

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031809.D
 Acq On : 30 Sep 2022 12:57
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 03 00:37:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:33:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	25876	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	135200	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	132305	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	53325	27.380	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.267%
60) 4-Bromofluorobenzene	11.079	95	71777	29.306	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.700%
63) Toluene-d8	8.653	98	197706	29.415	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93992	87.111	ug/l	99
3) Chloromethane	1.288	50	94259	83.368	ug/l	100
4) Vinyl Chloride	1.368	62	128048	84.431	ug/l	99
5) Bromomethane	1.611	94	121980	87.911	ug/l	96
6) Chloroethane	1.685	64	119143	89.098	ug/l	90
7) Trichlorofluoromethane	1.886	101	279687	86.297	ug/l	99
8) Diethyl Ether	2.130	74	94833	86.354	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	134390	87.370	ug/l	97
10) 1,1-Dichloroethene	2.319	96	125270	88.181	ug/l	91
11) Methyl Iodide	2.453	142	158800	102.107	ug/l	97
12) Methyl Acetate	2.703	43	139894	86.191	ug/l	98
13) Acrolein	2.239	56	55800	388.124	ug/l	95
14) Acrylonitrile	3.069	53	307559	446.433	ug/l	98
15) Acetone	2.386	58	79515	426.061	ug/l	92
16) Carbon Disulfide	2.508	76	279072	89.541	ug/l	99
17) Allyl chloride	2.660	41	152726	88.810	ug/l	99
18) Methylene Chloride	2.788	84	139269	85.661	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	149129	90.656	ug/l	100
20) Diisopropyl ether	3.764	45	346816	87.759	ug/l #	81
21) 1,1-Dichloroethane	3.611	63	225405	87.428	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	178523	89.837	ug/l	96
23) tert-Butyl Alcohol	2.995	59	45331	176.656	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	436832	89.467	ug/l	96
25) Chloroform	5.093	83	282943	89.386	ug/l	99
26) Cyclohexane	5.471	56	189360	89.038	ug/l #	94
29) 1,1-Dichloropropene	5.696	75	194263	92.695	ug/l	97
30) 2-Butanone	4.562	43	386926	453.562	ug/l	98
31) 2,2-Dichloropropane	4.477	77	204559	97.479	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	265105	95.562	ug/l	97
33) Carbon Tetrachloride	5.678	117	249706	98.171	ug/l	100
34) Benzene	6.038	78	573139	92.412	ug/l	99
35) Methacrylonitrile	4.922	41	85122	95.485	ug/l	92
36) 1,2-Dichloroethane	6.086	62	198535	90.856	ug/l	99
37) Trichloroethene	7.123	130	193106	95.432	ug/l	96
38) Methylcyclohexane	7.385	83	241774	94.242	ug/l	98
39) 1,2-Dichloropropane	7.434	63	131704	92.911	ug/l	98
40) Dibromomethane	7.580	93	116406	93.887	ug/l	94
41) Bromodichloromethane	7.824	83	218049	96.965	ug/l	99
42) Vinyl Acetate	3.721	43	1451017	471.674	ug/l	96

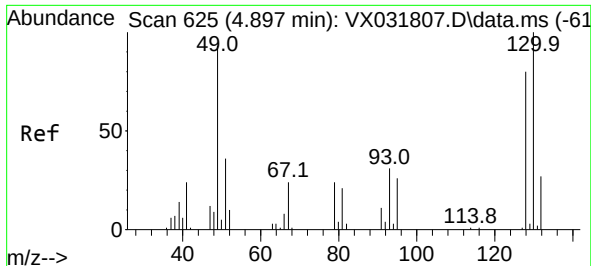
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
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Quant Time: Oct 03 00:37:07 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:33:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	157333	91.790	ug/l #	88
44) Isopropyl Acetate	6.342	43	262698	96.426	ug/l	96
45) 1,4-Dioxane	7.690	88	70652	1812.273	ug/l	99
46) Methyl methacrylate	7.696	41	122509	96.339	ug/l	94
47) n-amyl Acetate	10.842	43	234889	100.394	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	227671	102.700	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	241427	99.275	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	171109	95.285	ug/l	97
51) Ethyl methacrylate	9.116	69	225648	96.932	ug/l	99
52) 1,3-Dichloropropane	9.311	76	256216	93.105	ug/l	100
53) Dibromochloromethane	9.525	129	207333	103.681	ug/l	99
54) 1,2-Dibromoethane	9.610	107	191075	96.048	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	511346	447.975	ug/l	96
56) Bromoform	10.799	173	161473	110.167	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	806824	453.602	ug/l	97
59) 2-Hexanone	9.433	43	603355	453.541	ug/l	98
61) Tetrachloroethene	9.275	164	207895	97.858	ug/l	98
62) Toluene	8.720	91	691887	91.338	ug/l	100
64) Chlorobenzene	10.079	112	481315	93.122	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	191938	97.953	ug/l	99
66) Ethyl Benzene	10.195	91	784926	91.942	ug/l	97
67) m/p-Xylenes	10.305	106	662352	186.317	ug/l	97
68) o-Xylene	10.640	106	327095	93.716	ug/l	94
69) Styrene	10.659	104	542135	95.634	ug/l	98
70) Isopropylbenzene	10.963	105	847015	93.382	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	240642	93.079	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	255936	115.202	ug/l	91
73) Bromobenzene	11.201	156	236799	97.340	ug/l	92
74) n-propylbenzene	11.305	91	931921	93.461	ug/l	98
75) 2-Chlorotoluene	11.366	91	549239	91.618	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	715052	93.521	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	70451	108.509	ug/l	86
78) 4-Chlorotoluene	11.457	91	631022	92.333	ug/l	97
79) tert-butylbenzene	11.713	119	728810	94.828	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	712819	94.016	ug/l	98
81) sec-Butylbenzene	11.890	105	882240	93.734	ug/l	98
82) p-Isopropyltoluene	12.012	119	788088	95.271	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	447162	97.146	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	452128	95.781	ug/l	98
85) n-Butylbenzene	12.335	91	609325	95.520	ug/l	98
86) Hexachloroethane	12.542	117	132846	102.292	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	439133	95.617	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	51405	99.092	ug/l #	83
89) 1,2,4-Trichlorobenzene	13.585	180	300234	101.035	ug/l	98
90) Hexachlorobutadiene	13.725	225	119476	100.080	ug/l	99
91) Naphthalene	13.774	128	937635	98.621	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	300334	102.043	ug/l	95

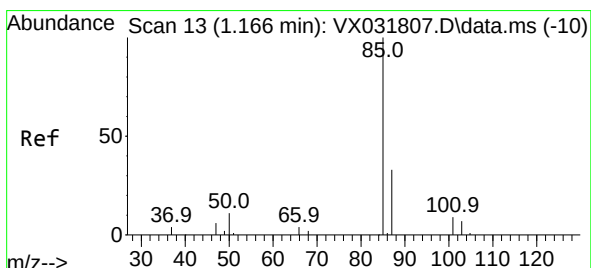
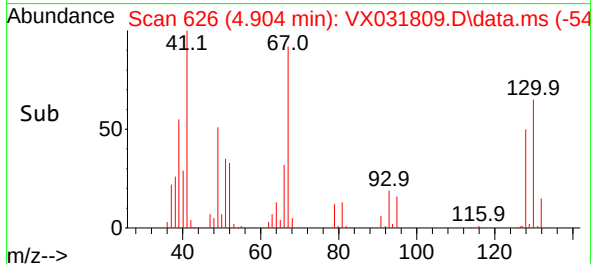
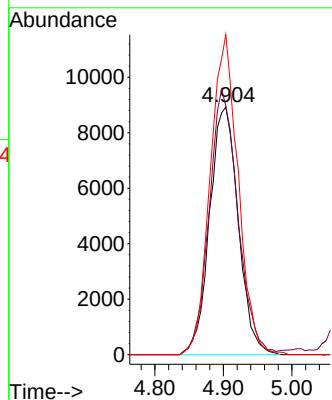
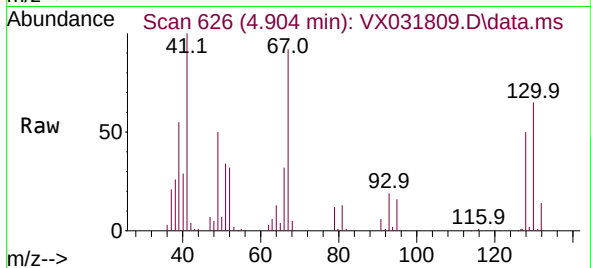
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

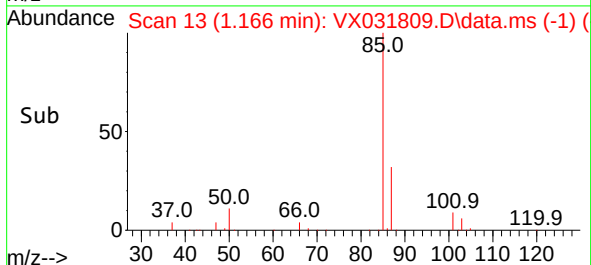
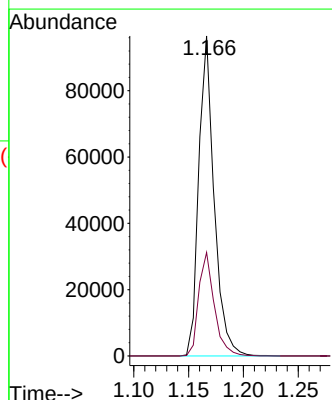
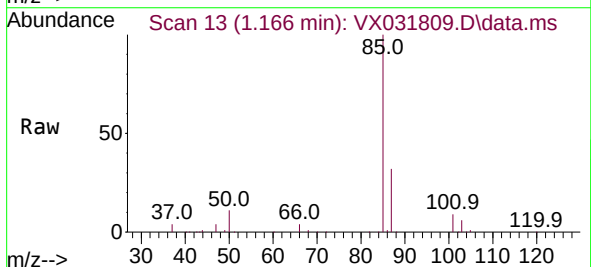
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

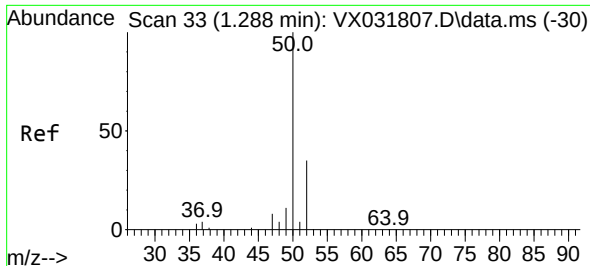
Tgt Ion:128 Resp: 25876
Ion Ratio Lower Upper
128 100
49 107.3 0.0 293.0
130 125.9 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 87.111 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 85 Resp: 93992
Ion Ratio Lower Upper
85 100
87 32.4 16.5 49.5

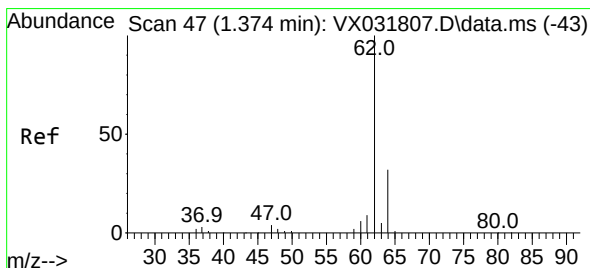
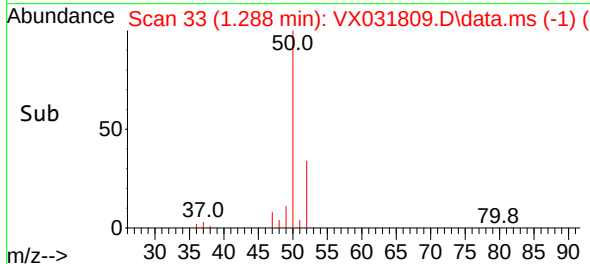
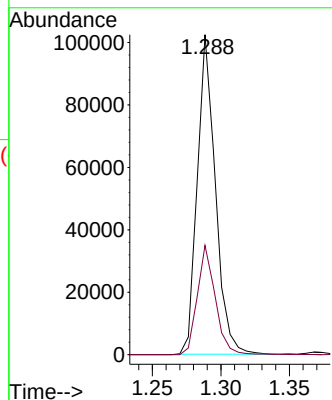
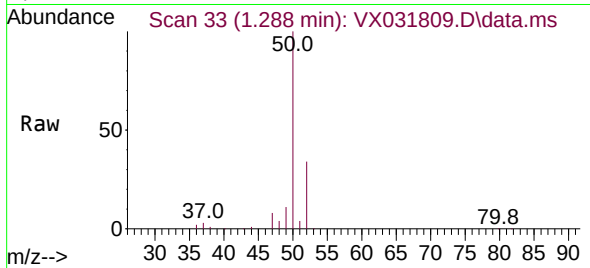




#3
Chloromethane
Concen: 83.368 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

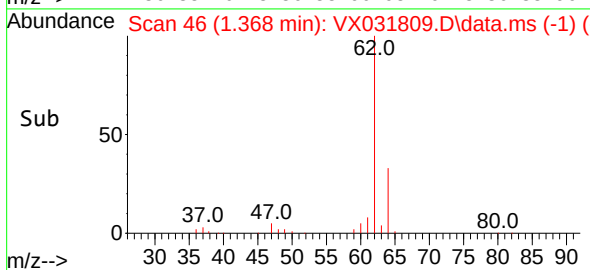
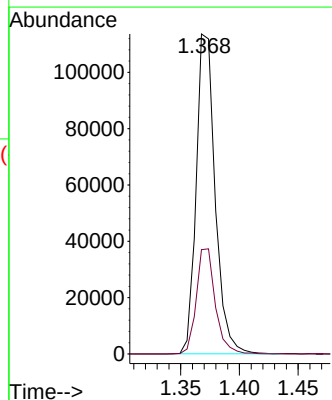
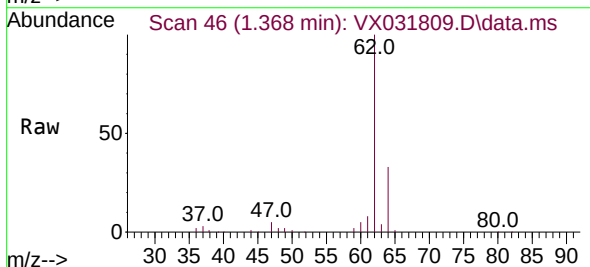
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

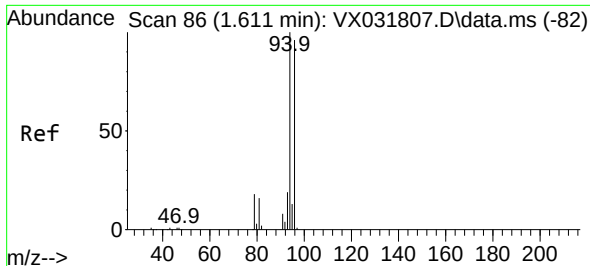
Tgt Ion: 50 Resp: 94259
Ion Ratio Lower Upper
50 100
52 34.2 27.6 41.4



#4
Vinyl Chloride
Concen: 84.431 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 62 Resp: 128048
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5

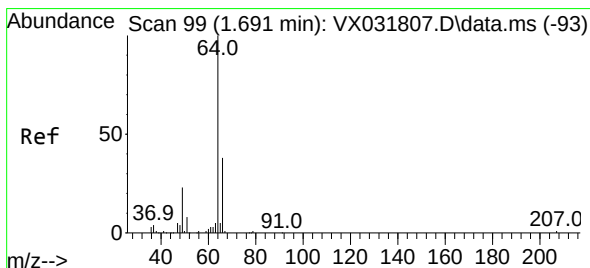
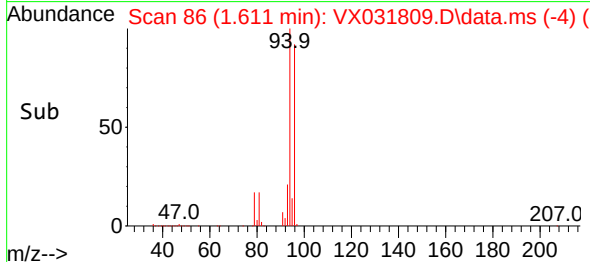
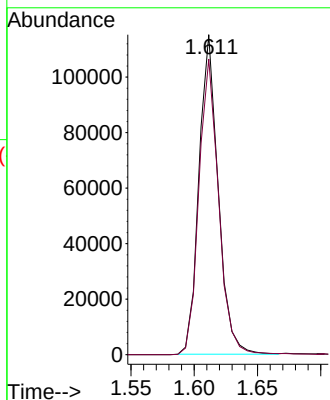
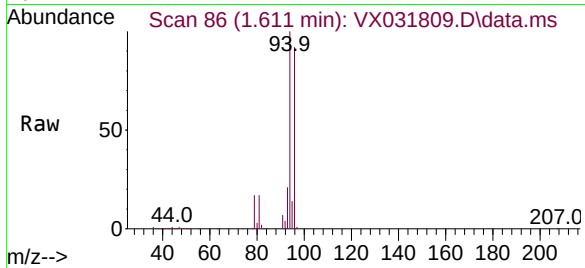




#5
Bromomethane
Concen: 87.911 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

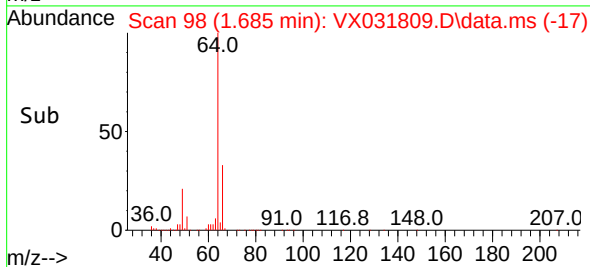
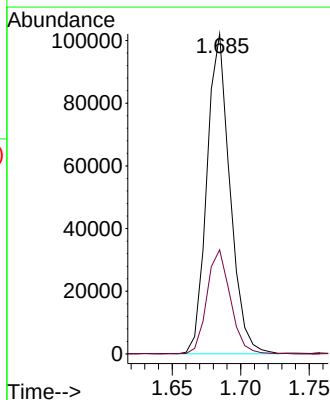
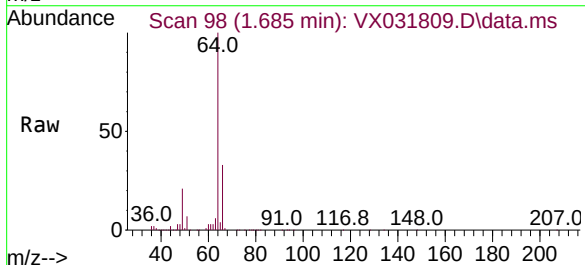
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

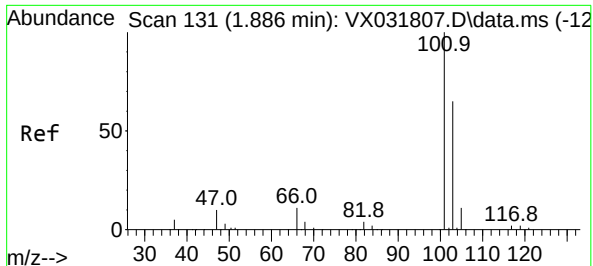
Tgt Ion: 94 Resp: 121980
Ion Ratio Lower Upper
94 100
96 92.4 76.8 115.2



#6
Chloroethane
Concen: 89.098 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 64 Resp: 119143
Ion Ratio Lower Upper
64 100
66 32.5 30.6 46.0

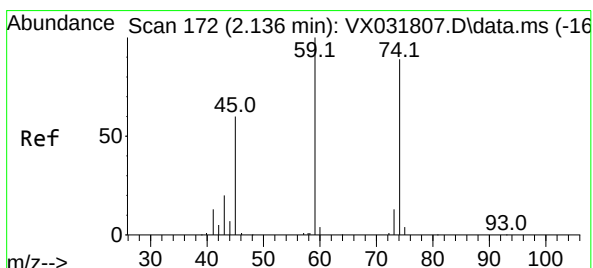
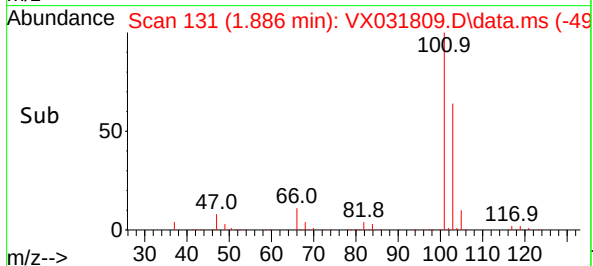
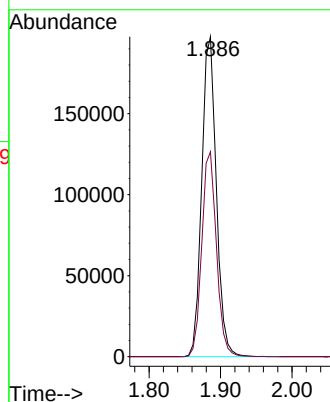
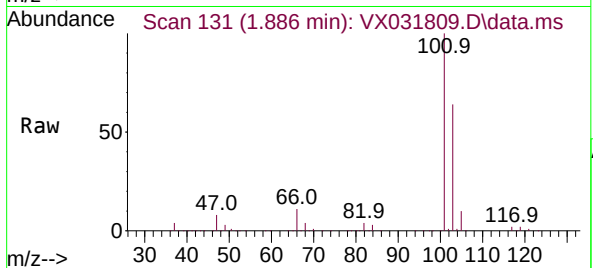




#7
Trichlorofluoromethane
Concen: 86.297 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

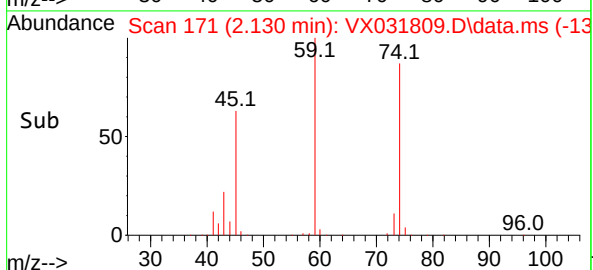
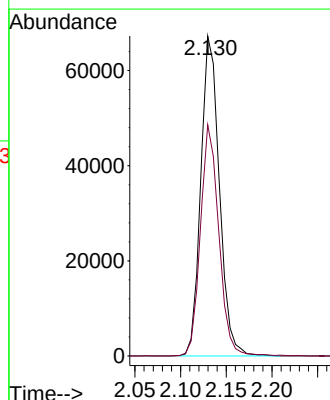
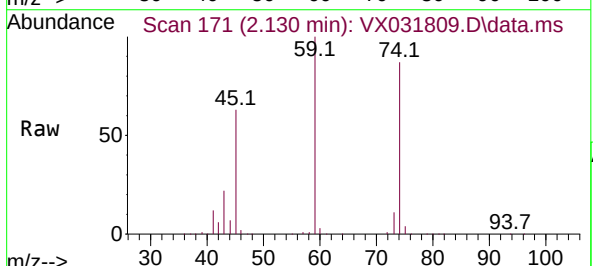
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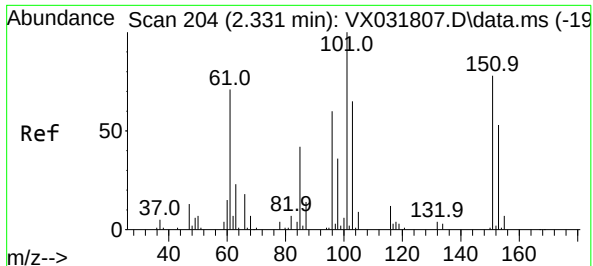
Tgt Ion:101 Resp: 279687
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



#8
Diethyl Ether
Concen: 86.354 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 74 Resp: 94833
Ion Ratio Lower Upper
74 100
45 71.6 14.2 127.8

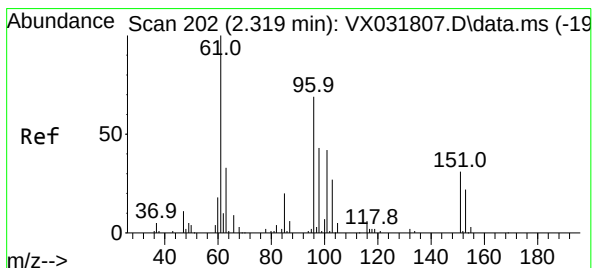
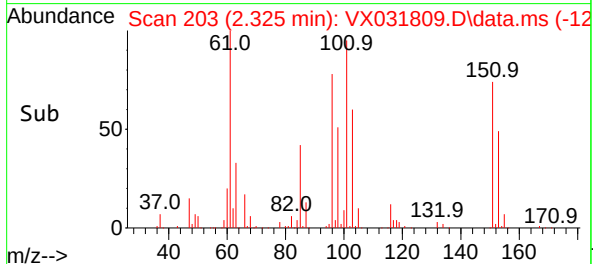
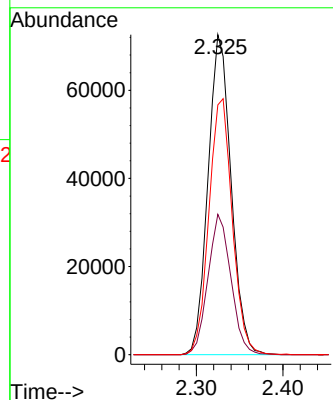
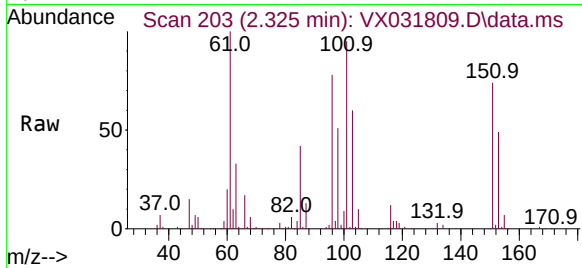




#9
1,1,2-Trichlorotrifluoroethane
Concen: 87.370 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

