

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031806.D
 Acq On : 30 Sep 2022 11:25
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 03 00:34:52 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	4.897	128	20808	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	116697	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	106680	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	51029	32.583	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.600%	
60) 4-Bromofluorobenzene	11.079	95	58374	29.559	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.533%	
63) Toluene-d8	8.647	98	167189	30.849	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	5018	5.783	ug/l	100
3) Chloromethane	1.288	50	5437	5.980	ug/l	92
4) Vinyl Chloride	1.368	62	7062	5.791	ug/l	98
5) Bromomethane	1.611	94	7118	6.379	ug/l	92
6) Chloroethane	1.685	64	5977	5.558	ug/l	99
7) Trichlorofluoromethane	1.886	101	14836	5.693	ug/l	94
8) Diethyl Ether	2.130	74	4954	5.610	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	6825	5.518	ug/l	97
10) 1,1-Dichloroethene	2.319	96	6384	5.588	ug/l	95
11) Methyl Iodide	2.447	142	5460	4.366	ug/l	98
12) Methyl Acetate	2.703	43	7680	5.884	ug/l	97
13) Acrolein	2.239	56	4584	39.650	ug/l	99
14) Acrylonitrile	3.062	53	15183	27.406	ug/l	97
15) Acetone	2.386	58	4399	29.312	ug/l	93
16) Carbon Disulfide	2.508	76	14030	5.598	ug/l	97
17) Allyl chloride	2.660	41	7424	5.369	ug/l	97
18) Methylene Chloride	2.782	84	7484	5.724	ug/l	93
19) trans-1,2-Dichloroethene	3.087	96	6982	5.278	ug/l #	81
20) Diisopropyl ether	3.764	45	17215	5.417	ug/l	89
21) 1,1-Dichloroethane	3.605	63	11490	5.542	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	8657	5.417	ug/l	95
23) tert-Butyl Alcohol	2.989	59	5624	27.255	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	21068	5.366	ug/l	100
25) Chloroform	5.093	83	13767	5.408	ug/l	97
26) Cyclohexane	5.464	56	9066	5.301	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	9596	5.305	ug/l #	75
30) 2-Butanone	4.562	43	19864	26.977	ug/l #	97
31) 2,2-Dichloropropane	4.477	77	8665	4.784	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	12050	5.032	ug/l #	85
33) Carbon Tetrachloride	5.672	117	10483	4.775	ug/l	96
34) Benzene	6.037	78	27813	5.196	ug/l	98
35) Methacrylonitrile	4.928	41	3867	5.026	ug/l	90
36) 1,2-Dichloroethane	6.086	62	10149	5.381	ug/l #	92
37) Trichloroethene	7.123	130	9054	5.184	ug/l	94
38) Methylcyclohexane	7.385	83	11584	5.231	ug/l	97
39) 1,2-Dichloropropane	7.434	63	6443	5.266	ug/l	90
40) Dibromomethane	7.580	93	5485	5.125	ug/l	99
41) Bromodichloromethane	7.818	83	9351	4.818	ug/l	98
42) Vinyl Acetate	3.721	43	65310	24.596	ug/l	99

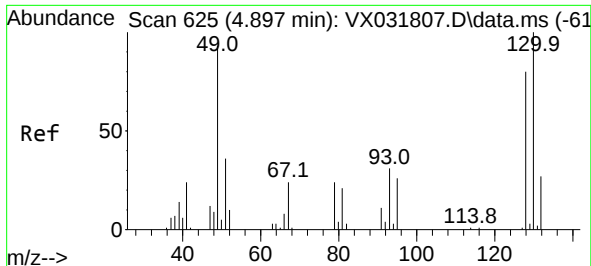
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031806.D
 Acq On : 30 Sep 2022 11:25
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 03 00:34:52 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)
43) Ethyl Acetate	4.708	43	7912	5.348	ug/l	99
44) Isopropyl Acetate	6.342	43	11206	4.765	ug/l	95
45) 1,4-Dioxane	7.702	88	3456	102.705	ug/l	96
46) Methyl methacrylate	7.690	41	5150	4.692	ug/l	95
47) n-amyl Acetate	10.848	43	8352	4.136	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	7973	4.167	ug/l	89
49) cis-1,3-Dichloropropene	8.366	75	9469	4.511	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	7682	4.956	ug/l	94
51) Ethyl methacrylate	9.116	69	9303	4.630	ug/l	96
52) 1,3-Dichloropropane	9.311	76	12014	5.058	ug/l	100
53) Dibromochloromethane	9.519	129	7119	4.124	ug/l	99
54) 1,2-Dibromoethane	9.610	107	8455	4.924	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	24849	25.221	ug/l	99
56) Bromoform	10.799	173	4463	3.528	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	37473	26.128	ug/l	99
59) 2-Hexanone	9.433	43	28313	26.395	ug/l	98
61) Tetrachloroethene	9.275	164	8639	5.043	ug/l	99
62) Toluene	8.720	91	33092	5.418	ug/l	98
64) Chlorobenzene	10.079	112	22061	5.294	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.165	131	7495	4.744	ug/l	97
66) Ethyl Benzene	10.195	91	36025	5.233	ug/l	98
67) m/p-Xylenes	10.299	106	28827	10.057	ug/l	99
68) o-Xylene	10.640	106	14074	5.001	ug/l	98
69) Styrene	10.659	104	21421	4.686	ug/l	98
70) Isopropylbenzene	10.963	105	36237	4.955	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	10751	5.157	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	9178m	5.124	ug/l	
73) Bromobenzene	11.195	156	9137	4.658	ug/l	96
74) n-propylbenzene	11.305	91	39878	4.960	ug/l	98
75) 2-Chlorotoluene	11.366	91	25235	5.221	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	30140	4.889	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	1967	3.757	ug/l	70
78) 4-Chlorotoluene	11.457	91	28048	5.090	ug/l	100
79) tert-butylbenzene	11.713	119	29084	4.693	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	29150	4.768	ug/l	97
81) sec-Butylbenzene	11.890	105	37861	4.989	ug/l	98
82) p-Isopropyltoluene	12.012	119	31612	4.739	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	17356	4.676	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	18084	4.751	ug/l	99
85) n-Butylbenzene	12.335	91	24672	4.797	ug/l	98
86) Hexachloroethane	12.536	117	4296	4.103	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	18069	4.879	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1815	4.339	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	11164	4.659	ug/l	96
90) Hexachlorobutadiene	13.725	225	4899	5.089	ug/l	93
91) Naphthalene	13.780	128	35596	4.643	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	10847	4.571	ug/l	96

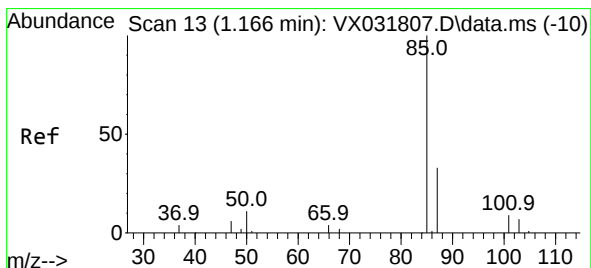
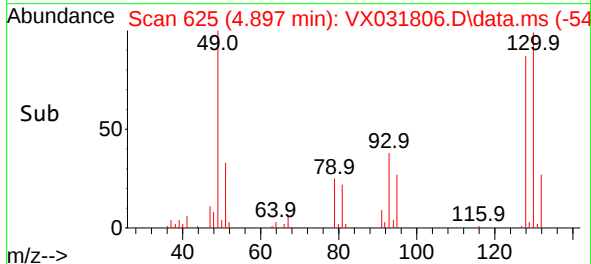
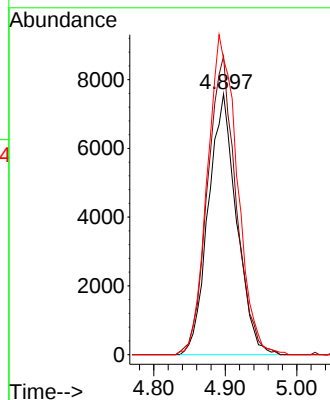
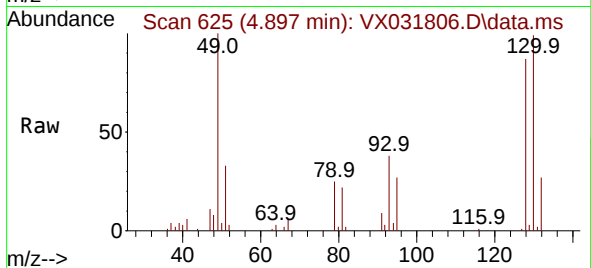
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

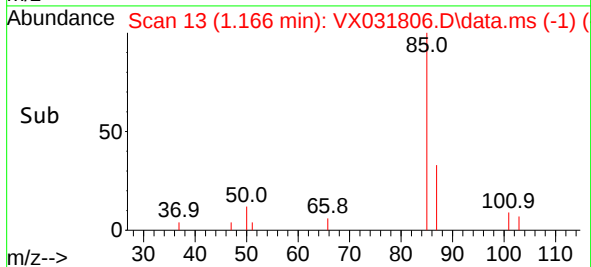
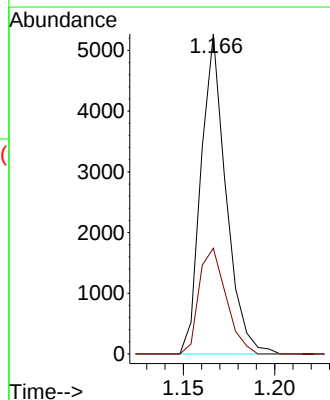
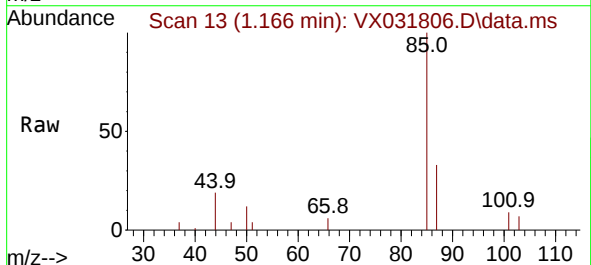
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

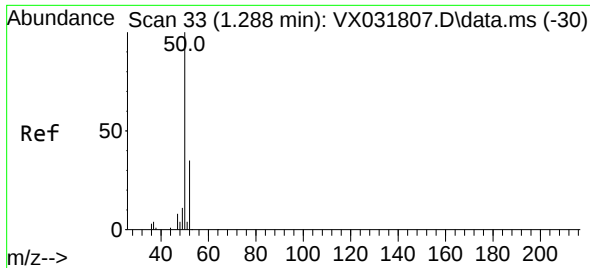
Tgt Ion:128 Resp: 20808
Ion Ratio Lower Upper
128 100
49 115.7 0.0 293.0
130 130.5 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 5.783 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 85 Resp: 5018
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5

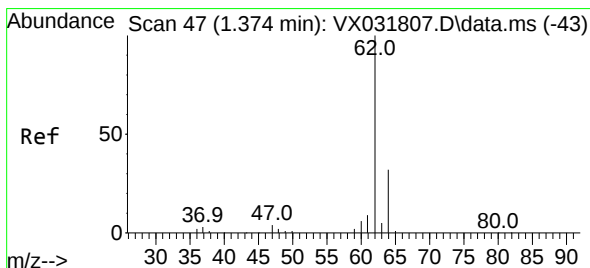
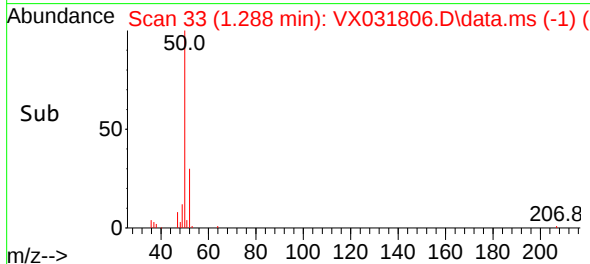
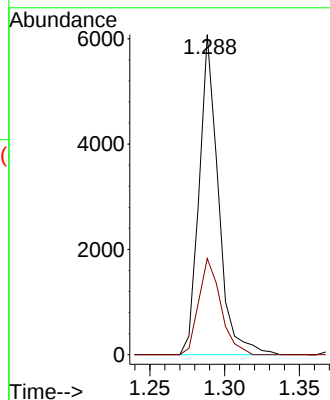
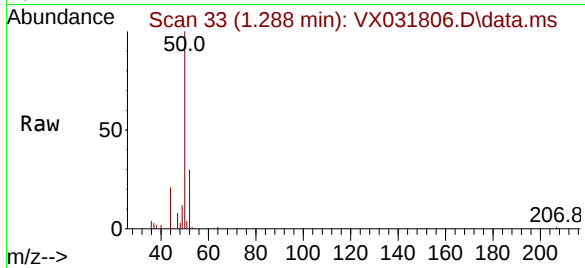




#3
Chloromethane
Concen: 5.980 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

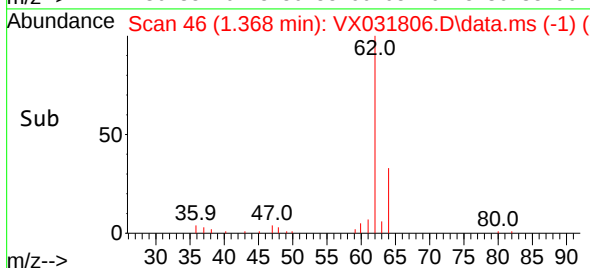
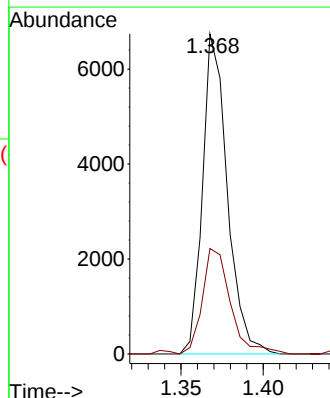
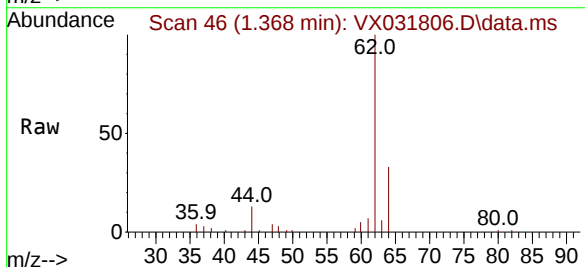
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

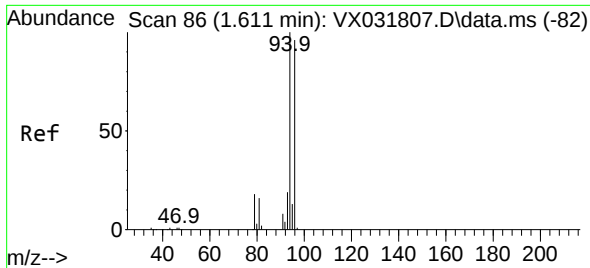
Tgt Ion: 50 Resp: 5437
Ion Ratio Lower Upper
50 100
52 30.1 27.6 41.4



#4
Vinyl Chloride
Concen: 5.791 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 62 Resp: 7062
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

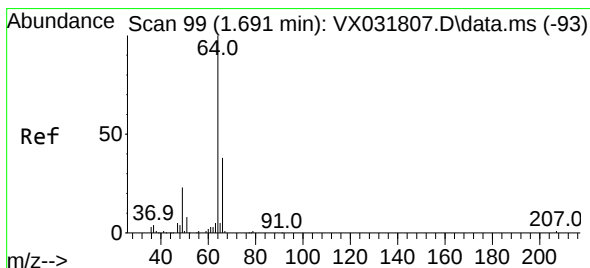
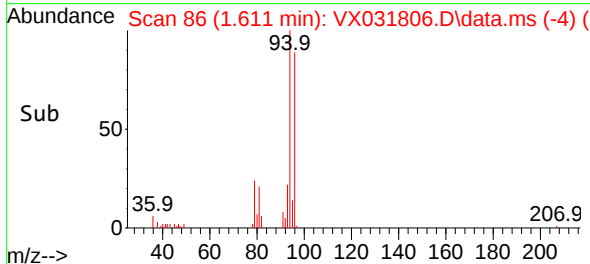
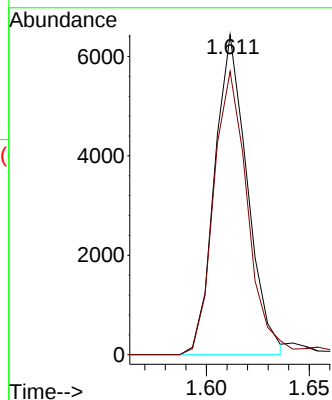
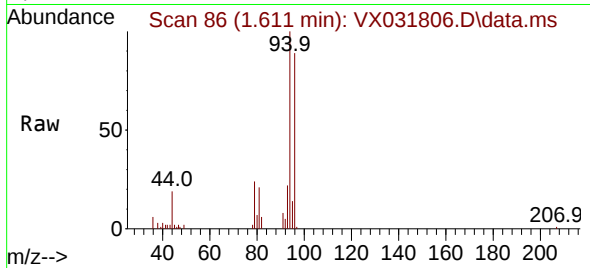




#5
Bromomethane
Concen: 6.379 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

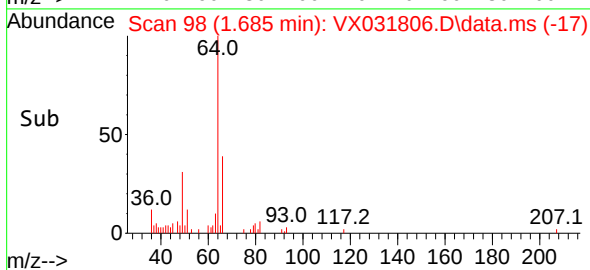
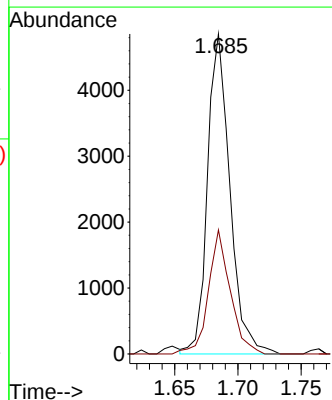
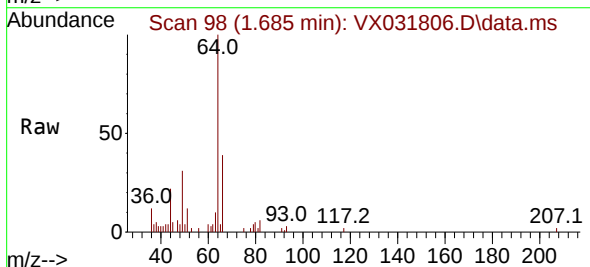
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

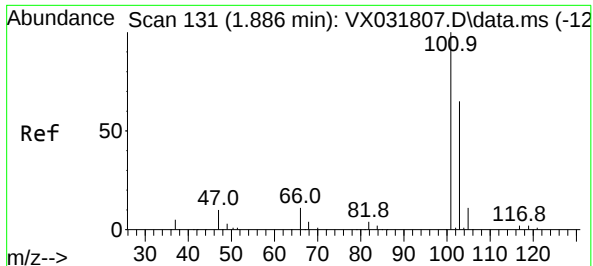
Tgt Ion: 94 Resp: 7118
Ion Ratio Lower Upper
94 100
96 88.5 76.8 115.2



#6
Chloroethane
Concen: 5.558 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 64 Resp: 5977
Ion Ratio Lower Upper
64 100
66 38.7 30.6 46.0

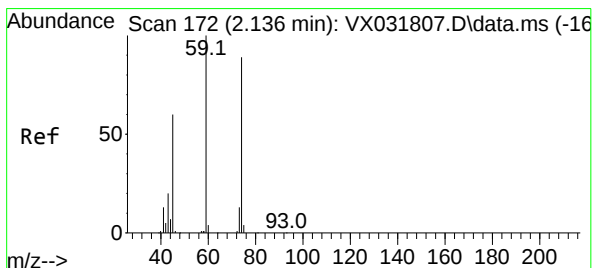
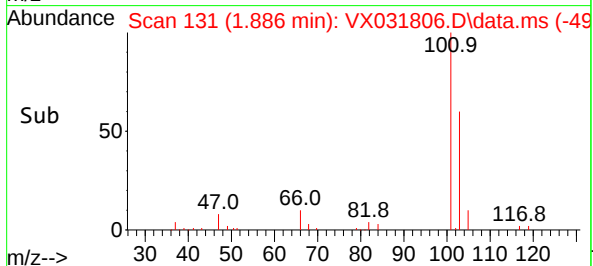
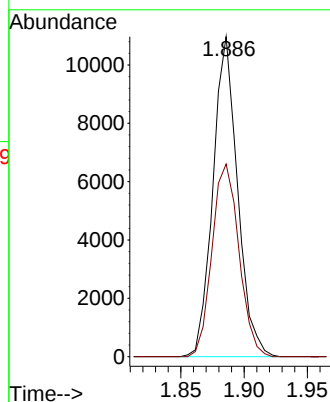
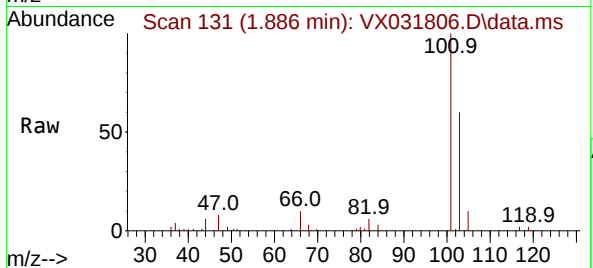




#7
Trichlorofluoromethane
Concen: 5.693 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

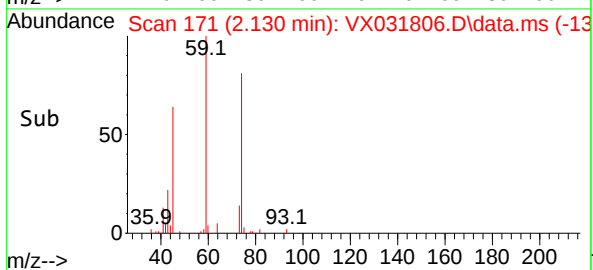
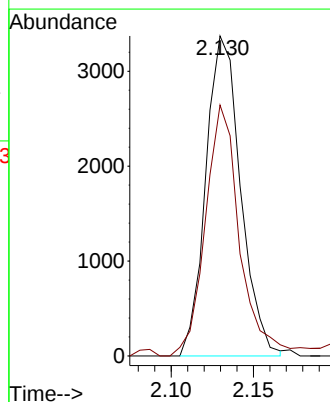
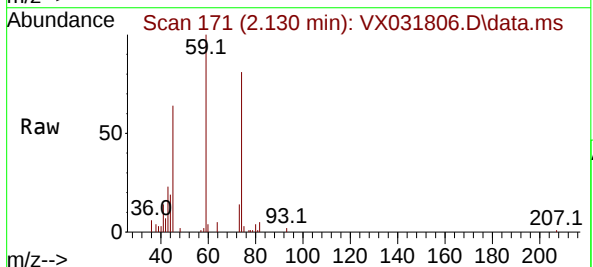
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

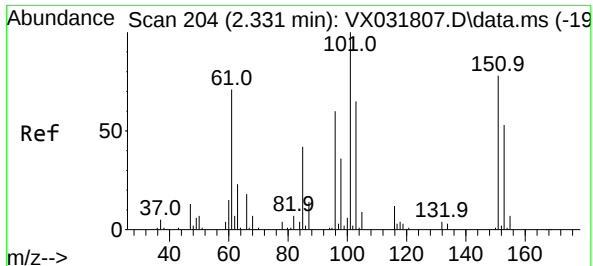
Tgt Ion:101 Resp: 14836
Ion Ratio Lower Upper
101 100
103 60.2 51.7 77.5



#8
Diethyl Ether
Concen: 5.610 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 74 Resp: 4954
Ion Ratio Lower Upper
74 100
45 76.7 14.2 127.8

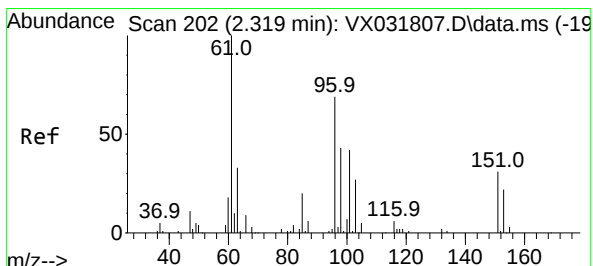
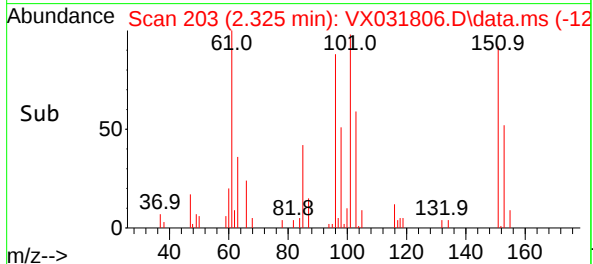
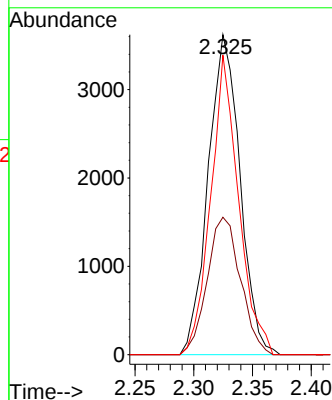
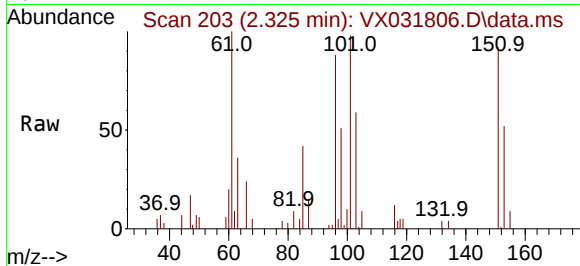




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.518 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

