

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043103.D
 Acq On : 23 Sep 2024 09:56
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 24 02:49:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93841	47.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	5.379	113	70090	49.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	237819	49.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	96039	49.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	61663	49.112	ug/l	100
3) Chloromethane	1.301	50	59962	46.777	ug/l	100
4) Vinyl Chloride	1.374	62	62530	48.023	ug/l	100
5) Bromomethane	1.605	94	43385	57.917	ug/l	100
6) Chloroethane	1.685	64	39788	47.726	ug/l	100
7) Trichlorofluoromethane	1.886	101	111737	48.345	ug/l	100
8) Diethyl Ether	2.136	74	37632	48.496	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	62572	47.966	ug/l	100
10) Methyl Iodide	2.453	142	77009	49.668	ug/l	100
11) Tert butyl alcohol	2.959	59	104694	239.769	ug/l	100
12) 1,1-Dichloroethene	2.319	96	59750	47.885	ug/l	100
13) Acrolein	2.240	56	9106	162.149	ug/l	100
14) Allyl chloride	2.666	41	107464	46.381	ug/l	100
15) Acrylonitrile	3.063	53	181569	239.720	ug/l	100
16) Acetone	2.380	43	232054	253.728	ug/l	100
17) Carbon Disulfide	2.514	76	144694	46.652	ug/l	100
18) Methyl Acetate	2.703	43	125759	51.088	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	228276	48.013	ug/l	100
20) Methylene Chloride	2.788	84	66793	45.904	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	60075	46.530	ug/l	100
22) Diisopropyl ether	3.764	45	204986	47.249	ug/l	100
23) Vinyl Acetate	3.721	43	1210428	237.176	ug/l	100
24) 1,1-Dichloroethane	3.611	63	120070	47.868	ug/l	100
25) 2-Butanone	4.550	43	287310	243.700	ug/l	100
26) 2,2-Dichloropropane	4.471	77	119272	46.980	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	76220	47.421	ug/l	100
28) Bromochloromethane	4.898	49	50897	46.096	ug/l	100
29) Tetrahydrofuran	5.001	42	166793	235.246	ug/l	100
30) Chloroform	5.093	83	130663	47.244	ug/l	100
31) Cyclohexane	5.471	56	91962	47.816	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	124223	47.416	ug/l	100
36) 1,1-Dichloropropene	5.690	75	82849	47.255	ug/l	100
37) Ethyl Acetate	4.715	43	100509	45.641	ug/l	100
38) Carbon Tetrachloride	5.678	117	106302	47.069	ug/l	100
39) Methylcyclohexane	7.379	83	104104	47.314	ug/l	100
40) Benzene	6.038	78	248502	48.035	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55768	50.939	ug/l	100
42) 1,2-Dichloroethane	6.086	62	105472	48.015	ug/l	100
43) Isopropyl Acetate	6.336	43	175804	47.796	ug/l	100
44) Trichloroethene	7.123	130	67925	47.987	ug/l	100
45) 1,2-Dichloropropane	7.428	63	62707	48.664	ug/l	100
46) Dibromomethane	7.580	93	51340	47.316	ug/l	100
47) Bromodichloromethane	7.818	83	109886	48.703	ug/l	100
48) Methyl methacrylate	7.690	41	84090	46.544	ug/l	100
49) 1,4-Dioxane	7.659	88	34220	1003.349	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	544248	240.855	ug/l	100
52) Toluene	8.714	92	162207	48.687	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	112888	48.740	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112919	48.818	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	66277	48.316	ug/l	100
56) Ethyl methacrylate	9.116	69	116103	48.640	ug/l	100
57) 1,3-Dichloropropane	9.305	76	110704	47.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	244288	253.107	ug/l	100
59) 2-Hexanone	9.427	43	439958	249.003	ug/l	100
60) Dibromochloromethane	9.519	129	86353	48.204	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71867	47.881	ug/l	100
64) Tetrachloroethene	9.269	164	62891	47.621	ug/l	100
65) Chlorobenzene	10.080	112	185385	47.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69331	47.803	ug/l	100
67) Ethyl Benzene	10.189	91	327155	48.099	ug/l	100
68) m/p-Xylenes	10.299	106	244673	96.662	ug/l	100
69) o-Xylene	10.640	106	119746	47.166	ug/l	100
70) Styrene	10.653	104	207709	49.047	ug/l	100
71) Bromoform	10.799	173	62441	48.950	ug/l #	100
73) Isopropylbenzene	10.964	105	321340	46.888	ug/l	100
74) N-amyl acetate	10.842	43	154458	47.967	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	103809	47.072	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	124294	63.974	ug/l	83
77) Bromobenzene	11.195	156	78130	47.488	ug/l	100
78) n-propylbenzene	11.305	91	369241	47.488	ug/l	100
79) 2-Chlorotoluene	11.360	91	226327	46.407	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	269488	47.526	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38491	47.202	ug/l	100
82) 4-Chlorotoluene	11.451	91	265245	47.583	ug/l	100
83) tert-Butylbenzene	11.713	119	271271	46.427	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	270066	47.873	ug/l	100
85) sec-Butylbenzene	11.890	105	338165	47.090	ug/l	100
86) p-Isopropyltoluene	12.006	119	284049	47.643	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	142321	47.442	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	140649	46.755	ug/l	100
89) n-Butylbenzene	12.329	91	254607	49.001	ug/l	100
90) Hexachloroethane	12.536	117	57839	48.679	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	138432	46.857	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27996	46.954	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	87290	47.657	ug/l	100
94) Hexachlorobutadiene	13.719	225	36338	47.219	ug/l	100
95) Naphthalene	13.774	128	303177	47.621	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	86731	47.659	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Sep 24 02:22:33 2024
Response via : Initial Calibration

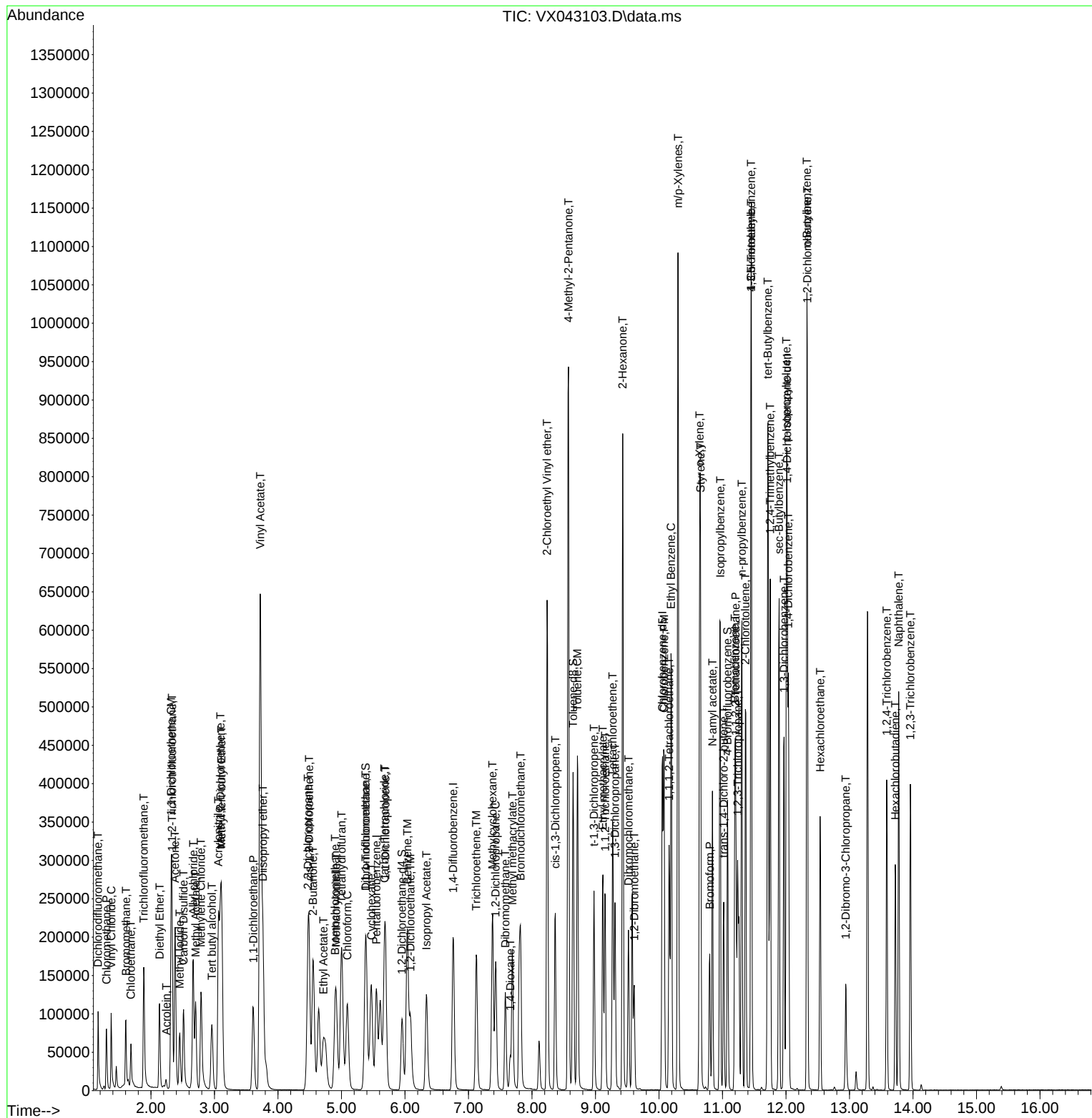
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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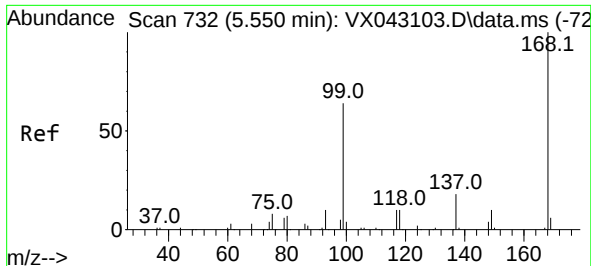
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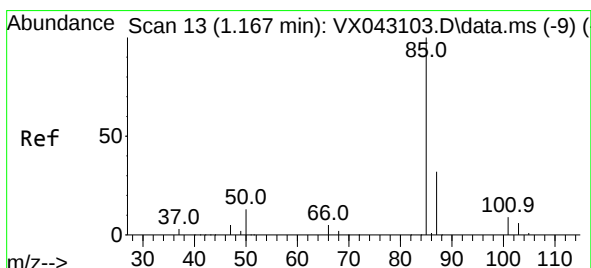
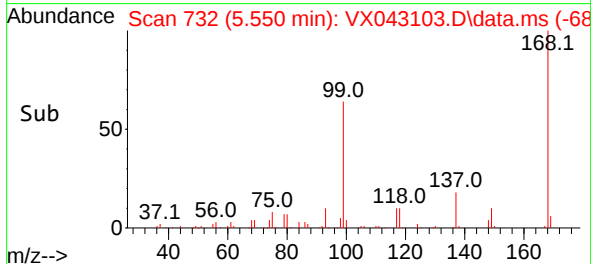
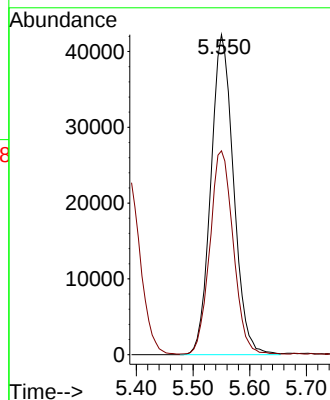
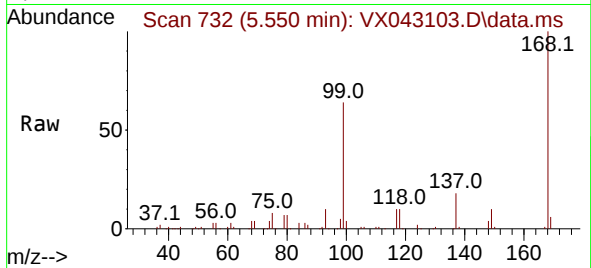




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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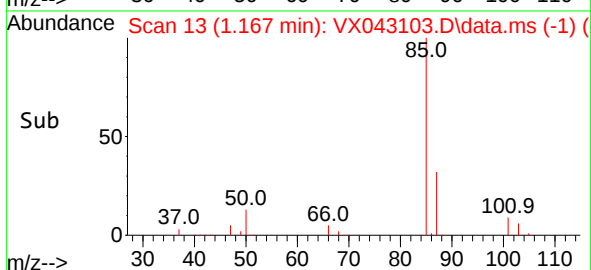
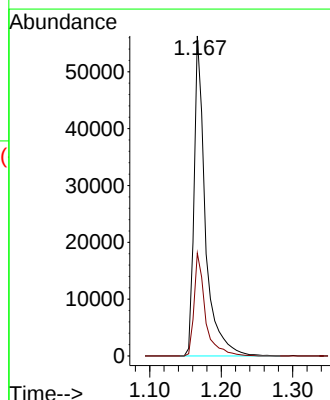
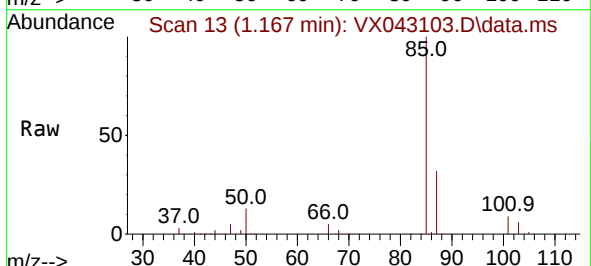
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

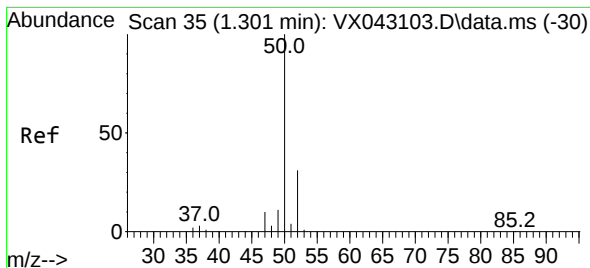
Tgt Ion:168 Resp: 117735
Ion Ratio Lower Upper
168 100
99 63.5 50.8 76.2



#2
Dichlorodifluoromethane
Concen: 49.112 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 85 Resp: 61663
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3

Chloromethane

Concen: 46.777 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

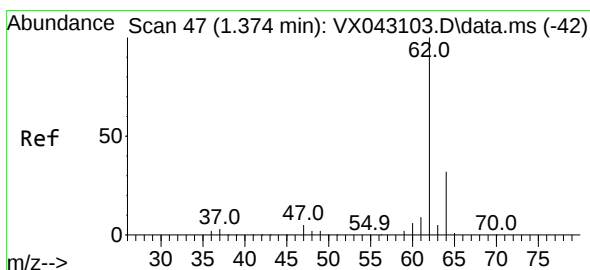
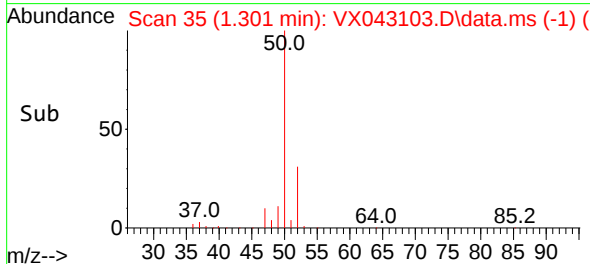
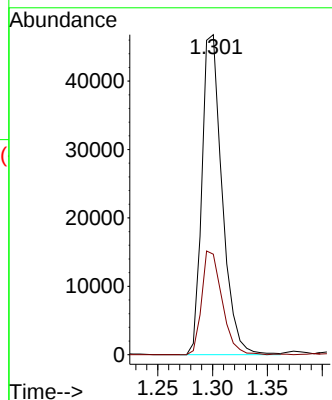
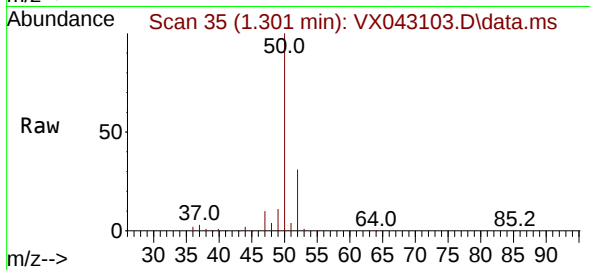
VSTDICCC050

Tgt Ion: 50 Resp: 59962

Ion Ratio Lower Upper

50 100

52 31.4 25.1 37.7



#4

Vinyl Chloride

Concen: 48.023 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX043103.D

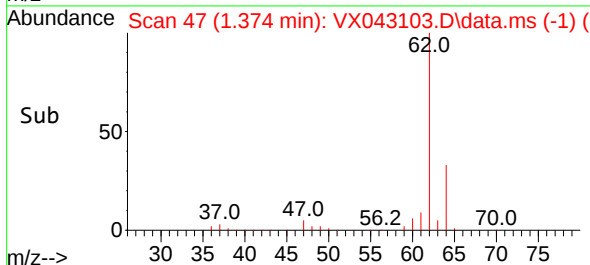
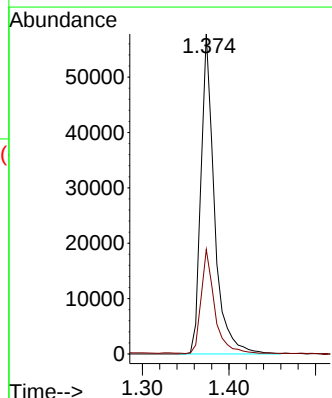
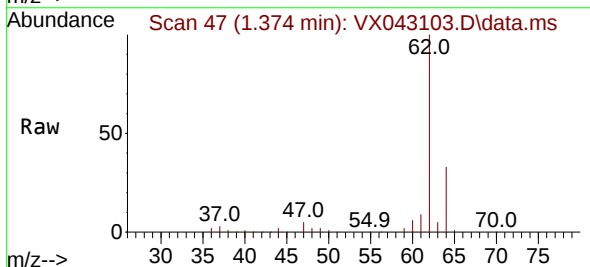
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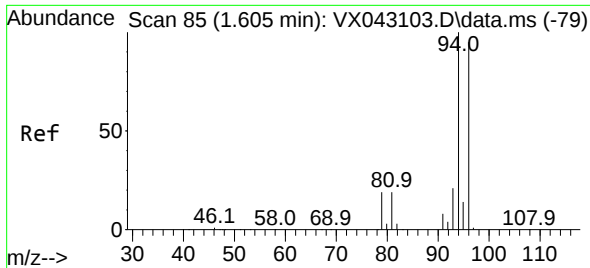
Tgt Ion: 62 Resp: 62530

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0

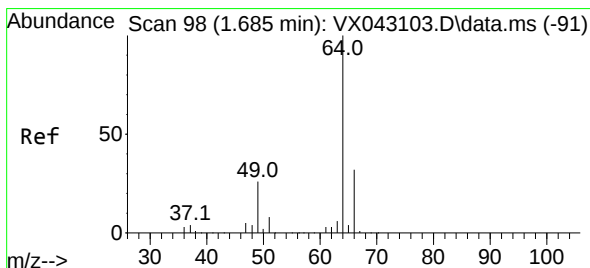
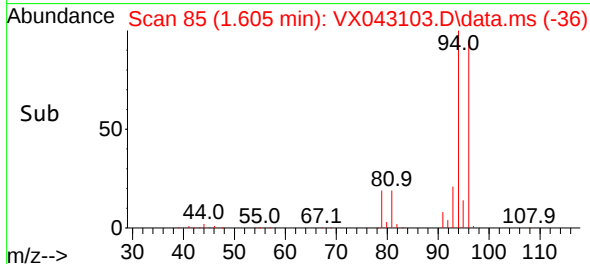
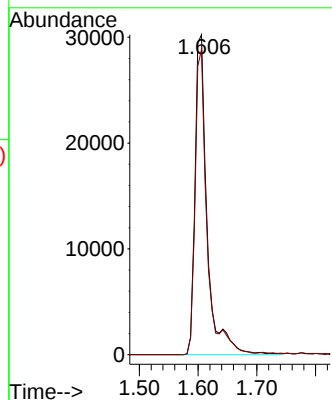
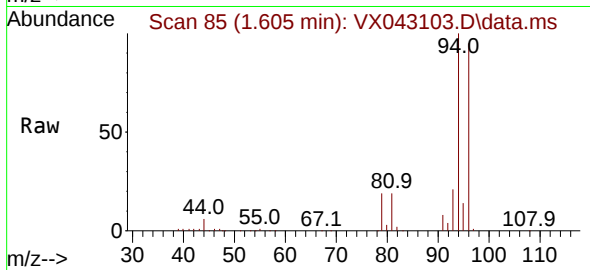




#5
Bromomethane
Concen: 57.917 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX043103.D
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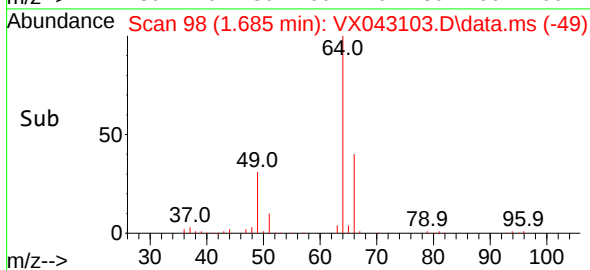
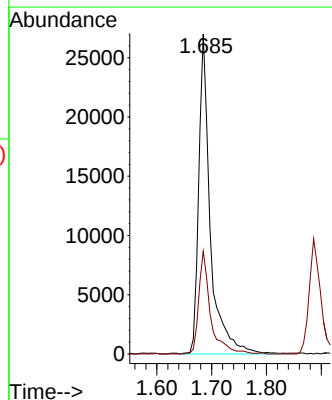
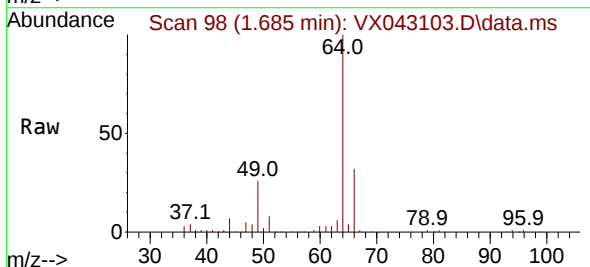
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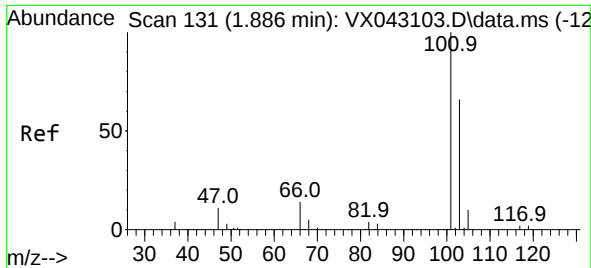
Tgt Ion: 94 Resp: 43385
Ion Ratio Lower Upper
94 100
96 95.3 76.2 114.4



#6
Chloroethane
Concen: 47.726 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 64 Resp: 39788
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

