

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043917.D
 Acq On : 20 Nov 2024 16:57
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 21 05:47:34 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	190227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	341382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	15105	5.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.340%#
35) Dibromofluoromethane	5.391	113	11186	4.880	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.760%#
50) Toluene-d8	8.647	98	36910	4.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.640%#
62) 4-Bromofluorobenzene	11.079	95	13547	5.353	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	10.700%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8125	4.221	ug/l	91
3) Chloromethane	1.294	50	11007	4.575	ug/l	92
4) Vinyl Chloride	1.374	62	11260	4.659	ug/l	96
5) Bromomethane	1.593	94	5111	4.655	ug/l	97
6) Chloroethane	1.666	64	5726	4.960	ug/l	92
7) Trichlorofluoromethane	1.868	101	15119	4.388	ug/l	90
8) Diethyl Ether	2.130	74	5999	4.618	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	9715	4.764	ug/l	91
10) Methyl Iodide	2.447	142	12704	4.426	ug/l	98
11) Tert butyl alcohol	2.989	59	8759	18.851	ug/l	98
12) 1,1-Dichloroethene	2.307	96	9267	4.682	ug/l	92
13) Acrolein	2.233	56	11711	22.474	ug/l	93
14) Allyl chloride	2.654	41	14027	4.371	ug/l	98
15) Acrylonitrile	3.069	53	27618	23.091	ug/l	99
16) Acetone	2.386	43	27431	23.374	ug/l	95
17) Carbon Disulfide	2.502	76	16097	3.725	ug/l	96
18) Methyl Acetate	2.709	43	14600	4.543	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	33867	4.629	ug/l	100
20) Methylene Chloride	2.782	84	11900	4.844	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	9511	4.408	ug/l	94
22) Diisopropyl ether	3.764	45	33123	4.725	ug/l #	89
23) Vinyl Acetate	3.721	43	125213	22.035	ug/l	96
24) 1,1-Dichloroethane	3.605	63	19000	4.608	ug/l	96
25) 2-Butanone	4.574	43	38287	23.321	ug/l	97
26) 2,2-Dichloropropane	4.465	77	15535	4.585	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	11992	4.466	ug/l	96
28) Bromochloromethane	4.898	49	9981	5.753	ug/l	96
29) Tetrahydrofuran	5.019	42	25182	23.738	ug/l	99
30) Chloroform	5.086	83	20555	4.783	ug/l	91
31) Cyclohexane	5.458	56	15449	4.623	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	16865	4.590	ug/l	100
36) 1,1-Dichloropropene	5.690	75	13316	4.661	ug/l	98
37) Ethyl Acetate	4.721	43	13434	4.138	ug/l #	93
38) Carbon Tetrachloride	5.672	117	13418	4.436	ug/l	86
39) Methylcyclohexane	7.379	83	15977	4.467	ug/l	92
40) Benzene	6.031	78	41509	4.621	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 21 05:47:34 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	7354	4.389	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	15551	4.768	ug/l	98
43) Isopropyl Acetate	6.342	43	23505	4.634	ug/l	97
44) Trichloroethene	7.123	130	11010	4.446	ug/l	94
45) 1,2-Dichloropropane	7.428	63	10020	4.552	ug/l	100
46) Dibromomethane	7.586	93	7189	4.334	ug/l	95
47) Bromodichloromethane	7.824	83	11116	3.814	ug/l	100
48) Methyl methacrylate	7.702	41	11701	4.654	ug/l #	84
49) 1,4-Dioxane	7.684	88	2702	50.607	ug/l #	63
51) 4-Methyl-2-Pentanone	8.574	43	71906	22.736	ug/l	92
52) Toluene	8.720	92	22352	4.313	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	10993	3.717	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	13245	3.952	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	9461	4.679	ug/l	96
56) Ethyl methacrylate	9.122	69	13819	4.317	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	16043	4.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	35860	21.361	ug/l	100
59) 2-Hexanone	9.433	43	49760	22.300	ug/l	92
60) Dibromochloromethane	9.519	129	7891	4.005	ug/l	95
61) 1,2-Dibromoethane	9.610	107	9977	4.731	ug/l	96
64) Tetrachloroethene	9.275	164	8604	4.500	ug/l	99
65) Chlorobenzene	10.079	112	28082	4.510	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	8888	4.289	ug/l	96
67) Ethyl Benzene	10.195	91	46537	4.441	ug/l	98
68) m/p-Xylenes	10.299	106	36052	9.238	ug/l	100
69) o-Xylene	10.640	106	18538	4.868	ug/l	98
70) Styrene	10.659	104	29145	4.644	ug/l	100
71) Bromoform	10.799	173	5062	5.783	ug/l #	99
73) Isopropylbenzene	10.963	105	45614	4.784	ug/l	100
74) N-amyl acetate	10.848	43	17442	6.216	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	15815	4.905	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	16096	5.904	ug/l	85
77) Bromobenzene	11.201	156	11106	4.752	ug/l	98
78) n-propylbenzene	11.305	91	45894	4.362	ug/l	99
79) 2-Chlorotoluene	11.366	91	30838	4.606	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	35939	4.547	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	3100	7.794	ug/l #	79
82) 4-Chlorotoluene	11.457	91	35042	4.545	ug/l	98
83) tert-Butylbenzene	11.713	119	37974	4.697	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	37474	4.669	ug/l	97
85) sec-Butylbenzene	11.890	105	43954	4.552	ug/l	98
86) p-Isopropyltoluene	12.012	119	35996	4.440	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	19676	4.543	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	20422	4.599	ug/l	94
89) n-Butylbenzene	12.335	91	27885	4.037	ug/l	98
90) Hexachloroethane	12.536	117	4845	5.768	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	21002	4.631	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2452	6.365	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	10615	4.005	ug/l	95
94) Hexachlorobutadiene	13.725	225	4513	4.155	ug/l	93
95) Naphthalene	13.774	128	39168	3.964	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	10909	3.951	ug/l	98

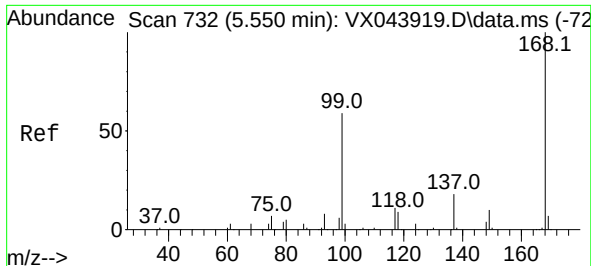
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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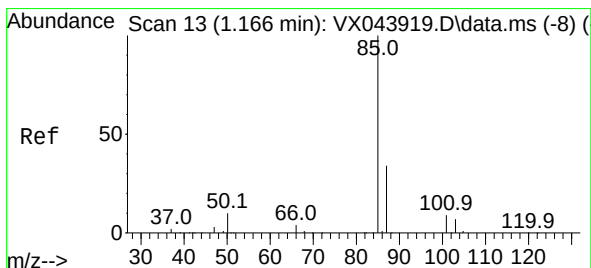
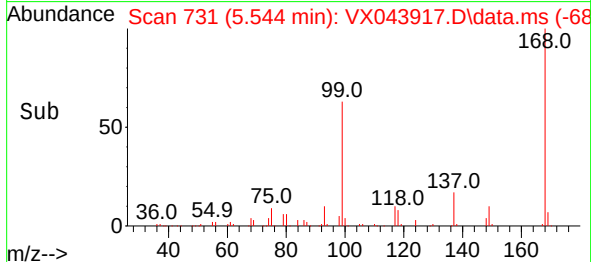
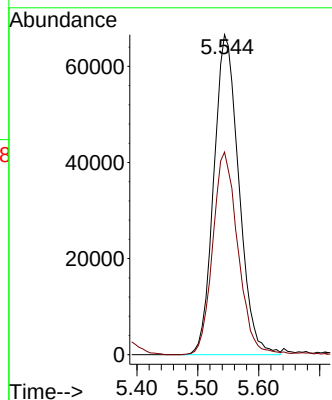
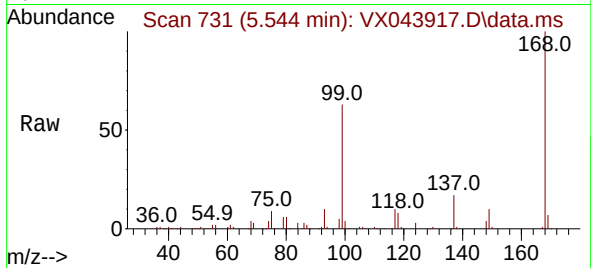
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

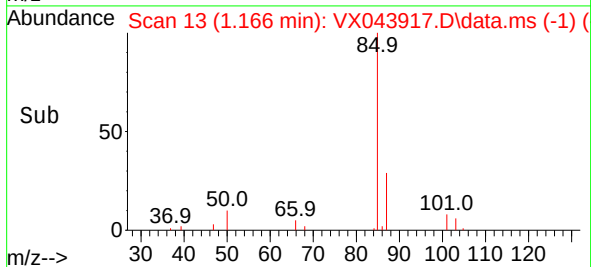
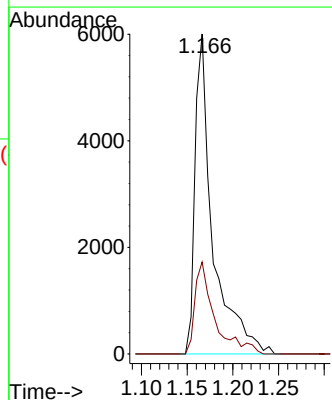
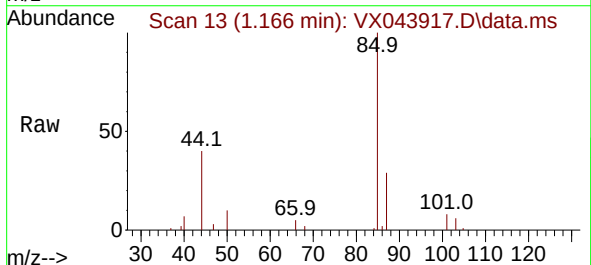
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

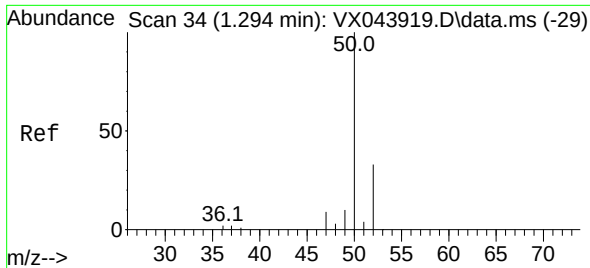
Tgt Ion:168 Resp: 190227
Ion Ratio Lower Upper
168 100
99 63.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.221 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 85 Resp: 8125
Ion Ratio Lower Upper
85 100
87 28.8 17.1 51.2

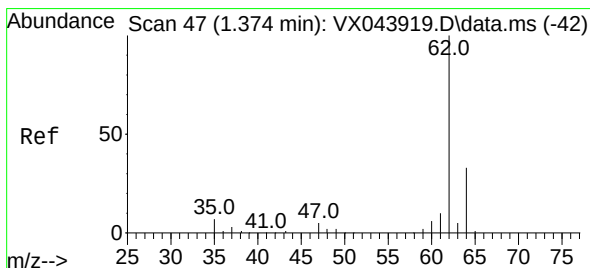
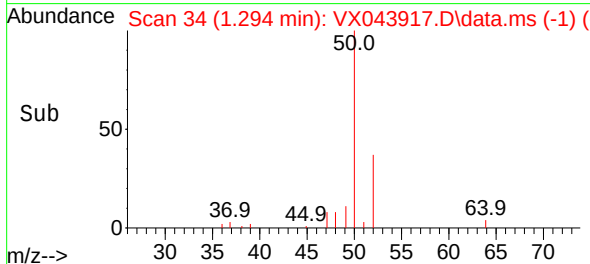
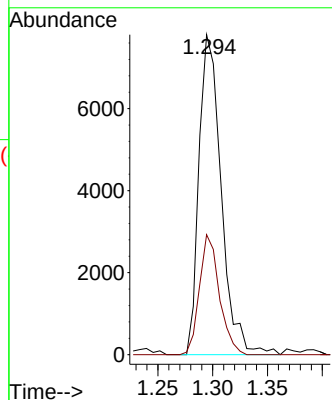
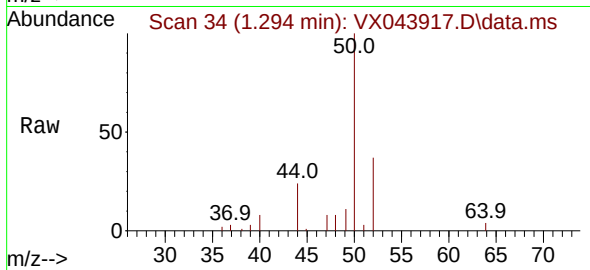




#3
Chloromethane
Concen: 4.575 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

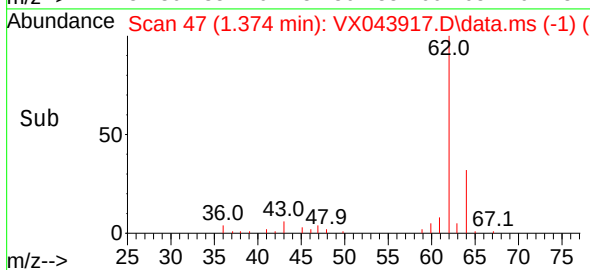
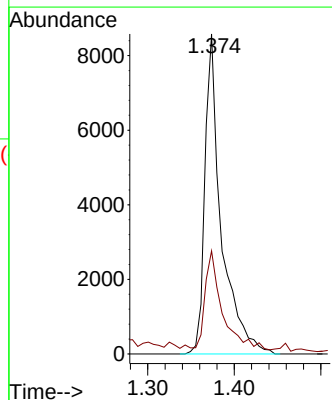
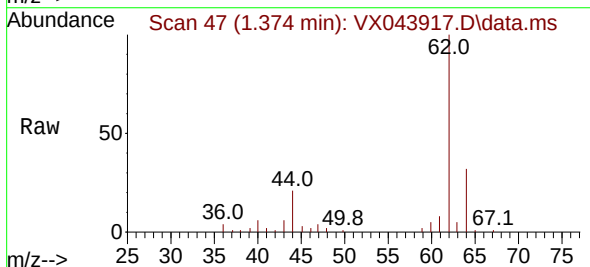
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

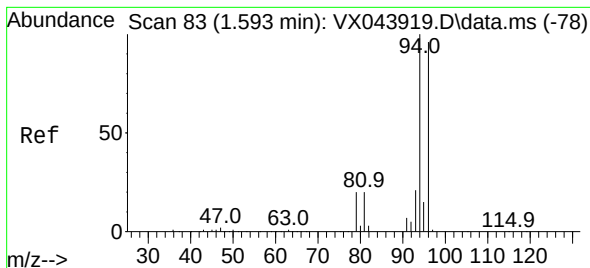
Tgt Ion: 50 Resp: 11007
Ion Ratio Lower Upper
50 100
52 37.5 26.2 39.2



#4
Vinyl Chloride
Concen: 4.659 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 62 Resp: 11260
Ion Ratio Lower Upper
62 100
64 30.5 26.1 39.1





#5

Bromomethane

Concen: 4.655 ug/l

RT: 1.593 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

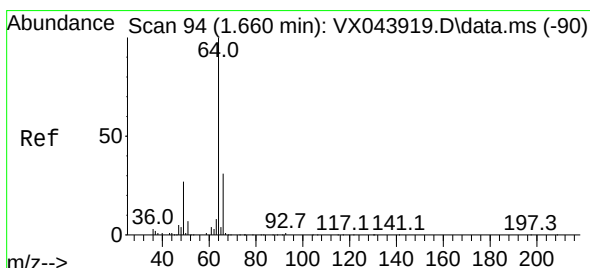
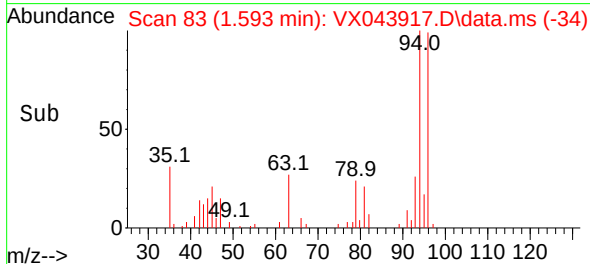
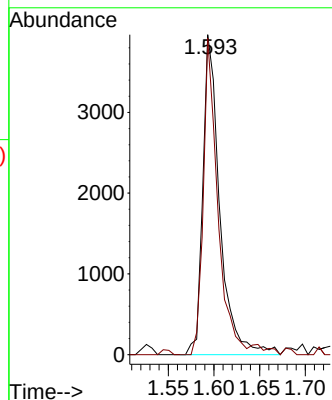
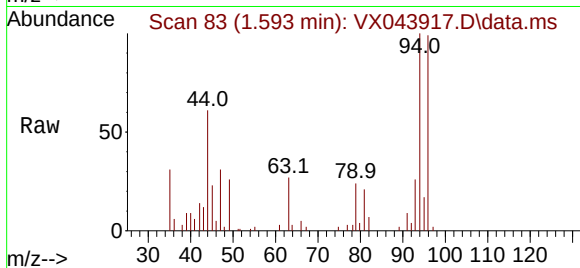
VSTDIC005

Tgt Ion: 94 Resp: 5111

Ion Ratio Lower Upper

94 100

96 98.9 76.5 114.7



#6

Chloroethane

Concen: 4.960 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043917.D

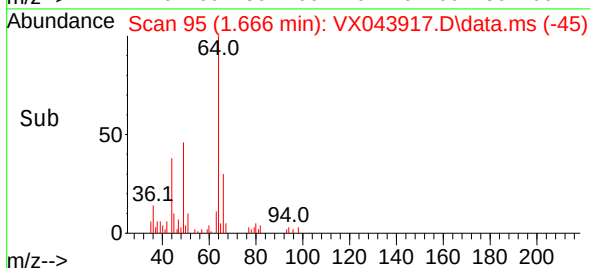
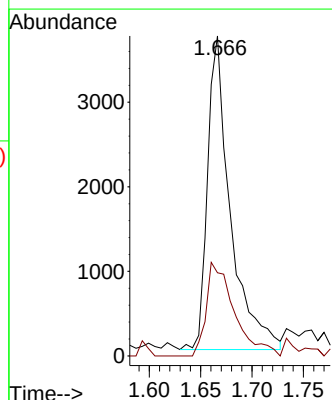
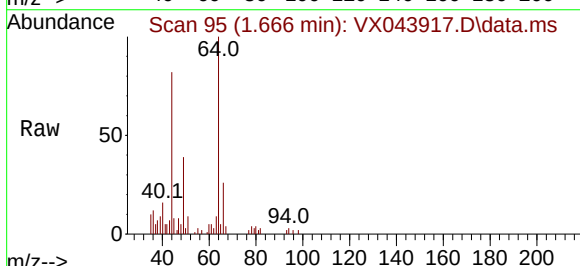
Acq: 20 Nov 2024 16:57

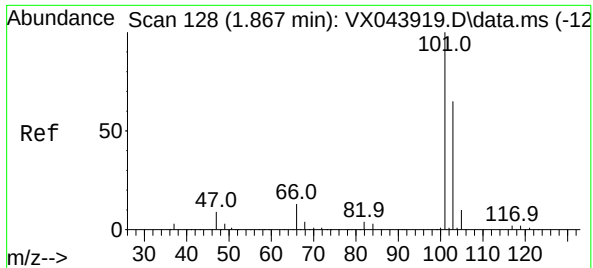
Tgt Ion: 64 Resp: 5726

Ion Ratio Lower Upper

64 100

66 26.5 24.9 37.3

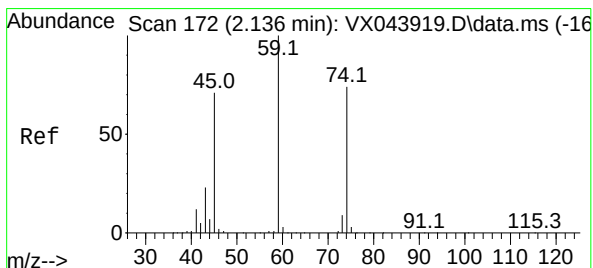
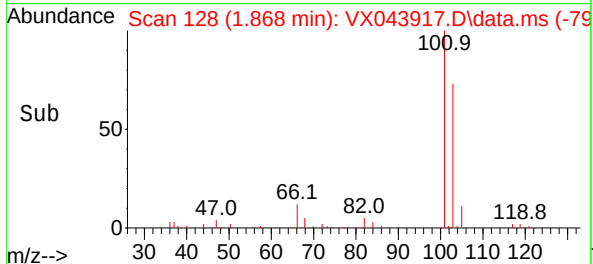
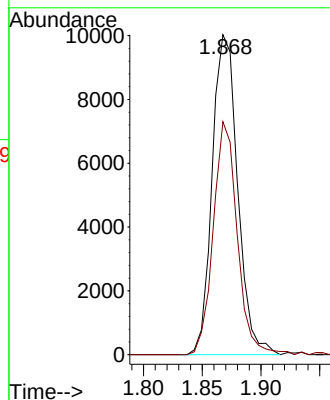
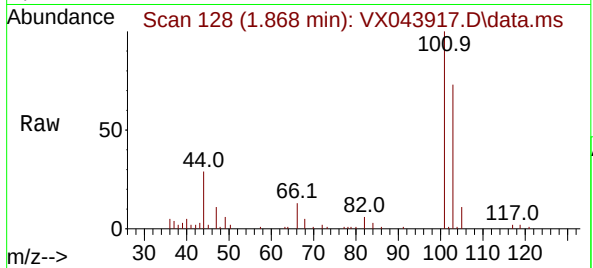




#7
 Trichlorofluoromethane
 Concen: 4.388 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043917.D
 Acq: 20 Nov 2024 16:57

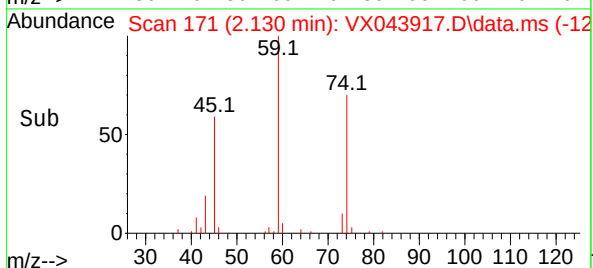
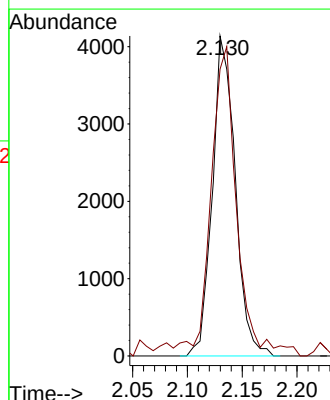
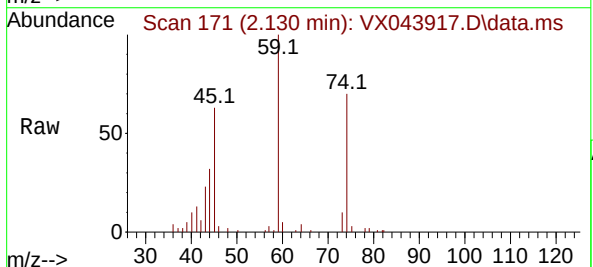
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

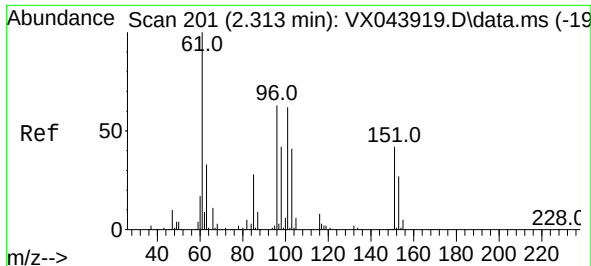
Tgt Ion:101 Resp: 15119
 Ion Ratio Lower Upper
 101 100
 103 72.8 52.2 78.4



#8
 Diethyl Ether
 Concen: 4.618 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX043917.D
 Acq: 20 Nov 2024 16:57

Tgt Ion: 74 Resp: 5999
 Ion Ratio Lower Upper
 74 100
 45 109.2 49.9 149.6

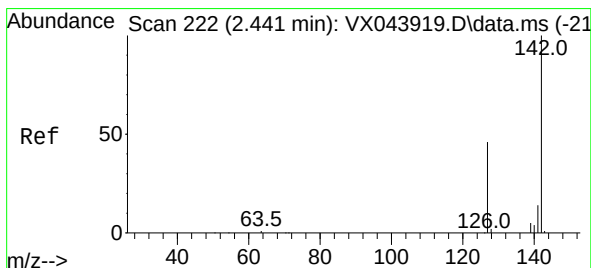
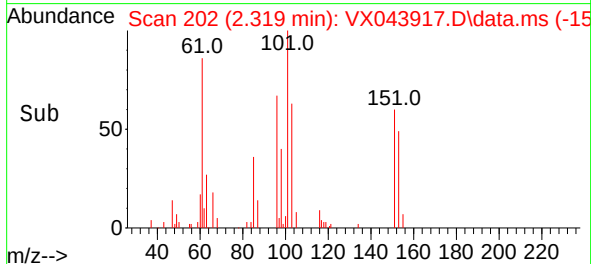
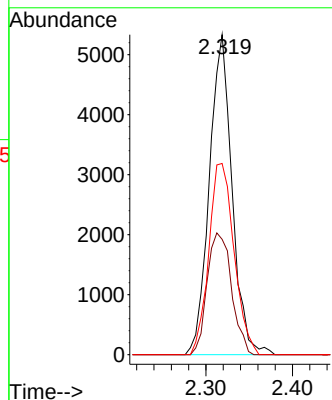
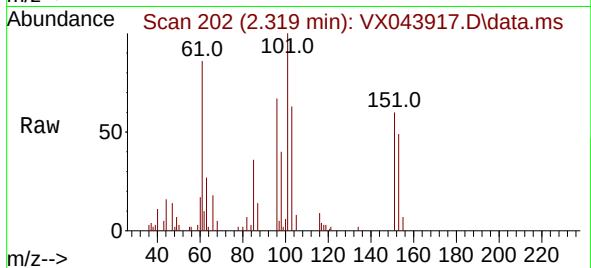




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.764 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

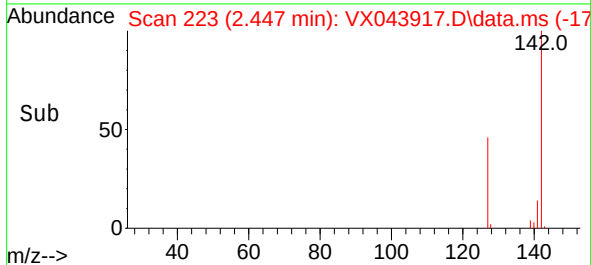
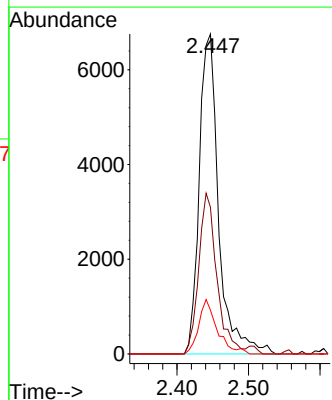
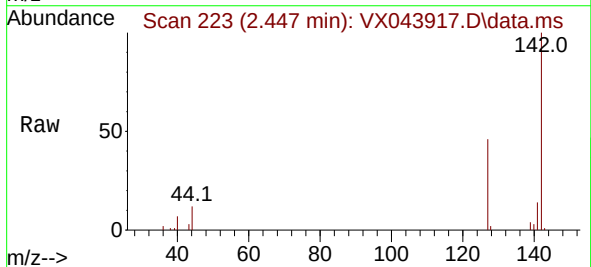
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

