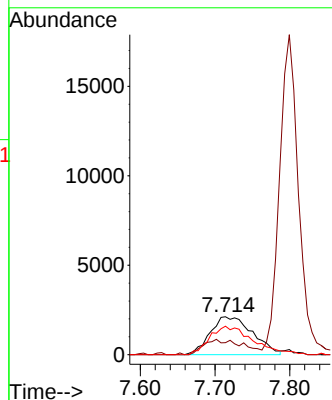
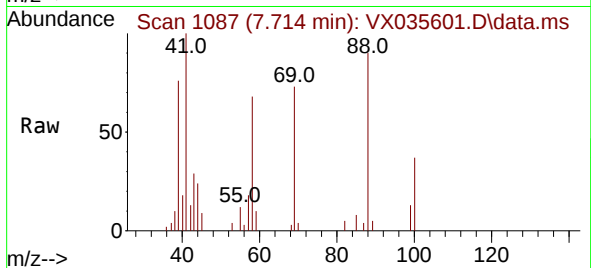
Tgt Ion: 88 Resp: 8378

Ion Ratio Lower Upper

88 100

43 36.0 27.7 41.5

58 76.5 56.8 85.2



#50

Toluene-d8

Concen: 5.030 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035601.D

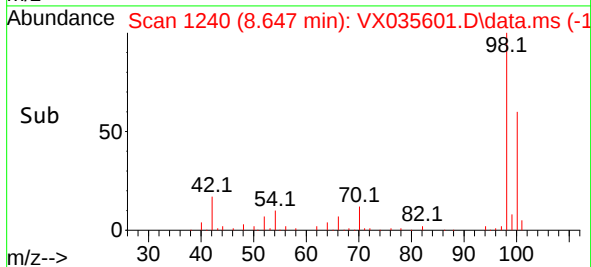
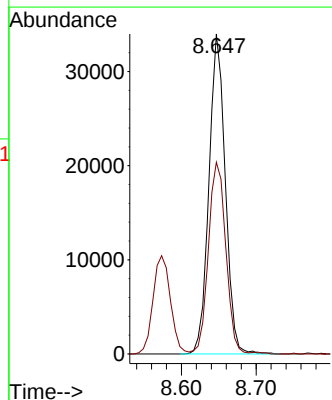
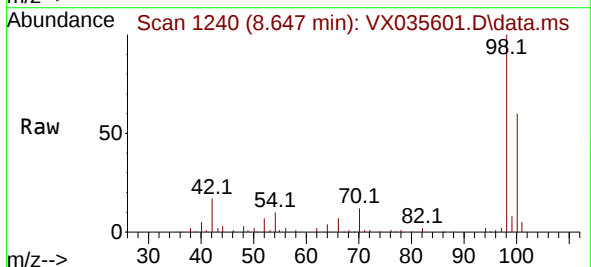
Acq: 11 May 2023 11:24

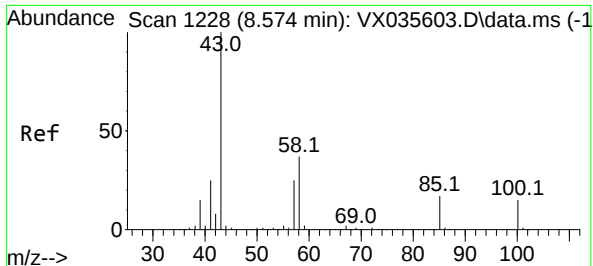
Tgt Ion: 98 Resp: 51577

Ion Ratio Lower Upper

98 100

100 62.9 52.5 78.7

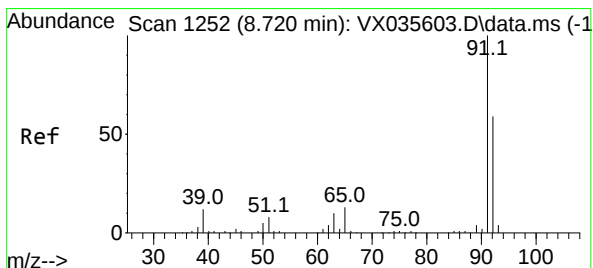
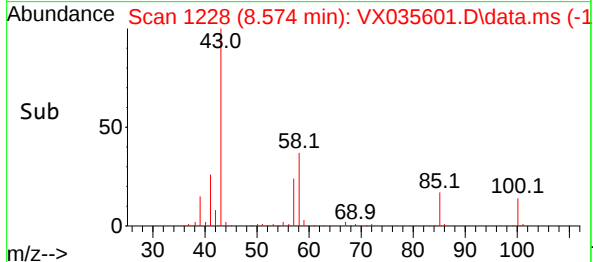
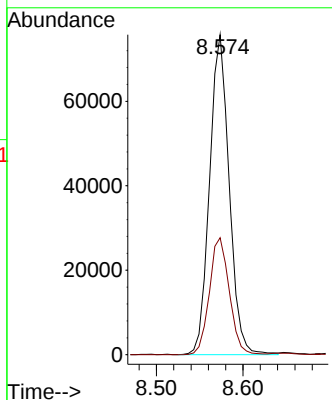
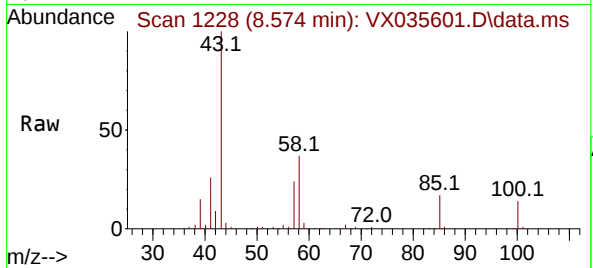




#51
4-Methyl-2-Pentanone
Concen: 25.960 ug/l
RT: 8.574 min Scan# 119171
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

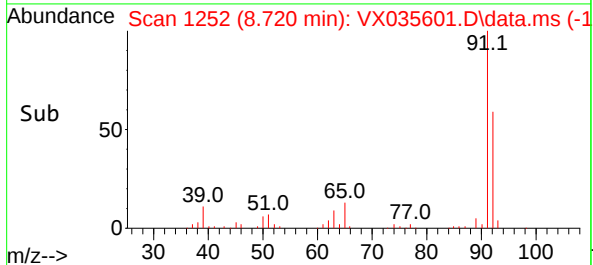
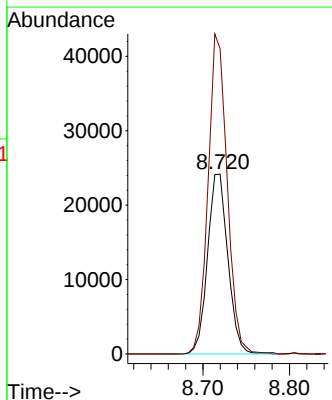
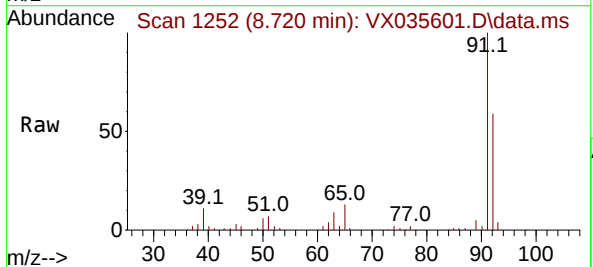
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

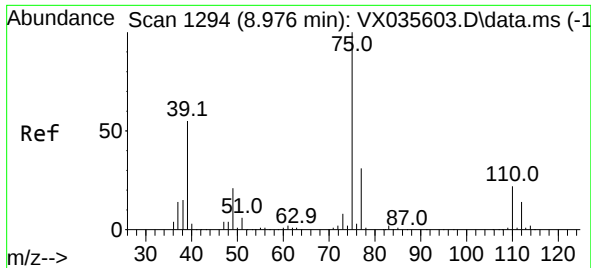
Tgt Ion: 43 Resp: 119171
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0



#52
Toluene
Concen: 5.092 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 92 Resp: 39392
Ion Ratio Lower Upper
92 100
91 167.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 4.476 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

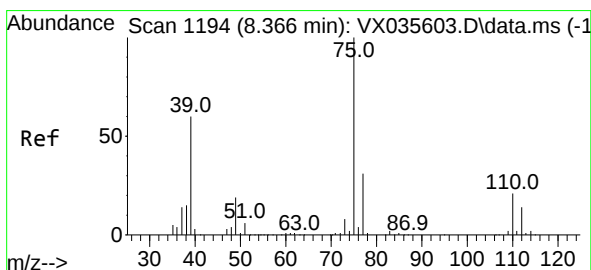
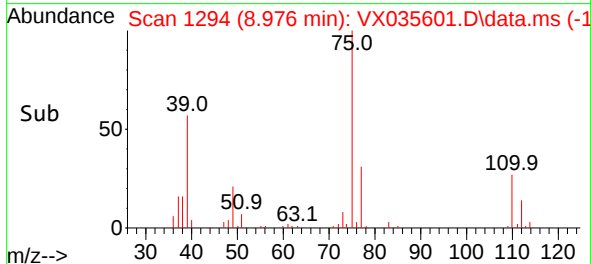
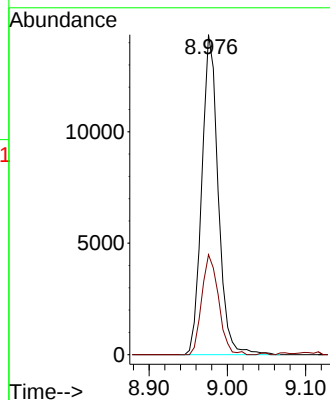
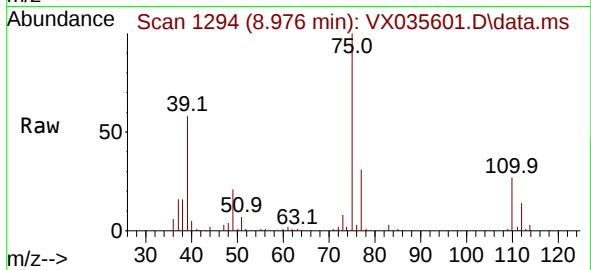
VSTDIC005

Tgt Ion: 75 Resp: 20884

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 4.680 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

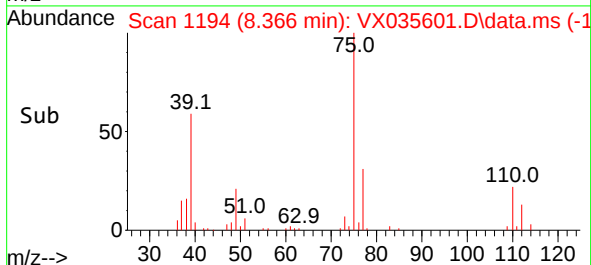
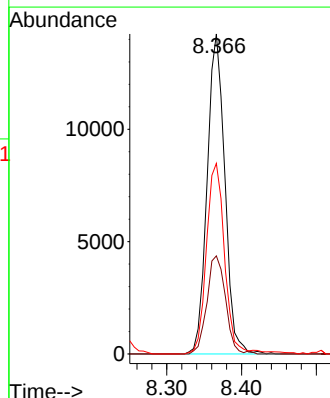
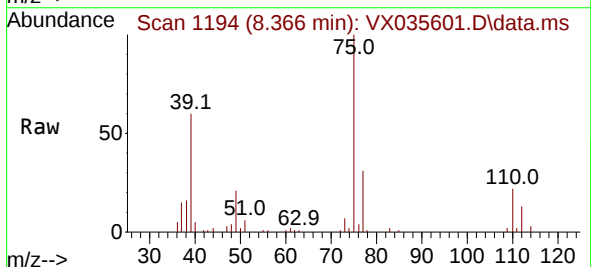
Tgt Ion: 75 Resp: 23395

