

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043916.D
 Acq On : 20 Nov 2024 16:11
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 21 05:46:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	190961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	332307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117654	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	3836	1.308	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.620%#
35) Dibromofluoromethane	5.391	113	2746	1.231	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.460%#
50) Toluene-d8	8.647	98	9717	1.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.600%#
62) 4-Bromofluorobenzene	11.085	95	2246	0.912	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	1.820%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1581	0.818	ug/l	94
3) Chloromethane	1.295	50	2164	0.896	ug/l	89
4) Vinyl Chloride	1.374	62	2289	0.943	ug/l	96
5) Bromomethane	1.593	94	1590	1.443	ug/l	97
6) Chloroethane	1.660	64	1417	1.223	ug/l	97
7) Trichlorofluoromethane	1.868	101	3248	0.939	ug/l	95
8) Diethyl Ether	2.130	74	1276	0.978	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.319	101	1683	0.822	ug/l	96
10) Methyl Iodide	2.441	142	1912	0.664	ug/l	94
11) Tert butyl alcohol	2.947	59	3866	8.288	ug/l #	72
12) 1,1-Dichloroethene	2.313	96	1459	0.734	ug/l	87
13) Acrolein	2.240	56	2192	4.190	ug/l	95
14) Allyl chloride	2.654	41	2428	0.754	ug/l #	80
15) Acrylonitrile	3.081	53	5292	4.407	ug/l	99
16) Acetone	2.386	43	6333	5.376	ug/l	98
17) Carbon Disulfide	2.496	76	4071	0.938	ug/l	95
18) Methyl Acetate	2.703	43	3413	1.058	ug/l	90
19) Methyl tert-butyl Ether	3.105	73	6652	0.906	ug/l	95
20) Methylene Chloride	2.776	84	2566	1.041	ug/l #	79
21) trans-1,2-Dichloroethene	3.081	96	2100	0.969	ug/l	92
22) Diisopropyl ether	3.758	45	6533	0.928	ug/l #	57
23) Vinyl Acetate	3.727	43	21428	3.756	ug/l	98
24) 1,1-Dichloroethane	3.599	63	3780	0.913	ug/l #	81
25) 2-Butanone	4.587	43	7040	4.272	ug/l #	80
26) 2,2-Dichloropropane	4.465	77	2993	0.880	ug/l	82
27) cis-1,2-Dichloroethene	4.489	96	2501	0.928	ug/l	100
28) Bromochloromethane	4.898	49	1669	0.958	ug/l #	93
29) Tetrahydrofuran	5.019	42	4641	4.358	ug/l #	44
30) Chloroform	5.087	83	3881	0.900	ug/l	95
31) Cyclohexane	5.452	56	3006	0.896	ug/l #	83
32) 1,1,1-Trichloroethane	5.379	97	3108	0.843	ug/l #	48
36) 1,1-Dichloropropene	5.684	75	2931	1.054	ug/l	97
37) Ethyl Acetate	4.751	43	2167	0.686	ug/l #	84
38) Carbon Tetrachloride	5.654	117	2726	0.926	ug/l #	84
39) Methylcyclohexane	7.373	83	3207	0.921	ug/l #	77
40) Benzene	6.038	78	8218	0.940	ug/l	100

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 21 05:46:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1395	0.855	ug/l #	79
42) 1,2-Dichloroethane	6.092	62	3064	0.965	ug/l	82
43) Isopropyl Acetate	6.355	43	4194	0.849	ug/l #	89
44) Trichloroethene	7.129	130	3248	1.348	ug/l	96
45) 1,2-Dichloropropane	7.434	63	2064	0.963	ug/l	99
46) Dibromomethane	7.580	93	1556	0.964	ug/l	96
47) Bromodichloromethane	7.824	83	2386	0.841	ug/l #	83
48) Methyl methacrylate	7.708	41	2123	0.868	ug/l #	76
49) 1,4-Dioxane	7.690	88	516	9.928	ug/l #	61
51) 4-Methyl-2-Pentanone	8.580	43	13839	4.495	ug/l	98
52) Toluene	8.720	92	4957	0.983	ug/l	100
53) t-1,3-Dichloropropene	8.988	75	2647	0.920	ug/l #	88
54) cis-1,3-Dichloropropene	8.373	75	2762	0.847	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	1933	0.982	ug/l #	75
56) Ethyl methacrylate	9.122	69	2381	0.764	ug/l	91
57) 1,3-Dichloropropane	9.311	76	3337	1.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	7629	4.669	ug/l	98
59) 2-Hexanone	9.439	43	9046	4.165	ug/l	97
60) Dibromochloromethane	9.525	129	1557	0.812	ug/l	100
61) 1,2-Dibromoethane	9.616	107	2055	1.001	ug/l	99
64) Tetrachloroethene	9.269	164	1835	1.015	ug/l #	82
65) Chlorobenzene	10.080	112	5915	1.005	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	1603	0.818	ug/l #	57
67) Ethyl Benzene	10.195	91	8407	0.848	ug/l	97
68) m/p-Xylenes	10.305	106	6246	1.692	ug/l	92
69) o-Xylene	10.640	106	2818	0.782	ug/l	89
70) Styrene	10.659	104	4241	0.715	ug/l #	89
71) Bromoform	10.799	173	842	3.363	ug/l #	98
73) Isopropylbenzene	10.964	105	7229	0.861	ug/l	97
74) N-amyl acetate	10.848	43	2623	3.420	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	2345	0.826	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	2351	0.979	ug/l	89
77) Bromobenzene	11.207	156	1732	0.841	ug/l	94
78) n-propylbenzene	11.305	91	7191	0.776	ug/l	99
79) 2-Chlorotoluene	11.366	91	5218	0.885	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	5819	0.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.031	75	572	5.761	ug/l #	52
82) 4-Chlorotoluene	11.457	91	6218	0.916	ug/l	96
83) tert-Butylbenzene	11.713	119	6452	0.906	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	5926	0.838	ug/l	97
85) sec-Butylbenzene	11.890	105	7315	0.860	ug/l	93
86) p-Isopropyltoluene	12.012	119	6068	0.850	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	3768	0.988	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	3768	0.964	ug/l	93
89) n-Butylbenzene	12.335	91	4688	0.771	ug/l	98
90) Hexachloroethane	12.536	117	1028	3.579	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	4040	1.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	441	4.084	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	2035	0.872	ug/l	88
94) Hexachlorobutadiene	13.719	225	1031	1.078	ug/l	92
95) Naphthalene	13.780	128	7858	0.903	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2267	0.932	ug/l	95

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

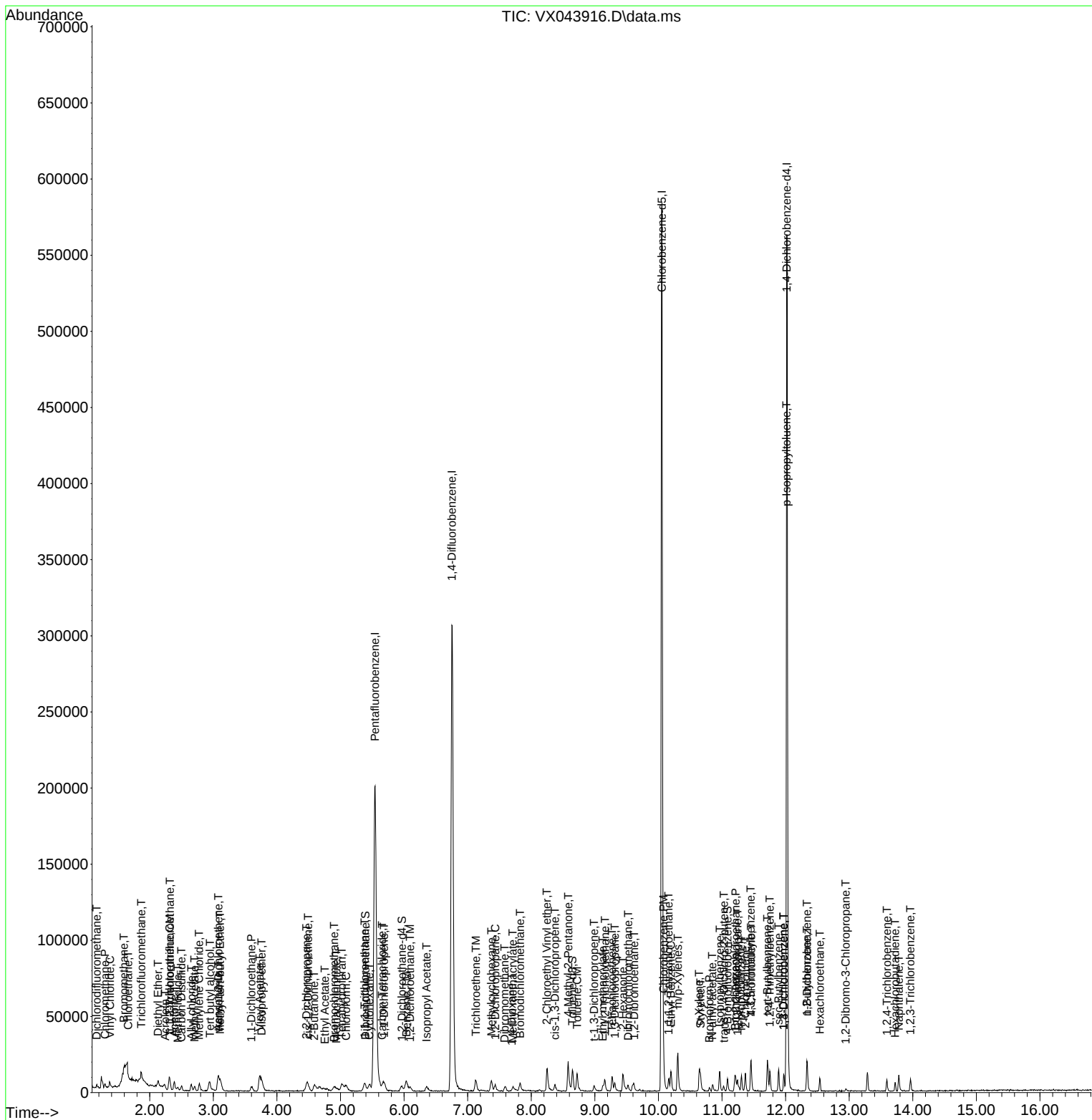
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

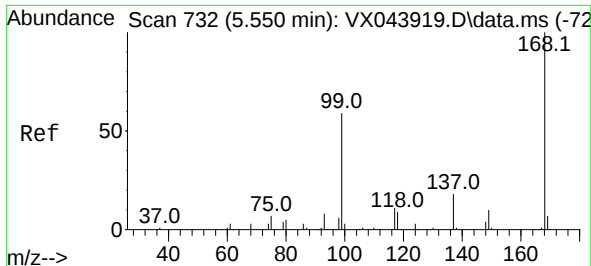
Quant Time: Nov 21 05:46:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 05:45:57 2024
Response via : Initial Calibration

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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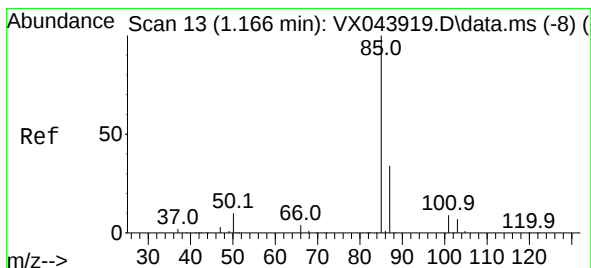
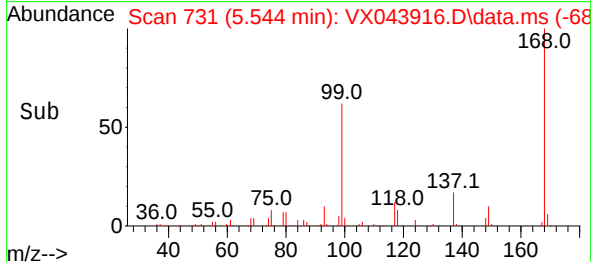
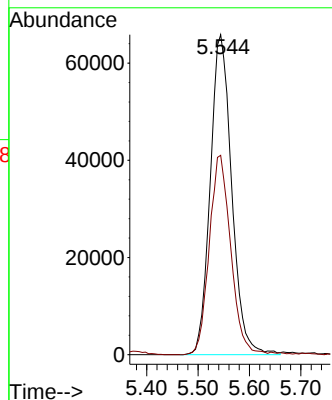
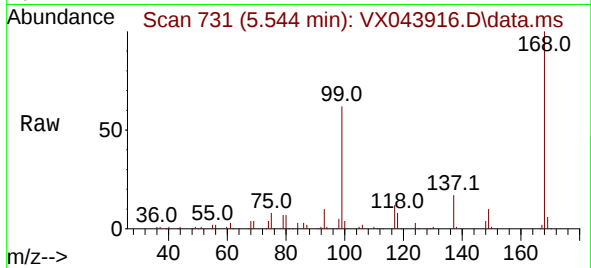




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

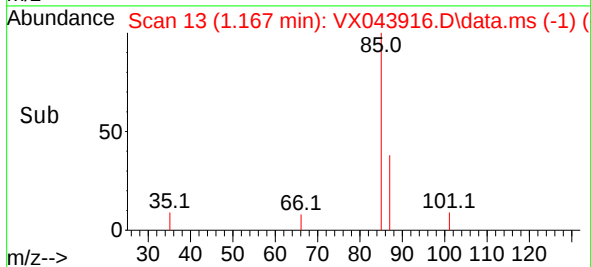
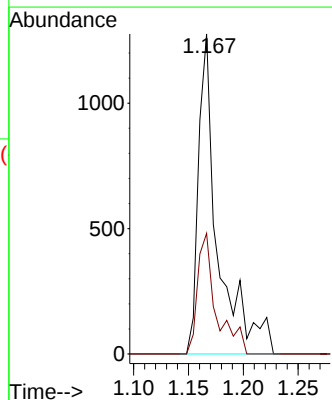
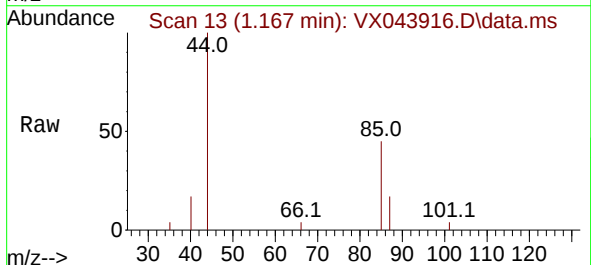
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

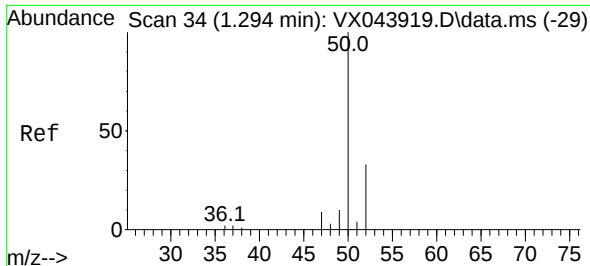
Tgt Ion:168 Resp: 190961
Ion Ratio Lower Upper
168 100
99 62.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 0.818 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 85 Resp: 1581
Ion Ratio Lower Upper
85 100
87 37.7 17.1 51.2

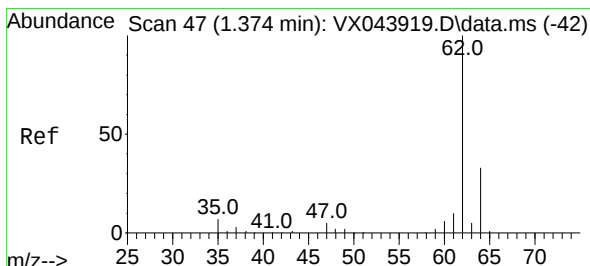
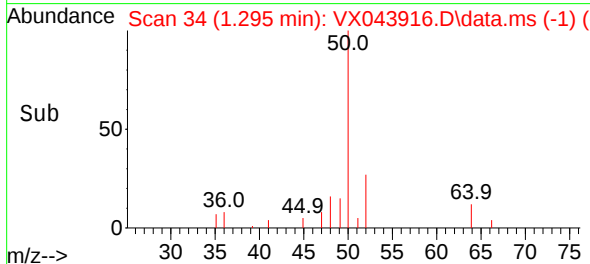
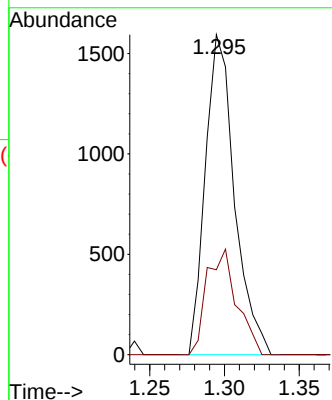
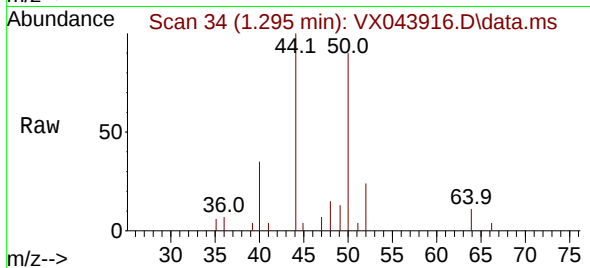




#3
Chloromethane
Concen: 0.896 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

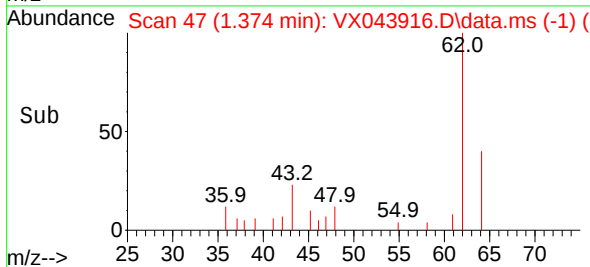
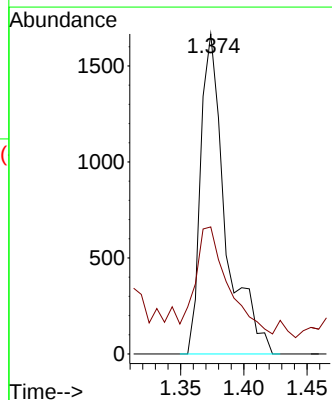
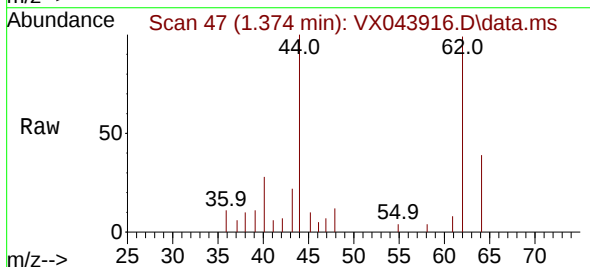
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

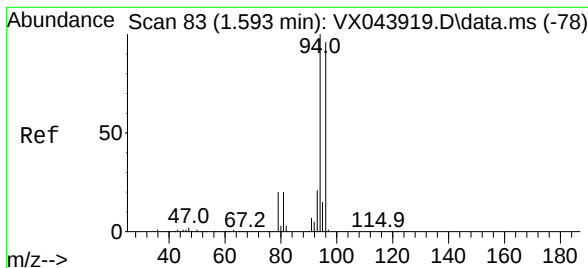
Tgt Ion: 50 Resp: 2164
Ion Ratio Lower Upper
50 100
52 26.5 26.2 39.2



#4
Vinyl Chloride
Concen: 0.943 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 62 Resp: 2289
Ion Ratio Lower Upper
62 100
64 30.4 26.1 39.1





#5

Bromomethane

Concen: 1.443 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

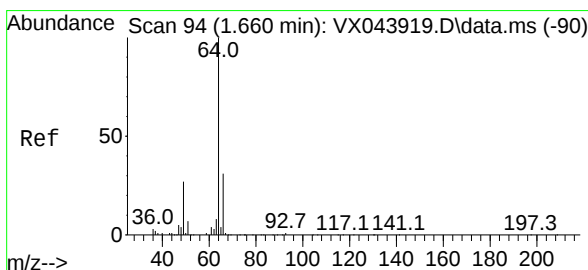
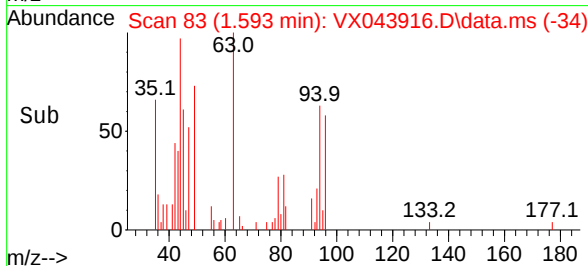
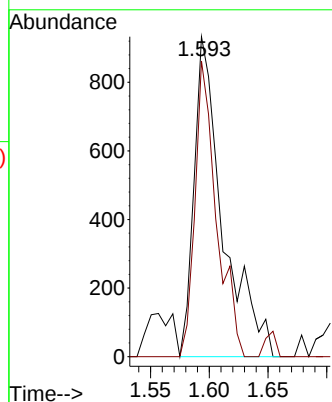
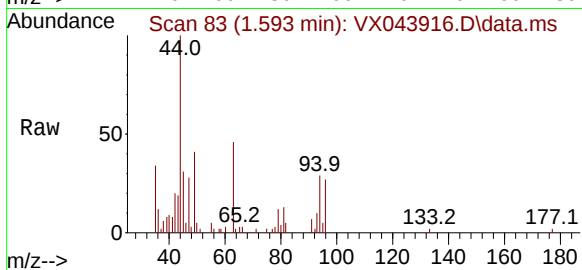
VSTDICC001

Tgt Ion: 94 Resp: 1590

Ion Ratio Lower Upper

94 100

96 92.4 76.5 114.7



#6

Chloroethane

Concen: 1.223 ug/l

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX043916.D

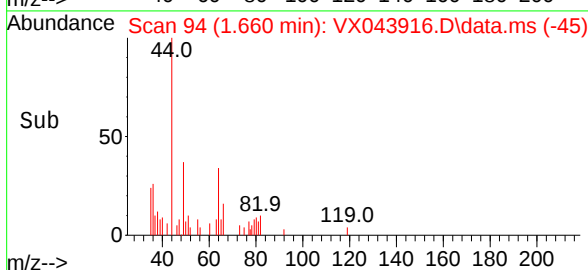
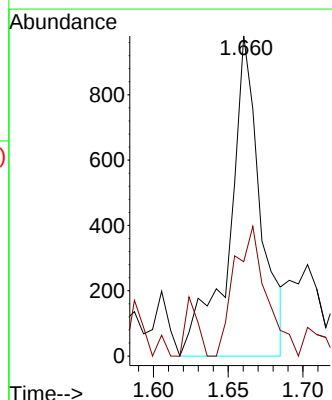
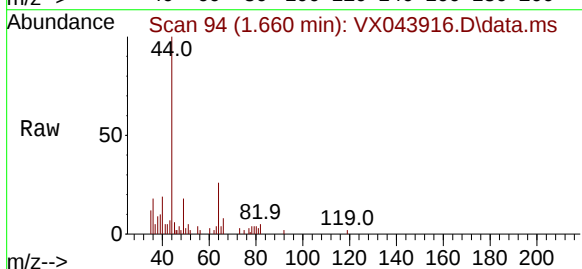
Acq: 20 Nov 2024 16:11

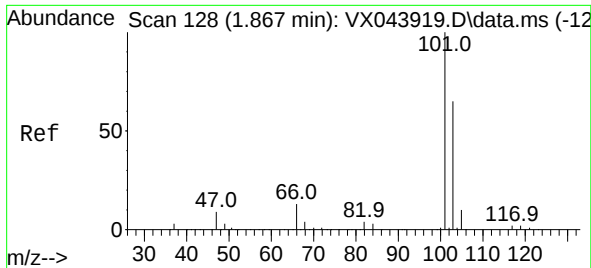
Tgt Ion: 64 Resp: 1417

Ion Ratio Lower Upper

64 100

66 29.5 24.9 37.3

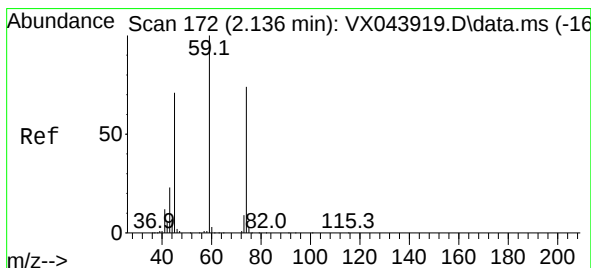
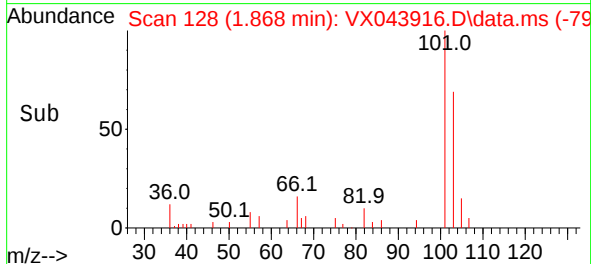
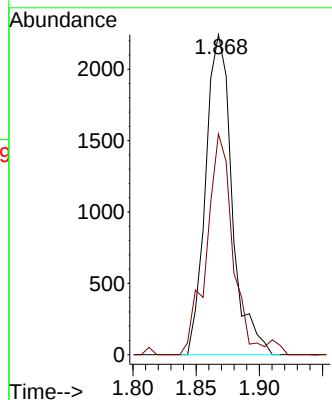
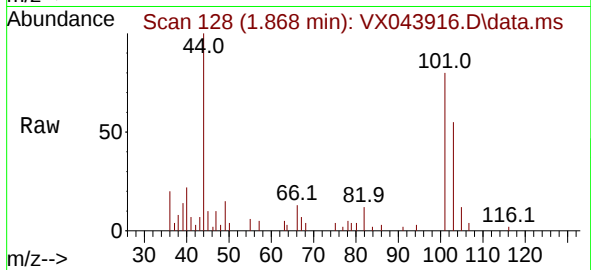




#7
 Trichlorofluoromethane
 Concen: 0.939 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043916.D
 Acq: 20 Nov 2024 16:11

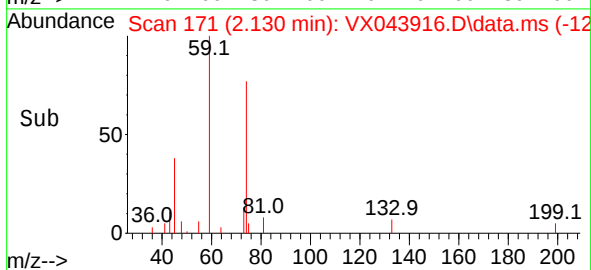
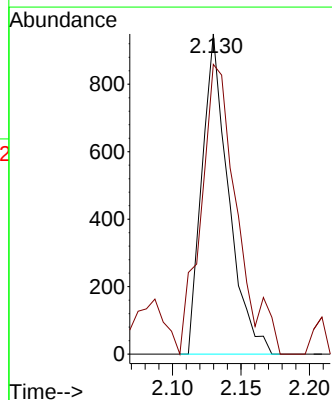
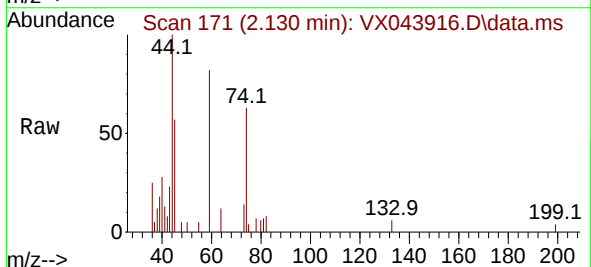
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

