

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043977.D
 Acq On : 25 Nov 2024 11:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 27 07:36:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	132560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	232543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94886	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	111407	49.000	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	5.373	113	83636	50.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.660%
50) Toluene-d8	8.646	98	285275	49.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	98993	50.783	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	78031	46.466	ug/l	97
3) Chloromethane	1.294	50	82659	46.775	ug/l	100
4) Vinyl Chloride	1.373	62	86898	46.231	ug/l	97
5) Bromomethane	1.593	94	59627	51.566	ug/l	100
6) Chloroethane	1.666	64	55513	48.469	ug/l	98
7) Trichlorofluoromethane	1.867	101	150681	44.839	ug/l	98
8) Diethyl Ether	2.129	74	57910	47.280	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	76375	47.646	ug/l	99
10) Methyl Iodide	2.440	142	95686	47.795	ug/l	98
11) Tert butyl alcohol	2.995	59	80418	220.360	ug/l	99
12) 1,1-Dichloroethene	2.306	96	70387	46.080	ug/l	97
13) Acrolein	2.233	56	86322	224.411	ug/l	98
14) Allyl chloride	2.654	41	117463	47.063	ug/l	98
15) Acrylonitrile	3.062	53	212767	239.244	ug/l	98
16) Acetone	2.379	43	239021	228.890	ug/l	99
17) Carbon Disulfide	2.501	76	139122	44.155	ug/l	97
18) Methyl Acetate	2.702	43	113156	46.531	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	268289	48.373	ug/l	98
20) Methylene Chloride	2.782	84	82791	46.719	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	74174	47.034	ug/l	99
22) Diisopropyl ether	3.757	45	262616	49.207	ug/l	97
23) Vinyl Acetate	3.714	43	1133947	248.374	ug/l	99
24) 1,1-Dichloroethane	3.605	63	149933	48.697	ug/l	100
25) 2-Butanone	4.556	43	318432	236.327	ug/l	100
26) 2,2-Dichloropropane	4.464	77	131754	47.384	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	94434	48.444	ug/l	98
28) Bromochloromethane	4.891	49	64856	47.856	ug/l	99
29) Tetrahydrofuran	5.001	42	192450	232.975	ug/l	98
30) Chloroform	5.086	83	163376	49.337	ug/l	93
31) Cyclohexane	5.458	56	117118	46.218	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	139993	49.023	ug/l	99
36) 1,1-Dichloropropene	5.684	75	101514	49.026	ug/l	98
37) Ethyl Acetate	4.708	43	118947	46.278	ug/l	98
38) Carbon Tetrachloride	5.671	117	117996	50.716	ug/l	99
39) Methylcyclohexane	7.372	83	128697	47.843	ug/l	96
40) Benzene	6.031	78	315624	48.936	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	63274	48.098	ug/l	95
42) 1,2-Dichloroethane	6.080	62	126975	49.018	ug/l	98
43) Isopropyl Acetate	6.336	43	197344	48.245	ug/l	99
44) Trichloroethene	7.116	130	77683	42.546	ug/l	94
45) 1,2-Dichloropropane	7.427	63	78811	49.890	ug/l	96
46) Dibromomethane	7.573	93	62964	50.387	ug/l	98
47) Bromodichloromethane	7.817	83	116299	51.893	ug/l	99
48) Methyl methacrylate	7.689	41	94692	48.244	ug/l	98
49) 1,4-Dioxane	7.665	88	30394	869.321	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	596153	238.823	ug/l	100
52) Toluene	8.713	92	193103	50.022	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	117928	51.600	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	126204	50.373	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	78203	49.075	ug/l	98
56) Ethyl methacrylate	9.116	69	122941	49.531	ug/l	99
57) 1,3-Dichloropropane	9.305	76	133878	49.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	308826	226.771	ug/l	99
59) 2-Hexanone	9.427	43	453330	241.619	ug/l	100
60) Dibromochloromethane	9.518	129	82843	51.814	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79994	49.645	ug/l	98
64) Tetrachloroethene	9.268	164	64988	50.133	ug/l	98
65) Chlorobenzene	10.079	112	212422	49.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	73082	52.189	ug/l	98
67) Ethyl Benzene	10.189	91	369929	50.561	ug/l	99
68) m/p-Xylenes	10.299	106	277477	101.696	ug/l	100
69) o-Xylene	10.640	106	133377	50.067	ug/l	97
70) Styrene	10.652	104	230674	52.353	ug/l	99
71) Bromoform	10.798	173	48701	46.066	ug/l #	97
73) Isopropylbenzene	10.957	105	351294	48.163	ug/l	100
74) N-amyl acetate	10.841	43	163405	48.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	118187	47.323	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	130845	62.881	ug/l	82
77) Bromobenzene	11.195	156	84168	48.374	ug/l	98
78) n-propylbenzene	11.304	91	406428	49.892	ug/l	99
79) 2-Chlorotoluene	11.359	91	246237	47.802	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	298167	49.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35040	45.951	ug/l	97
82) 4-Chlorotoluene	11.451	91	282543	48.585	ug/l	99
83) tert-Butylbenzene	11.713	119	292877	49.242	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	298636	49.987	ug/l	99
85) sec-Butylbenzene	11.890	105	362725	49.775	ug/l	100
86) p-Isopropyltoluene	12.006	119	306406	51.764	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	154082	48.622	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	153444	47.493	ug/l	98
89) n-Butylbenzene	12.329	91	266108	50.989	ug/l	100
90) Hexachloroethane	12.536	117	48961	48.643	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	155387	48.588	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	23083	46.127	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	90486	47.992	ug/l	98
94) Hexachlorobutadiene	13.725	225	36196	48.575	ug/l	97
95) Naphthalene	13.774	128	334769	49.325	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	92716	48.584	ug/l	94

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ClientSampleId :
VSTDCCC050

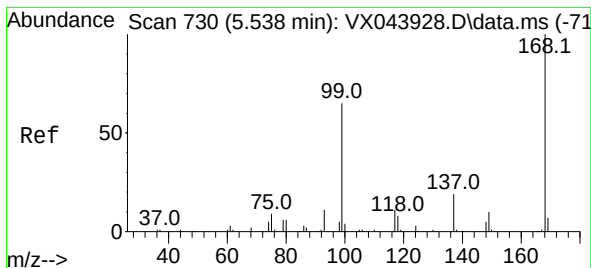
Quant Time: Nov 27 07:36:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. 0.005 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

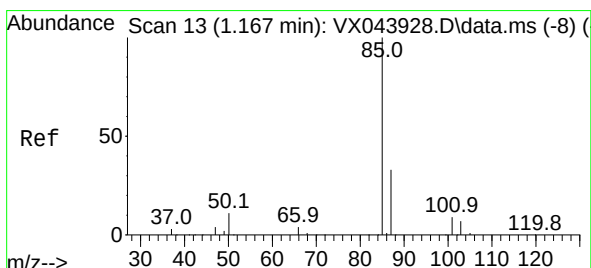
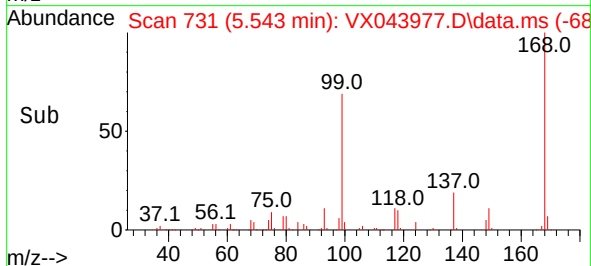
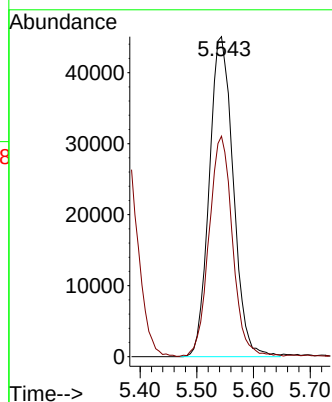
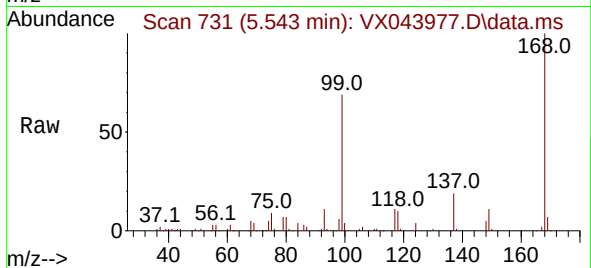
VSTDCCC050

Tgt Ion:168 Resp: 132560

Ion Ratio Lower Upper

168 100

99 68.7 51.8 77.8



#2

Dichlorodifluoromethane

Concen: 46.466 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX043977.D

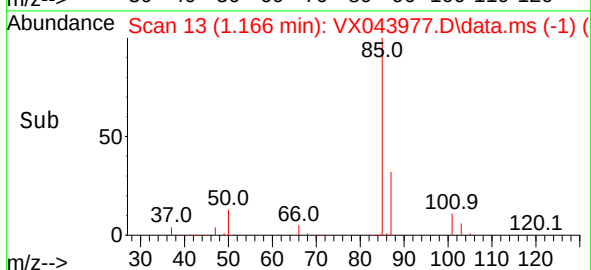
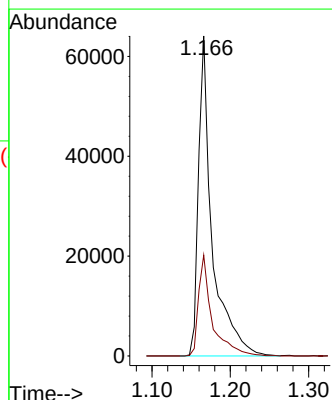
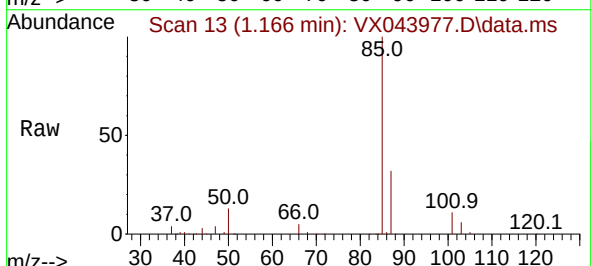
Acq: 25 Nov 2024 11:27

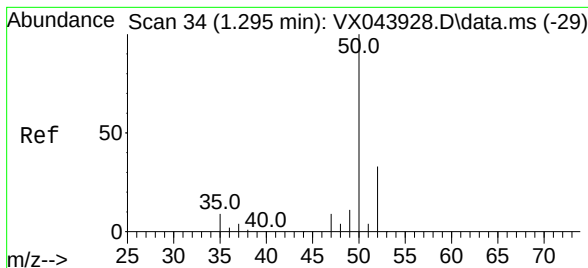
Tgt Ion: 85 Resp: 78031

Ion Ratio Lower Upper

85 100

87 31.5 16.6 49.8





#3

Chloromethane

Concen: 46.775 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

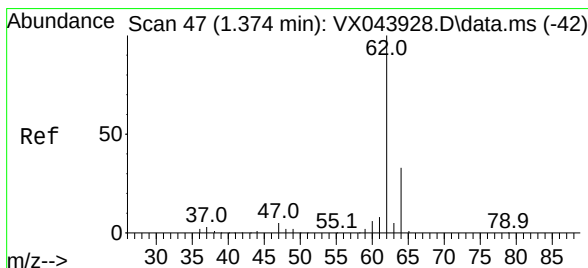
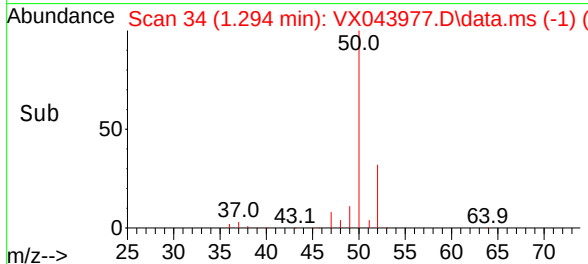
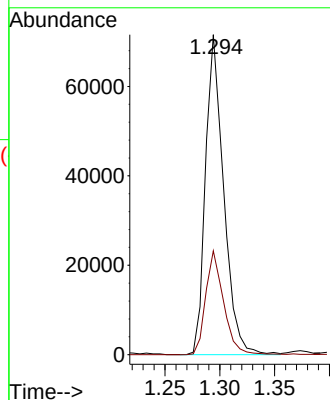
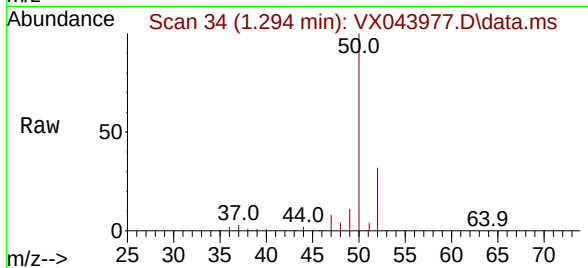
VSTDCCC050

Tgt Ion: 50 Resp: 82659

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 46.231 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043977.D

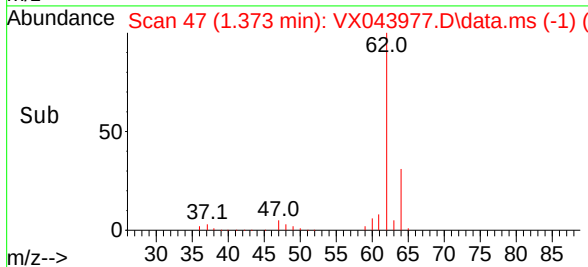
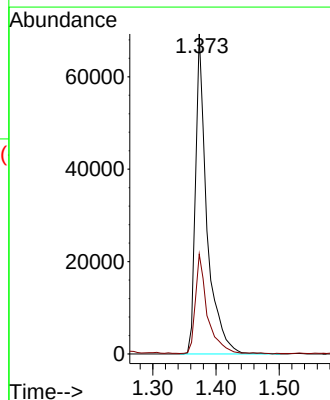
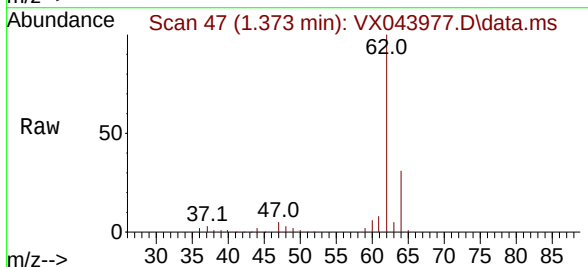
Acq: 25 Nov 2024 11:27

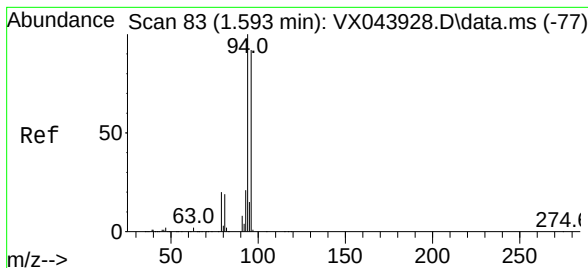
Tgt Ion: 62 Resp: 86898

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4





#5

Bromomethane

Concen: 51.566 ug/l

RT: 1.593 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

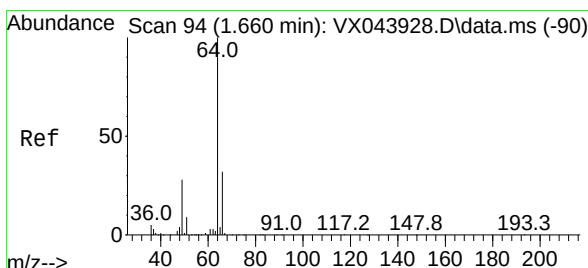
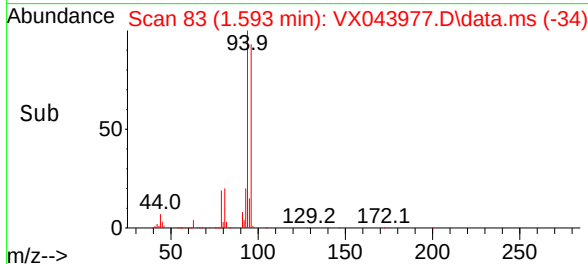
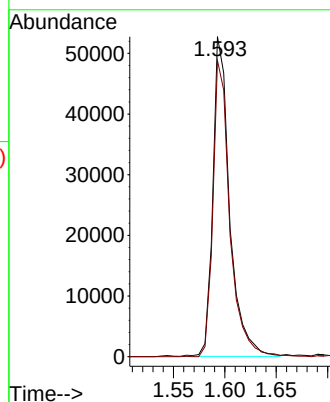
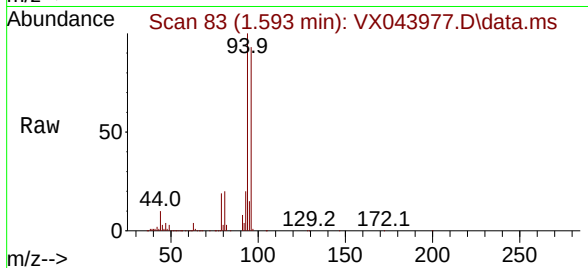
VSTDCCC050

Tgt Ion: 94 Resp: 59627

Ion Ratio Lower Upper

94 100

96 92.6 73.9 110.9



#6

Chloroethane

Concen: 48.469 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043977.D

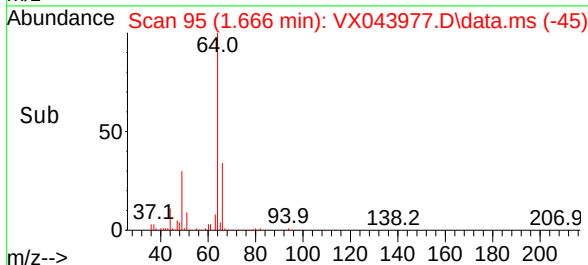
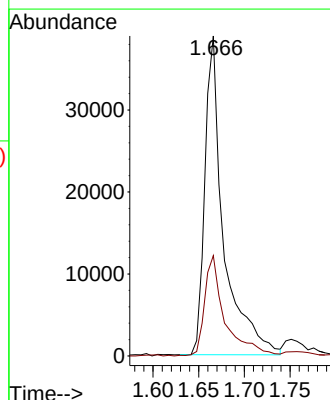
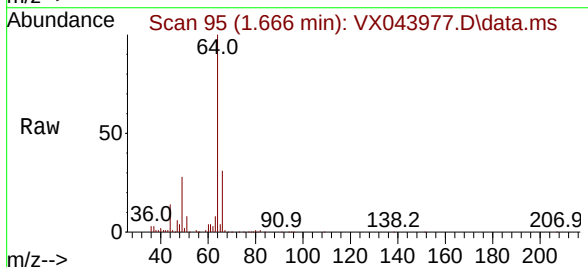
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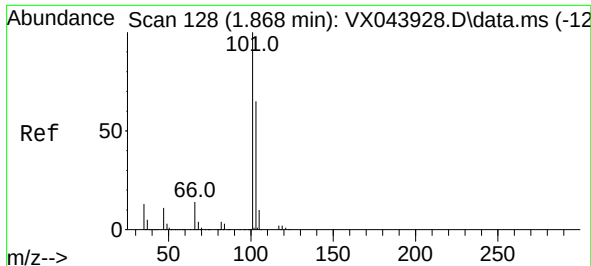
Tgt Ion: 64 Resp: 55513

Ion Ratio Lower Upper

64 100

66 31.3 25.9 38.9

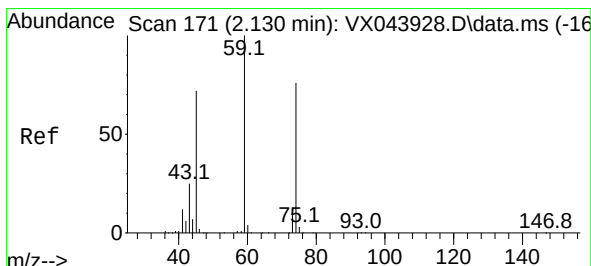
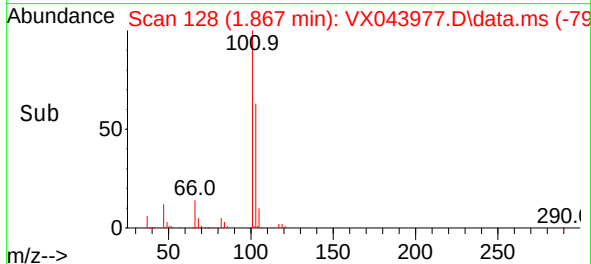
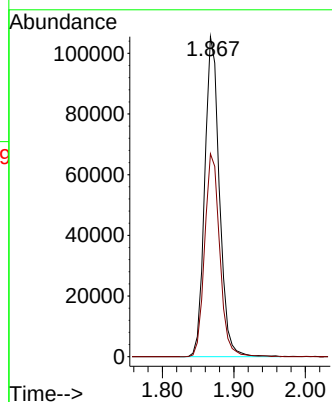
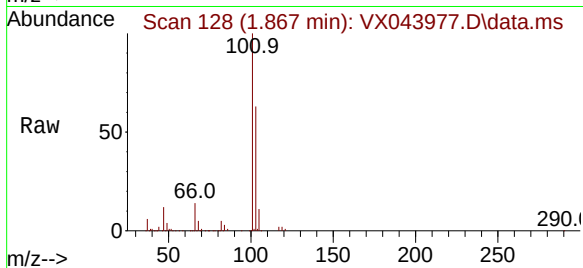




#7
Trichlorofluoromethane
Concen: 44.839 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043977.D
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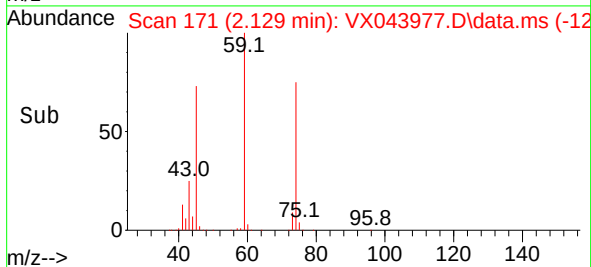
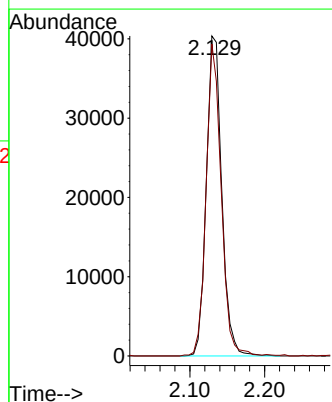
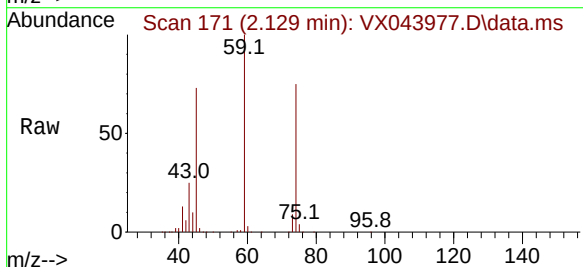
Instrument :
MSVOA_X
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VSTDCCC050

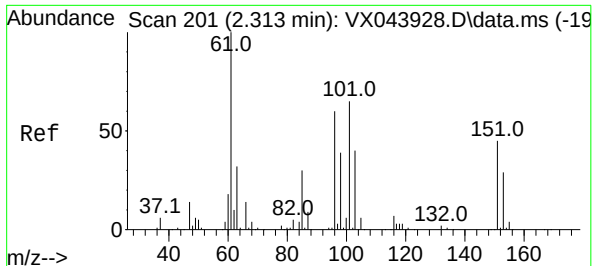
Tgt Ion:101 Resp: 150681
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.2



#8
Diethyl Ether
Concen: 47.280 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 74 Resp: 57910
Ion Ratio Lower Upper
74 100
45 95.0 47.9 143.6

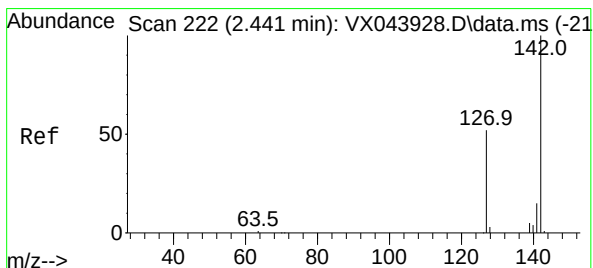
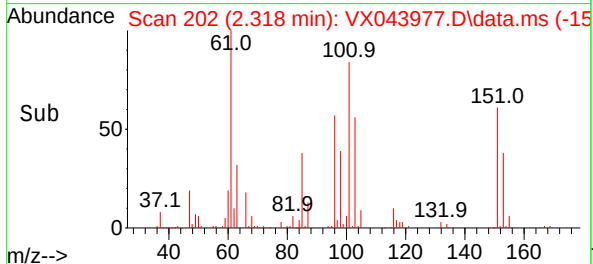
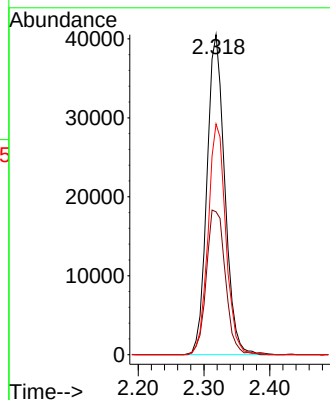
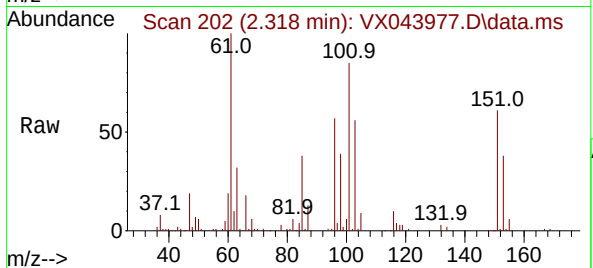




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.646 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043977.D
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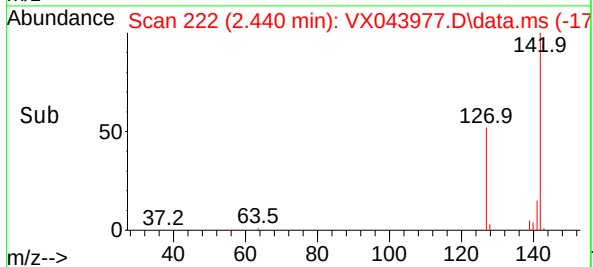
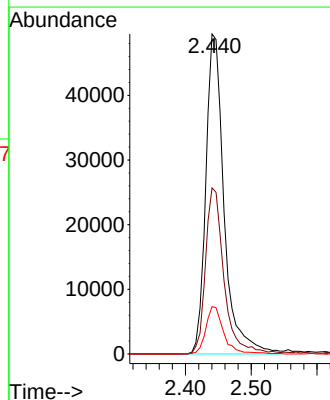
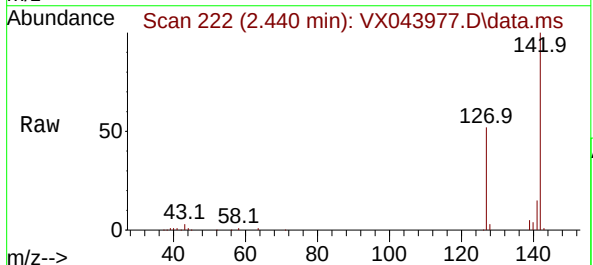
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