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

39 59.6 44.6 66.8

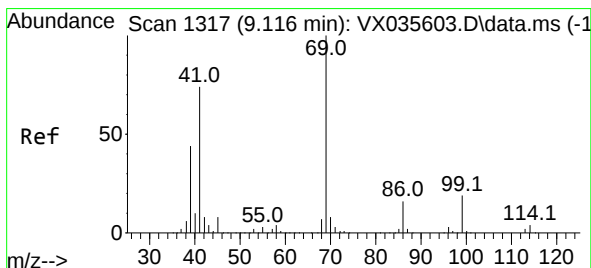
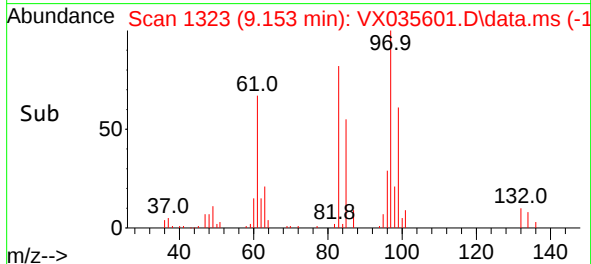
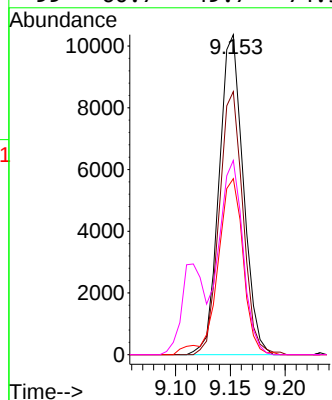
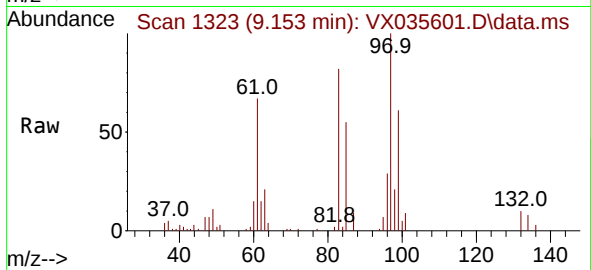




#55
1,1,2-Trichloroethane
Concen: 5.240 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

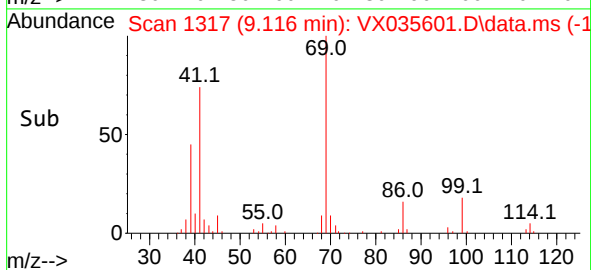
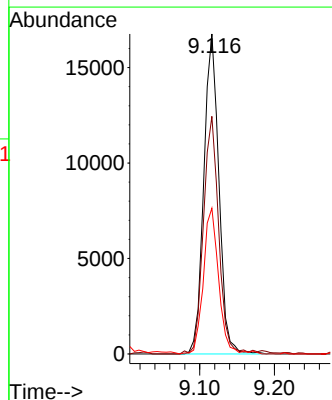
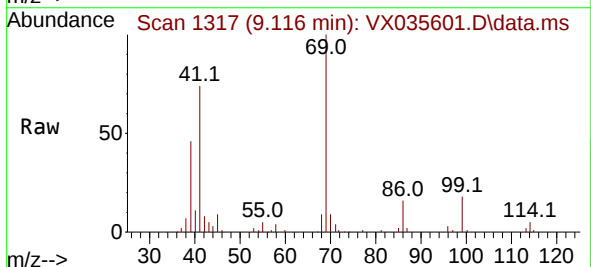
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

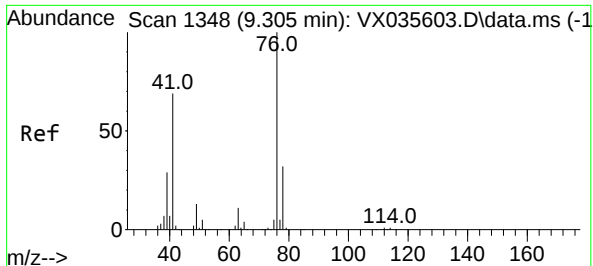
Tgt Ion:	97	Resp:	15921
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.7	104.5
85	55.0	43.7	65.5
99	60.7	49.7	74.5



#56
Ethyl methacrylate
Concen: 4.775 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion:	69	Resp:	23497
Ion	Ratio	Lower	Upper
69	100		
41	74.8	57.4	86.0
39	46.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 5.197 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

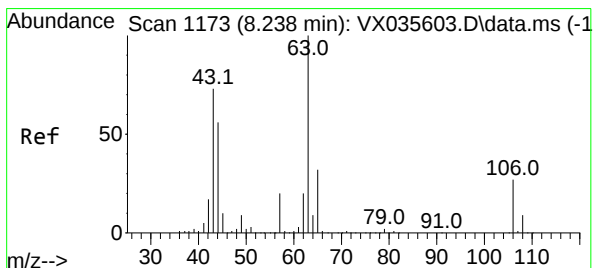
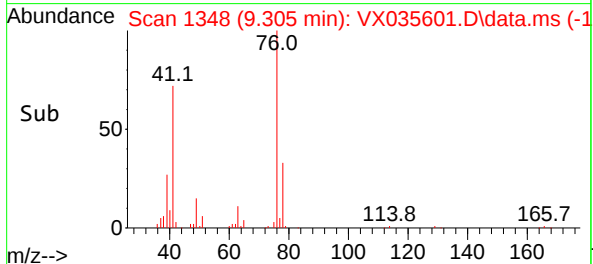
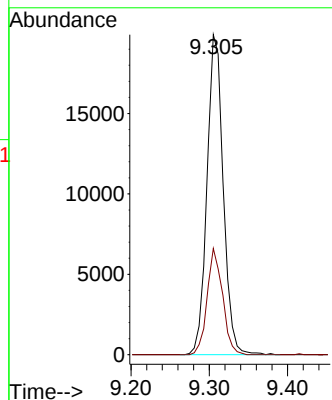
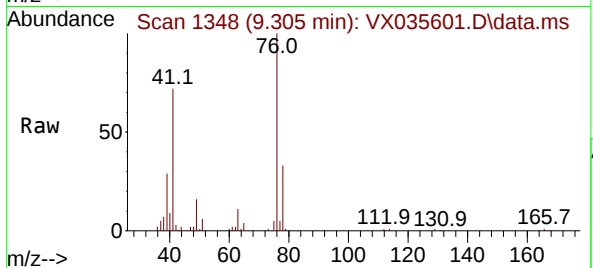
VSTDICC005

Tgt Ion: 76 Resp: 28626

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 23.208 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035601.D

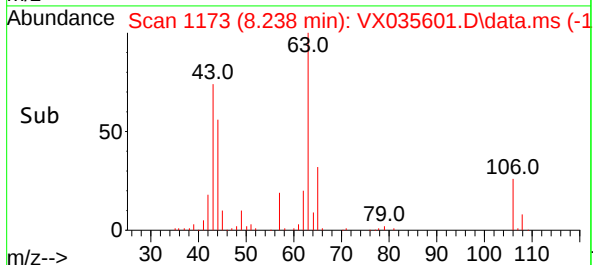
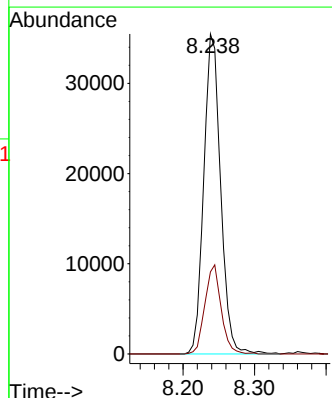
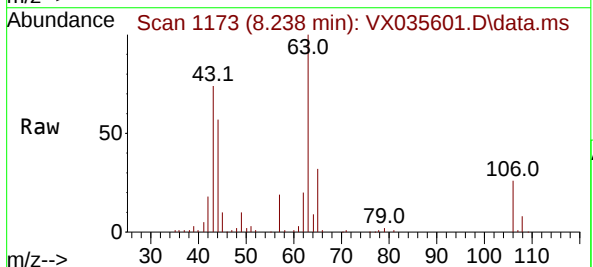
Acq: 11 May 2023 11:24

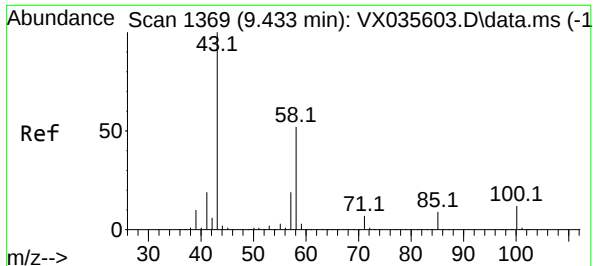
Tgt Ion: 63 Resp: 58095

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2





#59

2-Hexanone

Concen: 25.962 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

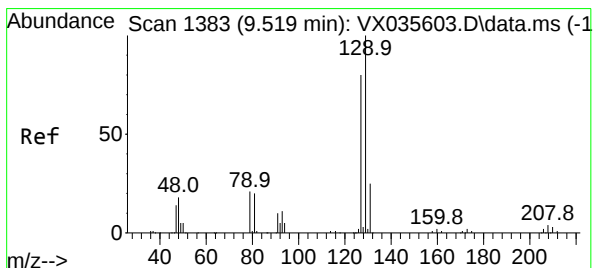
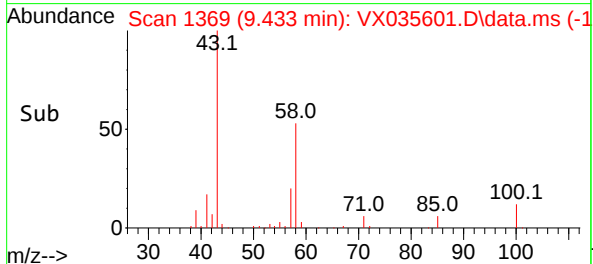
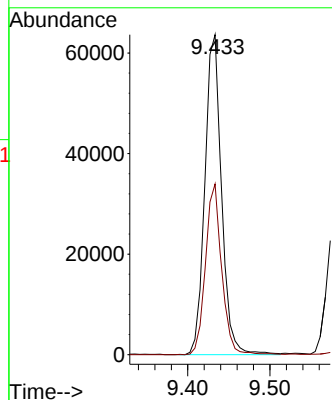
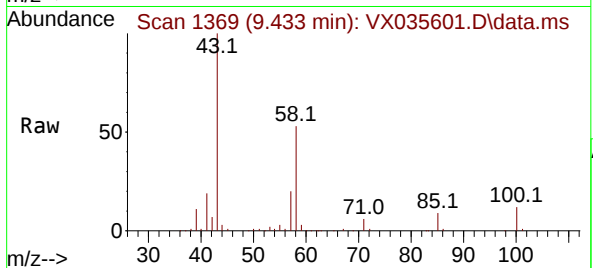
VSTDIC005

Tgt Ion: 43 Resp: 89753

Ion Ratio Lower Upper

43 100

58 51.7 26.3 78.9



#60

Dibromochloromethane

Concen: 4.514 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX035601.D

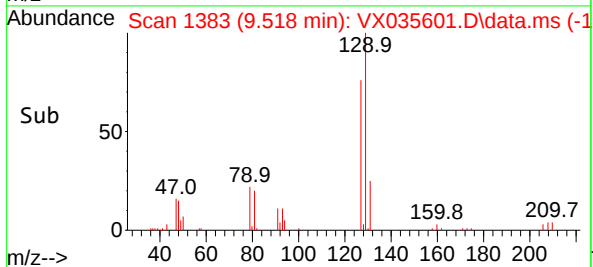
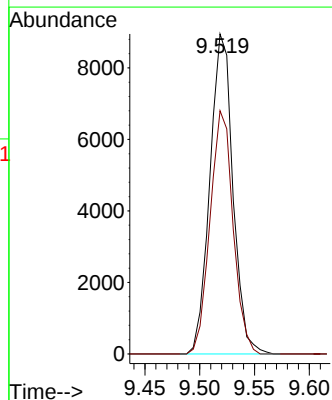
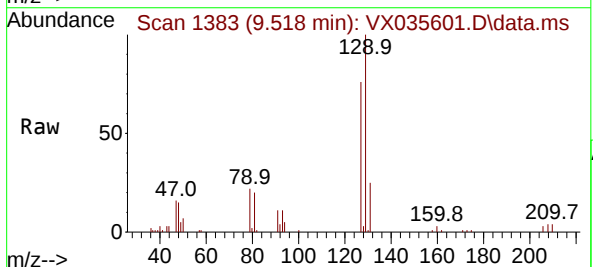
Acq: 11 May 2023 11:24