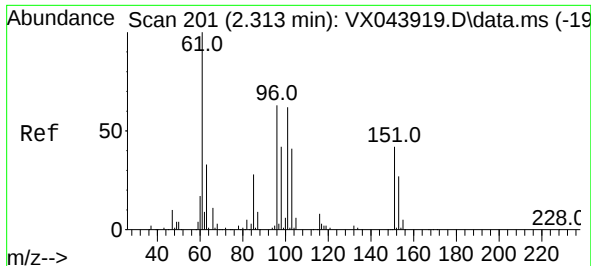
Tgt Ion:101 Resp: 3248
 Ion Ratio Lower Upper
 101 100
 103 69.0 52.2 78.4



#8
 Diethyl Ether
 Concen: 0.978 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX043916.D
 Acq: 20 Nov 2024 16:11

Tgt Ion: 74 Resp: 1276
 Ion Ratio Lower Upper
 74 100
 45 122.7 49.9 149.6

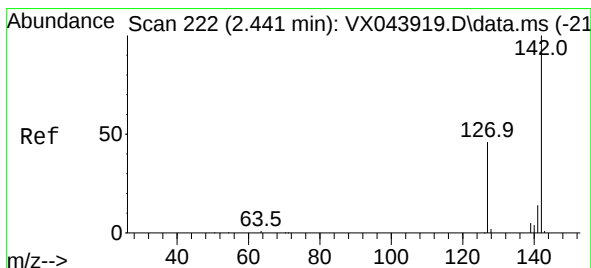
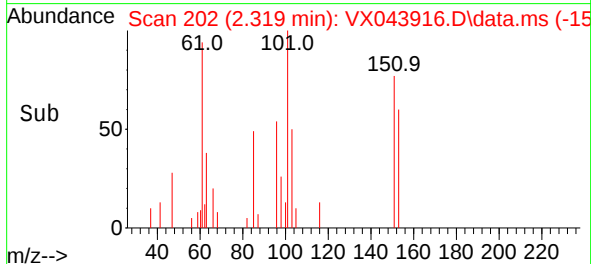
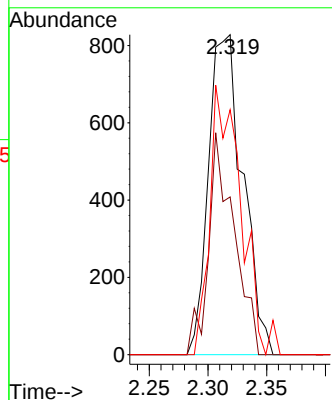
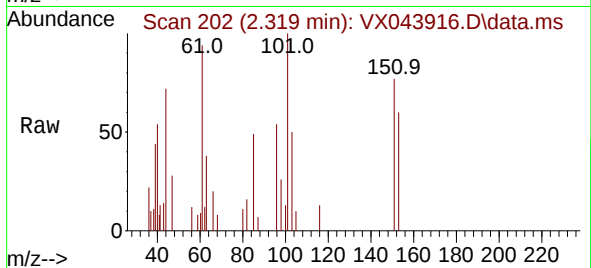




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.822 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

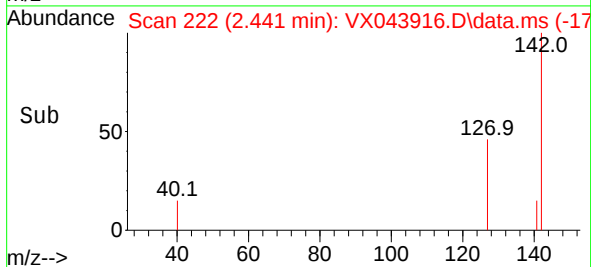
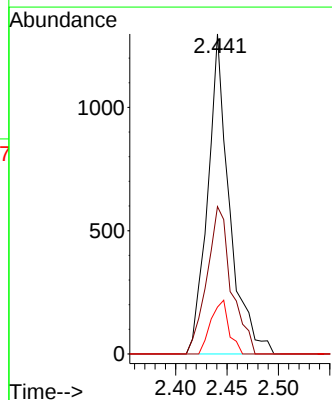
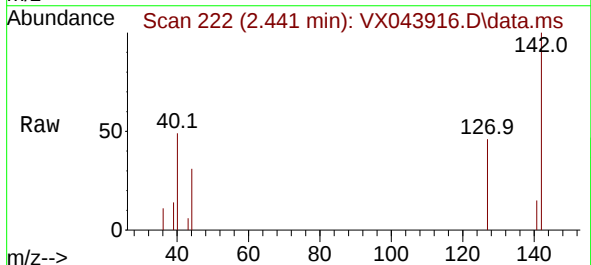
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

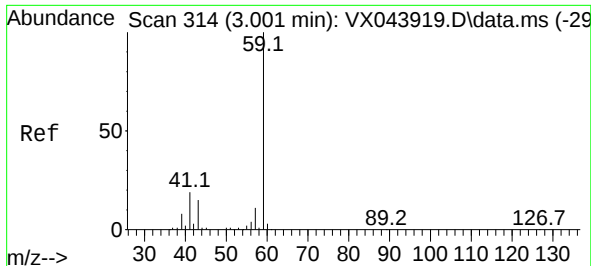
Tgt Ion:101 Resp: 1683
Ion Ratio Lower Upper
101 100
85 51.7 36.6 54.8
151 74.6 59.8 89.6



#10
Methyl Iodide
Concen: 0.664 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion:142 Resp: 1912
Ion Ratio Lower Upper
142 100
127 51.9 37.3 55.9
141 13.9 11.4 17.2

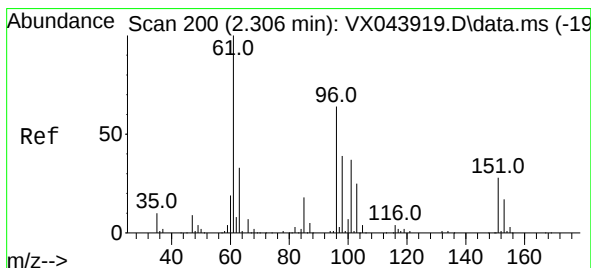
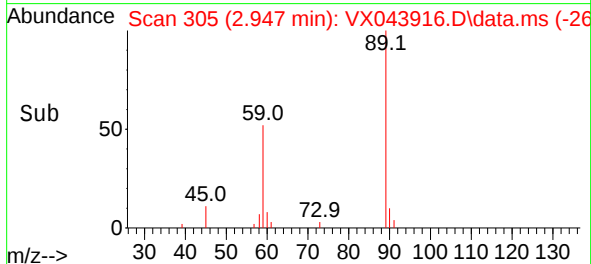
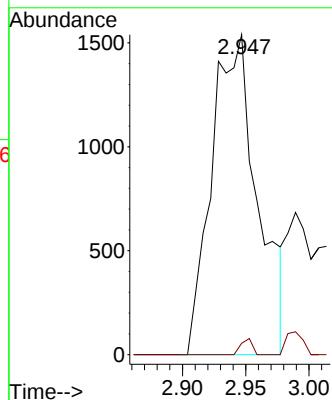
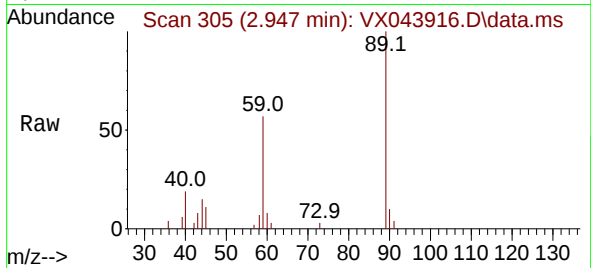




#11
Tert butyl alcohol
Concen: 8.288 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

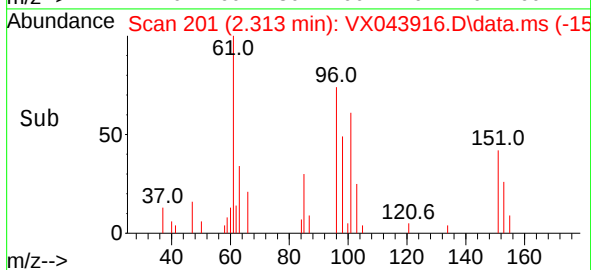
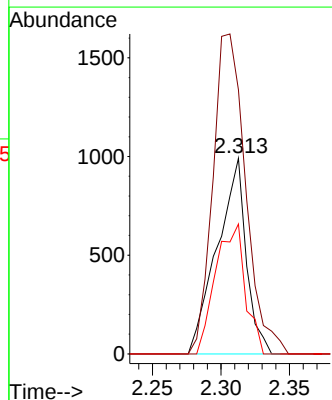
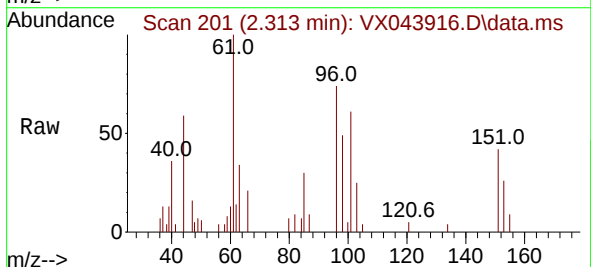
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

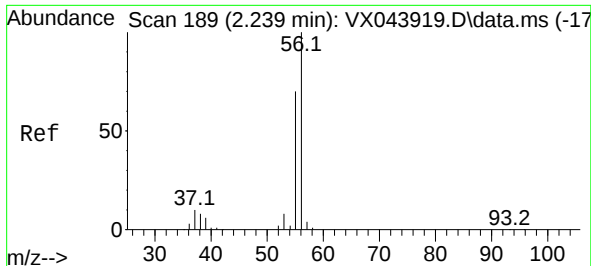
Tgt Ion: 59 Resp: 3866
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.734 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 96 Resp: 1459
Ion Ratio Lower Upper
96 100
61 135.0 124.6 187.0
98 66.4 49.0 73.6

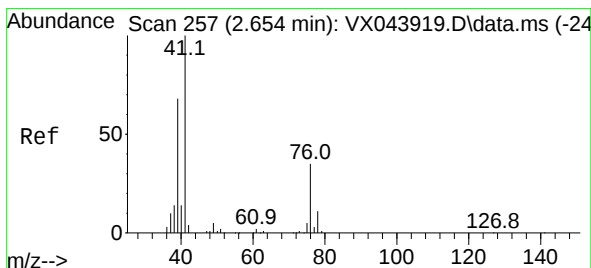
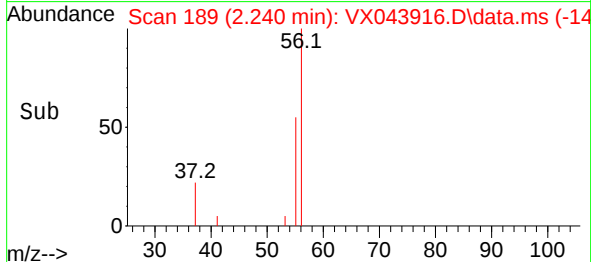
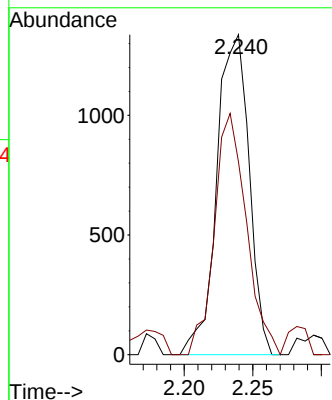
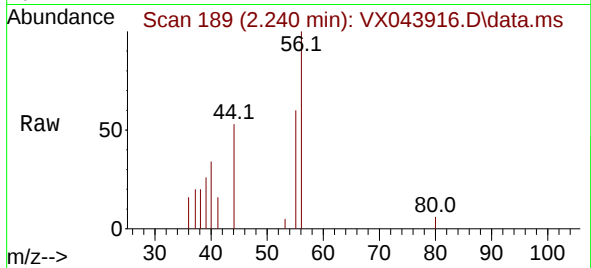




#13
Acrolein
Concen: 4.190 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

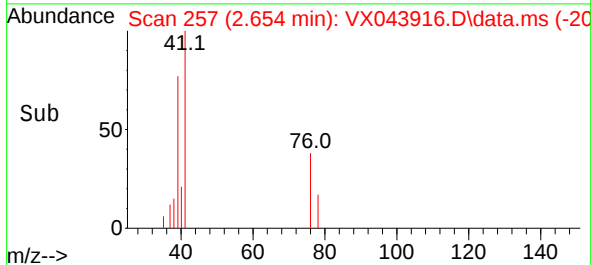
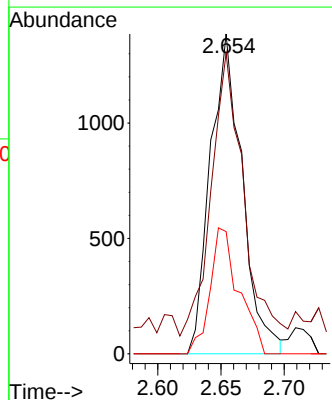
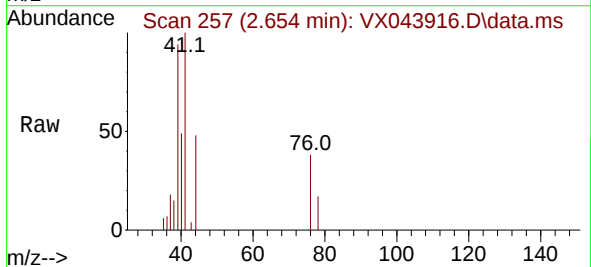
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

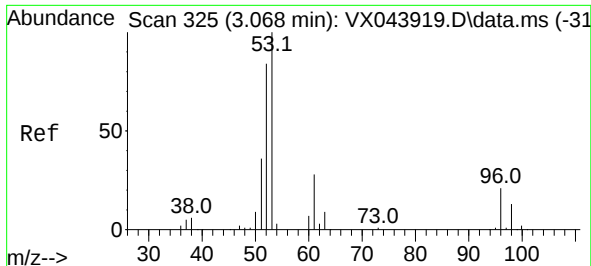
Tgt Ion: 56 Resp: 2192
Ion Ratio Lower Upper
56 100
55 74.6 56.1 84.1



#14
Allyl chloride
Concen: 0.754 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 41 Resp: 2428
Ion Ratio Lower Upper
41 100
39 88.1 51.7 77.5#
76 35.7 28.2 42.2





#15

Acrylonitrile

Concen: 4.407 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

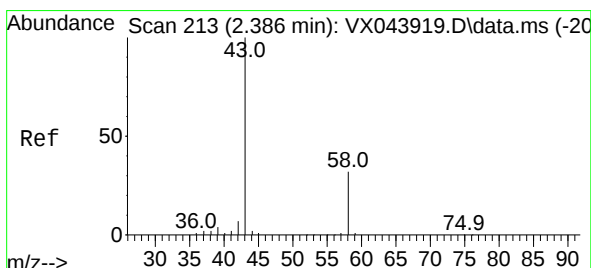
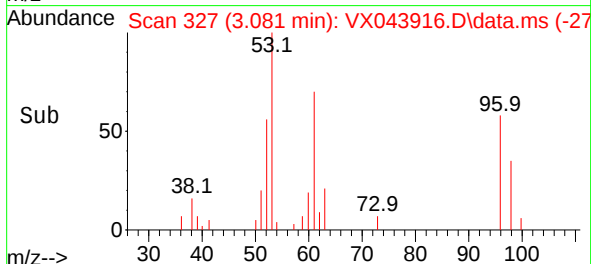
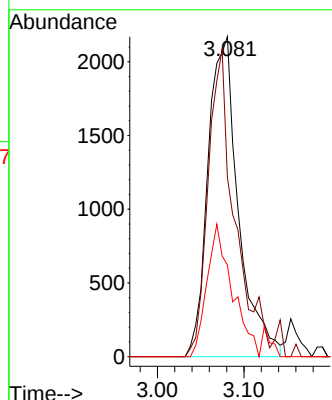
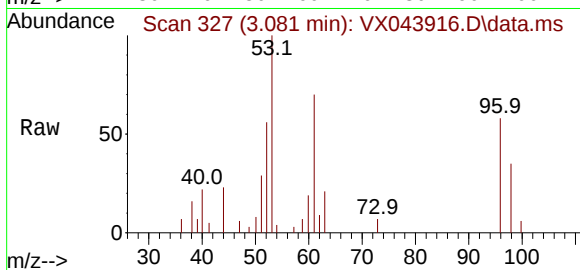
Tgt Ion: 53 Resp: 5292

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.8

51 34.6 28.6 42.8



#16

Acetone

Concen: 5.376 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX043916.D

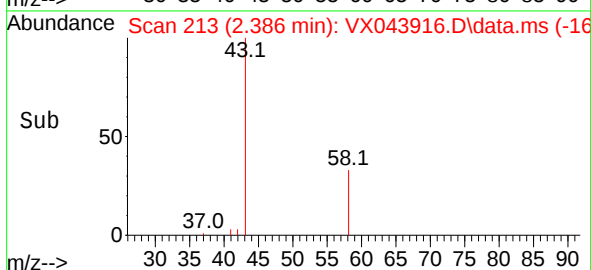
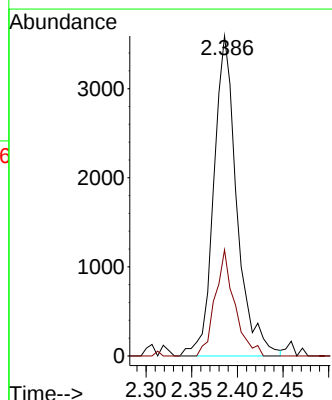
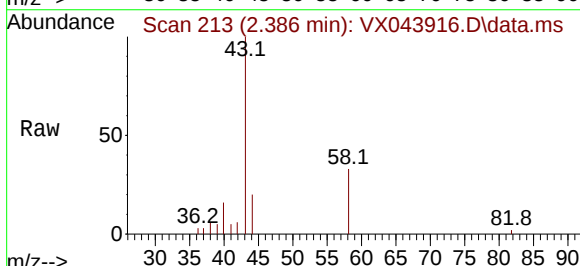
Acq: 20 Nov 2024 16:11

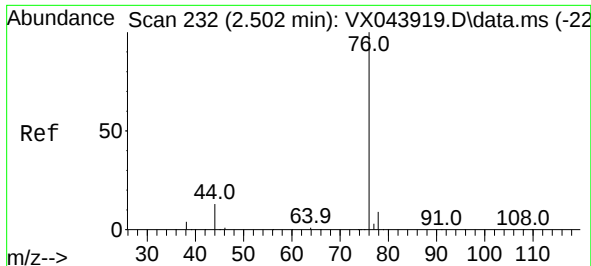
Tgt Ion: 43 Resp: 6333

Ion Ratio Lower Upper

43 100

58 33.2 25.8 38.6

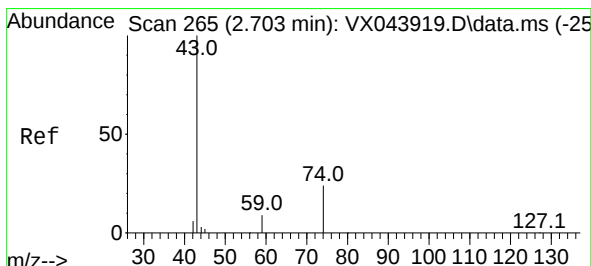
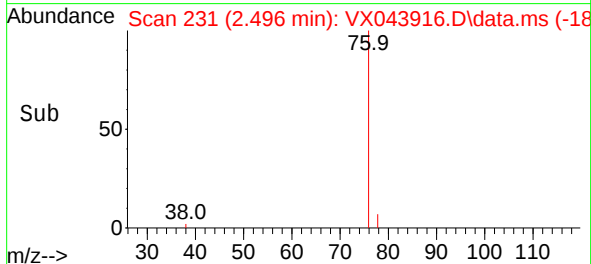
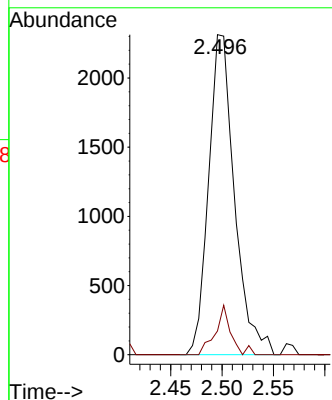
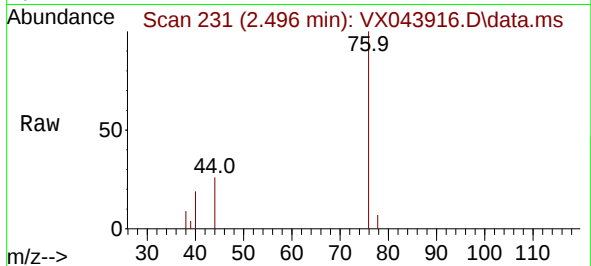




#17
Carbon Disulfide
Concen: 0.938 ug/l
RT: 2.496 min Scan# 241
Delta R.T. -0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

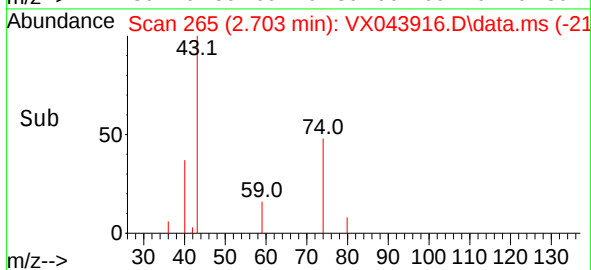
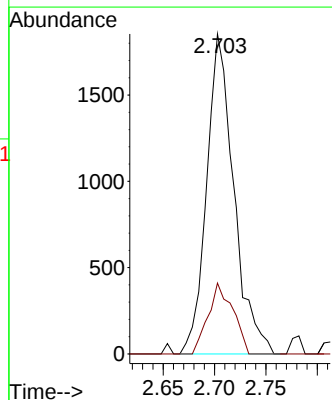
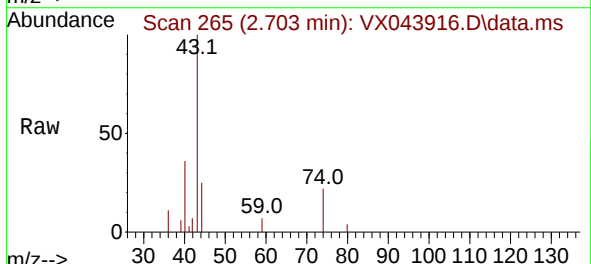
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

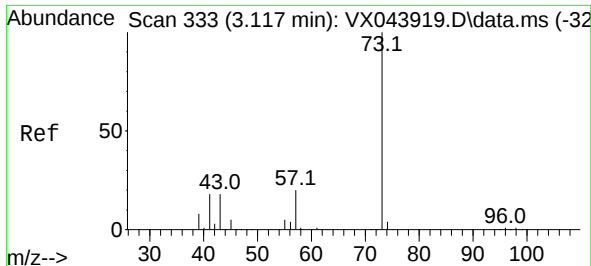
Tgt Ion: 76 Resp: 4071
Ion Ratio Lower Upper
76 100
78 7.4 7.3 10.9



#18
Methyl Acetate
Concen: 1.058 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 43 Resp: 3413
Ion Ratio Lower Upper
43 100
74 20.1 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 0.906 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

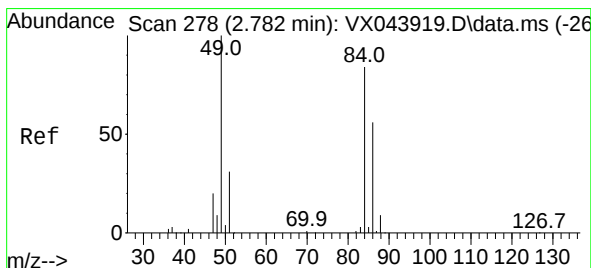
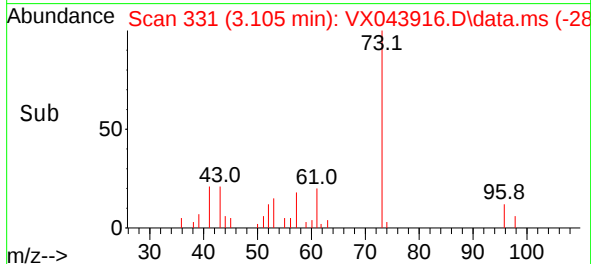
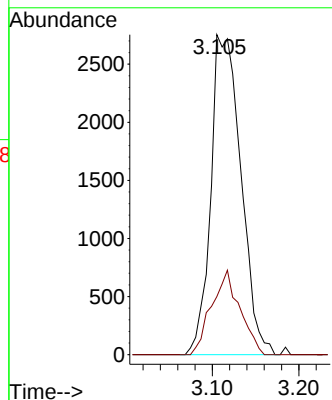
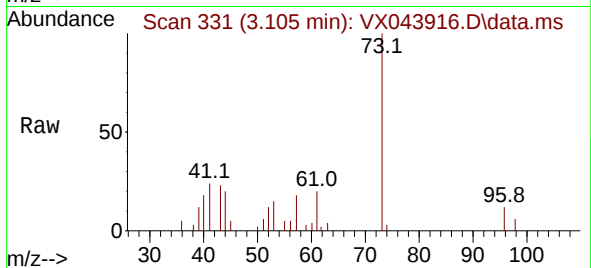
VSTDIC001

Tgt Ion: 73 Resp: 6652

Ion Ratio Lower Upper

73 100

57 18.2 16.4 24.6



#20

Methylene Chloride

Concen: 1.041 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Tgt Ion: 84 Resp: 2566

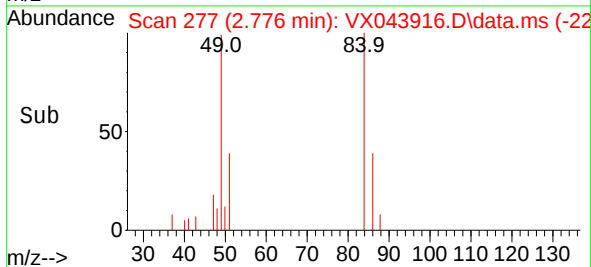
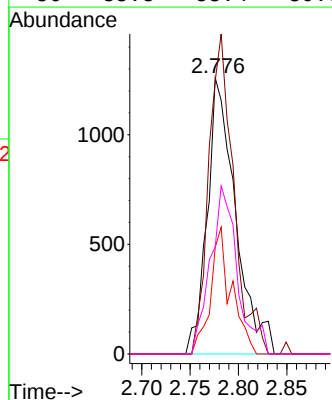
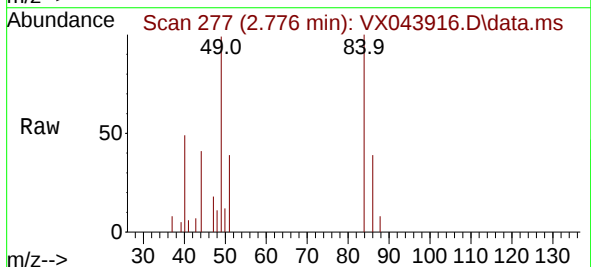
Ion Ratio Lower Upper

