

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030941.D
 Acq On : 30 Aug 2022 16:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 06 01:10:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	321209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138015	51.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.580%	
35) Dibromofluoromethane	5.385	113	120628	50.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	8.653	98	438933	50.056	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	11.085	95	161223	51.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	96115	48.897	ug/l	99
3) Chloromethane	1.288	50	88105	44.473	ug/l	99
4) Vinyl Chloride	1.374	62	104816	44.784	ug/l	99
5) Bromomethane	1.599	94	36119	49.909	ug/l	98
6) Chloroethane	1.679	64	62087	44.120	ug/l	96
7) Trichlorofluoromethane	1.880	101	160741	45.156	ug/l	96
8) Diethyl Ether	2.136	74	66504	48.410	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	106773	46.644	ug/l	99
10) Methyl Iodide	2.447	142	87006	41.728	ug/l	96
11) Tert butyl alcohol	2.977	59	168408	266.734	ug/l	100
12) 1,1-Dichloroethene	2.313	96	103361	45.775	ug/l	95
13) Acrolein	2.240	56	80510	251.157	ug/l	100
14) Allyl chloride	2.660	41	174397	47.605	ug/l	97
15) Acrylonitrile	3.069	53	371710	266.614	ug/l	99
16) Acetone	2.386	43	301048	250.299	ug/l	99
17) Carbon Disulfide	2.508	76	265756	44.594	ug/l	98
18) Methyl Acetate	2.709	43	176437	50.006	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	376563	51.201	ug/l	94
20) Methylene Chloride	2.788	84	127698	46.697	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	114734	46.861	ug/l	95
22) Diisopropyl ether	3.764	45	365211	48.381	ug/l	90
23) Vinyl Acetate	3.721	43	1583493	261.477	ug/l	98
24) 1,1-Dichloroethane	3.605	63	211381	47.817	ug/l	100
25) 2-Butanone	4.562	43	505897	259.825	ug/l	96
26) 2,2-Dichloropropane	4.477	77	139113	41.760	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	136917	48.527	ug/l	99
28) Bromochloromethane	4.898	49	71199	49.791	ug/l	91
29) Tetrahydrofuran	5.013	42	330351	262.270	ug/l	96
30) Chloroform	5.099	83	222019	48.413	ug/l	98
31) Cyclohexane	5.471	56	184361	46.742	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	179514	46.177	ug/l	97
36) 1,1-Dichloropropene	5.690	75	155545	44.198	ug/l	98
37) Ethyl Acetate	4.721	43	189407	51.194	ug/l	98
38) Carbon Tetrachloride	5.684	117	157092	46.888	ug/l	97
39) Methylcyclohexane	7.379	83	198168	46.036	ug/l	99
40) Benzene	6.038	78	477389	47.066	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	101191	50.356	ug/l	96
42) 1,2-Dichloroethane	6.086	62	166661	49.464	ug/l	100
43) Isopropyl Acetate	6.342	43	286100	49.833	ug/l	98
44) Trichloroethene	7.129	130	135512	45.350	ug/l	95
45) 1,2-Dichloropropane	7.434	63	128547	47.479	ug/l	98
46) Dibromomethane	7.580	93	90971	49.202	ug/l	98
47) Bromodichloromethane	7.824	83	171927	48.369	ug/l	96
48) Methyl methacrylate	7.696	41	143971	50.099	ug/l	93
49) 1,4-Dioxane	7.665	88	82154	1087.802	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	961470	253.733	ug/l	96
52) Toluene	8.720	92	303441	48.961	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	185436	51.703	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	204756	49.903	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	136082	50.620	ug/l	98
56) Ethyl methacrylate	9.116	69	209837	53.296	ug/l	91
57) 1,3-Dichloropropane	9.311	76	221372	49.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	542712	274.448	ug/l	100
59) 2-Hexanone	9.433	43	748187	265.524	ug/l	95
60) Dibromochloromethane	9.525	129	138926	51.998	ug/l	100
61) 1,2-Dibromoethane	9.610	107	144543	52.078	ug/l	98
64) Tetrachloroethene	9.275	164	129478	46.040	ug/l	98
65) Chlorobenzene	10.080	112	332252	47.258	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	121929	48.947	ug/l	98
67) Ethyl Benzene	10.195	91	603498	48.393	ug/l	100
68) m/p-Xylenes	10.305	106	459543	97.286	ug/l	97
69) o-Xylene	10.647	106	229912	49.731	ug/l	97
70) Styrene	10.659	104	383725	49.168	ug/l	99
71) Bromoform	10.805	173	102244	52.308	ug/l #	99
73) Isopropylbenzene	10.964	105	585097	47.422	ug/l	100
74) N-amyl acetate	10.848	43	254756	53.408	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	210514	49.803	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	240771	62.711	ug/l	87
77) Bromobenzene	11.201	156	146104	48.867	ug/l	95
78) n-propylbenzene	11.305	91	689042	47.653	ug/l	98
79) 2-Chlorotoluene	11.366	91	412950	45.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	508159	48.879	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64579	50.009	ug/l	95
82) 4-Chlorotoluene	11.457	91	475976	47.408	ug/l	100
83) tert-Butylbenzene	11.720	119	495299	48.532	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	537959	50.545	ug/l	97
85) sec-Butylbenzene	11.890	105	639080	48.246	ug/l	99
86) p-Isopropyltoluene	12.012	119	540440	49.180	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	280264	47.542	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	295023	48.810	ug/l	99
89) n-Butylbenzene	12.335	91	505250	49.124	ug/l	98
90) Hexachloroethane	12.543	117	95859	49.684	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	294752	49.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55222	52.372	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	194290	50.827	ug/l	98
94) Hexachlorobutadiene	13.725	225	79433	48.934	ug/l	100
95) Naphthalene	13.780	128	728969	53.323	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	195889	50.756	ug/l	100

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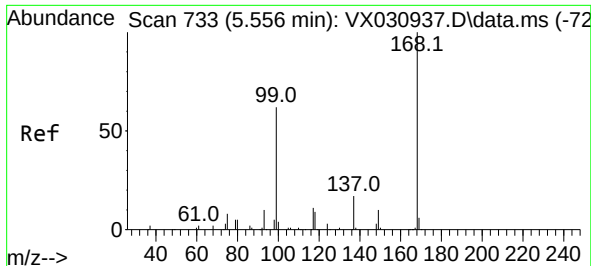
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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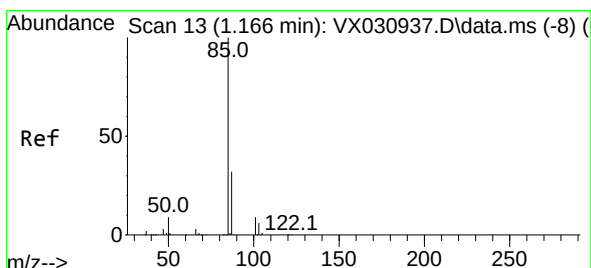
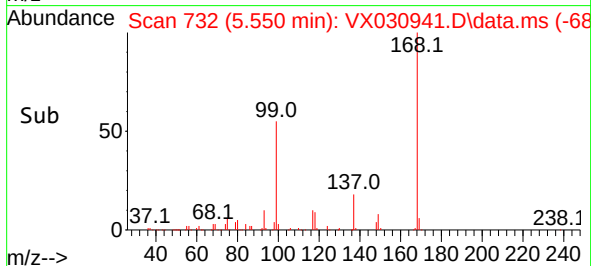
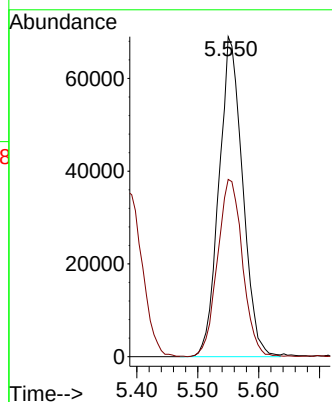
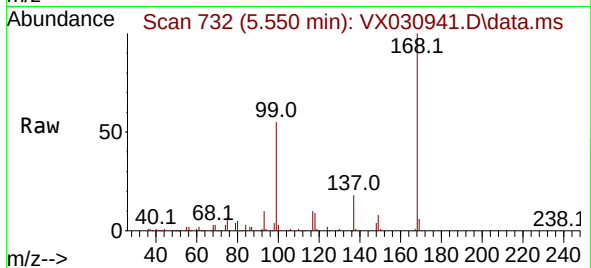




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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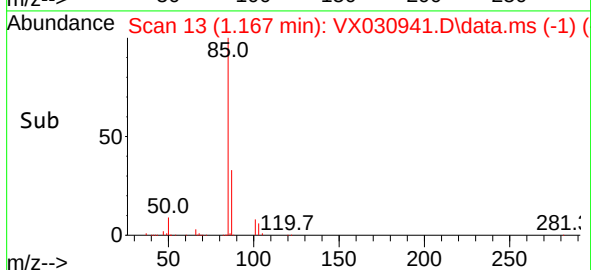
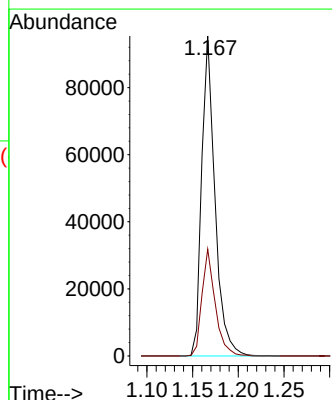
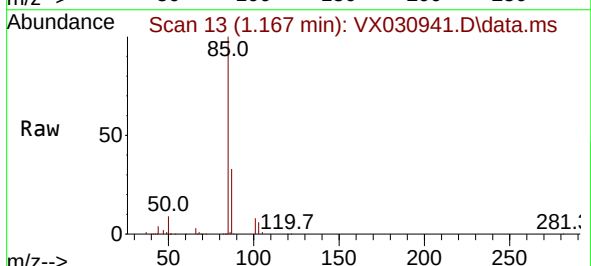
Instrument :
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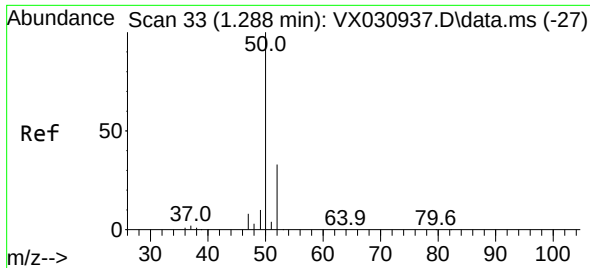
Tgt Ion:168 Resp: 185800
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 48.897 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 85 Resp: 96115
Ion Ratio Lower Upper
85 100
87 33.4 16.5 49.5

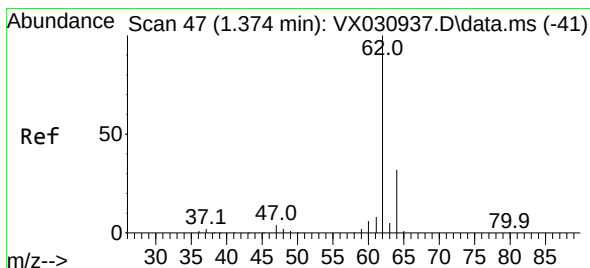
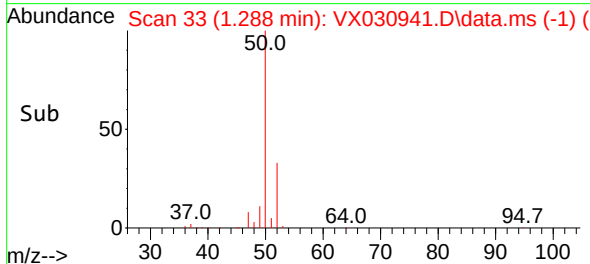
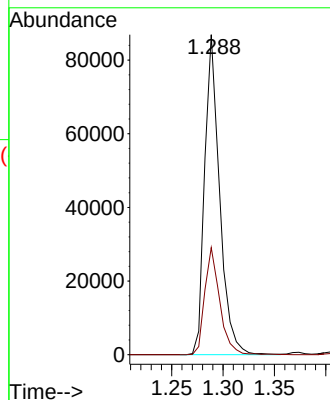
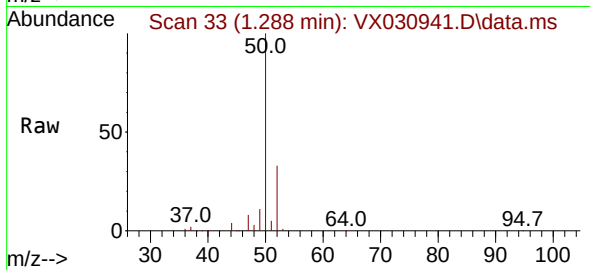




#3
Chloromethane
Concen: 44.473 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

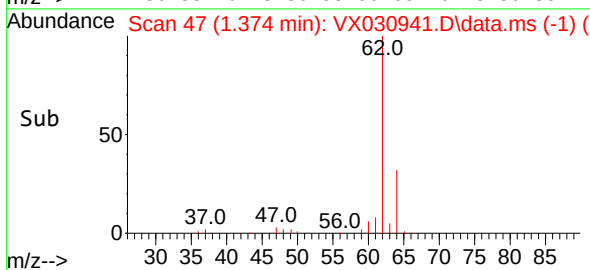
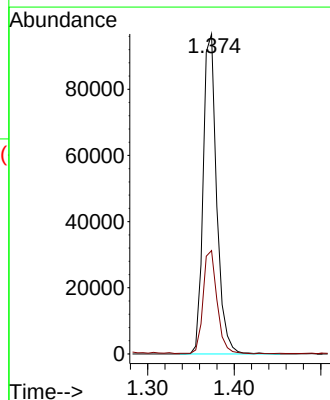
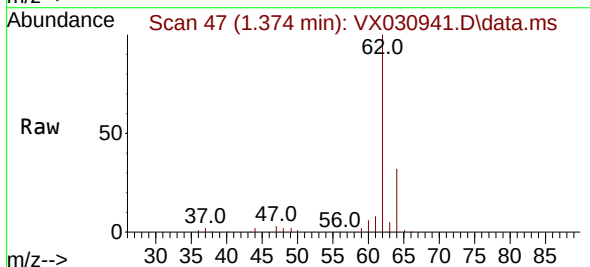
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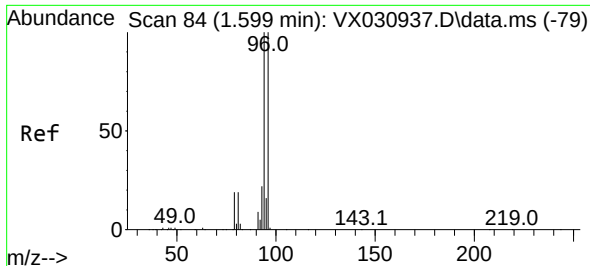
Tgt Ion: 50 Resp: 88105
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5



#4
Vinyl Chloride
Concen: 44.784 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 62 Resp: 104816
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8

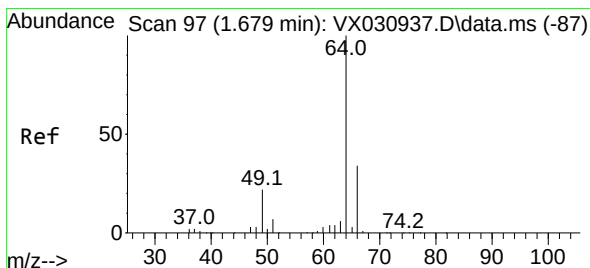
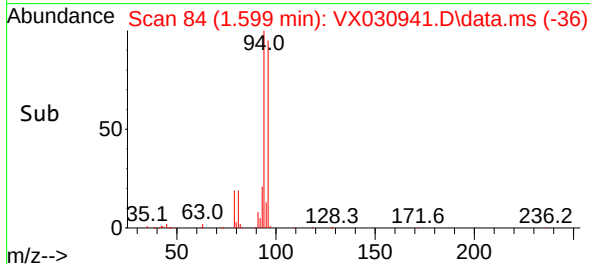
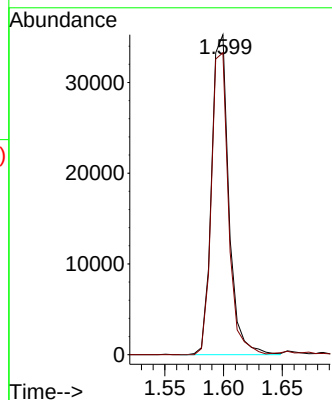
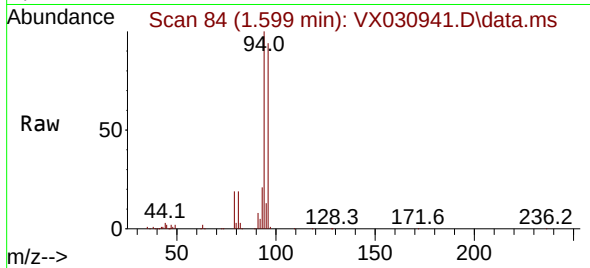




#5
Bromomethane
Concen: 49.909 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

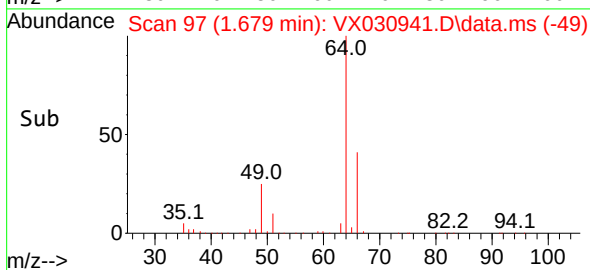
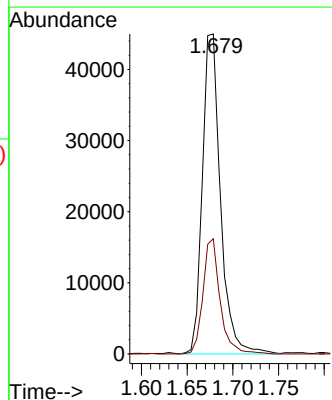
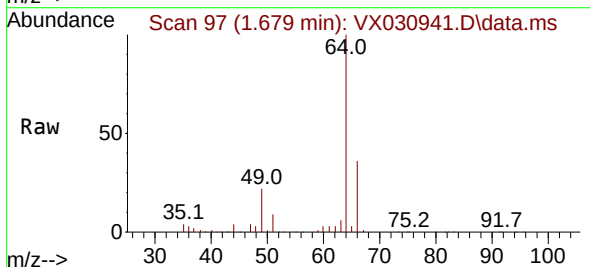
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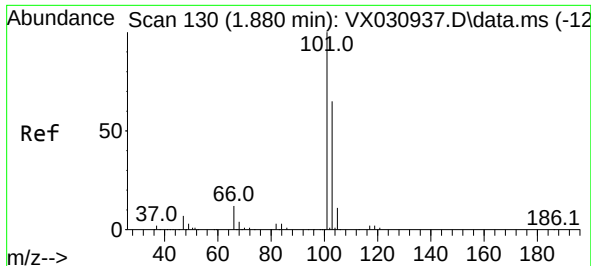
Tgt Ion: 94 Resp: 36119
Ion Ratio Lower Upper
94 100
96 94.3 76.9 115.3



#6
Chloroethane
Concen: 44.120 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 64 Resp: 62087
Ion Ratio Lower Upper
64 100
66 36.0 27.2 40.8

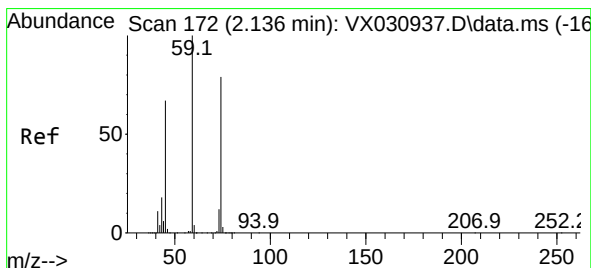
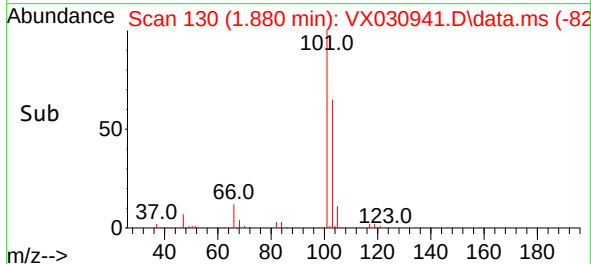
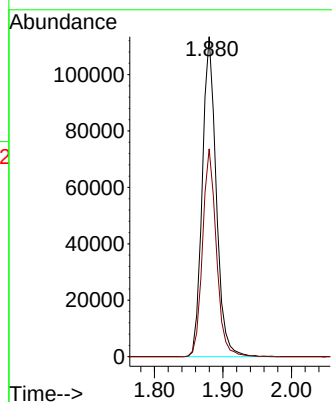
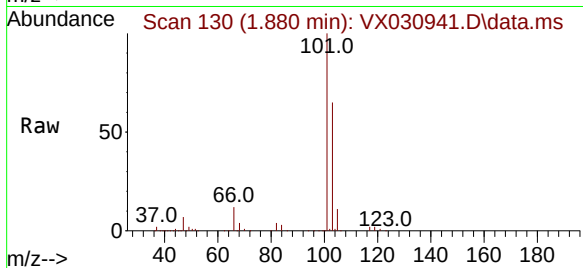




#7
 Trichlorofluoromethane
 Concen: 45.156 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

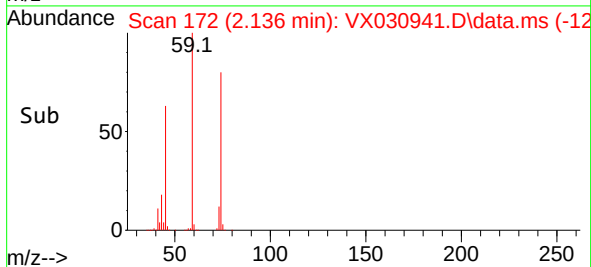
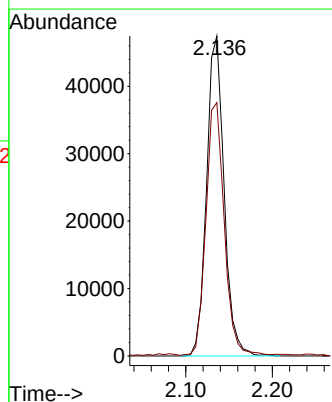
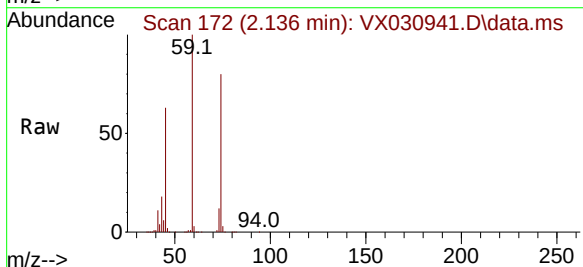
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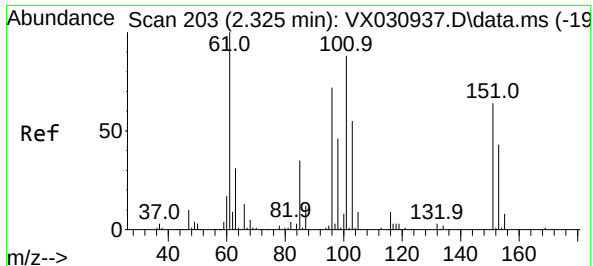
Tgt Ion:101 Resp: 160741
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.7 74.5



#8
 Diethyl Ether
 Concen: 48.410 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

Tgt Ion: 74 Resp: 66504
 Ion Ratio Lower Upper
 74 100
 45 82.5 51.5 154.7

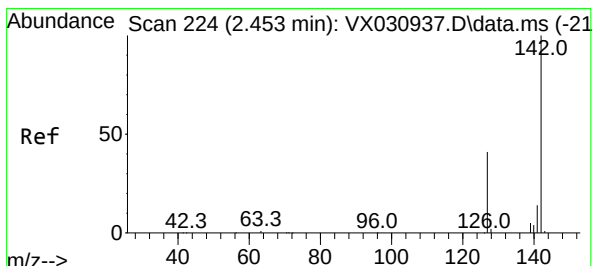
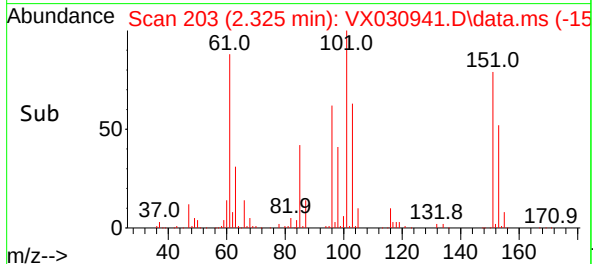
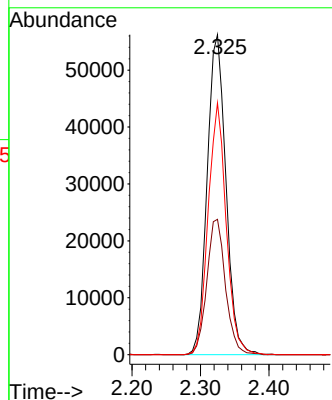
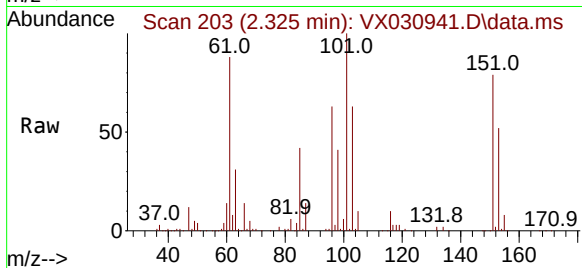




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.644 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
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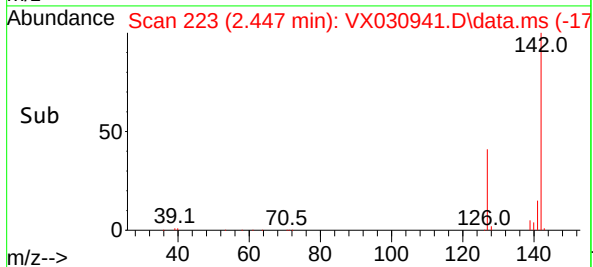
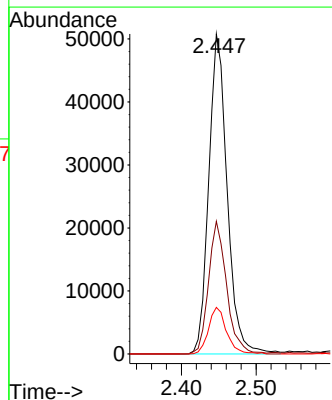
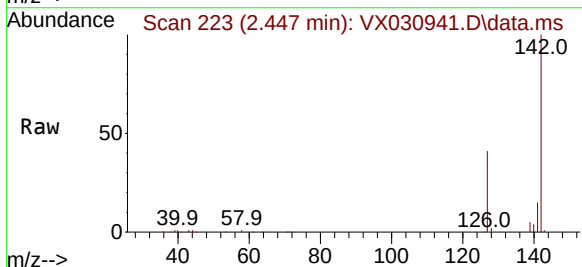
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