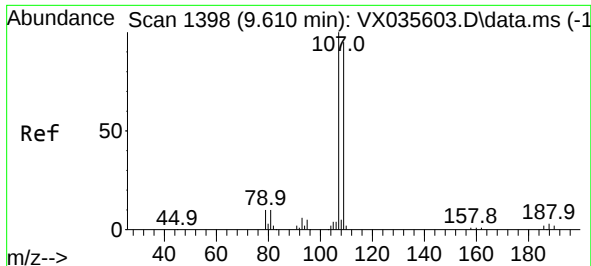
Tgt Ion: 129 Resp: 13075

Ion Ratio Lower Upper

129 100

127 75.9 39.0 117.0

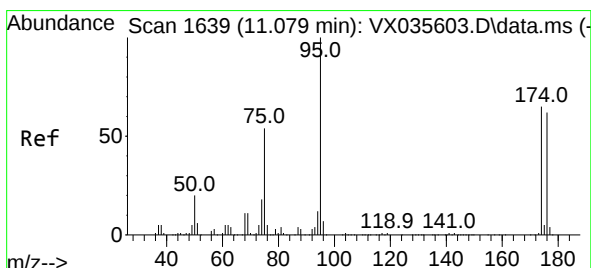
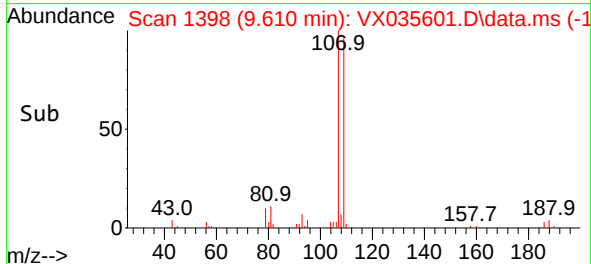
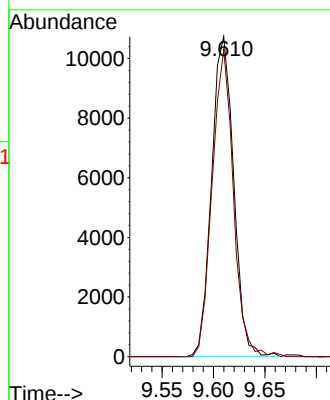
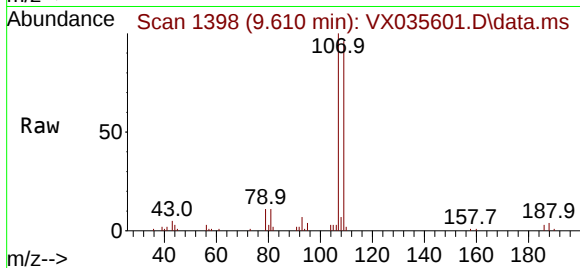




#61
1,2-Dibromoethane
Concen: 4.997 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

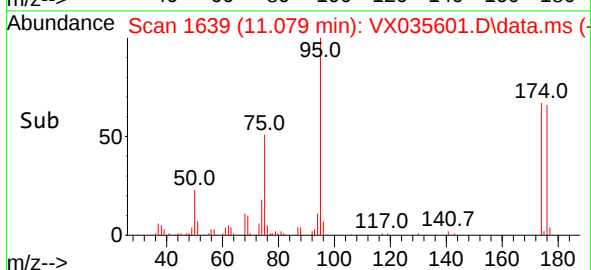
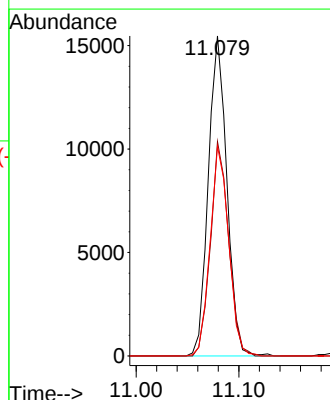
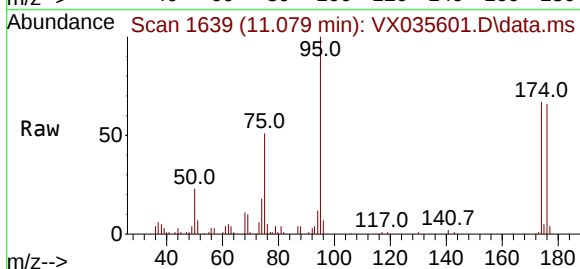
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

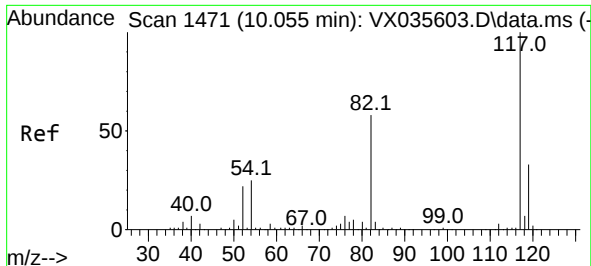
Tgt Ion:107 Resp: 15996
Ion Ratio Lower Upper
107 100
109 92.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 4.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 95 Resp: 19413
Ion Ratio Lower Upper
95 100
174 65.7 0.0 147.4
176 65.5 0.0 140.6

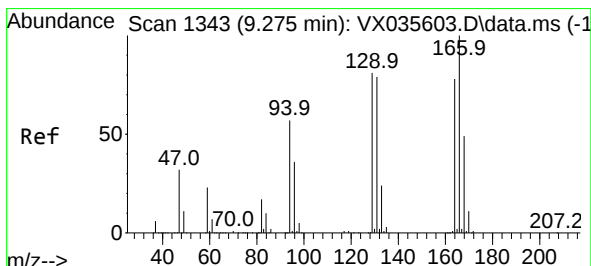
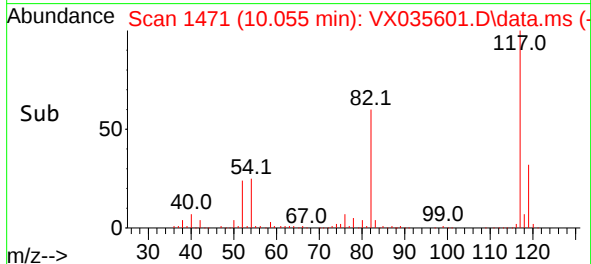
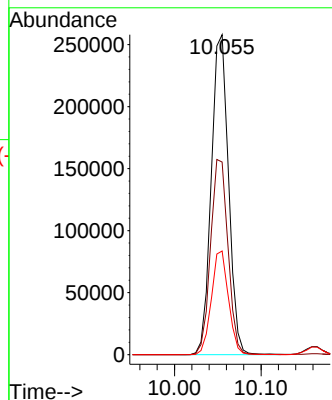
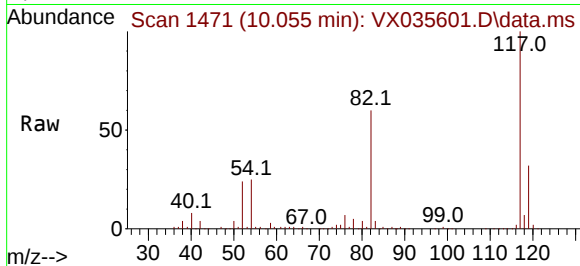




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

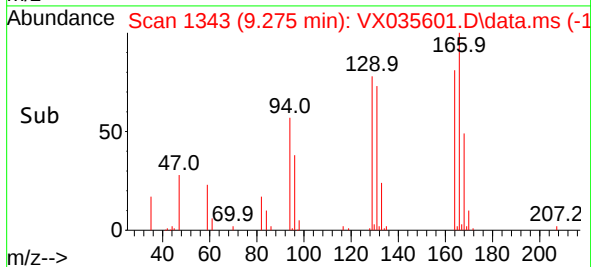
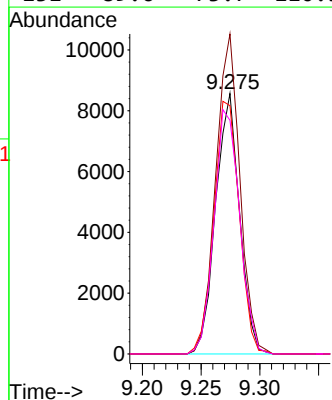
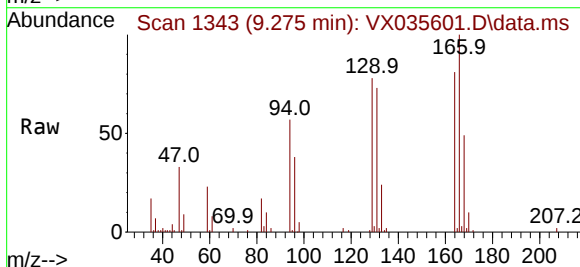
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

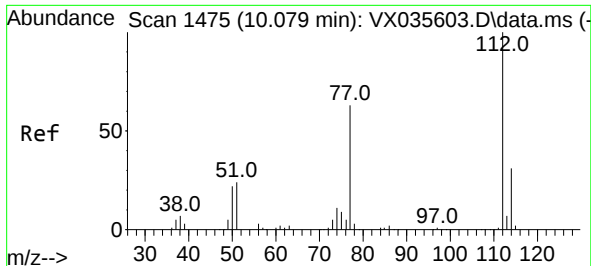
Tgt Ion:117 Resp: 356628
Ion Ratio Lower Upper
117 100
82 60.2 45.0 67.4
119 32.4 26.0 39.0



#64
Tetrachloroethene
Concen: 5.053 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion:164 Resp: 12133
Ion Ratio Lower Upper
164 100
166 122.8 102.7 154.1
129 95.3 75.6 113.4
131 89.6 73.7 110.5

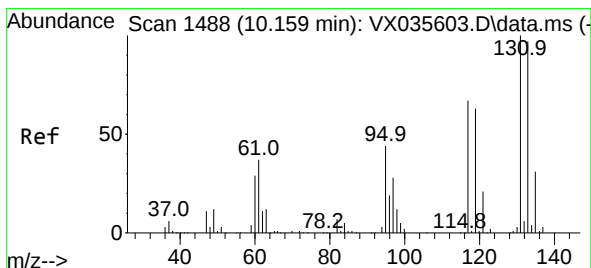
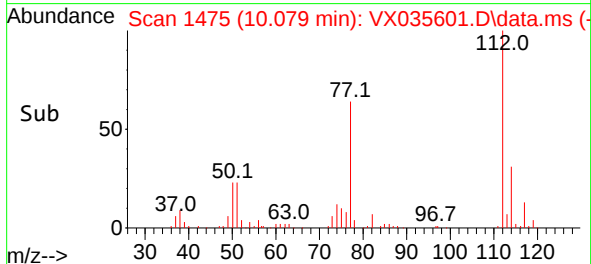
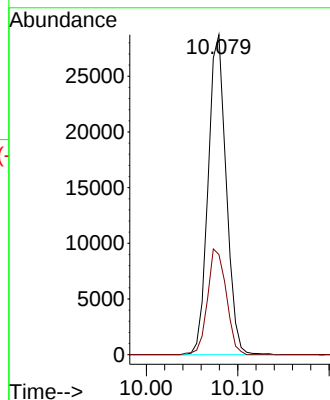
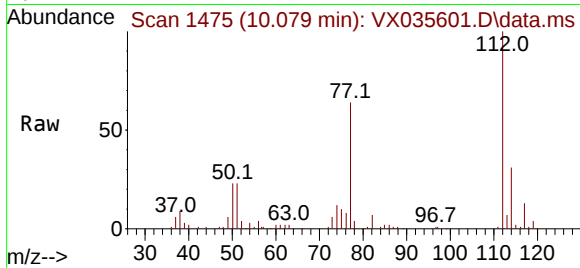




#65
Chlorobenzene
Concen: 5.051 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

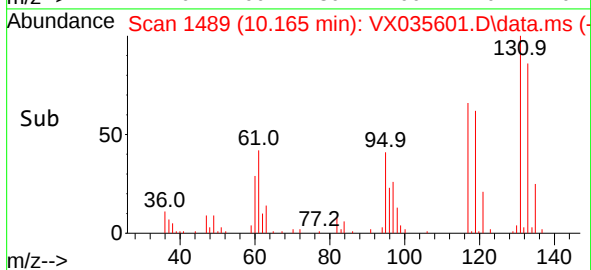
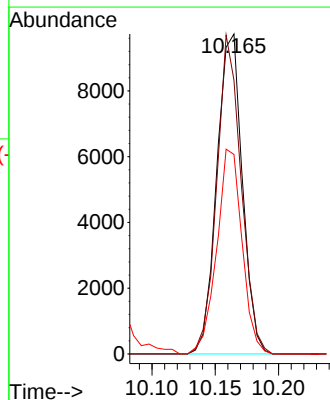
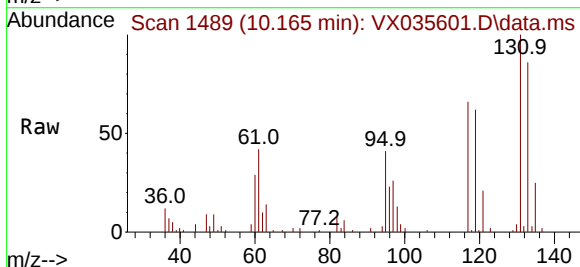
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

