

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041535.D
 Acq On : 15 May 2024 13:06
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 16 04:59:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 04:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	29317	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	167564	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	156744	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	66951	29.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.667%
60) 4-Bromofluorobenzene	11.079	95	75208	30.736	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.467%
63) Toluene-d8	8.646	98	197229	29.354	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	235733	153.731	ug/l	100
3) Chloromethane	1.300	50	254945	151.828	ug/l	99
4) Vinyl Chloride	1.373	62	263691	149.156	ug/l	96
5) Bromomethane	1.599	94	173478	154.278	ug/l	97
6) Chloroethane	1.666	64	120395	137.096	ug/l	96
7) Trichlorofluoromethane	1.861	101	378848	141.179	ug/l	97
8) Diethyl Ether	2.135	74	154072	153.748	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	252154	162.040	ug/l	98
10) 1,1-Dichloroethene	2.306	96	251706	167.812	ug/l	96
11) Methyl Iodide	2.446	142	310577	173.847	ug/l	99
12) Methyl Acetate	2.708	43	347347	153.822	ug/l	97
13) Acrolein	2.239	56	255766	930.023	ug/l	99
14) Acrylonitrile	3.074	53	764156	769.391	ug/l	100
15) Acetone	2.398	58	201394	756.809	ug/l	99
16) Carbon Disulfide	2.501	76	618798	182.721	ug/l	99
17) Allyl chloride	2.660	41	414109	155.573	ug/l	96
18) Methylene Chloride	2.788	84	274737	154.004	ug/l	96
19) trans-1,2-Dichloroethene	3.086	96	263005	152.912	ug/l	100
20) Diisopropyl ether	3.769	45	848176	151.658	ug/l #	85
21) 1,1-Dichloroethane	3.605	63	479291	152.698	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	322099	154.112	ug/l	97
23) tert-Butyl Alcohol	3.026	59	353930	827.562	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	857228	153.079	ug/l	100
25) Chloroform	5.092	83	500748	149.753	ug/l	98
26) Cyclohexane	5.464	56	398416	152.214	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	345342	155.801	ug/l	99
30) 2-Butanone	4.568	43	1086047	738.179	ug/l	100
31) 2,2-Dichloropropane	4.470	77	407701	156.722	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	461189	155.065	ug/l	98
33) Carbon Tetrachloride	5.671	117	412314	162.023	ug/l	99
34) Benzene	6.037	78	1054736	150.671	ug/l	98
35) Methacrylonitrile	4.928	41	225491	151.934	ug/l	99
36) 1,2-Dichloroethane	6.086	62	391660	149.931	ug/l	99
37) Trichloroethene	7.122	130	303885	155.804	ug/l	100
38) Methylcyclohexane	7.378	83	436250	155.004	ug/l	99
39) 1,2-Dichloropropane	7.427	63	254082	153.545	ug/l	96
40) Dibromomethane	7.580	93	201301	154.568	ug/l	99
41) Bromodichloromethane	7.823	83	394825	161.481	ug/l	99
42) Vinyl Acetate	3.727	43	3936488	771.168	ug/l	98

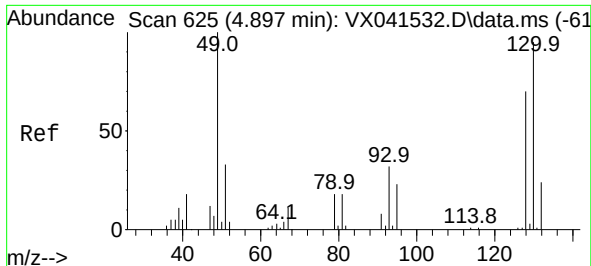
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
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Quant Time: May 16 04:59:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	422225	148.735	ug/l	99
44) Isopropyl Acetate	6.348	43	683165	159.202	ug/l	99
45) 1,4-Dioxane	7.671	88	143235	3112.445	ug/l	93
46) Methyl methacrylate	7.695	41	341114	159.767	ug/l	97
47) n-amyl Acetate	10.841	43	634180	162.971	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	414688	168.888	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	438957	165.049	ug/l	98
50) 1,1,2-Trichloroethane	9.152	97	275854	152.260	ug/l	95
51) Ethyl methacrylate	9.116	69	470229	161.250	ug/l	96
52) 1,3-Dichloropropane	9.311	76	452642	151.194	ug/l	100
53) Dibromochloromethane	9.524	129	347933	168.785	ug/l	99
54) 1,2-Dibromoethane	9.610	107	295727	153.928	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	1094760	769.118	ug/l	99
56) Bromoform	10.799	173	291798	176.624	ug/l	100
58) 4-Methyl-2-Pentanone	8.579	43	2135199	745.544	ug/l	97
59) 2-Hexanone	9.433	43	1665526	729.998	ug/l	97
61) Tetrachloroethene	9.274	164	289271	150.841	ug/l	93
62) Toluene	8.720	91	1170358	150.058	ug/l	100
64) Chlorobenzene	10.079	112	802496	151.480	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.164	131	297527	158.674	ug/l	99
66) Ethyl Benzene	10.195	91	1321003	152.530	ug/l	99
67) m/p-Xylenes	10.299	106	1066071	314.788	ug/l	99
68) o-Xylene	10.640	106	525203	154.064	ug/l	97
69) Styrene	10.652	104	907776	158.818	ug/l	99
70) Isopropylbenzene	10.963	105	1339993	155.558	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	445635	150.594	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	514900	197.229	ug/l	88
73) Bromobenzene	11.201	156	393624	155.515	ug/l	99
74) n-propylbenzene	11.305	91	1507961	155.248	ug/l	98
75) 2-Chlorotoluene	11.365	91	918864	150.644	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1144466	155.655	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	155156	184.973	ug/l	82
78) 4-Chlorotoluene	11.457	91	1071482	154.231	ug/l	97
79) tert-butylbenzene	11.713	119	1220582	155.975	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	1142574	155.038	ug/l	98
81) sec-Butylbenzene	11.890	105	1417049	154.966	ug/l	99
82) p-Isopropyltoluene	12.006	119	1272191	158.931	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	716024	157.736	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	717545	156.438	ug/l	99
85) n-Butylbenzene	12.335	91	1074188	166.768	ug/l	99
86) Hexachloroethane	12.536	117	230908	171.310	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	714548	154.222	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	109040	167.785	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	487394	156.560	ug/l	99
90) Hexachlorobutadiene	13.725	225	224308	147.688	ug/l	99
91) Naphthalene	13.774	128	1412076	151.760	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	490466	154.202	ug/l	100

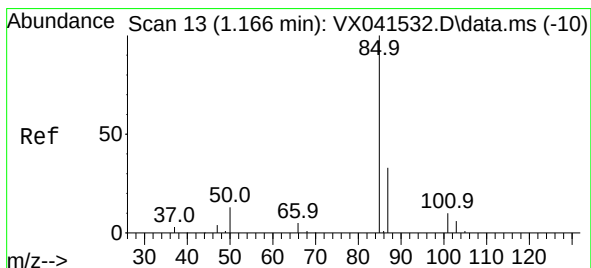
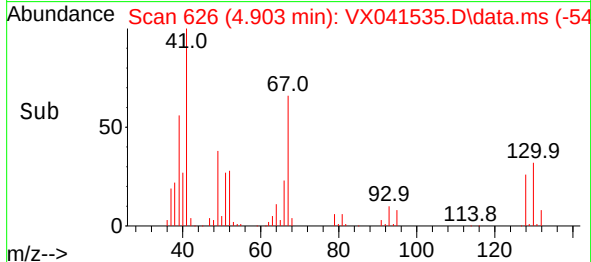
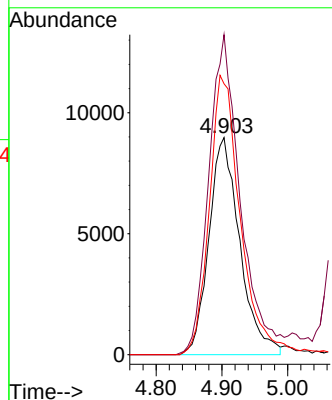
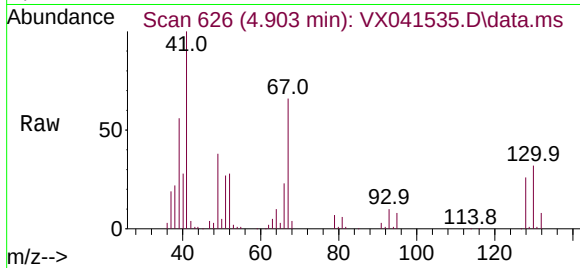
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

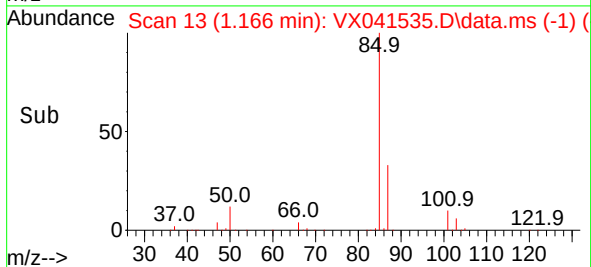
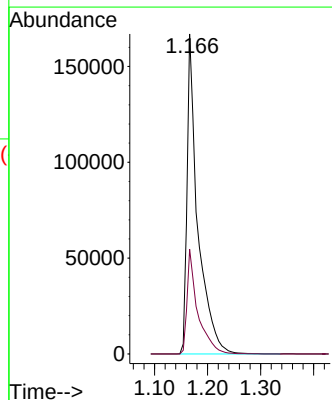
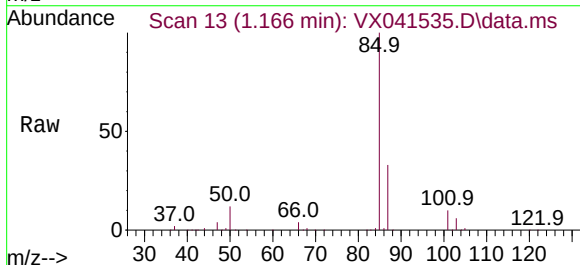
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

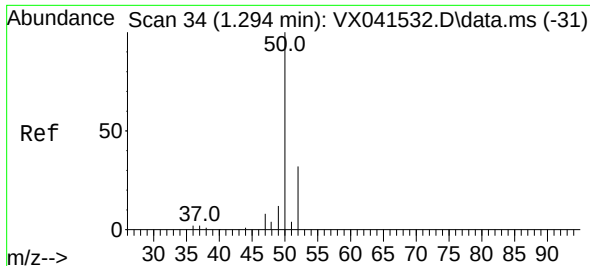
Tgt Ion:128 Resp: 29317
Ion Ratio Lower Upper
128 100
49 151.3 0.0 361.5
130 129.8 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 153.731 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 85 Resp: 235733
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1

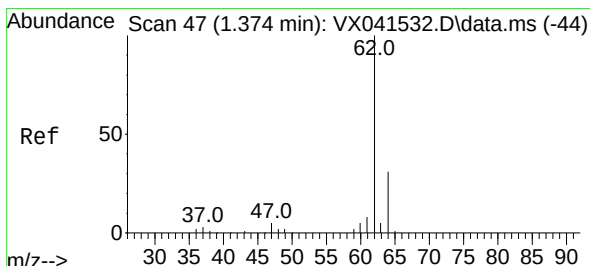
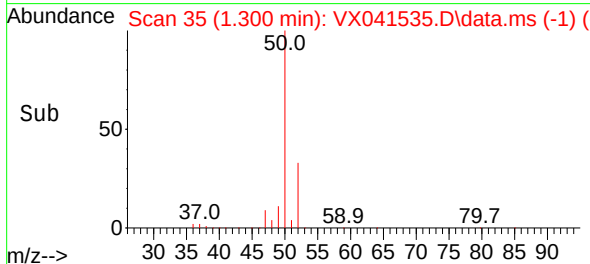
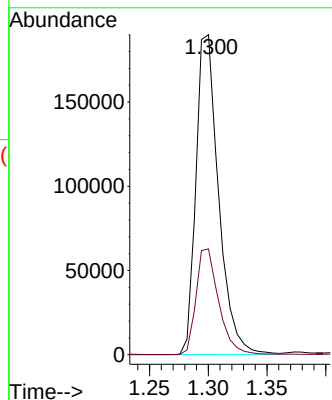
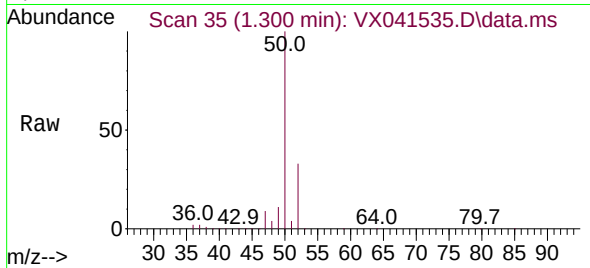




#3
Chloromethane
Concen: 151.828 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

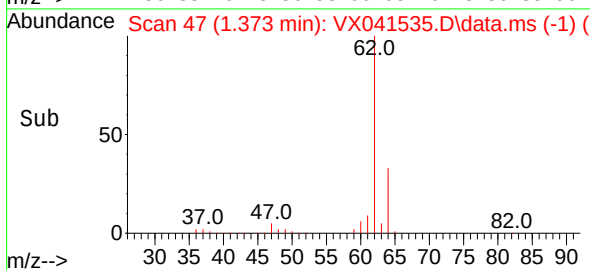
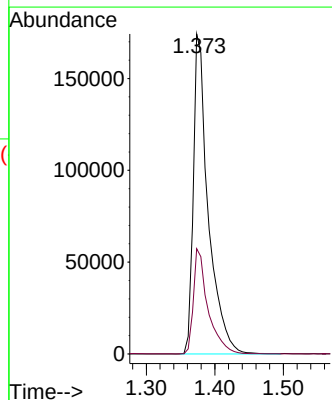
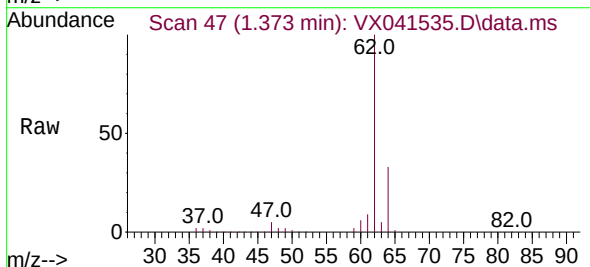
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

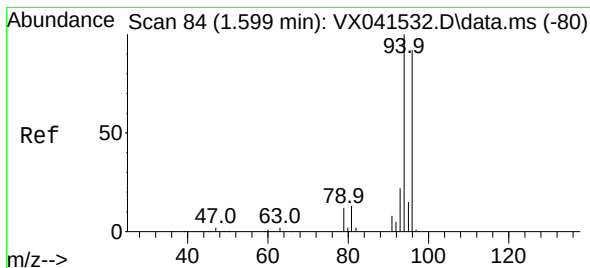
Tgt Ion: 50 Resp: 254945
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.8



#4
Vinyl Chloride
Concen: 149.156 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 62 Resp: 263691
Ion Ratio Lower Upper
62 100
64 32.9 24.6 37.0





#5

Bromomethane

Concen: 154.278 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

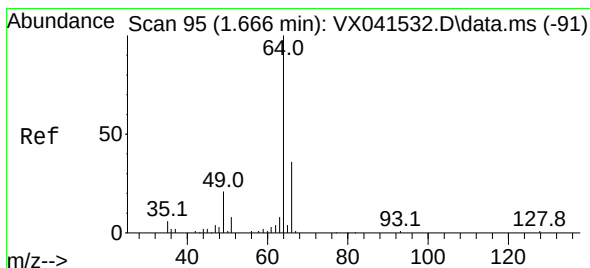
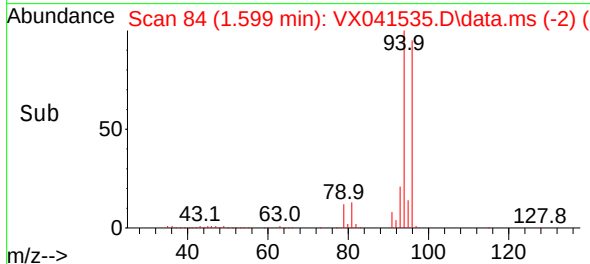
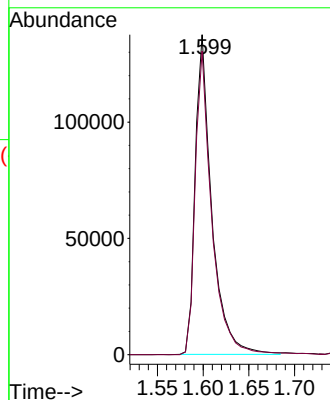
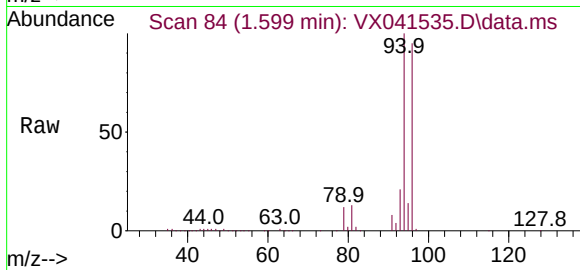
VSTDIC150

Tgt Ion: 94 Resp: 173478

Ion Ratio Lower Upper

94 100

96 95.0 73.9 110.9



#6

Chloroethane

Concen: 137.096 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX041535.D

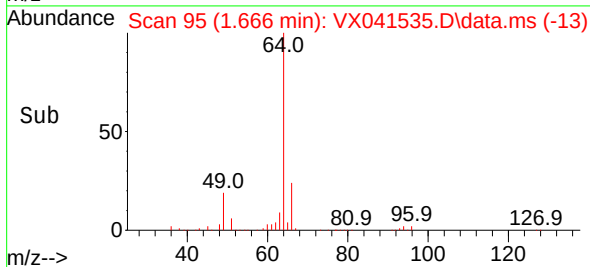
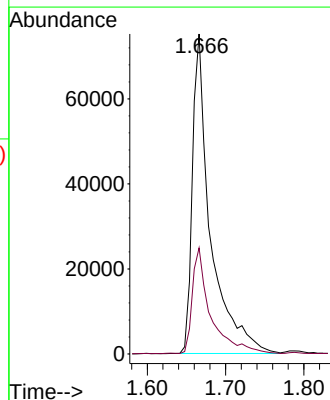
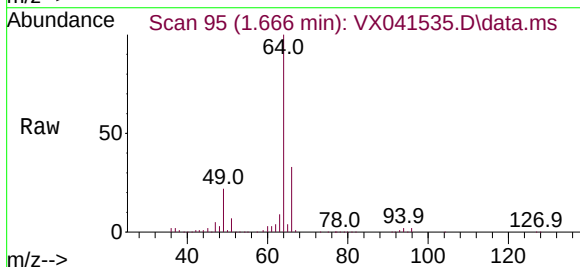
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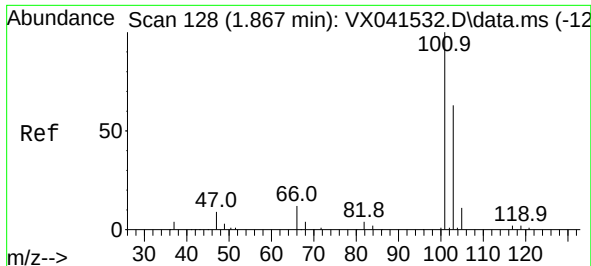
Tgt Ion: 64 Resp: 120395

Ion Ratio Lower Upper

64 100

66 33.1 28.6 42.8

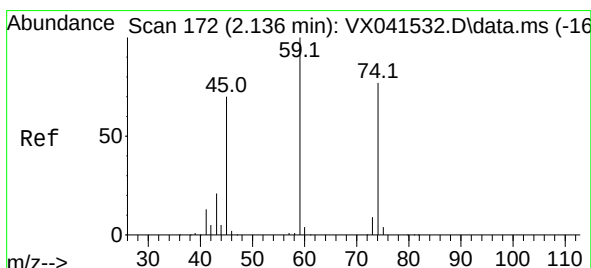
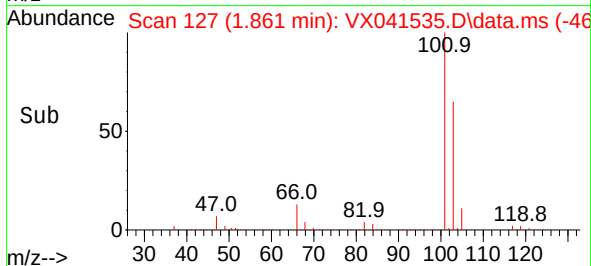
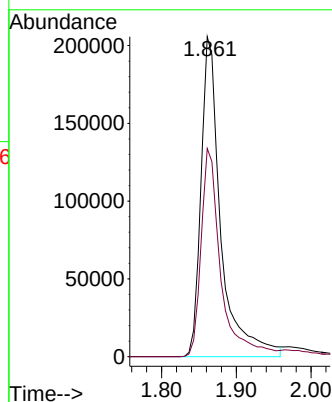
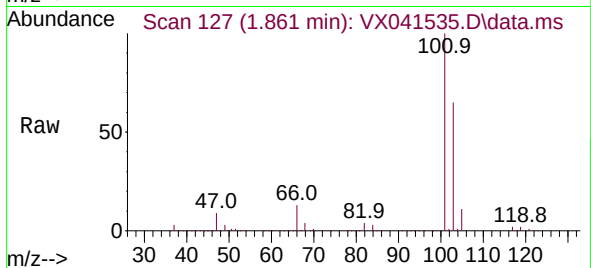




#7
 Trichlorofluoromethane
 Concen: 141.179 ug/l
 RT: 1.861 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX041535.D
 Acq: 15 May 2024 13:06

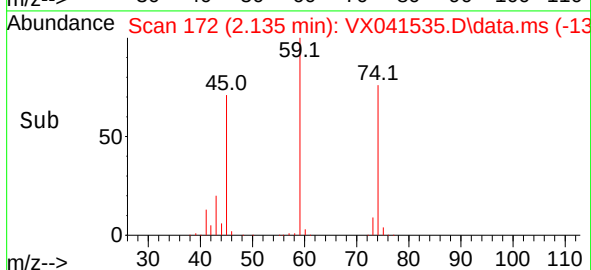
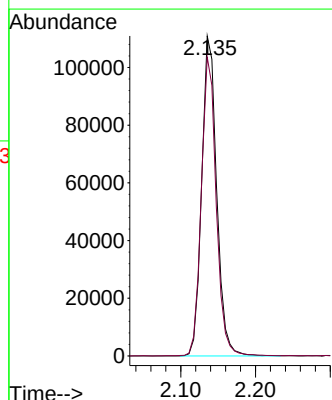
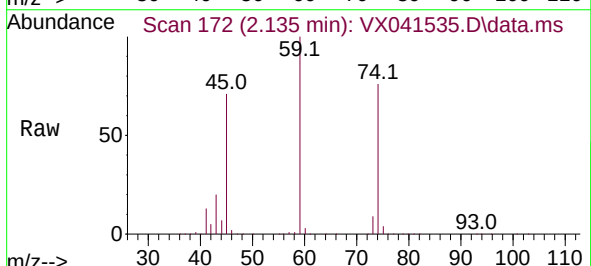
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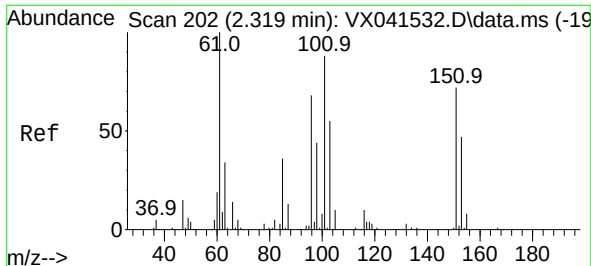
Tgt Ion:101 Resp: 378848
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 153.748 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX041535.D
 Acq: 15 May 2024 13:06

Tgt Ion: 74 Resp: 154072
 Ion Ratio Lower Upper
 74 100
 45 93.0 18.6 167.4

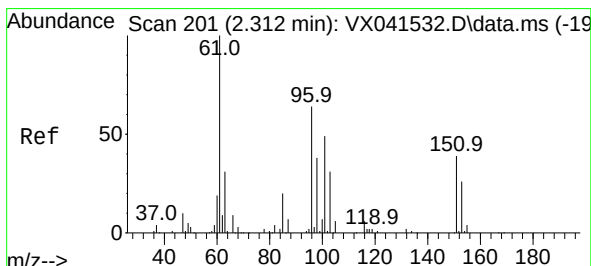
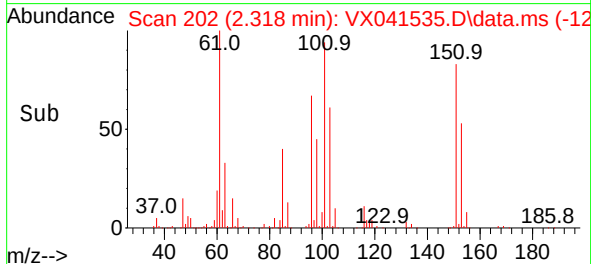
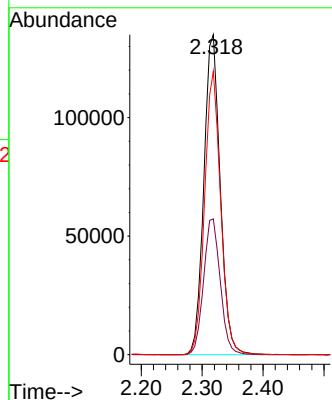
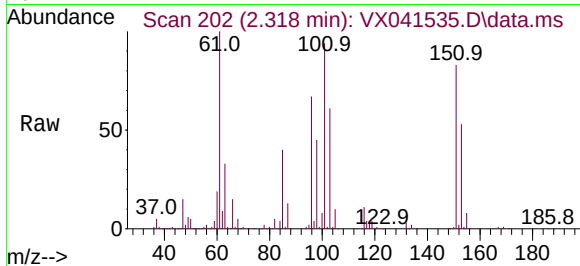




#9
1,1,2-Trichlorotrifluoroethane
Concen: 162.040 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