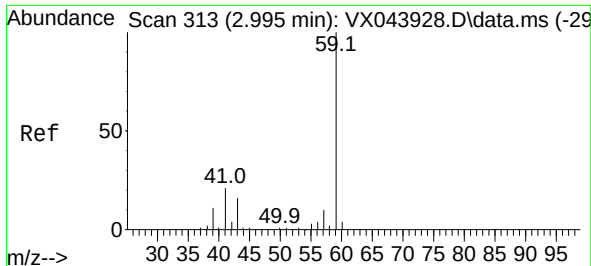
Tgt Ion:101 Resp: 76375
Ion Ratio Lower Upper
101 100
85 48.2 37.9 56.9
151 71.7 57.5 86.3



#10
Methyl Iodide
Concen: 47.795 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion:142 Resp: 95686
Ion Ratio Lower Upper
142 100
127 52.7 40.7 61.1
141 14.5 12.0 18.0





#11

Tert butyl alcohol

Concen: 220.360 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

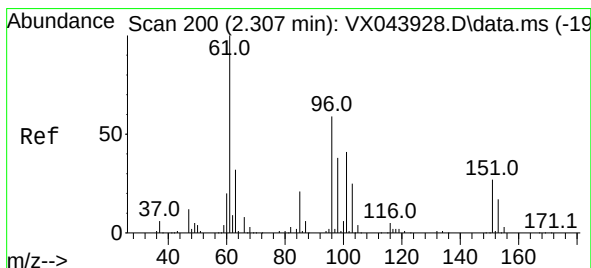
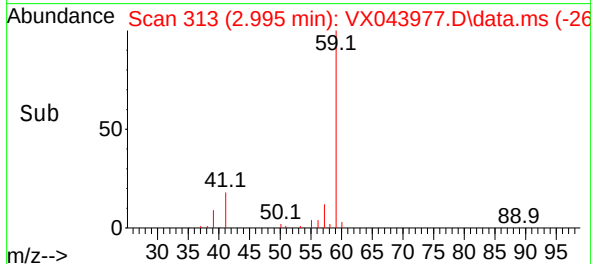
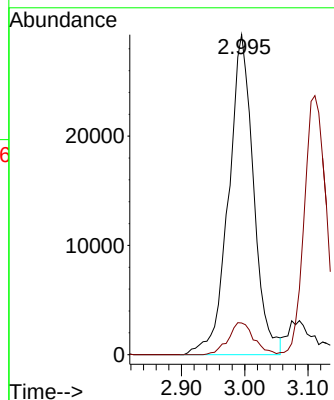
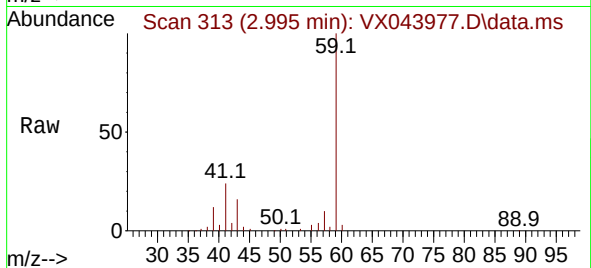
VSTDCCC050

Tgt Ion: 59 Resp: 80418

Ion Ratio Lower Upper

59 100

57 10.3 7.9 11.9



#12

1,1-Dichloroethene

Concen: 46.080 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

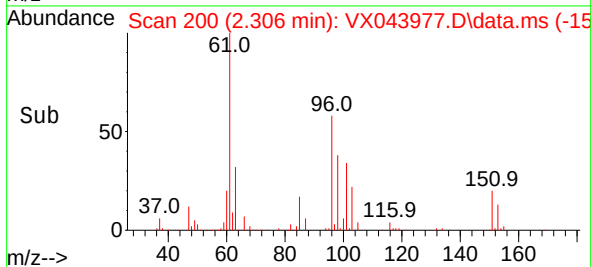
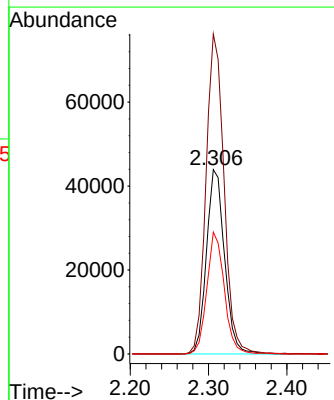
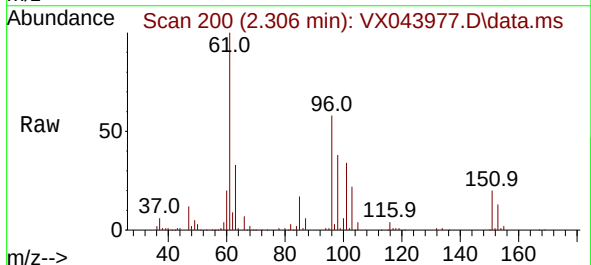
Tgt Ion: 96 Resp: 70387

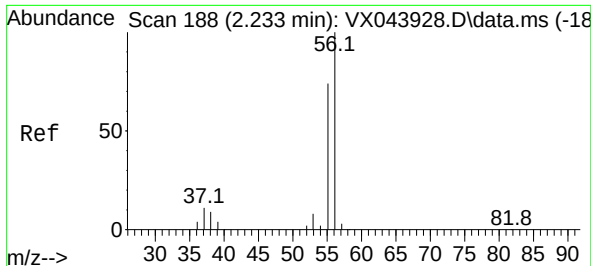
Ion Ratio Lower Upper

96 100

61 173.6 135.5 203.3

98 66.2 50.8 76.2

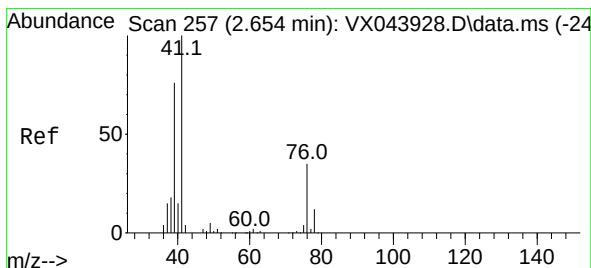
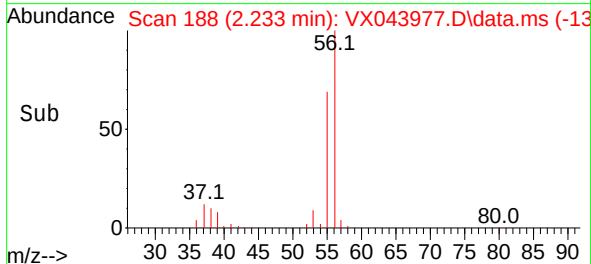
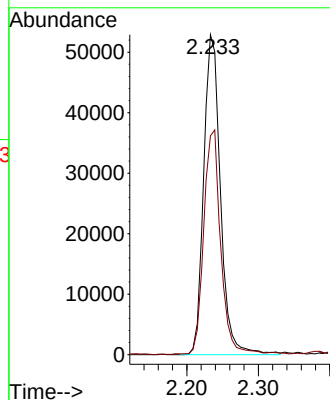
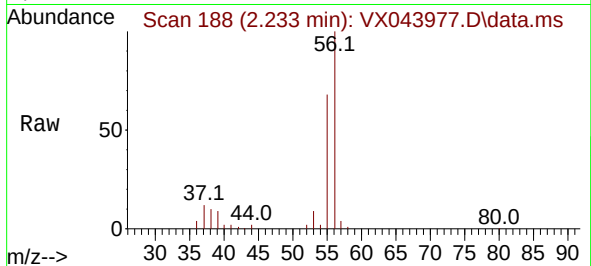




#13
Acrolein
Concen: 224.411 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

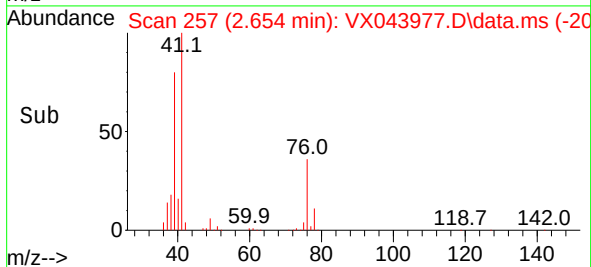
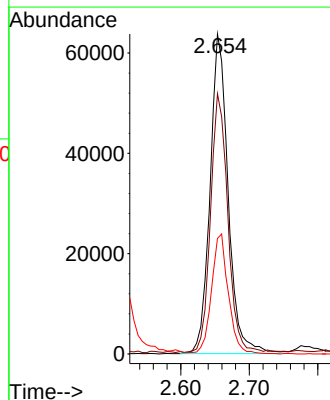
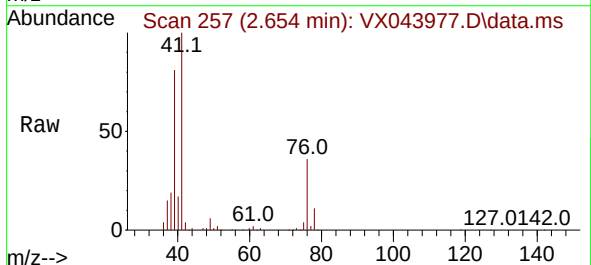
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

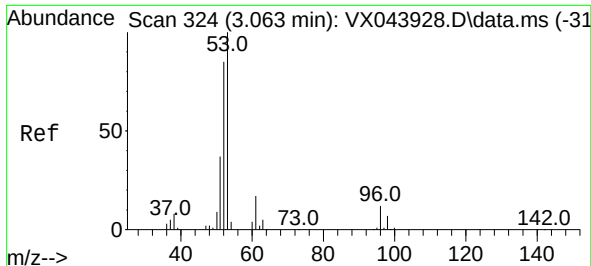
Tgt Ion: 56 Resp: 86322
Ion Ratio Lower Upper
56 100
55 71.2 58.2 87.2



#14
Allyl chloride
Concen: 47.063 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 41 Resp: 117463
Ion Ratio Lower Upper
41 100
39 76.9 59.5 89.3
76 34.8 27.4 41.2

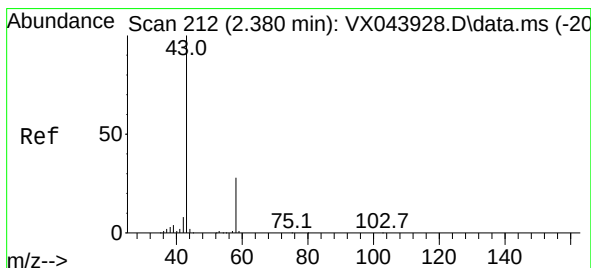
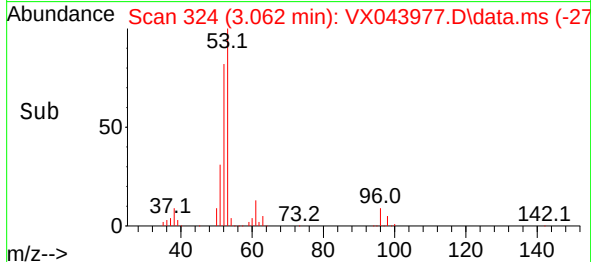
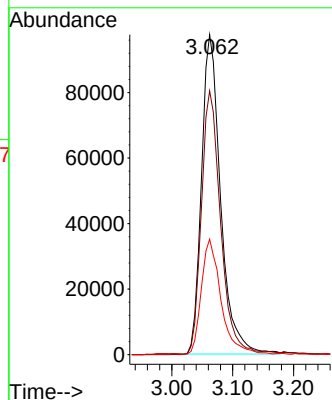
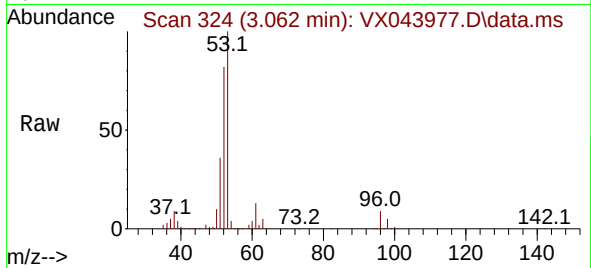




#15
Acrylonitrile
Concen: 239.244 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

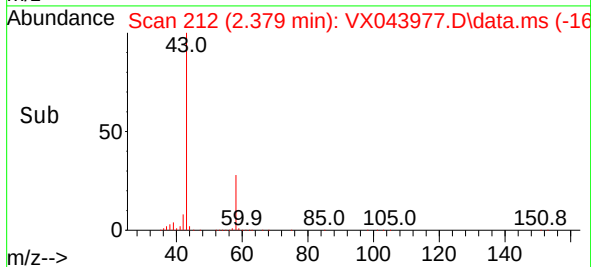
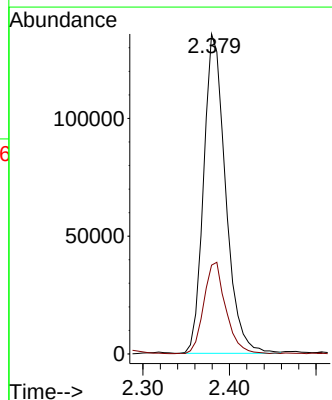
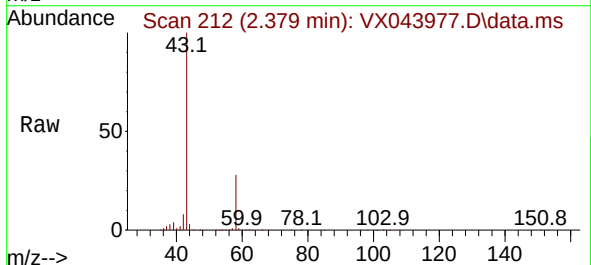
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

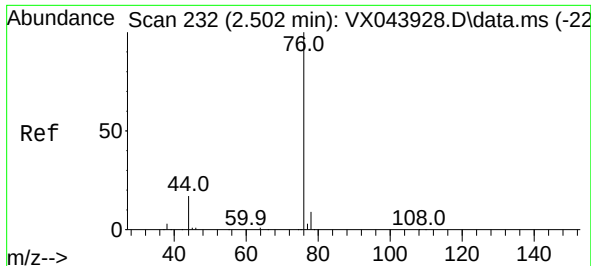
Tgt Ion: 53 Resp: 212767
Ion Ratio Lower Upper
53 100
52 84.6 66.5 99.7
51 36.8 30.2 45.4



#16
Acetone
Concen: 228.890 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 43 Resp: 239021
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1

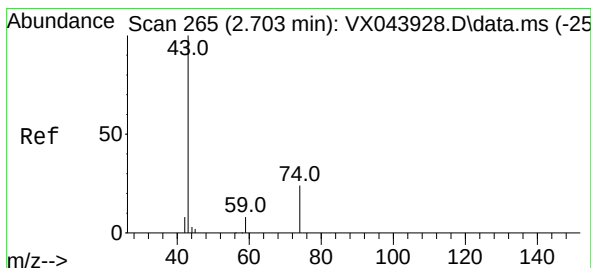
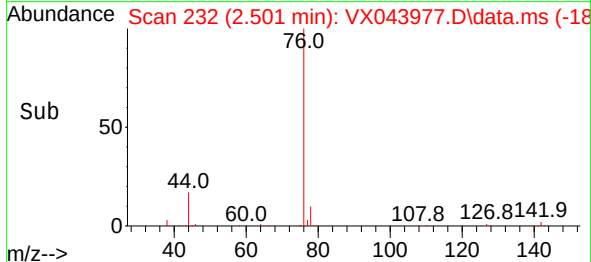
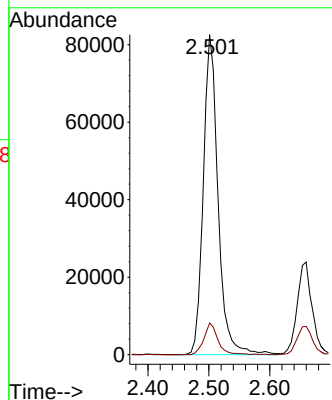
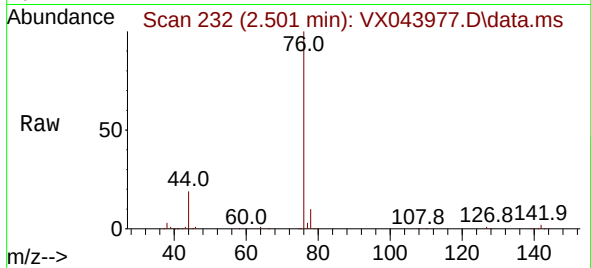




#17
Carbon Disulfide
Concen: 44.155 ug/l
RT: 2.501 min Scan# 24
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

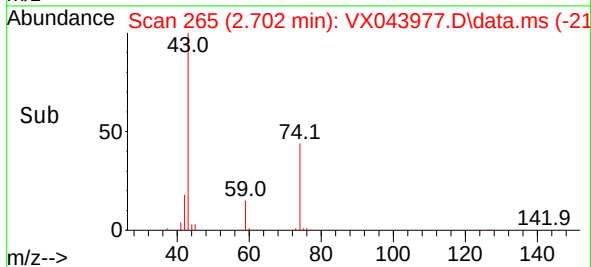
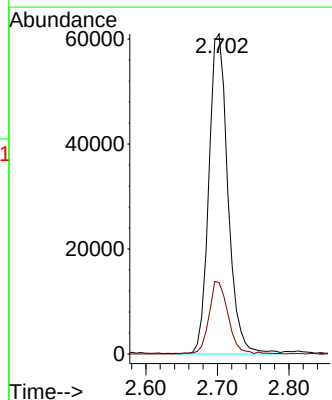
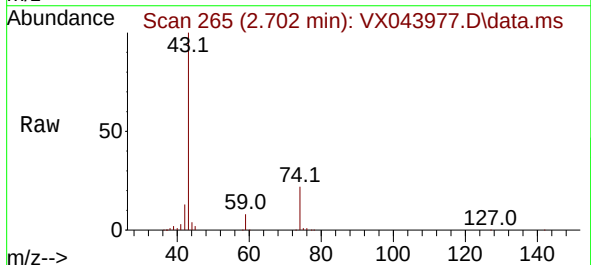
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

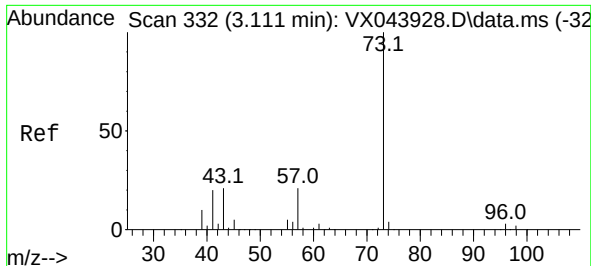
Tgt Ion: 76 Resp: 139122
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 46.531 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 43 Resp: 113156
Ion Ratio Lower Upper
43 100
74 22.9 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 48.373 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

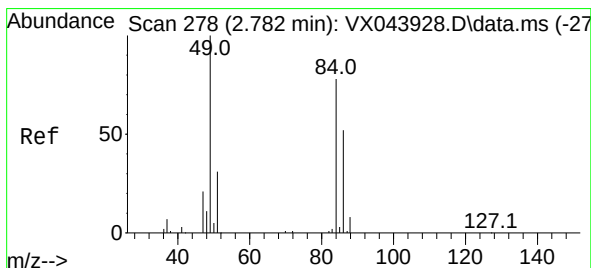
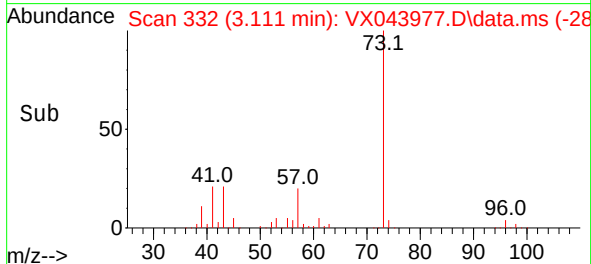
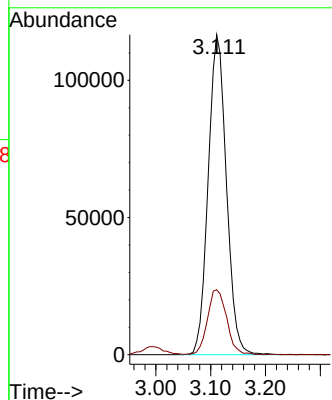
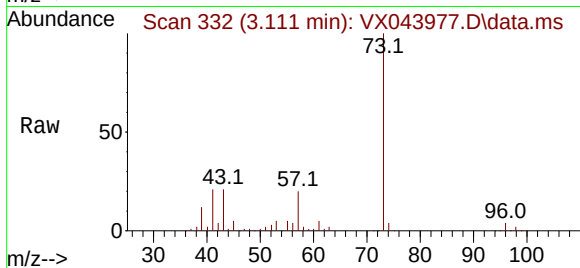
VSTDCCC050

Tgt Ion: 73 Resp: 268289

Ion Ratio Lower Upper

73 100

57 20.2 17.0 25.6



#20

Methylene Chloride

Concen: 46.719 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Tgt Ion: 84 Resp: 82791

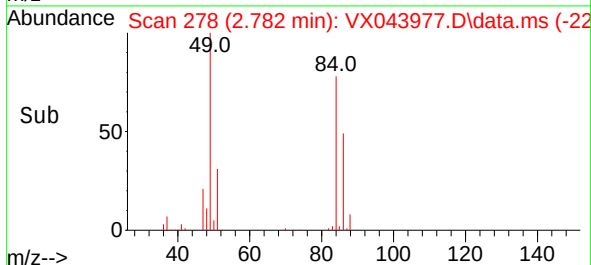
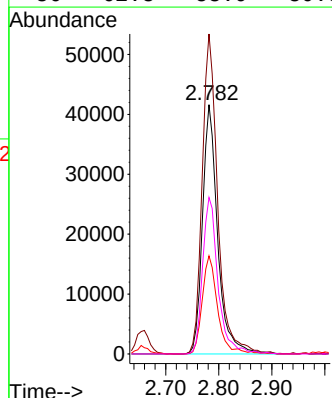
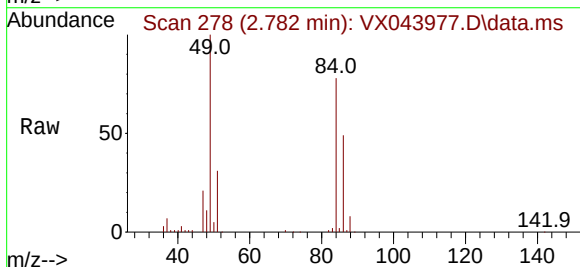
Ion Ratio Lower Upper

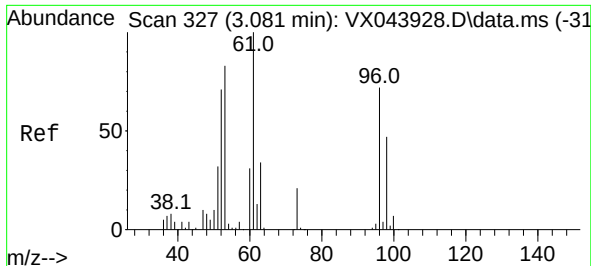
84 100

49 128.3 102.7 154.1

51 39.3 31.7 47.5

86 62.8 53.9 80.9

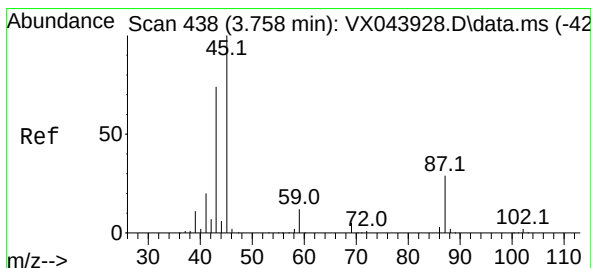
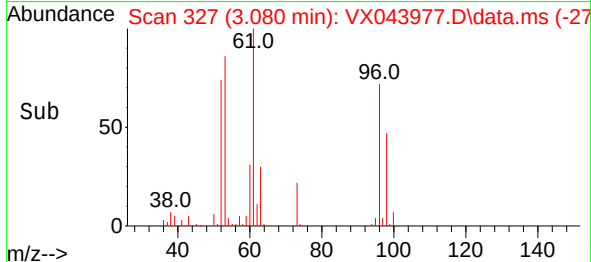
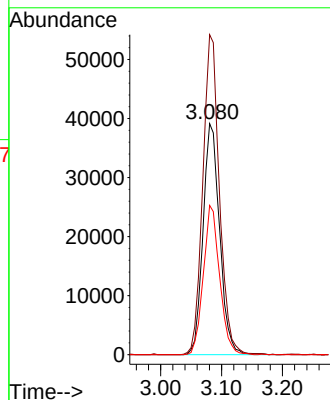
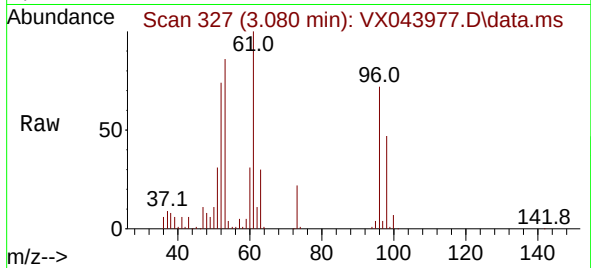




#21
trans-1,2-Dichloroethene
Concen: 47.034 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

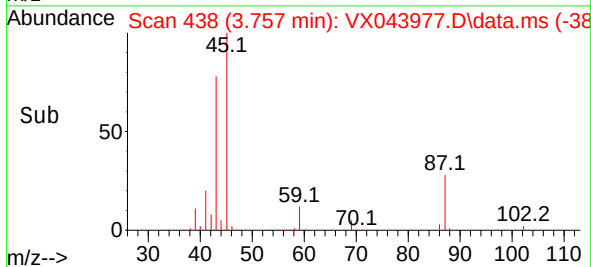
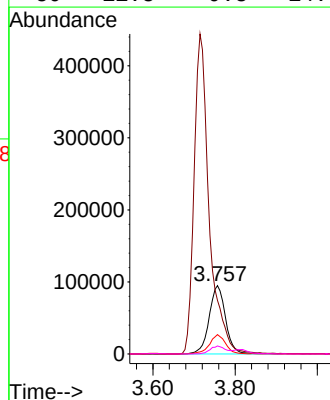
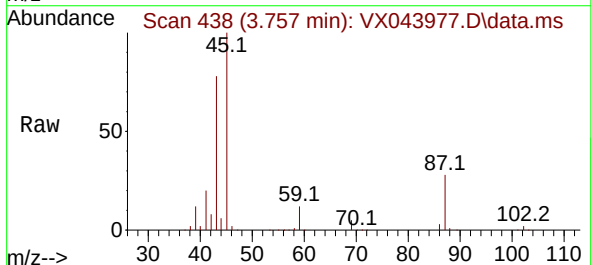
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