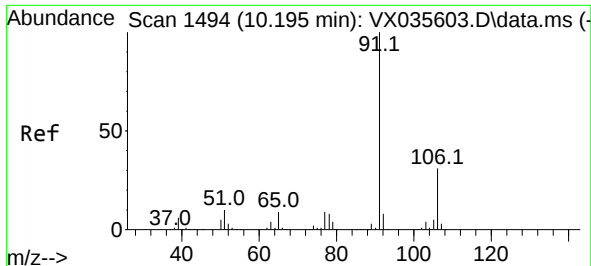
Tgt Ion:112 Resp: 39323
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.957 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion:131 Resp: 13646
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 63.5 32.6 98.0





#67

Ethyl Benzene

Concen: 5.108 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

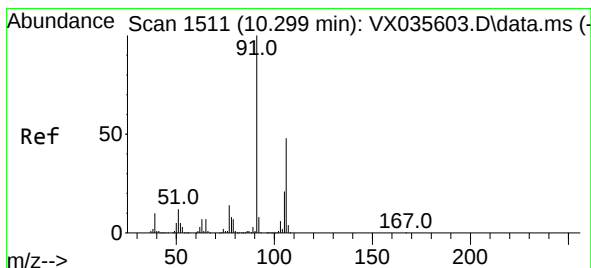
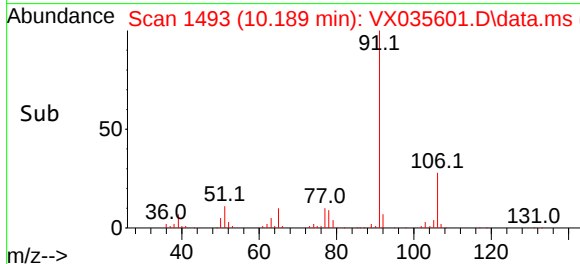
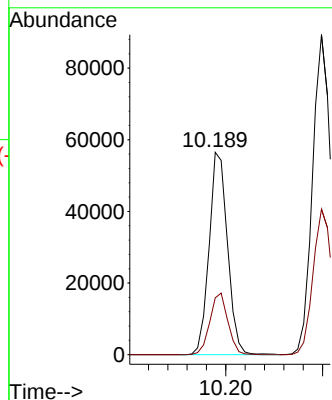
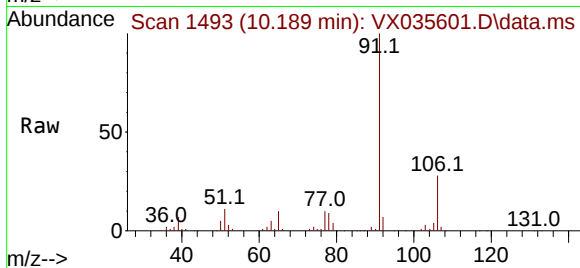
VSTDICC005

Tgt Ion: 91 Resp: 74780

Ion Ratio Lower Upper

91 100

106 28.1 25.6 38.4



#68

m/p-Xylenes

Concen: 10.281 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035601.D

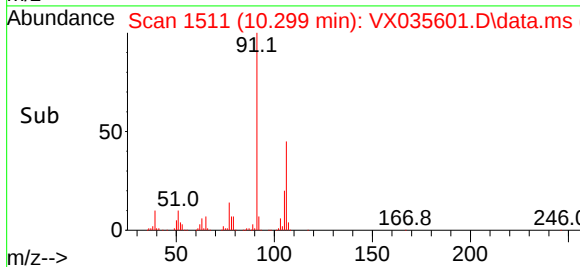
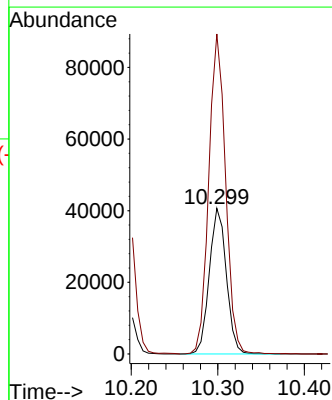
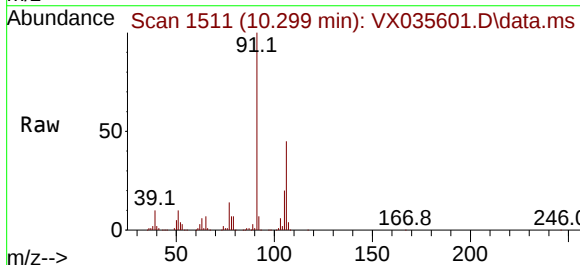
Acq: 11 May 2023 11:24

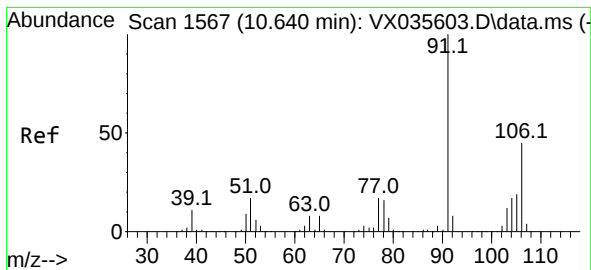
Tgt Ion: 106 Resp: 55638

Ion Ratio Lower Upper

106 100

91 216.3 164.0 246.0





#69

o-Xylene

Concen: 5.154 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

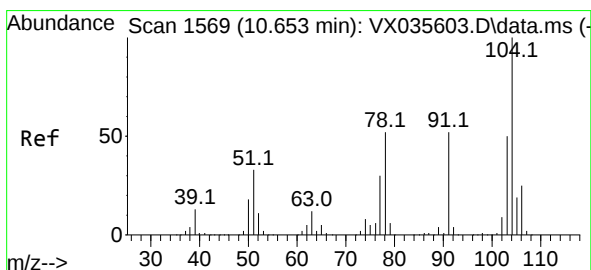
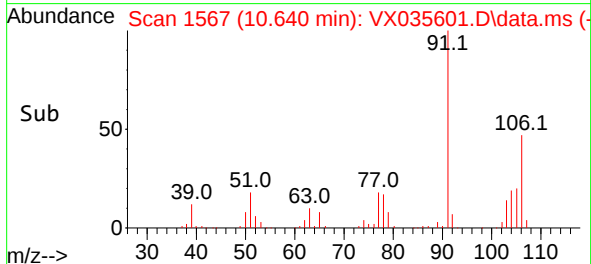
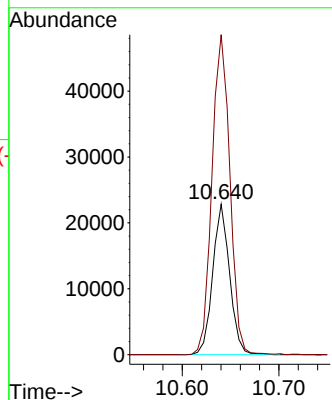
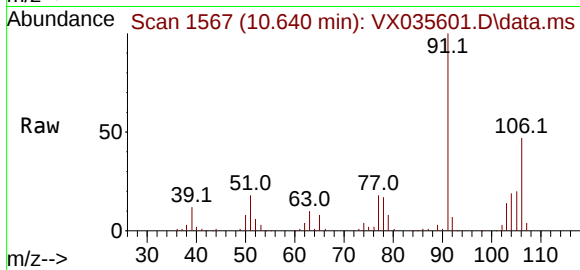
VSTDIC005

Tgt Ion:106 Resp: 27680

Ion Ratio Lower Upper

106 100

91 225.8 108.5 325.3



#70

Styrene

Concen: 5.075 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

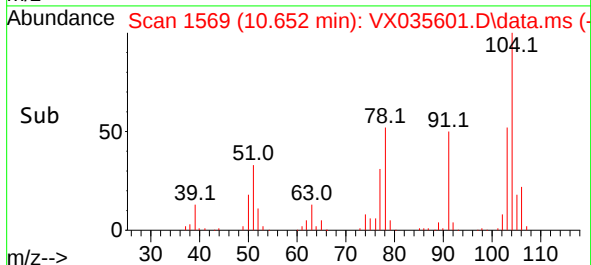
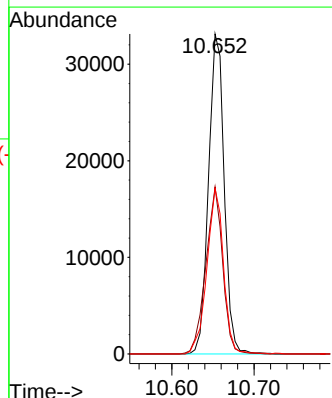
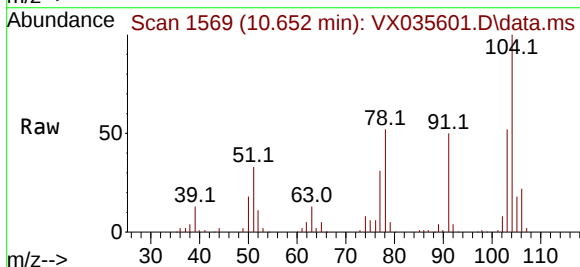
Tgt Ion:104 Resp: 43927

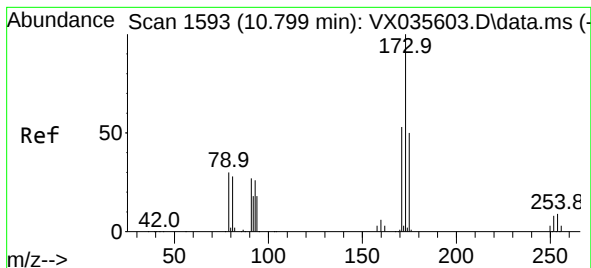
Ion Ratio Lower Upper

104 100

78 56.1 43.4 65.2

103 54.8 44.2 66.2





#71

Bromoform

Concen: 4.466 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

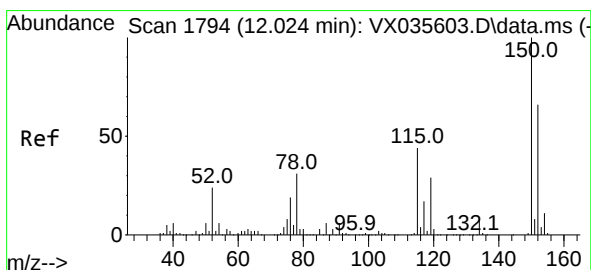
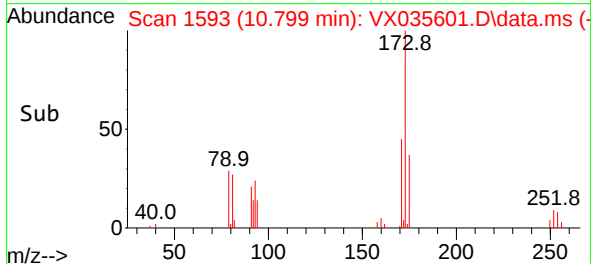
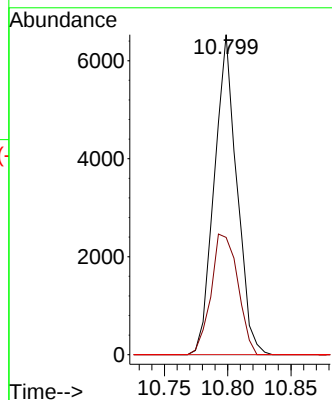
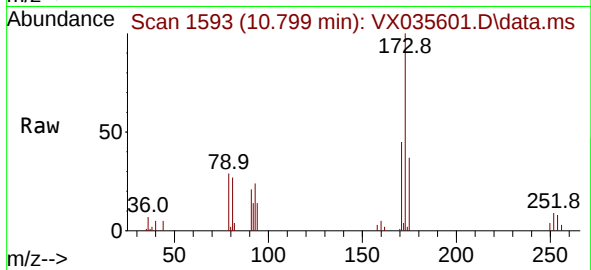
Tgt Ion:173 Resp: 8089

Ion Ratio Lower Upper

173 100

175 44.8 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

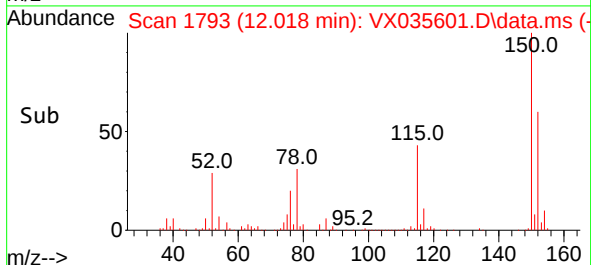
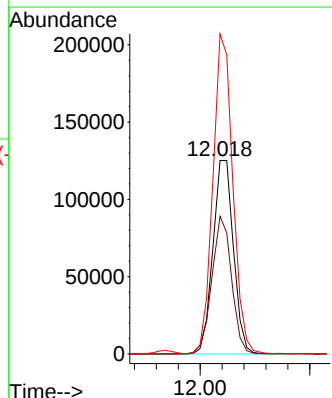
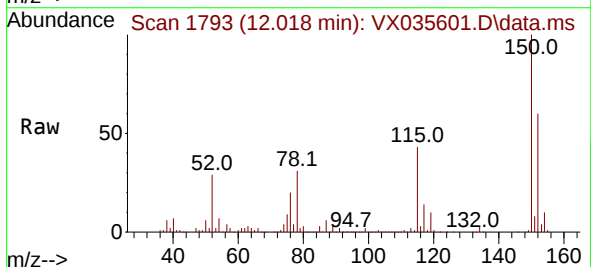
Tgt Ion:152 Resp: 162880