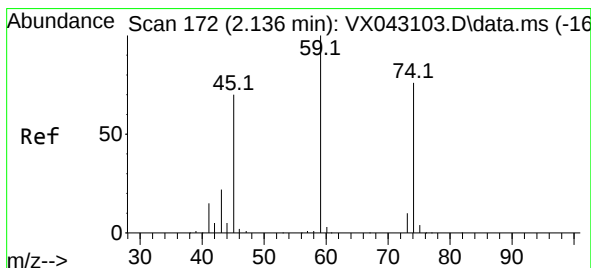
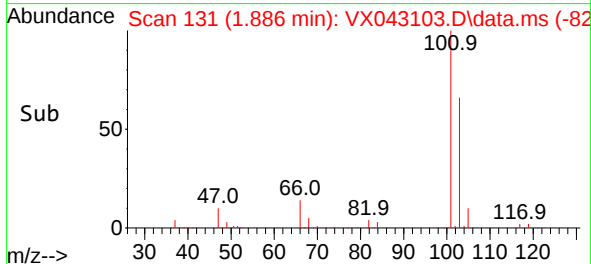
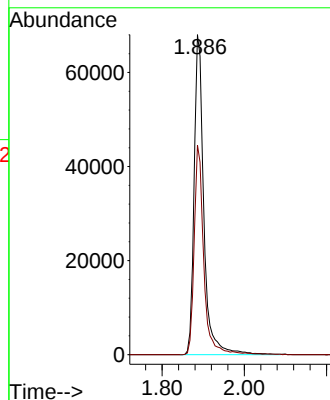
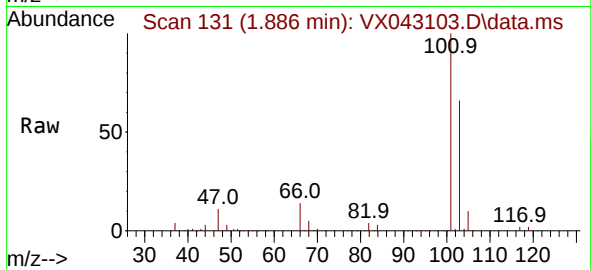




#7
Trichlorofluoromethane
Concen: 48.345 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

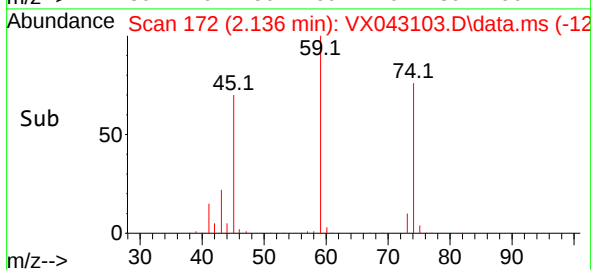
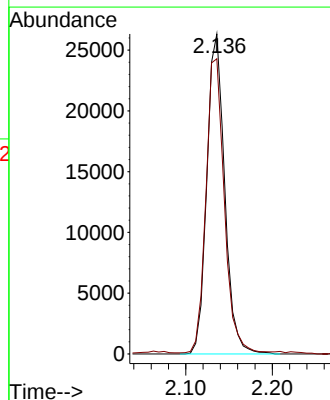
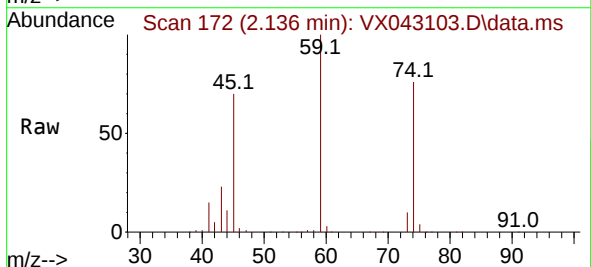
Instrument :
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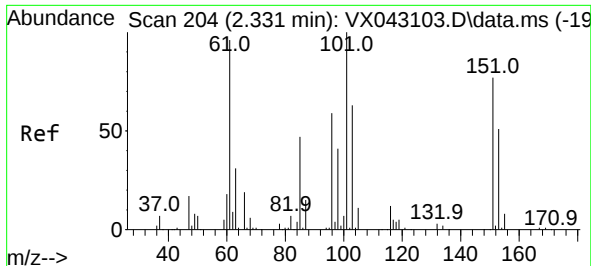
Tgt Ion:101 Resp: 111737
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6



#8
Diethyl Ether
Concen: 48.496 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 74 Resp: 37632
Ion Ratio Lower Upper
74 100
45 97.2 48.6 145.8

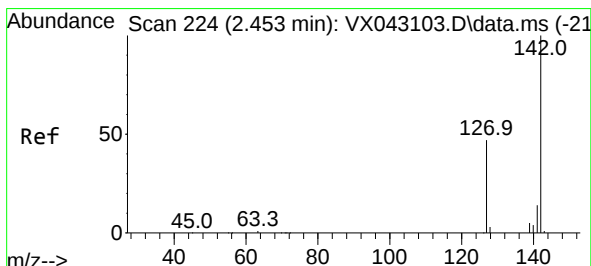
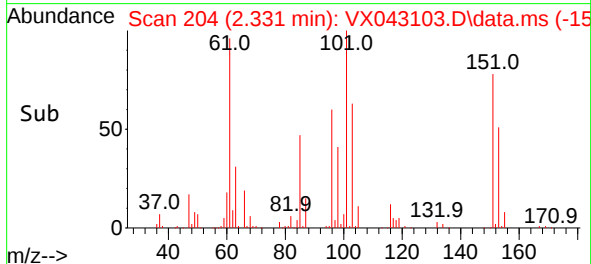
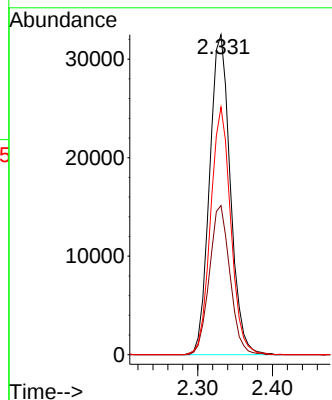
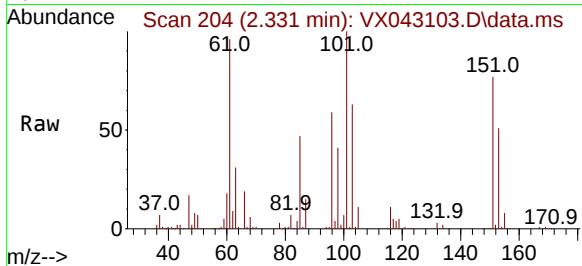




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.966 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

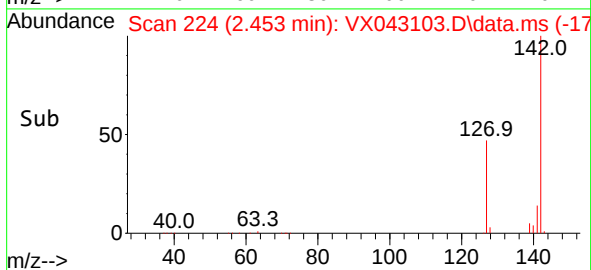
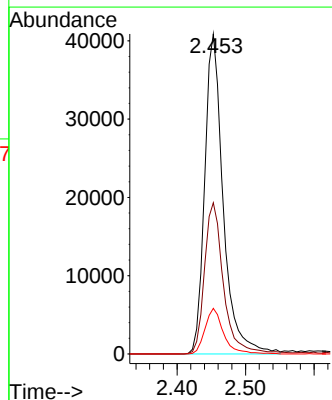
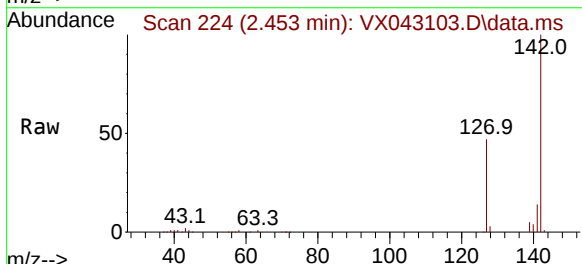
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

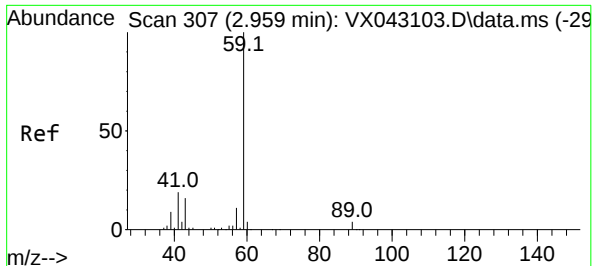
Tgt Ion:101 Resp: 62572
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.4
151 75.3 60.2 90.4



#10
Methyl Iodide
Concen: 49.668 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:142 Resp: 77009
Ion Ratio Lower Upper
142 100
127 48.6 38.9 58.3
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 239.769 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

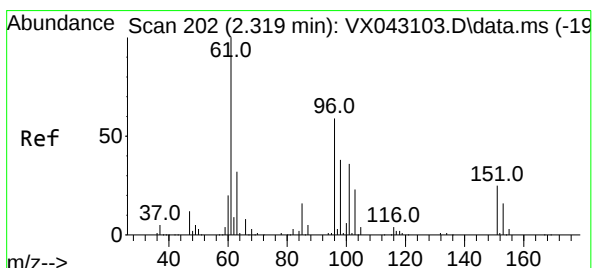
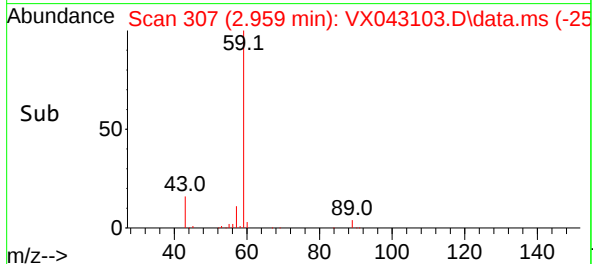
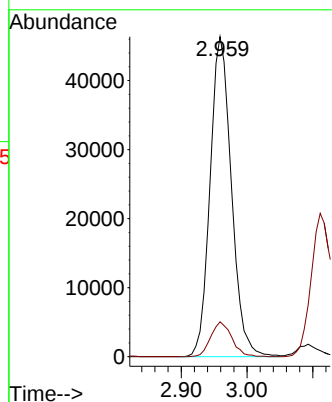
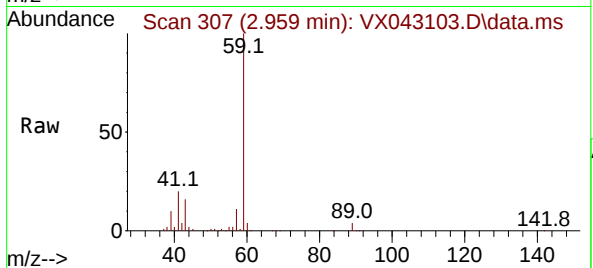
VSTDICCC050

Tgt Ion: 59 Resp: 104694

Ion Ratio Lower Upper

59 100

57 10.8 8.6 13.0



#12

1,1-Dichloroethene

Concen: 47.885 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

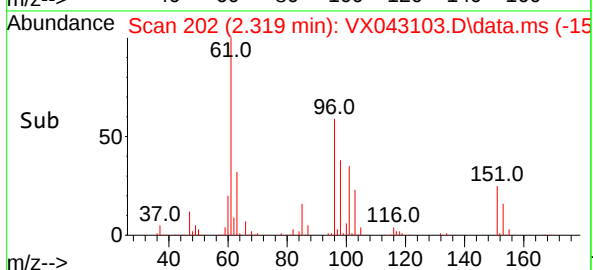
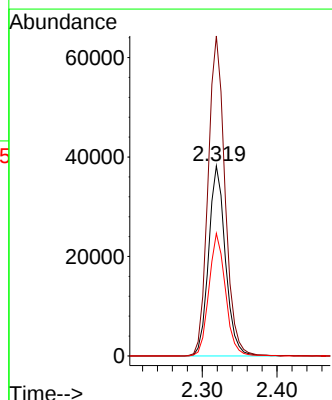
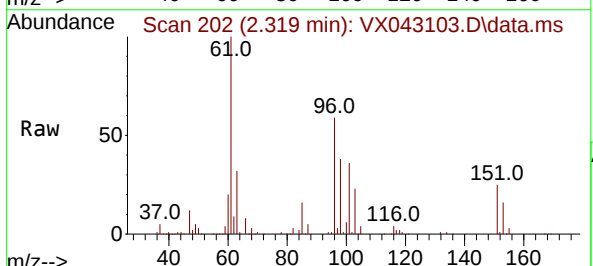
Tgt Ion: 96 Resp: 59750

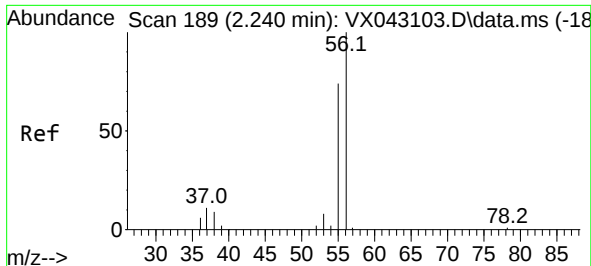
Ion Ratio Lower Upper

96 100

61 168.4 134.7 202.1

98 64.5 51.6 77.4





#13

Acrolein

Concen: 162.149 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

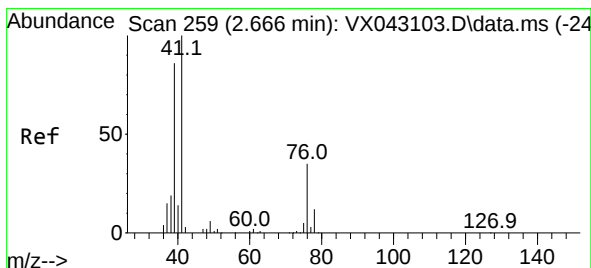
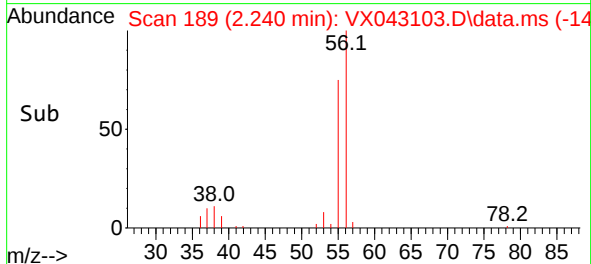
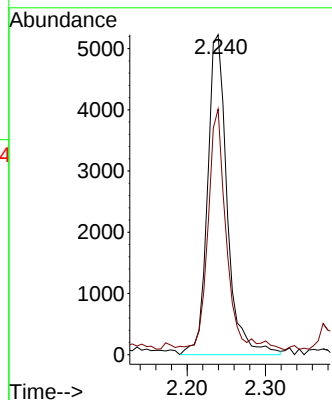
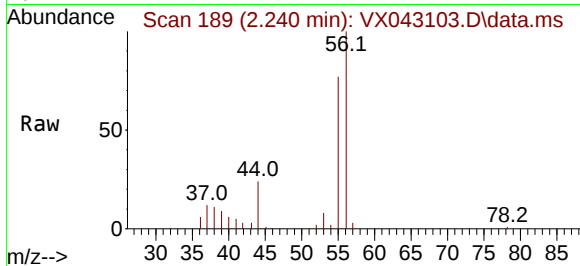
VSTDICCC050

Tgt Ion: 56 Resp: 9106

Ion Ratio Lower Upper

56 100

55 69.7 55.8 83.6



#14

Allyl chloride

Concen: 46.381 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

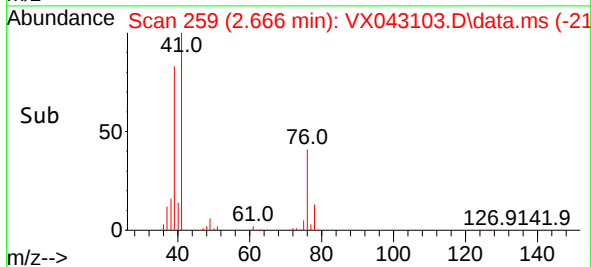
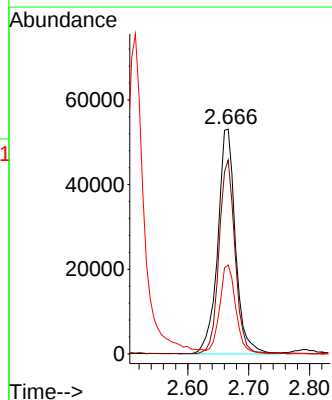
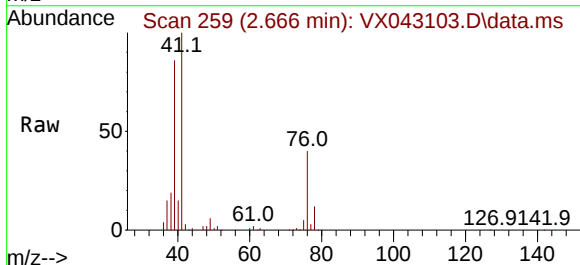
Tgt Ion: 41 Resp: 107464

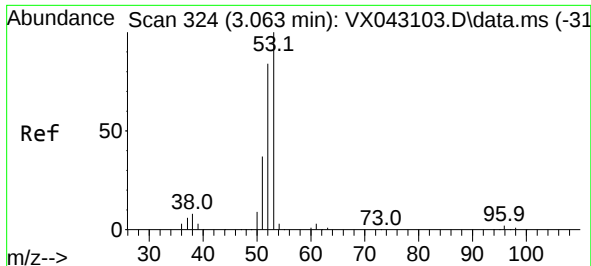
Ion Ratio Lower Upper

41 100

39 77.1 61.7 92.5

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 239.720 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

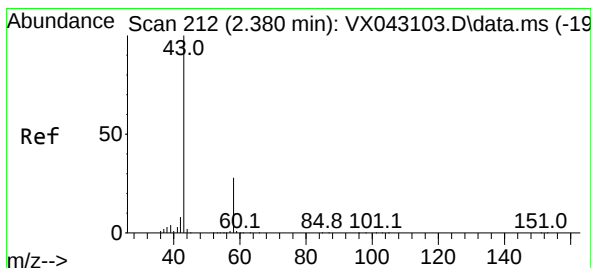
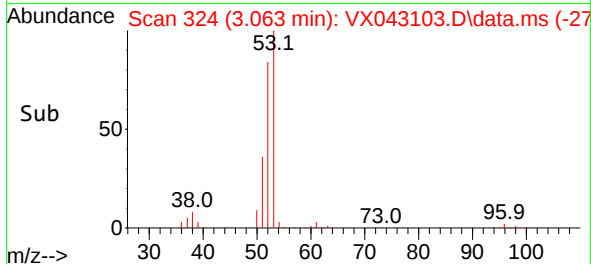
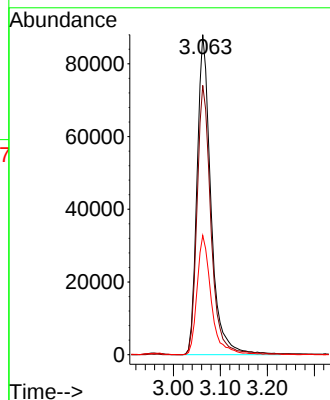
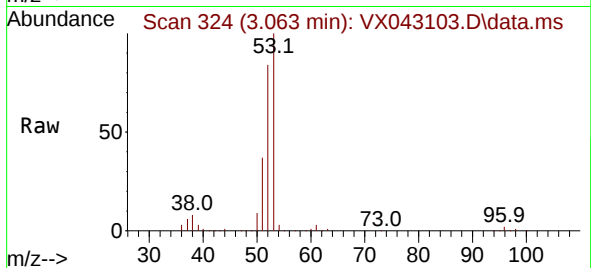
Tgt Ion: 53 Resp: 181569

Ion Ratio Lower Upper

53 100

52 84.7 67.8 101.6

51 38.2 30.6 45.8



#16

Acetone

Concen: 253.728 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX043103.D

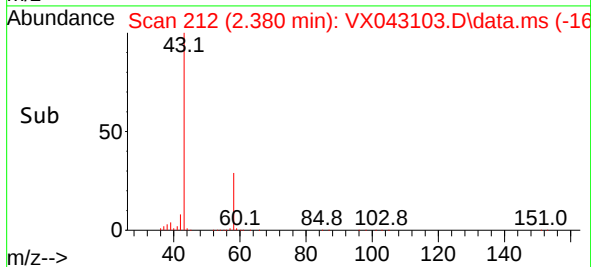
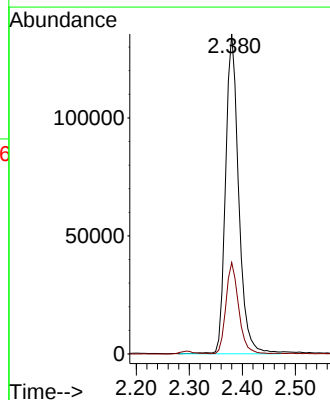
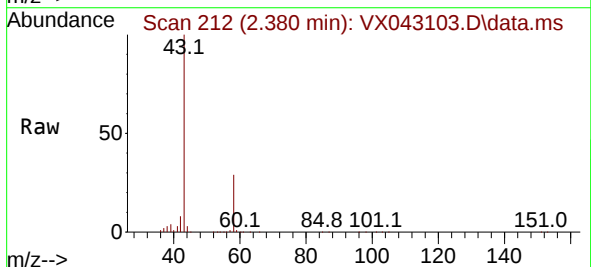
Acq: 23 Sep 2024 09:56

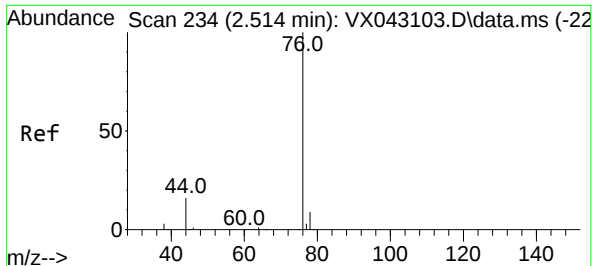
Tgt Ion: 43 Resp: 232054

Ion Ratio Lower Upper

43 100

58 28.3 22.6 34.0





#17

Carbon Disulfide

Concen: 46.652 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

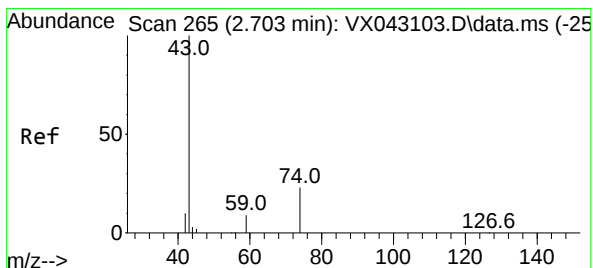
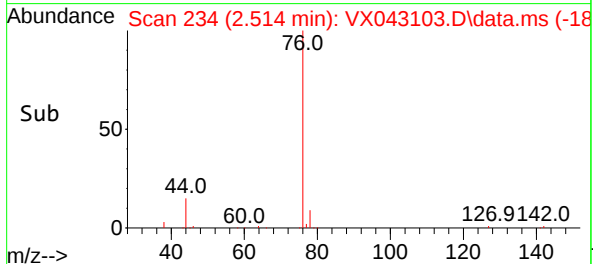
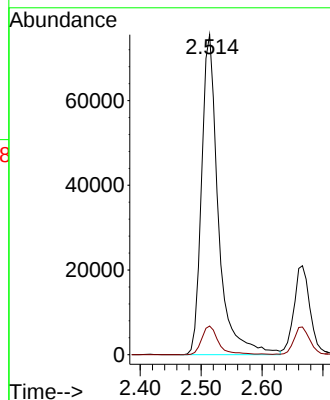
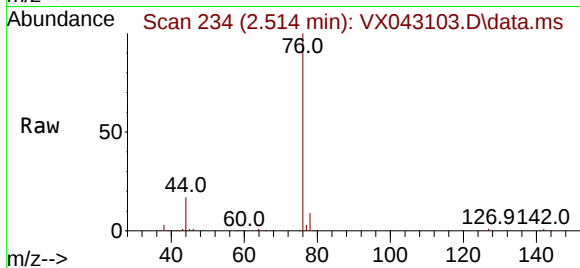
VSTDICCC050