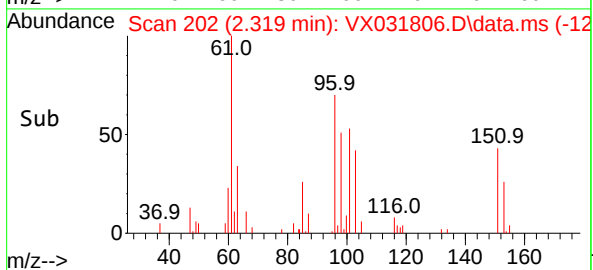
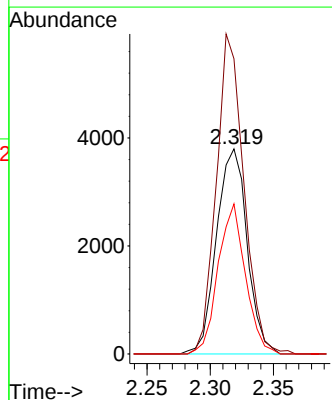
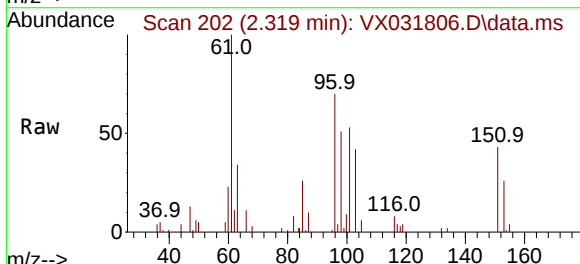
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

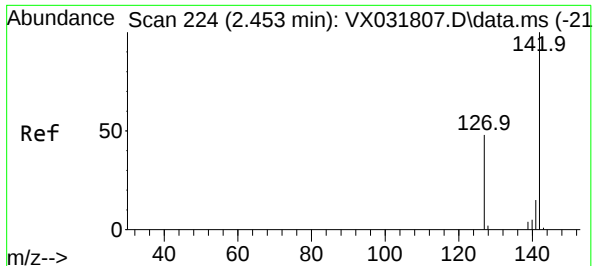
Tgt Ion:101 Resp: 6825
Ion Ratio Lower Upper
101 100
85 44.9 0.0 88.8
151 82.2 0.0 156.6



#10
1,1-Dichloroethene
Concen: 5.588 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 96 Resp: 6384
Ion Ratio Lower Upper
96 100
61 143.9 115.8 173.6
98 73.2 49.7 74.5

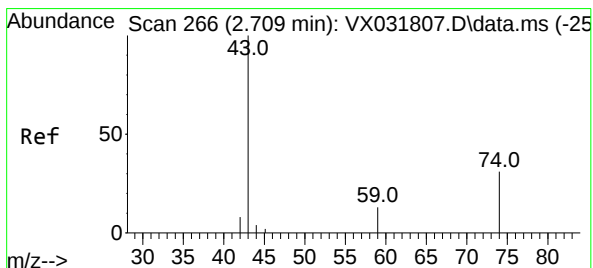
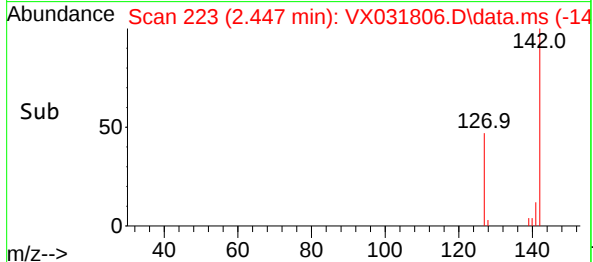
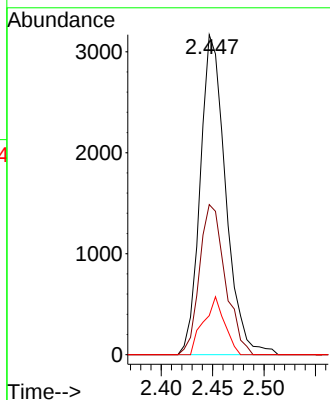
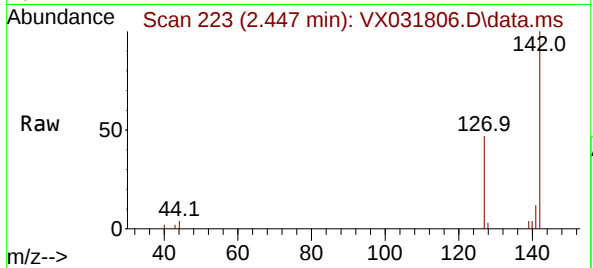




#11
Methyl Iodide
Concen: 4.366 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

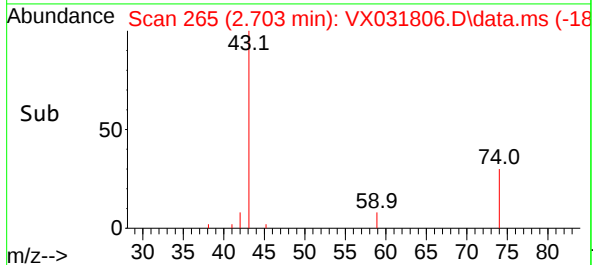
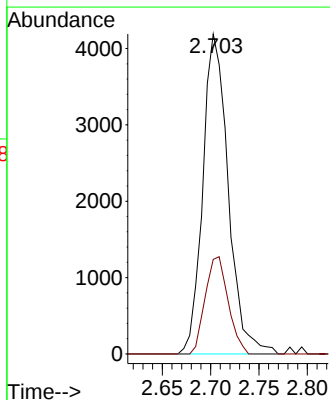
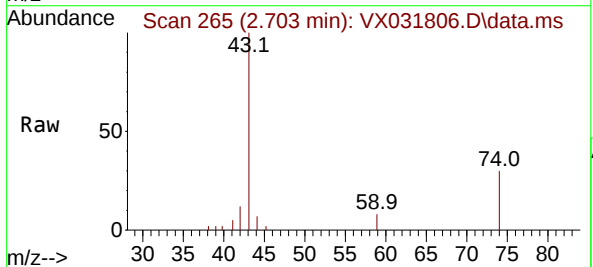
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

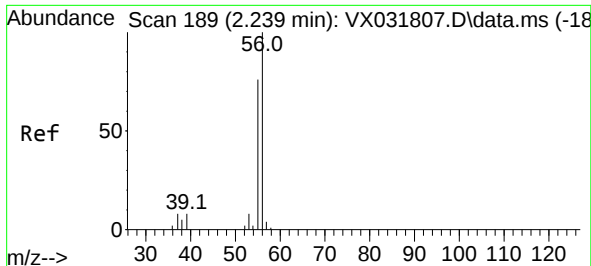
Tgt Ion:142 Resp: 5460
Ion Ratio Lower Upper
142 100
127 46.9 23.8 71.2
141 12.2 7.6 22.8



#12
Methyl Acetate
Concen: 5.884 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 43 Resp: 7680
Ion Ratio Lower Upper
43 100
74 29.6 24.8 37.2

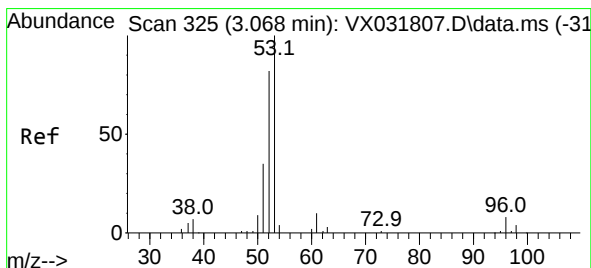
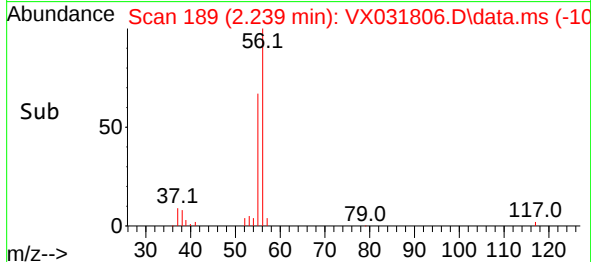
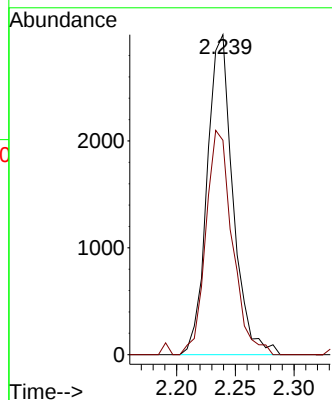
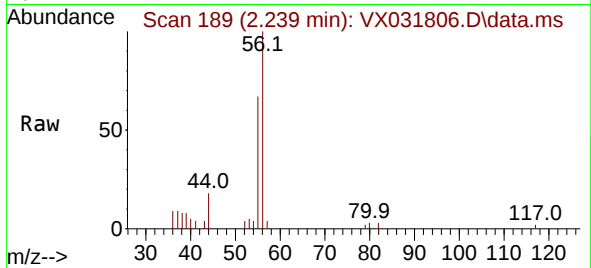




#13
Acrolein
Concen: 39.650 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

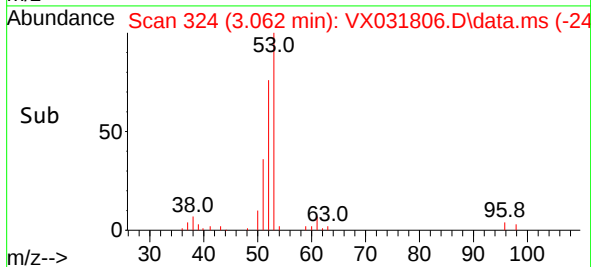
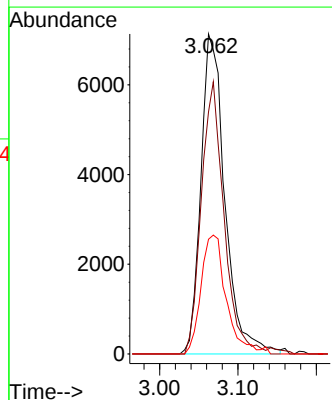
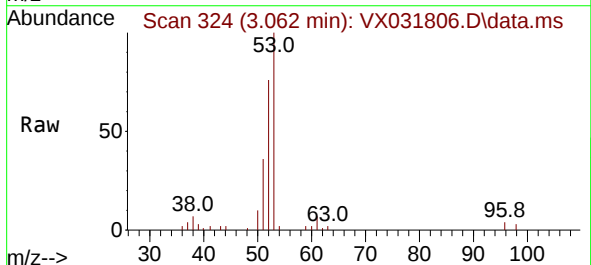
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

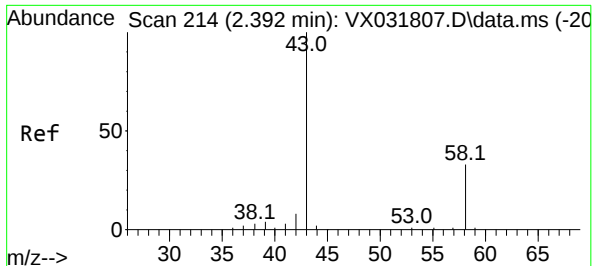
Tgt Ion: 56 Resp: 4584
Ion Ratio Lower Upper
56 100
55 72.1 58.4 87.6



#14
Acrylonitrile
Concen: 27.406 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 53 Resp: 15183
Ion Ratio Lower Upper
53 100
52 80.4 41.5 124.5
51 38.6 18.3 54.9

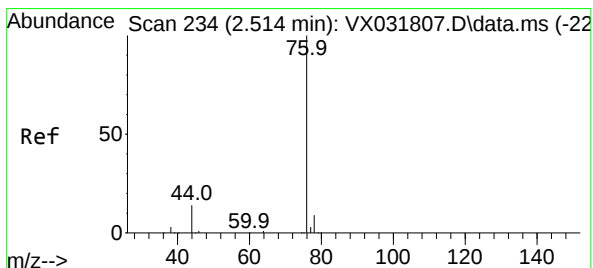
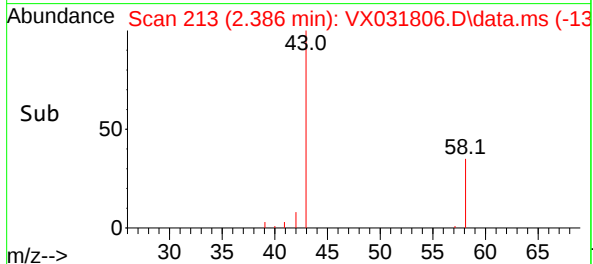
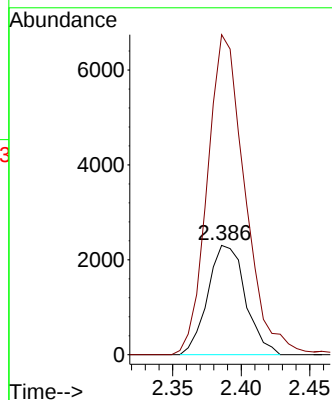
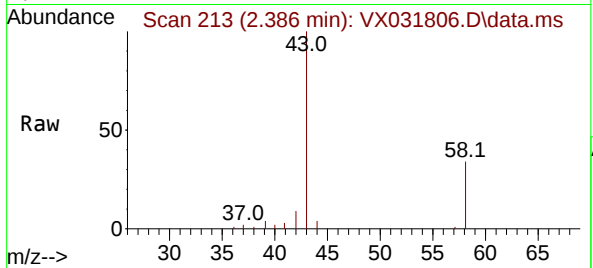




#15
Acetone
Concen: 29.312 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

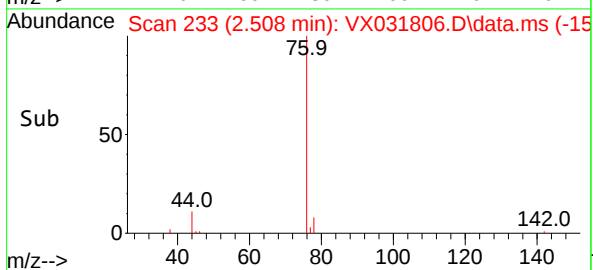
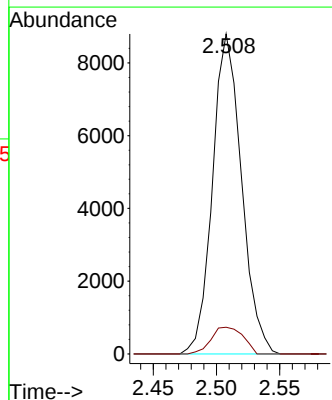
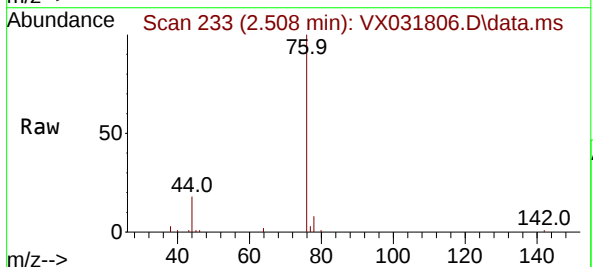
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

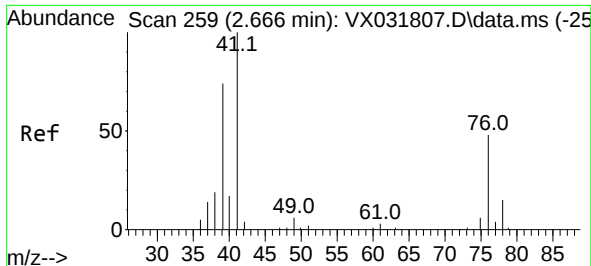
Tgt Ion: 58 Resp: 4399
Ion Ratio Lower Upper
58 100
43 289.0 242.6 364.0



#16
Carbon Disulfide
Concen: 5.598 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 76 Resp: 14030
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3





#17

Allyl chloride

Concen: 5.369 ug/l

RT: 2.660 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

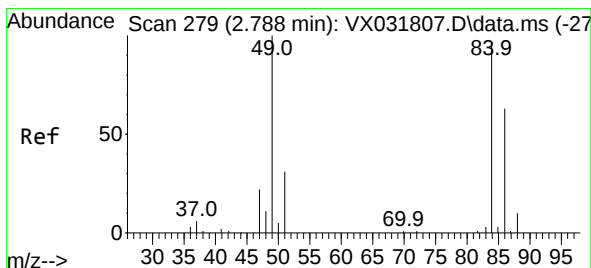
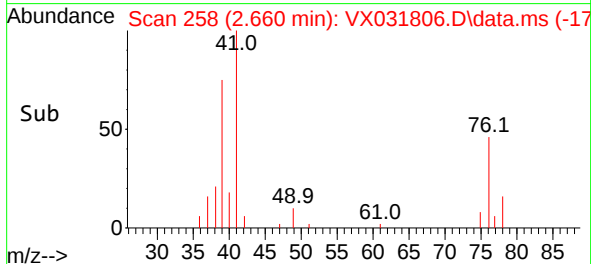
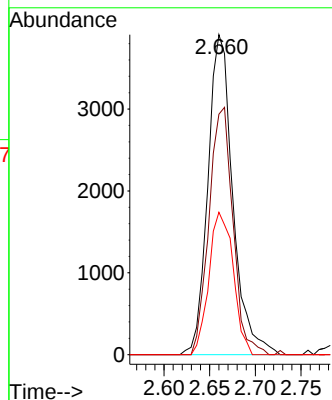
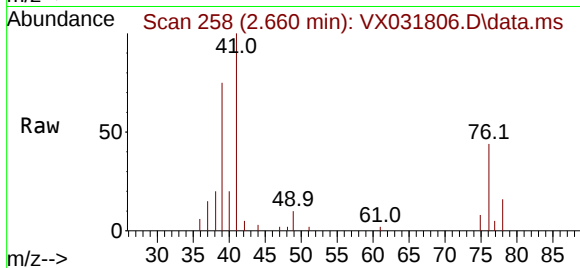
Tgt Ion: 41 Resp: 7424

Ion Ratio Lower Upper

41 100

39 75.2 37.0 111.0

76 44.5 23.8 71.5



#18

Methylene Chloride

Concen: 5.724 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Tgt Ion: 84 Resp: 7484

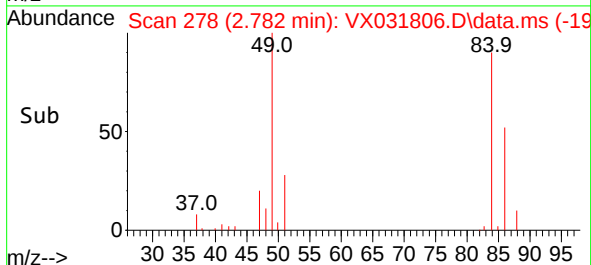
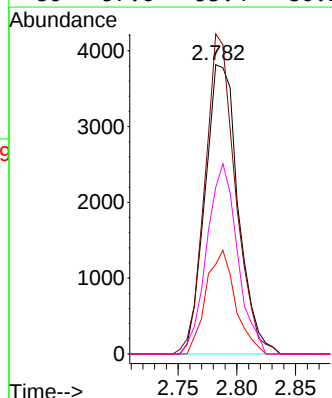
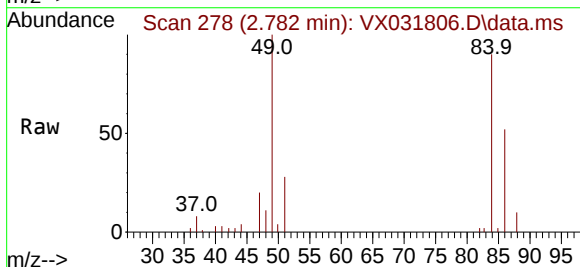
Ion Ratio Lower Upper

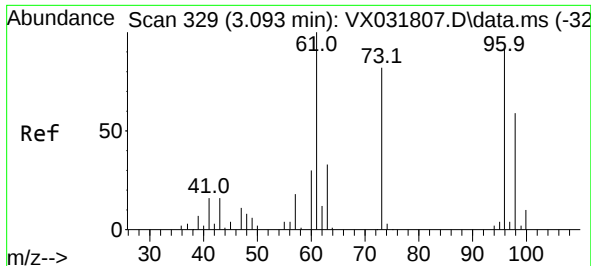
84 100

49 110.6 84.6 127.0

51 31.0 26.5 39.7

86 57.6 53.4 80.2

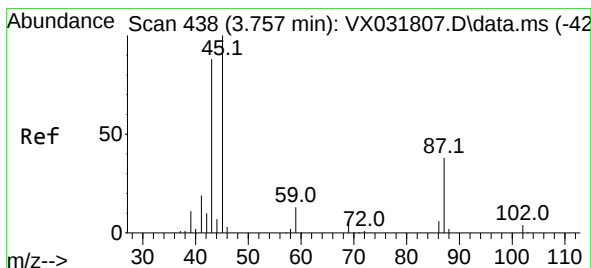
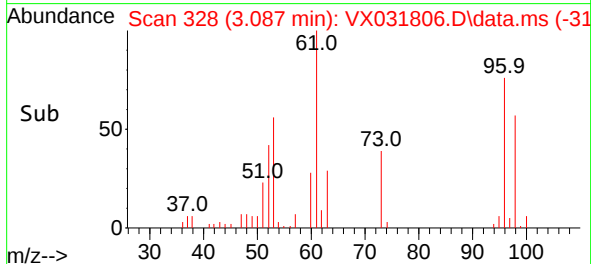
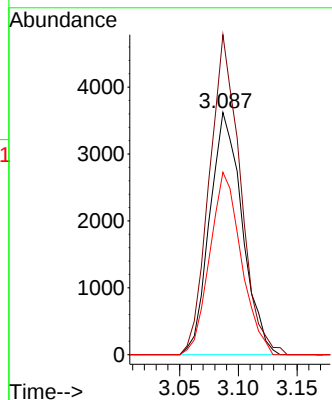
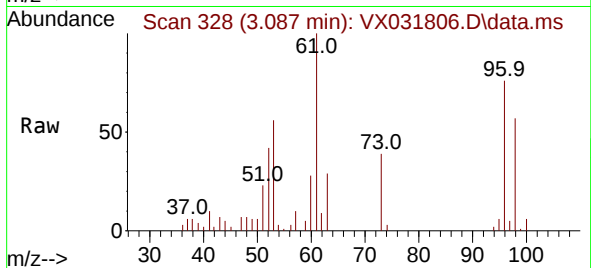




#19
trans-1,2-Dichloroethene
Concen: 5.278 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

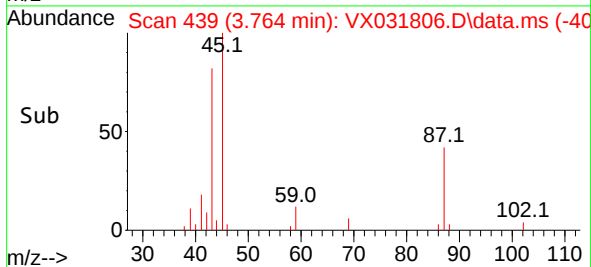
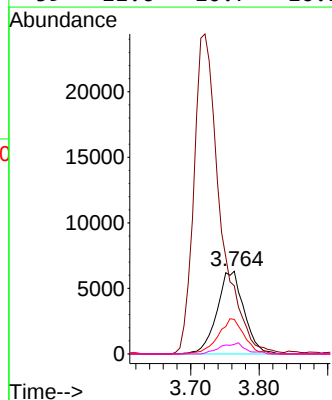
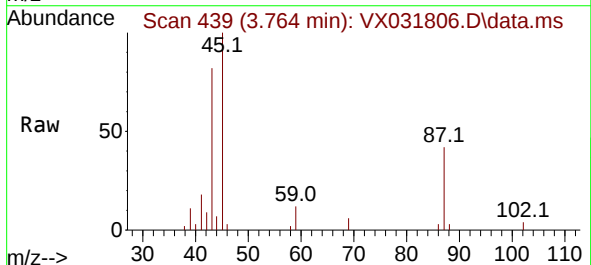
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

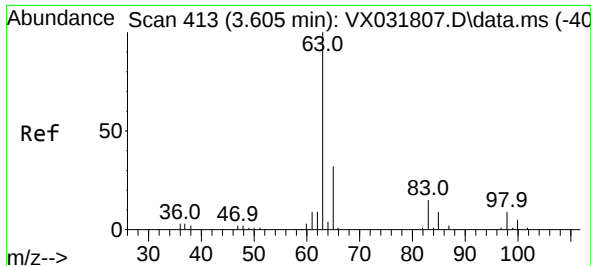
Tgt Ion: 96 Resp: 6982
Ion Ratio Lower Upper
96 100
61 132.1 87.4 131.0#
98 75.3 51.5 77.3



#20
Diisopropyl ether
Concen: 5.417 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 45 Resp: 17215
Ion Ratio Lower Upper
45 100
43 80.2 74.5 111.7
87 41.9 30.4 45.6
59 11.6 10.7 16.1





#21

1,1-Dichloroethane

Concen: 5.542 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

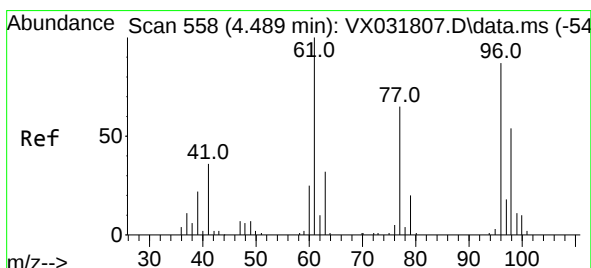
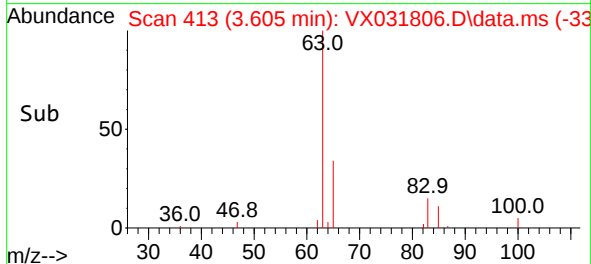
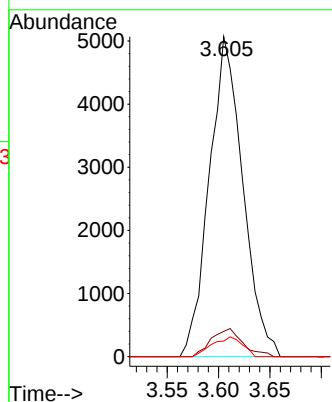
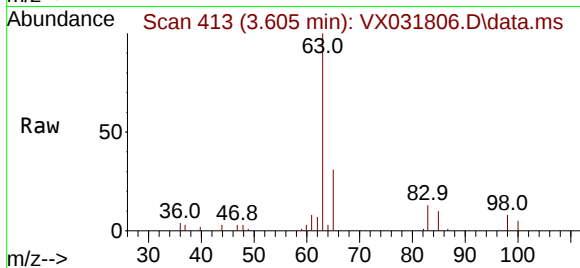
Tgt Ion: 63 Resp: 11490