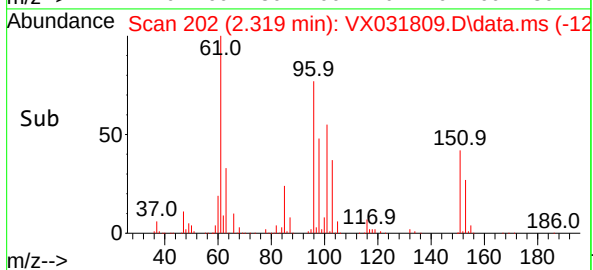
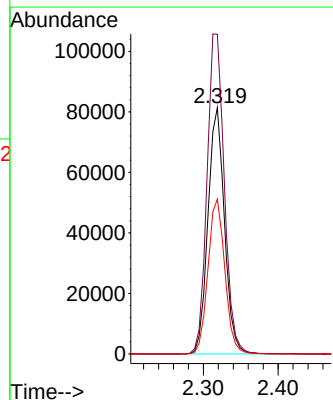
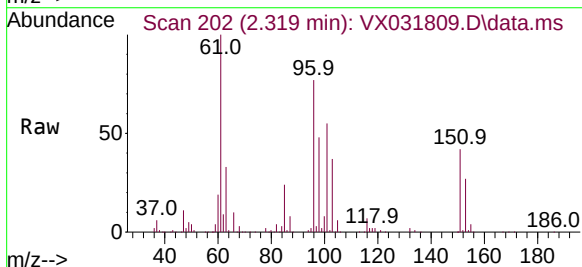
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

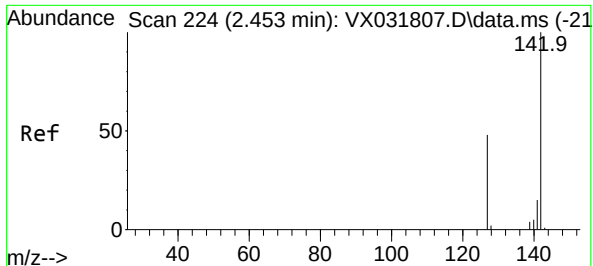
Tgt Ion:101 Resp: 134390
Ion Ratio Lower Upper
101 100
85 43.6 0.0 88.8
151 81.2 0.0 156.6



#10
1,1-Dichloroethene
Concen: 88.181 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 96 Resp: 125270
Ion Ratio Lower Upper
96 100
61 129.7 115.8 173.6
98 62.9 49.7 74.5

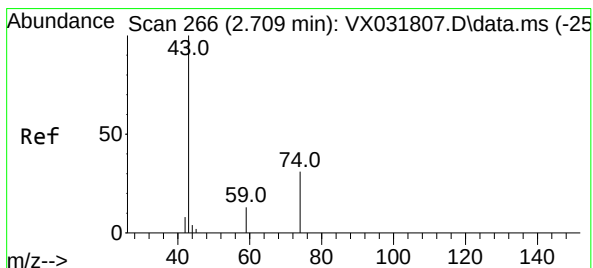
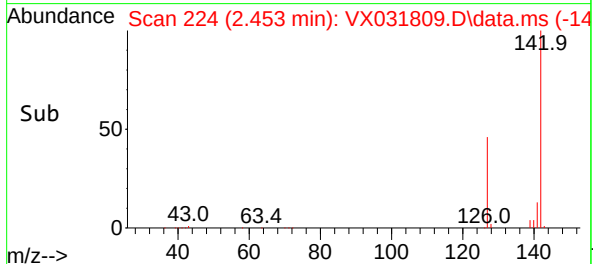
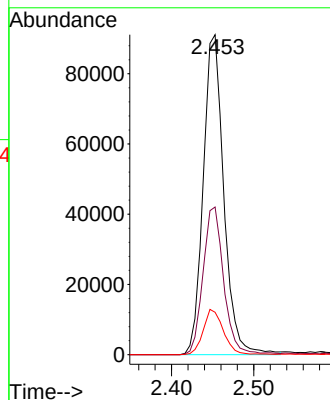
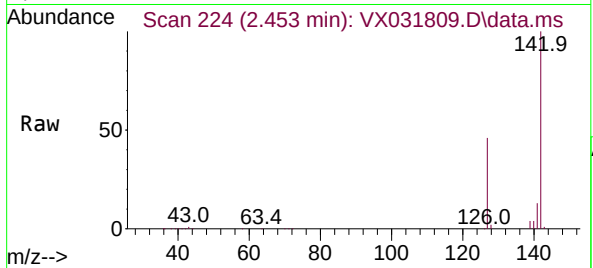




#11
Methyl Iodide
Concen: 102.107 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

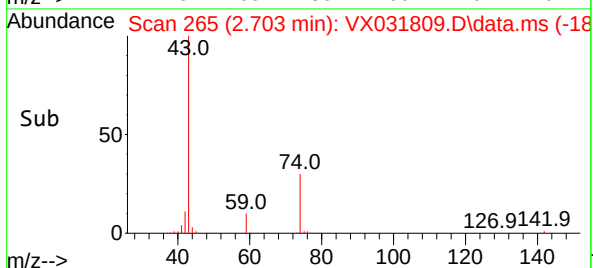
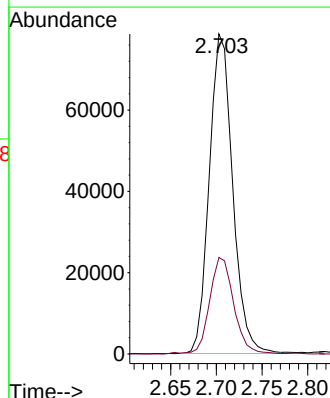
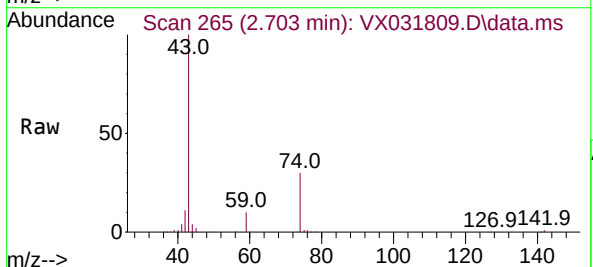
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

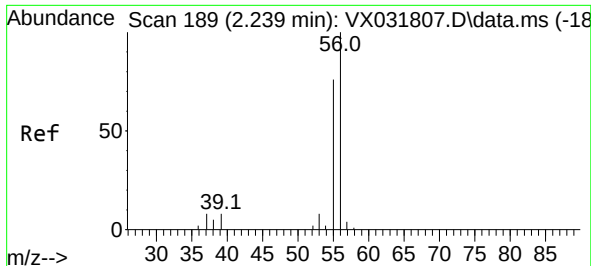
Tgt Ion:142 Resp: 158800
Ion Ratio Lower Upper
142 100
127 46.2 23.8 71.2
141 13.3 7.6 22.8



#12
Methyl Acetate
Concen: 86.191 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 43 Resp: 139894
Ion Ratio Lower Upper
43 100
74 30.0 24.8 37.2





#13

Acrolein

Concen: 388.124 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

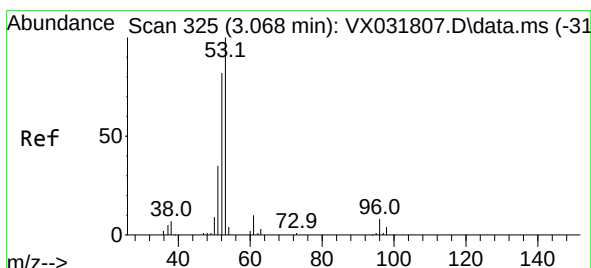
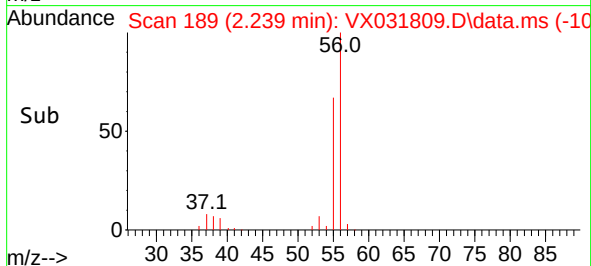
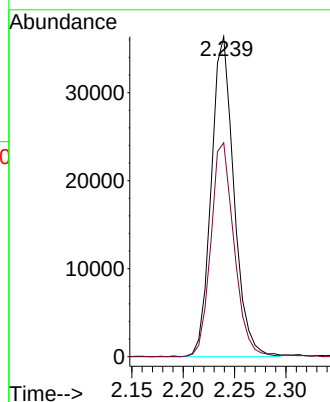
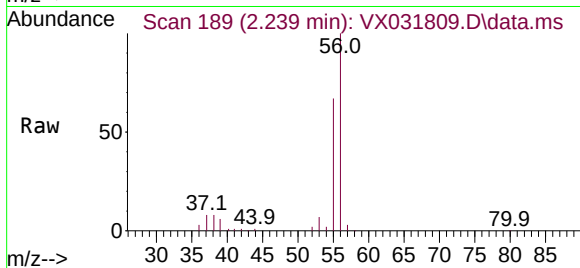
VSTDIC100

Tgt Ion: 56 Resp: 55800

Ion Ratio Lower Upper

56 100

55 68.4 58.4 87.6



#14

Acrylonitrile

Concen: 446.433 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

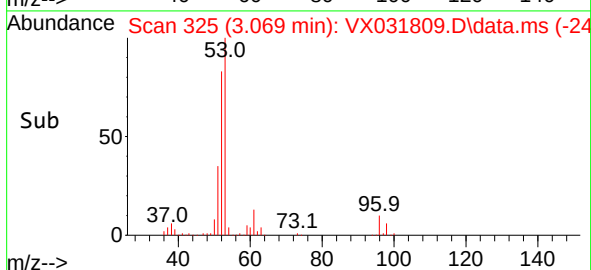
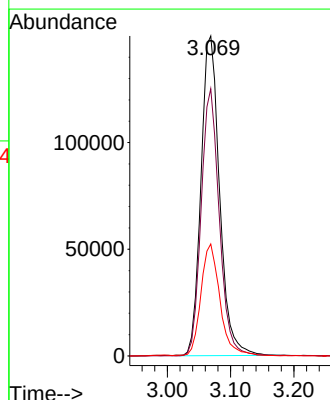
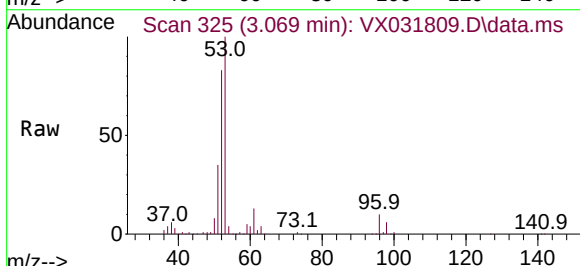
Tgt Ion: 53 Resp: 307559

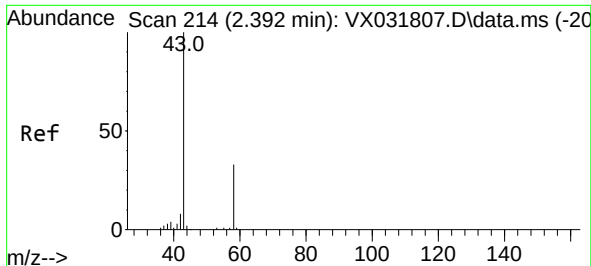
Ion Ratio Lower Upper

53 100

52 81.0 41.5 124.5

51 36.0 18.3 54.9





#15

Acetone

Concen: 426.061 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

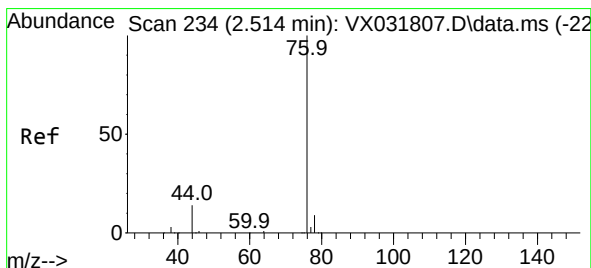
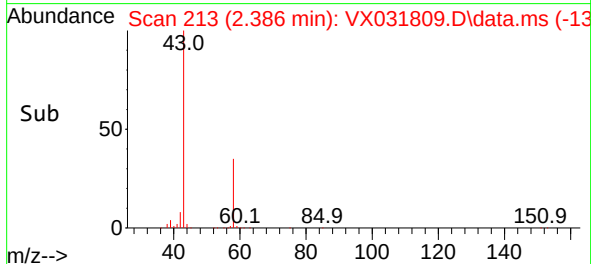
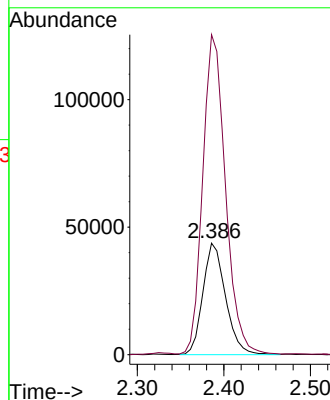
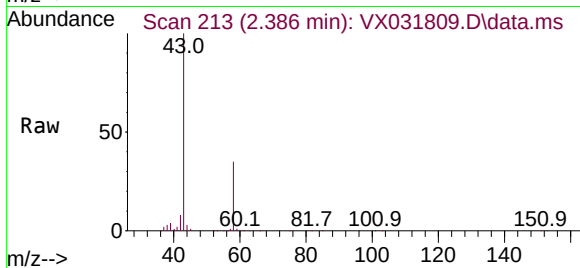
VSTDIC100

Tgt Ion: 58 Resp: 79515

Ion Ratio Lower Upper

58 100

43 286.8 242.6 364.0



#16

Carbon Disulfide

Concen: 89.541 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX031809.D

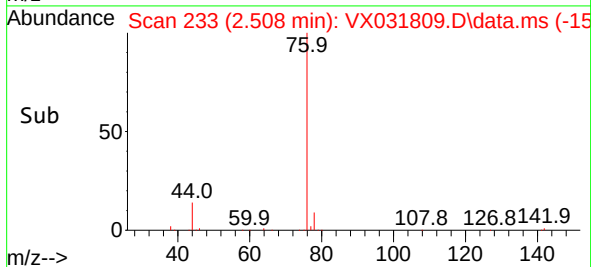
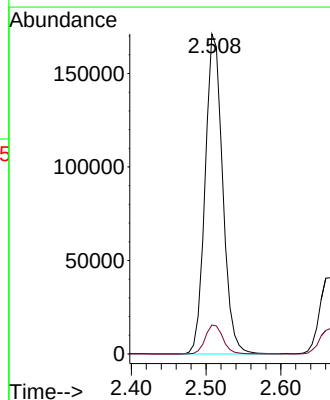
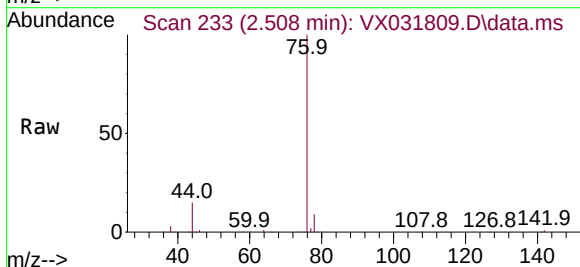
Acq: 30 Sep 2022 12:57

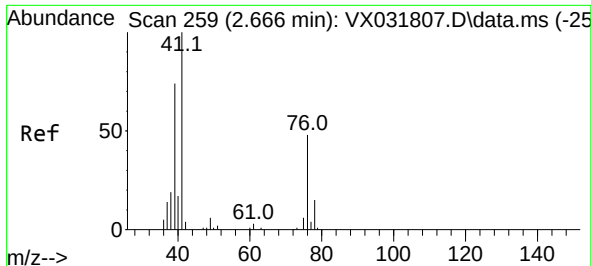
Tgt Ion: 76 Resp: 279072

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#17

Allyl chloride

Concen: 88.810 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

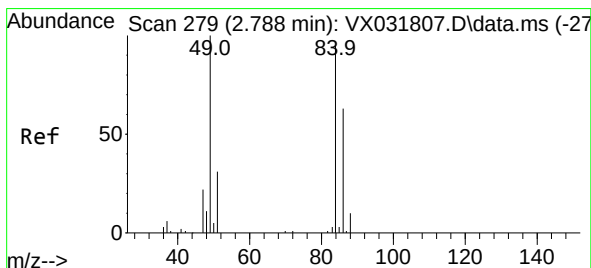
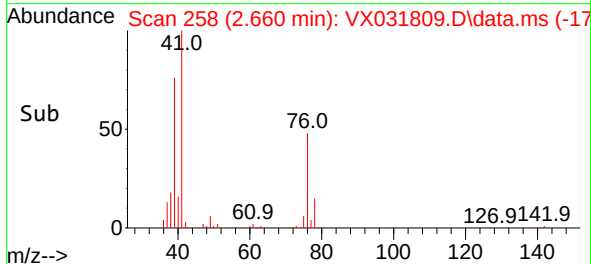
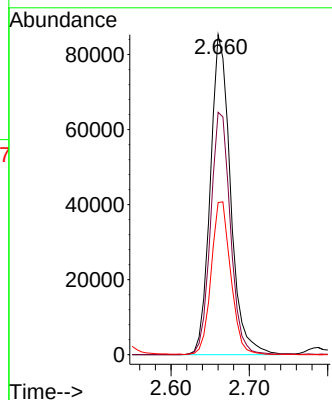
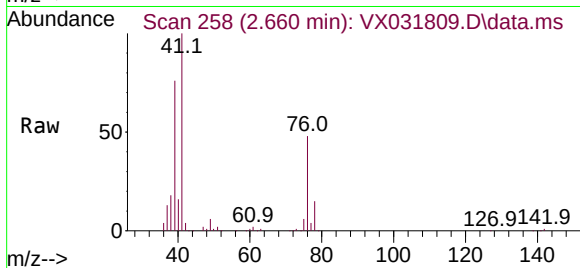
Tgt Ion: 41 Resp: 152726

Ion Ratio Lower Upper

41 100

39 75.7 37.0 111.0

76 47.4 23.8 71.5



#18

Methylene Chloride

Concen: 85.661 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Tgt Ion: 84 Resp: 139269

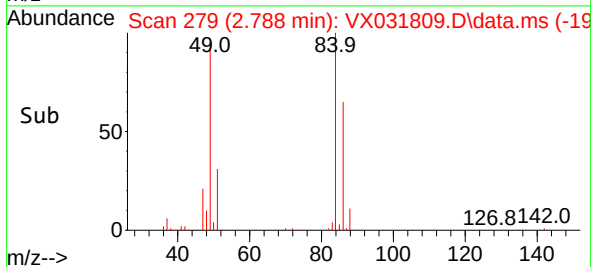
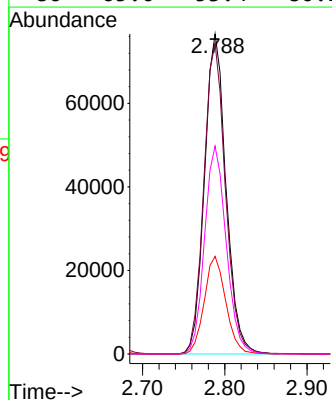
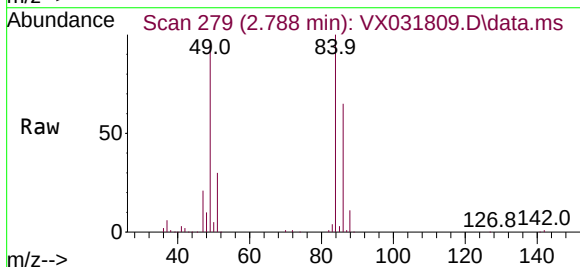
Ion Ratio Lower Upper

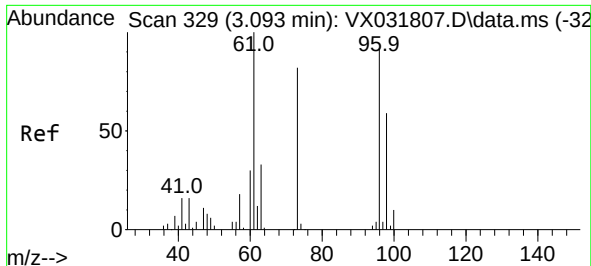
84 100

49 97.1 84.6 127.0

51 30.5 26.5 39.7

86 65.0 53.4 80.2

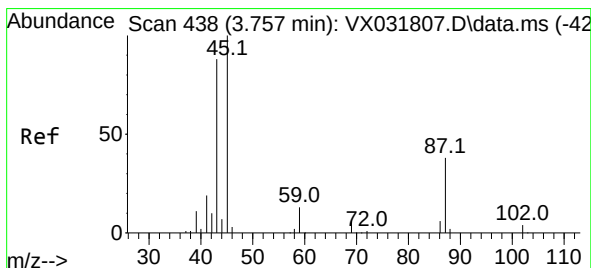
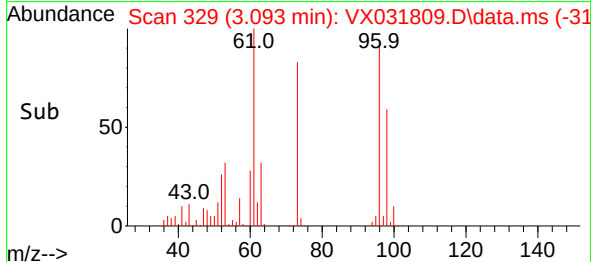
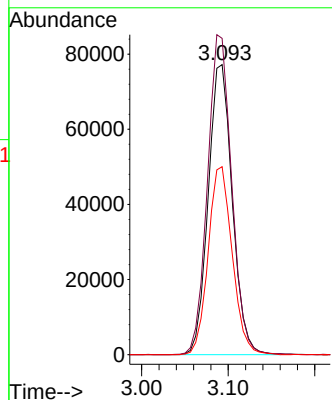
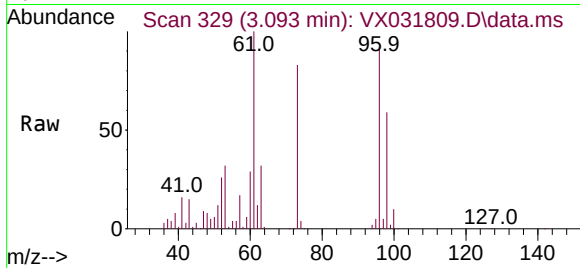




#19
trans-1,2-Dichloroethene
Concen: 90.656 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

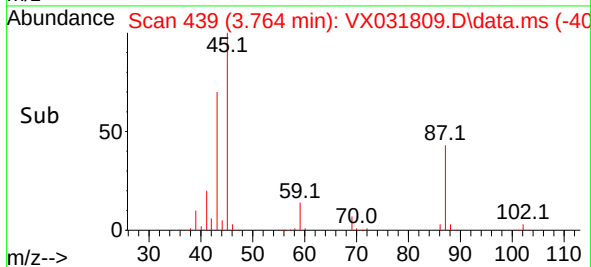
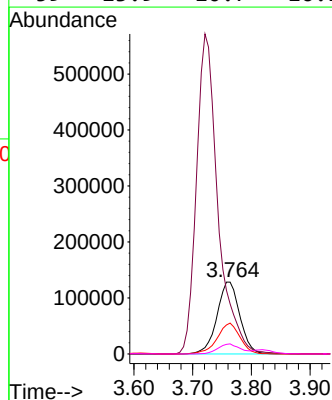
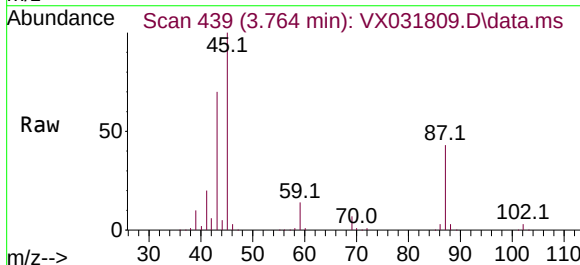
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

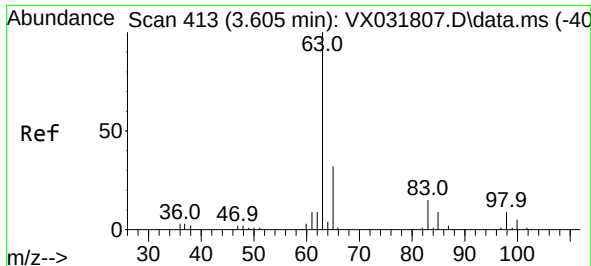
Tgt Ion: 96 Resp: 149129
Ion Ratio Lower Upper
96 100
61 108.9 87.4 131.0
98 64.8 51.5 77.3



#20
Diisopropyl ether
Concen: 87.759 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 45 Resp: 346816
Ion Ratio Lower Upper
45 100
43 68.7 74.5 111.7#
87 42.9 30.4 45.6
59 13.9 10.7 16.1





#21

1,1-Dichloroethane

Concen: 87.428 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

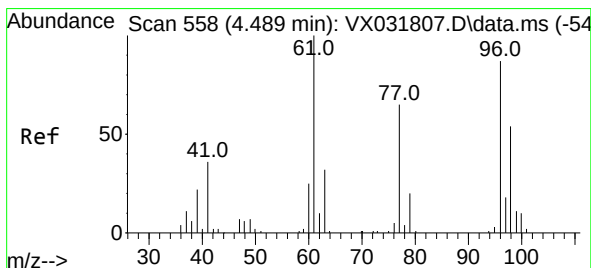
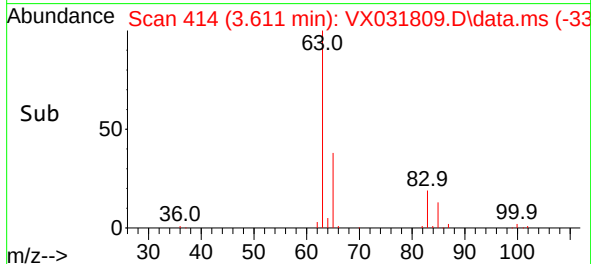
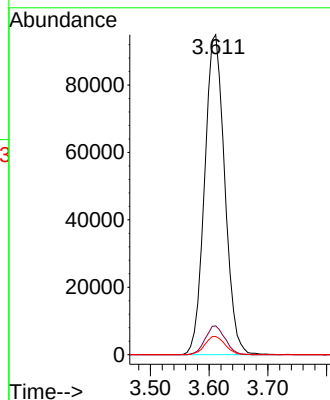
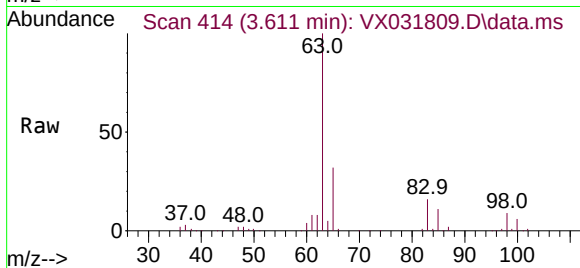
Tgt Ion: 63 Resp: 225405