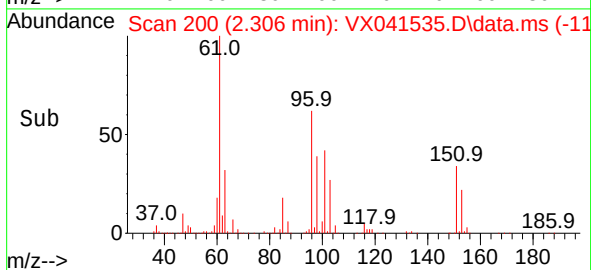
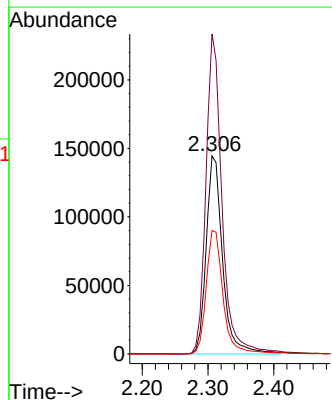
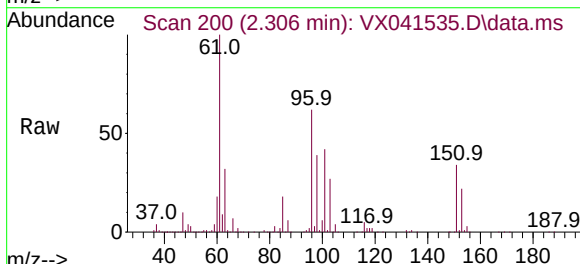
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

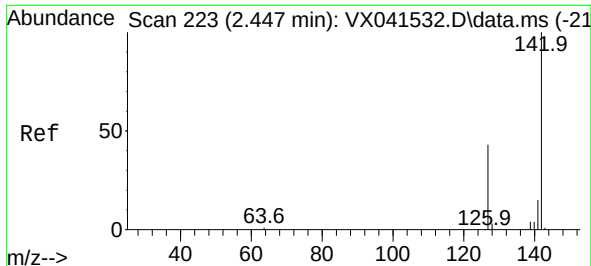
Tgt Ion:101 Resp: 252154
Ion Ratio Lower Upper
101 100
85 43.3 0.0 84.6
151 87.1 0.0 170.2



#10
1,1-Dichloroethene
Concen: 167.812 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 96 Resp: 251706
Ion Ratio Lower Upper
96 100
61 161.5 124.5 186.7
98 62.3 47.9 71.9





#11

Methyl Iodide

Concen: 173.847 ug/l

RT: 2.446 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041535.D

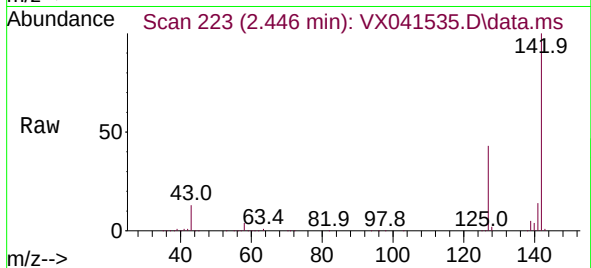
Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



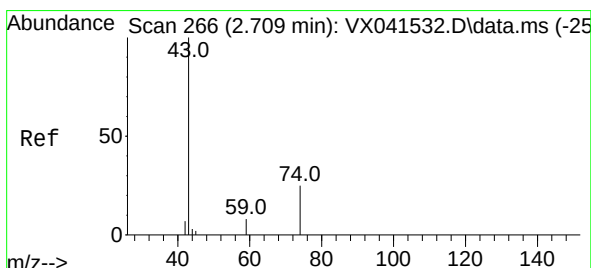
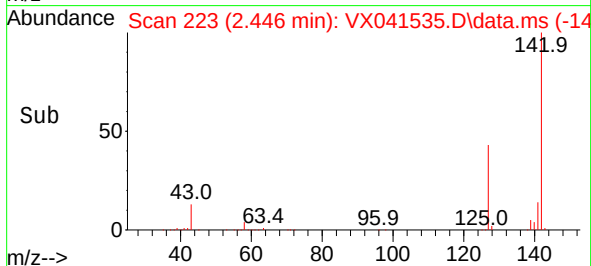
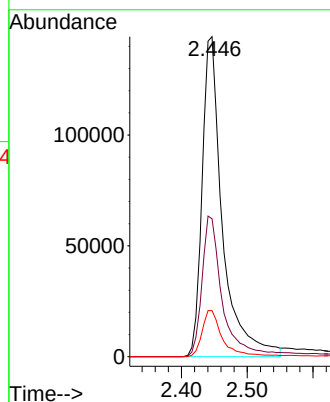
Tgt Ion:142 Resp: 310577

Ion Ratio Lower Upper

142 100

127 43.0 21.4 64.2

141 14.4 7.6 22.8



#12

Methyl Acetate

Concen: 153.822 ug/l

RT: 2.708 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041535.D

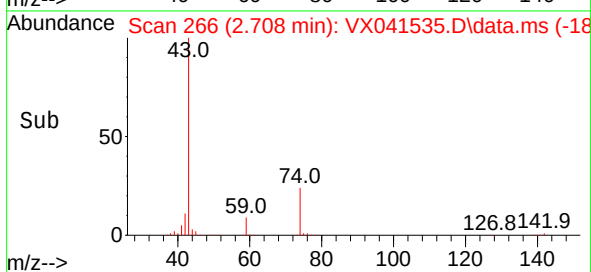
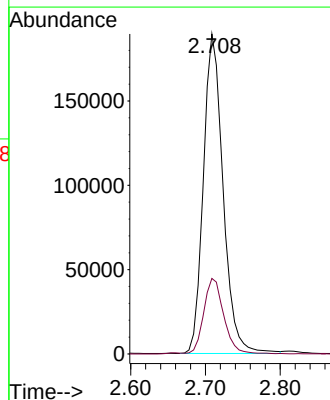
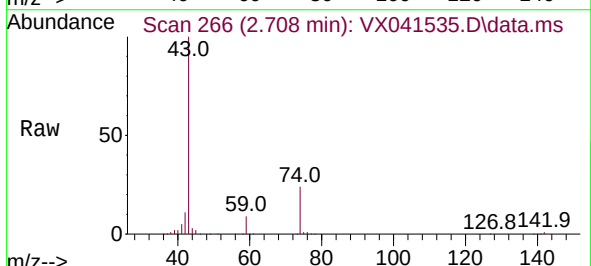
Acq: 15 May 2024 13:06

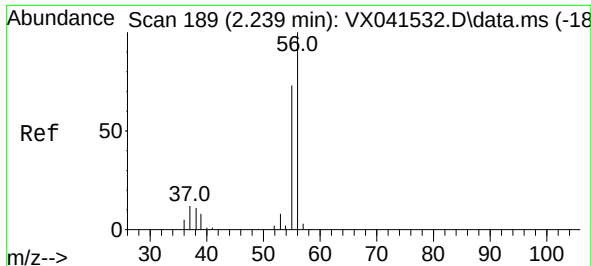
Tgt Ion: 43 Resp: 347347

Ion Ratio Lower Upper

43 100

74 23.5 19.9 29.9





#13

Acrolein

Concen: 930.023 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

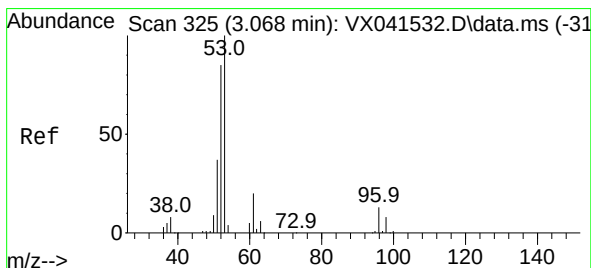
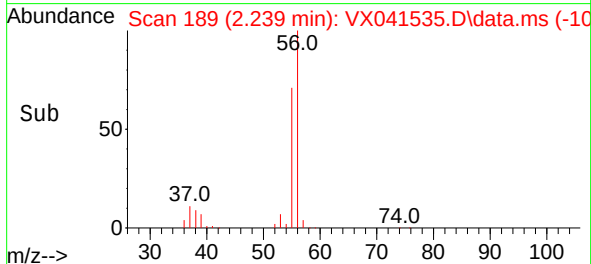
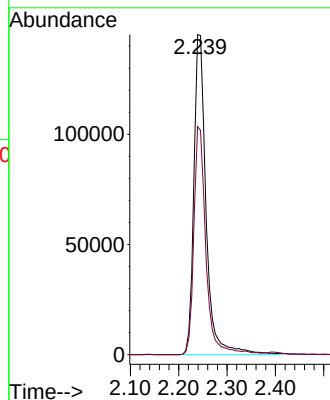
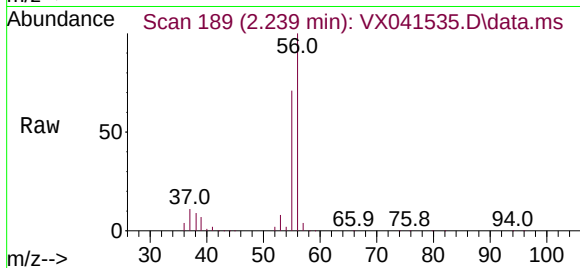
VSTDIC150

Tgt Ion: 56 Resp: 255766

Ion Ratio Lower Upper

56 100

55 69.3 55.1 82.7



#14

Acrylonitrile

Concen: 769.391 ug/l

RT: 3.074 min Scan# 326

Delta R.T. 0.006 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

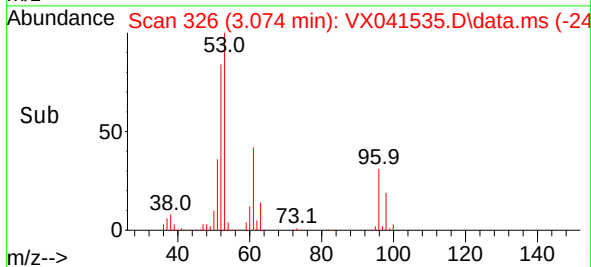
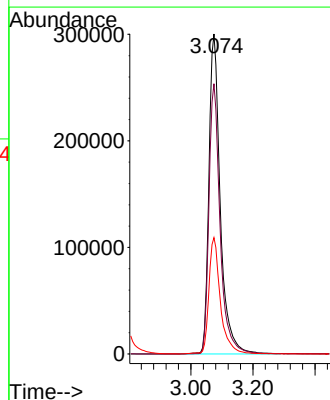
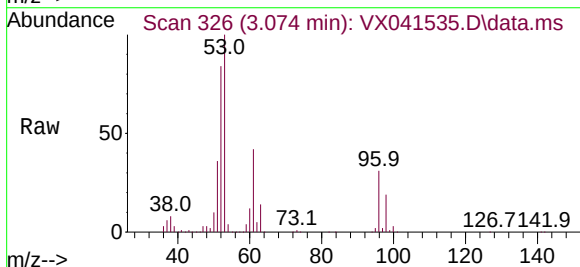
Tgt Ion: 53 Resp: 764156

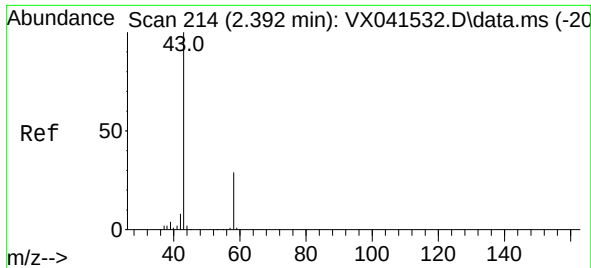
Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.7

51 36.5 18.4 55.0

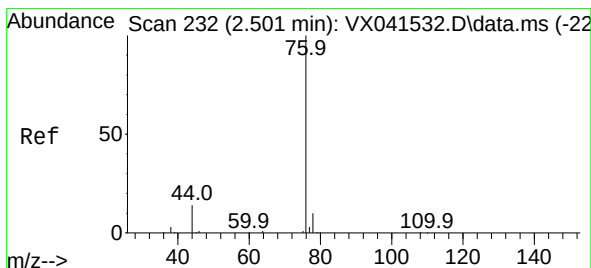
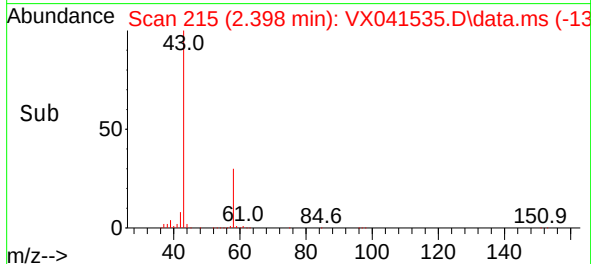
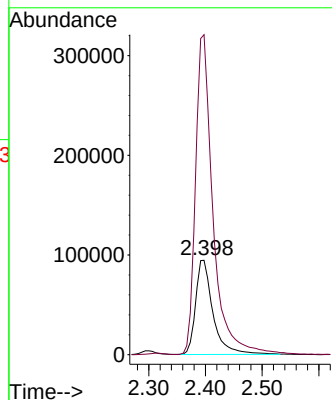
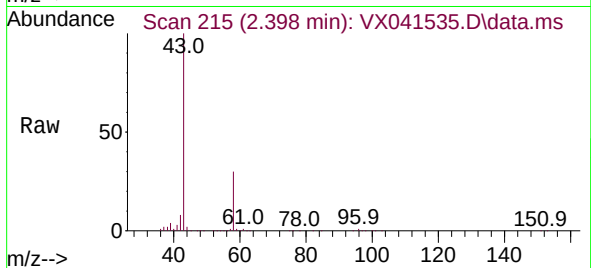




#15
Acetone
Concen: 756.809 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

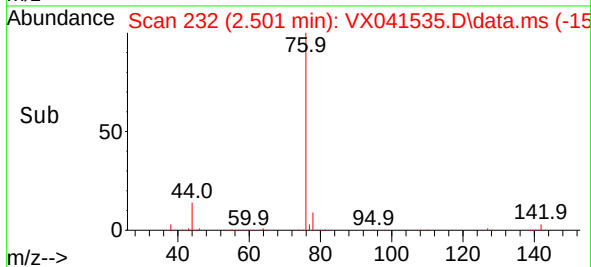
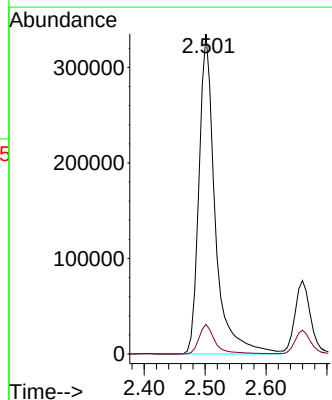
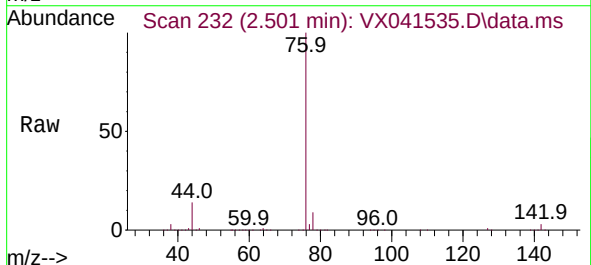
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

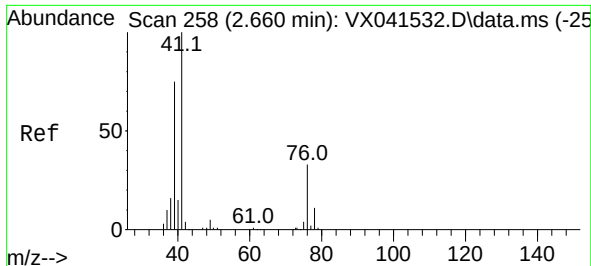
Tgt Ion: 58 Resp: 201394
Ion Ratio Lower Upper
58 100
43 339.7 274.0 411.0



#16
Carbon Disulfide
Concen: 182.721 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 76 Resp: 618798
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

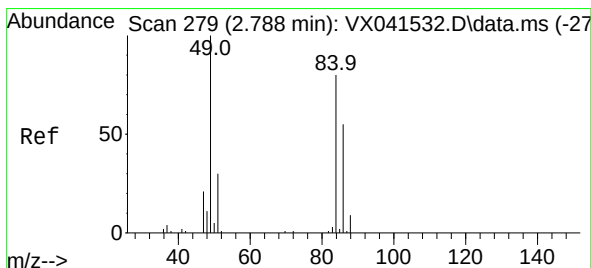
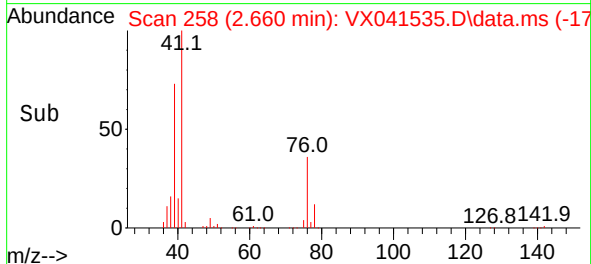
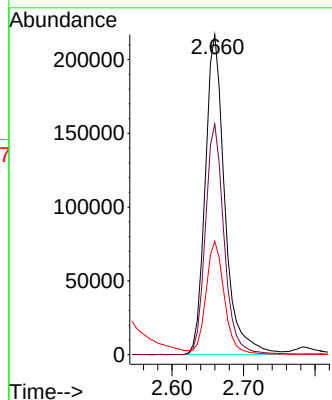
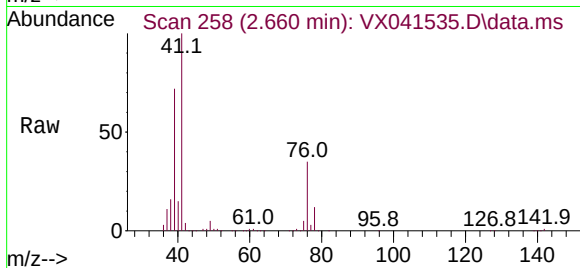




#17
 Allyl chloride
 Concen: 155.573 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX041535.D
 Acq: 15 May 2024 13:06

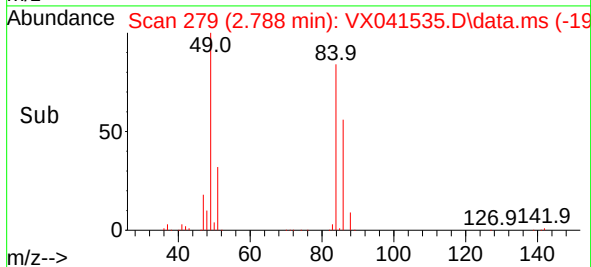
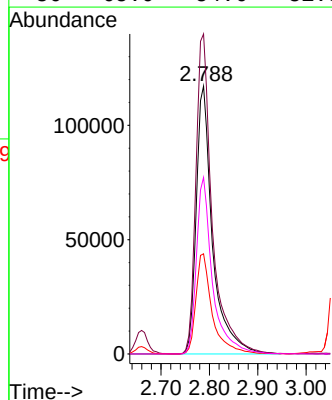
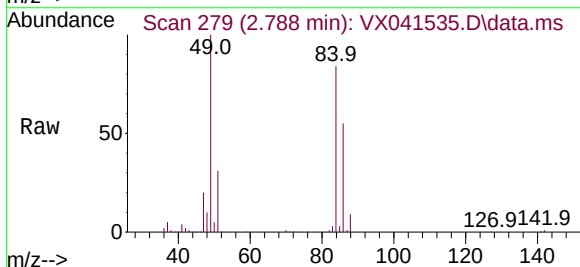
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

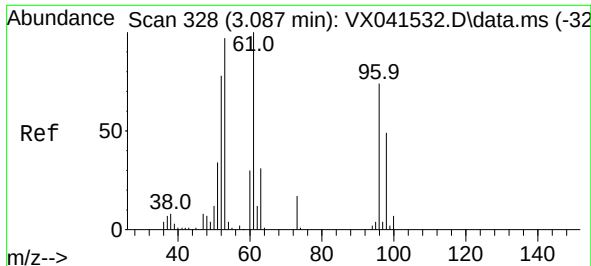
Tgt Ion:	41	Resp:	414109
Ion	Ratio	Lower	Upper
41	100		
39	72.1	37.5	112.7
76	35.3	16.6	49.8



#18
 Methylene Chloride
 Concen: 154.004 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX041535.D
 Acq: 15 May 2024 13:06

Tgt Ion:	84	Resp:	274737
Ion	Ratio	Lower	Upper
84	100		
49	119.4	99.8	149.8
51	37.4	30.2	45.4
86	65.9	54.6	81.8





#19

trans-1,2-Dichloroethene

Concen: 152.912 ug/l

RT: 3.086 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

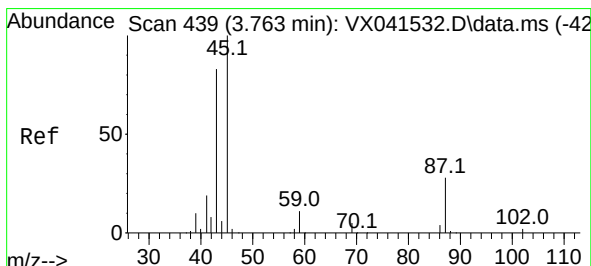
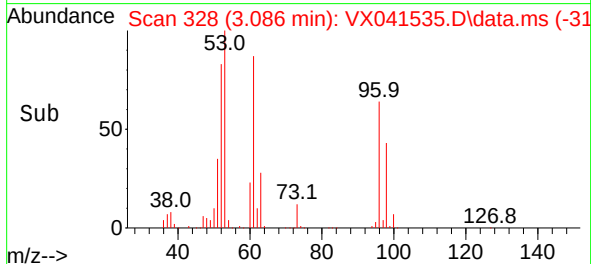
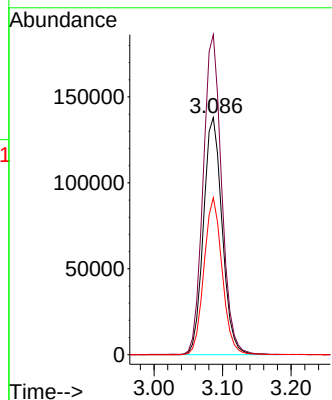
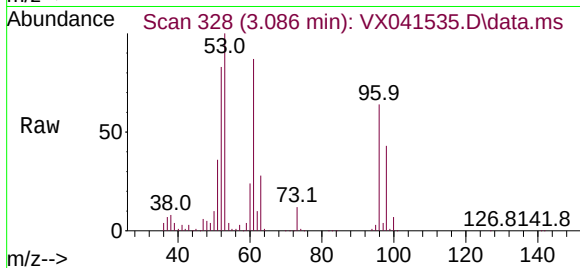
Tgt Ion: 96 Resp: 263005

Ion Ratio Lower Upper

96 100

61 134.8 107.7 161.5

98 66.2 53.1 79.7



#20

Diisopropyl ether

Concen: 151.658 ug/l

RT: 3.769 min Scan# 440

Delta R.T. 0.006 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Tgt Ion: 45 Resp: 848176

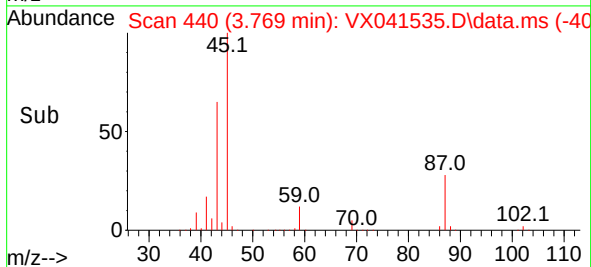
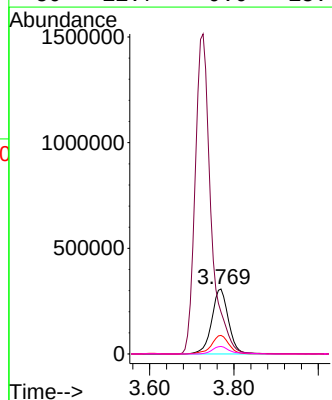
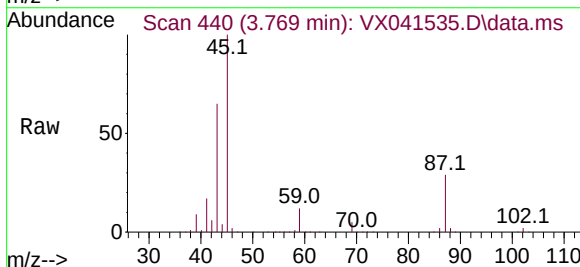
Ion Ratio Lower Upper

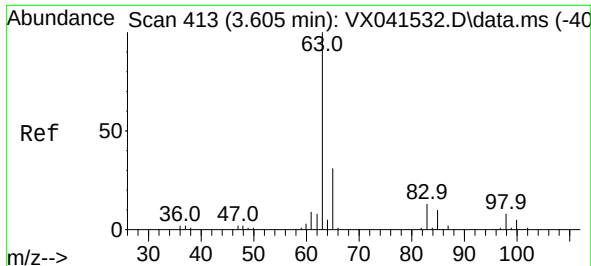
45 100

43 64.5 66.7 100.1#

87 28.5 22.4 33.6

59 11.7 9.0 13.4

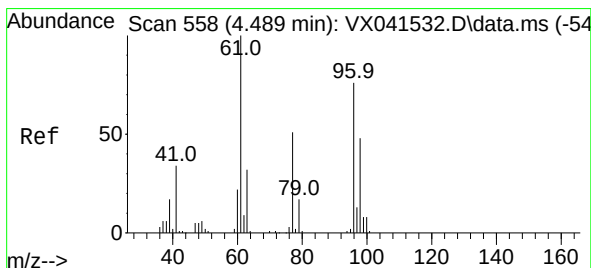
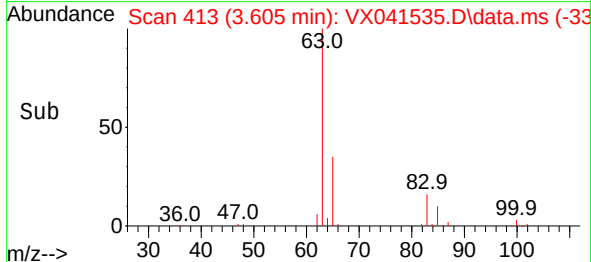
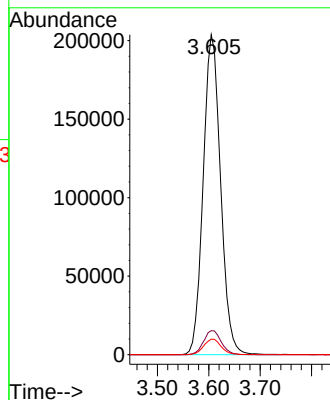
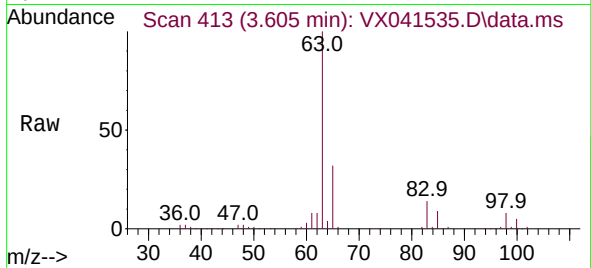