Ion Ratio Lower Upper

63 100

98 7.9 4.5 13.7

100 4.9 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 5.417 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

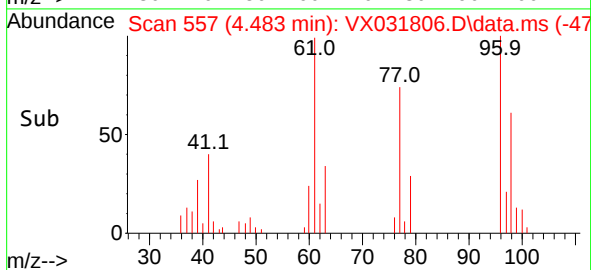
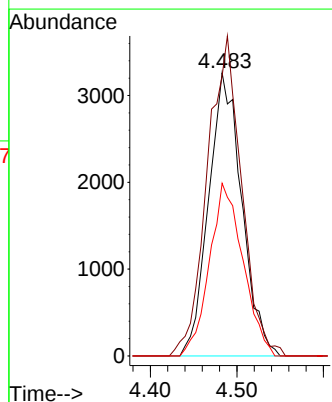
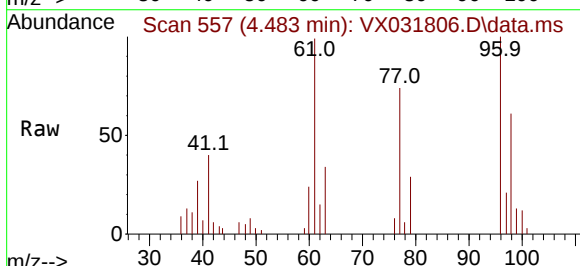
Tgt Ion: 96 Resp: 8657

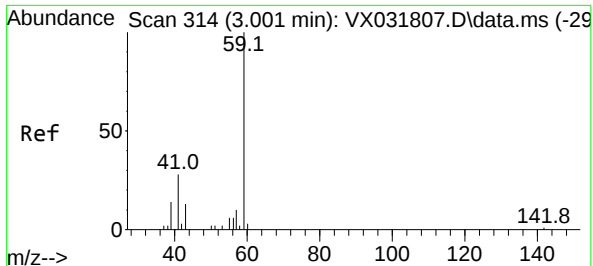
Ion Ratio Lower Upper

96 100

61 116.0 98.0 147.0

98 61.7 52.2 78.4





#23

tert-Butyl Alcohol

Concen: 27.255 ug/l

RT: 2.989 min Scan# 314

Delta R.T. -0.012 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

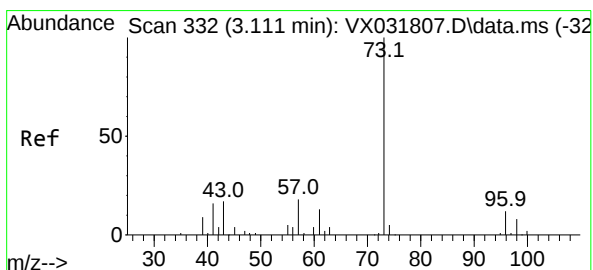
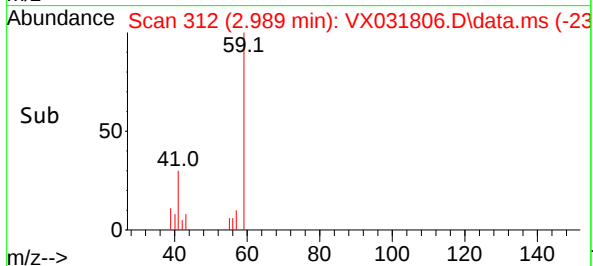
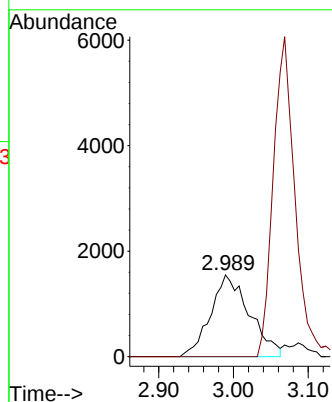
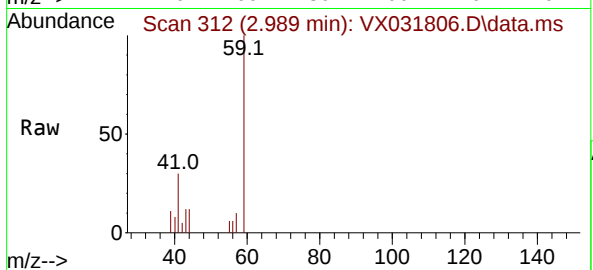
VSTDIC005

Tgt Ion: 59 Resp: 5624

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 5.366 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX031806.D

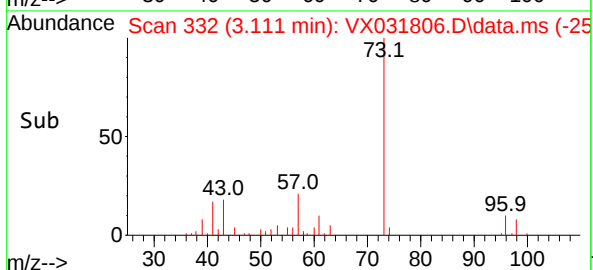
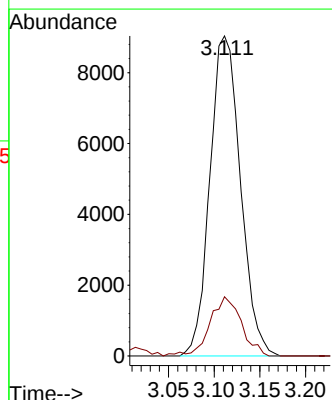
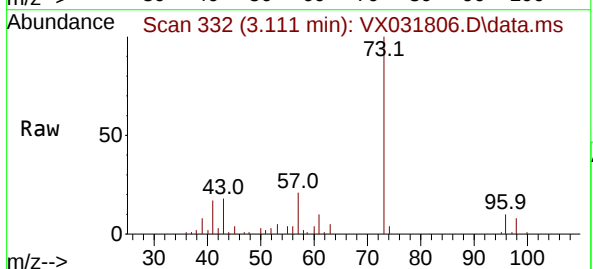
Acq: 30 Sep 2022 11:25

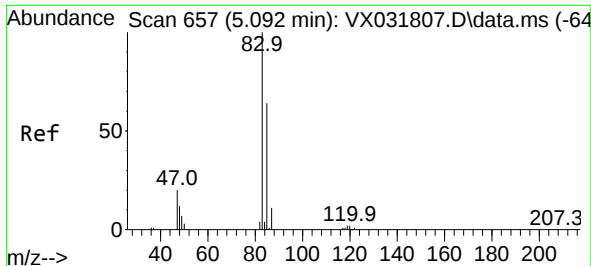
Tgt Ion: 73 Resp: 21068

Ion Ratio Lower Upper

73 100

43 18.6 14.8 22.2

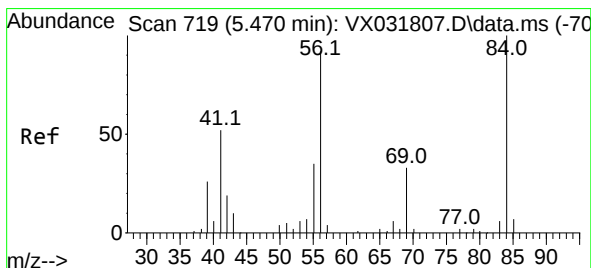
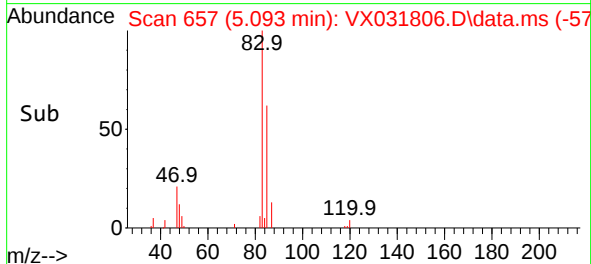
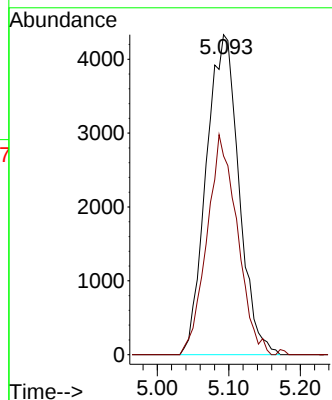
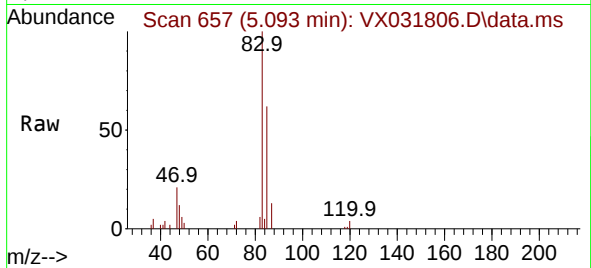




#25
Chloroform
Concen: 5.408 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

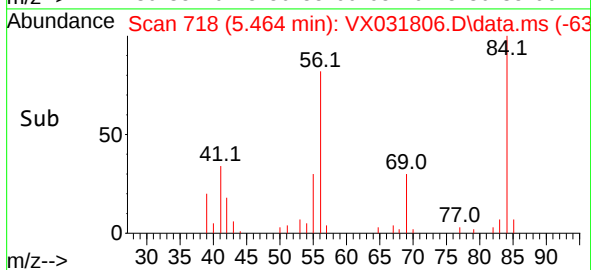
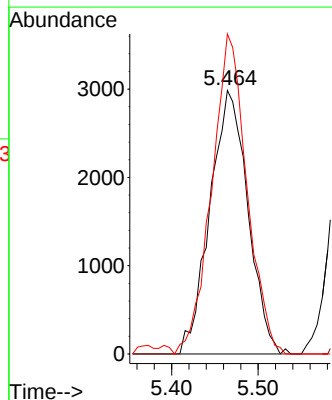
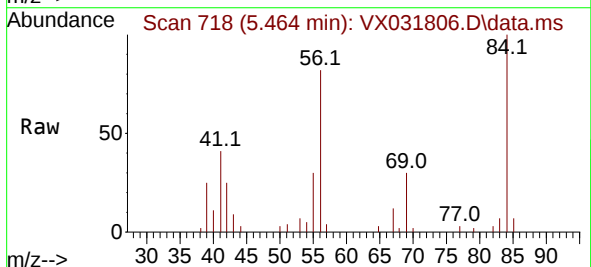
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

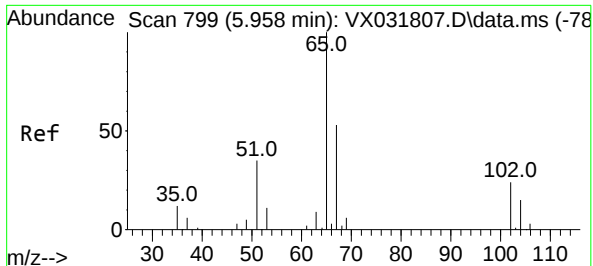
Tgt Ion: 83 Resp: 13767
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0



#26
Cyclohexane
Concen: 5.301 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 56 Resp: 9066
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 112.6 86.6 130.0

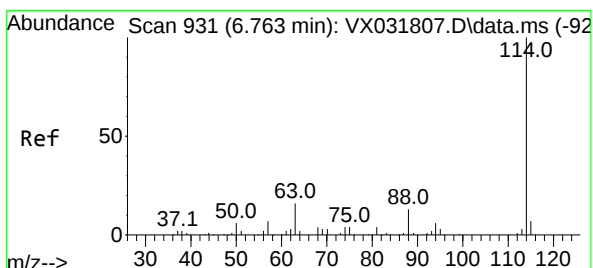
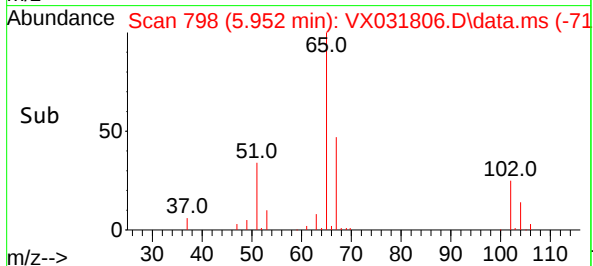
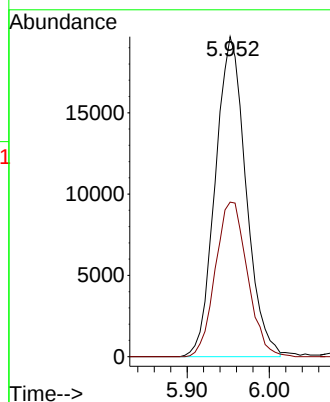
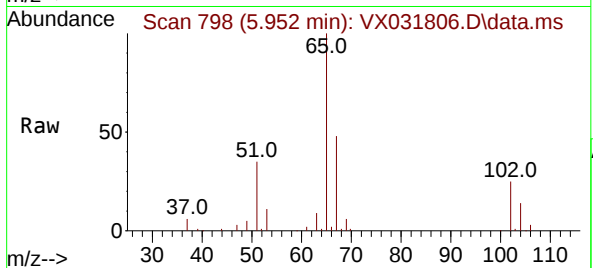




#27
 1,2-Dichloroethane-d4
 Concen: 32.583 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX031806.D
 Acq: 30 Sep 2022 11:25

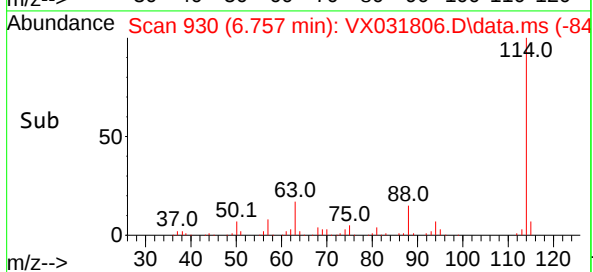
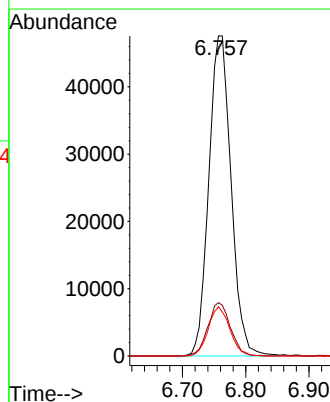
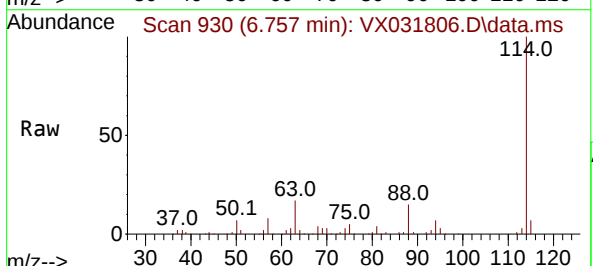
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

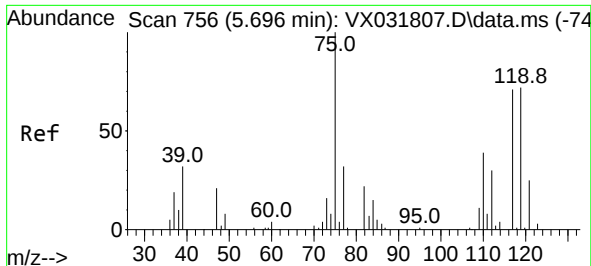
Tgt Ion: 65 Resp: 51029
 Ion Ratio Lower Upper
 65 100
 67 50.5 41.8 62.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX031806.D
 Acq: 30 Sep 2022 11:25

Tgt Ion: 114 Resp: 116697
 Ion Ratio Lower Upper
 114 100
 63 16.7 13.6 20.4
 88 14.8 11.8 17.6





#29

1,1-Dichloropropene

Concen: 5.305 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

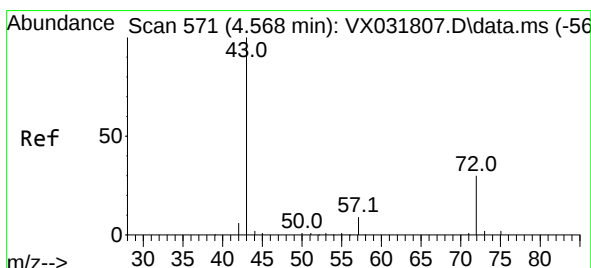
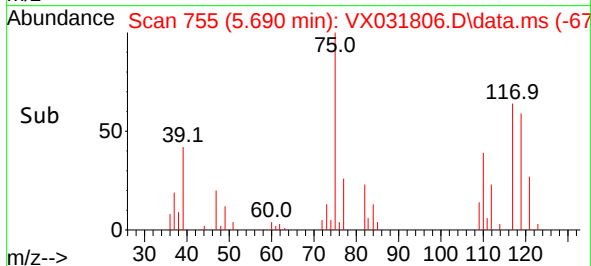
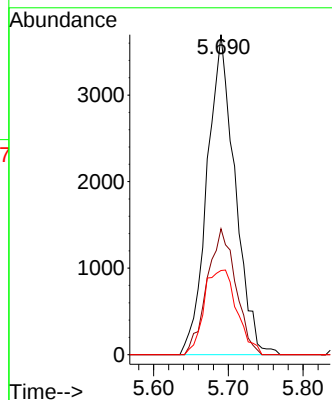
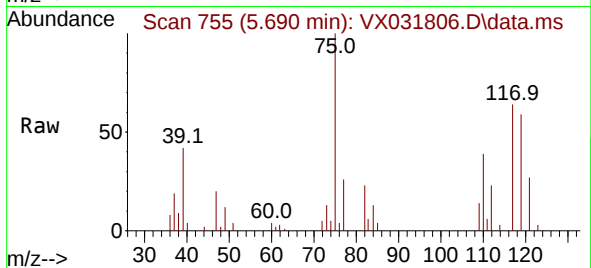
Tgt Ion: 75 Resp: 9596

Ion Ratio Lower Upper

75 100

110 40.3 0.0 80.4

77 0.0 0.0 62.0



#30

2-Butanone

Concen: 26.977 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

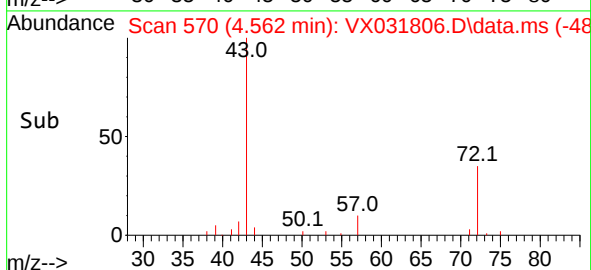
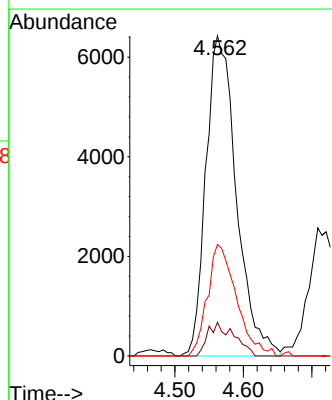
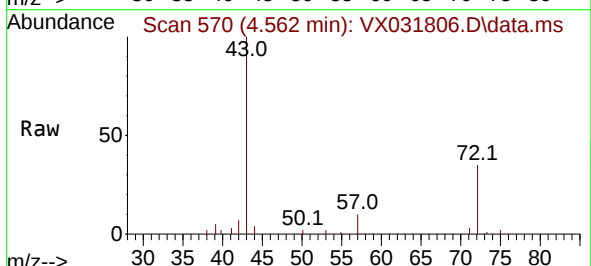
Tgt Ion: 43 Resp: 19864

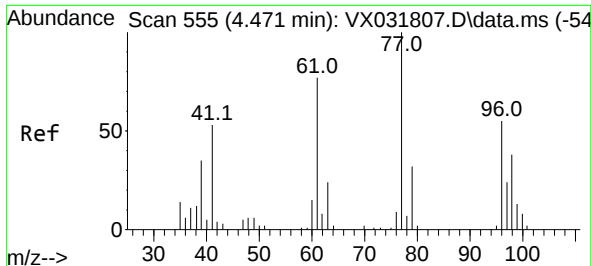
Ion Ratio Lower Upper

43 100

57 5.6 7.5 11.3#

72 32.9 26.6 39.8

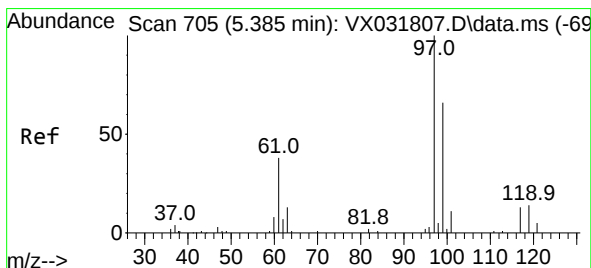
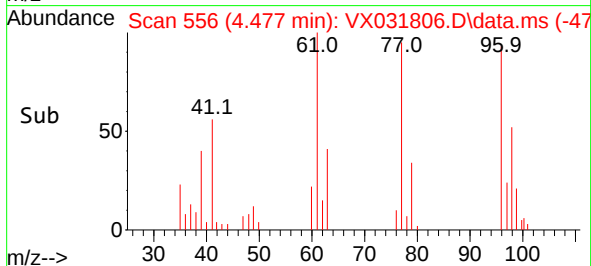
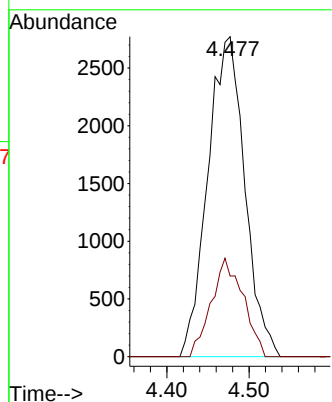
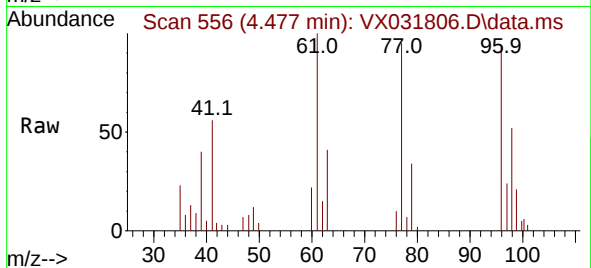




#31
2,2-Dichloropropane
Concen: 4.784 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

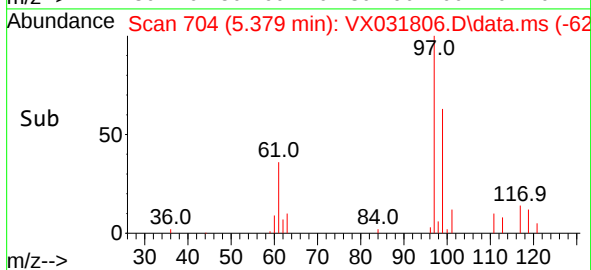
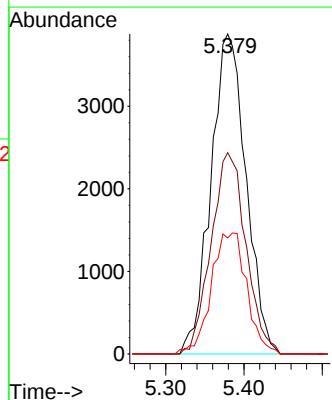
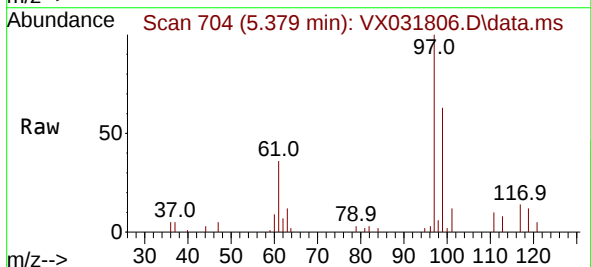
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

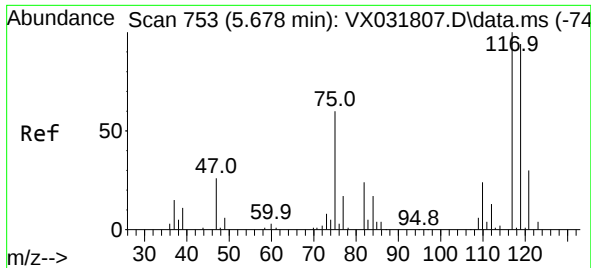
Tgt Ion: 77 Resp: 8665
Ion Ratio Lower Upper
77 100
97 26.5 20.0 30.0



#32
1,1,1-Trichloroethane
Concen: 5.032 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 97 Resp: 12050
Ion Ratio Lower Upper
97 100
99 62.5 53.8 80.6
61 20.0 31.3 46.9#