Tgt Ion: 76 Resp: 144694

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 51.088 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX043103.D

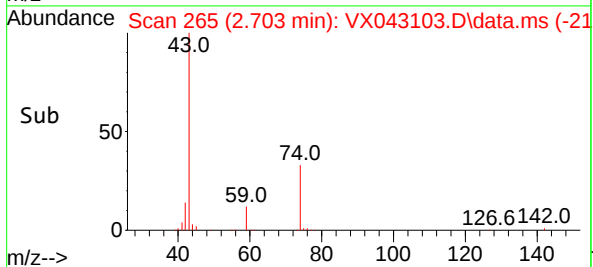
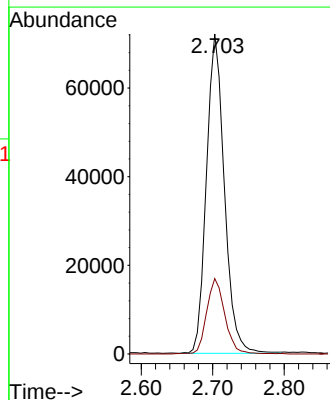
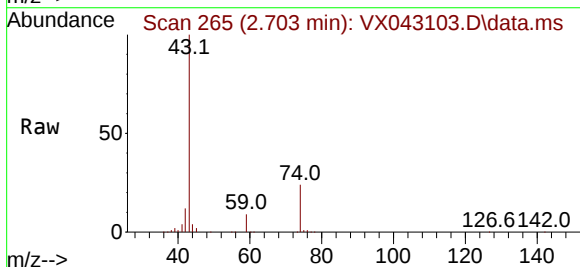
Acq: 23 Sep 2024 09:56

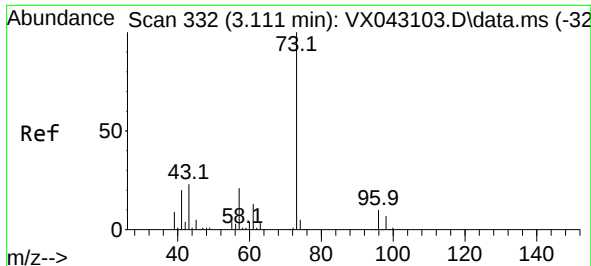
Tgt Ion: 43 Resp: 125759

Ion Ratio Lower Upper

43 100

74 24.0 19.2 28.8

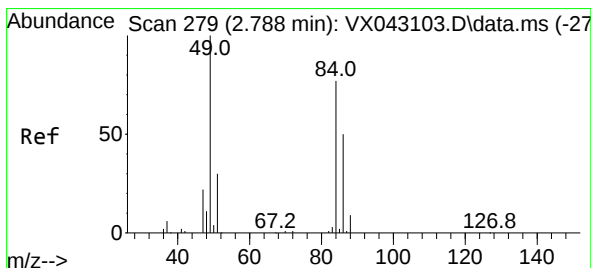
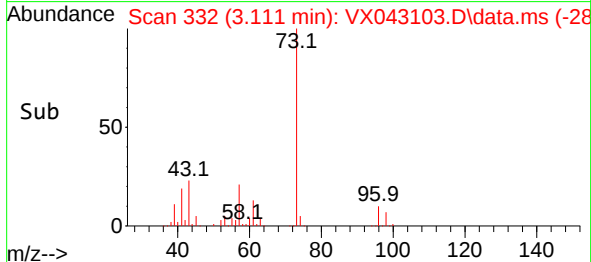
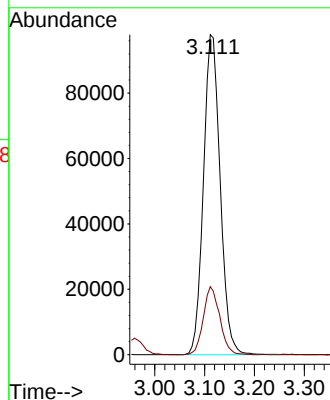
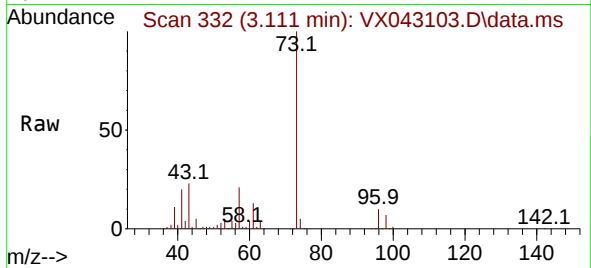




#19
Methyl tert-butyl Ether
Concen: 48.013 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

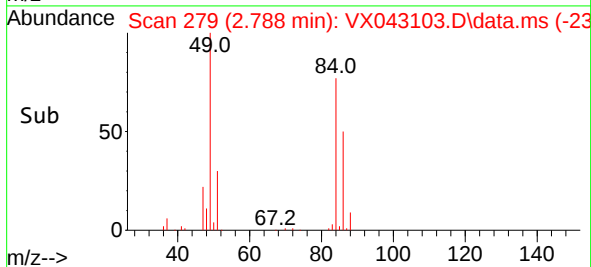
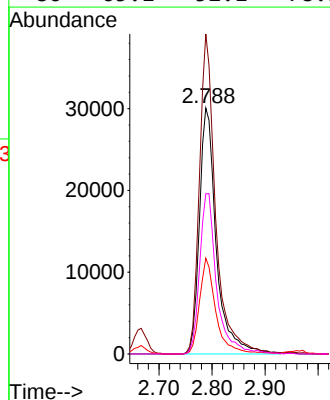
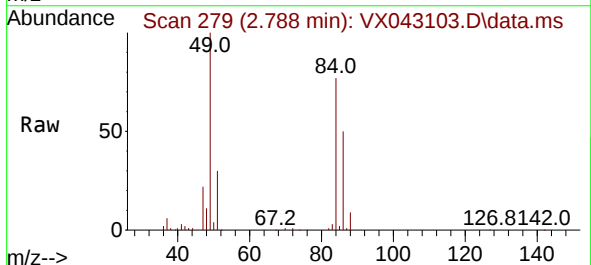
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

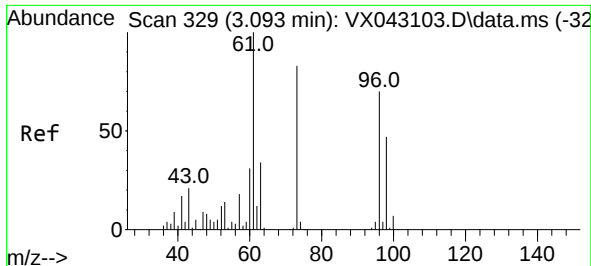
Tgt Ion: 73 Resp: 228276
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 45.904 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 84 Resp: 66793
Ion Ratio Lower Upper
84 100
49 130.1 104.1 156.1
51 38.9 31.1 46.7
86 65.1 52.1 78.1

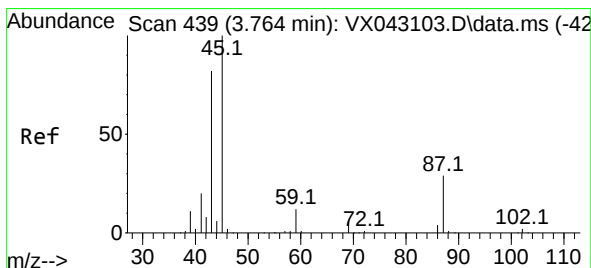
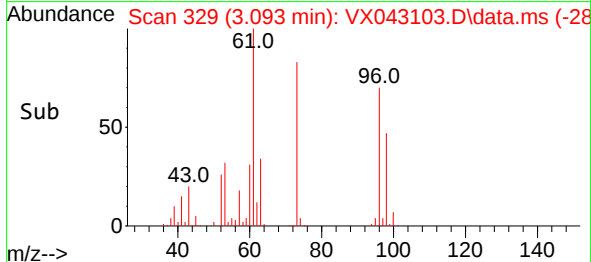
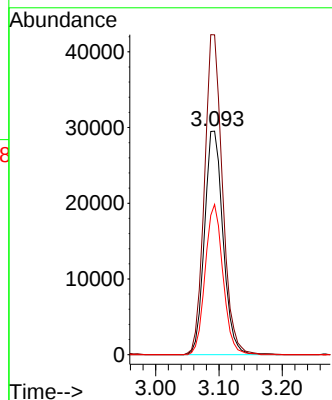
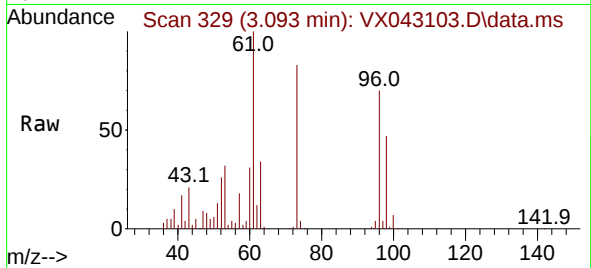




#21
trans-1,2-Dichloroethene
Concen: 46.530 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

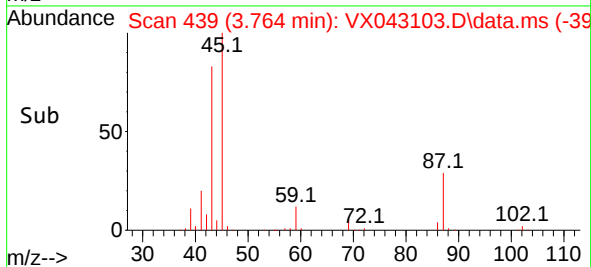
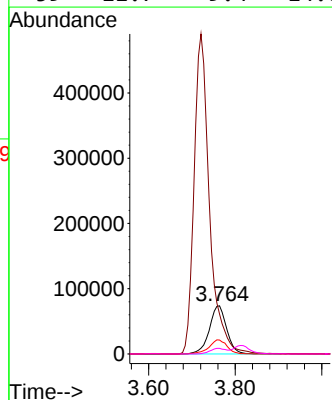
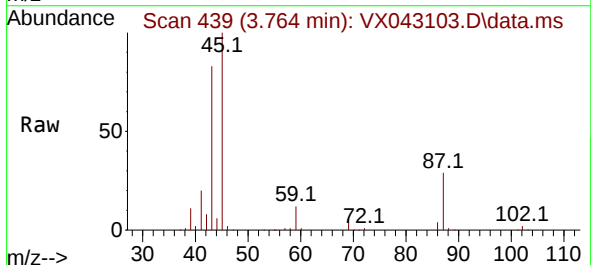
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

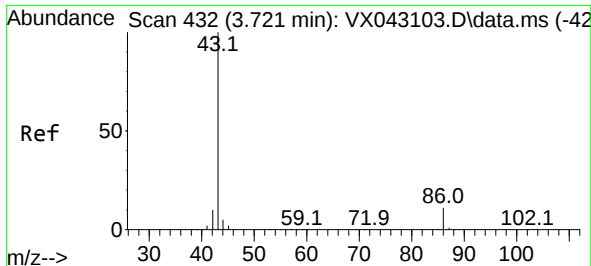
Tgt Ion: 96 Resp: 60075
Ion Ratio Lower Upper
96 100
61 143.1 114.5 171.7
98 67.2 53.8 80.6



#22
Diisopropyl ether
Concen: 47.249 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 45 Resp: 204986
Ion Ratio Lower Upper
45 100
43 82.2 65.8 98.6
87 28.9 23.1 34.7
59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 237.176 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

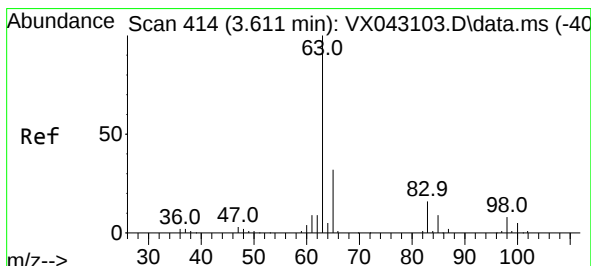
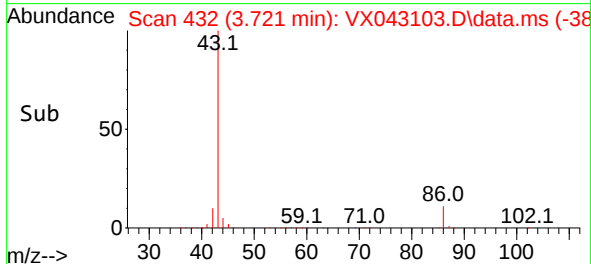
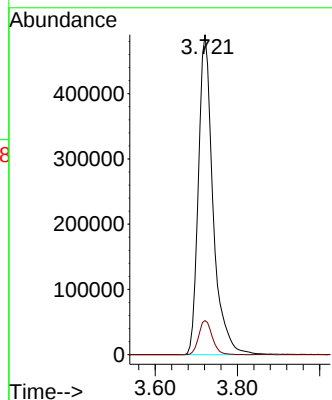
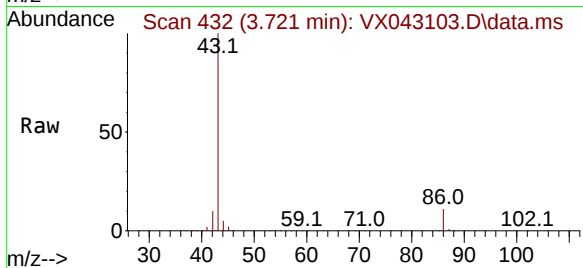
VSTDICCC050

Tgt Ion: 43 Resp: 1210428

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 47.868 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

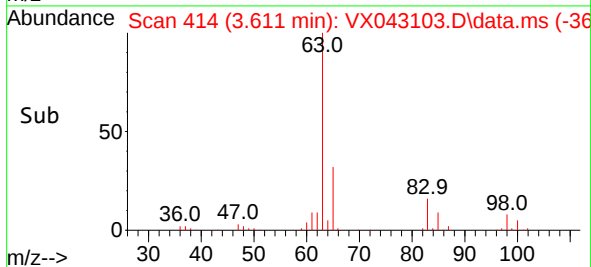
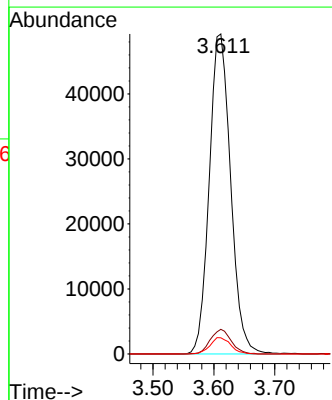
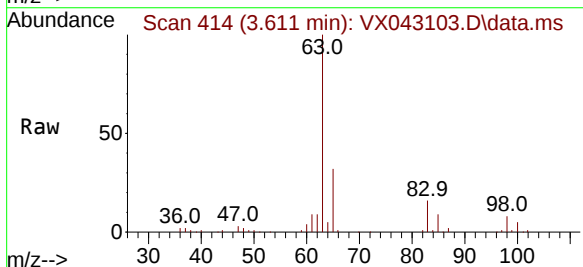
Tgt Ion: 63 Resp: 120070

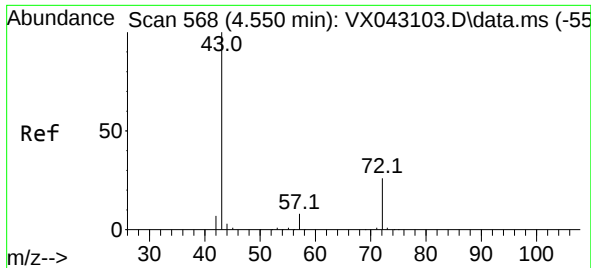
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 5.1 2.5 7.6

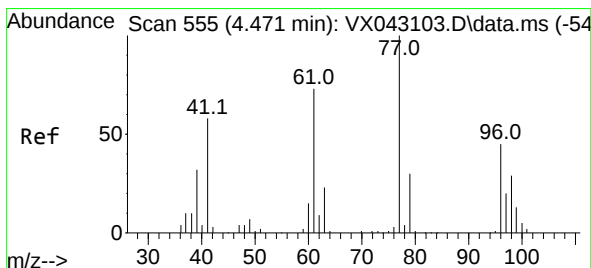
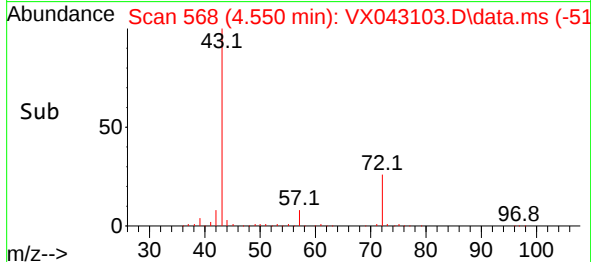
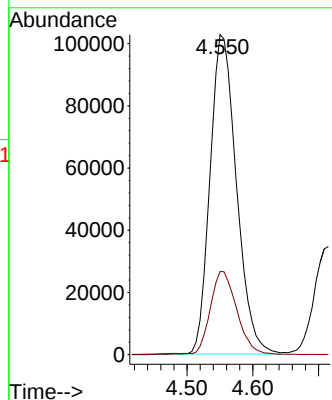
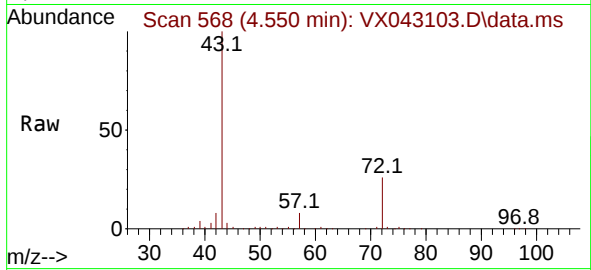




#25
2-Butanone
Concen: 243.700 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

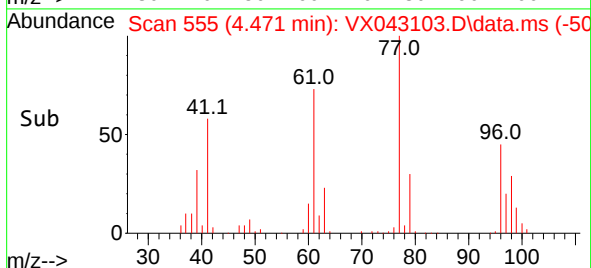
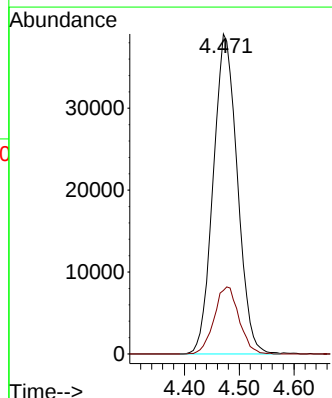
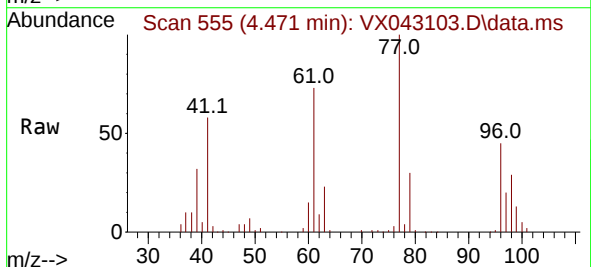
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

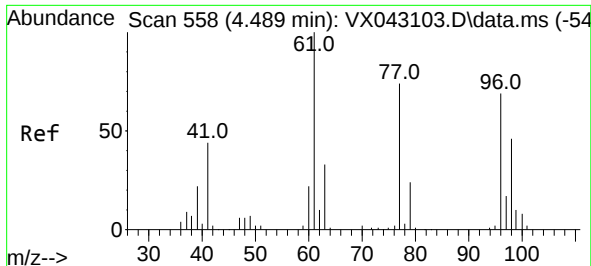
Tgt Ion: 43 Resp: 287310
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1



#26
2,2-Dichloropropane
Concen: 46.980 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 77 Resp: 119272
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3

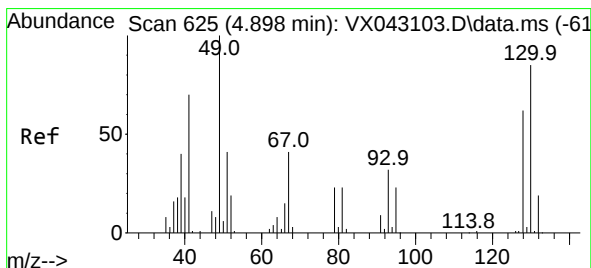
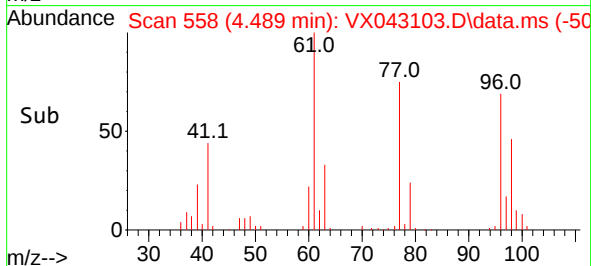
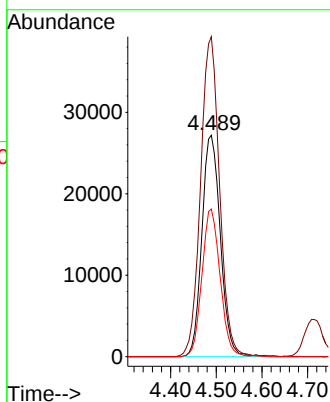
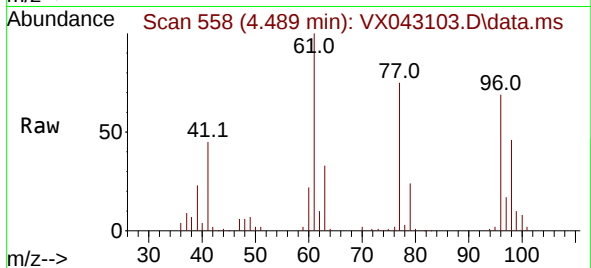