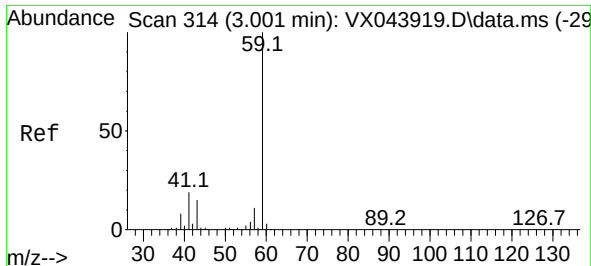
Tgt Ion:101 Resp: 9715
Ion Ratio Lower Upper
101 100
85 40.8 36.6 54.8
151 66.4 59.8 89.6



#10
Methyl Iodide
Concen: 4.426 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion:142 Resp: 12704
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 16.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 18.851 ug/l

RT: 2.989 min Scan# 314

Delta R.T. -0.012 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

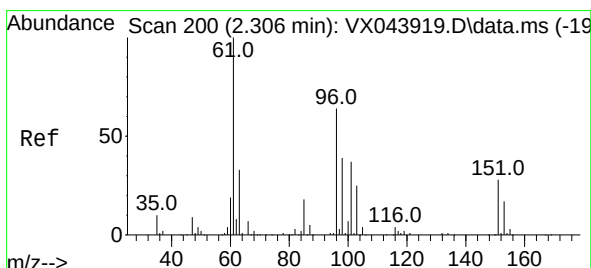
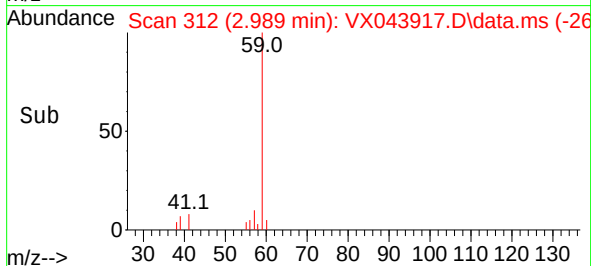
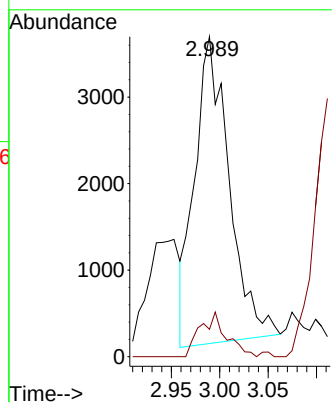
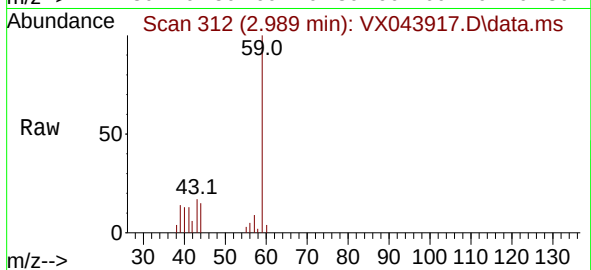
VSTDIC005

Tgt Ion: 59 Resp: 8759

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 4.682 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

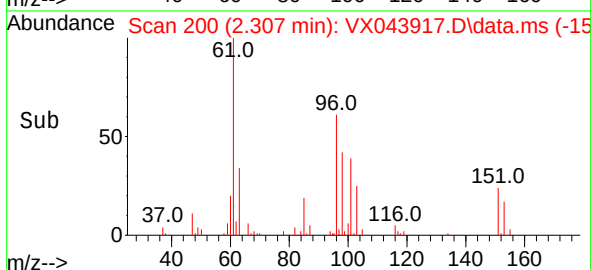
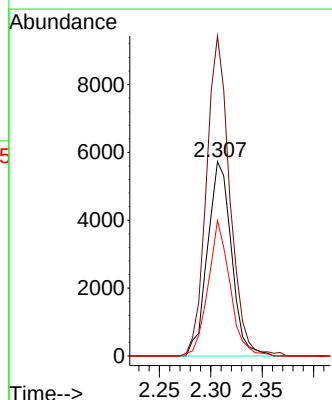
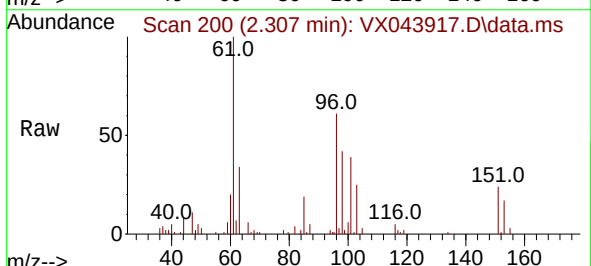
Tgt Ion: 96 Resp: 9267

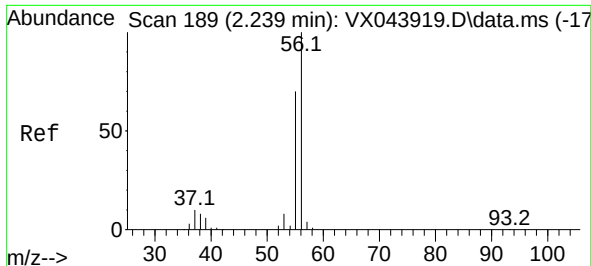
Ion Ratio Lower Upper

96 100

61 164.6 124.6 187.0

98 69.6 49.0 73.6

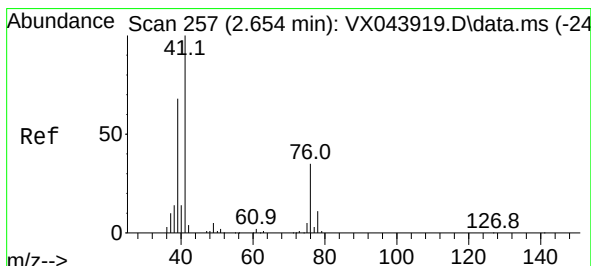
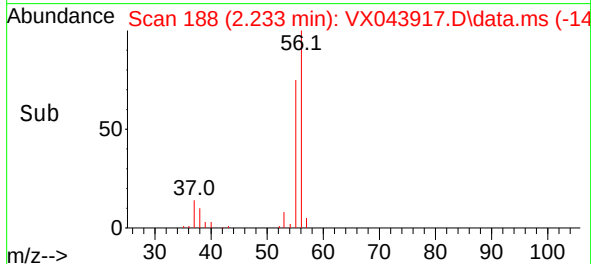
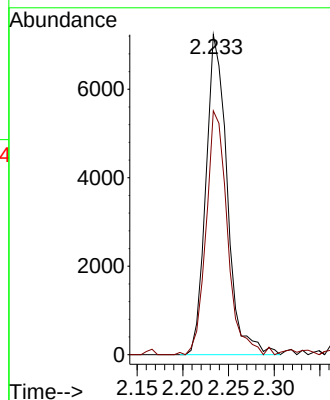
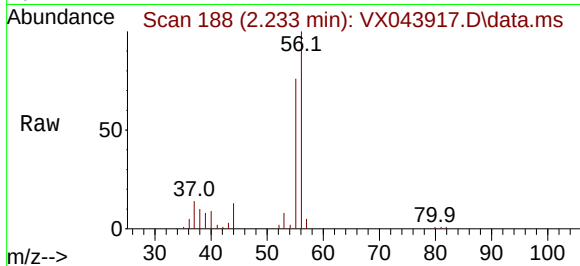




#13
Acrolein
Concen: 22.474 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

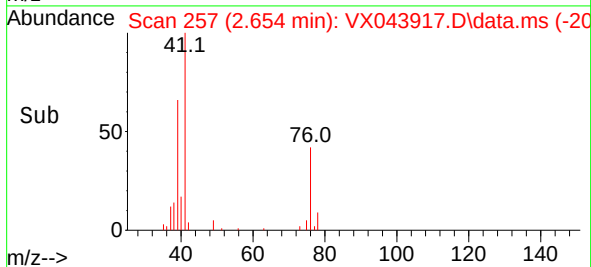
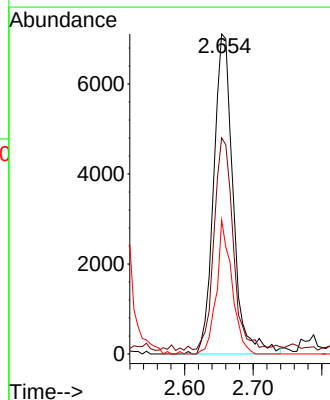
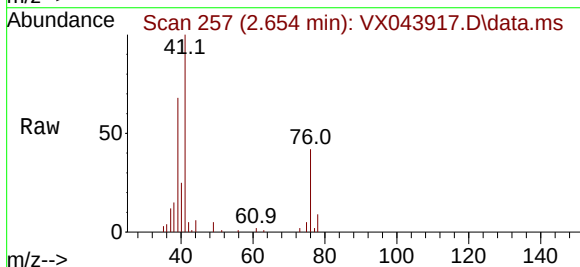
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

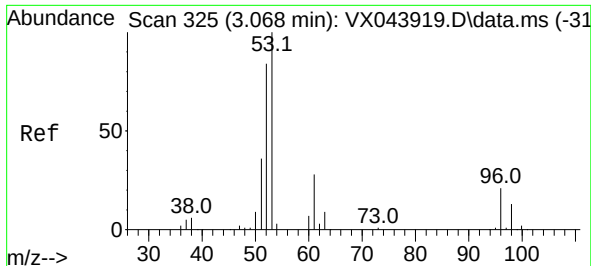
Tgt Ion: 56 Resp: 11711
Ion Ratio Lower Upper
56 100
55 75.8 56.1 84.1



#14
Allyl chloride
Concen: 4.371 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 41 Resp: 14027
Ion Ratio Lower Upper
41 100
39 64.0 51.7 77.5
76 33.1 28.2 42.2





#15

Acrylonitrile

Concen: 23.091 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

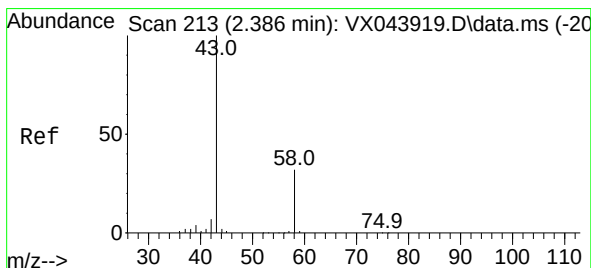
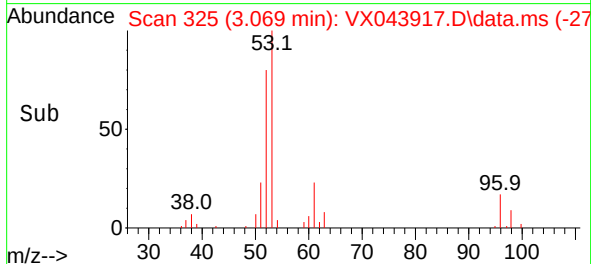
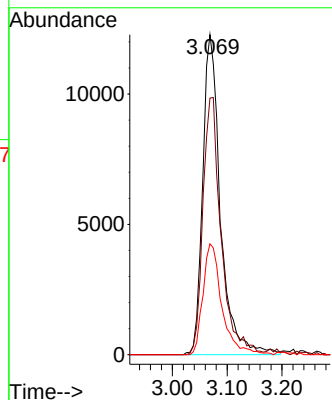
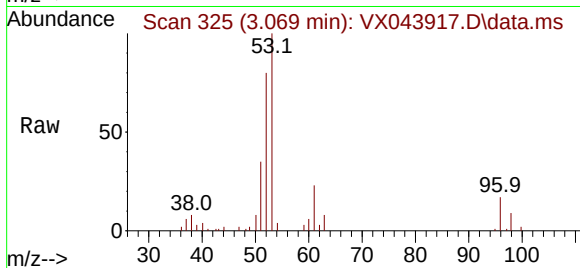
Tgt Ion: 53 Resp: 27618

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.8

51 37.0 28.6 42.8



#16

Acetone

Concen: 23.374 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX043917.D

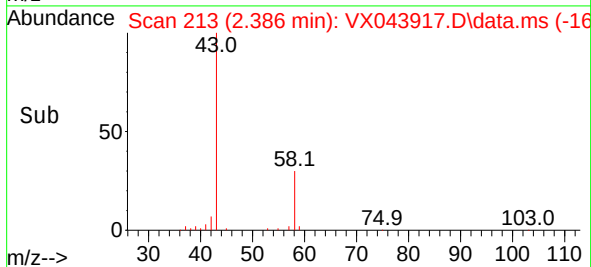
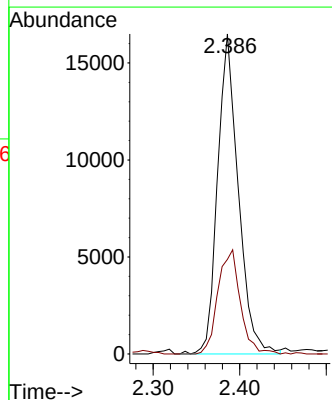
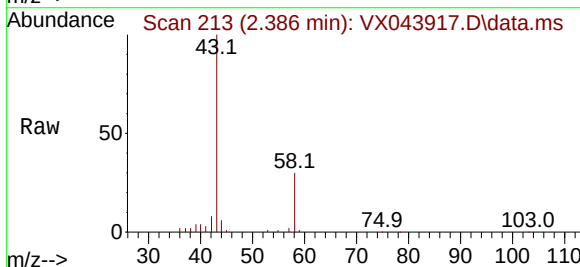
Acq: 20 Nov 2024 16:57

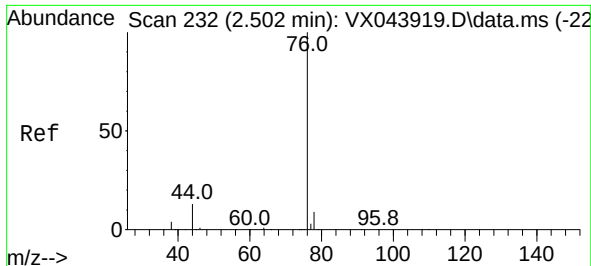
Tgt Ion: 43 Resp: 27431

Ion Ratio Lower Upper

43 100

58 29.6 25.8 38.6





#17

Carbon Disulfide

Concen: 3.725 ug/l

RT: 2.502 min Scan# 24

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

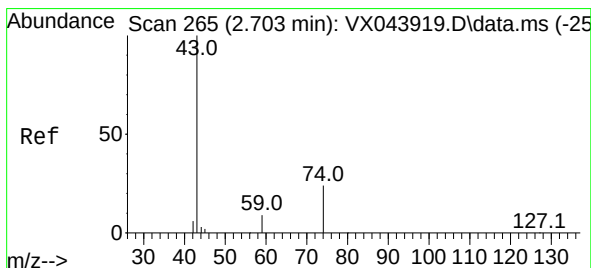
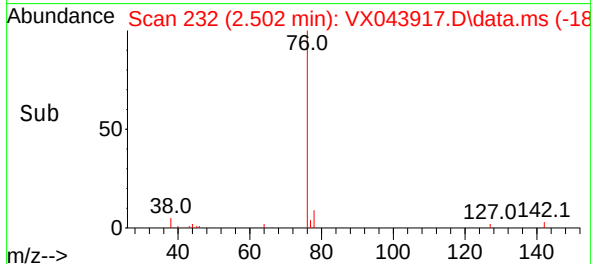
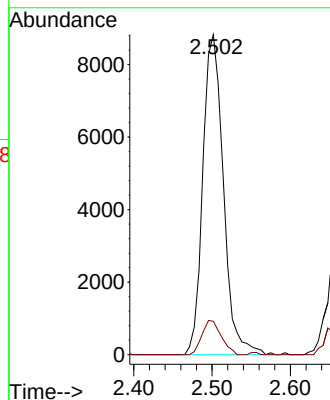
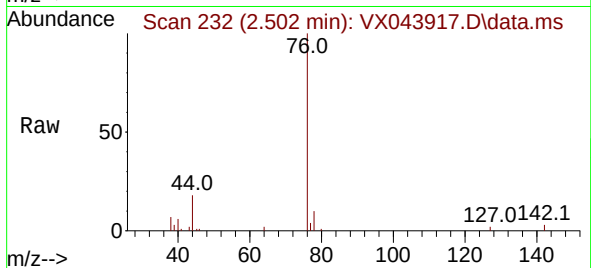
VSTDICC005

Tgt Ion: 76 Resp: 16097

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9



#18

Methyl Acetate

Concen: 4.543 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX043917.D

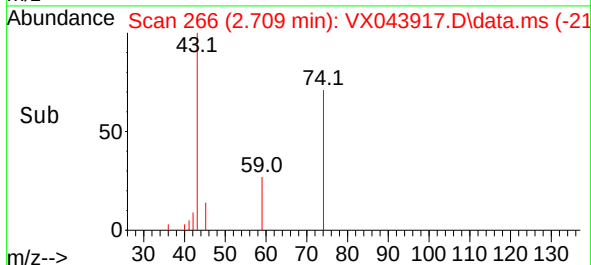
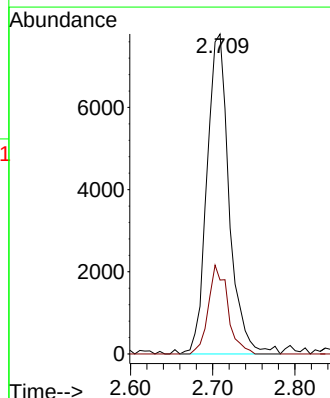
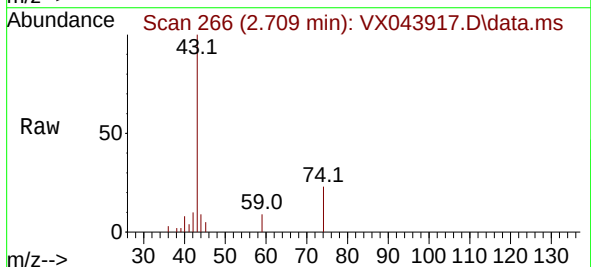
Acq: 20 Nov 2024 16:57

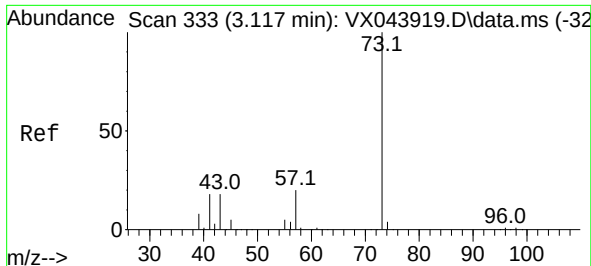
Tgt Ion: 43 Resp: 14600

Ion Ratio Lower Upper

43 100

74 24.3 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 4.629 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

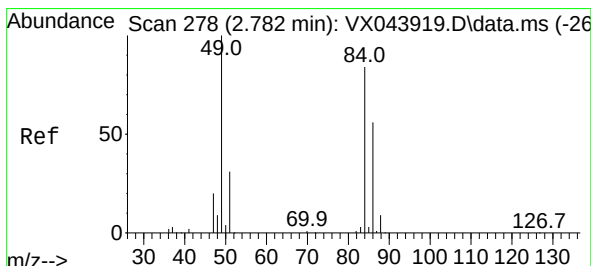
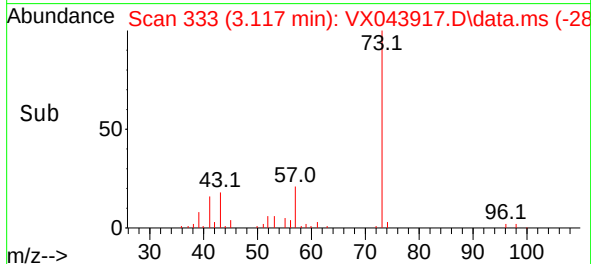
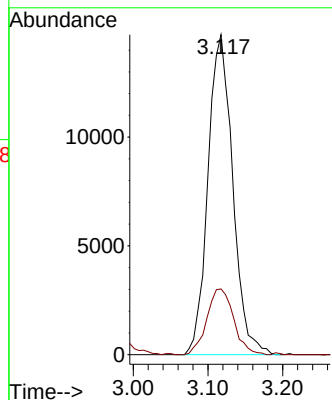
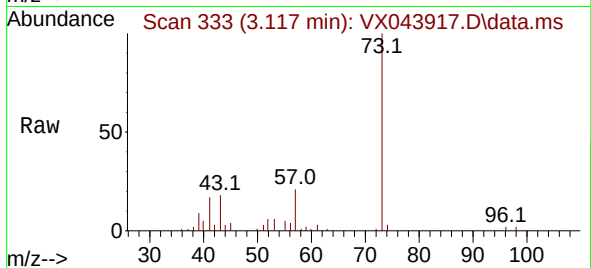
VSTDIC005

Tgt Ion: 73 Resp: 33867

Ion Ratio Lower Upper

73 100

57 20.6 16.4 24.6



#20

Methylene Chloride

Concen: 4.844 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Tgt Ion: 84 Resp: 11900

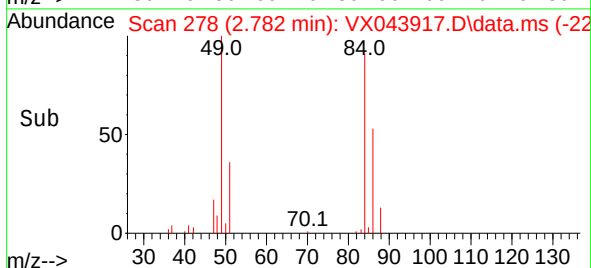
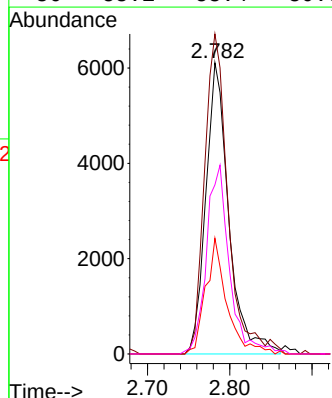
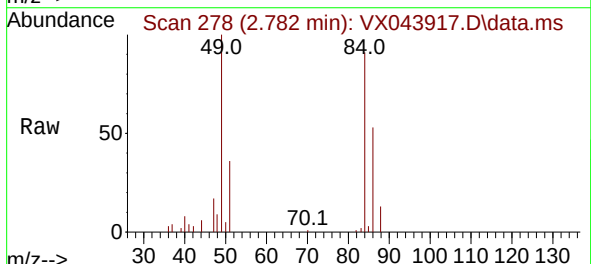
Ion Ratio Lower Upper

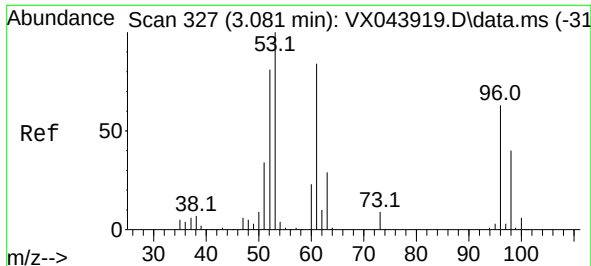
84 100

49 109.9 95.1 142.7

51 39.7 29.2 43.8

86 58.1 53.4 80.0

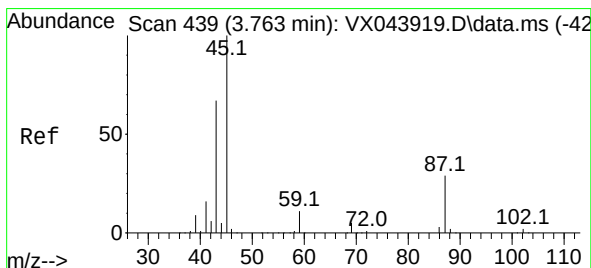
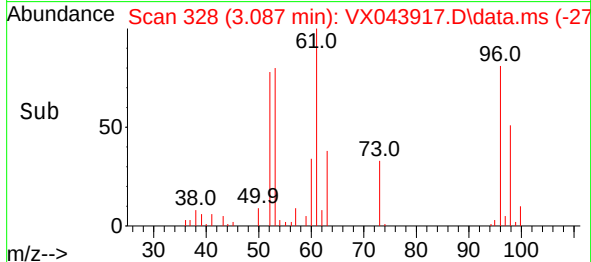
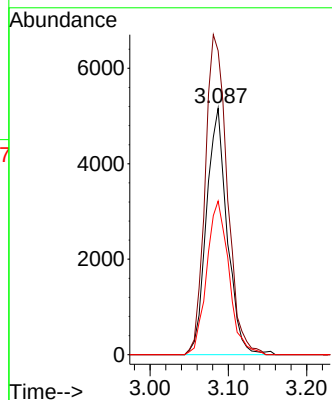
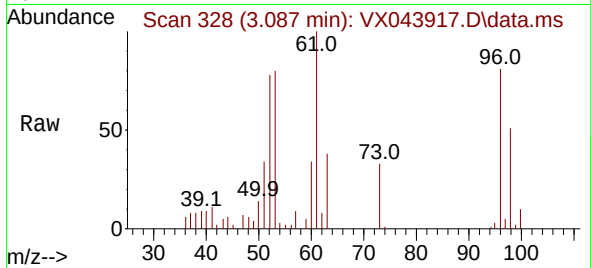




#21
trans-1,2-Dichloroethene
Concen: 4.408 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

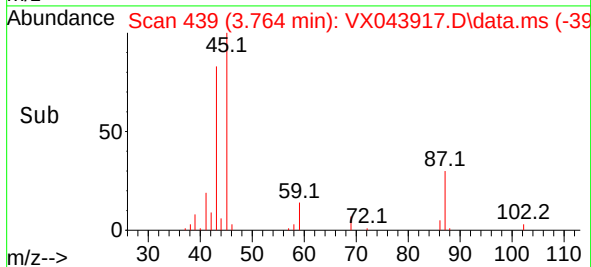
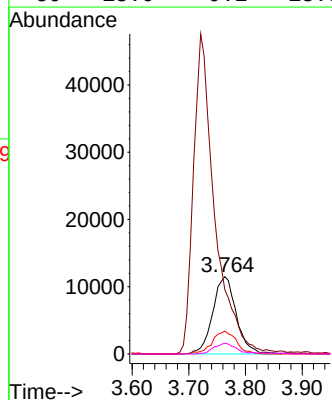
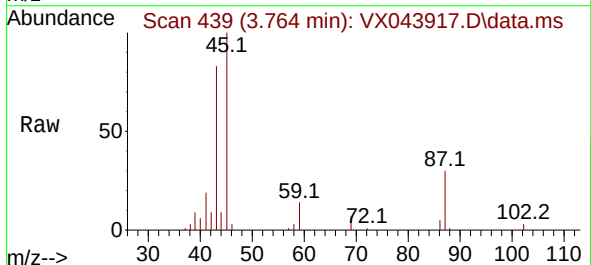
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