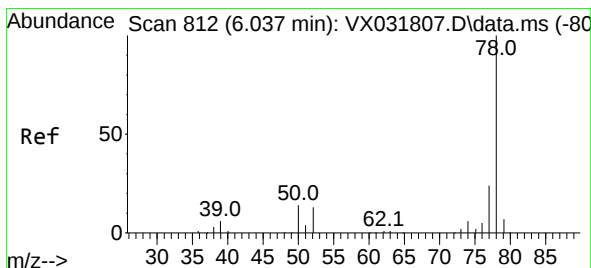
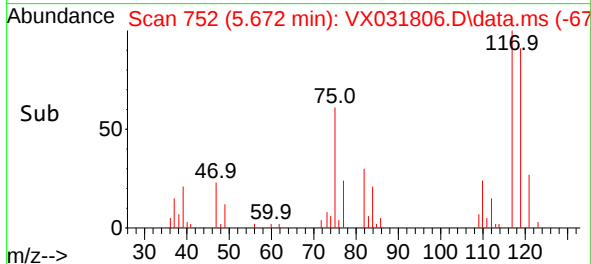
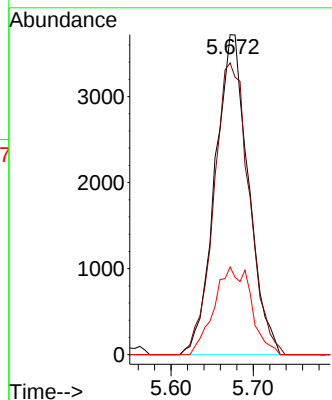
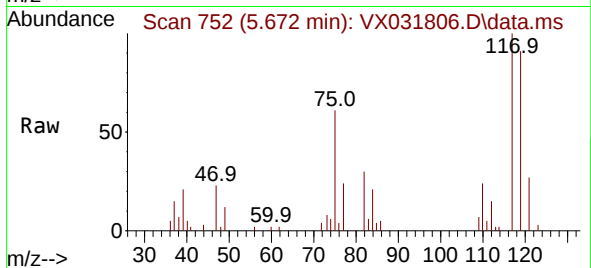




#33
Carbon Tetrachloride
Concen: 4.775 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

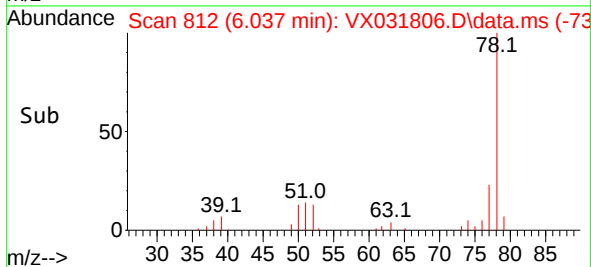
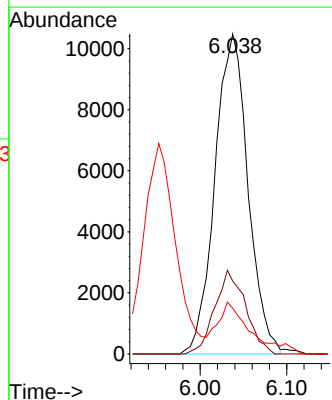
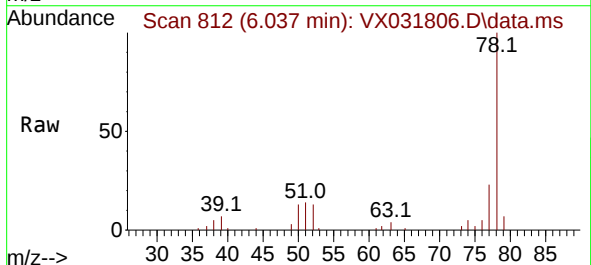
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

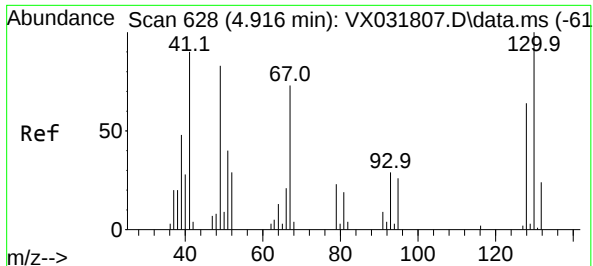
Tgt Ion:117 Resp: 10483
Ion Ratio Lower Upper
117 100
119 91.2 75.4 113.2
121 27.4 24.4 36.6



#34
Benzene
Concen: 5.196 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 78 Resp: 27813
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6
51 11.9 10.6 15.8

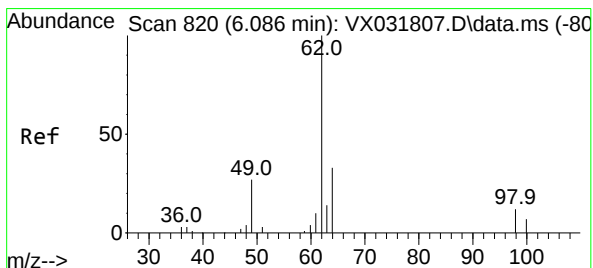
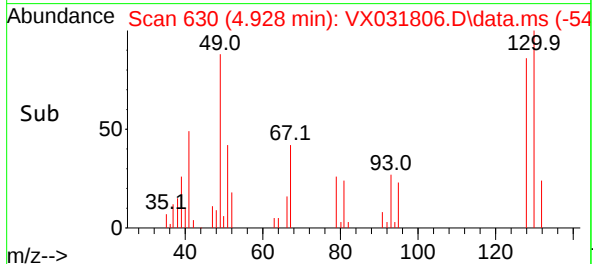
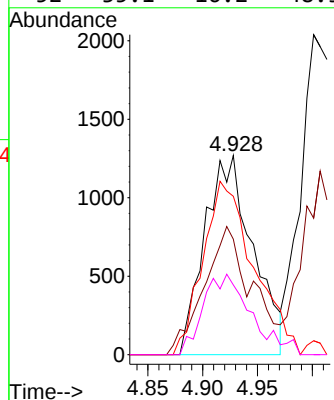
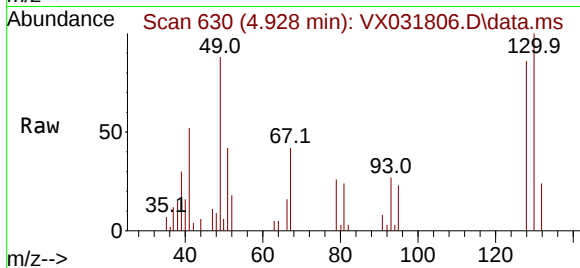




#35
Methacrylonitrile
Concen: 5.026 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

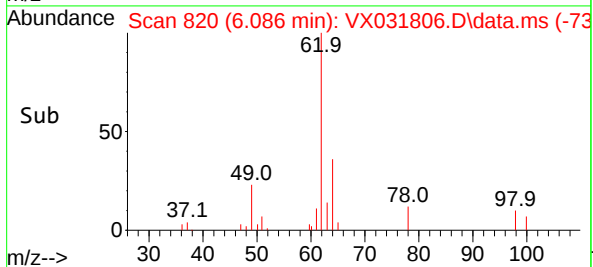
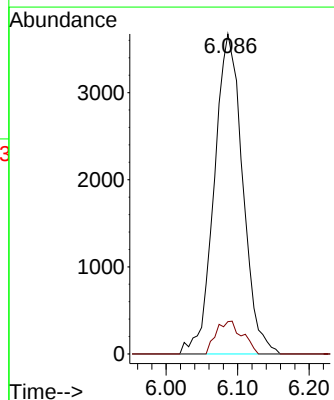
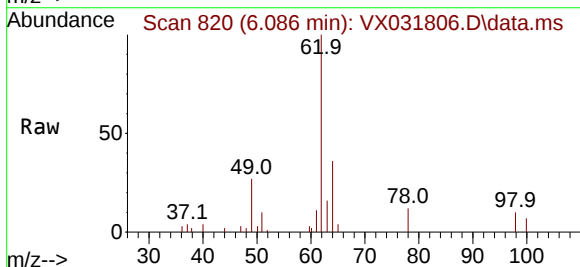
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

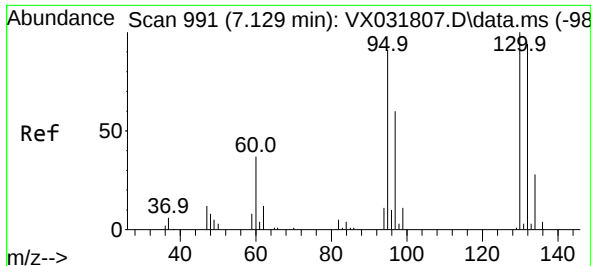
Tgt Ion: 41	Resp:	3867	
Ion	Ratio	Lower	Upper
41	100		
39	45.4	26.9	80.7
67	71.2	40.6	121.8
52	35.1	16.2	48.5



#36
1,2-Dichloroethane
Concen: 5.381 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 62	Resp:	10149	
Ion Ratio	Lower	Upper	
62 100			
98 7.9	8.8	13.2#	





#37

Trichloroethene

Concen: 5.184 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

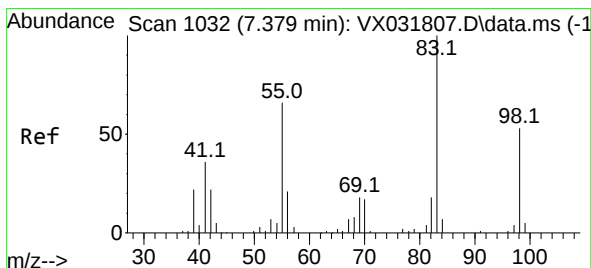
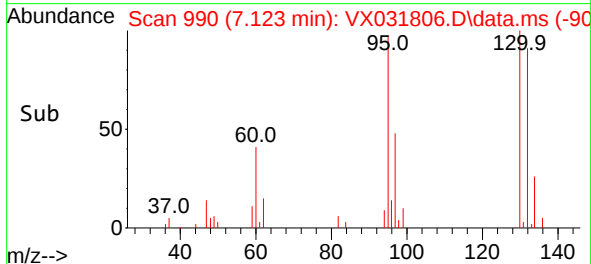
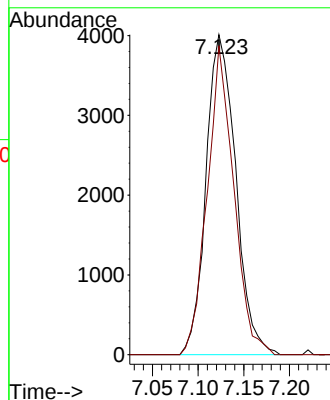
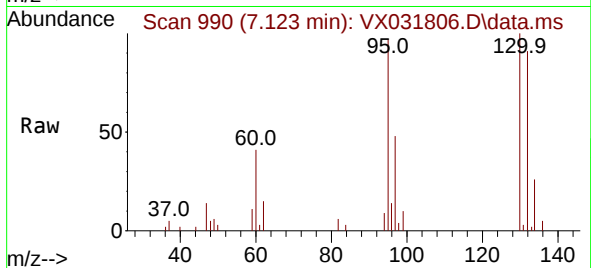
ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 9054

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	96.5	72.4	108.6



#38

Methylcyclohexane

Concen: 5.231 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

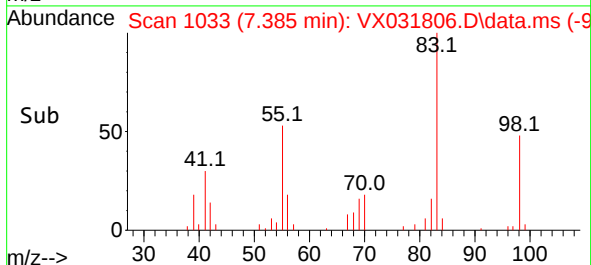
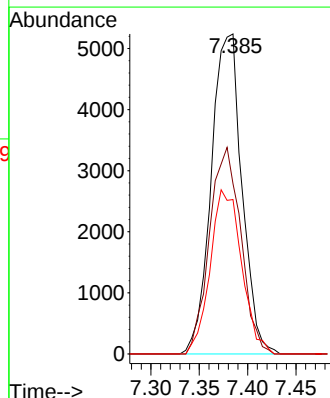
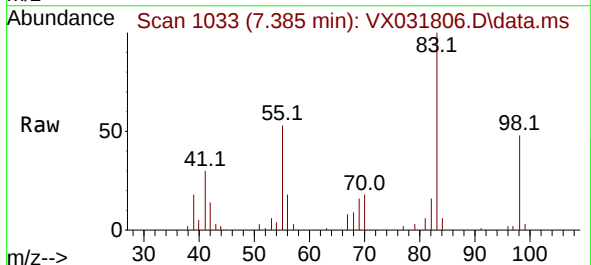
Lab File: VX031806.D

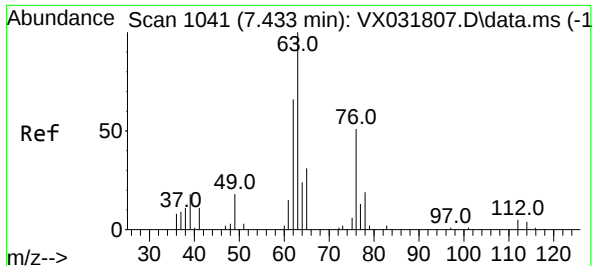
Acq: 30 Sep 2022 11:25

Tgt Ion: 83 Resp: 11584

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
83	100		
55	65.7	31.6	94.7
98	52.4	26.9	80.6





#39

1,2-Dichloropropane

Concen: 5.266 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

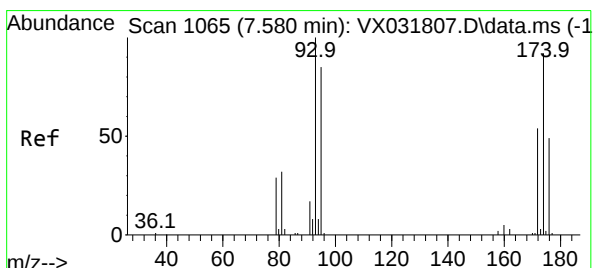
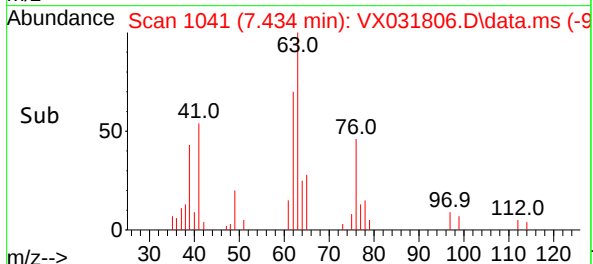
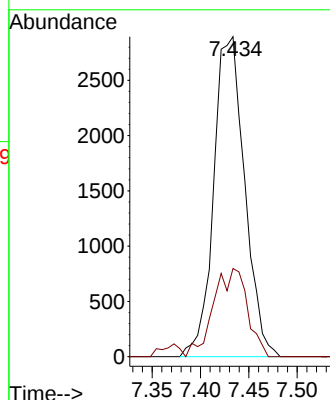
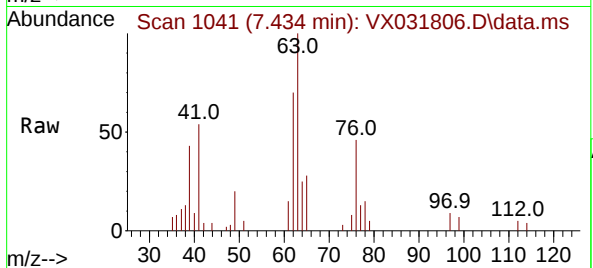
VSTDICC005

Tgt Ion: 63 Resp: 6443

Ion Ratio Lower Upper

63 100

65 27.5 26.5 39.7



#40

Dibromomethane

Concen: 5.125 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

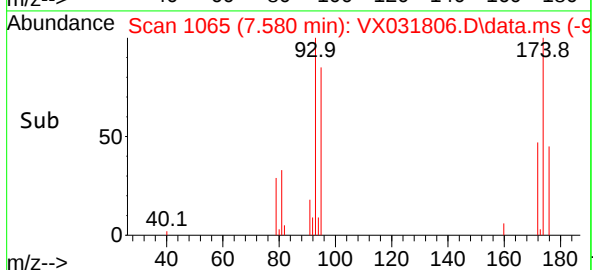
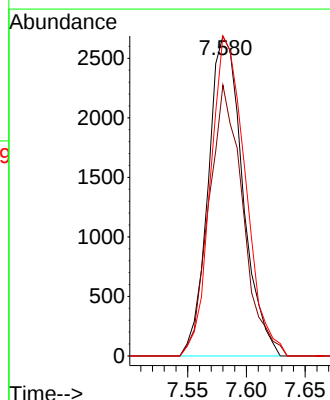
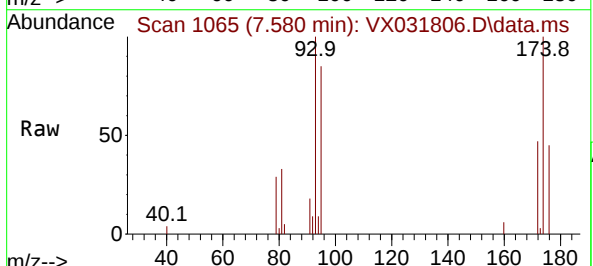
Tgt Ion: 93 Resp: 5485

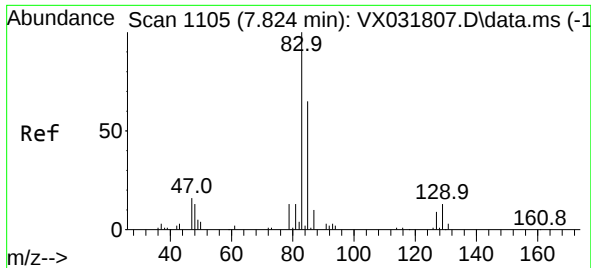
Ion Ratio Lower Upper

93 100

95 83.1 0.0 165.0

174 100.6 0.0 205.2

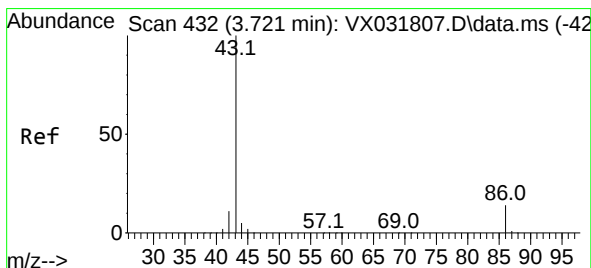
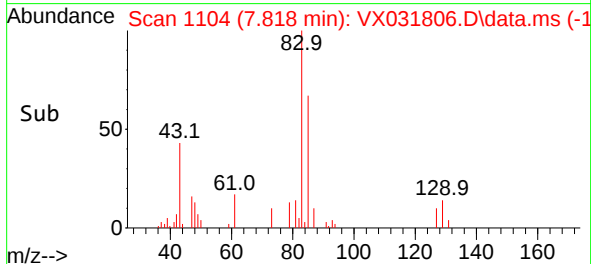
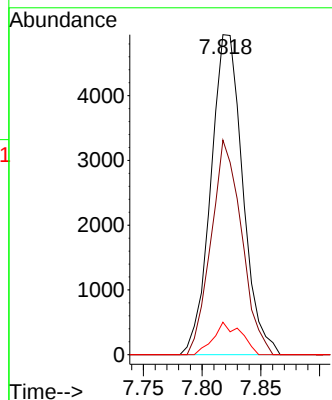
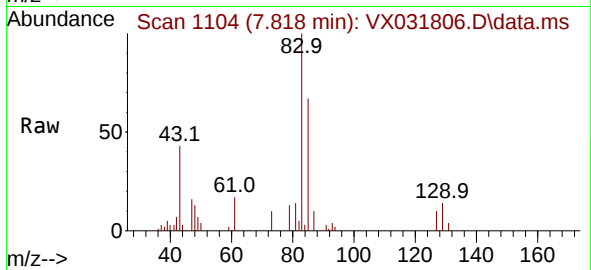




#41
Bromodichloromethane
Concen: 4.818 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

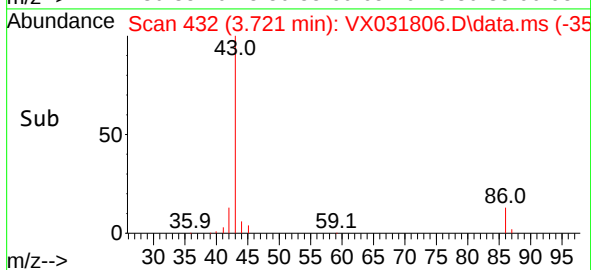
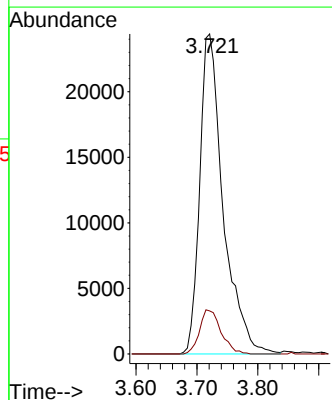
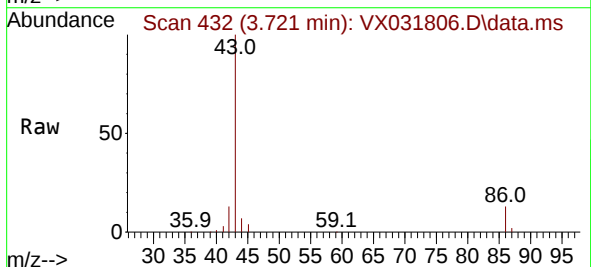
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

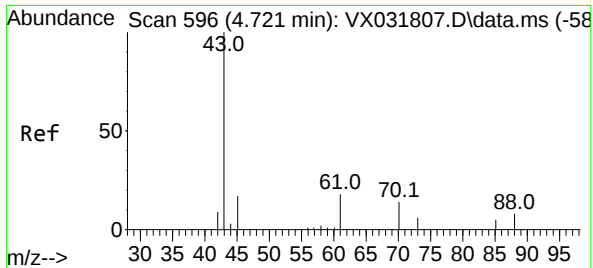
Tgt Ion:	83	Resp:	9351
Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.3	78.5
127	10.2	6.8	10.2



#42
Vinyl Acetate
Concen: 24.596 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion:	43	Resp:	65310
Ion	Ratio	Lower	Upper
43	100		
86	12.6	10.3	15.5

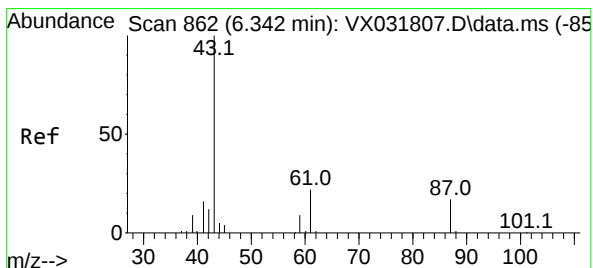
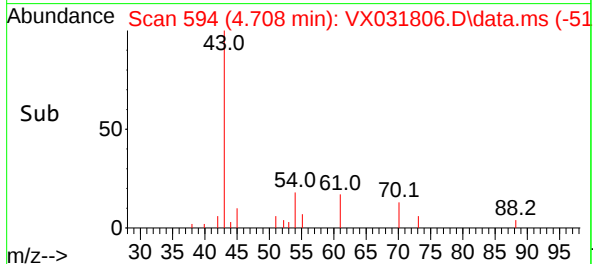
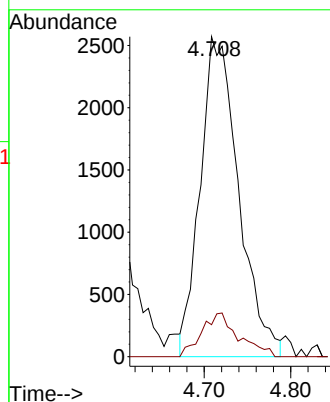
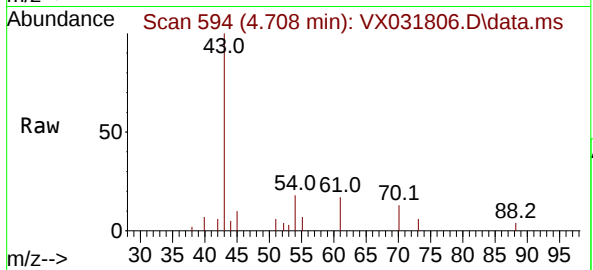




#43
Ethyl Acetate
Concen: 5.348 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

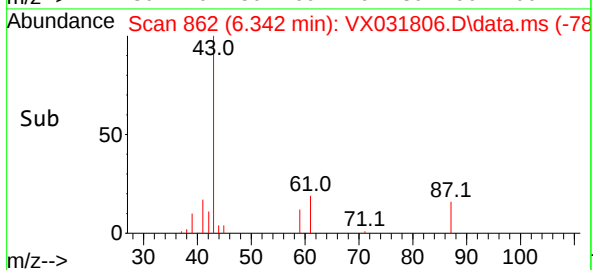
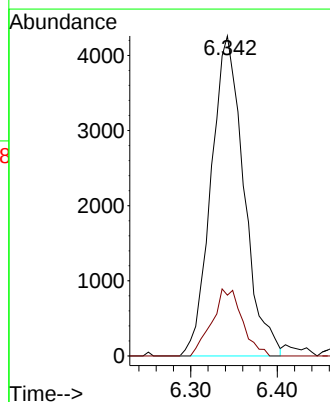
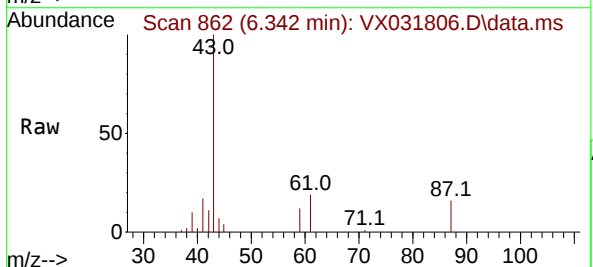
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

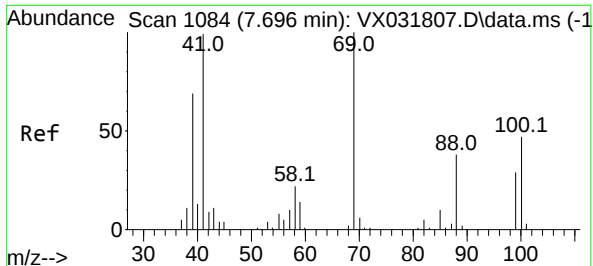
Tgt Ion: 43 Resp: 7912
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2



#44
Isopropyl Acetate
Concen: 4.765 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 43 Resp: 11206
Ion Ratio Lower Upper
43 100
61 19.3 17.2 25.8