Ion Ratio Lower Upper

63 100

98 9.0 4.5 13.7

100 5.7 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 89.837 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

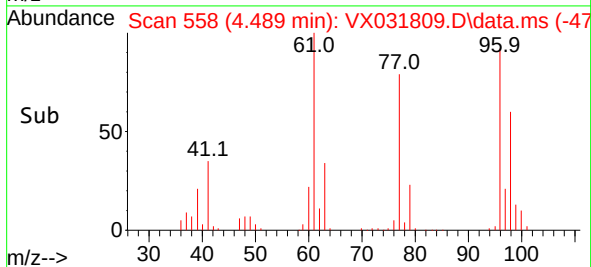
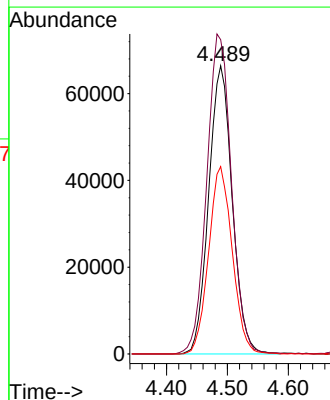
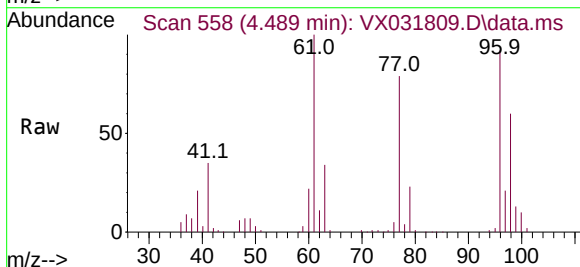
Tgt Ion: 96 Resp: 178523

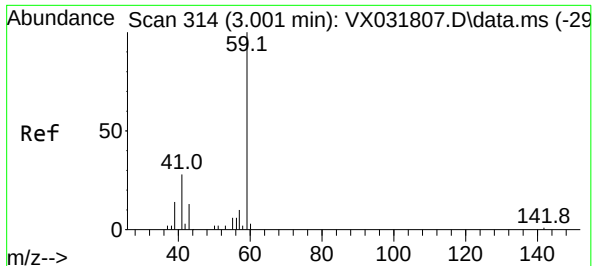
Ion Ratio Lower Upper

96 100

61 116.1 98.0 147.0

98 65.2 52.2 78.4

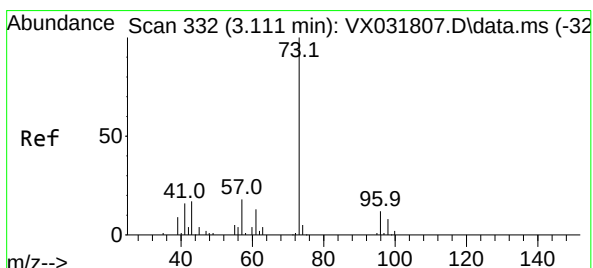
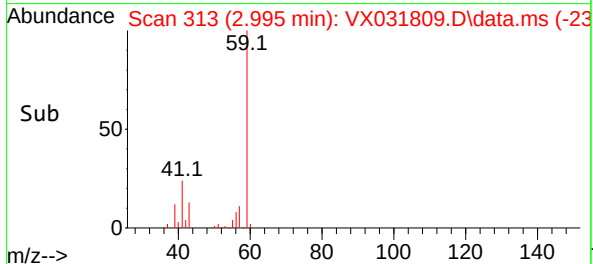
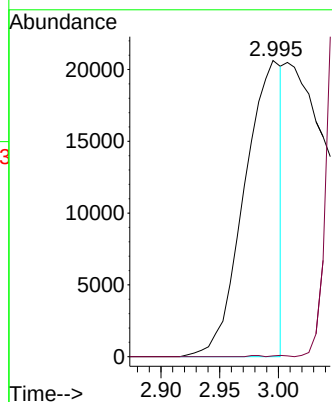
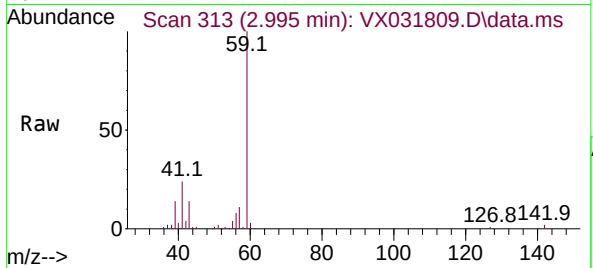




#23
tert-Butyl Alcohol
Concen: 176.656 ug/l
RT: 2.995 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

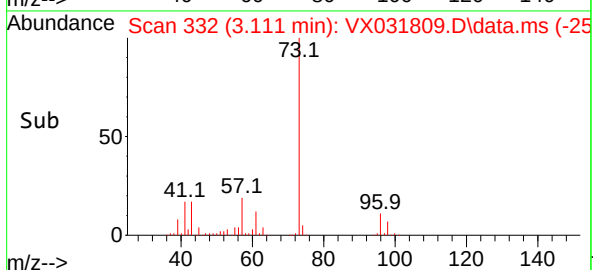
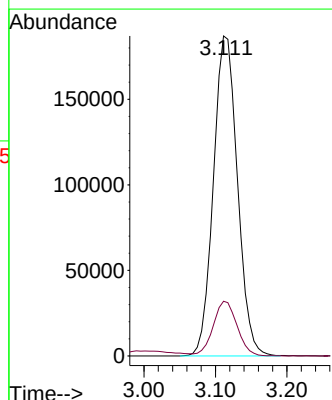
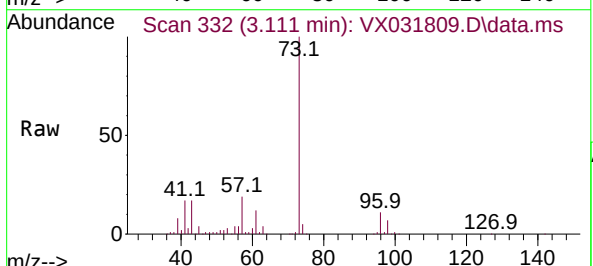
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

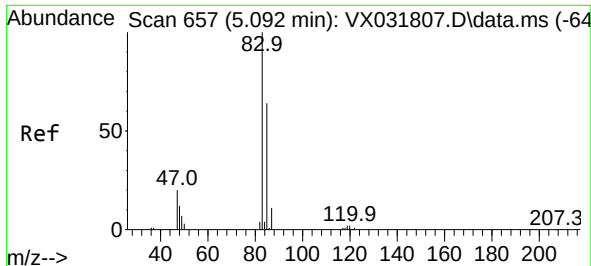
Tgt Ion: 59 Resp: 45331
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 89.467 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 73 Resp: 436832
Ion Ratio Lower Upper
73 100
43 16.8 14.8 22.2





#25

Chloroform

Concen: 89.386 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

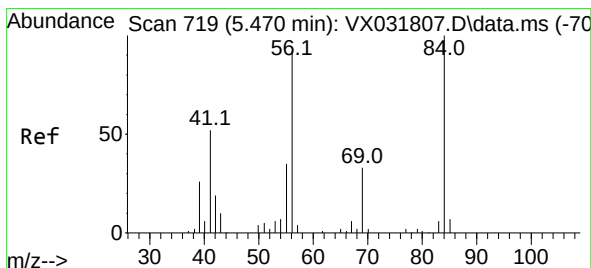
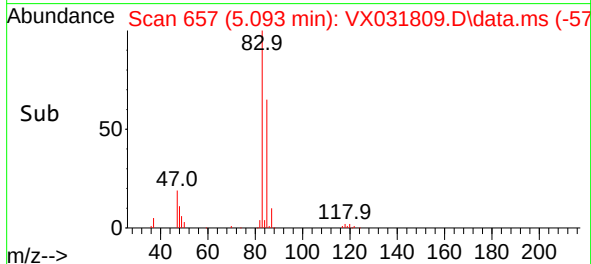
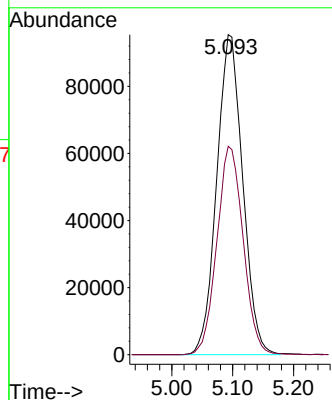
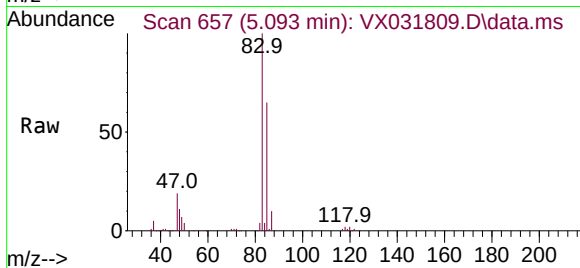
VSTDIC100

Tgt Ion: 83 Resp: 282943

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0



#26

Cyclohexane

Concen: 89.038 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

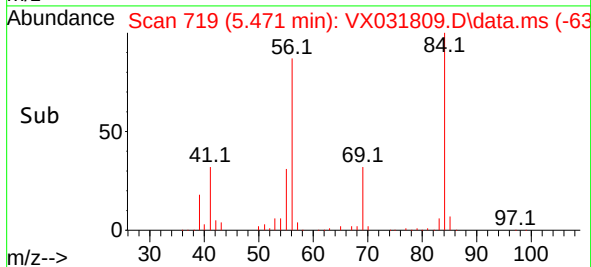
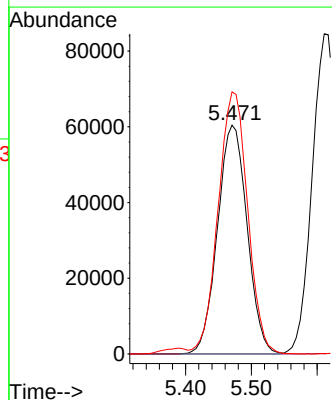
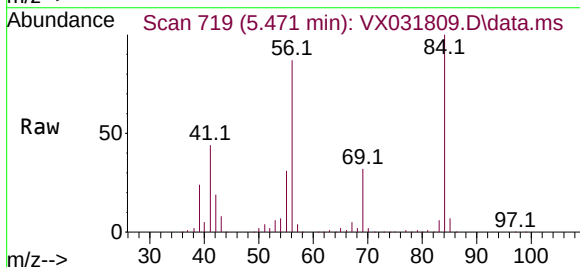
Tgt Ion: 56 Resp: 189360

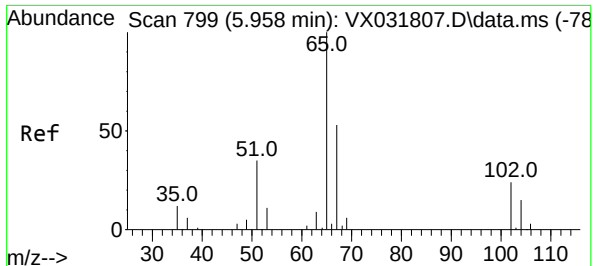
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 114.2 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 27.380 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

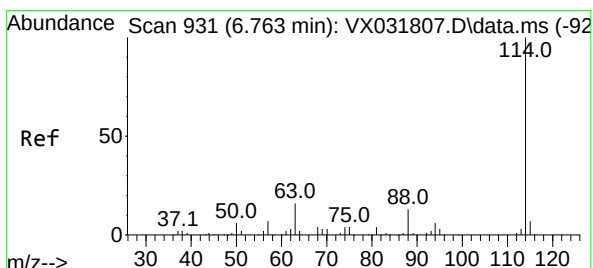
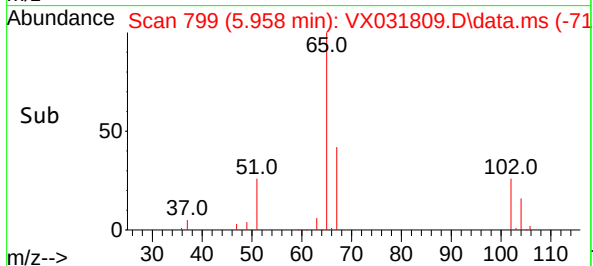
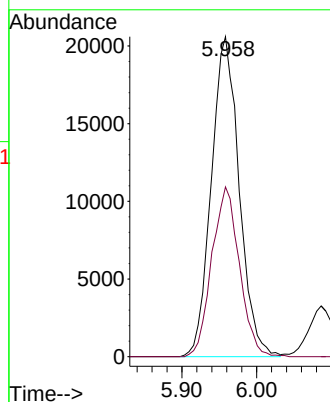
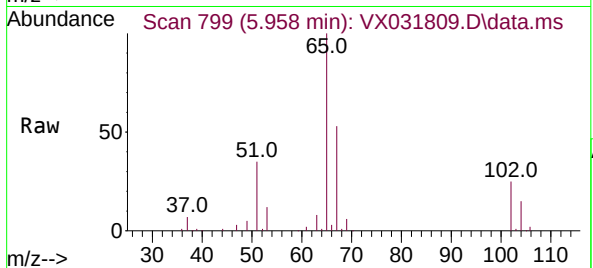
VSTDIC100

Tgt Ion: 65 Resp: 53325

Ion Ratio Lower Upper

65 100

67 52.4 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

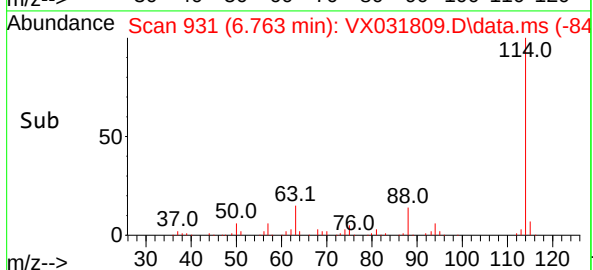
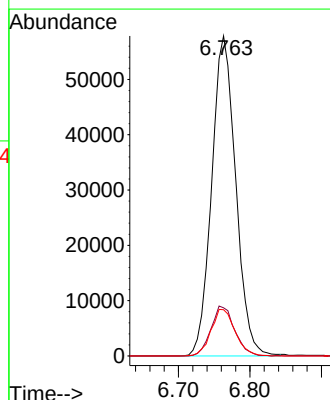
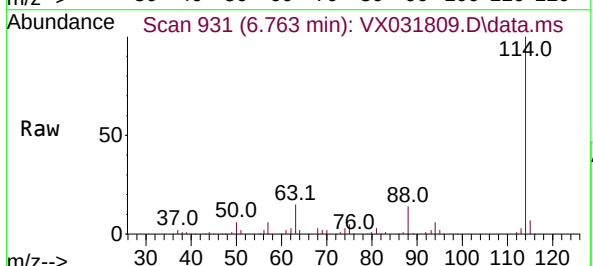
Tgt Ion: 114 Resp: 135200

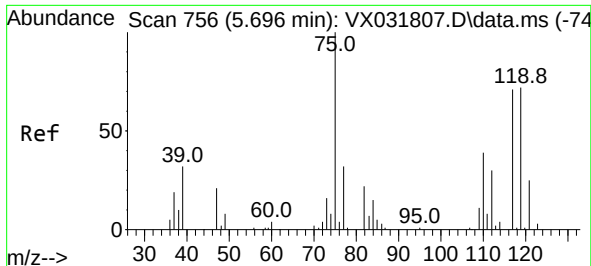
Ion Ratio Lower Upper

114 100

63 15.3 13.6 20.4

88 14.6 11.8 17.6





#29

1,1-Dichloropropene

Concen: 92.695 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

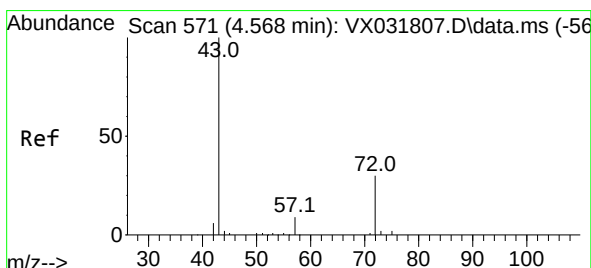
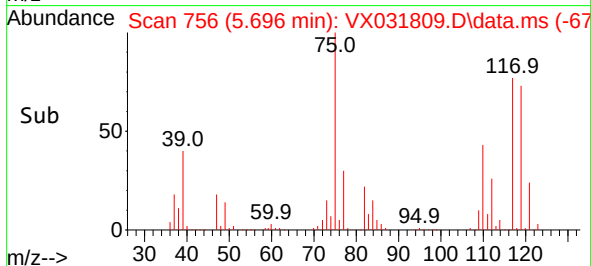
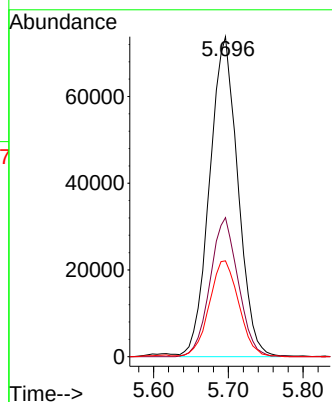
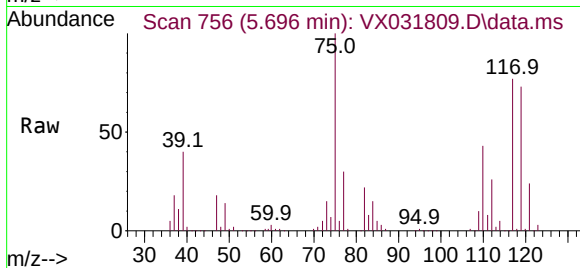
Tgt Ion: 75 Resp: 194263

Ion Ratio Lower Upper

75 100

110 43.2 0.0 80.4

77 31.4 0.0 62.0



#30

2-Butanone

Concen: 453.562 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

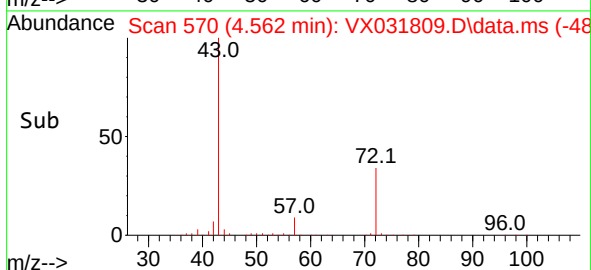
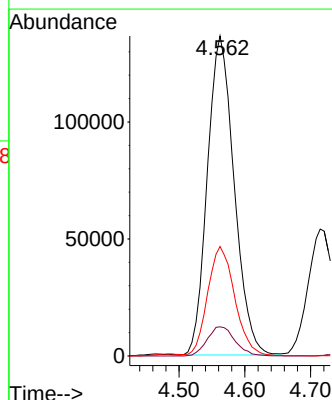
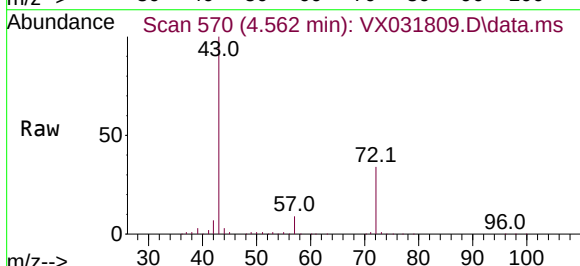
Tgt Ion: 43 Resp: 386926

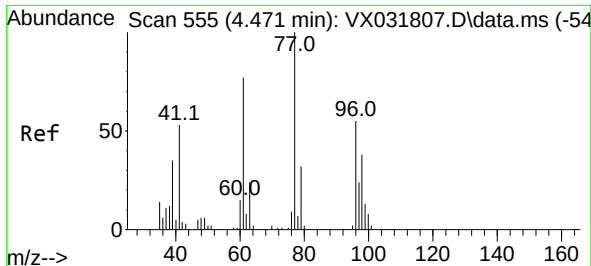
Ion Ratio Lower Upper

43 100

57 9.5 7.5 11.3

72 34.6 26.6 39.8





#31

2,2-Dichloropropane

Concen: 97.479 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

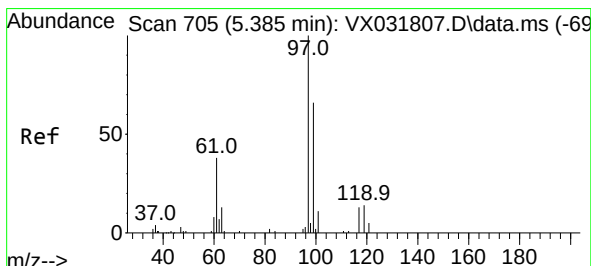
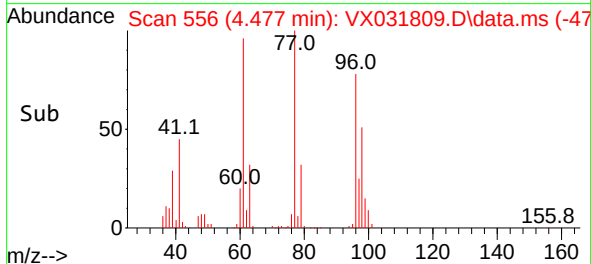
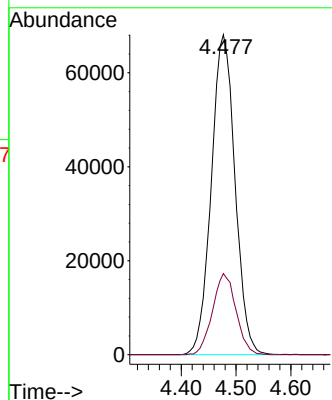
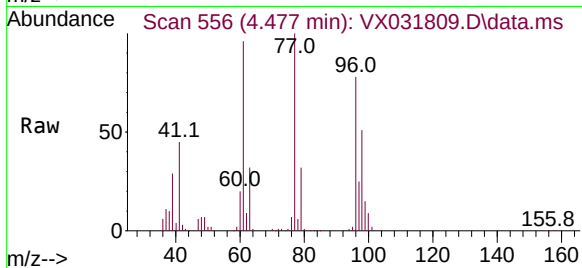
VSTDIC100

Tgt Ion: 77 Resp: 204559

Ion Ratio Lower Upper

77 100

97 25.1 20.0 30.0



#32

1,1,1-Trichloroethane

Concen: 95.562 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

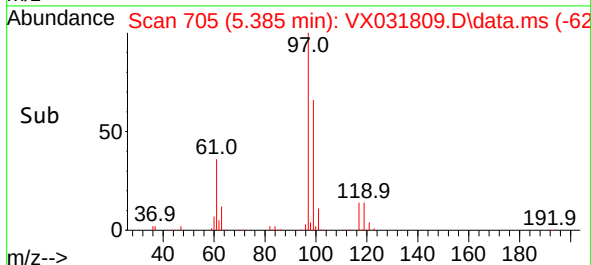
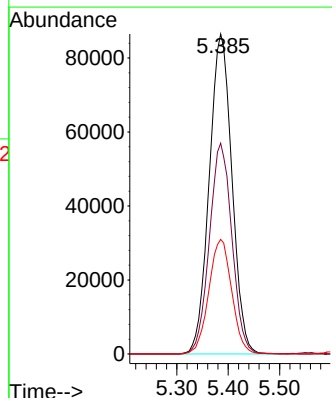
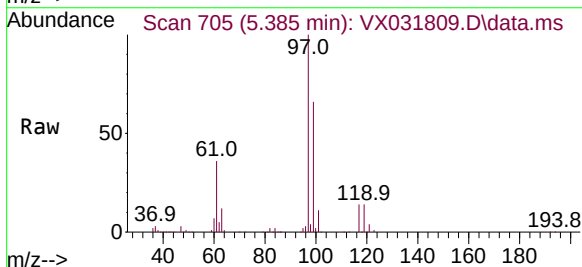
Tgt Ion: 97 Resp: 265105

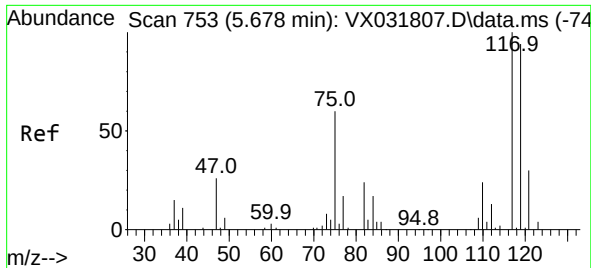
Ion Ratio Lower Upper

97 100

99 65.3 53.8 80.6

61 36.2 31.3 46.9

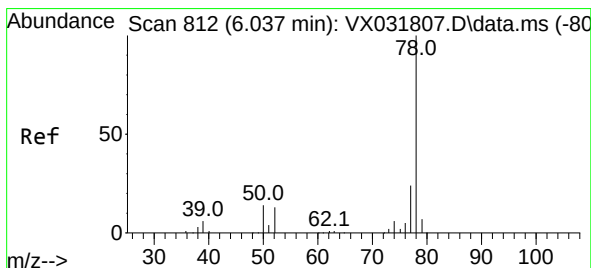
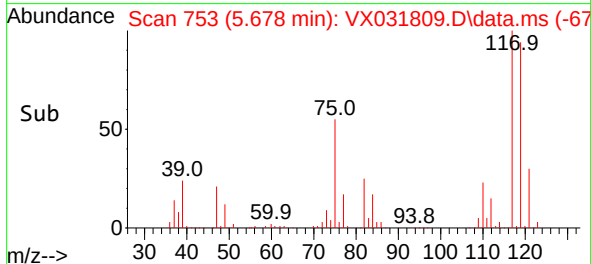
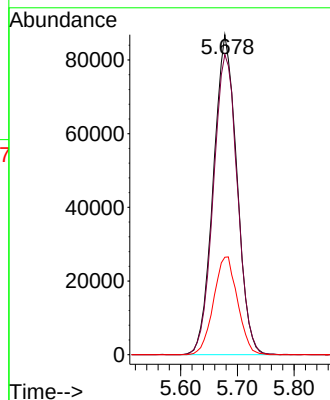
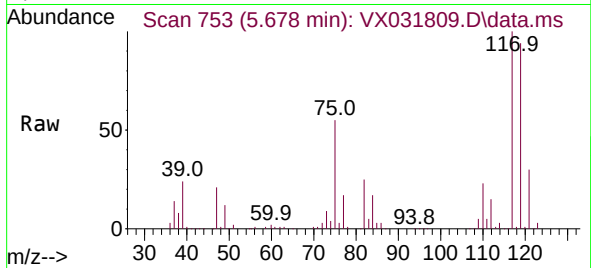