#27
 cis-1,2-Dichloroethene
 Concen: 47.421 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

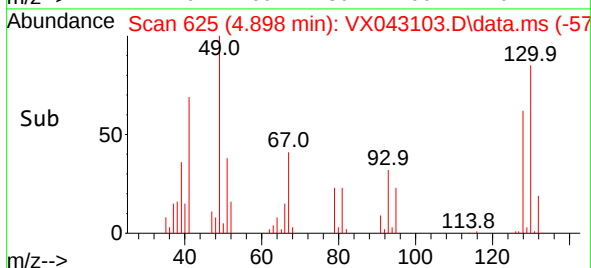
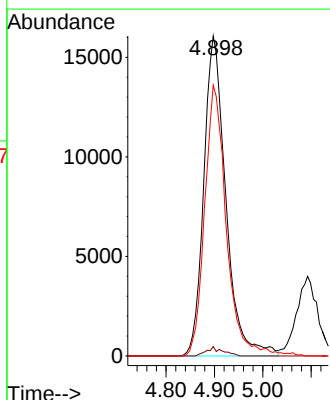
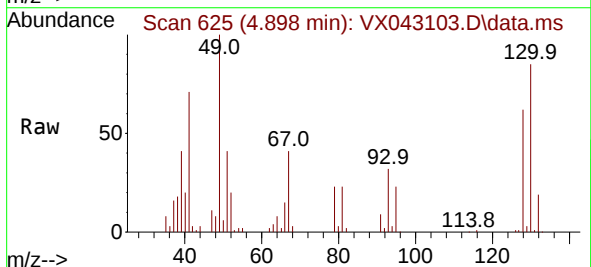
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

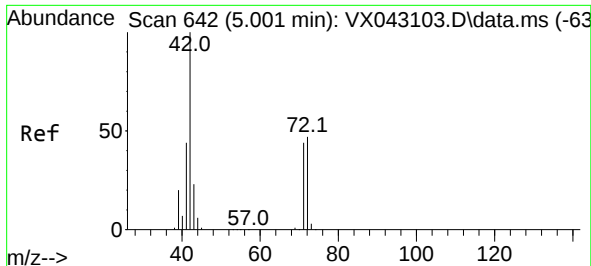
Tgt Ion: 96	Resp: 76220		
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	297.8
98	65.6	0.0	131.2



#28
 Bromochloromethane
 Concen: 46.096 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Tgt Ion: 49	Resp: 50897
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 4.2
130 83.3	66.6 100.0





#29

Tetrahydrofuran

Concen: 235.246 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

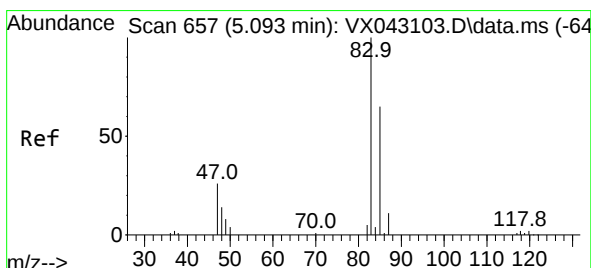
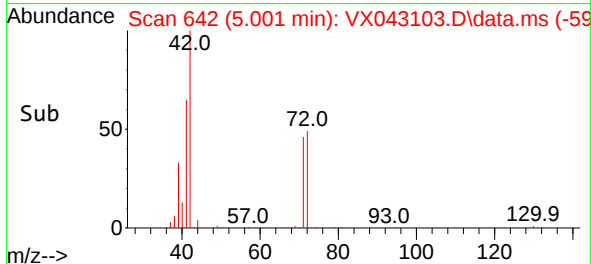
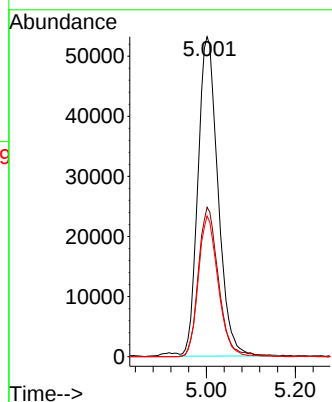
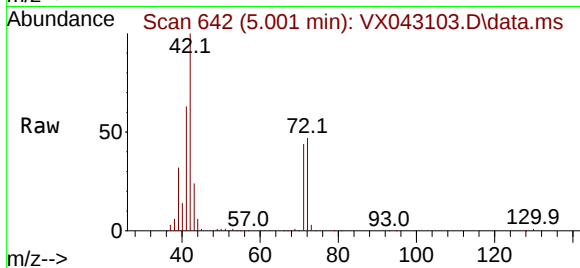
Tgt Ion: 42 Resp: 166793

Ion Ratio Lower Upper

42 100

72 47.0 37.6 56.4

71 43.6 34.8 52.2



#30

Chloroform

Concen: 47.244 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX043103.D

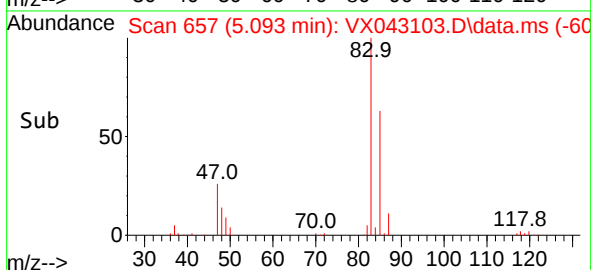
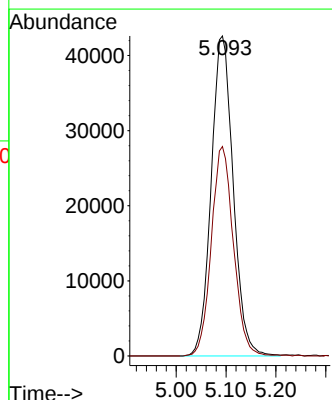
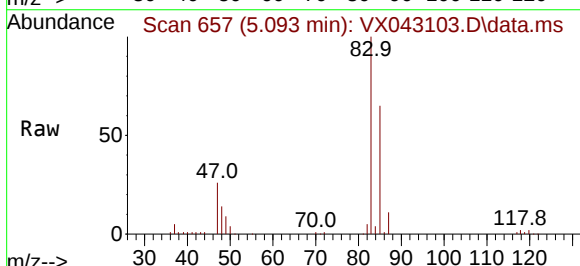
Acq: 23 Sep 2024 09:56

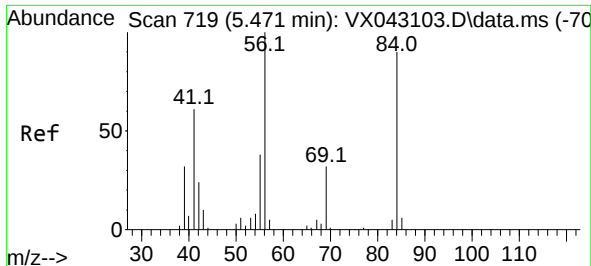
Tgt Ion: 83 Resp: 130663

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6

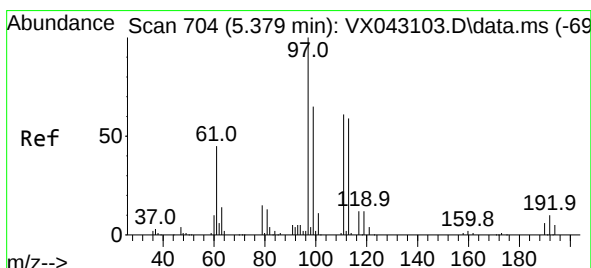
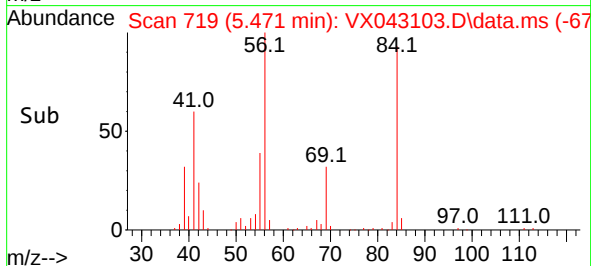
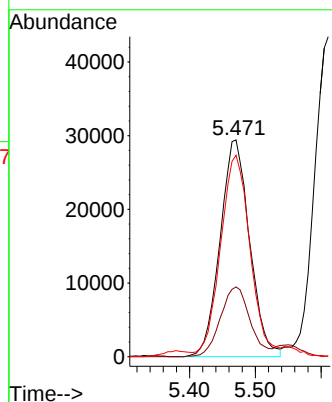
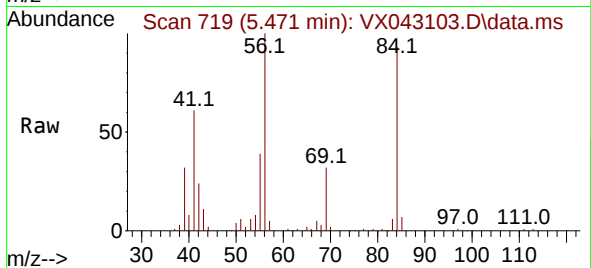




#31
Cyclohexane
Concen: 47.816 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

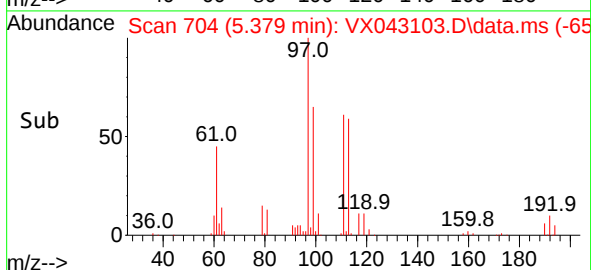
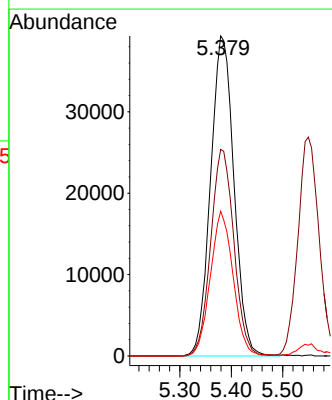
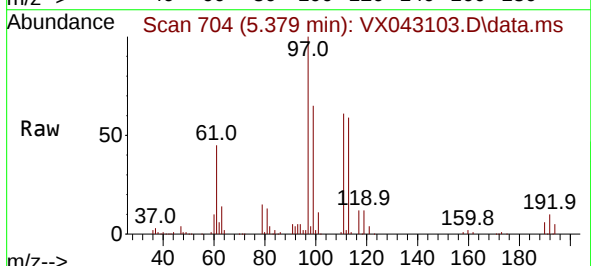
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

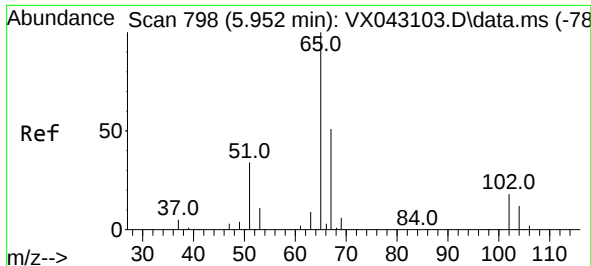
Tgt Ion:	56	Resp:	91962
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.8	38.6
84	90.5	72.4	108.6



#32
1,1,1-Trichloroethane
Concen: 47.416 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:	97	Resp:	124223
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	43.9	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 47.985 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

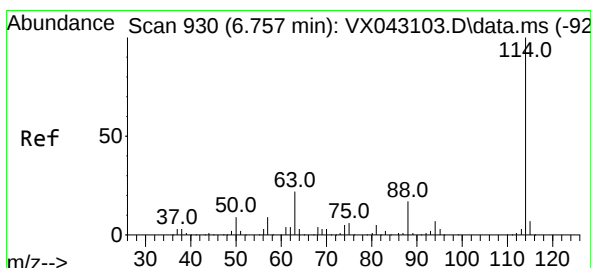
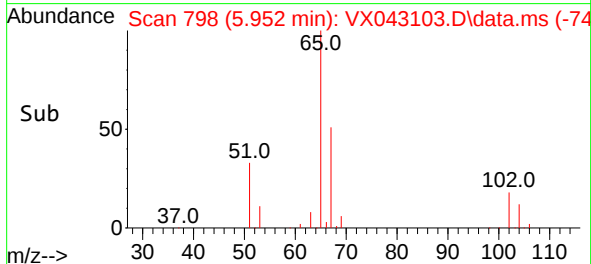
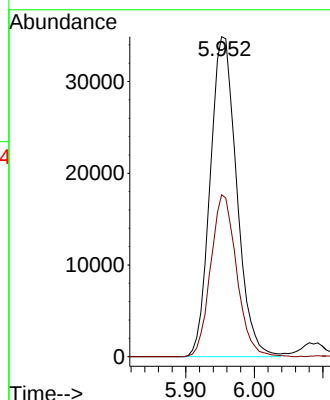
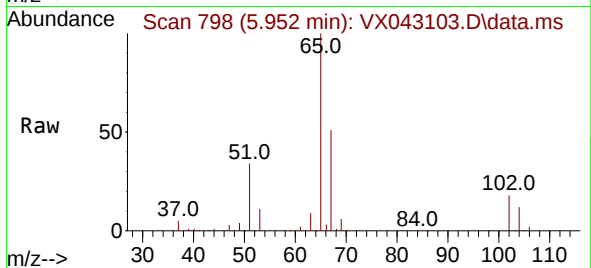
VSTDICCC050

Tgt Ion: 65 Resp: 93841

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

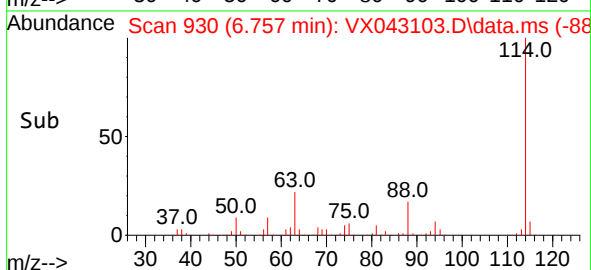
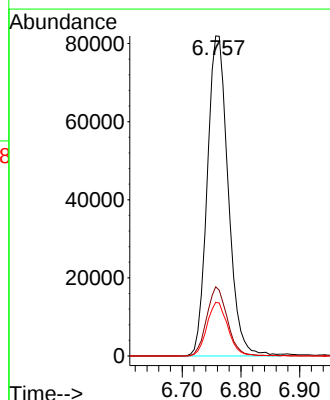
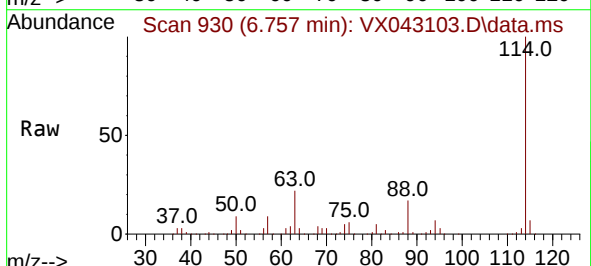
Tgt Ion: 114 Resp: 202260

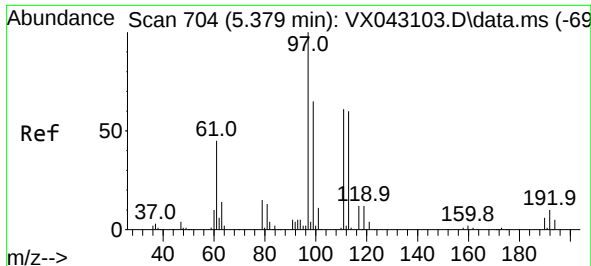
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.7 0.0 33.4

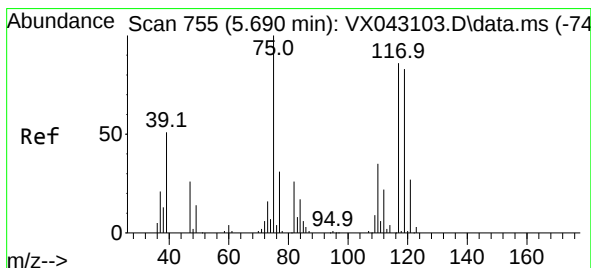
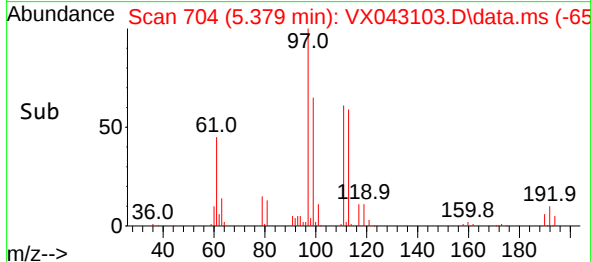
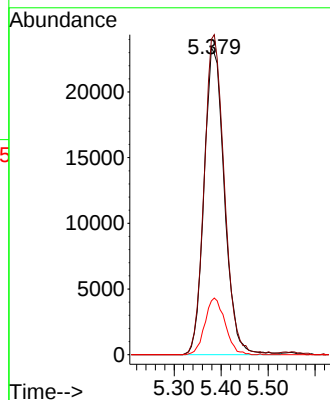
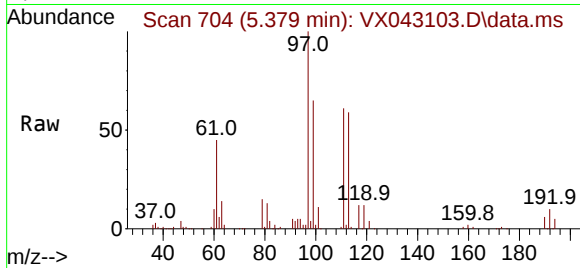




#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

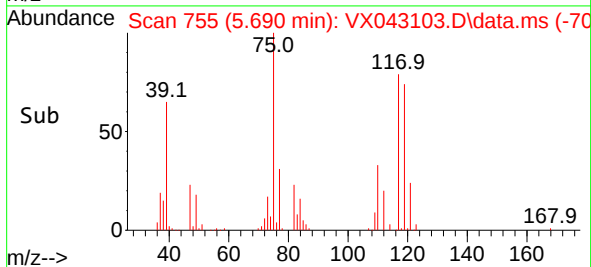
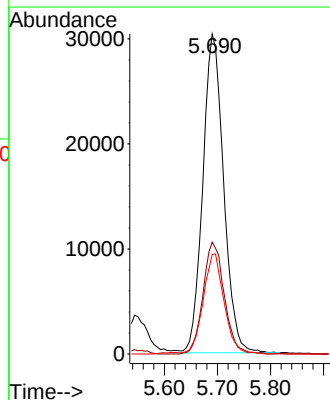
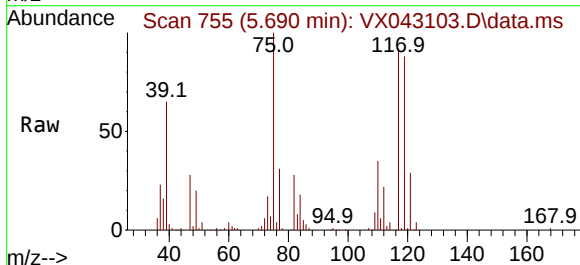
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

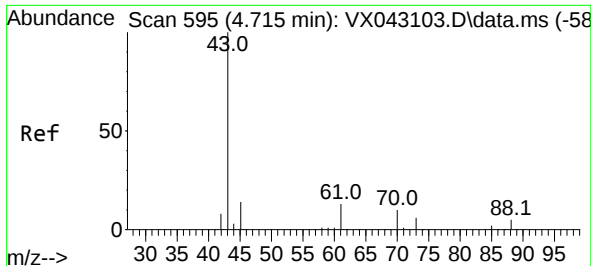
Tgt Ion:113 Resp: 70090
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.3 14.6 22.0



#36
1,1-Dichloropropene
Concen: 47.255 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 75 Resp: 82849
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.4
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 45.641 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

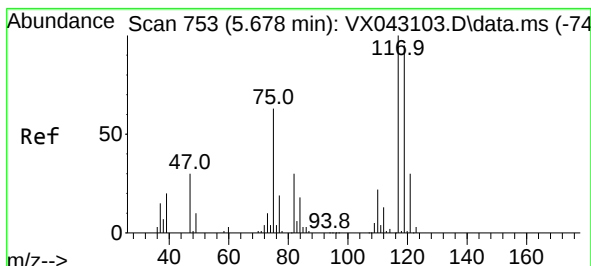
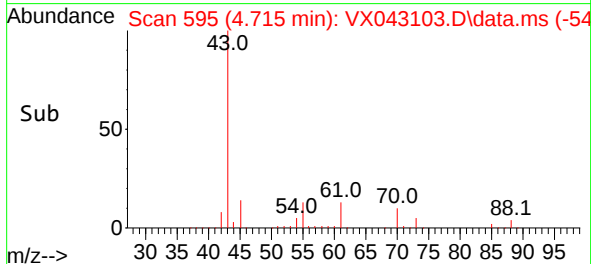
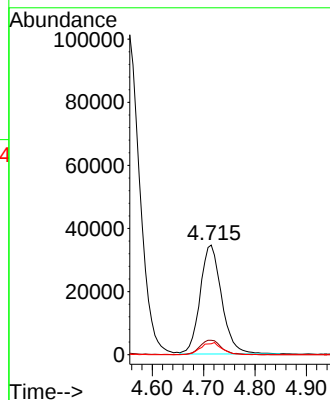
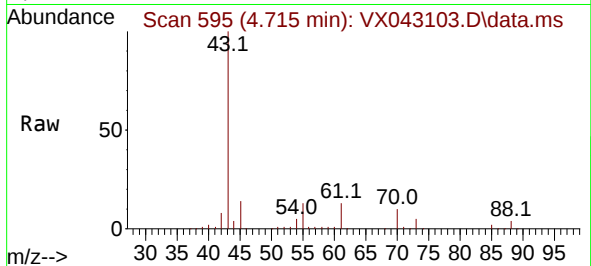
Tgt Ion: 43 Resp: 100509

Ion Ratio Lower Upper

43 100

61 13.6 10.9 16.3

70 10.8 8.6 13.0



#38

Carbon Tetrachloride

Concen: 47.069 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

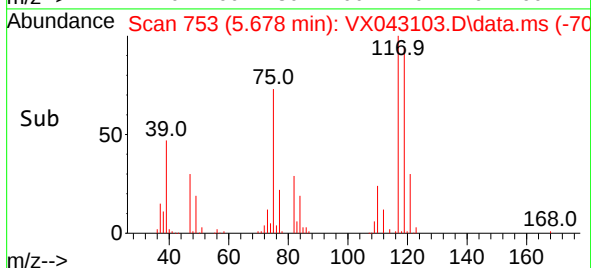
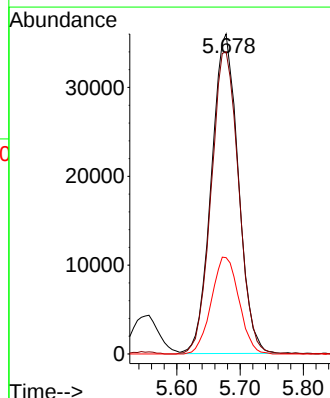
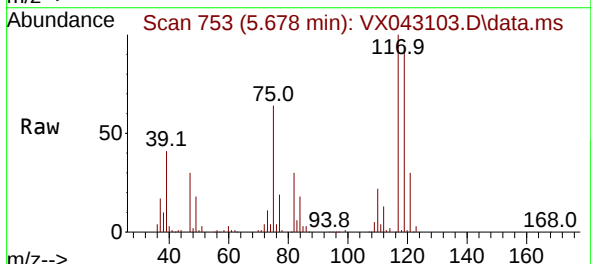
Tgt Ion: 117 Resp: 106302