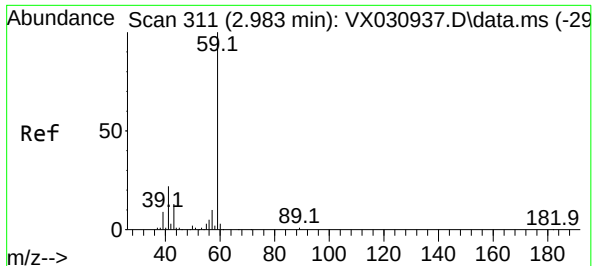
Tgt Ion:101 Resp: 106773
Ion Ratio Lower Upper
101 100
85 42.3 34.0 51.0
151 76.0 59.4 89.0



#10
Methyl Iodide
Concen: 41.728 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion:142 Resp: 87006
Ion Ratio Lower Upper
142 100
127 40.7 30.2 45.2
141 14.2 11.3 16.9

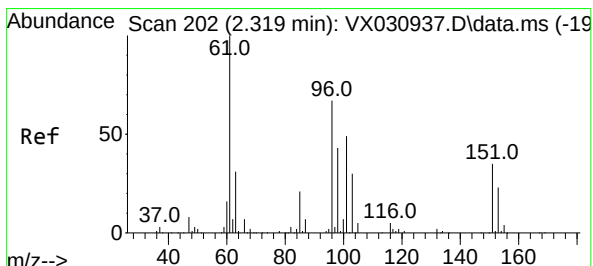
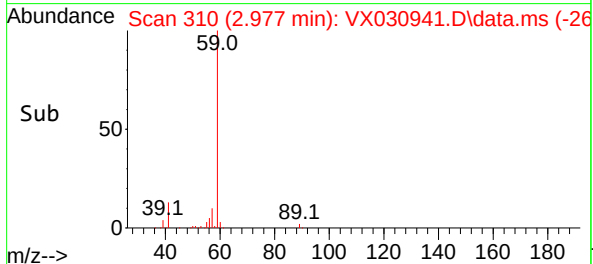
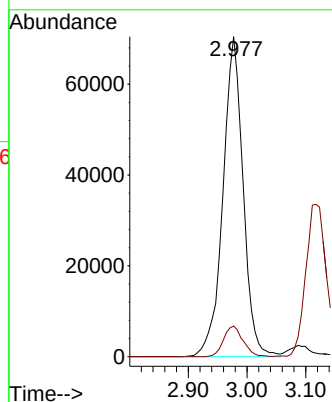
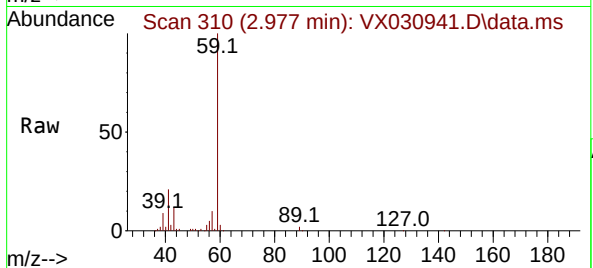




#11
Tert butyl alcohol
Concen: 266.734 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

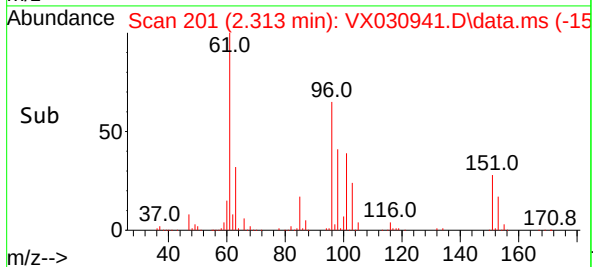
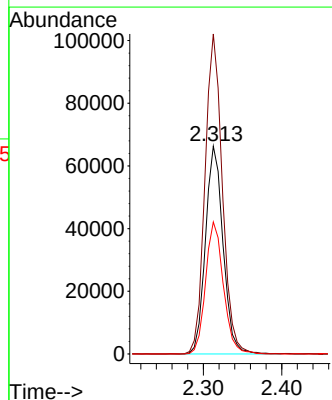
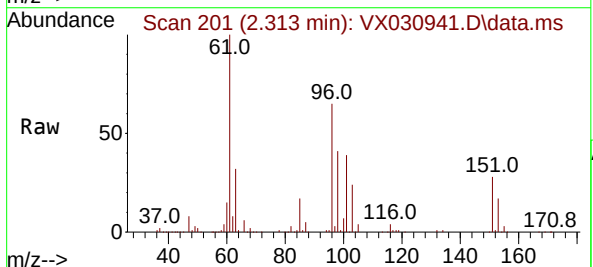
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

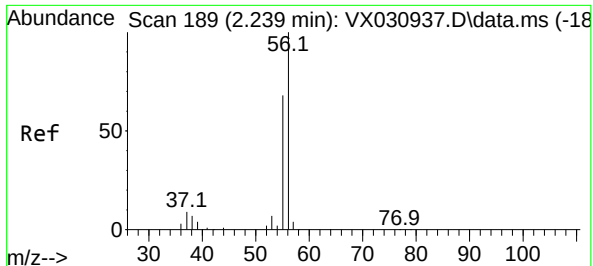
Tgt Ion: 59 Resp: 168408
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.2



#12
1,1-Dichloroethene
Concen: 45.775 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 96 Resp: 103361
Ion Ratio Lower Upper
96 100
61 153.9 117.4 176.0
98 63.5 52.2 78.4

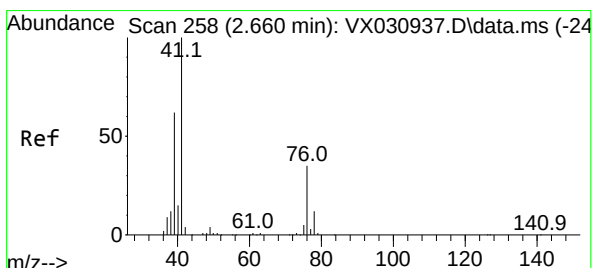
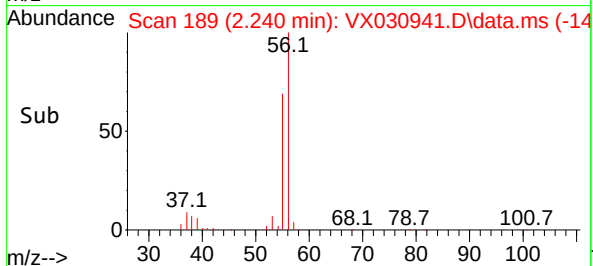
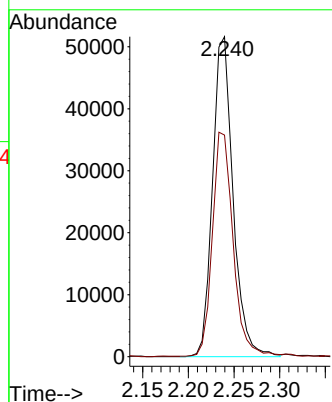
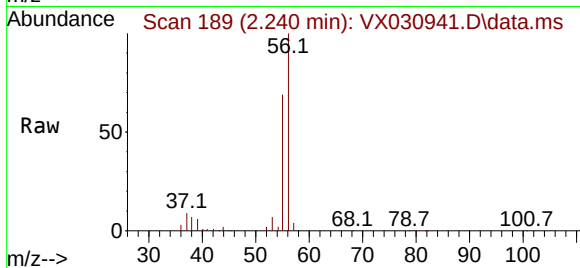




#13
Acrolein
Concen: 251.157 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

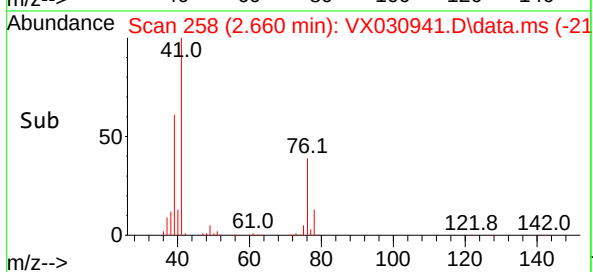
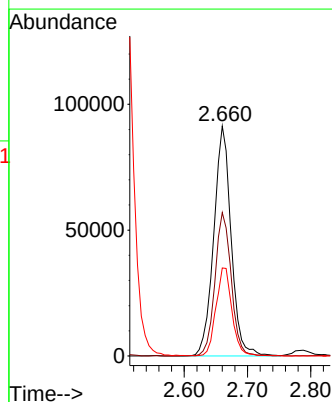
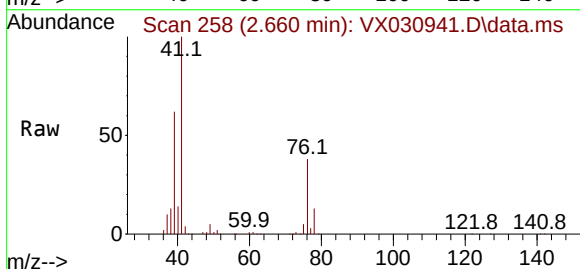
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

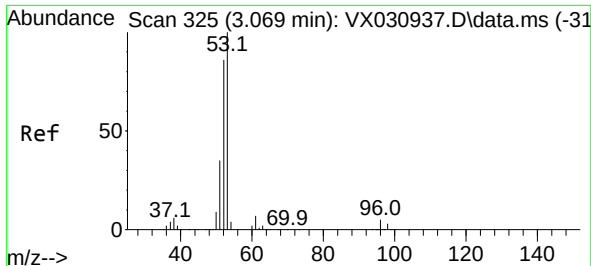
Tgt Ion: 56 Resp: 80510
Ion Ratio Lower Upper
56 100
55 70.9 56.6 84.8



#14
Allyl chloride
Concen: 47.605 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 41 Resp: 174397
Ion Ratio Lower Upper
41 100
39 58.2 48.9 73.3
76 35.2 26.9 40.3





#15

Acrylonitrile

Concen: 266.614 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

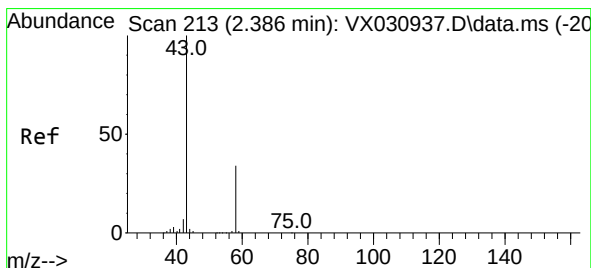
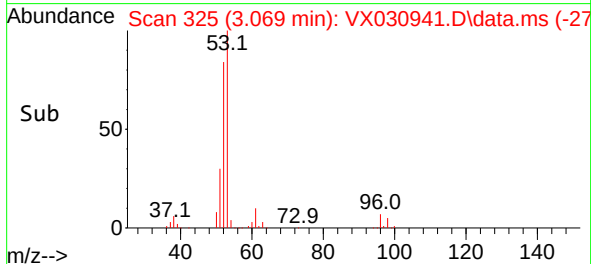
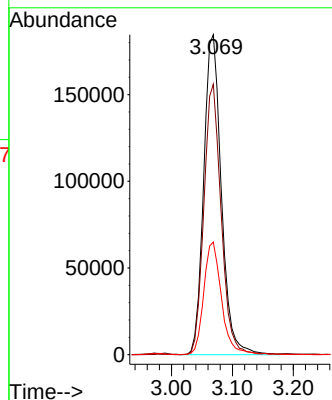
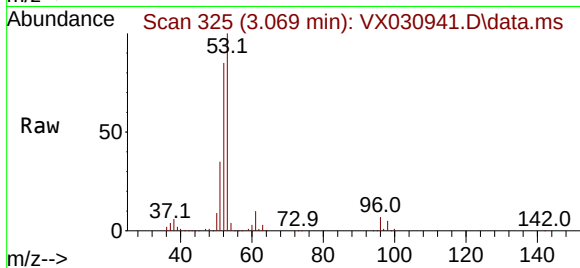
Tgt Ion: 53 Resp: 371710

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.0

51 35.7 27.7 41.5



#16

Acetone

Concen: 250.299 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX030941.D

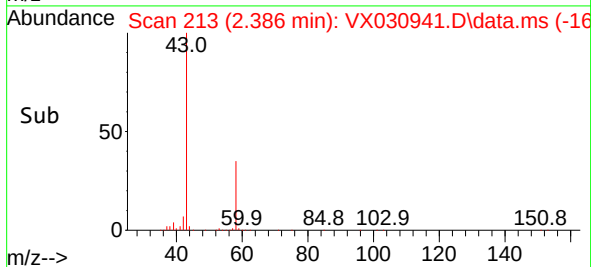
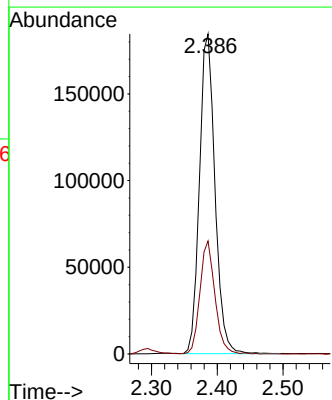
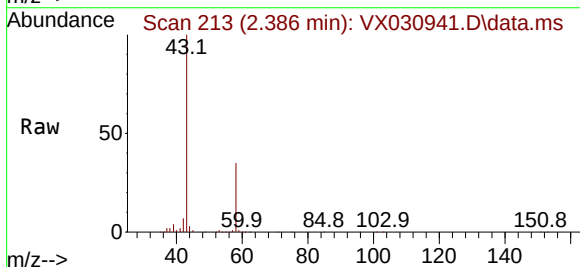
Acq: 30 Aug 2022 16:03

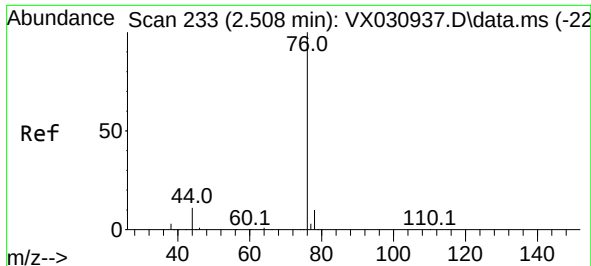
Tgt Ion: 43 Resp: 301048

Ion Ratio Lower Upper

43 100

58 35.4 27.7 41.5

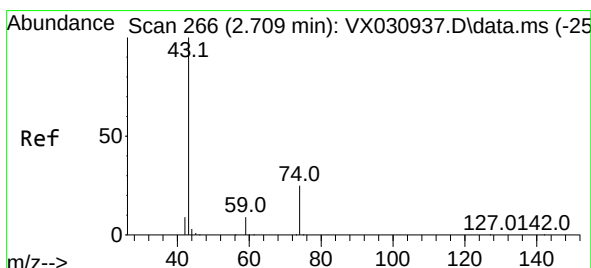
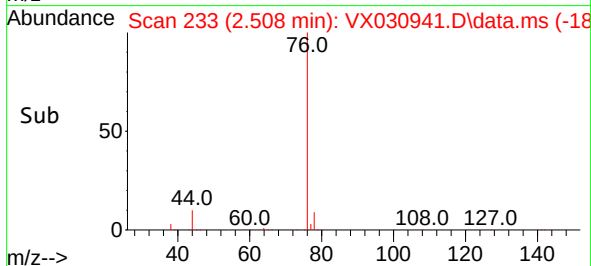
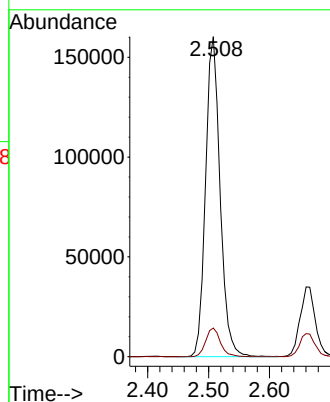
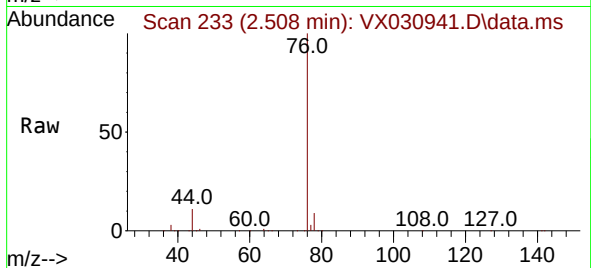




#17
Carbon Disulfide
Concen: 44.594 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

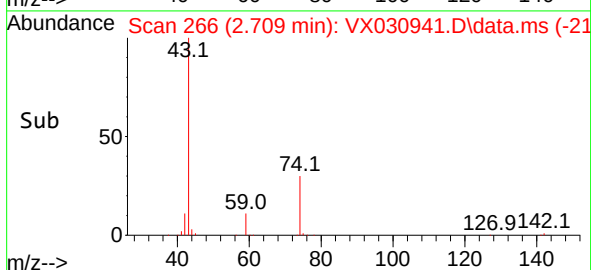
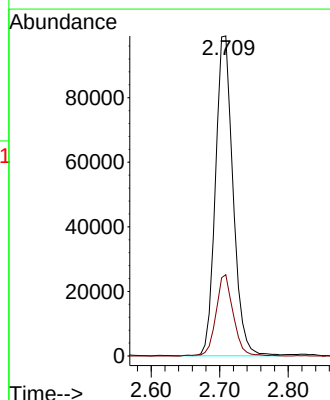
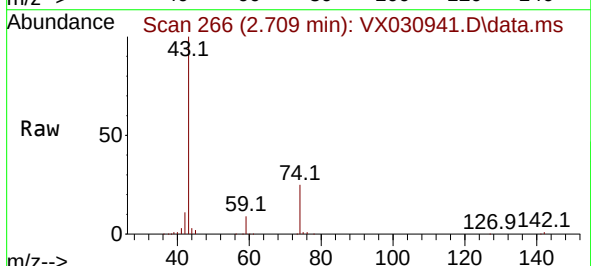
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

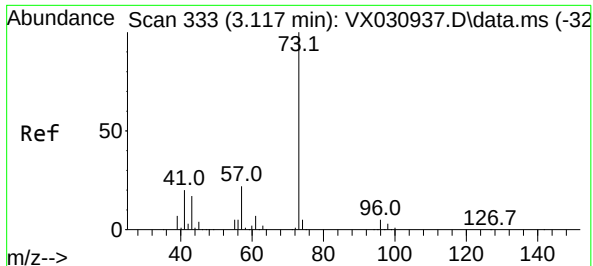
Tgt Ion: 76 Resp: 265756
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 50.006 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 43 Resp: 176437
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.201 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

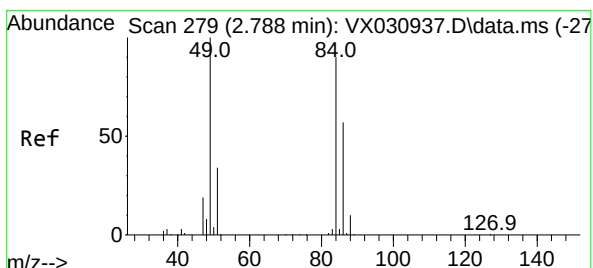
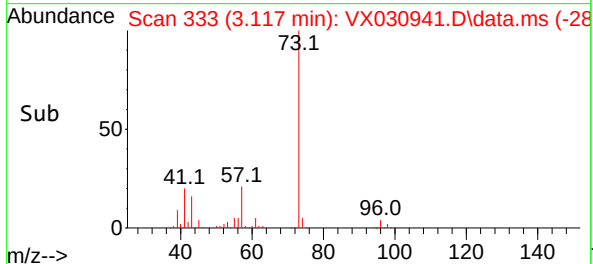
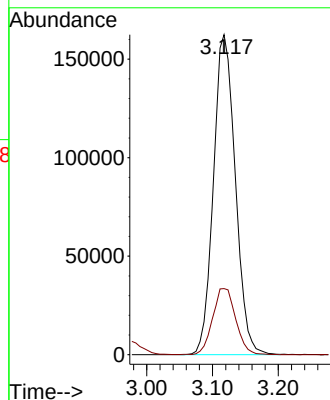
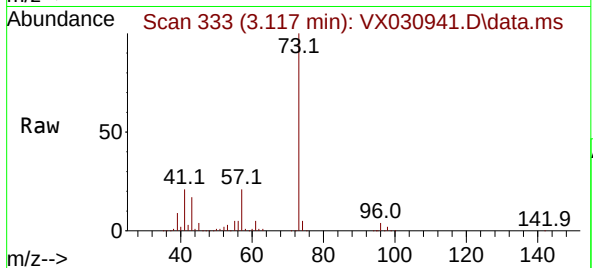
VSTDCCC050

Tgt Ion: 73 Resp: 376563

Ion Ratio Lower Upper

73 100

57 20.6 19.0 28.6



#20

Methylene Chloride

Concen: 46.697 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Tgt Ion: 84 Resp: 127698

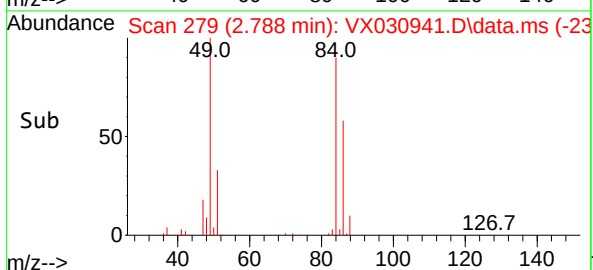
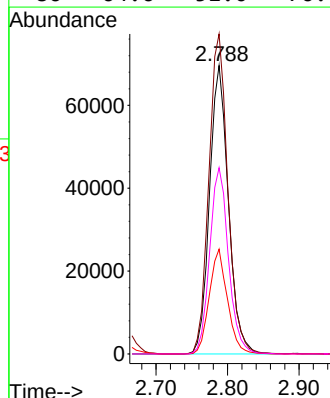
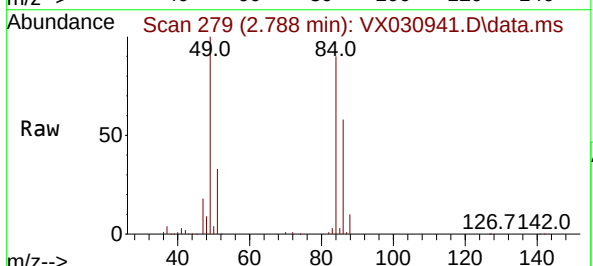
Ion Ratio Lower Upper

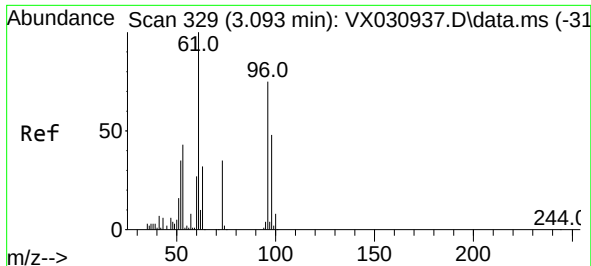
84 100

49 110.9 93.8 140.6

51 36.3 29.4 44.0

86 64.6 51.0 76.4

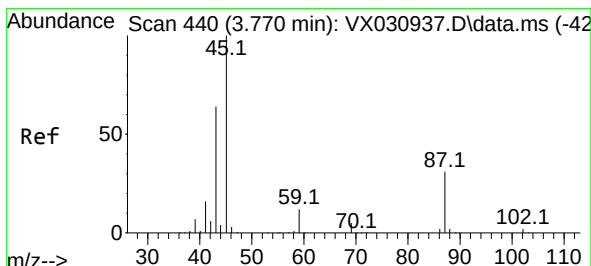
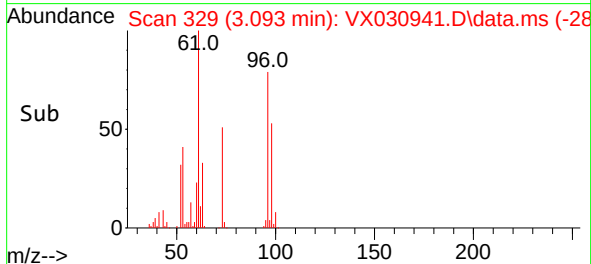
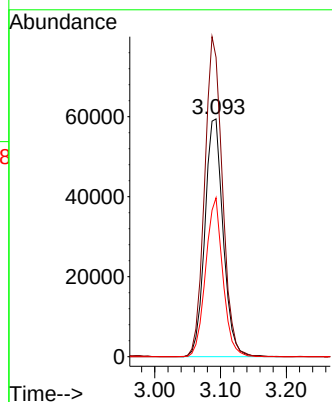
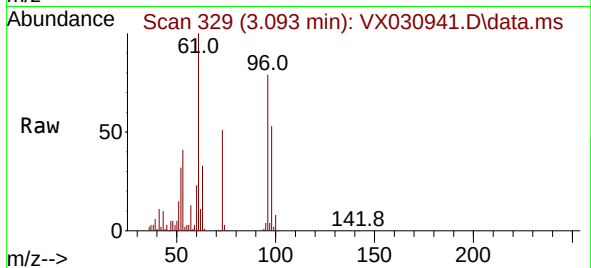




#21
trans-1,2-Dichloroethene
Concen: 46.861 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

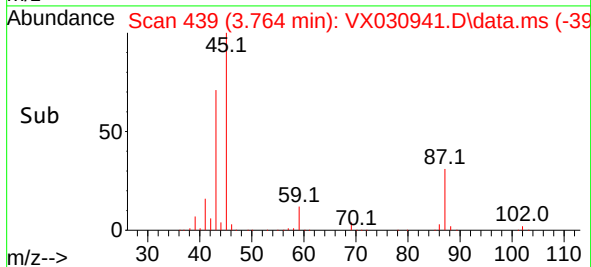
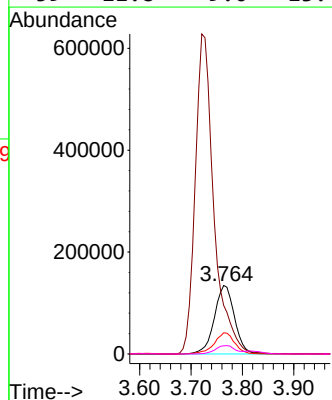
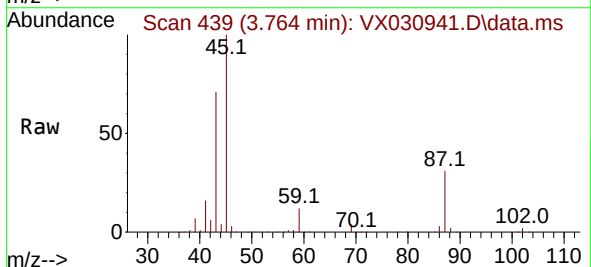
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