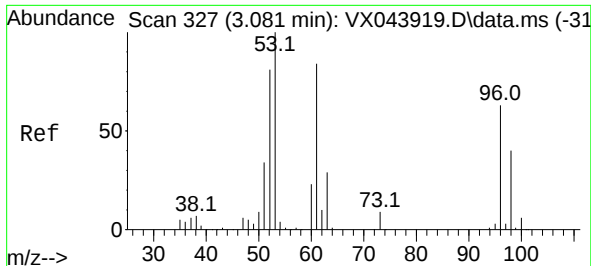
84 100

49 99.0 95.1 142.7

51 38.7 29.2 43.8

86 38.8 53.4 80.0#

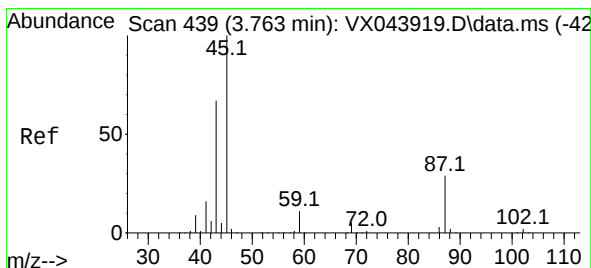
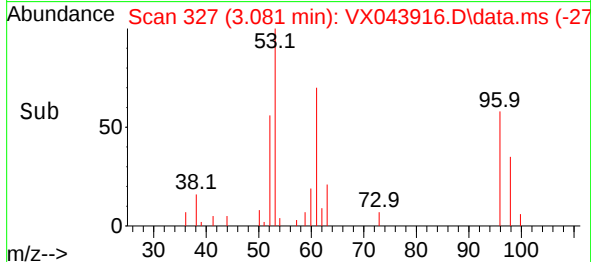
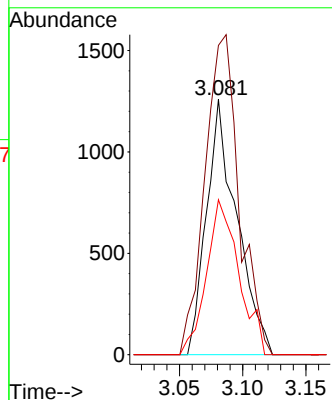
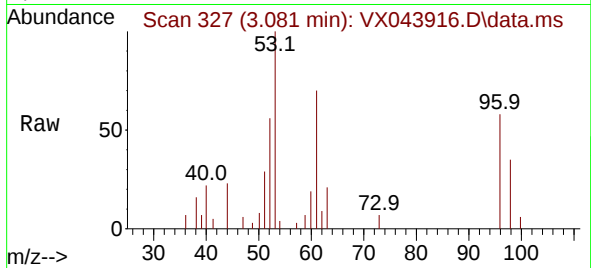




#21
trans-1,2-Dichloroethene
Concen: 0.969 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

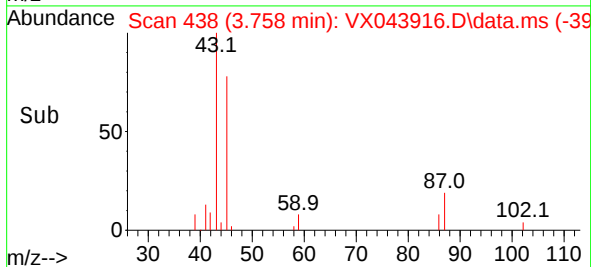
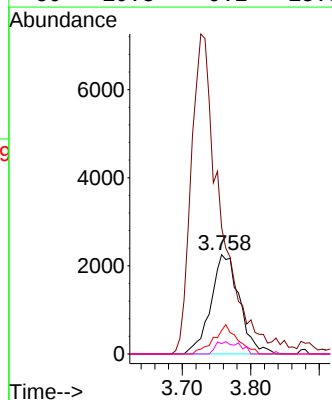
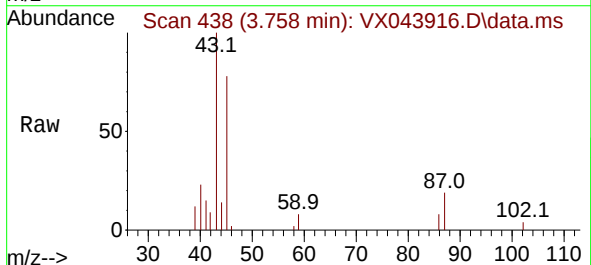
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

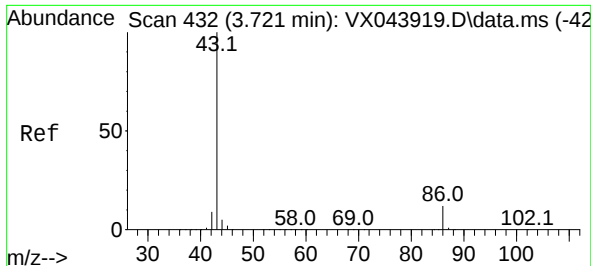
Tgt Ion: 96 Resp: 2100
Ion Ratio Lower Upper
96 100
61 121.1 106.4 159.6
98 60.7 50.9 76.3



#22
Diisopropyl ether
Concen: 0.928 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 45 Resp: 6533
Ion Ratio Lower Upper
45 100
43 118.1 53.8 80.6#
87 23.8 23.4 35.2
59 10.3 9.2 13.8

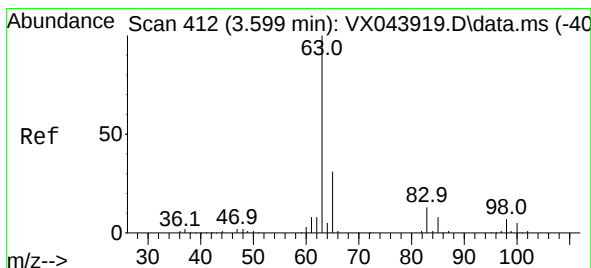
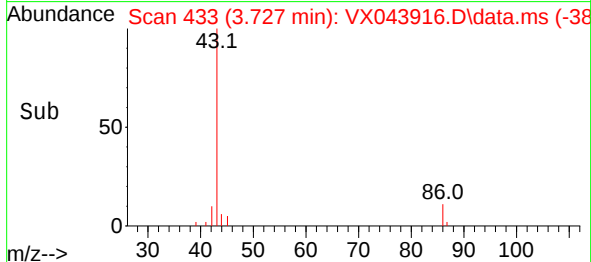
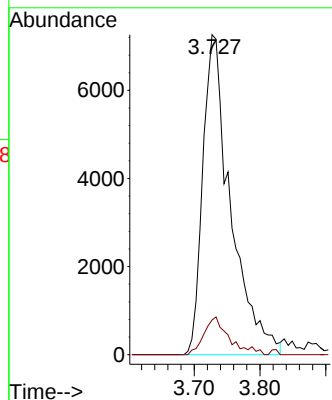
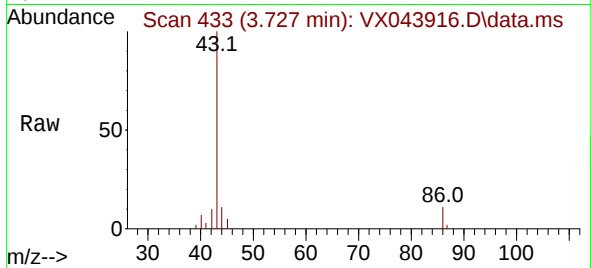




#23
 Vinyl Acetate
 Concen: 3.756 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX043916.D
 Acq: 20 Nov 2024 16:11

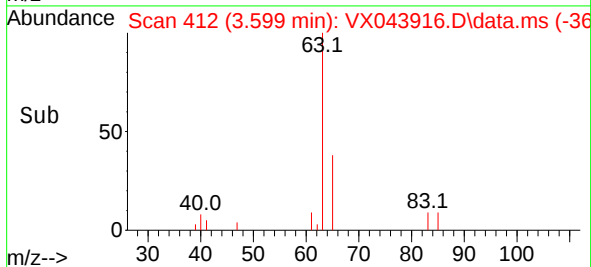
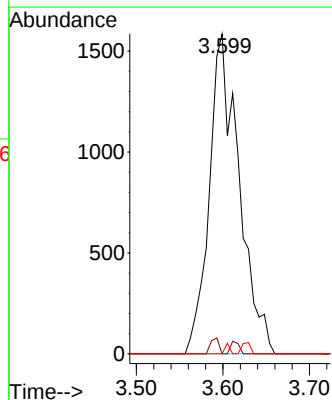
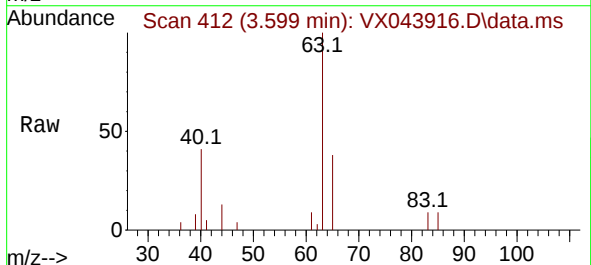
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

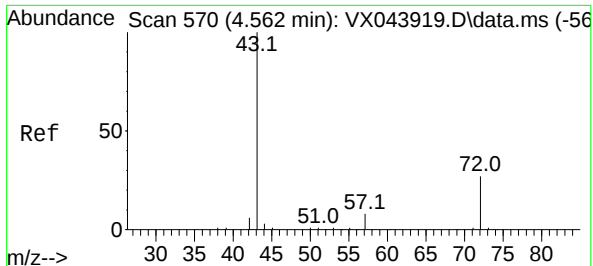
Tgt Ion: 43 Resp: 21428
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 0.913 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX043916.D
 Acq: 20 Nov 2024 16:11

Tgt Ion: 63 Resp: 3780
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 4.272 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

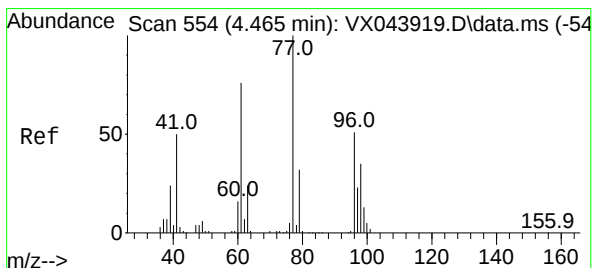
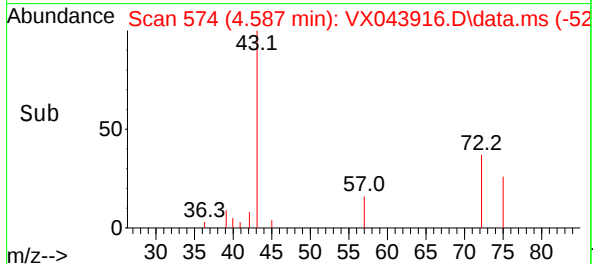
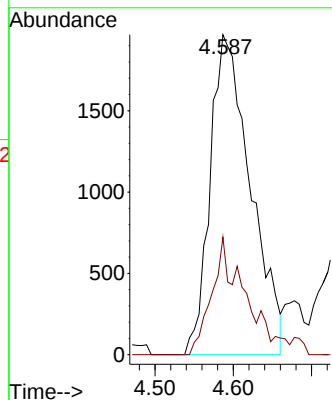
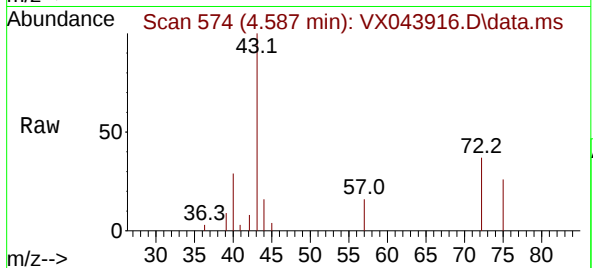
VSTDIC001

Tgt Ion: 43 Resp: 7040

Ion Ratio Lower Upper

43 100

72 36.7 21.3 31.9#



#26

2,2-Dichloropropane

Concen: 0.880 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX043916.D

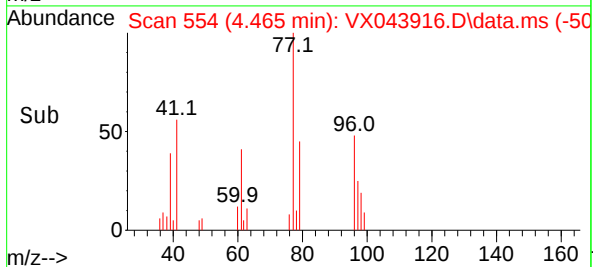
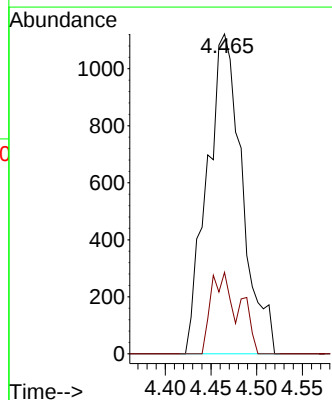
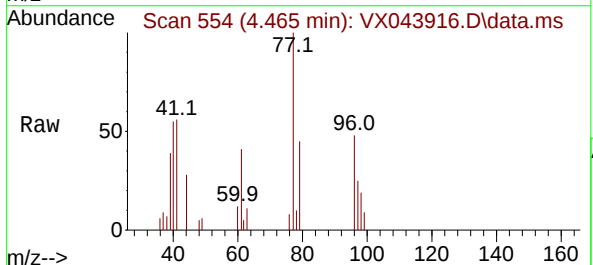
Acq: 20 Nov 2024 16:11

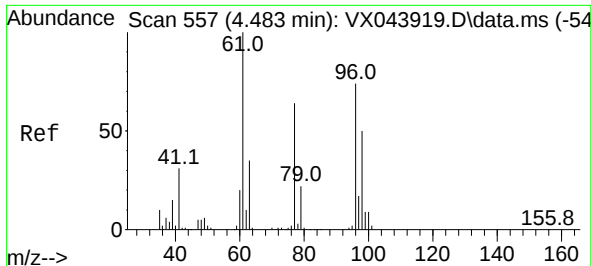
Tgt Ion: 77 Resp: 2993

Ion Ratio Lower Upper

77 100

97 14.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 0.928 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

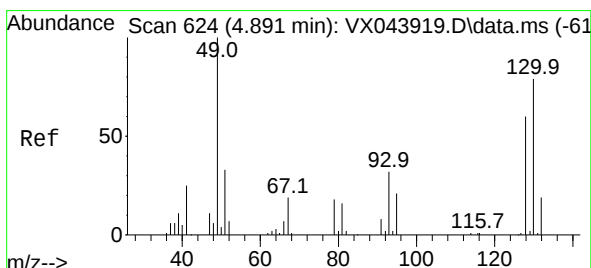
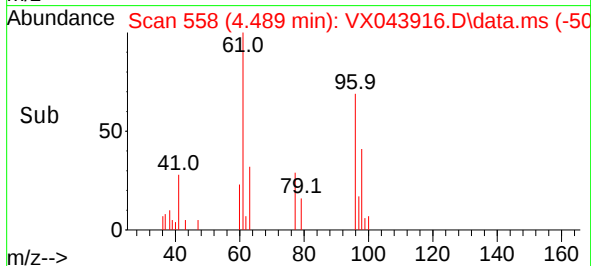
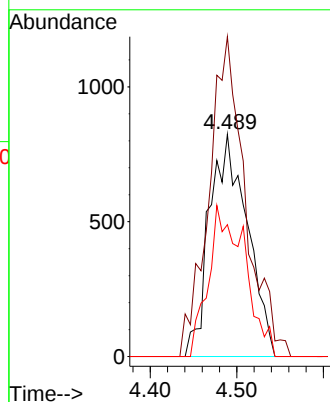
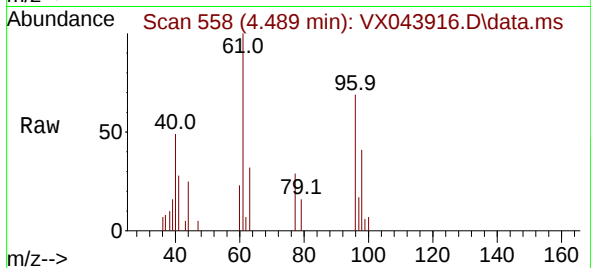
Tgt Ion: 96 Resp: 2501

Ion Ratio Lower Upper

96 100

61 139.6 0.0 279.4

98 65.4 0.0 131.6



#28

Bromochloromethane

Concen: 0.958 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

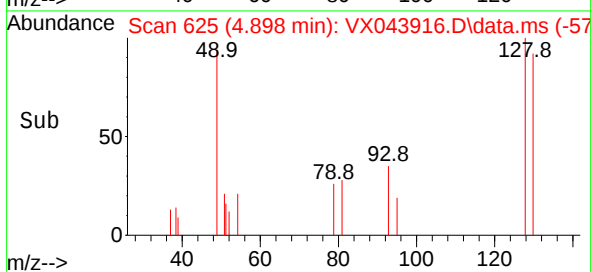
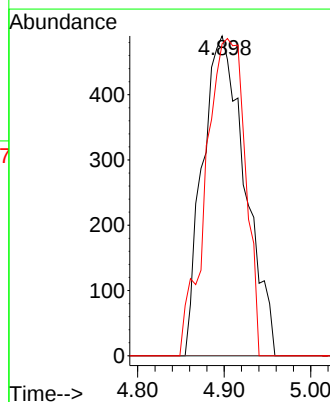
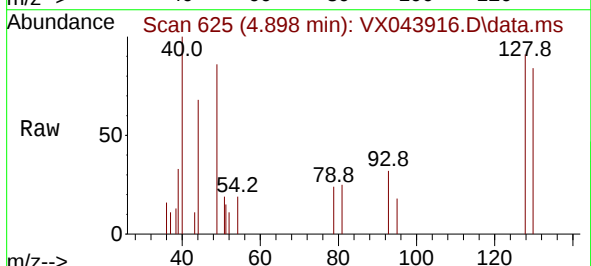
Tgt Ion: 49 Resp: 1669

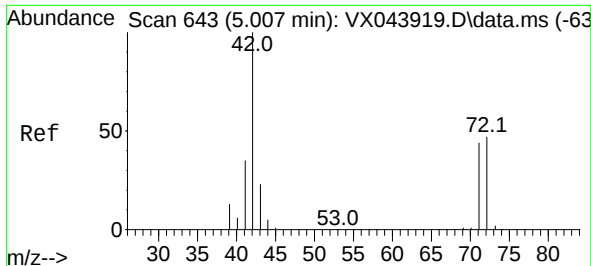
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 91.9 68.2 102.2





#29

Tetrahydrofuran

Concen: 4.358 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

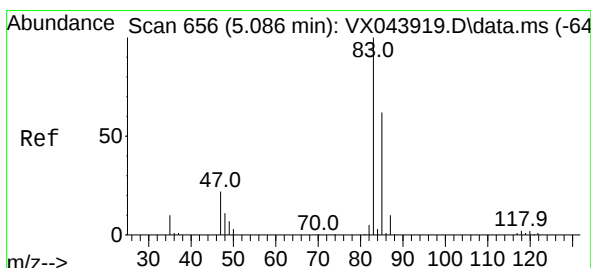
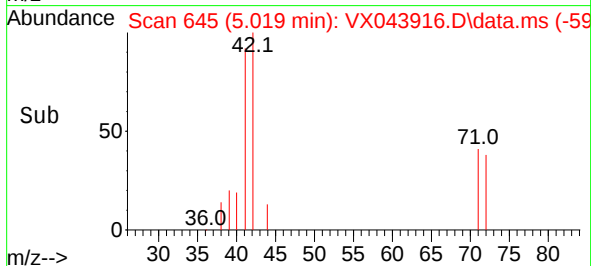
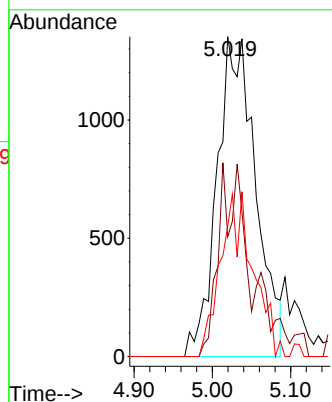
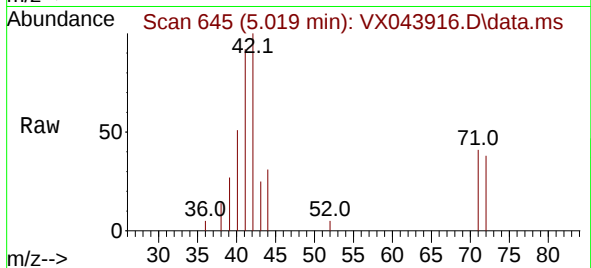
Tgt Ion: 42 Resp: 4641

Ion Ratio Lower Upper

42 100

72 17.0 37.9 56.9#

71 0.0 34.8 52.2#



#30

Chloroform

Concen: 0.900 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043916.D

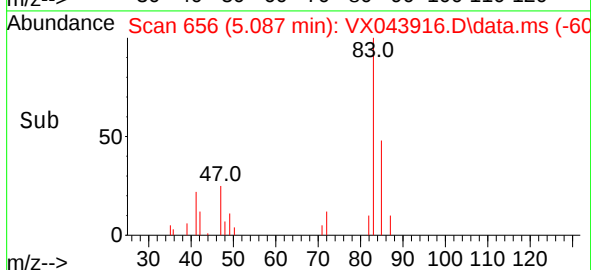
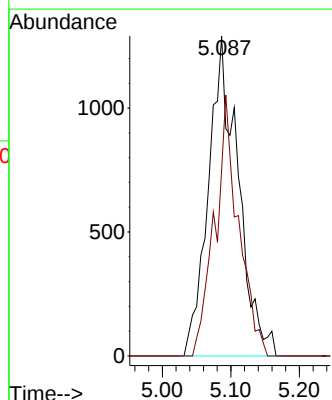
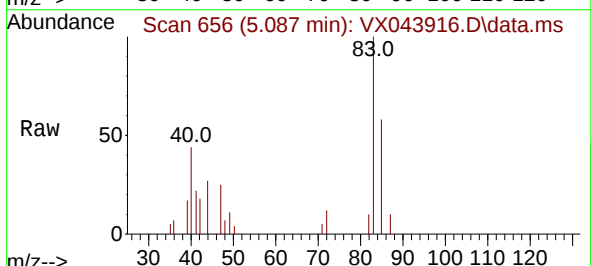
Acq: 20 Nov 2024 16:11

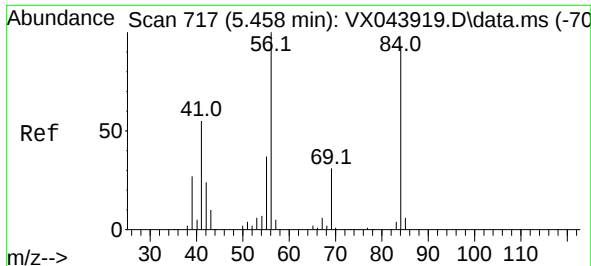
Tgt Ion: 83 Resp: 3881

Ion Ratio Lower Upper

83 100

85 58.2 49.7 74.5

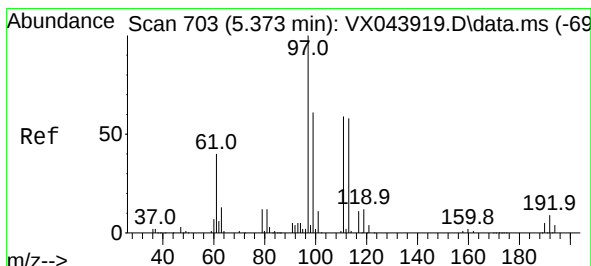
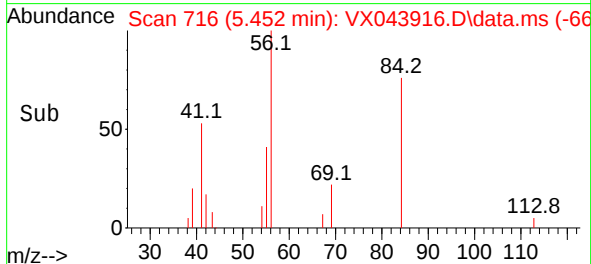
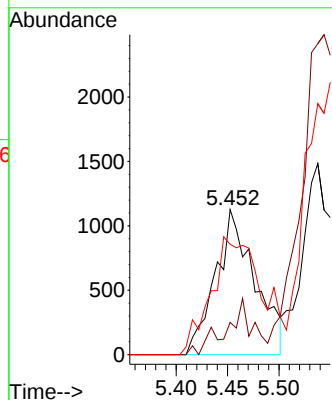
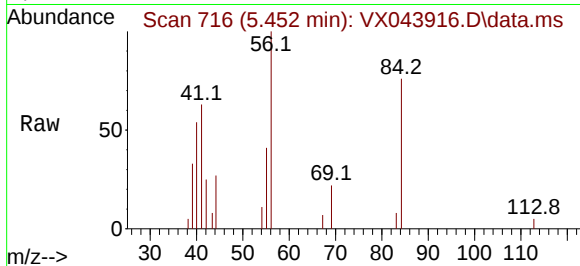




#31
Cyclohexane
Concen: 0.896 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

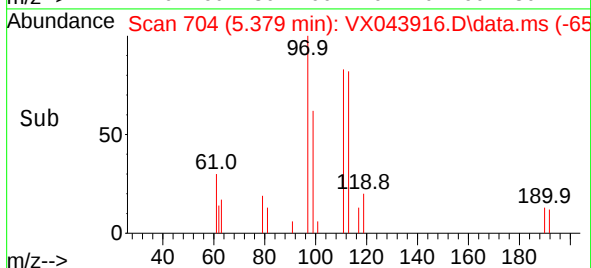
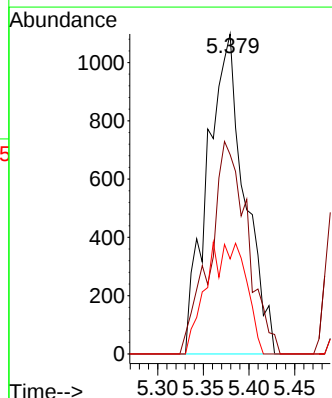
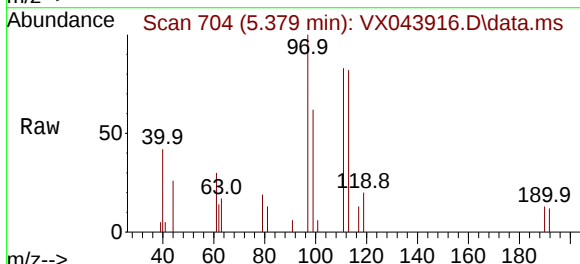
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

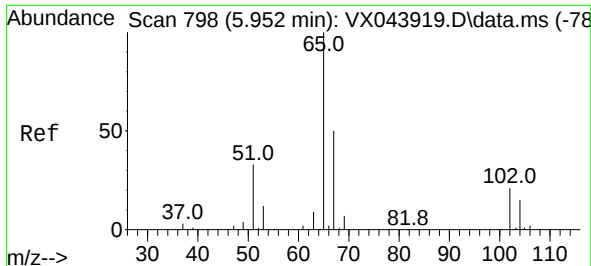
Tgt Ion: 56 Resp: 3006
Ion Ratio Lower Upper
56 100
69 22.3 24.9 37.3#
84 76.1 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 0.843 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 97 Resp: 3108
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 37.4 32.9 49.3

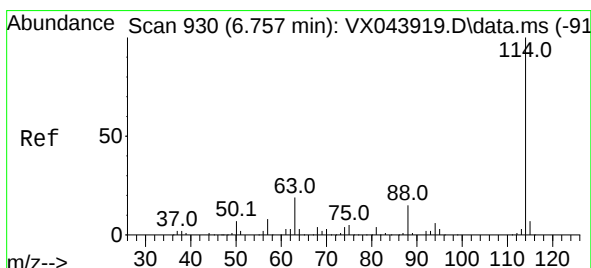
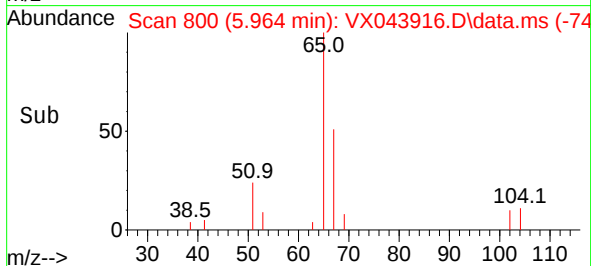
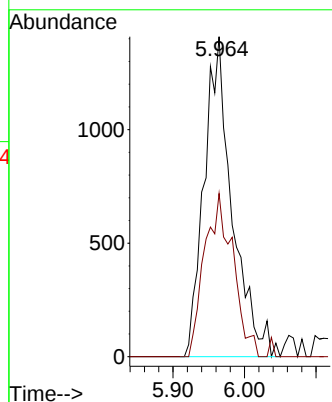
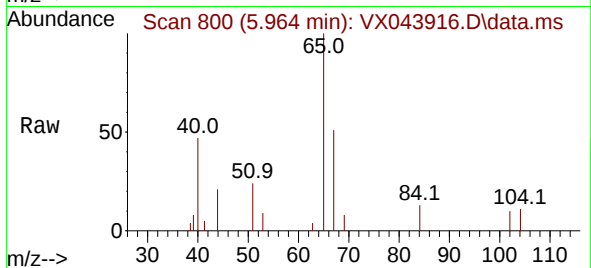