#21
1,1-Dichloroethane
Concen: 152.698 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

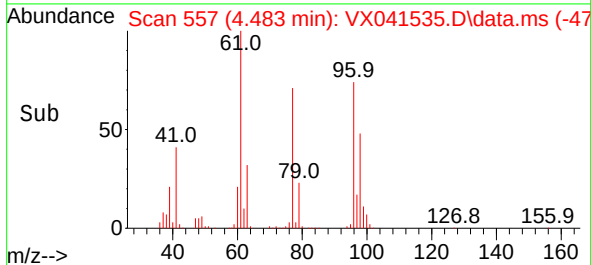
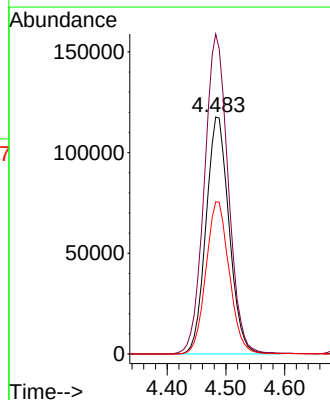
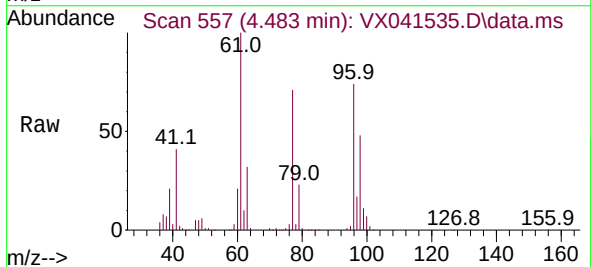
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

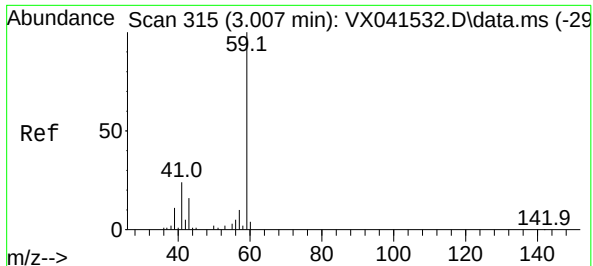
Tgt Ion: 63 Resp: 479291
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.4
100 4.9 2.5 7.4



#22
cis-1,2-Dichloroethene
Concen: 154.112 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 96 Resp: 322099
Ion Ratio Lower Upper
96 100
61 139.0 114.2 171.4
98 64.7 52.6 79.0





#23

tert-Butyl Alcohol

Concen: 827.562 ug/l

RT: 3.026 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

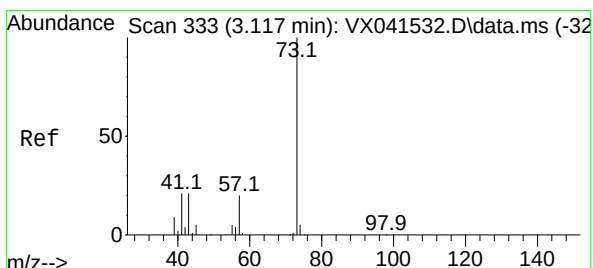
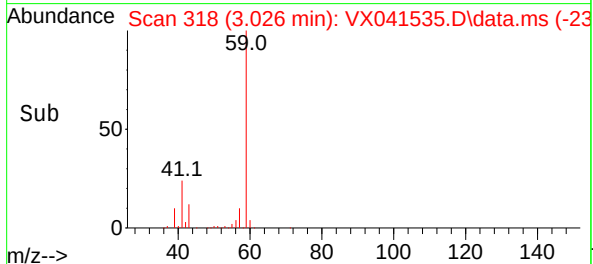
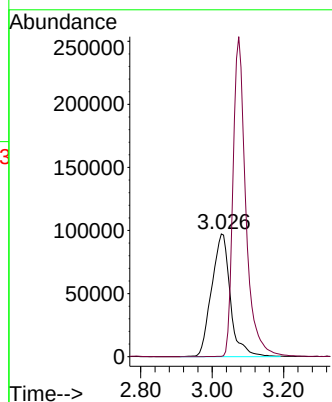
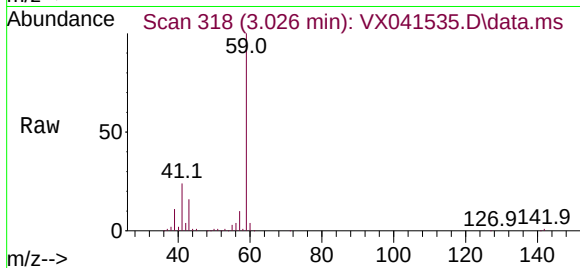
VSTDIC150

Tgt Ion: 59 Resp: 353930

Ion Ratio Lower Upper

59 100

52 0.2 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 153.079 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX041535.D

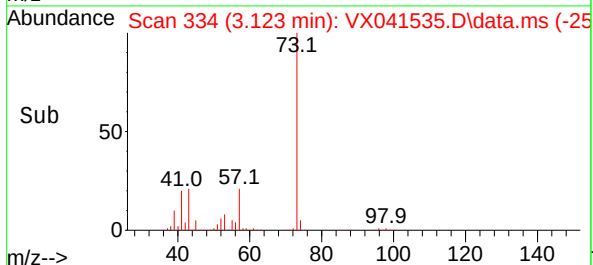
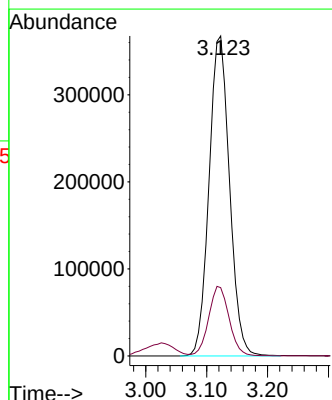
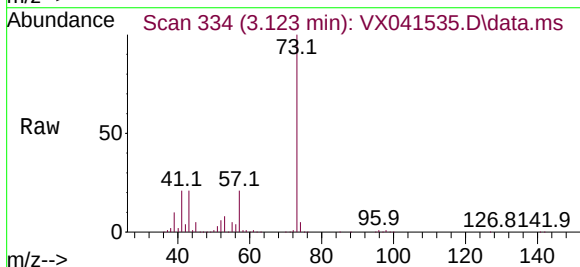
Acq: 15 May 2024 13:06

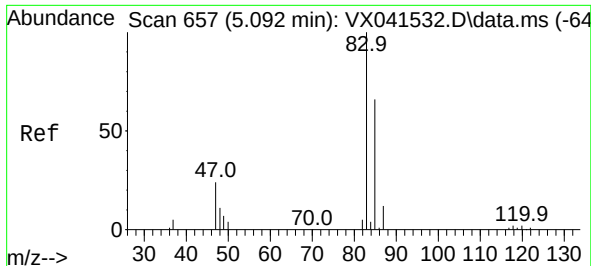
Tgt Ion: 73 Resp: 857228

Ion Ratio Lower Upper

73 100

43 21.7 17.2 25.8





#25

Chloroform

Concen: 149.753 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

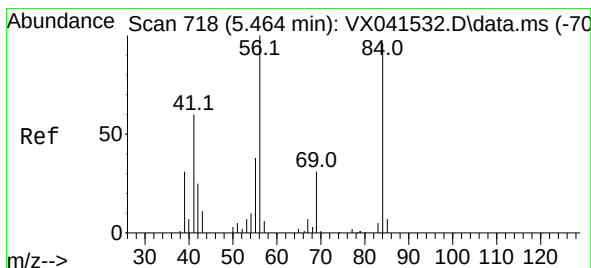
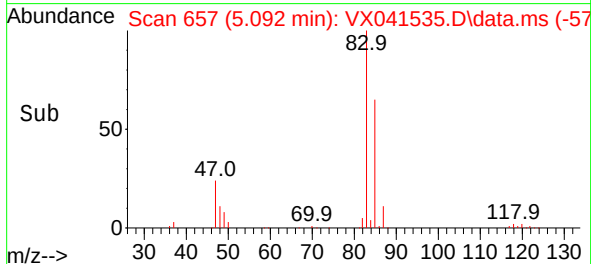
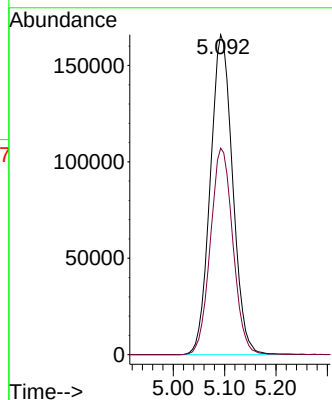
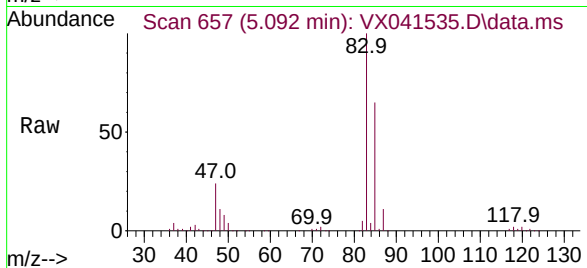
VSTDIC150

Tgt Ion: 83 Resp: 500748

Ion Ratio Lower Upper

83 100

85 64.6 52.9 79.3



#26

Cyclohexane

Concen: 152.214 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

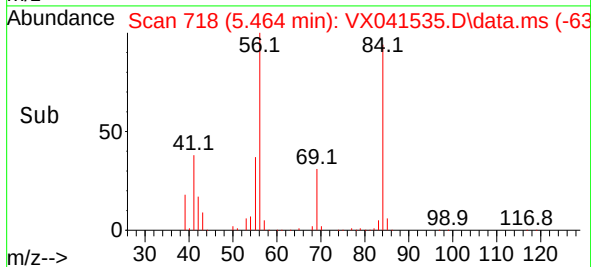
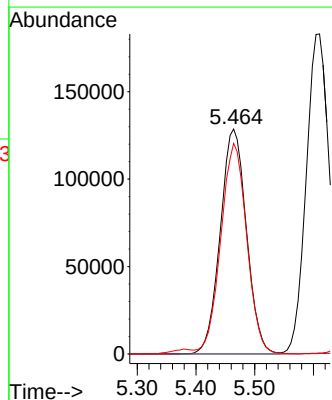
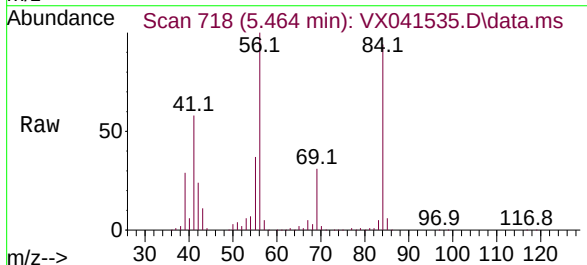
Tgt Ion: 56 Resp: 398416

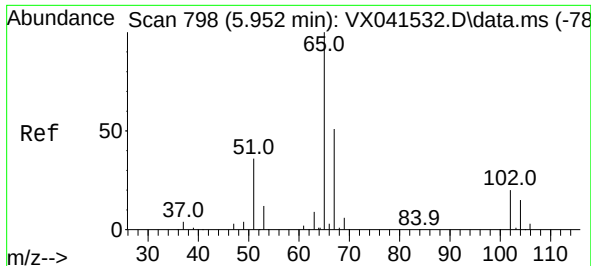
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.8 74.0 111.0

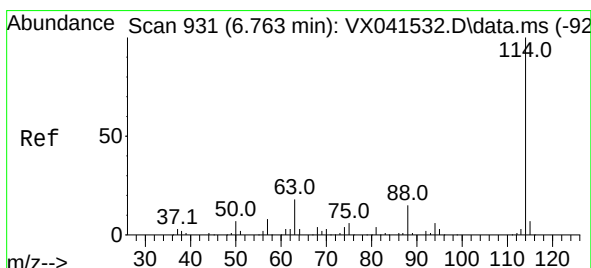
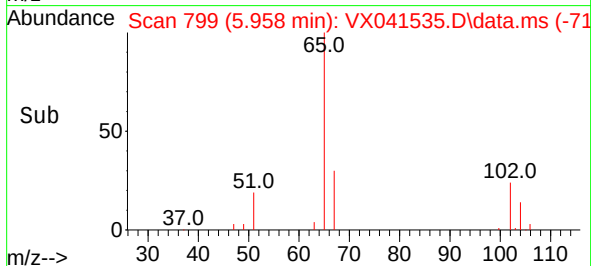
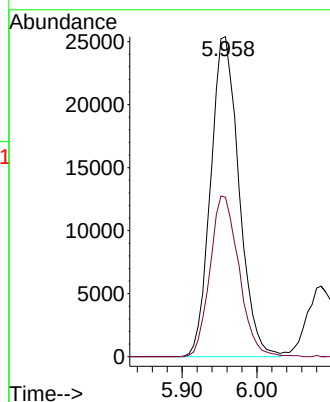
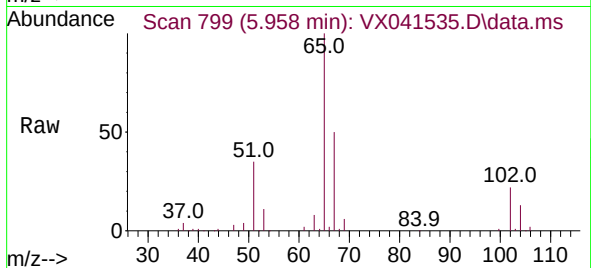




#27
1,2-Dichloroethane-d4
Concen: 29.000 ug/l
RT: 5.958 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

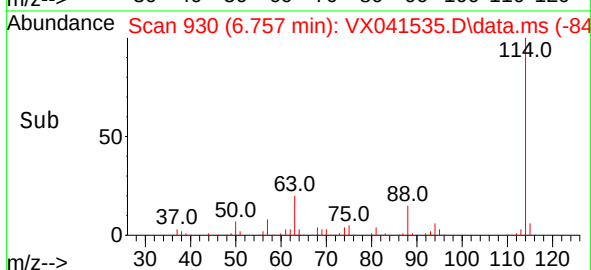
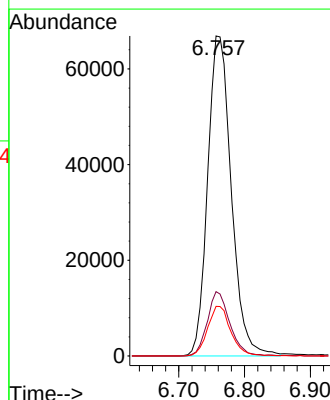
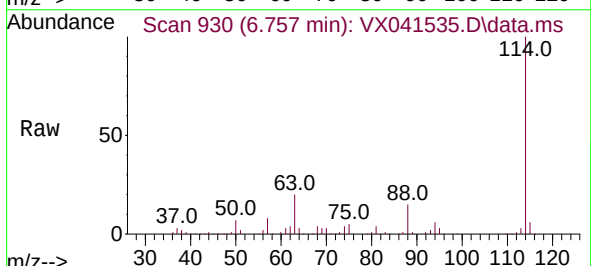
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

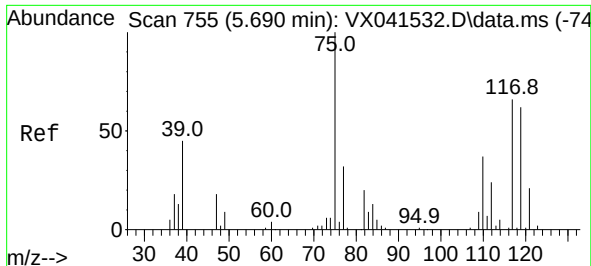
Tgt Ion: 65 Resp: 66951
Ion Ratio Lower Upper
65 100
67 51.2 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion:114 Resp: 167564
Ion Ratio Lower Upper
114 100
63 19.0 15.4 23.0
88 15.1 12.2 18.2

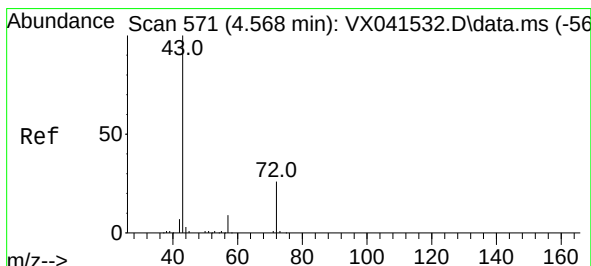
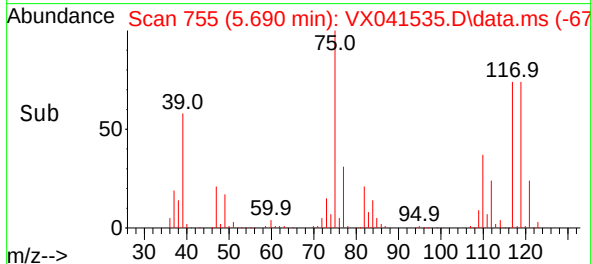
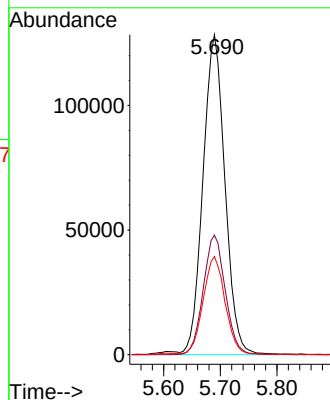
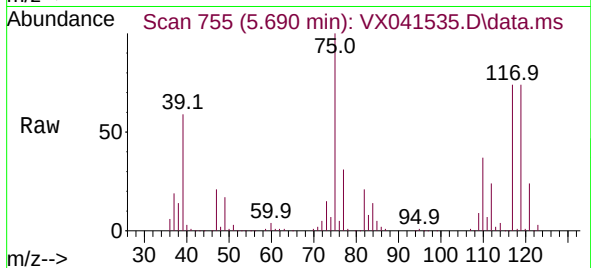




#29
1,1-Dichloropropene
Concen: 155.801 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

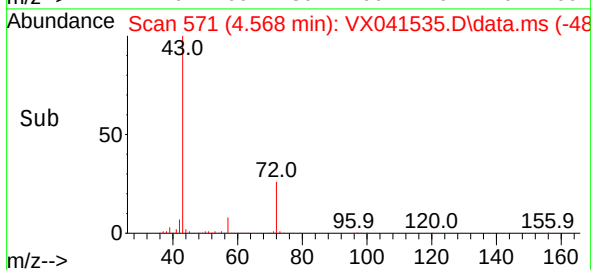
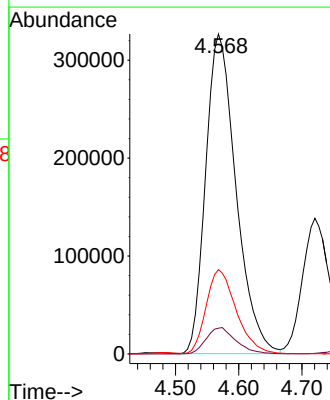
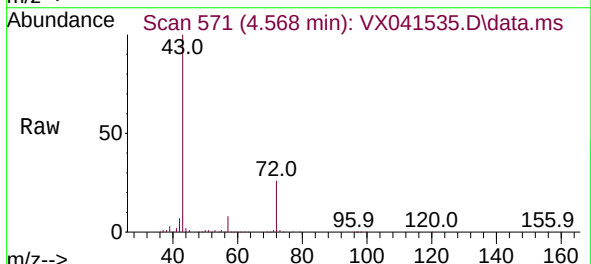
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

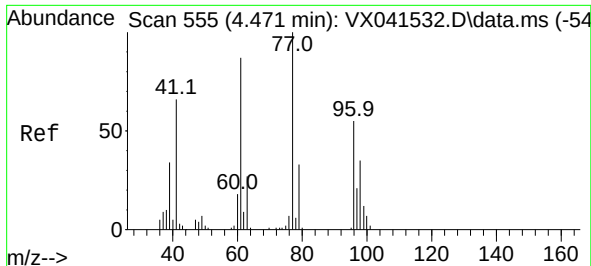
Tgt Ion: 75 Resp: 345342
Ion Ratio Lower Upper
75 100
110 37.4 0.0 74.4
77 30.5 0.0 62.6



#30
2-Butanone
Concen: 738.179 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 43 Resp: 1086047
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 26.2 20.7 31.1

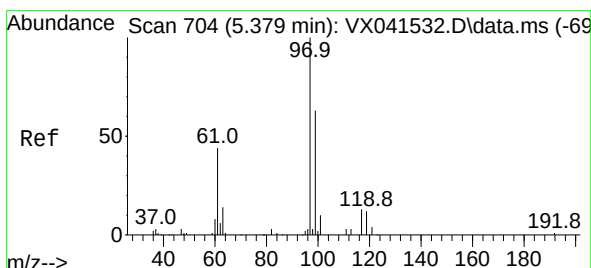
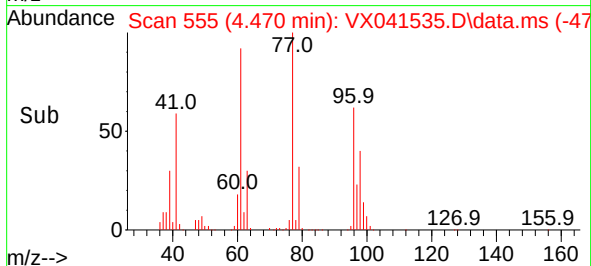
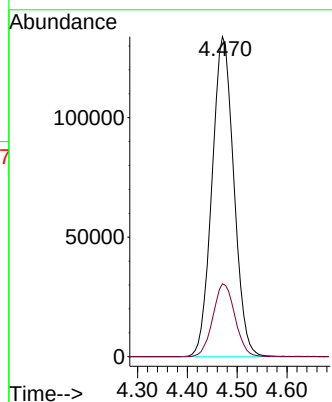
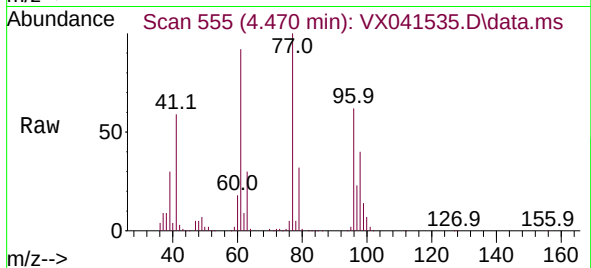




#31
2,2-Dichloropropane
Concen: 156.722 ug/l
RT: 4.470 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

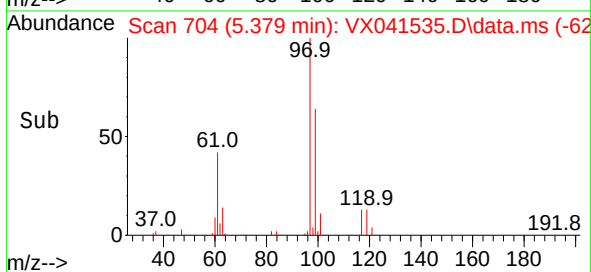
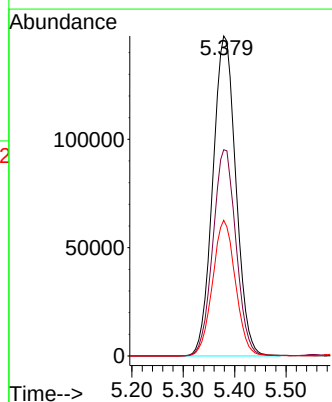
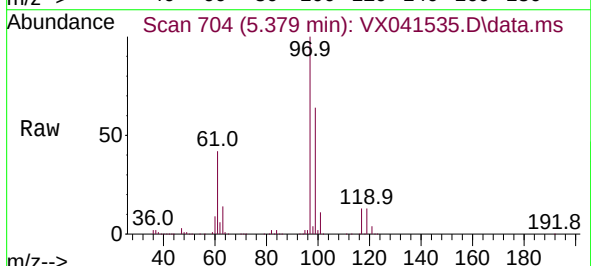
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

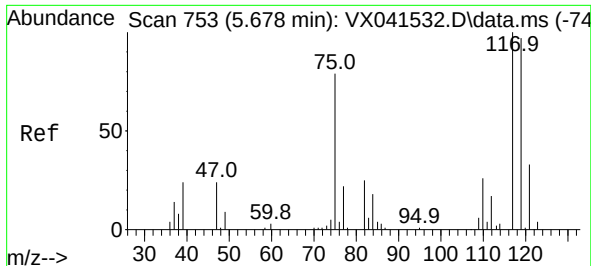
Tgt Ion: 77 Resp: 407701
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 155.065 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 97 Resp: 461189
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 42.1 34.6 51.8