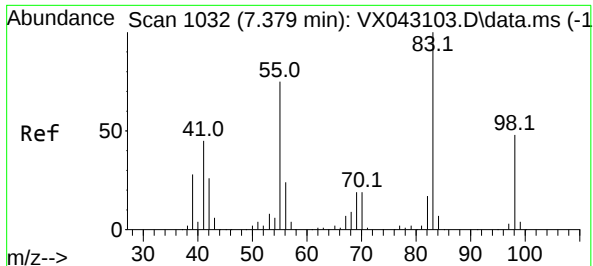
Ion Ratio Lower Upper

117 100

119 94.4 75.5 113.3

121 30.2 24.2 36.2

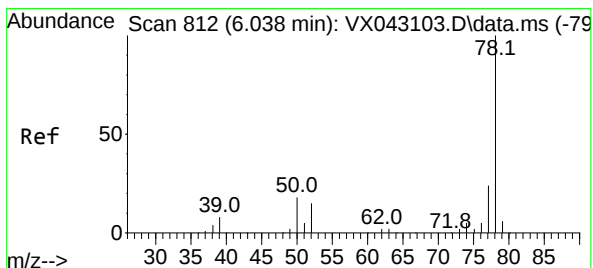
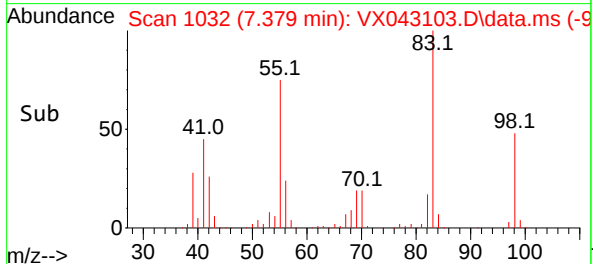
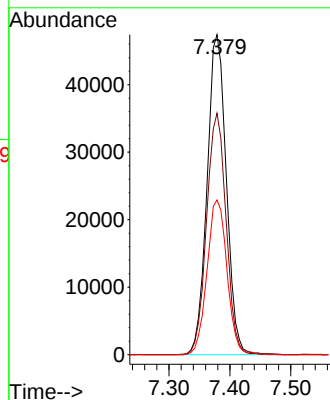
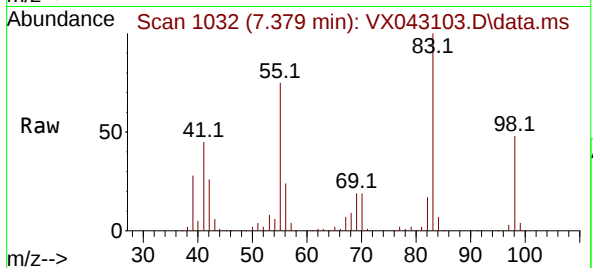




#39
Methylcyclohexane
Concen: 47.314 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

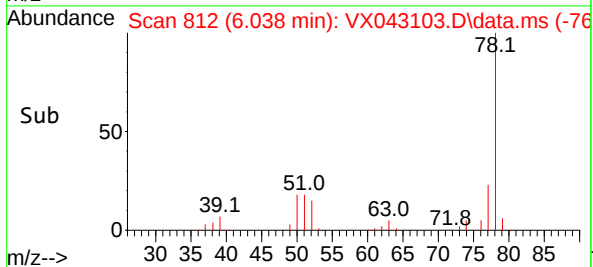
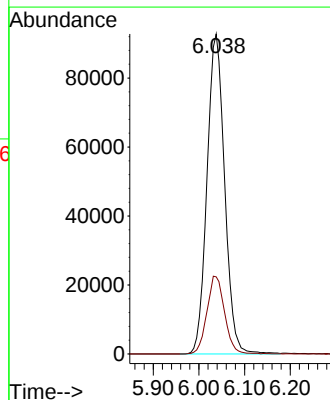
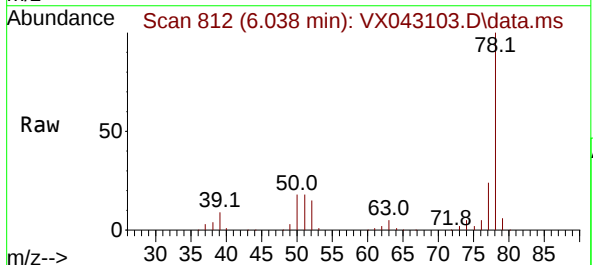
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

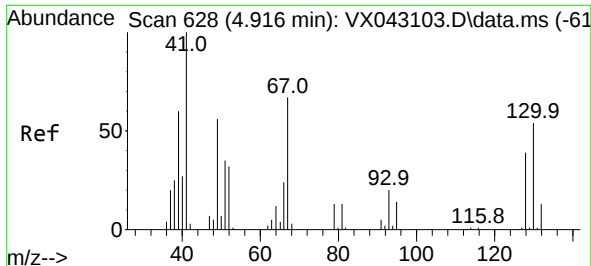
Tgt Ion: 83 Resp: 104104
Ion Ratio Lower Upper
83 100
55 75.3 60.2 90.4
98 48.3 38.6 58.0



#40
Benzene
Concen: 48.035 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 78 Resp: 248502
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

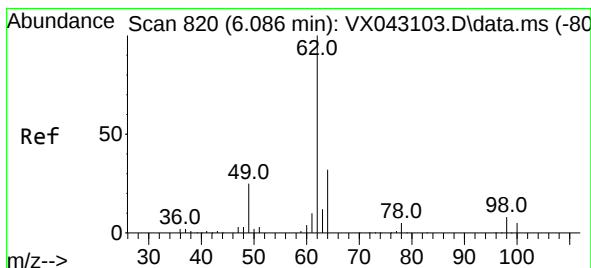
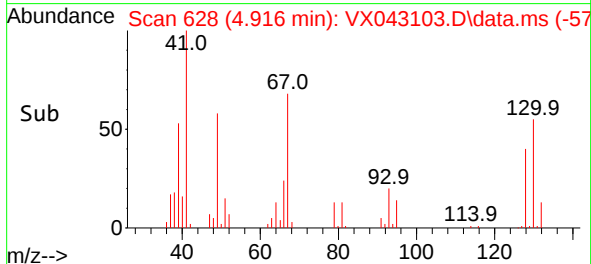
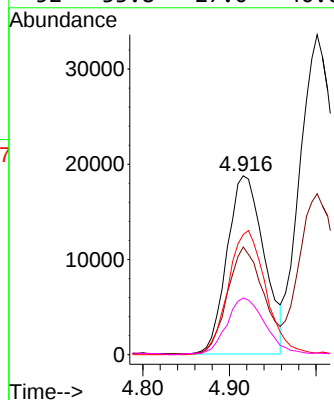
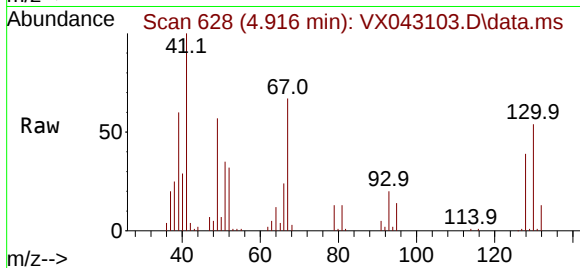




#41
Methacrylonitrile
Concen: 50.939 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

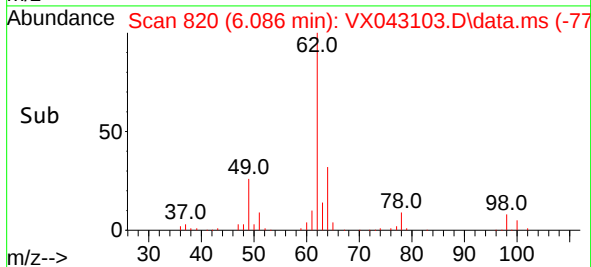
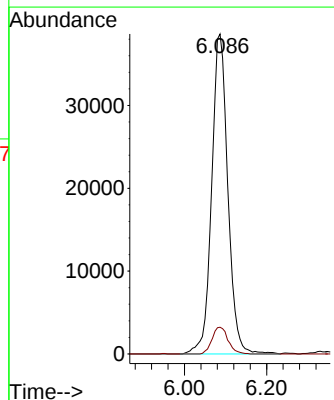
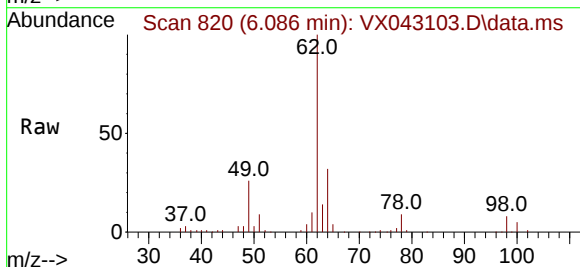
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

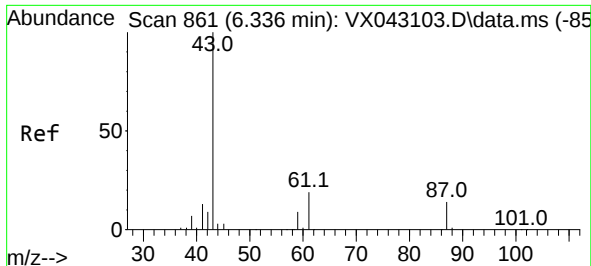
Tgt Ion:	41	Resp:	55768
Ion	Ratio	Lower	Upper
41	100		
39	58.5	46.8	70.2
67	71.3	57.0	85.6
52	33.8	27.0	40.6



#42
1,2-Dichloroethane
Concen: 48.015 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:	62	Resp:	105472
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.796 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

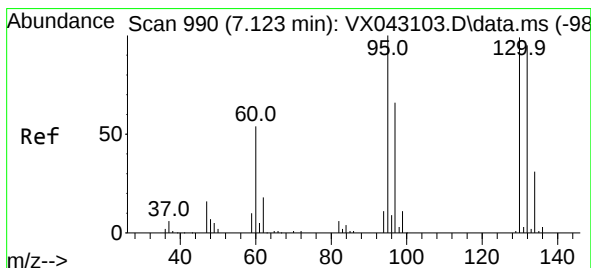
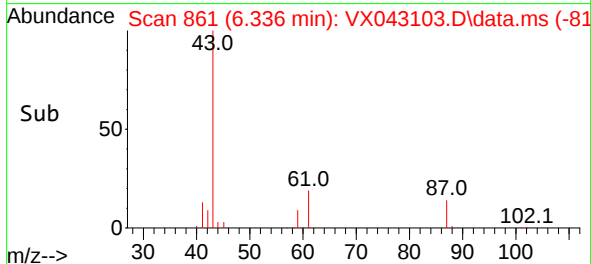
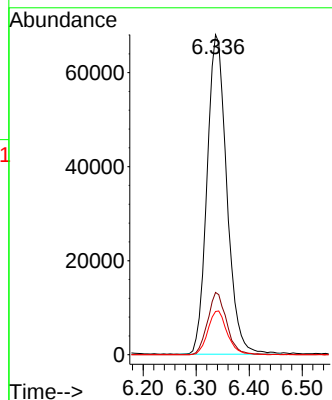
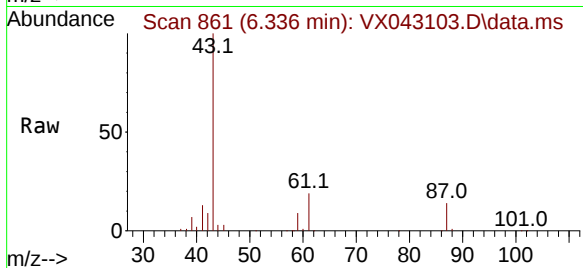
Tgt Ion: 43 Resp: 175804

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.6

87 13.3 10.6 16.0



#44

Trichloroethene

Concen: 47.987 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043103.D

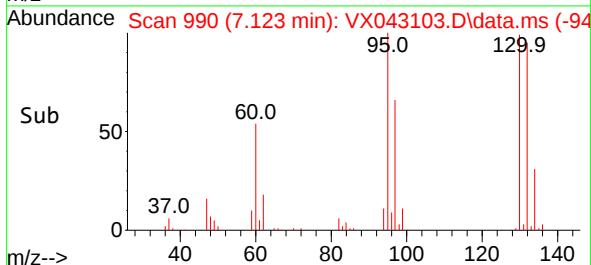
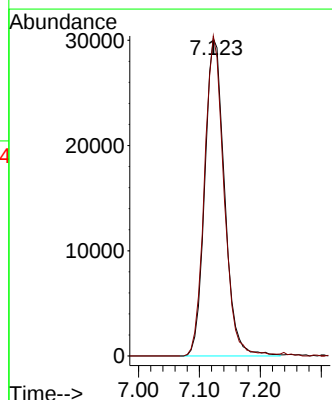
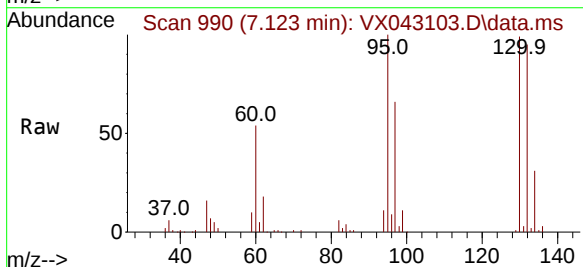
Acq: 23 Sep 2024 09:56

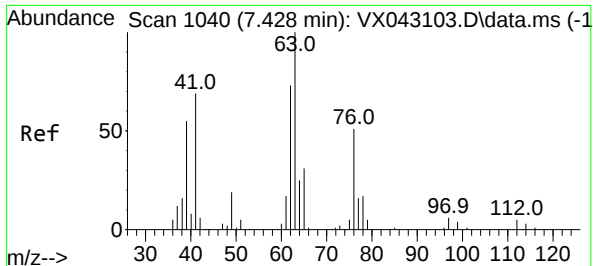
Tgt Ion:130 Resp: 67925

Ion Ratio Lower Upper

130 100

95 100.8 0.0 201.6





#45

1,2-Dichloropropane

Concen: 48.664 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

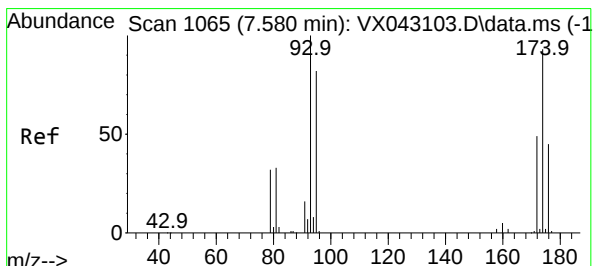
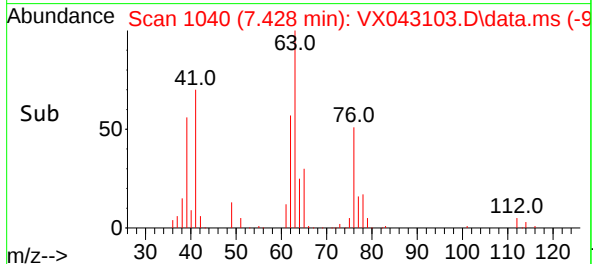
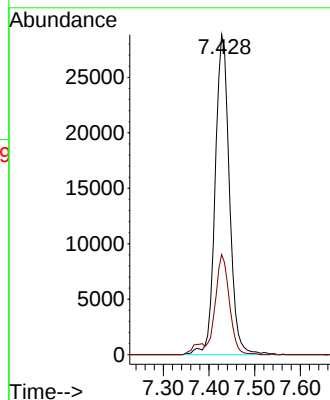
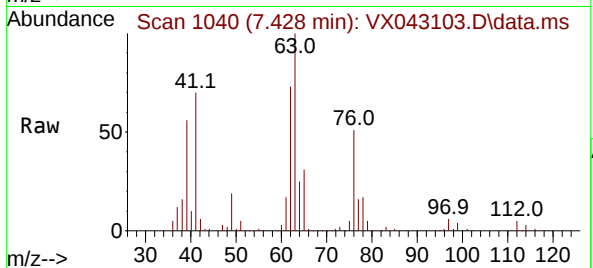
VSTDICCC050

Tgt Ion: 63 Resp: 62707

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#46

Dibromomethane

Concen: 47.316 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

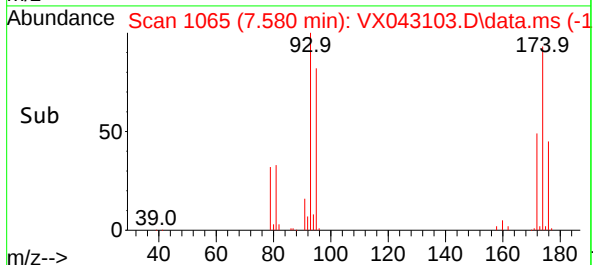
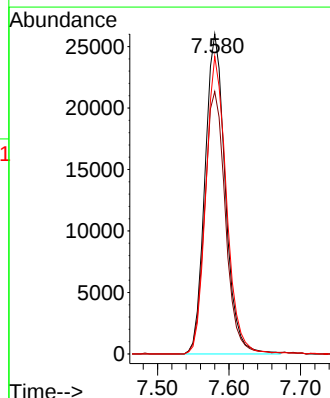
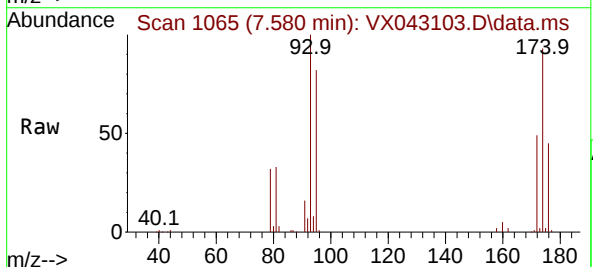
Tgt Ion: 93 Resp: 51340

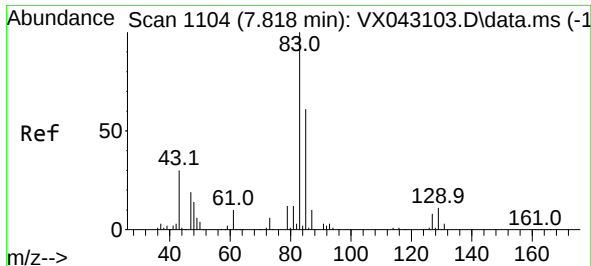
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 94.3 75.4 113.2





#47

Bromodichloromethane

Concen: 48.703 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

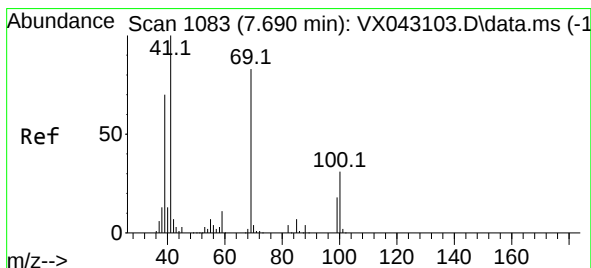
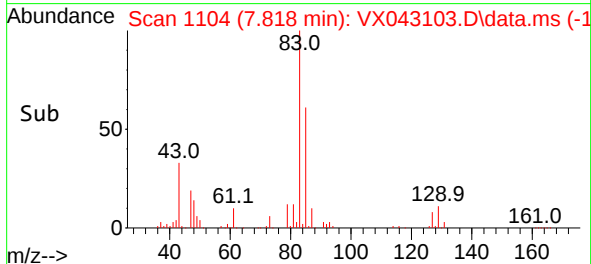
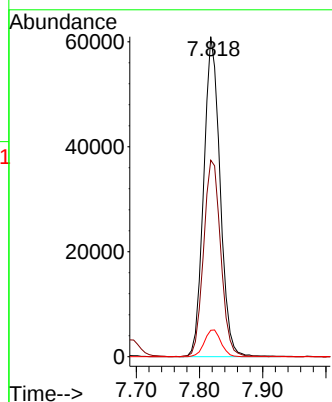
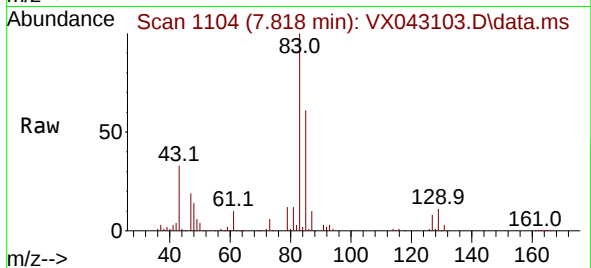
Tgt Ion: 83 Resp: 109886

Ion Ratio Lower Upper

83 100

85 61.4 49.1 73.7

127 8.2 6.6 9.8



#48

Methyl methacrylate

Concen: 46.544 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

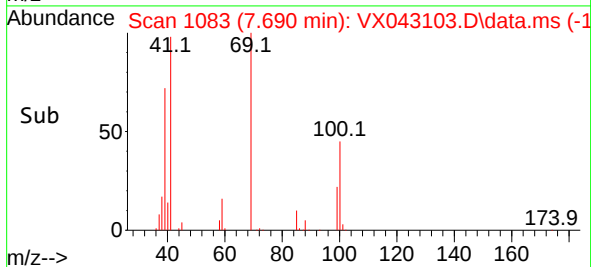
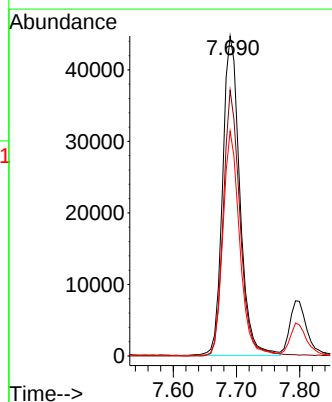
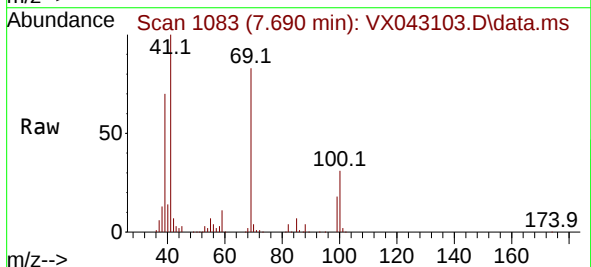
Tgt Ion: 41 Resp: 84090