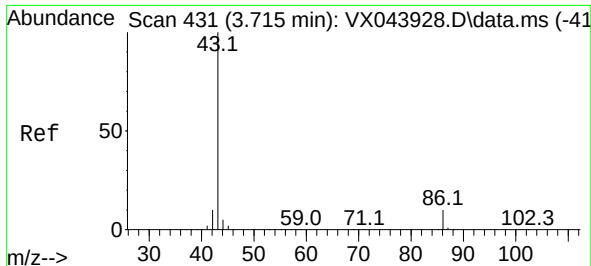
Tgt Ion: 96 Resp: 74174
Ion Ratio Lower Upper
96 100
61 138.5 111.8 167.6
98 64.6 52.7 79.1



#22
Diisopropyl ether
Concen: 49.207 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 45 Resp: 262616
Ion Ratio Lower Upper
45 100
43 78.3 59.6 89.4
87 28.3 22.9 34.3
59 11.8 9.8 14.6

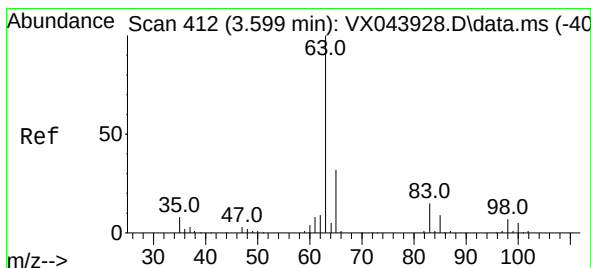
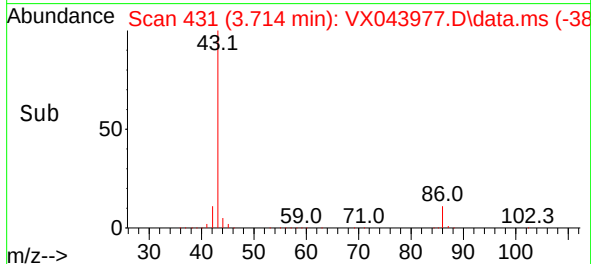
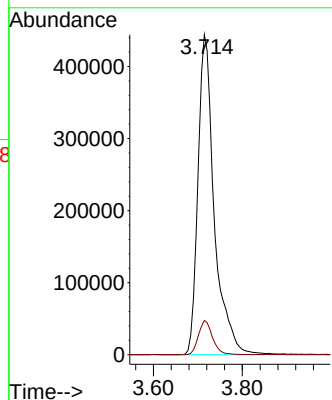
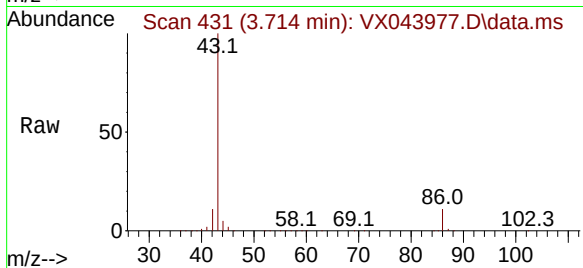




#23
 Vinyl Acetate
 Concen: 248.374 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX043977.D
 Acq: 25 Nov 2024 11:27

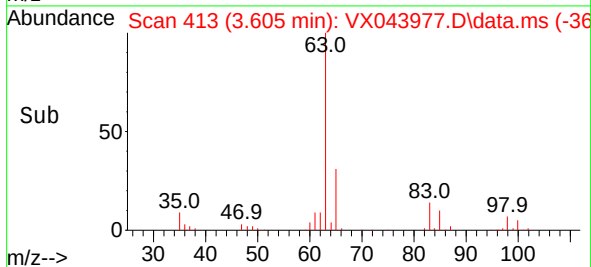
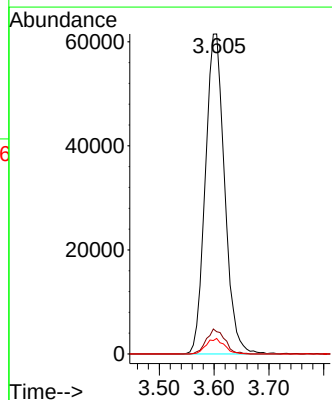
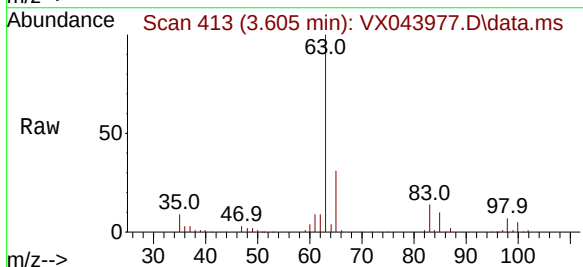
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

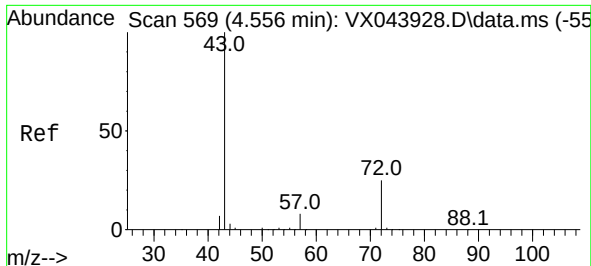
Tgt Ion: 43 Resp: 1133947
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 48.697 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX043977.D
 Acq: 25 Nov 2024 11:27

Tgt Ion: 63 Resp: 149933
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 236.327 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

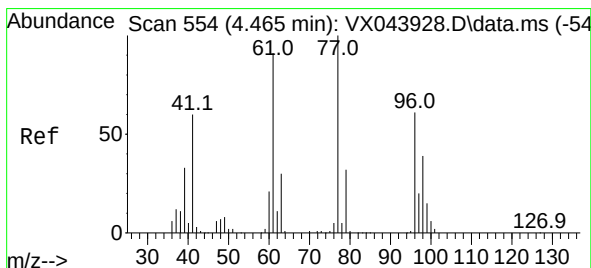
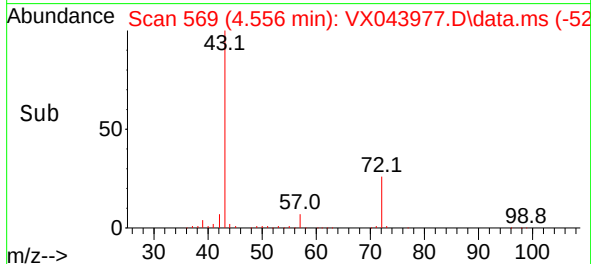
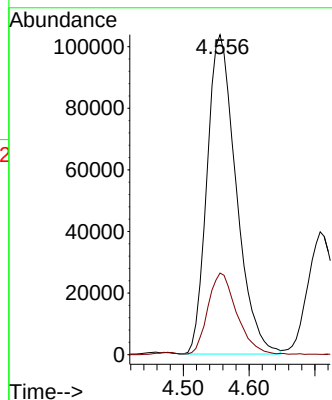
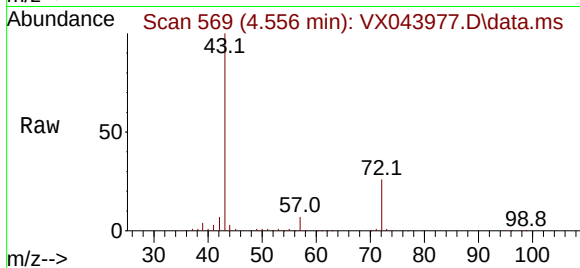
VSTDCCC050

Tgt Ion: 43 Resp: 318432

Ion Ratio Lower Upper

43 100

72 25.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 47.384 ug/l

RT: 4.464 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX043977.D

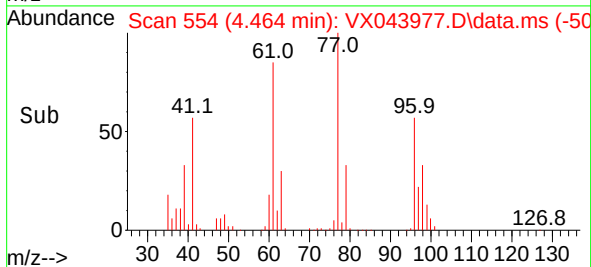
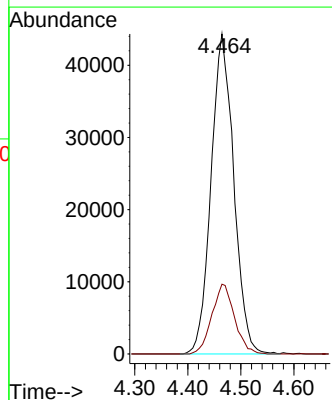
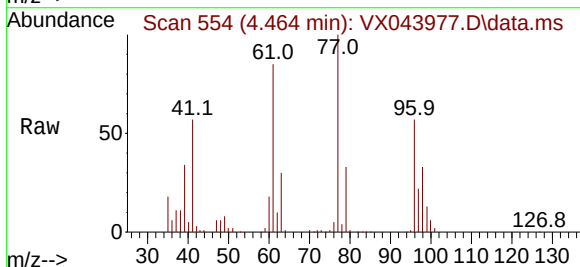
Acq: 25 Nov 2024 11:27

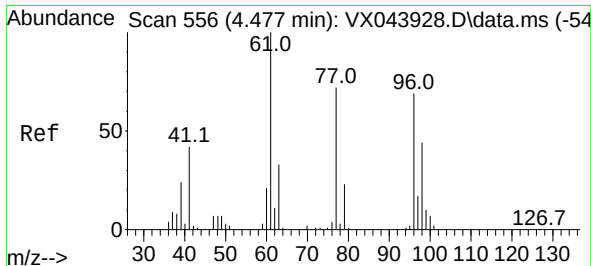
Tgt Ion: 77 Resp: 131754

Ion Ratio Lower Upper

77 100

97 21.7 10.8 32.3

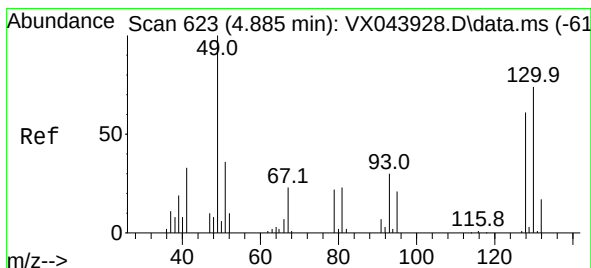
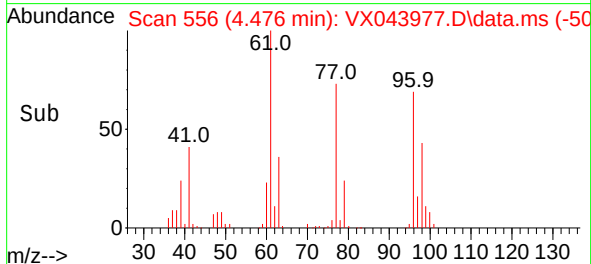
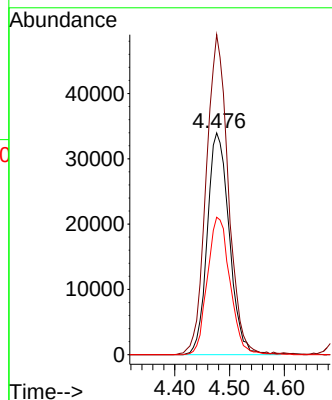
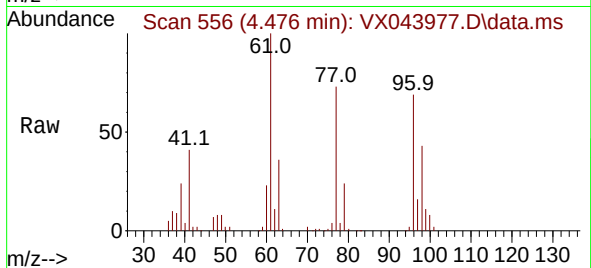




#27
cis-1,2-Dichloroethene
Concen: 48.444 ug/l
RT: 4.476 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

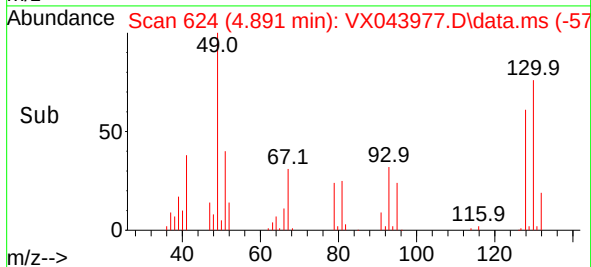
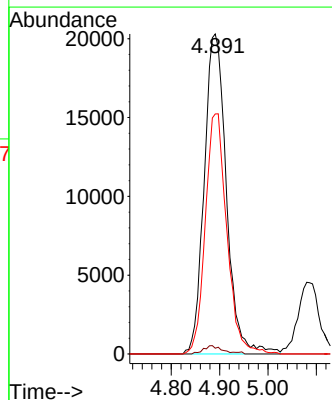
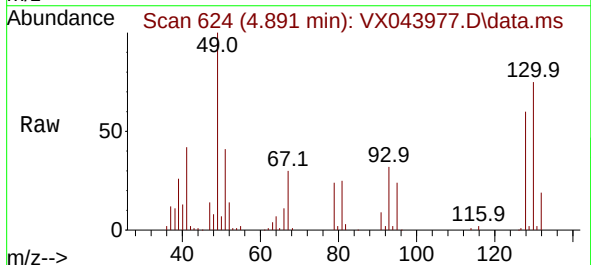
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

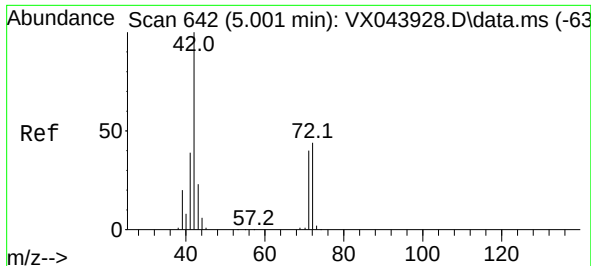
Tgt Ion: 96 Resp: 94434
Ion Ratio Lower Upper
96 100
61 145.0 0.0 297.4
98 63.8 0.0 127.8



#28
Bromochloromethane
Concen: 47.856 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 49 Resp: 64856
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 72.8 59.0 88.6





#29

Tetrahydrofuran

Concen: 232.975 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

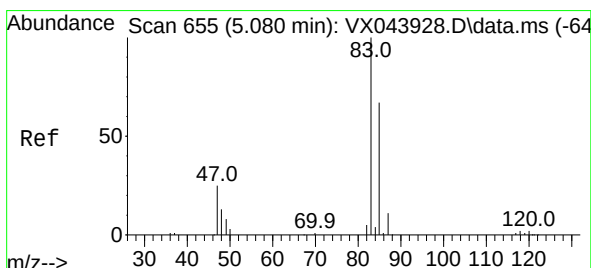
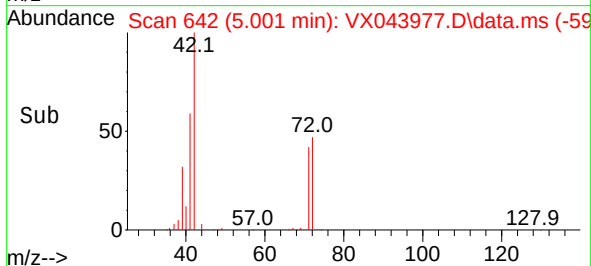
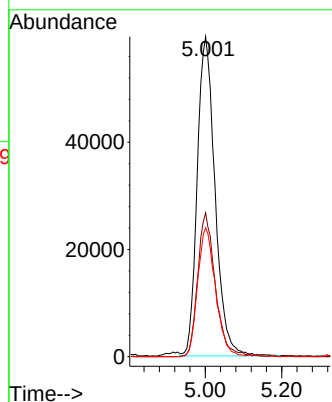
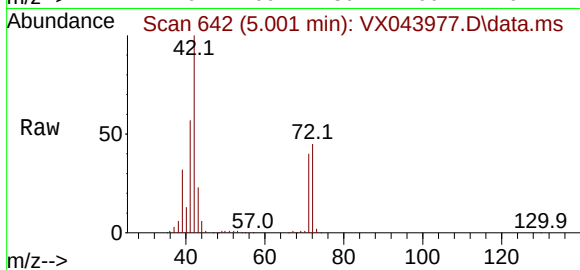
Tgt Ion: 42 Resp: 192450

Ion Ratio Lower Upper

42 100

72 44.6 36.4 54.6

71 40.5 33.4 50.0



#30

Chloroform

Concen: 49.337 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX043977.D

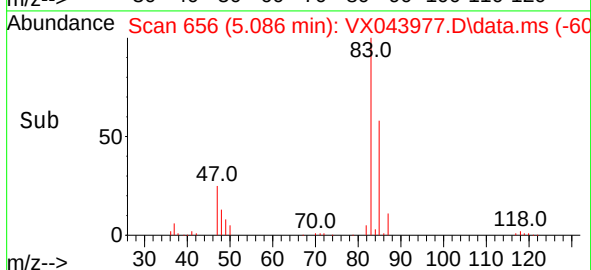
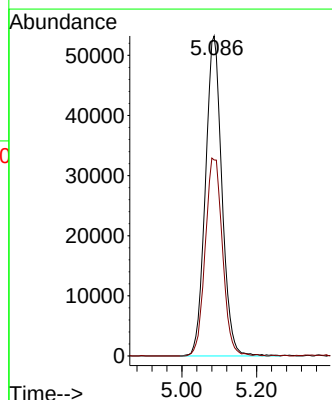
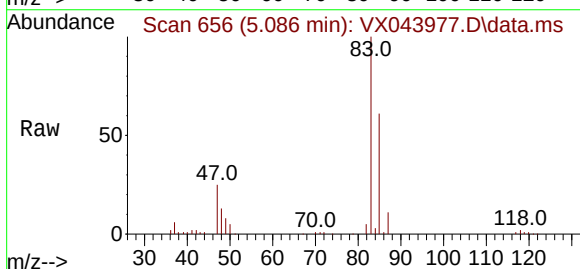
Acq: 25 Nov 2024 11:27

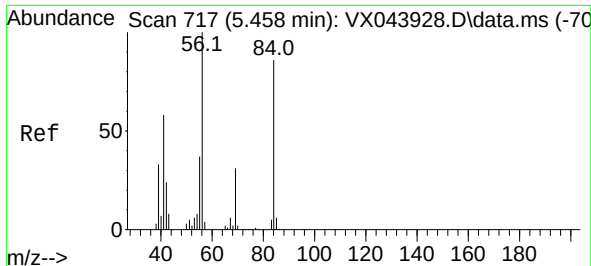
Tgt Ion: 83 Resp: 163376

Ion Ratio Lower Upper

83 100

85 61.2 53.5 80.3

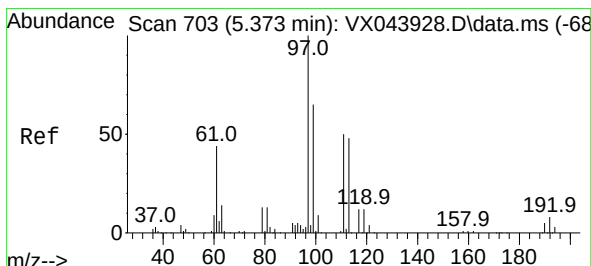
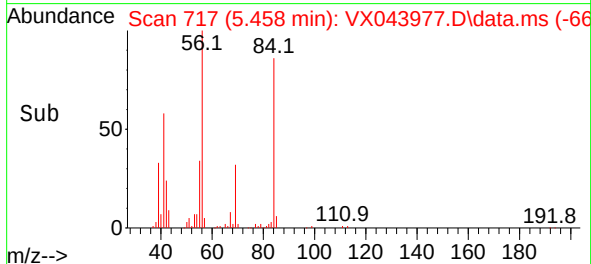
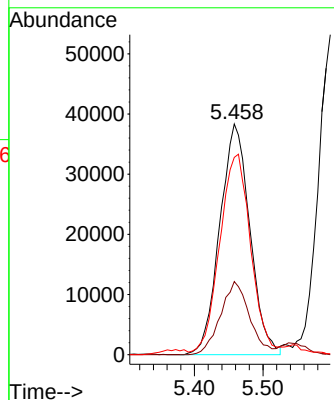
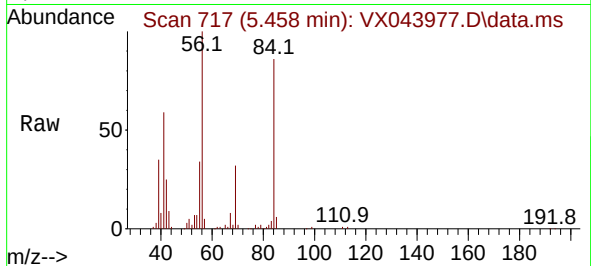




#31
Cyclohexane
Concen: 46.218 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

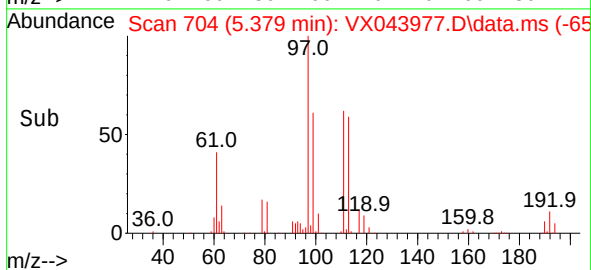
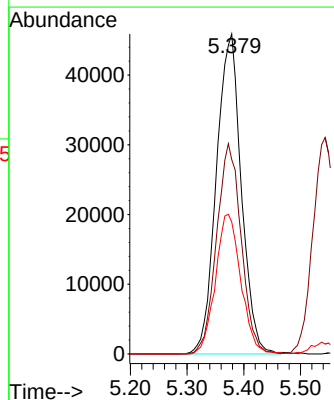
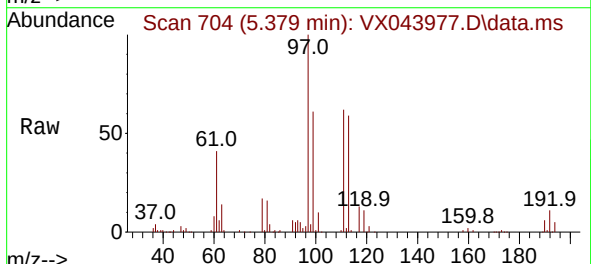
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

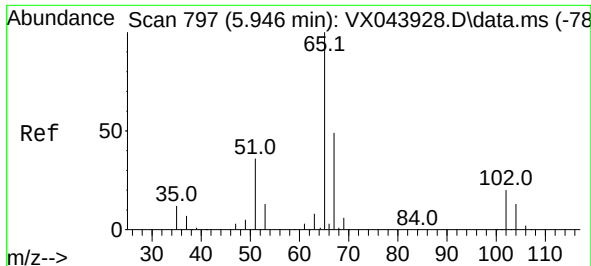
Tgt Ion: 56 Resp: 117118
Ion Ratio Lower Upper
56 100
69 31.7 24.7 37.1
84 83.9 68.7 103.1



#32
1,1,1-Trichloroethane
Concen: 49.023 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 97 Resp: 139993
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 44.6 35.4 53.2

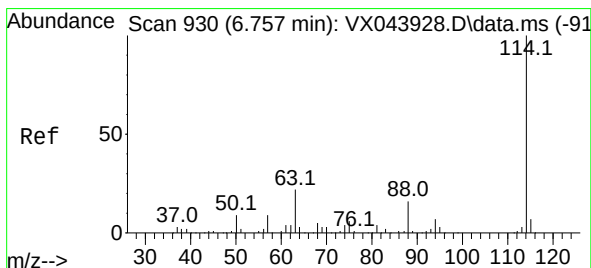
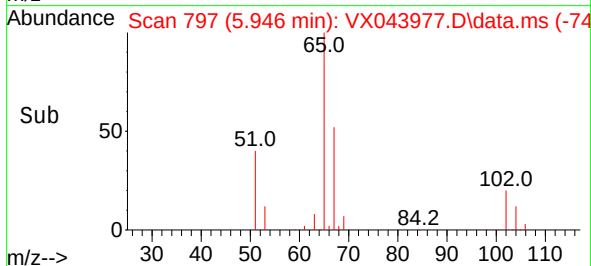
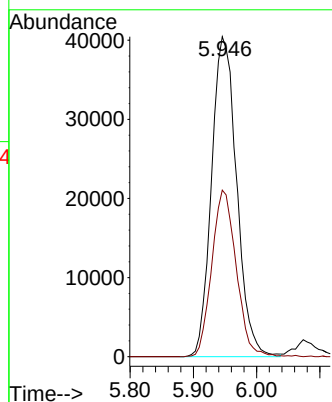
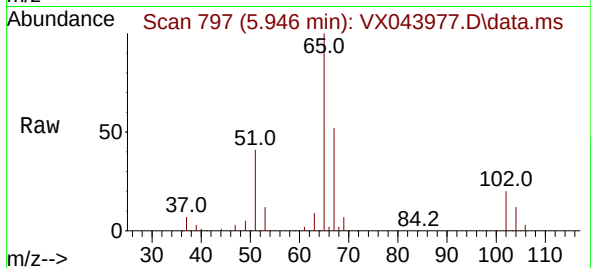




#33
 1,2-Dichloroethane-d4
 Concen: 49.000 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX043977.D
 Acq: 25 Nov 2024 11:27

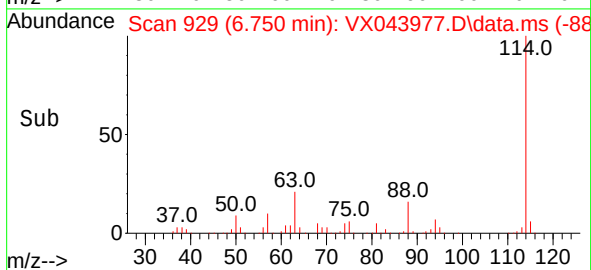
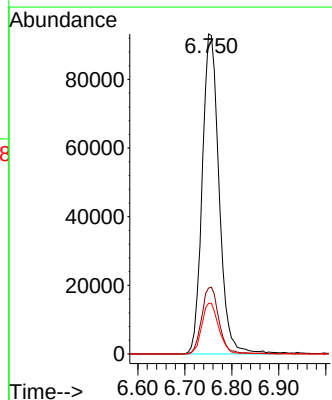
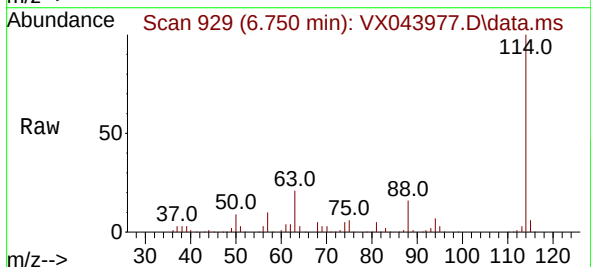
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