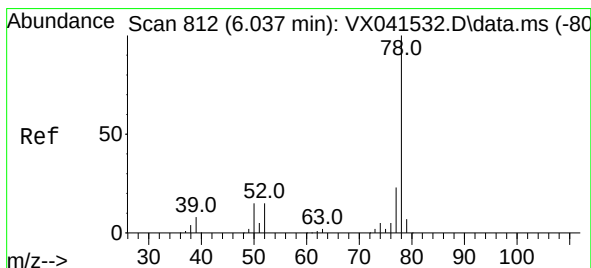
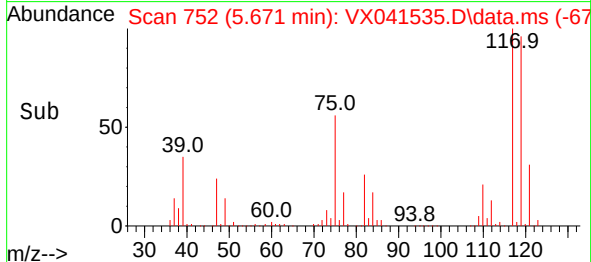
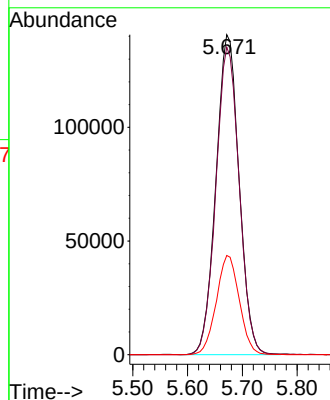
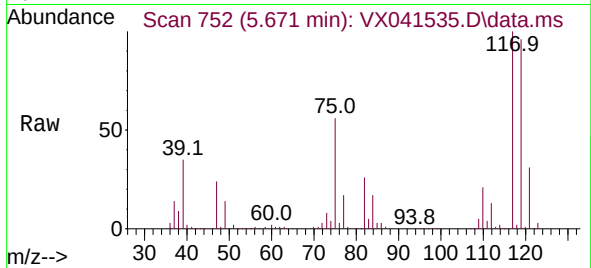




#33
Carbon Tetrachloride
Concen: 162.023 ug/l
RT: 5.671 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

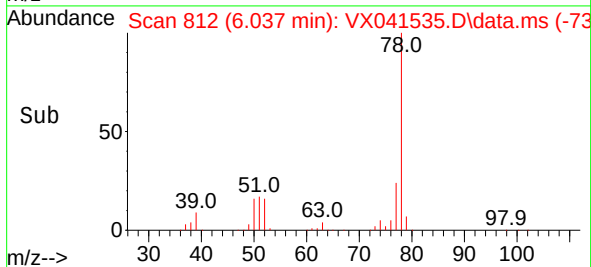
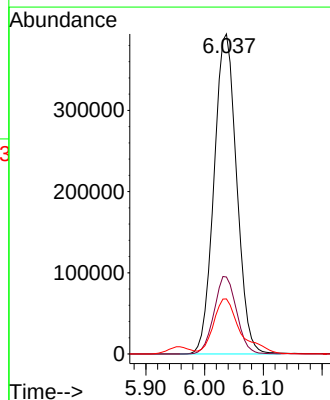
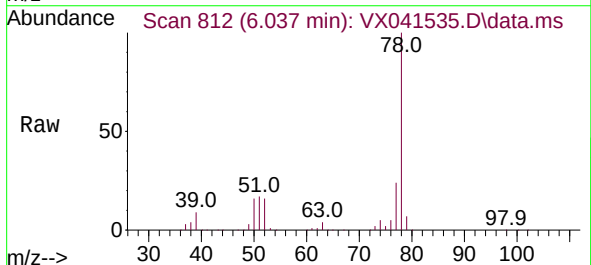
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

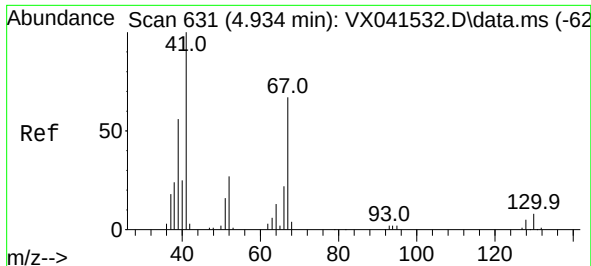
Tgt Ion:117 Resp: 412314
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.2
121 31.0 26.4 39.6



#34
Benzene
Concen: 150.671 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 78 Resp: 1054736
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0
51 17.0 12.4 18.6





#35

Methacrylonitrile

Concen: 151.934 ug/l

RT: 4.928 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 225491

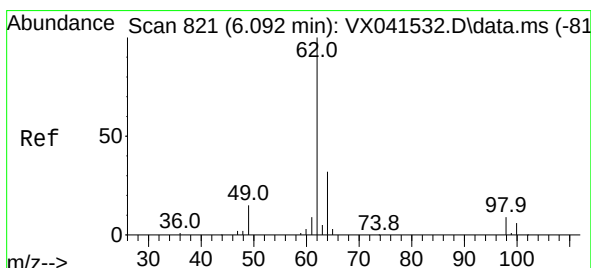
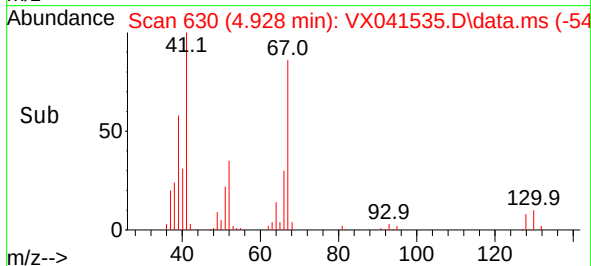
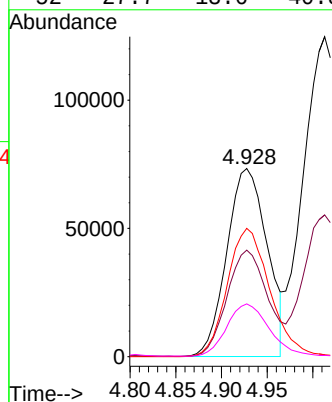
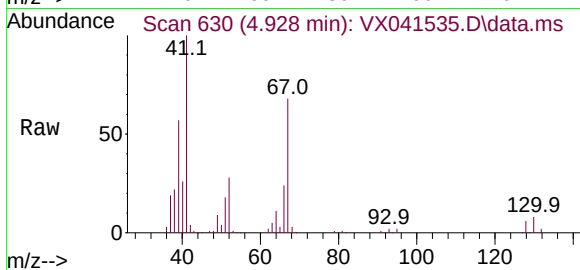
Ion Ratio Lower Upper

41 100

39 56.5 28.1 84.4

67 68.3 33.7 101.1

52 27.7 13.6 40.8



#36

1,2-Dichloroethane

Concen: 149.931 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX041535.D

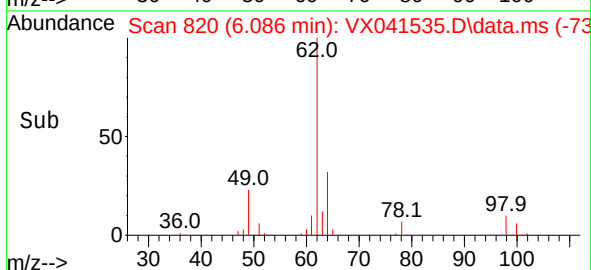
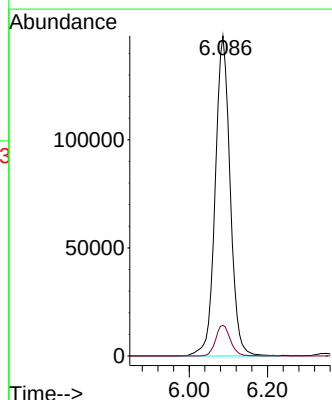
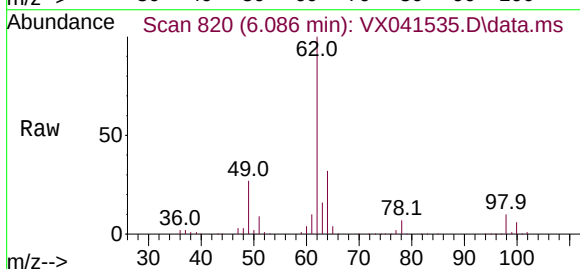
Acq: 15 May 2024 13:06

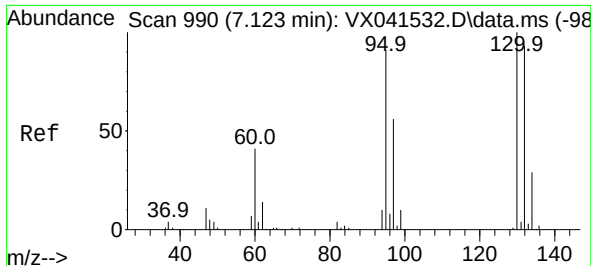
Tgt Ion: 62 Resp: 391660

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0





#37

Trichloroethene

Concen: 155.804 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

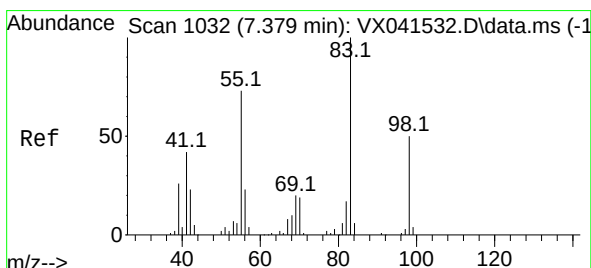
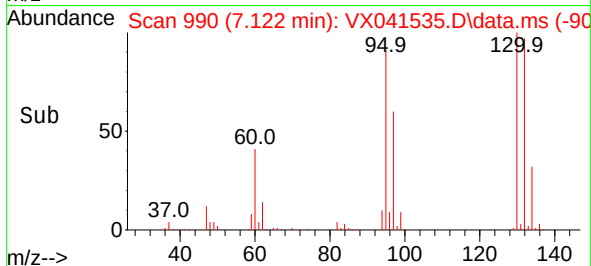
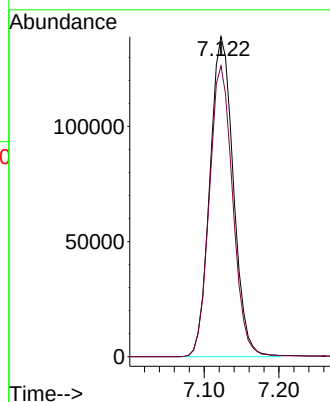
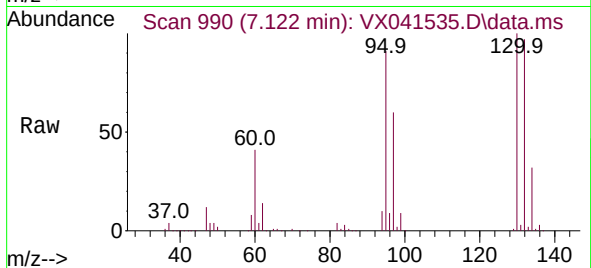
VSTDIC150

Tgt Ion:130 Resp: 303885

Ion Ratio Lower Upper

130 100

95 90.8 72.6 108.8



#38

Methylcyclohexane

Concen: 155.004 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

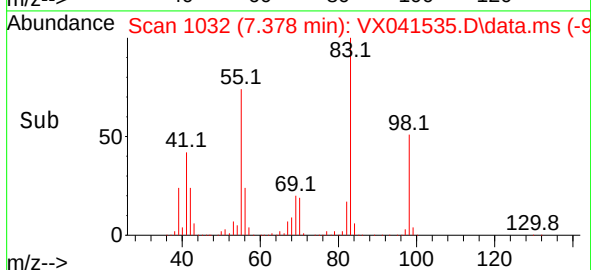
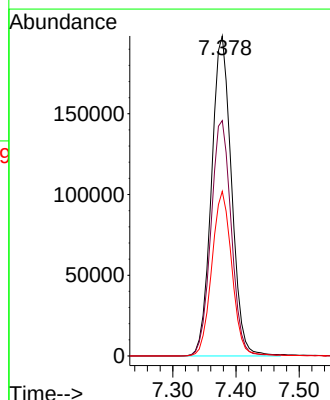
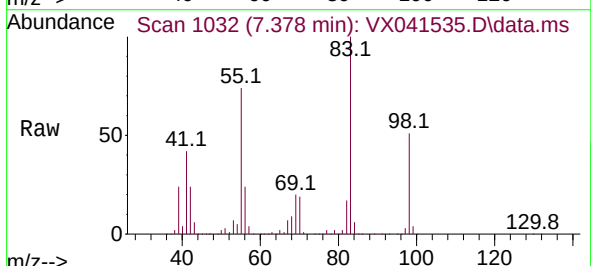
Tgt Ion: 83 Resp: 436250

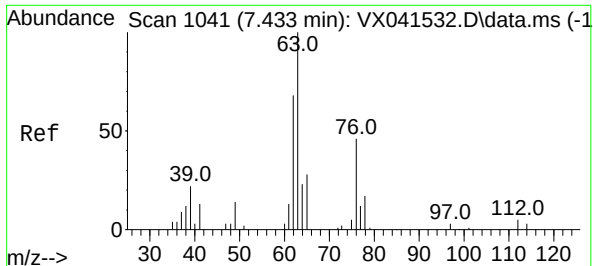
Ion Ratio Lower Upper

83 100

55 74.3 37.7 113.1

98 51.4 25.1 75.3

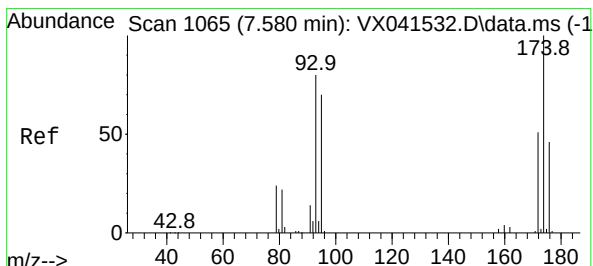
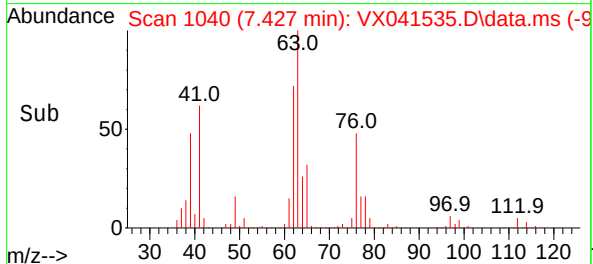
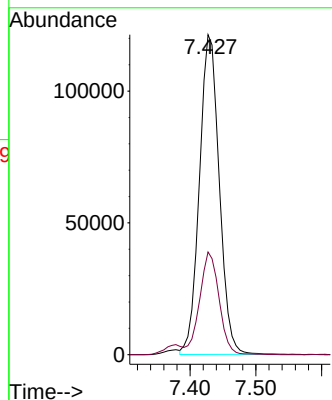
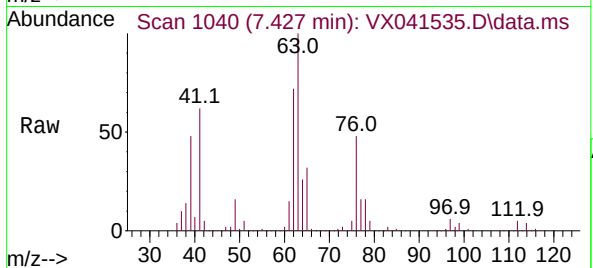




#39
1,2-Dichloropropane
Concen: 153.545 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

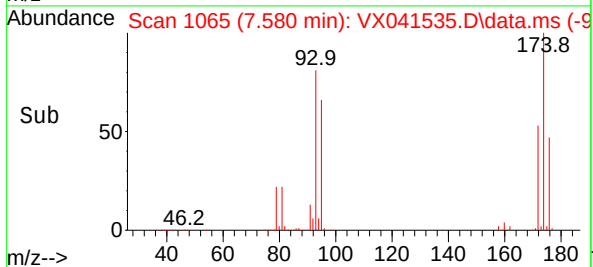
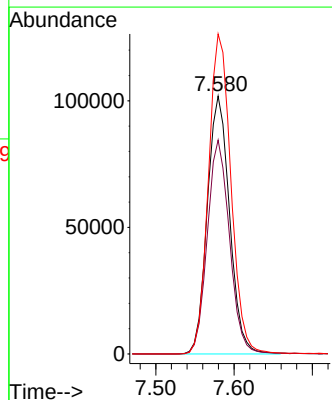
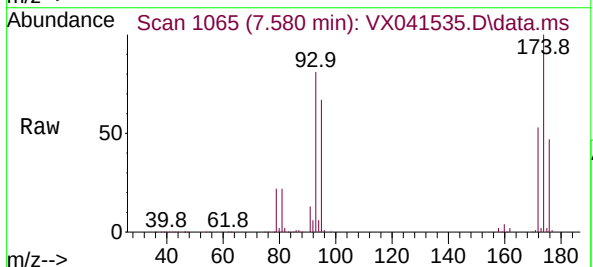
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

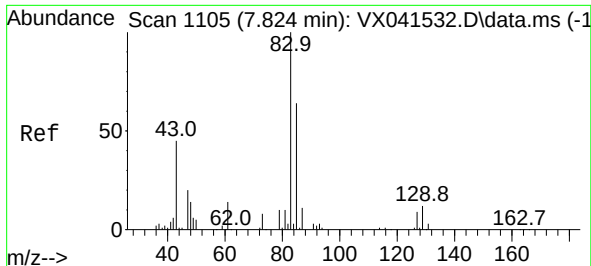
Tgt Ion: 63 Resp: 254082
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.2



#40
Dibromomethane
Concen: 154.568 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 93 Resp: 201301
Ion Ratio Lower Upper
93 100
95 82.8 0.0 168.6
174 125.2 0.0 249.8

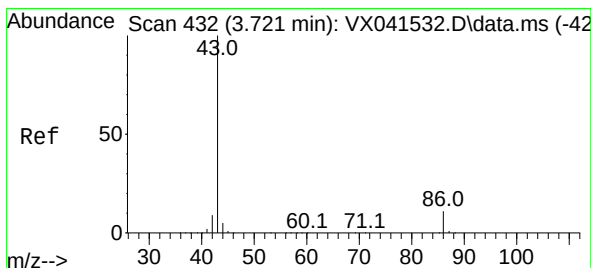
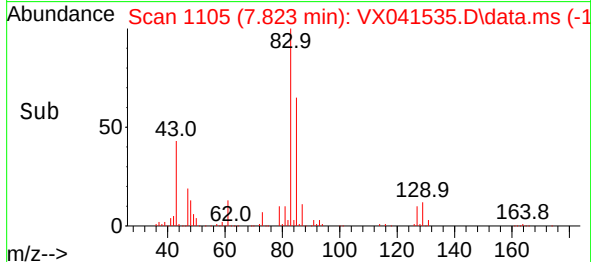
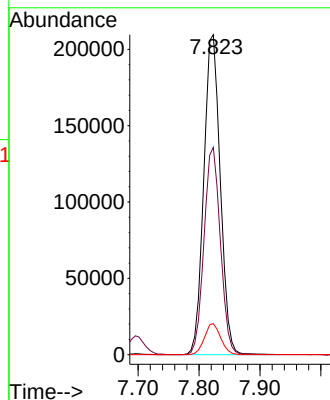
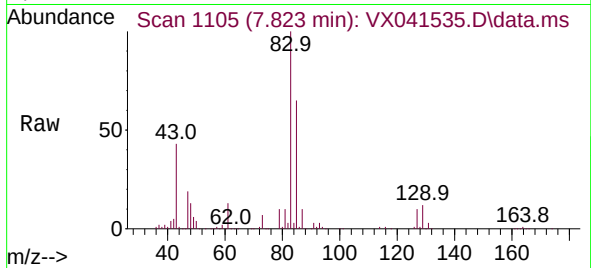




#41
Bromodichloromethane
Concen: 161.481 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

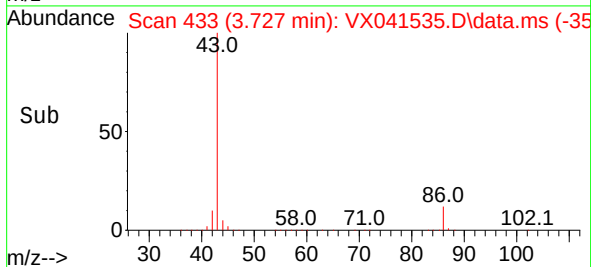
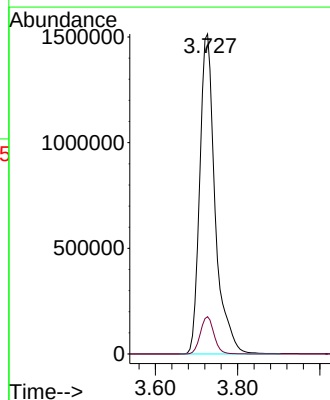
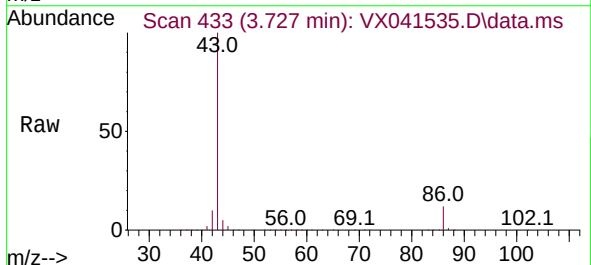
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

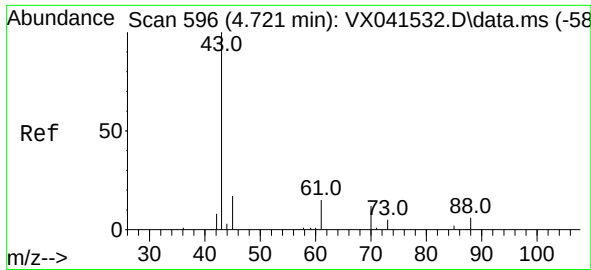
Tgt Ion: 83 Resp: 394825
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4
127 9.7 7.1 10.7



#42
Vinyl Acetate
Concen: 771.168 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 43 Resp: 3936488
Ion Ratio Lower Upper
43 100
86 10.3 7.8 11.6





#43

Ethyl Acetate

Concen: 148.735 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

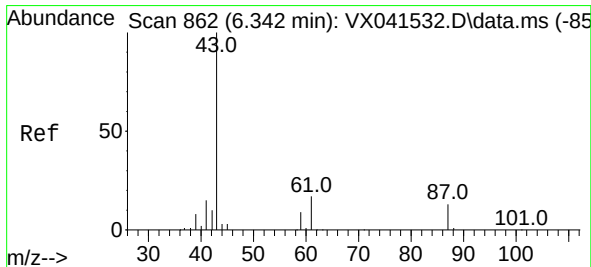
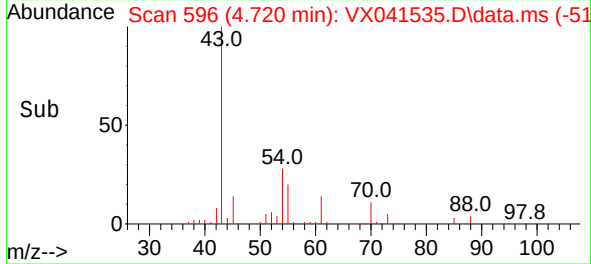
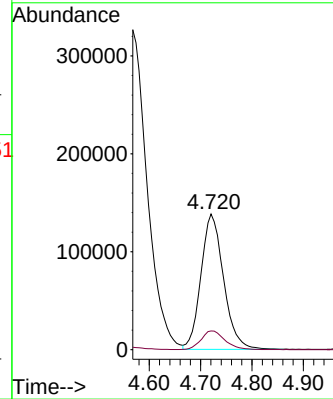
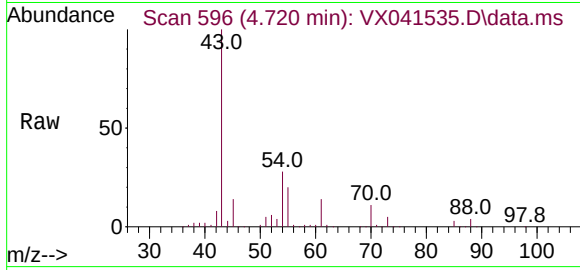
VSTDIC150

Tgt Ion: 43 Resp: 422225

Ion Ratio Lower Upper

43 100

45 14.7 11.9 17.9



#44

Isopropyl Acetate

Concen: 159.202 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041535.D

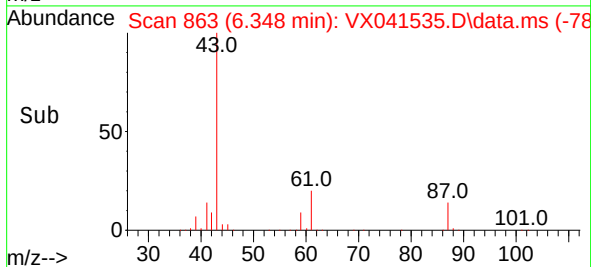
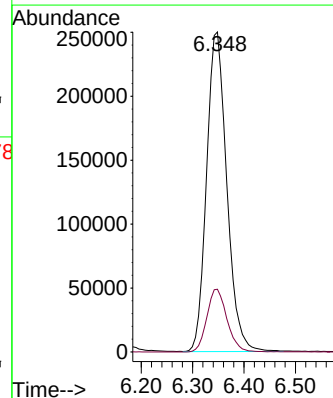
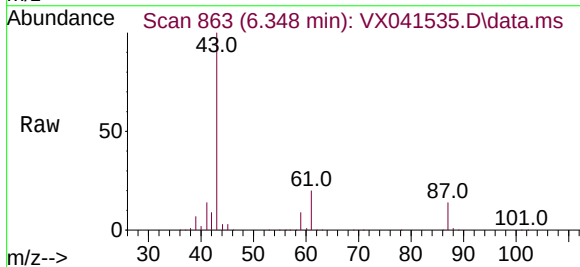
Acq: 15 May 2024 13:06