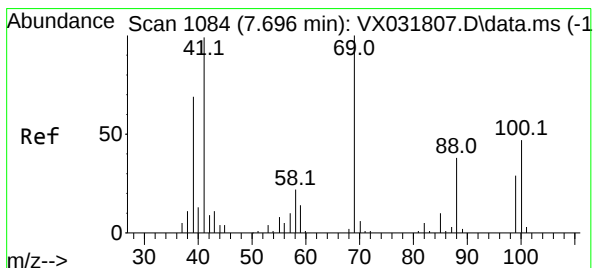
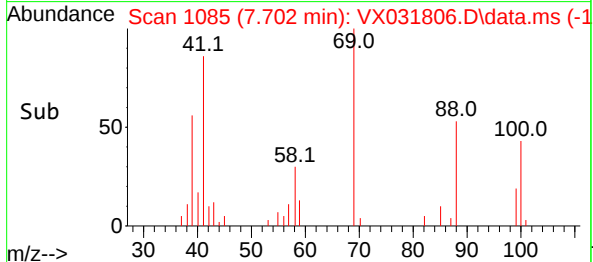
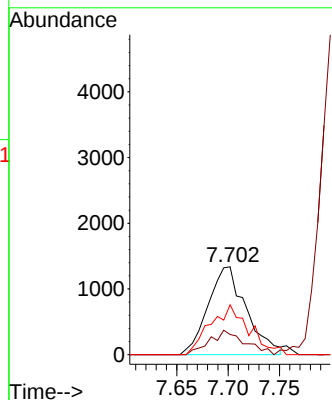
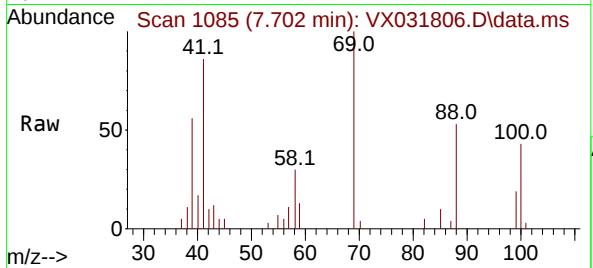




#45
1,4-Dioxane
Concen: 102.705 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

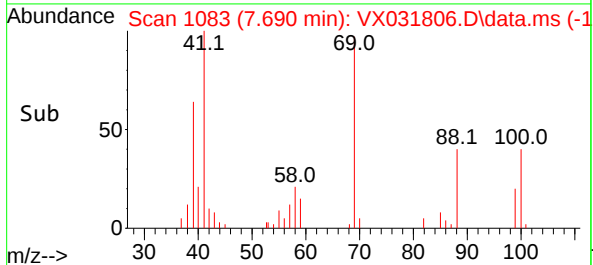
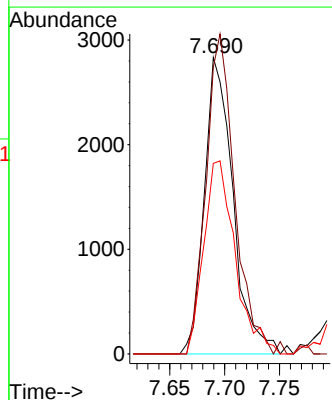
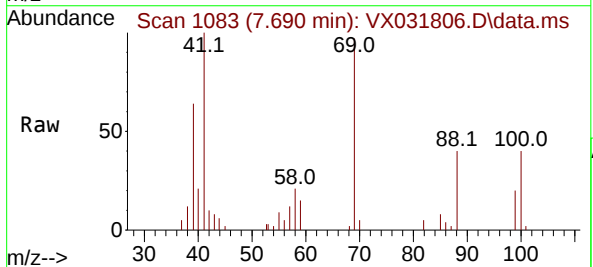
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

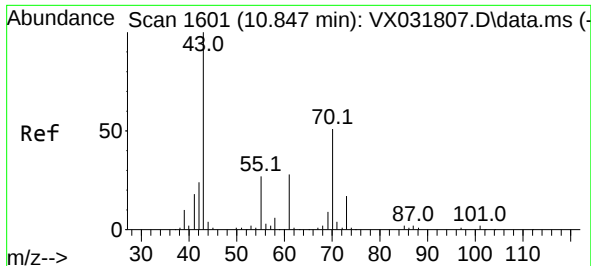
Tgt Ion: 88 Resp: 3456
Ion Ratio Lower Upper
88 100
43 22.1 20.4 30.6
58 56.5 44.0 66.0



#46
Methyl methacrylate
Concen: 4.692 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 41 Resp: 5150
Ion Ratio Lower Upper
41 100
69 96.7 50.5 151.5
39 64.3 34.6 103.8





#47

n-amy1 Acetate

Concen: 4.136 ug/l

RT: 10.848 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

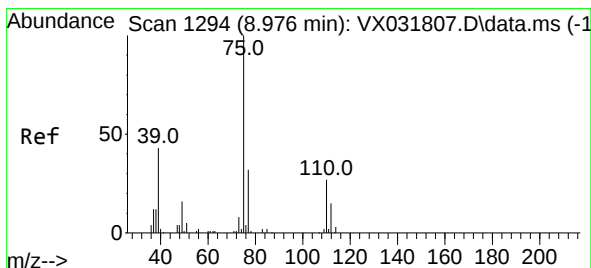
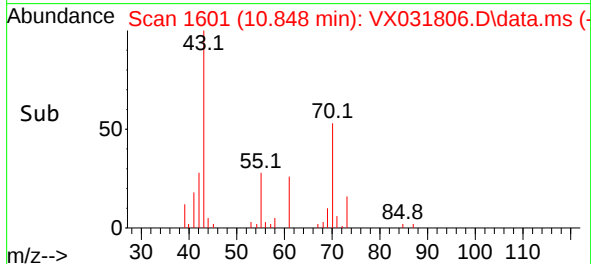
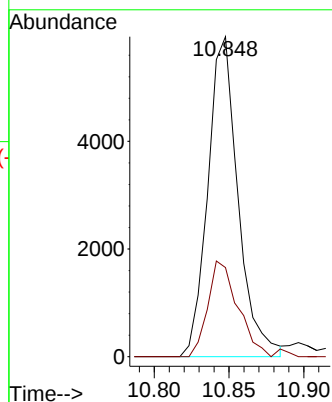
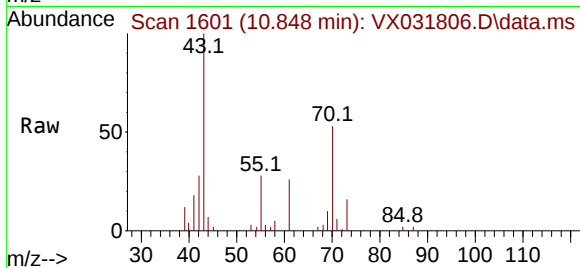
VSTDIC005

Tgt Ion: 43 Resp: 8352

Ion Ratio Lower Upper

43 100

55 29.7 21.6 32.4



#48

t-1,3-Dichloropropene

Concen: 4.167 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX031806.D

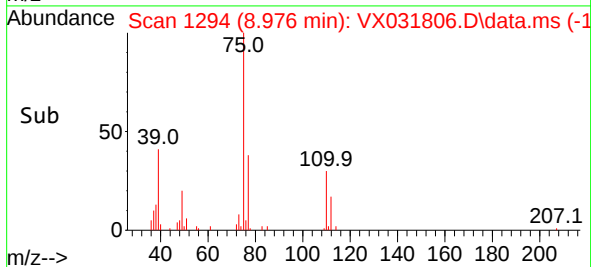
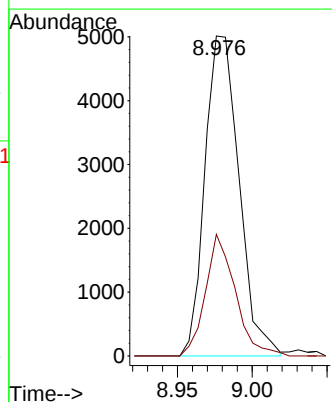
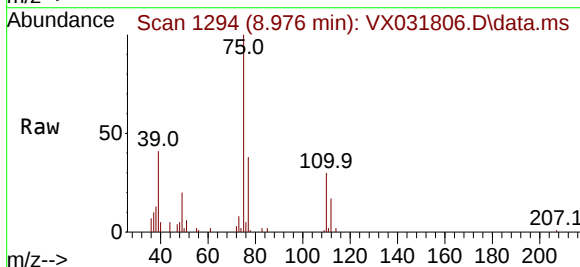
Acq: 30 Sep 2022 11:25

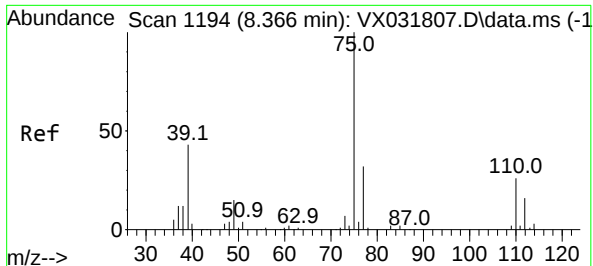
Tgt Ion: 75 Resp: 7973

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 4.511 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

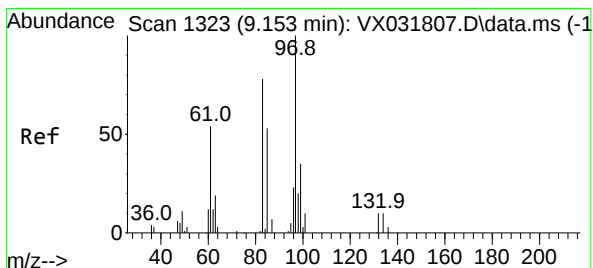
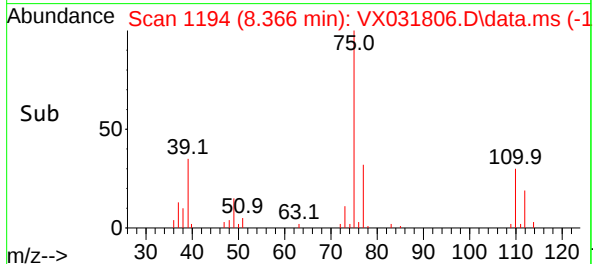
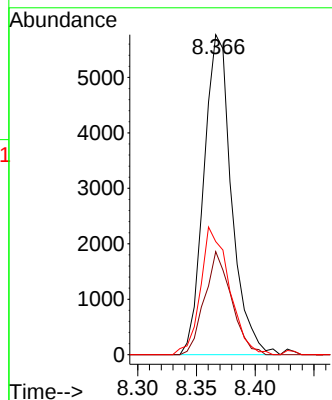
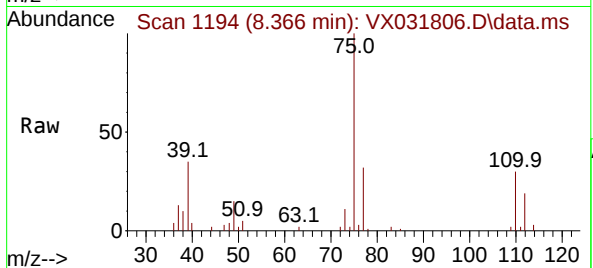
Tgt Ion: 75 Resp: 9469

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

39 35.3 34.1 51.1



#50

1,1,2-Trichloroethane

Concen: 4.956 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Tgt Ion: 97 Resp: 7682

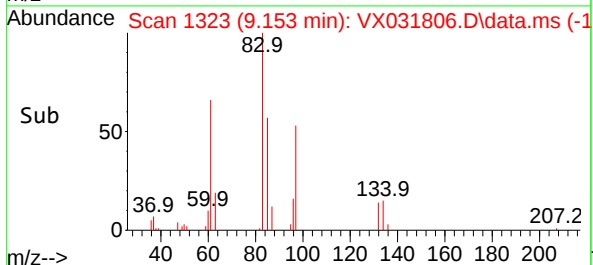
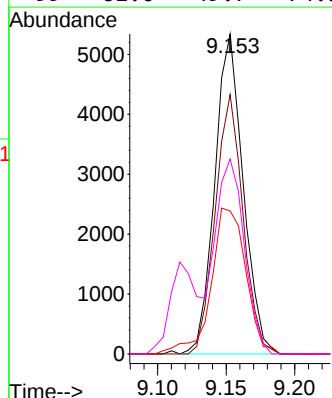
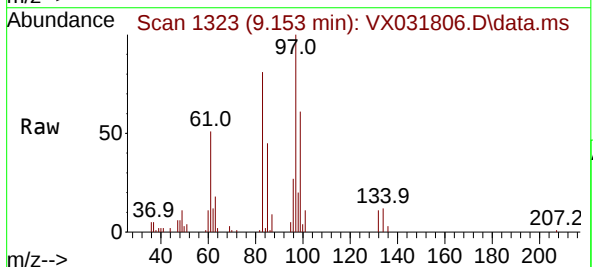
Ion Ratio Lower Upper

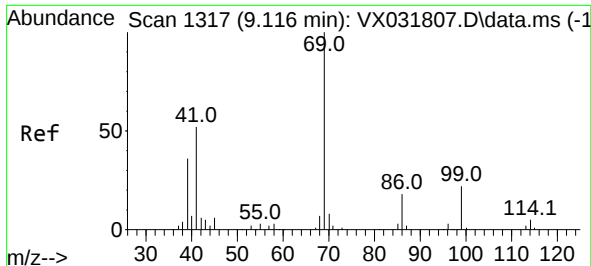
97 100

83 81.1 62.2 93.4

85 44.7 44.2 66.2

99 61.0 49.7 74.5

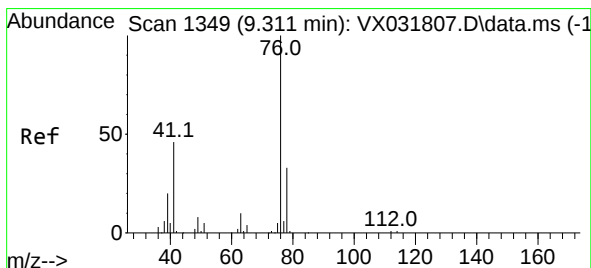
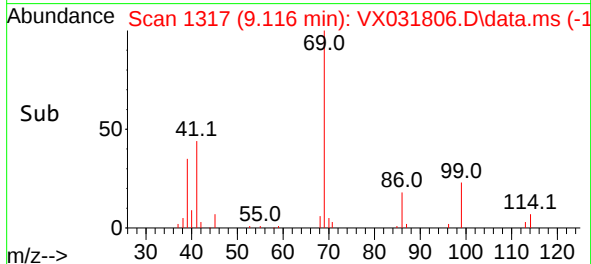
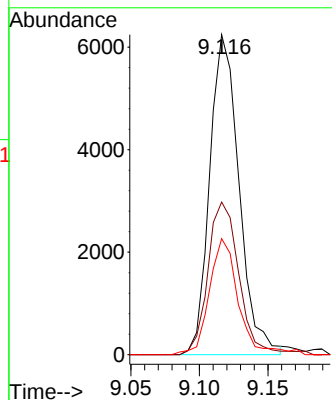
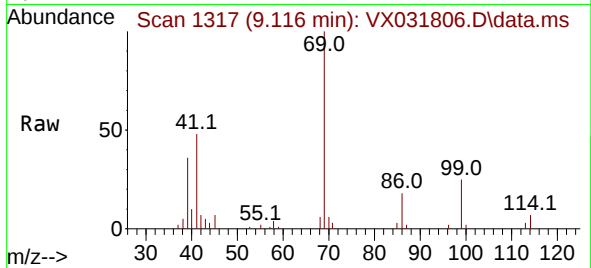




#51
Ethyl methacrylate
Concen: 4.630 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

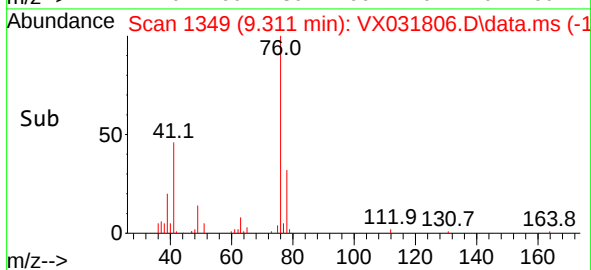
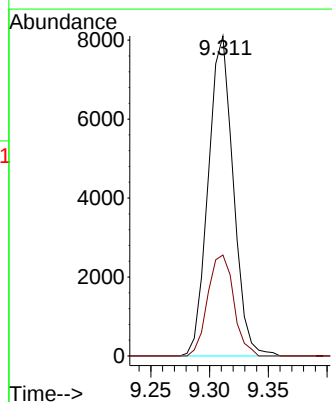
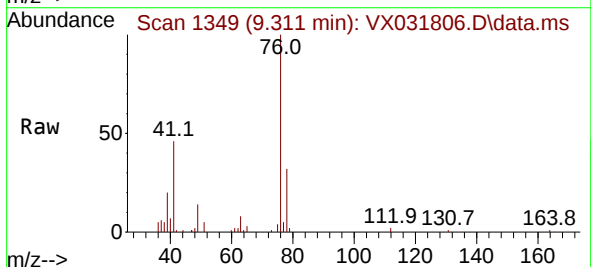
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

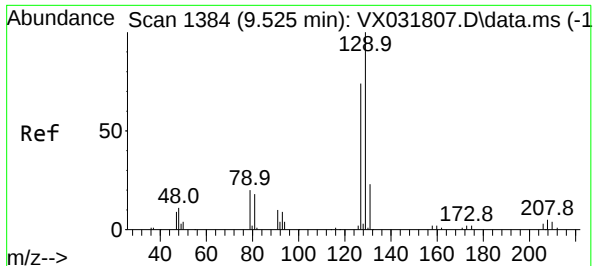
Tgt Ion: 69 Resp: 9303
Ion Ratio Lower Upper
69 100
41 47.7 25.9 77.7
39 35.4 17.8 53.3



#52
1,3-Dichloropropane
Concen: 5.058 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 76 Resp: 12014
Ion Ratio Lower Upper
76 100
78 32.8 0.0 66.0





#53

Dibromochloromethane

Concen: 4.124 ug/l

RT: 9.519 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

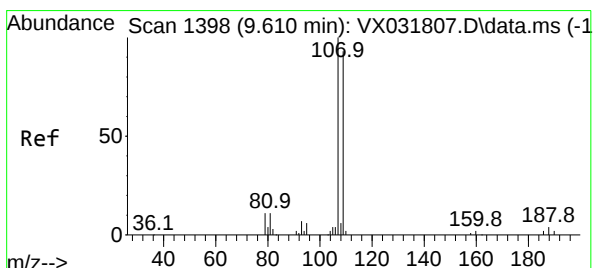
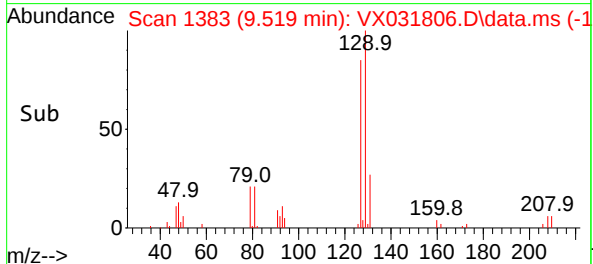
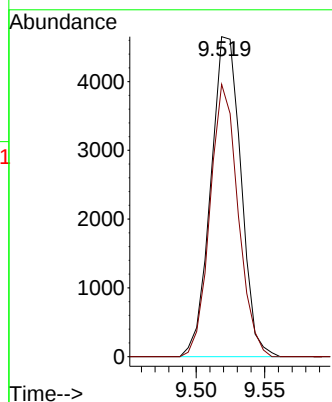
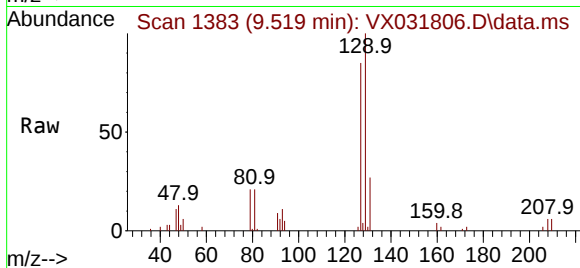
VSTDIC005

Tgt Ion:129 Resp: 7119

Ion Ratio Lower Upper

129 100

127 79.2 39.0 117.0



#54

1,2-Dibromoethane

Concen: 4.924 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX031806.D

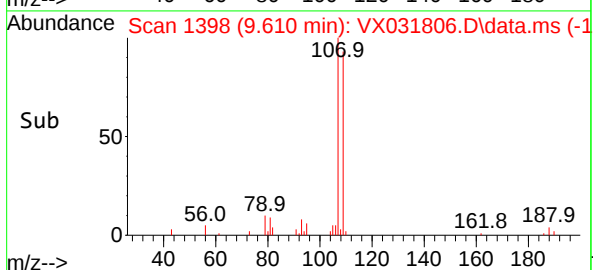
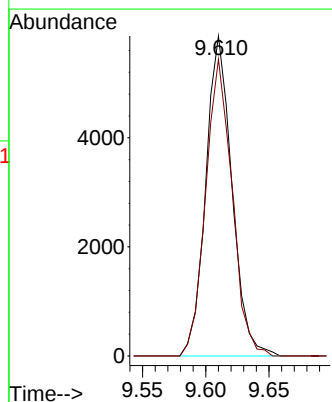
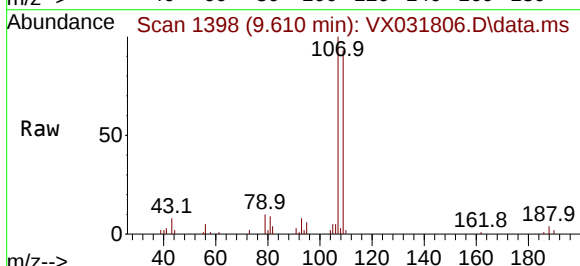
Acq: 30 Sep 2022 11:25

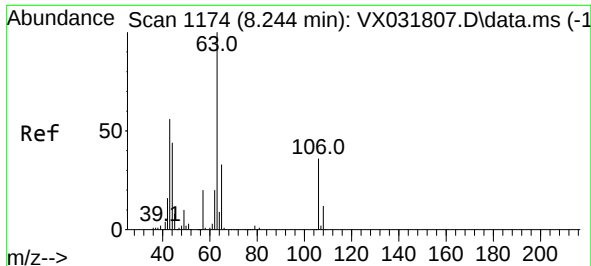
Tgt Ion:107 Resp: 8455

Ion Ratio Lower Upper

107 100

109 93.6 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 25.221 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

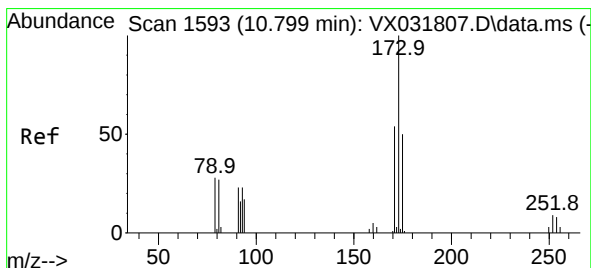
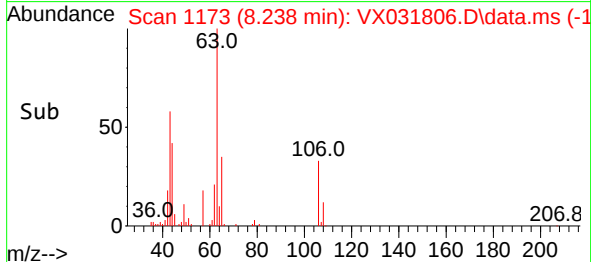
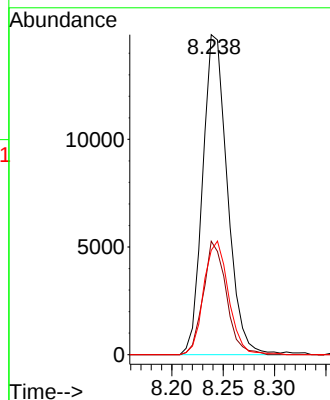
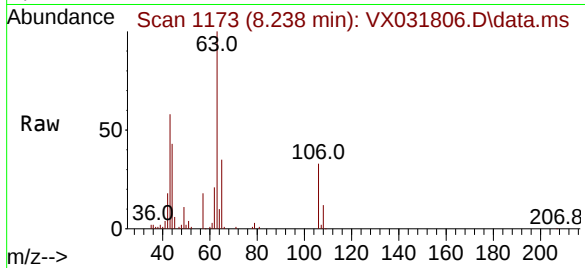
Tgt Ion: 63 Resp: 24849

Ion Ratio Lower Upper

63 100

65 33.1 25.5 38.3

106 35.7 28.9 43.3



#56

Bromoform

Concen: 3.528 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

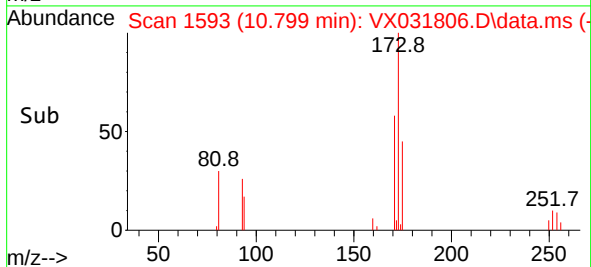
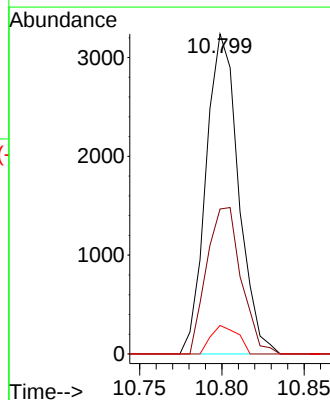
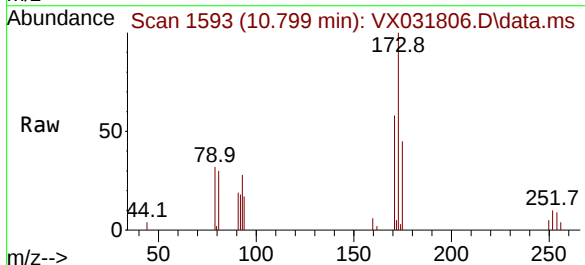
Tgt Ion: 173 Resp: 4463