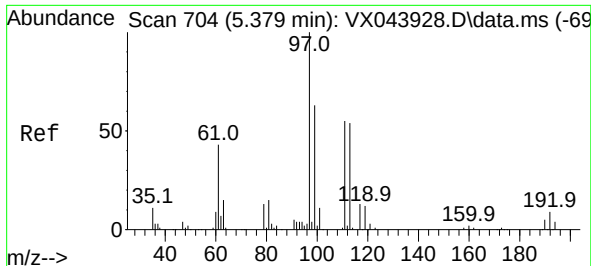
Tgt Ion: 65 Resp: 111407
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.750 min Scan# 929
 Delta R.T. -0.007 min
 Lab File: VX043977.D
 Acq: 25 Nov 2024 11:27

Tgt Ion: 114 Resp: 232543
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.0
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.333 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.007 min

Lab File: VX043977.D

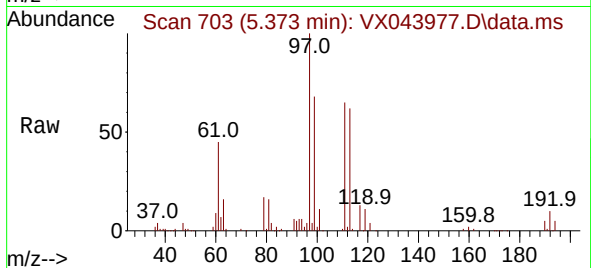
Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



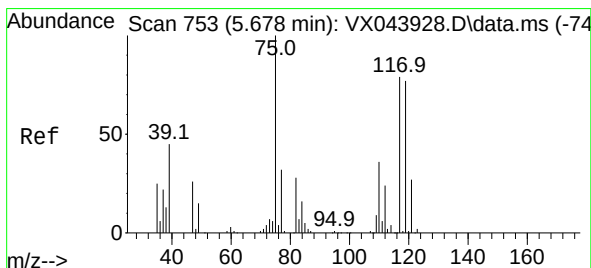
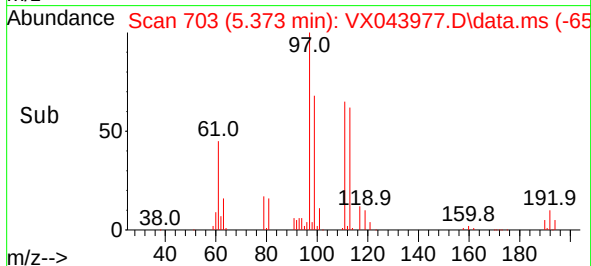
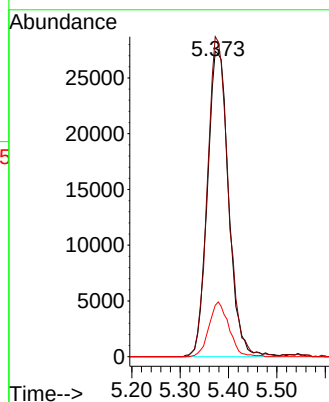
Tgt Ion:113 Resp: 83636

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

192 16.9 13.0 19.6



#36

1,1-Dichloropropene

Concen: 49.026 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

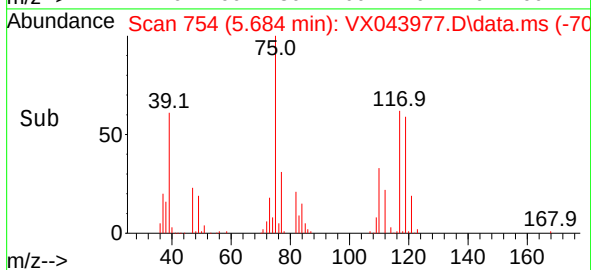
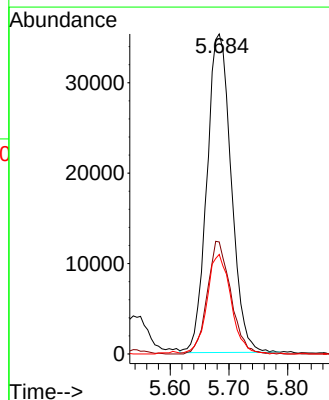
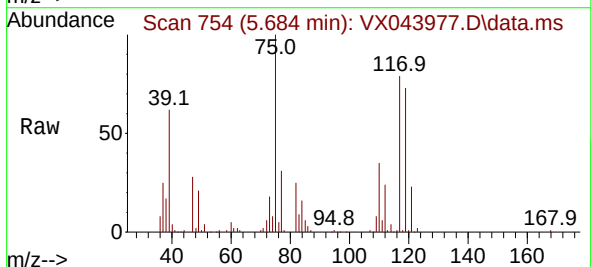
Tgt Ion: 75 Resp: 101514

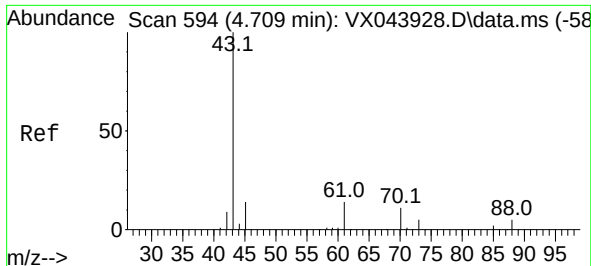
Ion Ratio Lower Upper

75 100

110 34.1 17.4 52.2

77 30.9 25.8 38.8





#37

Ethyl Acetate

Concen: 46.278 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

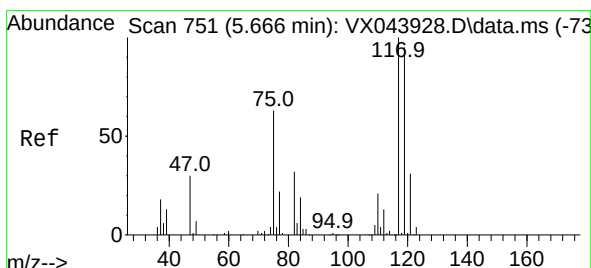
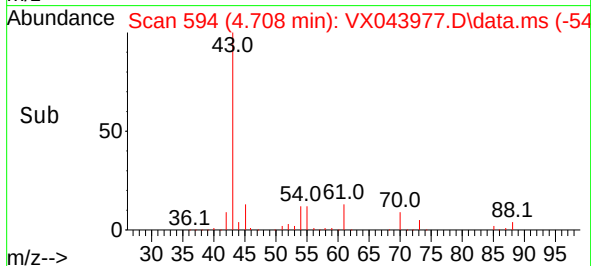
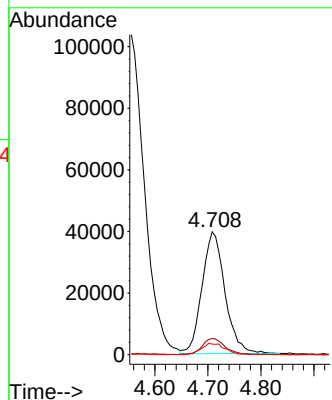
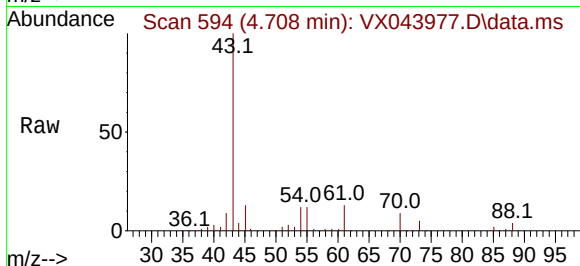
Tgt Ion: 43 Resp: 118947

Ion Ratio Lower Upper

43 100

61 12.7 10.7 16.1

70 9.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 50.716 ug/l

RT: 5.671 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

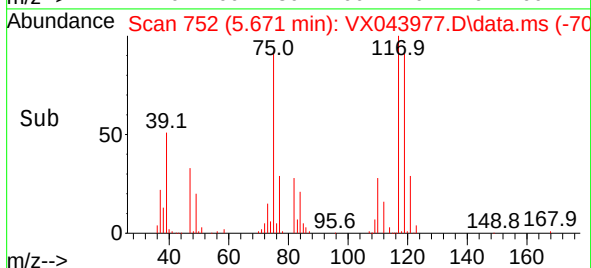
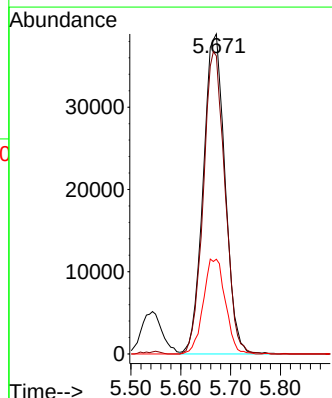
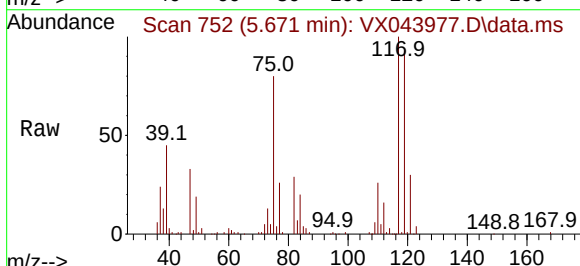
Tgt Ion: 117 Resp: 117996

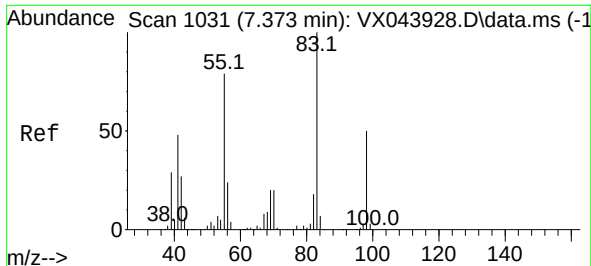
Ion Ratio Lower Upper

117 100

119 93.2 75.2 112.8

121 29.6 24.5 36.7





#39

Methylcyclohexane

Concen: 47.843 ug/l

RT: 7.372 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

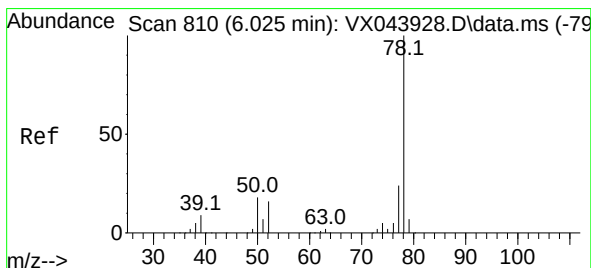
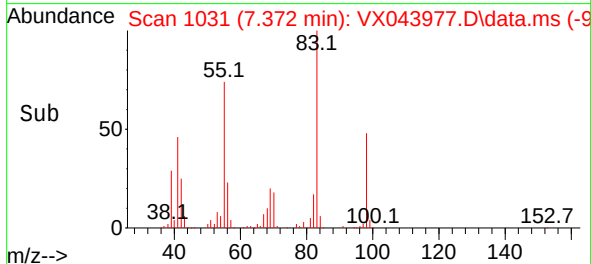
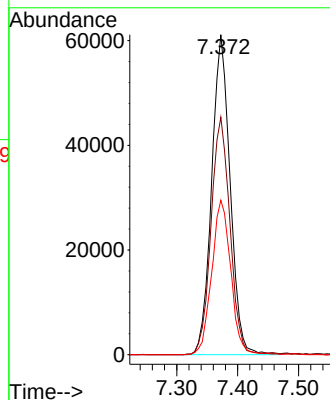
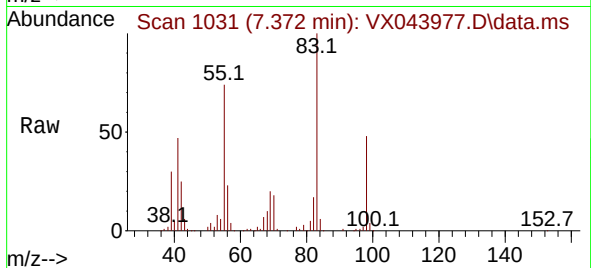
Tgt Ion: 83 Resp: 128697

Ion Ratio Lower Upper

83 100

55 74.2 63.1 94.7

98 48.3 40.0 60.0



#40

Benzene

Concen: 48.936 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX043977.D

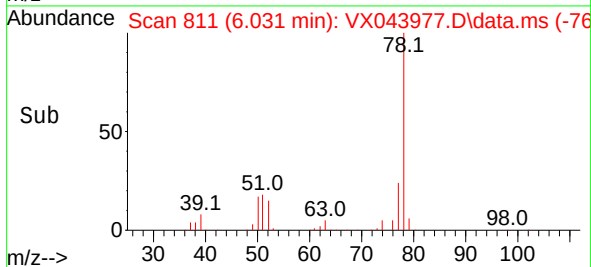
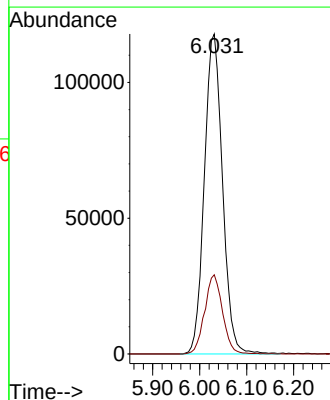
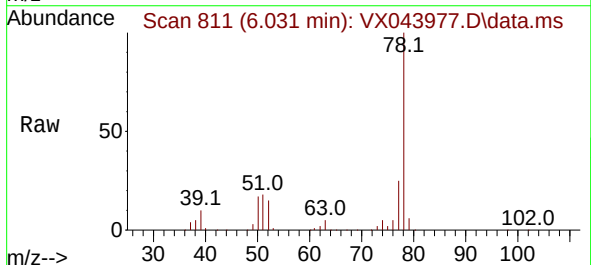
Acq: 25 Nov 2024 11:27

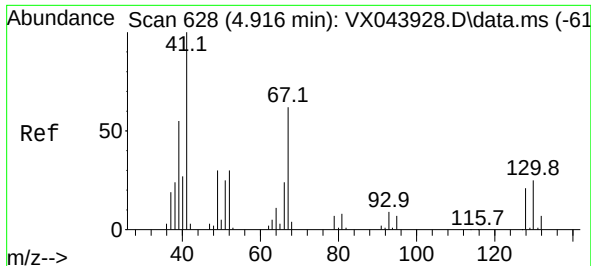
Tgt Ion: 78 Resp: 315624

Ion Ratio Lower Upper

78 100

77 24.8 19.2 28.8



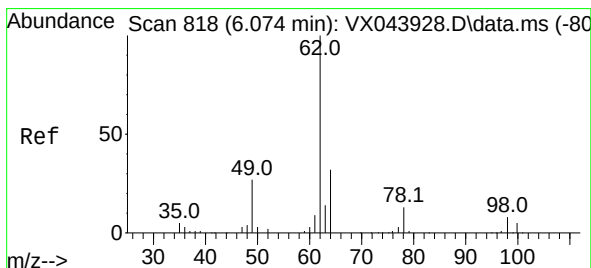
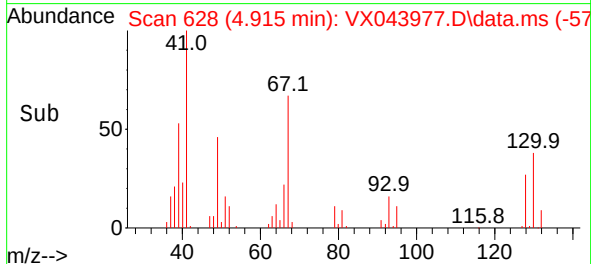
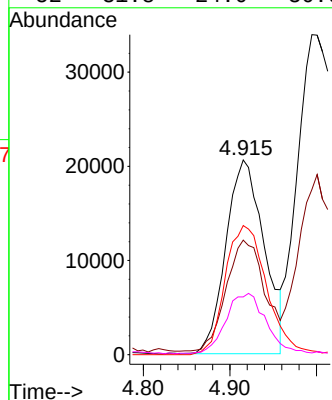
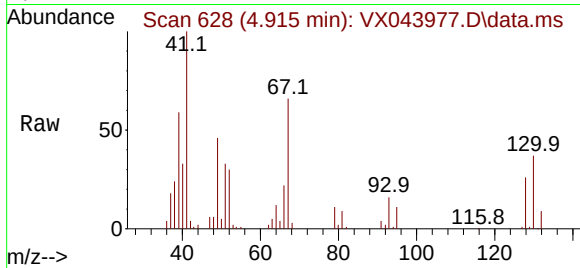


#41
Methacrylonitrile
Concen: 48.098 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 63274

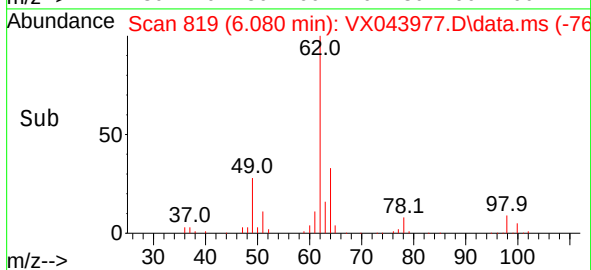
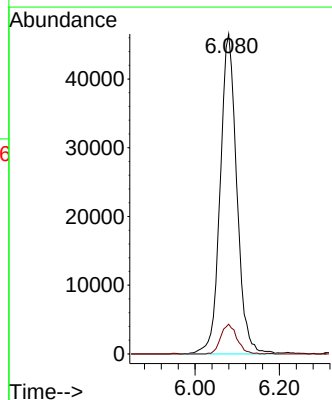
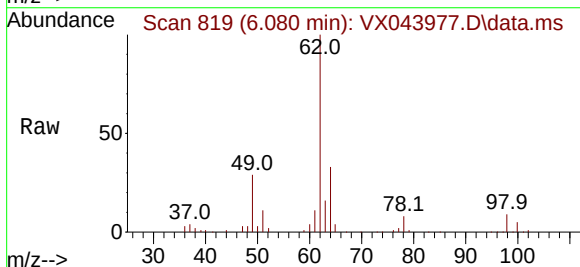
Ion	Ratio	Lower	Upper
41	100		
39	57.8	41.7	62.5
67	72.6	55.8	83.8
52	31.8	24.0	36.0

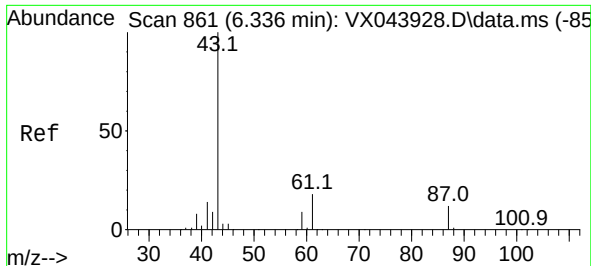


#42
1,2-Dichloroethane
Concen: 49.018 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 62 Resp: 126975

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.4





#43

Isopropyl Acetate

Concen: 48.245 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

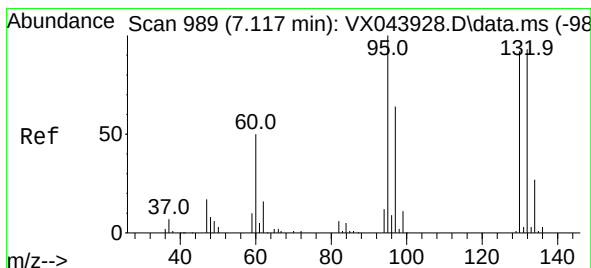
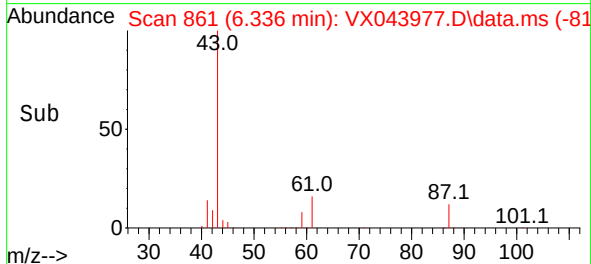
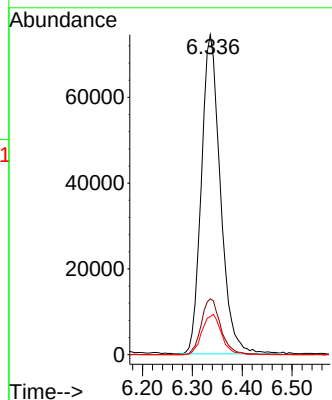
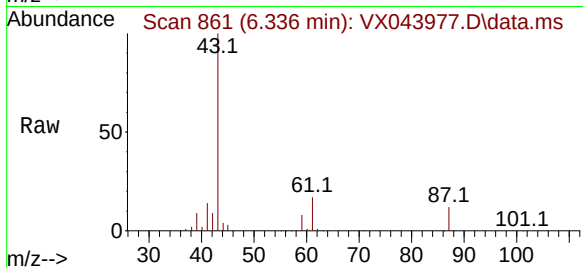
Tgt Ion: 43 Resp: 197344

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7

87 12.9 10.2 15.2



#44

Trichloroethene

Concen: 42.546 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.000 min

Lab File: VX043977.D

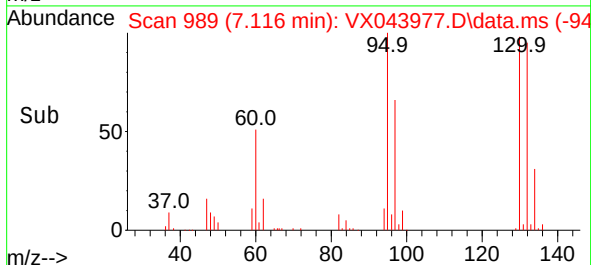
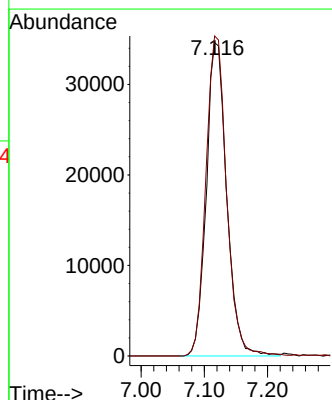
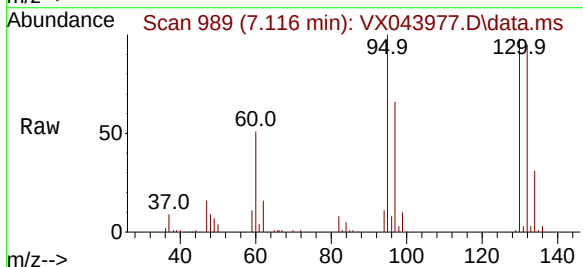
Acq: 25 Nov 2024 11:27

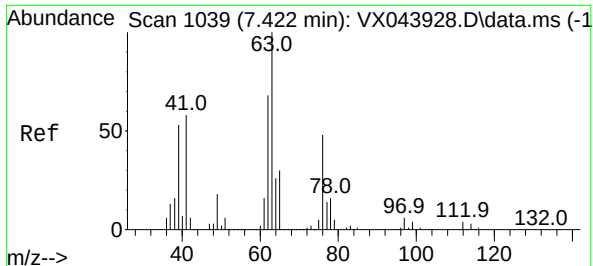
Tgt Ion:130 Resp: 77683

Ion Ratio Lower Upper

130 100

95 102.1 0.0 217.8





#45

1,2-Dichloropropane

Concen: 49.890 ug/l

RT: 7.427 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

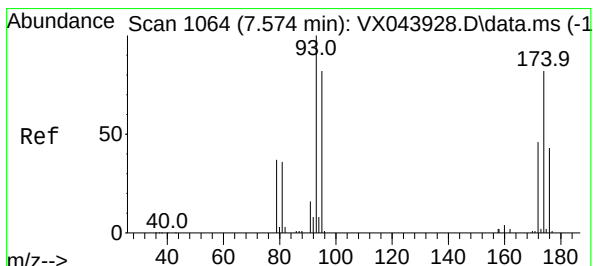
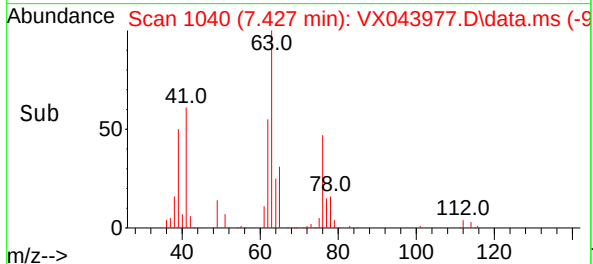
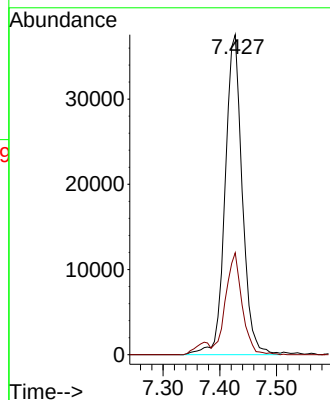
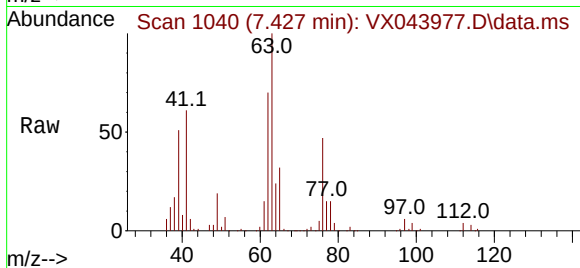
VSTDCCC050

Tgt Ion: 63 Resp: 78811

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.6



#46

Dibromomethane

Concen: 50.387 ug/l

RT: 7.573 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

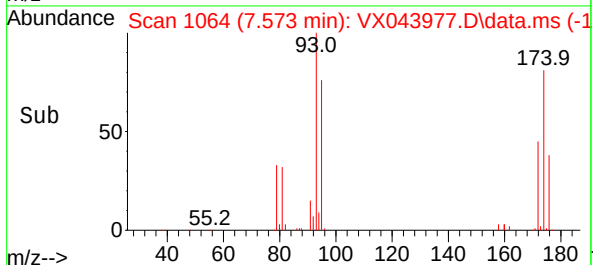
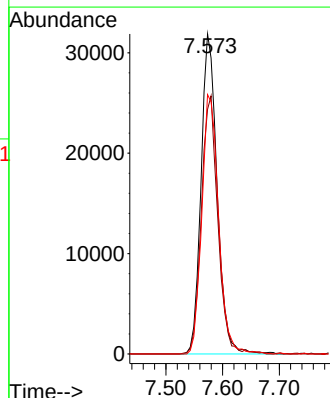
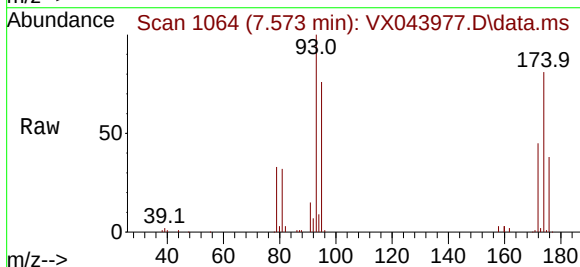
Tgt Ion: 93 Resp: 62964

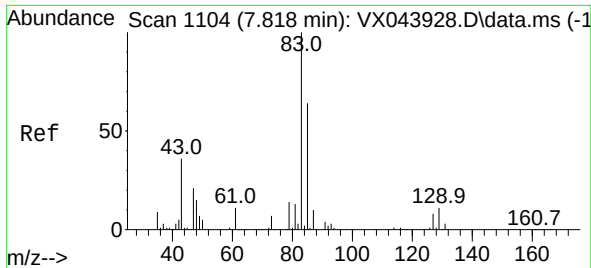
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