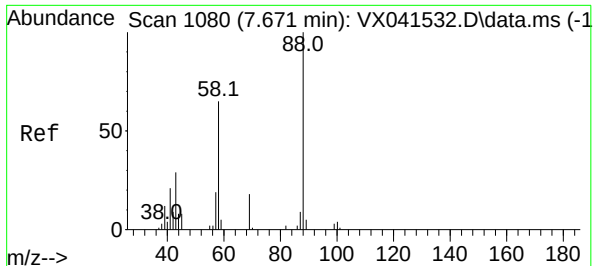
Tgt Ion: 43 Resp: 683165

Ion Ratio Lower Upper

43 100

61 19.6 15.3 22.9





#45

1,4-Dioxane

Concen: 3112.445 ug/l

RT: 7.671 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

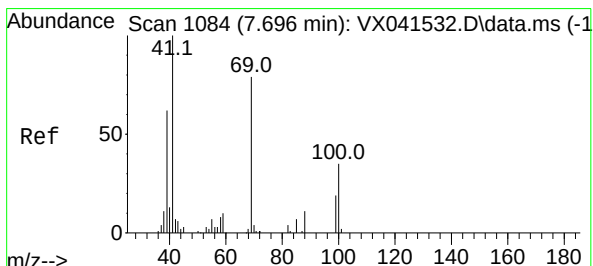
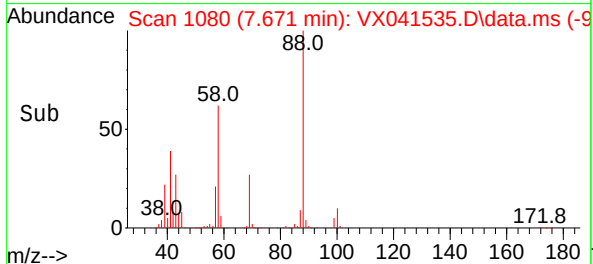
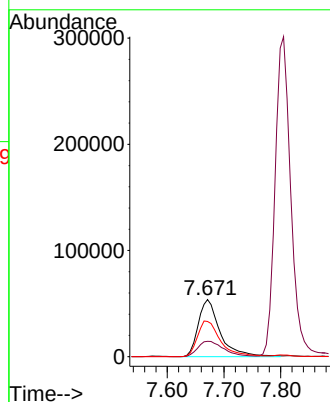
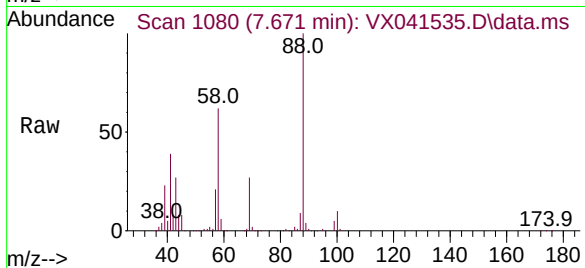
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 143235

Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.9	37.3
58	65.9	47.0	70.4



#46

Methyl methacrylate

Concen: 159.767 ug/l

RT: 7.695 min Scan# 1084

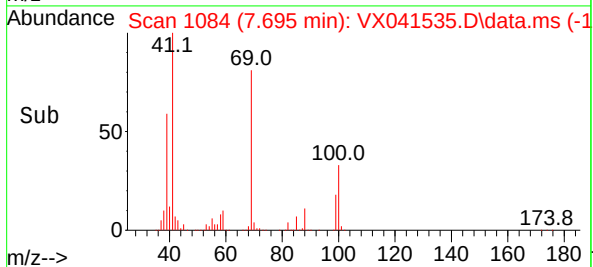
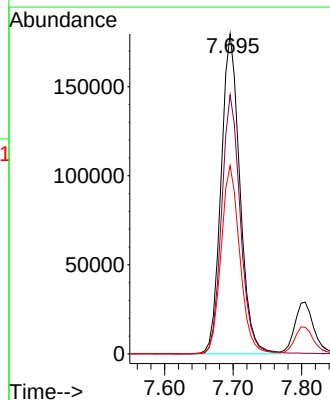
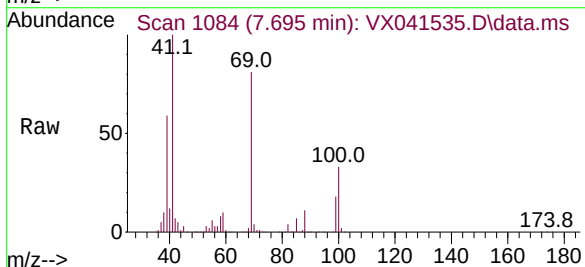
Delta R.T. -0.000 min

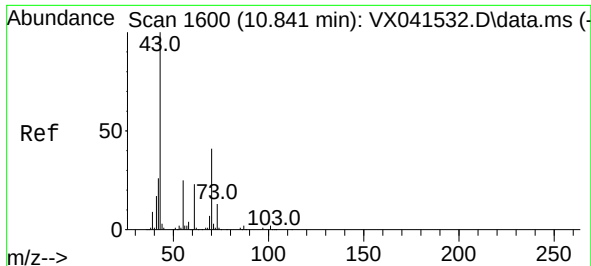
Lab File: VX041535.D

Acq: 15 May 2024 13:06

Tgt Ion: 41 Resp: 341114

Ion	Ratio	Lower	Upper
41	100		
69	81.0	39.6	119.0
39	58.8	30.9	92.8

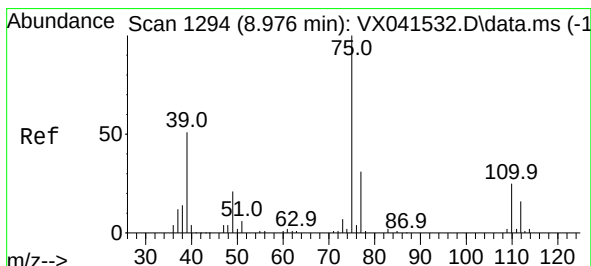
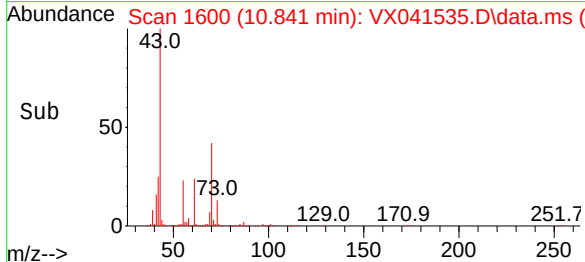
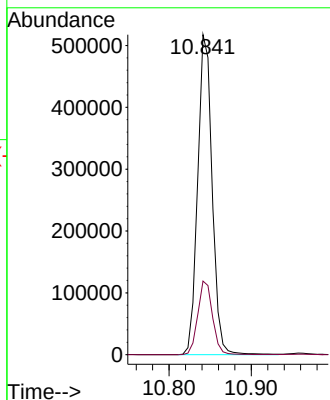
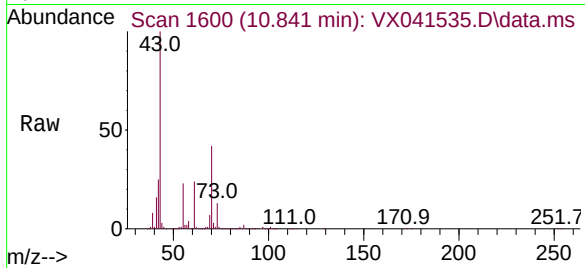




#47
n-amyl Acetate
Concen: 162.971 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

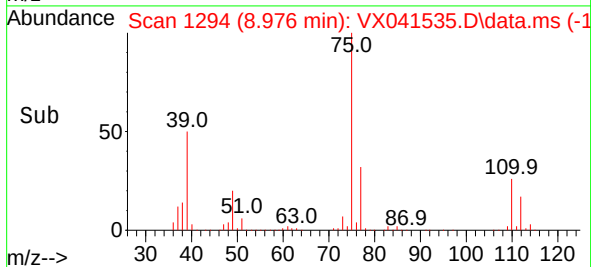
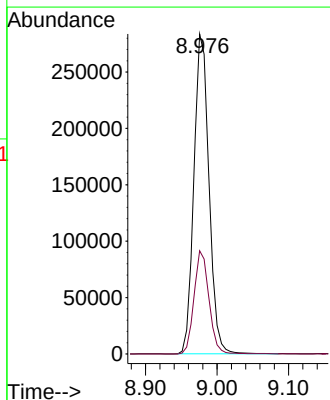
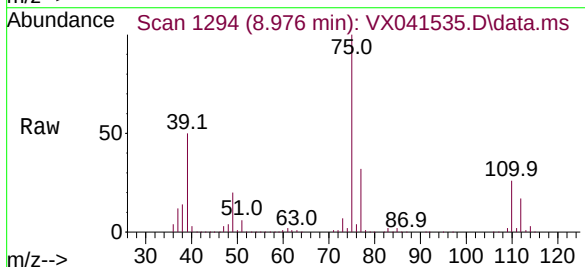
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

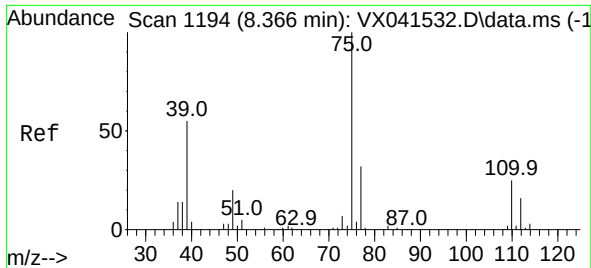
Tgt Ion: 43 Resp: 634180
Ion Ratio Lower Upper
43 100
55 23.5 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 168.888 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 75 Resp: 414688
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7

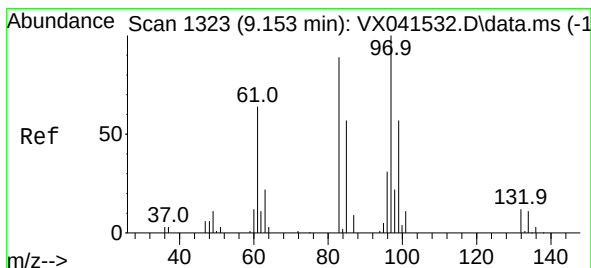
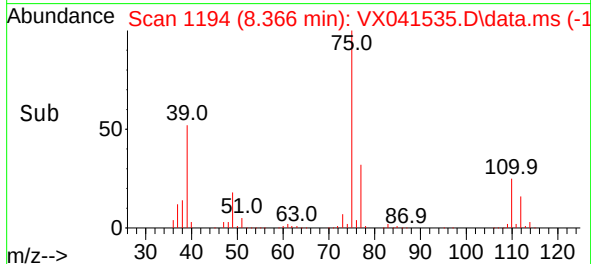
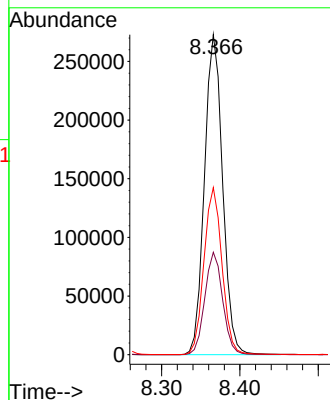
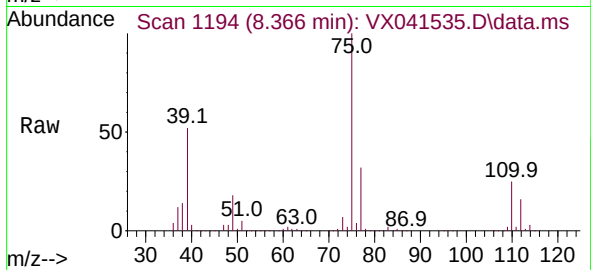




#49
cis-1,3-Dichloropropene
Concen: 165.049 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

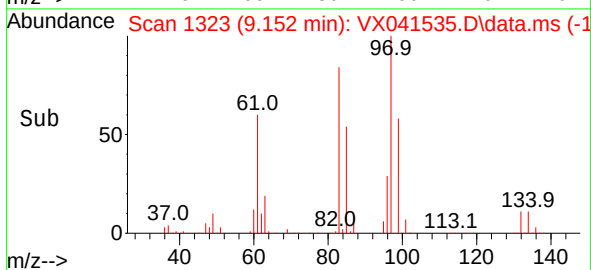
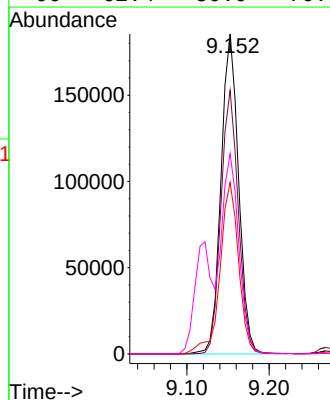
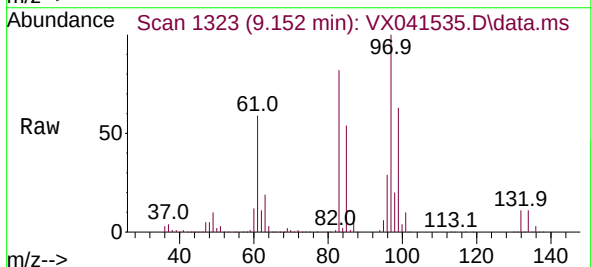
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

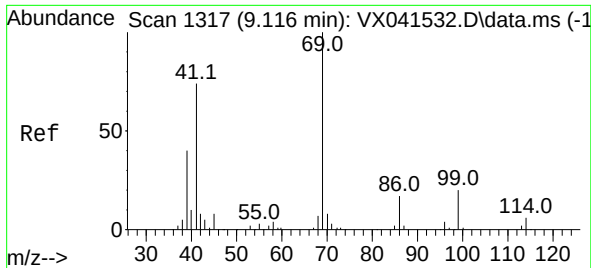
Tgt Ion: 75 Resp: 438957
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
39 52.2 43.6 65.4



#50
1,1,2-Trichloroethane
Concen: 152.260 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 97 Resp: 275854
Ion Ratio Lower Upper
97 100
83 82.4 71.3 106.9
85 53.5 45.7 68.5
99 62.4 50.9 76.3

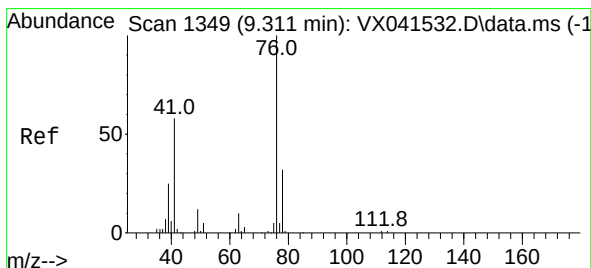
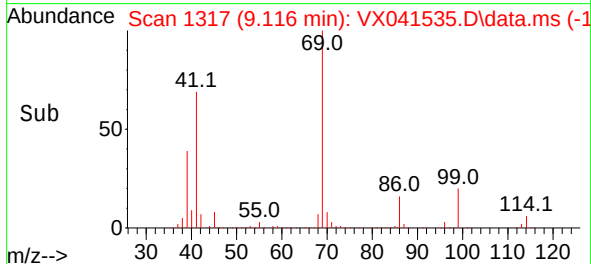
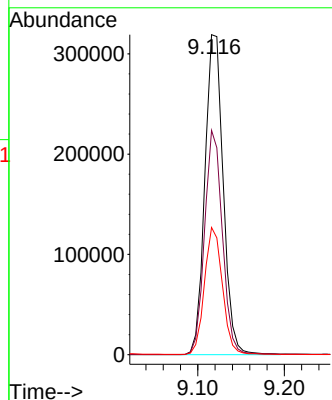
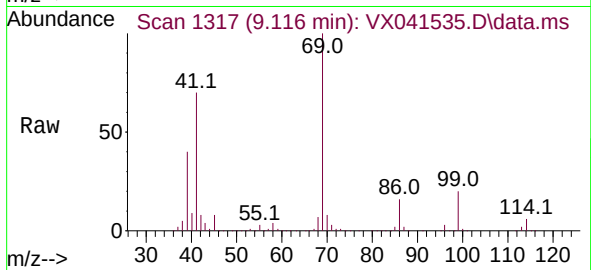




#51
Ethyl methacrylate
Concen: 161.250 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

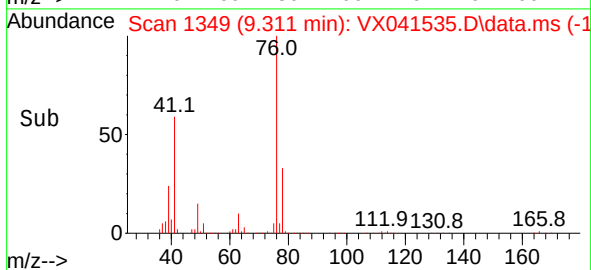
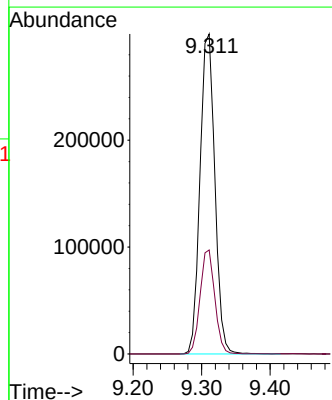
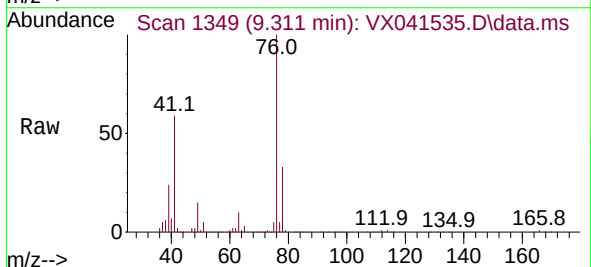
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

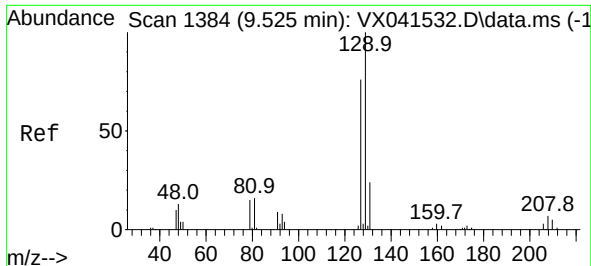
Tgt Ion: 69 Resp: 470229
Ion Ratio Lower Upper
69 100
41 70.0 37.1 111.3
39 39.6 20.2 60.6



#52
1,3-Dichloropropane
Concen: 151.194 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 76 Resp: 452642
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.4





#53

Dibromochloromethane

Concen: 168.785 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

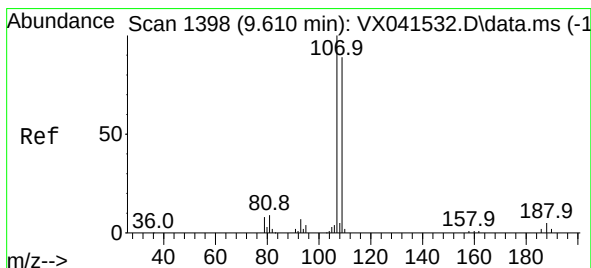
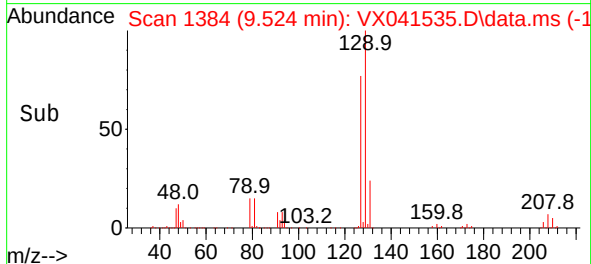
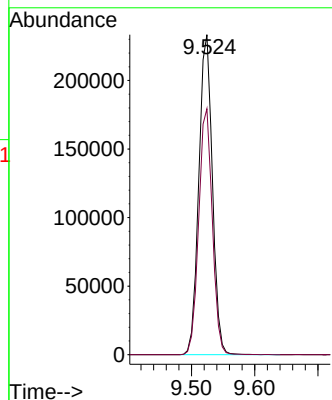
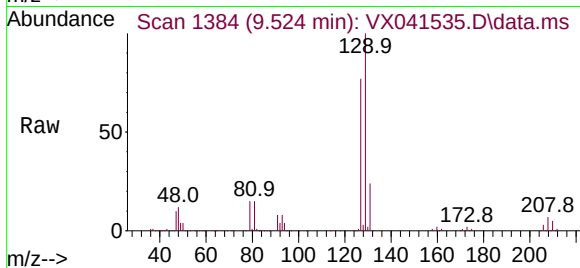
VSTDIC150

Tgt Ion:129 Resp: 347933

Ion Ratio Lower Upper

129 100

127 77.1 38.9 116.7



#54

1,2-Dibromoethane

Concen: 153.928 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX041535.D

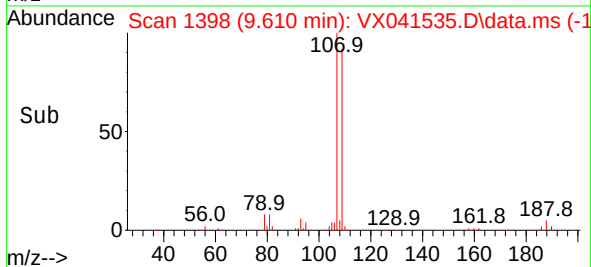
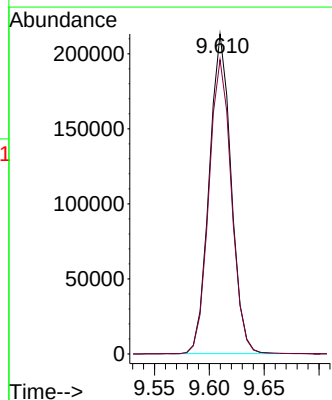
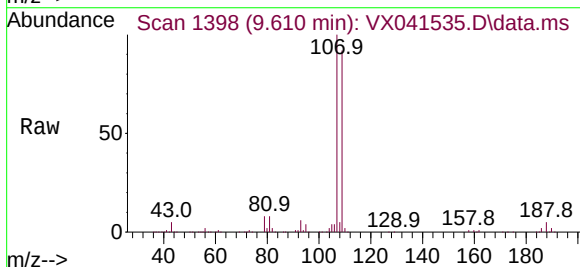
Acq: 15 May 2024 13:06

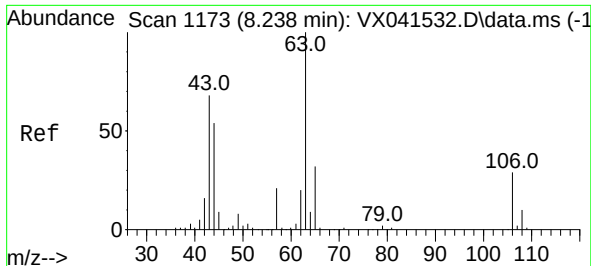
Tgt Ion:107 Resp: 295727

Ion Ratio Lower Upper

107 100

109 94.7 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 769.118 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

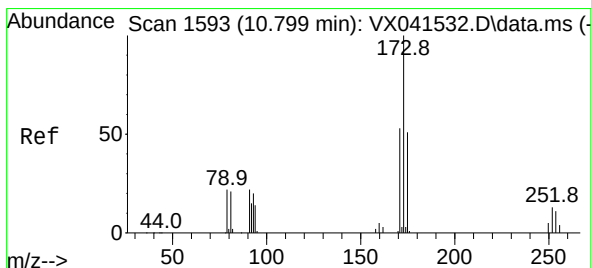
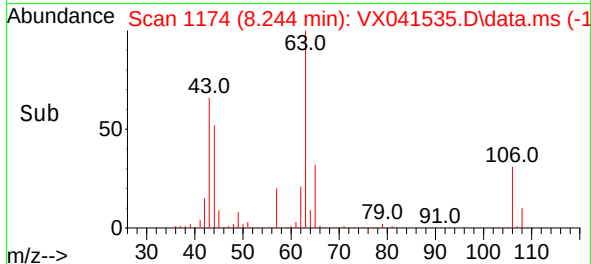
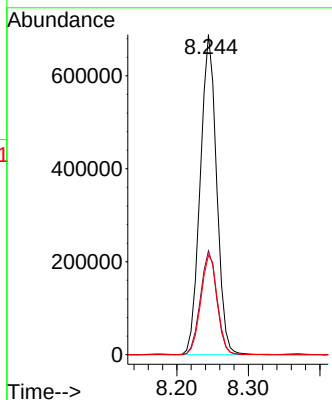
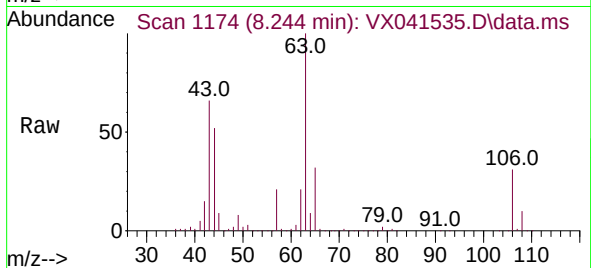
Tgt Ion: 63 Resp: 1094760

Ion Ratio Lower Upper

63 100

65 32.3 25.5 38.3

106 31.6 24.7 37.1



#56

Bromoform

Concen: 176.624 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

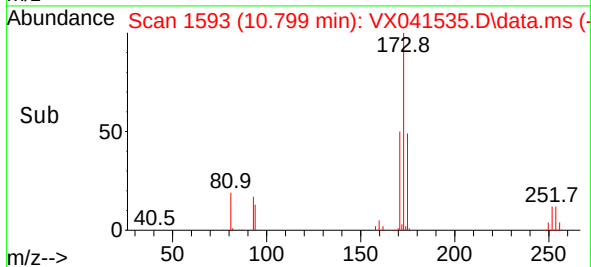
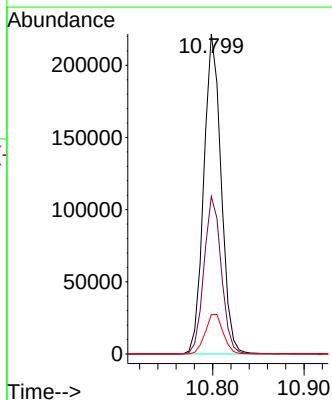
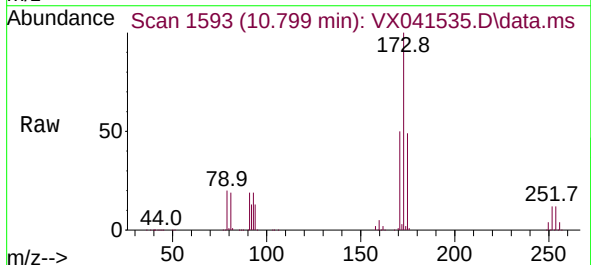
Tgt Ion:173 Resp: 291798