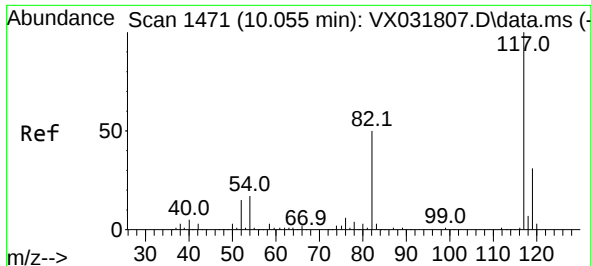
Ion Ratio Lower Upper

173 100

175 48.6 38.6 58.0

254 7.3 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: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

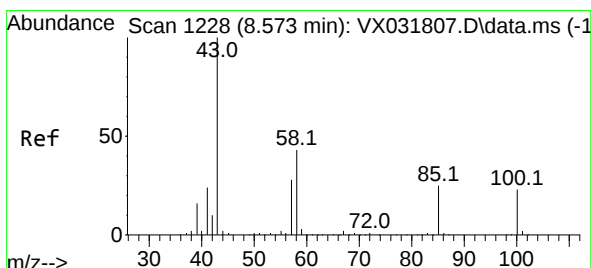
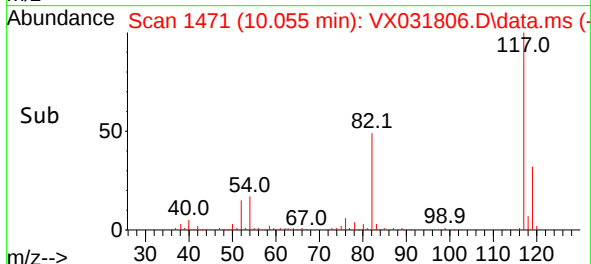
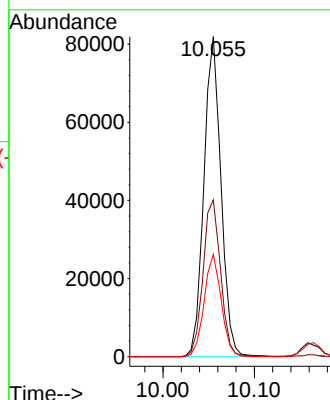
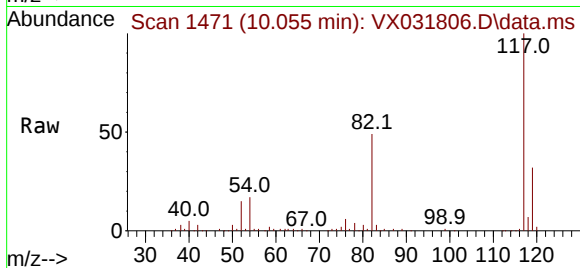
Tgt Ion:117 Resp: 106680

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

119 31.9 26.0 39.0



#58

4-Methyl-2-Pentanone

Concen: 26.128 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

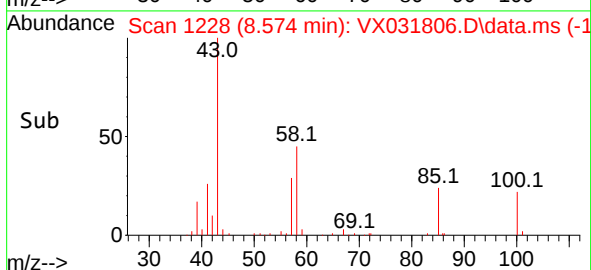
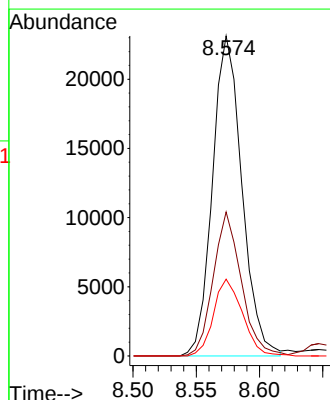
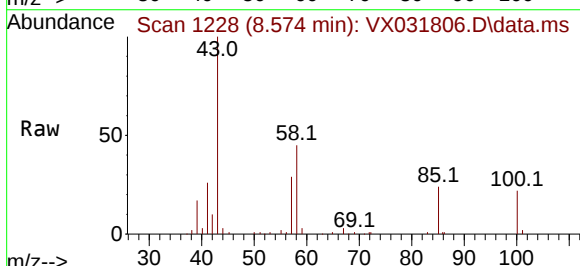
Tgt Ion: 43 Resp: 37473

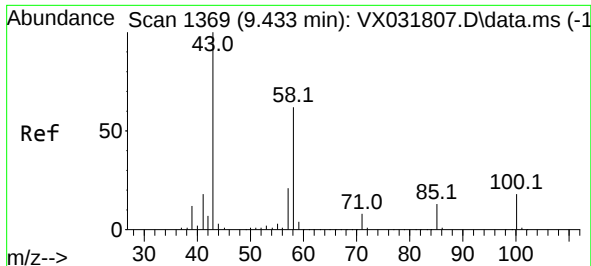
Ion Ratio Lower Upper

43 100

58 42.8 34.9 52.3

85 23.6 19.4 29.2





#59

2-Hexanone

Concen: 26.395 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

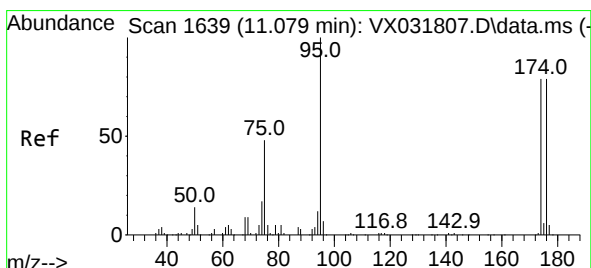
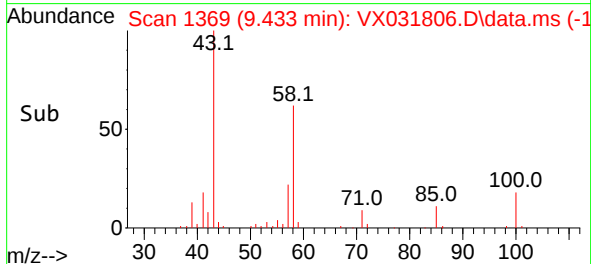
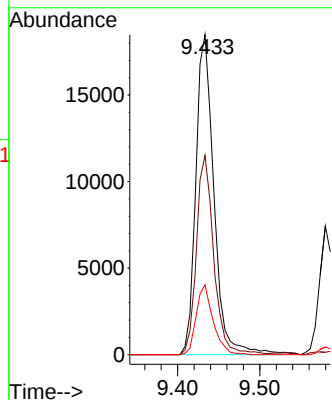
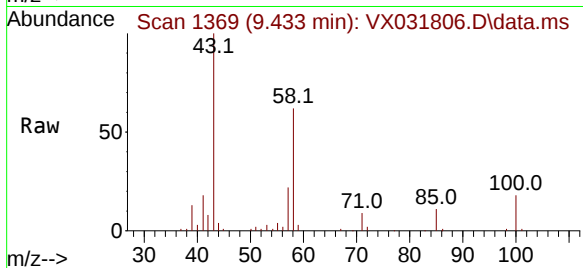
Tgt Ion: 43 Resp: 28313

Ion Ratio Lower Upper

43 100

58 59.5 49.0 73.6

57 20.3 17.0 25.4



#60

4-Bromofluorobenzene

Concen: 29.559 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

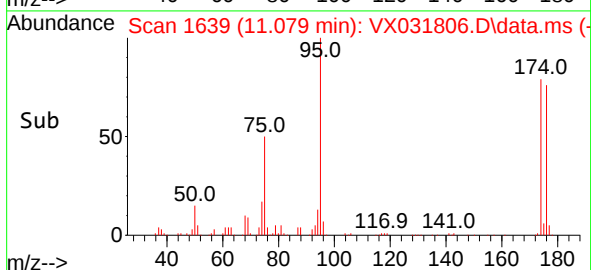
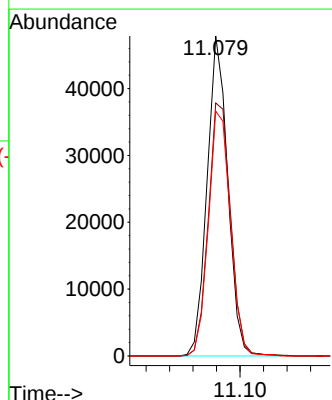
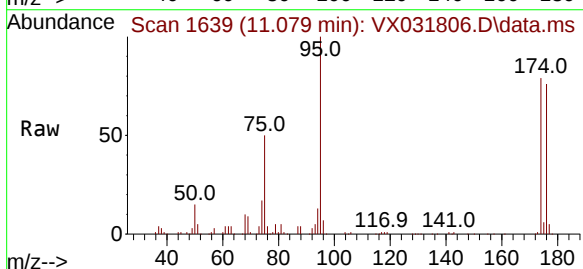
Tgt Ion: 95 Resp: 58374

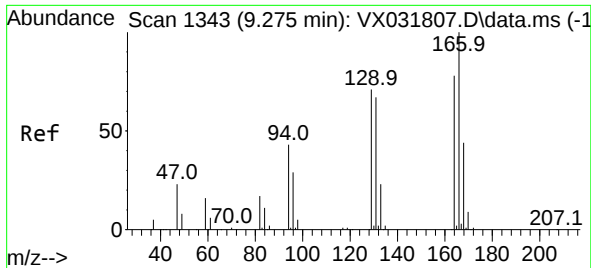
Ion Ratio Lower Upper

95 100

174 85.7 68.2 102.2

176 81.6 68.1 102.1

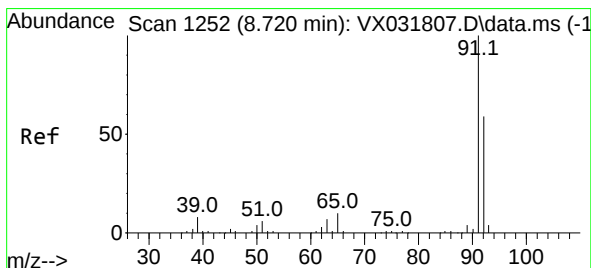
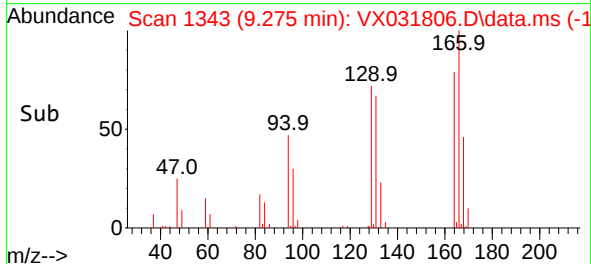
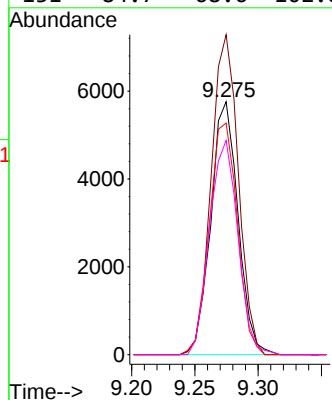
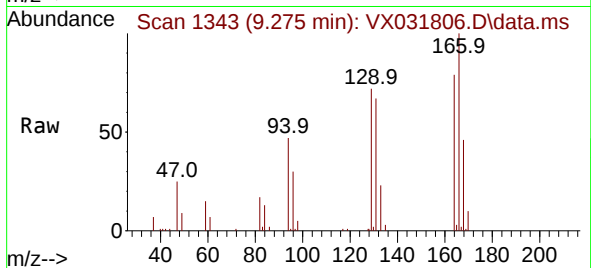




#61
Tetrachloroethene
Concen: 5.043 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

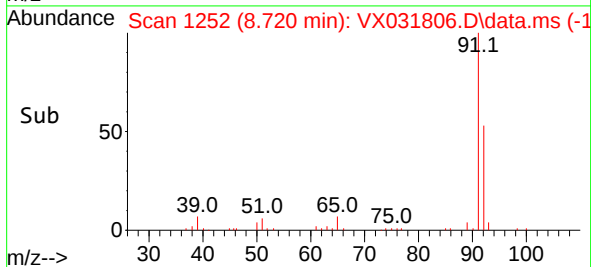
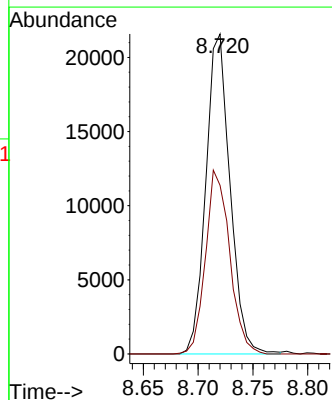
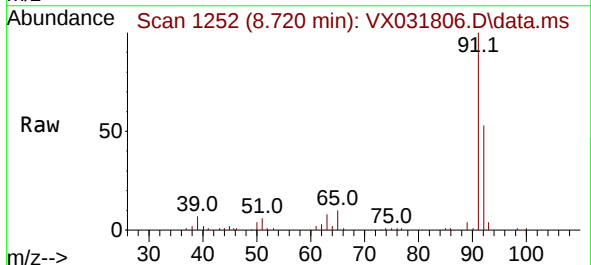
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

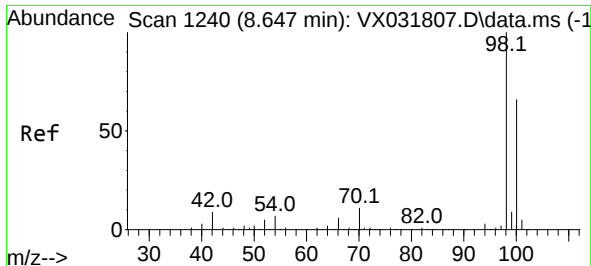
Tgt Ion:164 Resp: 8639
Ion Ratio Lower Upper
164 100
166 126.5 102.8 154.2
129 91.5 73.0 109.4
131 84.7 68.6 102.8



#62
Toluene
Concen: 5.418 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 91 Resp: 33092
Ion Ratio Lower Upper
91 100
92 57.5 47.3 70.9

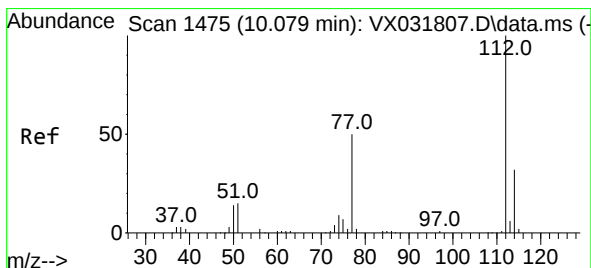
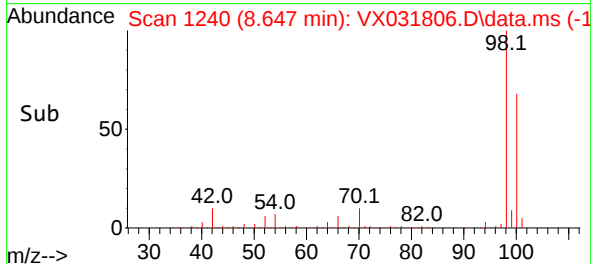
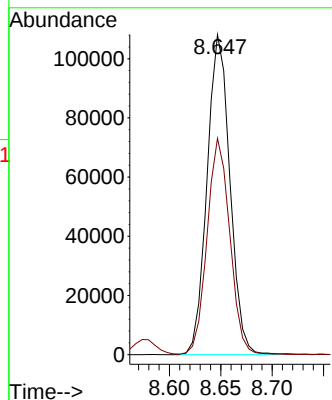
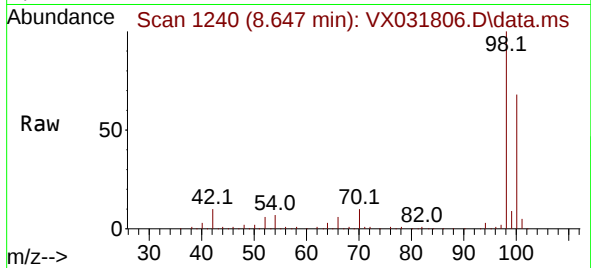




#63
Toluene-d8
Concen: 30.849 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

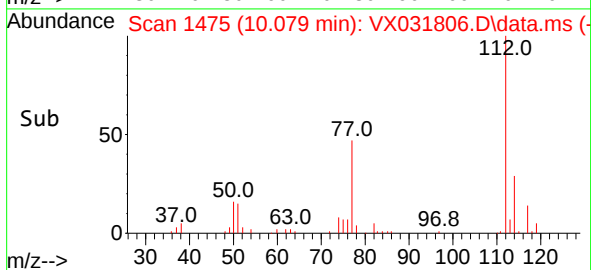
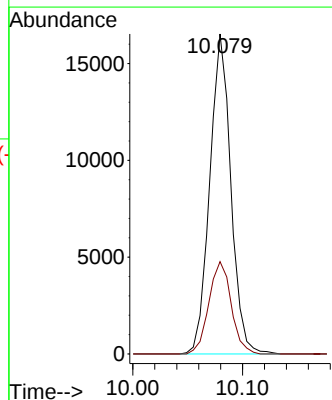
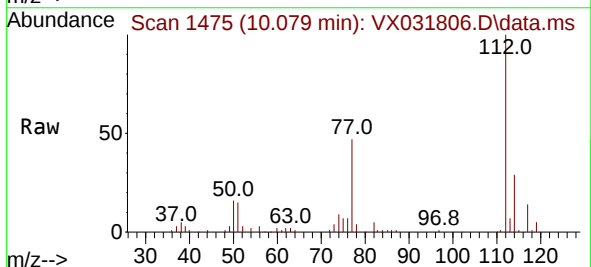
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

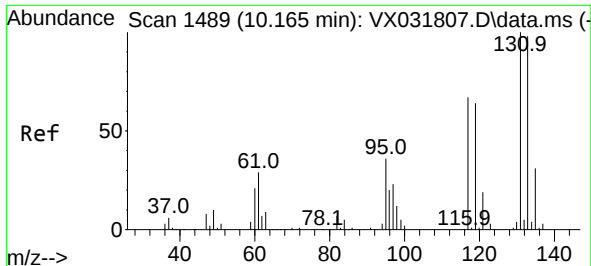
Tgt Ion: 98 Resp: 167189
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8



#64
Chlorobenzene
Concen: 5.294 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 112 Resp: 22061
Ion Ratio Lower Upper
112 100
114 28.9 25.7 38.5

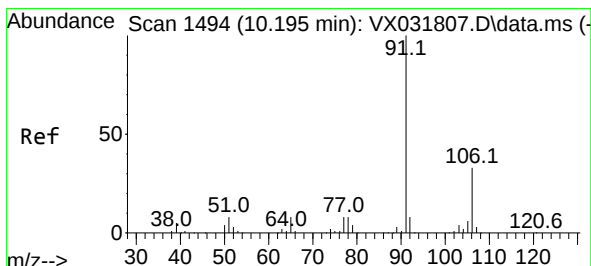
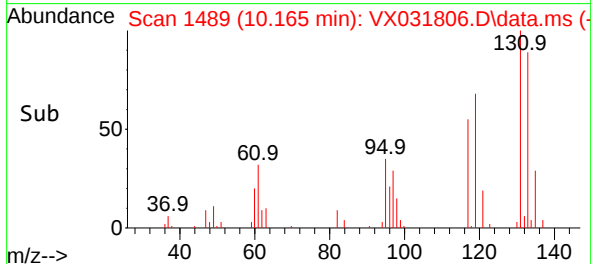
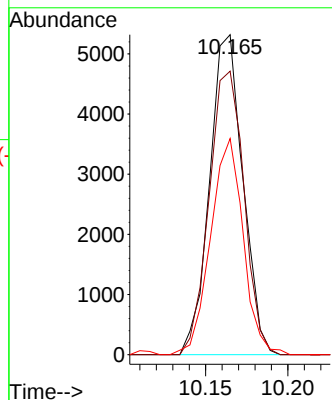
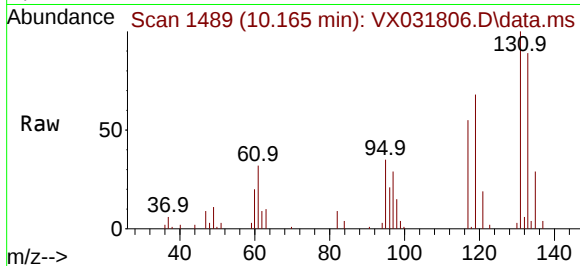




#65
1,1,1,2-Tetrachloroethane
Concen: 4.744 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

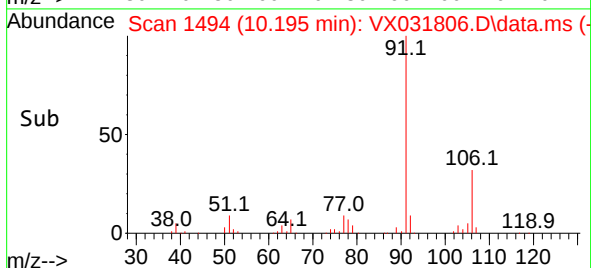
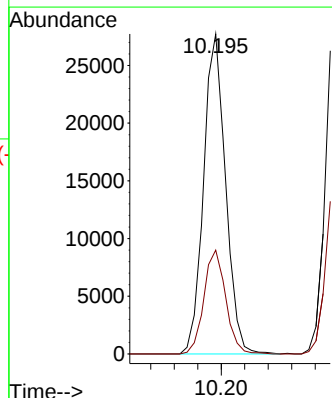
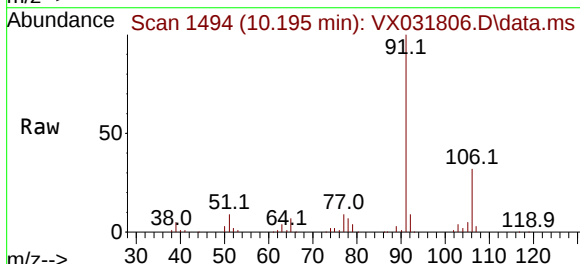
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

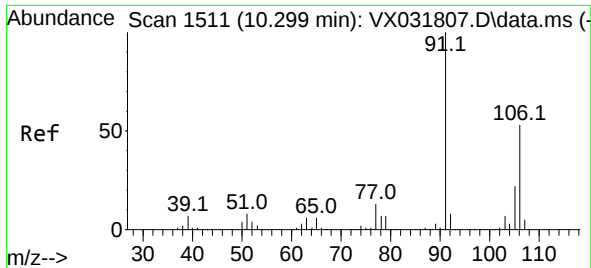
Tgt Ion:	131	Resp:	7495
Ion	Ratio	Lower	Upper
131	100		
133	92.7	0.0	189.4
119	66.1	0.0	127.0



#66
Ethyl Benzene
Concen: 5.233 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion:	91	Resp:	36025
Ion	Ratio	Lower	Upper
91	100		
106	32.4	26.7	40.1

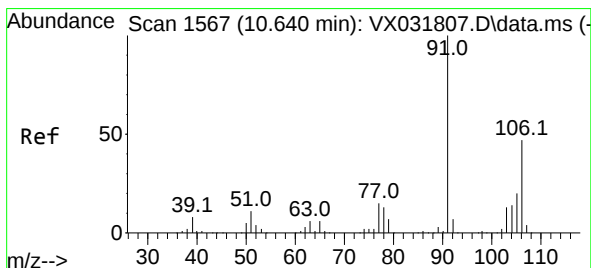
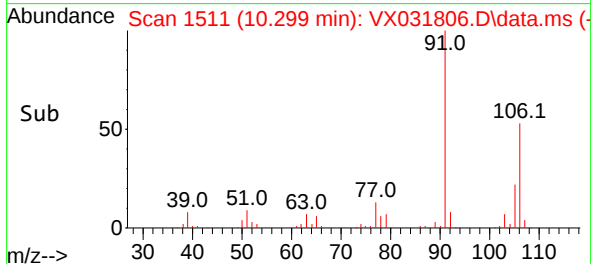
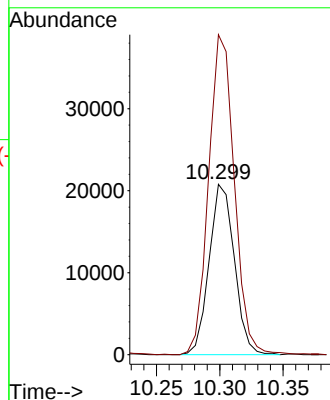
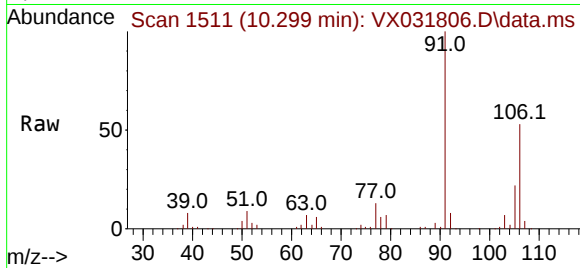




#67
m/p-Xylenes
Concen: 10.057 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

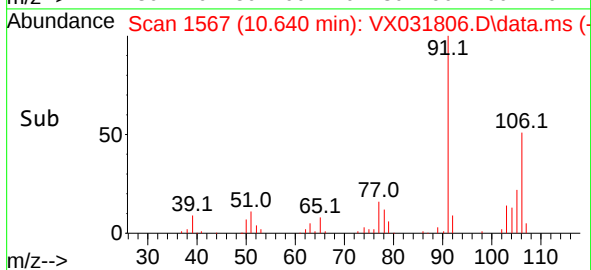
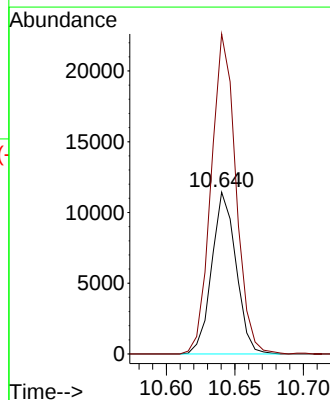
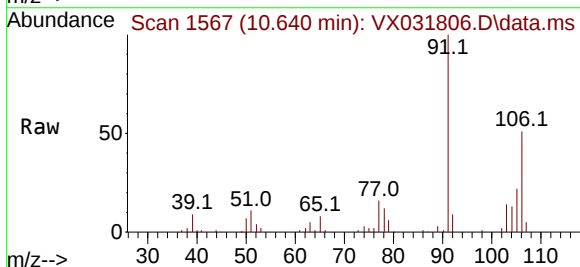
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