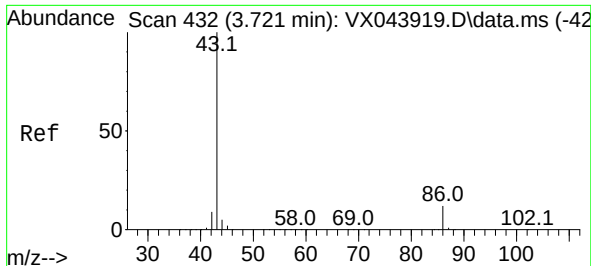
Tgt Ion: 96 Resp: 9511
Ion Ratio Lower Upper
96 100
61 123.4 106.4 159.6
98 62.3 50.9 76.3



#22
Diisopropyl ether
Concen: 4.725 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 45 Resp: 33123
Ion Ratio Lower Upper
45 100
43 80.6 53.8 80.6
87 29.5 23.4 35.2
59 13.9 9.2 13.8#

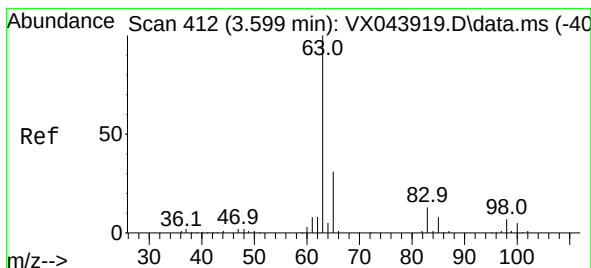
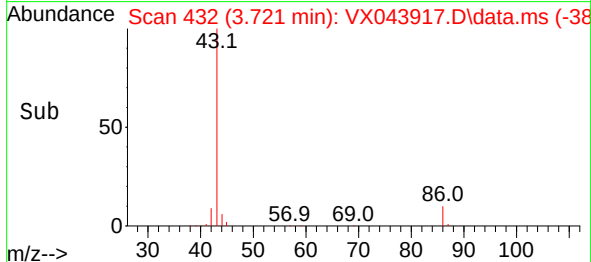
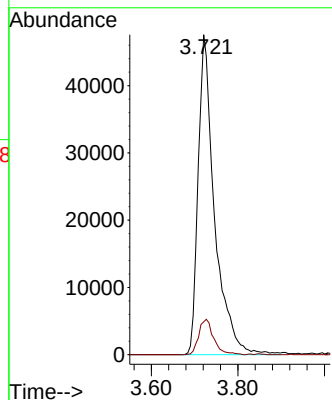
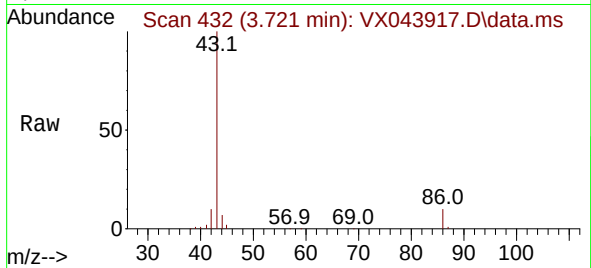




#23
 Vinyl Acetate
 Concen: 22.035 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX043917.D
 Acq: 20 Nov 2024 16:57

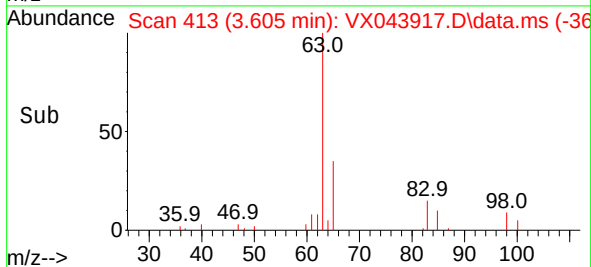
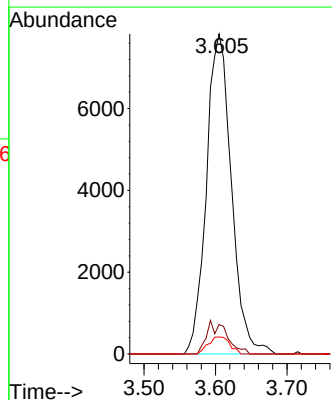
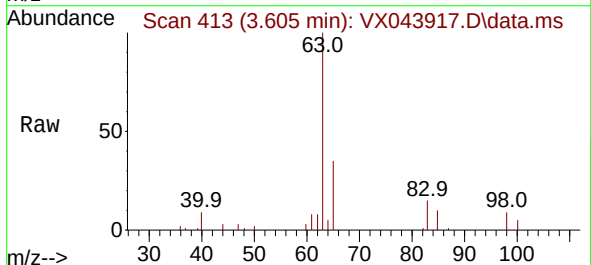
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

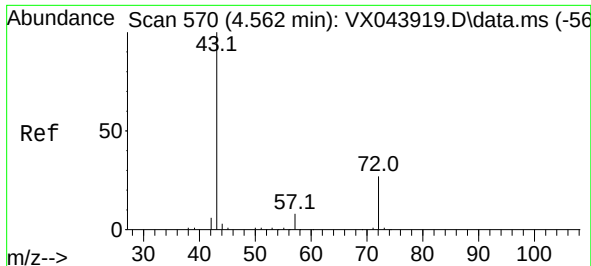
Tgt Ion: 43 Resp: 125213
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 4.608 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX043917.D
 Acq: 20 Nov 2024 16:57

Tgt Ion: 63 Resp: 19000
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.7 11.1
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 23.321 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

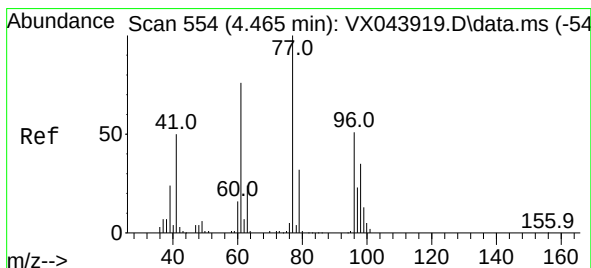
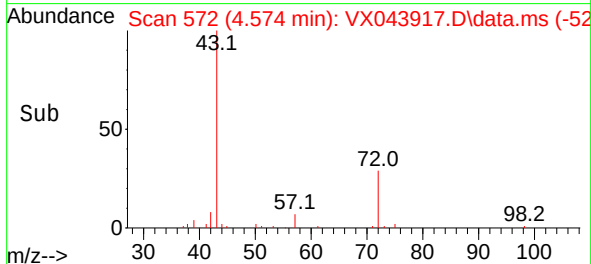
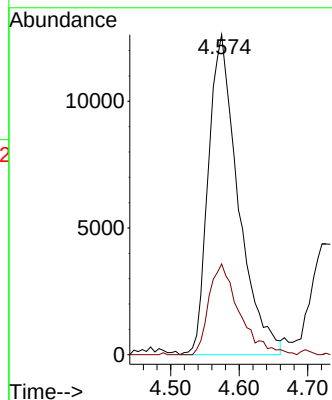
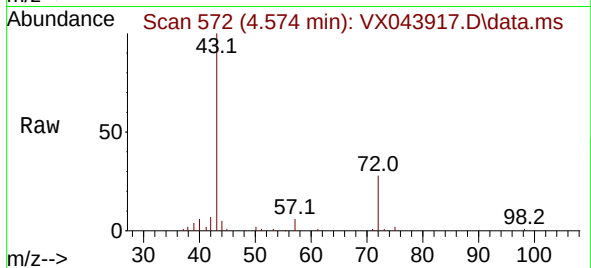
VSTDIC005

Tgt Ion: 43 Resp: 38287

Ion Ratio Lower Upper

43 100

72 28.4 21.3 31.9



#26

2,2-Dichloropropane

Concen: 4.585 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX043917.D

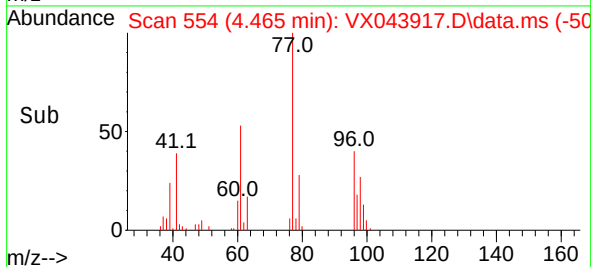
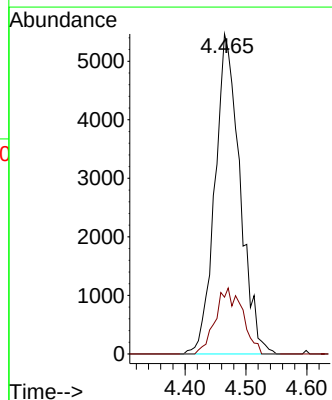
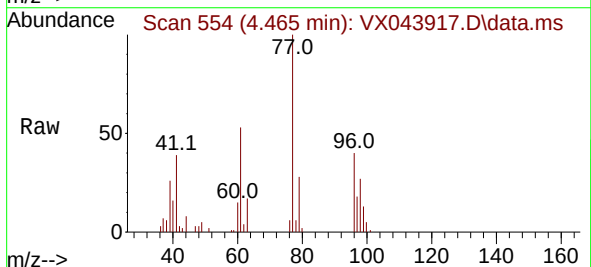
Acq: 20 Nov 2024 16:57

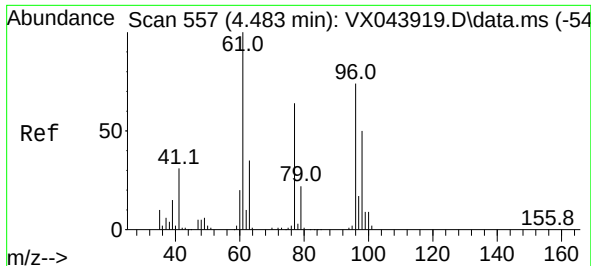
Tgt Ion: 77 Resp: 15535

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.1

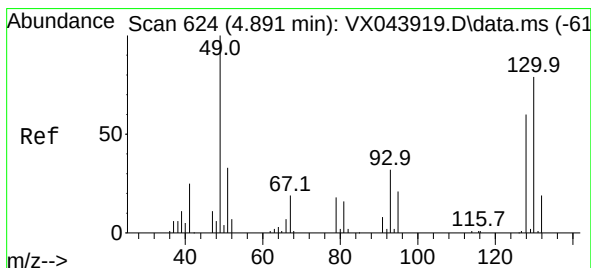
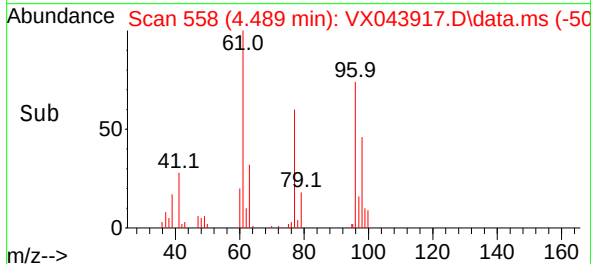
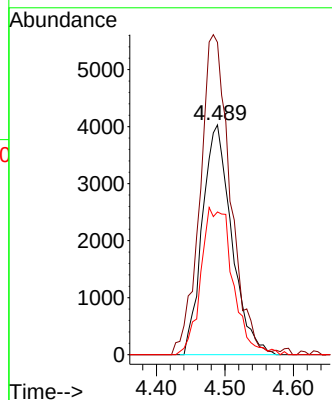
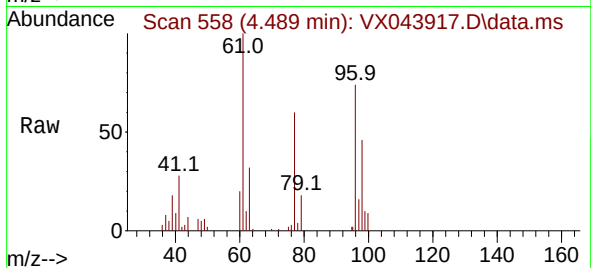




#27
 cis-1,2-Dichloroethene
 Concen: 4.466 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX043917.D
 Acq: 20 Nov 2024 16:57

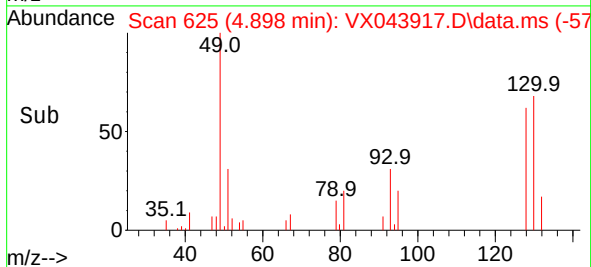
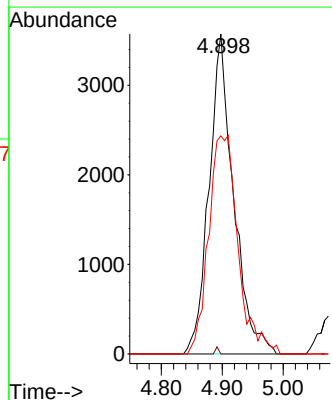
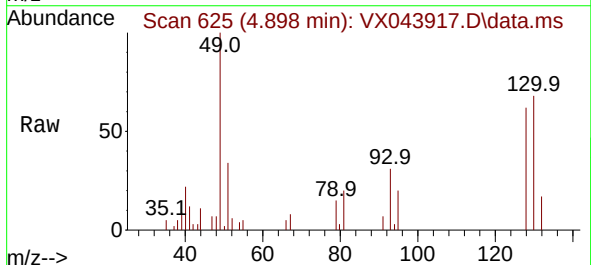
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

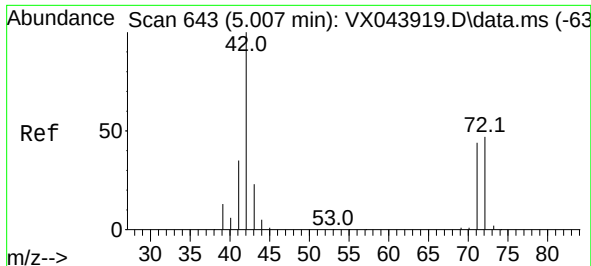
Tgt Ion: 96 Resp: 11992
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 279.4
 98 69.7 0.0 131.6



#28
 Bromochloromethane
 Concen: 5.753 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX043917.D
 Acq: 20 Nov 2024 16:57

Tgt Ion: 49 Resp: 9981
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 4.4
 130 81.9 68.2 102.2





#29

Tetrahydrofuran

Concen: 23.738 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

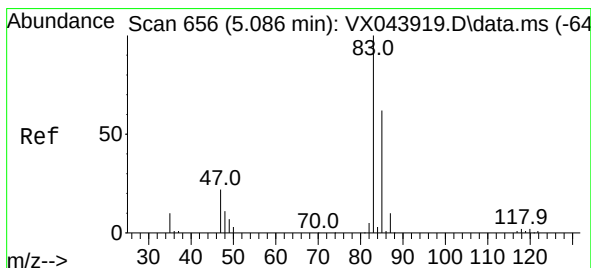
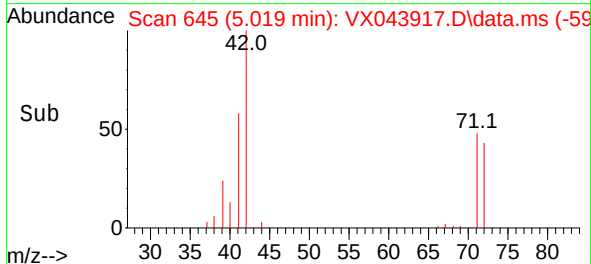
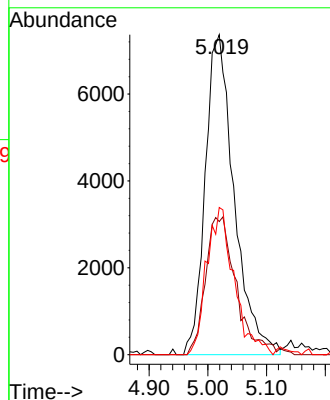
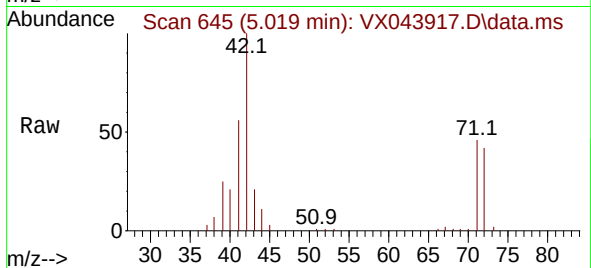
Tgt Ion: 42 Resp: 25182

Ion Ratio Lower Upper

42 100

72 46.1 37.9 56.9

71 43.6 34.8 52.2



#30

Chloroform

Concen: 4.783 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043917.D

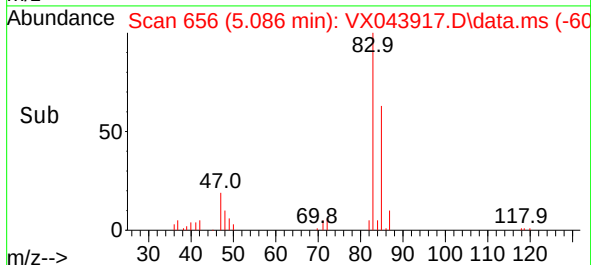
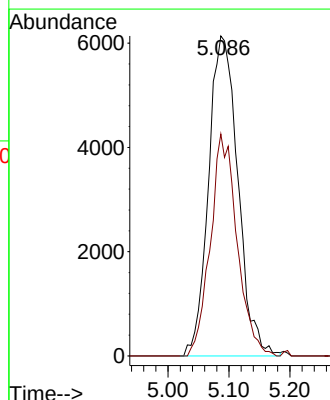
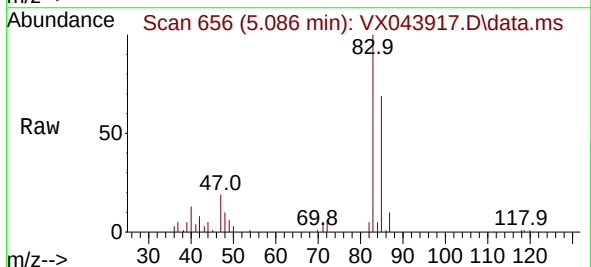
Acq: 20 Nov 2024 16:57

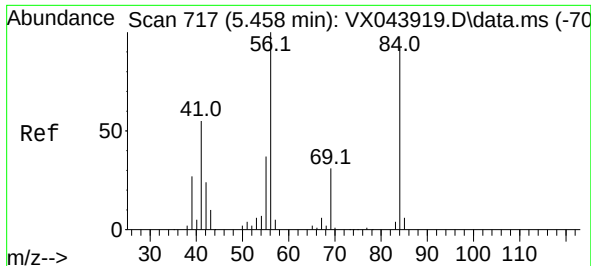
Tgt Ion: 83 Resp: 20555

Ion Ratio Lower Upper

83 100

85 69.4 49.7 74.5

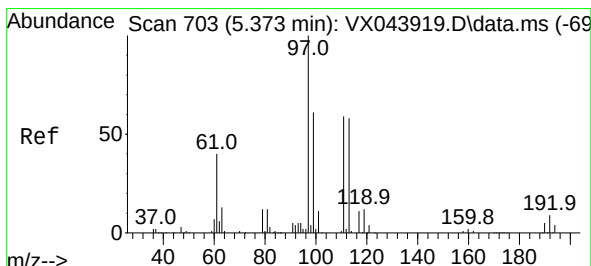
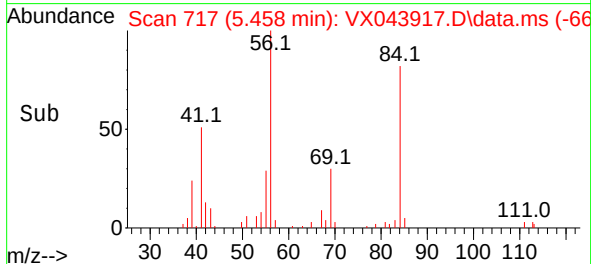
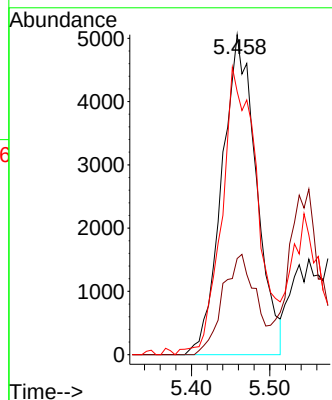
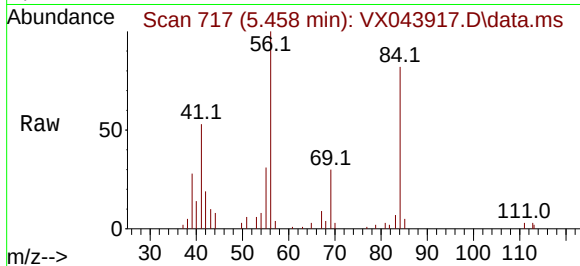




#31
Cyclohexane
Concen: 4.623 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

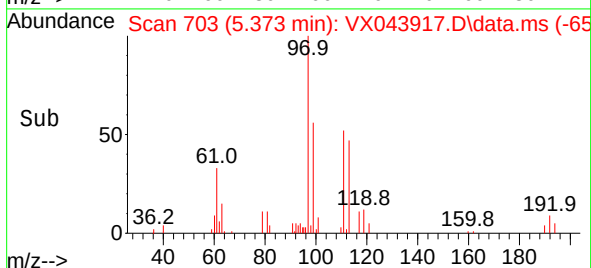
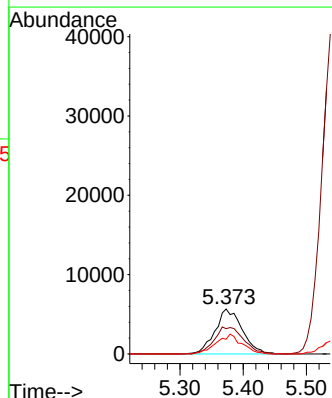
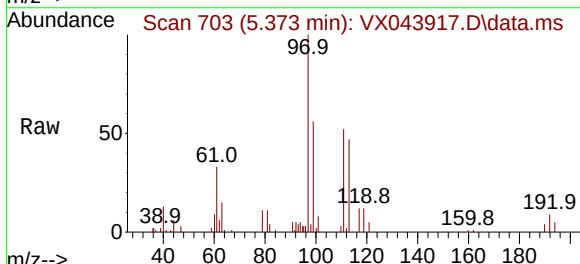
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

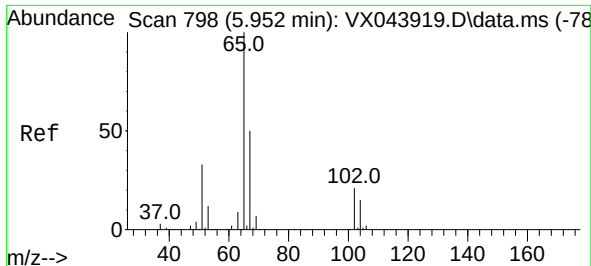
Tgt Ion: 56	Resp:	15449	
Ion Ratio	Lower	Upper	
56	100		
69	30.0	24.9	37.3
84	80.6	73.8	110.6



#32
1,1,1-Trichloroethane
Concen: 4.590 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 97	Resp: 16865
Ion Ratio	Lower Upper
97 100	
99 64.4	51.2 76.8
61 41.2	32.9 49.3

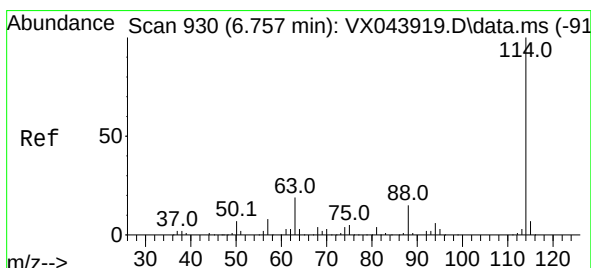
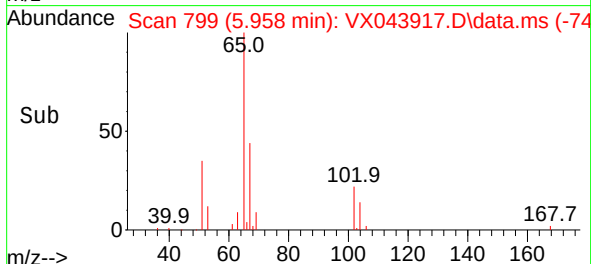
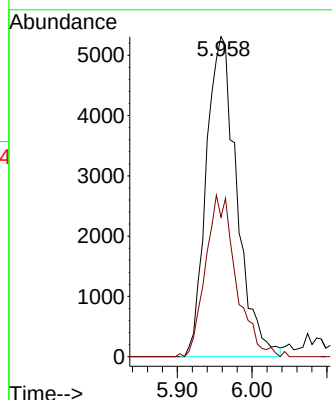
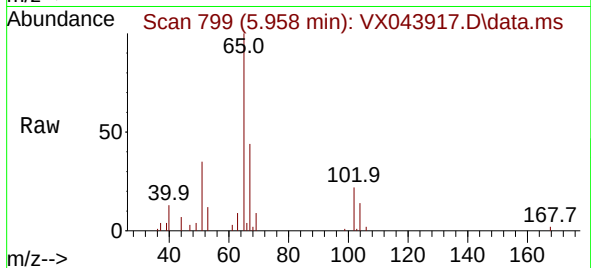




#33
1,2-Dichloroethane-d4
Concen: 5.170 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

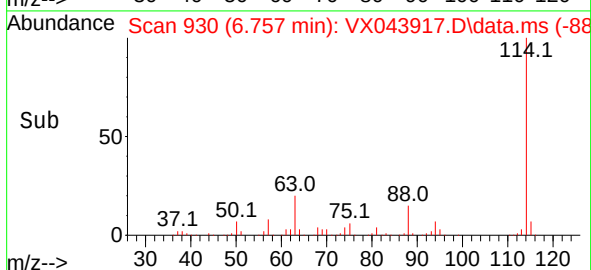
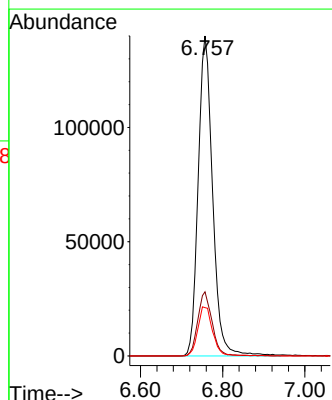
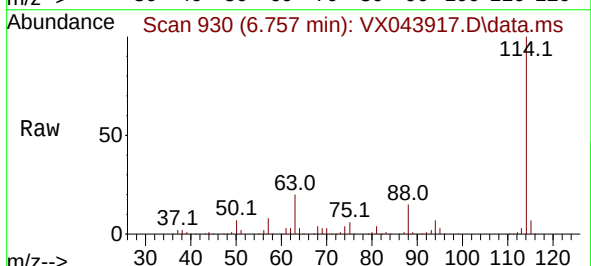
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