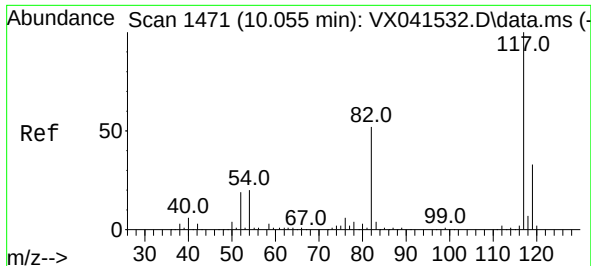
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.6

254 12.9 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

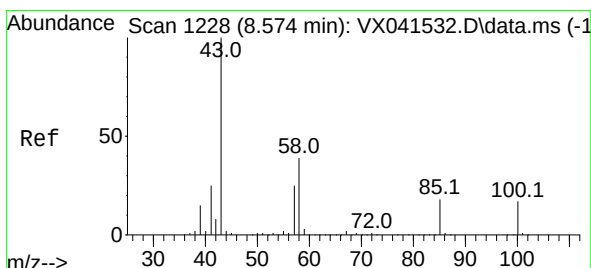
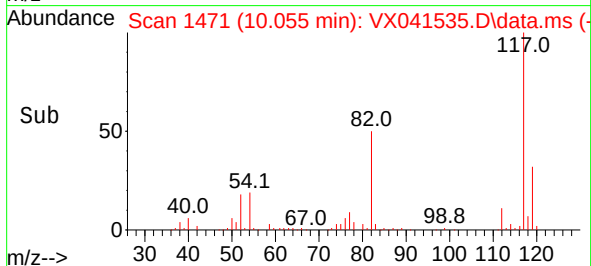
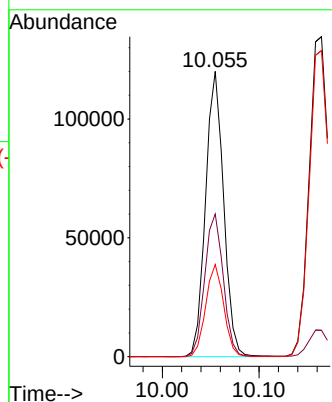
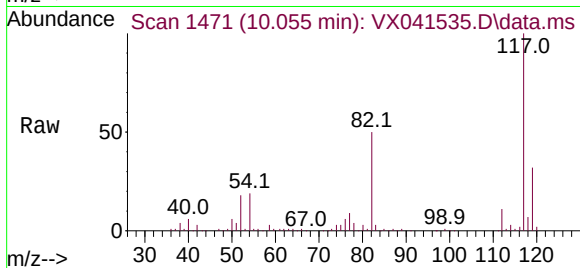
Tgt Ion:117 Resp: 156744

Ion Ratio Lower Upper

117 100

82 51.3 41.7 62.5

119 32.2 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 745.544 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

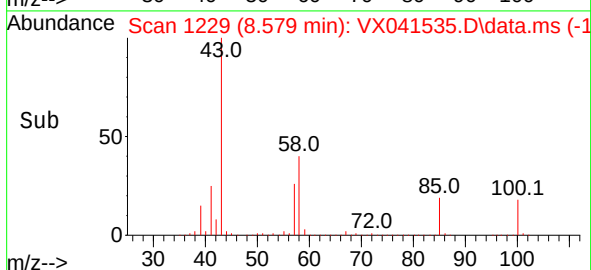
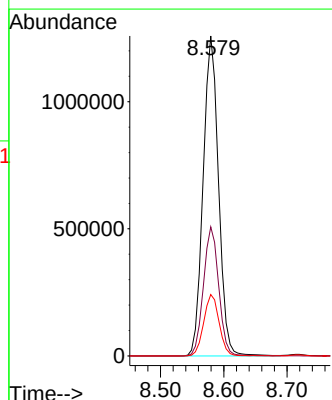
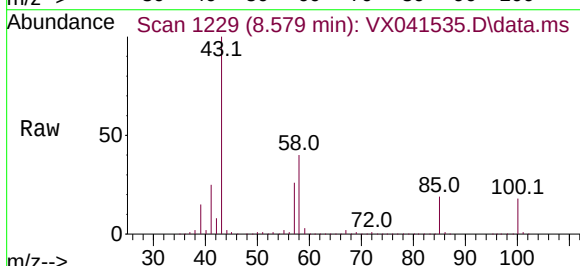
Tgt Ion: 43 Resp: 2135199

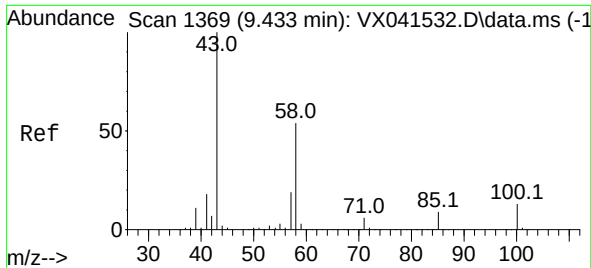
Ion Ratio Lower Upper

43 100

58 40.1 30.2 45.4

85 19.2 14.6 21.8

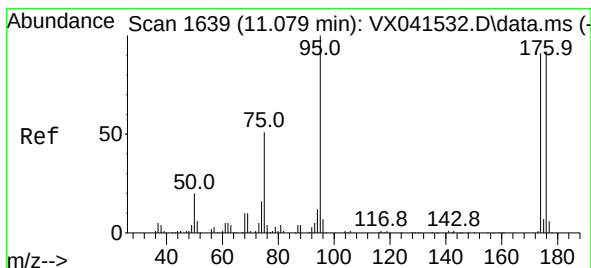
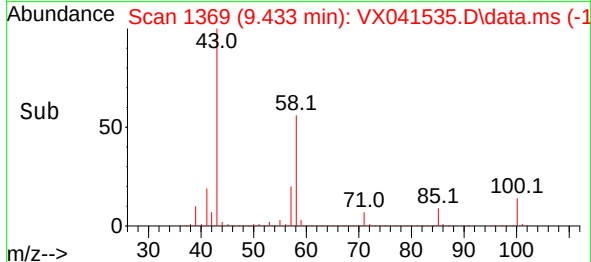
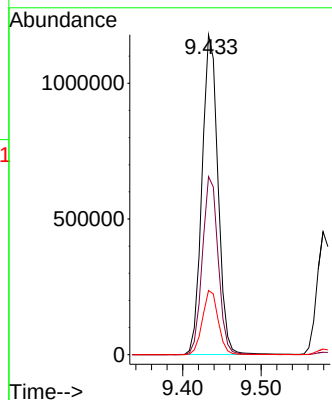
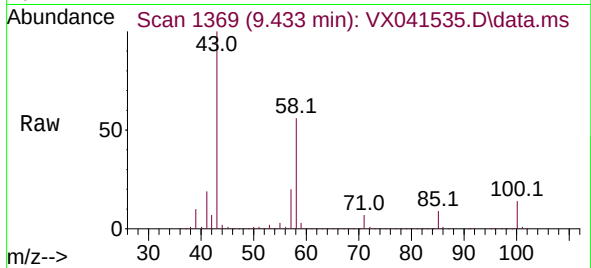




#59
2-Hexanone
Concen: 729.998 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

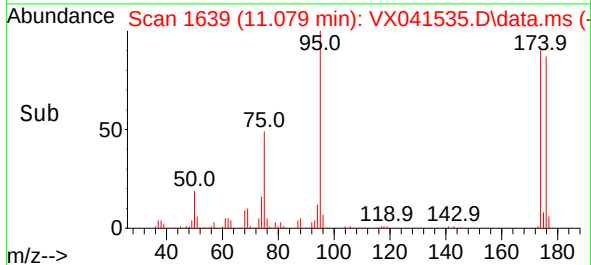
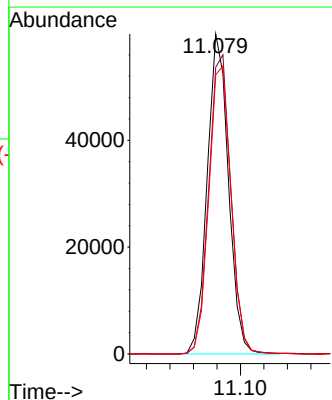
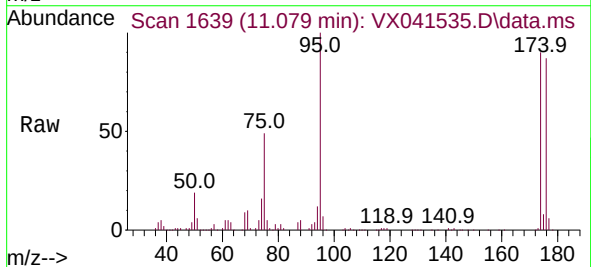
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

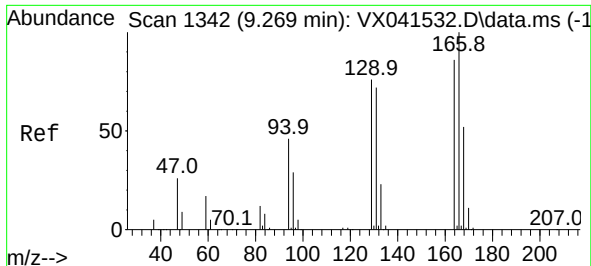
Tgt Ion: 43 Resp: 1665526
Ion Ratio Lower Upper
43 100
58 55.4 42.3 63.5
57 19.8 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 95 Resp: 75208
Ion Ratio Lower Upper
95 100
174 97.4 76.6 115.0
176 94.6 75.4 113.0

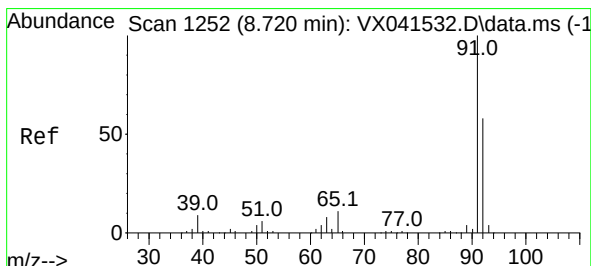
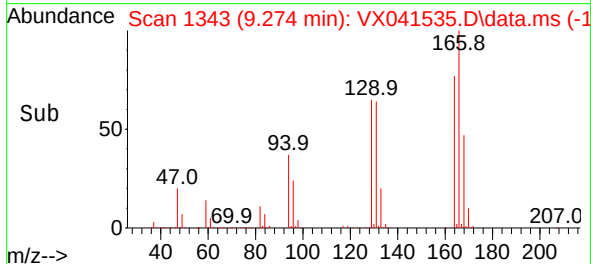
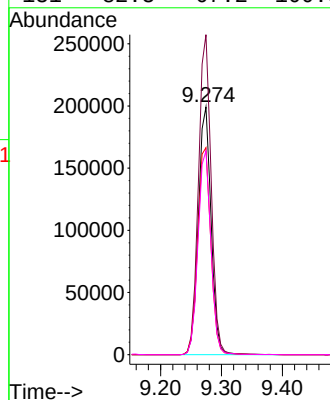
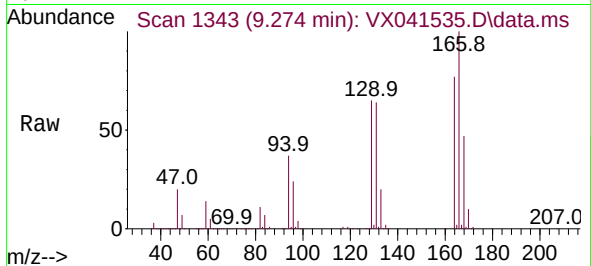




#61
Tetrachloroethene
Concen: 150.841 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

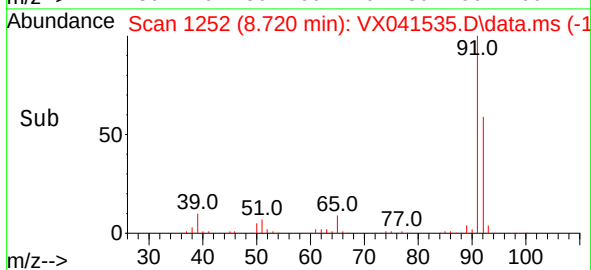
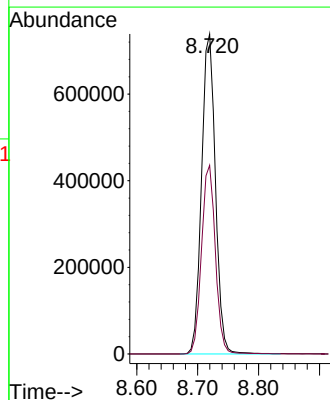
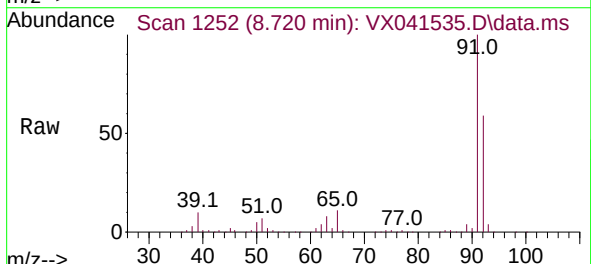
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

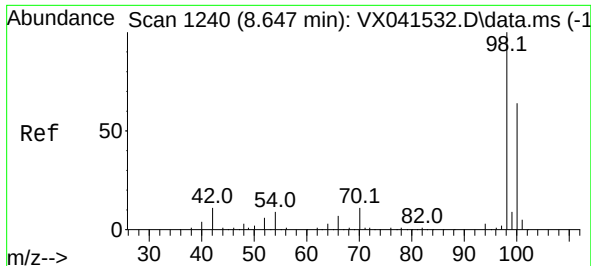
Tgt Ion:164 Resp: 289271
Ion Ratio Lower Upper
164 100
166 129.2 92.8 139.2
129 83.6 70.1 105.1
131 82.3 67.2 100.8



#62
Toluene
Concen: 150.058 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 91 Resp: 1170358
Ion Ratio Lower Upper
91 100
92 58.9 47.0 70.6





#63

Toluene-d8

Concen: 29.354 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

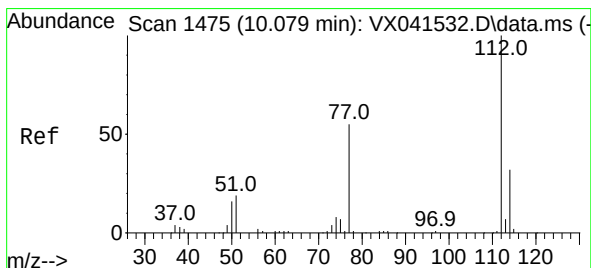
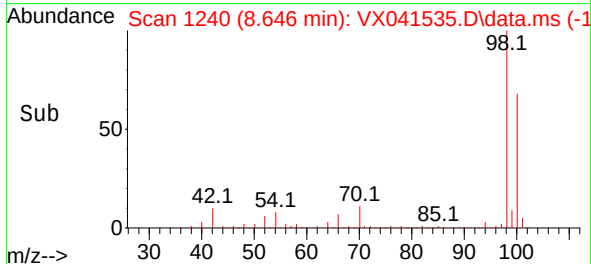
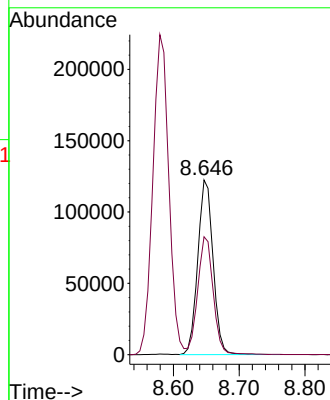
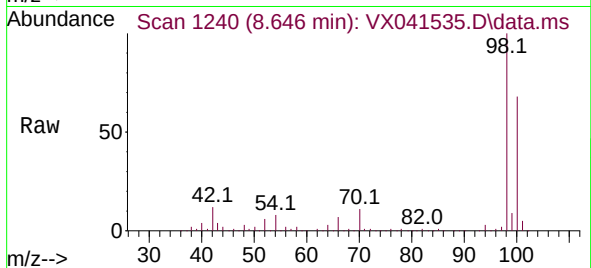
VSTDICC150

Tgt Ion: 98 Resp: 197229

Ion Ratio Lower Upper

98 100

100 68.9 53.1 79.7



#64

Chlorobenzene

Concen: 151.480 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041535.D

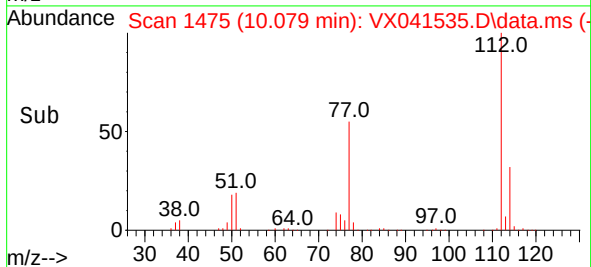
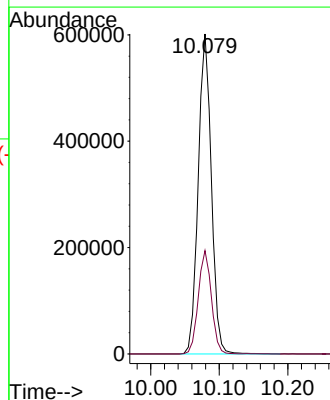
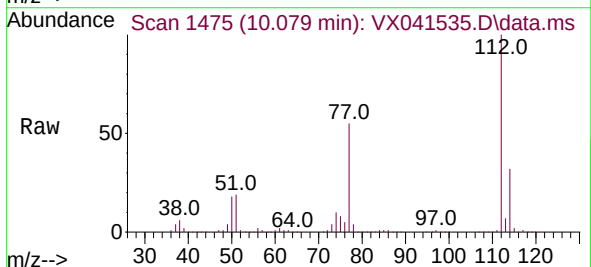
Acq: 15 May 2024 13:06

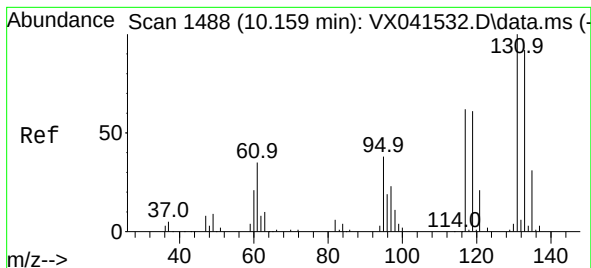
Tgt Ion: 112 Resp: 802496

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0

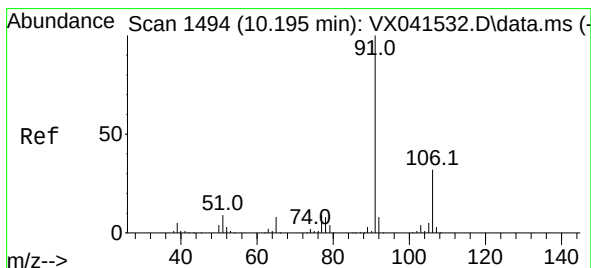
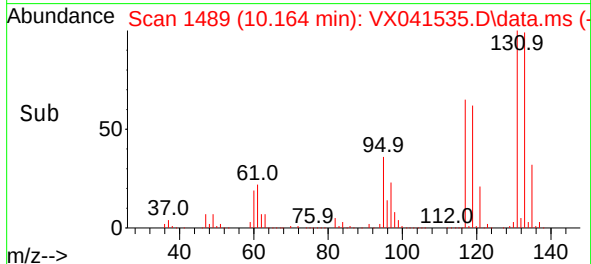
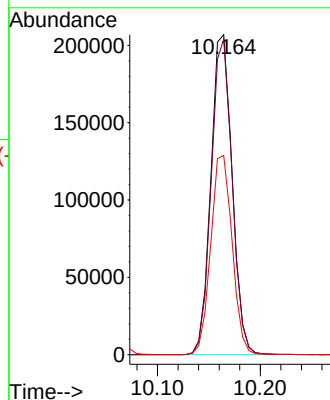
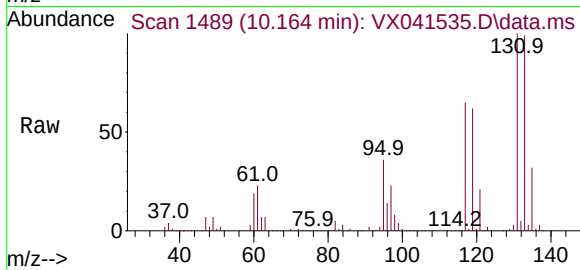




#65
1,1,1,2-Tetrachloroethane
Concen: 158.674 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

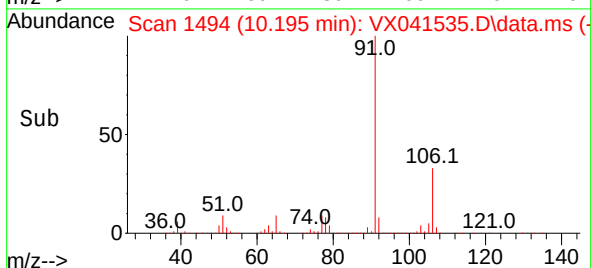
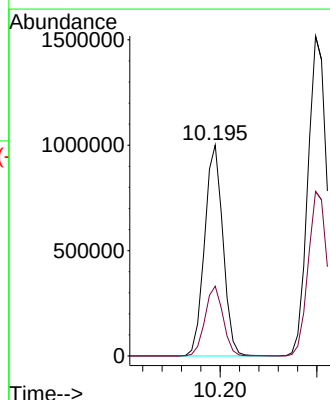
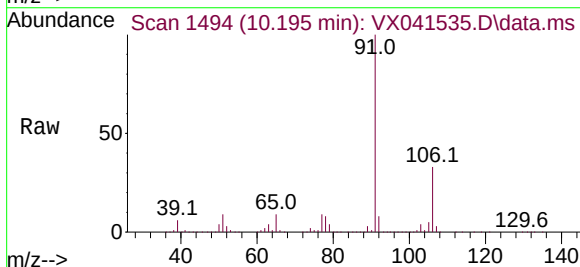
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

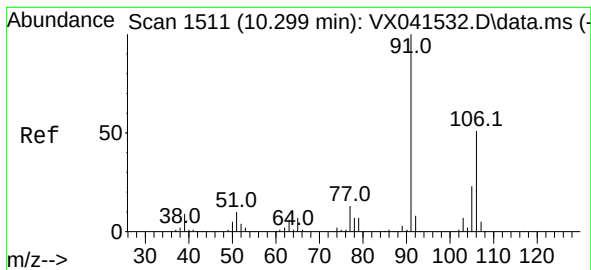
Tgt Ion:131 Resp: 297527
Ion Ratio Lower Upper
131 100
133 96.5 0.0 191.6
119 62.7 0.0 126.4



#66
Ethyl Benzene
Concen: 152.530 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 91 Resp: 1321003
Ion Ratio Lower Upper
91 100
106 33.1 25.9 38.9

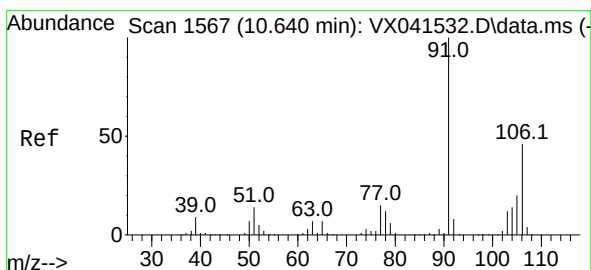
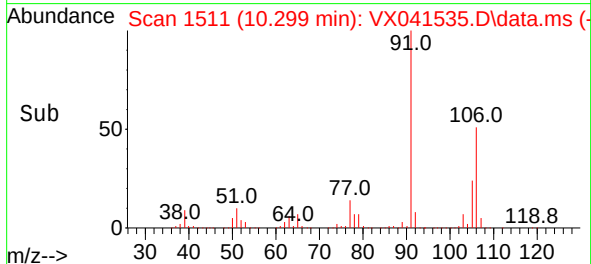
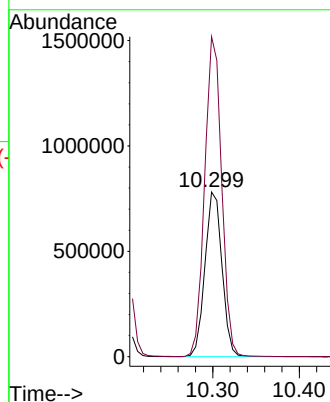
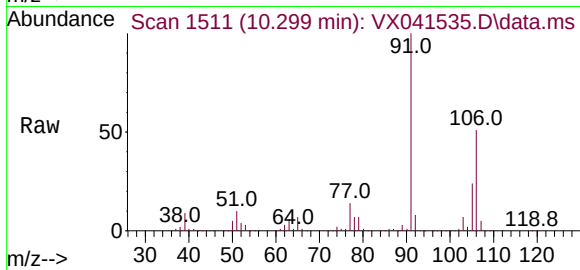




#67
m/p-Xylenes
Concen: 314.788 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

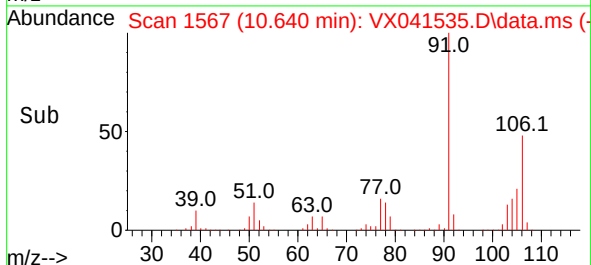
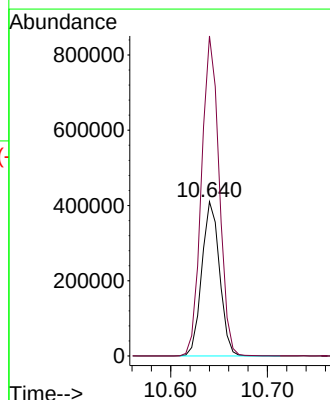
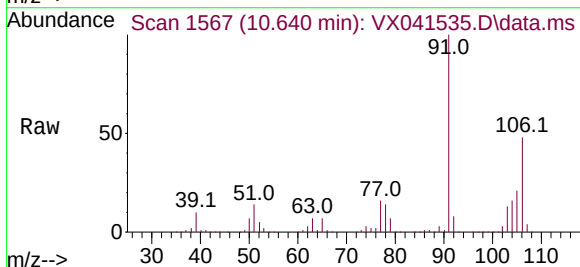
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