#33
1,2-Dichloroethane-d4
Concen: 1.308 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.012 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

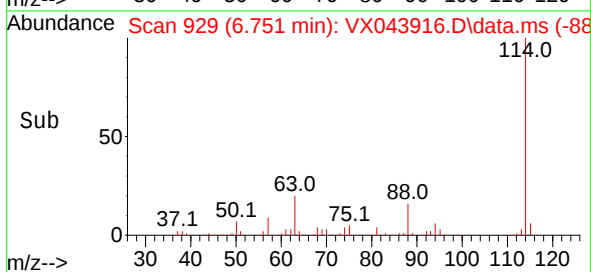
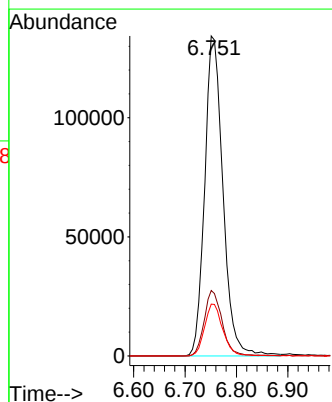
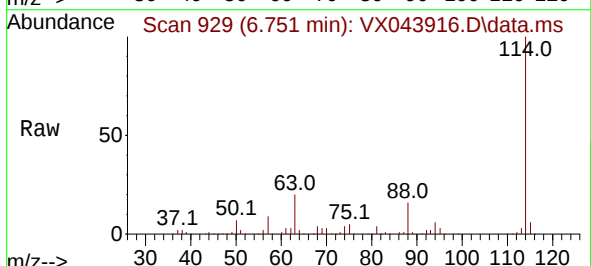
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

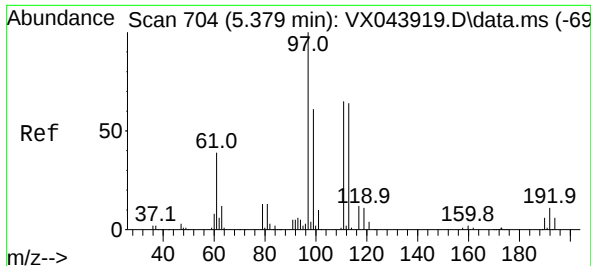
Tgt Ion: 65 Resp: 3836
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 114 Resp: 332307
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.0
88 16.2 0.0 30.2

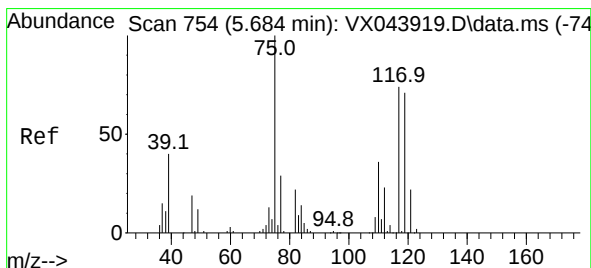
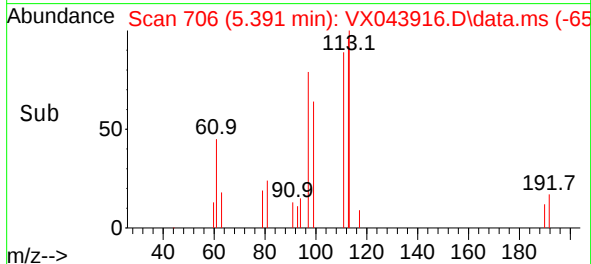
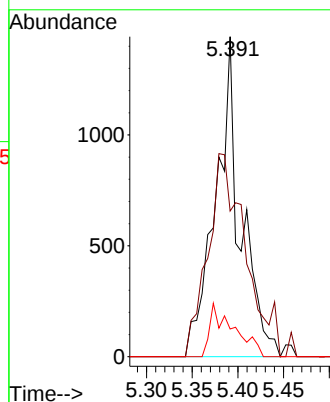
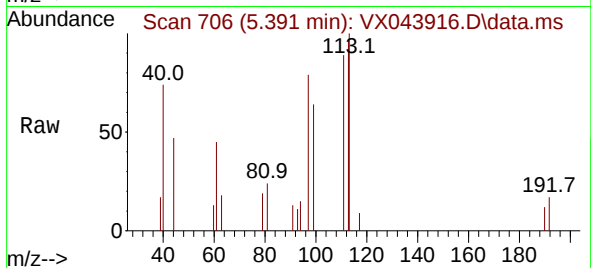




#35
Dibromofluoromethane
Concen: 1.231 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

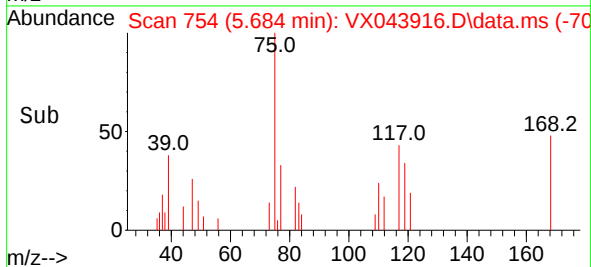
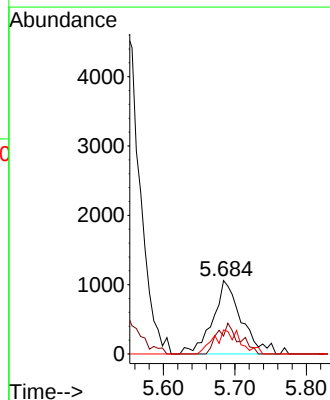
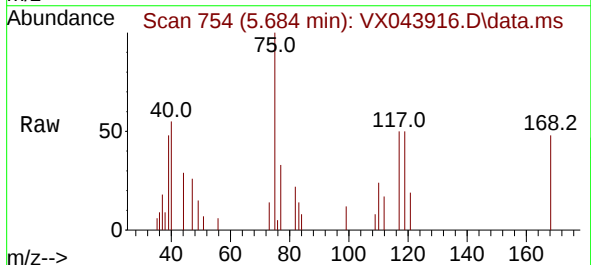
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

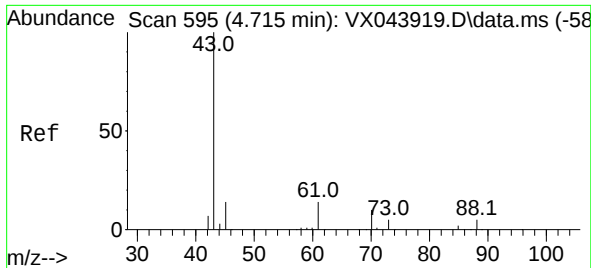
Tgt Ion:113 Resp: 2746
Ion Ratio Lower Upper
113 100
111 95.6 81.0 121.6
192 15.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 1.054 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 75 Resp: 2931
Ion Ratio Lower Upper
75 100
110 31.4 17.5 52.5
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 0.686 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.037 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

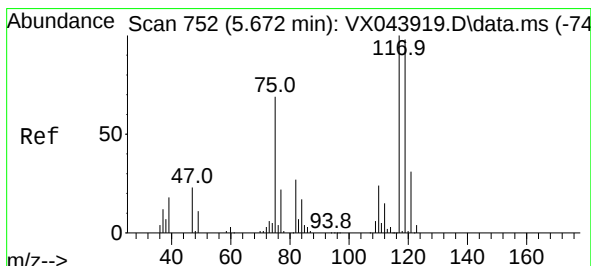
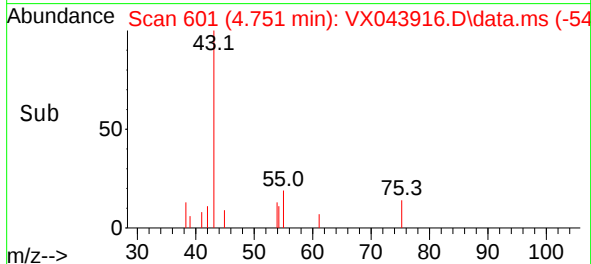
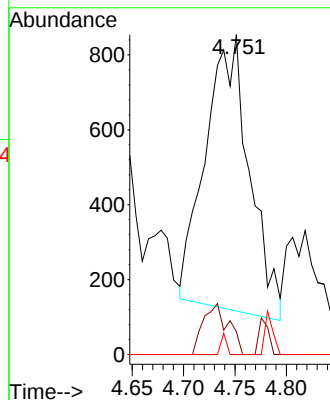
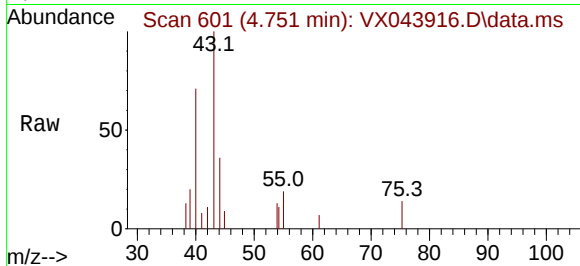
Tgt Ion: 43 Resp: 2167

Ion Ratio Lower Upper

43 100

61 10.7 11.5 17.3#

70 1.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 0.926 ug/l

RT: 5.654 min Scan# 749

Delta R.T. -0.018 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

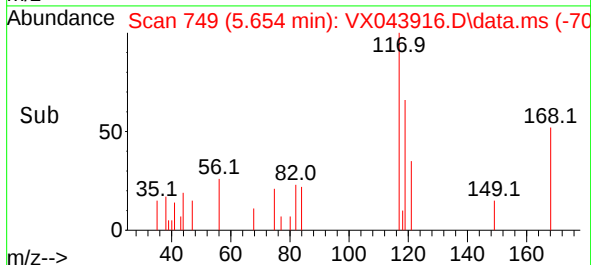
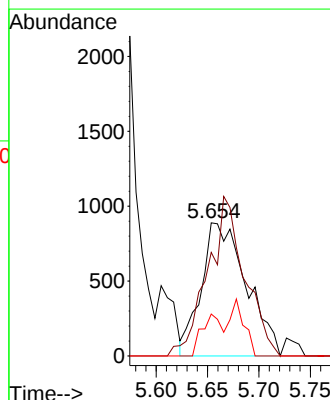
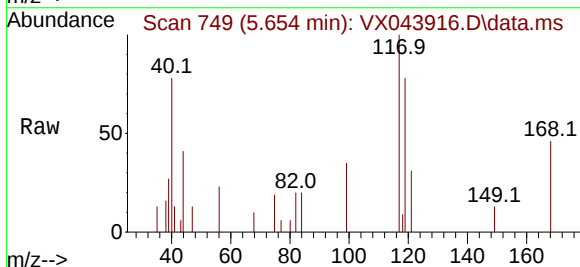
Tgt Ion: 117 Resp: 2726

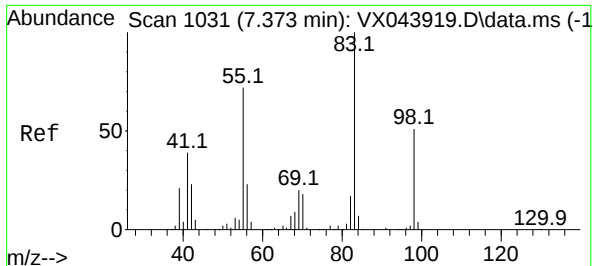
Ion Ratio Lower Upper

117 100

119 77.7 78.3 117.5#

121 31.5 25.1 37.7





#39

Methylcyclohexane

Concen: 0.921 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

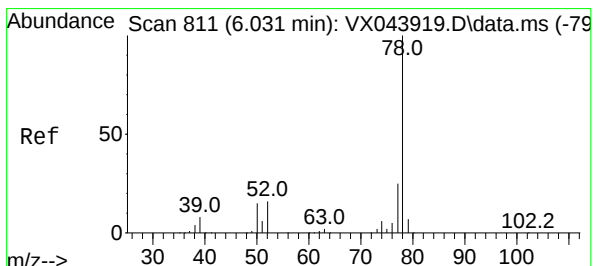
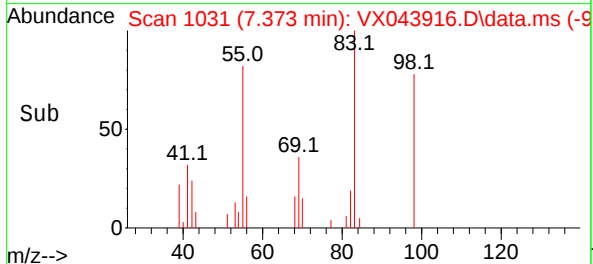
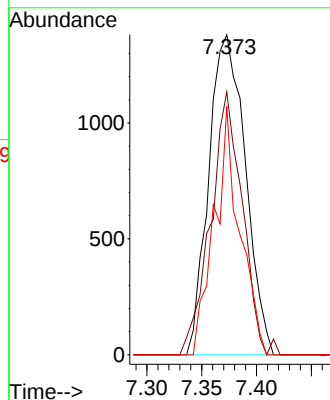
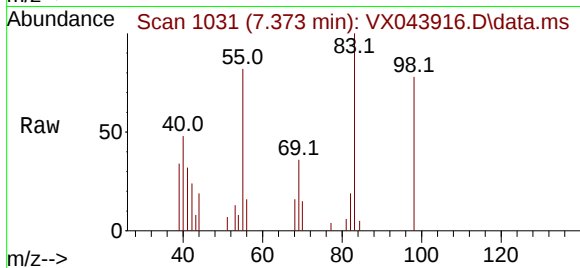
Tgt Ion: 83 Resp: 3207

Ion Ratio Lower Upper

83 100

55 82.1 57.9 86.9

98 77.6 40.5 60.7#



#40

Benzene

Concen: 0.940 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX043916.D

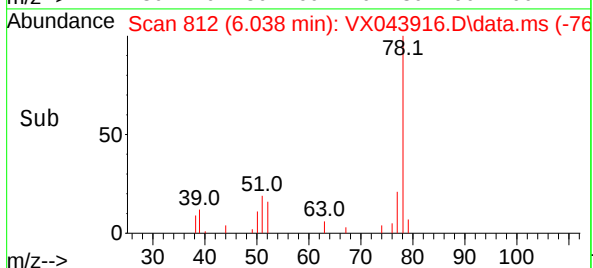
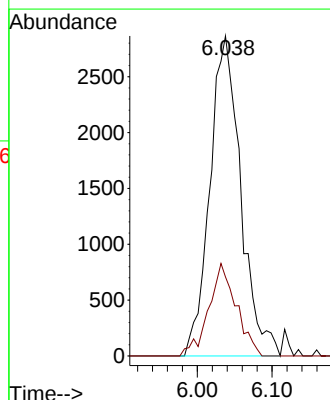
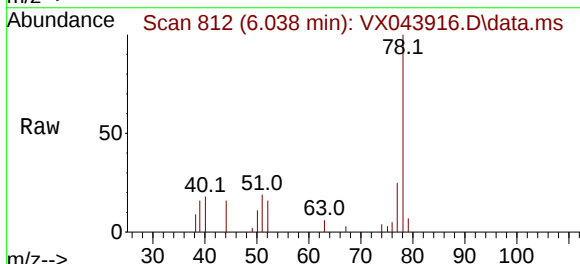
Acq: 20 Nov 2024 16:11

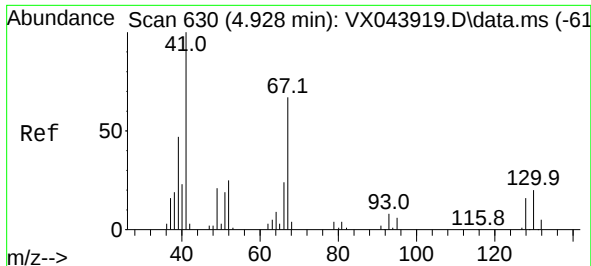
Tgt Ion: 78 Resp: 8218

Ion Ratio Lower Upper

78 100

77 24.7 19.8 29.8

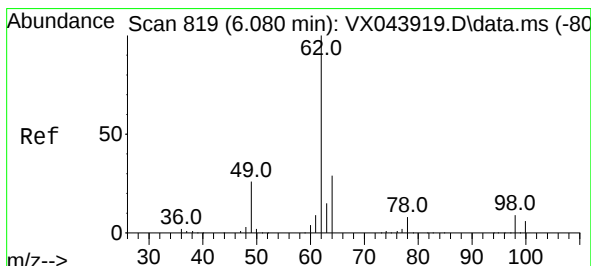
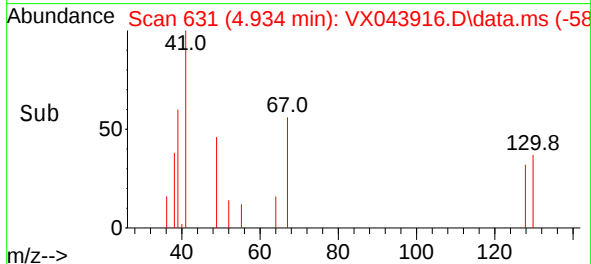
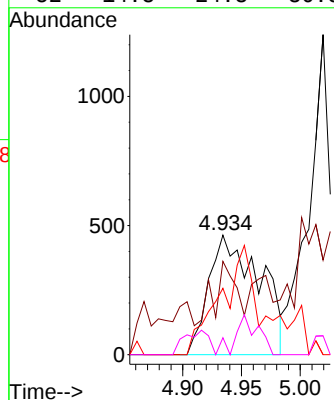
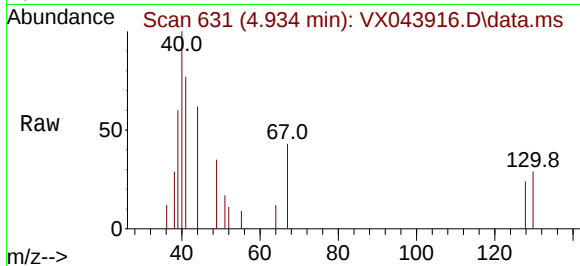




#41
Methacrylonitrile
Concen: 0.855 ug/l
RT: 4.934 min Scan# 630
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

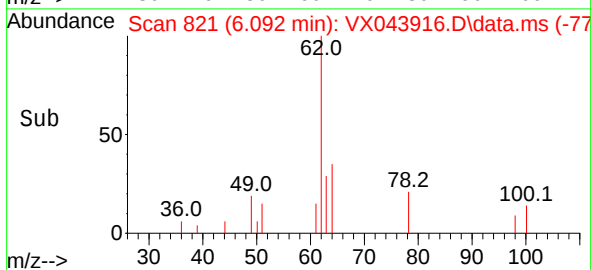
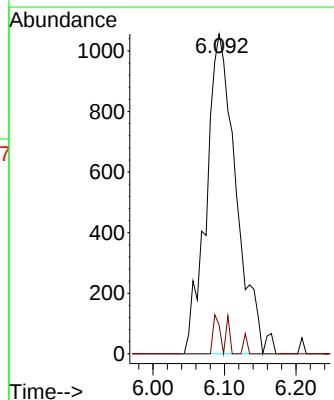
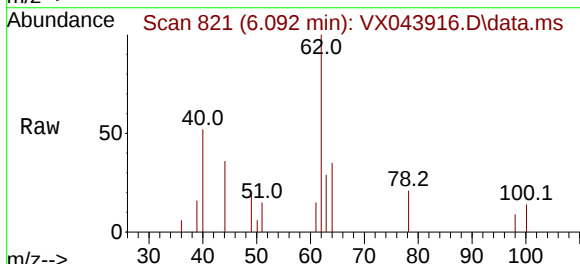
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

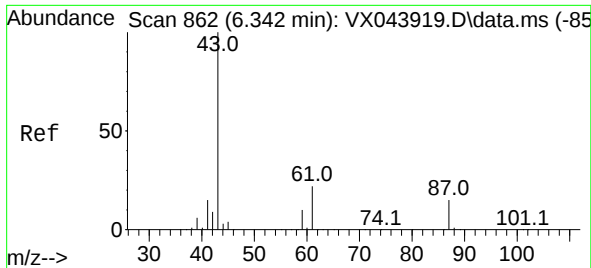
Tgt Ion: 41 Resp: 1395
Ion Ratio Lower Upper
41 100
39 22.6 41.2 61.8#
67 71.4 60.3 90.5
52 14.8 24.3 36.5#



#42
1,2-Dichloroethane
Concen: 0.965 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 62 Resp: 3064
Ion Ratio Lower Upper
62 100
98 2.7 0.0 18.6





#43

Isopropyl Acetate

Concen: 0.849 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

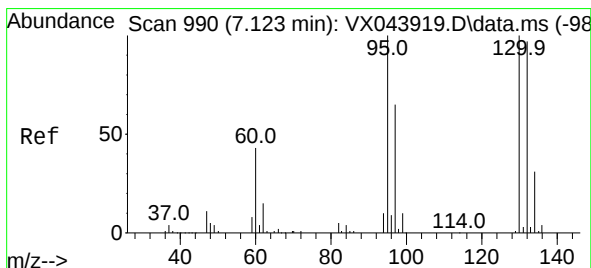
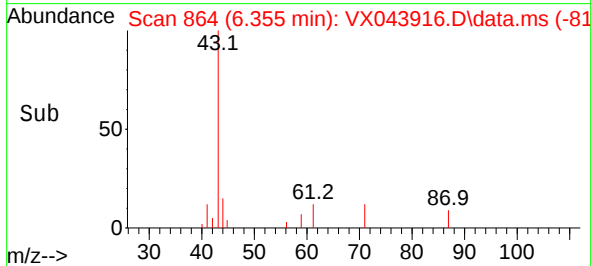
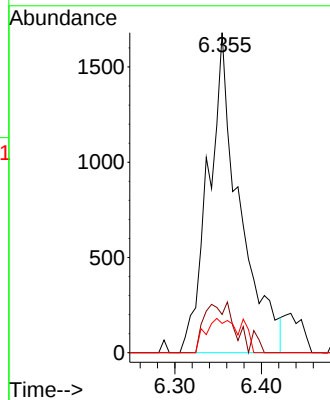
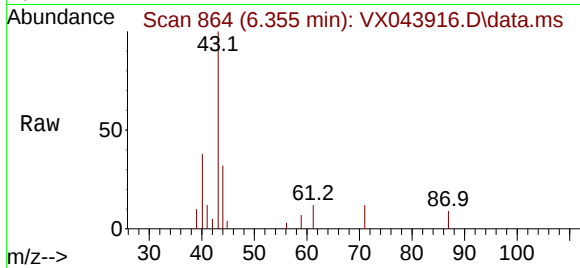
Tgt Ion: 43 Resp: 4194

Ion Ratio Lower Upper

43 100

61 14.6 16.9 25.3#

87 12.4 11.9 17.9



#44

Trichloroethene

Concen: 1.348 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX043916.D

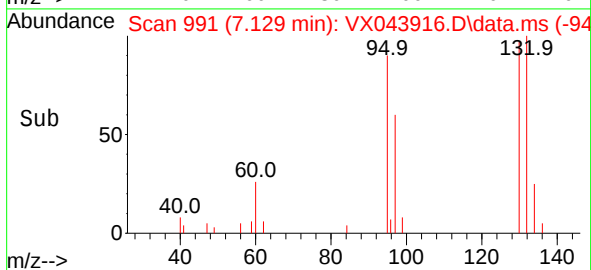
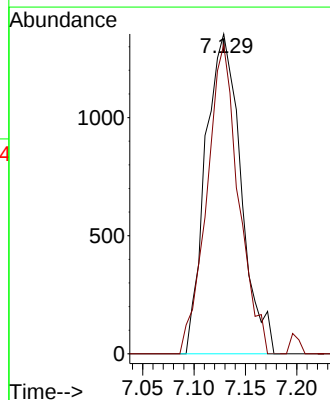
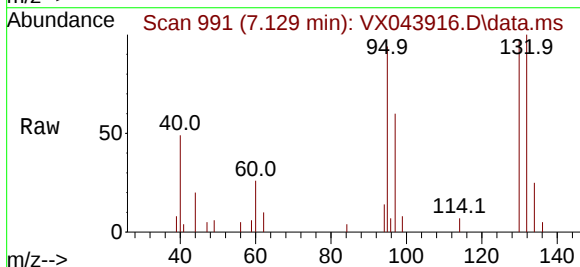
Acq: 20 Nov 2024 16:11

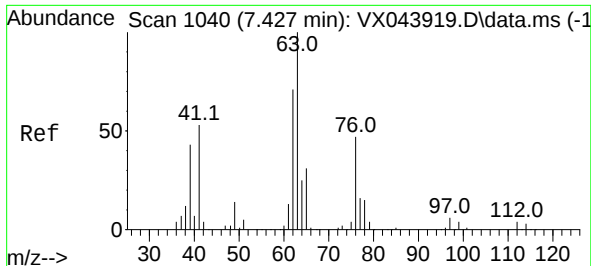
Tgt Ion:130 Resp: 3248

Ion Ratio Lower Upper

130 100

95 96.6 0.0 200.8





#45

1,2-Dichloropropane

Concen: 0.963 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

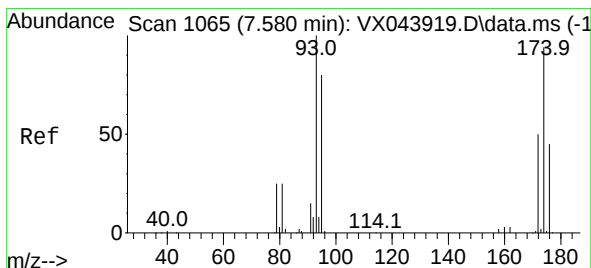
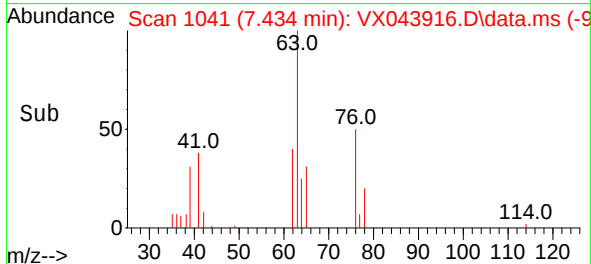
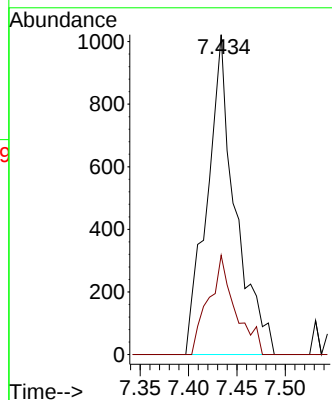
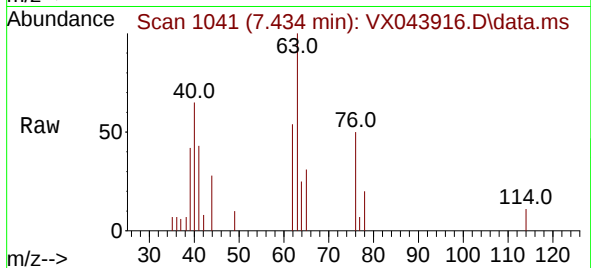
VSTDIC001