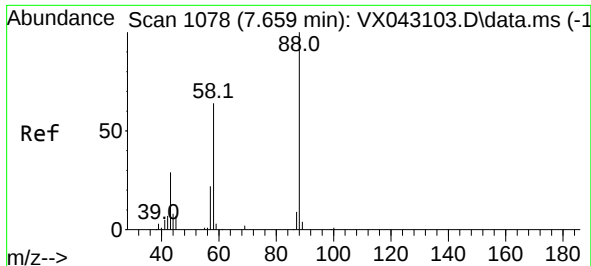
Ion Ratio Lower Upper

41 100

69 81.3 65.0 97.6

39 68.8 55.0 82.6





#49

1,4-Dioxane

Concen: 1003.349 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

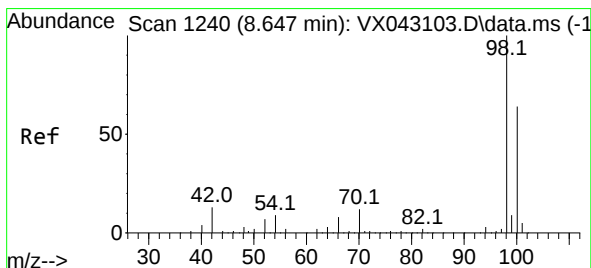
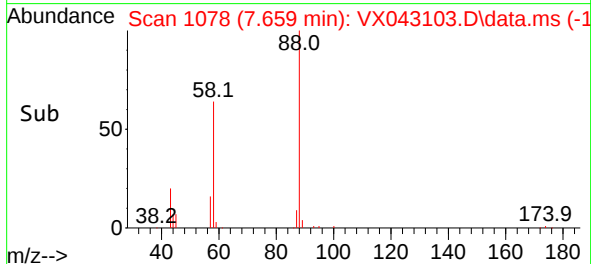
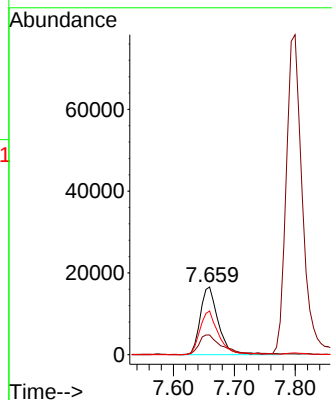
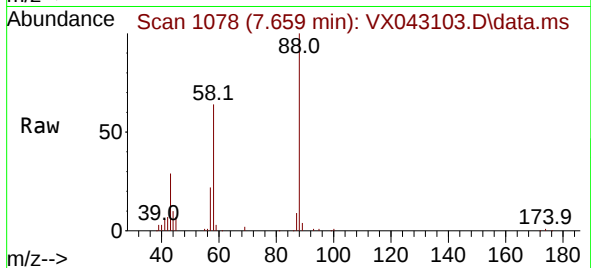
Tgt Ion: 88 Resp: 34220

Ion Ratio Lower Upper

88 100

43 36.9 29.5 44.3

58 65.6 52.5 78.7



#50

Toluene-d8

Concen: 49.266 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043103.D

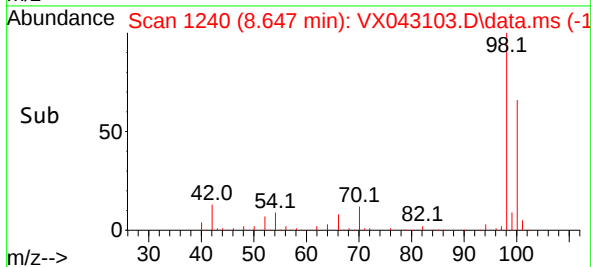
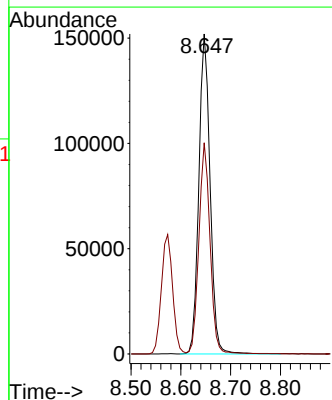
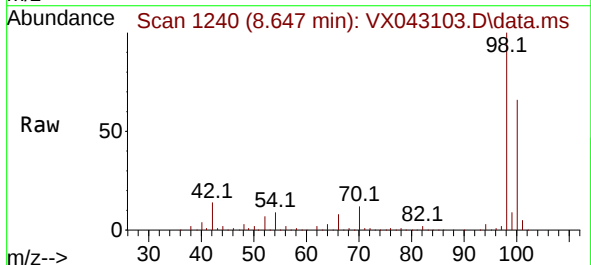
Acq: 23 Sep 2024 09:56

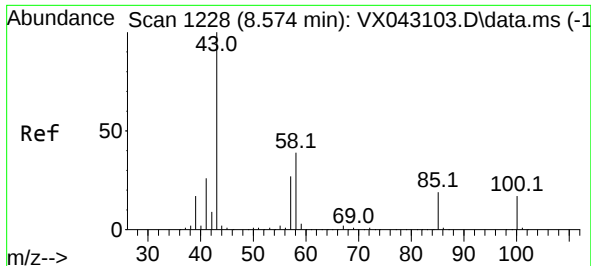
Tgt Ion: 98 Resp: 237819

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 240.855 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

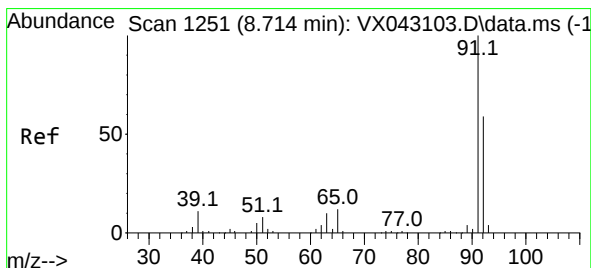
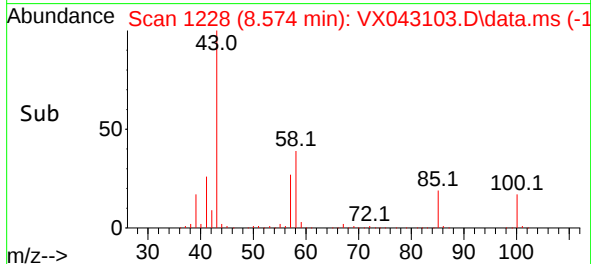
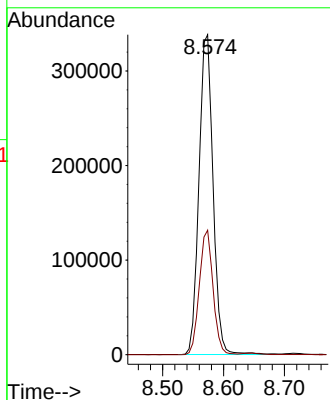
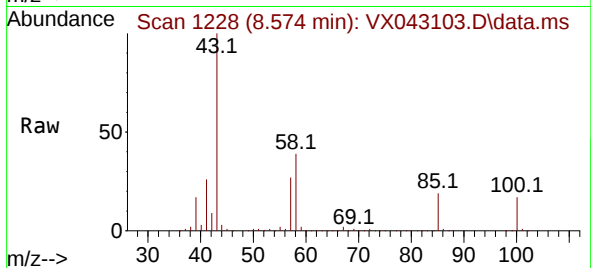
VSTDICCC050

Tgt Ion: 43 Resp: 544248

Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5



#52

Toluene

Concen: 48.687 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043103.D

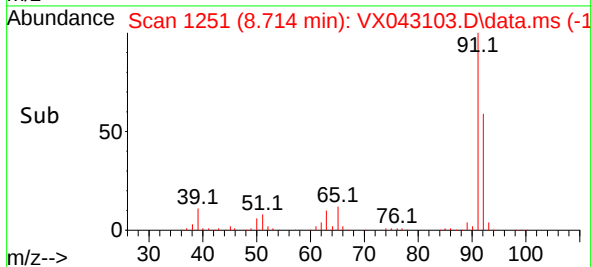
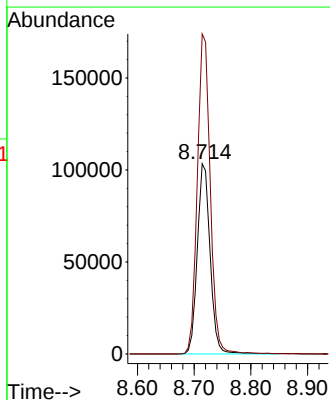
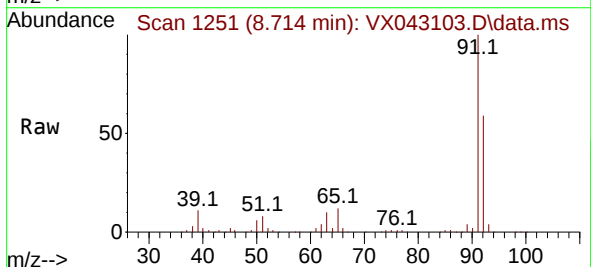
Acq: 23 Sep 2024 09:56

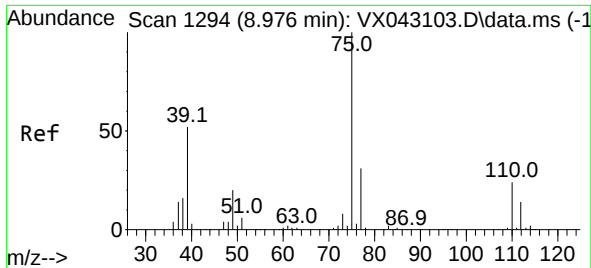
Tgt Ion: 92 Resp: 162207

Ion Ratio Lower Upper

92 100

91 169.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 48.740 ug/l

RT: 8.976 min Scan# 112888

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

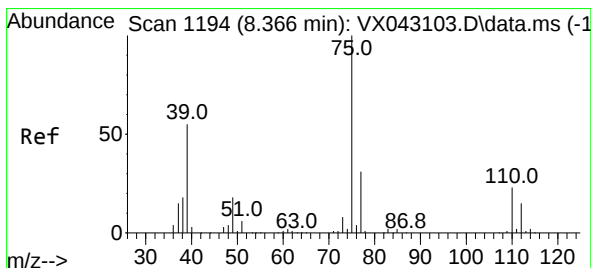
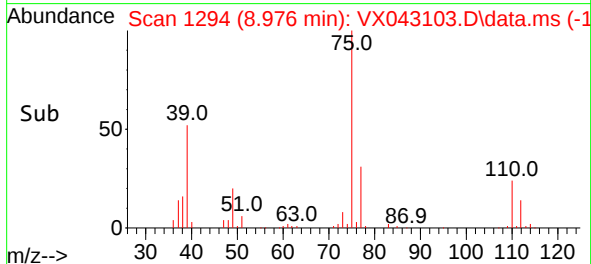
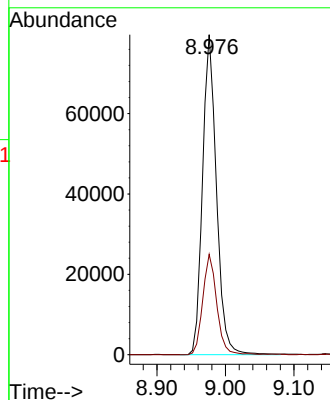
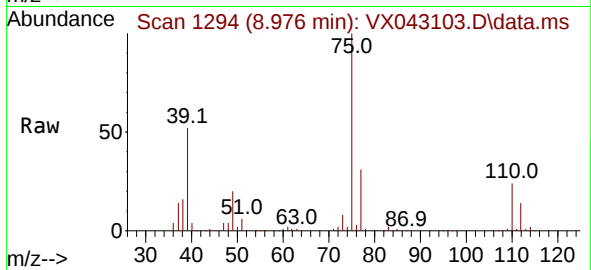
VSTDICCC050

Tgt Ion: 75 Resp: 112888

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 48.818 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

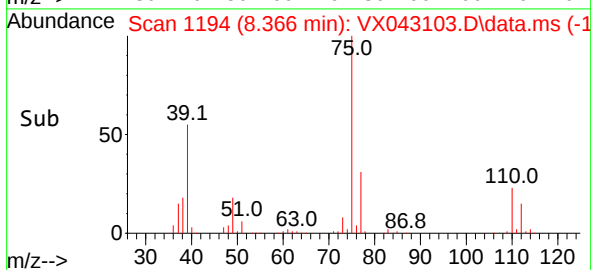
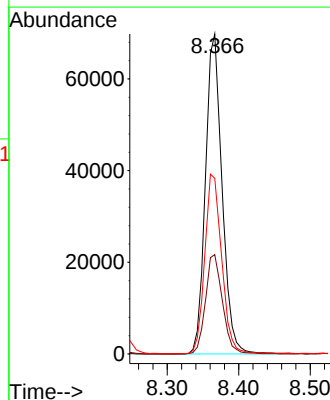
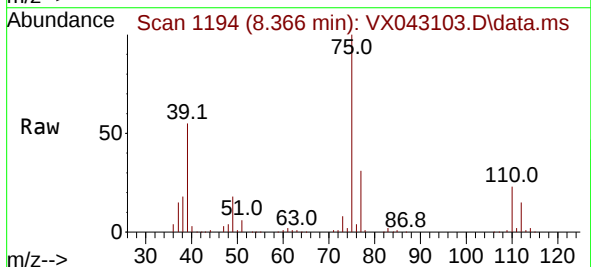
Tgt Ion: 75 Resp: 112919

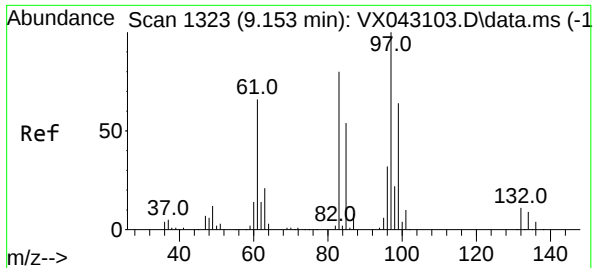
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 54.8 43.8 65.8



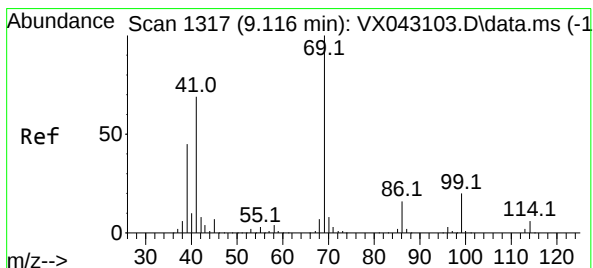
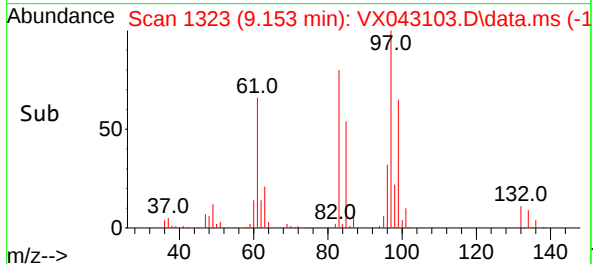
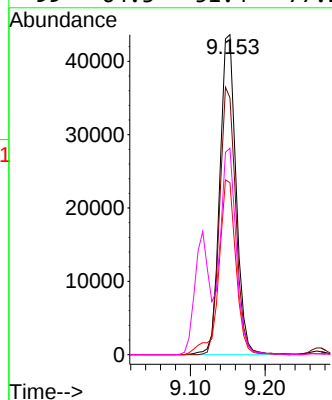
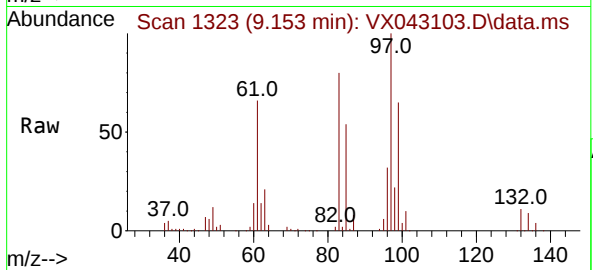


#55
1,1,2-Trichloroethane
Concen: 48.316 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 66277

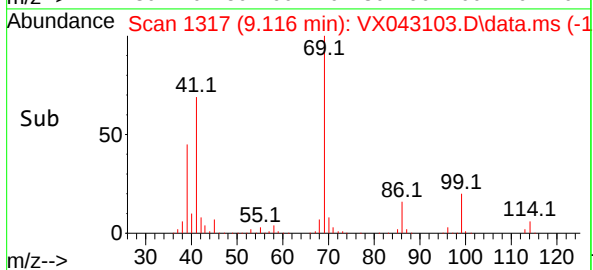
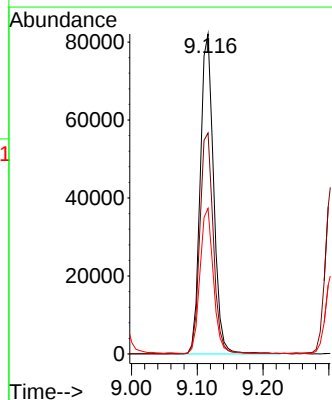
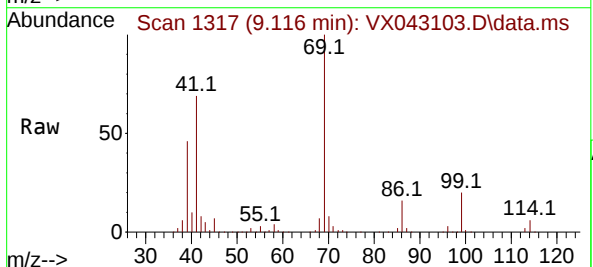
Ion	Ratio	Lower	Upper
97	100		
83	80.3	64.2	96.4
85	53.8	43.0	64.6
99	64.3	51.4	77.2

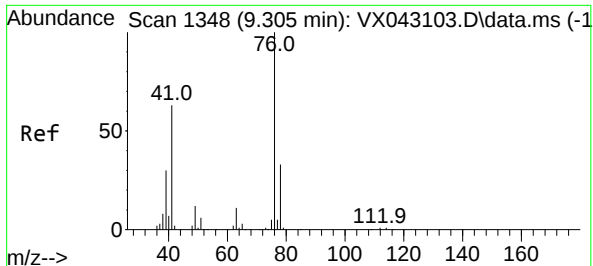


#56
Ethyl methacrylate
Concen: 48.640 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 69 Resp: 116103

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	45.4	36.3	54.5

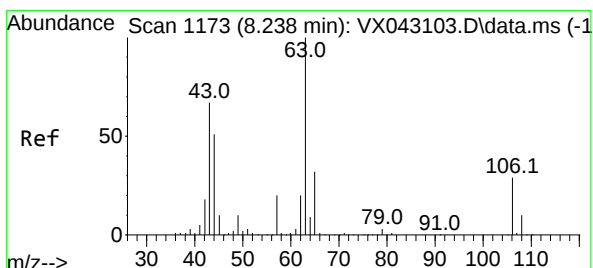
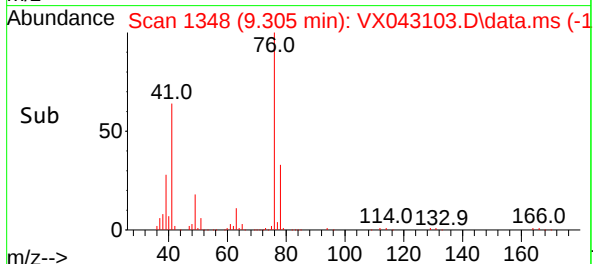
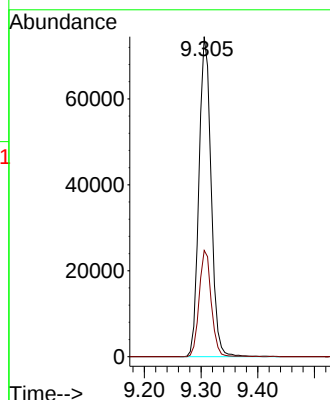
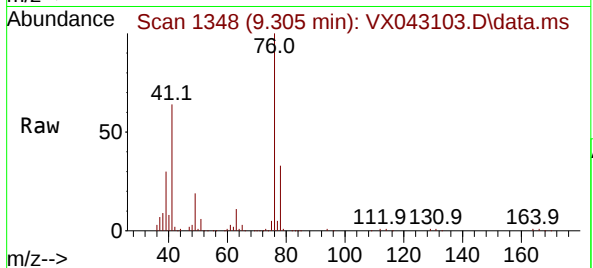




#57
 1,3-Dichloropropane
 Concen: 47.449 ug/l
 RT: 9.305 min Scan# 110704
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

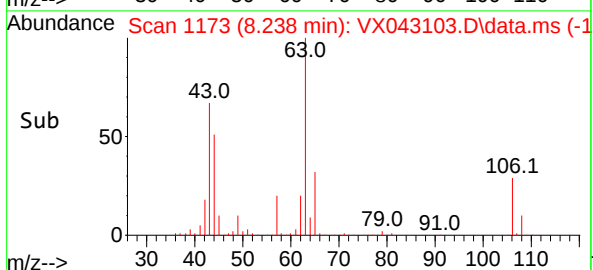
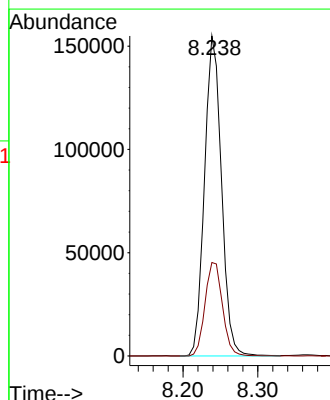
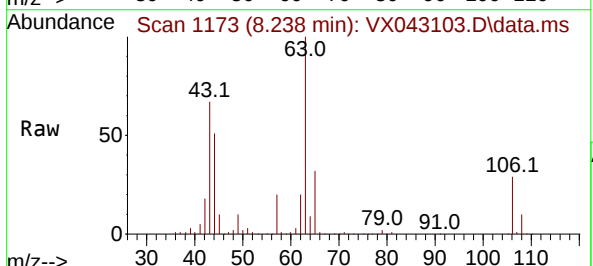
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

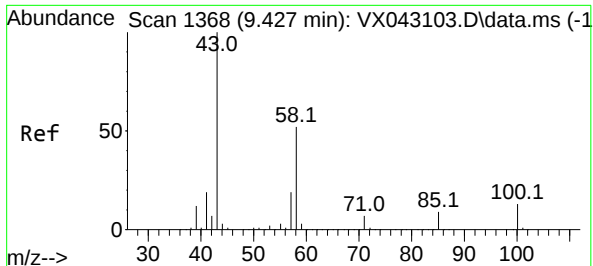
Tgt Ion: 76 Resp: 110704
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.107 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Tgt Ion: 63 Resp: 244288
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0