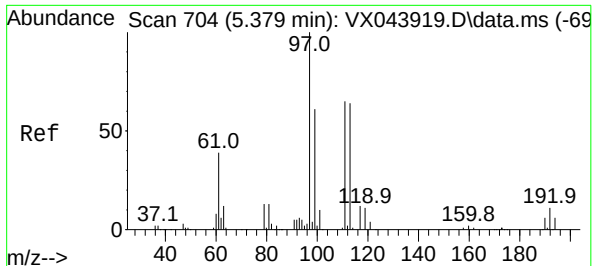
Tgt Ion: 65 Resp: 15105
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 114 Resp: 341382
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 4.880 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.012 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

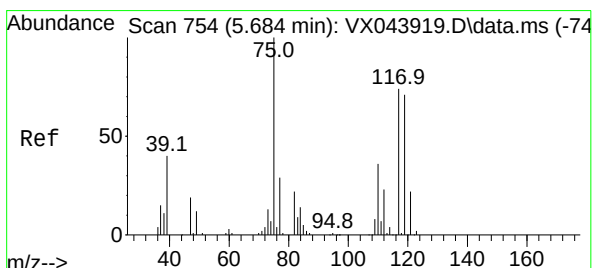
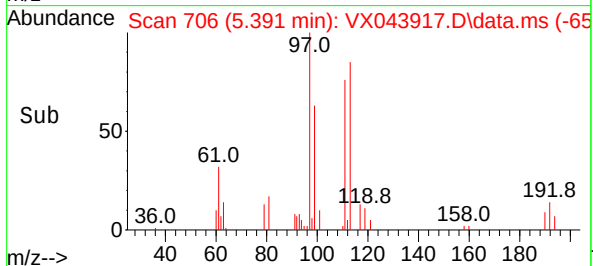
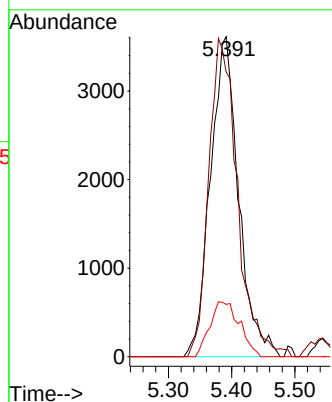
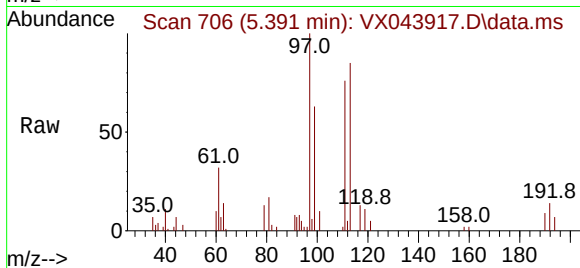
Tgt Ion:113 Resp: 11186

Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.6

192 18.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

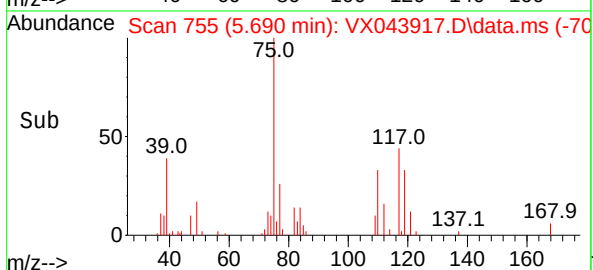
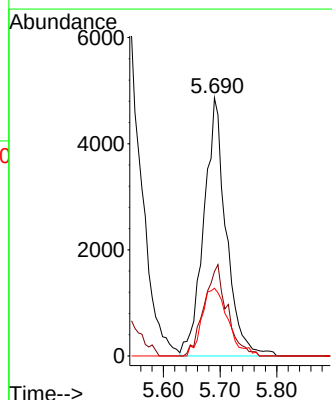
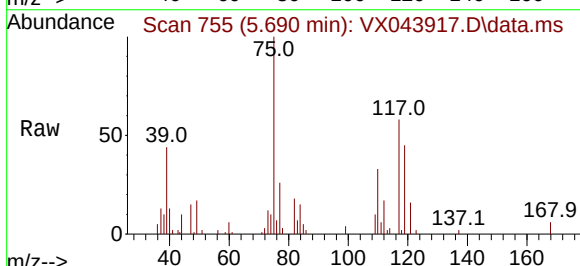
Tgt Ion: 75 Resp: 13316

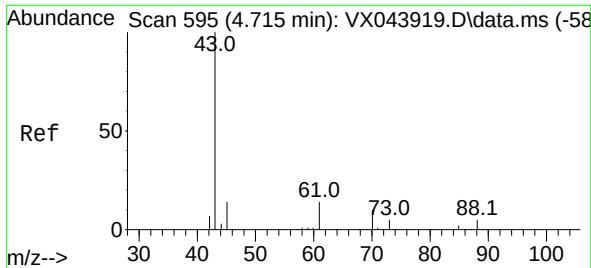
Ion Ratio Lower Upper

75 100

110 36.6 17.5 52.5

77 30.7 24.9 37.3





#37

Ethyl Acetate

Concen: 4.138 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

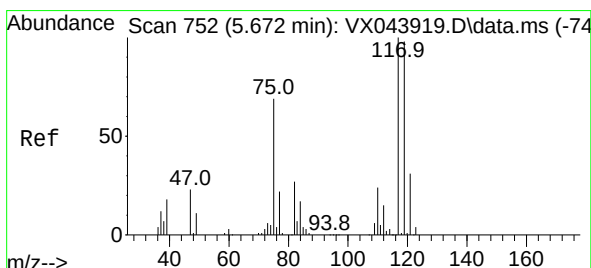
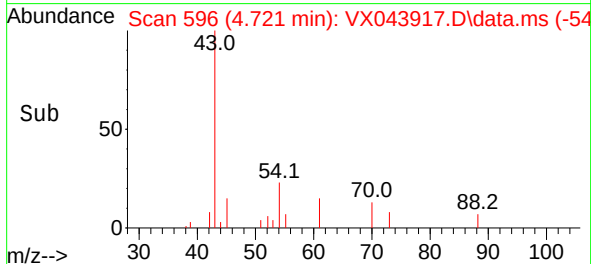
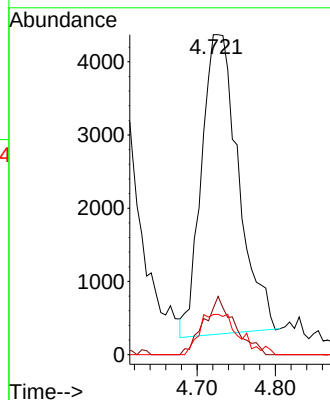
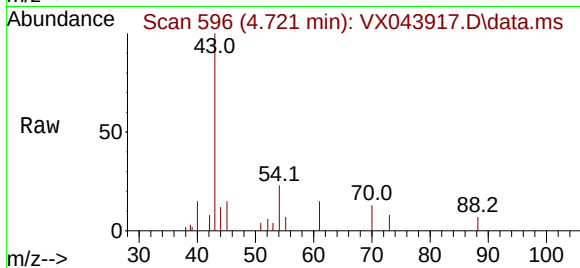
Tgt Ion: 43 Resp: 13434

Ion Ratio Lower Upper

43 100

61 16.2 11.5 17.3

70 14.5 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 4.436 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

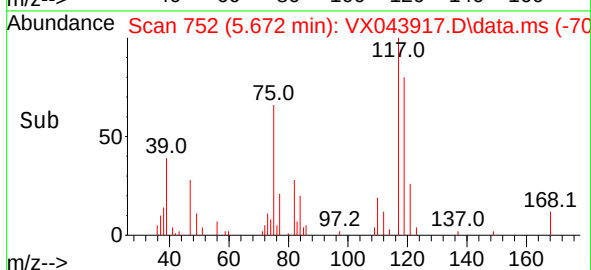
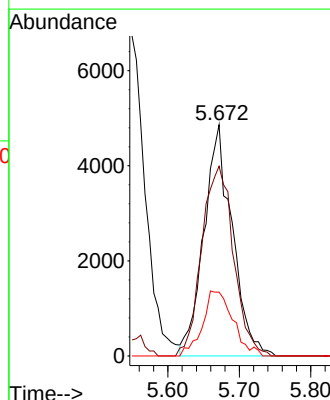
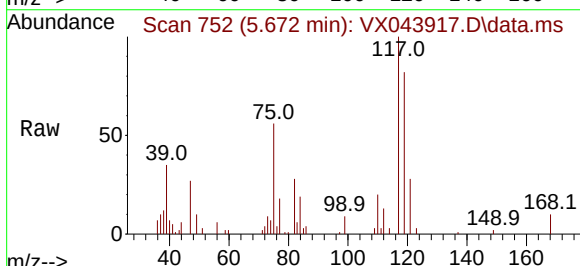
Tgt Ion:117 Resp: 13418

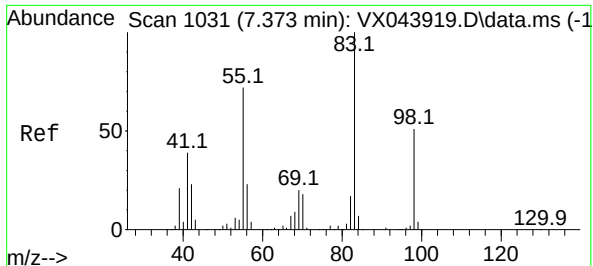
Ion Ratio Lower Upper

117 100

119 82.1 78.3 117.5

121 27.6 25.1 37.7





#39

Methylcyclohexane

Concen: 4.467 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

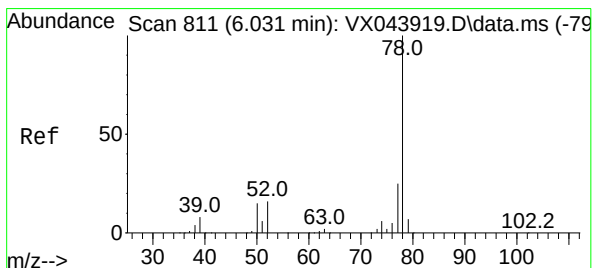
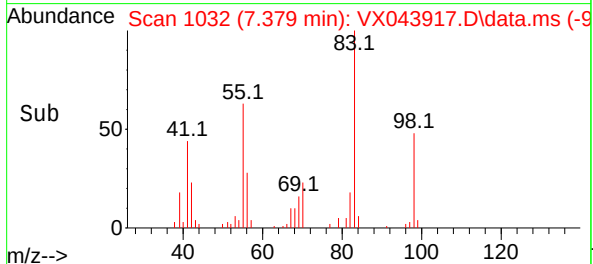
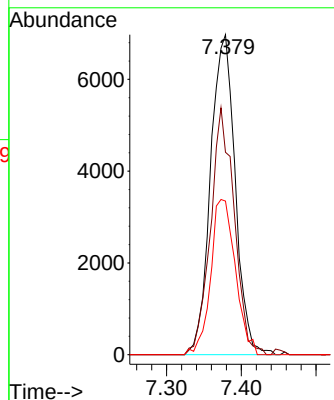
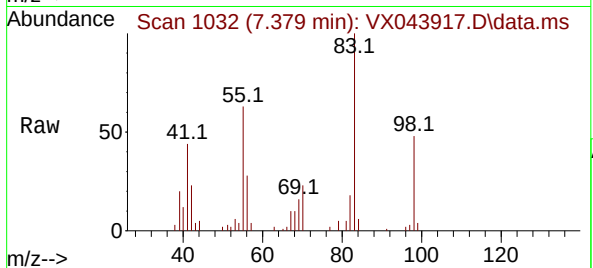
Tgt Ion: 83 Resp: 15977

Ion Ratio Lower Upper

83 100

55 63.2 57.9 86.9

98 48.0 40.5 60.7



#40

Benzene

Concen: 4.621 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX043917.D

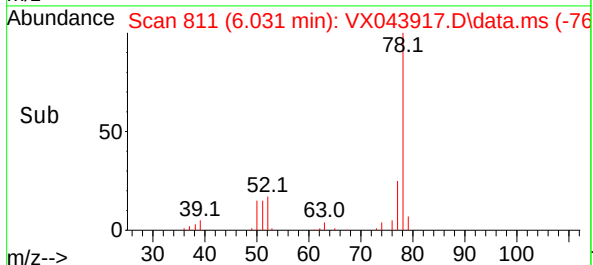
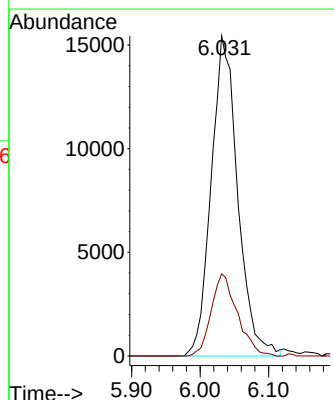
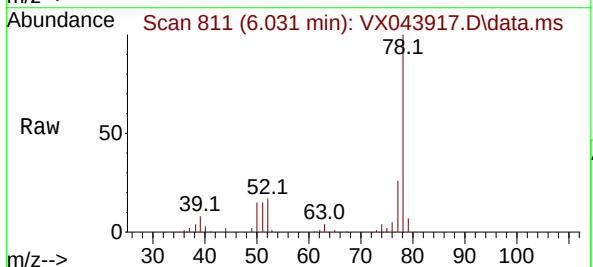
Acq: 20 Nov 2024 16:57

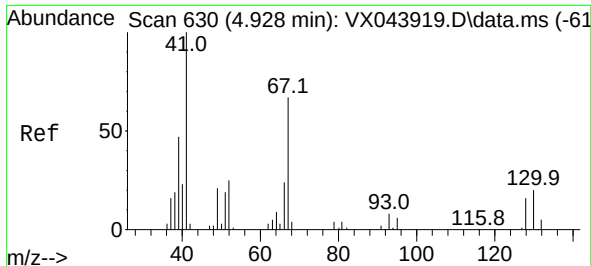
Tgt Ion: 78 Resp: 41509

Ion Ratio Lower Upper

78 100

77 25.7 19.8 29.8

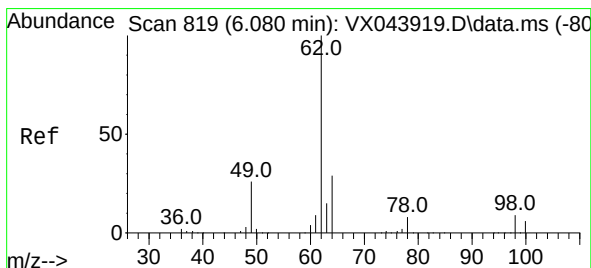
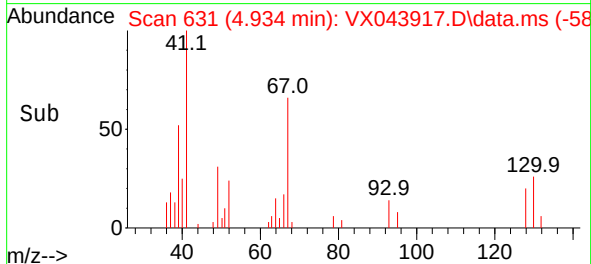
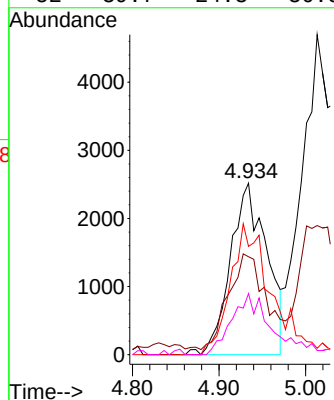
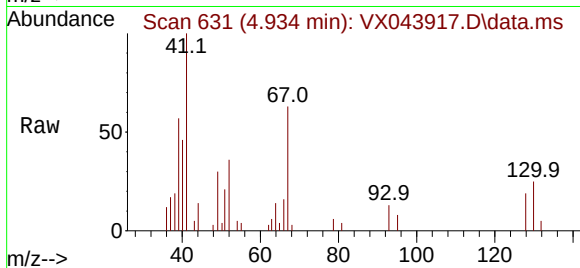




#41
Methacrylonitrile
Concen: 4.389 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

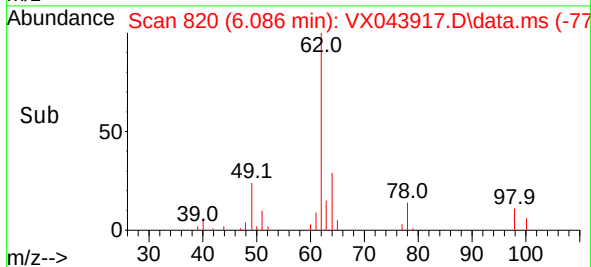
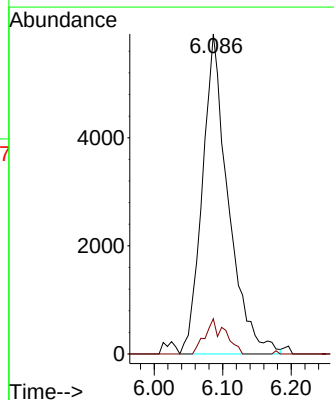
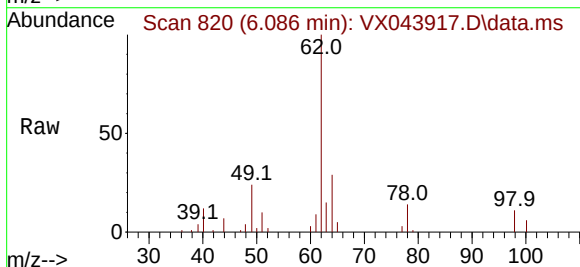
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

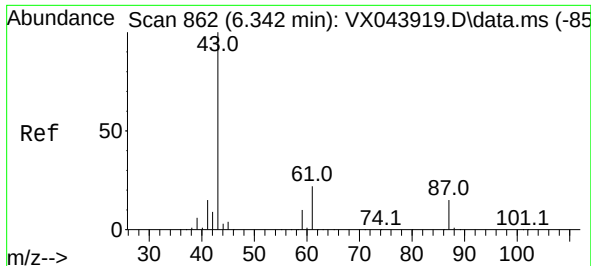
Tgt Ion:	41	Resp:	7354
Ion	Ratio	Lower	Upper
41	100		
39	55.5	41.2	61.8
67	87.1	60.3	90.5
52	39.7	24.3	36.5



#42
1,2-Dichloroethane
Concen: 4.768 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion:	62	Resp:	15551
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.6

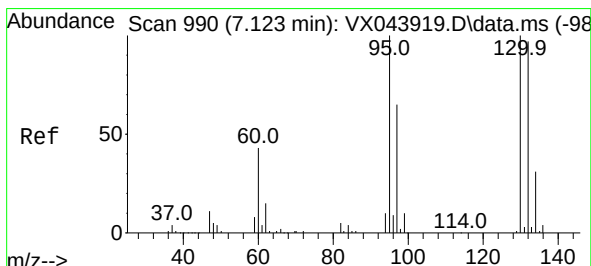
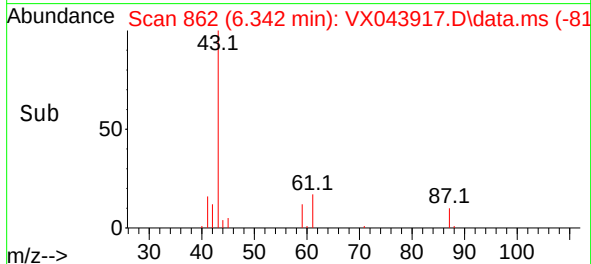
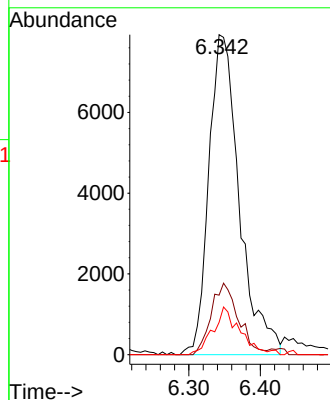
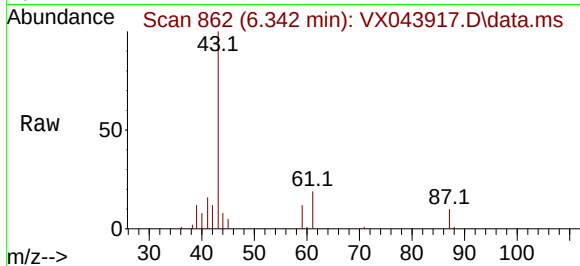




#43
Isopropyl Acetate
Concen: 4.634 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

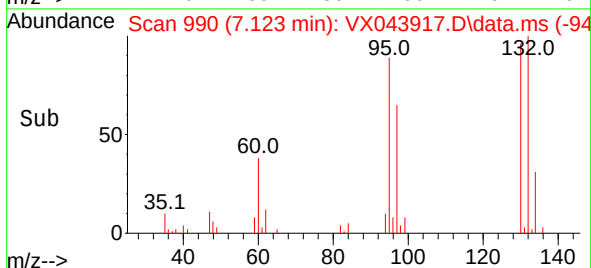
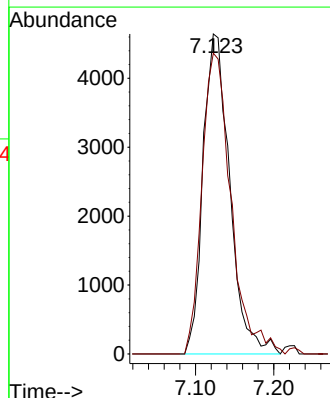
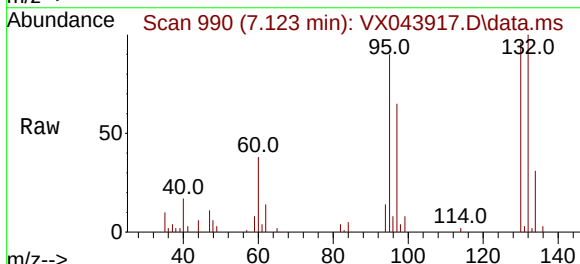
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

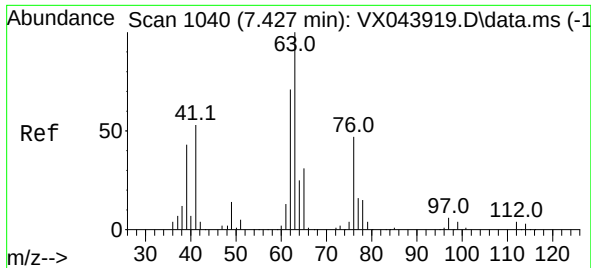
Tgt Ion:	43	Resp:	23505
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.9	25.3
87	13.2	11.9	17.9



#44
Trichloroethene
Concen: 4.446 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion:	130	Resp:	11010
Ion Ratio	Lower	Upper	
130	100		
95	94.0	0.0	200.8





#45

1,2-Dichloropropane

Concen: 4.552 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

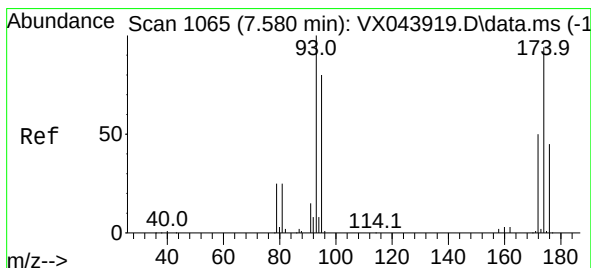
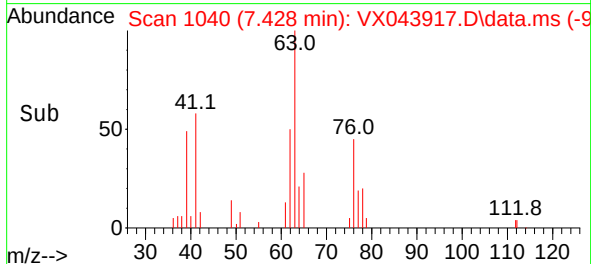
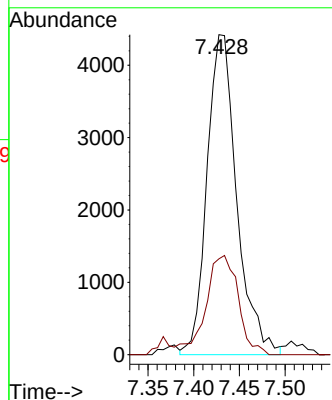
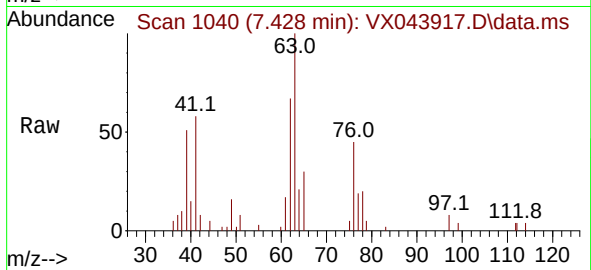
VSTDIC005

Tgt Ion: 63 Resp: 10020

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



#46

Dibromomethane

Concen: 4.334 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

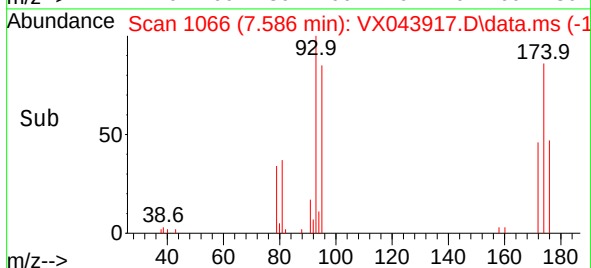
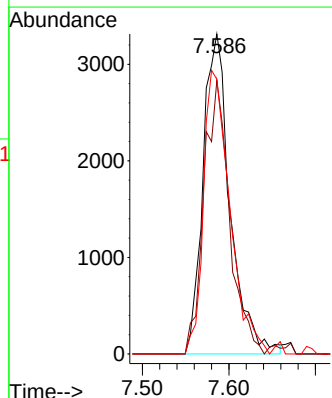
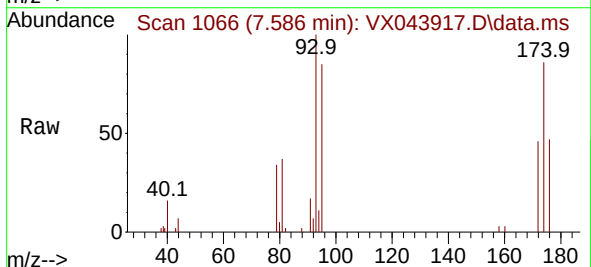
Tgt Ion: 93 Resp: 7189