#33
Carbon Tetrachloride
Concen: 98.171 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

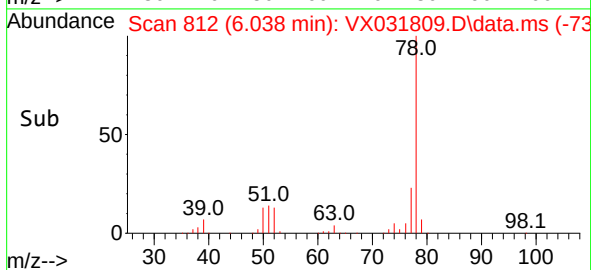
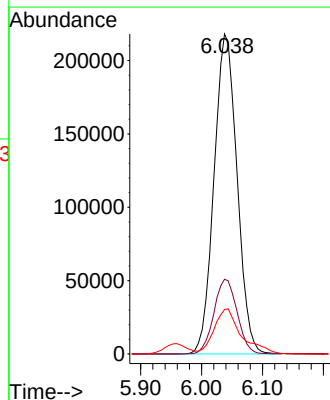
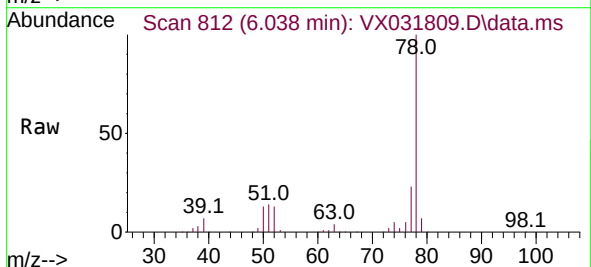
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

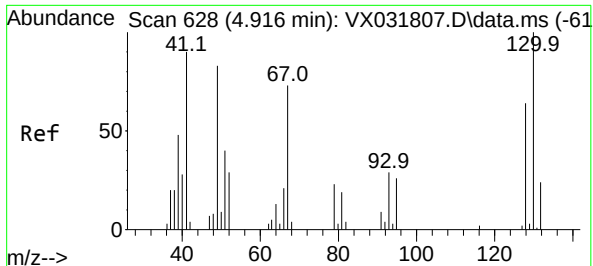
Tgt Ion:117 Resp: 249706
Ion Ratio Lower Upper
117 100
119 93.8 75.4 113.2
121 30.4 24.4 36.6



#34
Benzene
Concen: 92.412 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 78 Resp: 573139
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6
51 13.7 10.6 15.8





#35

Methacrylonitrile

Concen: 95.485 ug/l

RT: 4.922 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 85122

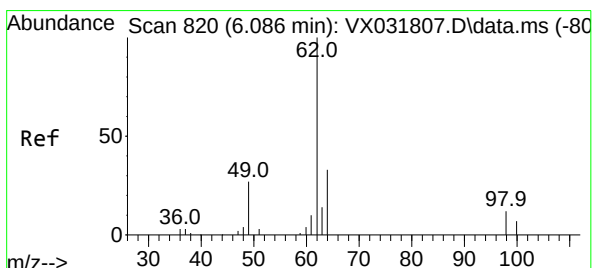
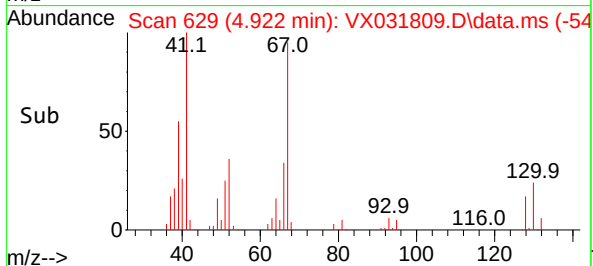
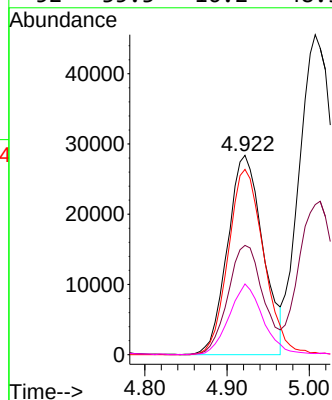
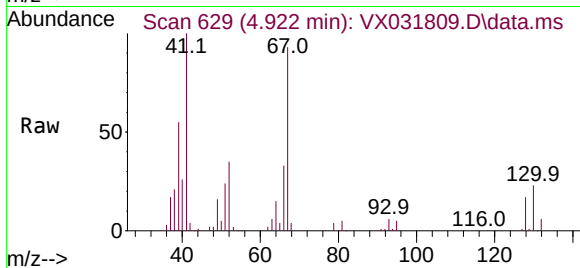
Ion Ratio Lower Upper

41 100

39 54.6 26.9 80.7

67 93.0 40.6 121.8

52 35.3 16.2 48.5



#36

1,2-Dichloroethane

Concen: 90.856 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX031809.D

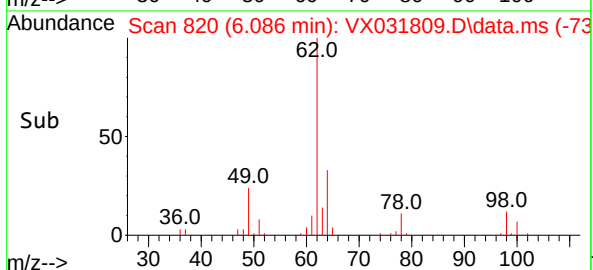
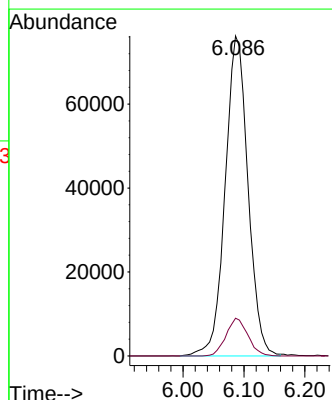
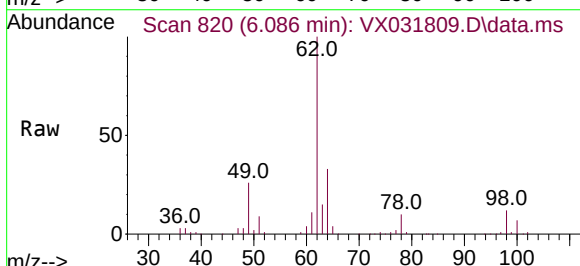
Acq: 30 Sep 2022 12:57

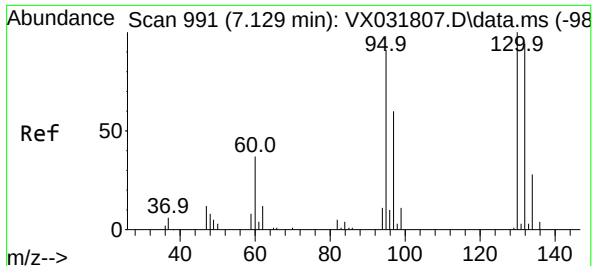
Tgt Ion: 62 Resp: 198535

Ion Ratio Lower Upper

62 100

98 11.3 8.8 13.2





#37

Trichloroethene

Concen: 95.432 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

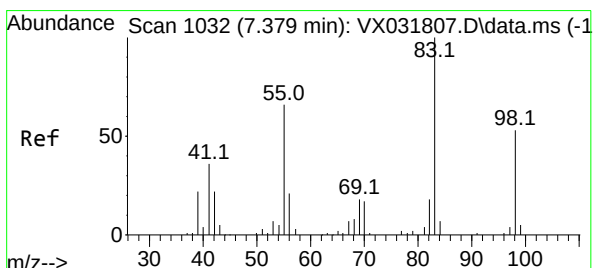
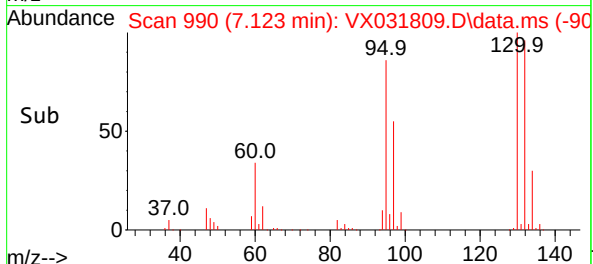
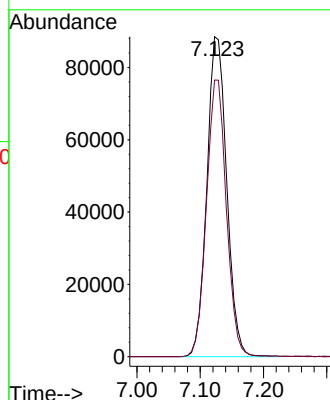
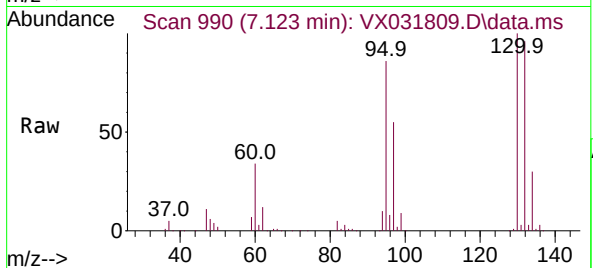
VSTDIC100

Tgt Ion:130 Resp: 193106

Ion Ratio Lower Upper

130 100

95 86.5 72.4 108.6



#38

Methylcyclohexane

Concen: 94.242 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

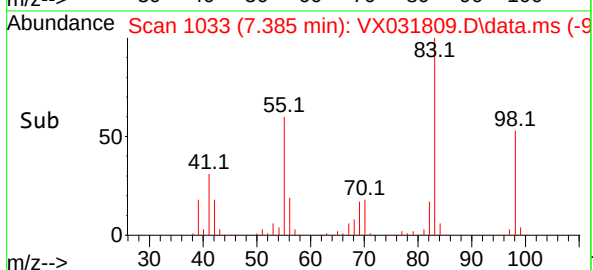
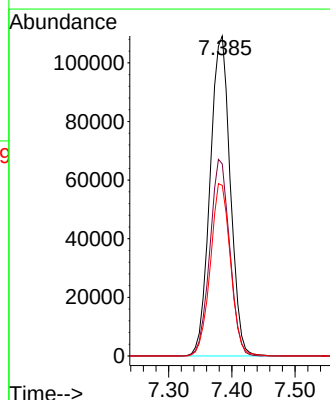
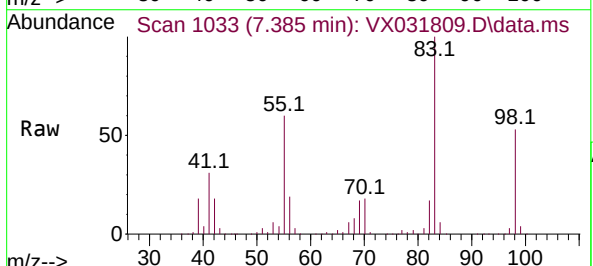
Tgt Ion: 83 Resp: 241774

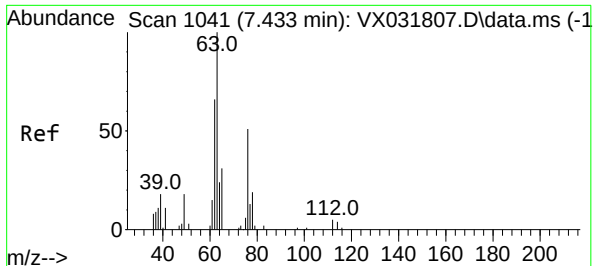
Ion Ratio Lower Upper

83 100

55 60.3 31.6 94.7

98 53.6 26.9 80.6





#39

1,2-Dichloropropane

Concen: 92.911 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

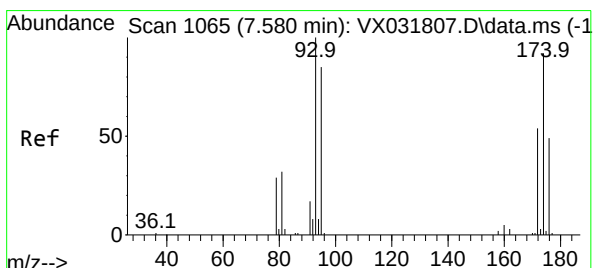
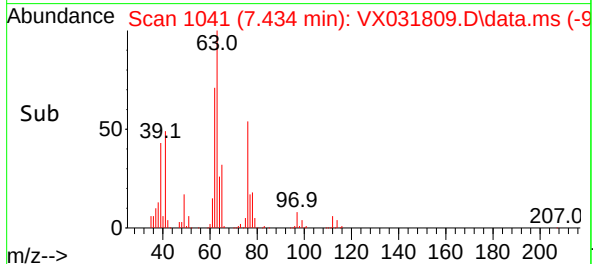
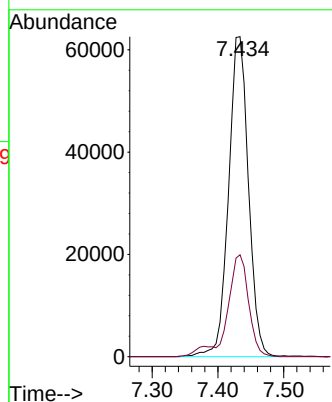
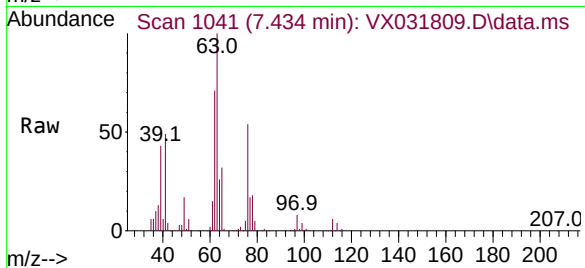
VSTDICC100

Tgt Ion: 63 Resp: 131704

Ion Ratio Lower Upper

63 100

65 31.8 26.5 39.7



#40

Dibromomethane

Concen: 93.887 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

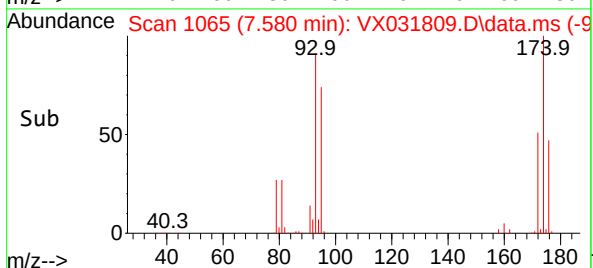
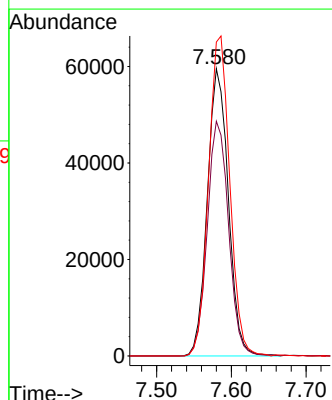
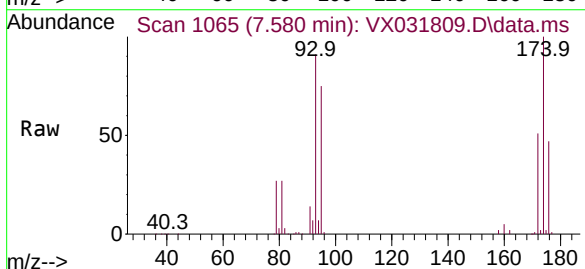
Tgt Ion: 93 Resp: 116406

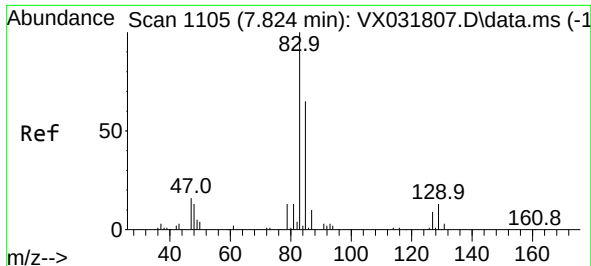
Ion Ratio Lower Upper

93 100

95 82.8 0.0 165.0

174 112.6 0.0 205.2

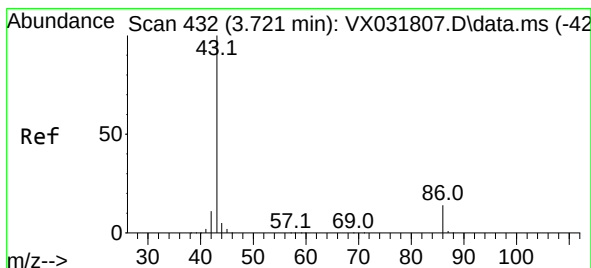
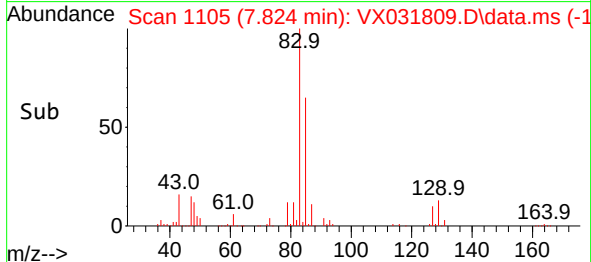
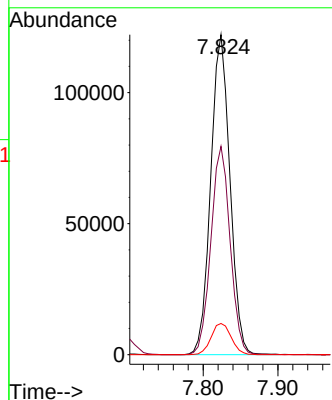
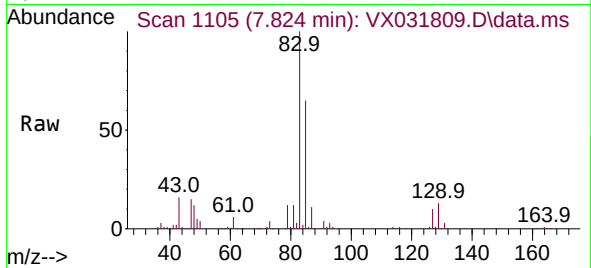




#41
Bromodichloromethane
Concen: 96.965 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

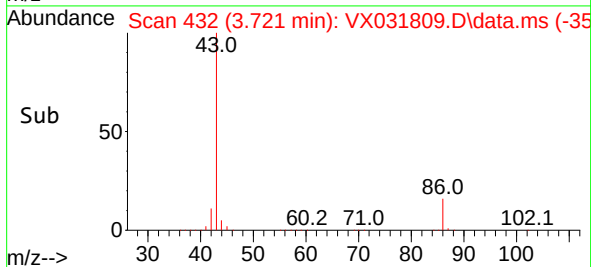
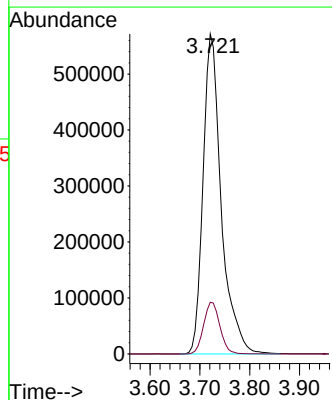
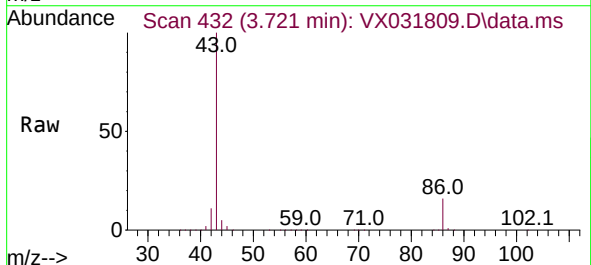
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

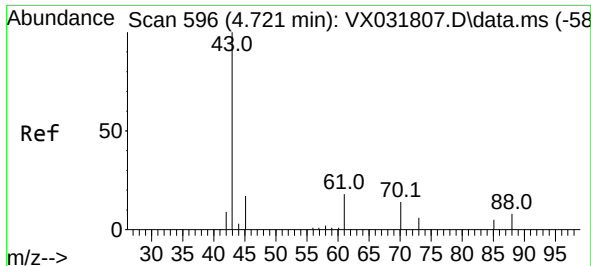
Tgt Ion: 83 Resp: 218049
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5
127 9.8 6.8 10.2



#42
Vinyl Acetate
Concen: 471.674 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 43 Resp: 1451017
Ion Ratio Lower Upper
43 100
86 14.4 10.3 15.5

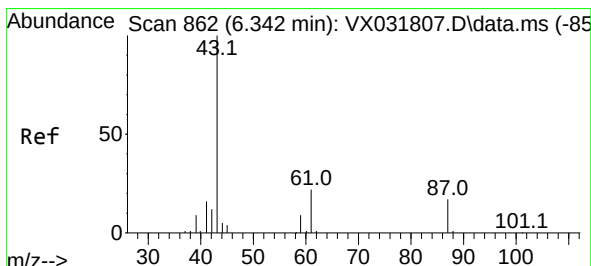
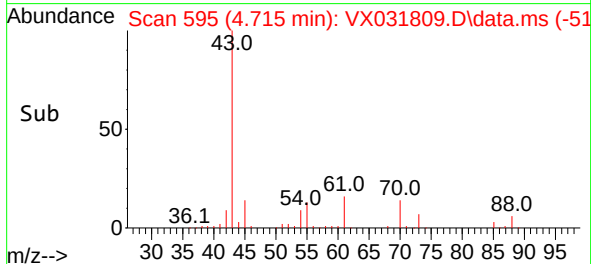
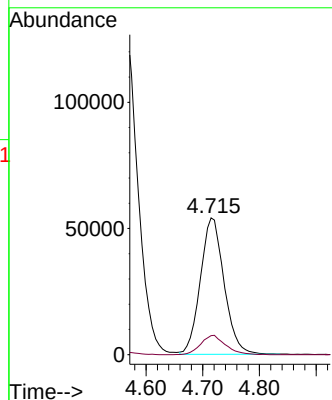
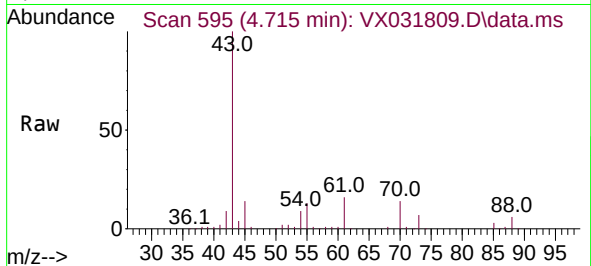




#43
Ethyl Acetate
Concen: 91.790 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

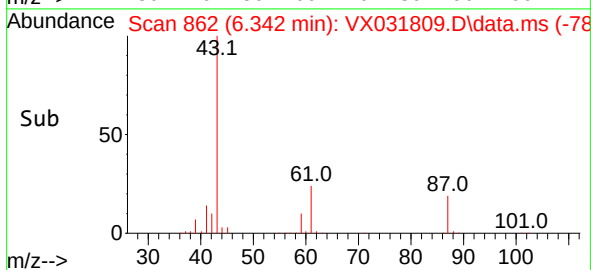
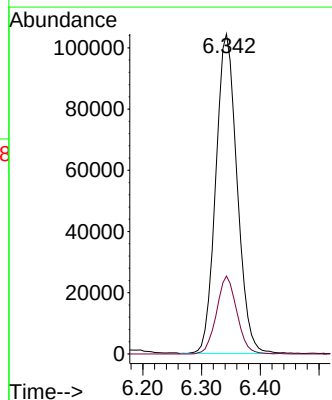
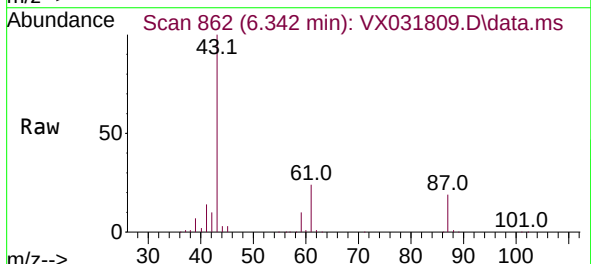
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

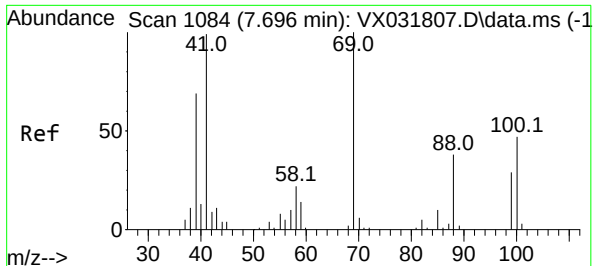
Tgt Ion: 43 Resp: 157333
Ion Ratio Lower Upper
43 100
45 14.8 8.2 12.2#



#44
Isopropyl Acetate
Concen: 96.426 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 43 Resp: 262698
Ion Ratio Lower Upper
43 100
61 23.3 17.2 25.8