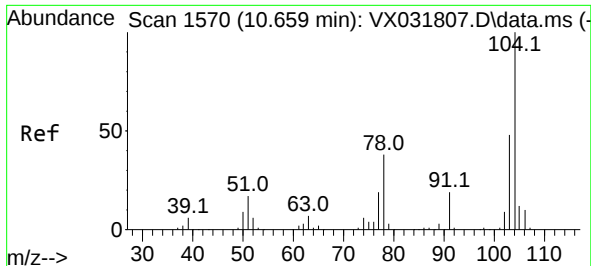
Tgt Ion:106 Resp: 28827
Ion Ratio Lower Upper
106 100
91 191.7 152.3 228.5



#68
o-Xylene
Concen: 5.001 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion:106 Resp: 14074
Ion Ratio Lower Upper
106 100
91 201.4 101.9 305.7





#69

Styrene

Concen: 4.686 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

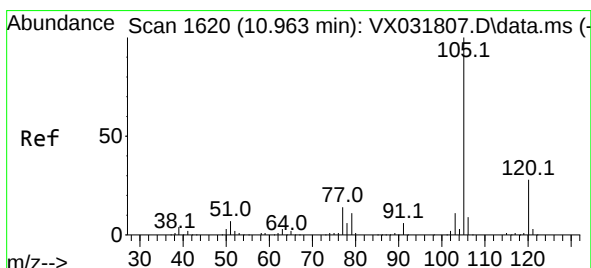
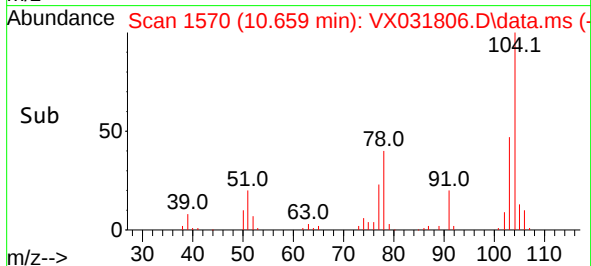
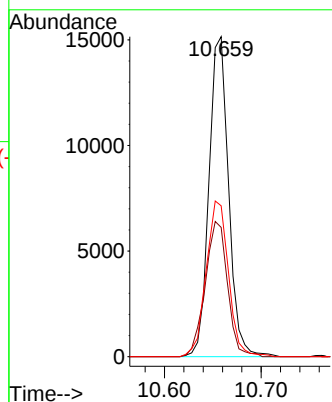
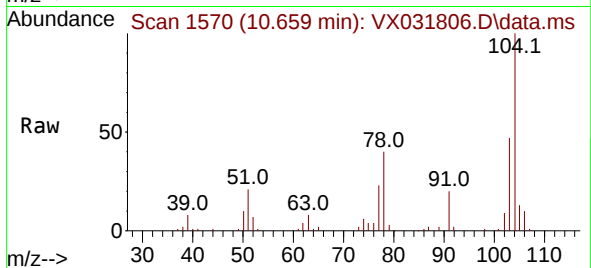
Tgt Ion:104 Resp: 21421

Ion Ratio Lower Upper

104 100

78 47.9 36.6 55.0

103 55.3 43.3 64.9



#70

Isopropylbenzene

Concen: 4.955 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031806.D

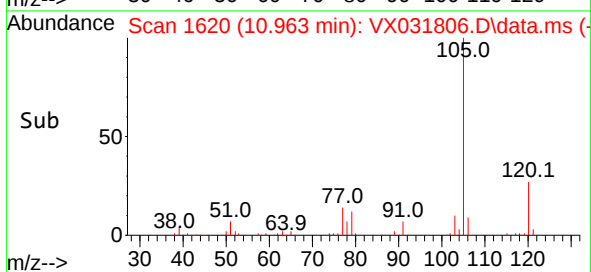
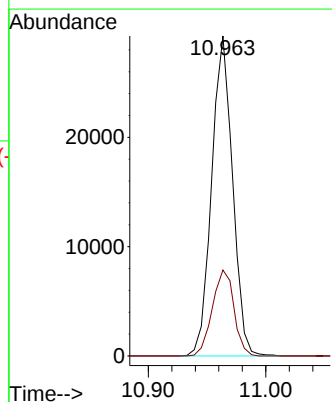
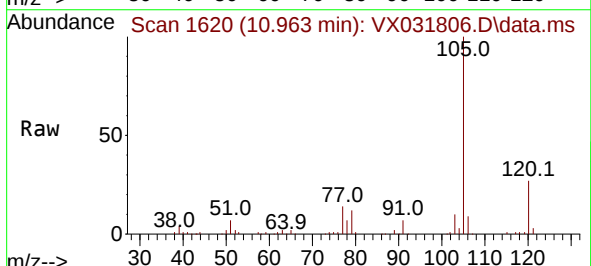
Acq: 30 Sep 2022 11:25

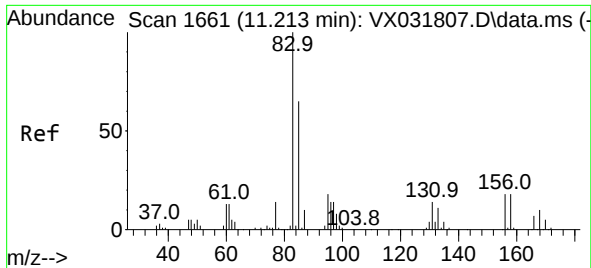
Tgt Ion:105 Resp: 36237

Ion Ratio Lower Upper

105 100

120 27.7 19.3 35.9

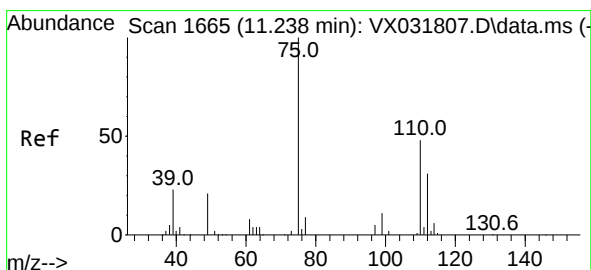
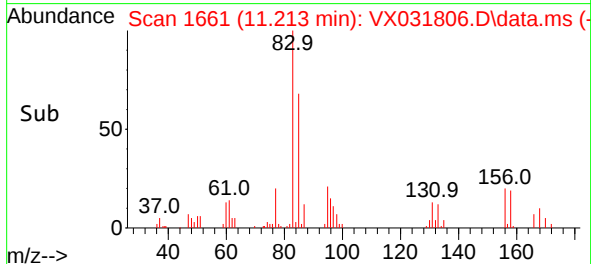
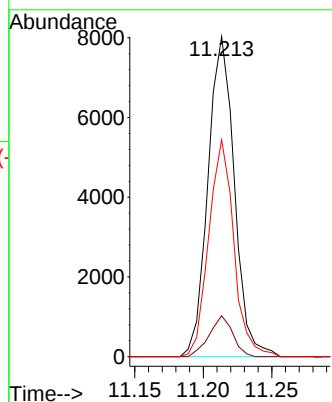
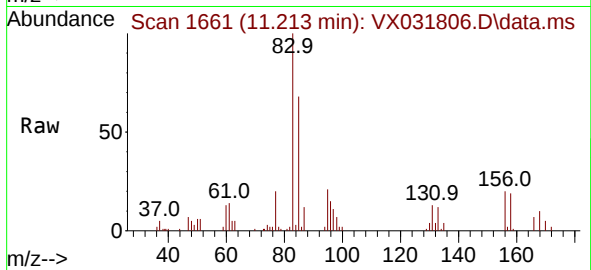




#71
1,1,2,2-Tetrachloroethane
Concen: 5.157 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

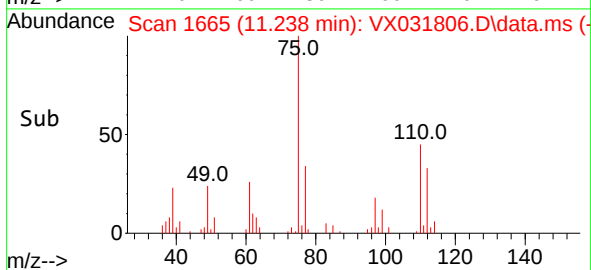
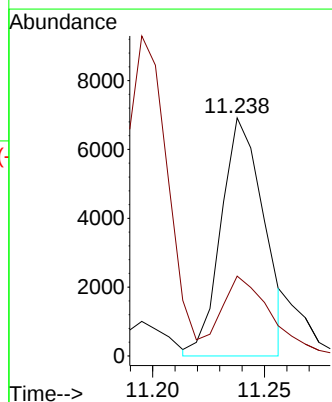
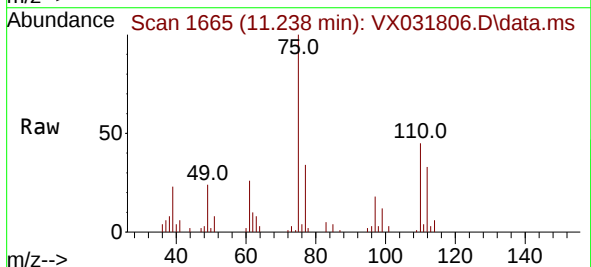
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

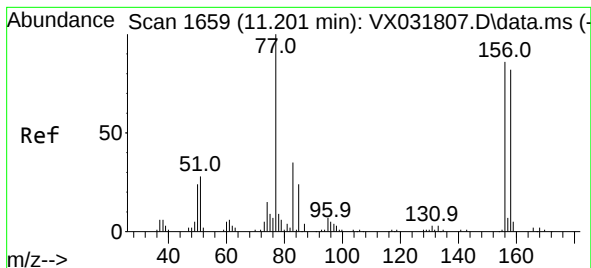
Tgt Ion: 83 Resp: 10751
Ion Ratio Lower Upper
83 100
131 11.4 6.0 18.1
85 64.3 32.8 98.3



#72
1,2,3-Trichloropropane
Concen: 5.124 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 75 Resp: 9178
Ion Ratio Lower Upper
75 100
77 40.0 0.0 76.6





#73

Bromobenzene

Concen: 4.658 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

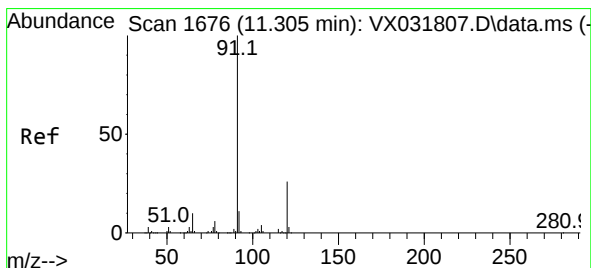
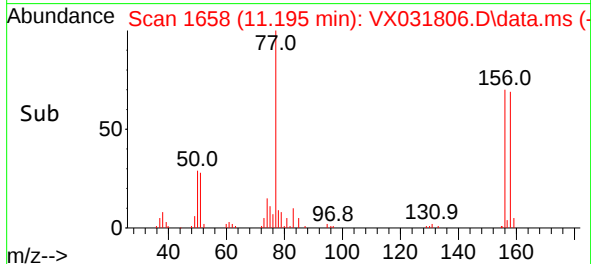
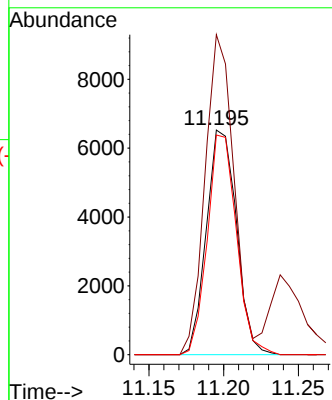
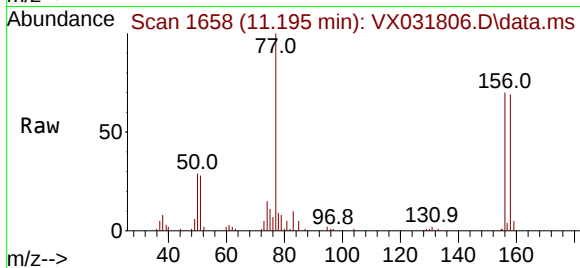
Tgt Ion:156 Resp: 9137

Ion Ratio Lower Upper

156 100

77 135.5 0.0 259.2

158 94.7 0.0 193.2



#74

n-propylbenzene

Concen: 4.960 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX031806.D

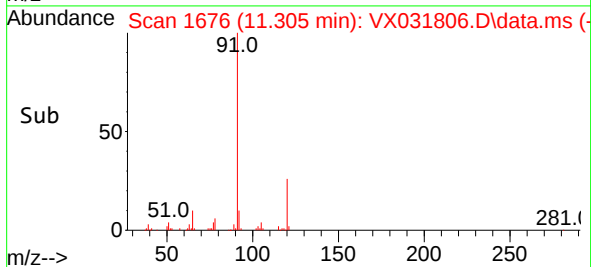
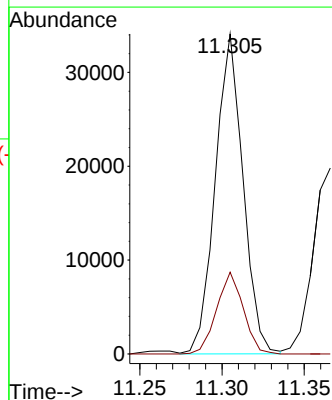
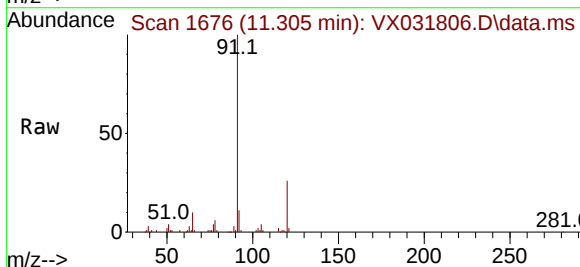
Acq: 30 Sep 2022 11:25

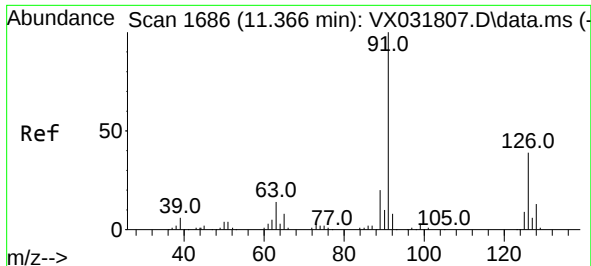
Tgt Ion: 91 Resp: 39878

Ion Ratio Lower Upper

91 100

120 24.6 0.0 51.0

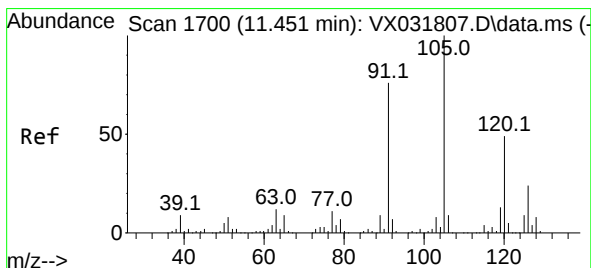
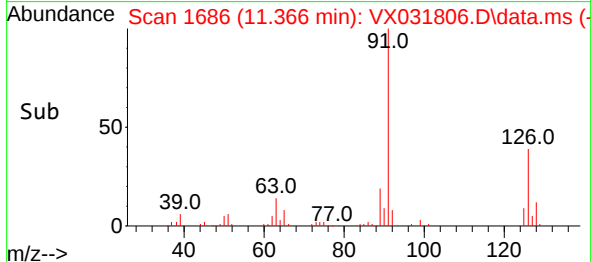
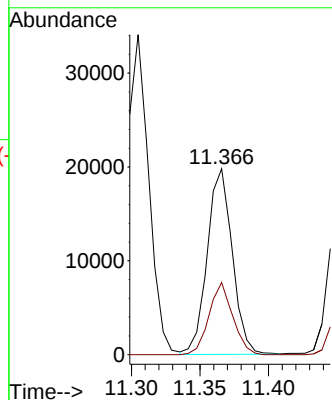
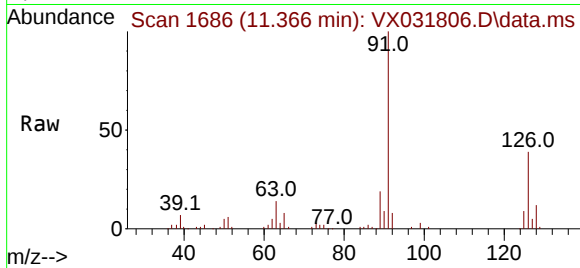




#75
2-Chlorotoluene
Concen: 5.221 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

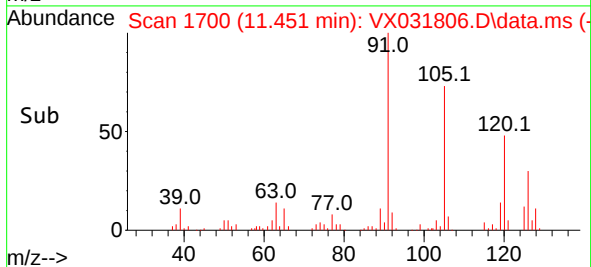
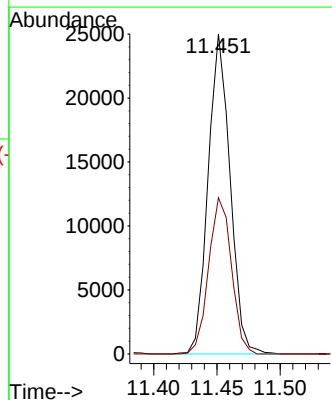
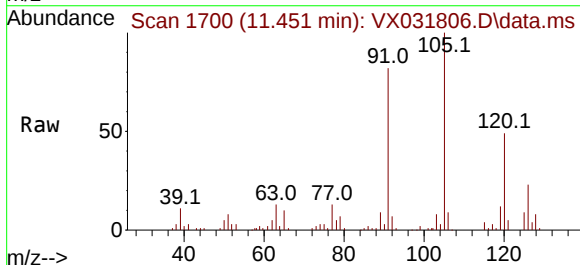
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

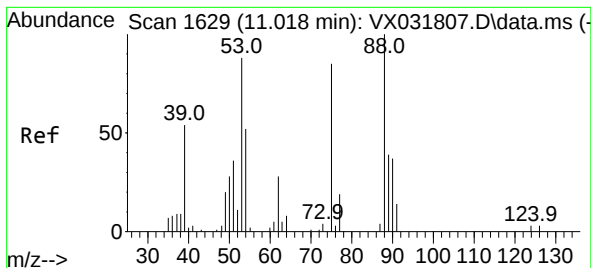
Tgt Ion: 91 Resp: 25235
Ion Ratio Lower Upper
91 100
126 36.8 0.0 76.4



#76
1,3,5-Trimethylbenzene
Concen: 4.889 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 105 Resp: 30140
Ion Ratio Lower Upper
105 100
120 50.8 0.0 100.6

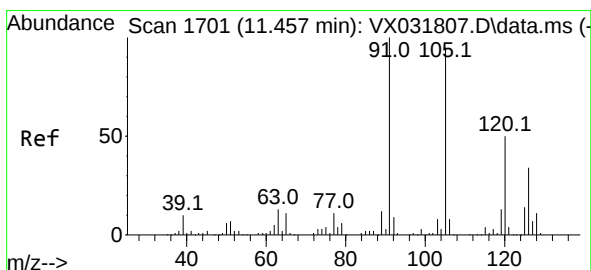
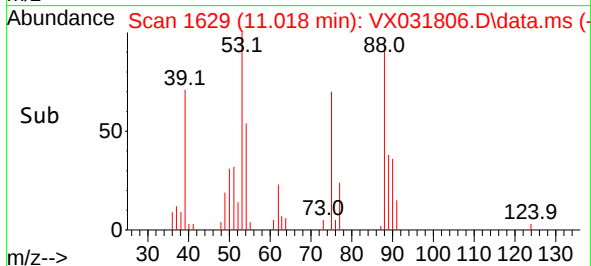
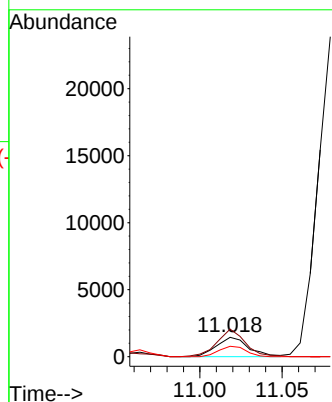
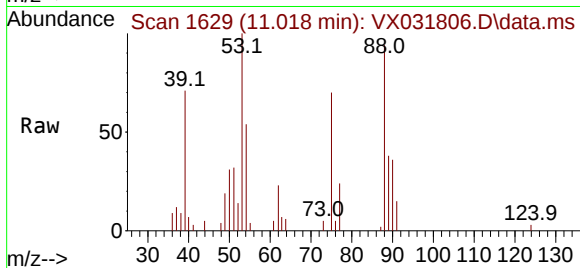




#77
t-1,4-Dichloro-2-butene
Concen: 3.757 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

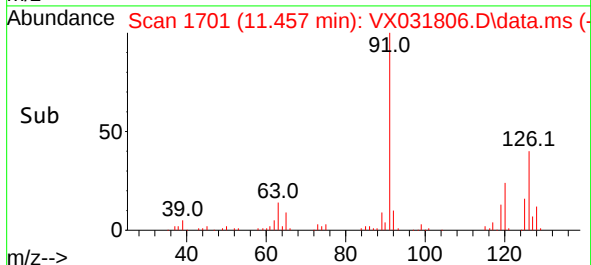
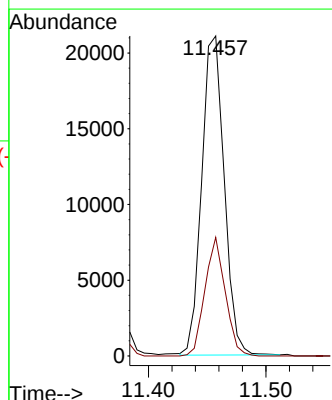
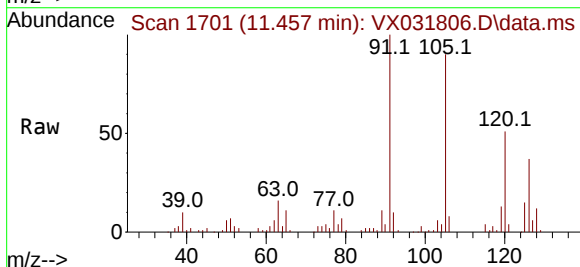
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

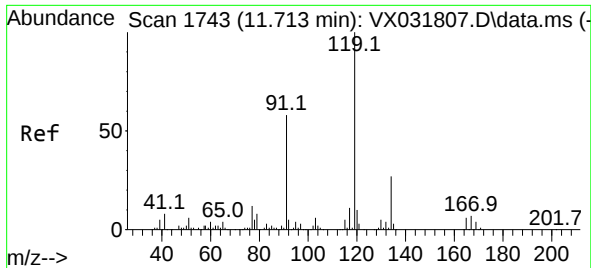
Tgt Ion: 75 Resp: 1967
Ion Ratio Lower Upper
75 100
53 141.9 51.8 155.4
89 54.0 22.9 68.8



#78
4-Chlorotoluene
Concen: 5.090 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion: 91 Resp: 28048
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.0

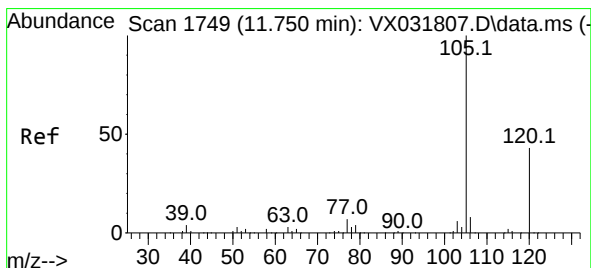
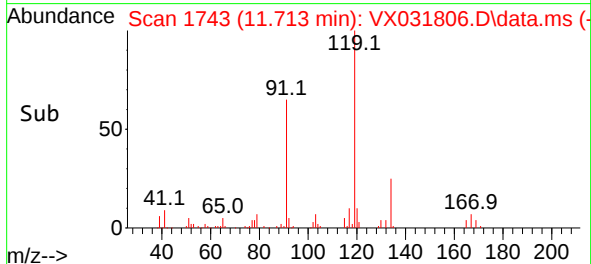
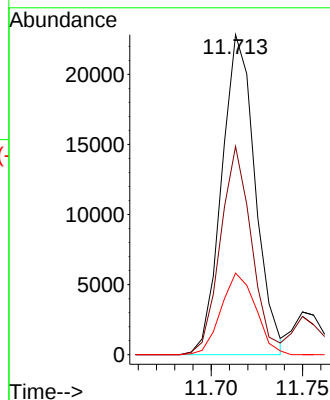
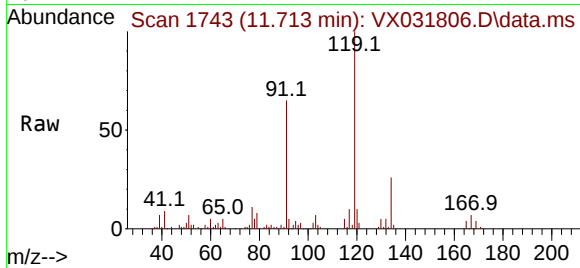




#79
tert-butylbenzene
Concen: 4.693 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

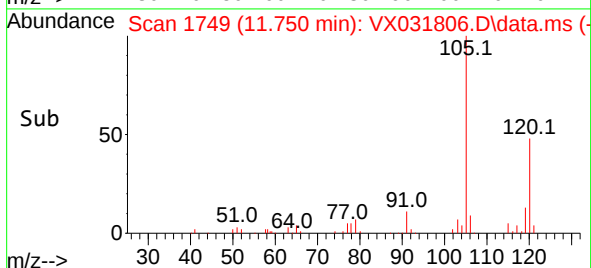
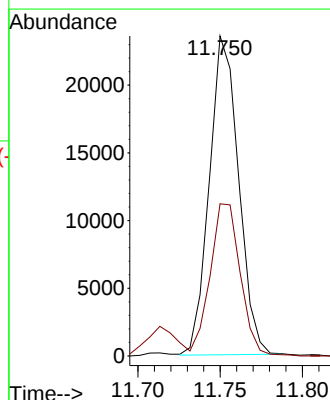
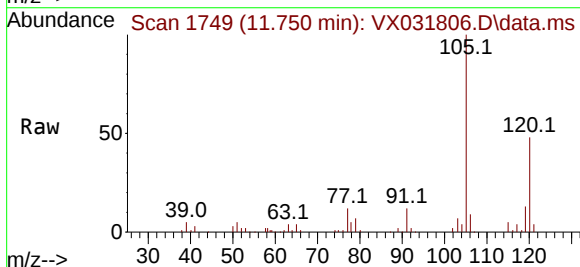
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