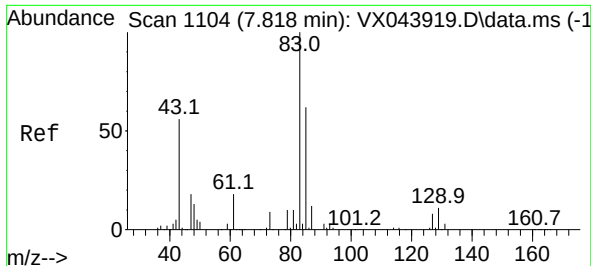
Ion Ratio Lower Upper

93 100

95 81.0 66.1 99.1

174 86.6 75.2 112.8





#47

Bromodichloromethane

Concen: 3.814 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

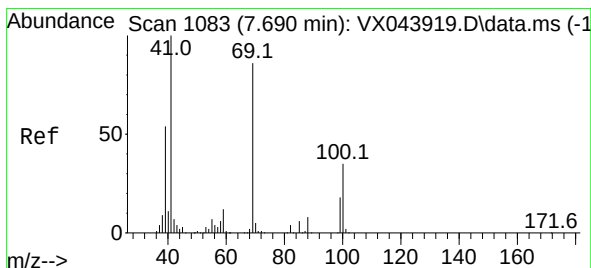
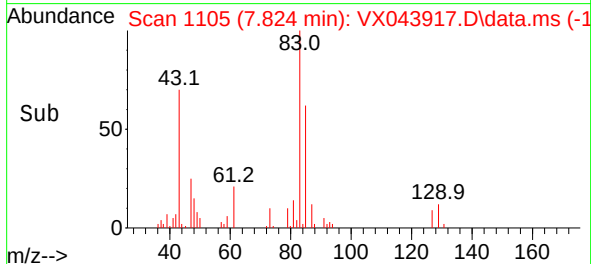
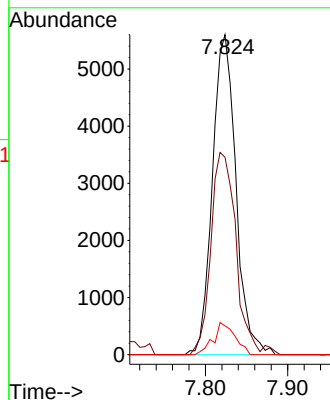
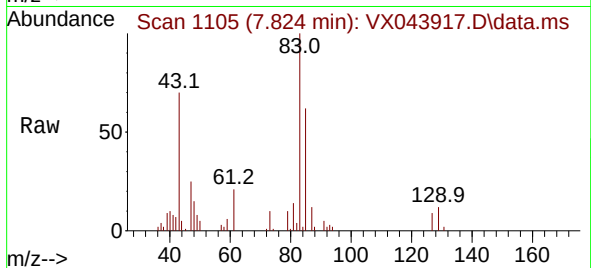
Tgt Ion: 83 Resp: 11116

Ion Ratio Lower Upper

83 100

85 61.7 49.4 74.0

127 9.0 6.2 9.4



#48

Methyl methacrylate

Concen: 4.654 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

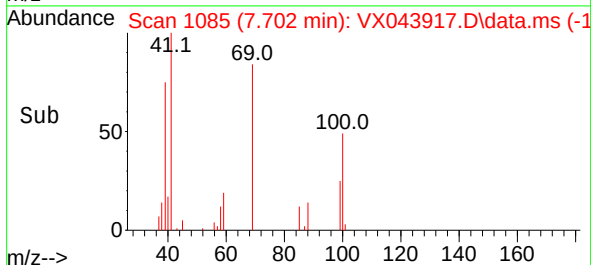
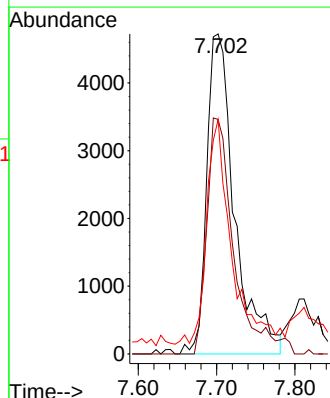
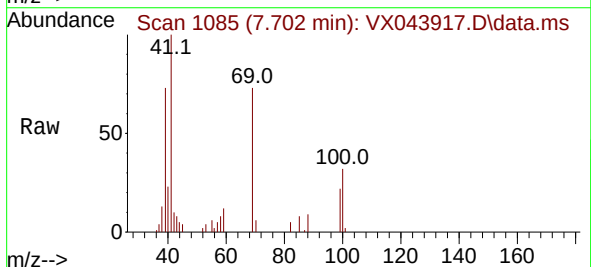
Tgt Ion: 41 Resp: 11701

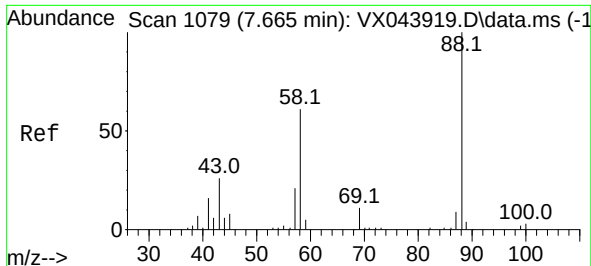
Ion Ratio Lower Upper

41 100

69 71.7 72.1 108.1#

39 61.3 43.8 65.8





#49

1,4-Dioxane

Concen: 50.607 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.018 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

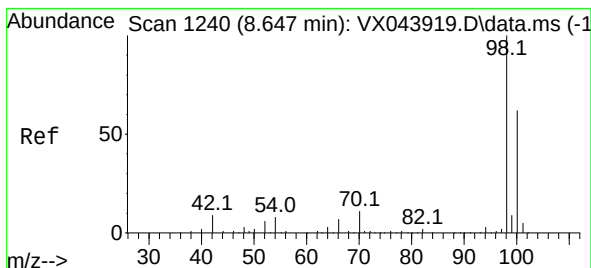
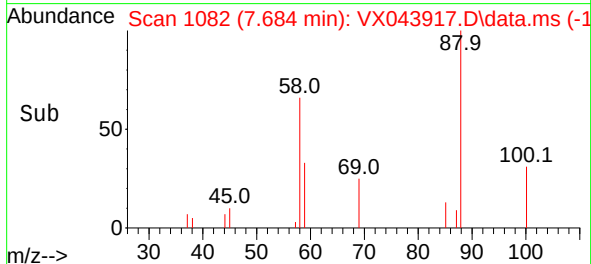
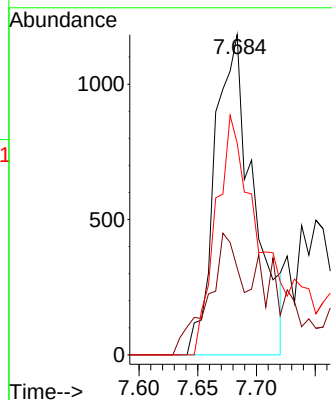
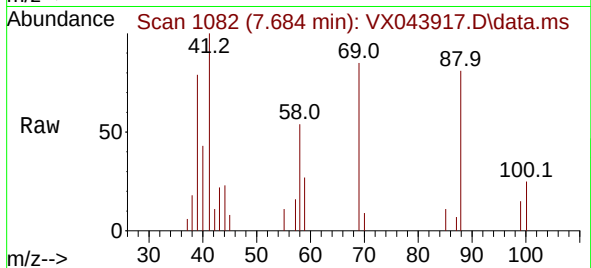
Tgt Ion: 88 Resp: 2702

Ion Ratio Lower Upper

88 100

43 31.3 17.4 26.0#

58 82.3 41.0 61.6#



#50

Toluene-d8

Concen: 4.820 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043917.D

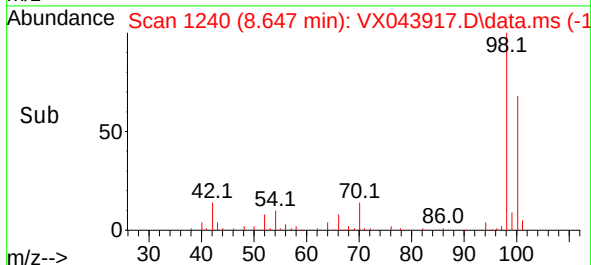
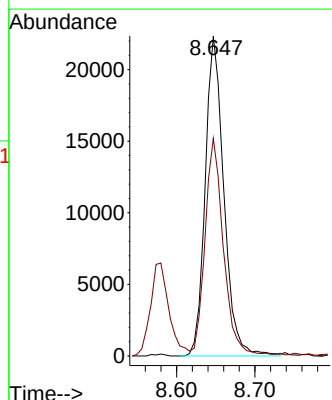
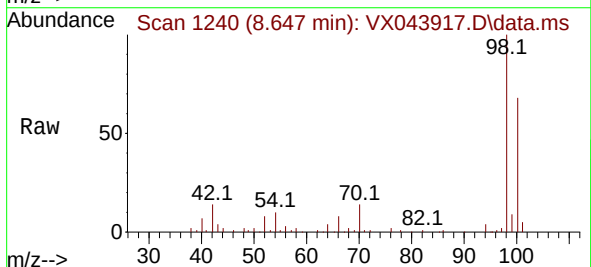
Acq: 20 Nov 2024 16:57

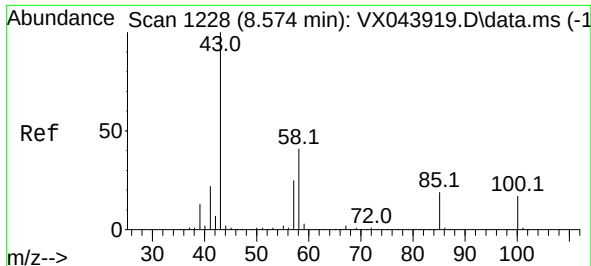
Tgt Ion: 98 Resp: 36910

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6

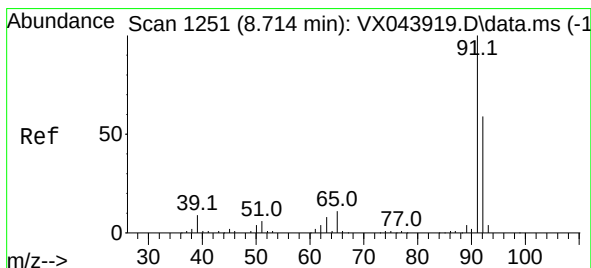
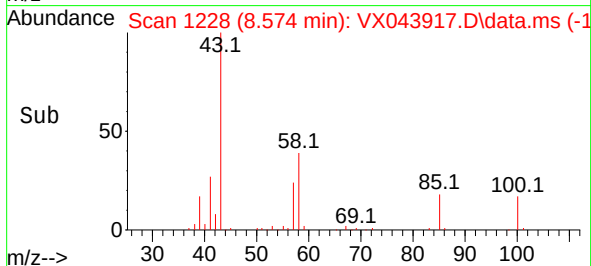
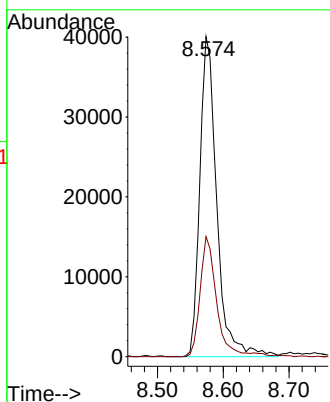
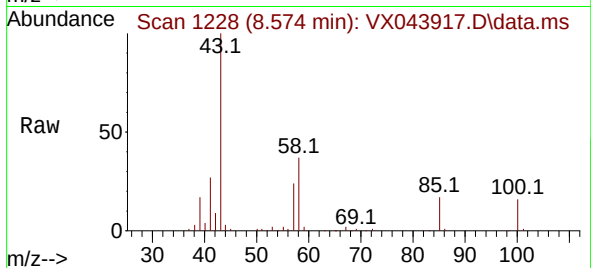




#51
4-Methyl-2-Pentanone
Concen: 22.736 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

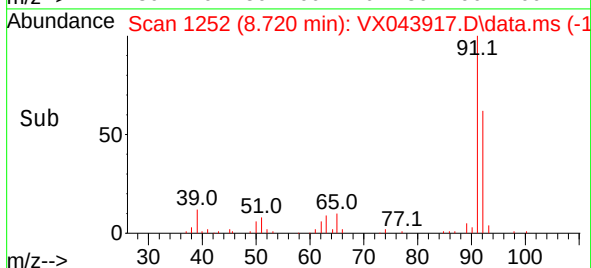
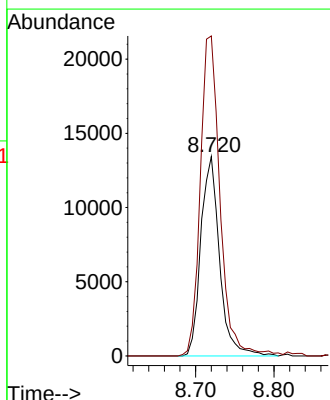
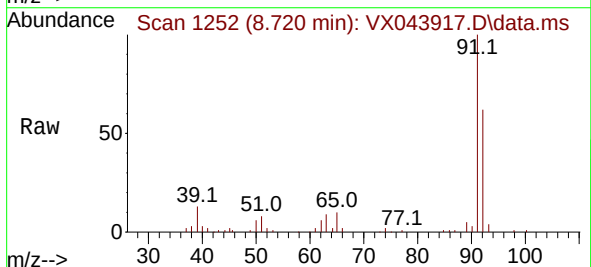
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

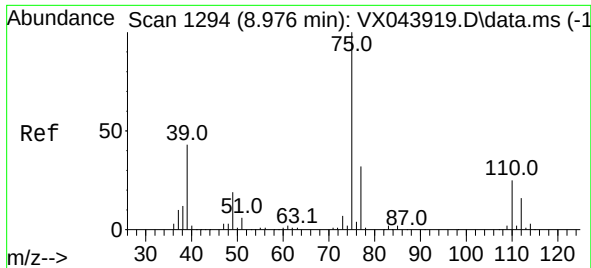
Tgt Ion: 43 Resp: 71906
Ion Ratio Lower Upper
43 100
58 35.8 32.4 48.6



#52
Toluene
Concen: 4.313 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 92 Resp: 22352
Ion Ratio Lower Upper
92 100
91 168.6 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 3.717 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

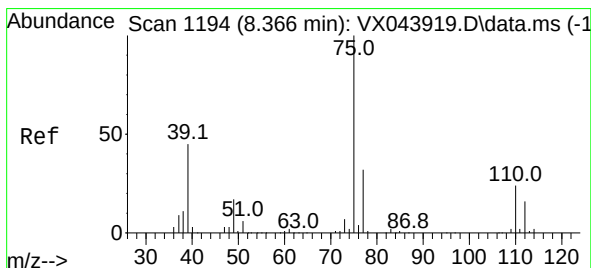
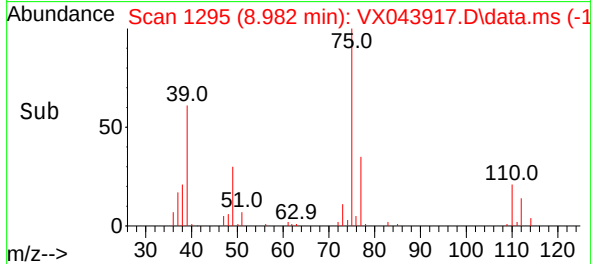
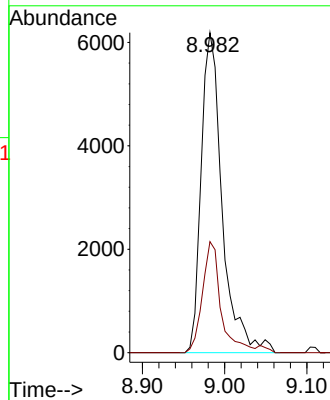
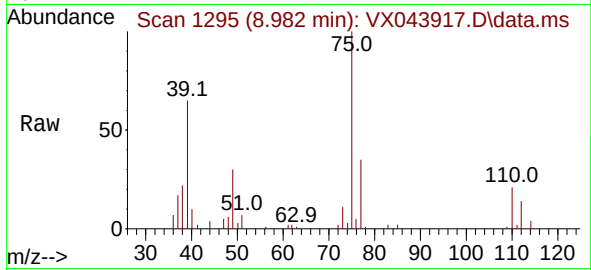
VSTDICC005

Tgt Ion: 75 Resp: 10993

Ion Ratio Lower Upper

75 100

77 34.7 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 3.952 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

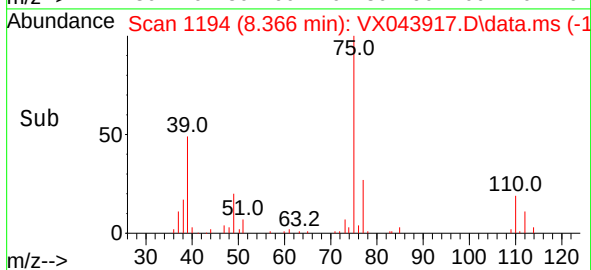
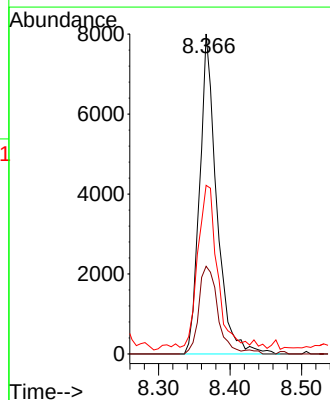
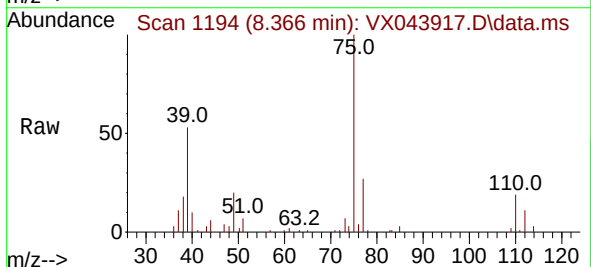
Tgt Ion: 75 Resp: 13245

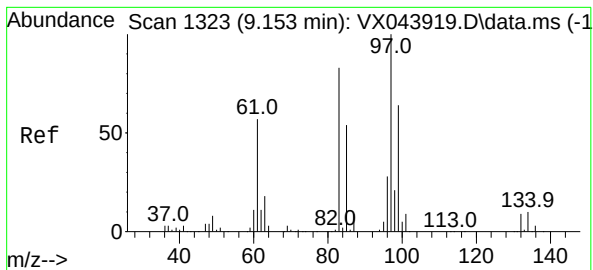
Ion Ratio Lower Upper

75 100

77 27.4 25.4 38.2

39 51.3 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 4.679 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 9461

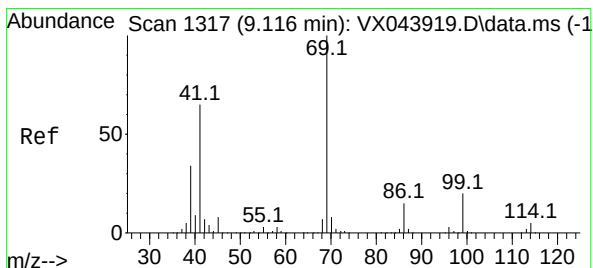
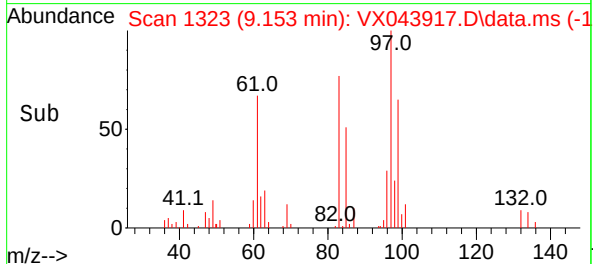
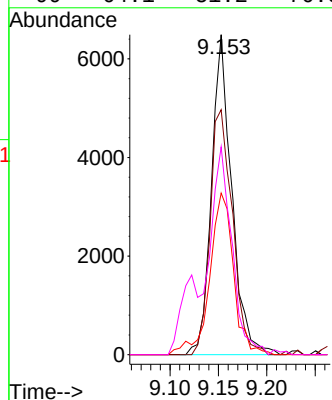
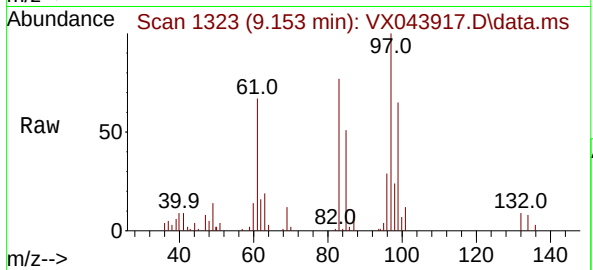
Ion Ratio Lower Upper

97 100

83 76.6 66.5 99.7

85 50.5 43.4 65.2

99 64.1 51.2 76.8



#56

Ethyl methacrylate

Concen: 4.317 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

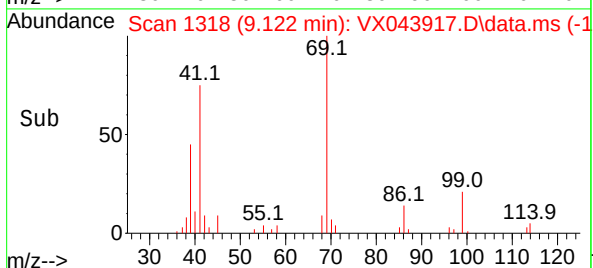
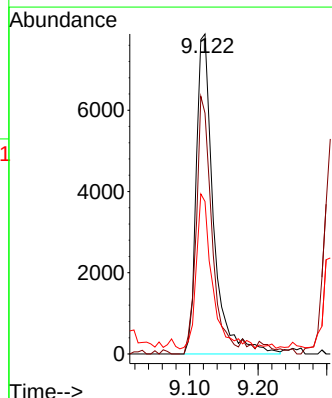
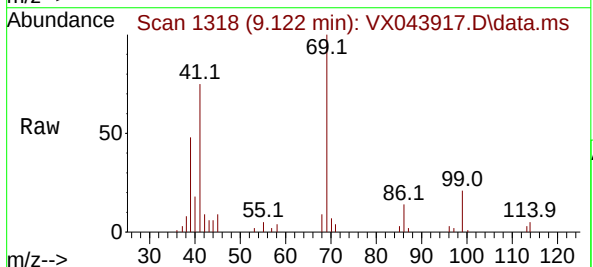
Tgt Ion: 69 Resp: 13819

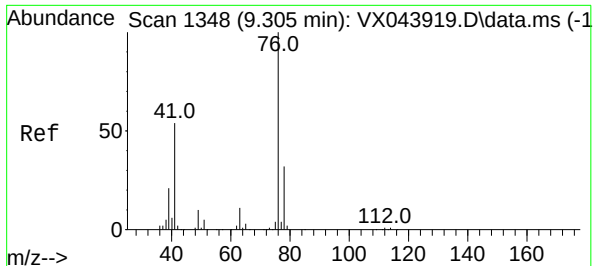
Ion Ratio Lower Upper

69 100

41 72.3 51.7 77.5

39 44.8 26.8 40.2#

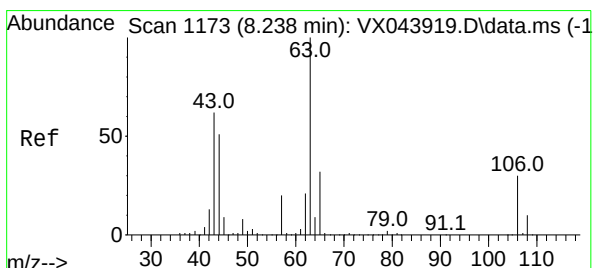
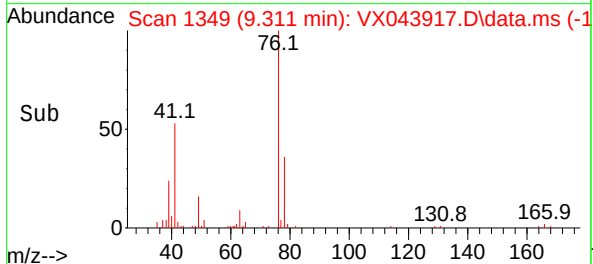
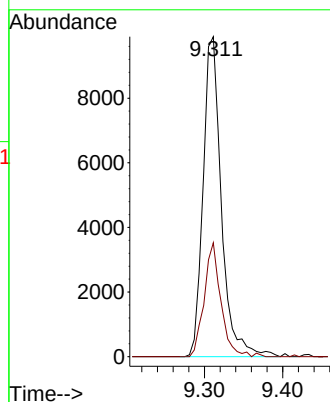
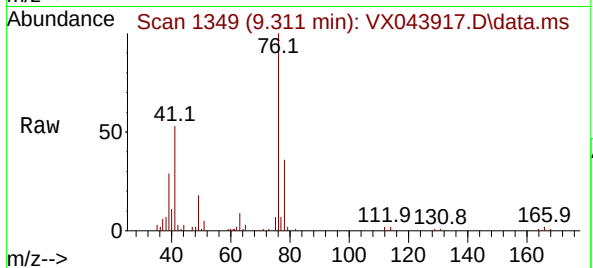




#57
1,3-Dichloropropane
Concen: 4.736 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

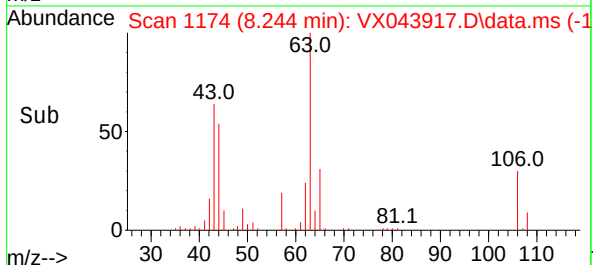
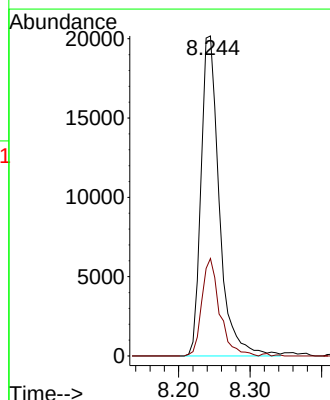
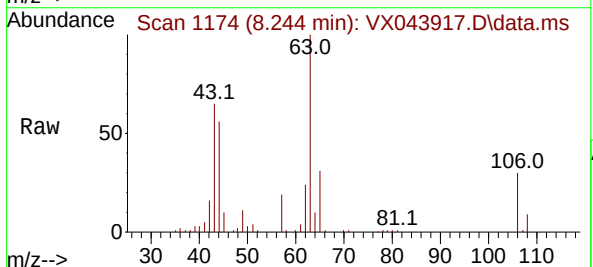
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

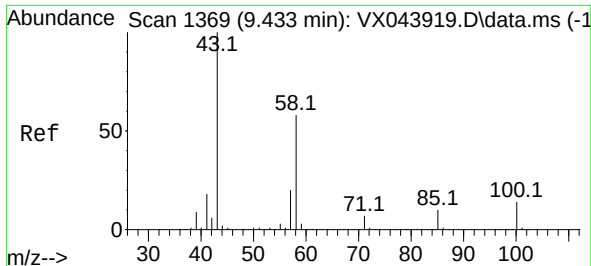
Tgt Ion: 76 Resp: 16043
Ion Ratio Lower Upper
76 100
78 32.7 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 21.361 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 63 Resp: 35860
Ion Ratio Lower Upper
63 100
106 29.7 23.8 35.6