174 84.6 69.6 104.4

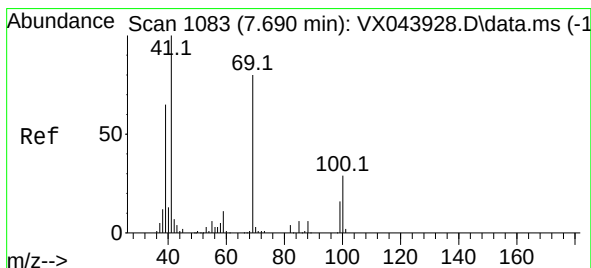
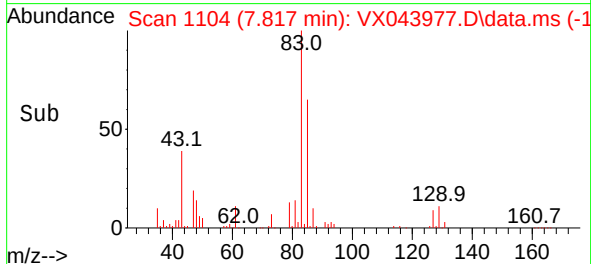
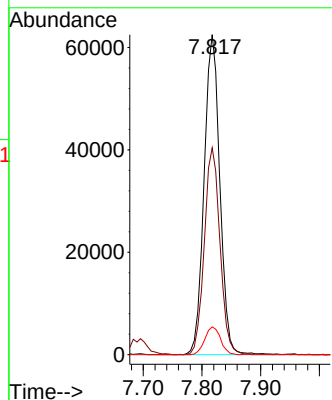
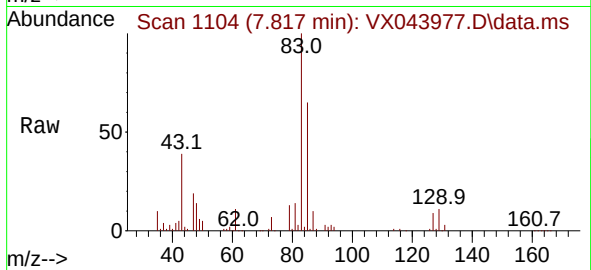




#47
Bromodichloromethane
Concen: 51.893 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

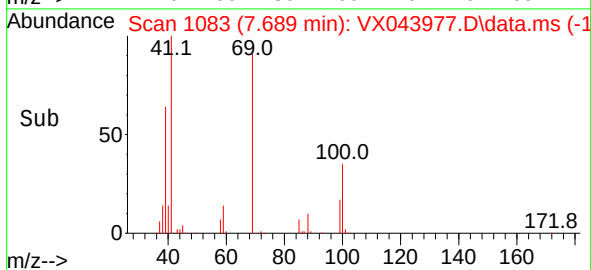
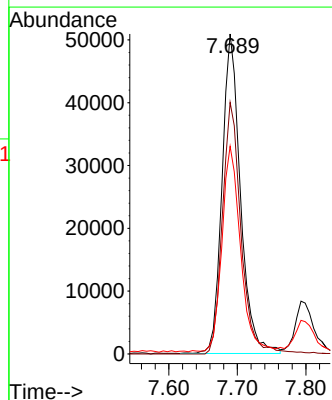
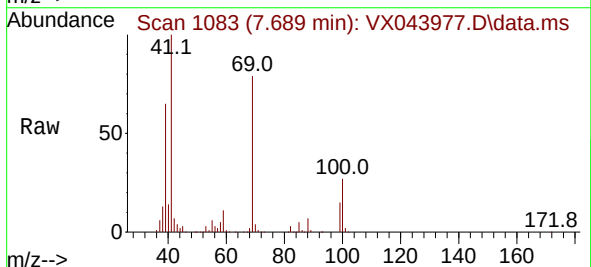
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

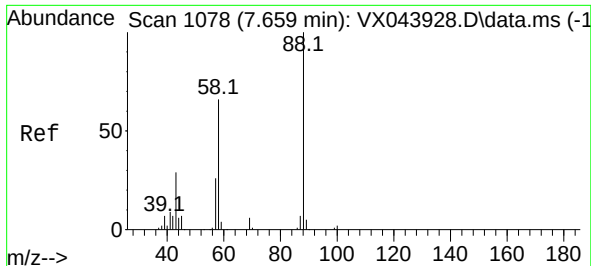
Tgt Ion: 83 Resp: 116299
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 48.244 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 41 Resp: 94692
Ion Ratio Lower Upper
41 100
69 80.0 64.6 97.0
39 63.9 53.3 79.9





#49

1,4-Dioxane

Concen: 869.321 ug/l

RT: 7.665 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

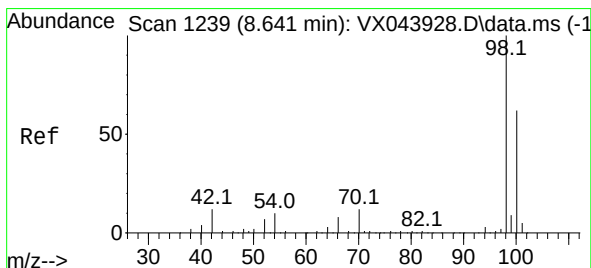
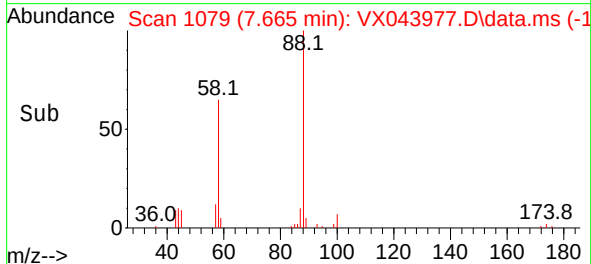
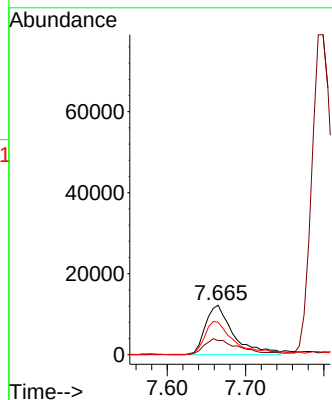
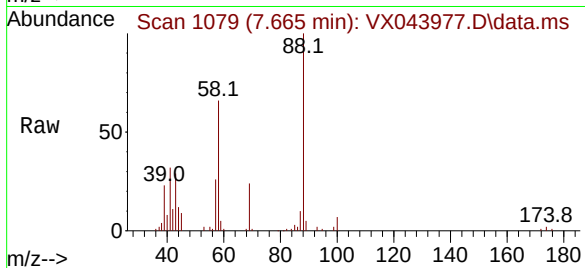
Tgt Ion: 88 Resp: 30394

Ion Ratio Lower Upper

88 100

43 40.1 26.8 40.2

58 71.7 45.4 68.2#



#50

Toluene-d8

Concen: 49.805 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043977.D

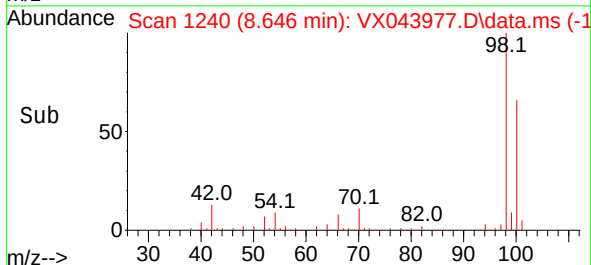
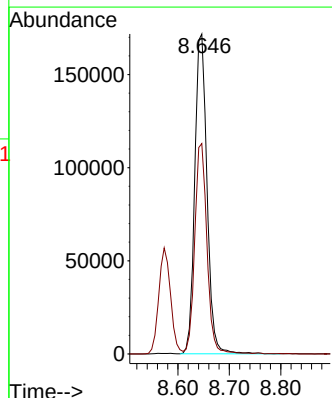
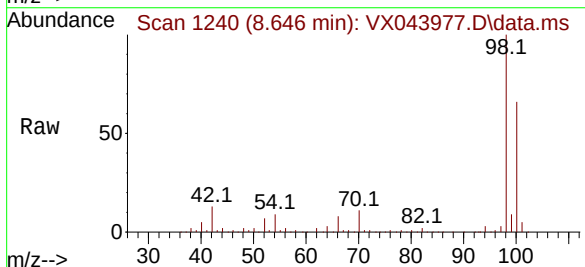
Acq: 25 Nov 2024 11:27

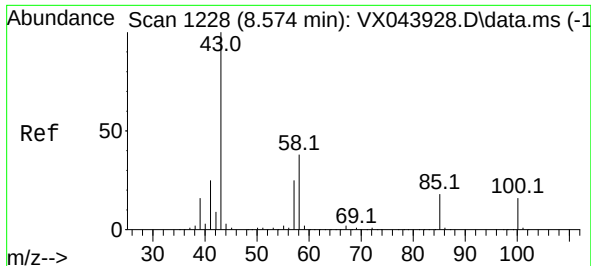
Tgt Ion: 98 Resp: 285275

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 238.823 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

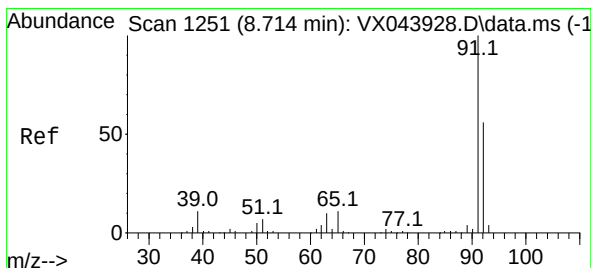
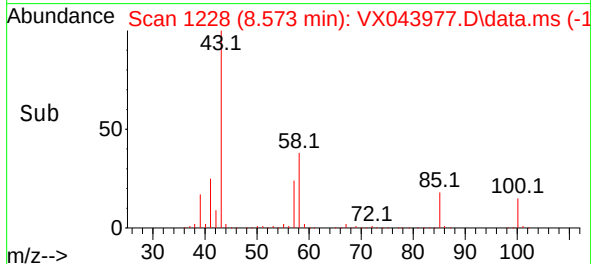
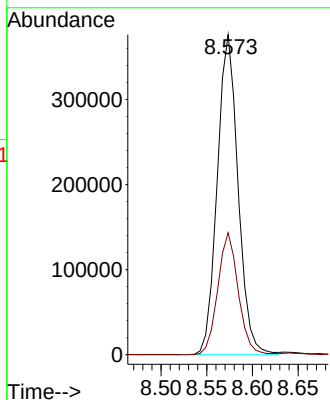
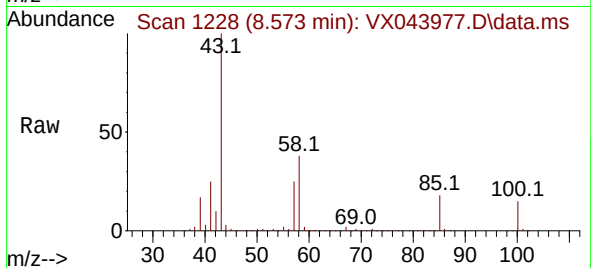
VSTDCCC050

Tgt Ion: 43 Resp: 596153

Ion Ratio Lower Upper

43 100

58 37.5 30.0 45.0



#52

Toluene

Concen: 50.022 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VX043977.D

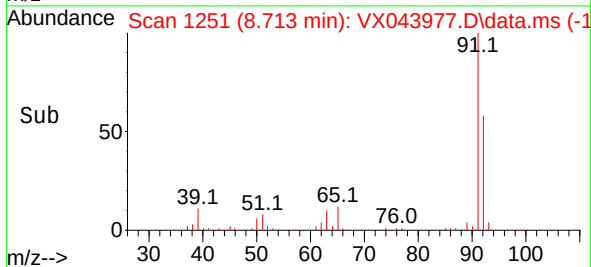
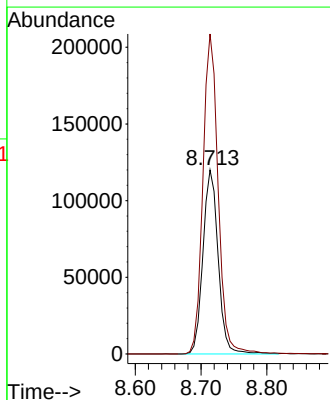
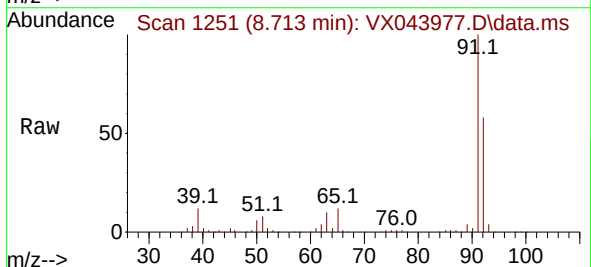
Acq: 25 Nov 2024 11:27

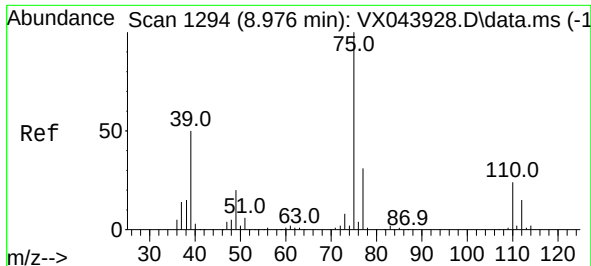
Tgt Ion: 92 Resp: 193103

Ion Ratio Lower Upper

92 100

91 174.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 51.600 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

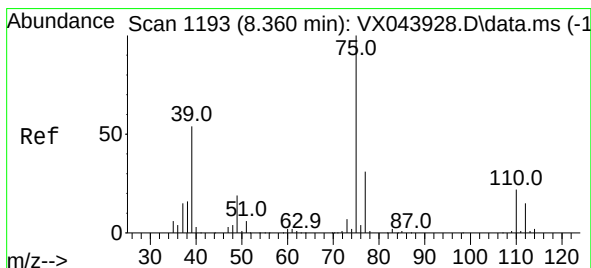
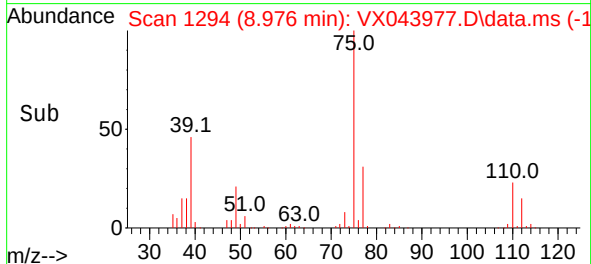
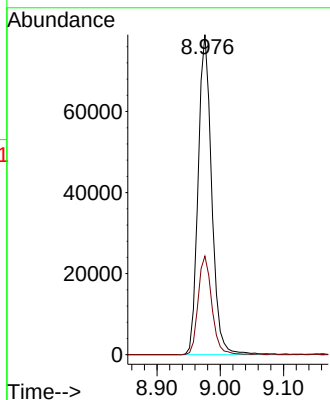
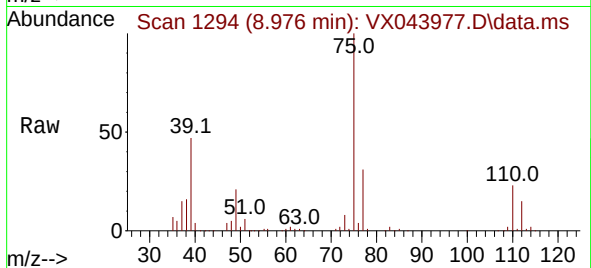
VSTDCCC050

Tgt Ion: 75 Resp: 117928

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.373 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

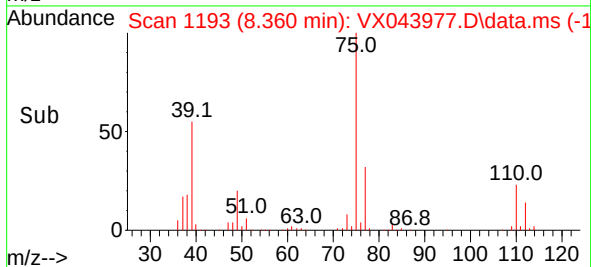
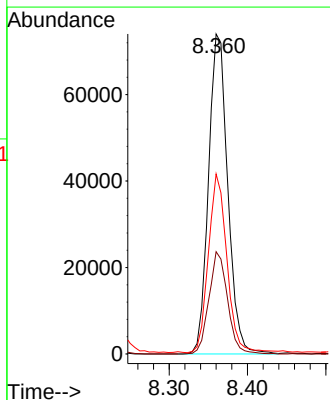
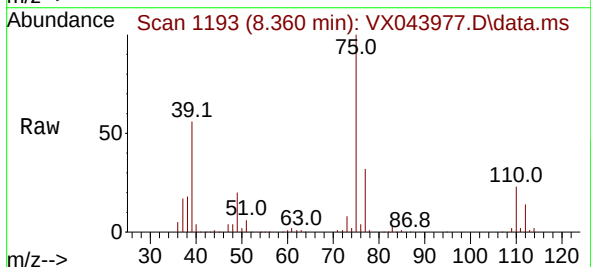
Tgt Ion: 75 Resp: 126204

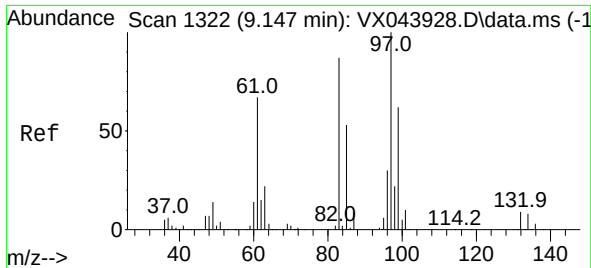
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 55.6 43.1 64.7



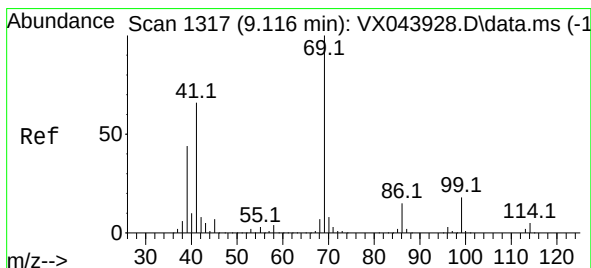
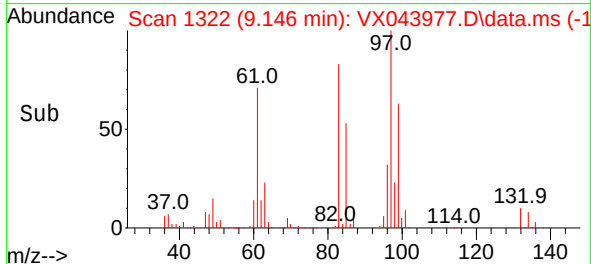
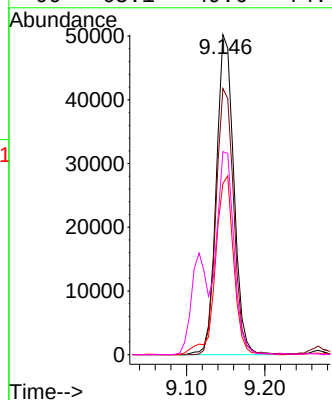
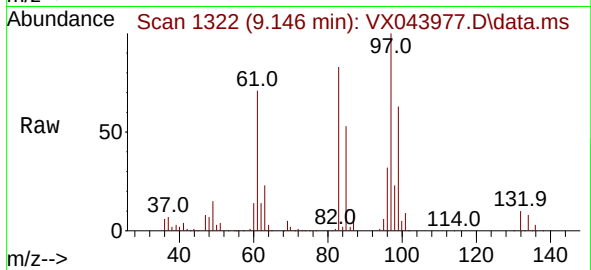


#55
1,1,2-Trichloroethane
Concen: 49.075 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.001 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 78203

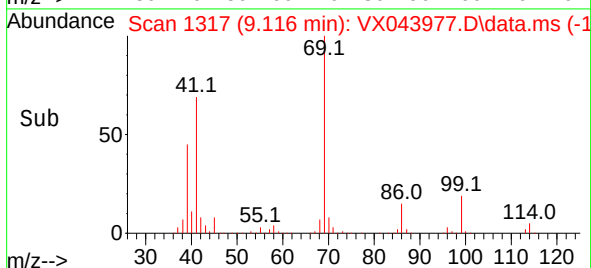
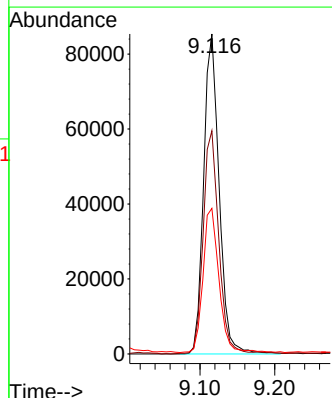
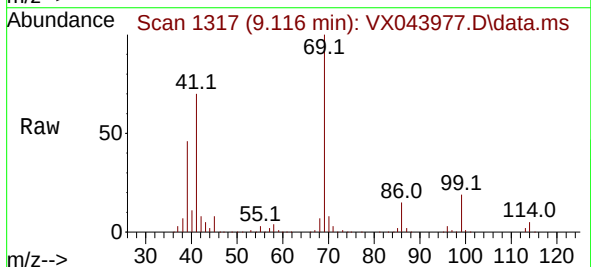
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.4	104.0
85	53.5	42.3	63.5
99	63.1	49.6	74.4

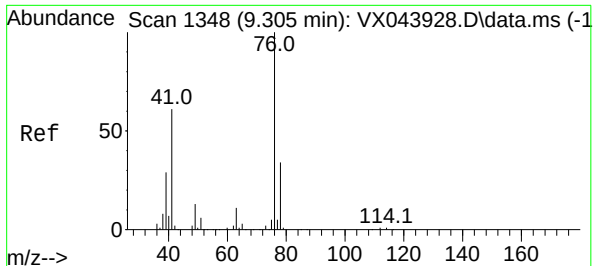


#56
Ethyl methacrylate
Concen: 49.531 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 69 Resp: 122941

Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.8	83.8
39	46.5	36.7	55.1

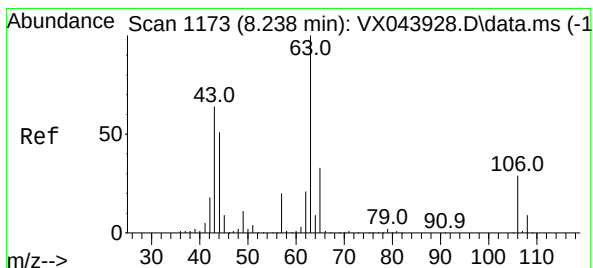
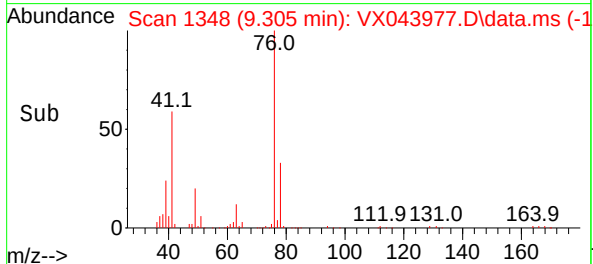
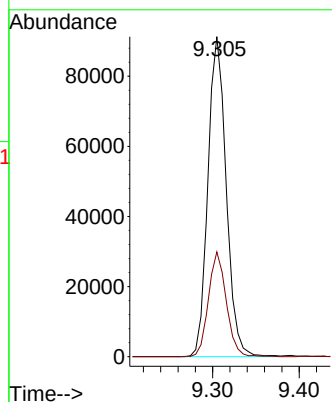
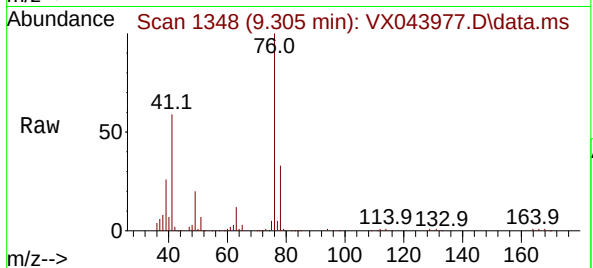




#57
1,3-Dichloropropane
Concen: 49.872 ug/l
RT: 9.305 min Scan# 114
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

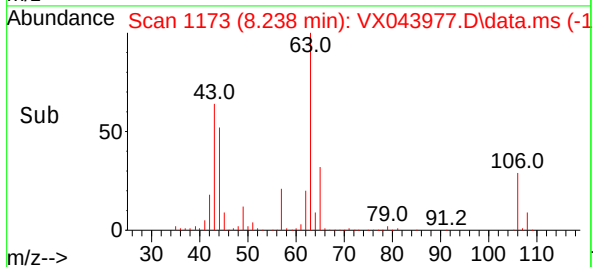
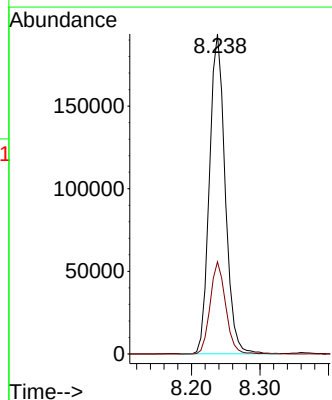
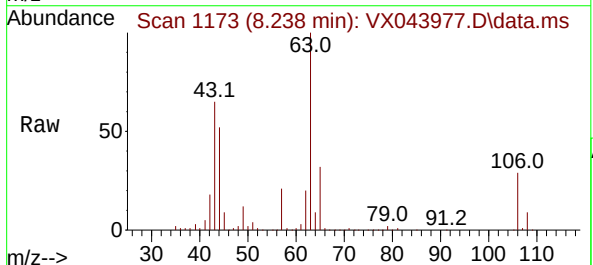
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

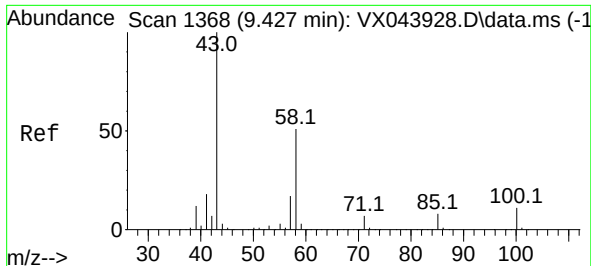
Tgt Ion: 76 Resp: 133878
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 226.771 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 63 Resp: 308826
Ion Ratio Lower Upper
63 100
106 28.4 23.0 34.6