#45

1,4-Dioxane

Concen: 1812.273 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

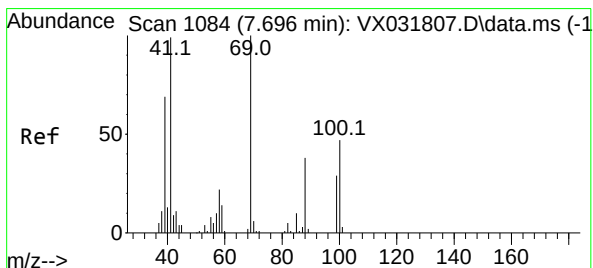
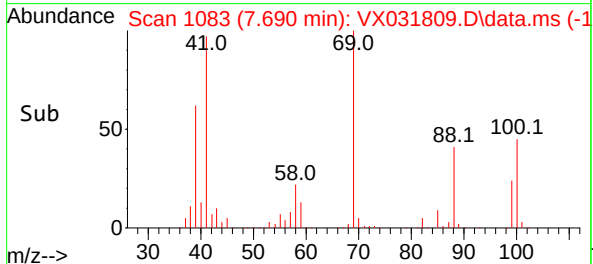
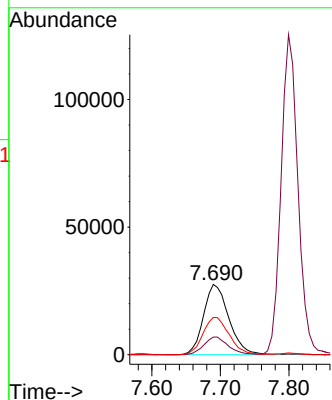
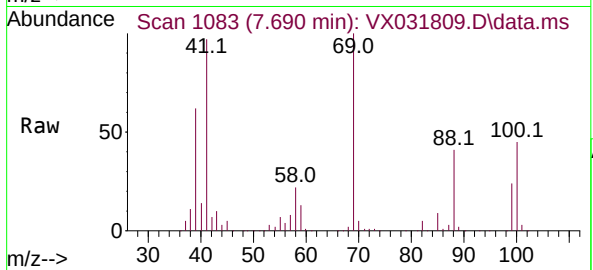
Tgt Ion: 88 Resp: 70652

Ion Ratio Lower Upper

88 100

43 24.4 20.4 30.6

58 54.7 44.0 66.0



#46

Methyl methacrylate

Concen: 96.339 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

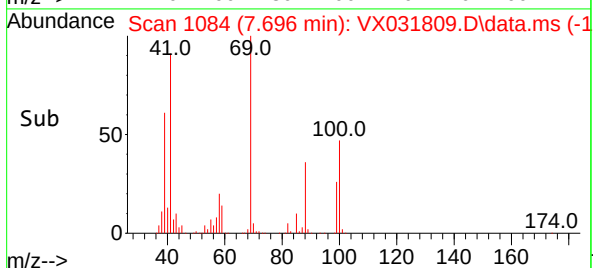
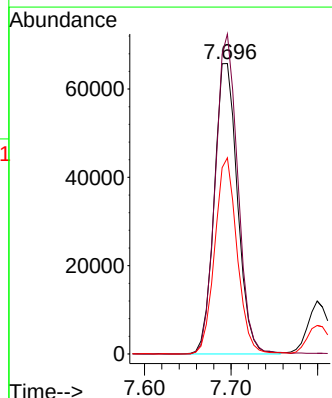
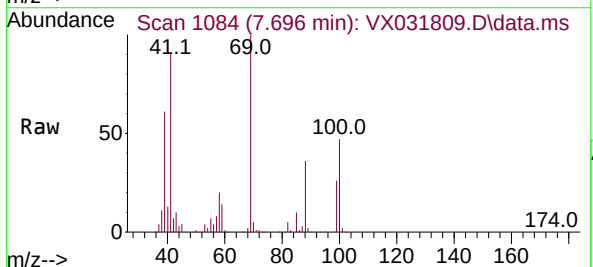
Tgt Ion: 41 Resp: 122509

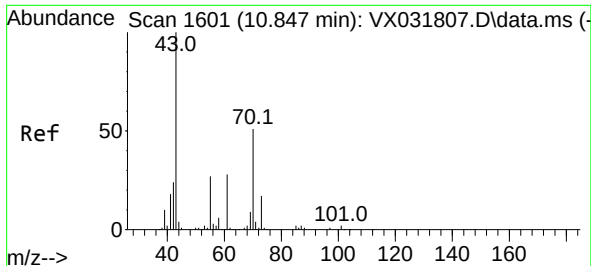
Ion Ratio Lower Upper

41 100

69 110.2 50.5 151.5

39 67.6 34.6 103.8





#47

n-amy1 Acetate

Concen: 100.394 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

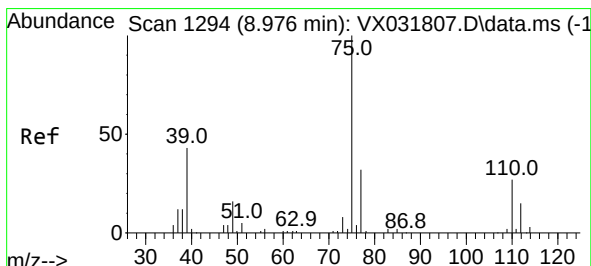
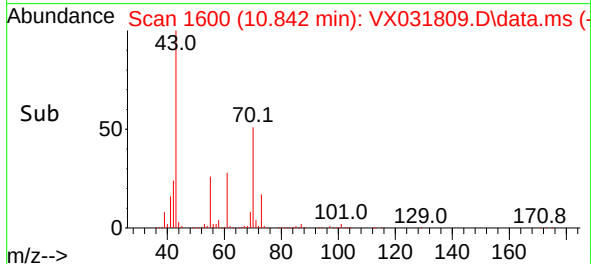
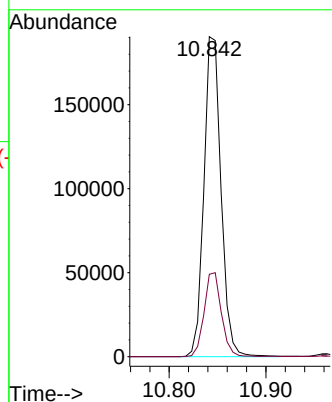
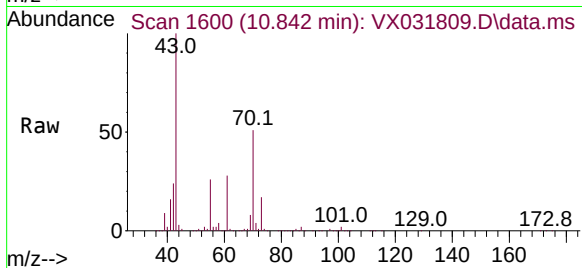
VSTDIC100

Tgt Ion: 43 Resp: 234889

Ion Ratio Lower Upper

43 100

55 26.4 21.6 32.4



#48

t-1,3-Dichloropropene

Concen: 102.700 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX031809.D

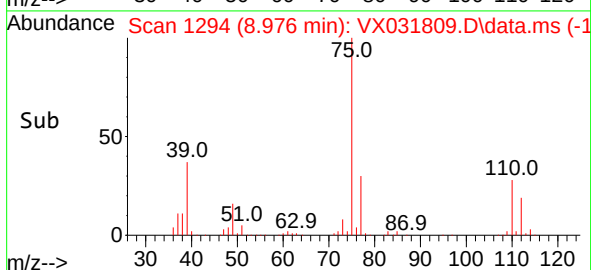
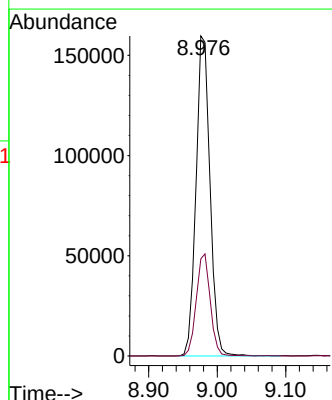
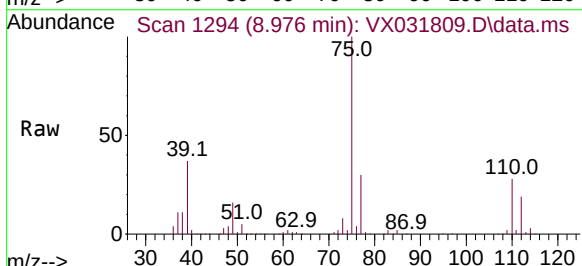
Acq: 30 Sep 2022 12:57

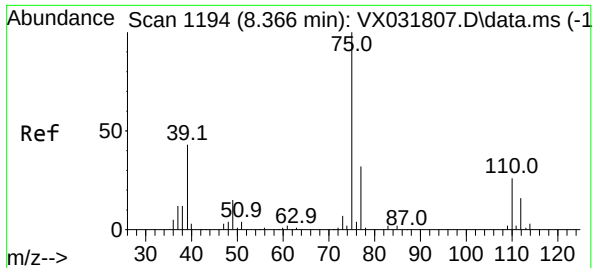
Tgt Ion: 75 Resp: 227671

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 99.275 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

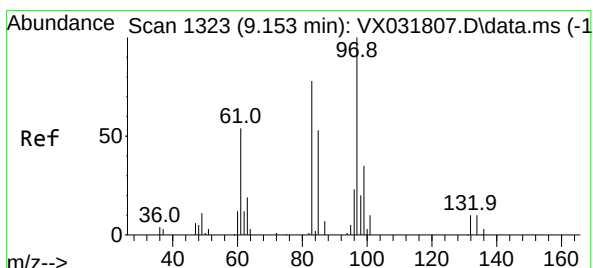
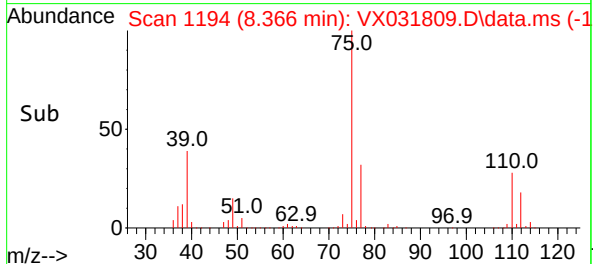
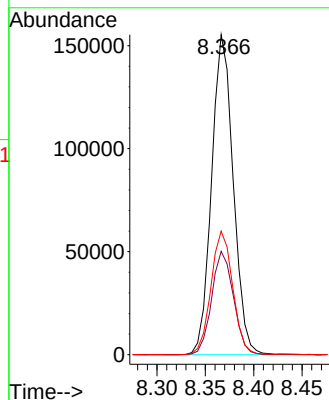
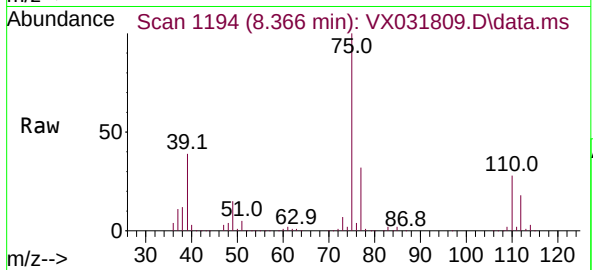
Tgt Ion: 75 Resp: 241427

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

39 38.5 34.1 51.1



#50

1,1,2-Trichloroethane

Concen: 95.285 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Tgt Ion: 97 Resp: 171109

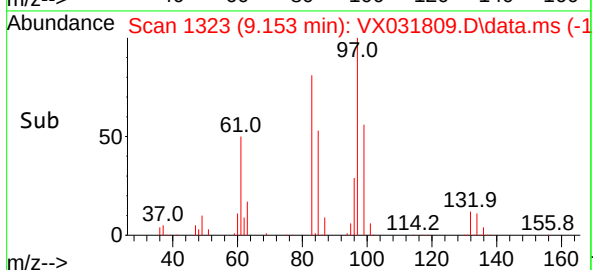
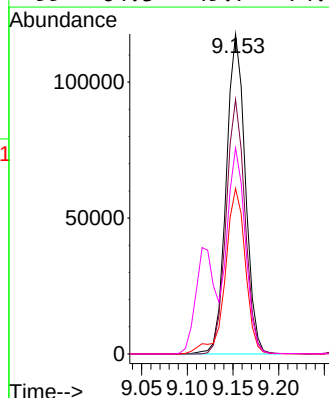
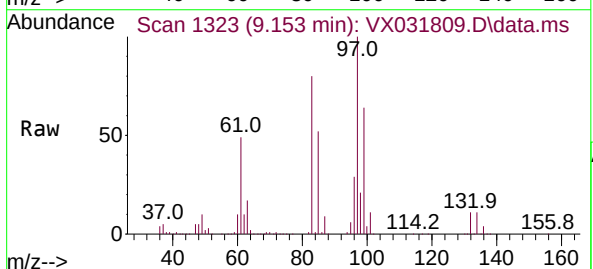
Ion Ratio Lower Upper

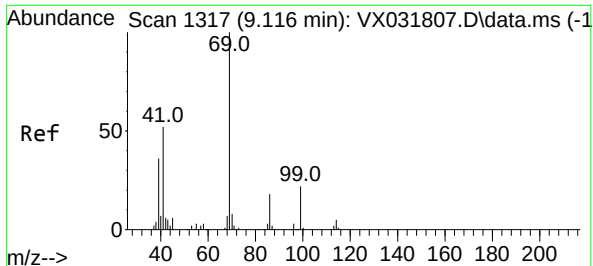
97 100

83 79.5 62.2 93.4

85 51.7 44.2 66.2

99 64.3 49.7 74.5





#51

Ethyl methacrylate

Concen: 96.932 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

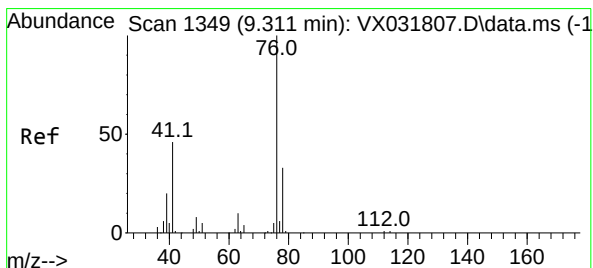
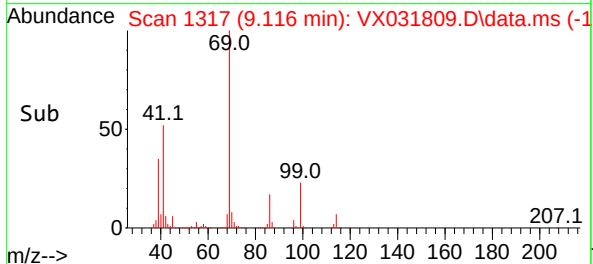
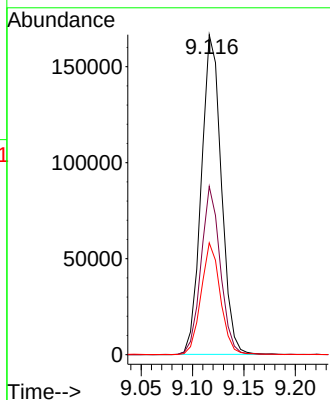
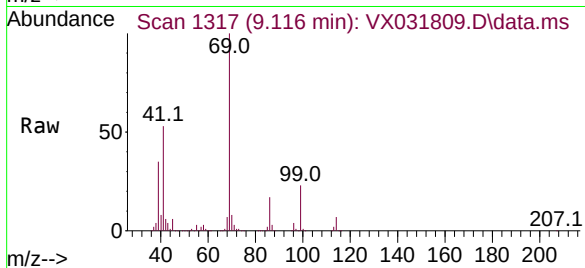
Tgt Ion: 69 Resp: 225648

Ion Ratio Lower Upper

69 100

41 52.6 25.9 77.7

39 34.9 17.8 53.3



#52

1,3-Dichloropropane

Concen: 93.105 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX031809.D

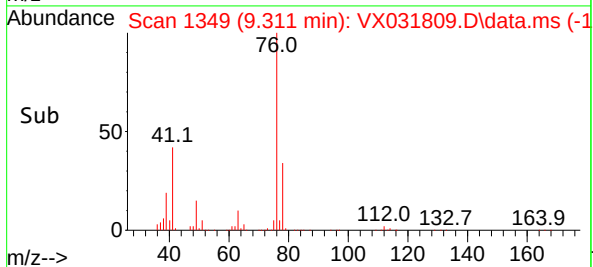
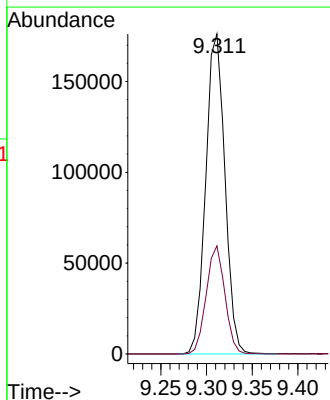
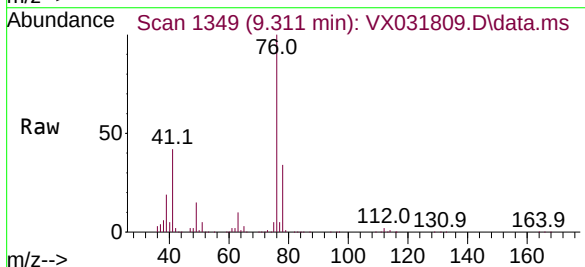
Acq: 30 Sep 2022 12:57

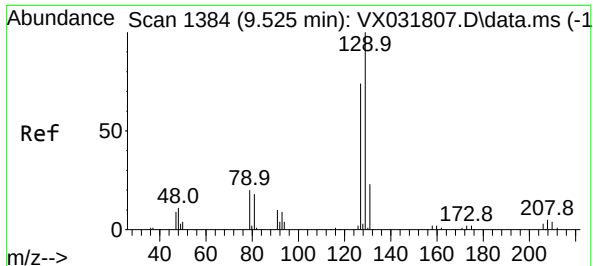
Tgt Ion: 76 Resp: 256216

Ion Ratio Lower Upper

76 100

78 32.8 0.0 66.0

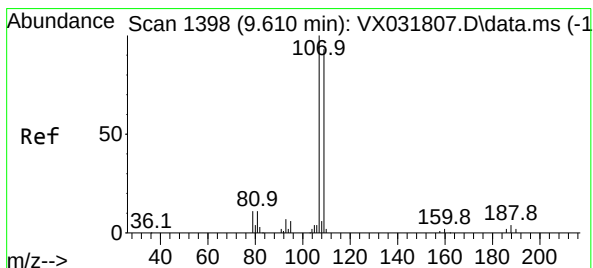
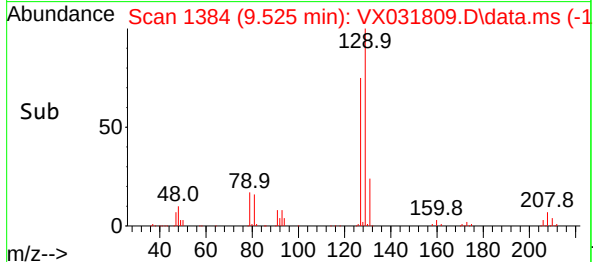
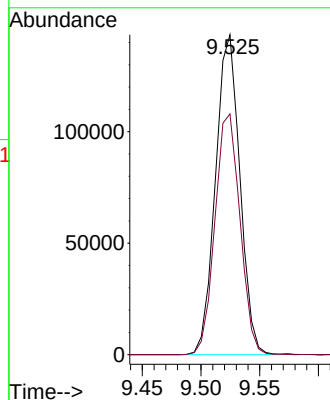
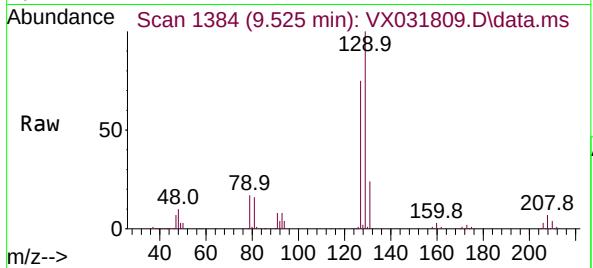




#53
Dibromochloromethane
Concen: 103.681 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

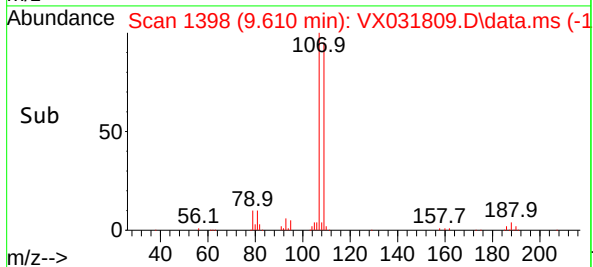
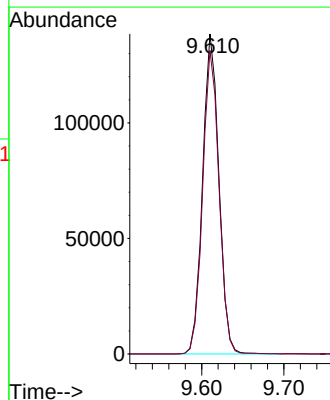
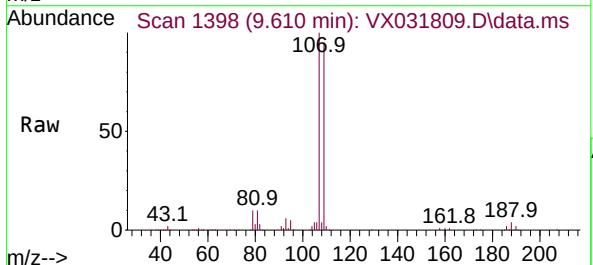
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

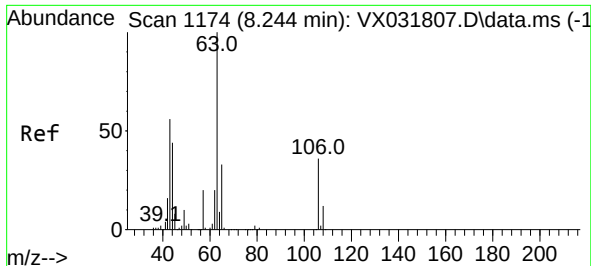
Tgt Ion:129 Resp: 207333
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0



#54
1,2-Dibromoethane
Concen: 96.048 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion:107 Resp: 191075
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6

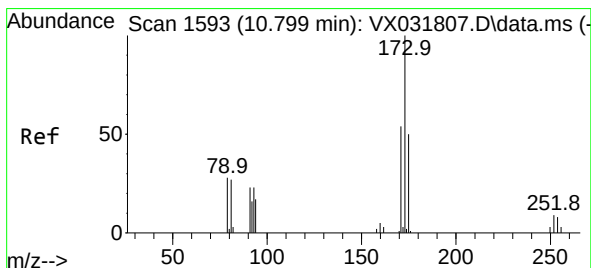
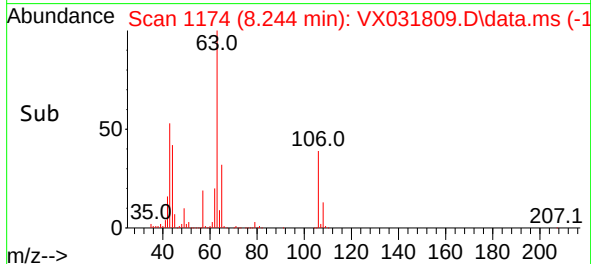
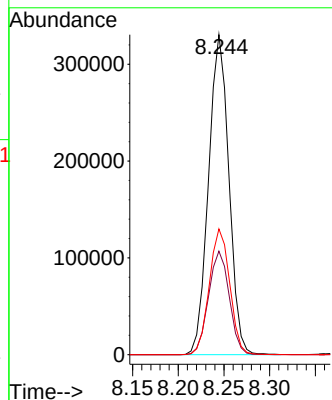
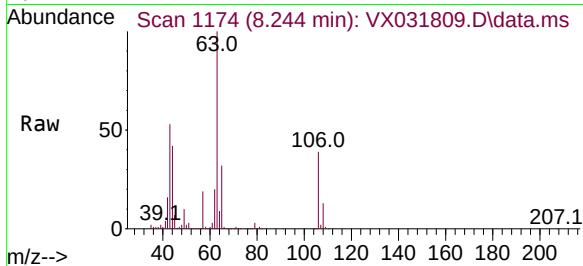




#55
2-Chloroethyl vinyl ether
Concen: 447.975 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

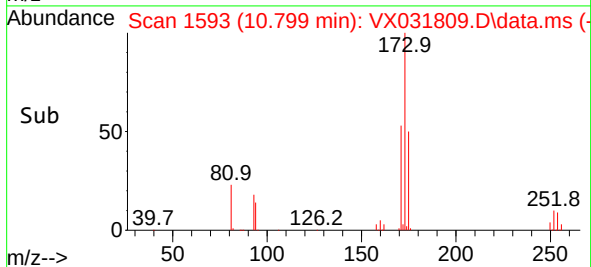
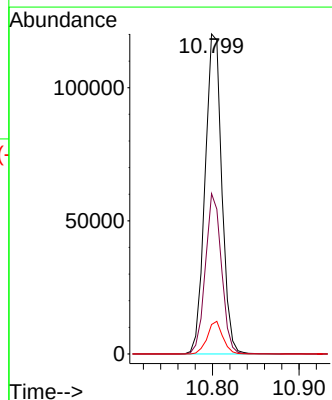
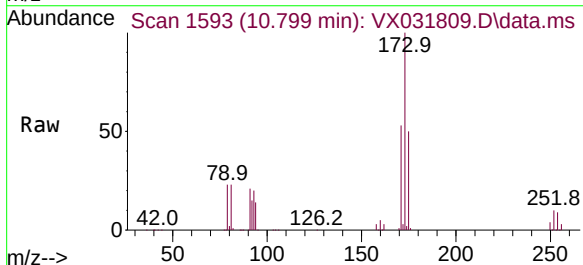
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

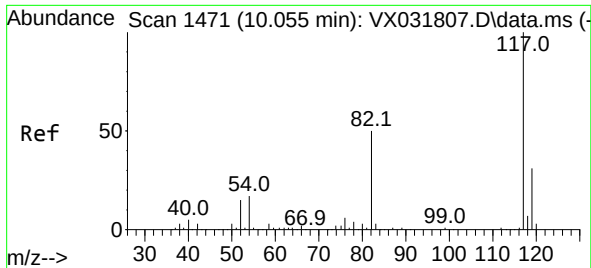
Tgt Ion: 63 Resp: 511346
Ion Ratio Lower Upper
63 100
65 33.0 25.5 38.3
106 39.5 28.9 43.3



#56
Bromoform
Concen: 110.167 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 173 Resp: 161473
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 9.5 6.8 10.2