#59

2-Hexanone

Concen: 22.300 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

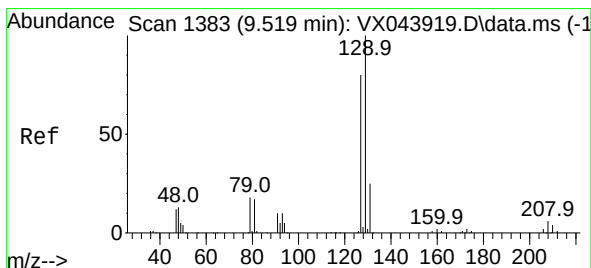
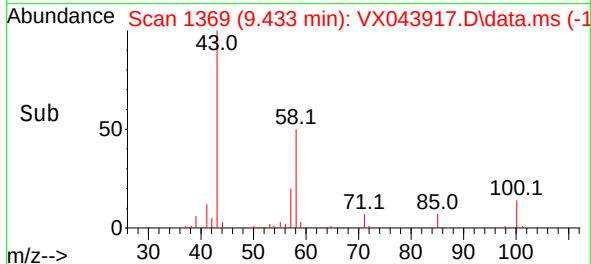
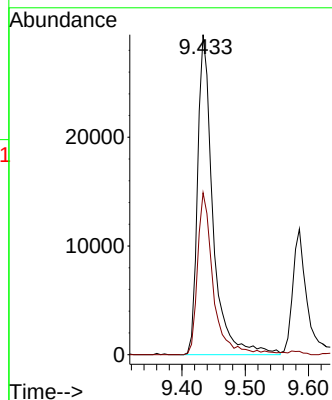
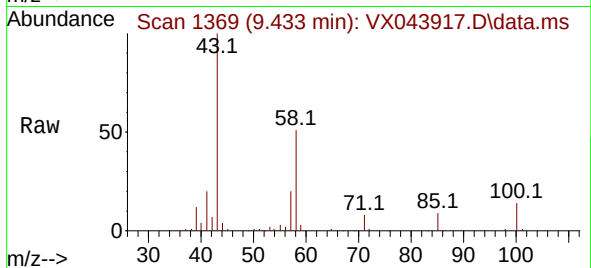
VSTDIC005

Tgt Ion: 43 Resp: 49760

Ion Ratio Lower Upper

43 100

58 50.5 28.3 84.9



#60

Dibromochloromethane

Concen: 4.005 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043917.D

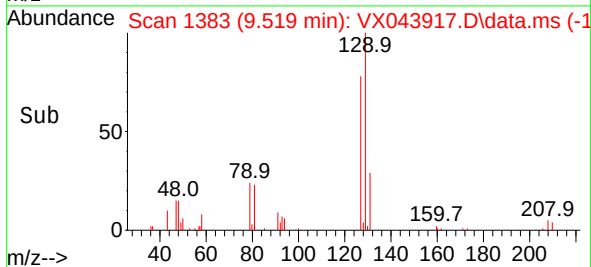
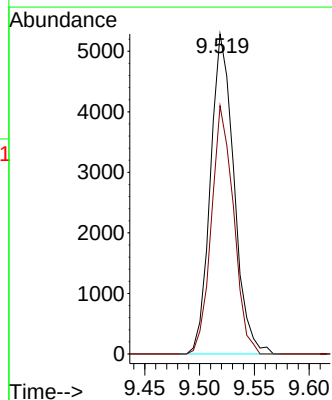
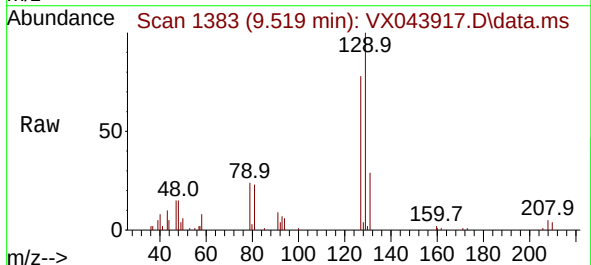
Acq: 20 Nov 2024 16:57

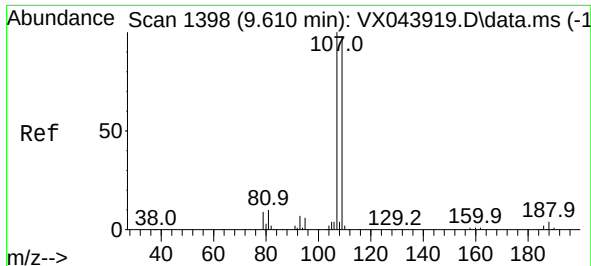
Tgt Ion: 129 Resp: 7891

Ion Ratio Lower Upper

129 100

127 72.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 4.731 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

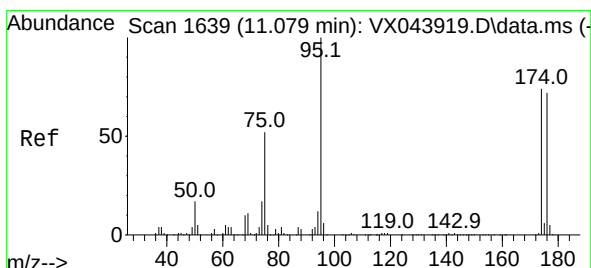
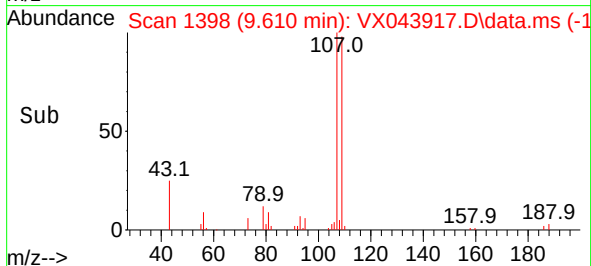
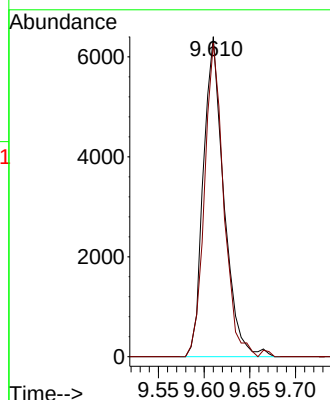
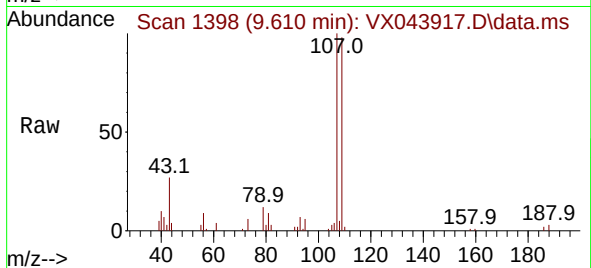
VSTDIC005

Tgt Ion:107 Resp: 9977

Ion Ratio Lower Upper

107 100

109 91.6 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 5.353 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

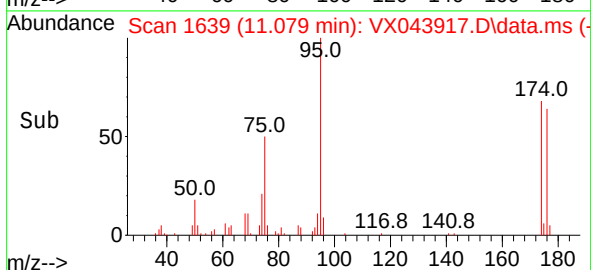
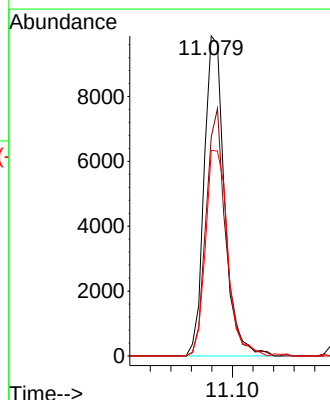
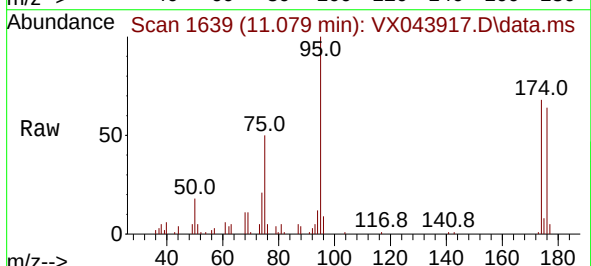
Tgt Ion: 95 Resp: 13547

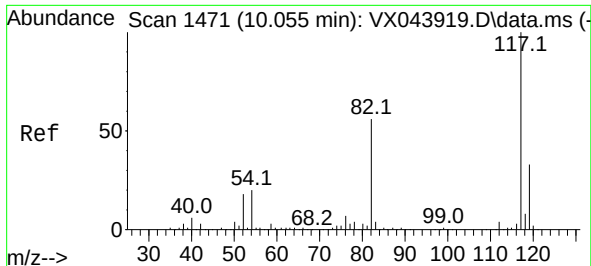
Ion Ratio Lower Upper

95 100

174 75.2 0.0 152.2

176 70.4 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: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

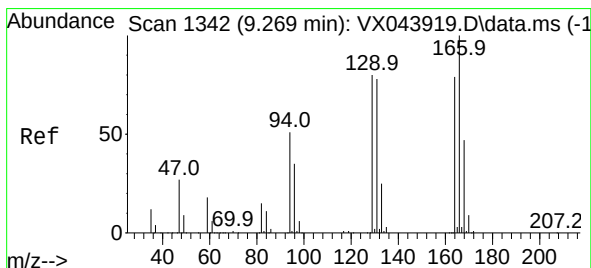
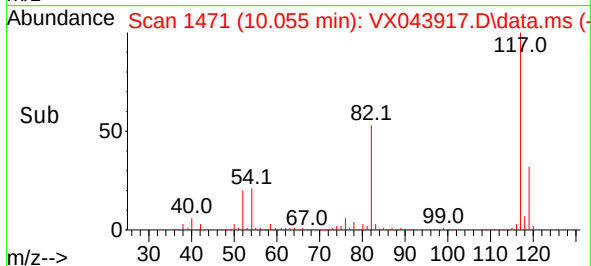
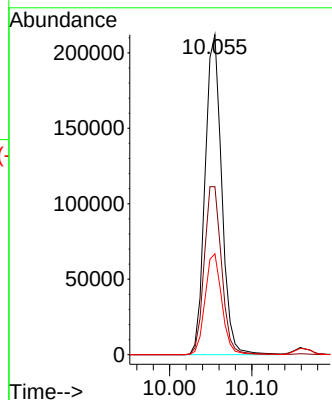
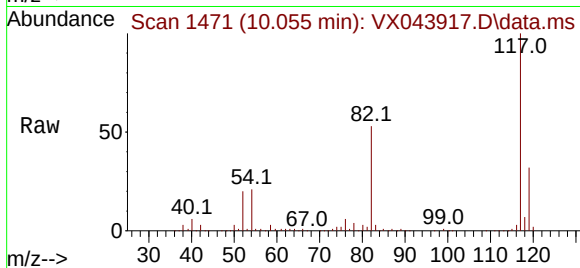
Tgt Ion:117 Resp: 298065

Ion Ratio Lower Upper

117 100

82 52.5 44.6 67.0

119 31.5 26.5 39.7



#64

Tetrachloroethene

Concen: 4.500 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Tgt Ion:164 Resp: 8604

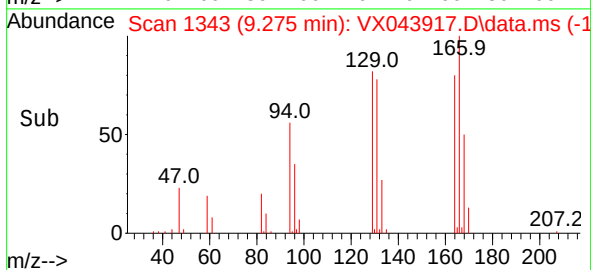
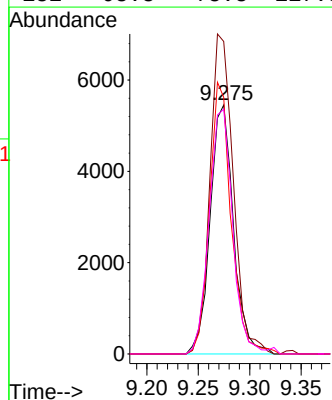
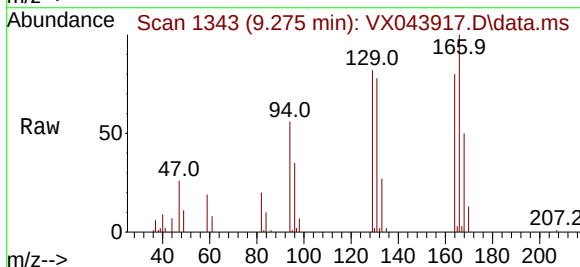
Ion Ratio Lower Upper

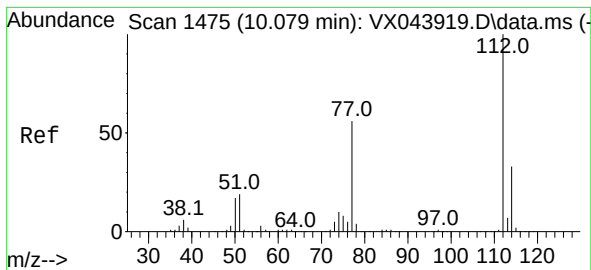
164 100

166 125.5 100.9 151.3

129 103.1 80.3 120.5

131 98.3 78.3 117.5

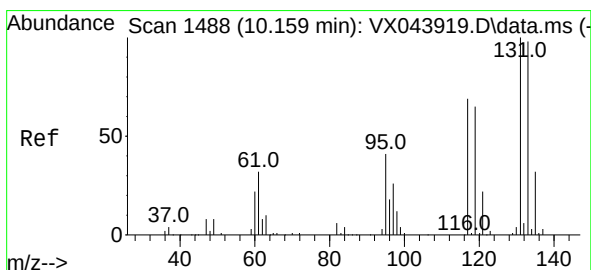
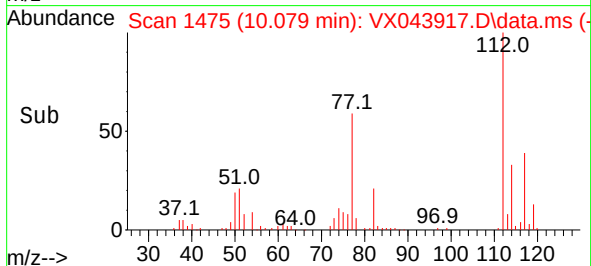
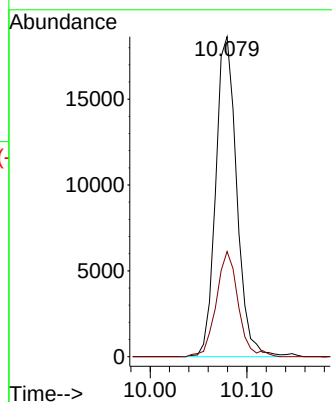
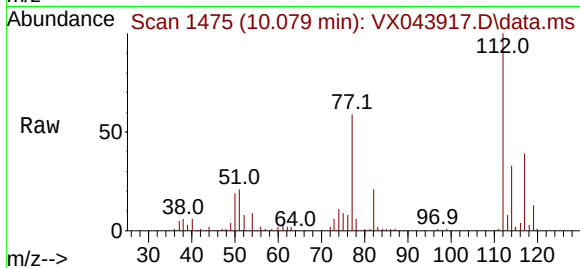




#65
Chlorobenzene
Concen: 4.510 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

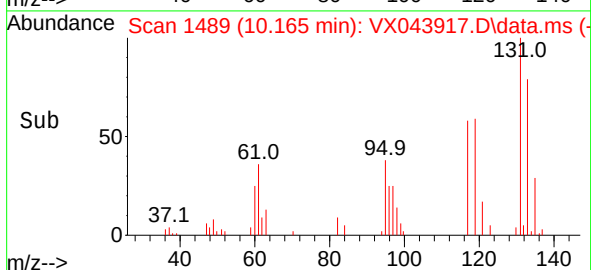
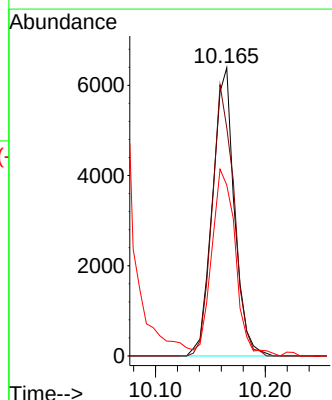
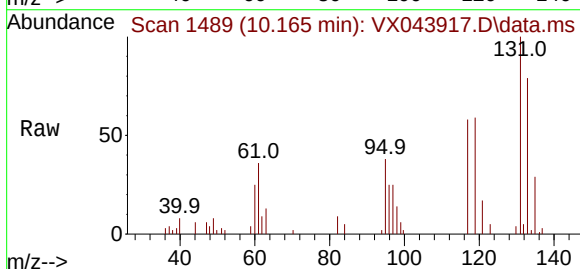
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

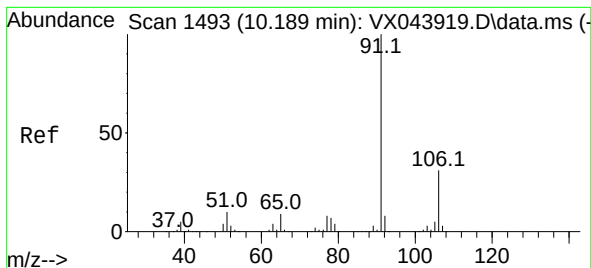
Tgt Ion:112 Resp: 28082
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.289 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion:131 Resp: 8888
Ion Ratio Lower Upper
131 100
133 94.3 48.8 146.3
119 69.8 32.9 98.7





#67

Ethyl Benzene

Concen: 4.441 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

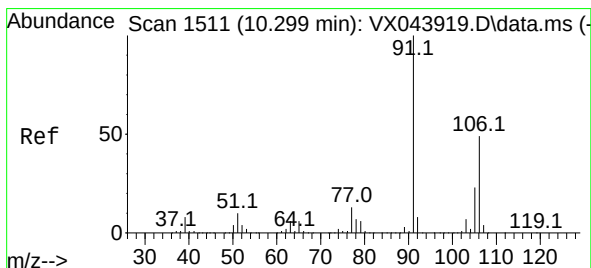
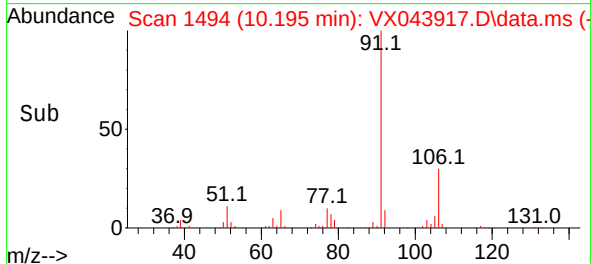
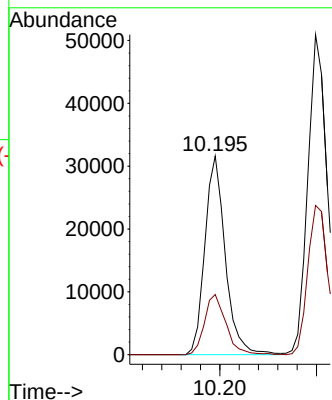
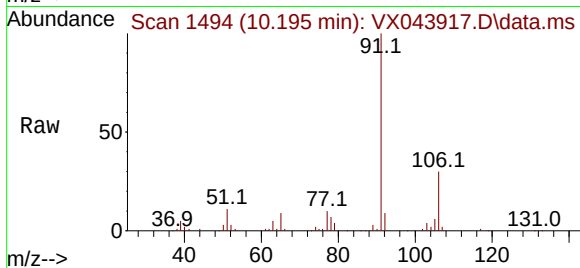
VSTDICC005

Tgt Ion: 91 Resp: 46537

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 9.238 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043917.D

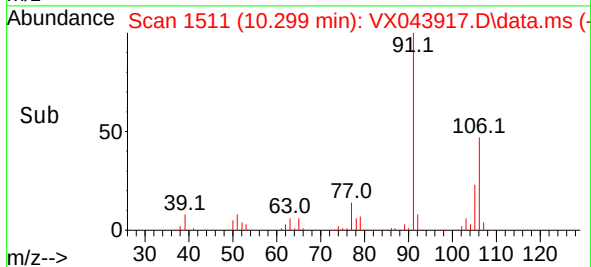
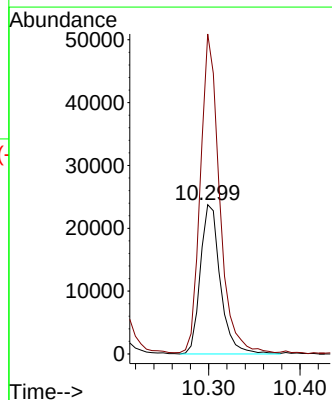
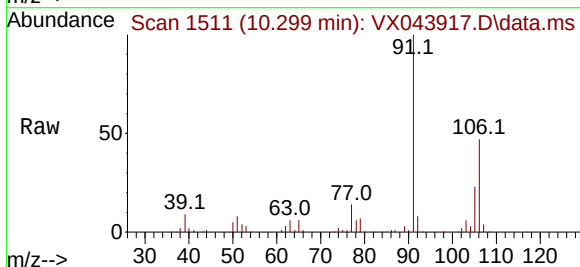
Acq: 20 Nov 2024 16:57

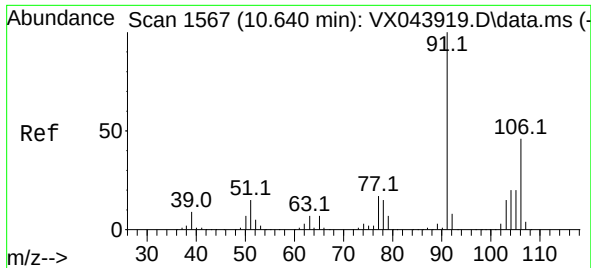
Tgt Ion:106 Resp: 36052

Ion Ratio Lower Upper

106 100

91 204.1 163.3 244.9

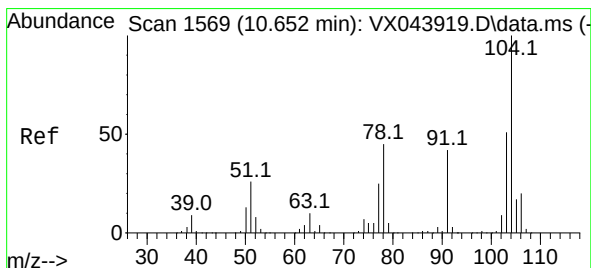
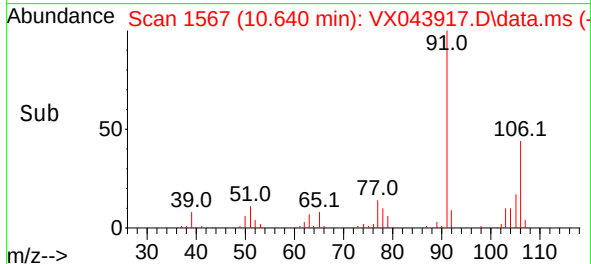
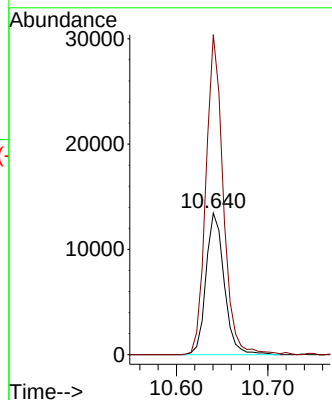
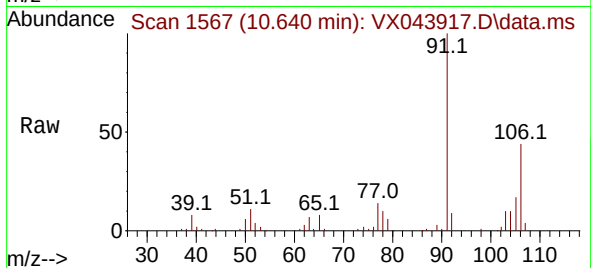




#69
o-Xylene
Concen: 4.868 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

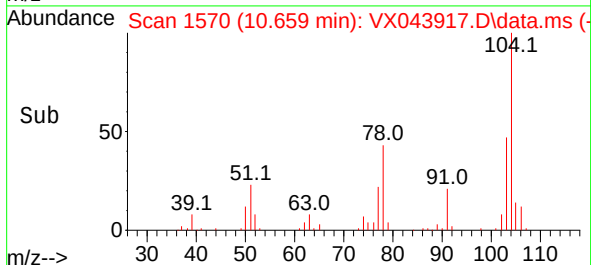
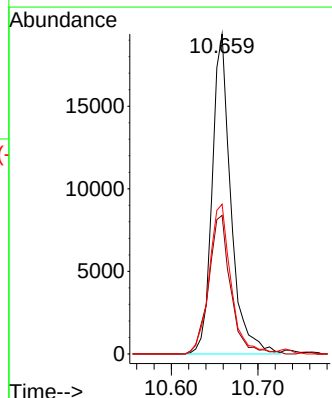
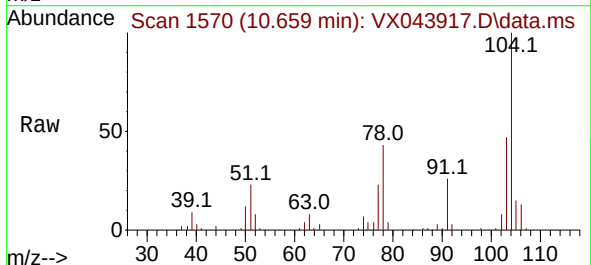
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

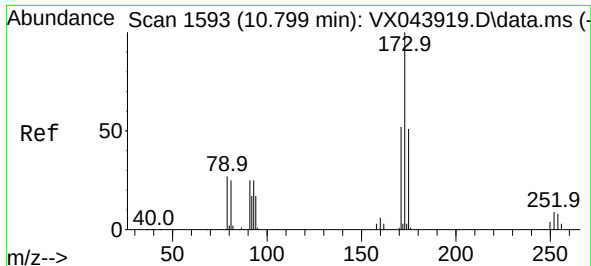
Tgt Ion:106 Resp: 18538
Ion Ratio Lower Upper
106 100
91 215.7 109.6 328.6



#70
Styrene
Concen: 4.644 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion:104 Resp: 29145
Ion Ratio Lower Upper
104 100
78 50.5 40.3 60.5
103 54.4 43.9 65.9