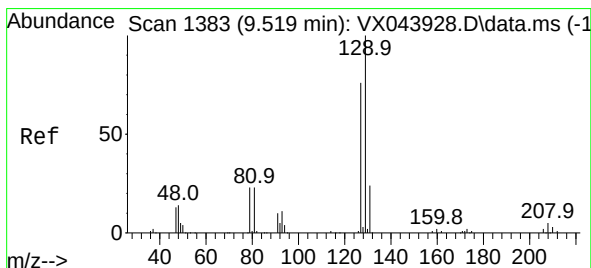
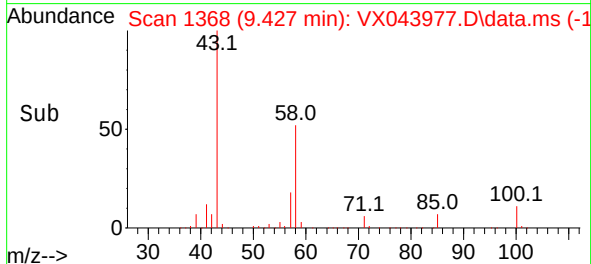
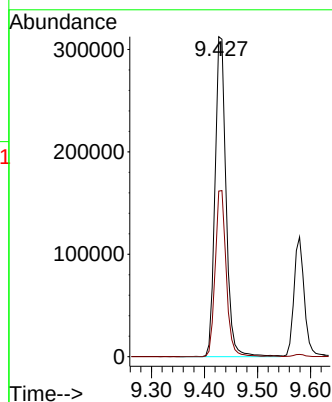
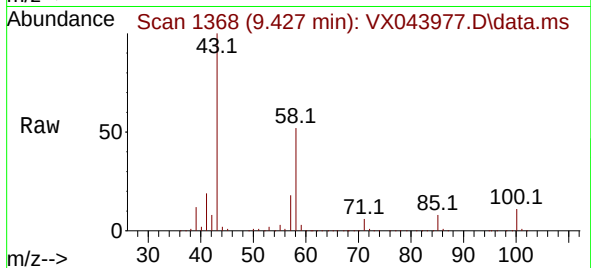




#59
2-Hexanone
Concen: 241.619 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

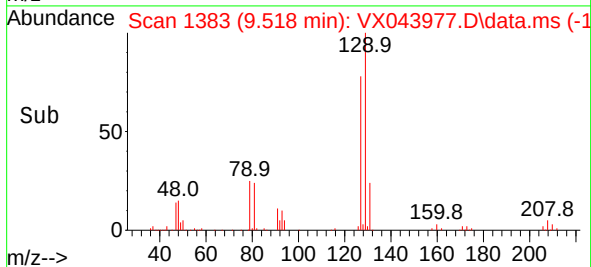
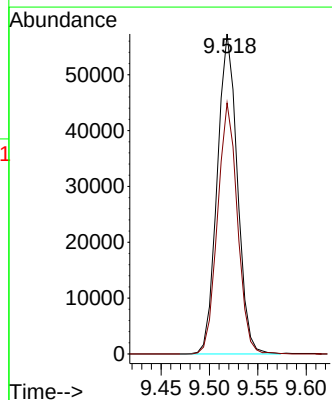
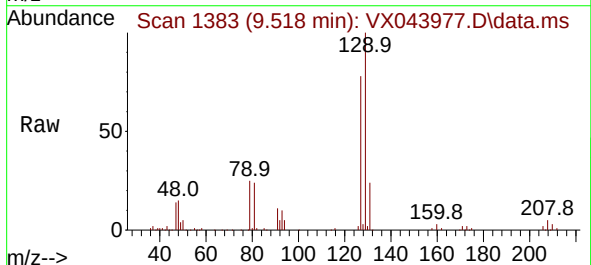
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

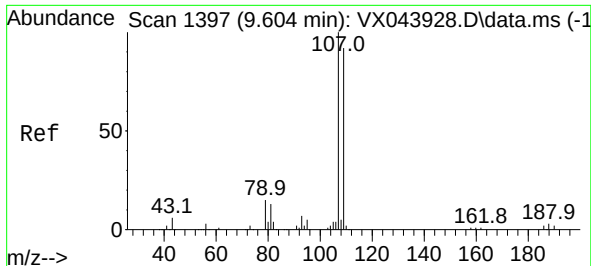
Tgt Ion: 43 Resp: 453330
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.6



#60
Dibromochloromethane
Concen: 51.814 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 129 Resp: 82843
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.645 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

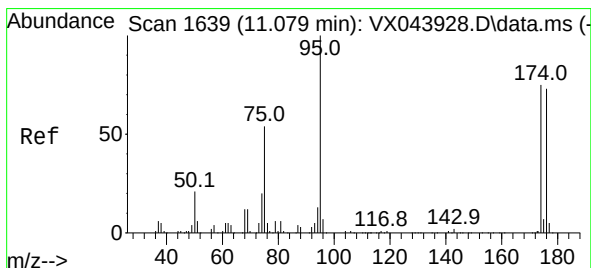
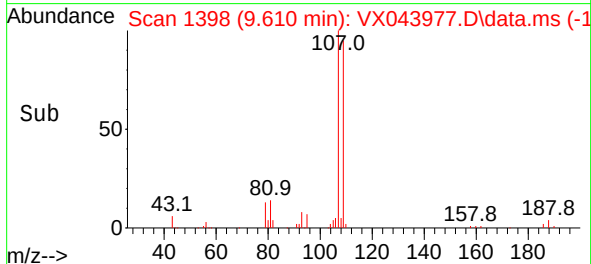
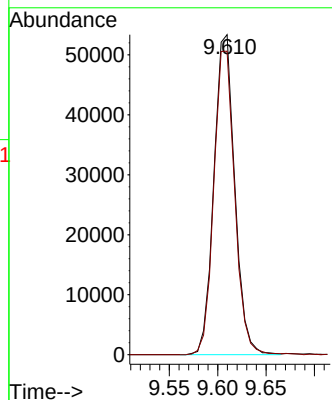
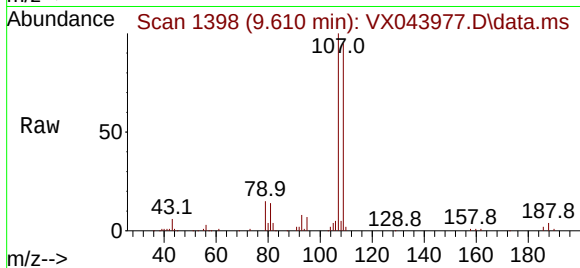
VSTDCCC050

Tgt Ion:107 Resp: 79994

Ion Ratio Lower Upper

107 100

109 95.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 50.783 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

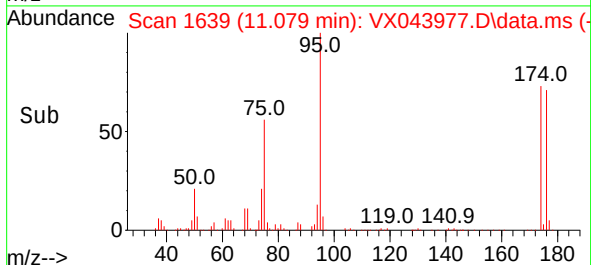
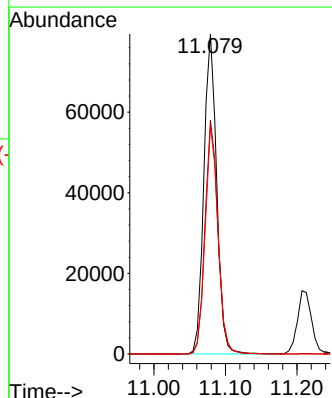
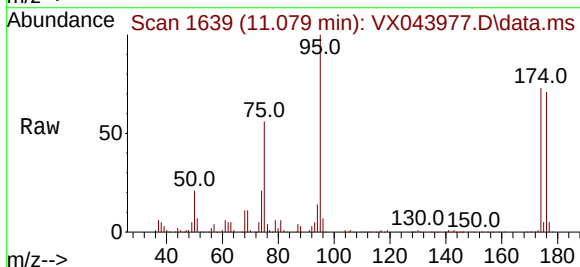
Tgt Ion: 95 Resp: 98993

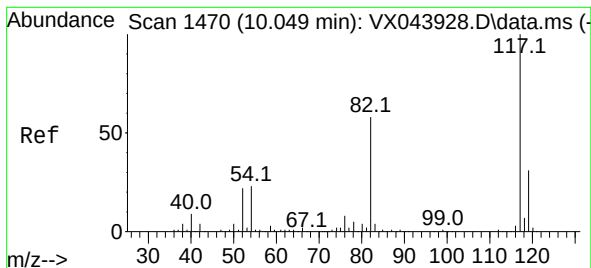
Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

176 71.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

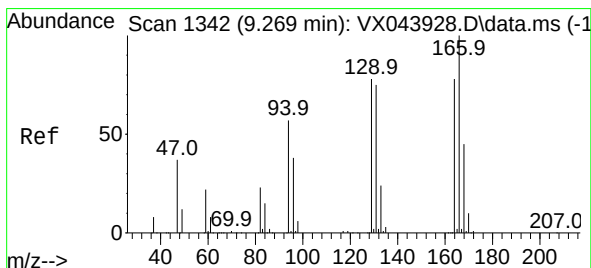
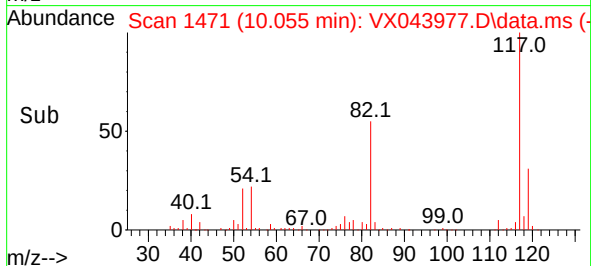
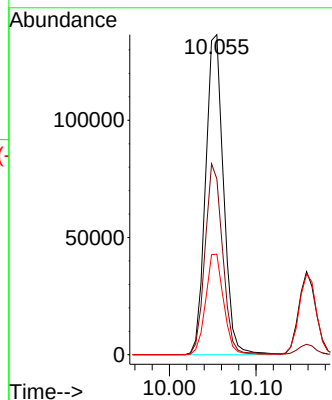
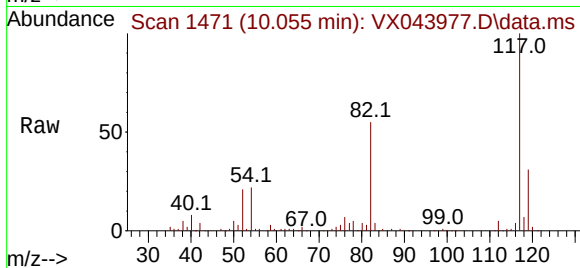
Tgt Ion:117 Resp: 196596

Ion Ratio Lower Upper

117 100

82 55.0 46.4 69.6

119 31.4 24.6 37.0



#64

Tetrachloroethene

Concen: 50.133 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Tgt Ion:164 Resp: 64988

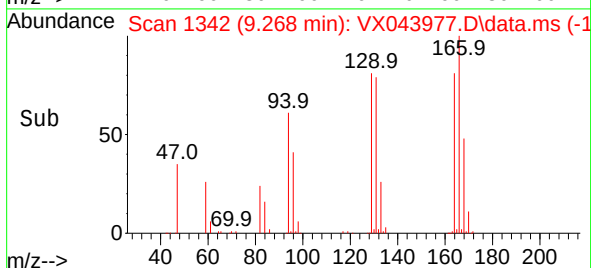
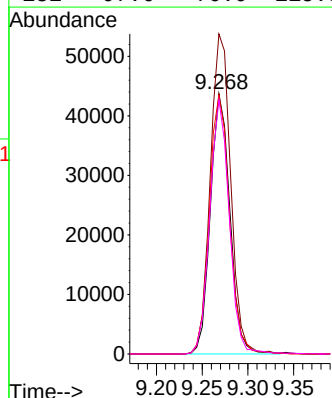
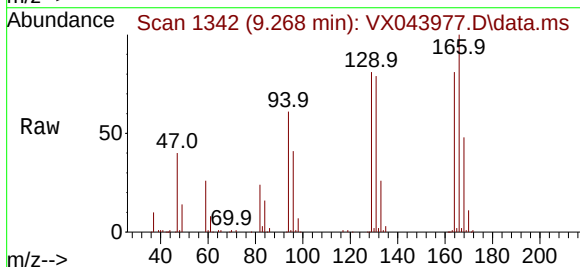
Ion Ratio Lower Upper

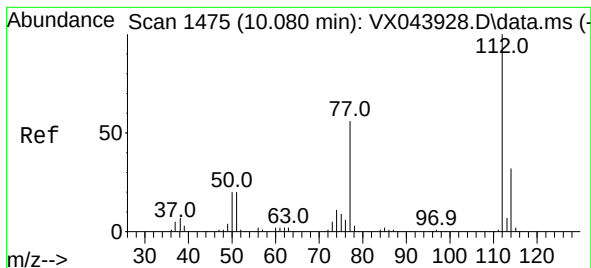
164 100

166 123.0 102.1 153.1

129 99.5 79.6 119.4

131 97.6 76.9 115.3

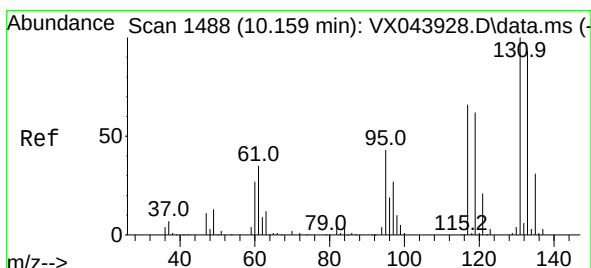
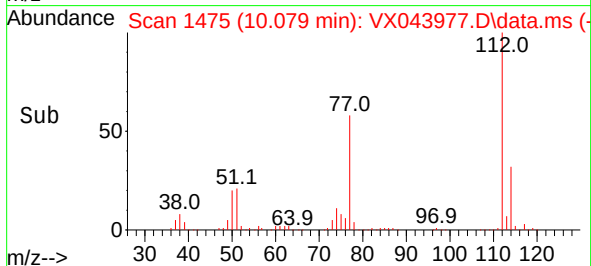
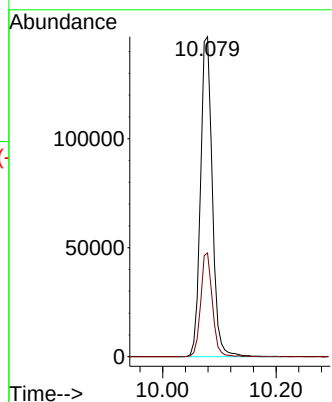
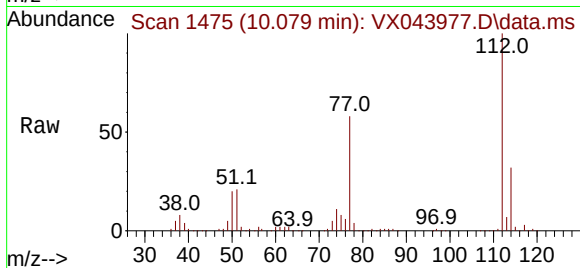




#65
Chlorobenzene
Concen: 49.197 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

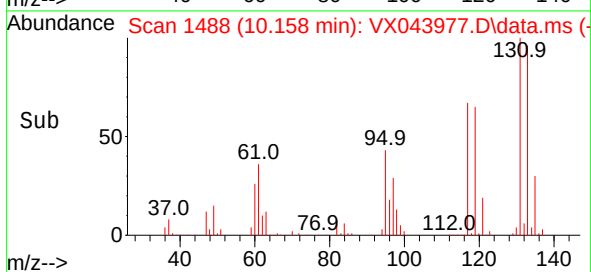
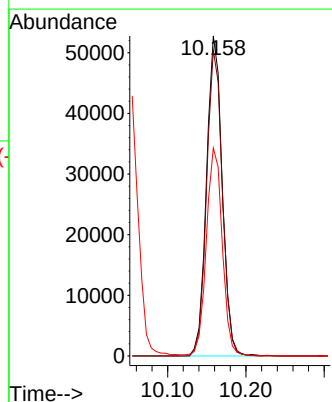
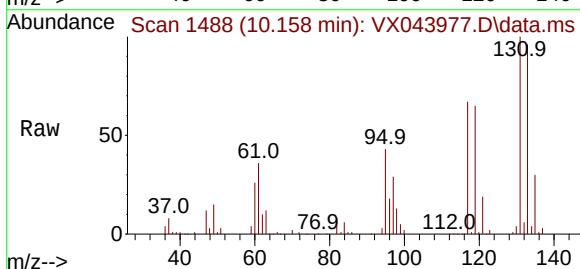
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

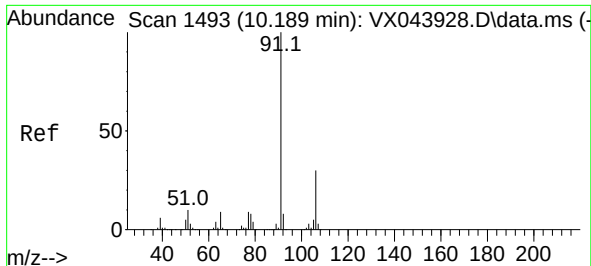
Tgt Ion:112 Resp: 212422
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.189 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion:131 Resp: 73082
Ion Ratio Lower Upper
131 100
133 95.9 48.2 144.6
119 66.2 31.5 94.5





#67

Ethyl Benzene

Concen: 50.561 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

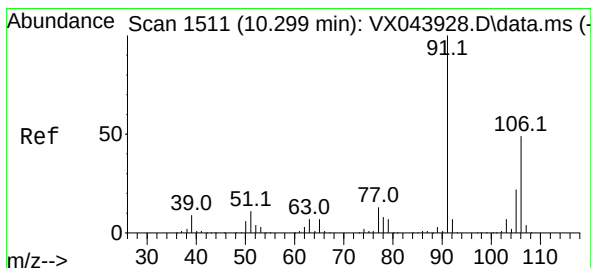
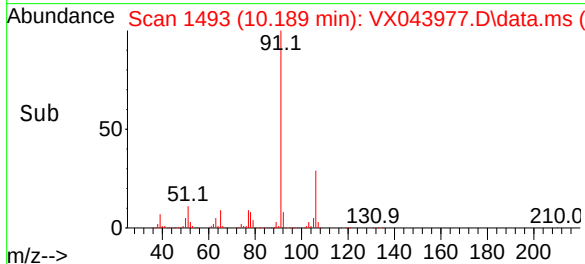
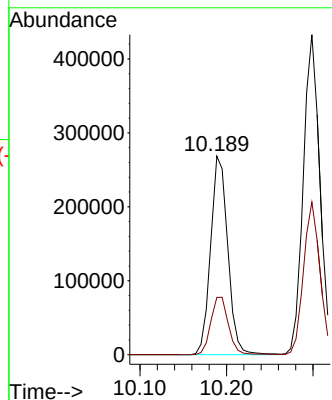
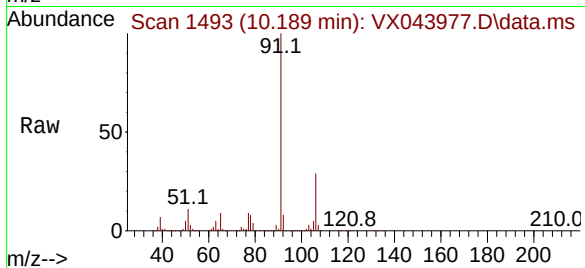
VSTDCCC050

Tgt Ion: 91 Resp: 369929

Ion Ratio Lower Upper

91 100

106 28.8 23.6 35.4



#68

m/p-Xylenes

Concen: 101.696 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.001 min

Lab File: VX043977.D

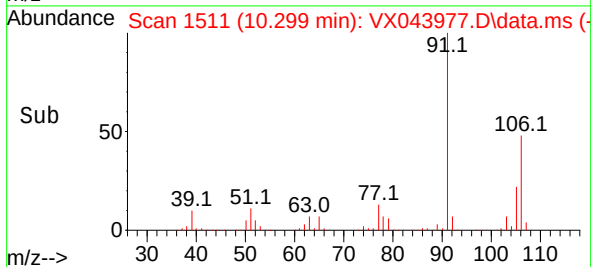
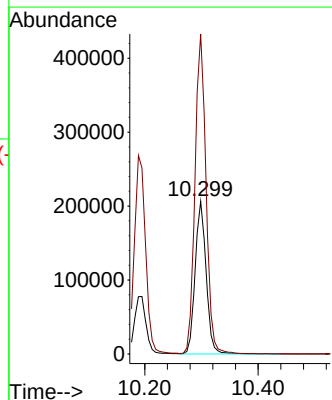
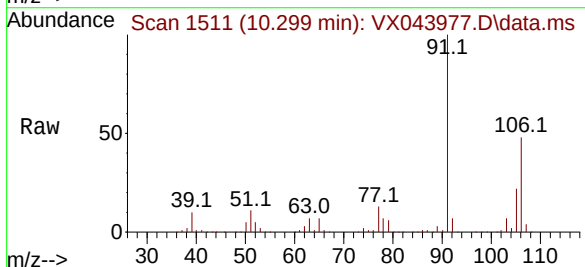
Acq: 25 Nov 2024 11:27

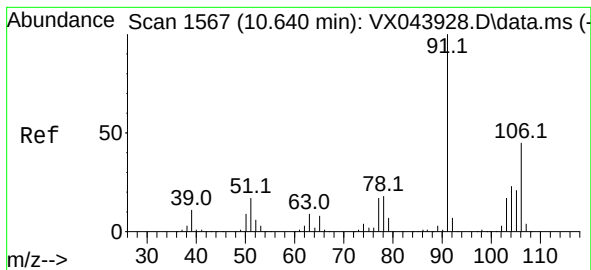
Tgt Ion:106 Resp: 277477

Ion Ratio Lower Upper

106 100

91 210.3 168.1 252.1





#69

o-Xylene

Concen: 50.067 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

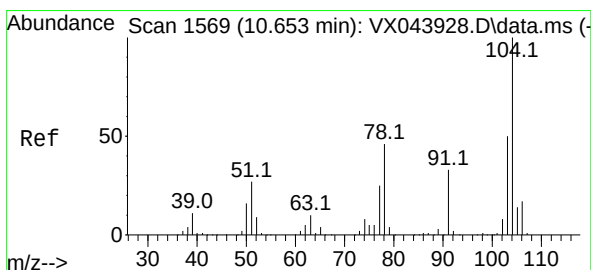
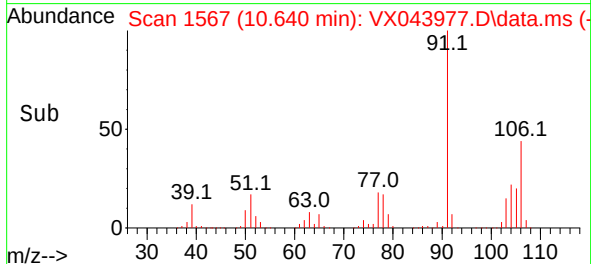
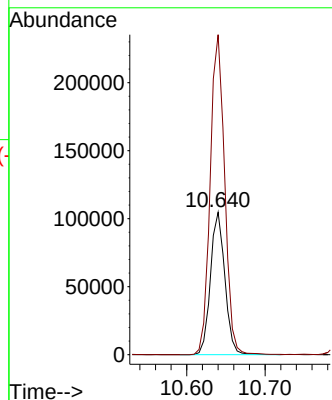
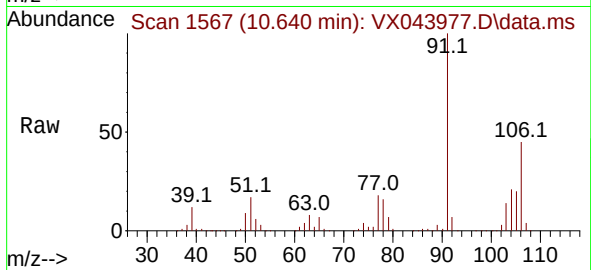
VSTDCCC050

Tgt Ion:106 Resp: 133377

Ion Ratio Lower Upper

106 100

91 226.0 110.2 330.6



#70

Styrene

Concen: 52.353 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

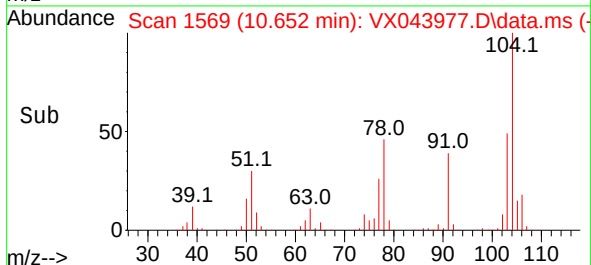
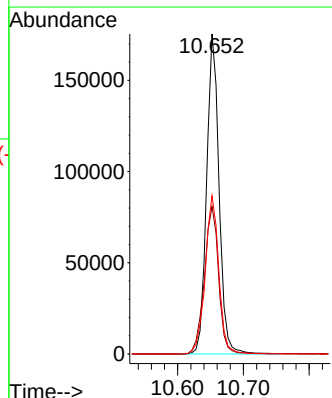
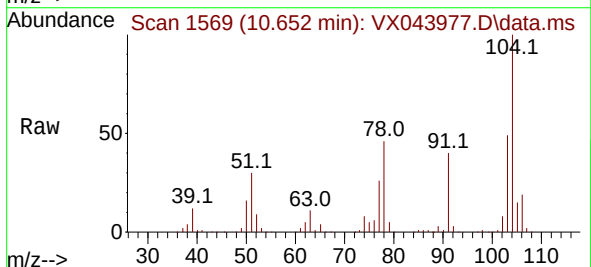
Tgt Ion:104 Resp: 230674

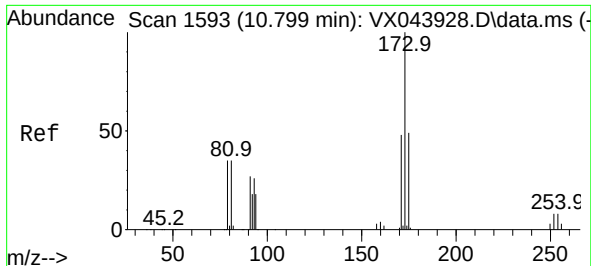
Ion Ratio Lower Upper

104 100

78 52.8 42.2 63.2

103 54.3 44.7 67.1

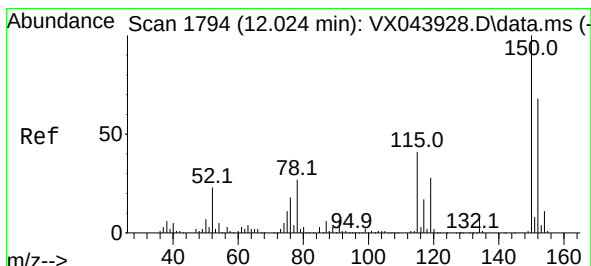
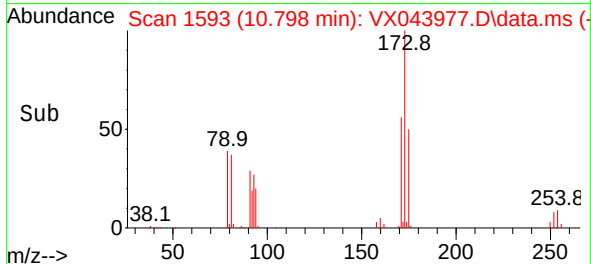
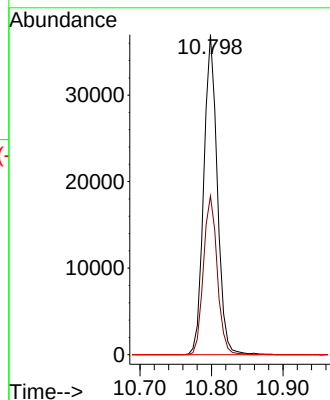
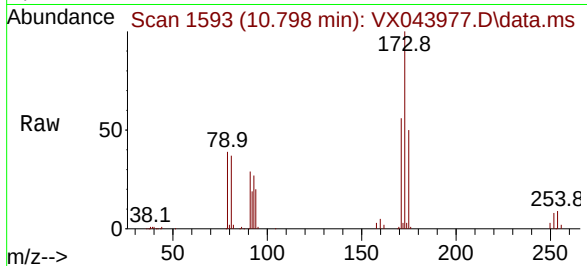