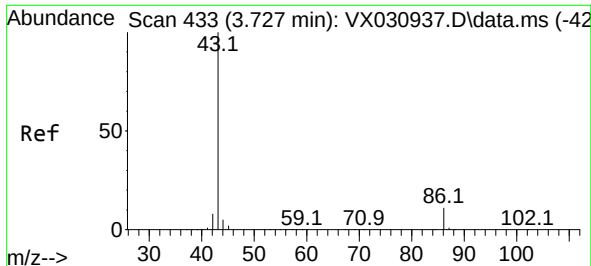
Tgt Ion: 96 Resp: 114734
Ion Ratio Lower Upper
96 100
61 125.9 105.6 158.4
98 66.8 50.1 75.1



#22
Diisopropyl ether
Concen: 48.381 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 45 Resp: 365211
Ion Ratio Lower Upper
45 100
43 70.3 65.4 98.0
87 31.0 22.3 33.5
59 11.8 9.0 13.4

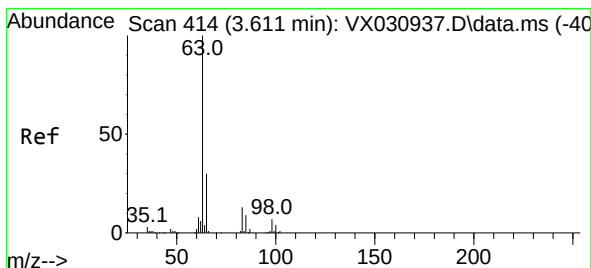
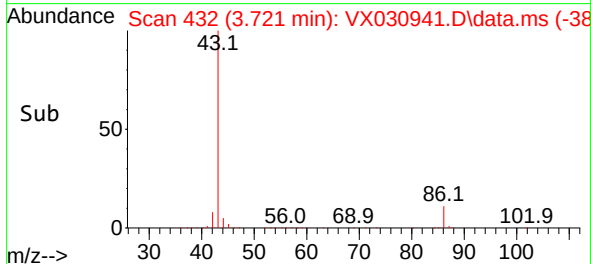
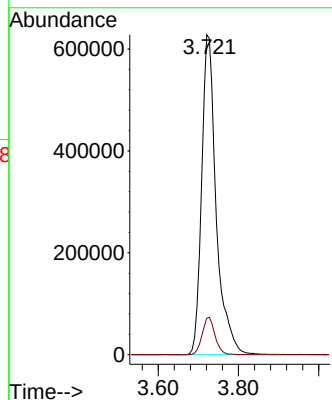
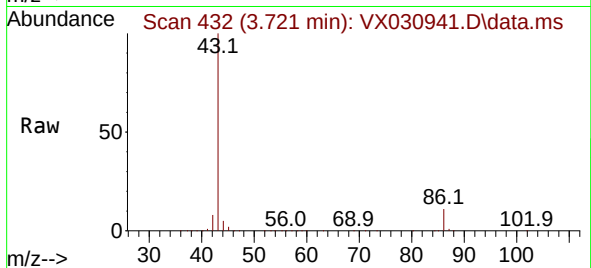




#23
 Vinyl Acetate
 Concen: 261.477 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

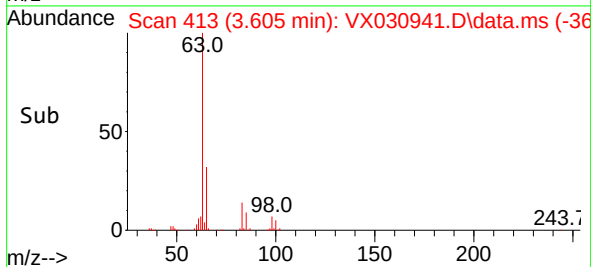
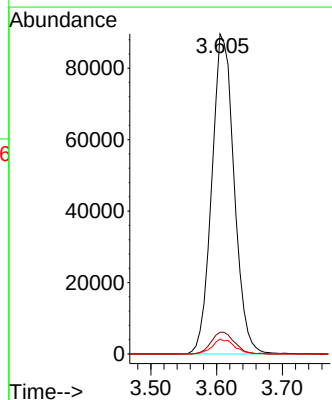
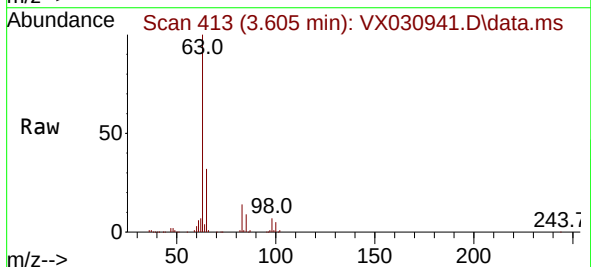
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

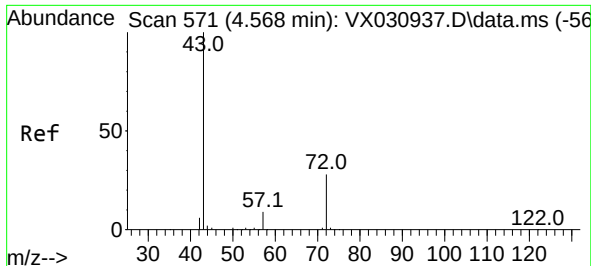
Tgt Ion: 43 Resp: 1583493
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 47.817 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

Tgt Ion: 63 Resp: 211381
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.7 2.3 6.9

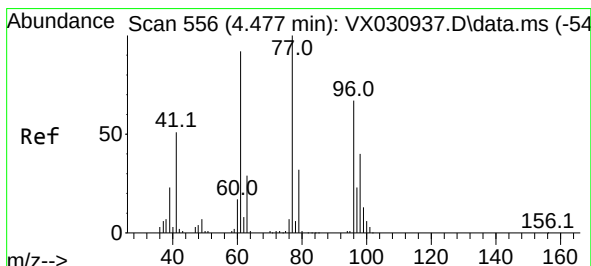
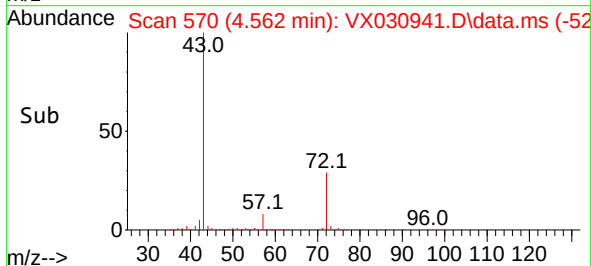
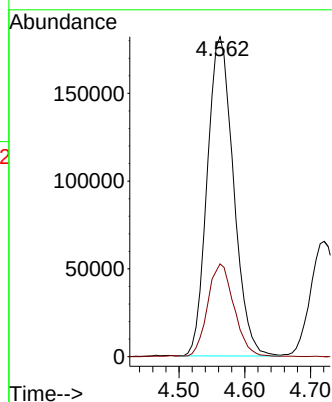
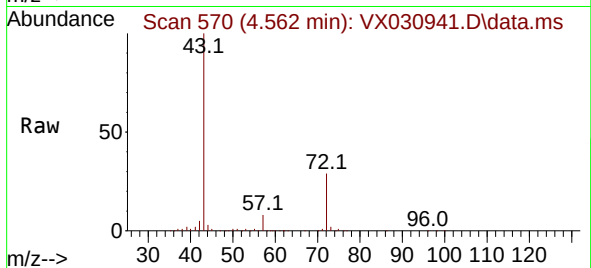




#25
2-Butanone
Concen: 259.825 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

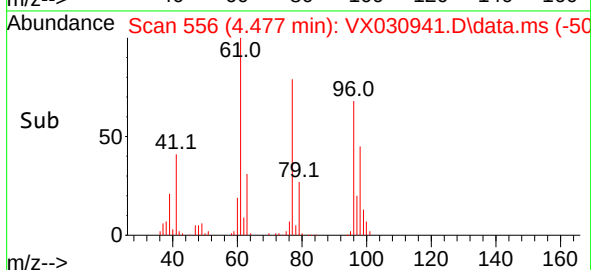
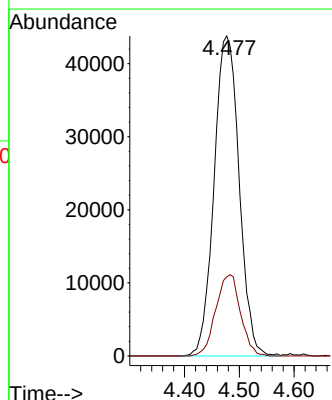
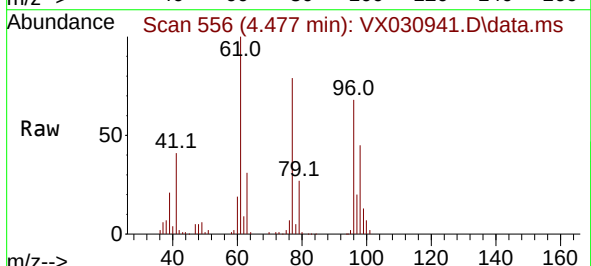
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

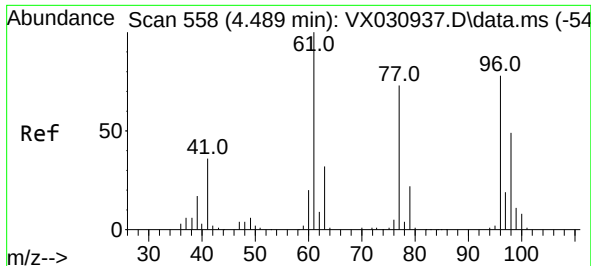
Tgt Ion: 43 Resp: 505897
Ion Ratio Lower Upper
43 100
72 28.9 21.7 32.5



#26
2,2-Dichloropropane
Concen: 41.760 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 77 Resp: 139113
Ion Ratio Lower Upper
77 100
97 25.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 48.527 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

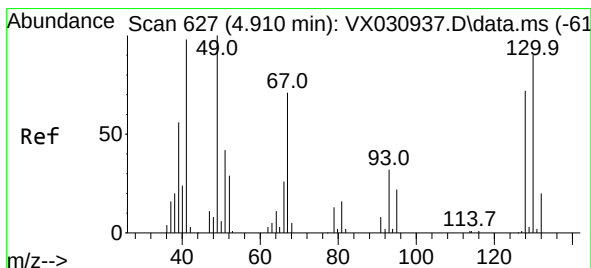
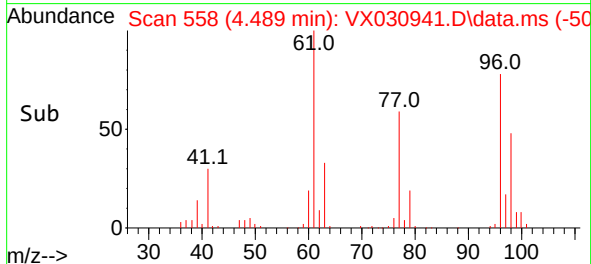
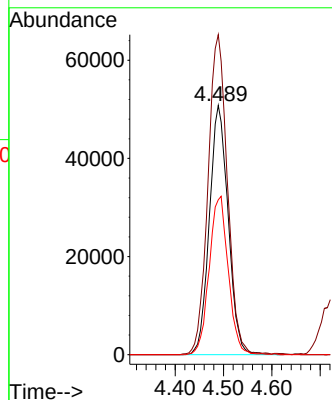
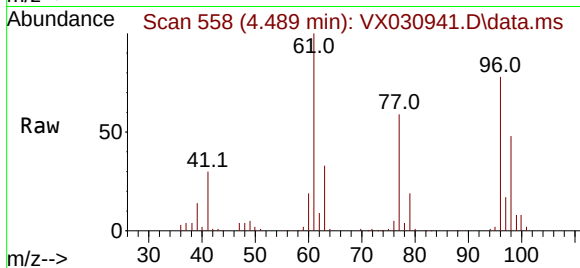
Tgt Ion: 96 Resp: 136917

Ion Ratio Lower Upper

96 100

61 132.9 0.0 270.0

98 64.4 0.0 127.8



#28

Bromochloromethane

Concen: 49.791 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

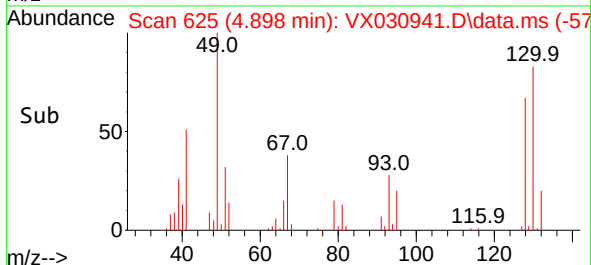
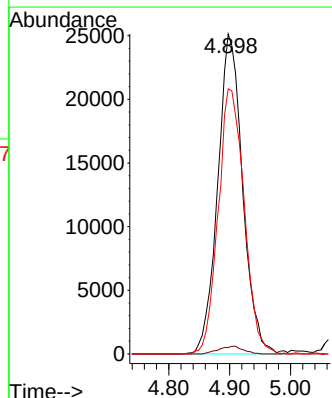
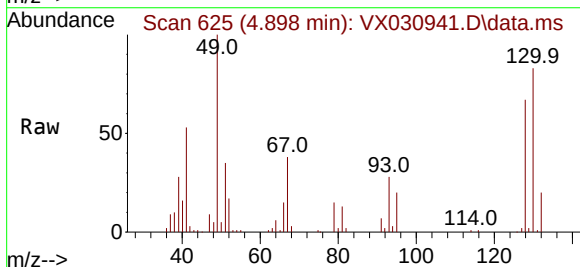
Tgt Ion: 49 Resp: 71199

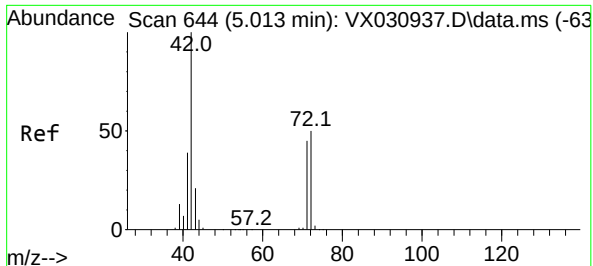
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 86.6 62.8 94.2





#29

Tetrahydrofuran

Concen: 262.270 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

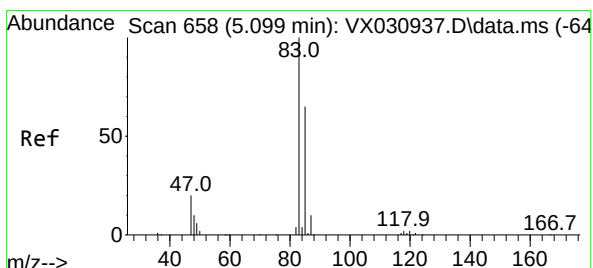
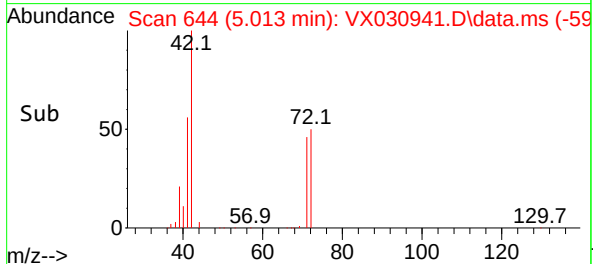
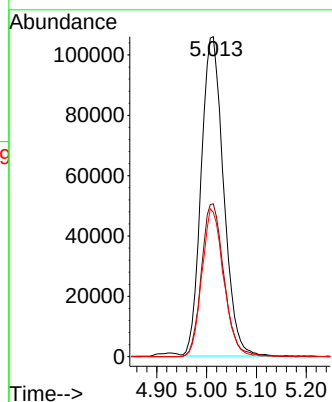
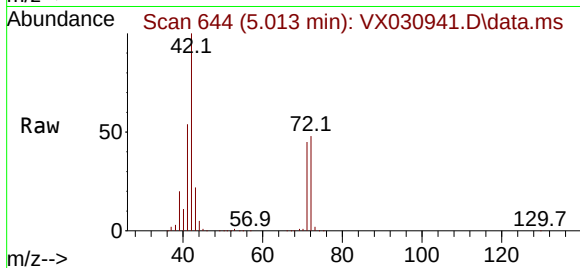
Tgt Ion: 42 Resp: 330351

Ion Ratio Lower Upper

42 100

72 48.3 36.5 54.7

71 45.0 33.9 50.9



#30

Chloroform

Concen: 48.413 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX030941.D

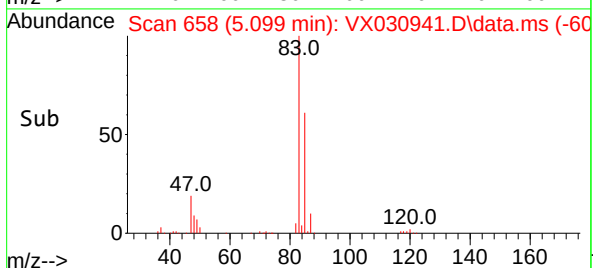
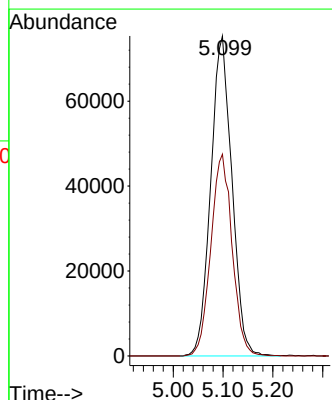
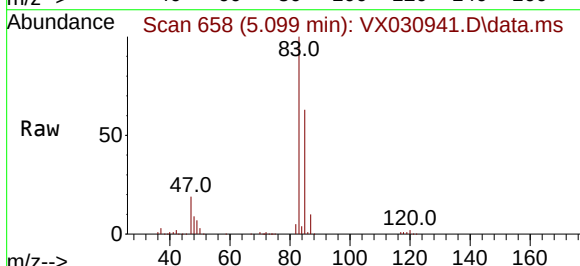
Acq: 30 Aug 2022 16:03

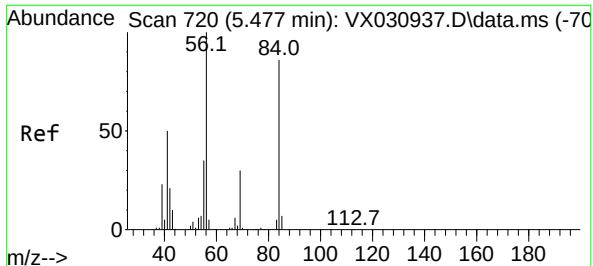
Tgt Ion: 83 Resp: 222019

Ion Ratio Lower Upper

83 100

85 63.1 51.5 77.3

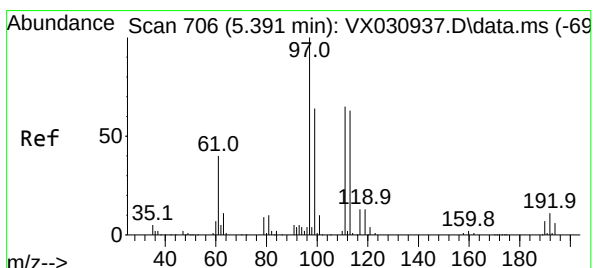
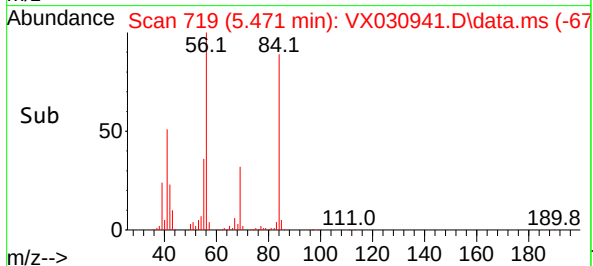
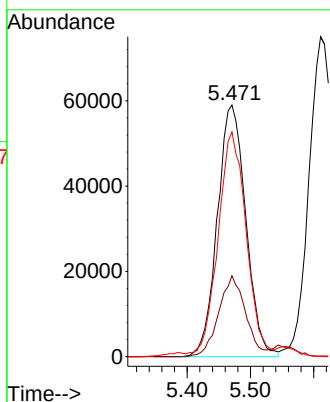
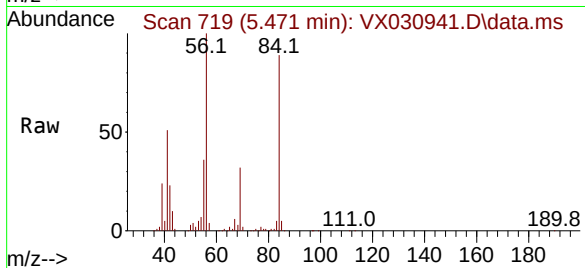




#31
Cyclohexane
Concen: 46.742 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

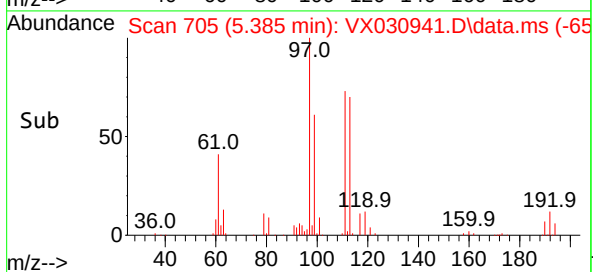
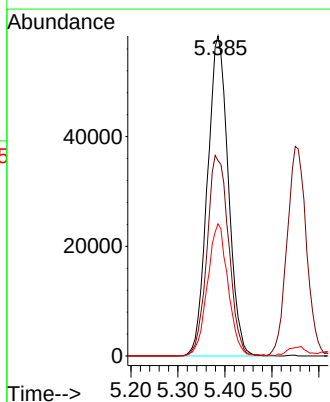
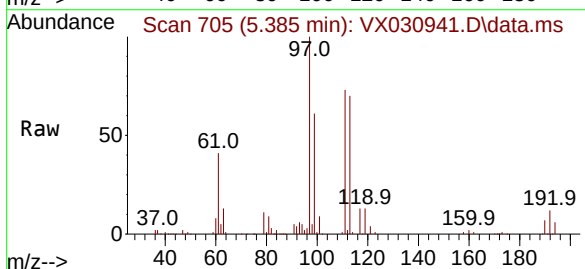
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

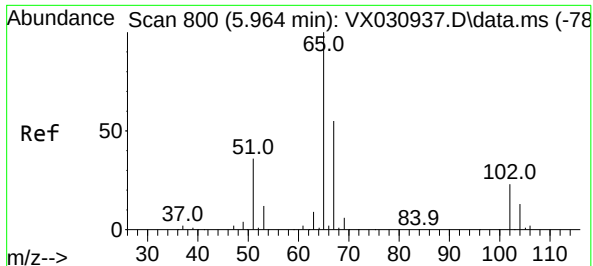
Tgt Ion: 56 Resp: 184361
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 87.7 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 46.177 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 97 Resp: 179514
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 40.9 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 51.790 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

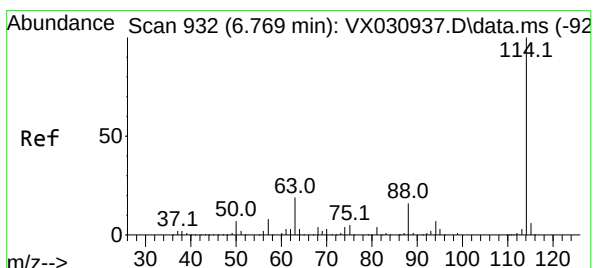
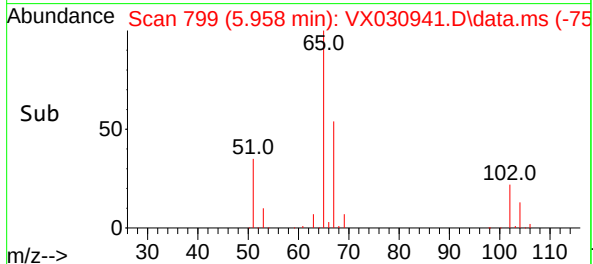
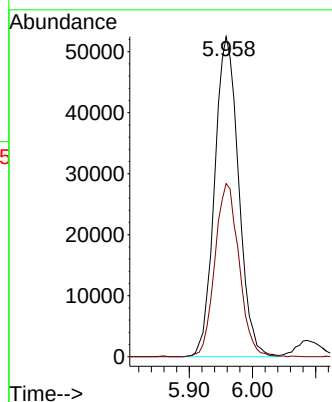
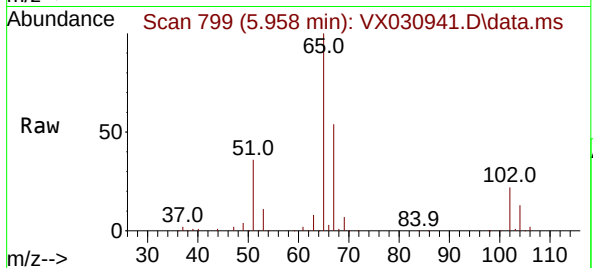
VSTDCCC050

Tgt Ion: 65 Resp: 138015

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

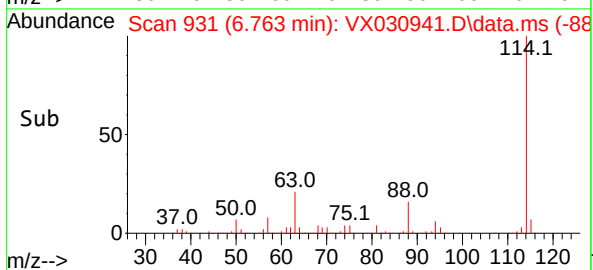
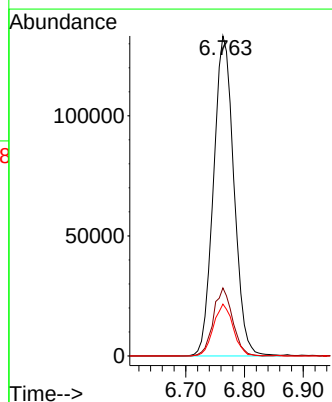
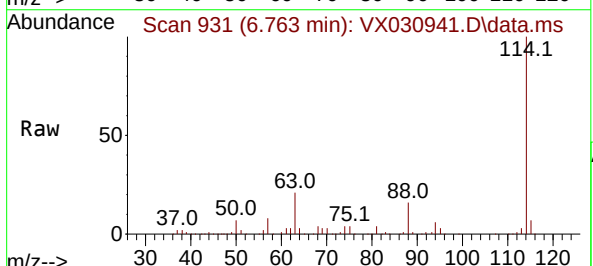
Tgt Ion: 114 Resp: 321209

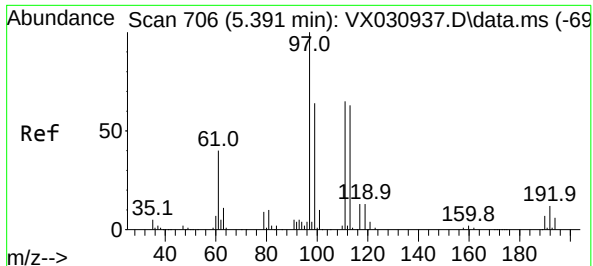
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.4