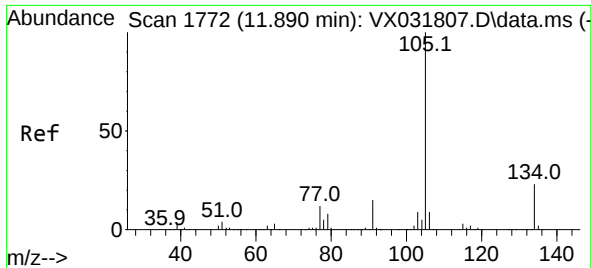
Tgt Ion:119 Resp: 29084
Ion Ratio Lower Upper
119 100
91 60.9 0.0 112.0
134 26.3 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 4.768 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion:105 Resp: 29150
Ion Ratio Lower Upper
105 100
120 49.2 0.0 95.0

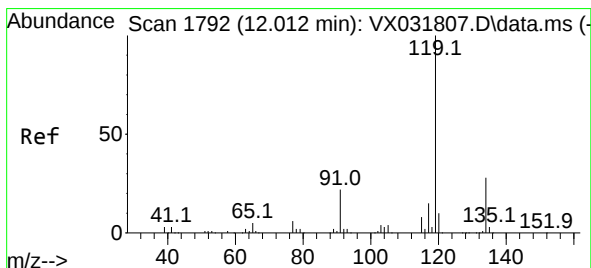
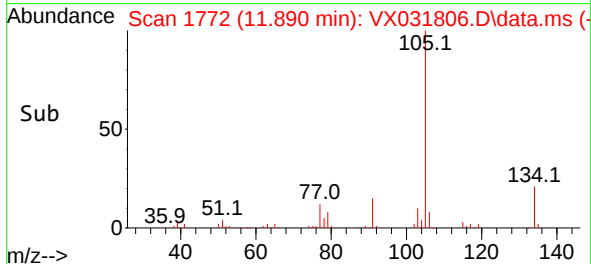
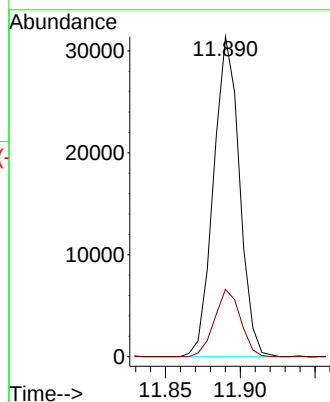
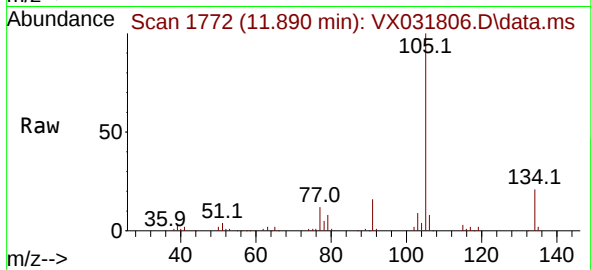




#81
 sec-Butylbenzene
 Concen: 4.989 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031806.D
 Acq: 30 Sep 2022 11:25

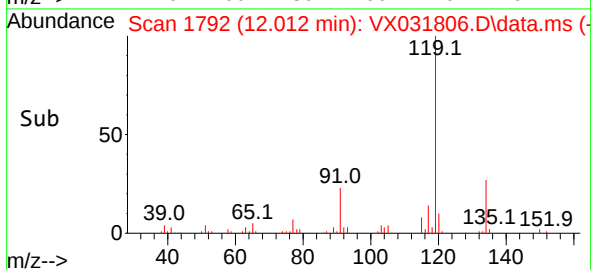
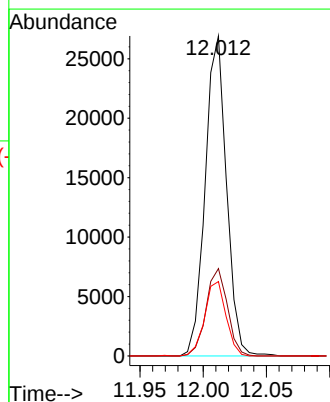
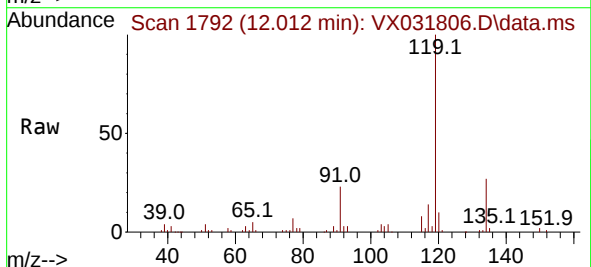
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

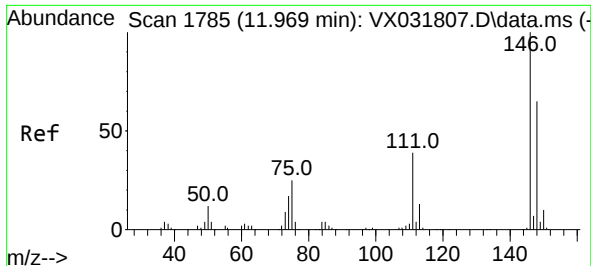
Tgt Ion:105 Resp: 37861
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 44.4



#82
 p-Isopropyltoluene
 Concen: 4.739 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031806.D
 Acq: 30 Sep 2022 11:25

Tgt Ion:119 Resp: 31612
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 55.4
 91 23.2 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 4.676 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

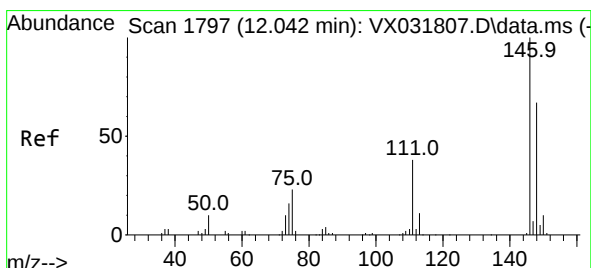
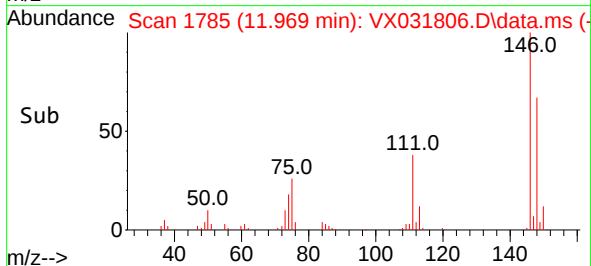
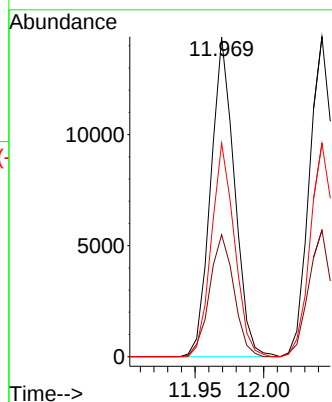
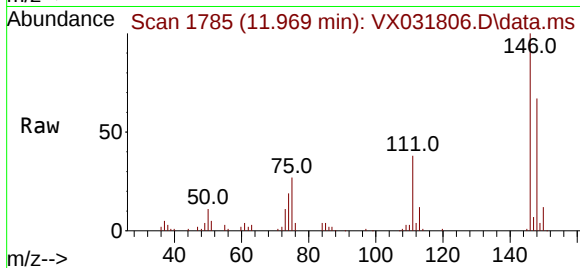
Tgt Ion:146 Resp: 17356

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

148 65.0 32.6 97.7



#84

1,4-Dichlorobenzene

Concen: 4.751 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

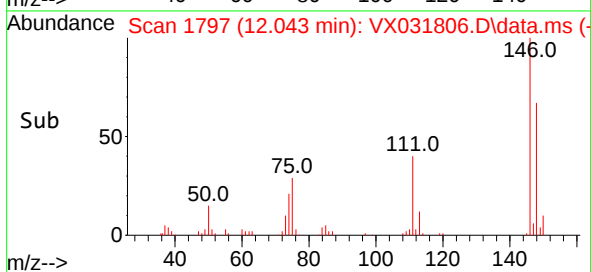
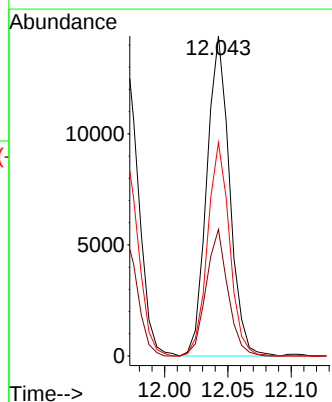
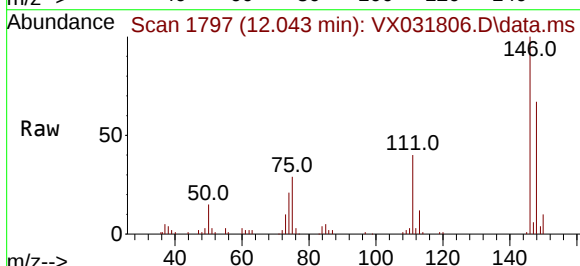
Tgt Ion:146 Resp: 18084

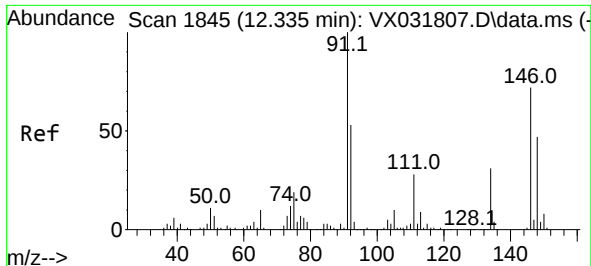
Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.5

148 64.2 31.6 95.0





#85

n-Butylbenzene

Concen: 4.797 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

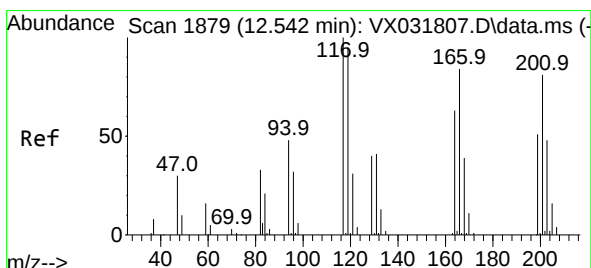
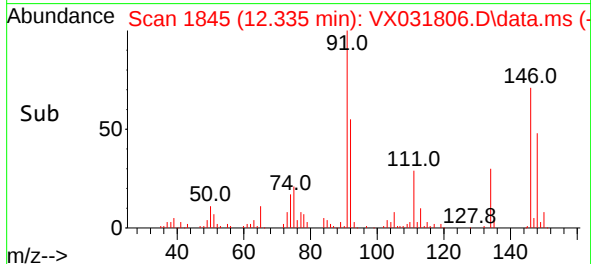
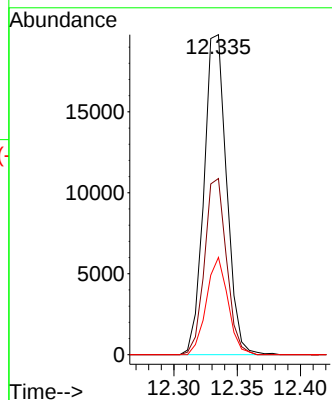
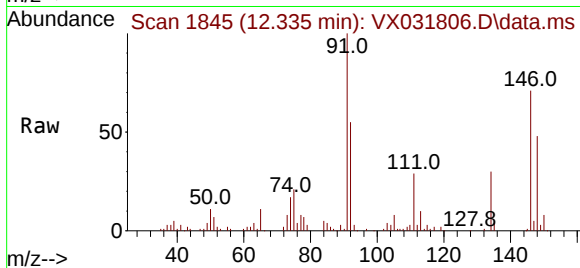
Tgt Ion: 91 Resp: 24672

Ion Ratio Lower Upper

91 100

92 53.4 0.0 108.4

134 29.0 0.0 60.6



#86

Hexachloroethane

Concen: 4.103 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX031806.D

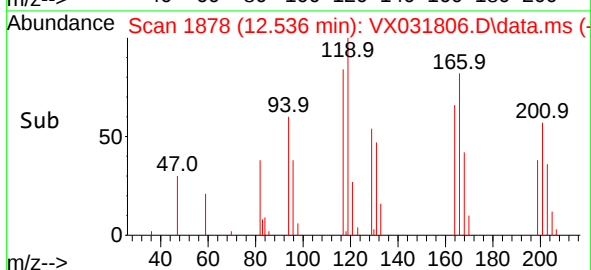
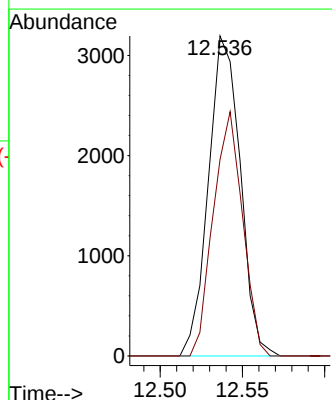
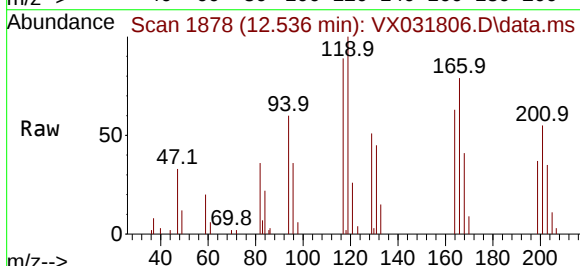
Acq: 30 Sep 2022 11:25

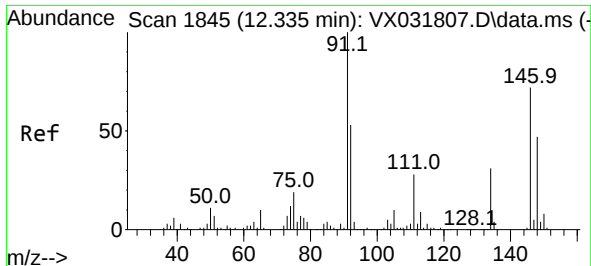
Tgt Ion: 117 Resp: 4296

Ion Ratio Lower Upper

117 100

201 70.3 37.7 113.1

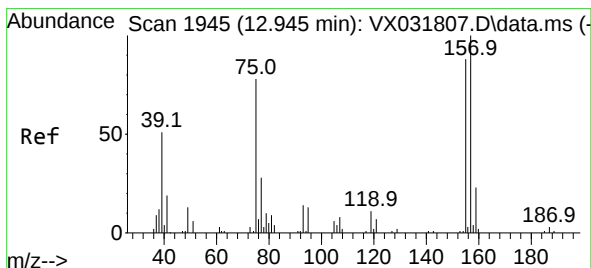
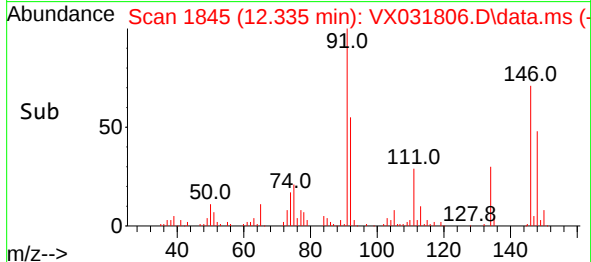
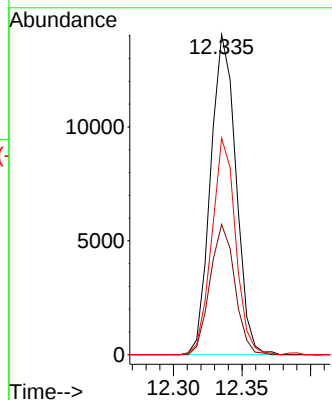
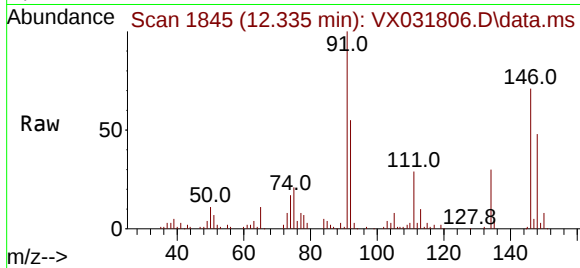




#87
 1,2-Dichlorobenzene
 Concen: 4.879 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX031806.D
 Acq: 30 Sep 2022 11:25

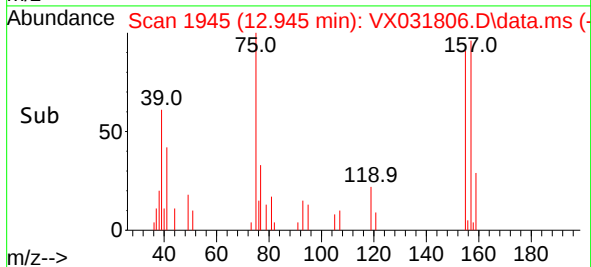
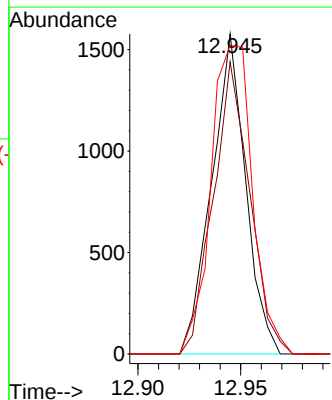
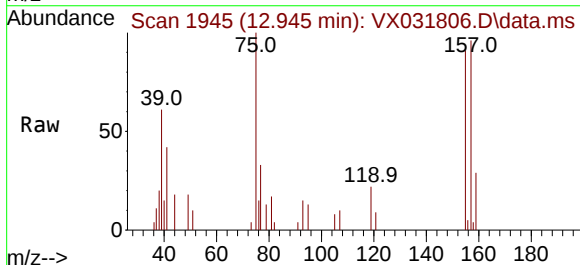
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

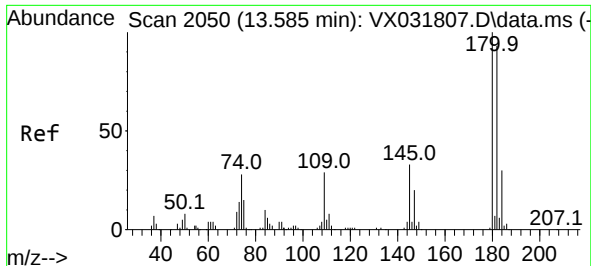
Tgt Ion:146 Resp: 18069
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 63.7 33.0 99.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.339 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX031806.D
 Acq: 30 Sep 2022 11:25

Tgt Ion: 75 Resp: 1815
 Ion Ratio Lower Upper
 75 100
 155 98.1 85.0 127.6
 157 118.0 101.0 151.6





#89

1,2,4-Trichlorobenzene

Concen: 4.659 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

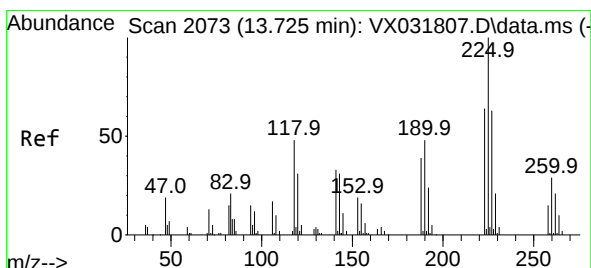
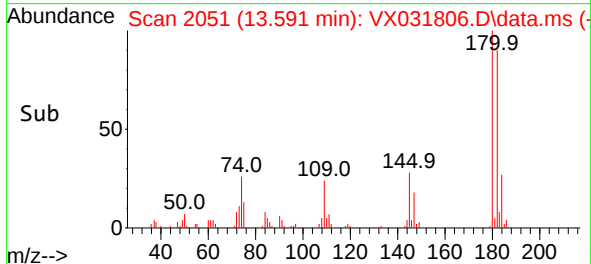
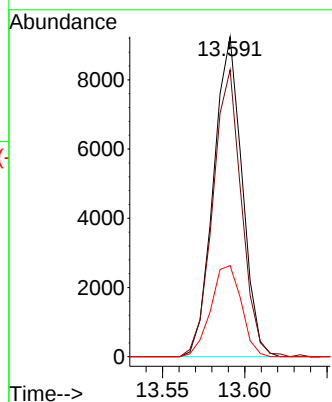
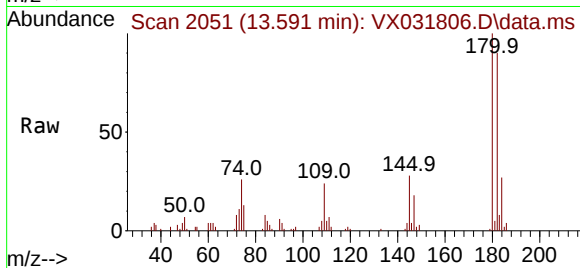
Tgt Ion:180 Resp: 11164

Ion Ratio Lower Upper

180 100

182 89.9 75.3 112.9

145 30.4 25.9 38.9



#90

Hexachlorobutadiene

Concen: 5.089 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX031806.D

Acq: 30 Sep 2022 11:25

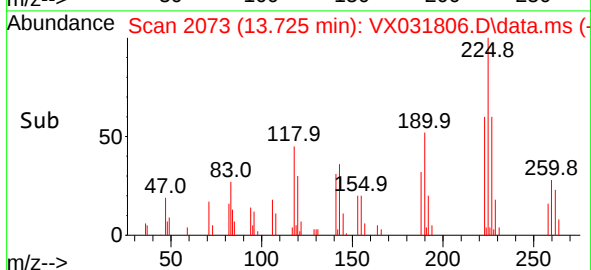
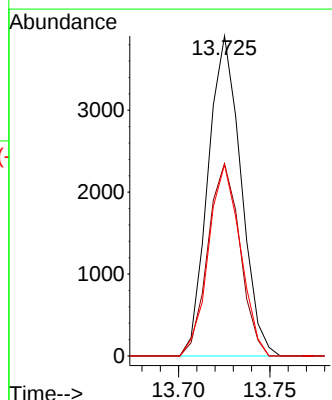
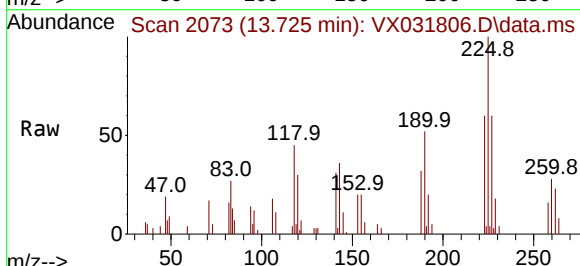
Tgt Ion:225 Resp: 4899

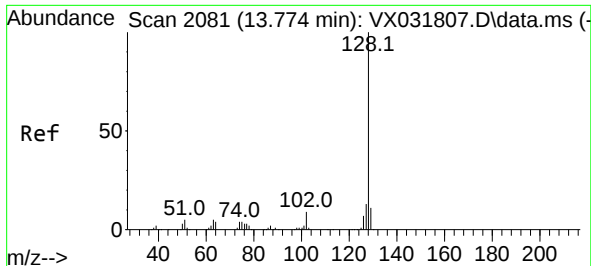
Ion Ratio Lower Upper

225 100

223 58.6 0.0 126.0

227 58.0 0.0 127.6

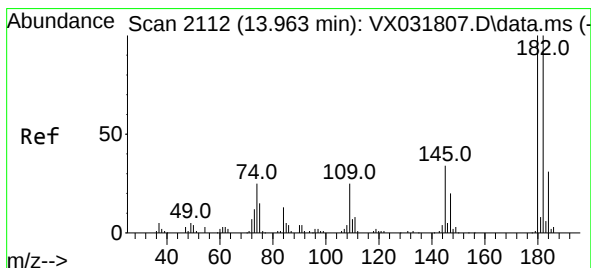
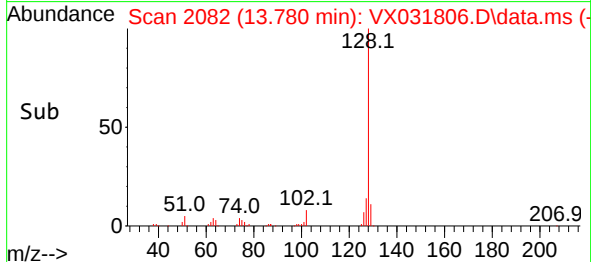
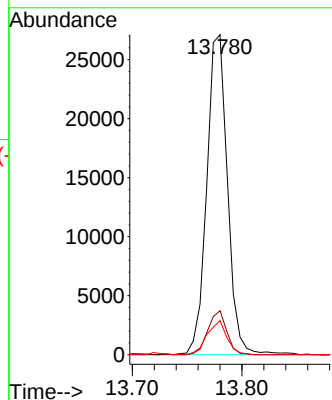
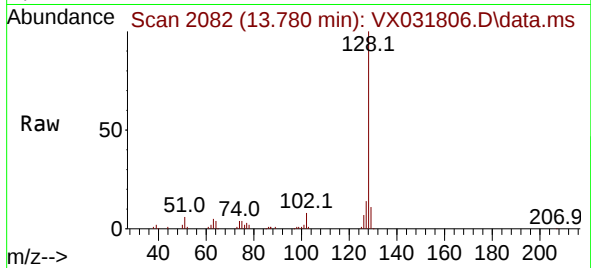




#91
Naphthalene
Concen: 4.643 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	35596
Ion Ratio	Lower	Upper
128	100	
127	12.4	9.9 14.9
129	10.2	8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 4.571 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031806.D
Acq: 30 Sep 2022 11:25

Tgt Ion:180	Resp:	10847
Ion Ratio	Lower	Upper
180	100	
182	94.8	0.0 199.0
145	34.1	0.0 68.2