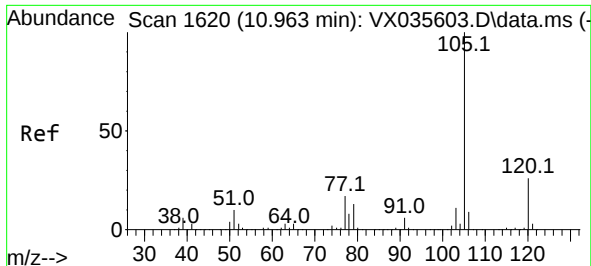
Ion Ratio Lower Upper

152 100

115 68.5 45.0 135.0

150 160.2 0.0 352.4

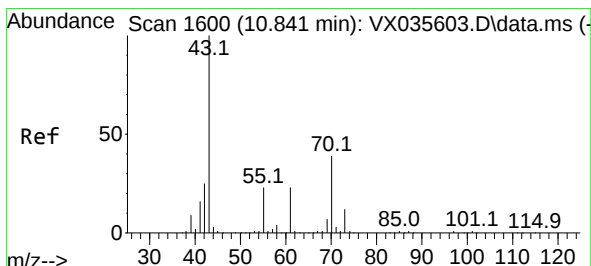
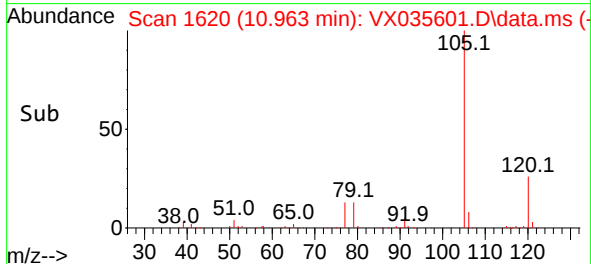
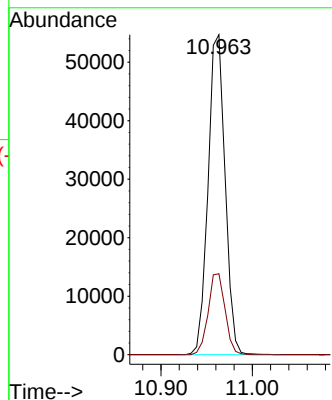
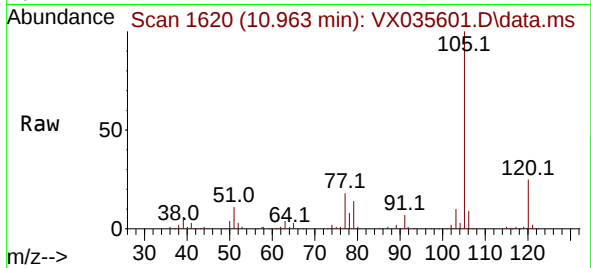




#73
Isopropylbenzene
Concen: 5.152 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

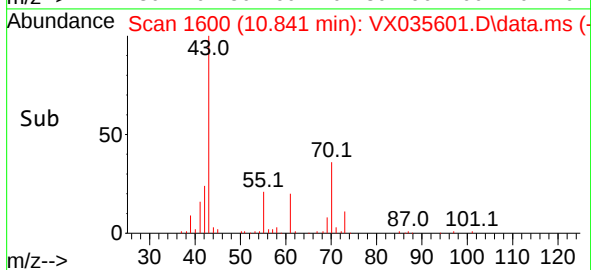
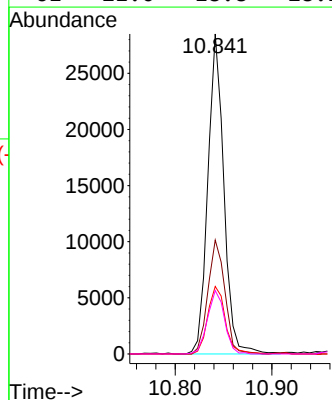
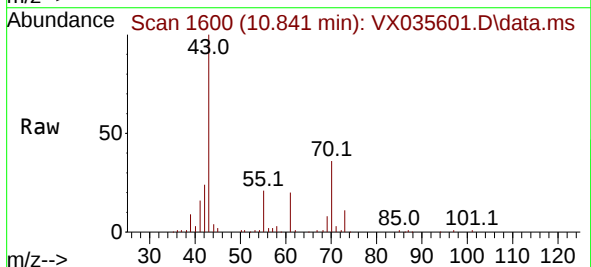
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 70713
Ion Ratio Lower Upper
105 100
120 25.1 13.3 39.9



#74
N-ethyl acetate
Concen: 5.150 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 43 Resp: 32957
Ion Ratio Lower Upper
43 100
70 37.6 32.1 48.1
55 23.1 18.3 27.5
61 21.0 18.8 28.2

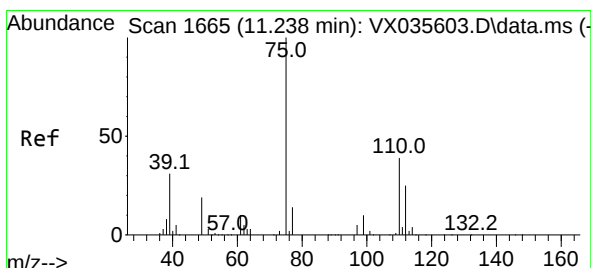
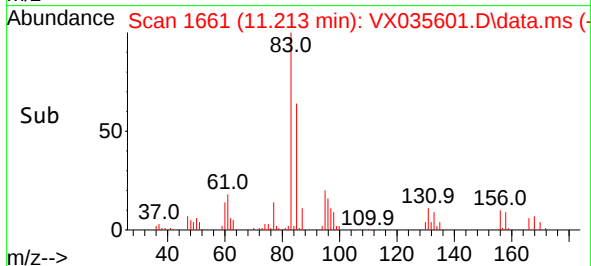
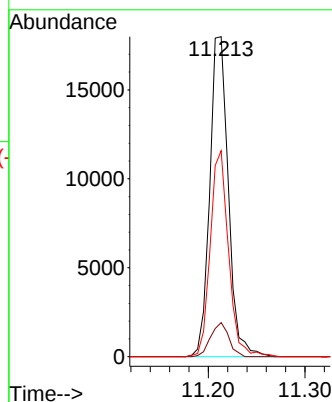
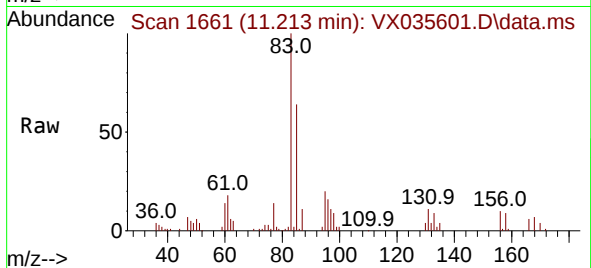




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.385 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035601.D
 Acq: 11 May 2023 11:24

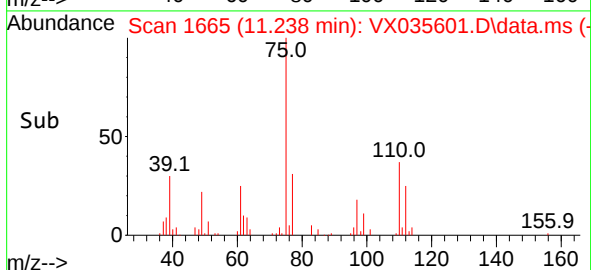
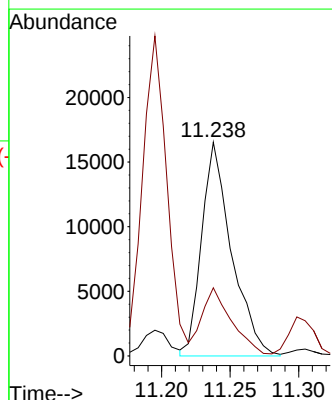
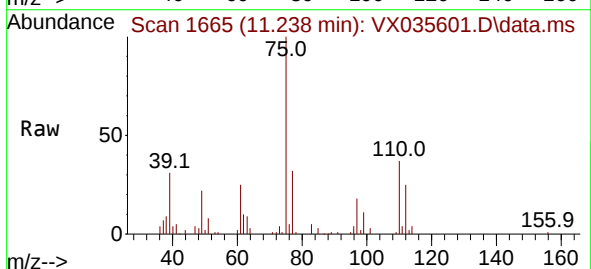
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

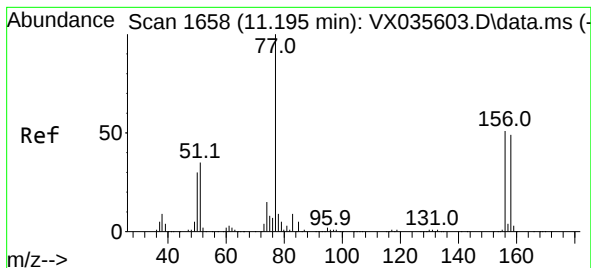
Tgt Ion: 83 Resp: 23975
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.8 14.3
 85 63.3 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 6.449 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX035601.D
 Acq: 11 May 2023 11:24

Tgt Ion: 75 Resp: 25164
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.6 64.8





#77

Bromobenzene

Concen: 5.113 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

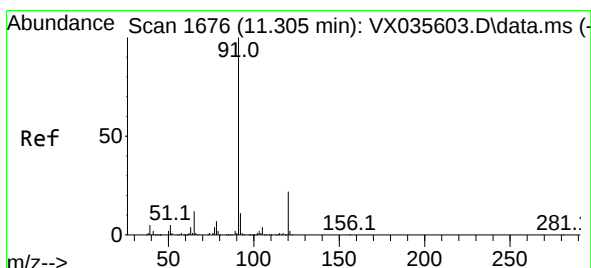
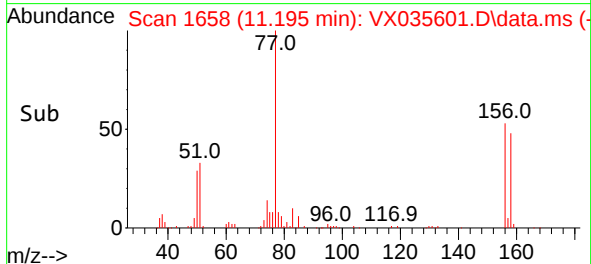
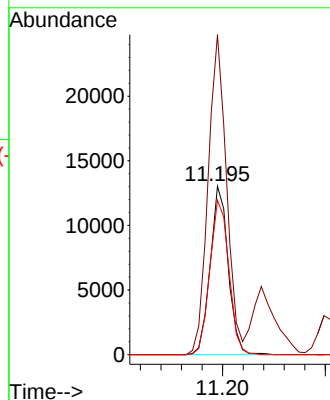
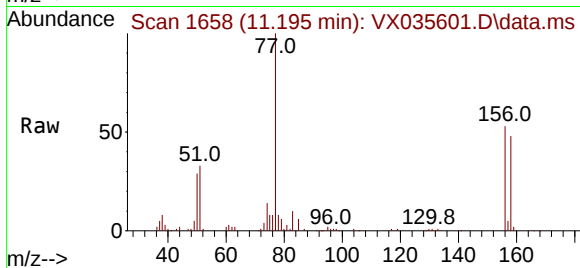
Tgt Ion:156 Resp: 15929

Ion Ratio Lower Upper

156 100

77 193.9 86.7 259.9

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 5.070 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035601.D

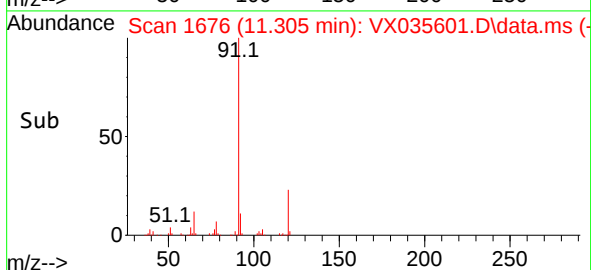
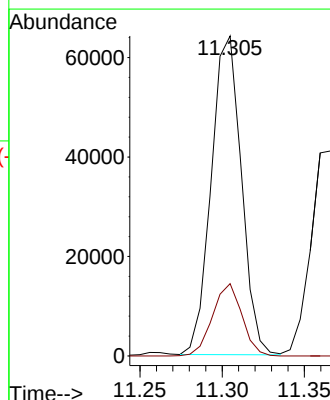
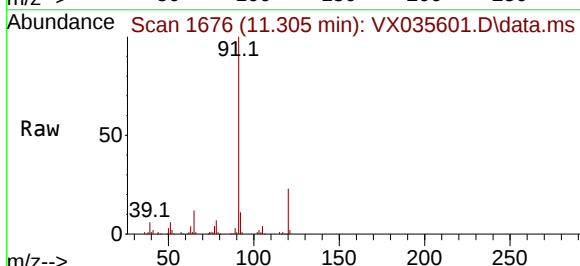
Acq: 11 May 2023 11:24