88 16.2 0.0 31.8

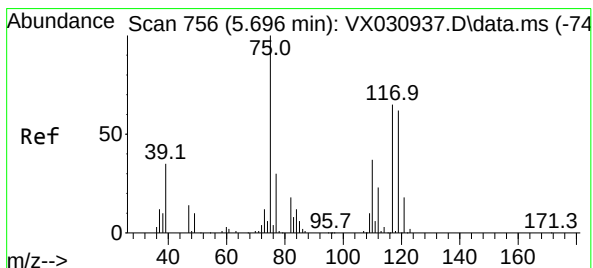
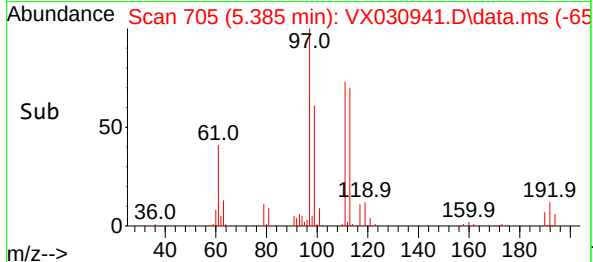
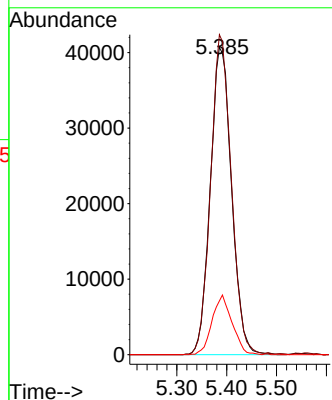
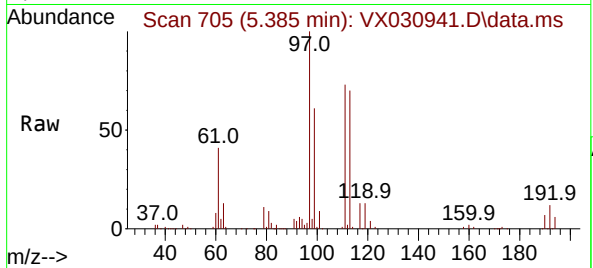




#35
Dibromofluoromethane
Concen: 50.946 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

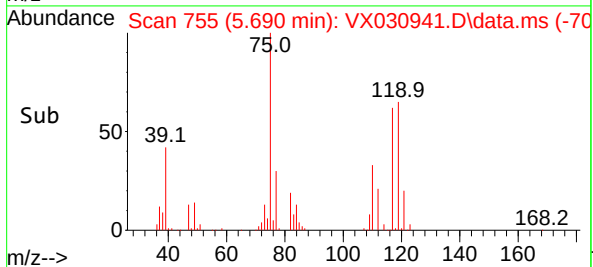
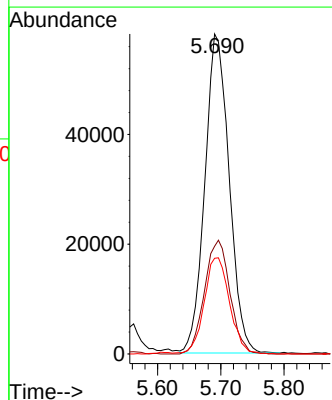
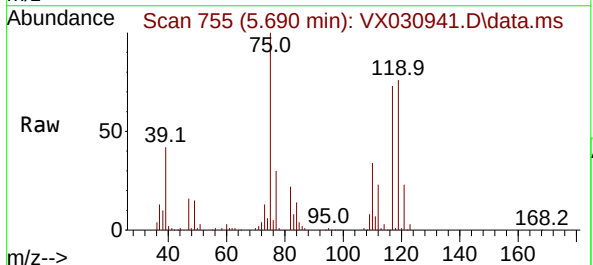
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

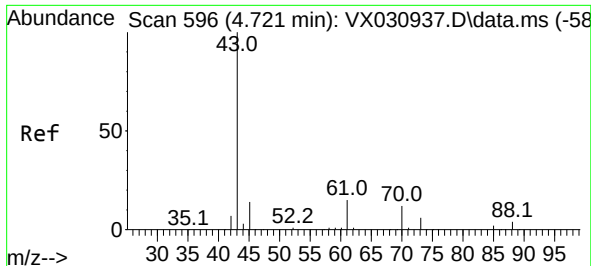
Tgt Ion:113 Resp: 120628
Ion Ratio Lower Upper
113 100
111 100.9 83.2 124.8
192 18.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 44.198 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 75 Resp: 155545
Ion Ratio Lower Upper
75 100
110 37.3 19.3 57.9
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 51.194 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

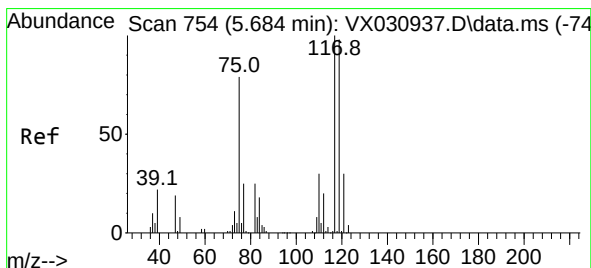
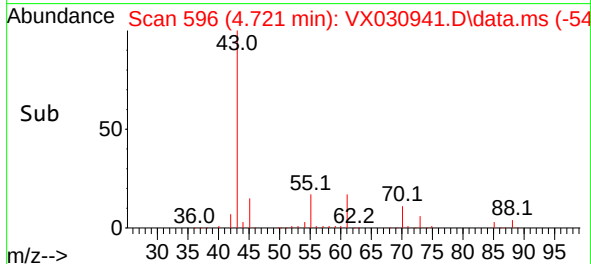
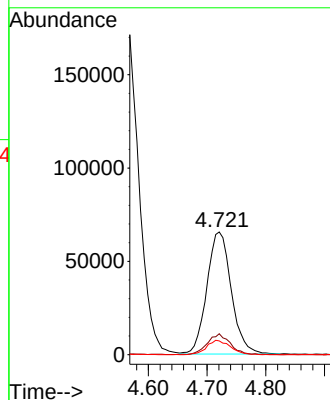
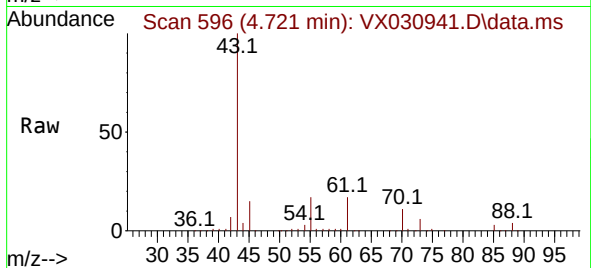
Tgt Ion: 43 Resp: 189407

Ion Ratio Lower Upper

43 100

61 16.1 11.7 17.5

70 11.4 9.3 13.9



#38

Carbon Tetrachloride

Concen: 46.888 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

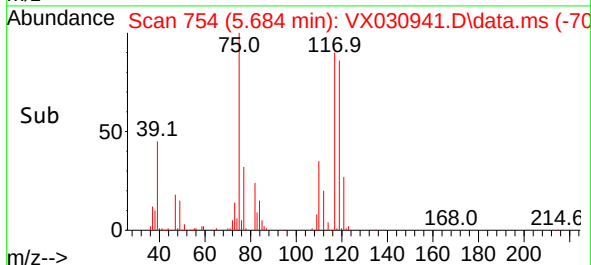
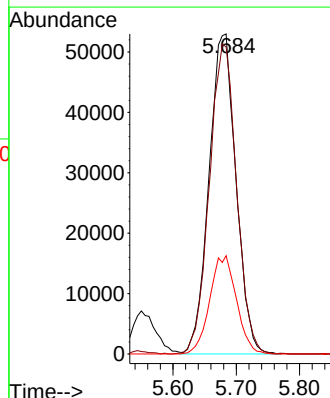
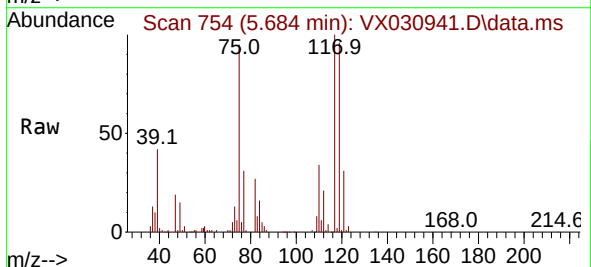
Tgt Ion: 117 Resp: 157092

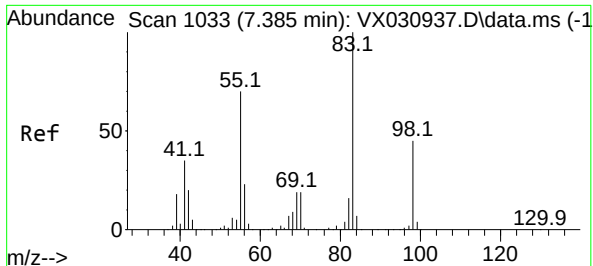
Ion Ratio Lower Upper

117 100

119 95.7 74.1 111.1

121 30.7 25.8 38.8





#39

Methylcyclohexane

Concen: 46.036 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

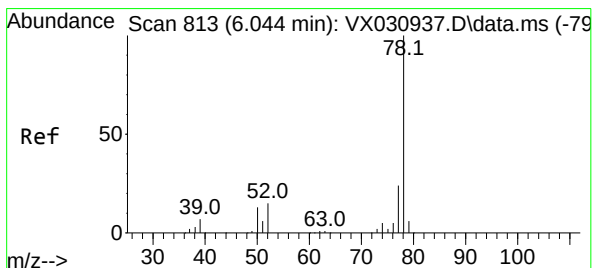
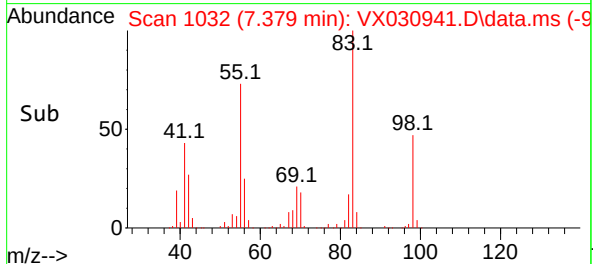
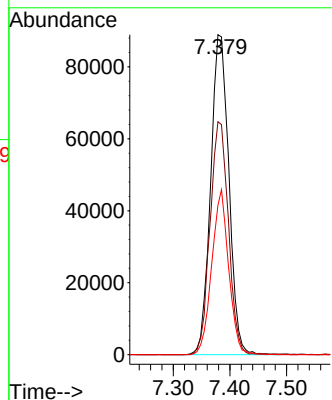
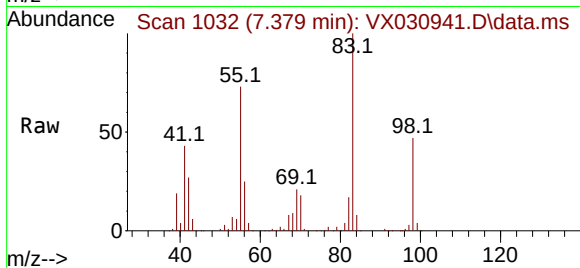
Tgt Ion: 83 Resp: 198168

Ion Ratio Lower Upper

83 100

55 72.8 57.7 86.5

98 46.8 36.5 54.7



#40

Benzene

Concen: 47.066 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX030941.D

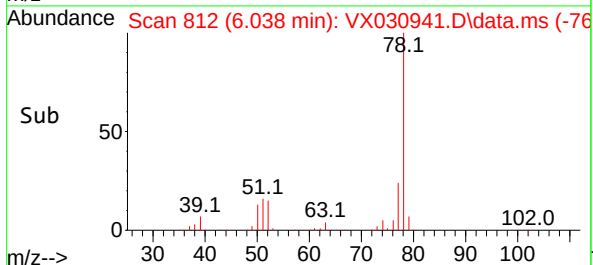
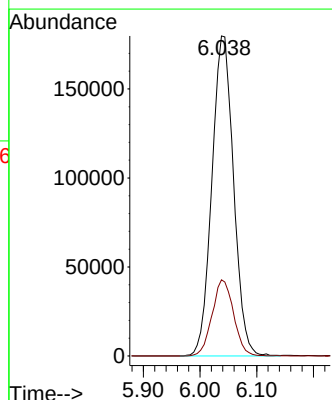
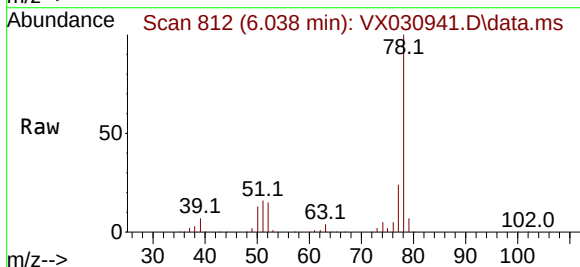
Acq: 30 Aug 2022 16:03

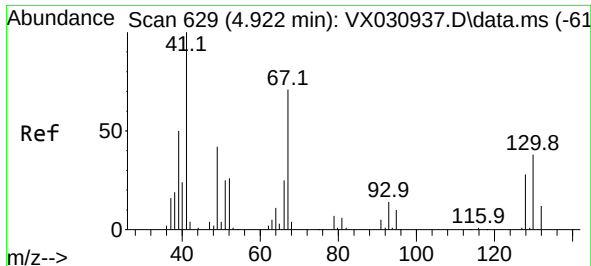
Tgt Ion: 78 Resp: 477389

Ion Ratio Lower Upper

78 100

77 23.8 18.0 27.0

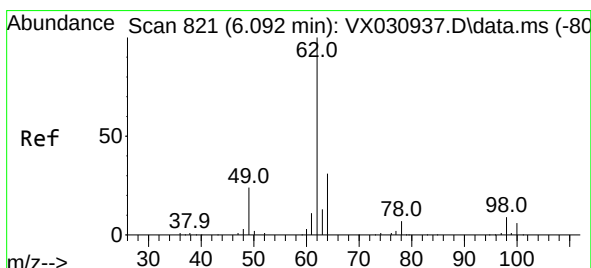
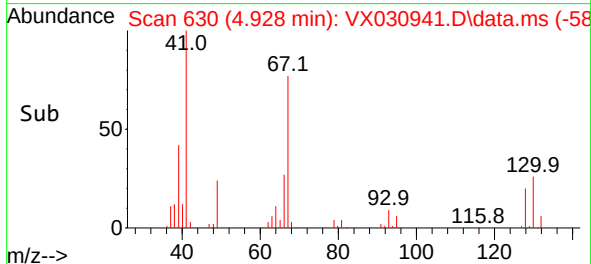
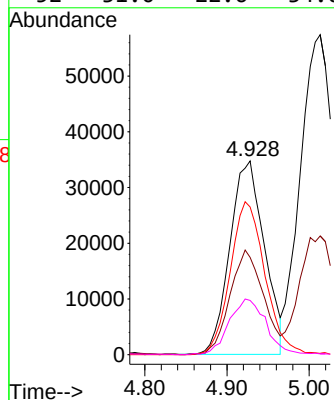
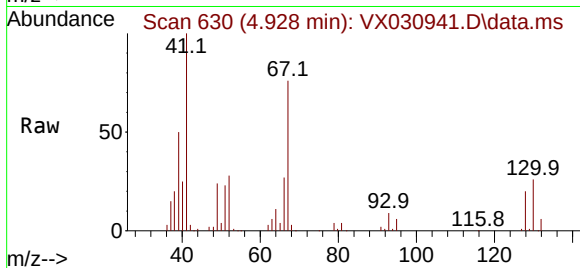




#41
Methacrylonitrile
Concen: 50.356 ug/l
RT: 4.928 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

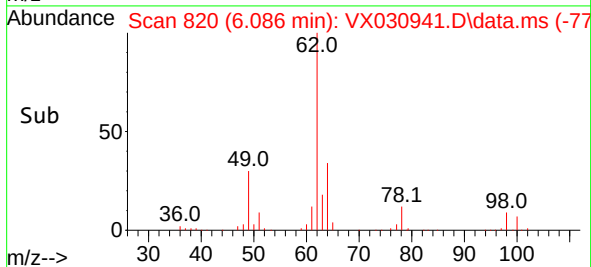
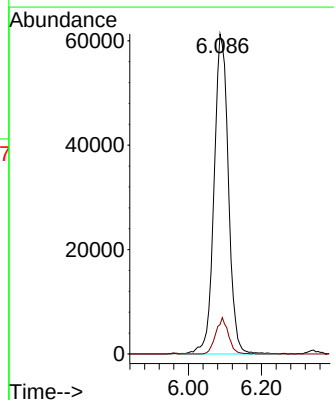
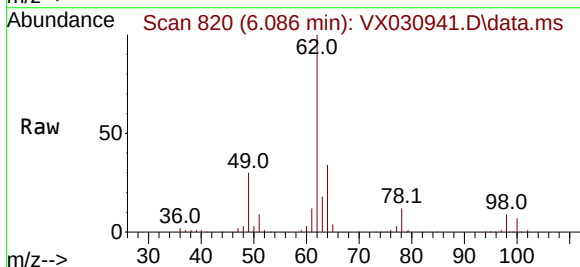
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

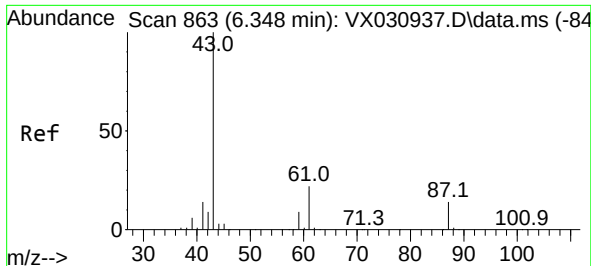
Tgt Ion:	41	Resp:	101191
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.9	64.3
67	80.2	60.1	90.1
52	31.0	22.6	34.0



#42
1,2-Dichloroethane
Concen: 49.464 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion:	62	Resp:	166661
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

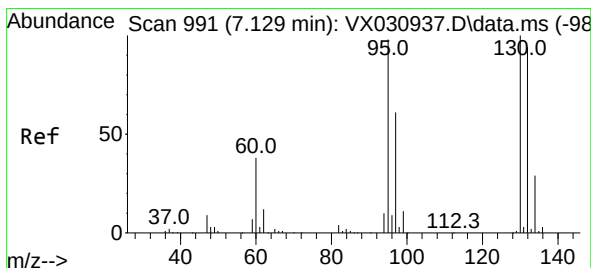
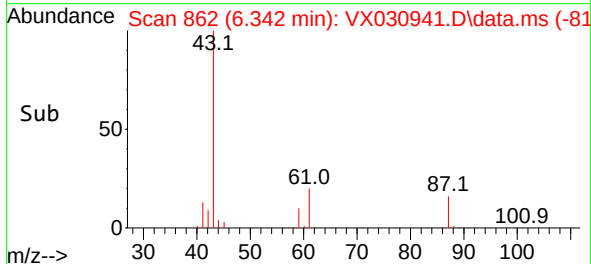
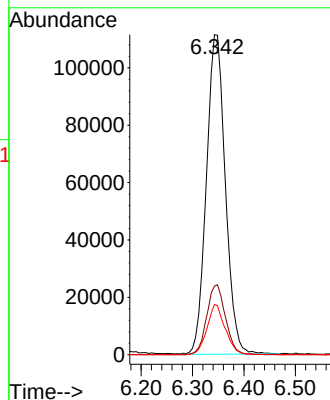
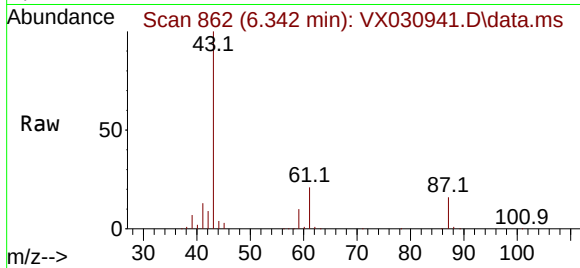




#43
Isopropyl Acetate
Concen: 49.833 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

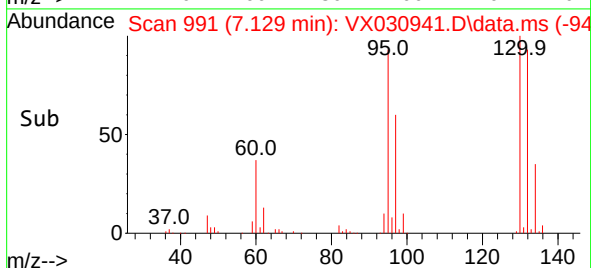
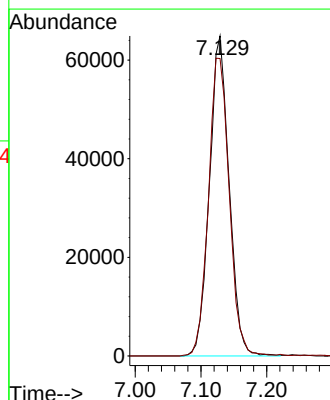
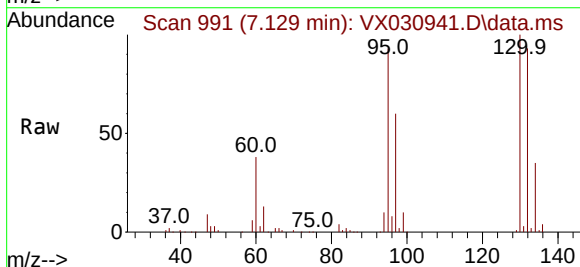
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

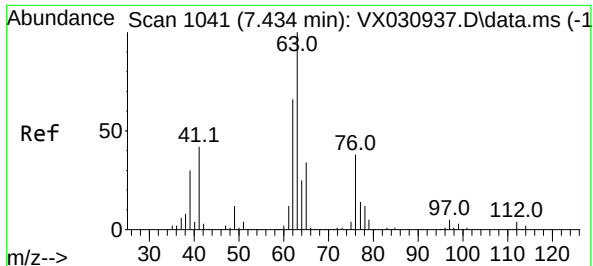
Tgt Ion: 43 Resp: 286100
Ion Ratio Lower Upper
43 100
61 21.6 16.5 24.7
87 15.0 11.1 16.7



#44
Trichloroethene
Concen: 45.350 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 130 Resp: 135512
Ion Ratio Lower Upper
130 100
95 92.9 0.0 194.8





#45

1,2-Dichloropropane

Concen: 47.479 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

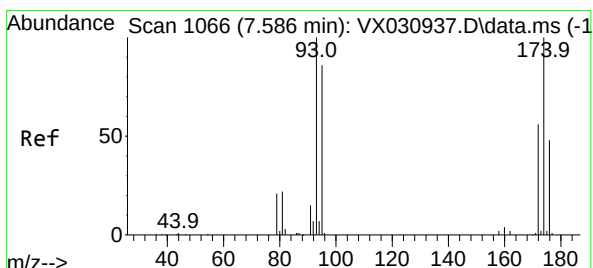
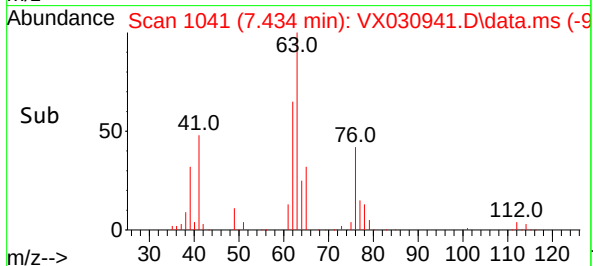
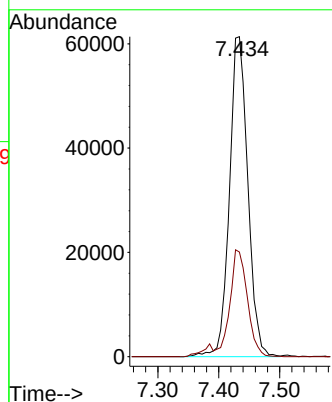
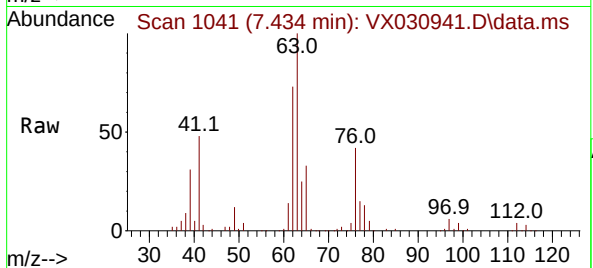
VSTDCCC050

Tgt Ion: 63 Resp: 128547

Ion Ratio Lower Upper

63 100

65 32.7 25.2 37.8



#46

Dibromomethane

Concen: 49.202 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

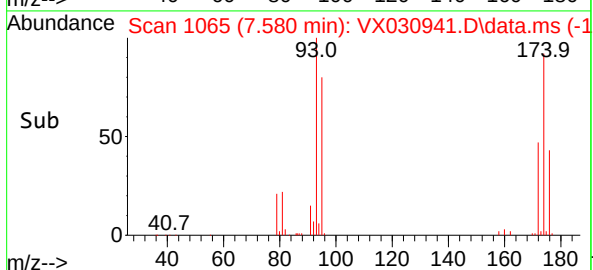
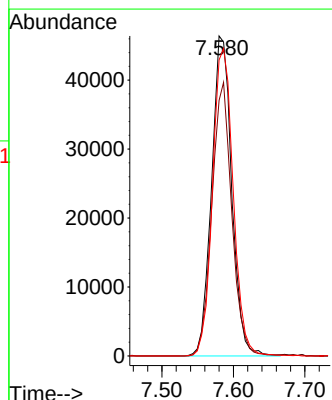
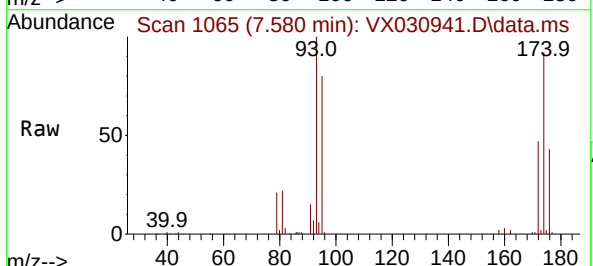
Tgt Ion: 93 Resp: 90971