Tgt Ion: 63 Resp: 2064

Ion Ratio Lower Upper

63 100

65 31.0 24.5 36.7



#46

Dibromomethane

Concen: 0.964 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

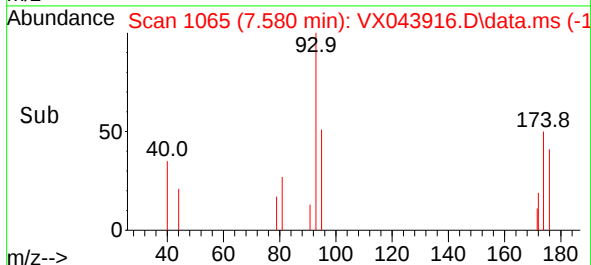
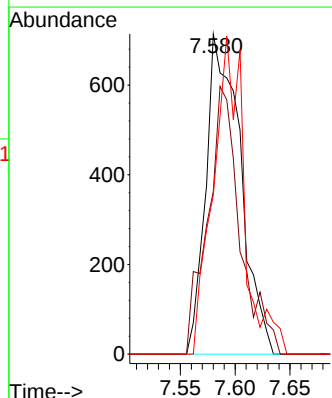
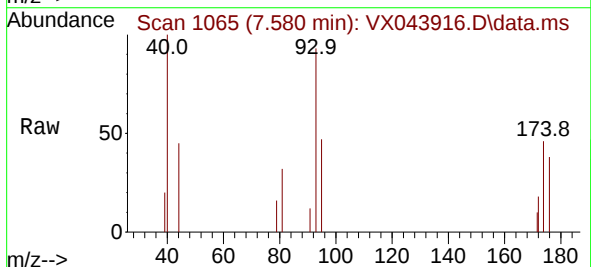
Tgt Ion: 93 Resp: 1556

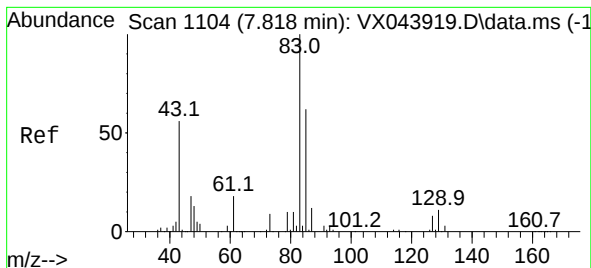
Ion Ratio Lower Upper

93 100

95 79.2 66.1 99.1

174 89.5 75.2 112.8





#47

Bromodichloromethane

Concen: 0.841 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

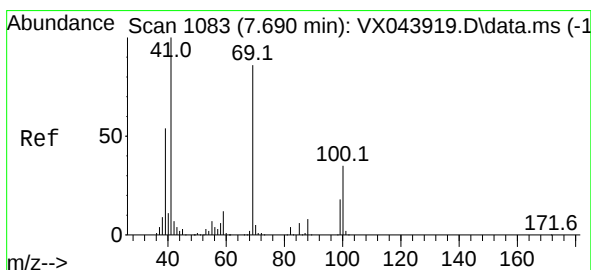
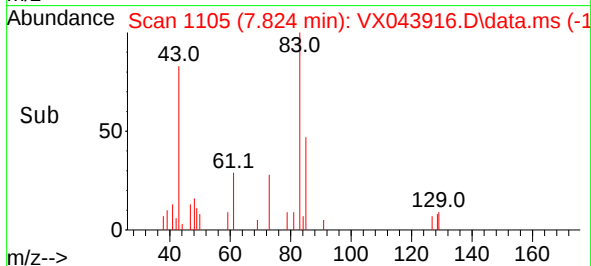
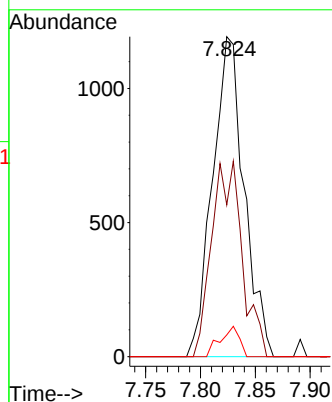
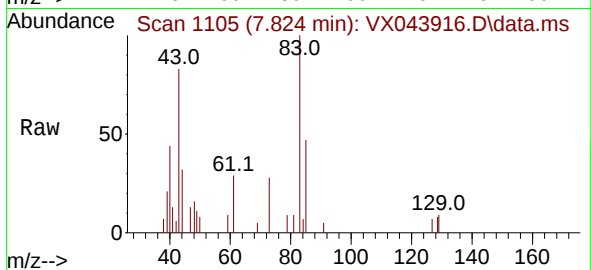
Tgt Ion: 83 Resp: 2386

Ion Ratio Lower Upper

83 100

85 47.4 49.4 74.0#

127 6.8 6.2 9.4



#48

Methyl methacrylate

Concen: 0.868 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

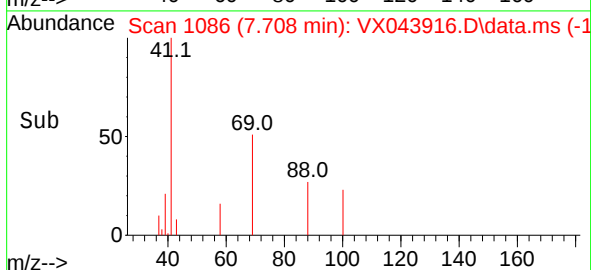
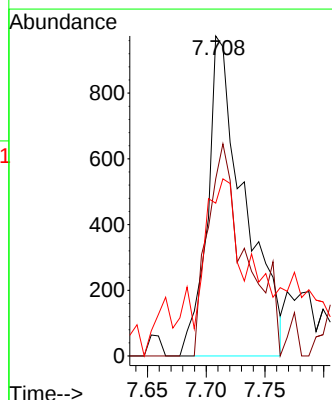
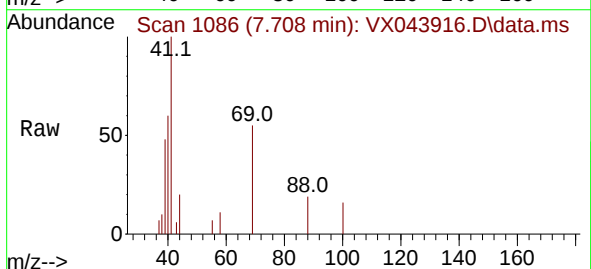
Tgt Ion: 41 Resp: 2123

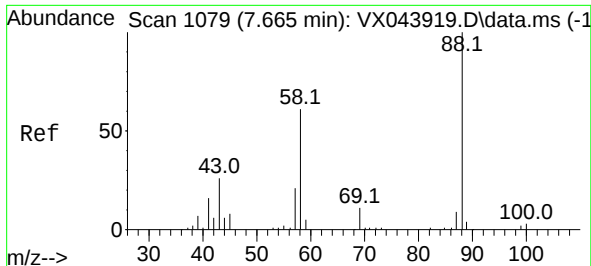
Ion Ratio Lower Upper

41 100

69 69.7 72.1 108.1#

39 34.7 43.8 65.8#





#49

1,4-Dioxane

Concen: 9.928 ug/l

RT: 7.690 min Scan# 1

Delta R.T. 0.025 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

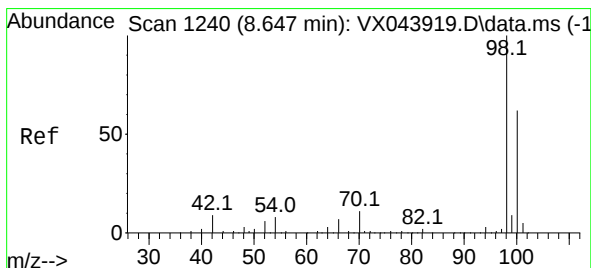
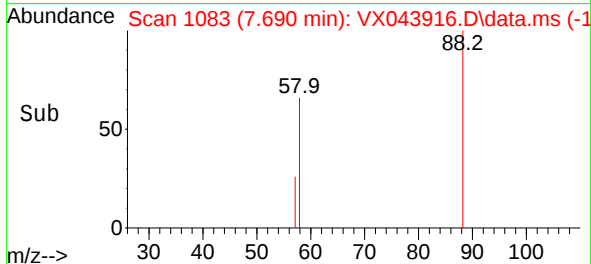
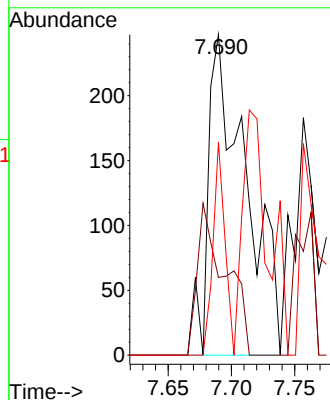
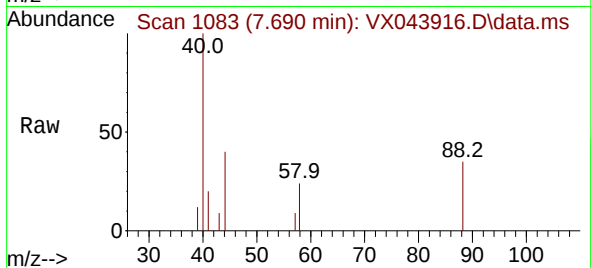
Tgt Ion: 88 Resp: 516

Ion Ratio Lower Upper

88 100

43 35.1 17.4 26.0#

58 20.7 41.0 61.6#



#50

Toluene-d8

Concen: 1.304 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043916.D

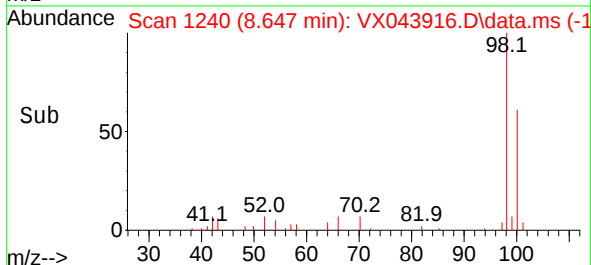
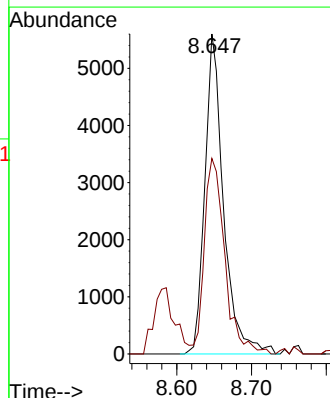
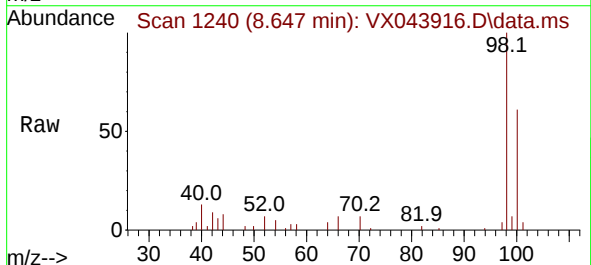
Acq: 20 Nov 2024 16:11

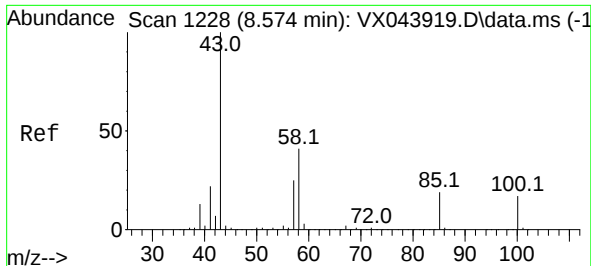
Tgt Ion: 98 Resp: 9717

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.6

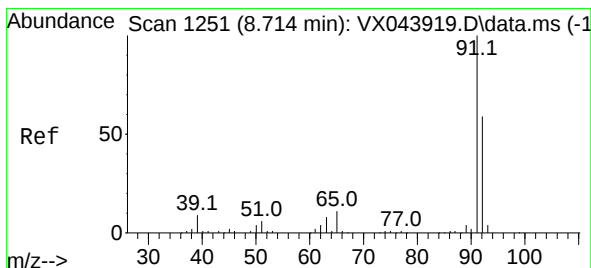
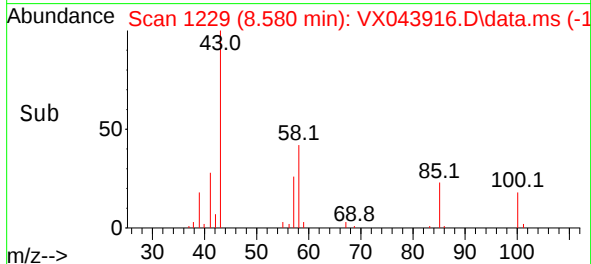
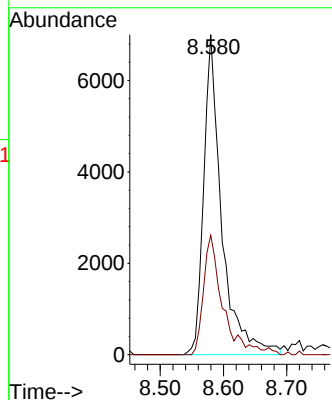
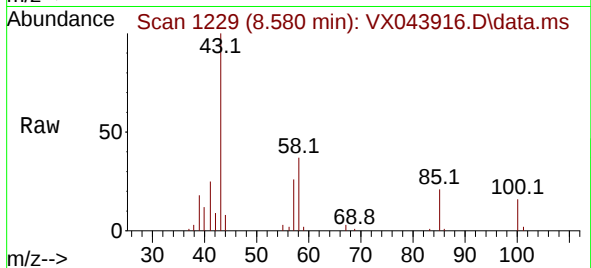




#51
4-Methyl-2-Pentanone
Concen: 4.495 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

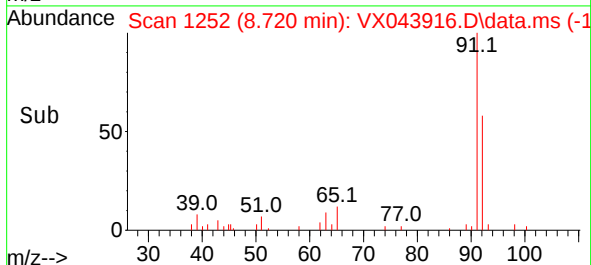
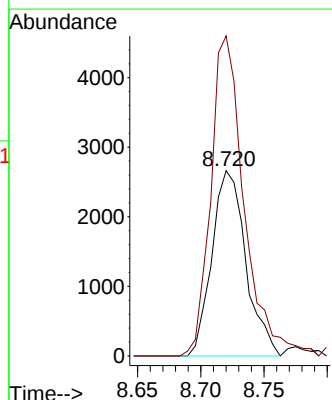
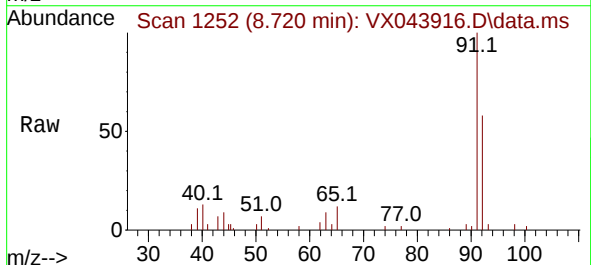
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

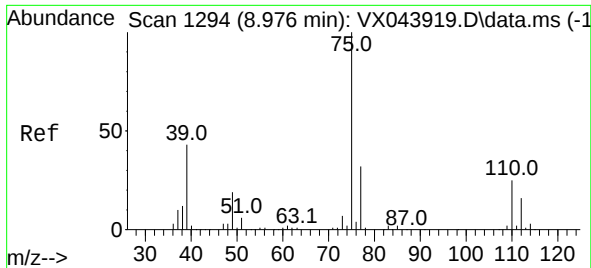
Tgt Ion: 43 Resp: 13839
Ion Ratio Lower Upper
43 100
58 39.5 32.4 48.6



#52
Toluene
Concen: 0.983 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 92 Resp: 4957
Ion Ratio Lower Upper
92 100
91 170.1 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 0.920 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

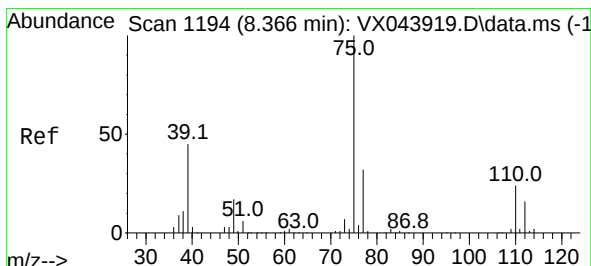
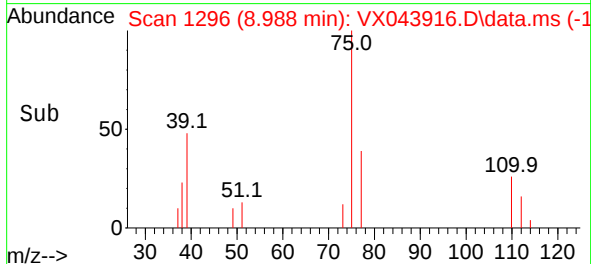
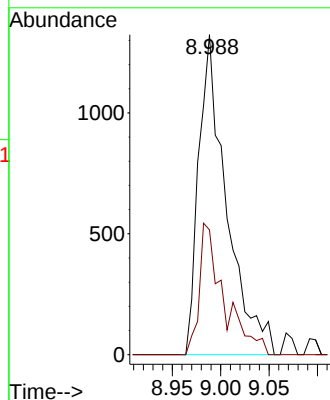
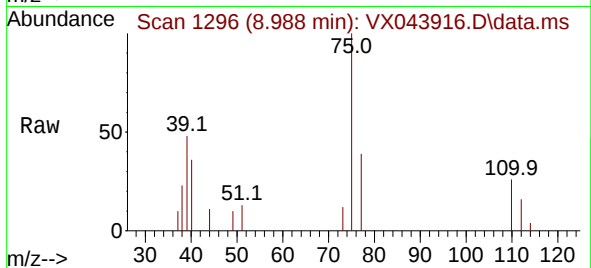
VSTDIC001

Tgt Ion: 75 Resp: 2647

Ion Ratio Lower Upper

75 100

77 39.0 25.9 38.9#



#54

cis-1,3-Dichloropropene

Concen: 0.847 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

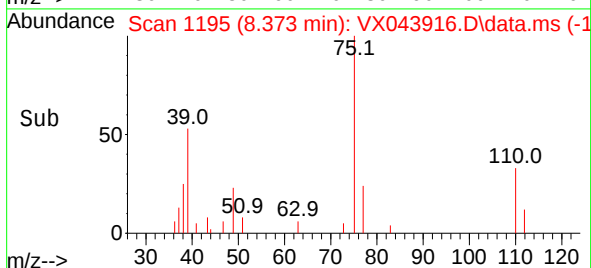
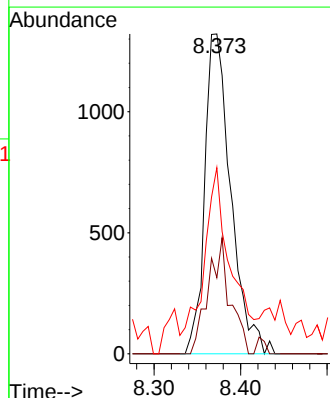
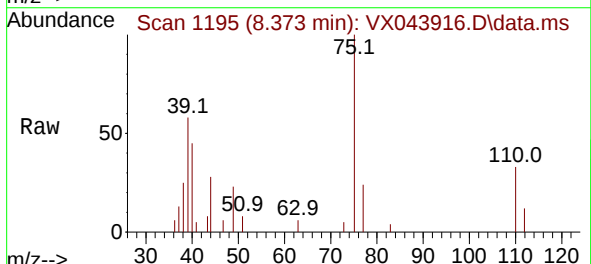
Tgt Ion: 75 Resp: 2762

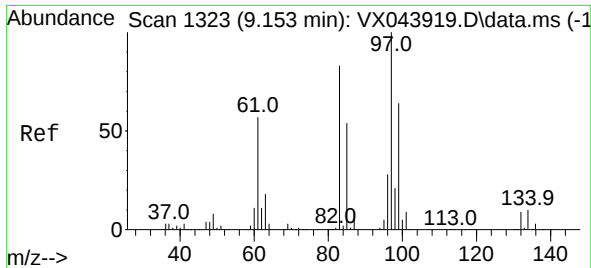
Ion Ratio Lower Upper

75 100

77 23.8 25.4 38.2#

39 52.5 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 0.982 ug/l

RT: 9.159 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 1933

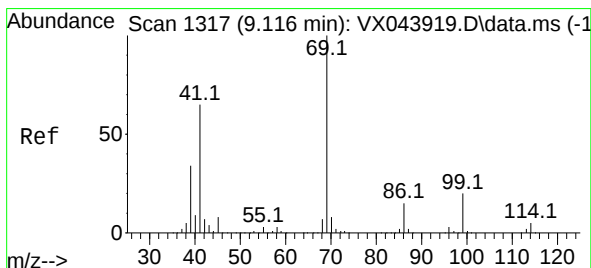
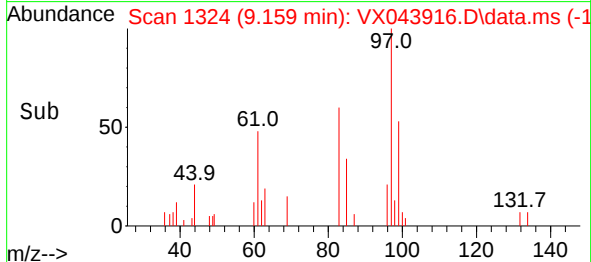
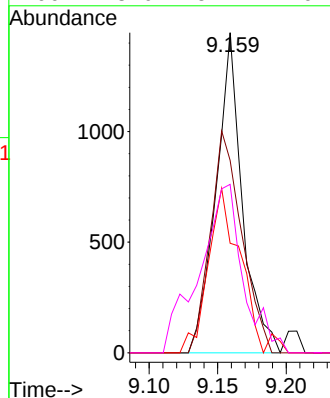
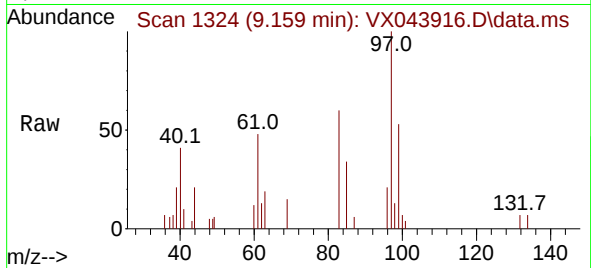
Ion Ratio Lower Upper

97 100

83 60.1 66.5 99.7#

85 34.2 43.4 65.2#

99 48.0 51.2 76.8#



#56

Ethyl methacrylate

Concen: 0.764 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

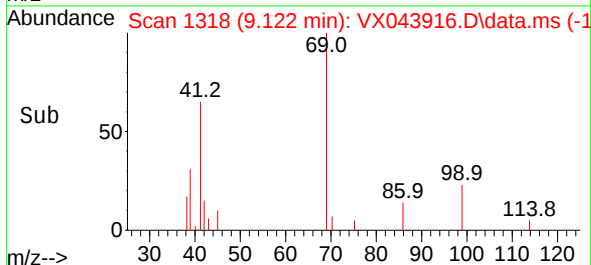
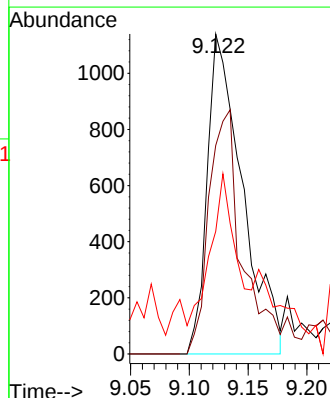
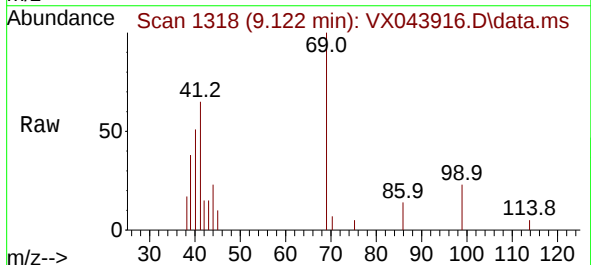
Tgt Ion: 69 Resp: 2381

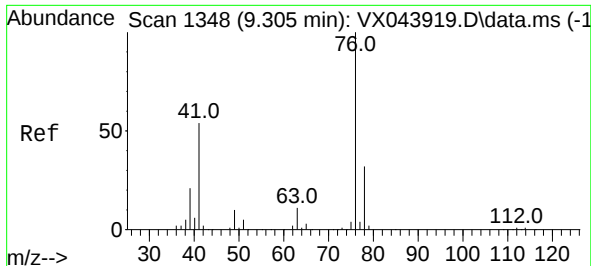
Ion Ratio Lower Upper

69 100

41 75.3 51.7 77.5

39 33.0 26.8 40.2

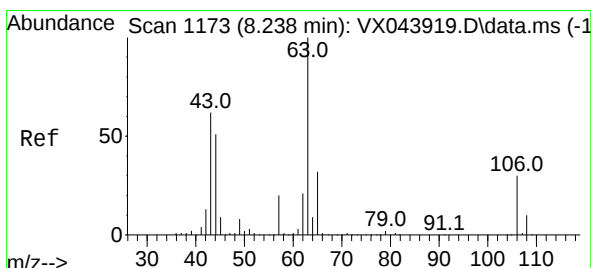
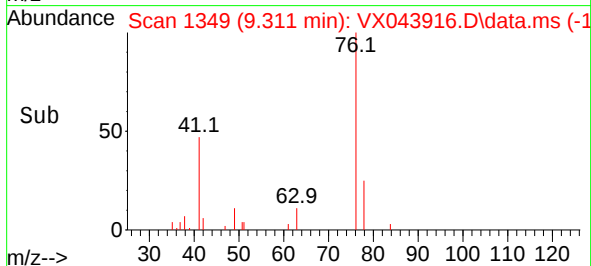
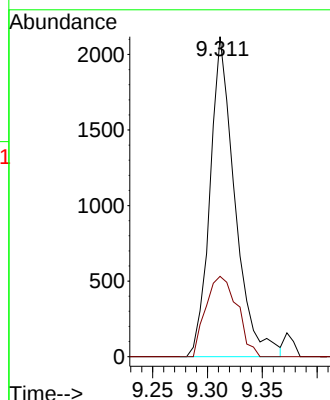
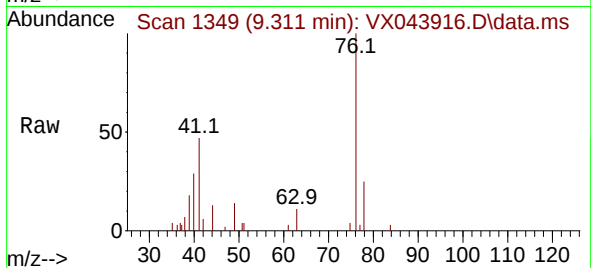




#57
1,3-Dichloropropane
Concen: 1.012 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

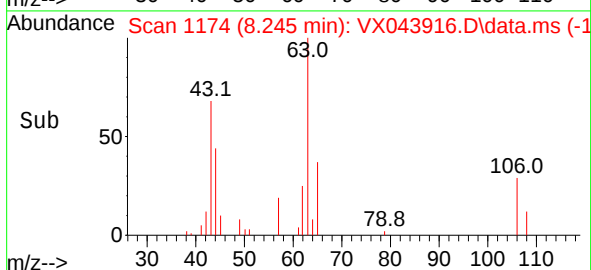
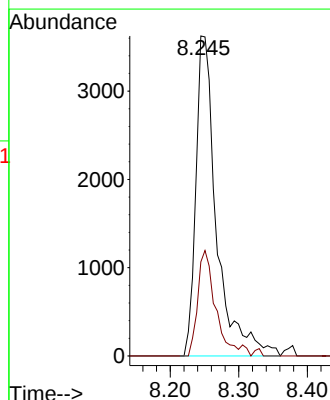
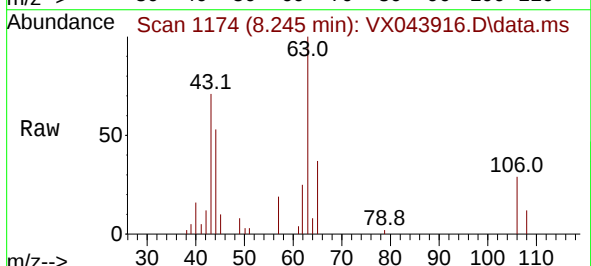
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