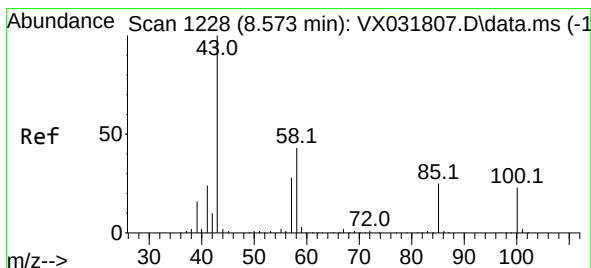
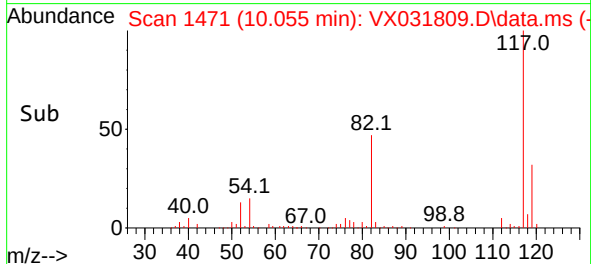
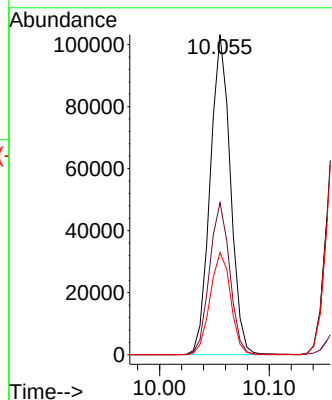
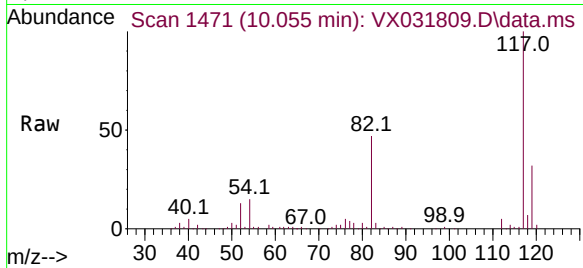




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

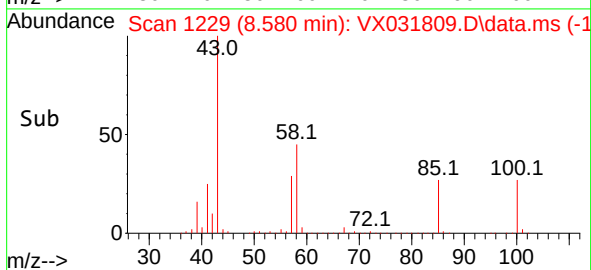
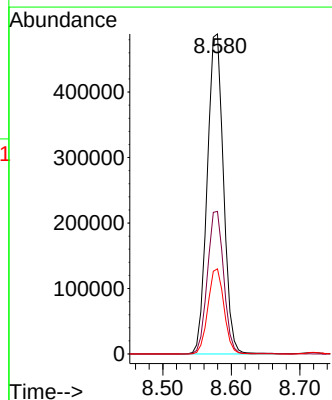
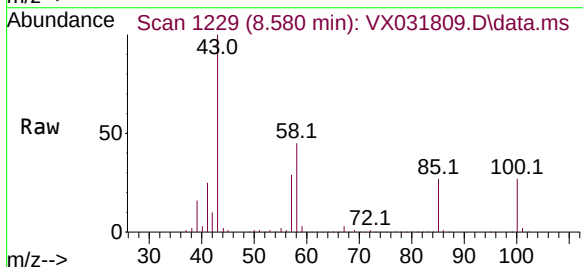
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

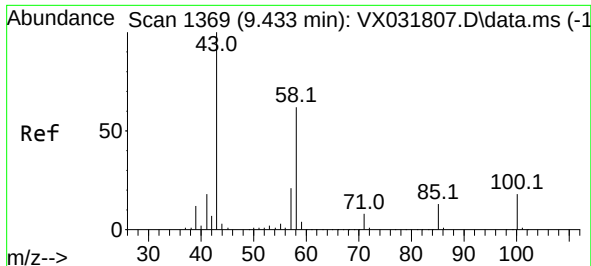
Tgt Ion:117 Resp: 132305
Ion Ratio Lower Upper
117 100
82 47.4 40.0 60.0
119 32.6 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 453.602 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 43 Resp: 806824
Ion Ratio Lower Upper
43 100
58 44.7 34.9 52.3
85 26.3 19.4 29.2





#59

2-Hexanone

Concen: 453.541 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

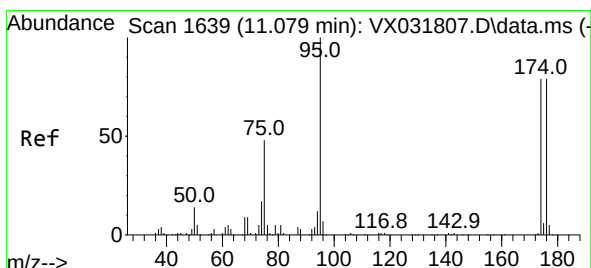
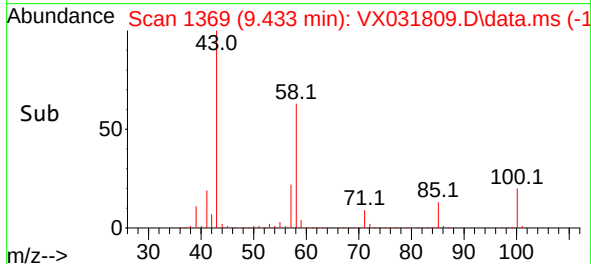
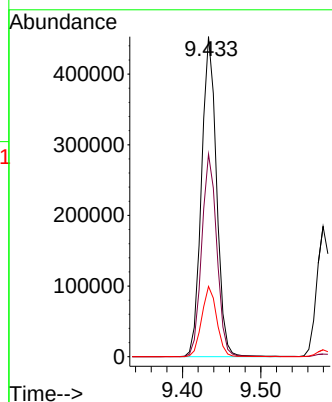
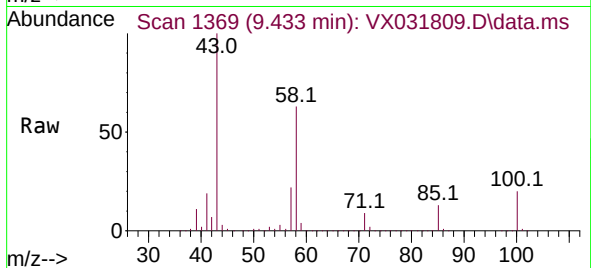
Tgt Ion: 43 Resp: 603355

Ion Ratio Lower Upper

43 100

58 63.4 49.0 73.6

57 21.9 17.0 25.4



#60

4-Bromofluorobenzene

Concen: 29.306 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

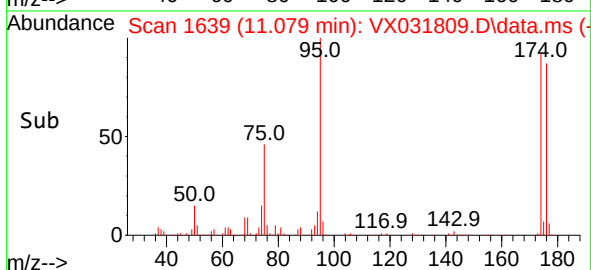
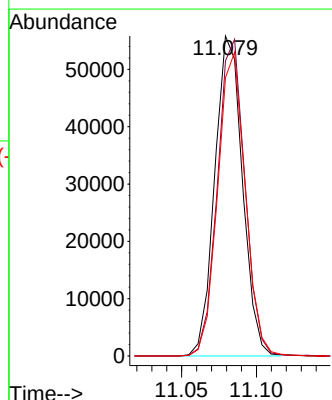
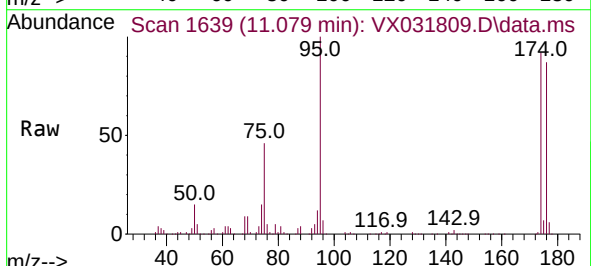
Tgt Ion: 95 Resp: 71777

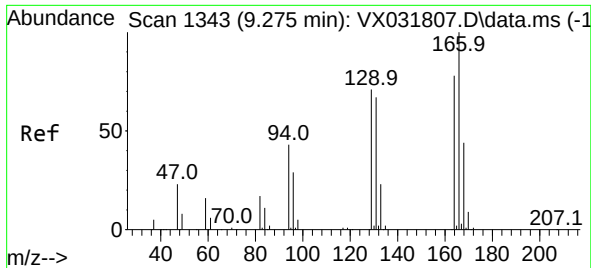
Ion Ratio Lower Upper

95 100

174 98.1 68.2 102.2

176 94.4 68.1 102.1



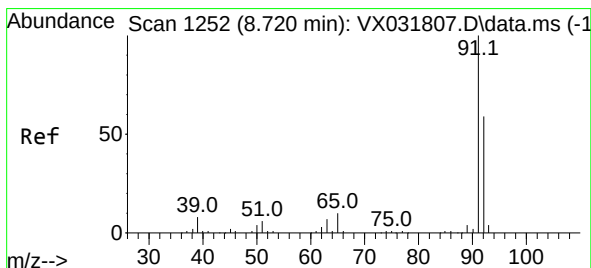
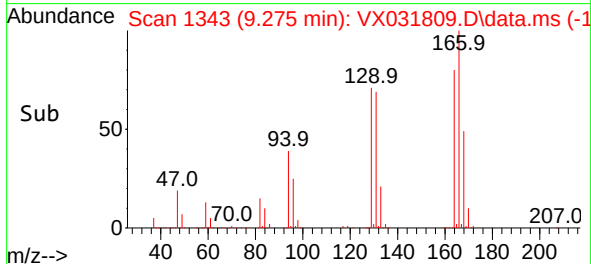
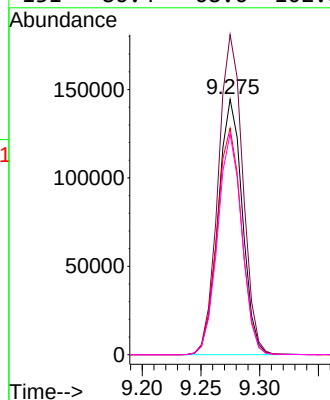
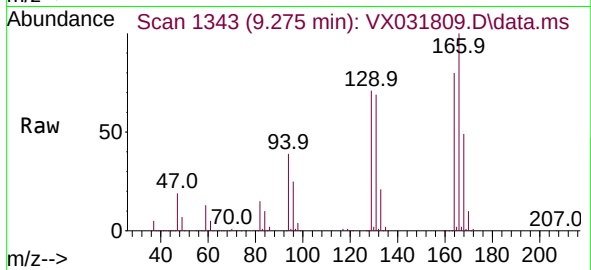


#61
Tetrachloroethene
Concen: 97.858 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:164 Resp: 207895

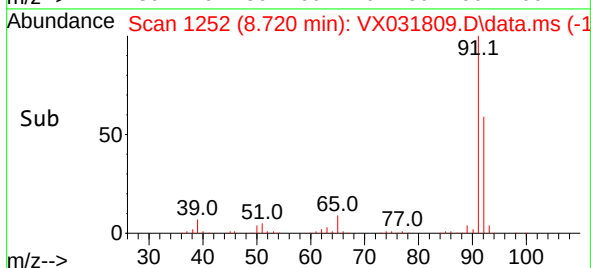
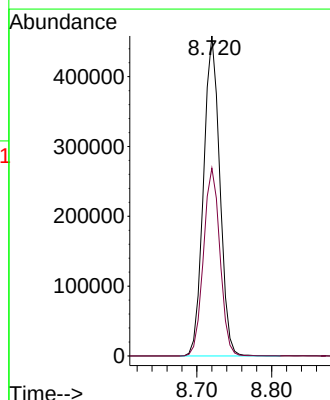
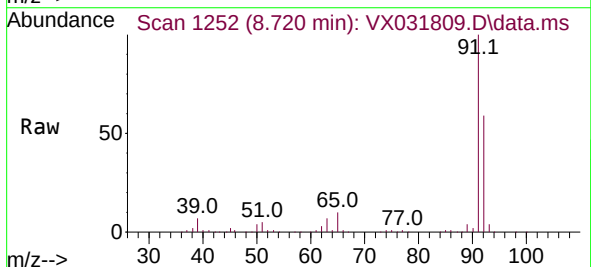
Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.8	154.2
129	88.7	73.0	109.4
131	86.4	68.6	102.8

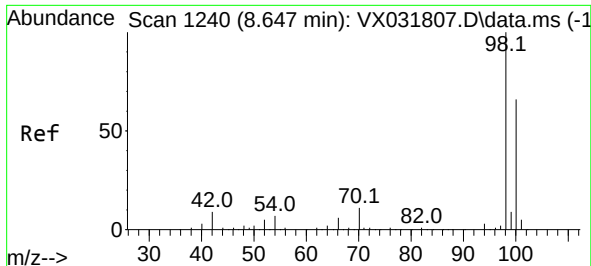


#62
Toluene
Concen: 91.338 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 91 Resp: 691887

Ion	Ratio	Lower	Upper
91	100		
92	59.3	47.3	70.9





#63

Toluene-d8

Concen: 29.415 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

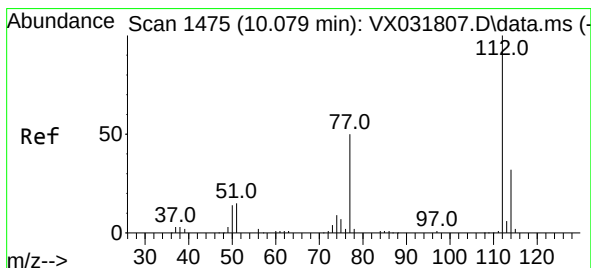
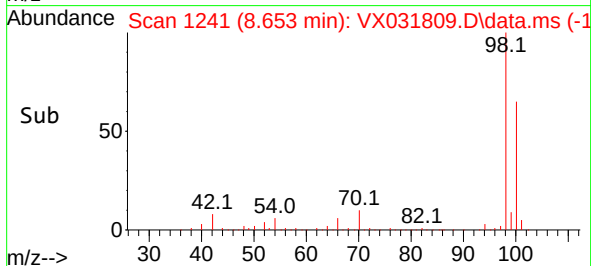
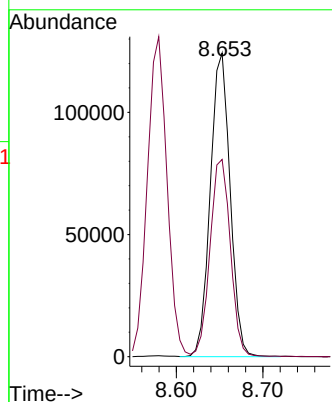
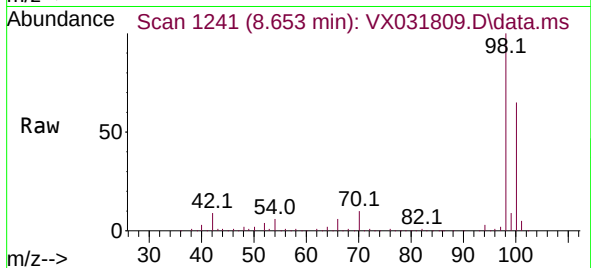
VSTDICC100

Tgt Ion: 98 Resp: 197706

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.8



#64

Chlorobenzene

Concen: 93.122 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX031809.D

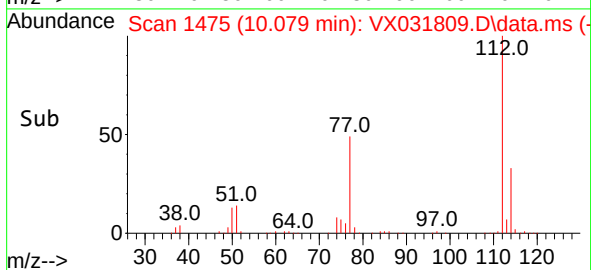
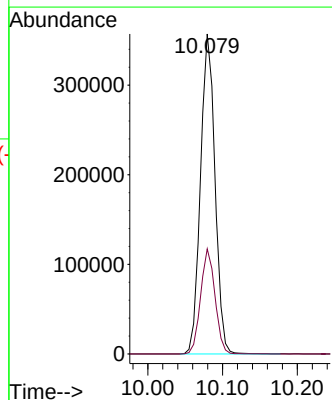
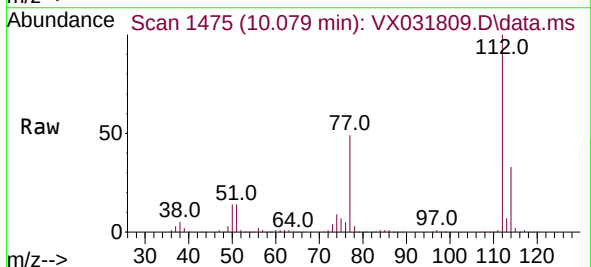
Acq: 30 Sep 2022 12:57

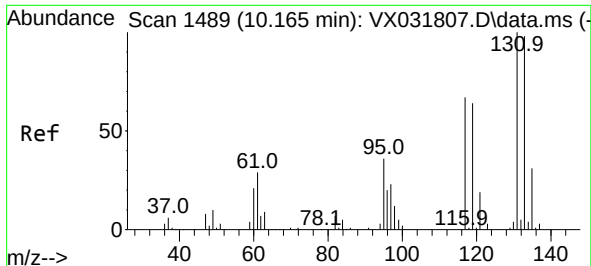
Tgt Ion: 112 Resp: 481315

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5

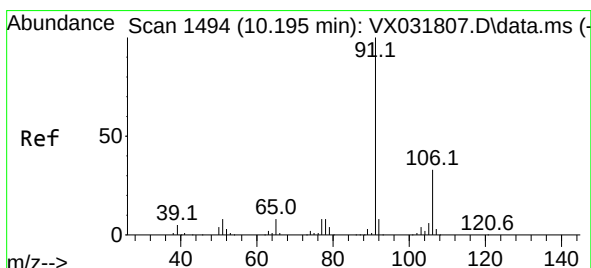
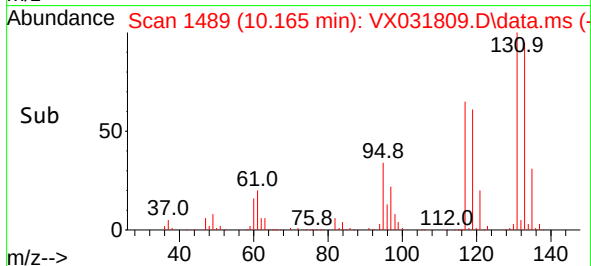
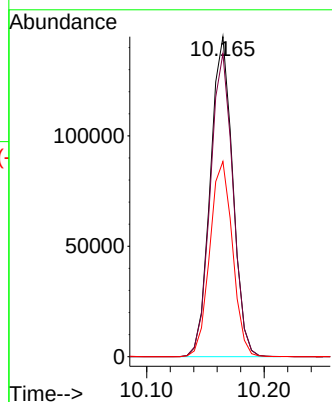
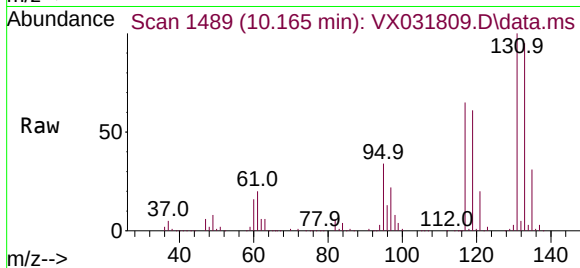




#65
 1,1,1,2-Tetrachloroethane
 Concen: 97.953 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX031809.D
 Acq: 30 Sep 2022 12:57

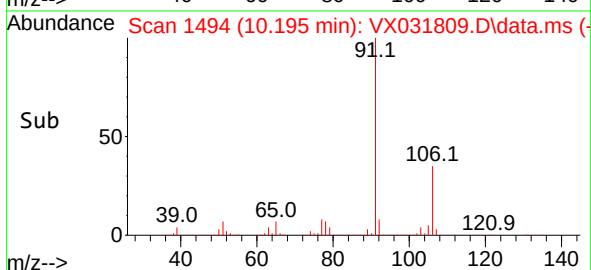
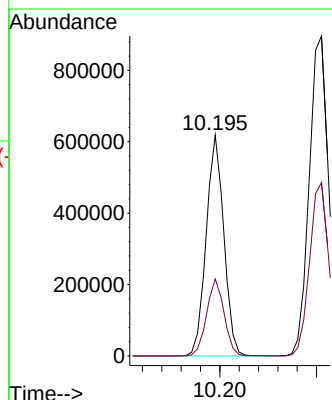
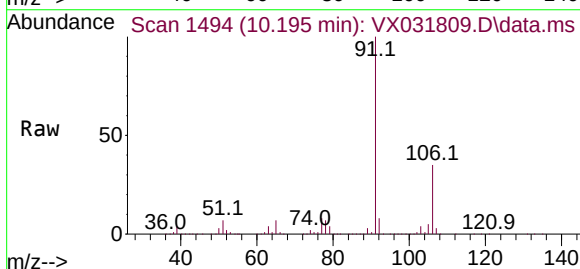
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

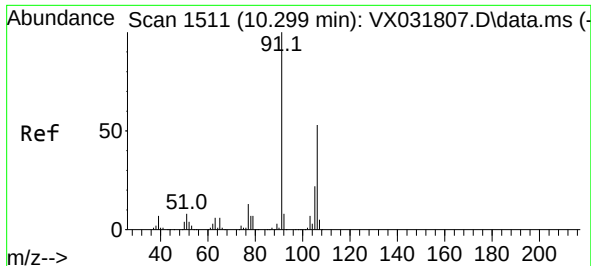
Tgt Ion:131 Resp: 191938
 Ion Ratio Lower Upper
 131 100
 133 95.7 0.0 189.4
 119 61.8 0.0 127.0



#66
 Ethyl Benzene
 Concen: 91.942 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX031809.D
 Acq: 30 Sep 2022 12:57

Tgt Ion: 91 Resp: 784926
 Ion Ratio Lower Upper
 91 100
 106 34.9 26.7 40.1

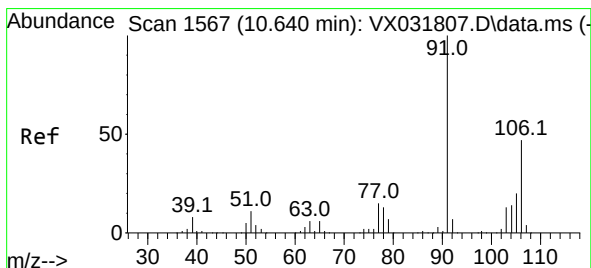
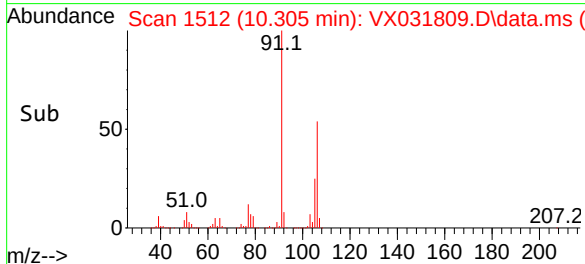
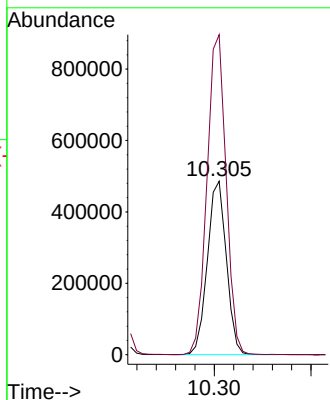
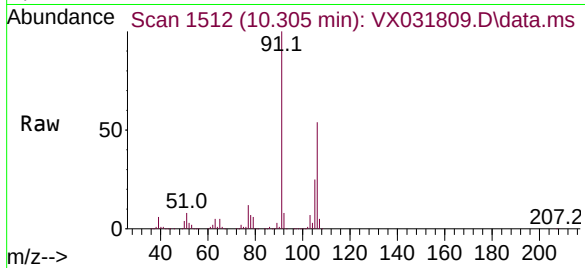




#67
m/p-Xylenes
Concen: 186.317 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

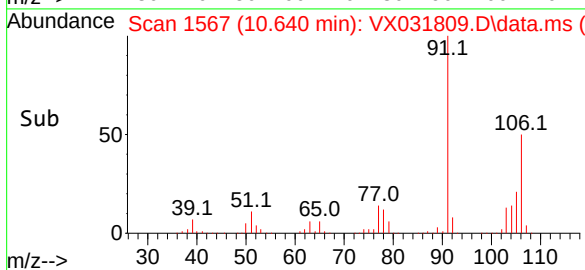
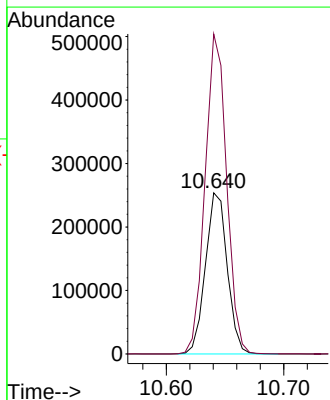
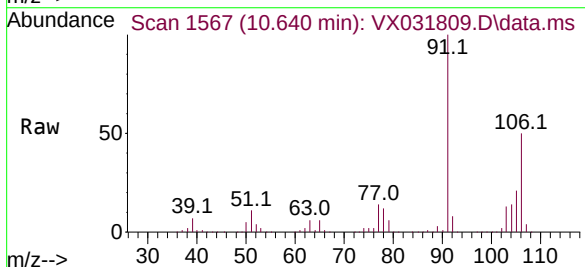
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