#71
Bromoform
Concen: 46.066 ug/l
RT: 10.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

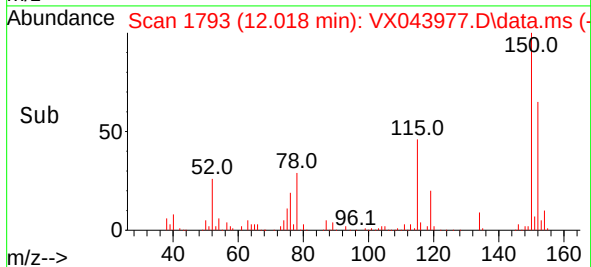
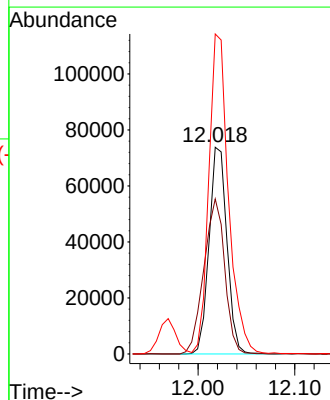
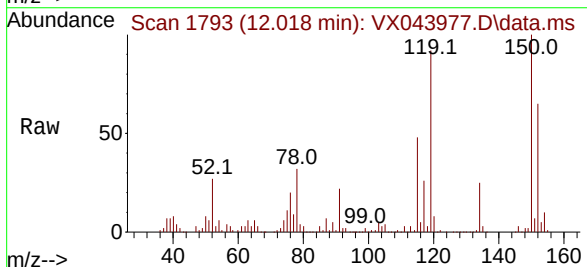
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

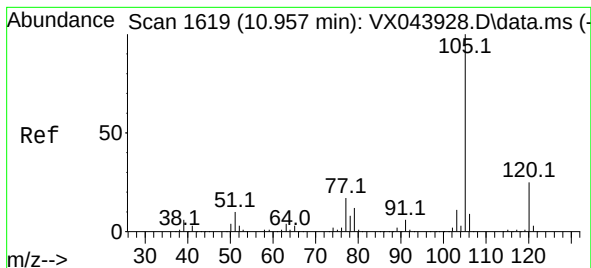
Tgt Ion:173 Resp: 48701
Ion Ratio Lower Upper
173 100
175 50.4 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion:152 Resp: 94886
Ion Ratio Lower Upper
152 100
115 87.5 45.4 136.2
150 170.8 0.0 353.0





#73

Isopropylbenzene

Concen: 48.163 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

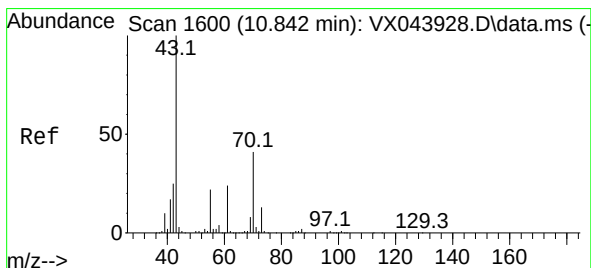
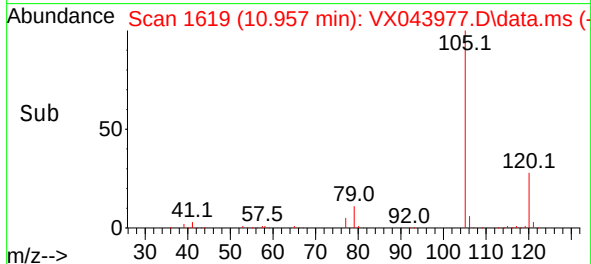
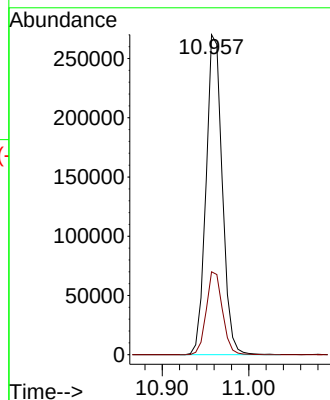
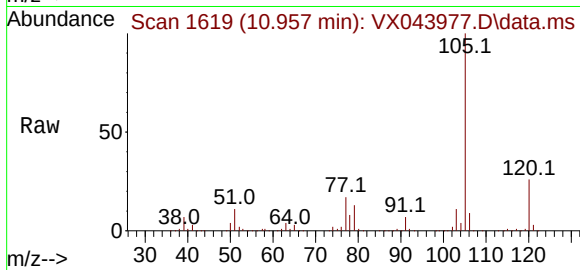
VSTDCCC050

Tgt Ion:105 Resp: 351294

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 48.361 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Tgt Ion: 43 Resp: 163405

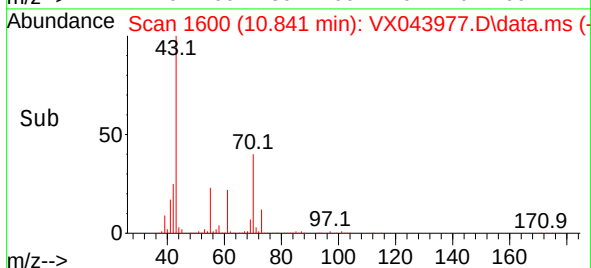
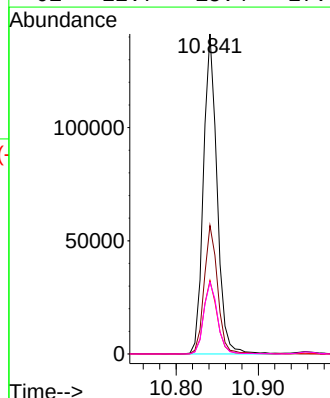
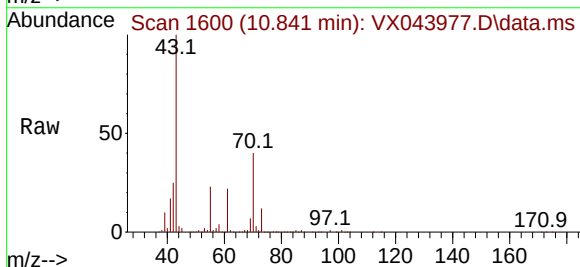
Ion Ratio Lower Upper

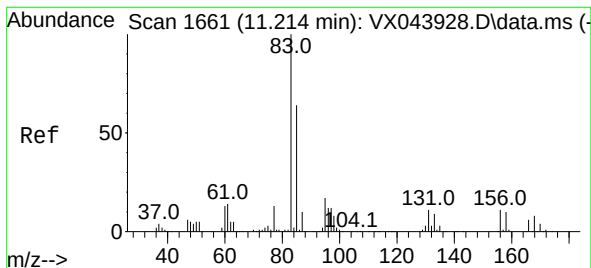
43 100

70 39.7 32.2 48.2

55 22.8 18.1 27.1

61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.323 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

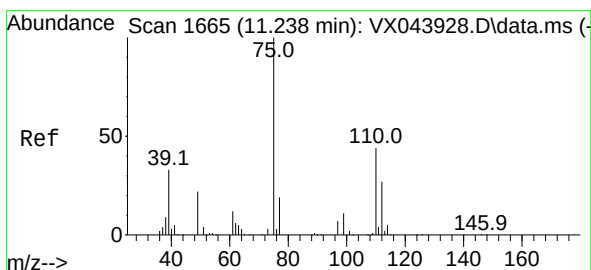
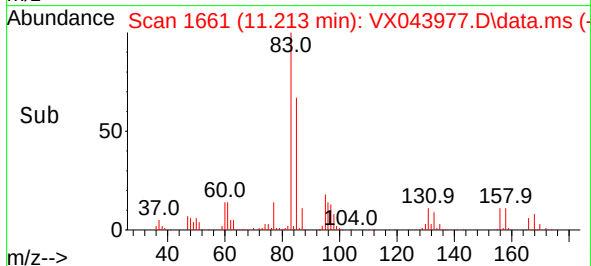
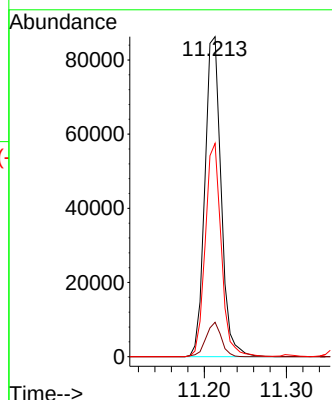
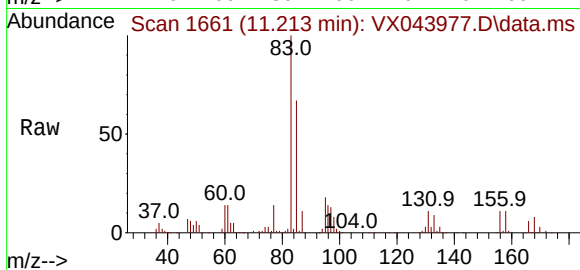
Tgt Ion: 83 Resp: 118187

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 65.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 62.881 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.001 min

Lab File: VX043977.D

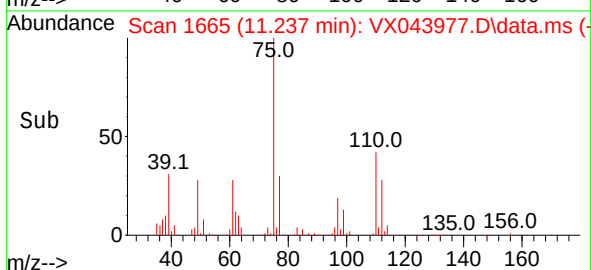
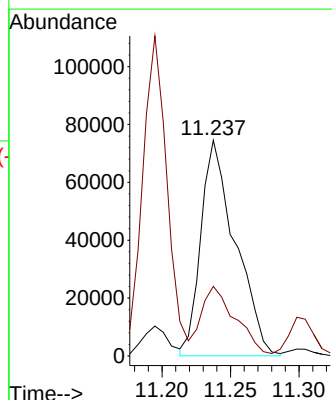
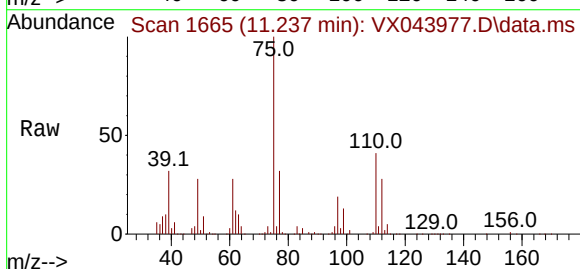
Acq: 25 Nov 2024 11:27

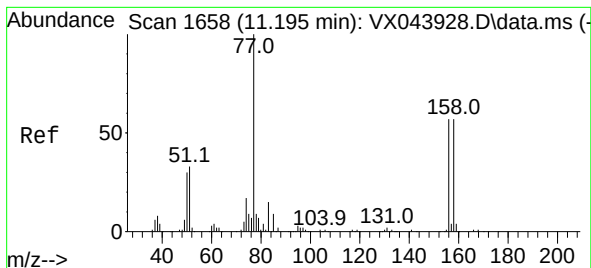
Tgt Ion: 75 Resp: 130845

Ion Ratio Lower Upper

75 100

77 32.0 21.8 65.3





#77

Bromobenzene

Concen: 48.374 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

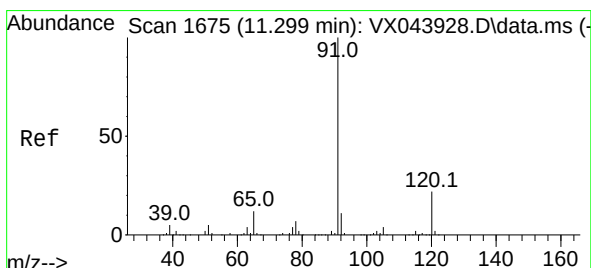
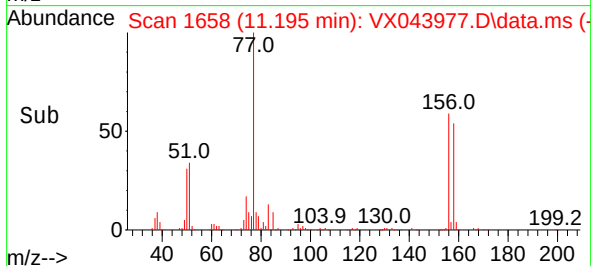
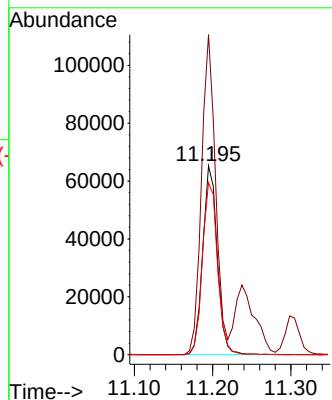
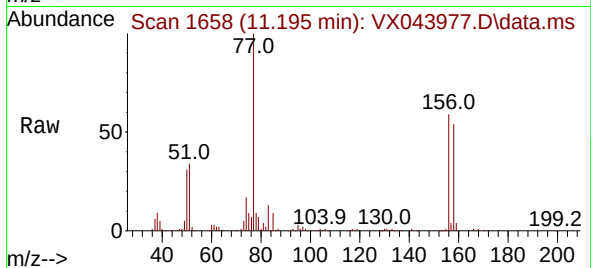
Tgt Ion:156 Resp: 84168

Ion Ratio Lower Upper

156 100

77 163.8 83.4 250.1

158 94.8 47.6 142.8



#78

n-propylbenzene

Concen: 49.892 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX043977.D

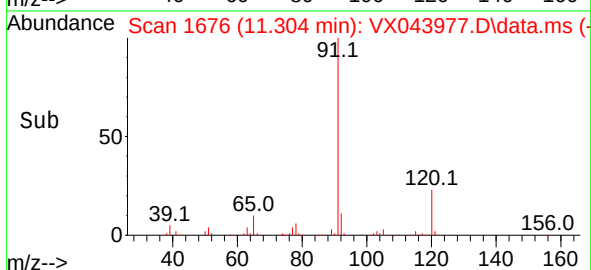
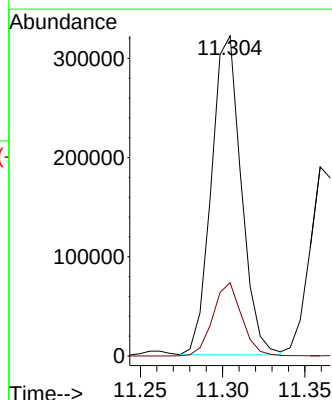
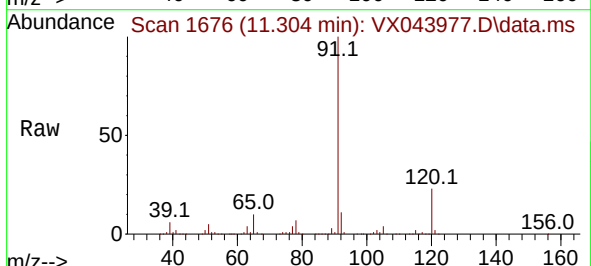
Acq: 25 Nov 2024 11:27

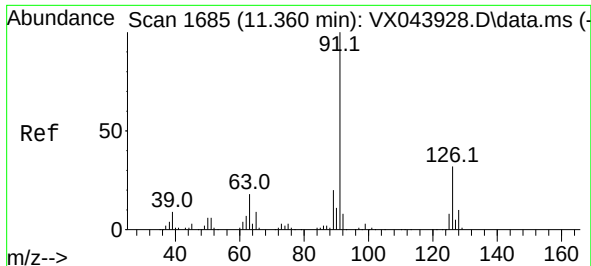
Tgt Ion: 91 Resp: 406428

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.802 ug/l

RT: 11.359 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

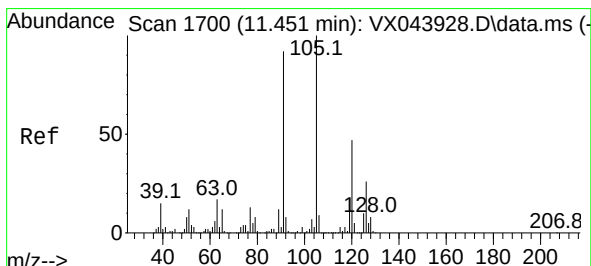
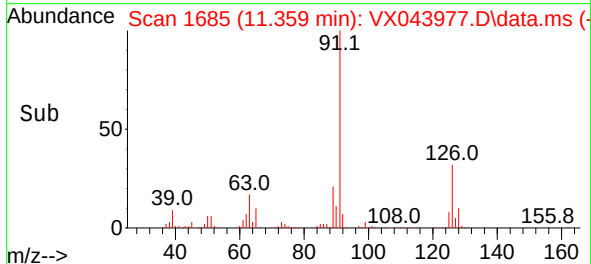
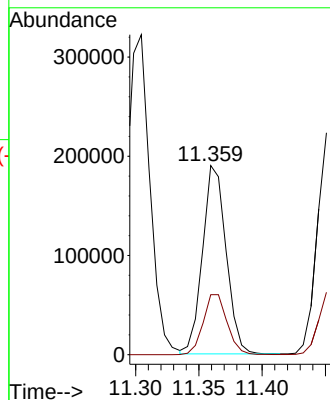
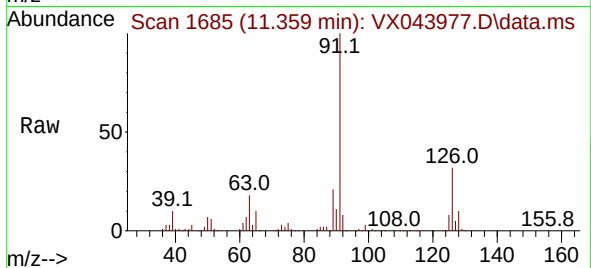
VSTDCCC050

Tgt Ion: 91 Resp: 246237

Ion Ratio Lower Upper

91 100

126 32.5 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 49.689 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043977.D

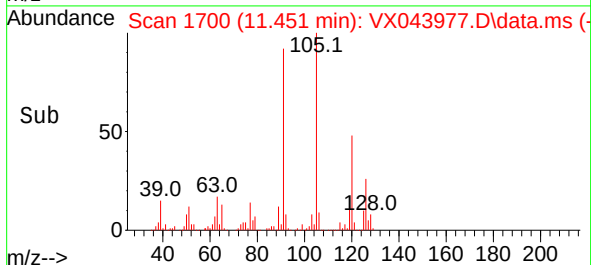
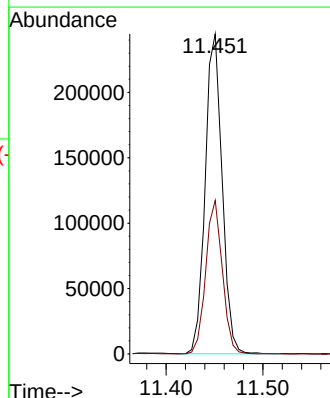
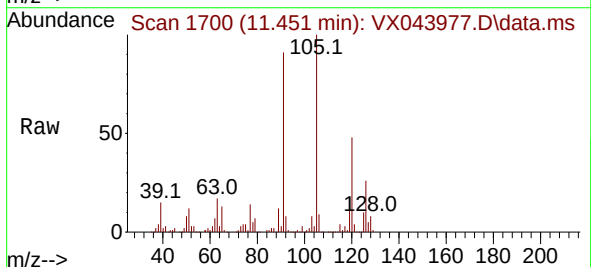
Acq: 25 Nov 2024 11:27

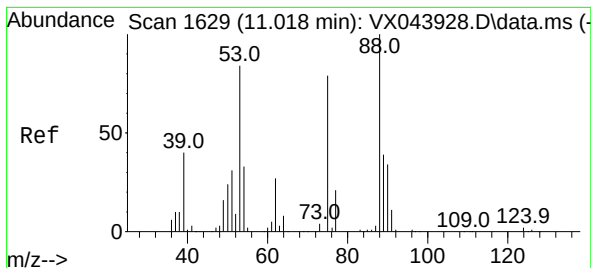
Tgt Ion:105 Resp: 298167

Ion Ratio Lower Upper

105 100

120 47.3 23.3 69.8

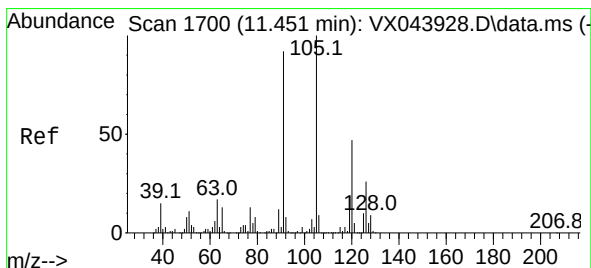
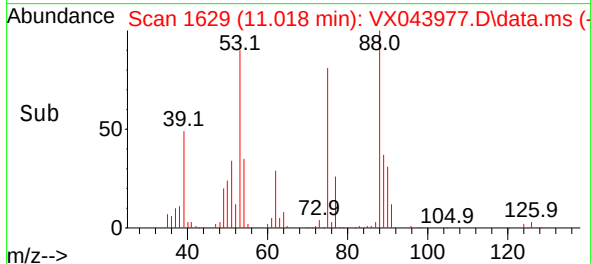
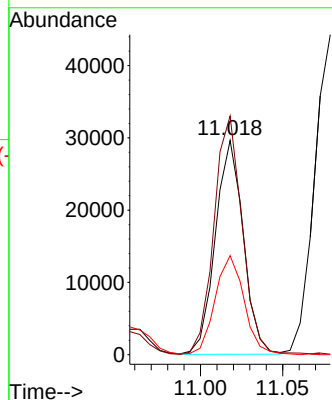
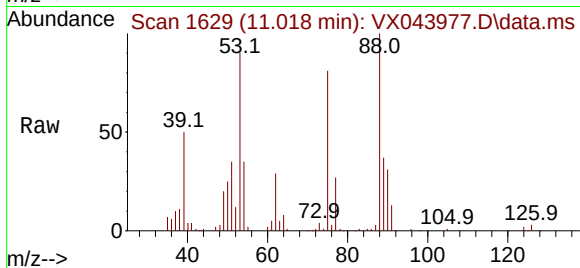




#81
trans-1,4-Dichloro-2-butene
Concen: 45.951 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

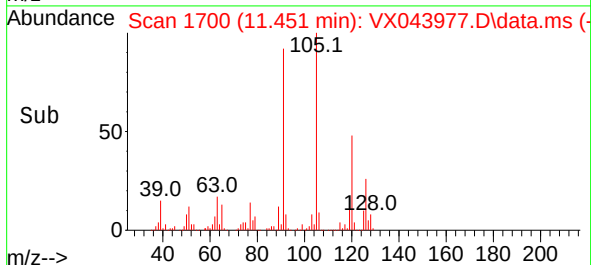
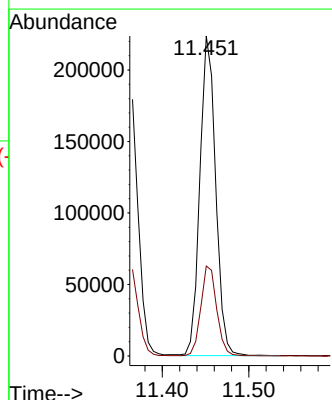
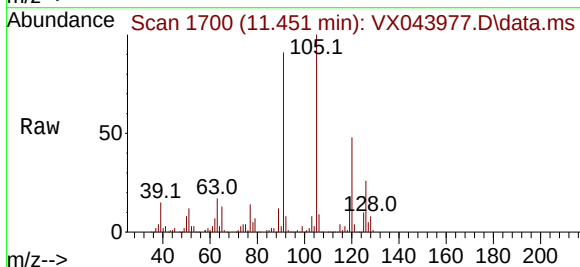
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

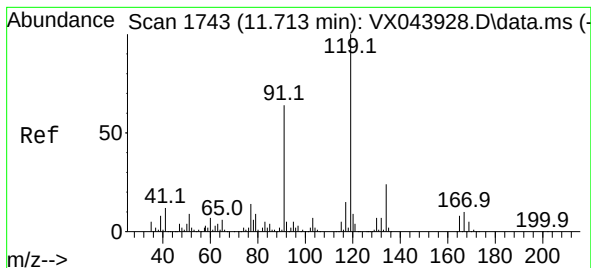
Tgt Ion: 75 Resp: 35040
Ion Ratio Lower Upper
75 100
53 113.2 86.7 130.1
89 48.2 38.2 57.2



#82
4-Chlorotoluene
Concen: 48.585 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043977.D
Acq: 25 Nov 2024 11:27

Tgt Ion: 91 Resp: 282543
Ion Ratio Lower Upper
91 100
126 28.2 14.3 42.9





#83

tert-Butylbenzene

Concen: 49.242 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

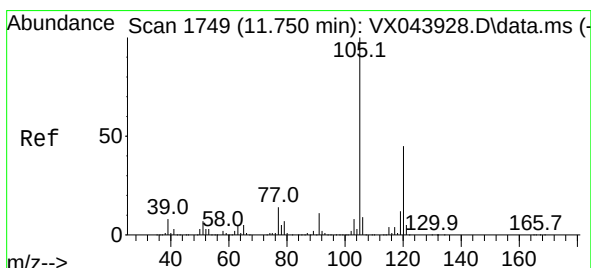
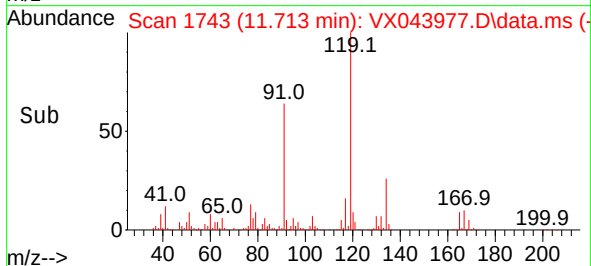
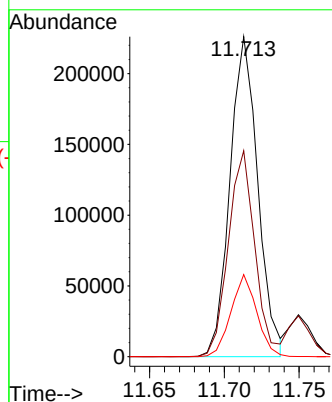
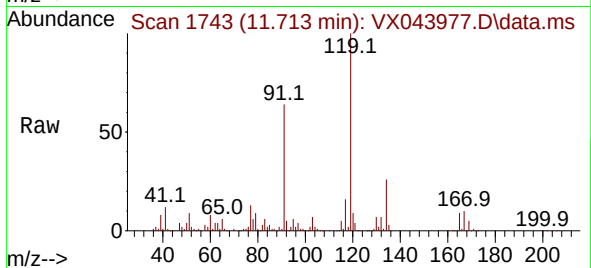
Tgt Ion:119 Resp: 292877