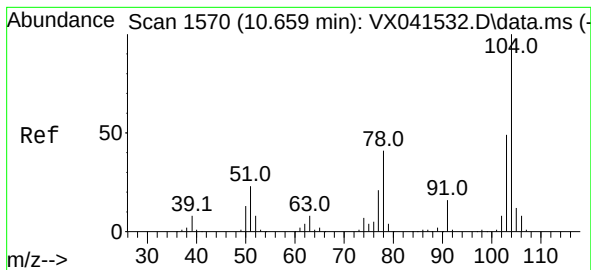
Tgt Ion:106 Resp: 1066071
Ion Ratio Lower Upper
106 100
91 193.7 156.5 234.7



#68
o-Xylene
Concen: 154.064 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion:106 Resp: 525203
Ion Ratio Lower Upper
106 100
91 206.1 105.2 315.6





#69

Styrene

Concen: 158.818 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

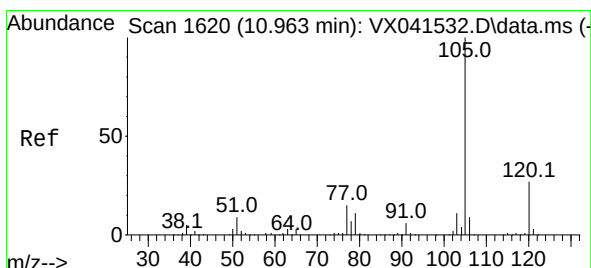
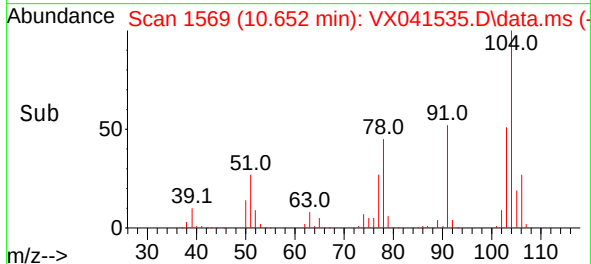
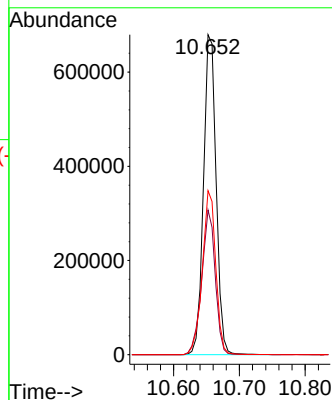
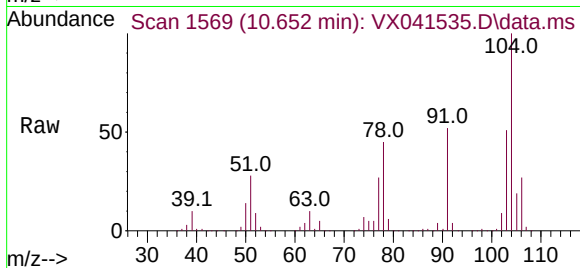
Tgt Ion:104 Resp: 907776

Ion Ratio Lower Upper

104 100

78 48.3 39.3 58.9

103 54.6 43.2 64.8



#70

Isopropylbenzene

Concen: 155.558 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041535.D

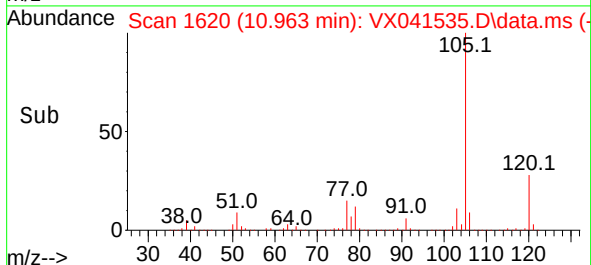
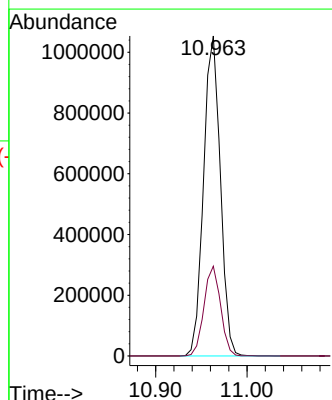
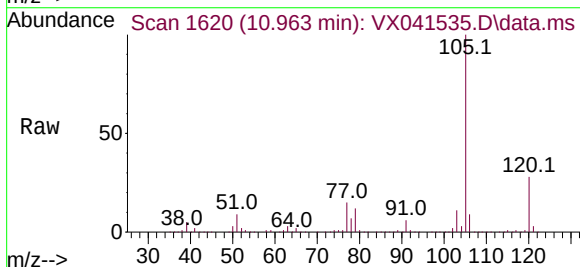
Acq: 15 May 2024 13:06

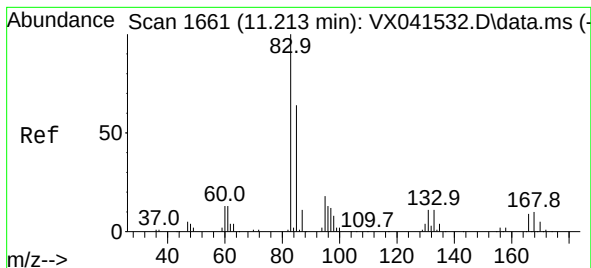
Tgt Ion:105 Resp: 1339993

Ion Ratio Lower Upper

105 100

120 27.8 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 150.594 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

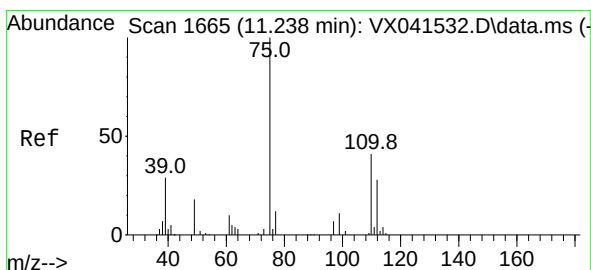
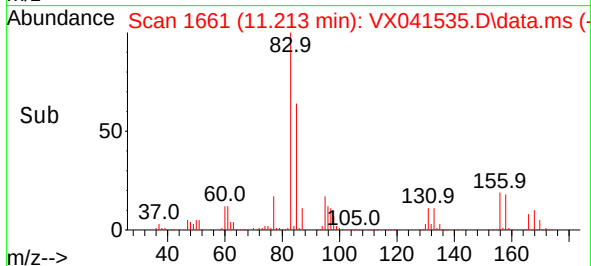
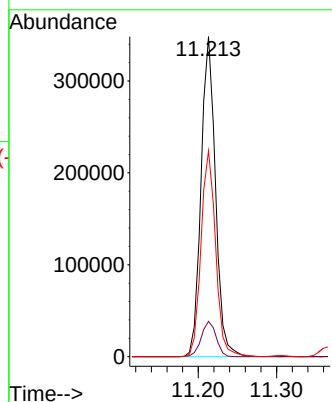
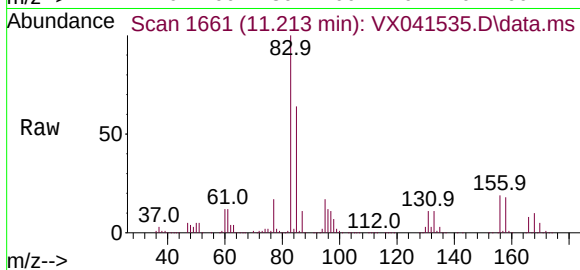
Tgt Ion: 83 Resp: 445635

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

85 65.1 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 197.229 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX041535.D

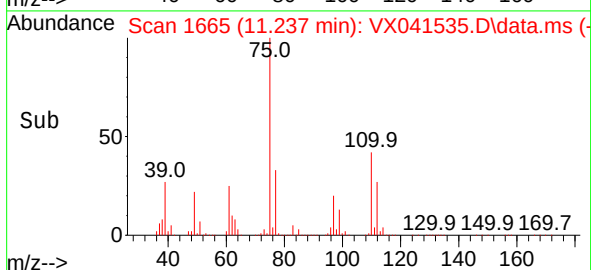
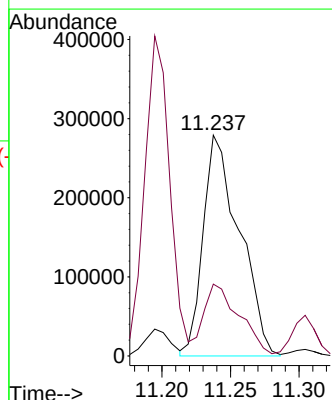
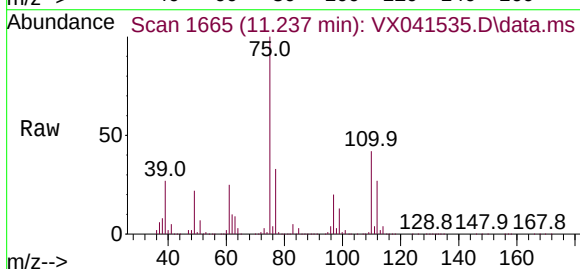
Acq: 15 May 2024 13:06

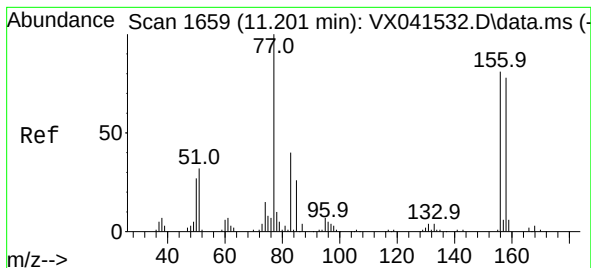
Tgt Ion: 75 Resp: 514900

Ion Ratio Lower Upper

75 100

77 32.2 0.0 78.8





#73

Bromobenzene

Concen: 155.515 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

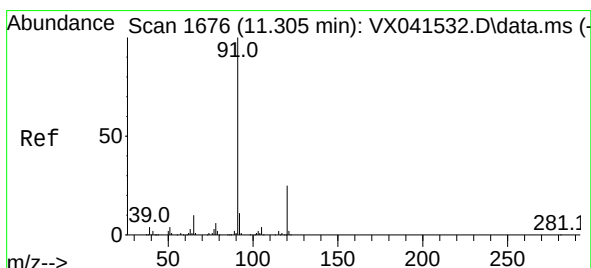
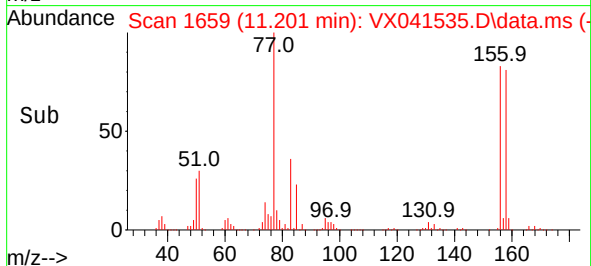
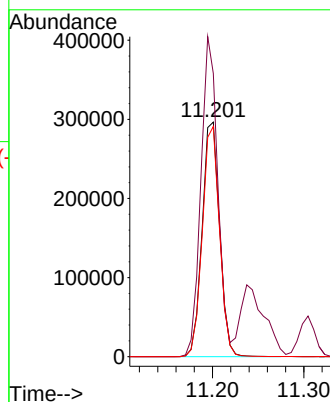
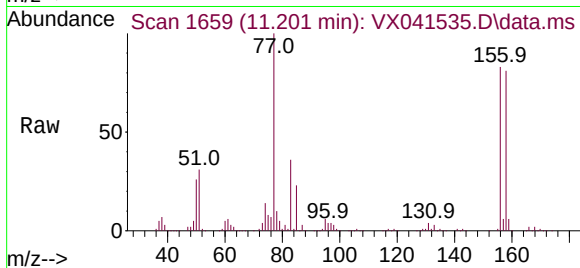
Tgt Ion:156 Resp: 393624

Ion Ratio Lower Upper

156 100

77 131.2 0.0 267.4

158 96.7 0.0 192.8



#74

n-propylbenzene

Concen: 155.248 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041535.D

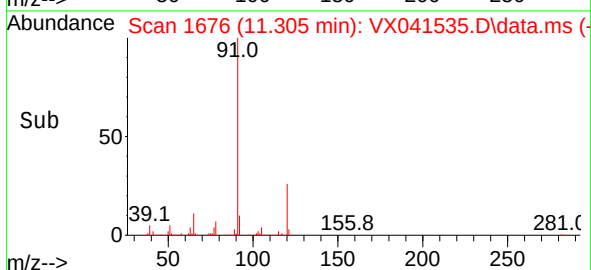
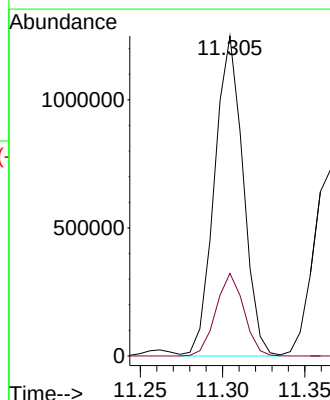
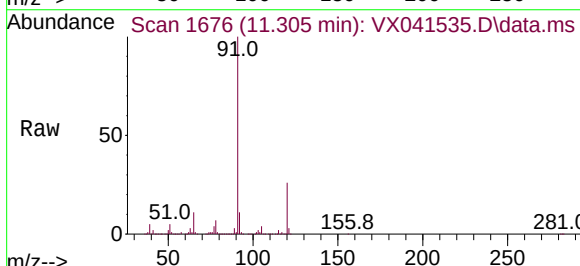
Acq: 15 May 2024 13:06

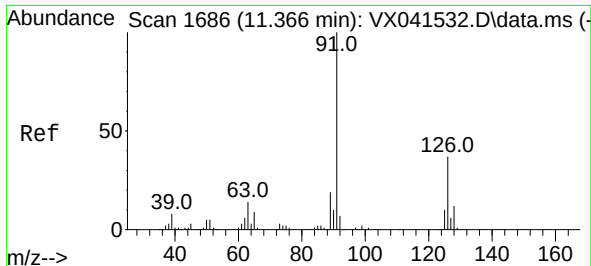
Tgt Ion: 91 Resp: 1507961

Ion Ratio Lower Upper

91 100

120 25.1 0.0 48.4





#75

2-Chlorotoluene

Concen: 150.644 ug/l

RT: 11.365 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

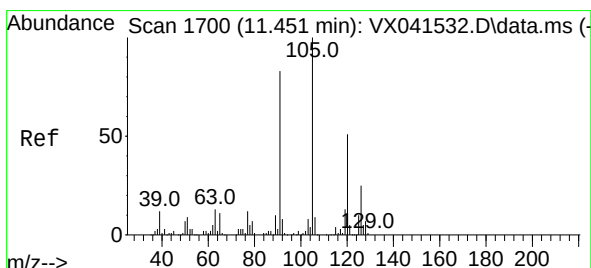
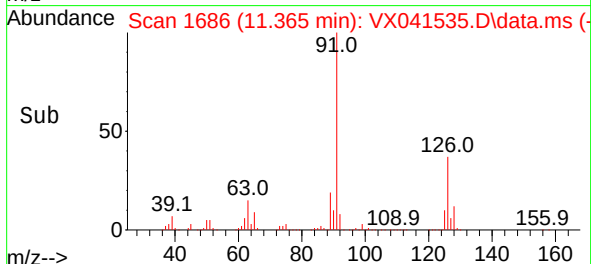
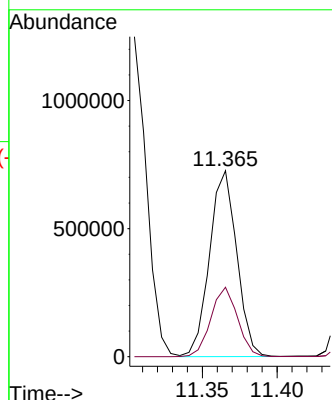
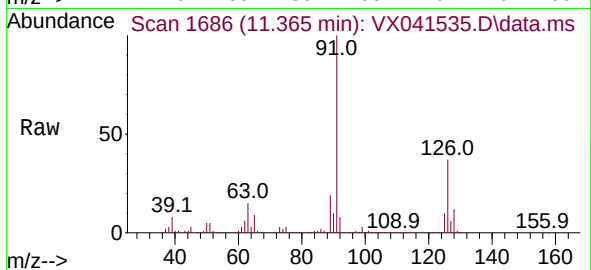
VSTDIC150

Tgt Ion: 91 Resp: 918864

Ion Ratio Lower Upper

91 100

126 36.5 0.0 71.6



#76

1,3,5-Trimethylbenzene

Concen: 155.655 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041535.D

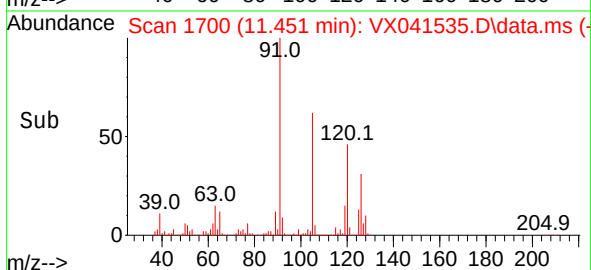
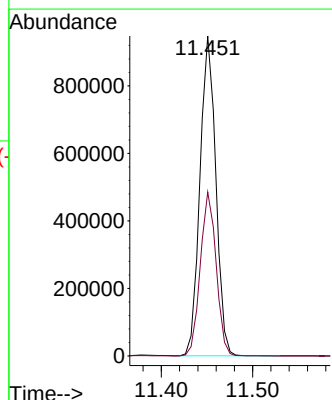
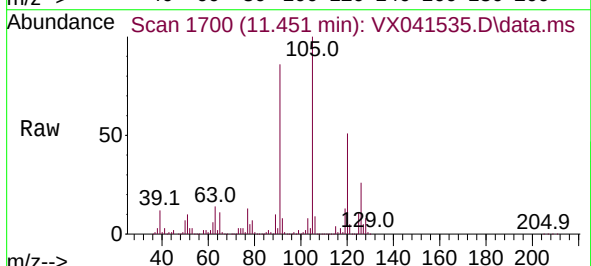
Acq: 15 May 2024 13:06

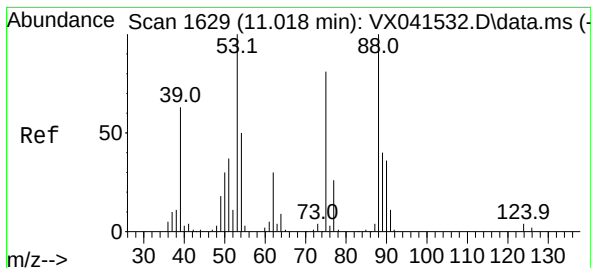
Tgt Ion:105 Resp: 1144466

Ion Ratio Lower Upper

105 100

120 51.1 0.0 102.6

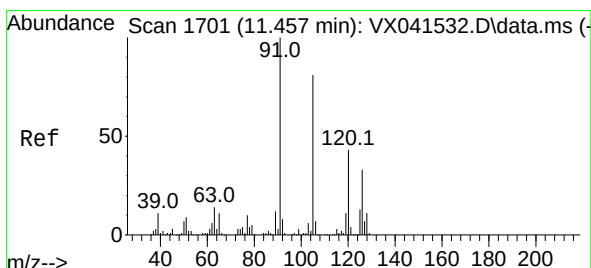
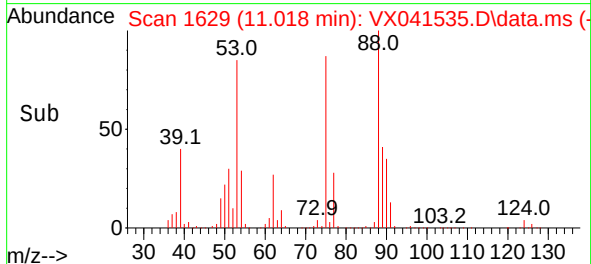
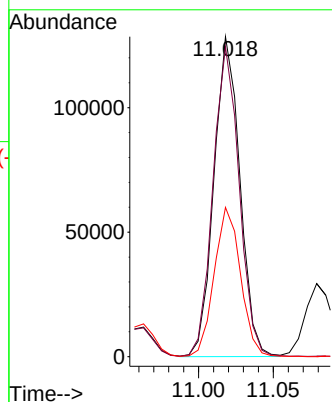
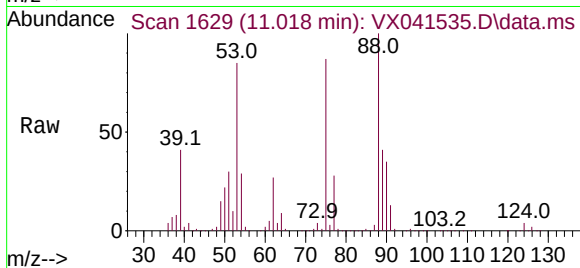




#77
t-1,4-Dichloro-2-butene
Concen: 184.973 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

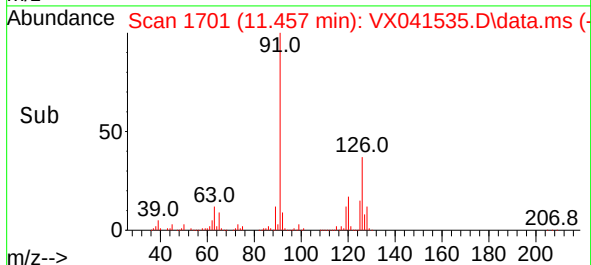
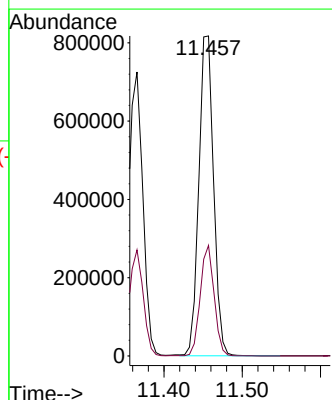
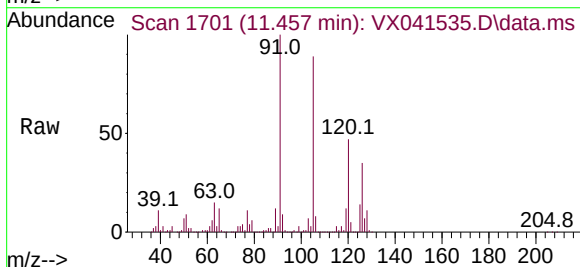
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

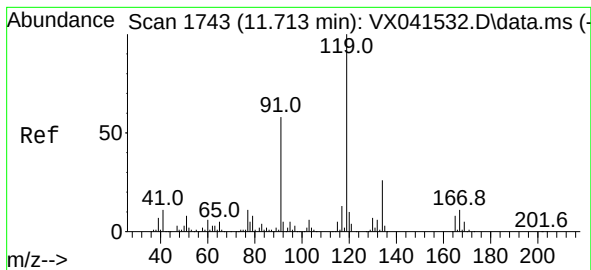
Tgt Ion: 75 Resp: 155156
Ion Ratio Lower Upper
75 100
53 96.9 61.8 185.3
89 46.6 24.9 74.7



#78
4-Chlorotoluene
Concen: 154.231 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 91 Resp: 1071482
Ion Ratio Lower Upper
91 100
126 32.5 0.0 62.2





#79

tert-butylbenzene

Concen: 155.975 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

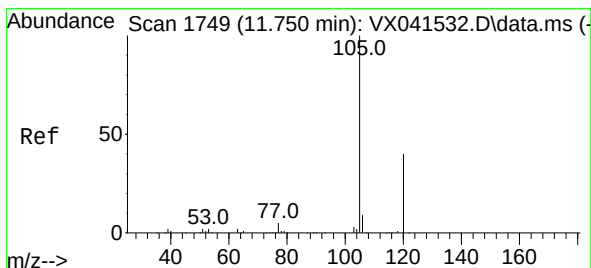
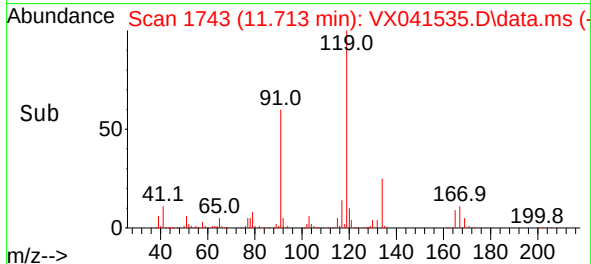
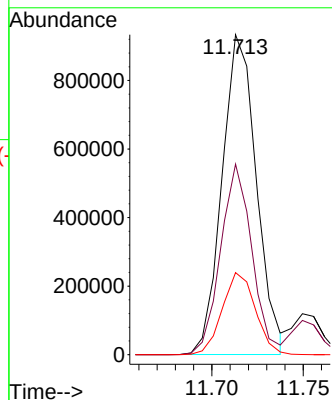
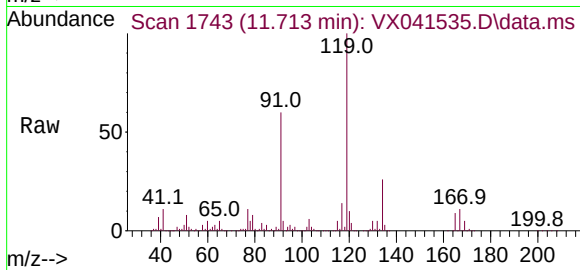
Tgt Ion:119 Resp: 1220582

Ion Ratio Lower Upper

119 100

91 54.3 0.0 110.0

134 24.7 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 155.038 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041535.D