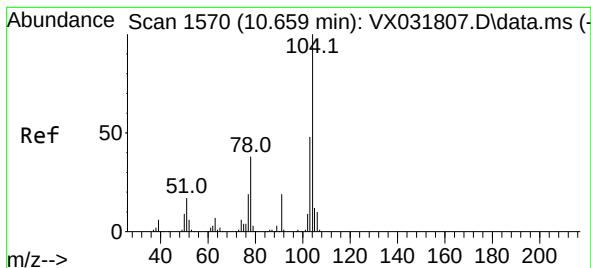
Tgt Ion:106 Resp: 662352
Ion Ratio Lower Upper
106 100
91 186.2 152.3 228.5



#68
o-Xylene
Concen: 93.716 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion:106 Resp: 327095
Ion Ratio Lower Upper
106 100
91 195.2 101.9 305.7





#69

Styrene

Concen: 95.634 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

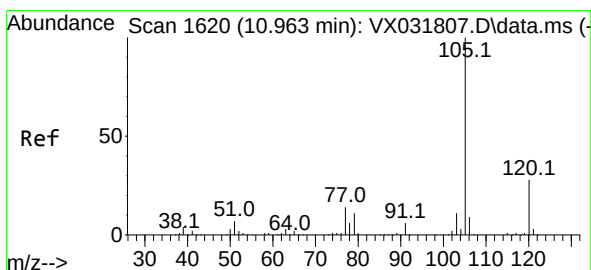
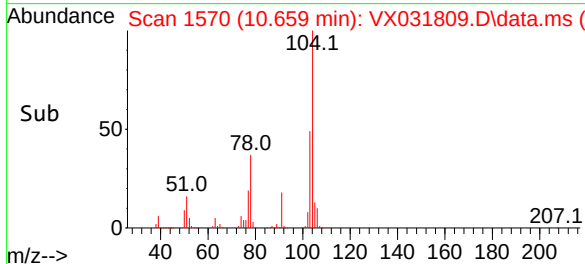
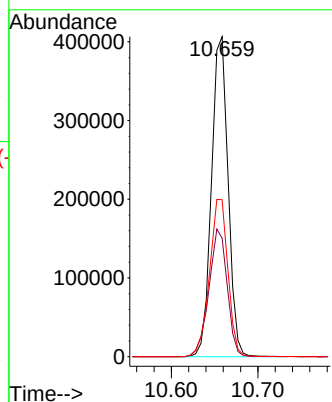
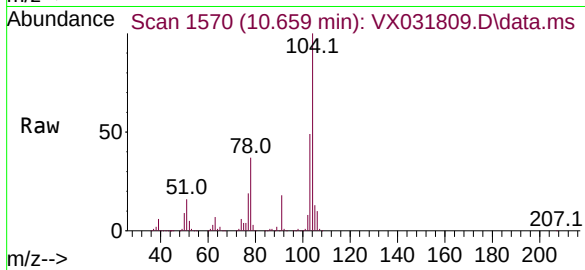
Tgt Ion:104 Resp: 542135

Ion Ratio Lower Upper

104 100

78 43.9 36.6 55.0

103 54.4 43.3 64.9



#70

Isopropylbenzene

Concen: 93.382 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031809.D

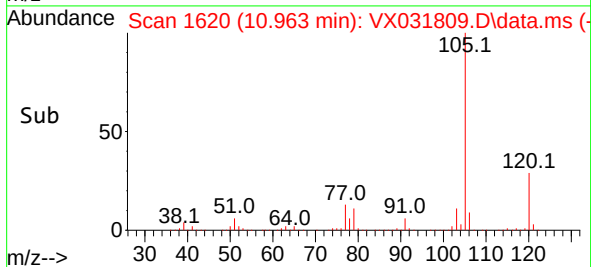
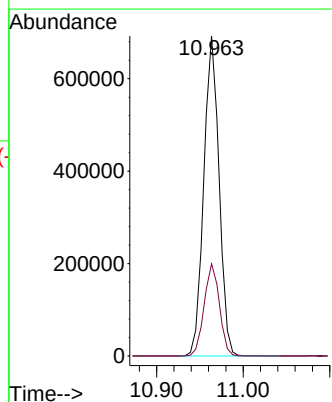
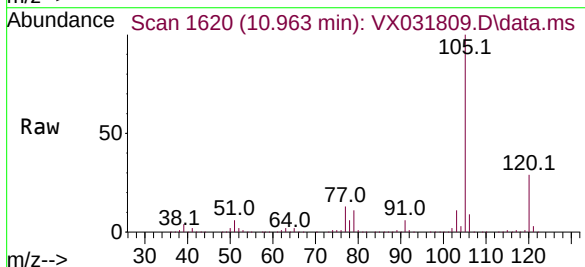
Acq: 30 Sep 2022 12:57

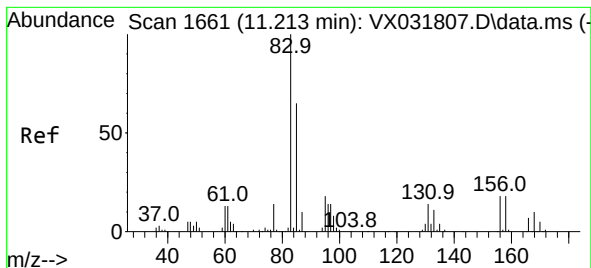
Tgt Ion:105 Resp: 847015

Ion Ratio Lower Upper

105 100

120 28.7 19.3 35.9

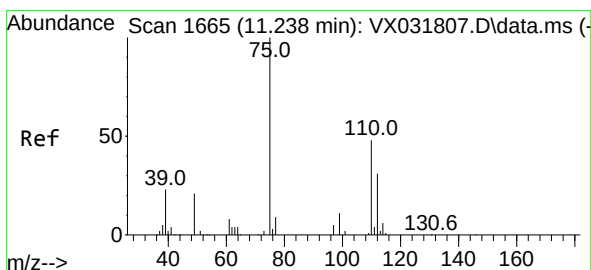
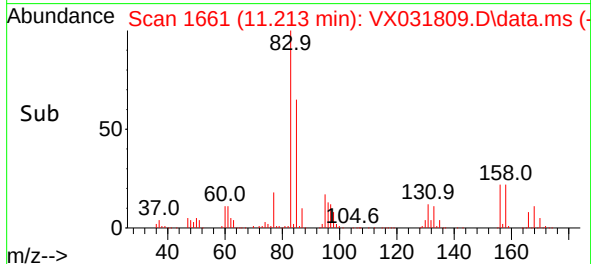
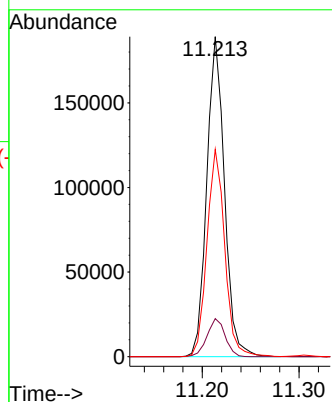
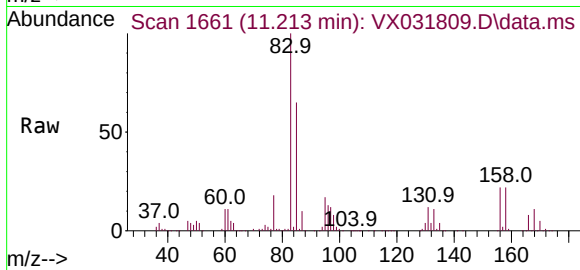




#71
1,1,2,2-Tetrachloroethane
Concen: 93.079 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

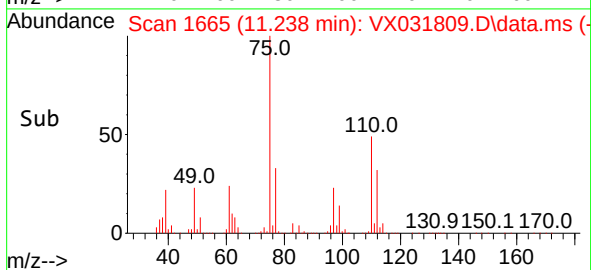
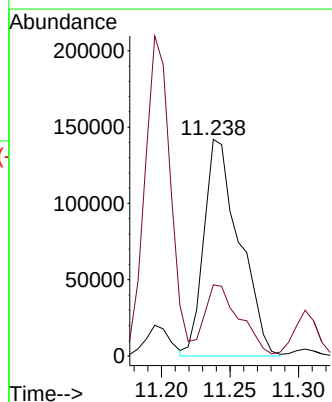
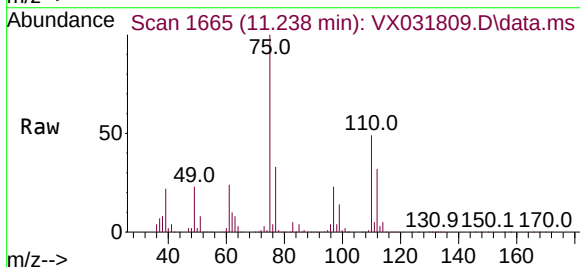
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

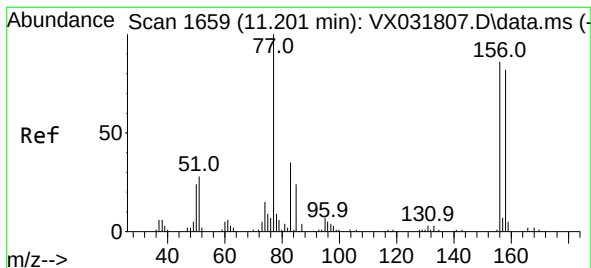
Tgt Ion: 83 Resp: 240642
Ion Ratio Lower Upper
83 100
131 12.2 6.0 18.1
85 65.3 32.8 98.3



#72
1,2,3-Trichloropropane
Concen: 115.202 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 75 Resp: 255936
Ion Ratio Lower Upper
75 100
77 32.9 0.0 76.6





#73

Bromobenzene

Concen: 97.340 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

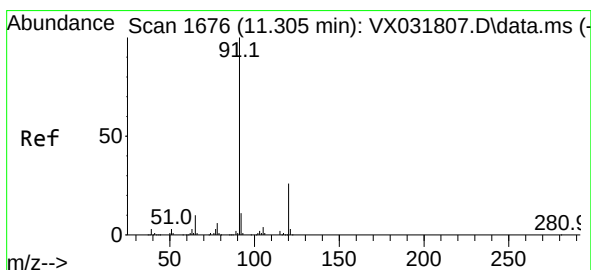
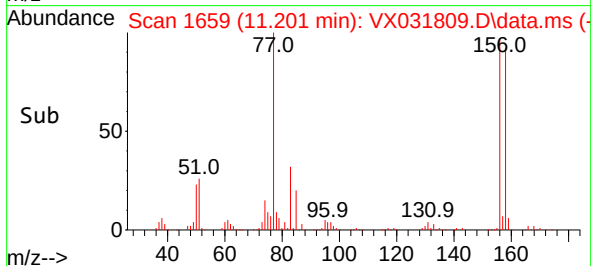
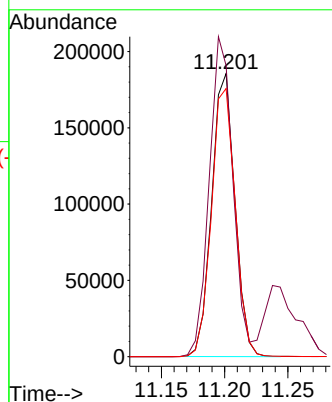
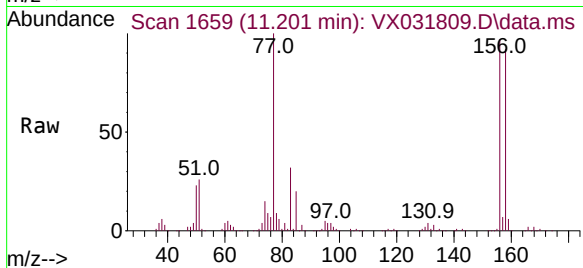
Tgt Ion:156 Resp: 236799

Ion Ratio Lower Upper

156 100

77 114.6 0.0 259.2

158 97.8 0.0 193.2



#74

n-propylbenzene

Concen: 93.461 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX031809.D

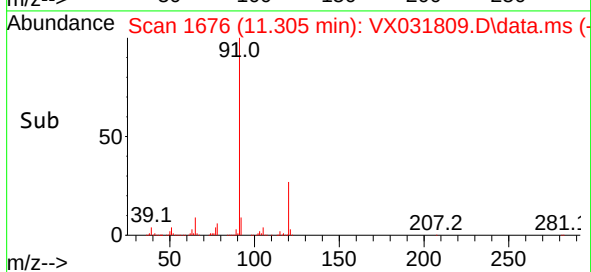
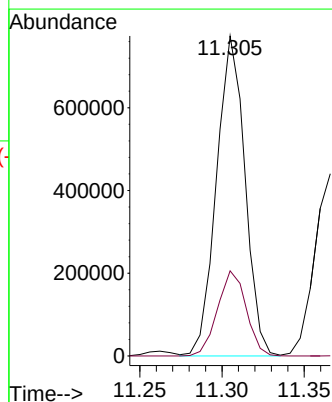
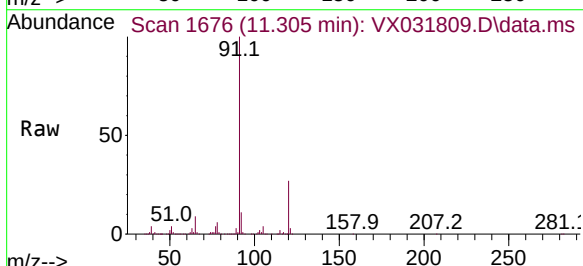
Acq: 30 Sep 2022 12:57

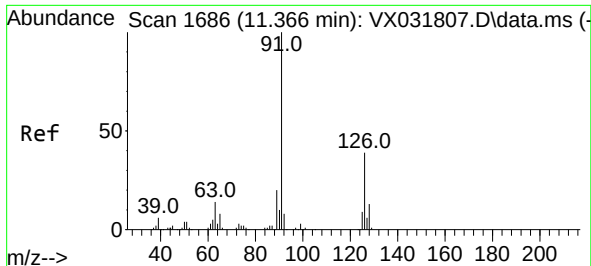
Tgt Ion: 91 Resp: 931921

Ion Ratio Lower Upper

91 100

120 26.7 0.0 51.0

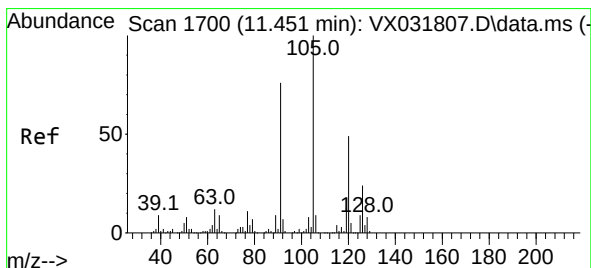
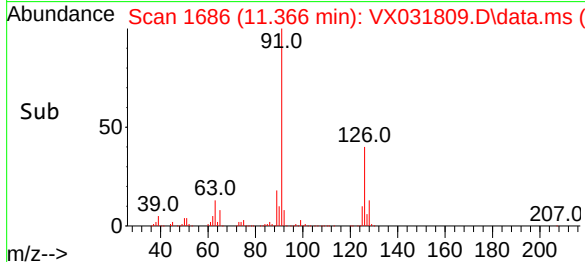
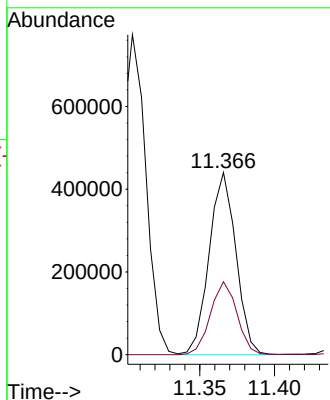
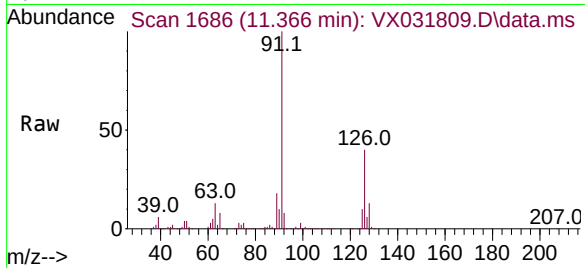




#75
2-Chlorotoluene
Concen: 91.618 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

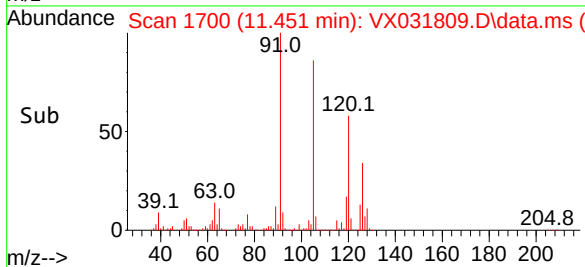
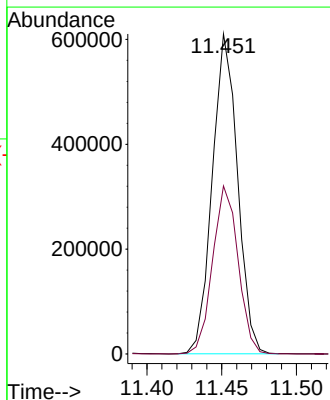
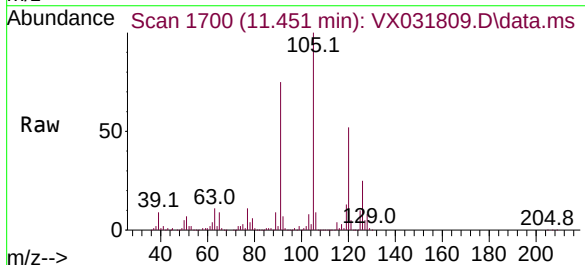
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

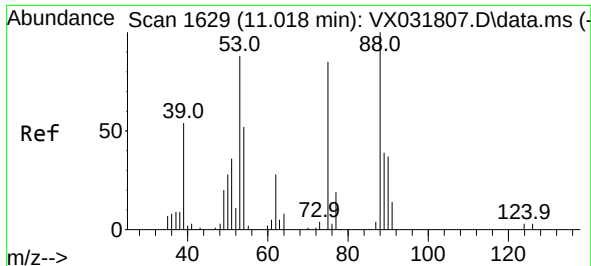
Tgt Ion: 91 Resp: 549239
Ion Ratio Lower Upper
91 100
126 39.6 0.0 76.4



#76
1,3,5-Trimethylbenzene
Concen: 93.521 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 105 Resp: 715052
Ion Ratio Lower Upper
105 100
120 53.0 0.0 100.6

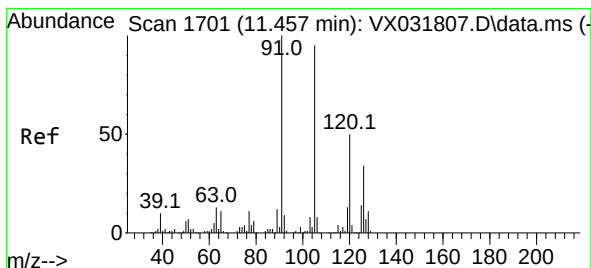
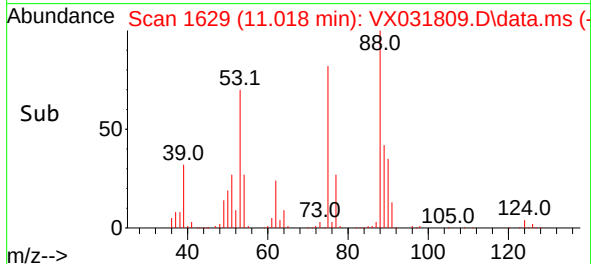
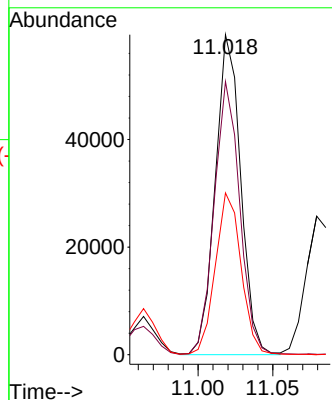
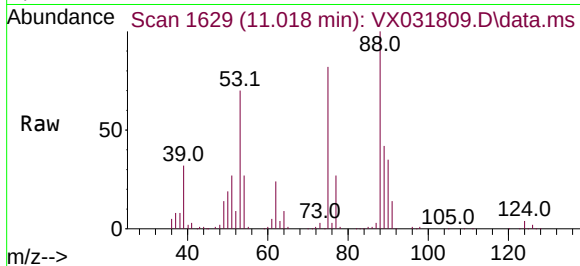




#77
t-1,4-Dichloro-2-butene
Concen: 108.509 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

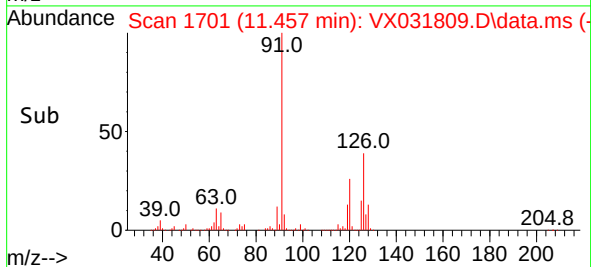
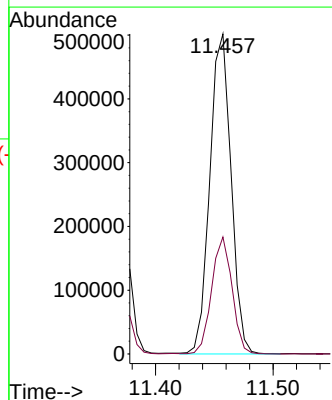
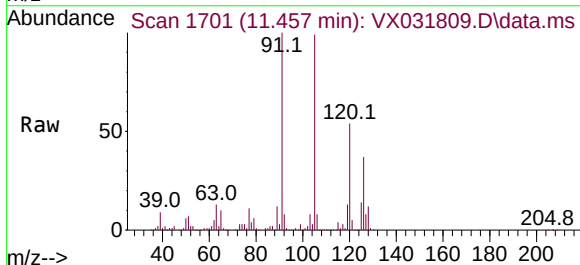
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

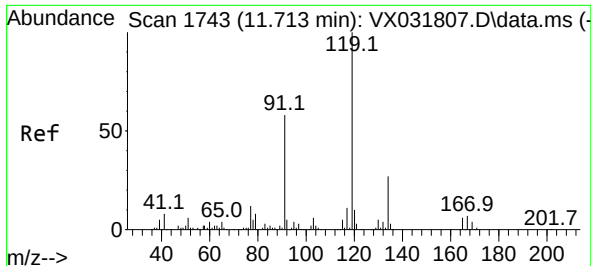
Tgt Ion: 75 Resp: 70451
Ion Ratio Lower Upper
75 100
53 85.5 51.8 155.4
89 50.5 22.9 68.8



#78
4-Chlorotoluene
Concen: 92.333 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 91 Resp: 631022
Ion Ratio Lower Upper
91 100
126 35.0 0.0 67.0





#79

tert-butylbenzene

Concen: 94.828 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

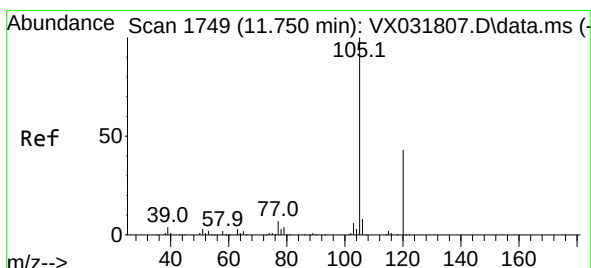
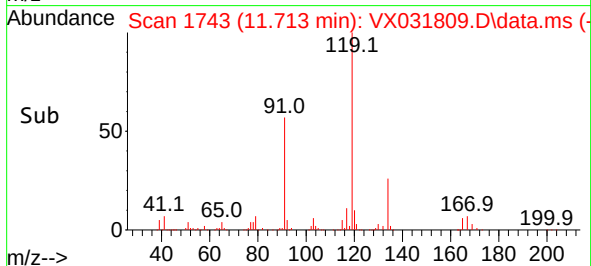
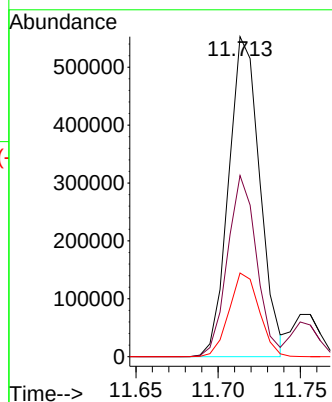
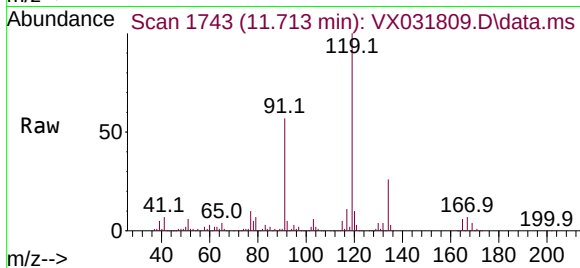
Tgt Ion:119 Resp: 728810

Ion Ratio Lower Upper

119 100

91 52.9 0.0 112.0

134 25.4 0.0 51.0



#80

1,2,4-Trimethylbenzene

Concen: 94.016 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX031809.D

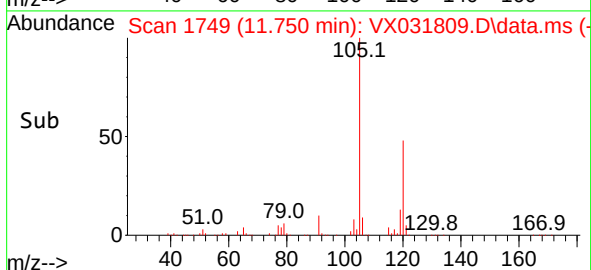
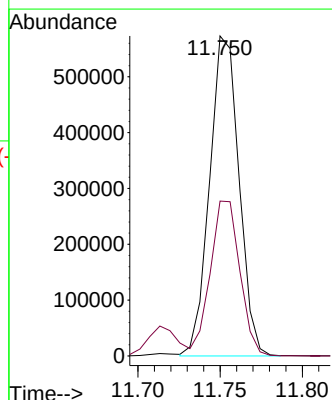
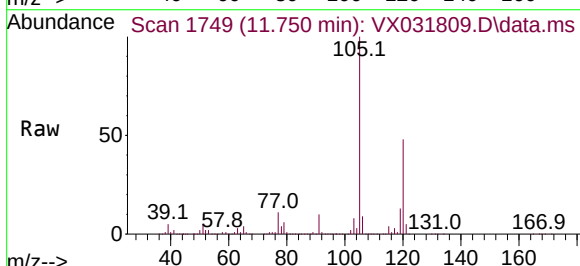
Acq: 30 Sep 2022 12:57