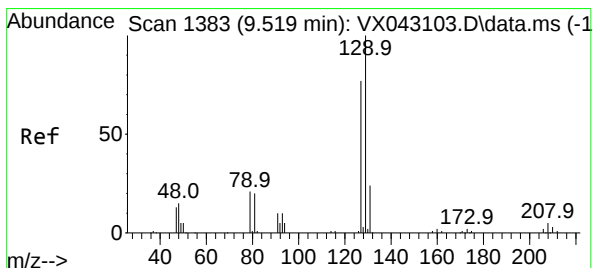
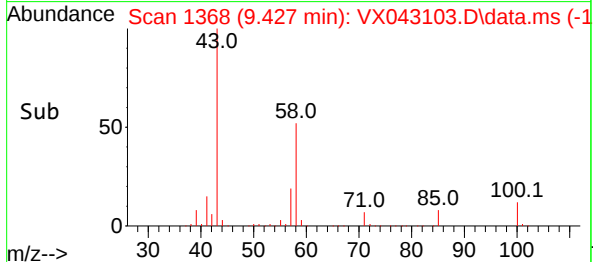
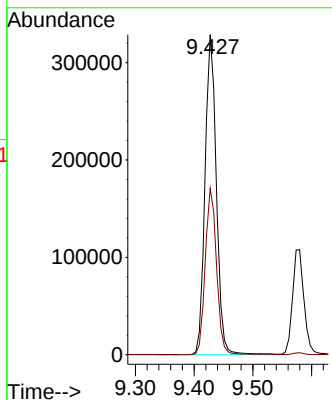
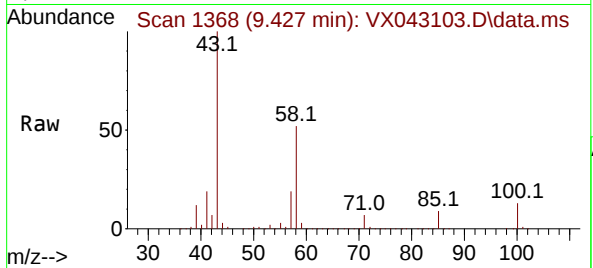




#59
2-Hexanone
Concen: 249.003 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

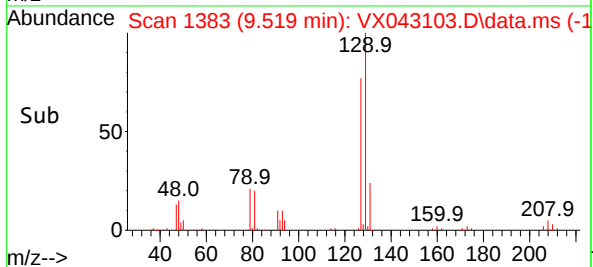
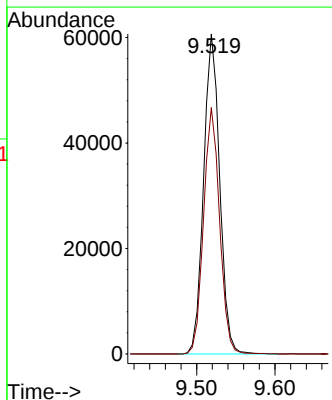
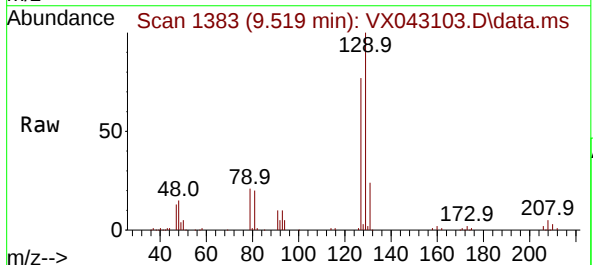
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

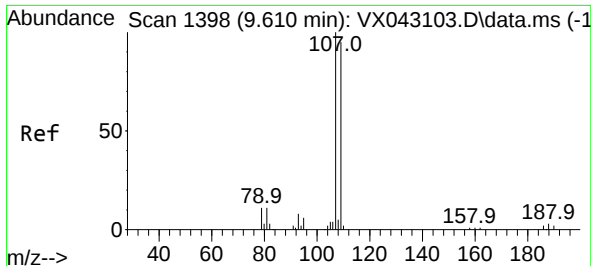
Tgt Ion: 43 Resp: 439958
Ion Ratio Lower Upper
43 100
58 52.1 26.1 78.2



#60
Dibromochloromethane
Concen: 48.204 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:129 Resp: 86353
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.881 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

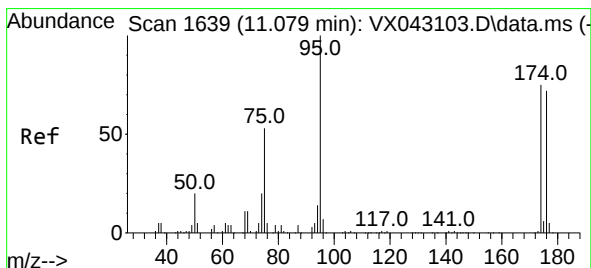
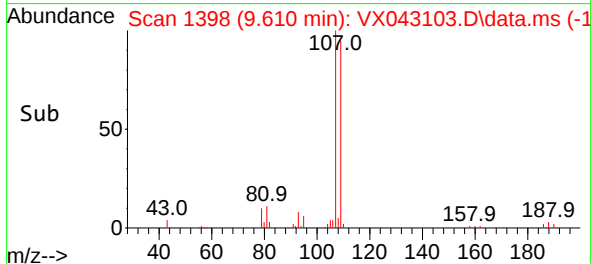
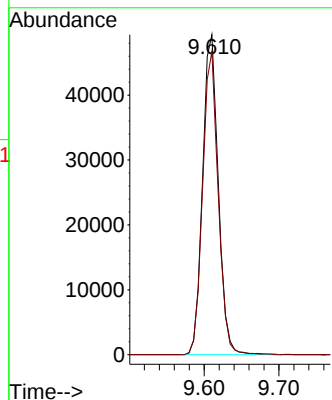
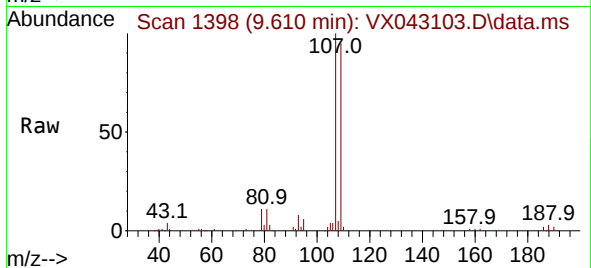
VSTDICCC050

Tgt Ion:107 Resp: 71867

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.403 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

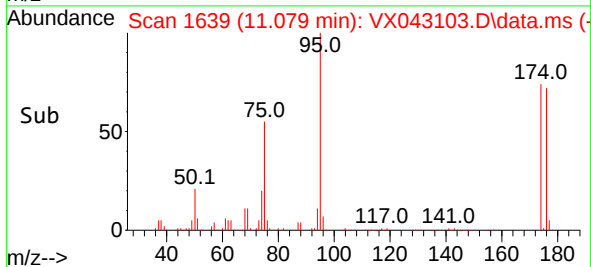
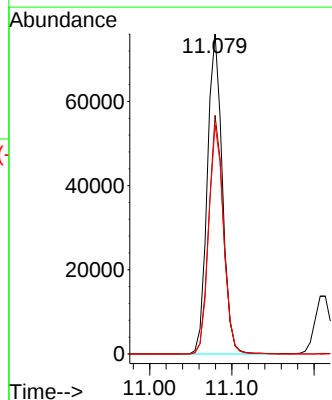
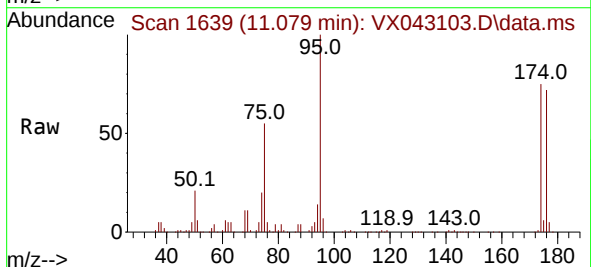
Tgt Ion: 95 Resp: 96039

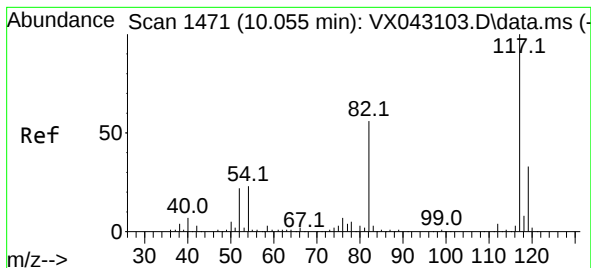
Ion Ratio Lower Upper

95 100

174 73.0 0.0 146.0

176 71.3 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

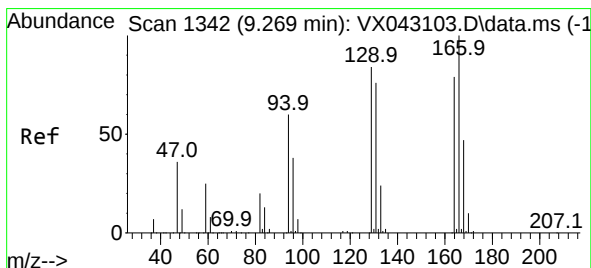
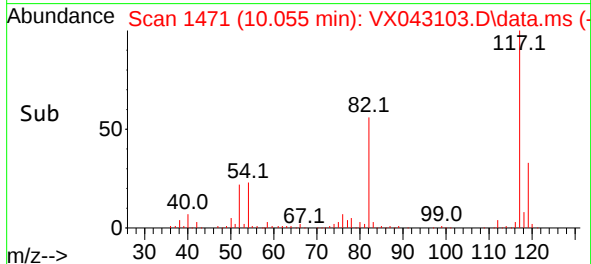
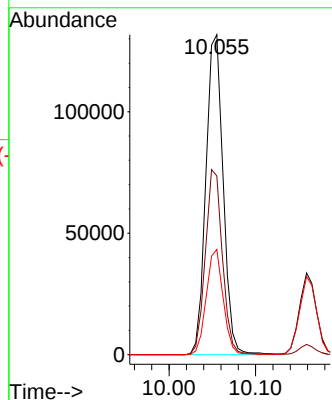
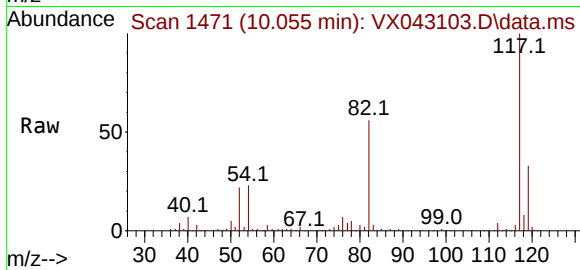
Tgt Ion:117 Resp: 182272

Ion Ratio Lower Upper

117 100

82 55.9 44.7 67.1

119 32.9 26.3 39.5



#64

Tetrachloroethene

Concen: 47.621 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Tgt Ion:164 Resp: 62891

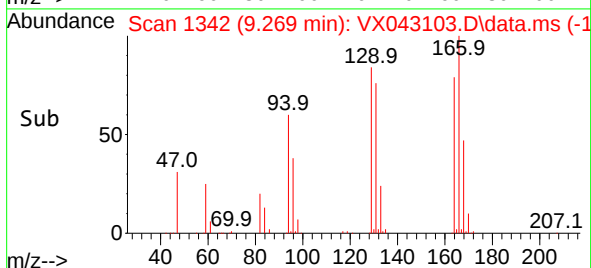
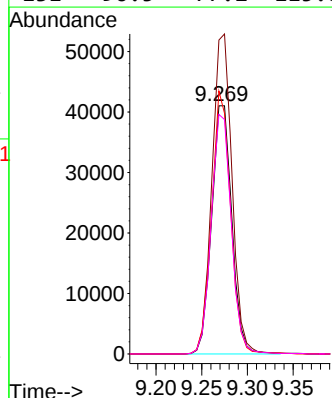
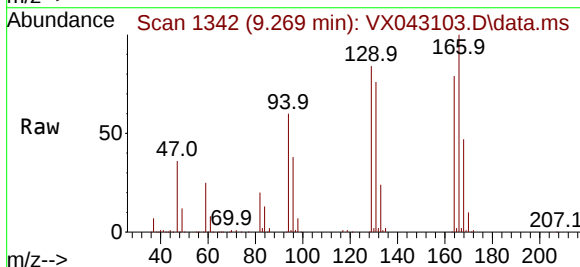
Ion Ratio Lower Upper

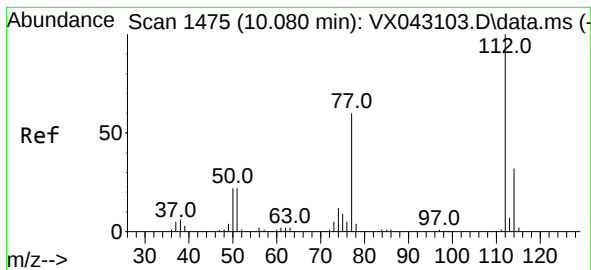
164 100

166 126.5 101.2 151.8

129 105.9 84.7 127.1

131 96.5 77.2 115.8

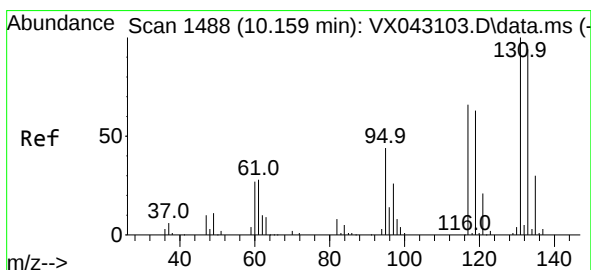
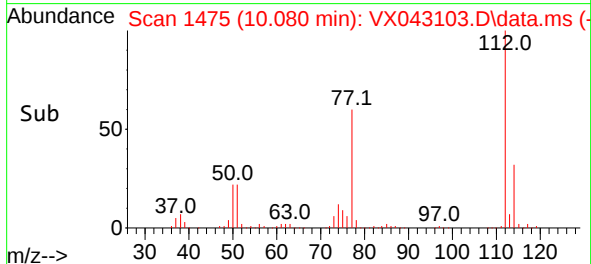
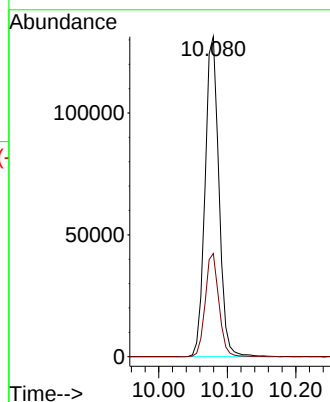
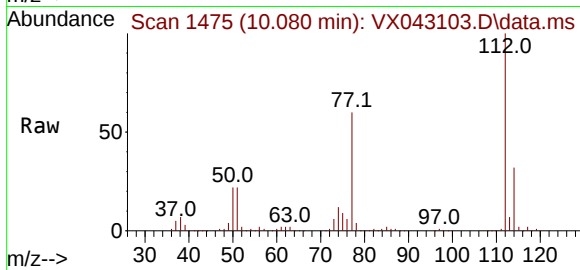




#65
Chlorobenzene
Concen: 47.148 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

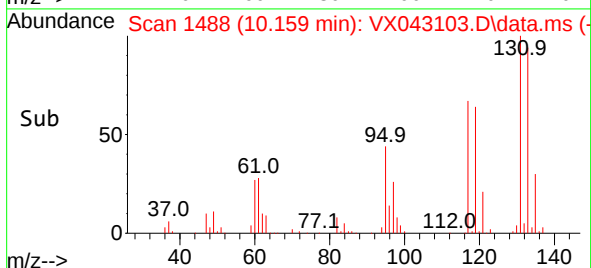
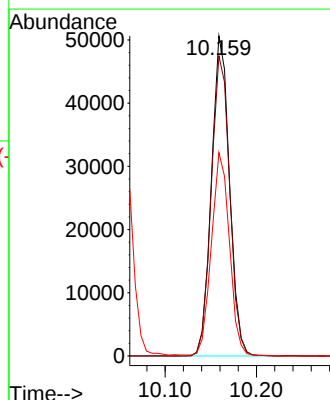
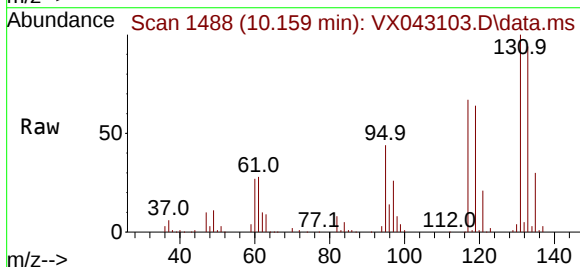
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

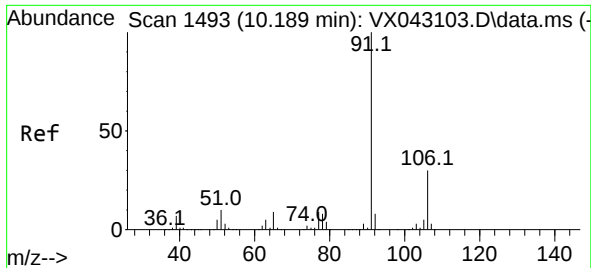
Tgt Ion:112 Resp: 185385
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.803 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:131 Resp: 69331
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.6 31.8 95.4

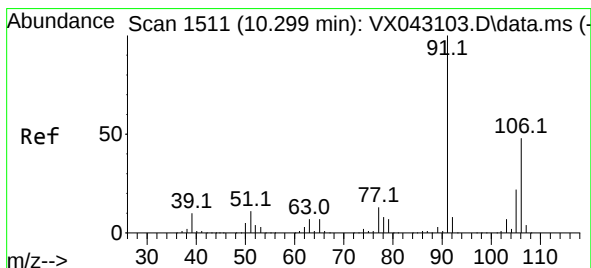
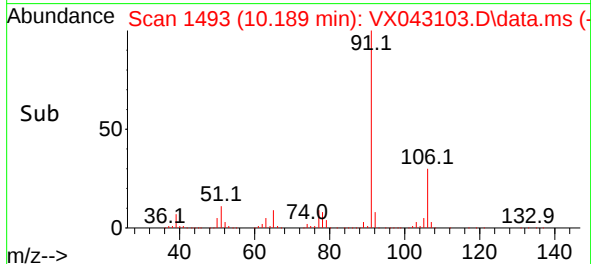
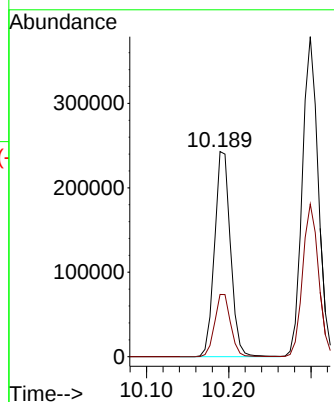
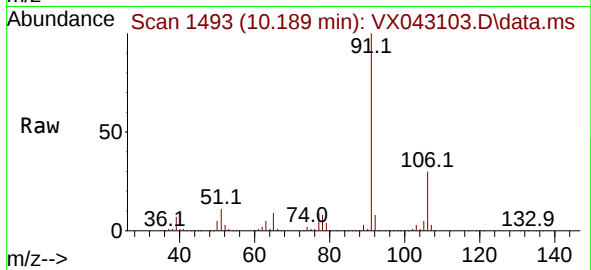




#67
Ethyl Benzene
Concen: 48.099 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

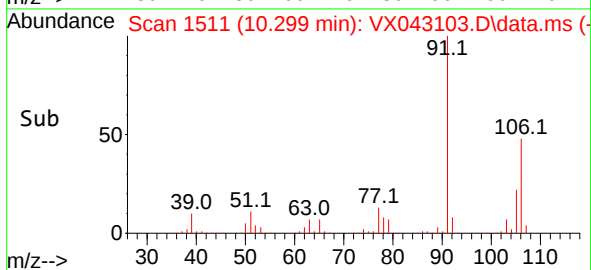
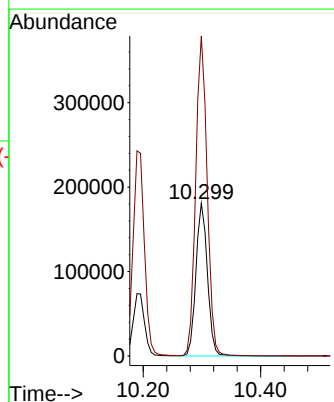
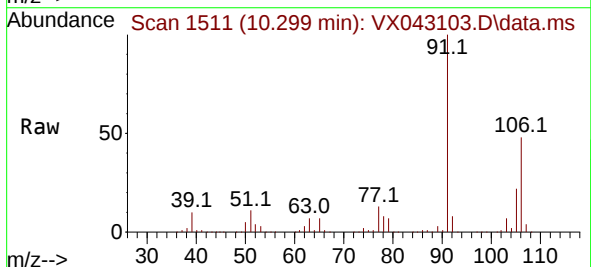
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

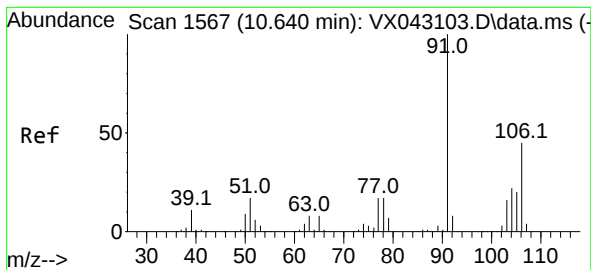
Tgt Ion: 91 Resp: 327155
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 96.662 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 106 Resp: 244673
Ion Ratio Lower Upper
106 100
91 209.4 167.5 251.3





#69

o-Xylene

Concen: 47.166 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

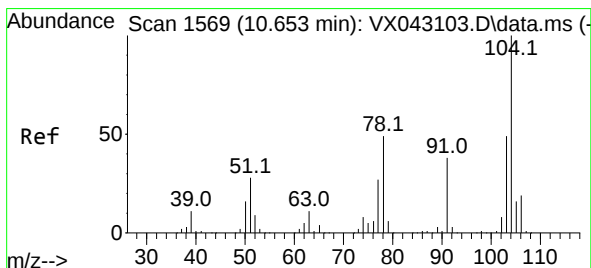
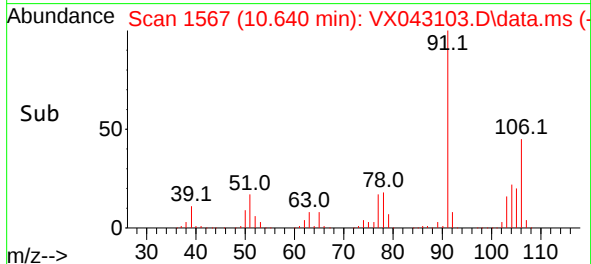
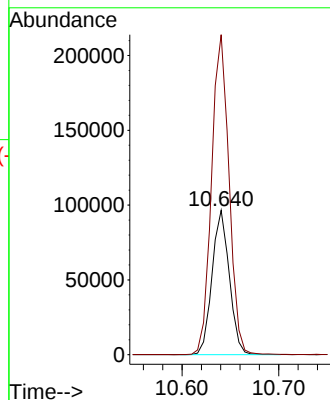
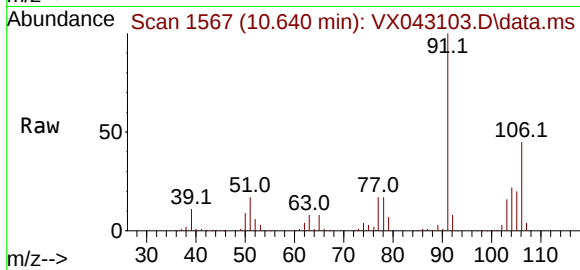
VSTDICCC050