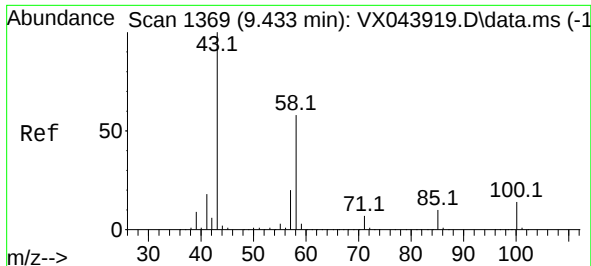
Tgt Ion: 76 Resp: 3337
Ion Ratio Lower Upper
76 100
78 31.7 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 4.669 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 63 Resp: 7629
Ion Ratio Lower Upper
63 100
106 28.8 23.8 35.6





#59

2-Hexanone

Concen: 4.165 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

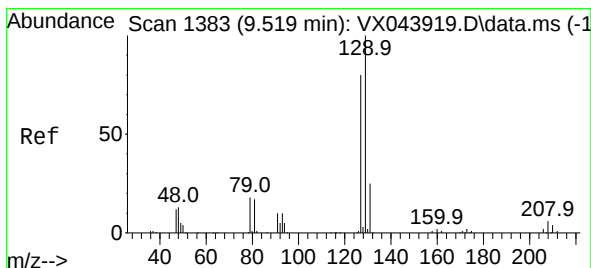
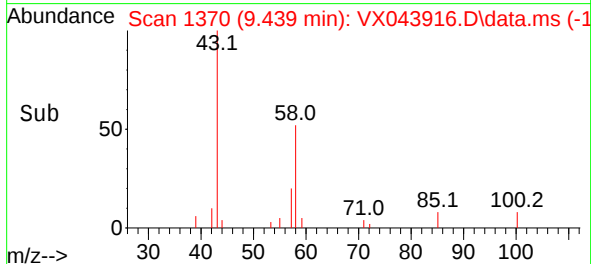
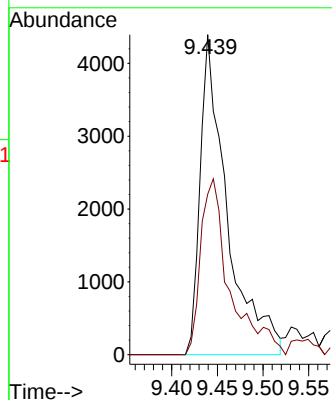
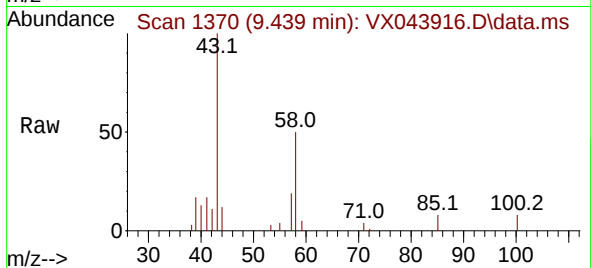
VSTDIC001

Tgt Ion: 43 Resp: 9046

Ion Ratio Lower Upper

43 100

58 58.8 28.3 84.9



#60

Dibromochloromethane

Concen: 0.812 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX043916.D

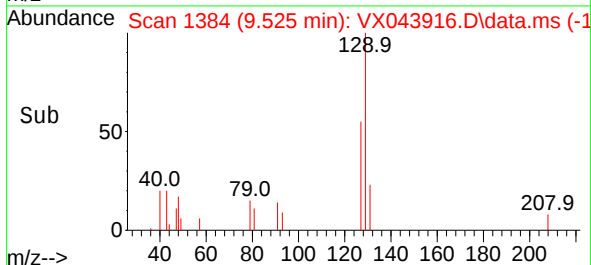
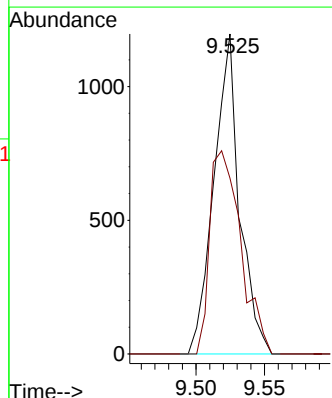
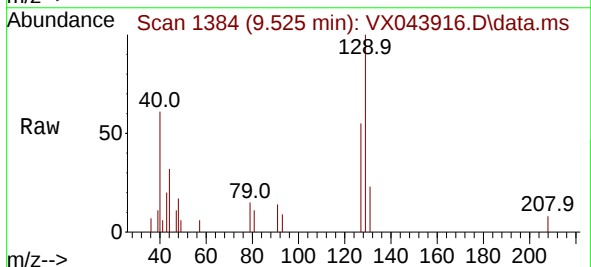
Acq: 20 Nov 2024 16:11

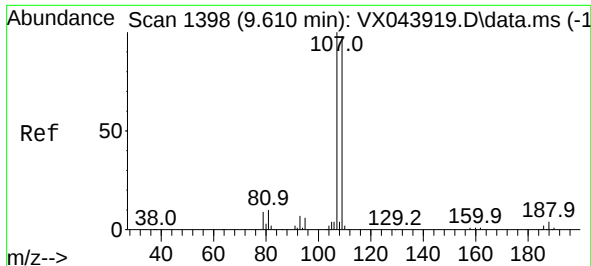
Tgt Ion: 129 Resp: 1557

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.001 ug/l

RT: 9.616 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

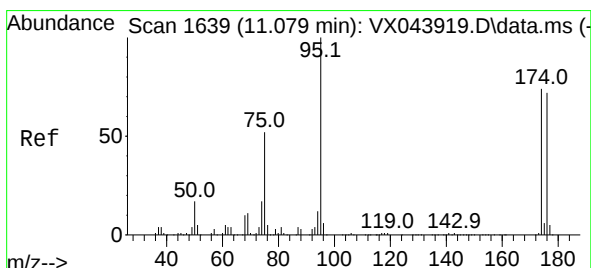
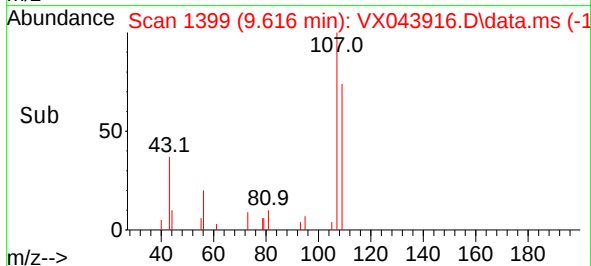
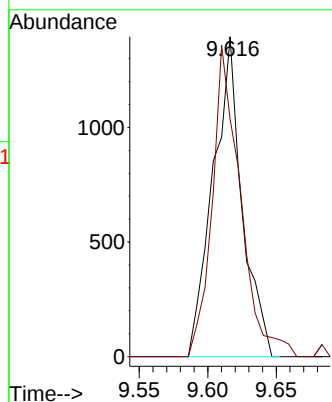
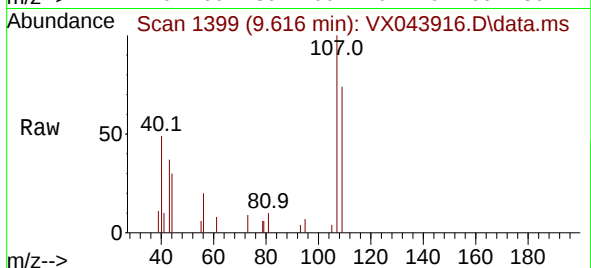
VSTDICC001

Tgt Ion:107 Resp: 2055

Ion Ratio Lower Upper

107 100

109 94.5 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 0.912 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

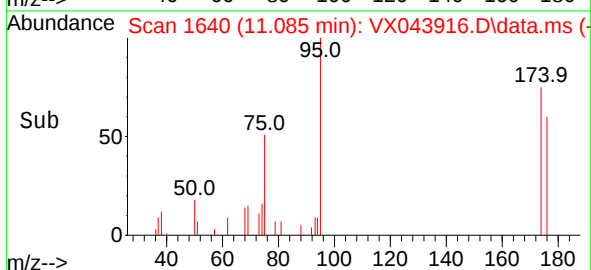
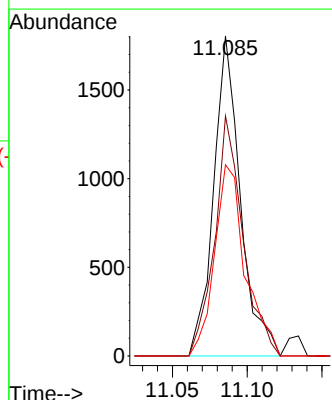
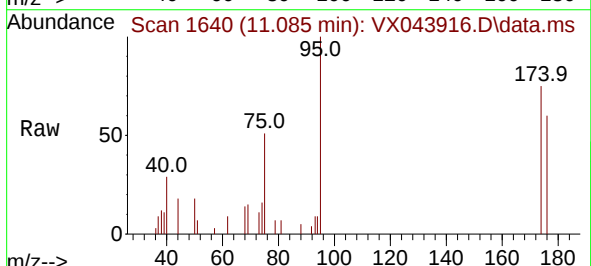
Tgt Ion: 95 Resp: 2246

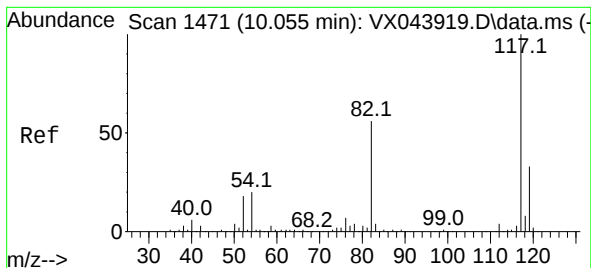
Ion Ratio Lower Upper

95 100

174 79.0 0.0 152.2

176 68.9 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

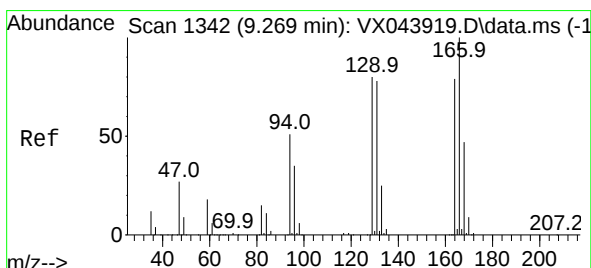
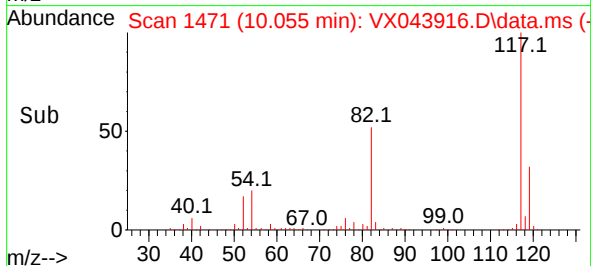
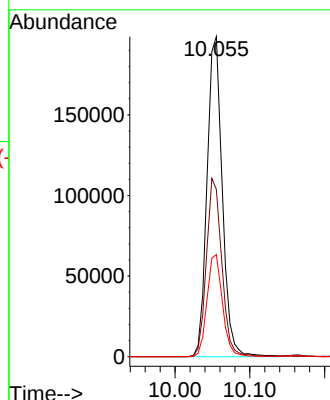
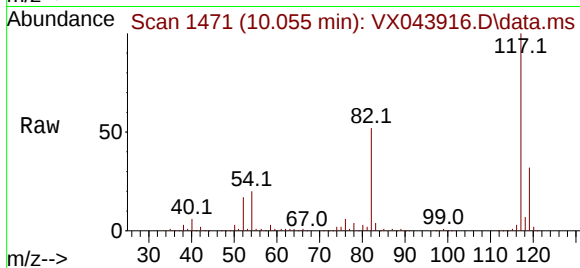
Tgt Ion:117 Resp: 281891

Ion Ratio Lower Upper

117 100

82 52.2 44.6 67.0

119 31.9 26.5 39.7



#64

Tetrachloroethene

Concen: 1.015 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Tgt Ion:164 Resp: 1835

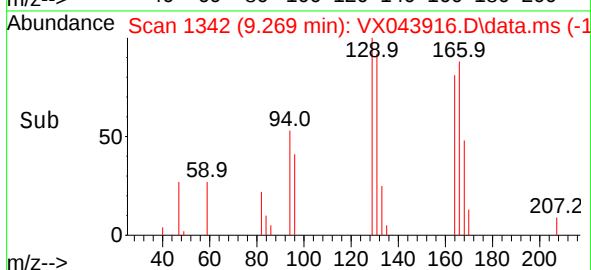
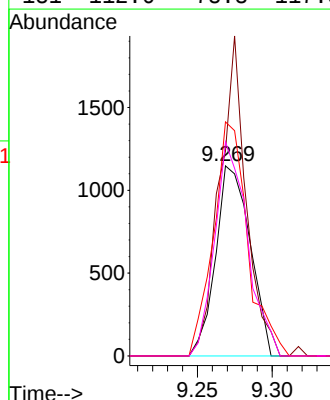
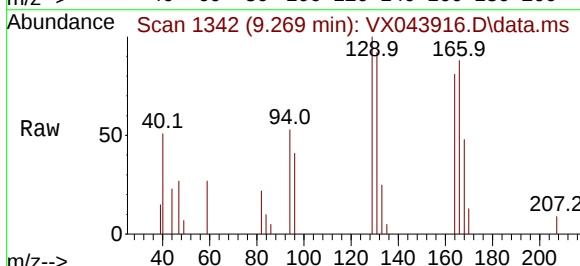
Ion Ratio Lower Upper

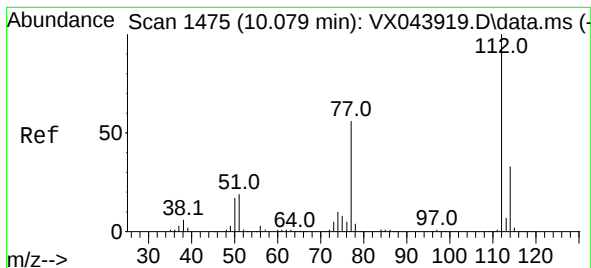
164 100

166 107.8 100.9 151.3

129 123.1 80.3 120.5#

131 112.6 78.3 117.5

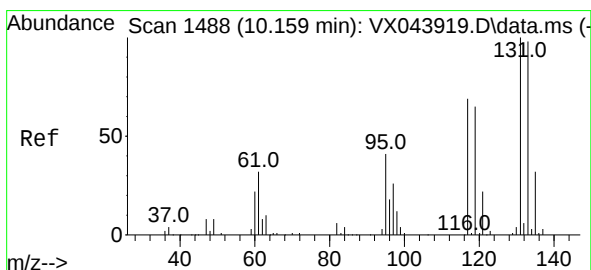
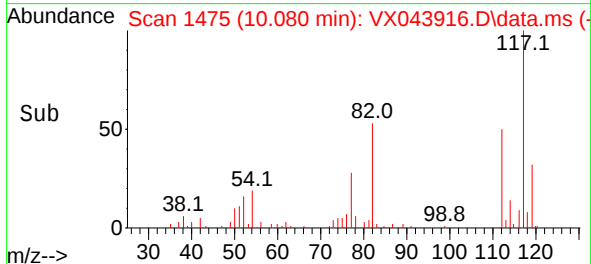
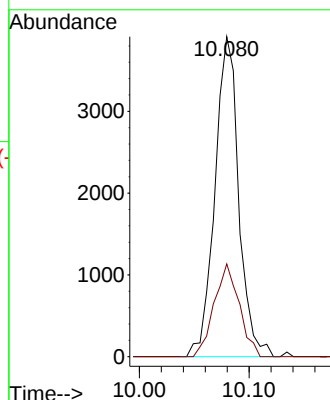
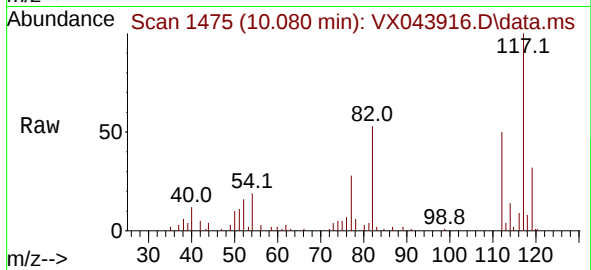




#65
Chlorobenzene
Concen: 1.005 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

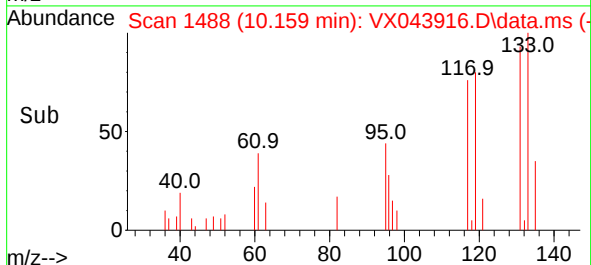
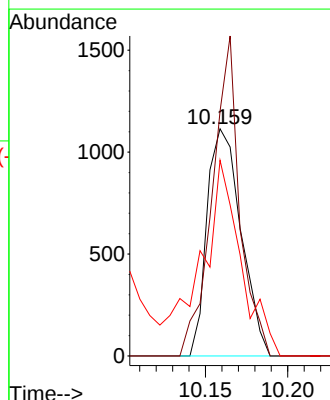
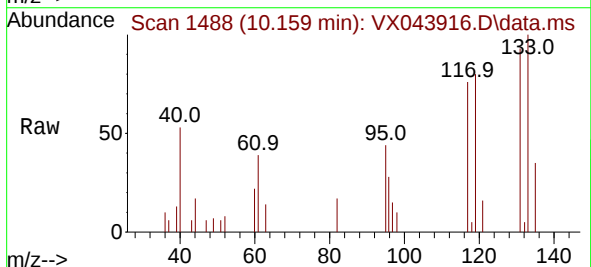
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

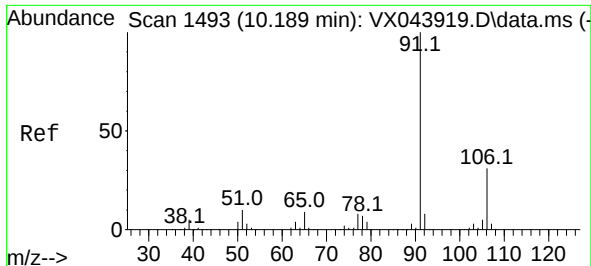
Tgt Ion:112 Resp: 5915
Ion Ratio Lower Upper
112 100
114 29.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.818 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion:131 Resp: 1603
Ion Ratio Lower Upper
131 100
133 113.6 48.8 146.3
119 0.0 32.9 98.7#





#67

Ethyl Benzene

Concen: 0.848 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

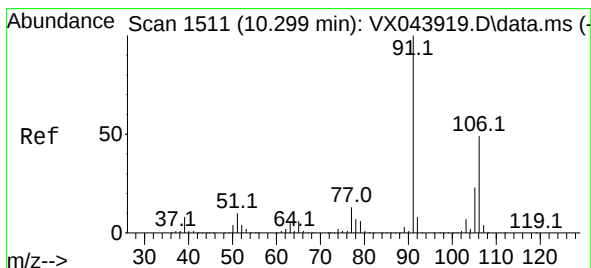
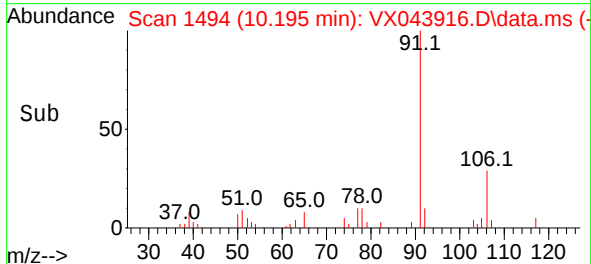
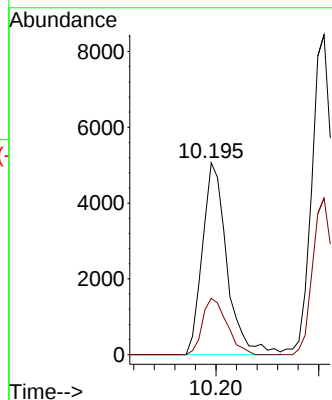
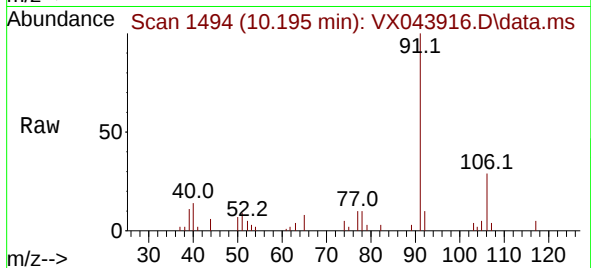
VSTDIC001

Tgt Ion: 91 Resp: 8407

Ion Ratio Lower Upper

91 100

106 29.3 25.0 37.4



#68

m/p-Xylenes

Concen: 1.692 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043916.D

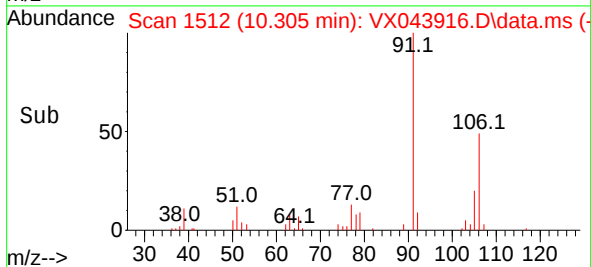
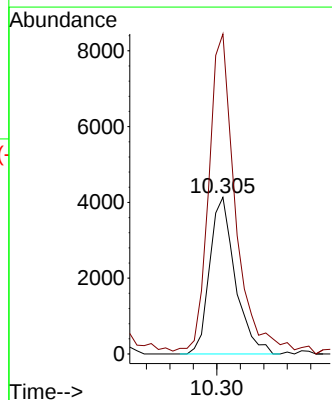
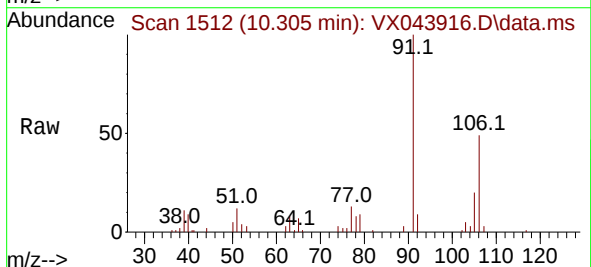
Acq: 20 Nov 2024 16:11

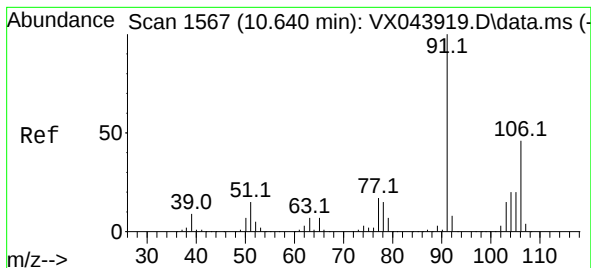
Tgt Ion:106 Resp: 6246

Ion Ratio Lower Upper

106 100

91 217.0 163.3 244.9





#69

o-Xylene

Concen: 0.782 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

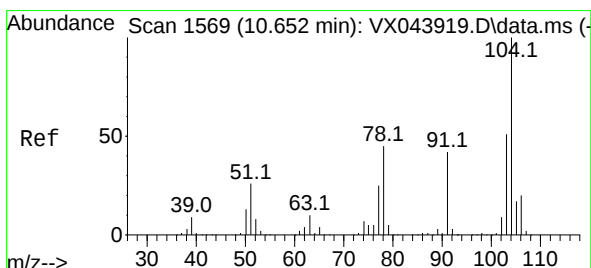
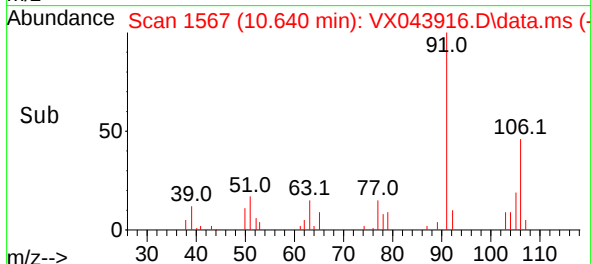
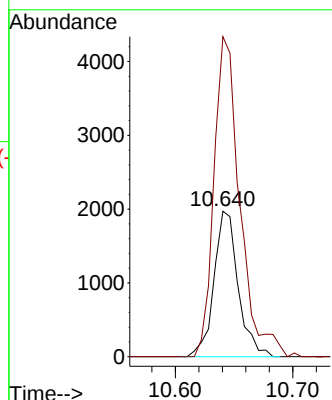
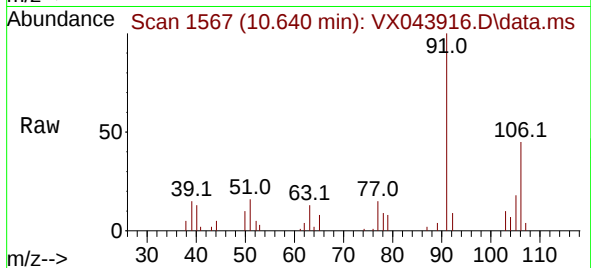
VSTDIC001

Tgt Ion:106 Resp: 2818

Ion Ratio Lower Upper

106 100

91 236.1 109.6 328.6



#70

Styrene

Concen: 0.715 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

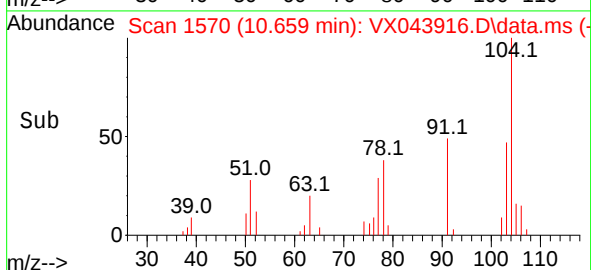
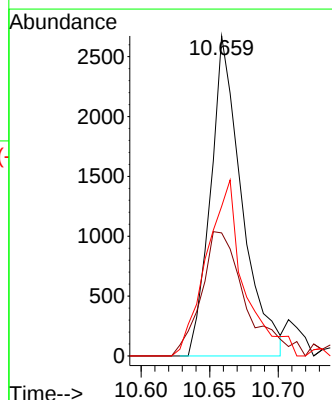
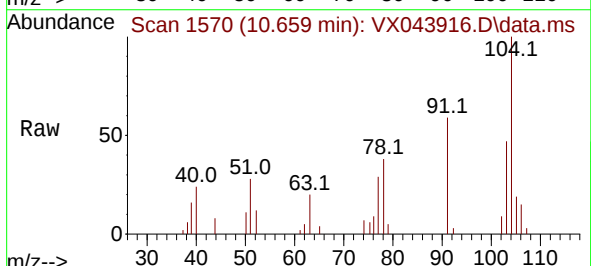
Tgt Ion:104 Resp: 4241