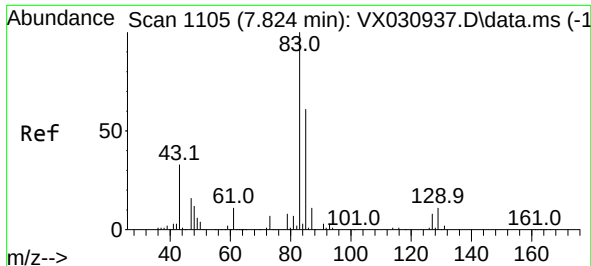
Ion Ratio Lower Upper

93 100

95 84.4 67.4 101.0

174 98.5 75.6 113.4

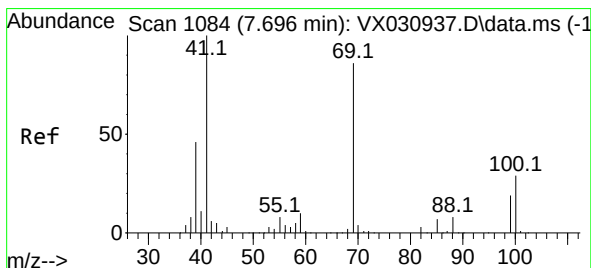
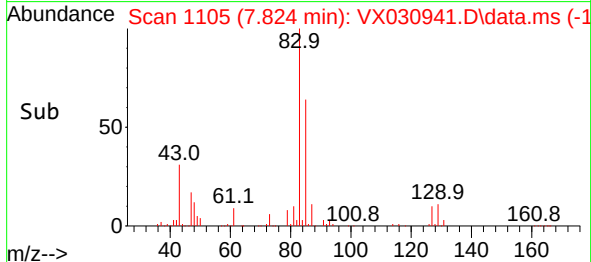
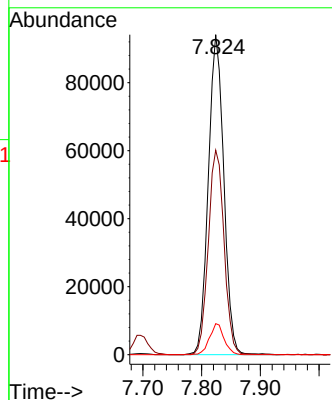
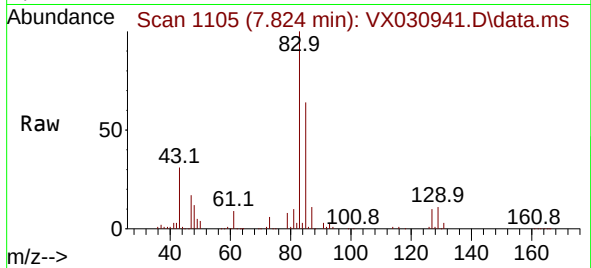




#47
Bromodichloromethane
Concen: 48.369 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

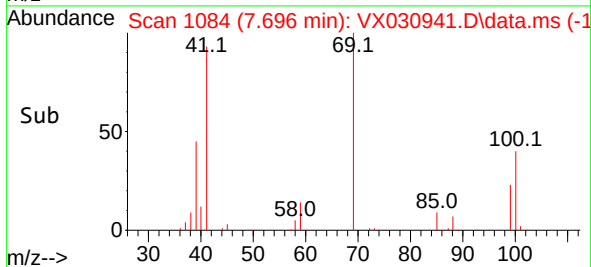
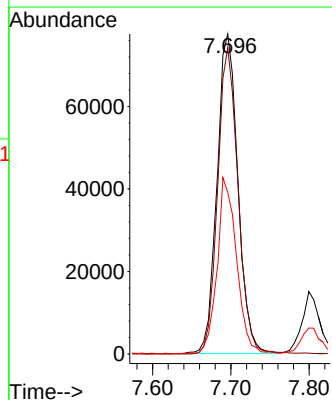
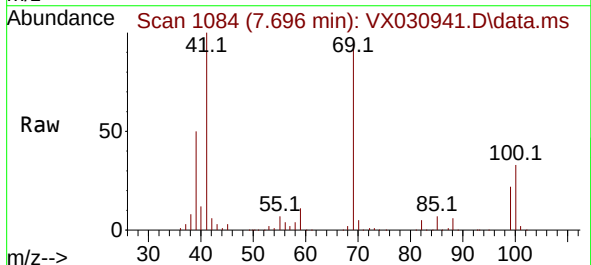
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

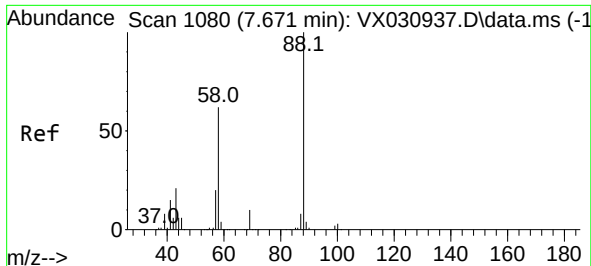
Tgt Ion: 83 Resp: 171927
Ion Ratio Lower Upper
83 100
85 63.9 53.5 80.3
127 9.7 6.6 10.0



#48
Methyl methacrylate
Concen: 50.099 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 41 Resp: 143971
Ion Ratio Lower Upper
41 100
69 93.4 68.8 103.2
39 51.3 44.6 66.8





#49

1,4-Dioxane

Concen: 1087.802 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.012 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

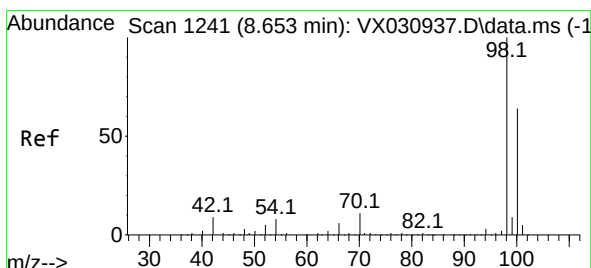
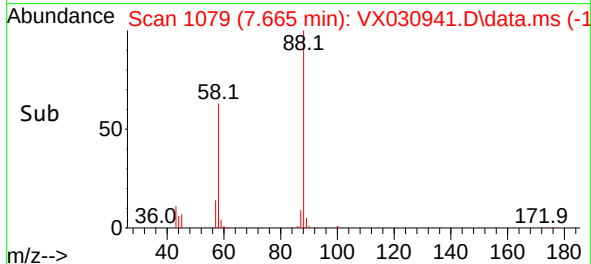
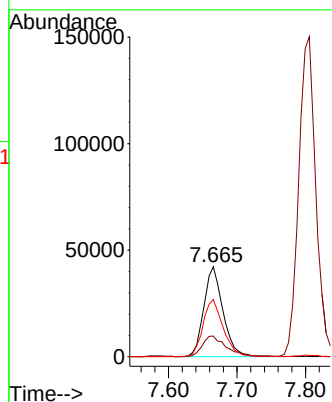
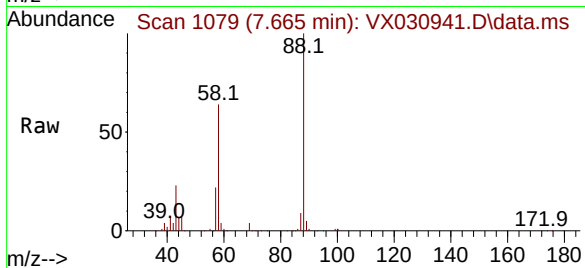
Tgt Ion: 88 Resp: 82154

Ion Ratio Lower Upper

88 100

43 28.4 23.8 35.8

58 67.0 53.8 80.6



#50

Toluene-d8

Concen: 50.056 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX030941.D

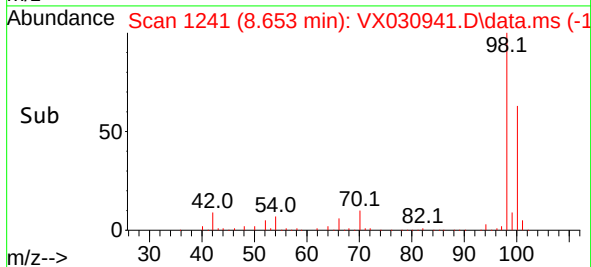
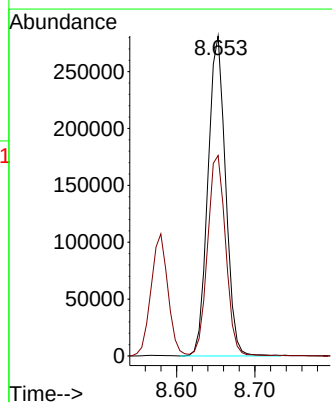
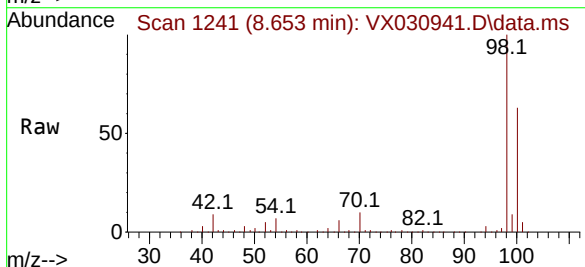
Acq: 30 Aug 2022 16:03

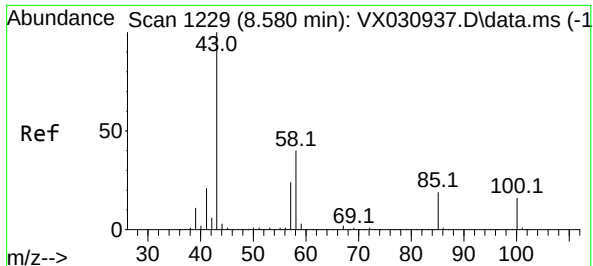
Tgt Ion: 98 Resp: 438933

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

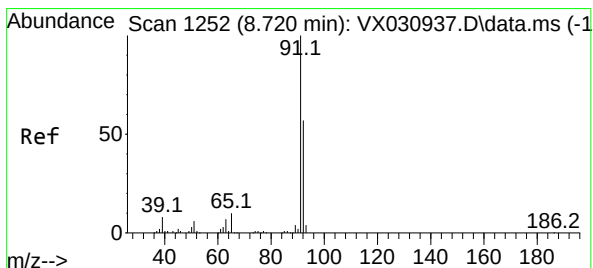
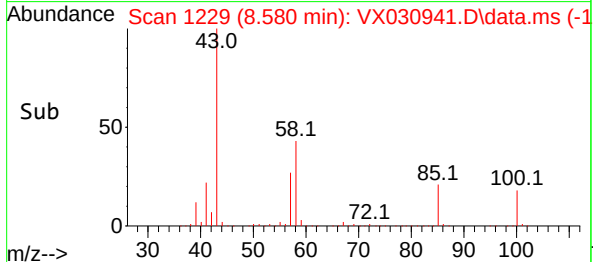
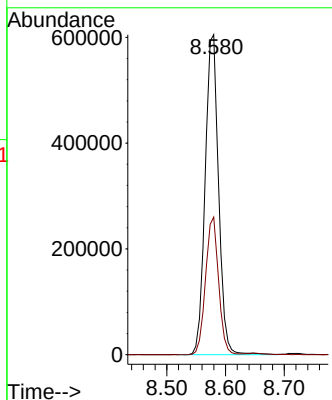
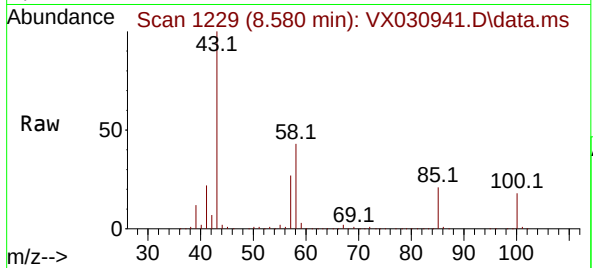




#51
4-Methyl-2-Pentanone
Concen: 253.733 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

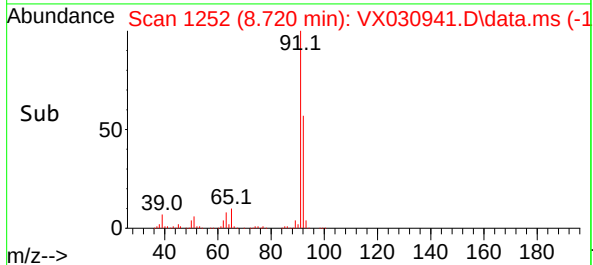
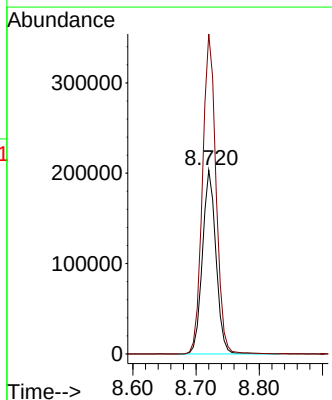
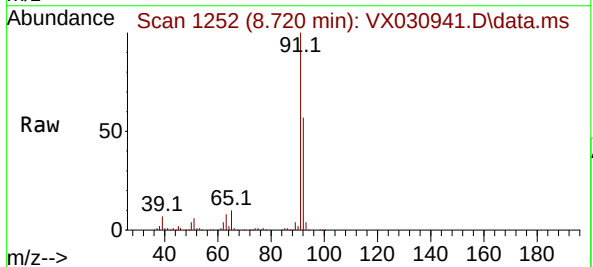
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

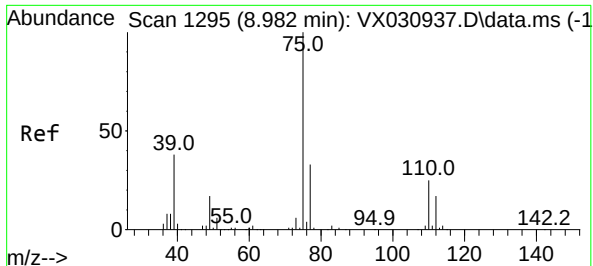
Tgt Ion: 43 Resp: 961470
Ion Ratio Lower Upper
43 100
58 41.8 31.4 47.2



#52
Toluene
Concen: 48.961 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 92 Resp: 303441
Ion Ratio Lower Upper
92 100
91 174.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 51.703 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

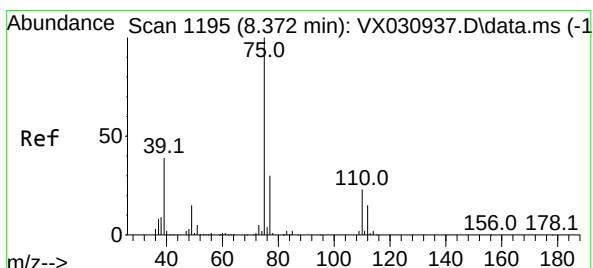
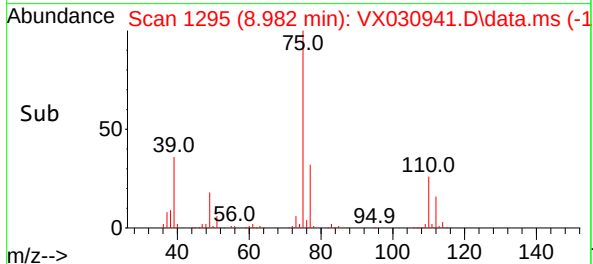
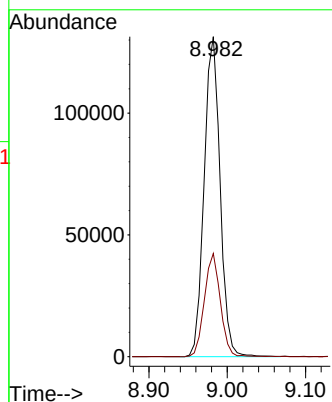
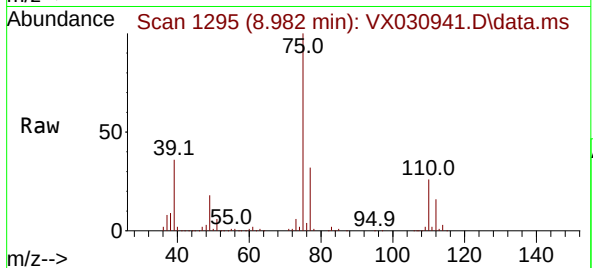
VSTDCCC050

Tgt Ion: 75 Resp: 185436

Ion Ratio Lower Upper

75 100

77 32.3 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 49.903 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

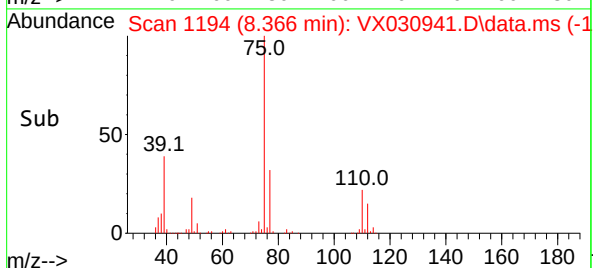
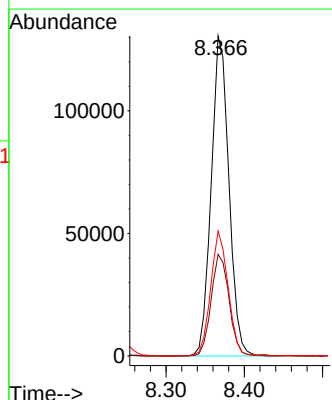
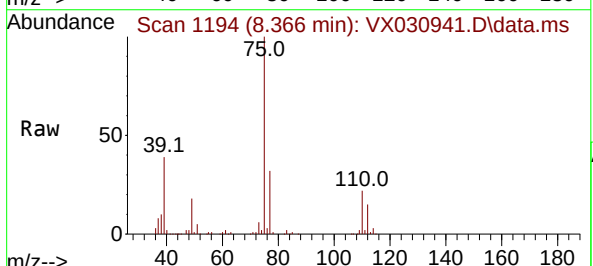
Tgt Ion: 75 Resp: 204756

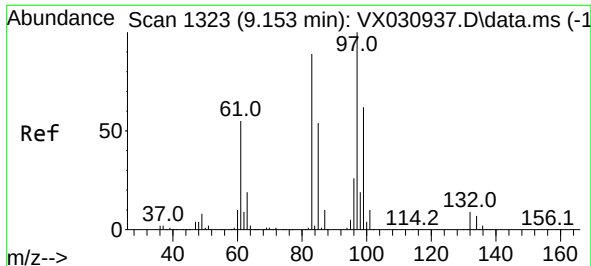
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 39.0 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 50.620 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 136082

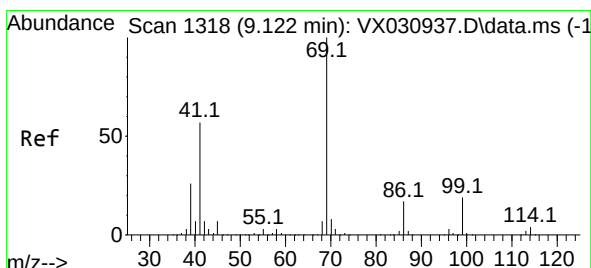
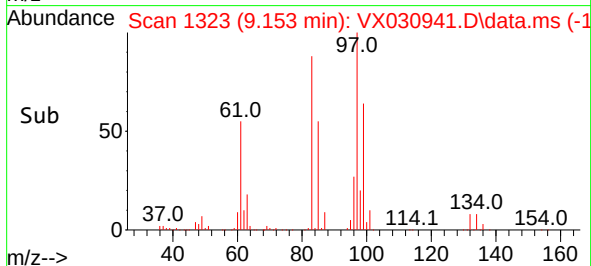
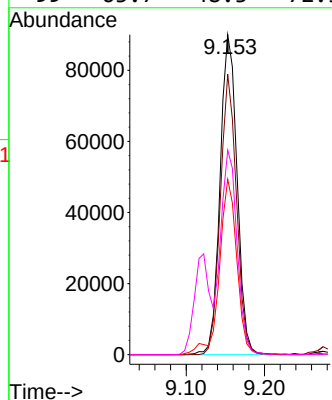
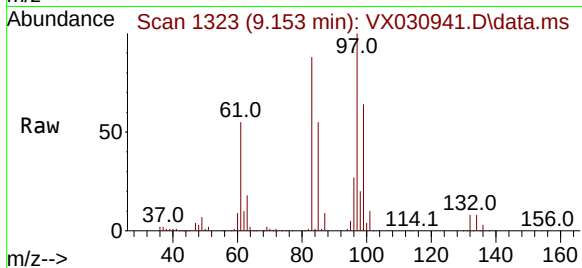
Ion Ratio Lower Upper

97 100

83 87.6 68.9 103.3

85 54.8 44.0 66.0

99 63.7 48.3 72.5



#56

Ethyl methacrylate

Concen: 53.296 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

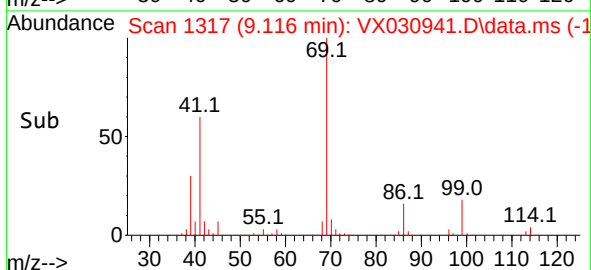
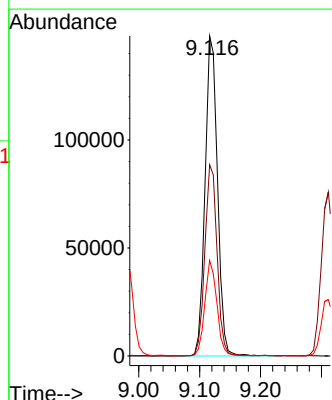
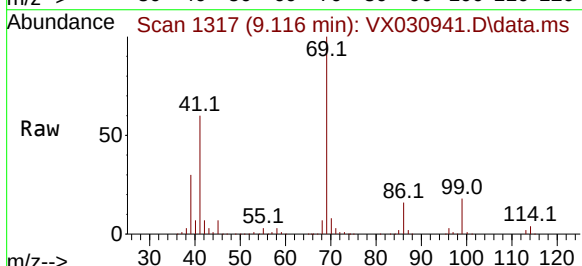
Tgt Ion: 69 Resp: 209837

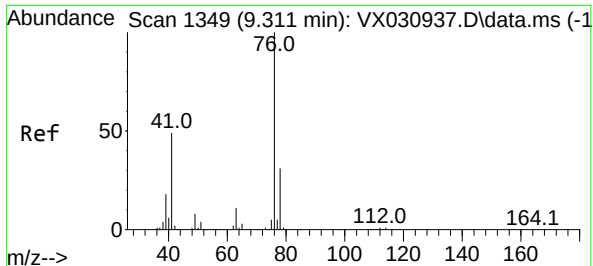
Ion Ratio Lower Upper

69 100

41 59.3 52.3 78.5

39 28.9 28.2 42.4





#57

1,3-Dichloropropane

Concen: 49.929 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

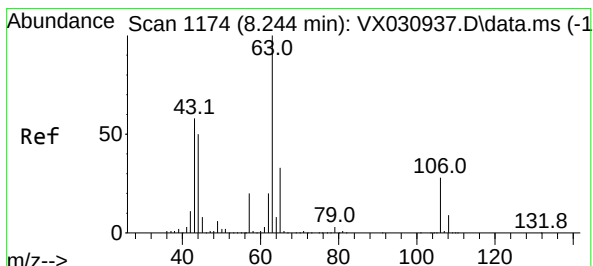
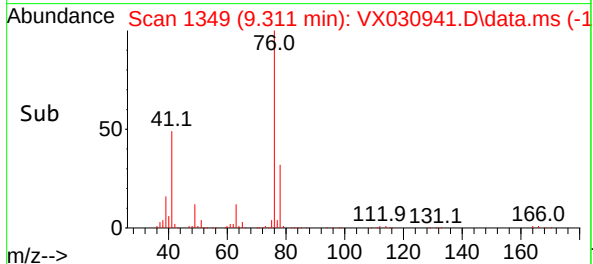
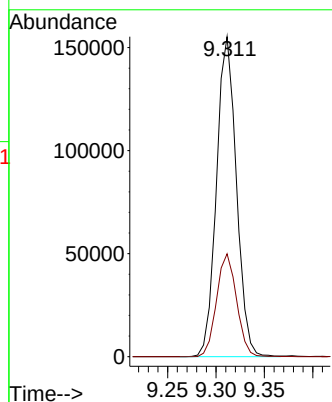
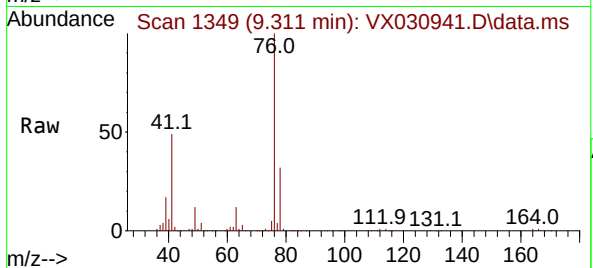
VSTDCCC050

Tgt Ion: 76 Resp: 221372

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 274.448 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.012 min

Lab File: VX030941.D

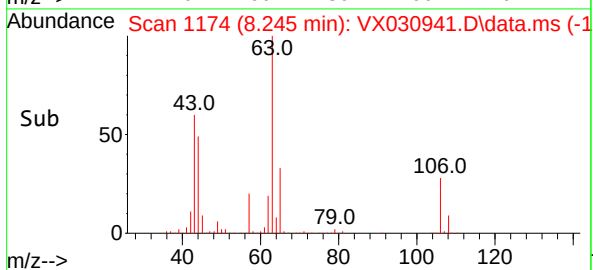
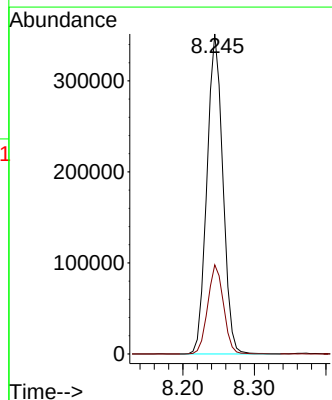
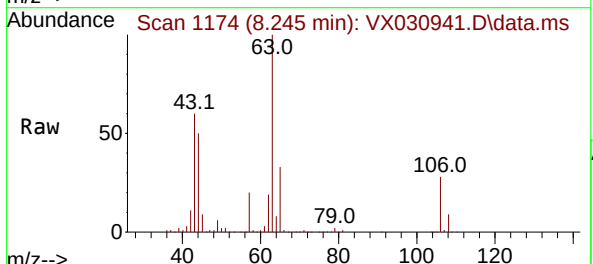
Acq: 30 Aug 2022 16:03