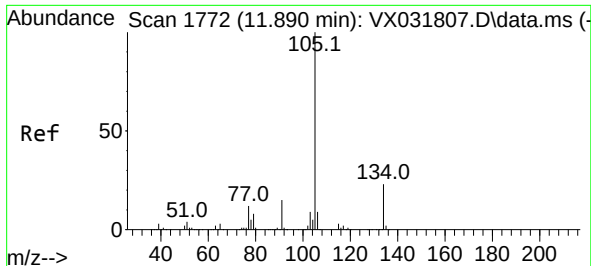
Tgt Ion:105 Resp: 712819

Ion Ratio Lower Upper

105 100

120 48.7 0.0 95.0

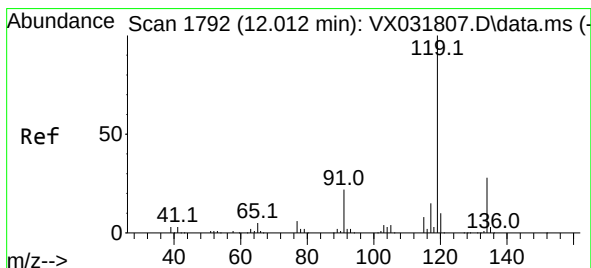
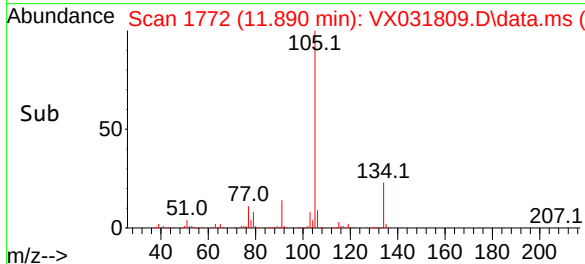
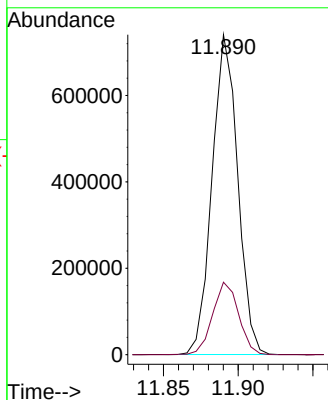
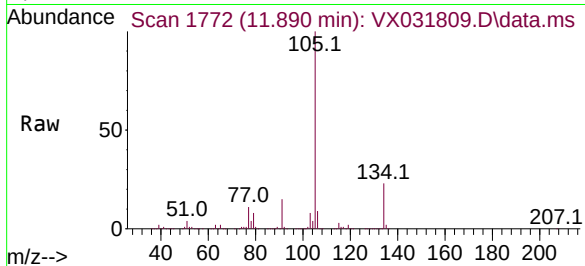




#81
 sec-Butylbenzene
 Concen: 93.734 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031809.D
 Acq: 30 Sep 2022 12:57

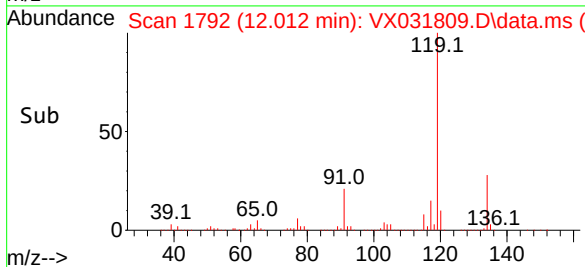
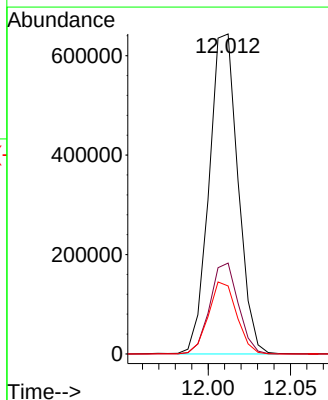
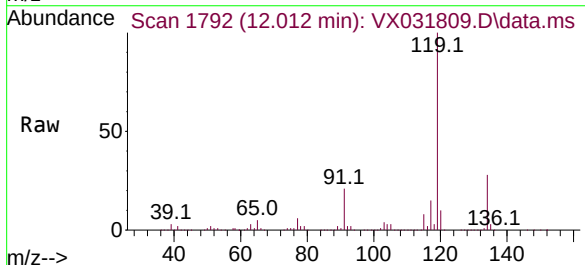
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

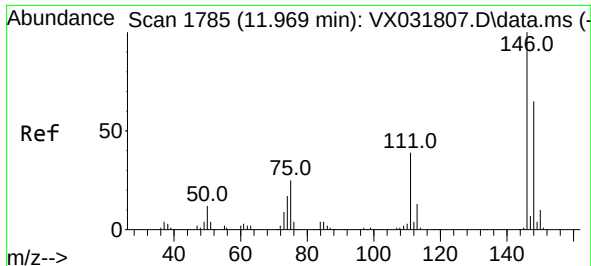
Tgt Ion:105 Resp: 882240
 Ion Ratio Lower Upper
 105 100
 134 23.0 0.0 44.4



#82
 p-Isopropyltoluene
 Concen: 95.271 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031809.D
 Acq: 30 Sep 2022 12:57

Tgt Ion:119 Resp: 788088
 Ion Ratio Lower Upper
 119 100
 134 27.9 0.0 55.4
 91 22.0 0.0 45.6

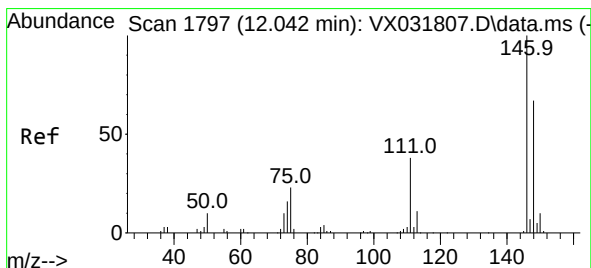
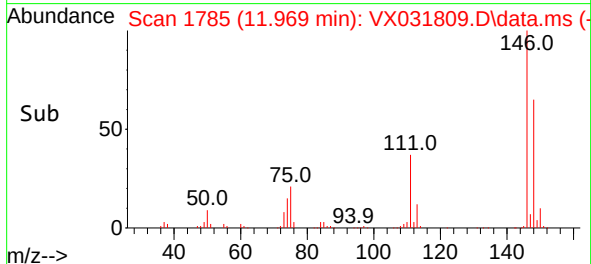
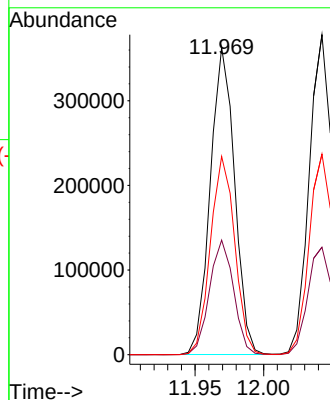
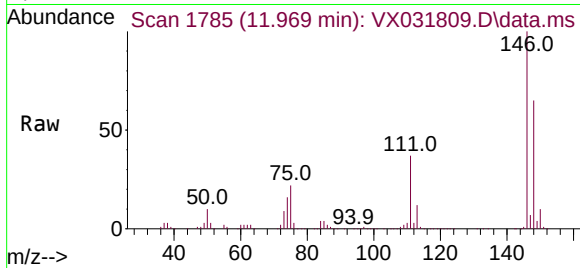




#83
1,3-Dichlorobenzene
Concen: 97.146 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

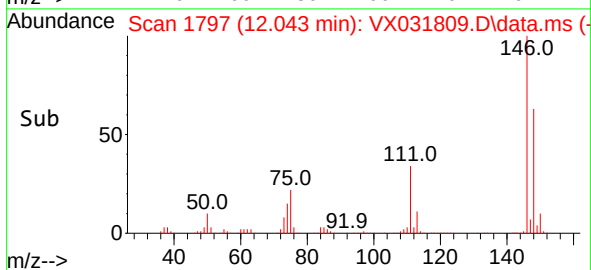
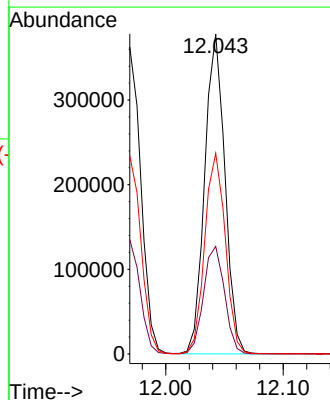
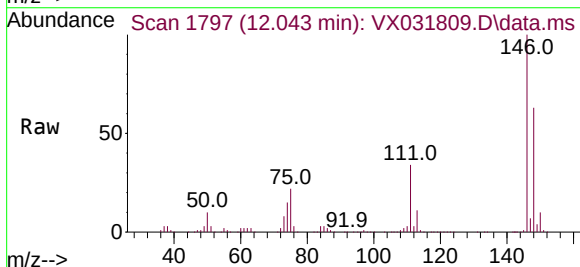
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

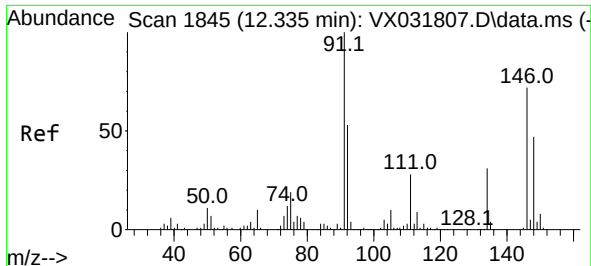
Tgt Ion:146 Resp: 447162
Ion Ratio Lower Upper
146 100
111 37.1 19.4 58.1
148 64.6 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 95.781 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion:146 Resp: 452128
Ion Ratio Lower Upper
146 100
111 35.0 18.9 56.5
148 64.0 31.6 95.0

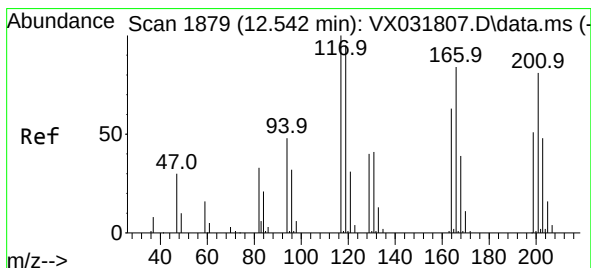
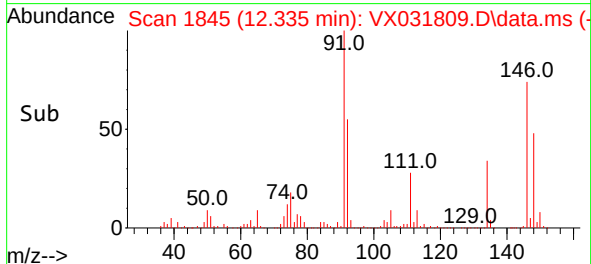
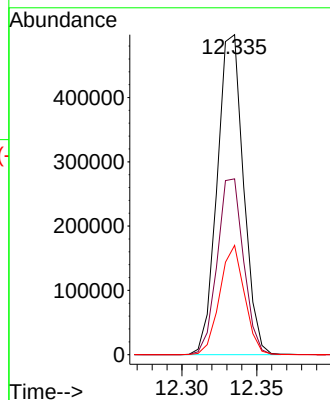
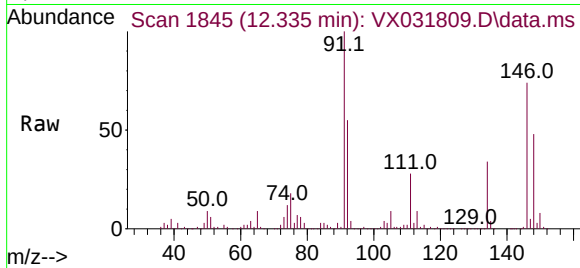




#85
n-Butylbenzene
Concen: 95.520 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

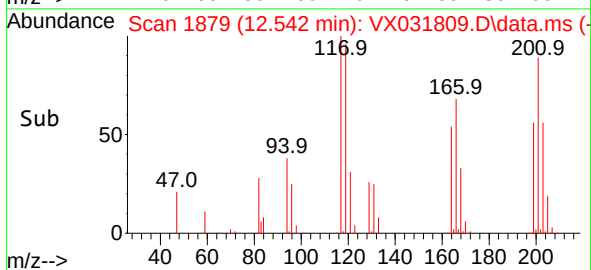
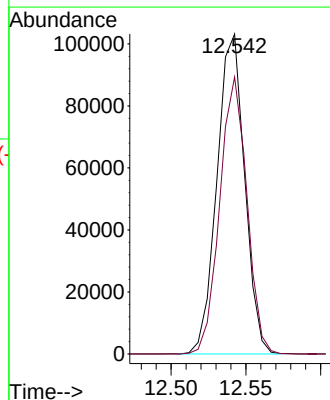
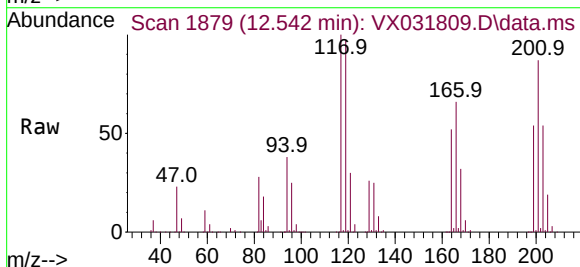
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

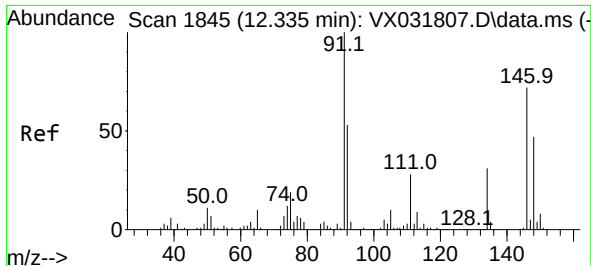
Tgt Ion: 91 Resp: 609325
Ion Ratio Lower Upper
91 100
92 55.0 0.0 108.4
134 32.3 0.0 60.6



#86
Hexachloroethane
Concen: 102.292 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 117 Resp: 132846
Ion Ratio Lower Upper
117 100
201 84.7 37.7 113.1

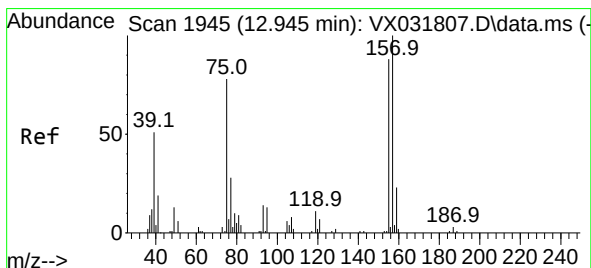
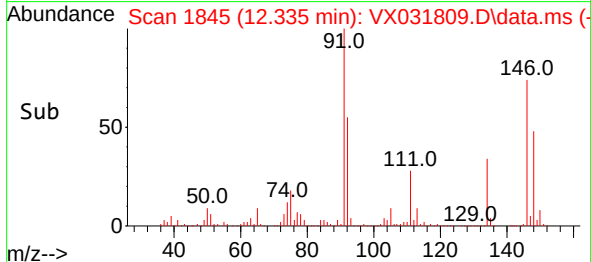
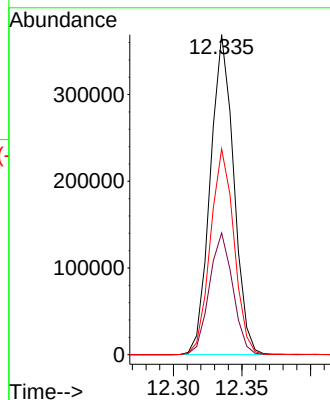
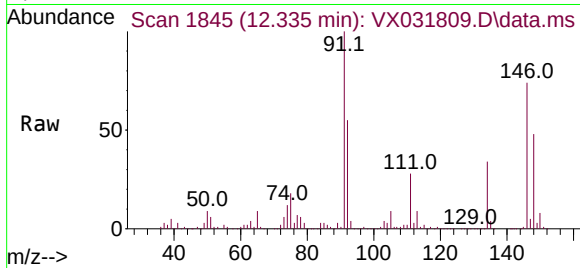




#87
1,2-Dichlorobenzene
Concen: 95.617 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

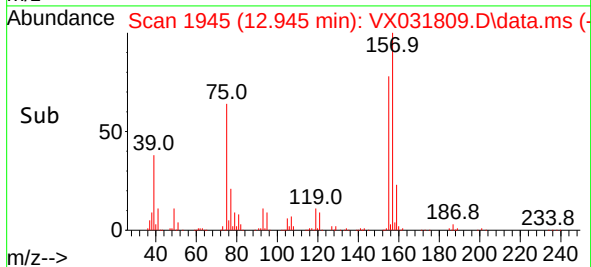
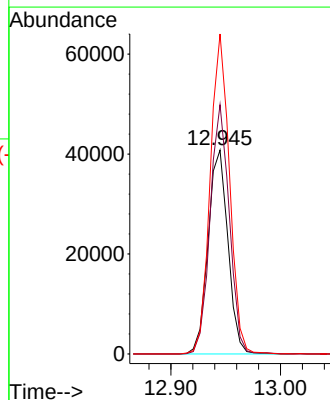
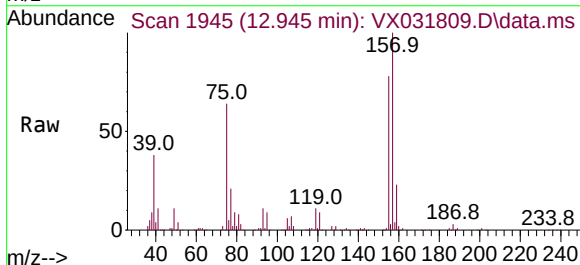
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

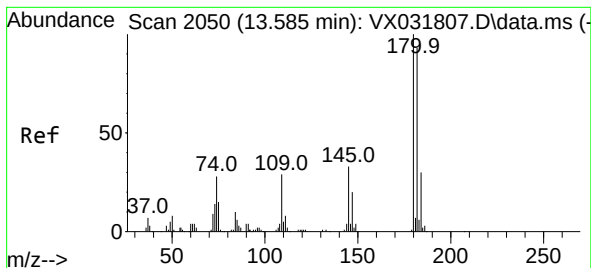
Tgt Ion:146 Resp: 439133
Ion Ratio Lower Upper
146 100
111 38.1 20.0 60.0
148 64.8 33.0 99.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 99.092 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031809.D
Acq: 30 Sep 2022 12:57

Tgt Ion: 75 Resp: 51405
Ion Ratio Lower Upper
75 100
155 117.2 85.0 127.6
157 152.1 101.0 151.6#





#89

1,2,4-Trichlorobenzene

Concen: 101.035 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

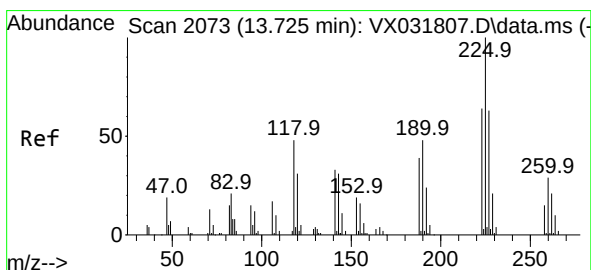
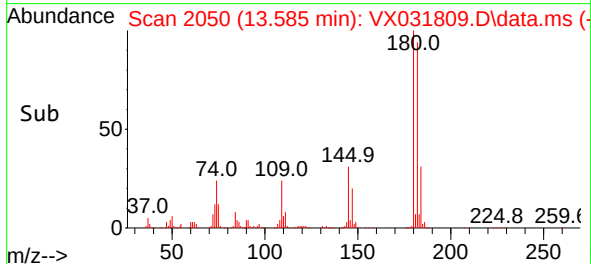
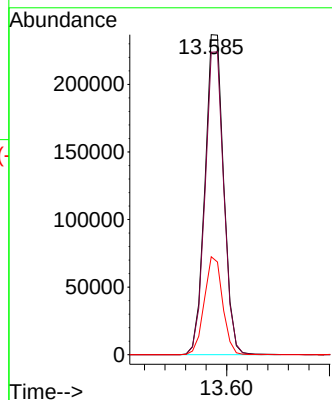
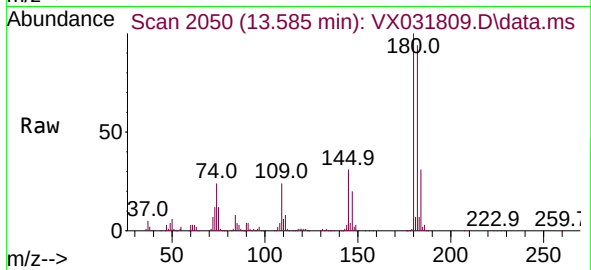
Tgt Ion:180 Resp: 300234

Ion Ratio Lower Upper

180 100

182 95.1 75.3 112.9

145 29.9 25.9 38.9



#90

Hexachlorobutadiene

Concen: 100.080 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

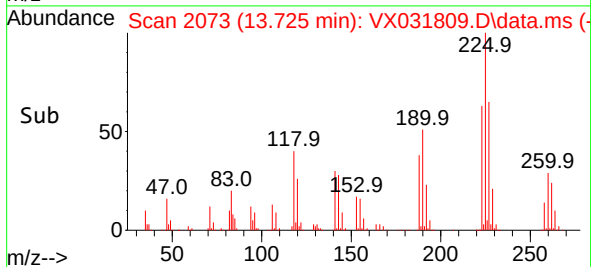
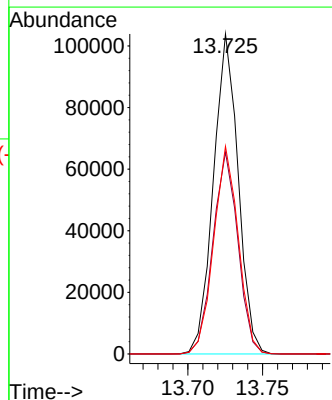
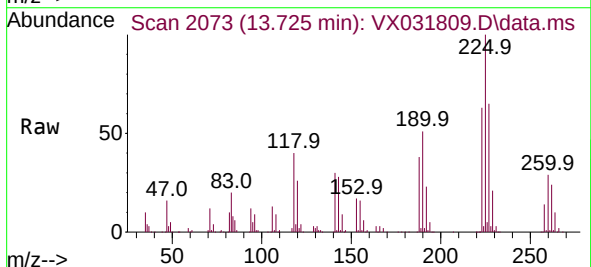
Tgt Ion:225 Resp: 119476

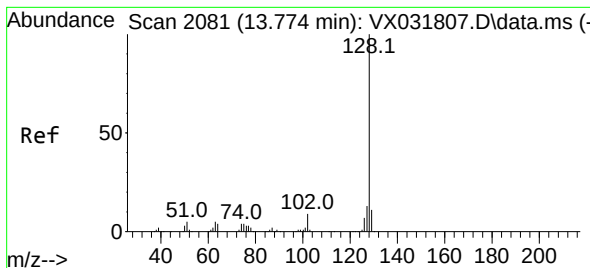
Ion Ratio Lower Upper

225 100

223 63.5 0.0 126.0

227 64.5 0.0 127.6





#91

Naphthalene

Concen: 98.621 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

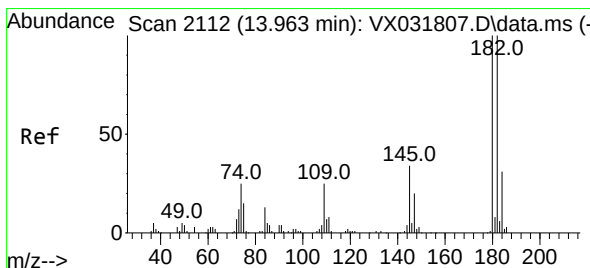
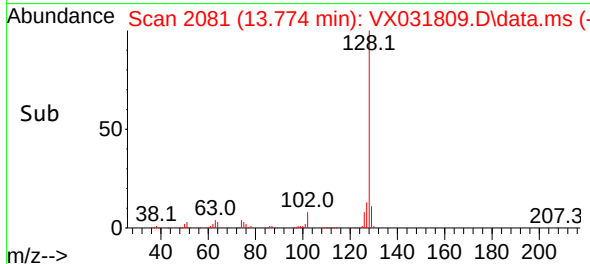
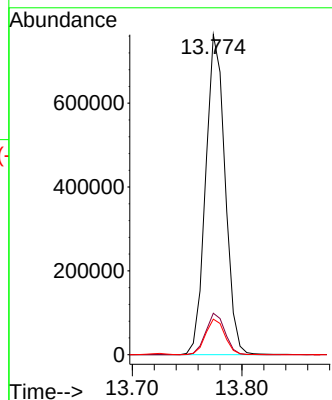
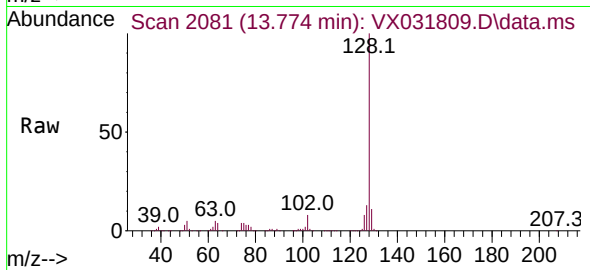
Tgt Ion:128 Resp: 937635

Ion Ratio Lower Upper

128 100

127 12.9 9.9 14.9

129 11.0 8.4 12.6



#92

1,2,3-Trichlorobenzene

Concen: 102.043 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031809.D

Acq: 30 Sep 2022 12:57

Tgt Ion:180 Resp: 300334

Ion Ratio Lower Upper

180 100

182 94.6 0.0 199.0

145 31.8 0.0 68.2