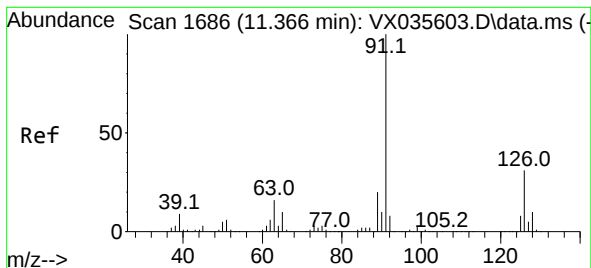
Tgt Ion: 91 Resp: 81795

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.5





#79

2-Chlorotoluene

Concen: 5.211 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

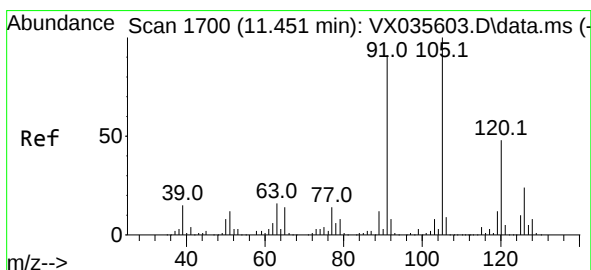
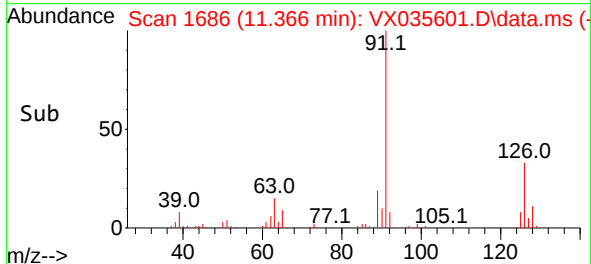
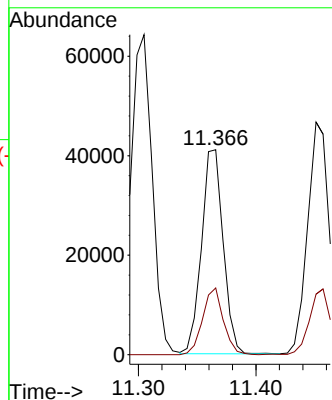
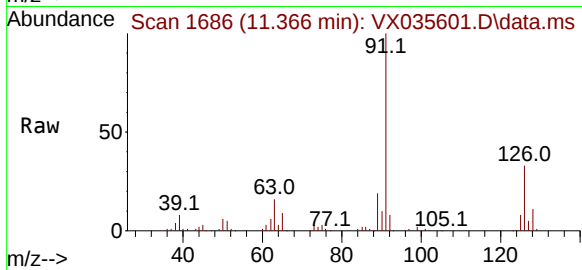
VSTDIC005

Tgt Ion: 91 Resp: 52641

Ion Ratio Lower Upper

91 100

126 31.1 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 5.068 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035601.D

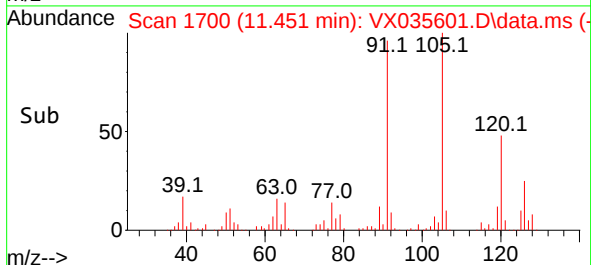
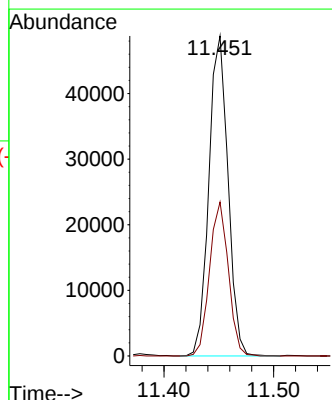
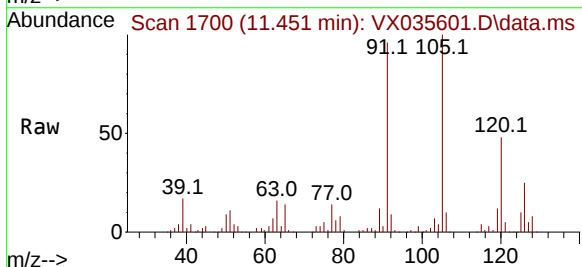
Acq: 11 May 2023 11:24

Tgt Ion:105 Resp: 59122

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1

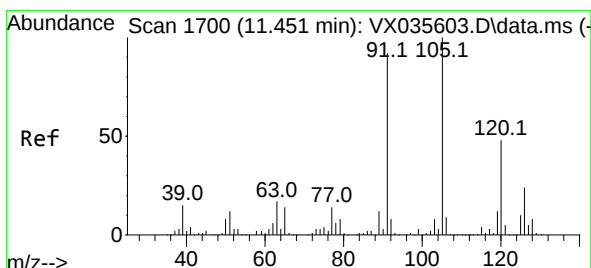
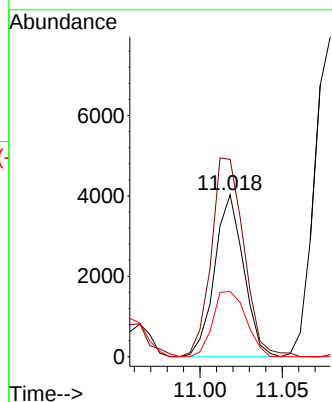
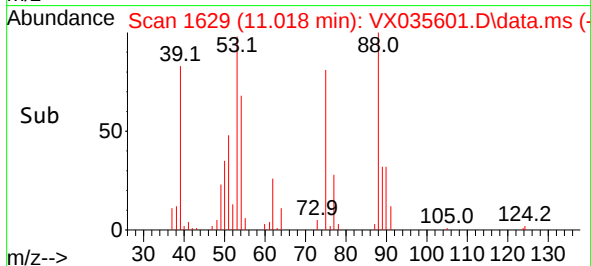
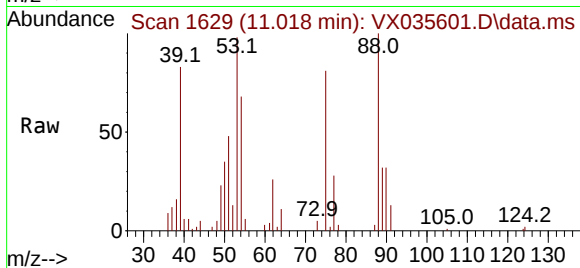




#81
trans-1,4-Dichloro-2-butene
Concen: 3.994 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

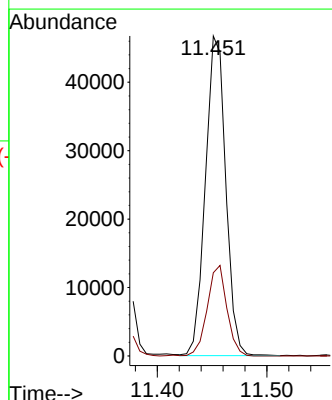
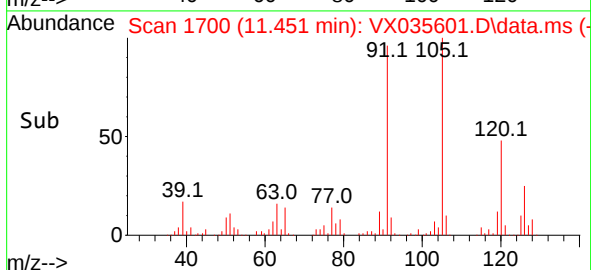
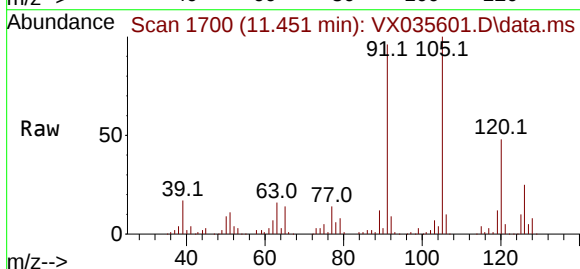
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

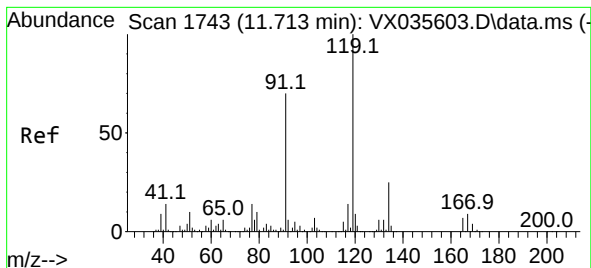
Tgt Ion: 75 Resp: 4938
Ion Ratio Lower Upper
75 100
53 138.2 82.6 124.0#
89 46.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 5.164 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion: 91 Resp: 60071
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.037 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

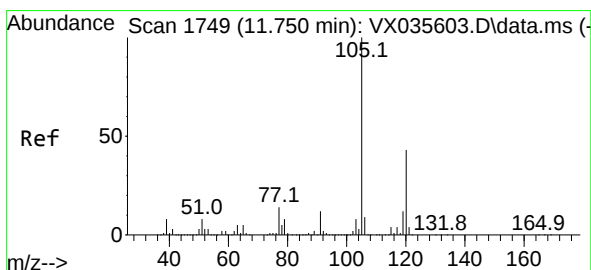
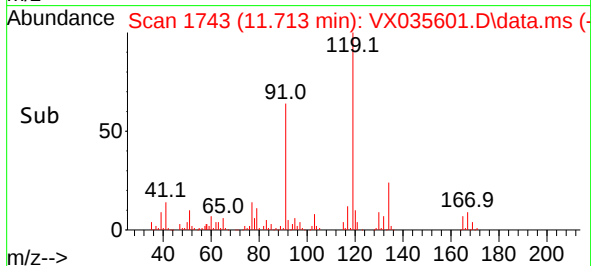
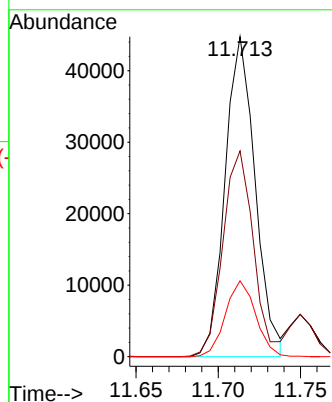
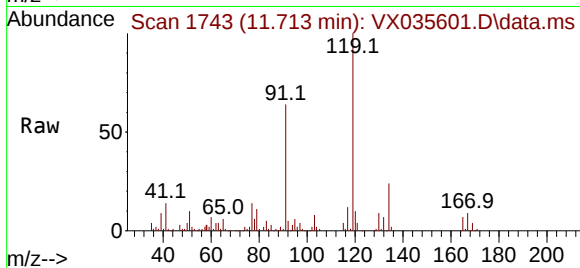
Tgt Ion:119 Resp: 57114

Ion Ratio Lower Upper

119 100

91 65.5 30.6 92.0

134 23.9 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 5.100 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035601.D

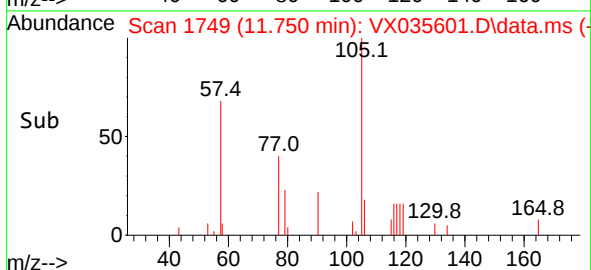
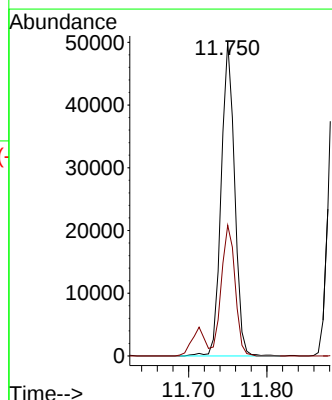
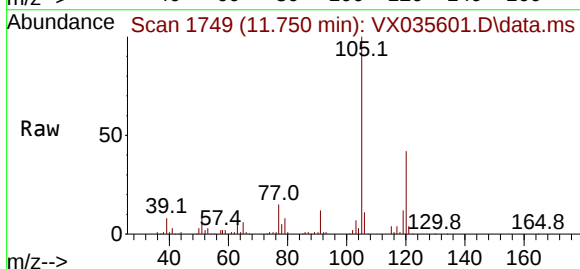
Acq: 11 May 2023 11:24