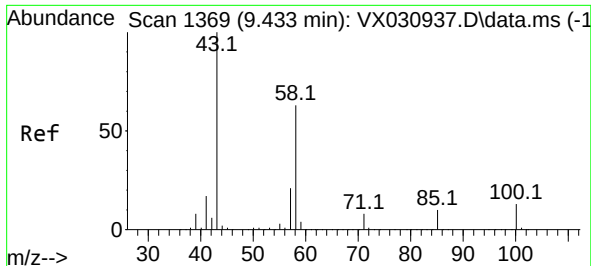
Tgt Ion: 63 Resp: 542712

Ion Ratio Lower Upper

63 100

106 27.6 22.2 33.2





#59

2-Hexanone

Concen: 265.524 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

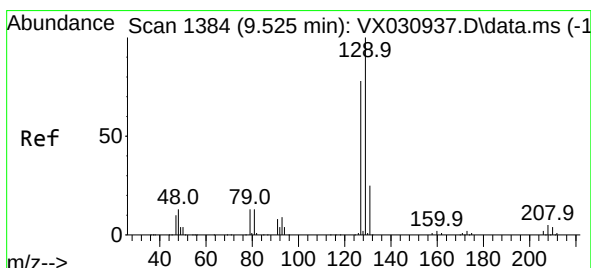
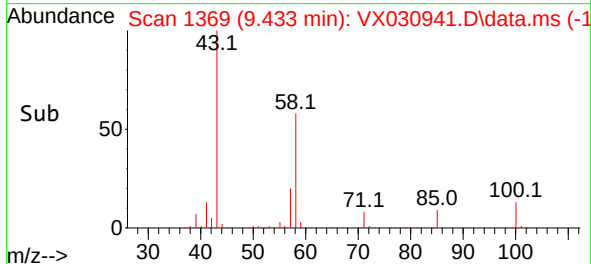
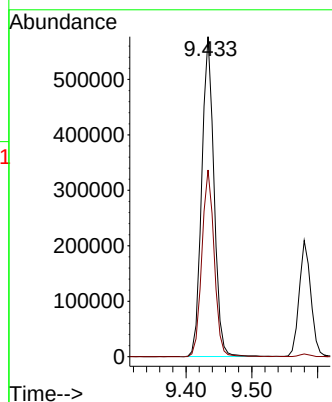
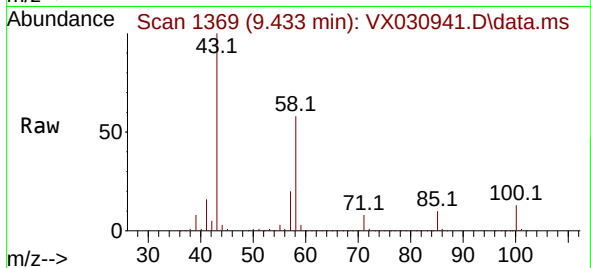
VSTDCCC050

Tgt Ion: 43 Resp: 748187

Ion Ratio Lower Upper

43 100

58 58.8 27.6 82.8



#60

Dibromochloromethane

Concen: 51.998 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030941.D

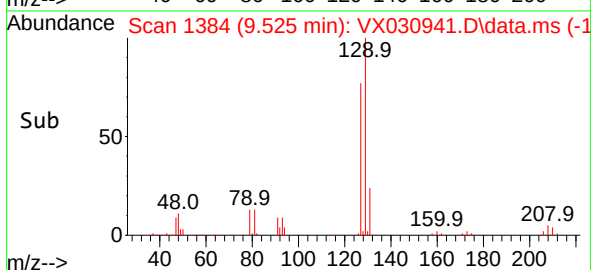
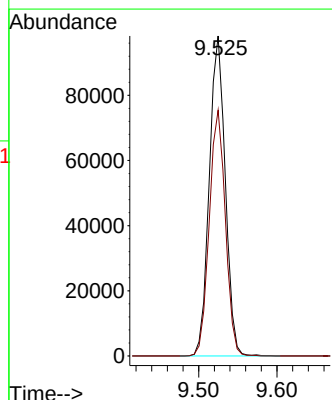
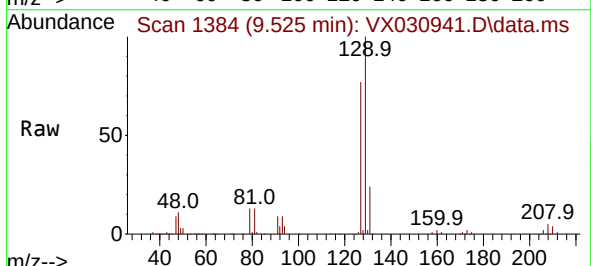
Acq: 30 Aug 2022 16:03

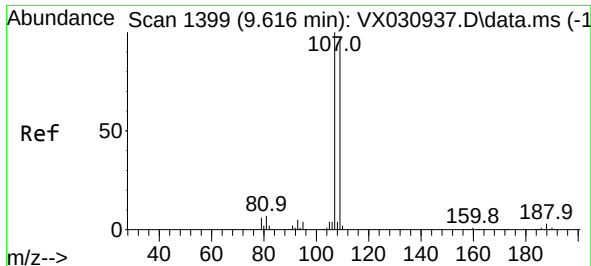
Tgt Ion: 129 Resp: 138926

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.5

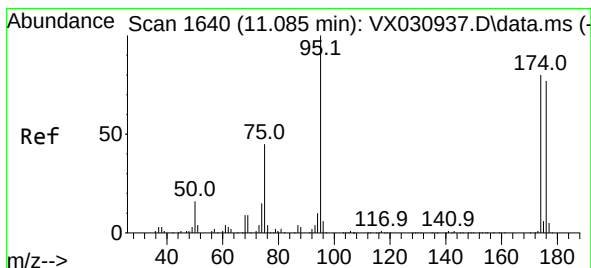
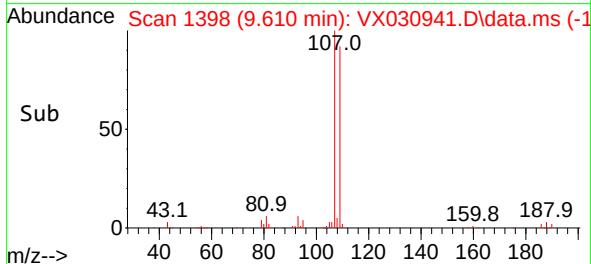
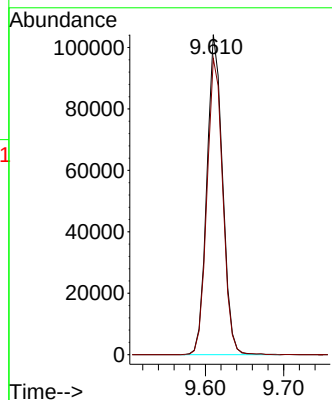
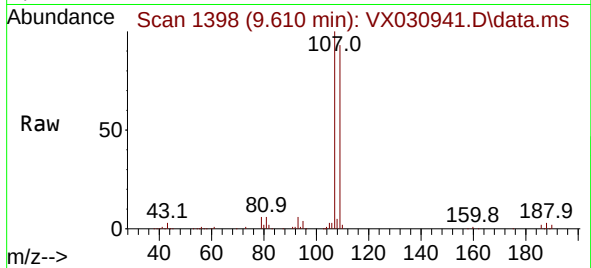




#61
1,2-Dibromoethane
Concen: 52.078 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

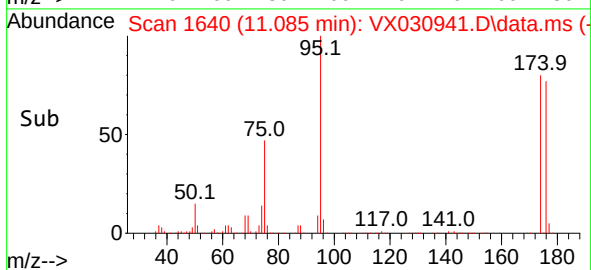
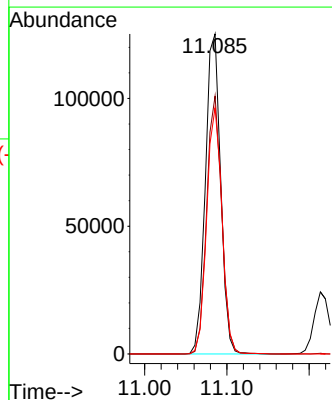
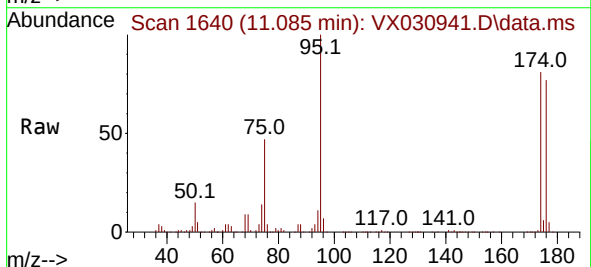
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

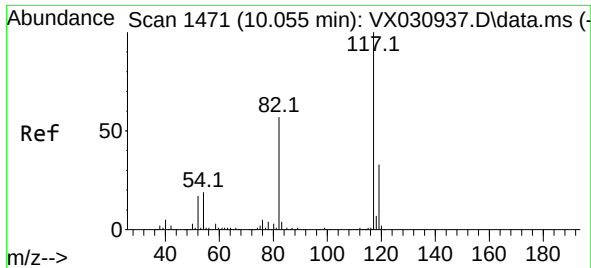
Tgt Ion:107 Resp: 144543
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.631 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 95 Resp: 161223
Ion Ratio Lower Upper
95 100
174 79.7 0.0 149.0
176 77.4 0.0 146.0

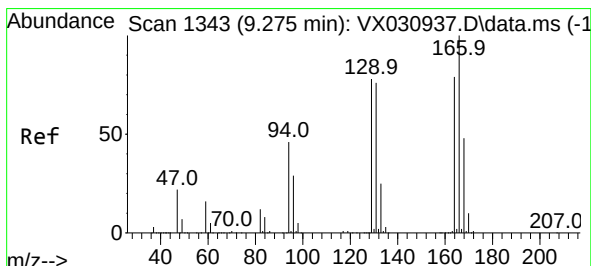
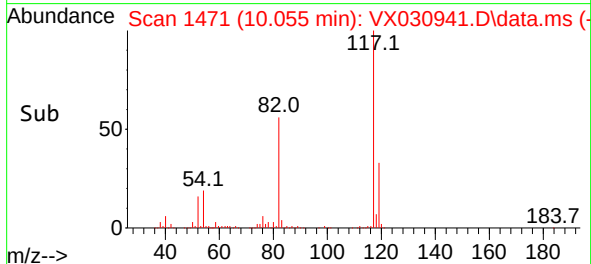
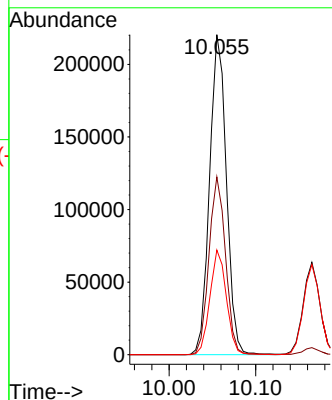
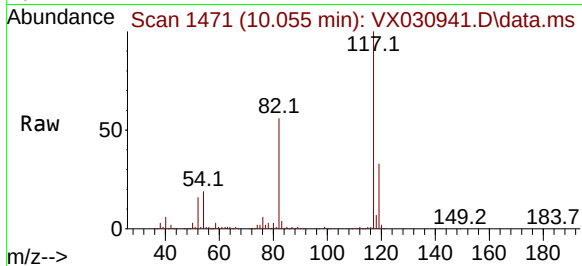




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

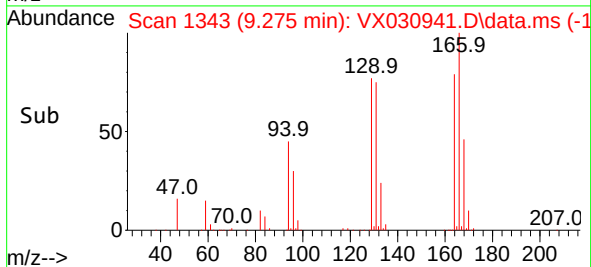
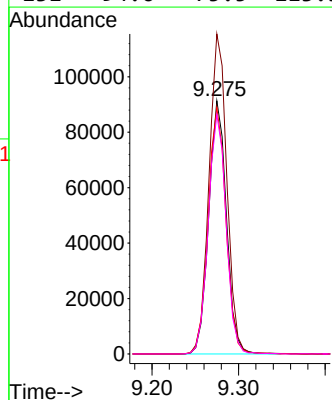
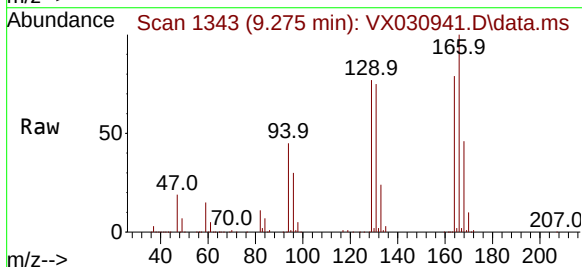
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

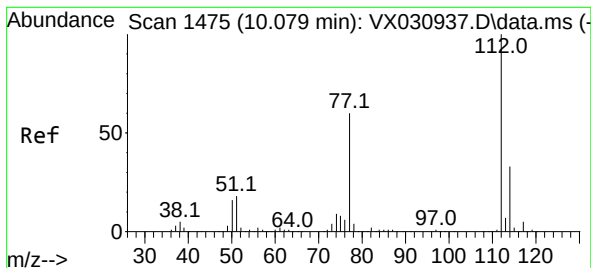
Tgt Ion:117 Resp: 297329
Ion Ratio Lower Upper
117 100
82 55.5 42.7 64.1
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 46.040 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion:164 Resp: 129478
Ion Ratio Lower Upper
164 100
166 126.4 98.2 147.4
129 97.4 80.8 121.2
131 94.6 75.5 113.3

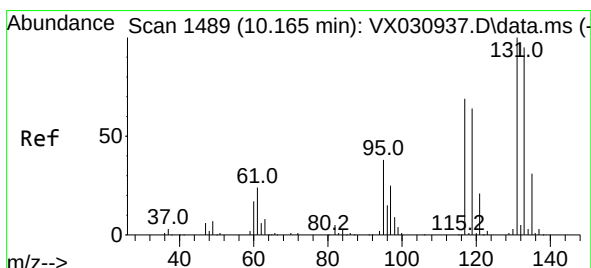
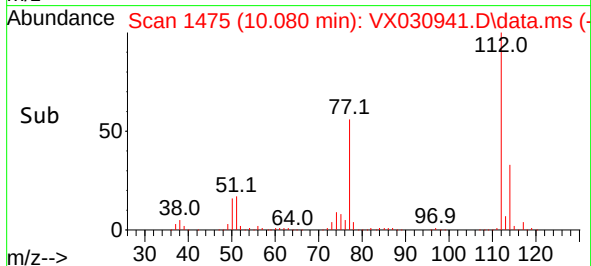
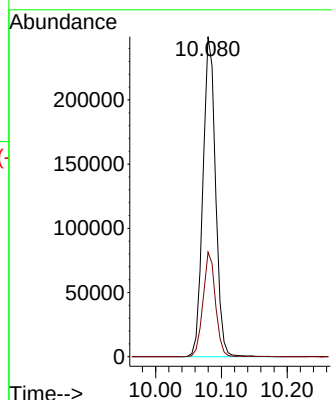
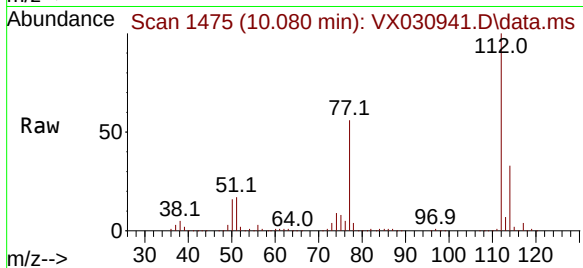




#65
Chlorobenzene
Concen: 47.258 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

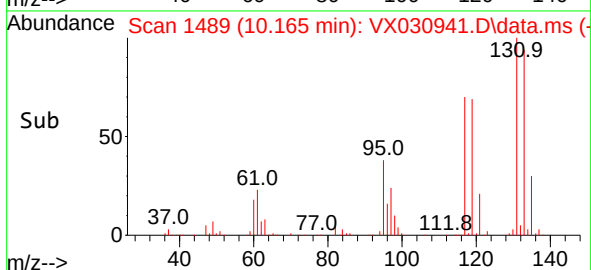
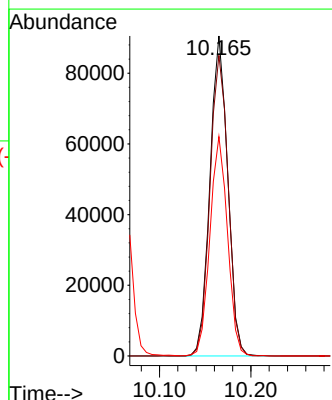
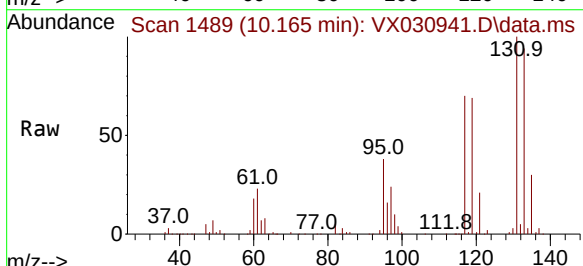
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

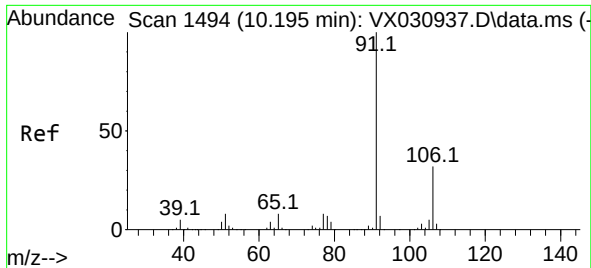
Tgt Ion:112 Resp: 332252
Ion Ratio Lower Upper
112 100
114 32.6 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.947 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion:131 Resp: 121929
Ion Ratio Lower Upper
131 100
133 96.2 46.9 140.8
119 67.9 34.4 103.1





#67

Ethyl Benzene

Concen: 48.393 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

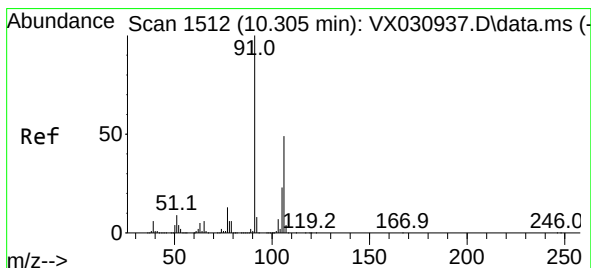
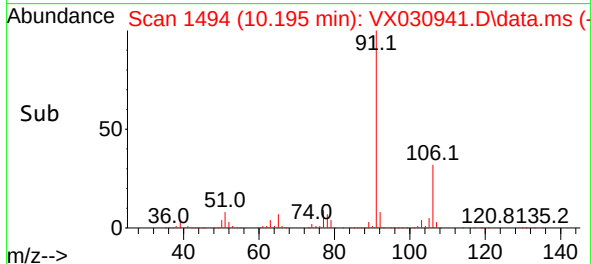
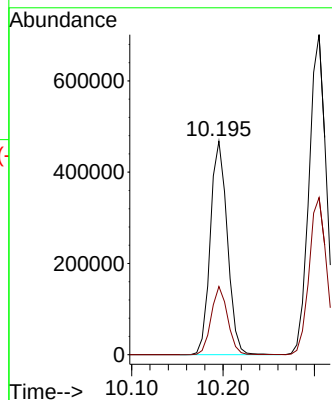
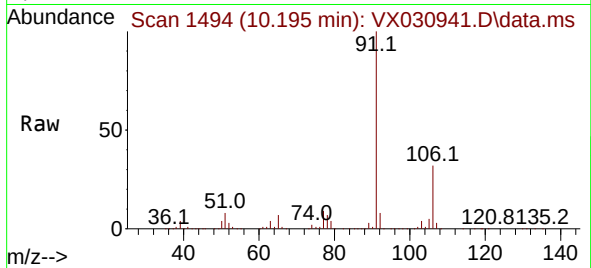
VSTDCCC050

Tgt Ion: 91 Resp: 603498

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 97.286 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030941.D

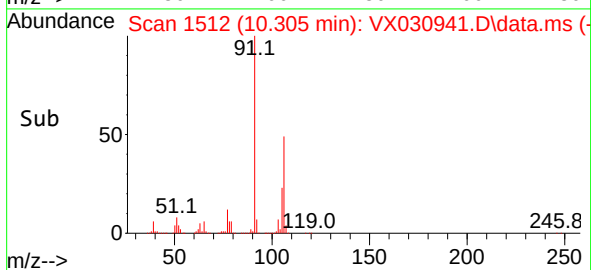
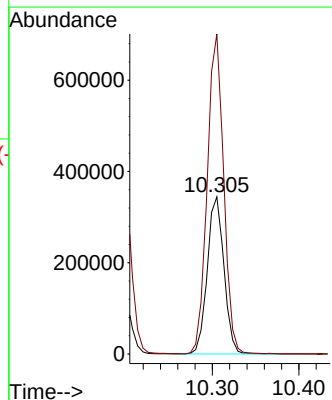
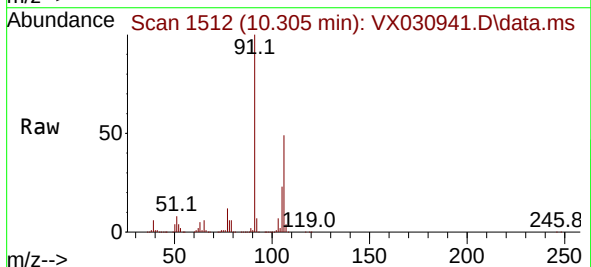
Acq: 30 Aug 2022 16:03

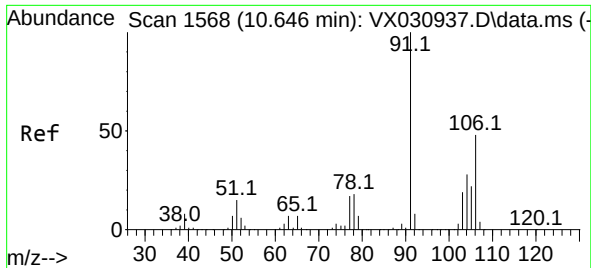
Tgt Ion: 106 Resp: 459543

Ion Ratio Lower Upper

106 100

91 201.6 158.2 237.4

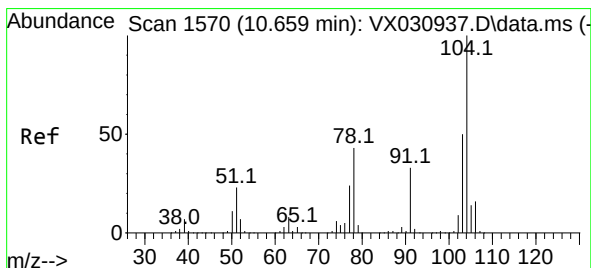
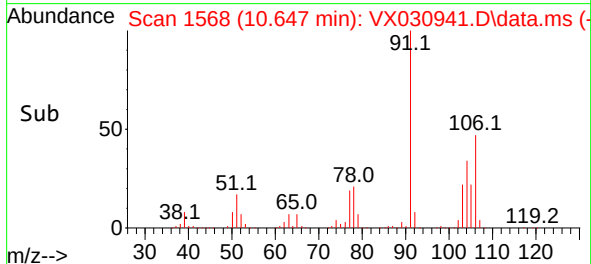
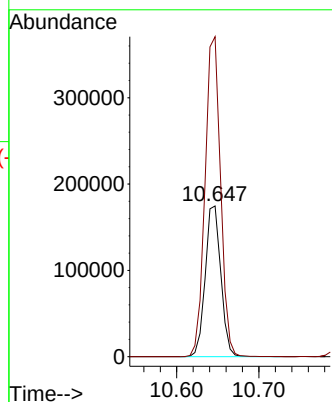
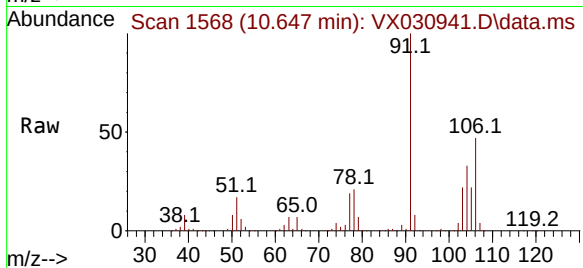




#69
o-Xylene
Concen: 49.731 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

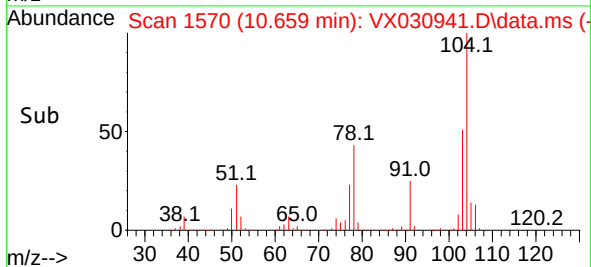
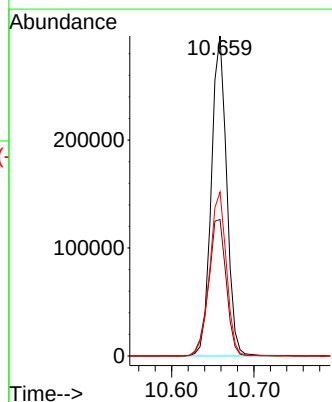
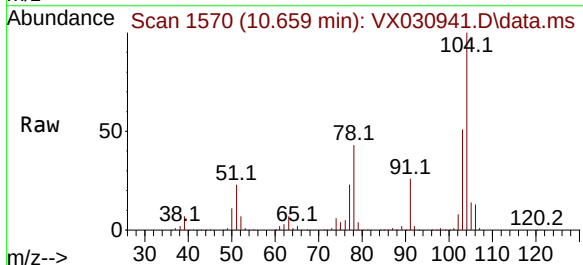
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

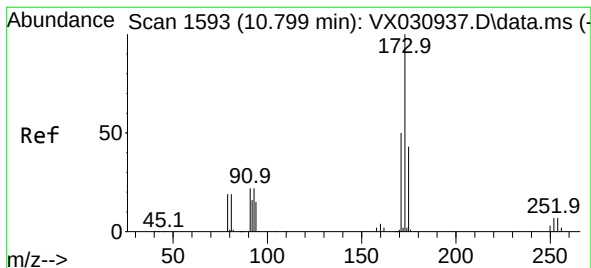
Tgt Ion:106 Resp: 229912
Ion Ratio Lower Upper
106 100
91 211.8 103.8 311.6



#70
Styrene
Concen: 49.168 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion:104 Resp: 383725
Ion Ratio Lower Upper
104 100
78 49.3 37.8 56.8
103 55.8 44.5 66.7





#71

Bromoform

Concen: 52.308 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

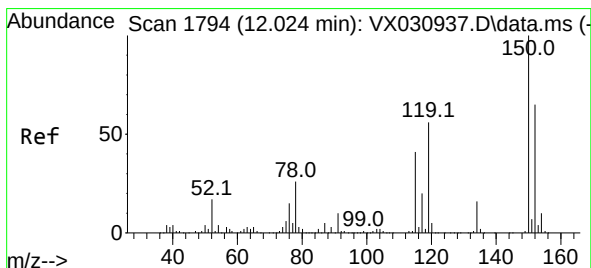
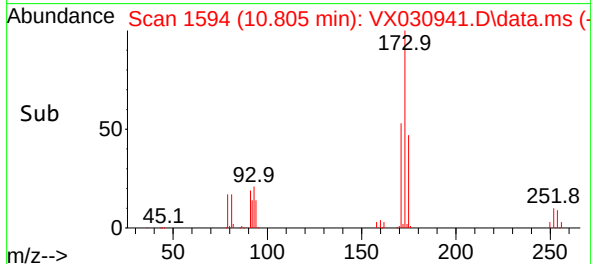
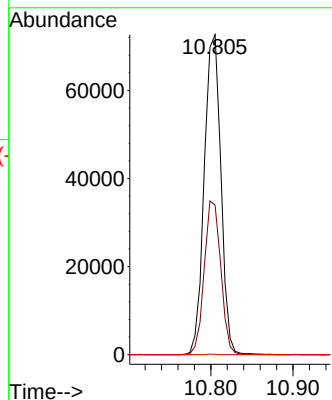
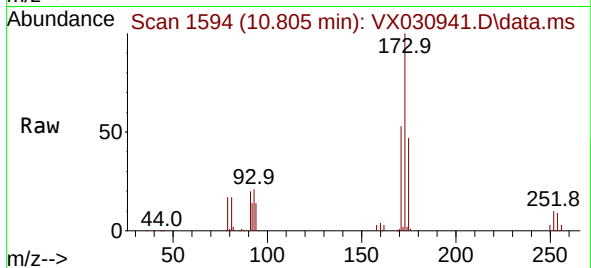
Tgt Ion:173 Resp: 102244