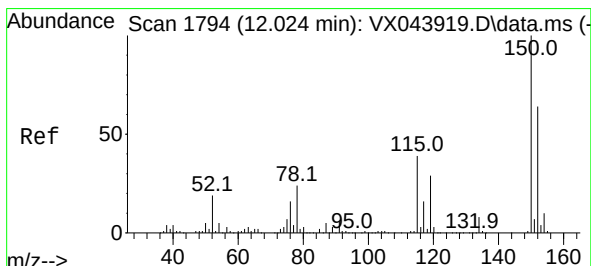
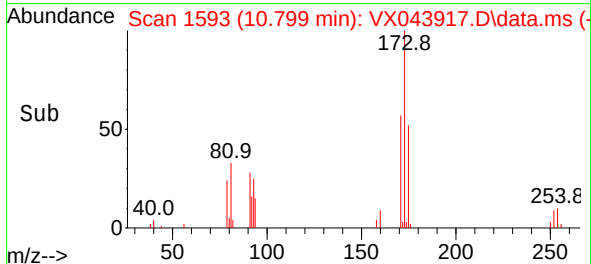
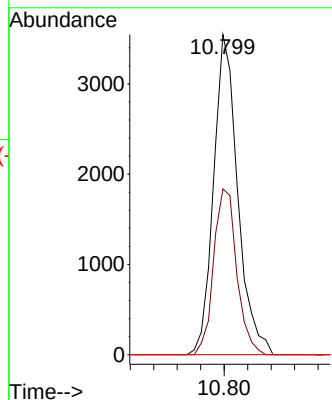
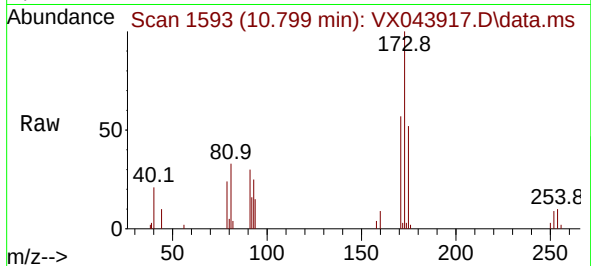




#71
Bromoform
Concen: 5.783 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

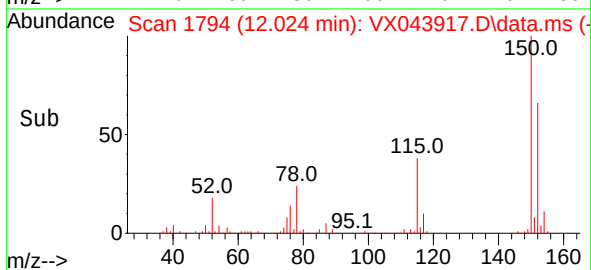
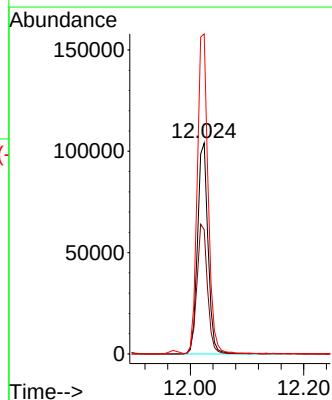
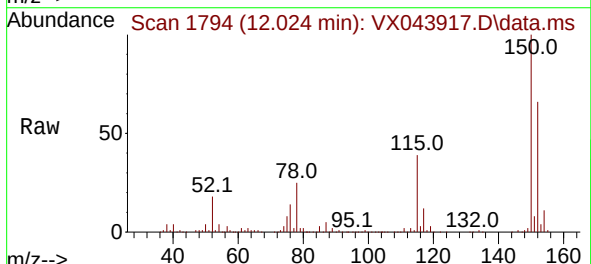
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

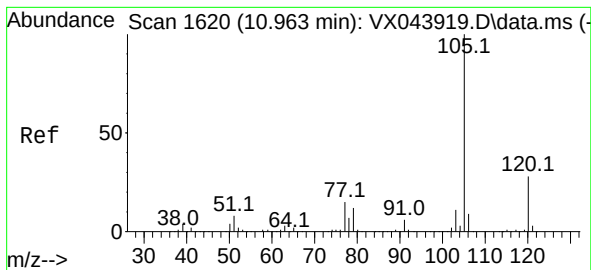
Tgt Ion:173 Resp: 5062
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion:152 Resp: 133586
Ion Ratio Lower Upper
152 100
115 62.2 42.1 126.3
150 156.3 0.0 348.2





#73

Isopropylbenzene

Concen: 4.784 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

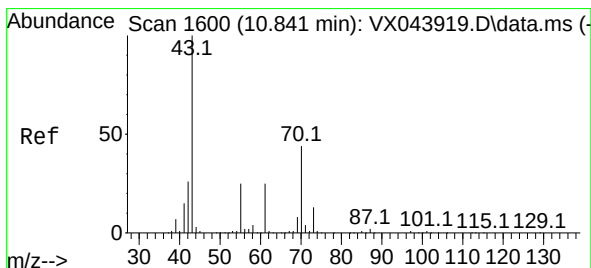
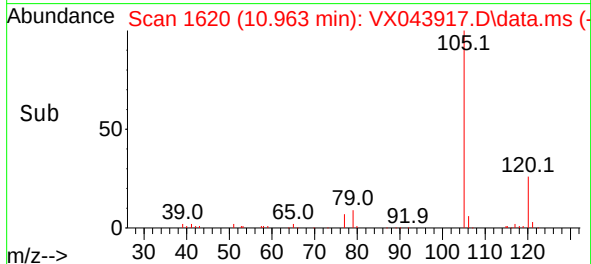
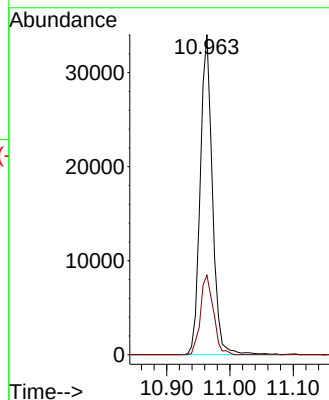
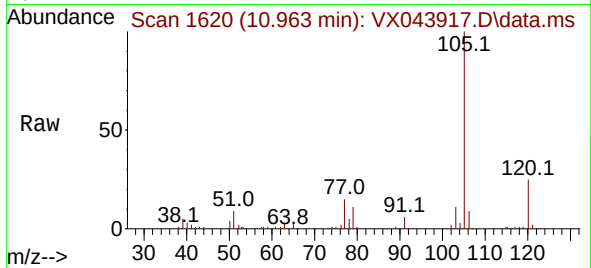
VSTDIC005

Tgt Ion:105 Resp: 45614

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 6.216 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Tgt Ion: 43 Resp: 17442

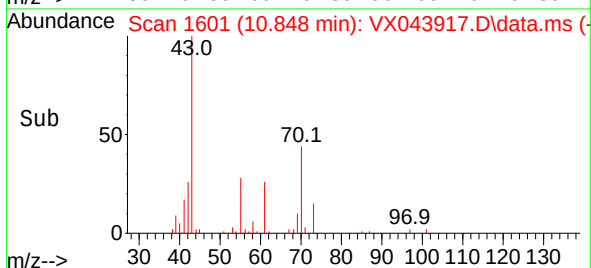
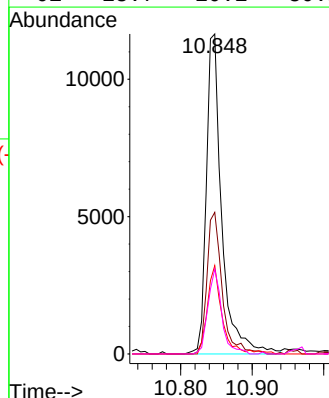
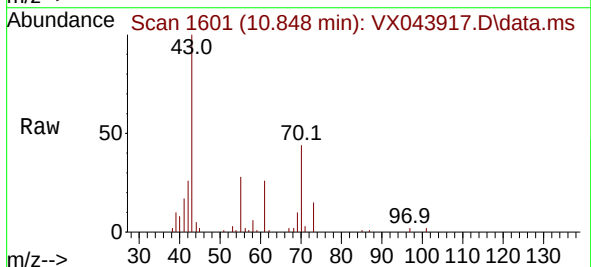
Ion Ratio Lower Upper

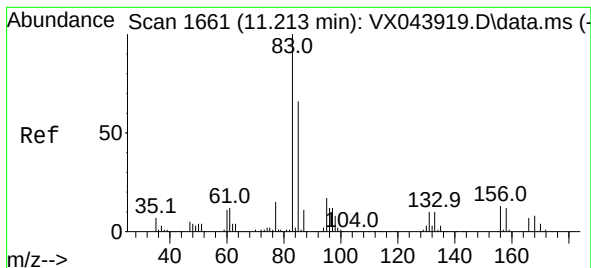
43 100

70 43.6 36.5 54.7

55 26.5 19.6 29.4

61 23.7 20.2 30.2

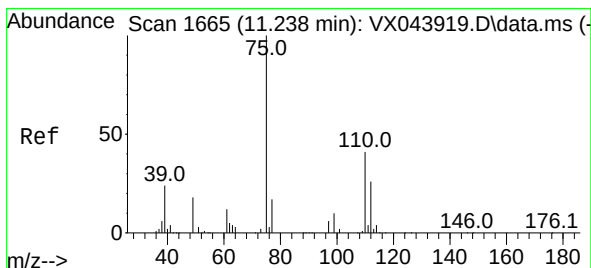
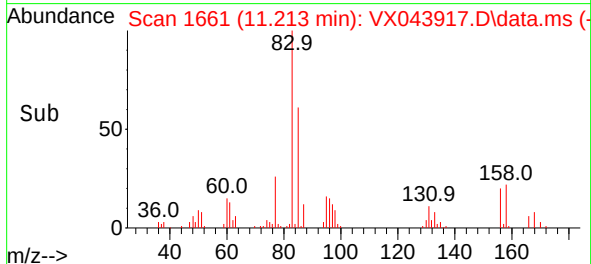
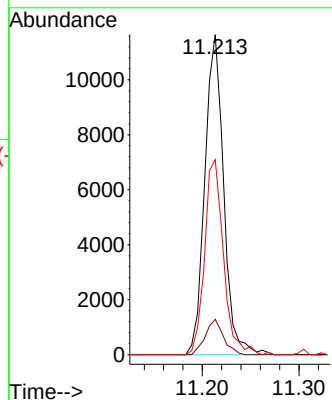
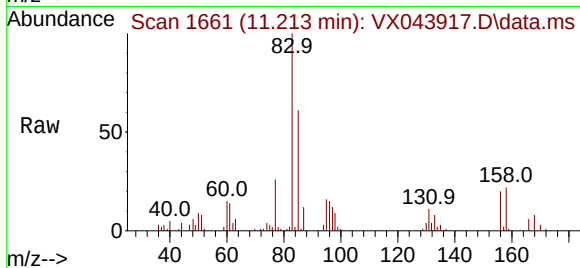




#75
1,1,2,2-Tetrachloroethane
Concen: 4.905 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

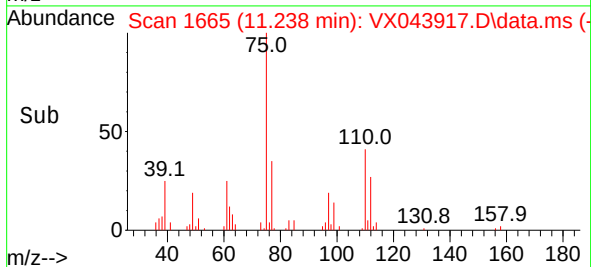
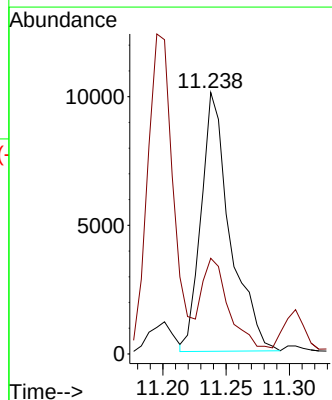
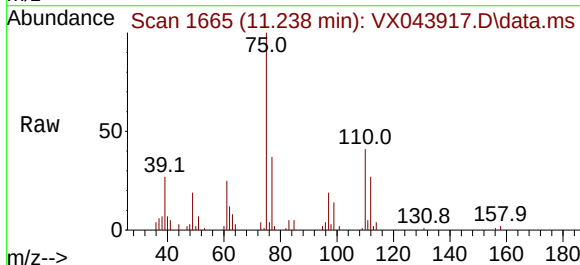
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

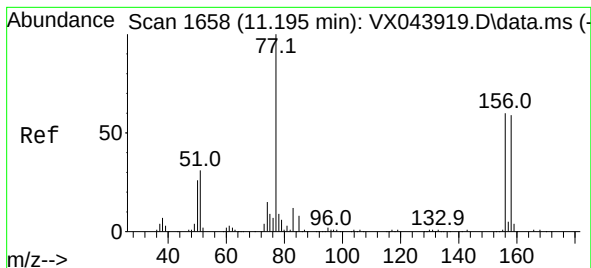
Tgt Ion:	83	Resp:	15815
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	61.0	32.3	96.9



#76
1,2,3-Trichloropropane
Concen: 5.904 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion:	75	Resp:	16096
Ion Ratio	Lower	Upper	
75	100		
77	34.9	22.4	67.0





#77

Bromobenzene

Concen: 4.752 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

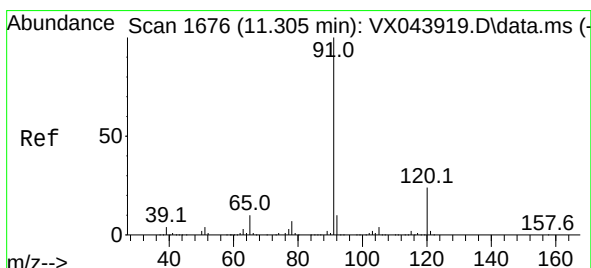
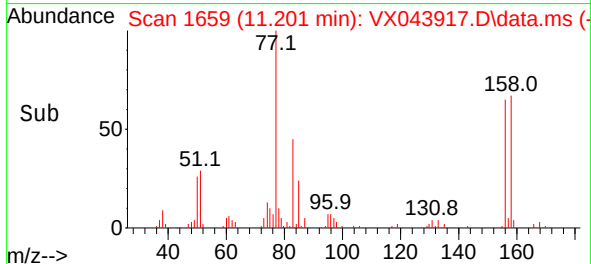
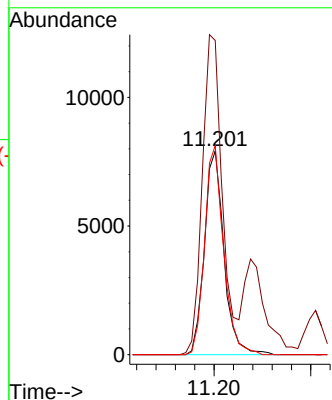
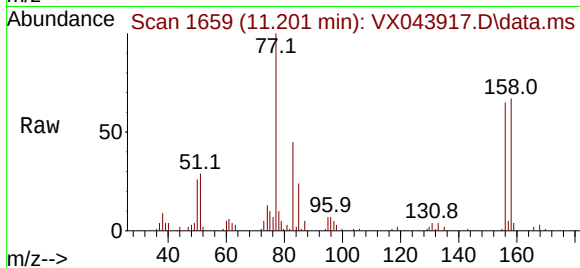
Tgt Ion:156 Resp: 11106

Ion Ratio Lower Upper

156 100

77 161.4 81.2 243.6

158 100.1 48.6 145.8



#78

n-propylbenzene

Concen: 4.362 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043917.D

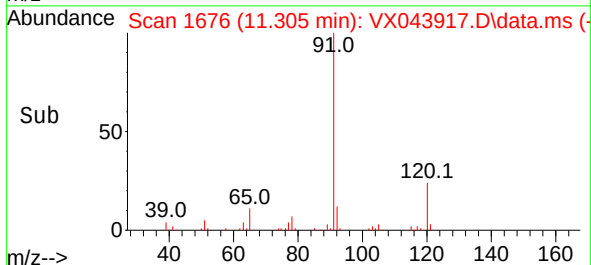
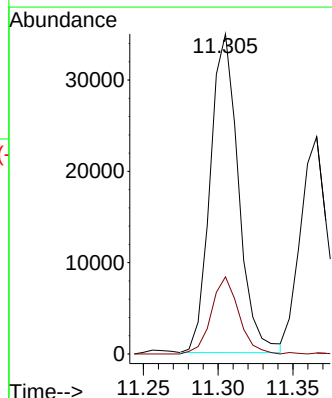
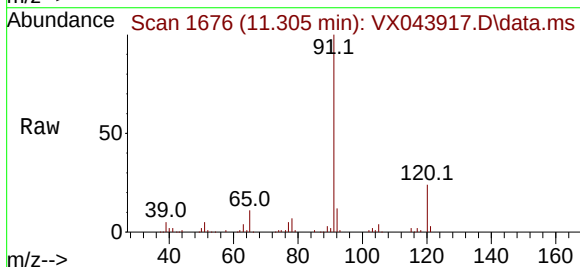
Acq: 20 Nov 2024 16:57

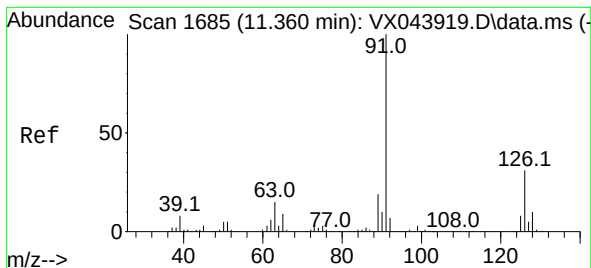
Tgt Ion: 91 Resp: 45894

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 4.606 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

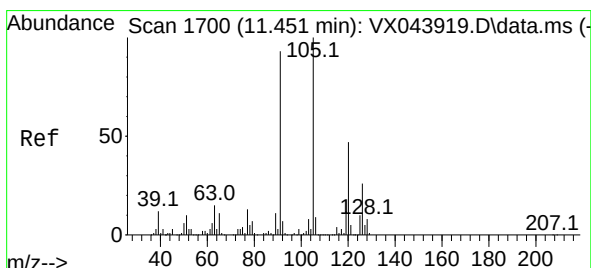
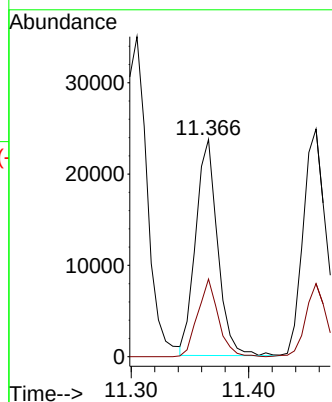
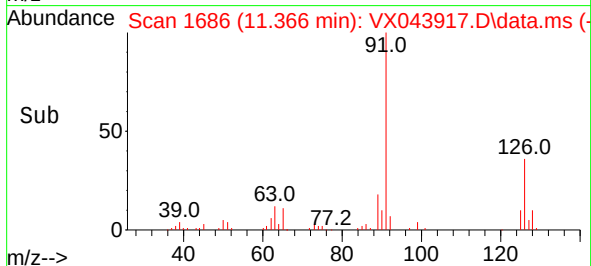
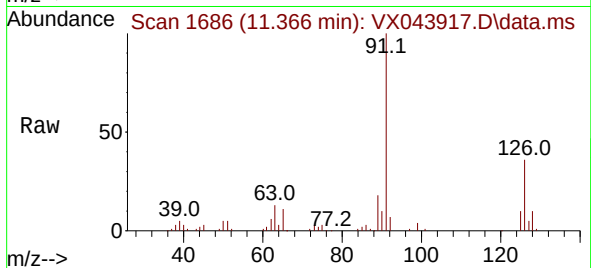
VSTDICC005

Tgt Ion: 91 Resp: 30838

Ion Ratio Lower Upper

91 100

126 33.8 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 4.547 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043917.D

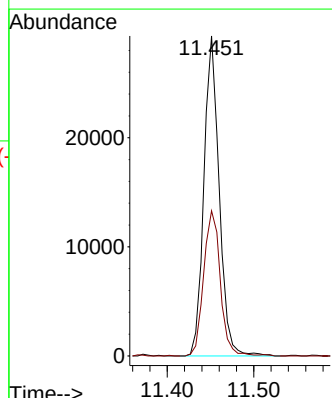
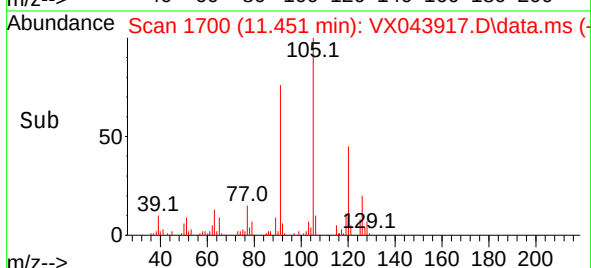
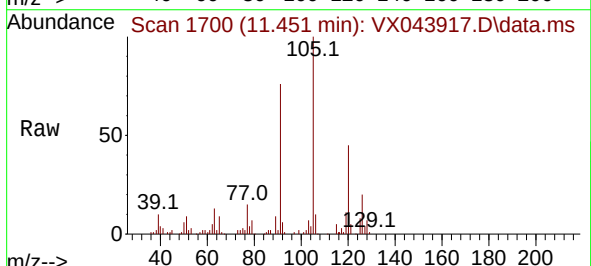
Acq: 20 Nov 2024 16:57

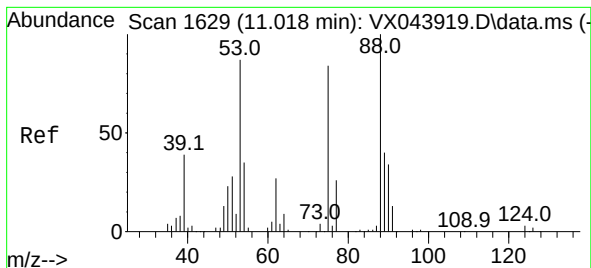
Tgt Ion:105 Resp: 35939

Ion Ratio Lower Upper

105 100

120 49.5 23.8 71.5

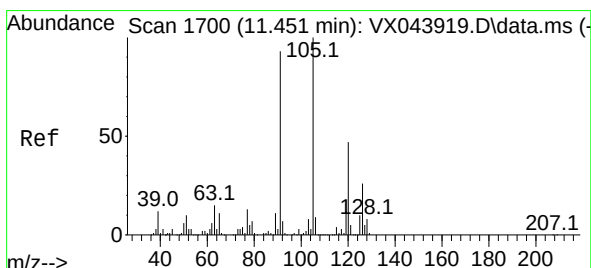
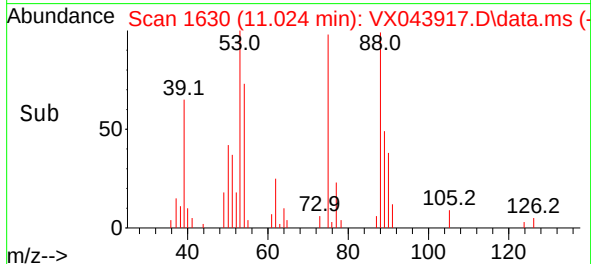
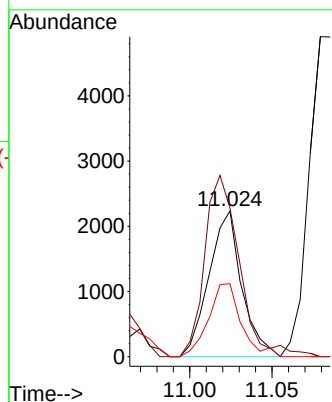
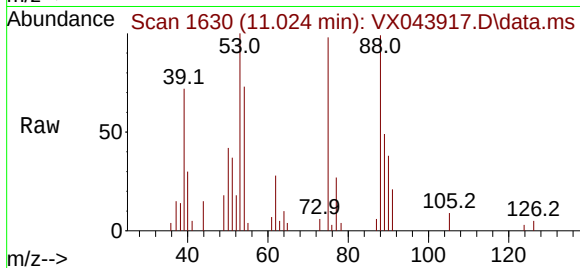




#81
trans-1,4-Dichloro-2-butene
Concen: 7.794 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

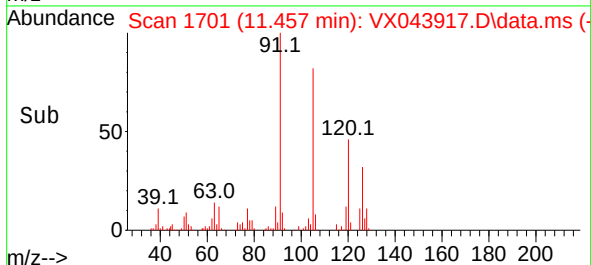
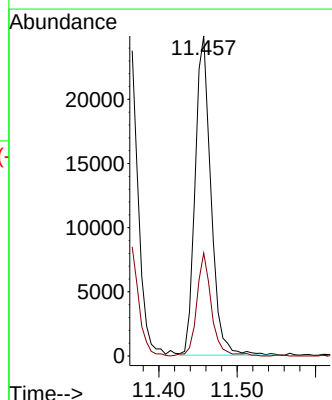
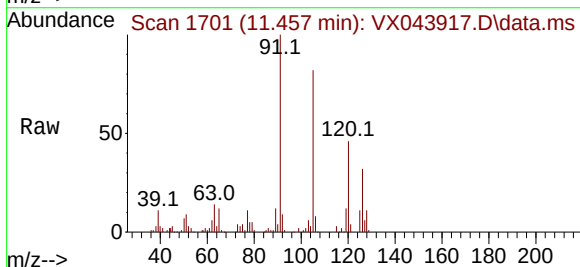
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

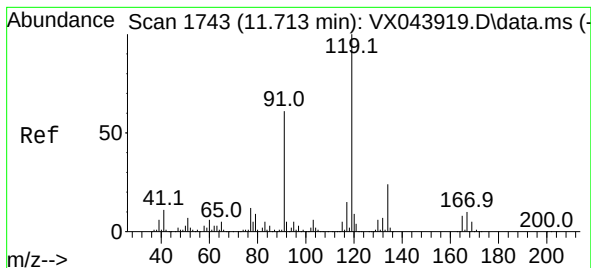
Tgt Ion: 75 Resp: 3100
Ion Ratio Lower Upper
75 100
53 131.6 81.7 122.5#
89 49.8 38.6 57.8



#82
4-Chlorotoluene
Concen: 4.545 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043917.D
Acq: 20 Nov 2024 16:57

Tgt Ion: 91 Resp: 35042
Ion Ratio Lower Upper
91 100
126 29.8 14.4 43.2





#83

tert-Butylbenzene

Concen: 4.697 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

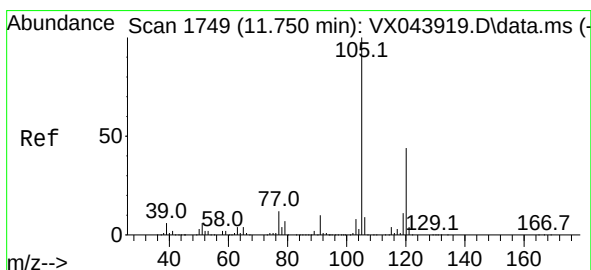
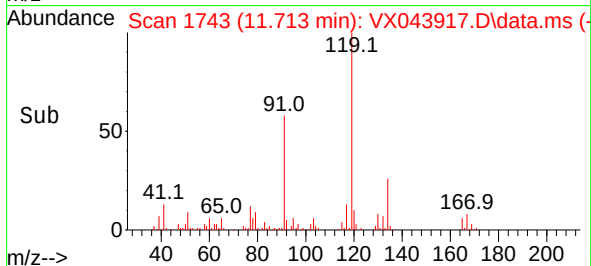
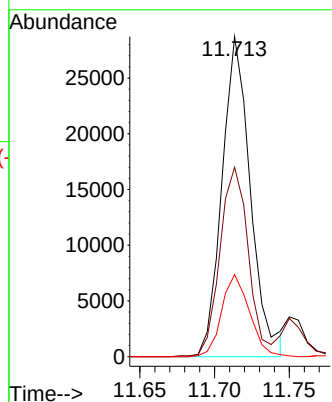
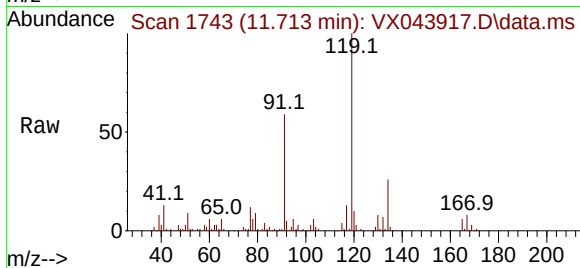
Tgt Ion:119 Resp: 37974