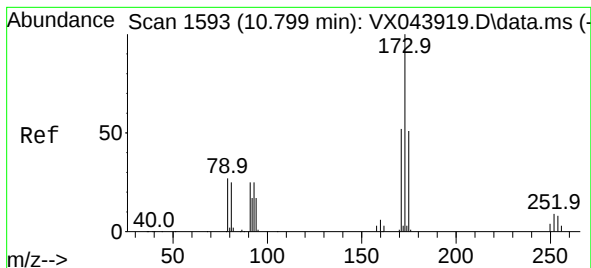
Ion Ratio Lower Upper

104 100

78 54.8 40.3 60.5

103 66.0 43.9 65.9#





#71

Bromoform

Concen: 3.363 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

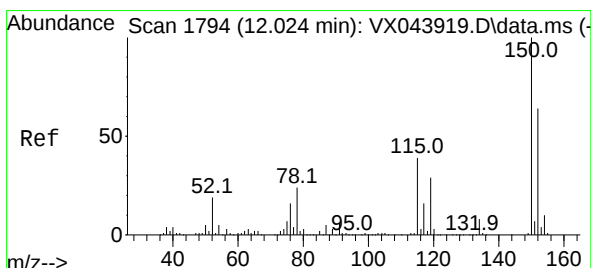
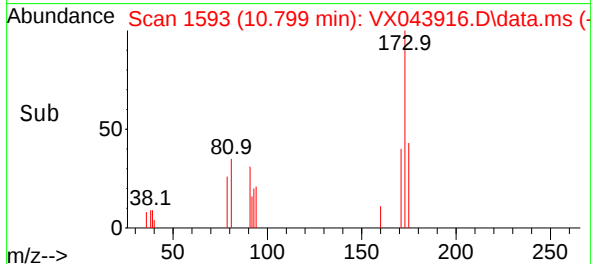
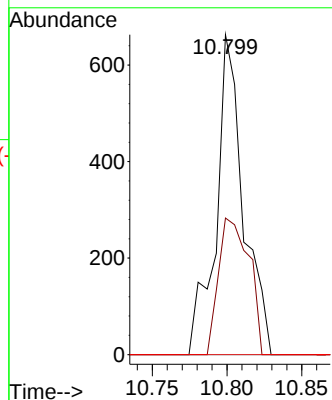
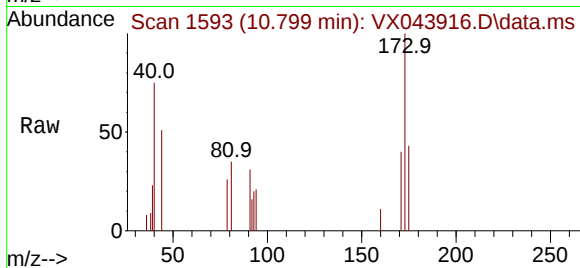
Tgt Ion:173 Resp: 842

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.8

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: VX043916.D

Acq: 20 Nov 2024 16:11

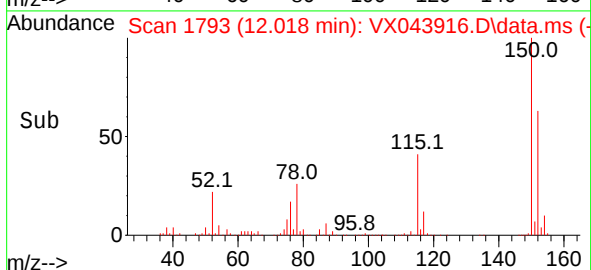
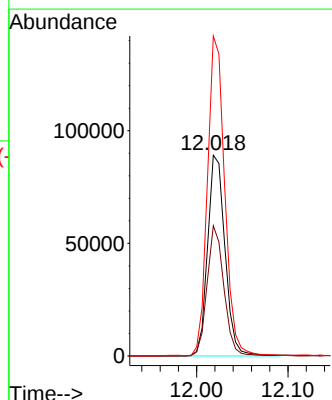
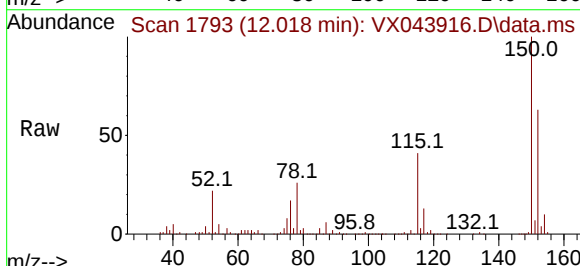
Tgt Ion:152 Resp: 117654

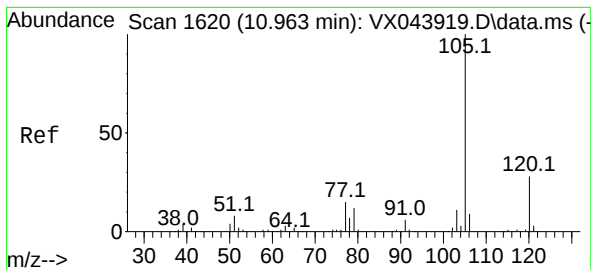
Ion Ratio Lower Upper

152 100

115 62.5 42.1 126.3

150 158.1 0.0 348.2





#73

Isopropylbenzene

Concen: 0.861 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

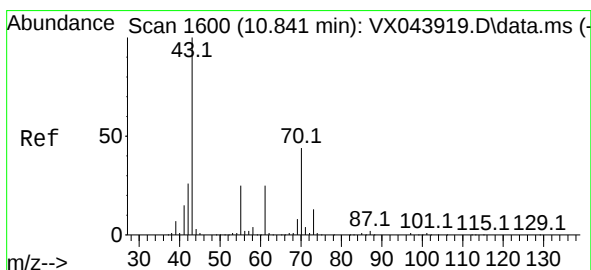
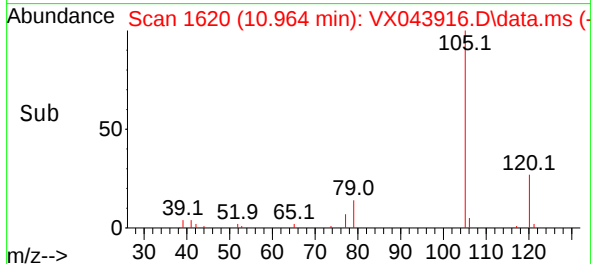
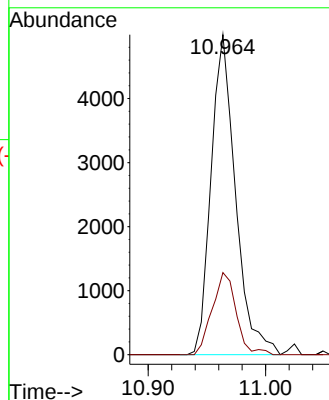
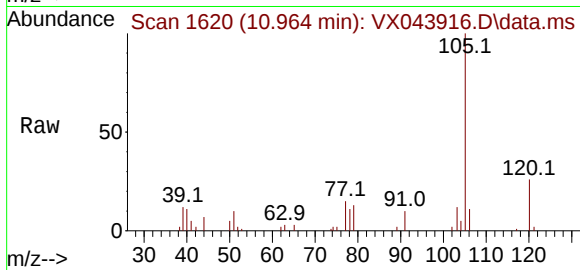
VSTDIC001

Tgt Ion:105 Resp: 7229

Ion Ratio Lower Upper

105 100

120 25.2 13.3 39.8



#74

N-ethyl acetate

Concen: 3.420 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Tgt Ion: 43 Resp: 2623

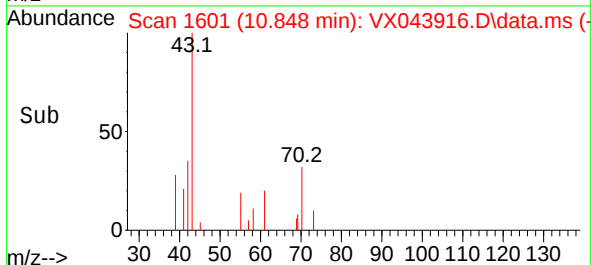
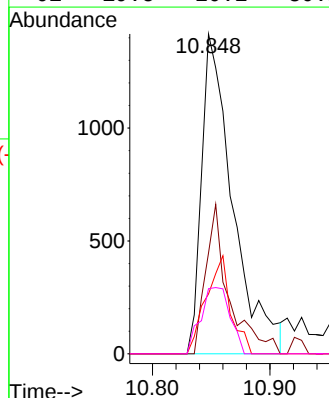
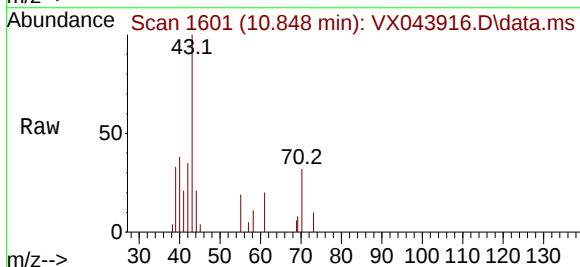
Ion Ratio Lower Upper

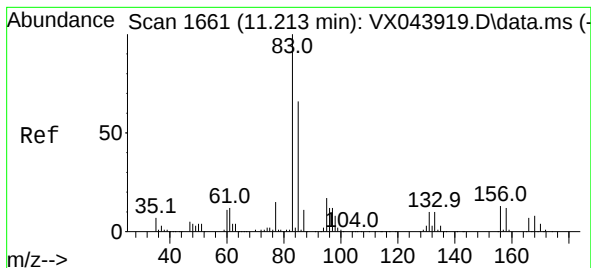
43 100

70 34.6 36.5 54.7#

55 24.0 19.6 29.4

61 19.5 20.2 30.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.826 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

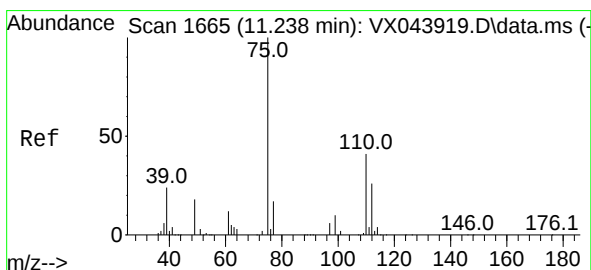
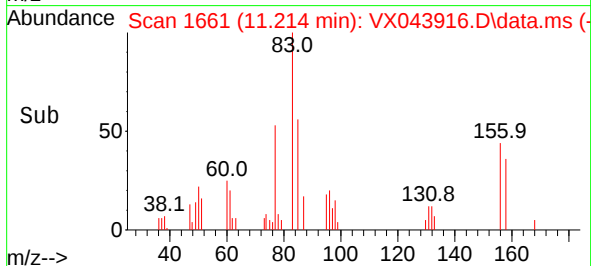
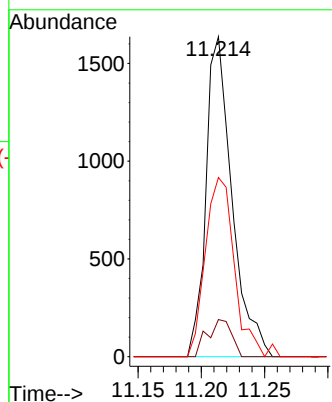
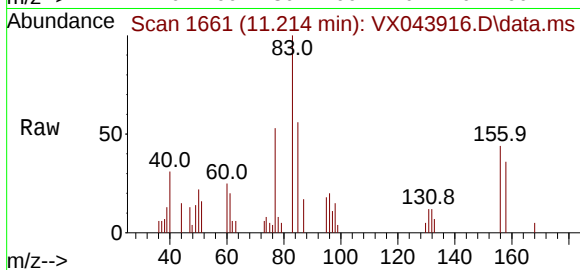
Tgt Ion: 83 Resp: 2345

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 62.8 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 0.979 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX043916.D

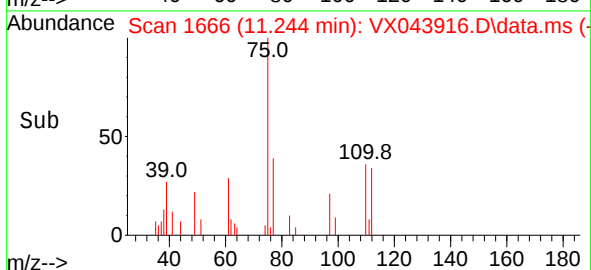
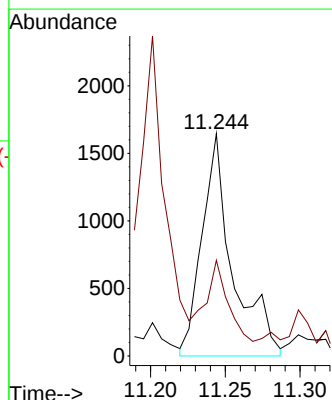
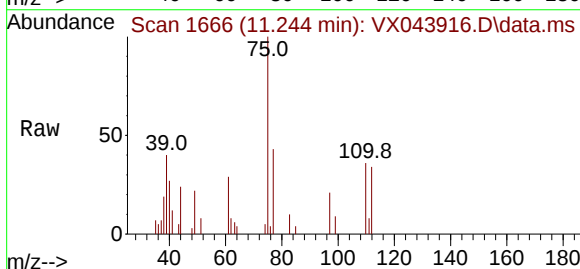
Acq: 20 Nov 2024 16:11

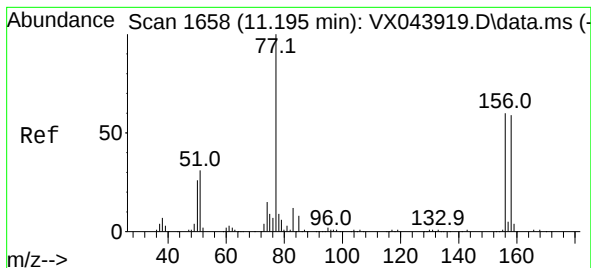
Tgt Ion: 75 Resp: 2351

Ion Ratio Lower Upper

75 100

77 37.7 22.4 67.0





#77

Bromobenzene

Concen: 0.841 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

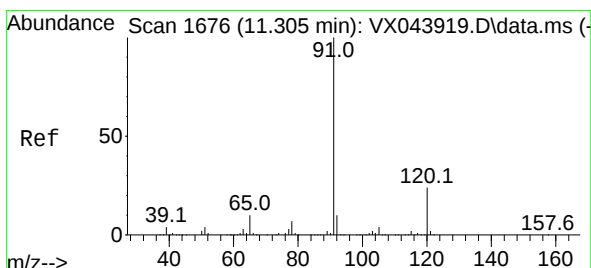
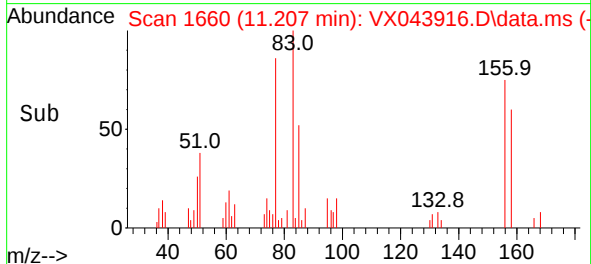
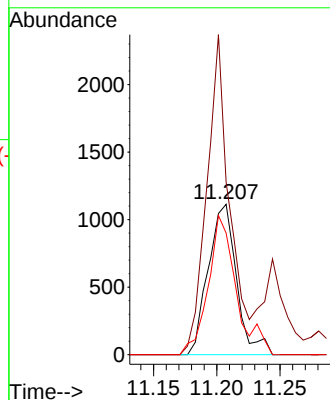
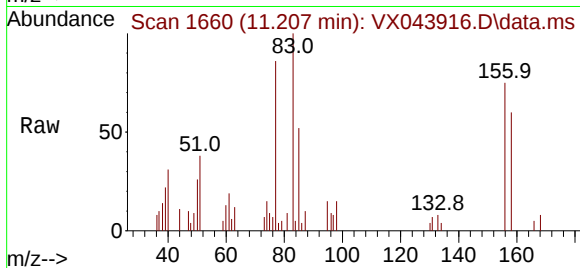
Tgt Ion:156 Resp: 1732

Ion Ratio Lower Upper

156 100

77 170.5 81.2 243.6

158 91.5 48.6 145.8



#78

n-propylbenzene

Concen: 0.776 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043916.D

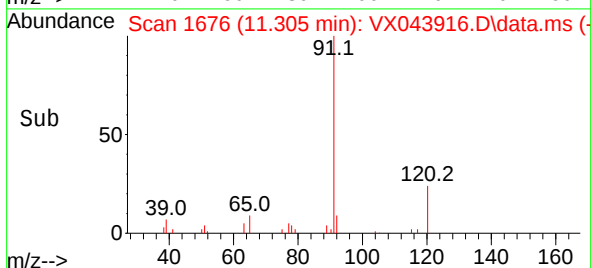
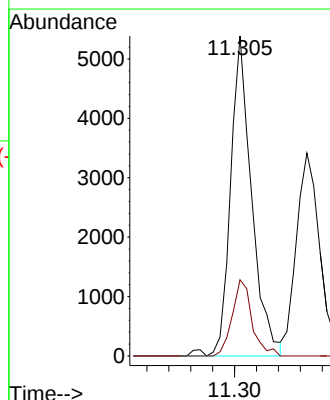
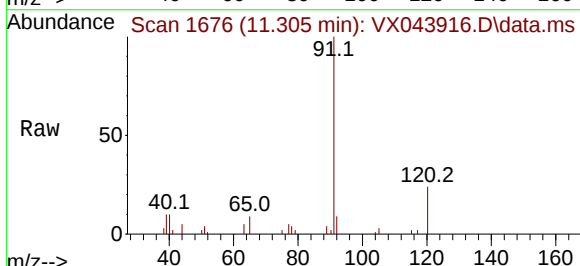
Acq: 20 Nov 2024 16:11

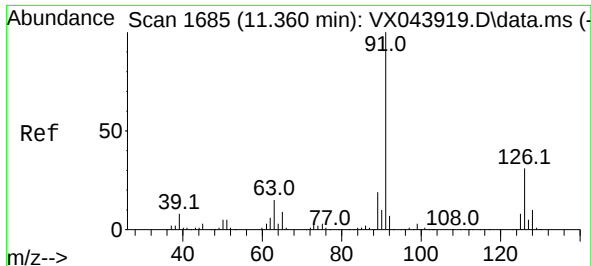
Tgt Ion: 91 Resp: 7191

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.885 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

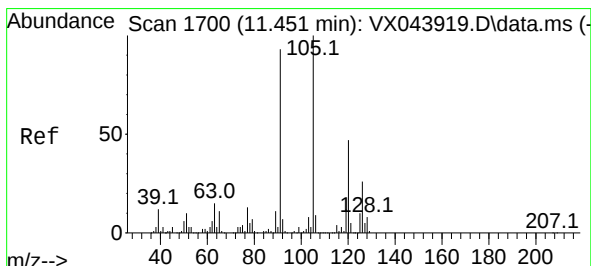
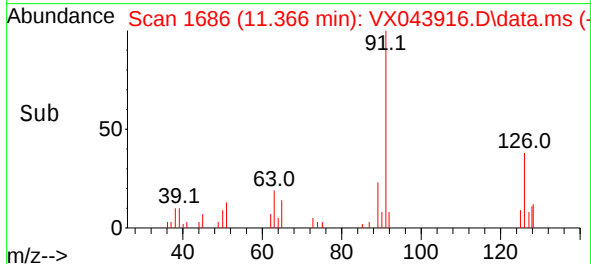
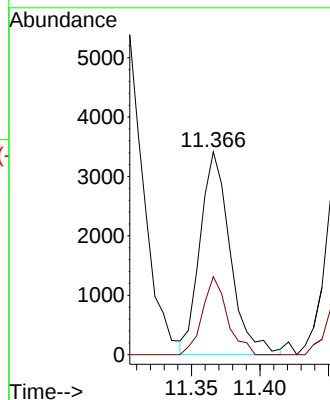
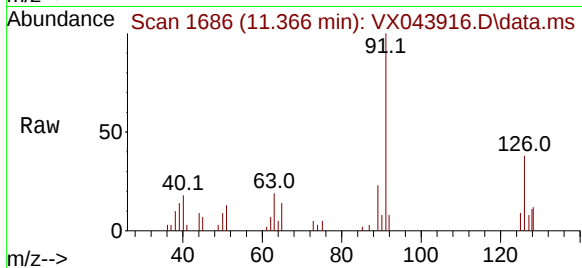
VSTDICC001

Tgt Ion: 91 Resp: 5218

Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 0.836 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043916.D

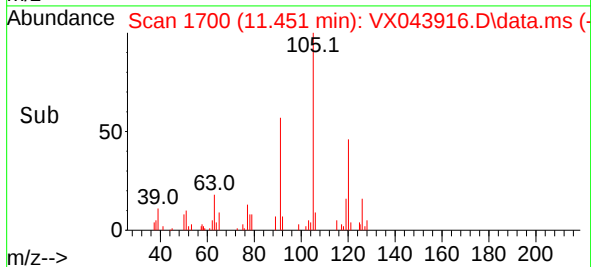
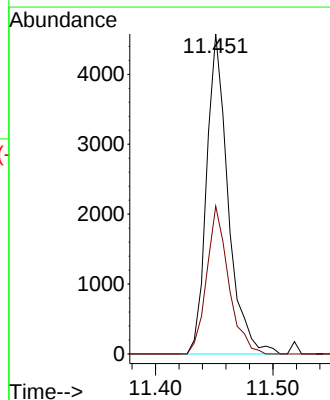
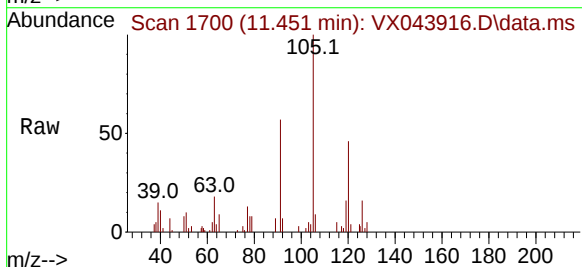
Acq: 20 Nov 2024 16:11

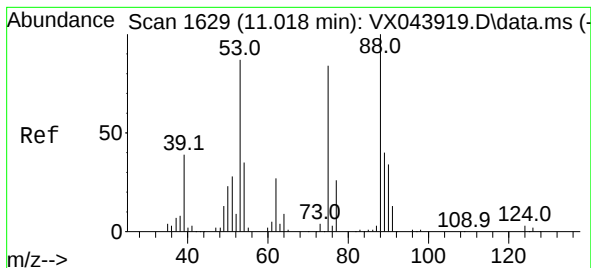
Tgt Ion:105 Resp: 5819

Ion Ratio Lower Upper

105 100

120 47.0 23.8 71.5

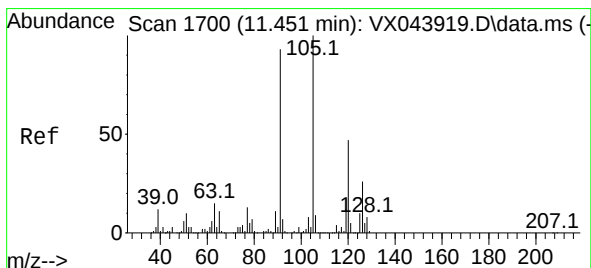
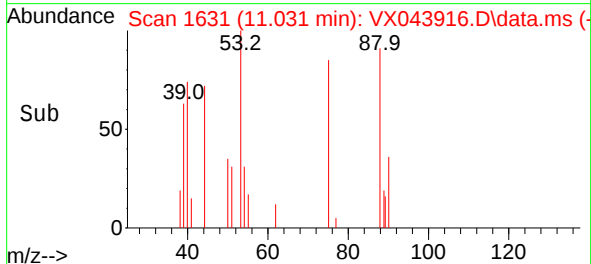
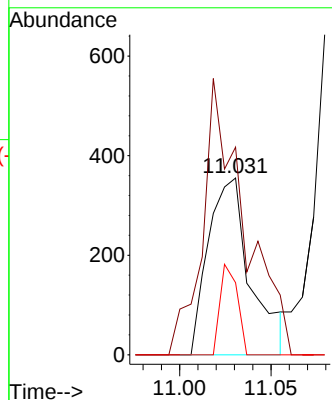
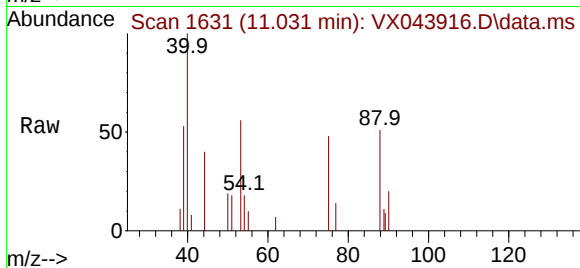




#81
trans-1,4-Dichloro-2-butene
Concen: 5.761 ug/l
RT: 11.031 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

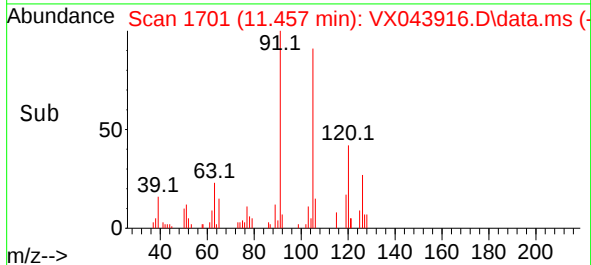
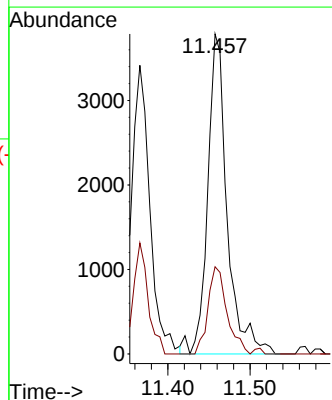
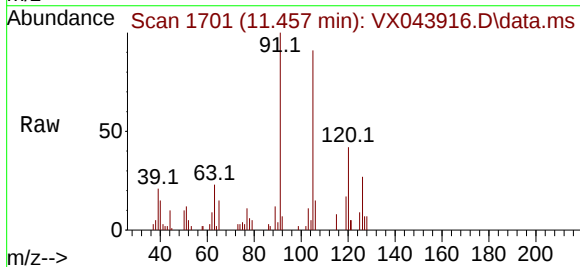
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

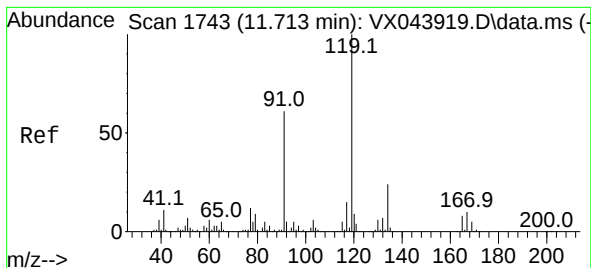
Tgt Ion: 75 Resp: 572
Ion Ratio Lower Upper
75 100
53 154.0 81.7 122.5#
89 21.0 38.6 57.8#



#82
4-Chlorotoluene
Concen: 0.916 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

Tgt Ion: 91 Resp: 6218
Ion Ratio Lower Upper
91 100
126 26.7 14.4 43.2





#83

tert-Butylbenzene

Concen: 0.906 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

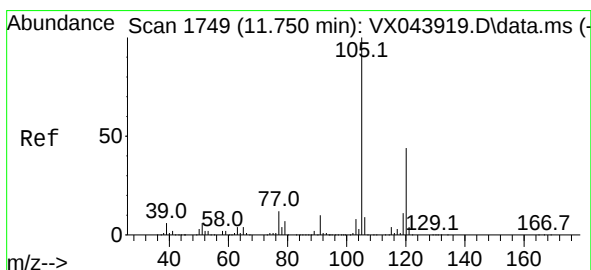
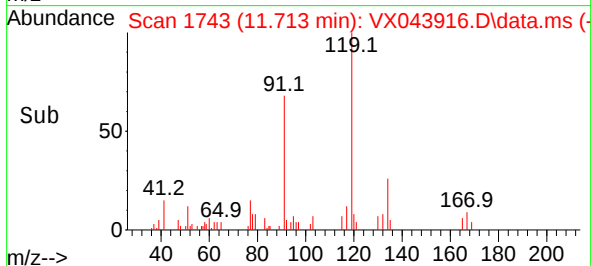
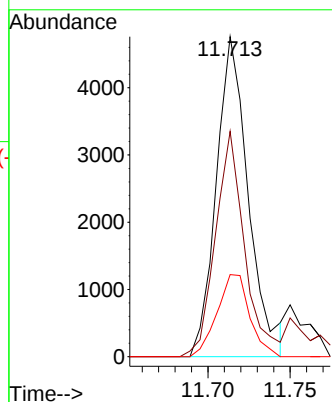
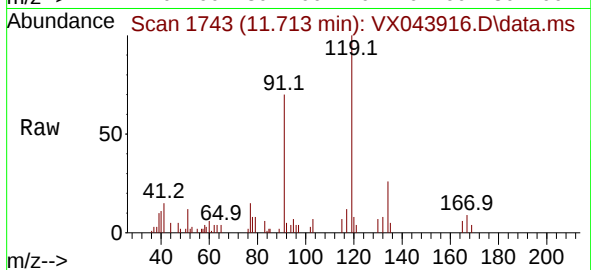
Tgt Ion:119 Resp: 6452