Ion Ratio Lower Upper

173 100

175 47.9 23.8 71.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

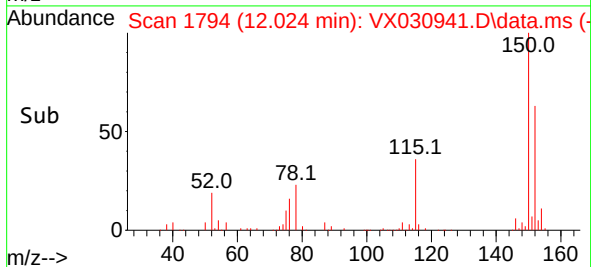
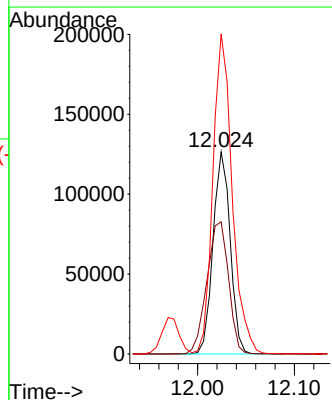
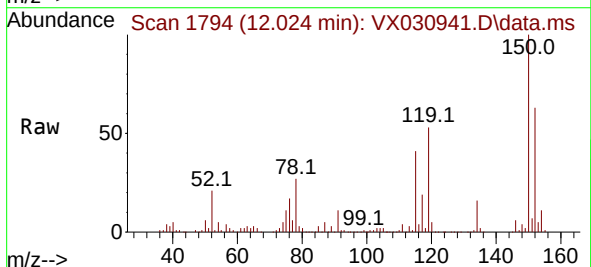
Tgt Ion:152 Resp: 155953

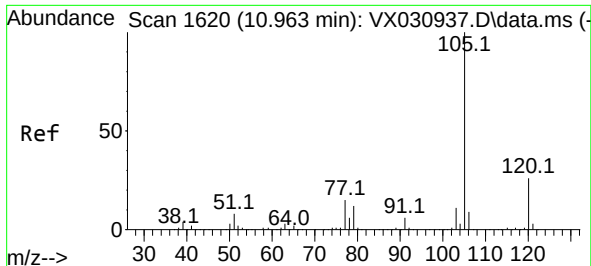
Ion Ratio Lower Upper

152 100

115 82.5 40.5 121.5

150 177.4 0.0 347.0

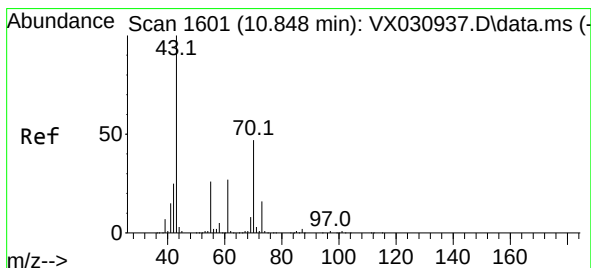
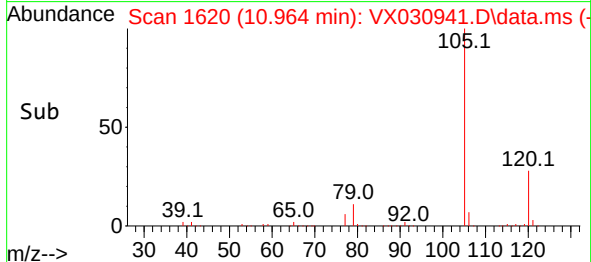
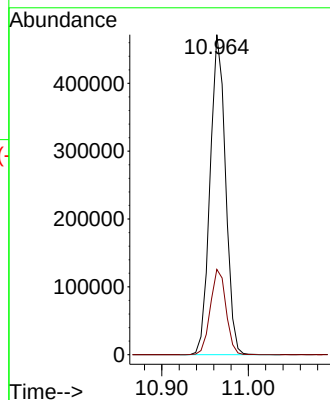
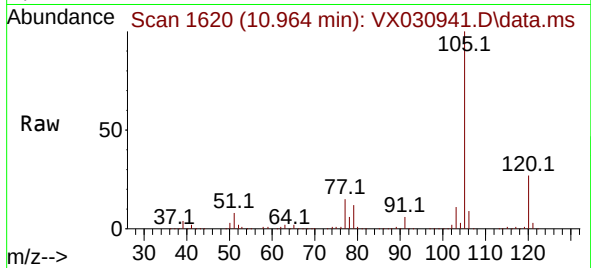




#73
Isopropylbenzene
Concen: 47.422 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

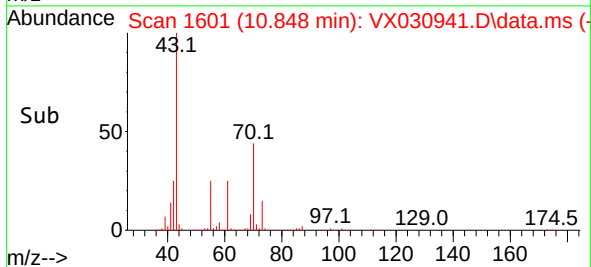
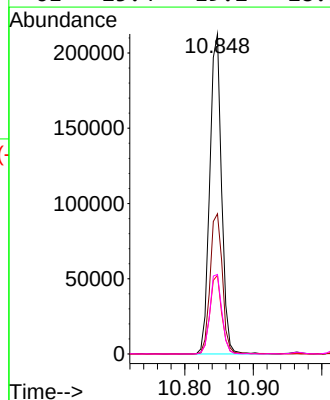
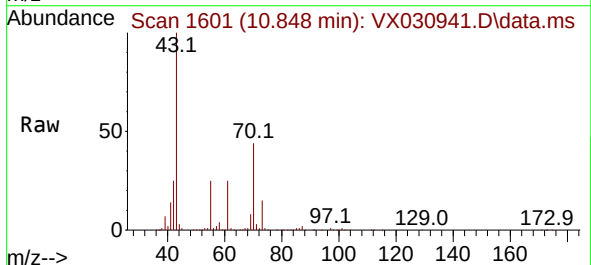
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

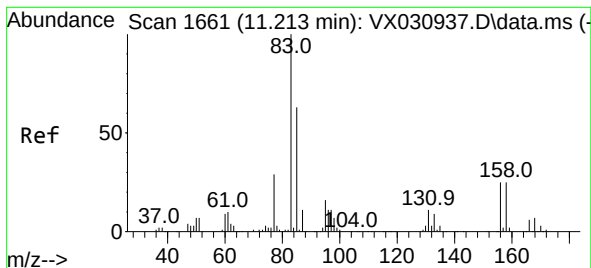
Tgt Ion:105 Resp: 585097
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 53.408 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 43 Resp: 254756
Ion Ratio Lower Upper
43 100
70 45.6 32.3 48.5
55 24.7 18.4 27.6
61 25.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.803 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.001 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

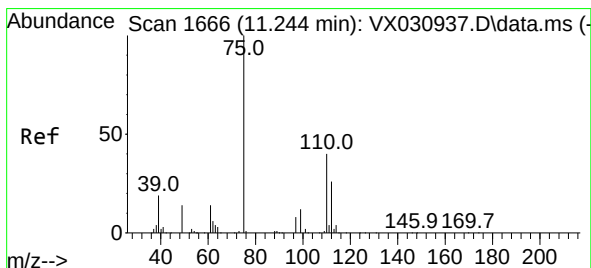
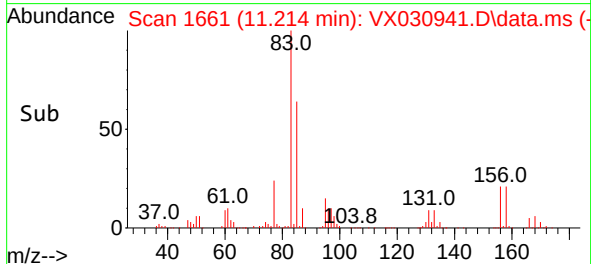
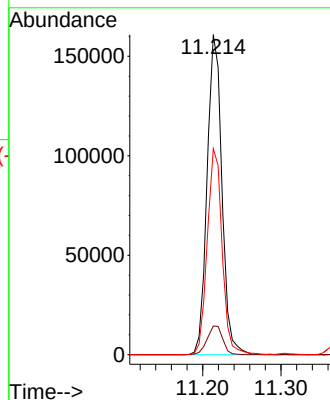
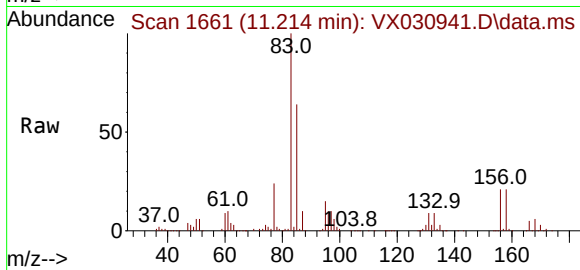
Tgt Ion: 83 Resp: 210514

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

85 64.6 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 62.711 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.000 min

Lab File: VX030941.D

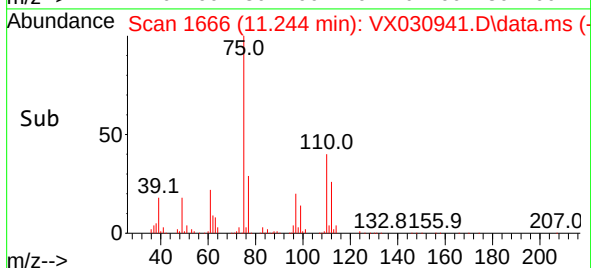
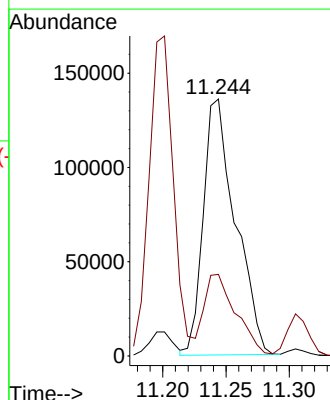
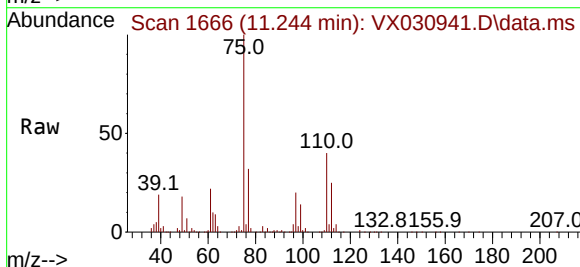
Acq: 30 Aug 2022 16:03

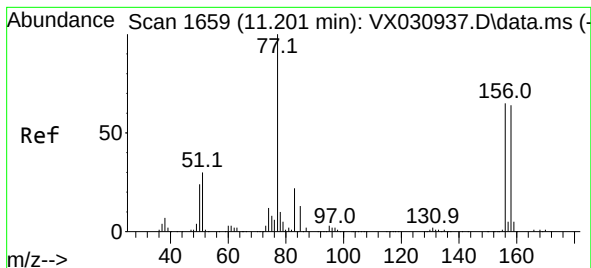
Tgt Ion: 75 Resp: 240771

Ion Ratio Lower Upper

75 100

77 31.5 19.8 59.3





#77

Bromobenzene

Concen: 48.867 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

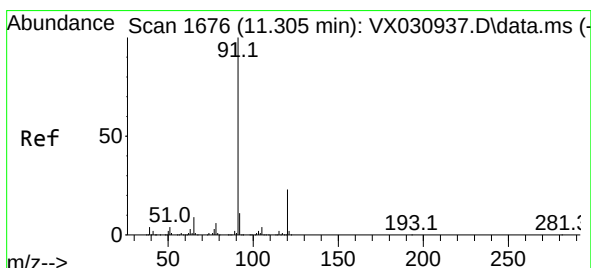
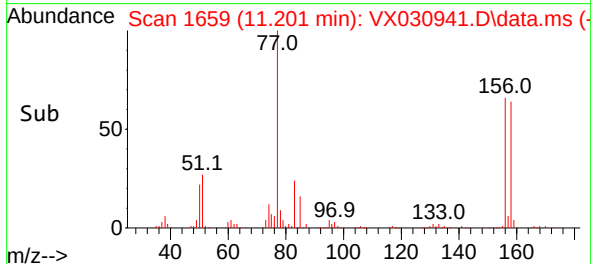
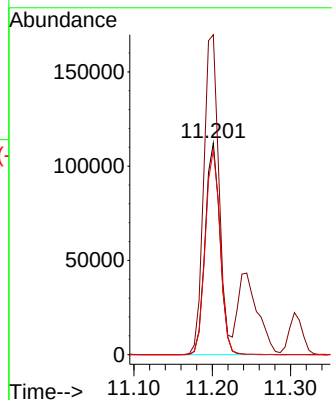
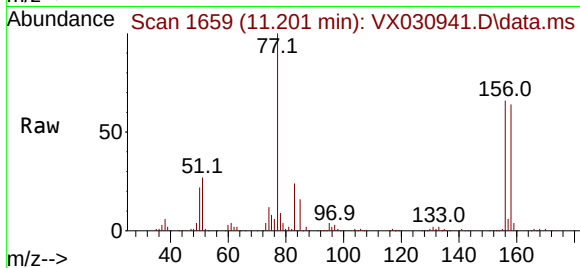
Tgt Ion:156 Resp: 146104

Ion Ratio Lower Upper

156 100

77 156.9 82.7 247.9

158 97.7 47.5 142.5



#78

n-propylbenzene

Concen: 47.653 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030941.D

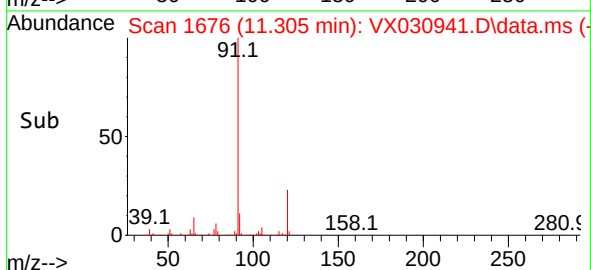
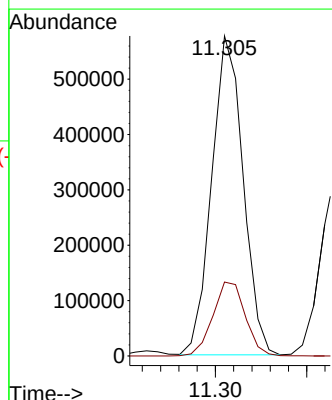
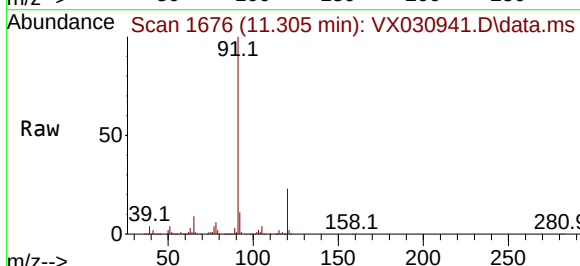
Acq: 30 Aug 2022 16:03

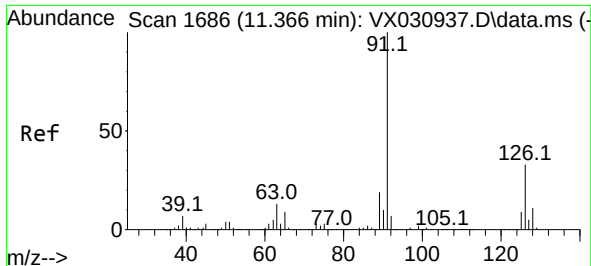
Tgt Ion: 91 Resp: 689042

Ion Ratio Lower Upper

91 100

120 24.0 11.6 34.8

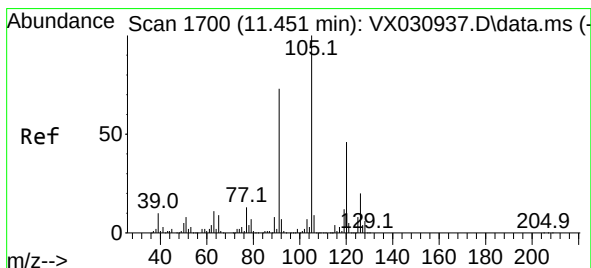
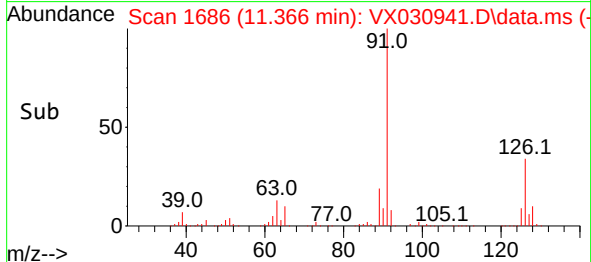
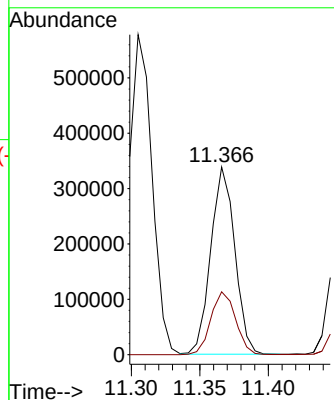
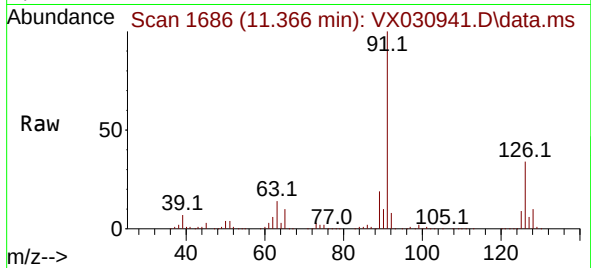




#79
2-Chlorotoluene
Concen: 45.981 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

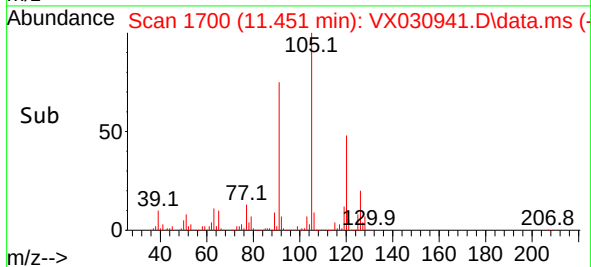
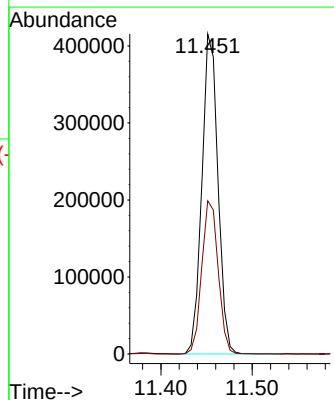
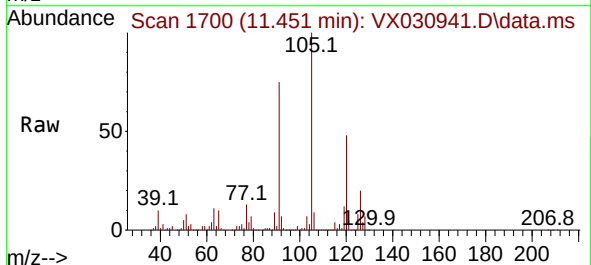
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

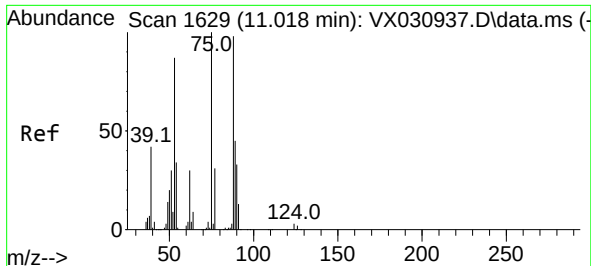
Tgt Ion: 91 Resp: 412950
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.879 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 105 Resp: 508159
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.2

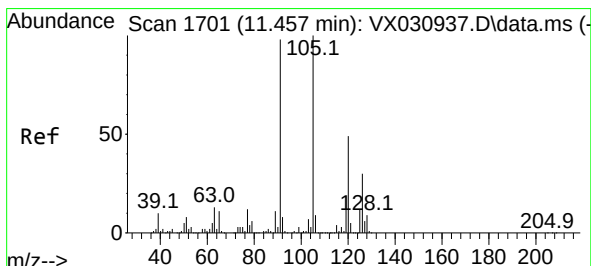
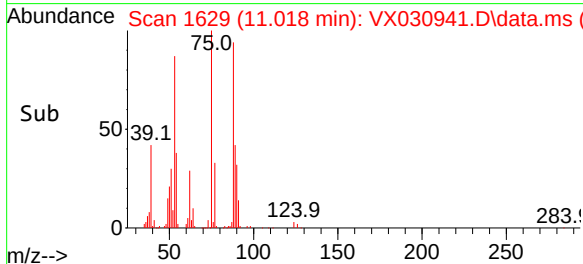
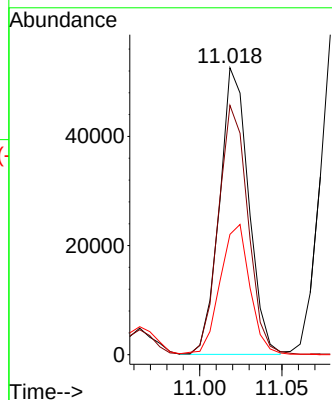
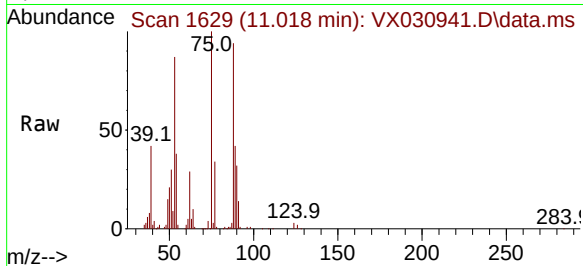




#81
trans-1,4-Dichloro-2-butene
Concen: 50.009 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

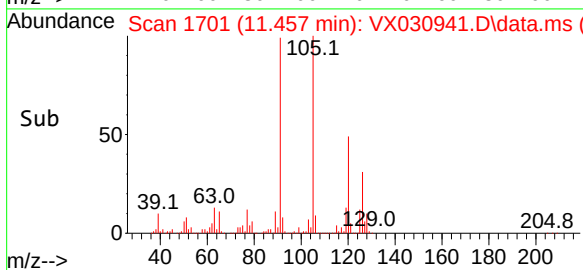
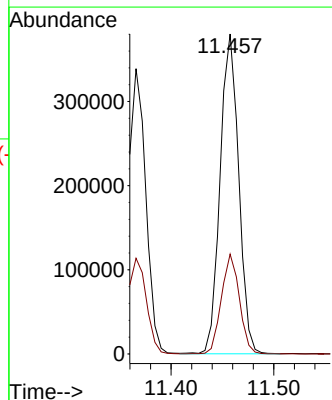
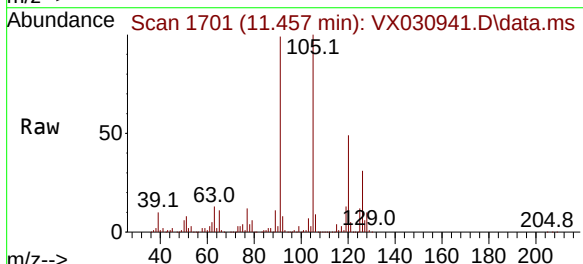
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

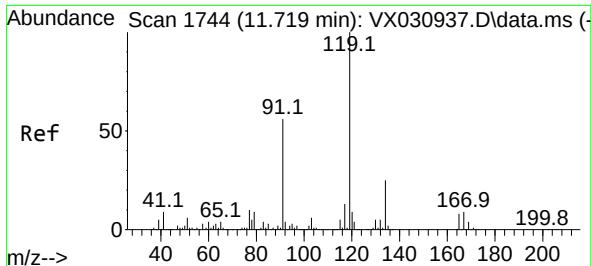
Tgt Ion: 75 Resp: 64579
Ion Ratio Lower Upper
75 100
53 87.9 74.2 111.4
89 46.6 34.8 52.2



#82
4-Chlorotoluene
Concen: 47.408 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 91 Resp: 475976
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

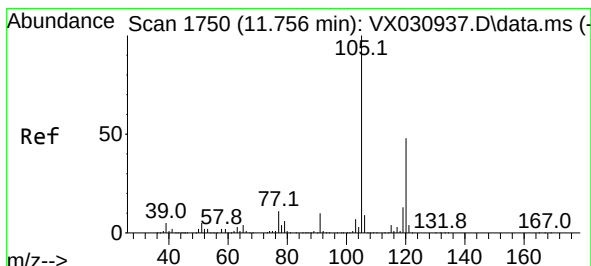
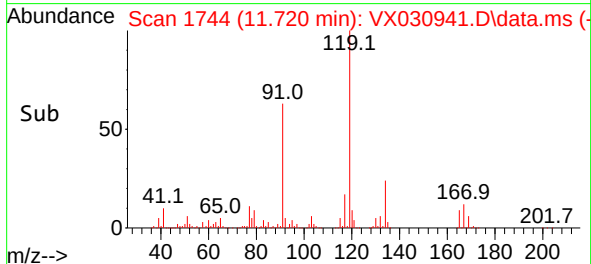
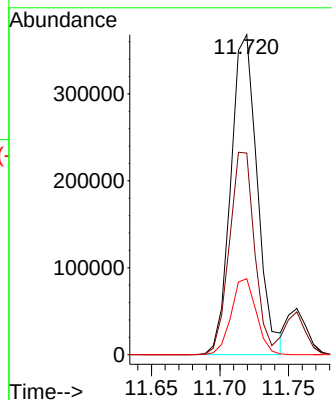
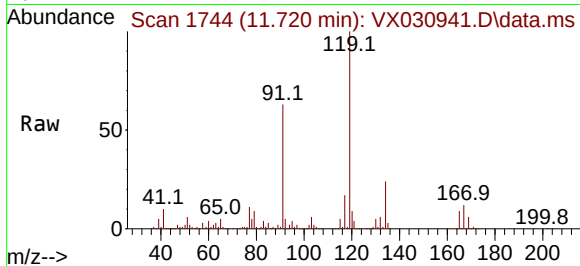