Ion Ratio Lower Upper

119 100

91 59.4 29.5 88.6

134 25.1 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 4.669 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043917.D

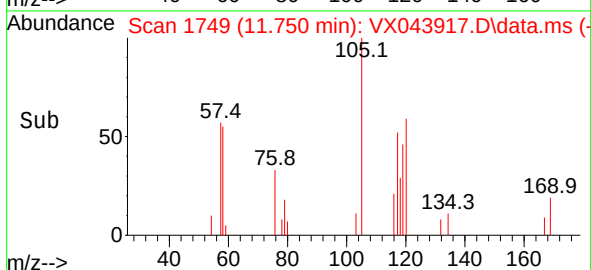
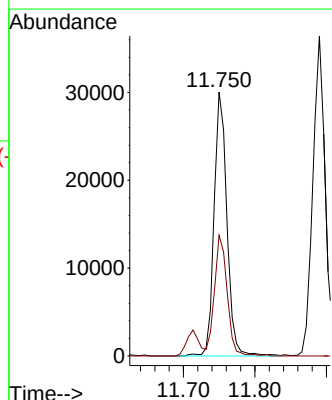
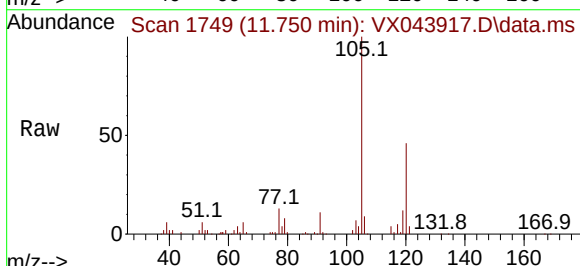
Acq: 20 Nov 2024 16:57

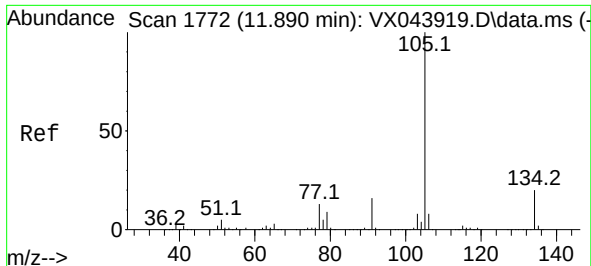
Tgt Ion:105 Resp: 37474

Ion Ratio Lower Upper

105 100

120 45.2 21.7 65.1





#85

sec-Butylbenzene

Concen: 4.552 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

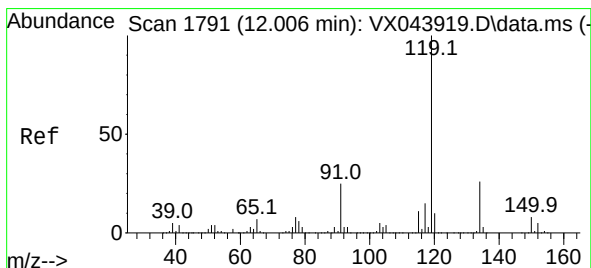
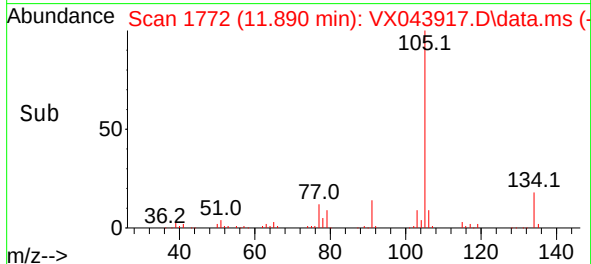
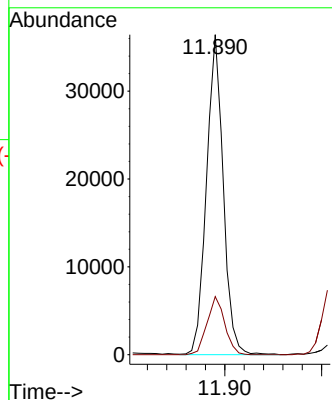
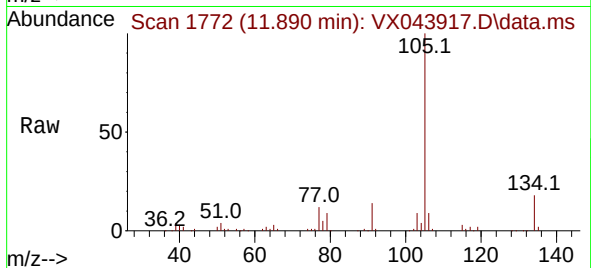
VSTDIC005

Tgt Ion:105 Resp: 43954

Ion Ratio Lower Upper

105 100

134 19.1 10.0 29.8



#86

p-Isopropyltoluene

Concen: 4.440 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

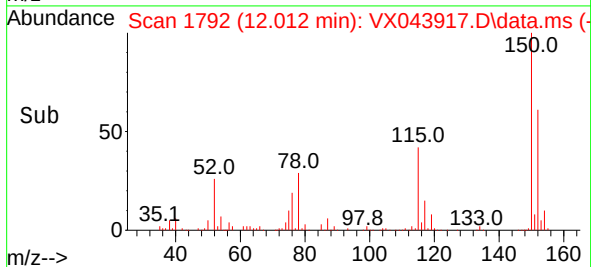
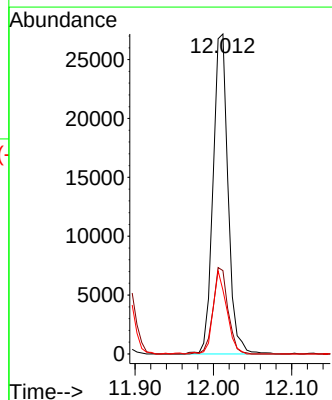
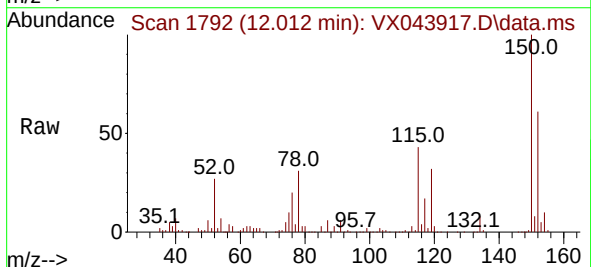
Tgt Ion:119 Resp: 35996

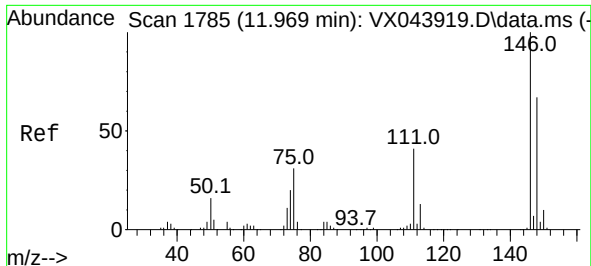
Ion Ratio Lower Upper

119 100

134 27.0 13.0 38.9

91 23.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 4.543 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

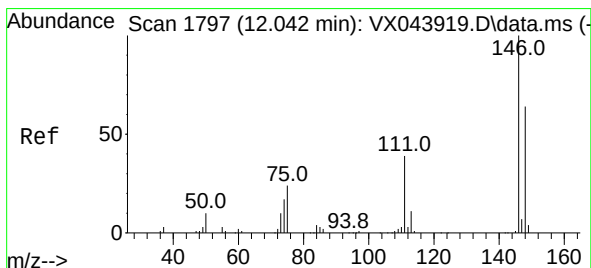
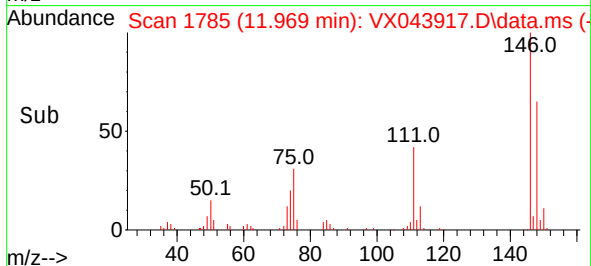
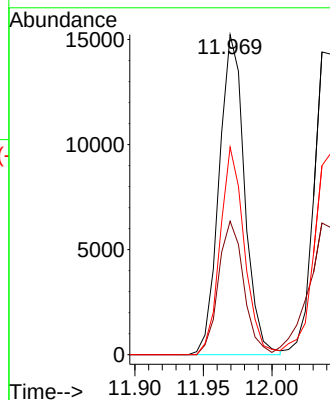
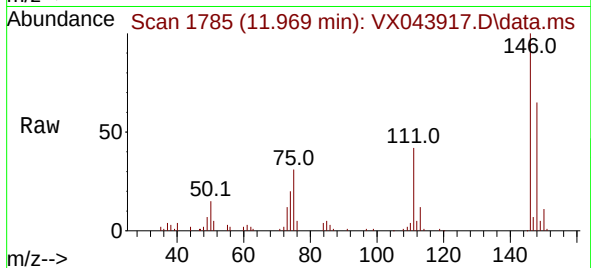
Tgt Ion:146 Resp: 19676

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.2

148 61.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 4.599 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

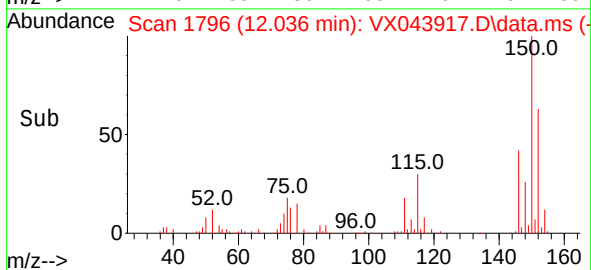
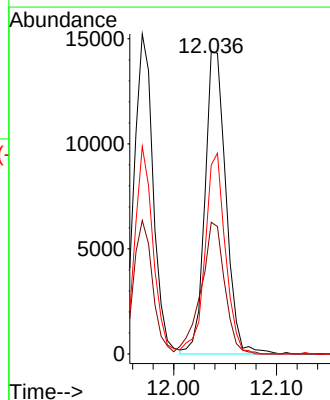
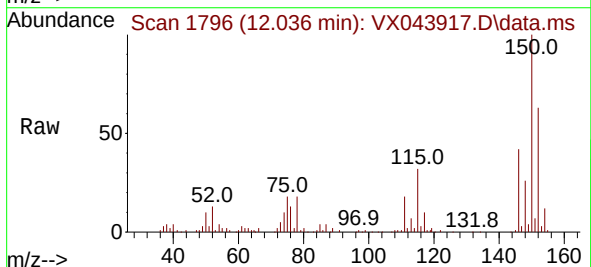
Tgt Ion:146 Resp: 20422

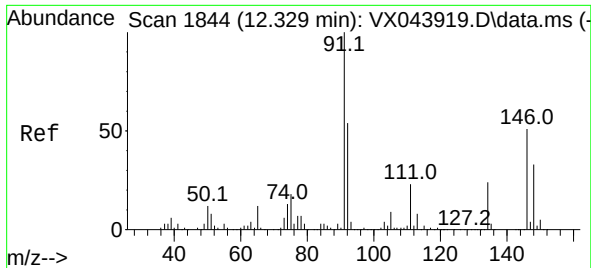
Ion Ratio Lower Upper

146 100

111 49.3 20.1 60.2

148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 4.037 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

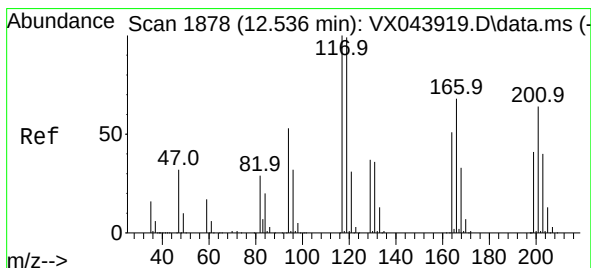
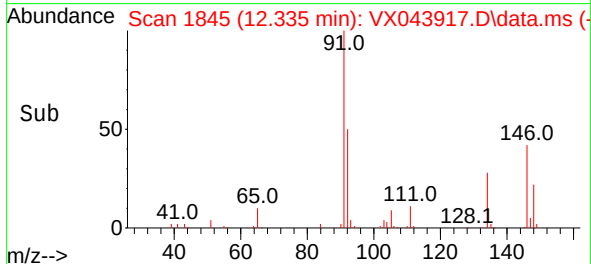
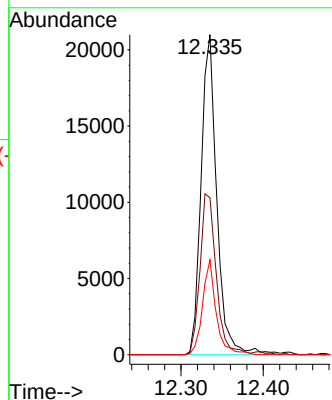
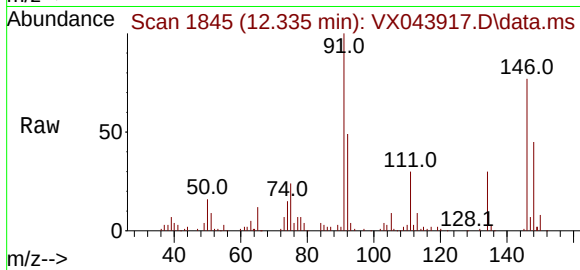
Tgt Ion: 91 Resp: 27885

Ion Ratio Lower Upper

91 100

92 51.9 26.9 80.6

134 25.7 12.9 38.6



#90

Hexachloroethane

Concen: 5.768 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043917.D

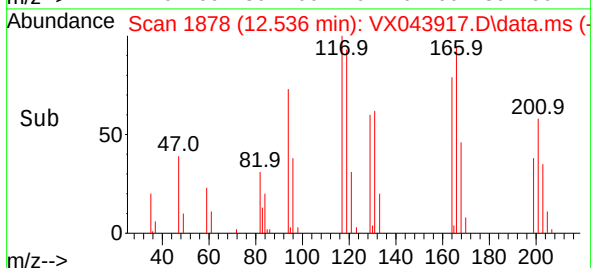
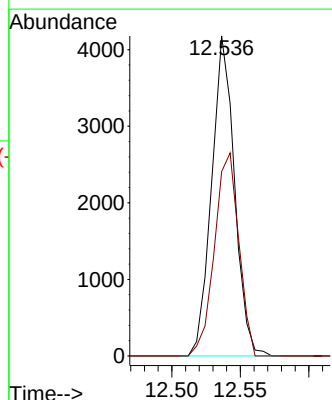
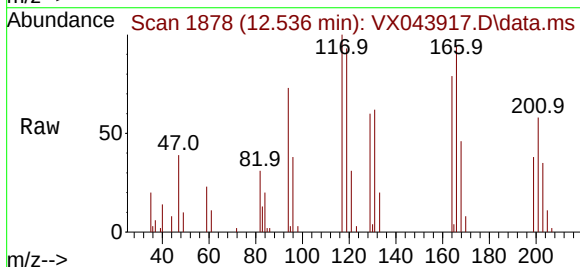
Acq: 20 Nov 2024 16:57

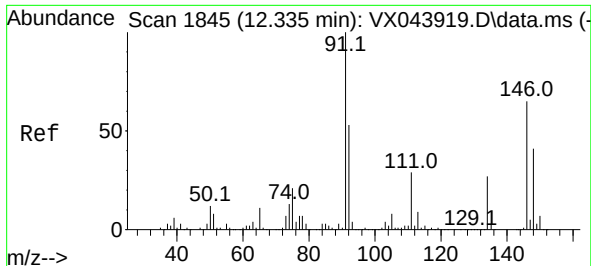
Tgt Ion: 117 Resp: 4845

Ion Ratio Lower Upper

117 100

201 67.4 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 4.631 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

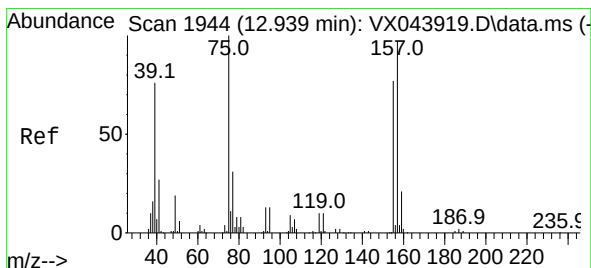
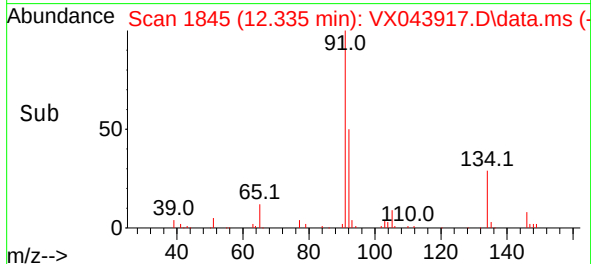
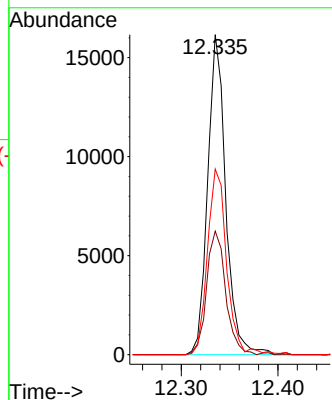
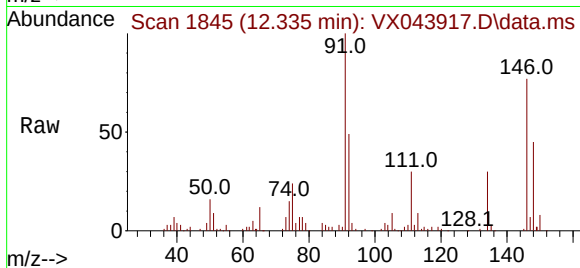
Tgt Ion:146 Resp: 21002

Ion Ratio Lower Upper

146 100

111 40.8 21.7 65.1

148 62.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.365 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

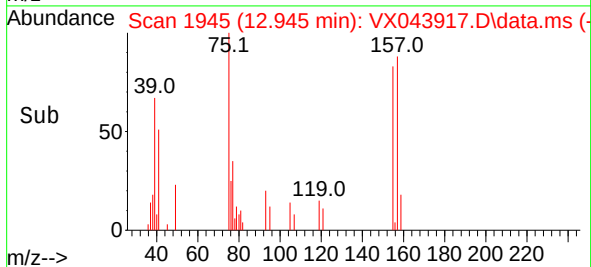
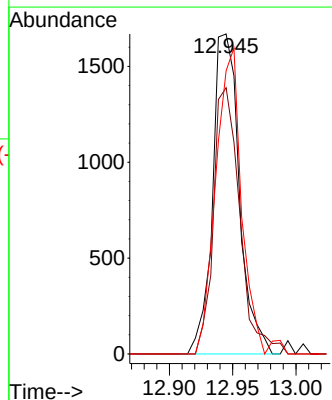
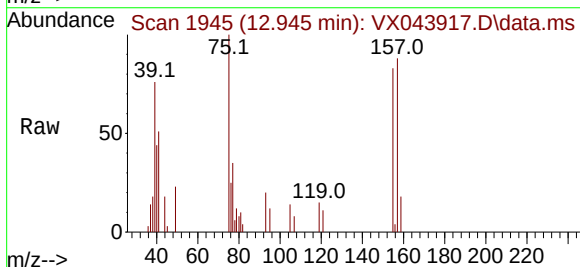
Tgt Ion: 75 Resp: 2452

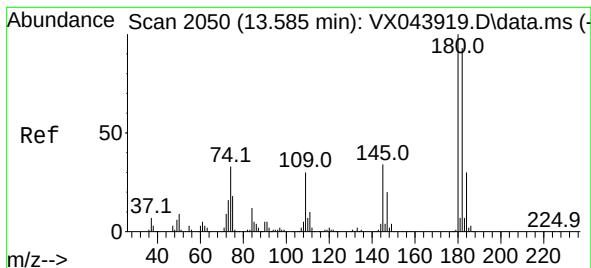
Ion Ratio Lower Upper

75 100

155 82.1 40.8 122.5

157 93.3 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 4.005 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

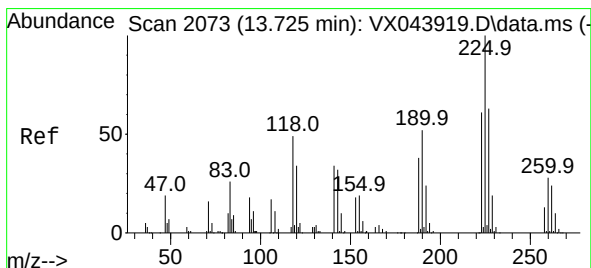
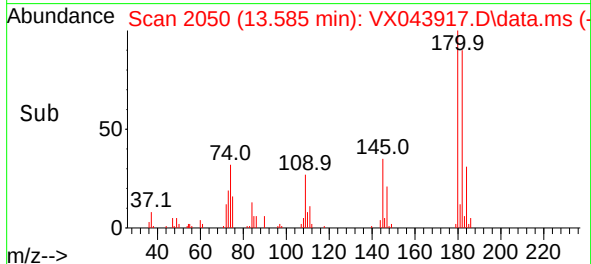
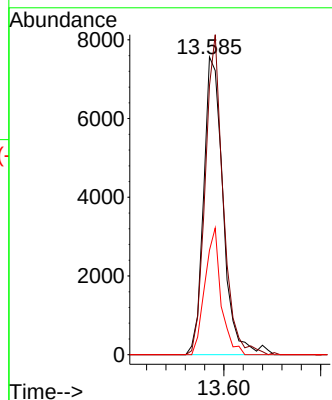
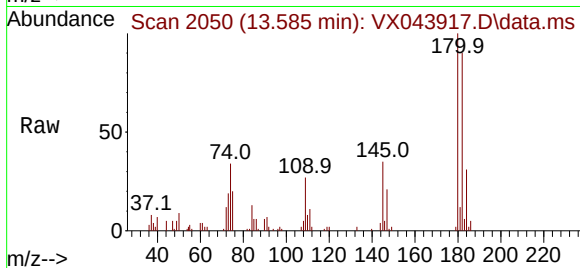
Tgt Ion:180 Resp: 10615

Ion Ratio Lower Upper

180 100

182 98.7 46.8 140.4

145 35.2 16.4 49.2



#94

Hexachlorobutadiene

Concen: 4.155 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

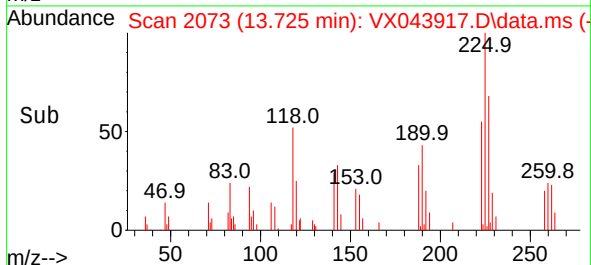
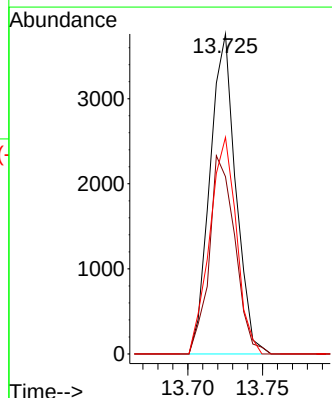
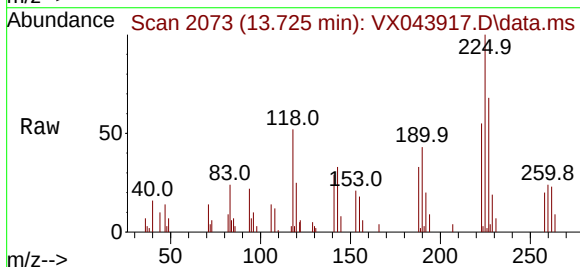
Tgt Ion:225 Resp: 4513

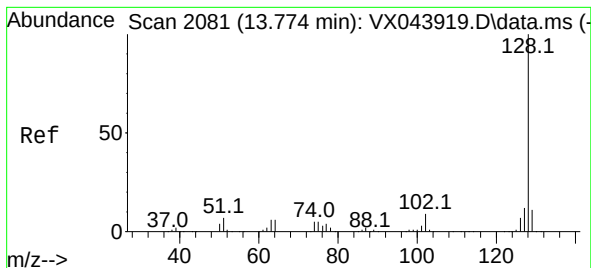
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 70.1 29.8 89.5





#95

Naphthalene

Concen: 3.964 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

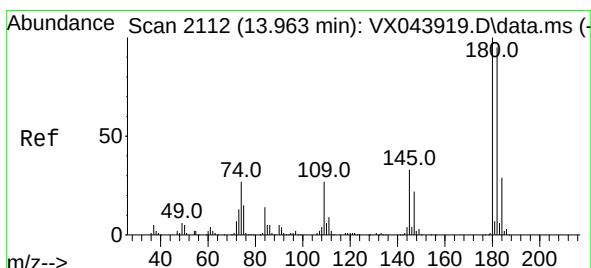
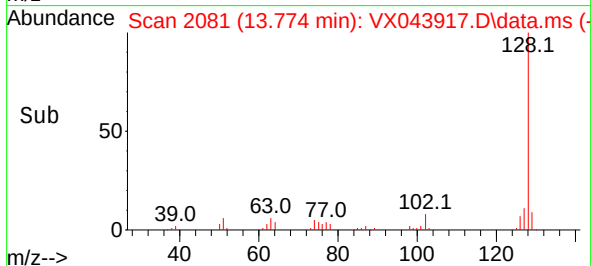
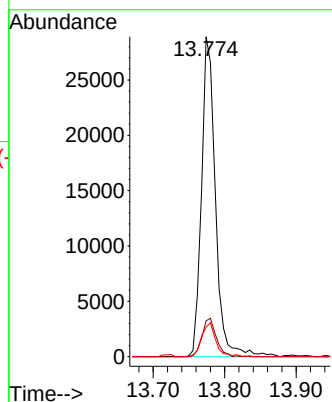
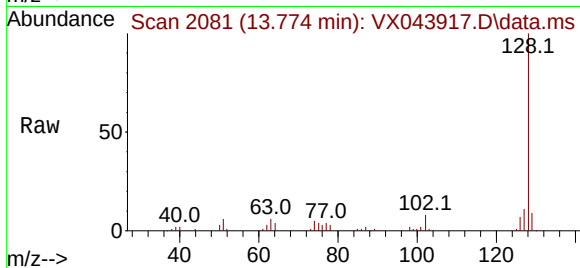
Tgt Ion:128 Resp: 39168

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.951 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043917.D

Acq: 20 Nov 2024 16:57

Tgt Ion:180 Resp: 10909

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.8

145 32.7 17.4 52.2