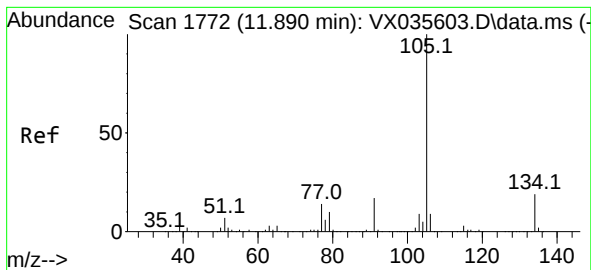
Tgt Ion:105 Resp: 59734

Ion Ratio Lower Upper

105 100

120 42.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 5.106 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

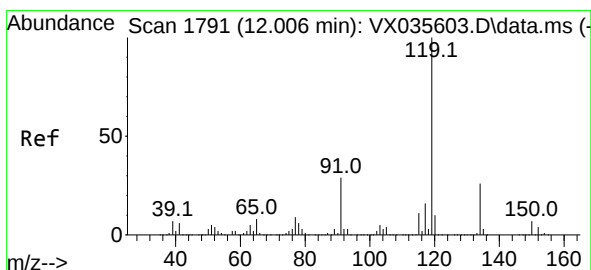
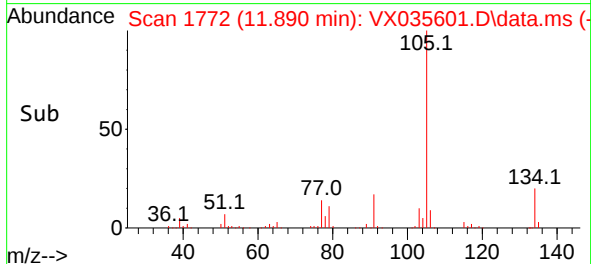
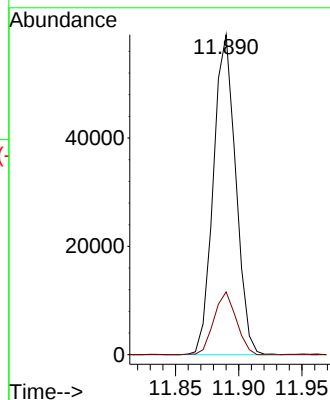
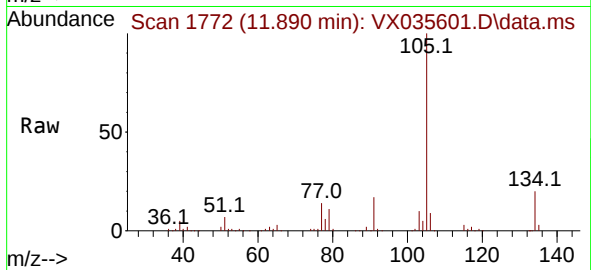
VSTDIC005

Tgt Ion:105 Resp: 72696

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.948 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

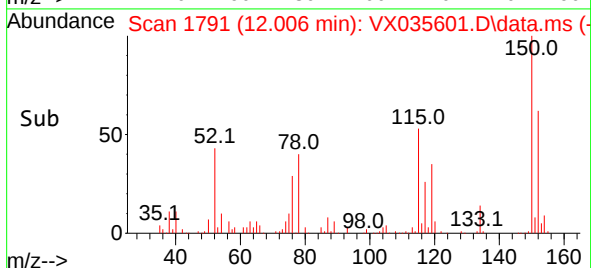
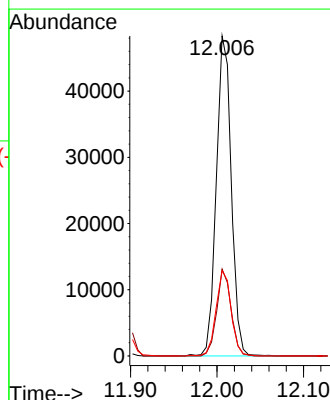
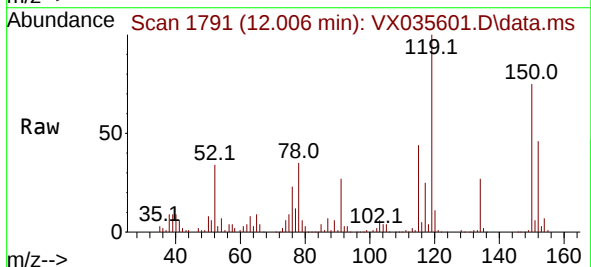
Tgt Ion:119 Resp: 57915

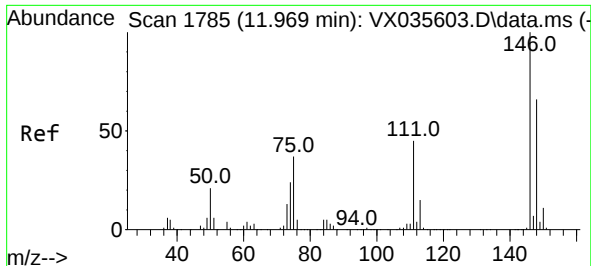
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 26.9 12.9 38.7

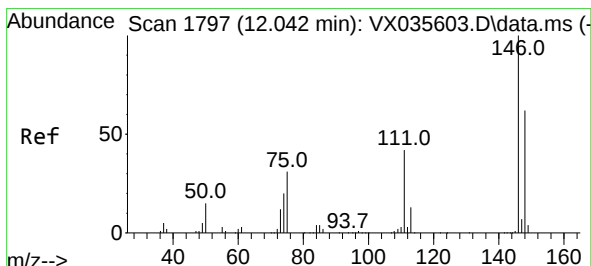
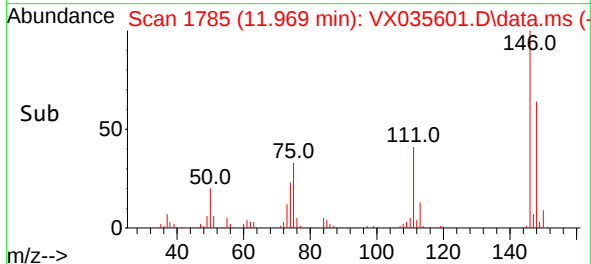
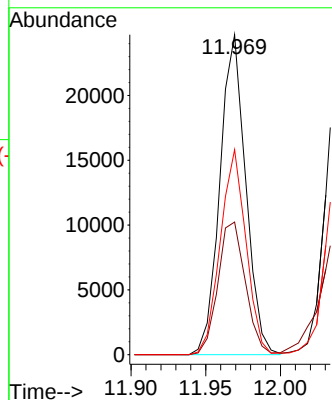
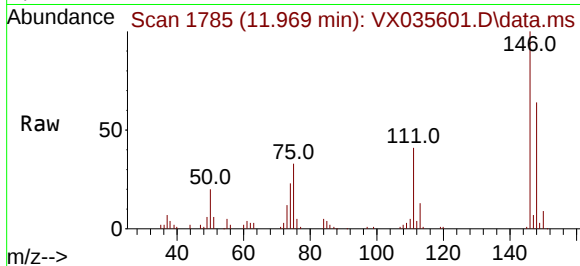




#87
1,3-Dichlorobenzene
Concen: 5.008 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

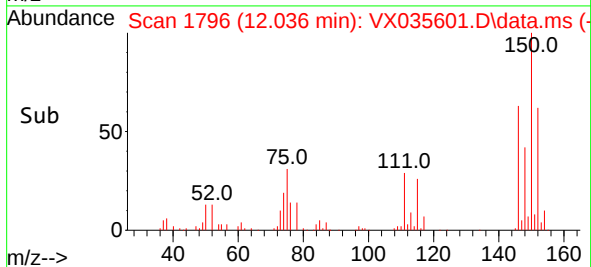
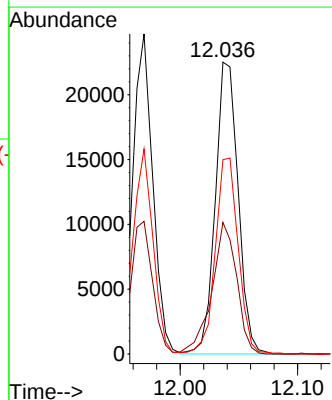
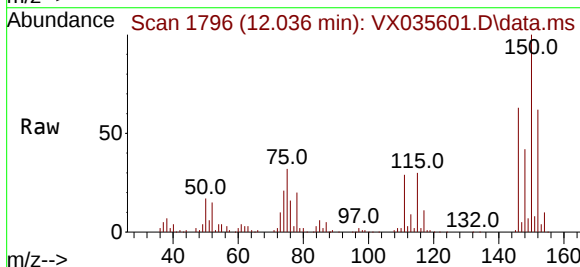
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 29638
Ion Ratio Lower Upper
146 100
111 44.1 20.9 62.8
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.086 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX035601.D
Acq: 11 May 2023 11:24

Tgt Ion:146 Resp: 30396
Ion Ratio Lower Upper
146 100
111 49.1 20.6 61.9
148 67.6 31.8 95.4





#89

n-Butylbenzene

Concen: 4.808 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

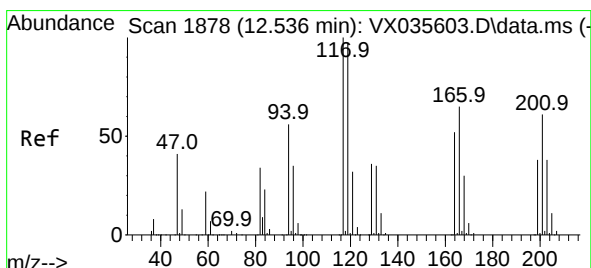
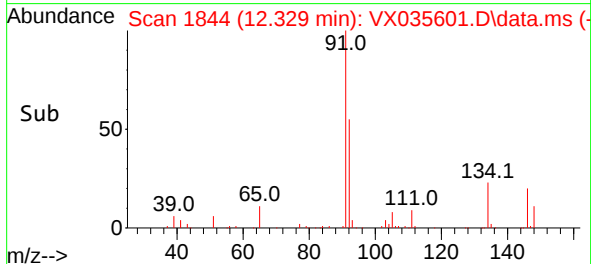
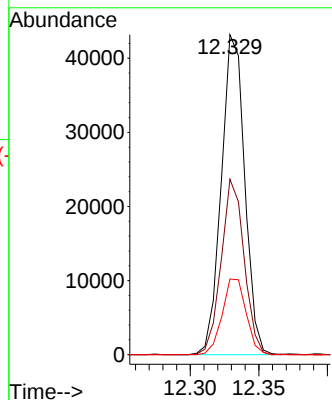
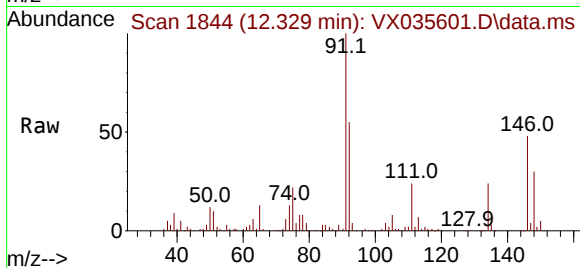
Tgt Ion: 91 Resp: 51188

Ion Ratio Lower Upper

91 100

92 53.8 27.7 83.0

134 24.2 13.0 38.9



#90

Hexachloroethane

Concen: 4.377 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035601.D

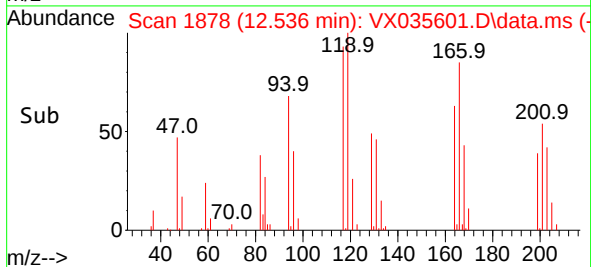
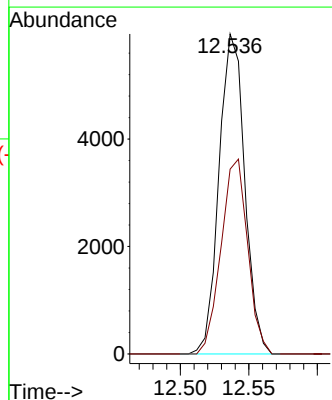
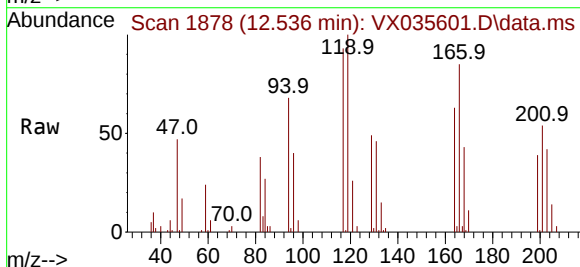
Acq: 11 May 2023 11:24