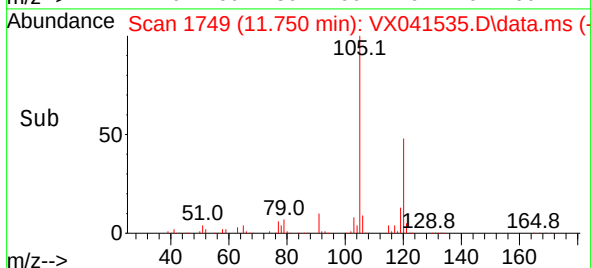
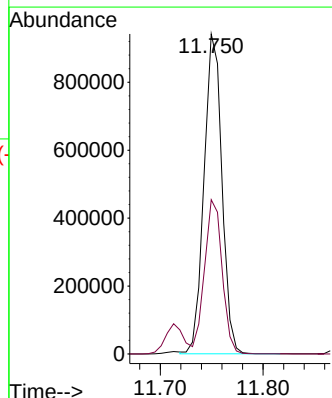
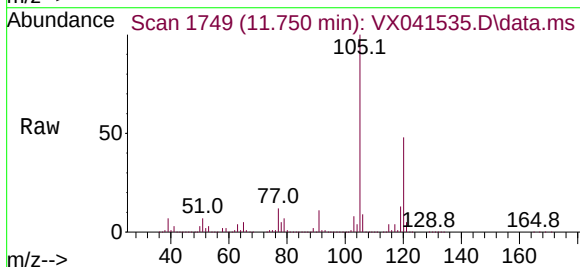
Acq: 15 May 2024 13:06

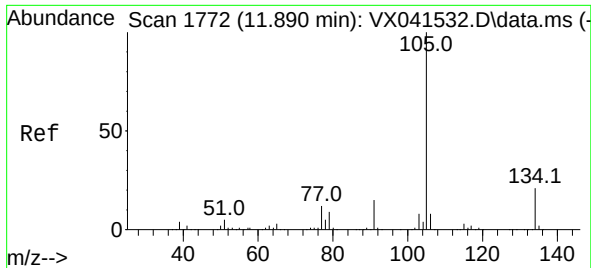
Tgt Ion:105 Resp: 1142574

Ion Ratio Lower Upper

105 100

120 47.3 0.0 92.2

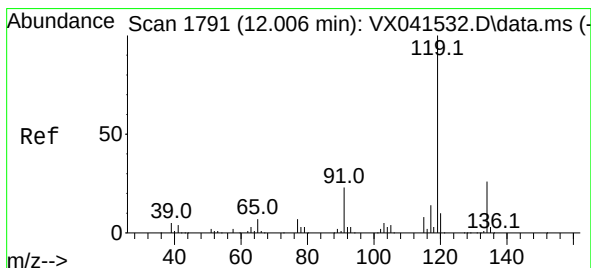
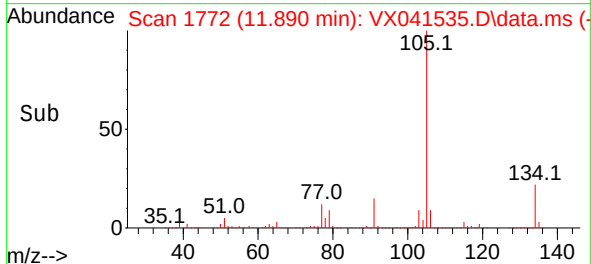
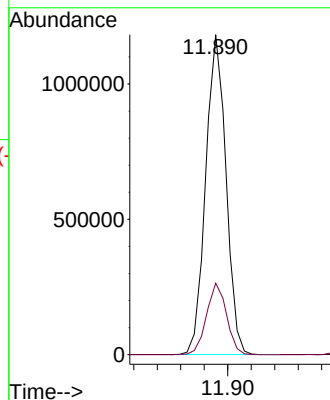
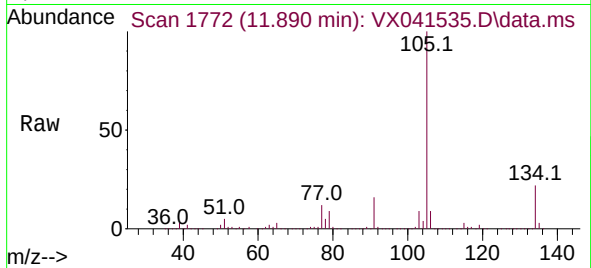




#81
sec-Butylbenzene
Concen: 154.966 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

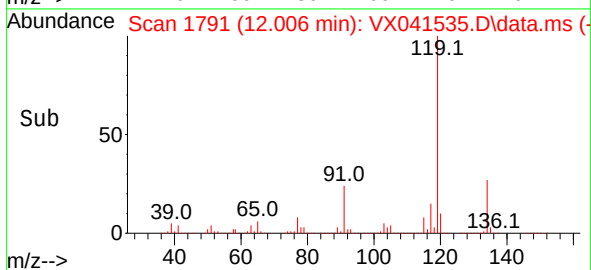
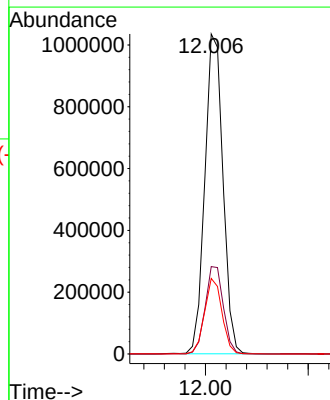
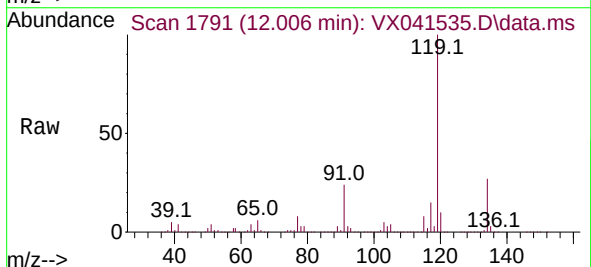
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

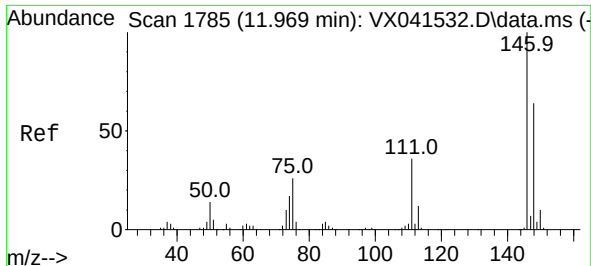
Tgt Ion:105 Resp: 1417049
Ion Ratio Lower Upper
105 100
134 22.1 0.0 43.4



#82
p-Isopropyltoluene
Concen: 158.931 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion:119 Resp: 1272191
Ion Ratio Lower Upper
119 100
134 27.4 0.0 53.4
91 22.6 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 157.736 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

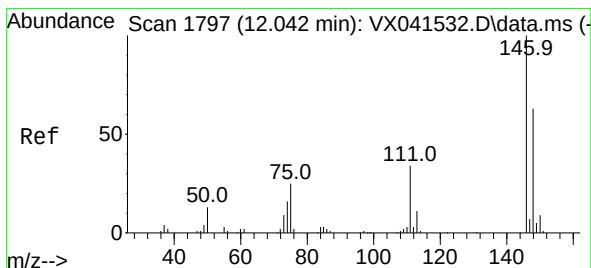
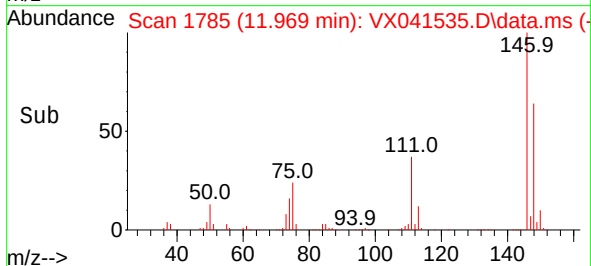
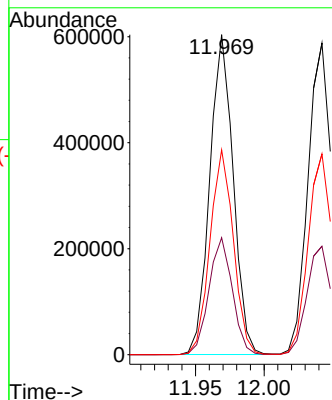
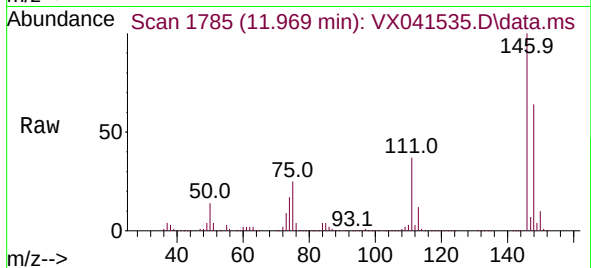
Tgt Ion:146 Resp: 716024

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.2

148 64.0 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 156.438 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

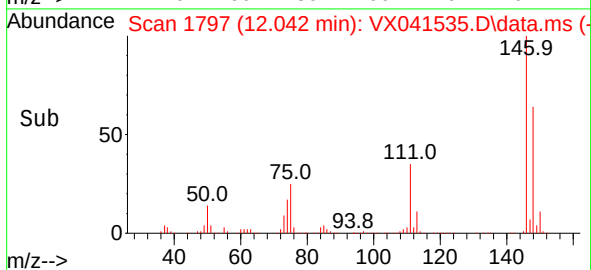
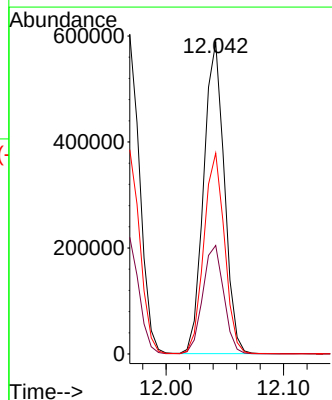
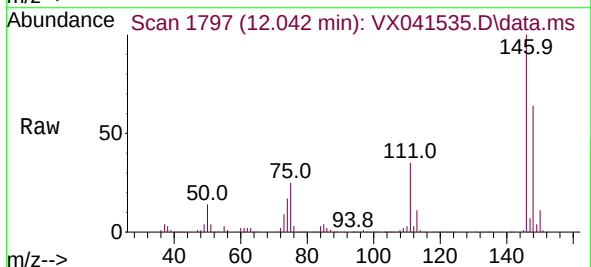
Tgt Ion:146 Resp: 717545

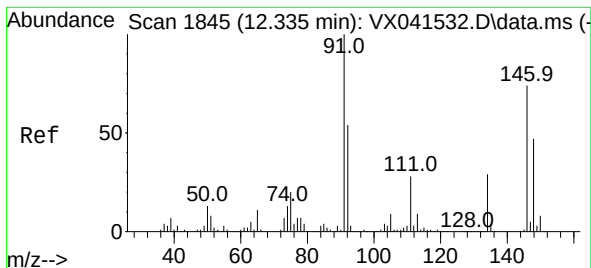
Ion Ratio Lower Upper

146 100

111 35.5 17.8 53.5

148 64.6 31.9 95.5





#85

n-Butylbenzene

Concen: 166.768 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

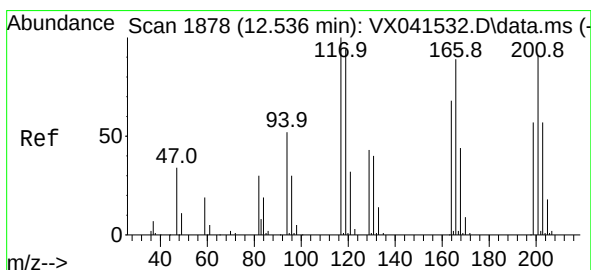
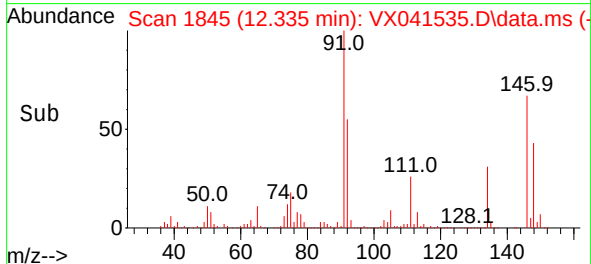
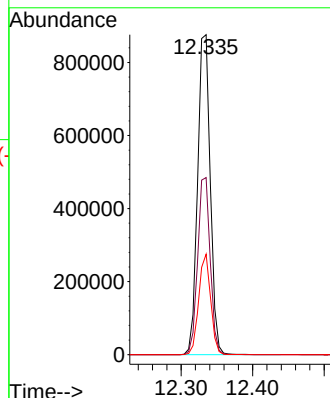
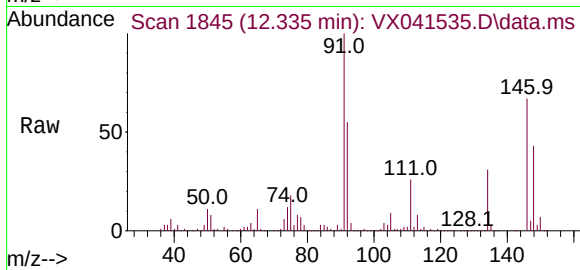
Tgt Ion: 91 Resp: 1074188

Ion Ratio Lower Upper

91 100

92 54.8 0.0 108.4

134 29.5 0.0 56.6



#86

Hexachloroethane

Concen: 171.310 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX041535.D

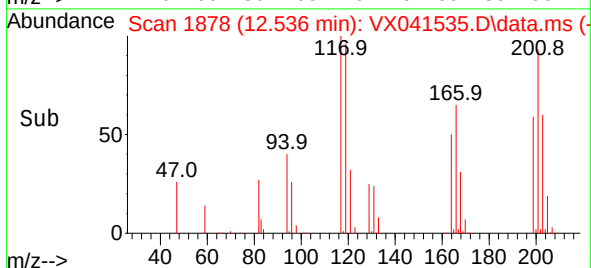
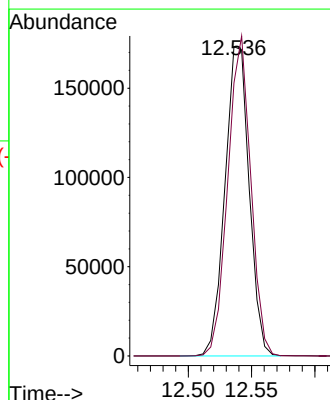
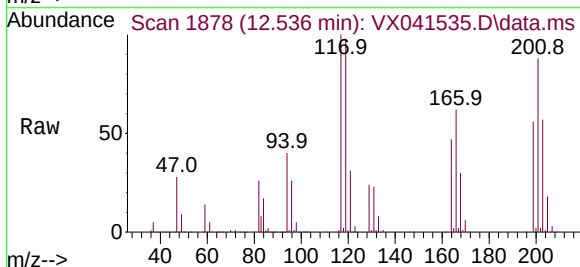
Acq: 15 May 2024 13:06

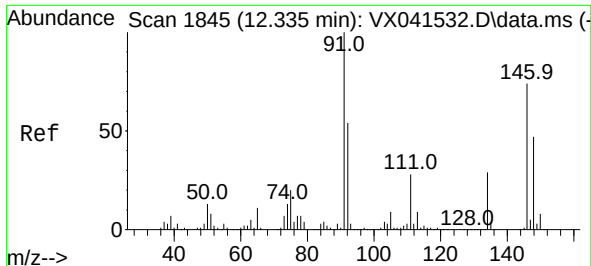
Tgt Ion: 117 Resp: 230908

Ion Ratio Lower Upper

117 100

201 97.5 47.3 141.8

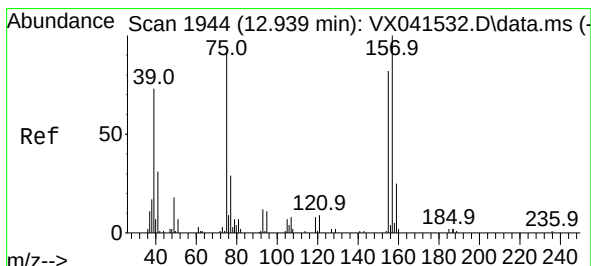
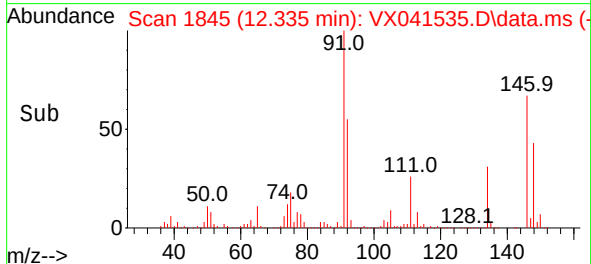
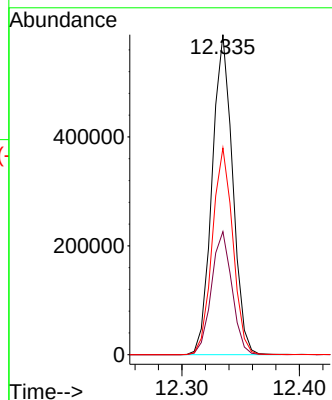
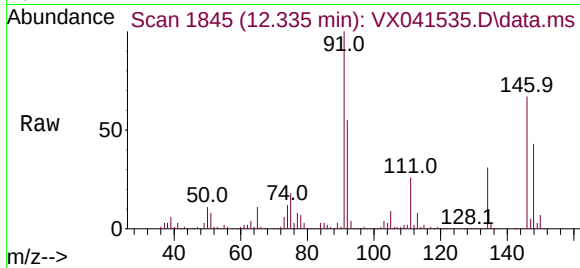




#87
1,2-Dichlorobenzene
Concen: 154.222 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

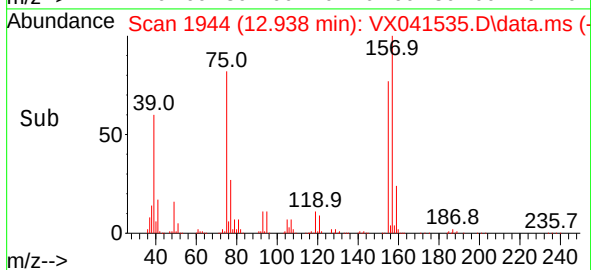
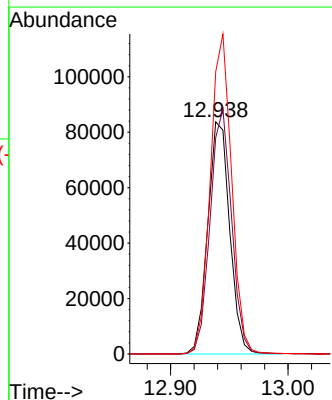
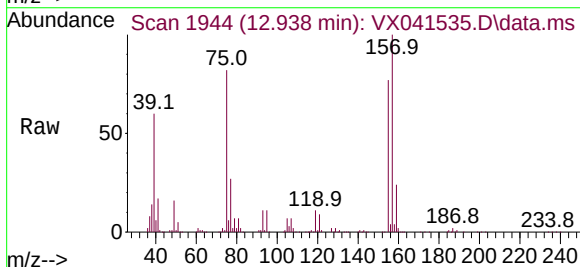
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

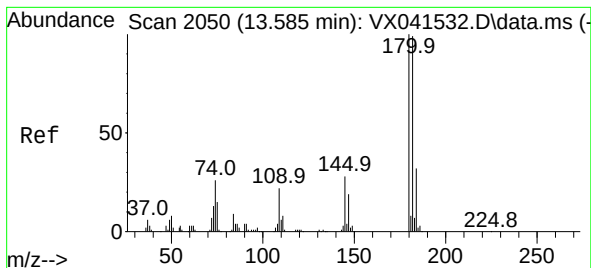
Tgt Ion:146 Resp: 714548
Ion Ratio Lower Upper
146 100
111 38.3 19.3 57.9
148 64.6 31.8 95.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 167.785 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion: 75 Resp: 109040
Ion Ratio Lower Upper
75 100
155 102.7 80.4 120.6
157 133.4 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 156.560 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

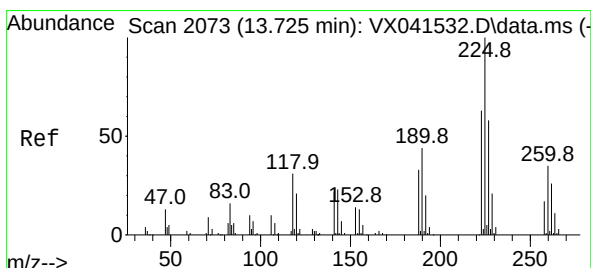
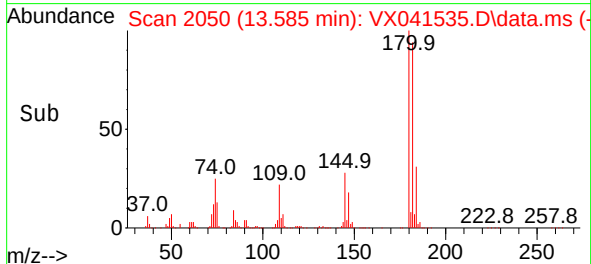
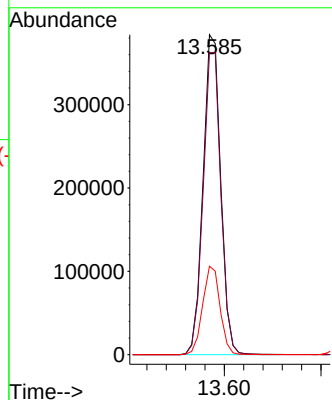
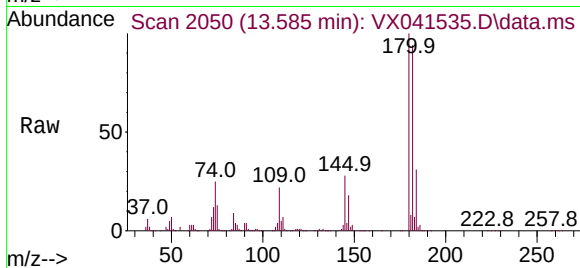
Tgt Ion:180 Resp: 487394

Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.4

145 27.3 22.7 34.1



#90

Hexachlorobutadiene

Concen: 147.688 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX041535.D

Acq: 15 May 2024 13:06

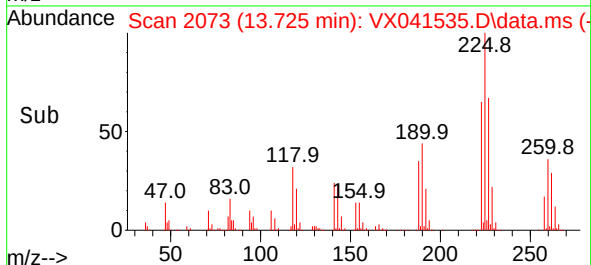
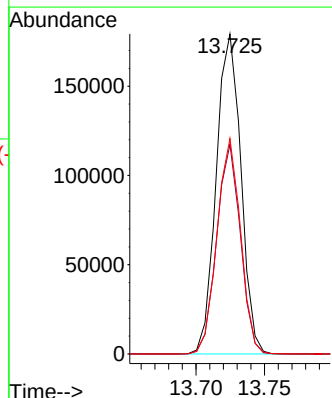
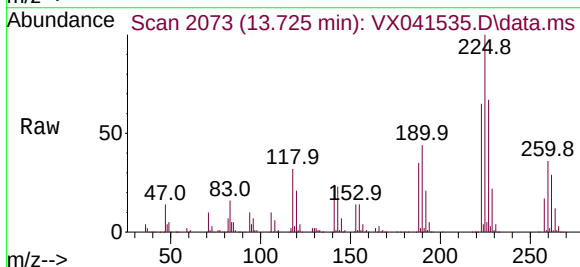
Tgt Ion:225 Resp: 224308

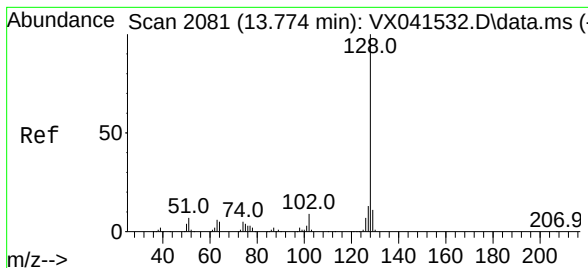
Ion Ratio Lower Upper

225 100

223 62.8 0.0 125.8

227 64.4 0.0 125.6

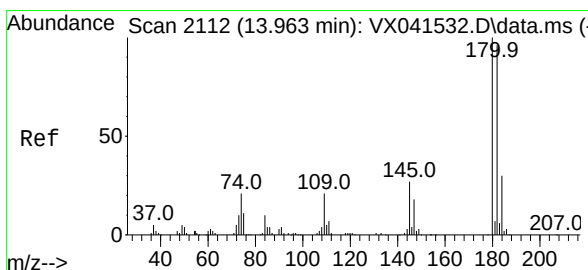
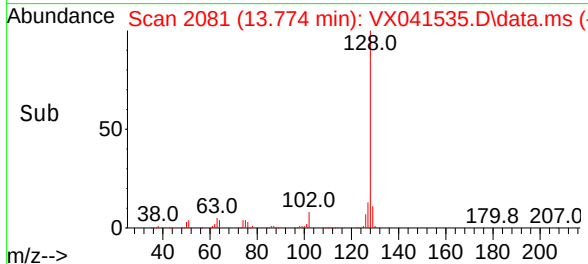
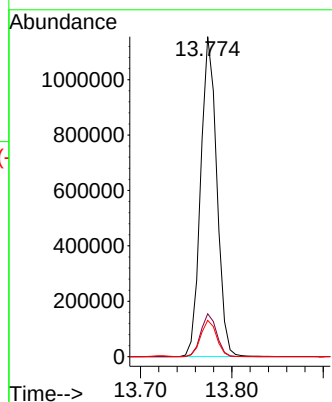
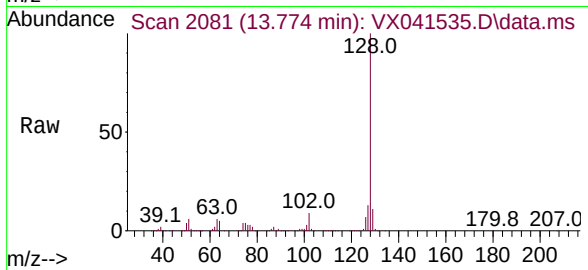




#91
Naphthalene
Concen: 151.760 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1412076
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.2 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 154.202 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041535.D
Acq: 15 May 2024 13:06

Tgt Ion:180 Resp: 490466
Ion Ratio Lower Upper
180 100
182 95.7 0.0 191.0
145 29.4 0.0 58.6