#83
 tert-Butylbenzene
 Concen: 48.532 ug/l
 RT: 11.720 min Scan# 1744
 Delta R.T. 0.001 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

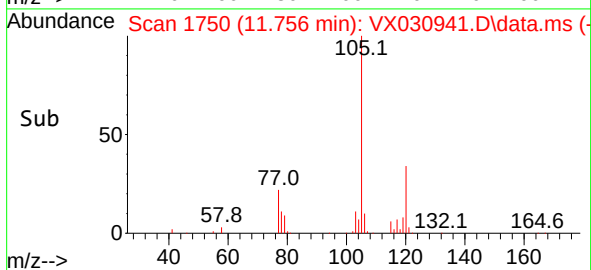
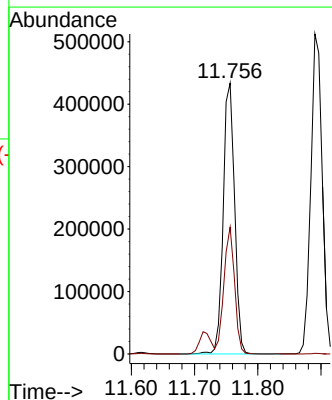
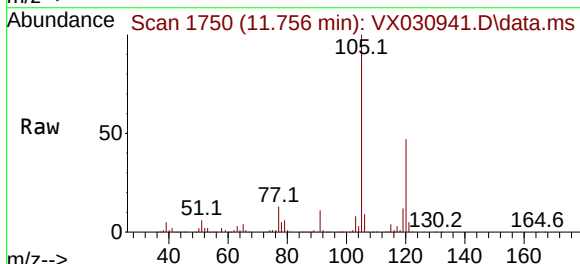
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

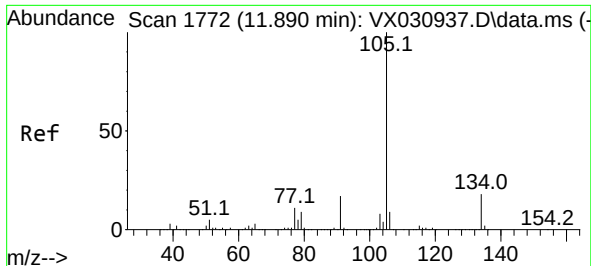
Tgt Ion:119 Resp: 495299
 Ion Ratio Lower Upper
 119 100
 91 60.1 28.3 84.9
 134 22.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.545 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

Tgt Ion:105 Resp: 537959
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.9 68.8

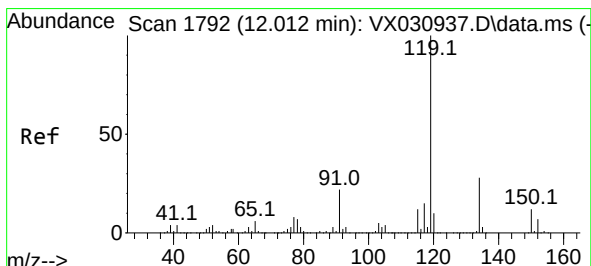
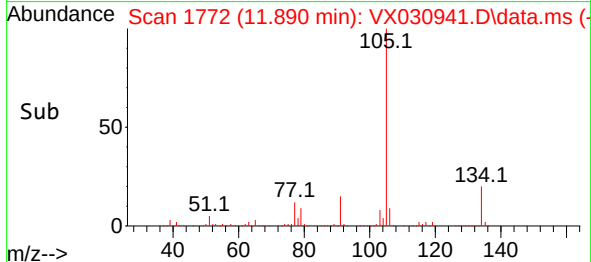
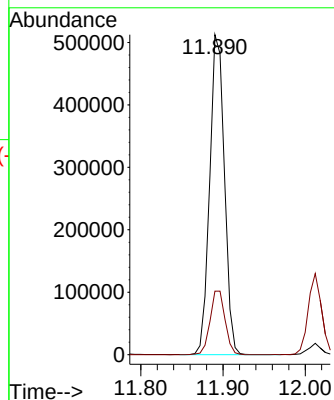
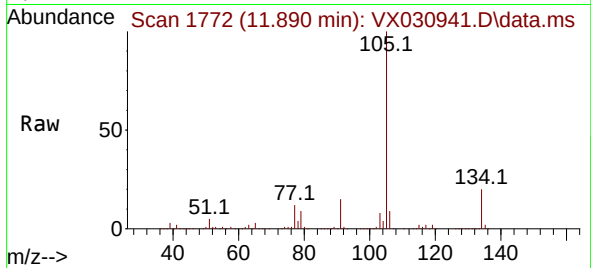




#85
 sec-Butylbenzene
 Concen: 48.246 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

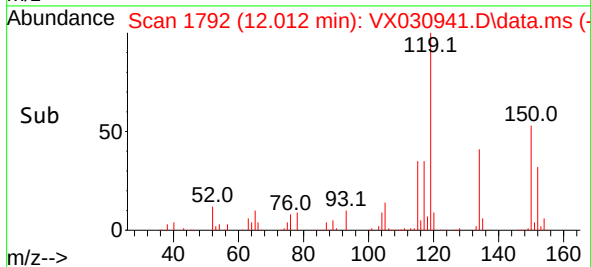
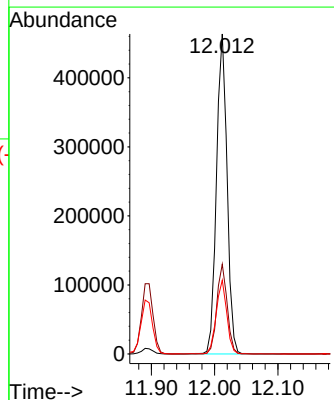
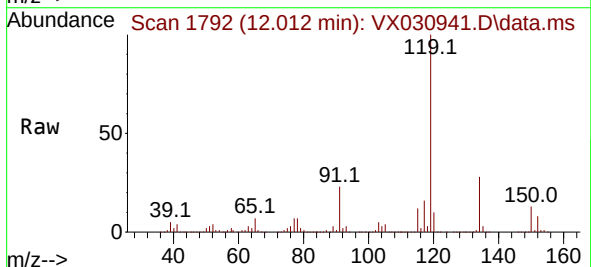
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

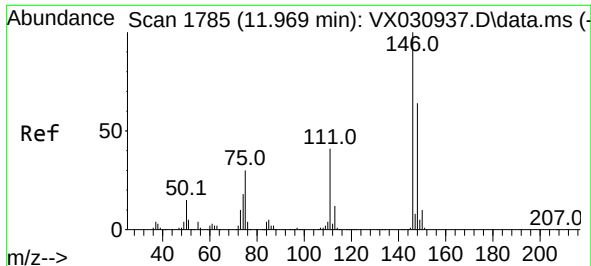
Tgt Ion:105 Resp: 639080
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.180 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

Tgt Ion:119 Resp: 540440
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.9 41.6
 91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.542 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

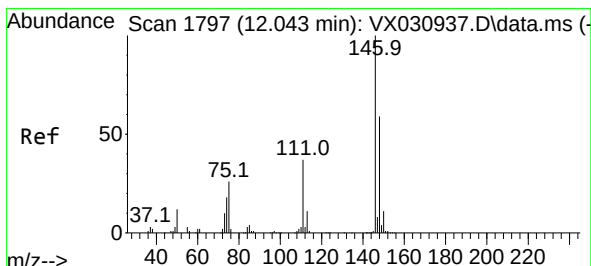
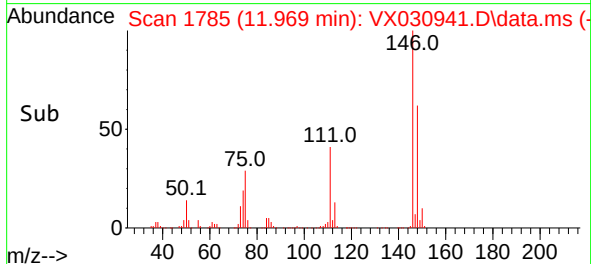
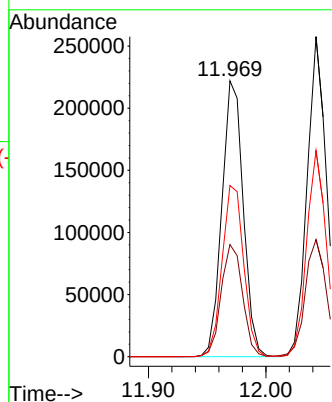
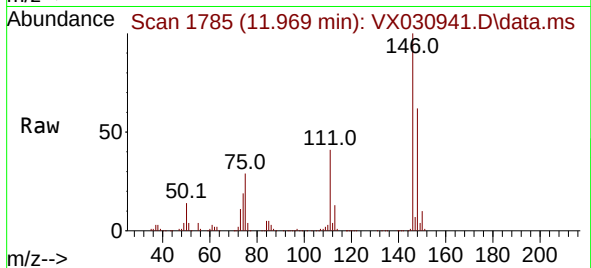
Tgt Ion:146 Resp: 280264

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 62.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.810 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

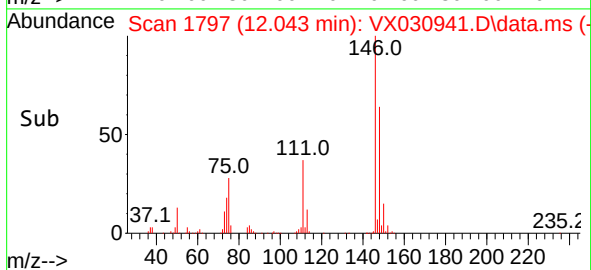
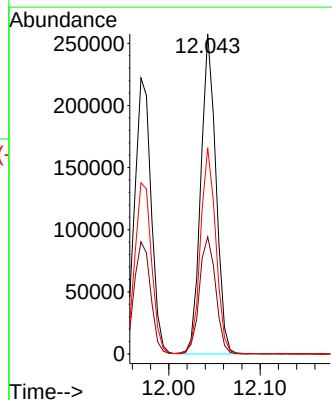
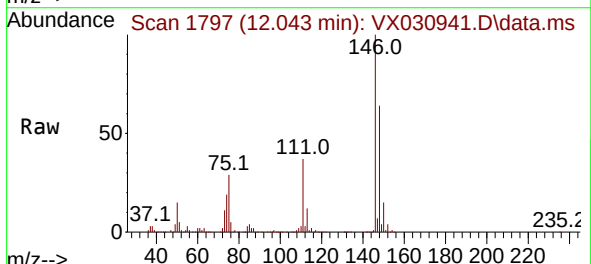
Tgt Ion:146 Resp: 295023

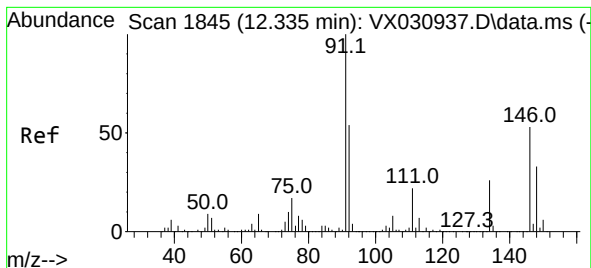
Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 65.1 32.3 96.8





#89

n-Butylbenzene

Concen: 49.124 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

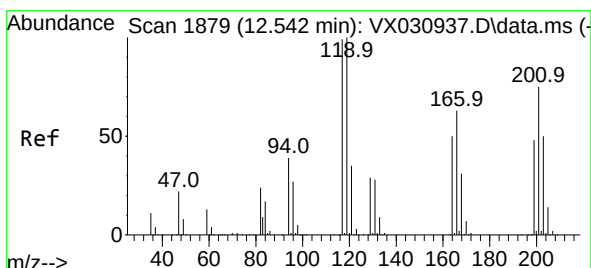
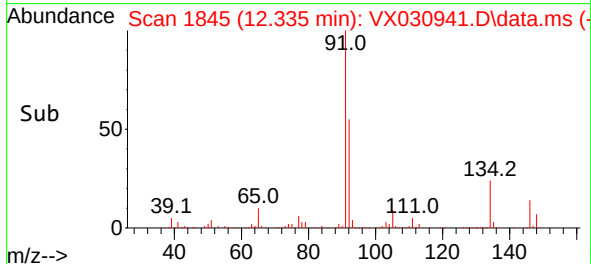
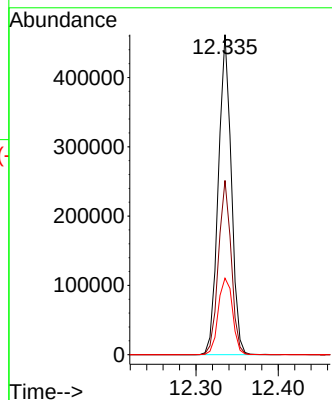
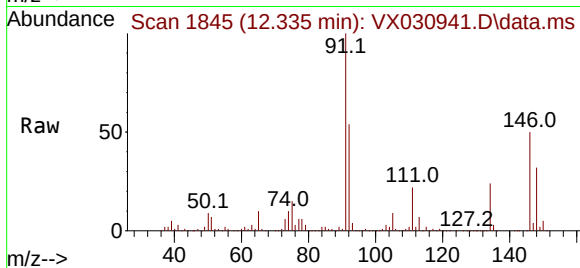
Tgt Ion: 91 Resp: 505250

Ion Ratio Lower Upper

91 100

92 53.8 26.2 78.5

134 26.4 12.6 37.8



#90

Hexachloroethane

Concen: 49.684 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.001 min

Lab File: VX030941.D

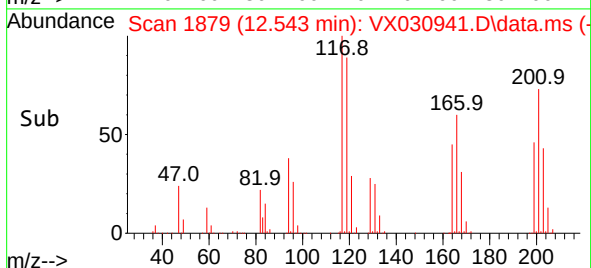
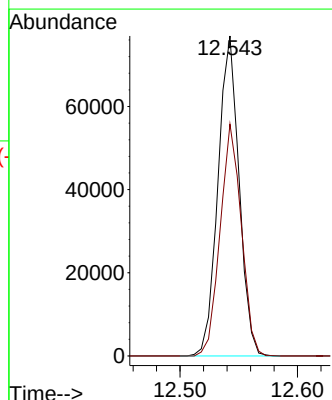
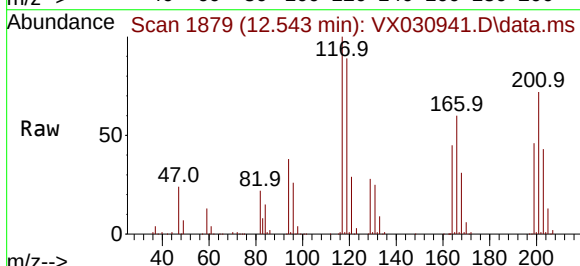
Acq: 30 Aug 2022 16:03

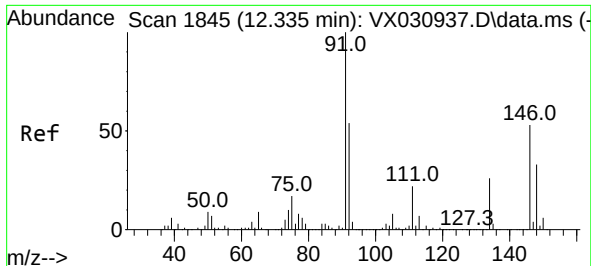
Tgt Ion: 117 Resp: 95859

Ion Ratio Lower Upper

117 100

201 72.9 34.2 102.5

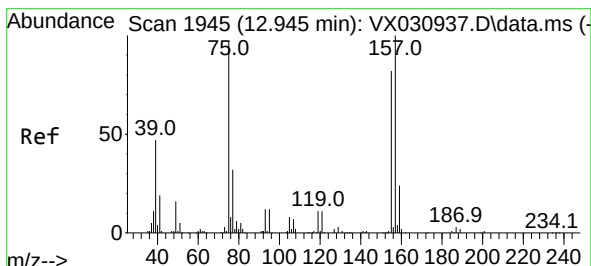
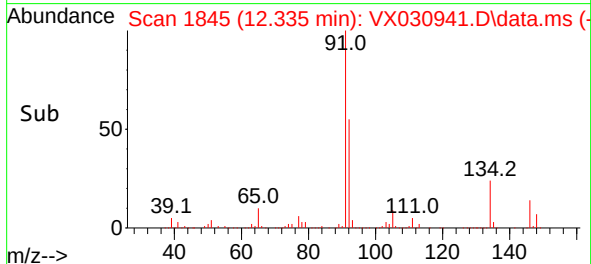
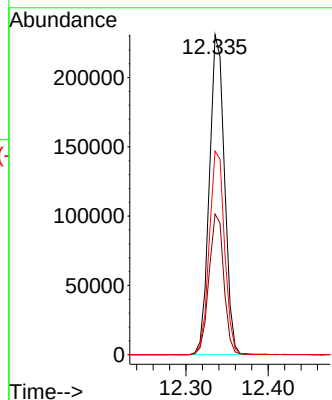
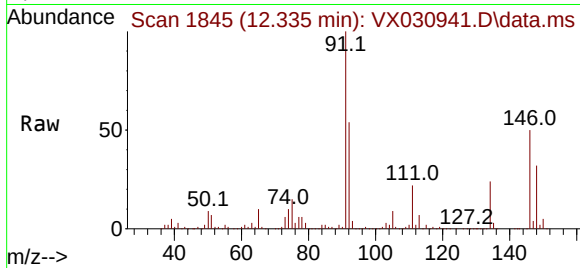




#91
1,2-Dichlorobenzene
Concen: 49.292 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

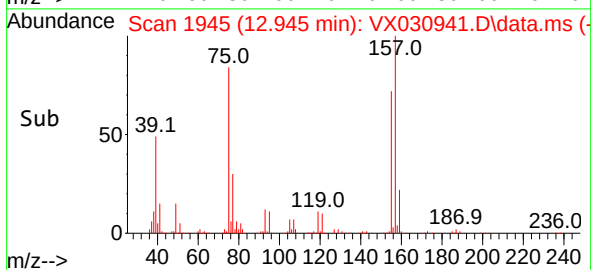
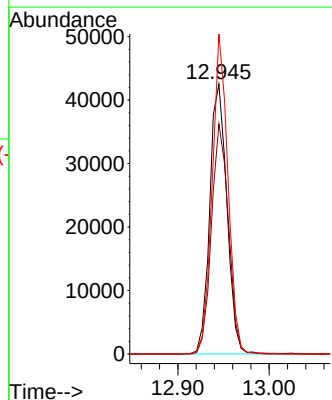
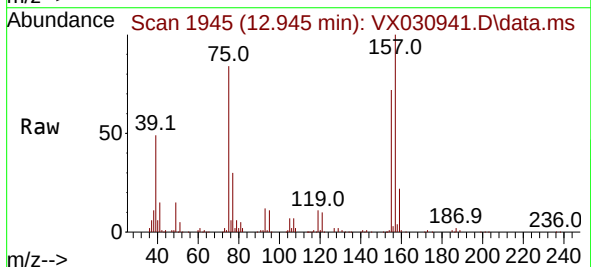
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

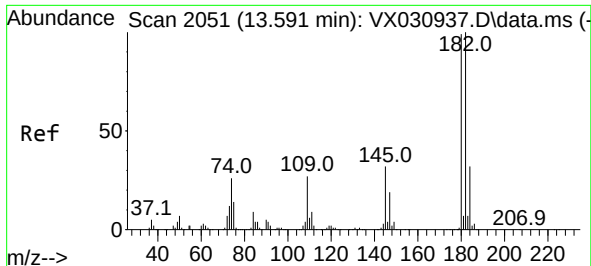
Tgt Ion:146 Resp: 294752
Ion Ratio Lower Upper
146 100
111 43.4 20.7 62.1
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.372 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030941.D
Acq: 30 Aug 2022 16:03

Tgt Ion: 75 Resp: 55222
Ion Ratio Lower Upper
75 100
155 84.7 45.0 134.8
157 109.3 56.9 170.7

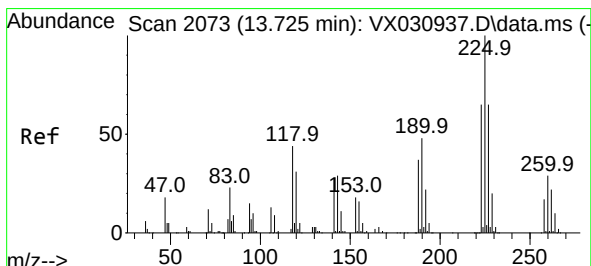
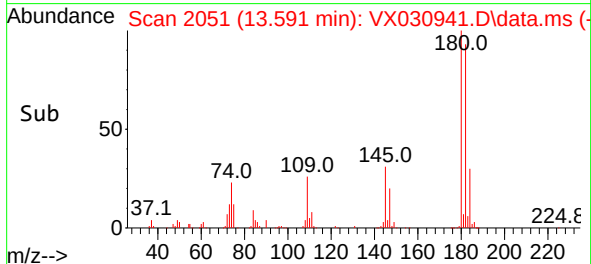
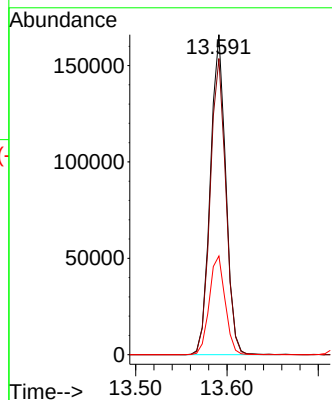
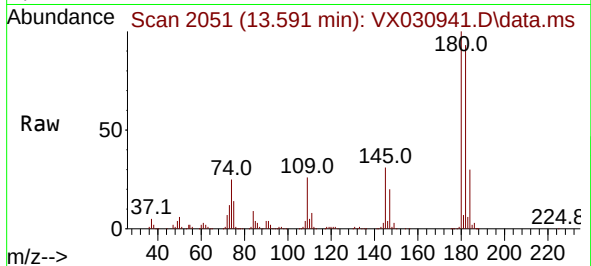




#93
 1,2,4-Trichlorobenzene
 Concen: 50.827 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

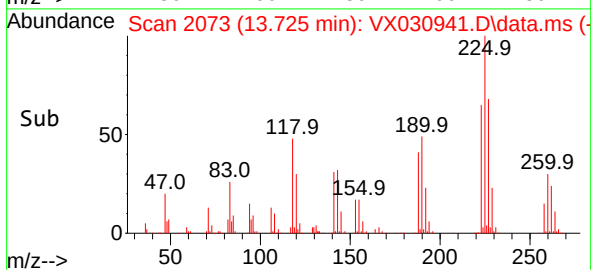
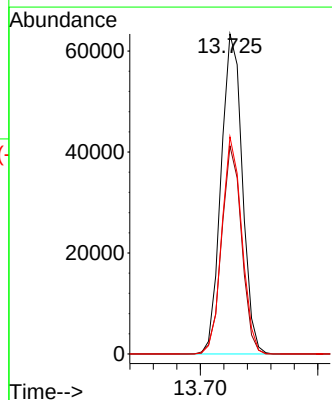
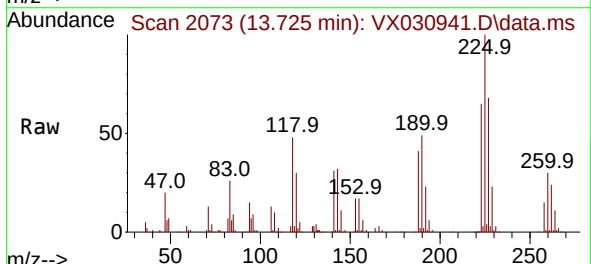
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

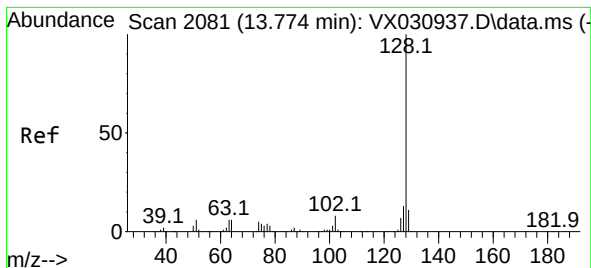
Tgt Ion:180 Resp: 194290
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.2 144.6
 145 31.7 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 48.934 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX030941.D
 Acq: 30 Aug 2022 16:03

Tgt Ion:225 Resp: 79433
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.6 91.6
 227 63.9 31.9 95.9





#95

Naphthalene

Concen: 53.323 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

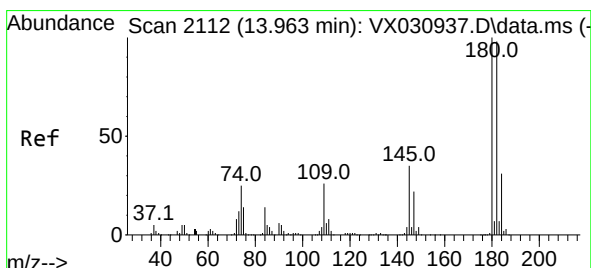
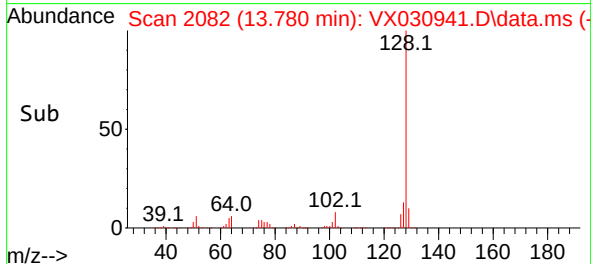
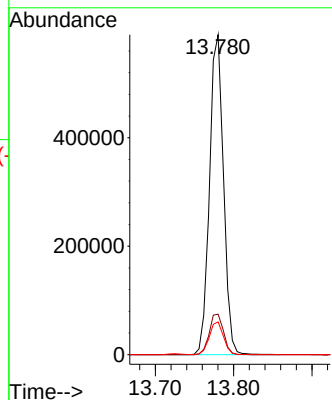
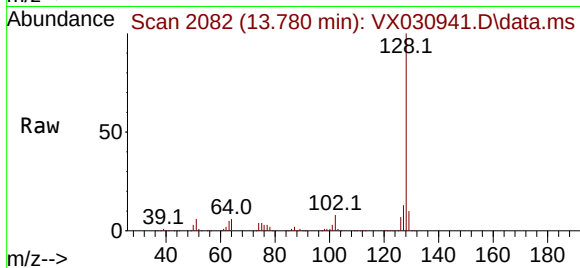
Tgt Ion:128 Resp: 728969

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.756 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030941.D

Acq: 30 Aug 2022 16:03

Tgt Ion:180 Resp: 195889

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.0

145 33.7 17.0 50.9