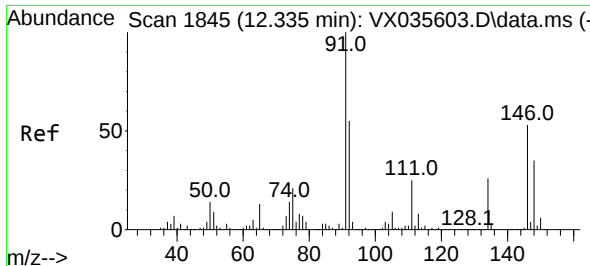
Tgt Ion: 117 Resp: 7765

Ion Ratio Lower Upper

117 100

201 63.1 34.4 103.1

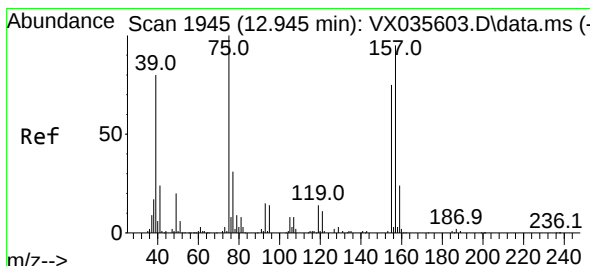
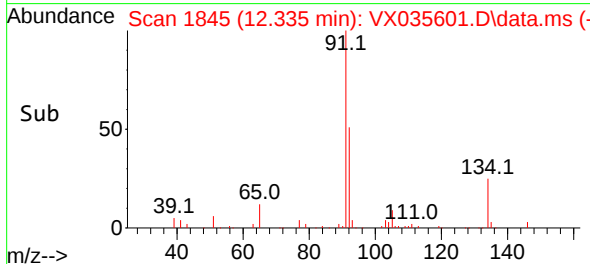
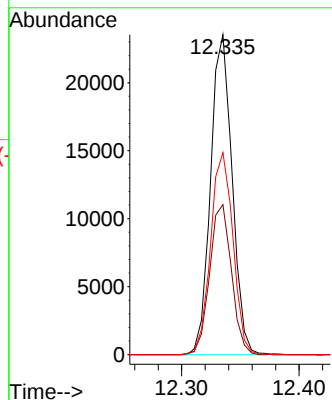
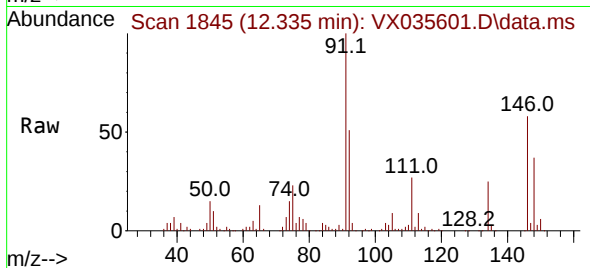




#91
 1,2-Dichlorobenzene
 Concen: 5.170 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX035601.D
 Acq: 11 May 2023 11:24

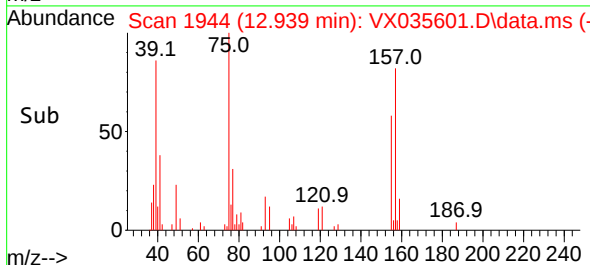
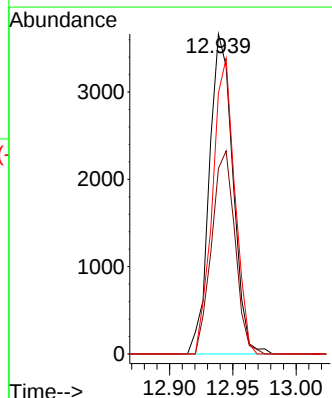
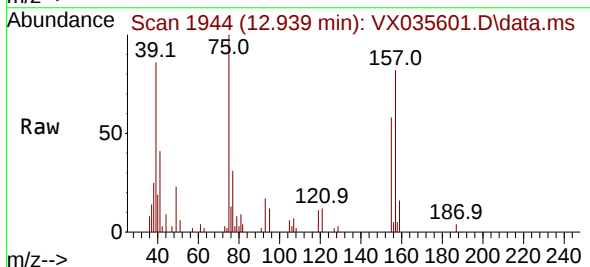
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

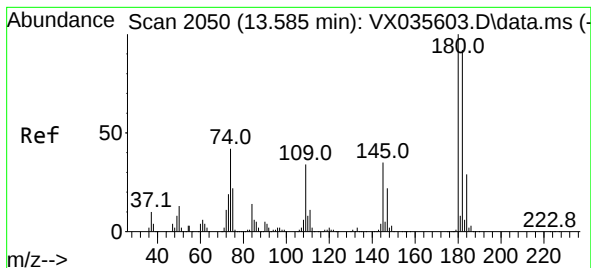
Tgt Ion:146 Resp: 29962
 Ion Ratio Lower Upper
 146 100
 111 47.5 22.0 66.0
 148 65.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.793 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX035601.D
 Acq: 11 May 2023 11:24

Tgt Ion: 75 Resp: 4752
 Ion Ratio Lower Upper
 75 100
 155 62.6 38.4 115.1
 157 87.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 4.770 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

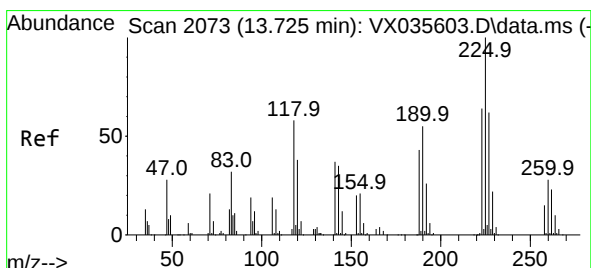
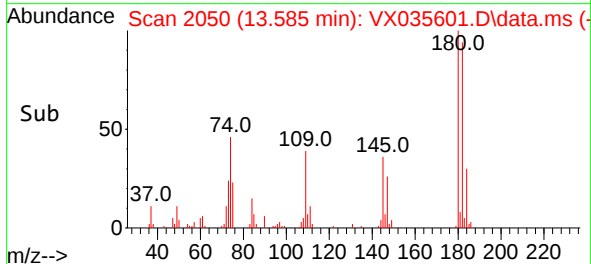
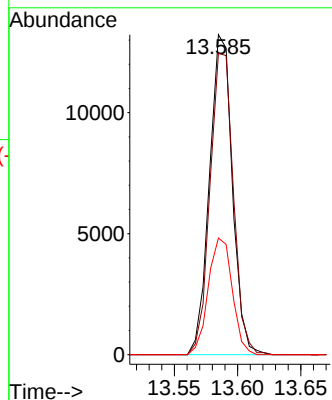
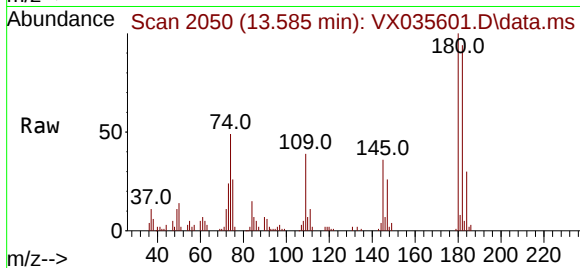
Tgt Ion:180 Resp: 16644

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.0

145 38.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 4.825 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

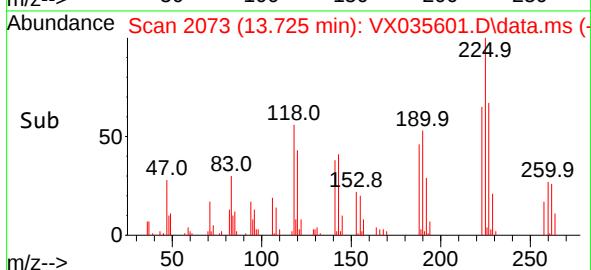
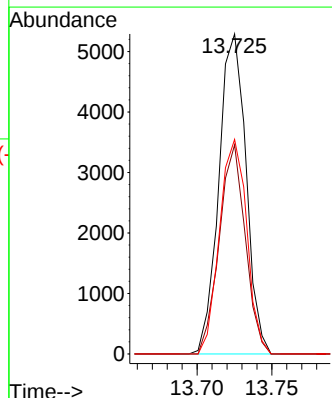
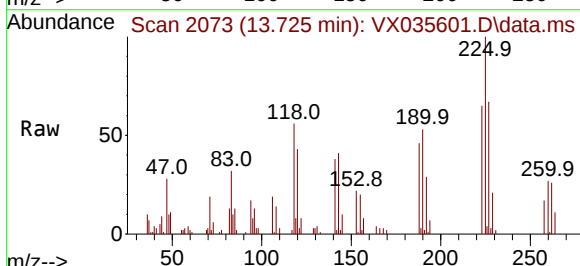
Tgt Ion:225 Resp: 6682

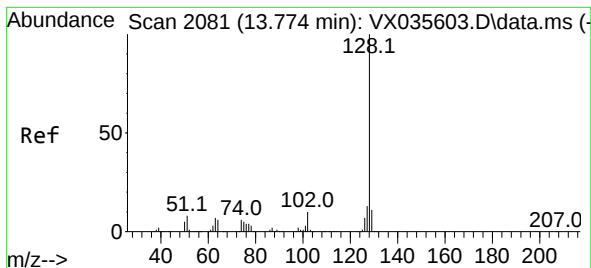
Ion Ratio Lower Upper

225 100

223 62.6 32.1 96.5

227 67.2 31.8 95.4





#95

Naphthalene

Concen: 5.093 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

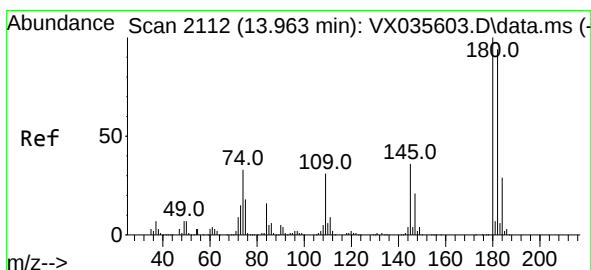
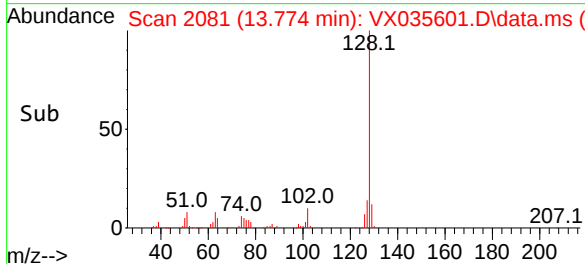
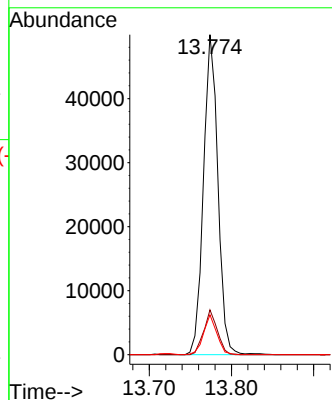
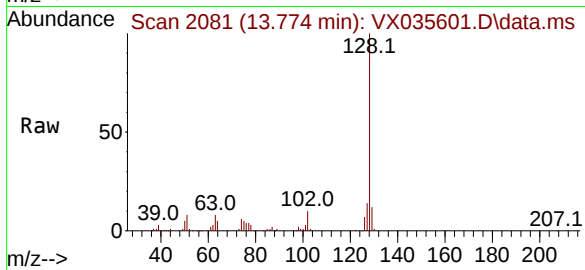
Tgt Ion:128 Resp: 60855

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.892 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035601.D

Acq: 11 May 2023 11:24

Tgt Ion:180 Resp: 16788

Ion Ratio Lower Upper

180 100

182 91.2 48.0 144.2

145 38.3 17.7 53.1