Ion Ratio Lower Upper

119 100

91 61.5 31.0 93.0

134 23.8 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 49.987 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043977.D

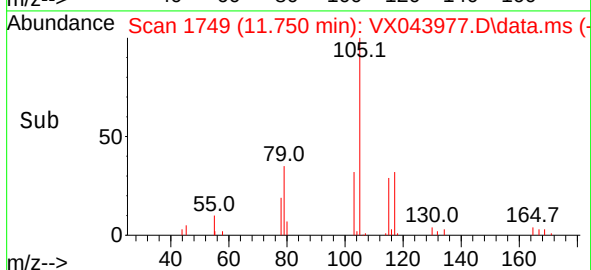
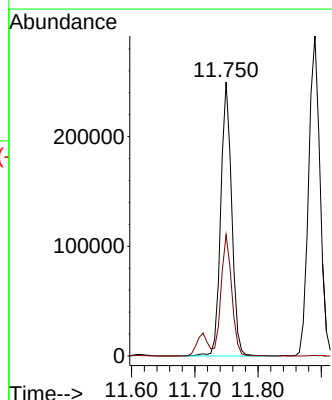
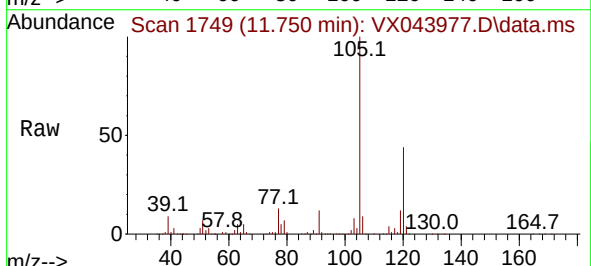
Acq: 25 Nov 2024 11:27

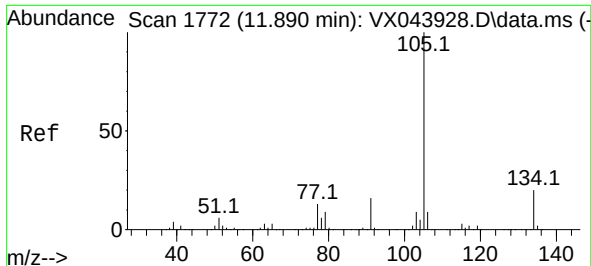
Tgt Ion:105 Resp: 298636

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 49.775 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

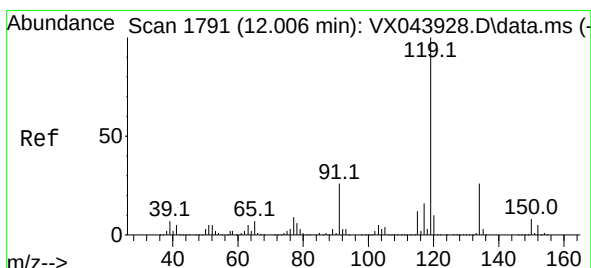
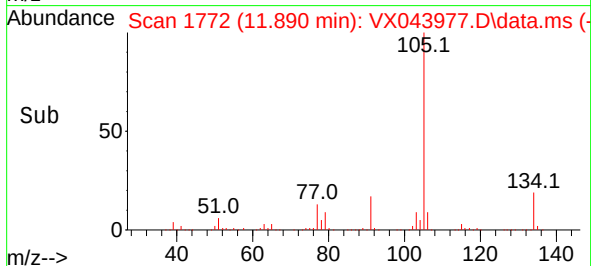
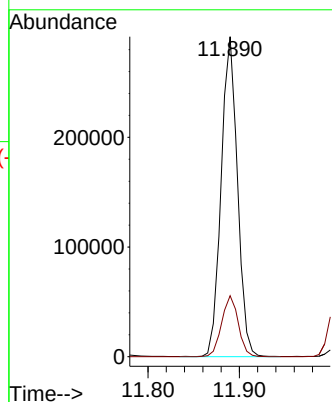
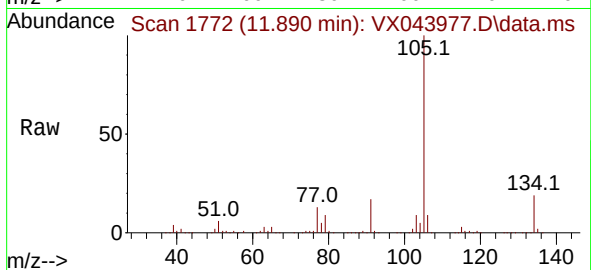
VSTDCCC050

Tgt Ion:105 Resp: 362725

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 51.764 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

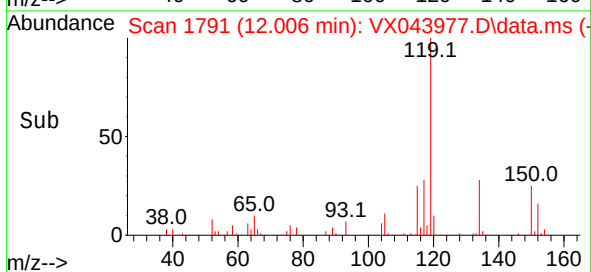
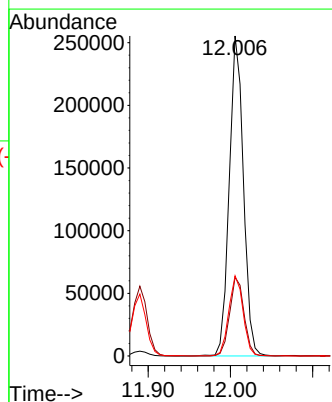
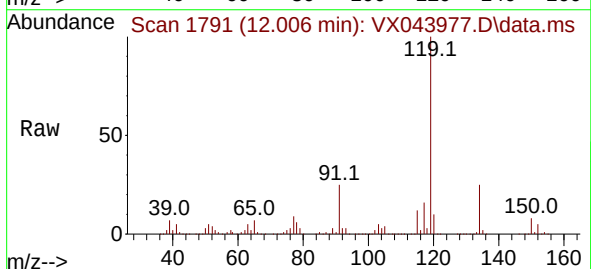
Tgt Ion:119 Resp: 306406

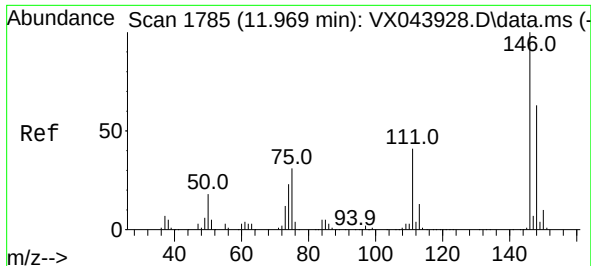
Ion Ratio Lower Upper

119 100

134 25.0 13.0 38.9

91 25.4 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 48.622 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

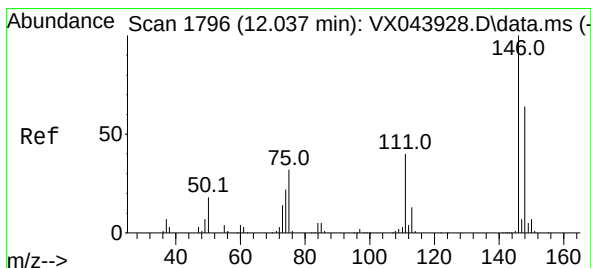
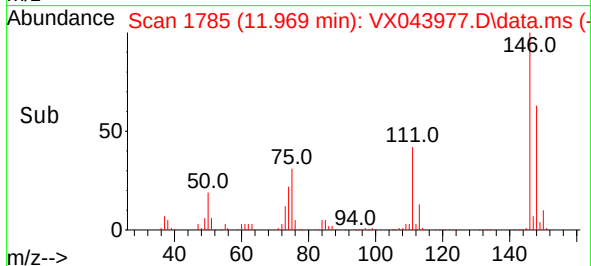
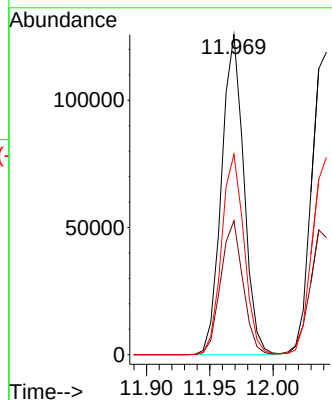
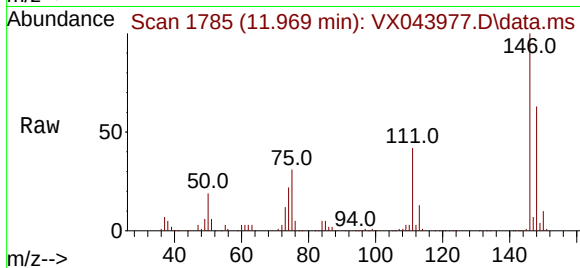
Tgt Ion:146 Resp: 154082

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.3

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.493 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

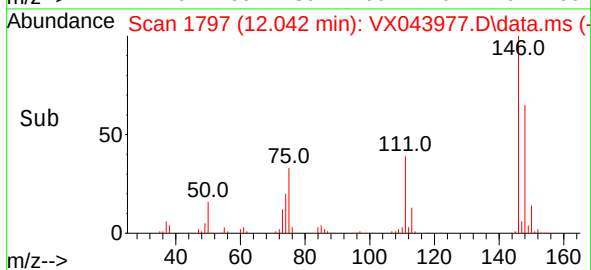
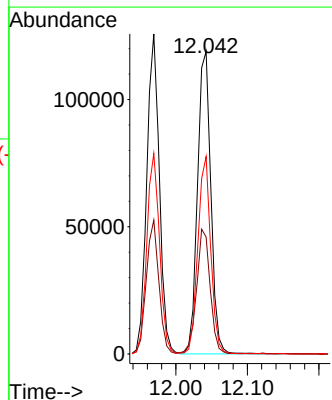
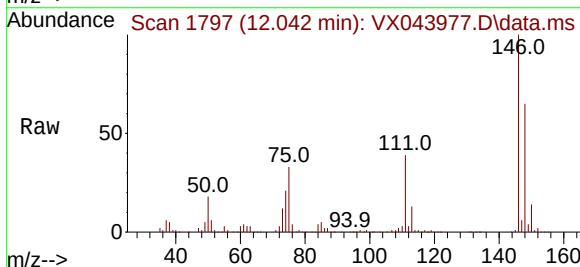
Tgt Ion:146 Resp: 153444

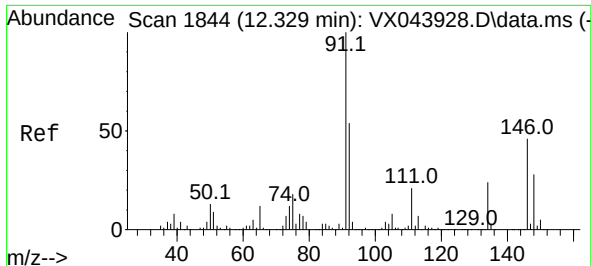
Ion Ratio Lower Upper

146 100

111 41.9 20.1 60.3

148 62.8 30.9 92.8





#89

n-Butylbenzene

Concen: 50.989 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

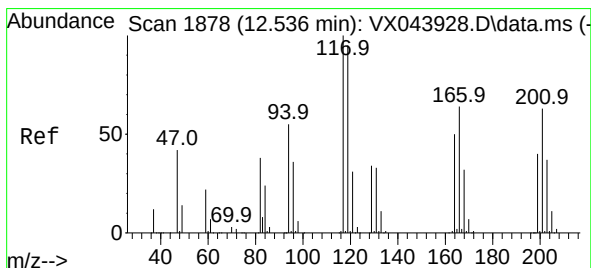
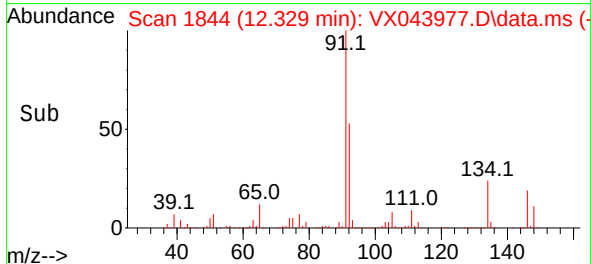
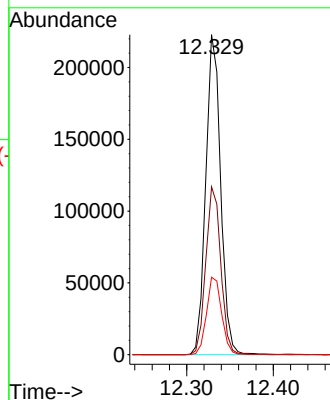
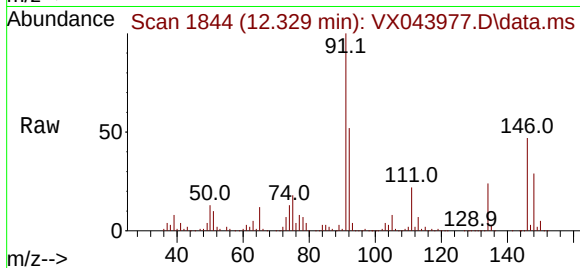
Tgt Ion: 91 Resp: 266108

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.8

134 24.6 12.4 37.2



#90

Hexachloroethane

Concen: 48.643 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.001 min

Lab File: VX043977.D

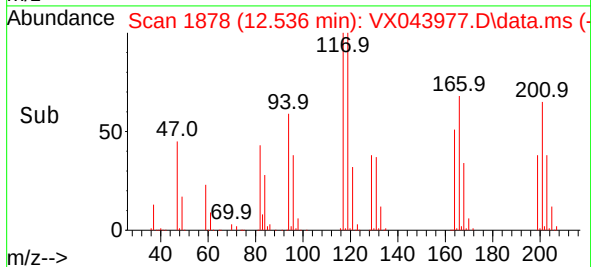
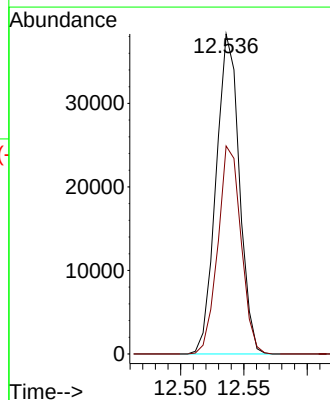
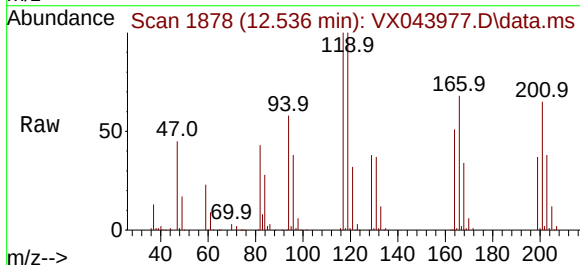
Acq: 25 Nov 2024 11:27

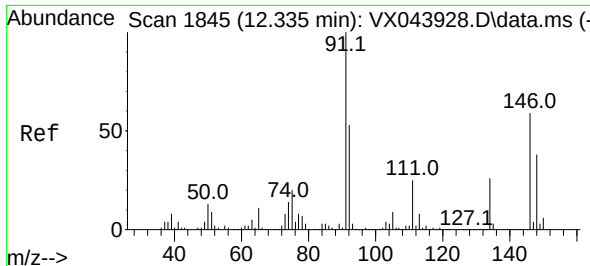
Tgt Ion: 117 Resp: 48961

Ion Ratio Lower Upper

117 100

201 64.7 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 48.588 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

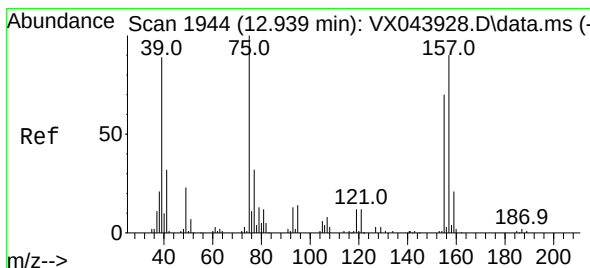
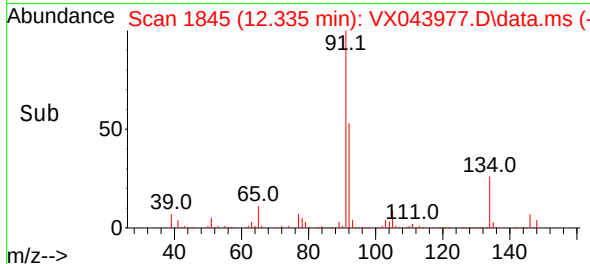
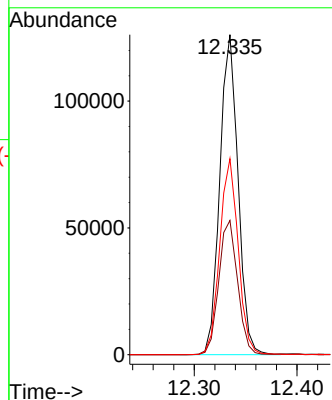
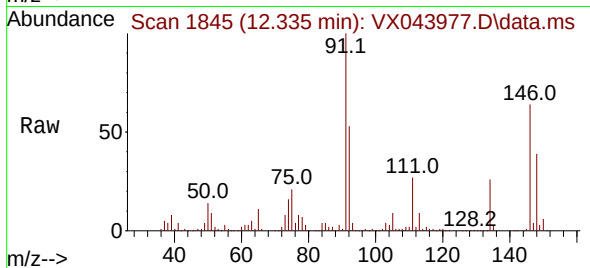
Tgt Ion:146 Resp: 155387

Ion Ratio Lower Upper

146 100

111 43.5 21.5 64.5

148 62.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.127 ug/l

RT: 12.938 min Scan# 1944

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

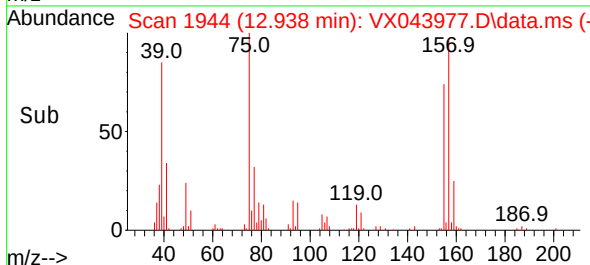
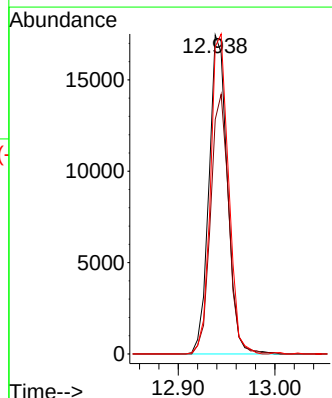
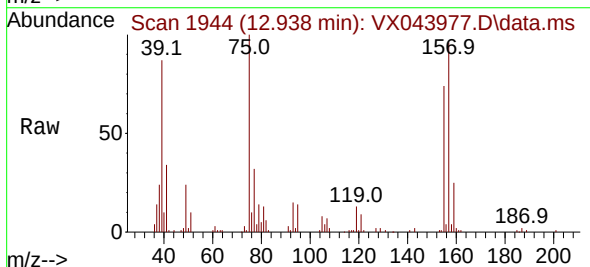
Tgt Ion: 75 Resp: 23083

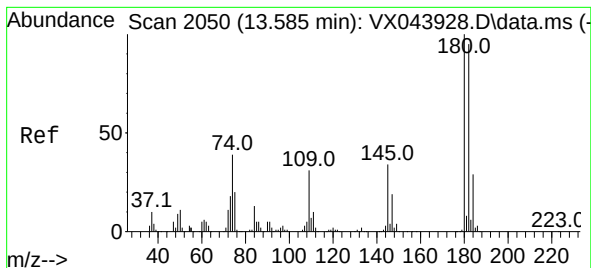
Ion Ratio Lower Upper

75 100

155 80.6 40.1 120.2

157 98.4 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 47.992 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

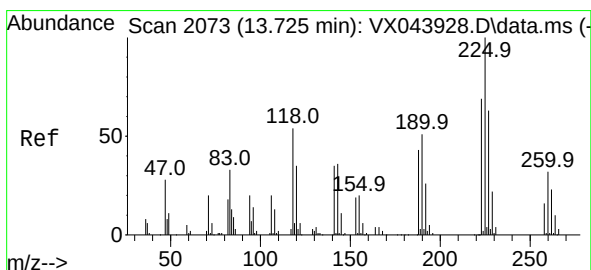
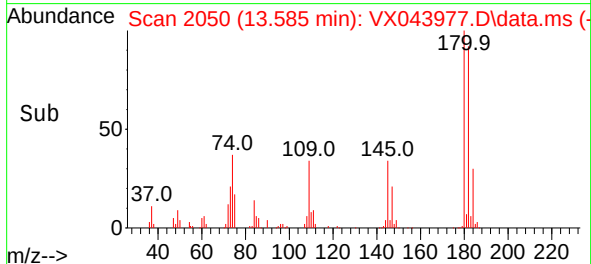
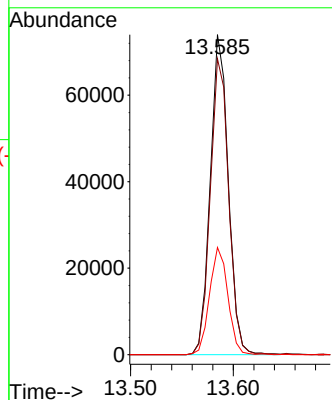
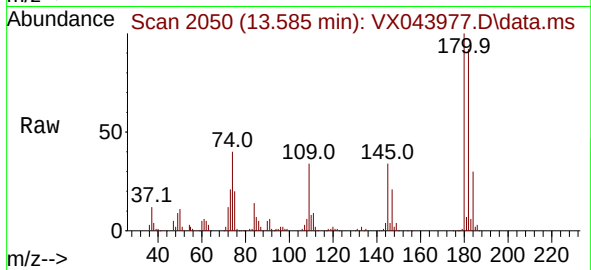
Tgt Ion:180 Resp: 90486

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.2

145 34.2 16.8 50.4



#94

Hexachlorobutadiene

Concen: 48.575 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

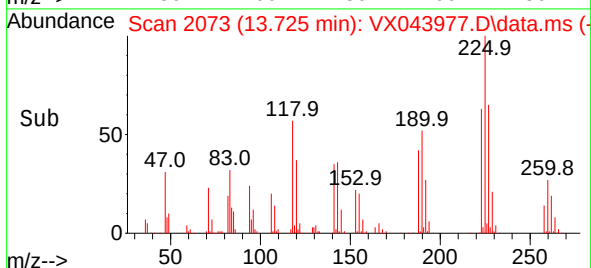
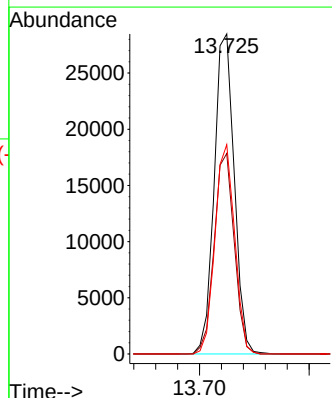
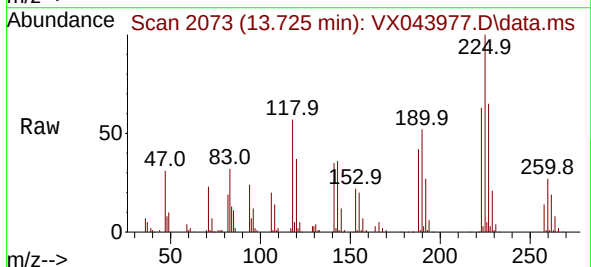
Tgt Ion:225 Resp: 36196

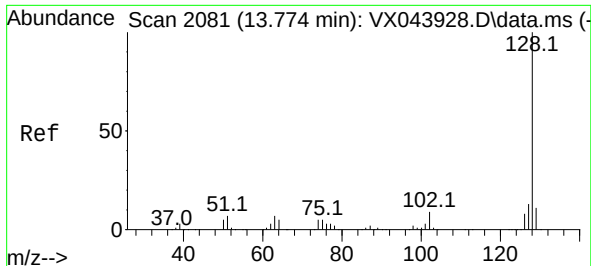
Ion Ratio Lower Upper

225 100

223 62.6 32.9 98.6

227 64.2 31.6 94.8





#95

Naphthalene

Concen: 49.325 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.001 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

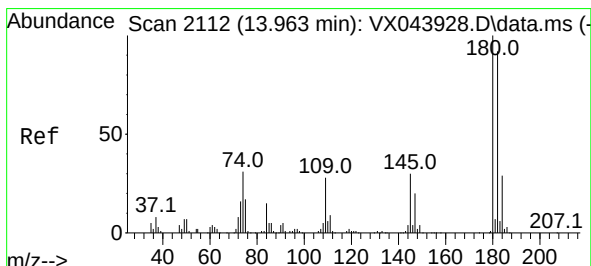
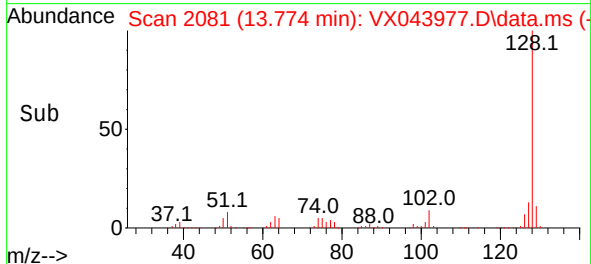
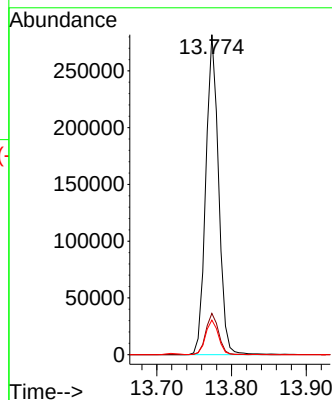
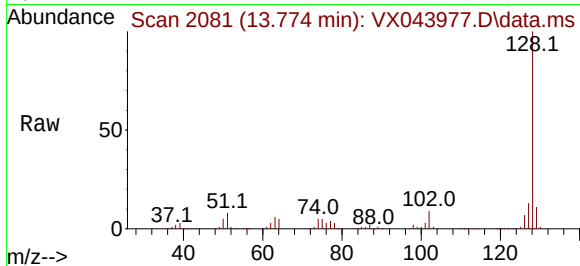
Tgt Ion:128 Resp: 334769

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.584 ug/l

RT: 13.956 min Scan# 2111

Delta R.T. -0.007 min

Lab File: VX043977.D

Acq: 25 Nov 2024 11:27

Tgt Ion:180 Resp: 92716

Ion Ratio Lower Upper

180 100

182 96.5 45.6 136.8

145 36.7 16.4 49.4