Ion Ratio Lower Upper

119 100

91 64.0 29.5 88.6

134 26.1 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 0.838 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043916.D

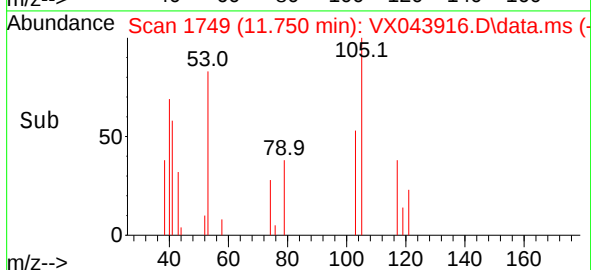
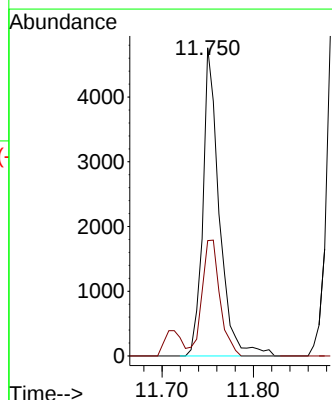
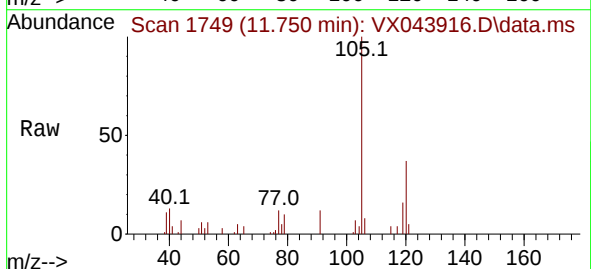
Acq: 20 Nov 2024 16:11

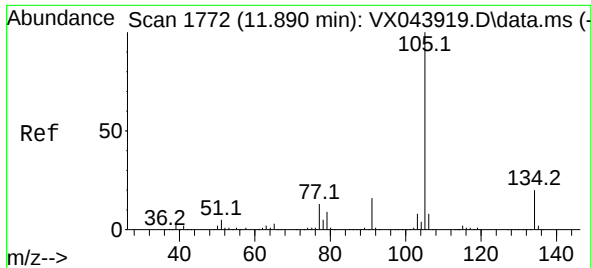
Tgt Ion:105 Resp: 5926

Ion Ratio Lower Upper

105 100

120 41.4 21.7 65.1





#85

sec-Butylbenzene

Concen: 0.860 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

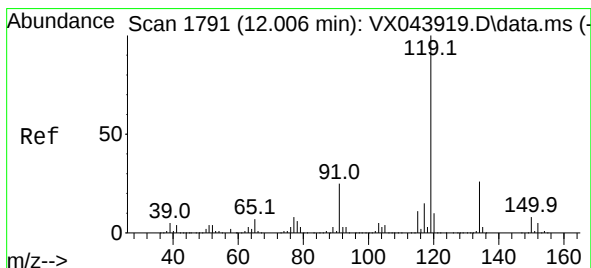
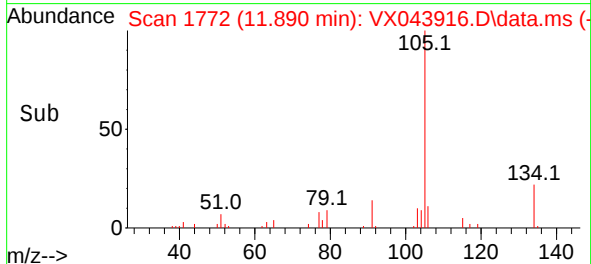
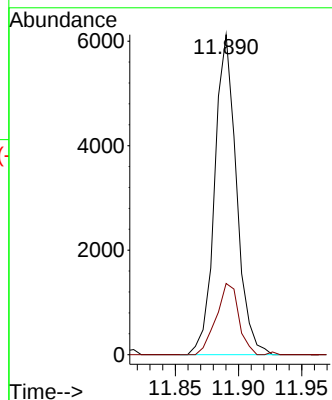
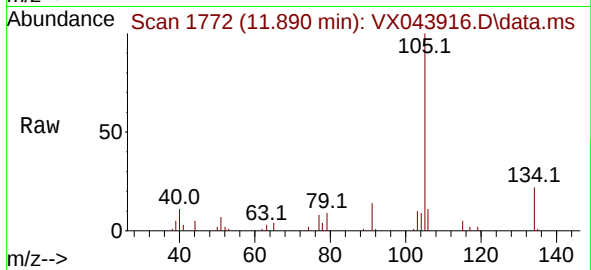
VSTDIC001

Tgt Ion:105 Resp: 7315

Ion Ratio Lower Upper

105 100

134 23.0 10.0 29.8



#86

p-Isopropyltoluene

Concen: 0.850 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

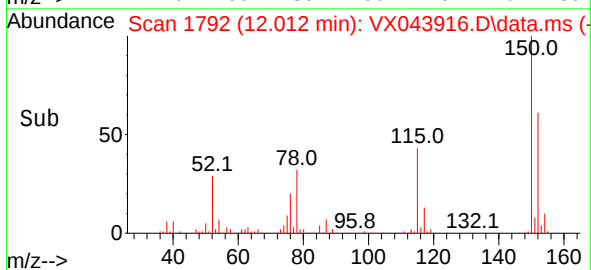
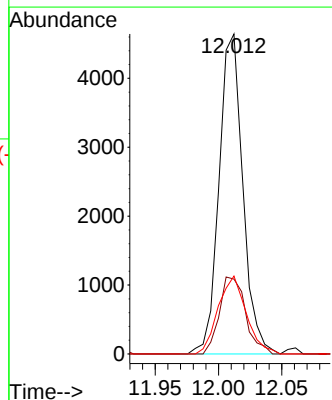
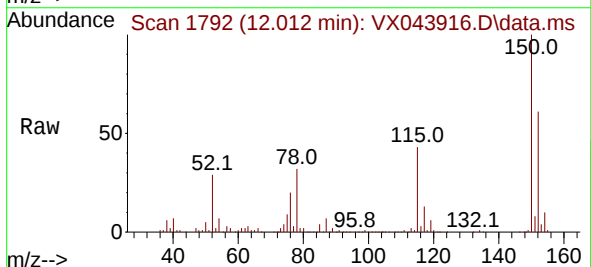
Tgt Ion:119 Resp: 6068

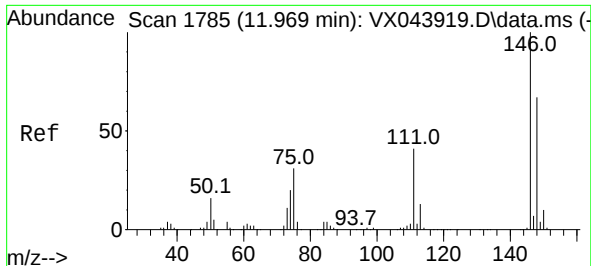
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 28.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 0.988 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

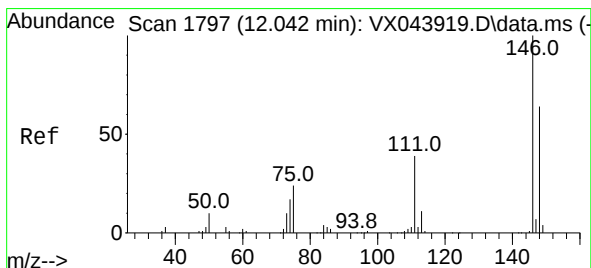
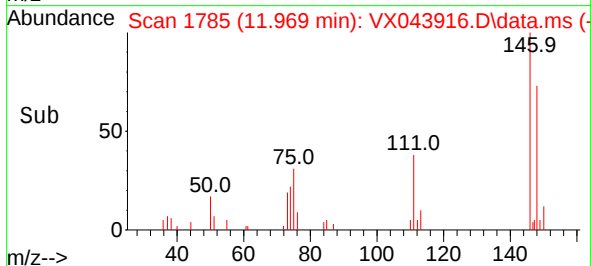
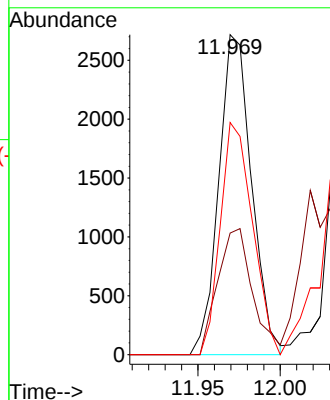
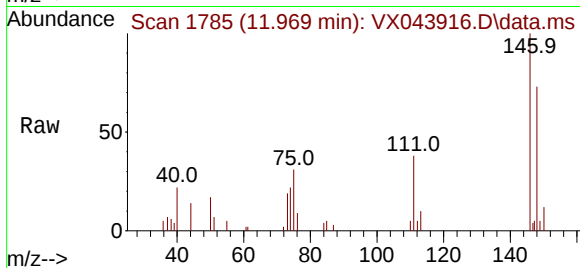
Tgt Ion:146 Resp: 3768

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.2

148 71.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 0.964 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

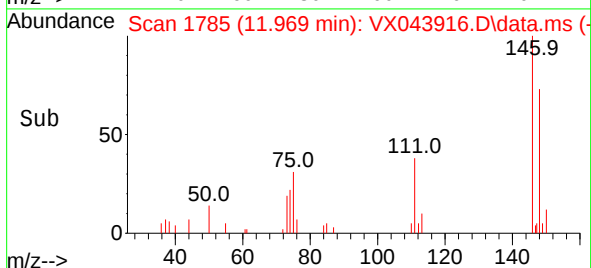
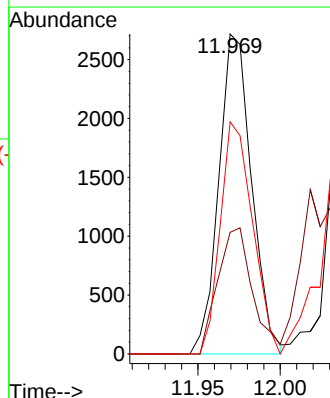
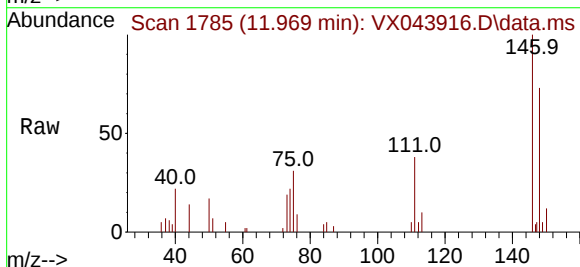
Tgt Ion:146 Resp: 3768

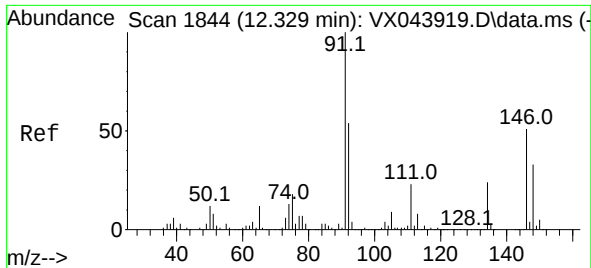
Ion Ratio Lower Upper

146 100

111 41.9 20.1 60.2

148 71.3 32.2 96.6





#89

n-Butylbenzene

Concen: 0.771 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

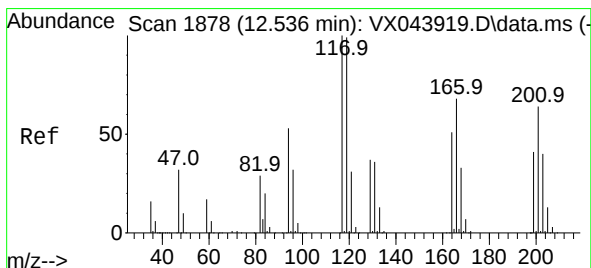
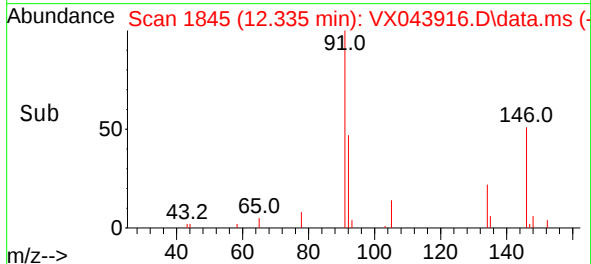
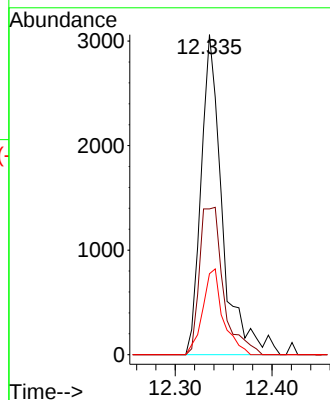
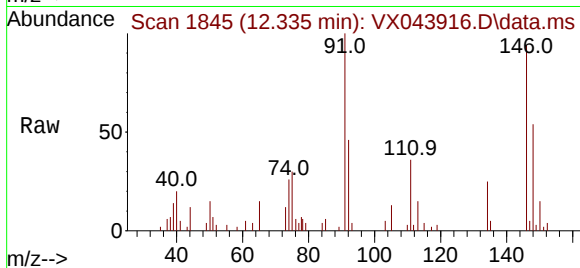
Tgt Ion: 91 Resp: 4688

Ion Ratio Lower Upper

91 100

92 51.5 26.9 80.6

134 25.6 12.9 38.6



#90

Hexachloroethane

Concen: 3.579 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043916.D

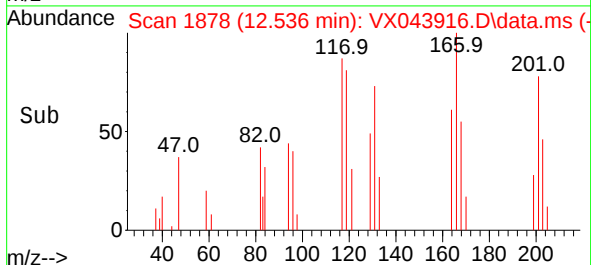
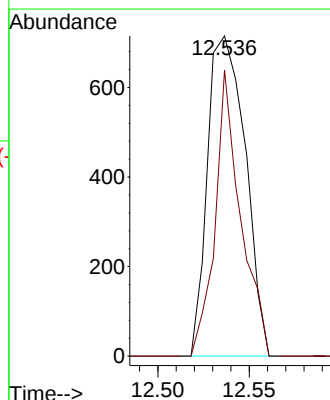
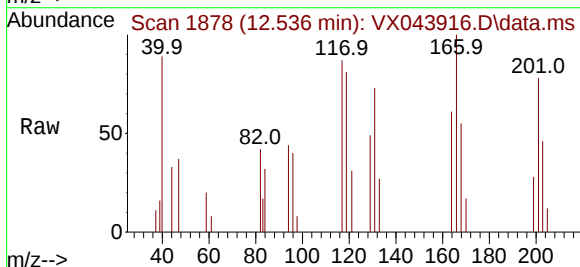
Acq: 20 Nov 2024 16:11

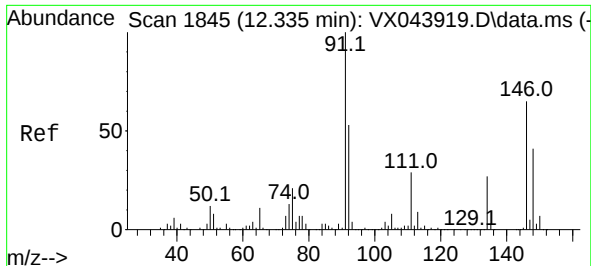
Tgt Ion: 117 Resp: 1028

Ion Ratio Lower Upper

117 100

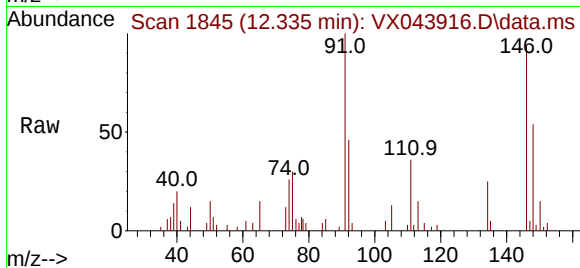
201 60.5 34.1 102.3



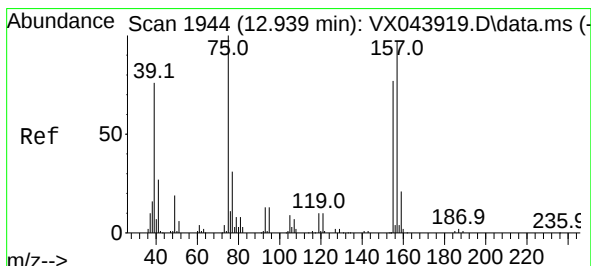
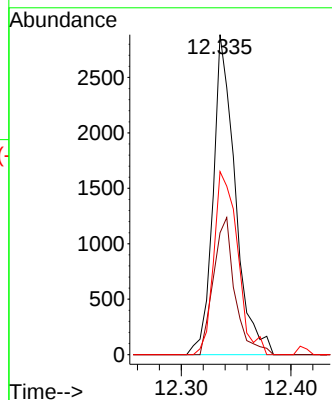
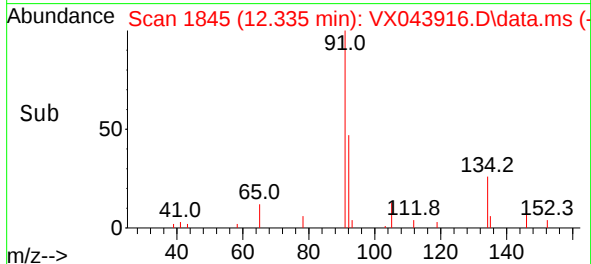


#91
1,2-Dichlorobenzene
Concen: 1.012 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11

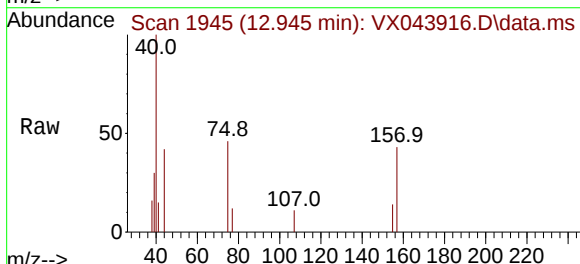
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



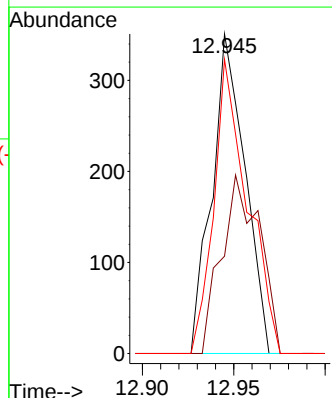
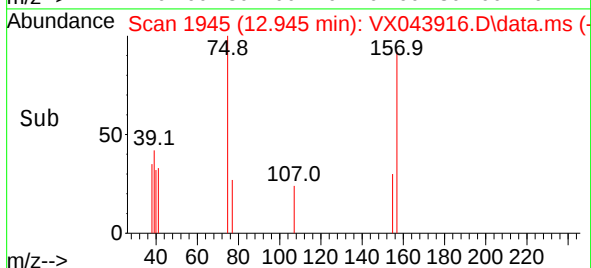
Tgt Ion:146 Resp: 4040
Ion Ratio Lower Upper
146 100
111 41.7 21.7 65.1
148 61.6 31.6 94.7

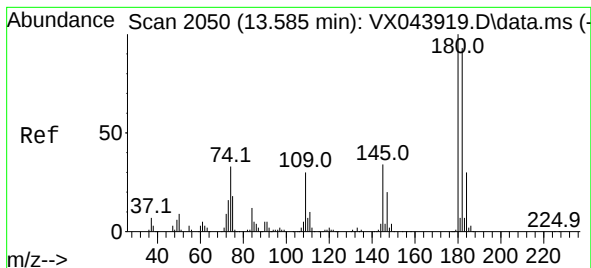


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.084 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043916.D
Acq: 20 Nov 2024 16:11



Tgt Ion: 75 Resp: 441
Ion Ratio Lower Upper
75 100
155 64.6 40.8 122.5
157 93.7 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 0.872 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

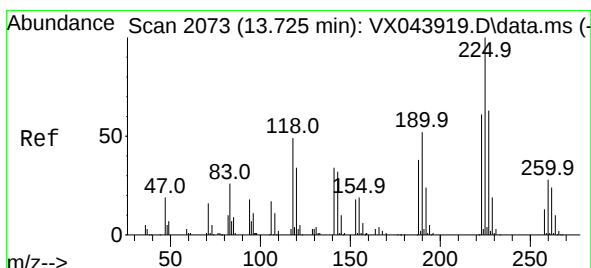
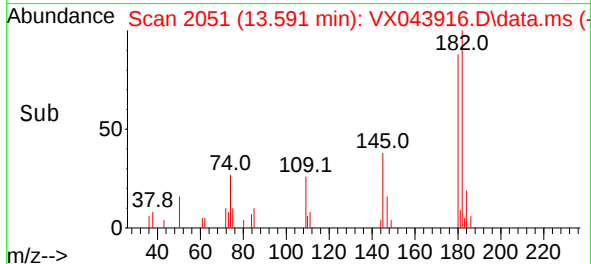
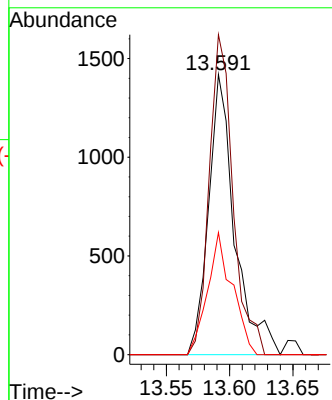
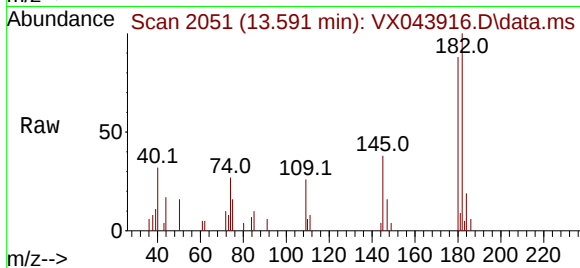
Tgt Ion:180 Resp: 2035

Ion Ratio Lower Upper

180 100

182 104.3 46.8 140.4

145 41.4 16.4 49.2



#94

Hexachlorobutadiene

Concen: 1.078 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

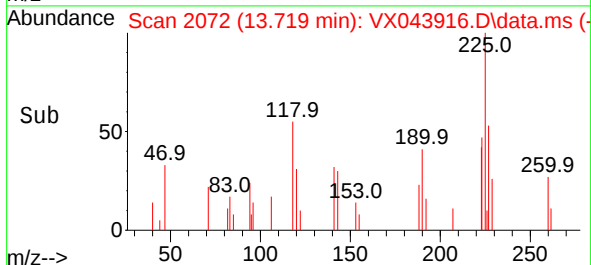
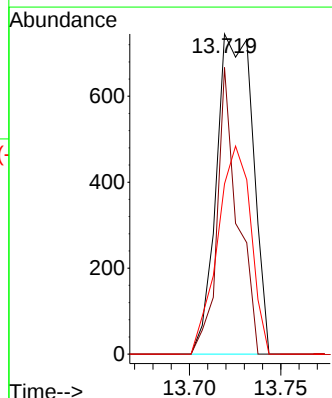
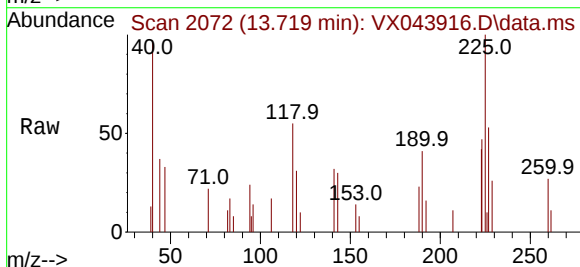
Tgt Ion:225 Resp: 1031

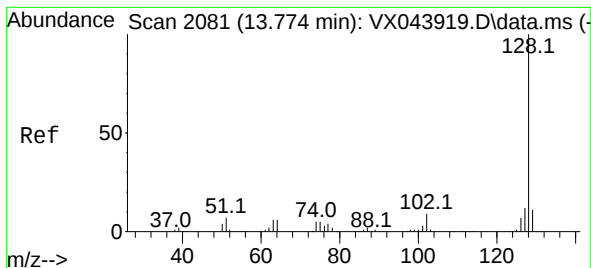
Ion Ratio Lower Upper

225 100

223 50.3 31.1 93.3

227 59.7 29.8 89.5





#95

Naphthalene

Concen: 0.903 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

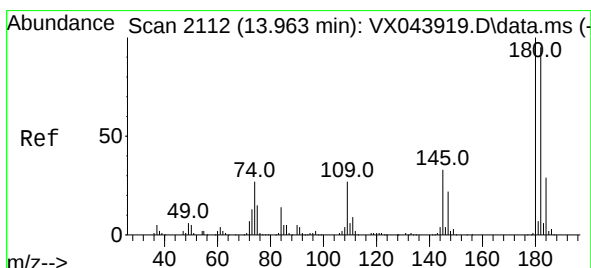
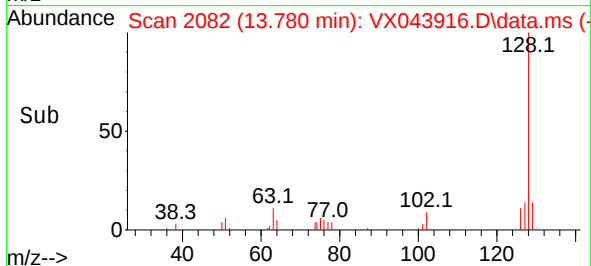
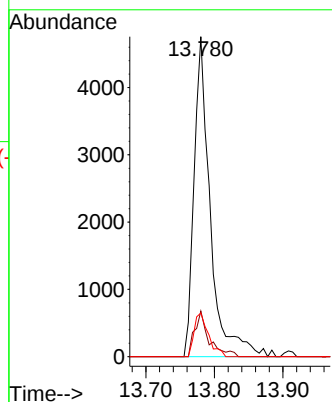
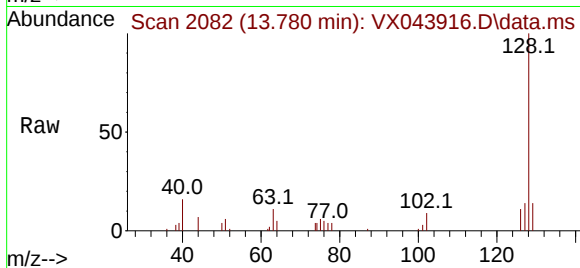
Tgt Ion:128 Resp: 7858

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 12.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.932 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043916.D

Acq: 20 Nov 2024 16:11

Tgt Ion:180 Resp: 2267

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.8

145 25.1 17.4 52.2