Tgt Ion:106 Resp: 119746

Ion Ratio Lower Upper

106 100

91 224.9 112.5 337.4



#70

Styrene

Concen: 49.047 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

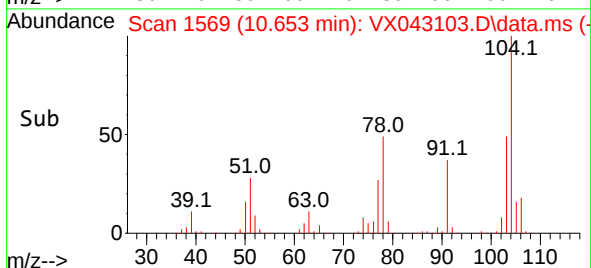
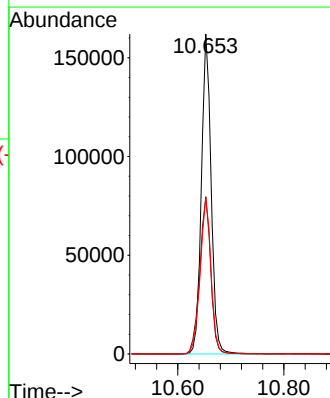
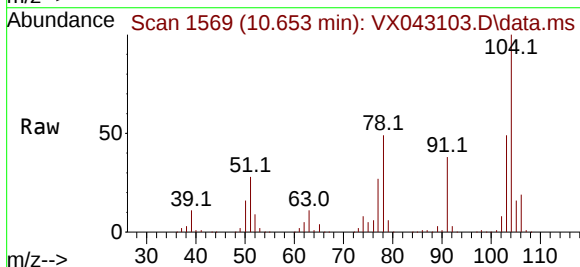
Tgt Ion:104 Resp: 207709

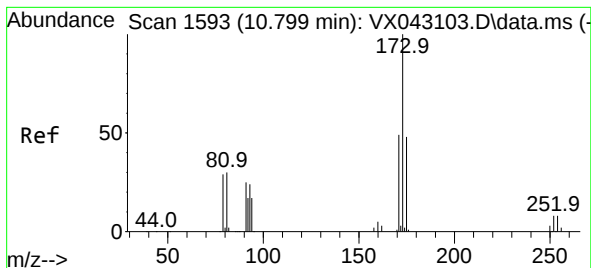
Ion Ratio Lower Upper

104 100

78 55.4 44.3 66.5

103 54.2 43.4 65.0





#71

Bromoform

Concen: 48.950 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

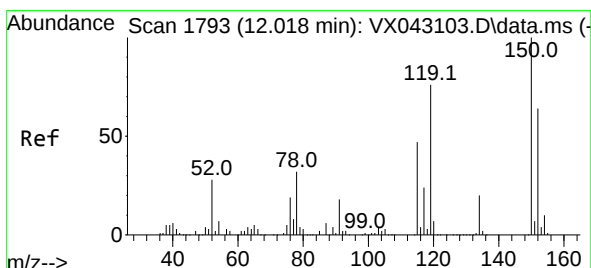
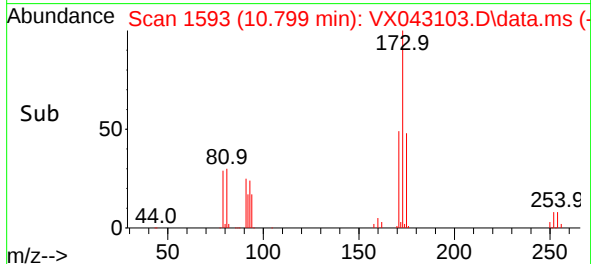
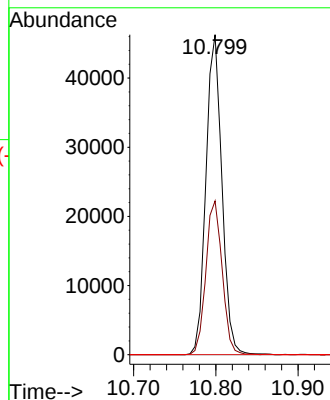
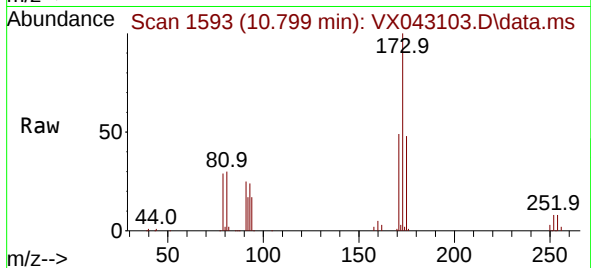
Tgt Ion:173 Resp: 62441

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

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. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

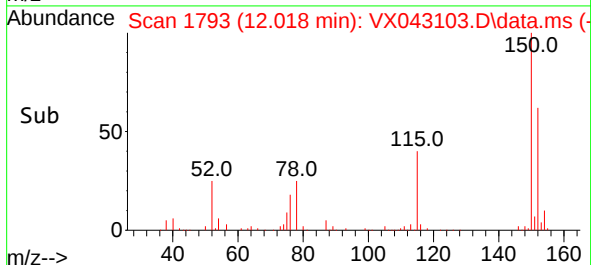
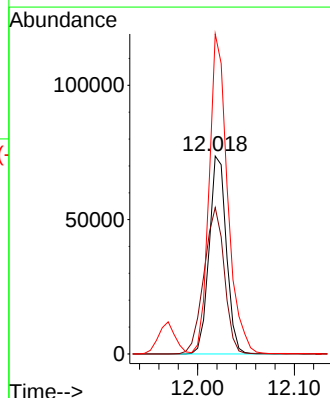
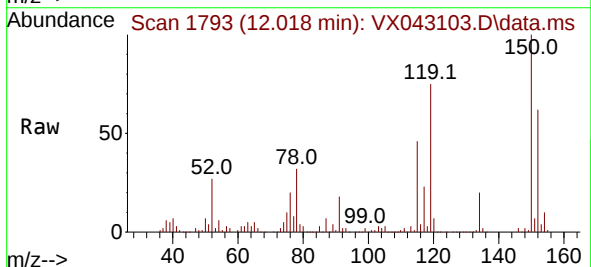
Tgt Ion:152 Resp: 91384

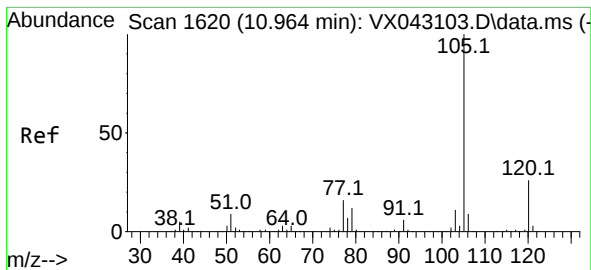
Ion Ratio Lower Upper

152 100

115 87.4 43.7 131.1

150 172.3 0.0 344.6





#73

Isopropylbenzene

Concen: 46.888 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

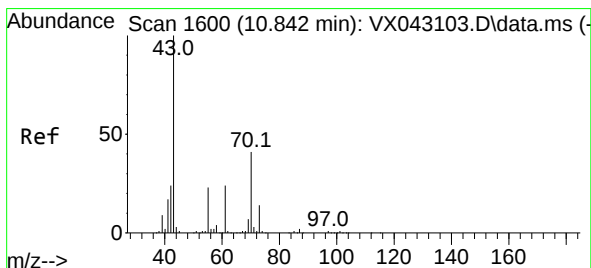
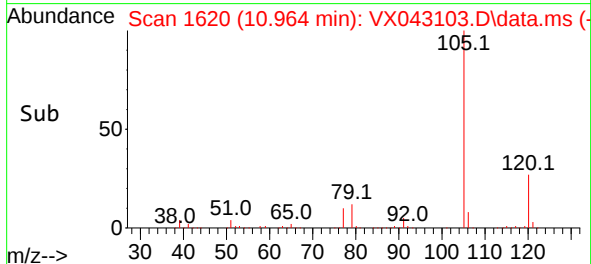
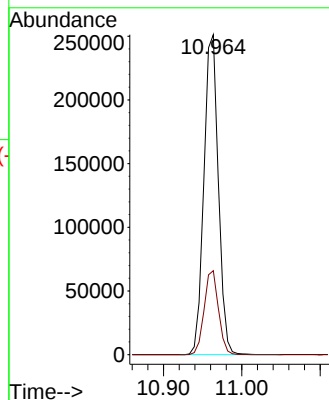
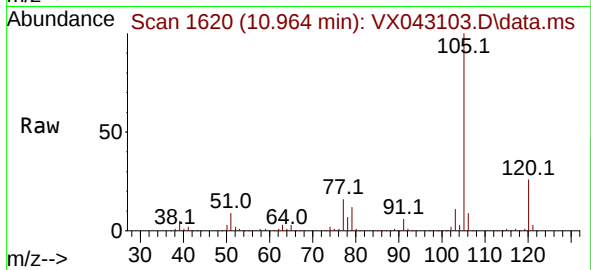
VSTDICCC050

Tgt Ion:105 Resp: 321340

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 47.967 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Tgt Ion: 43 Resp: 154458

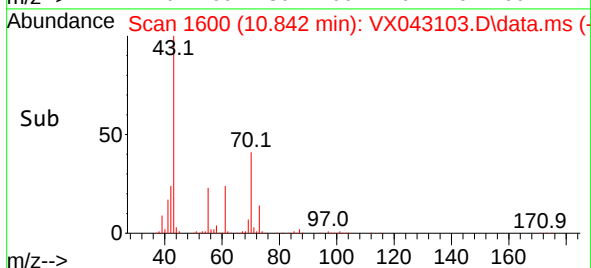
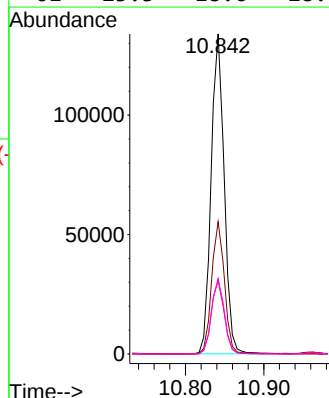
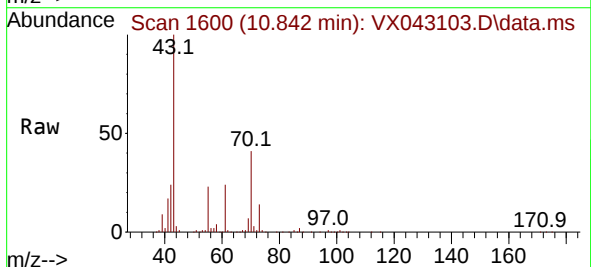
Ion Ratio Lower Upper

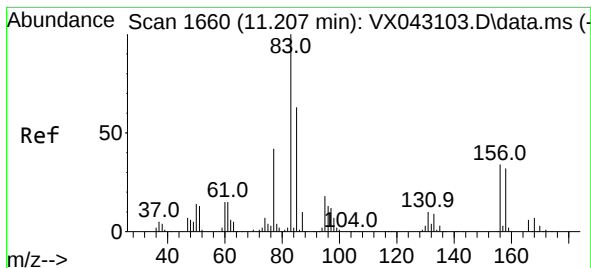
43 100

70 40.6 32.5 48.7

55 22.8 18.2 27.4

61 23.3 18.6 28.0





#75

1,1,2-Tetrachloroethane

Concen: 47.072 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

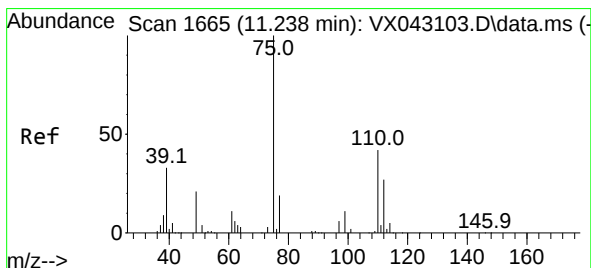
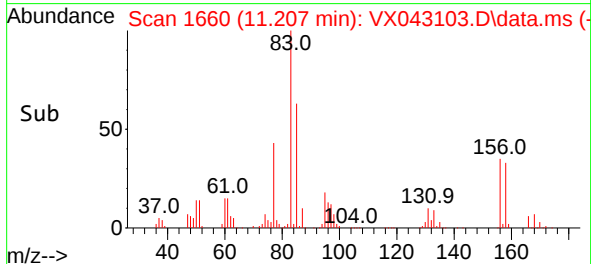
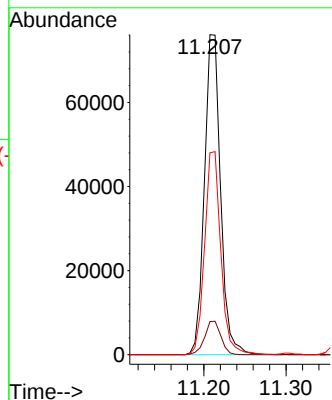
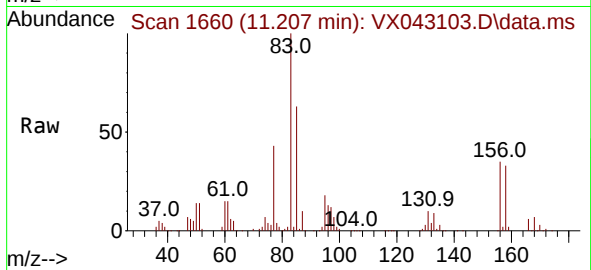
Tgt Ion: 83 Resp: 103809

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 63.974 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043103.D

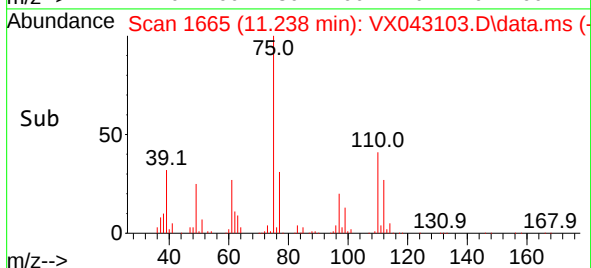
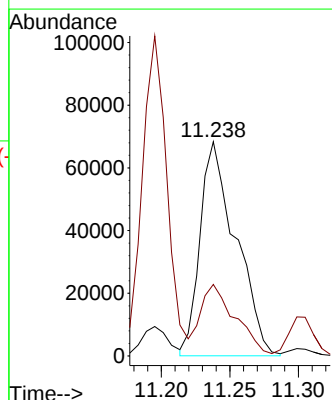
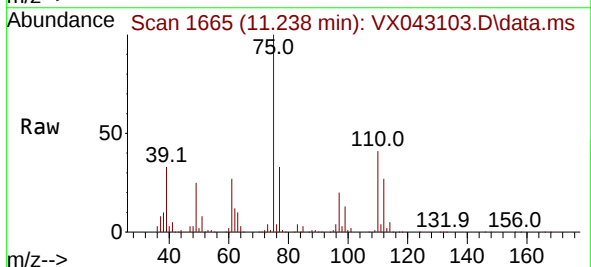
Acq: 23 Sep 2024 09:56

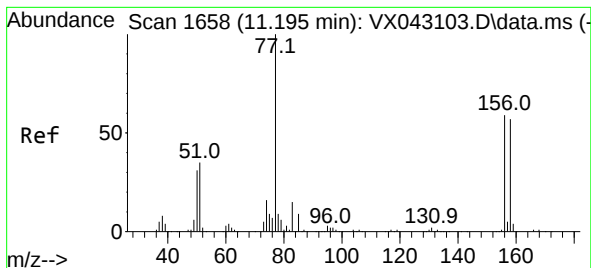
Tgt Ion: 75 Resp: 124294

Ion Ratio Lower Upper

75 100

77 32.6 21.9 65.7





#77

Bromobenzene

Concen: 47.488 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

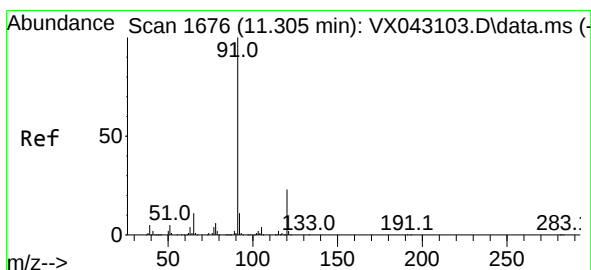
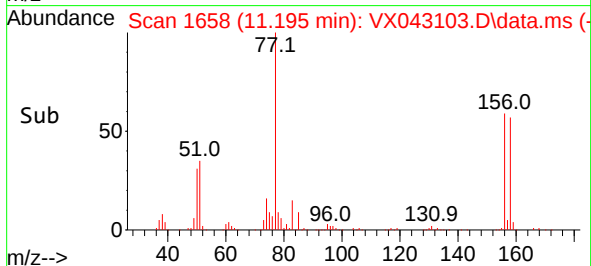
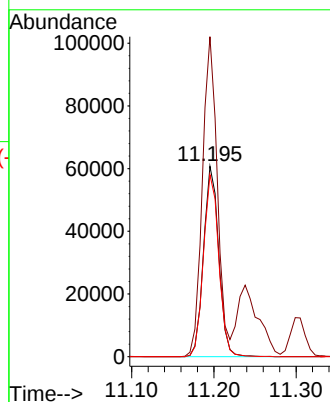
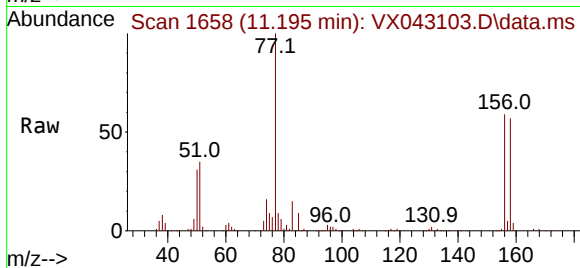
Tgt Ion:156 Resp: 78130

Ion Ratio Lower Upper

156 100

77 164.9 82.5 247.3

158 96.4 48.2 144.6



#78

n-propylbenzene

Concen: 47.488 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043103.D

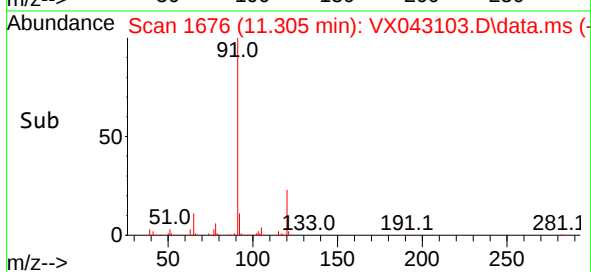
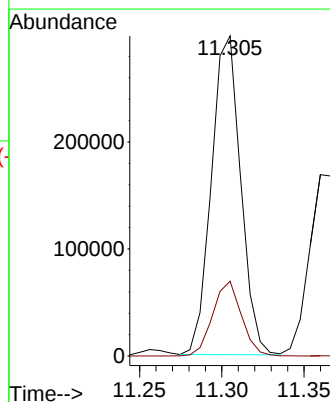
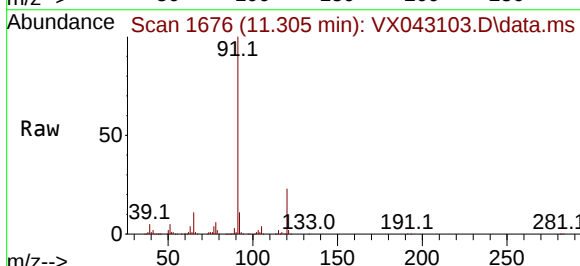
Acq: 23 Sep 2024 09:56

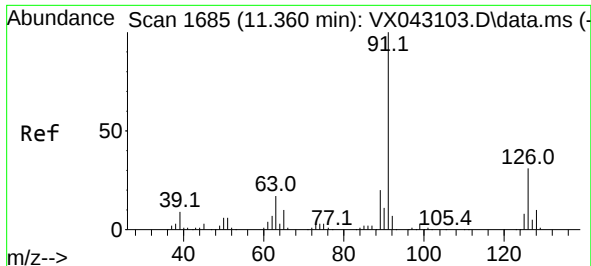
Tgt Ion: 91 Resp: 369241

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5

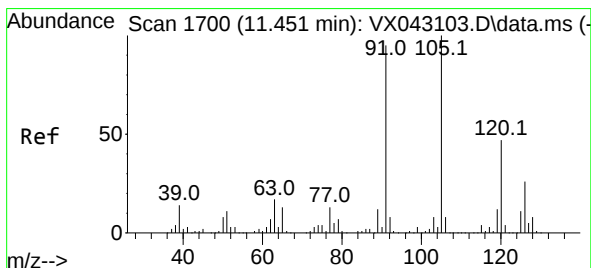
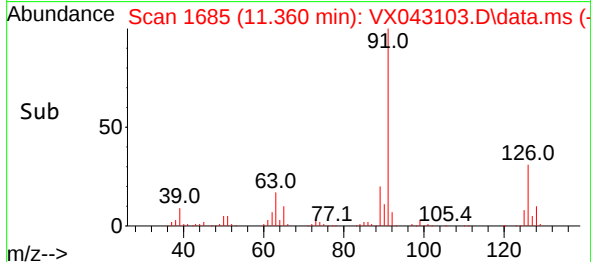
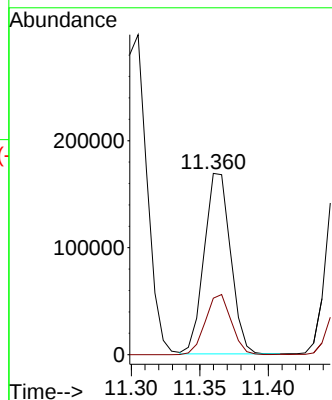
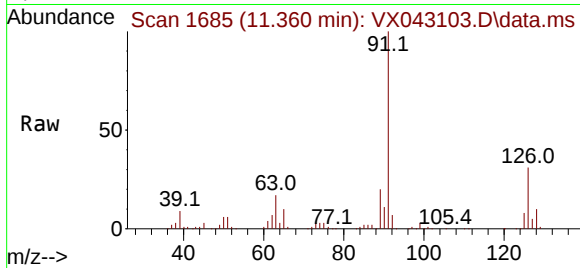




#79
2-Chlorotoluene
Concen: 46.407 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

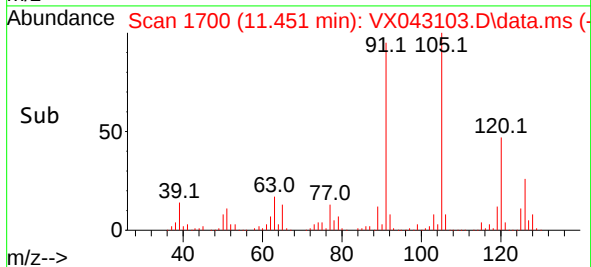
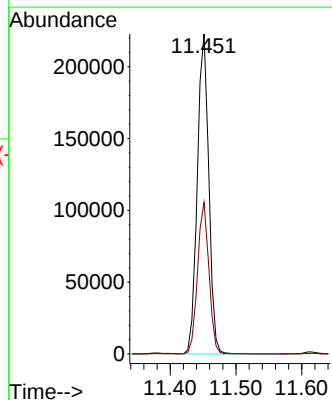
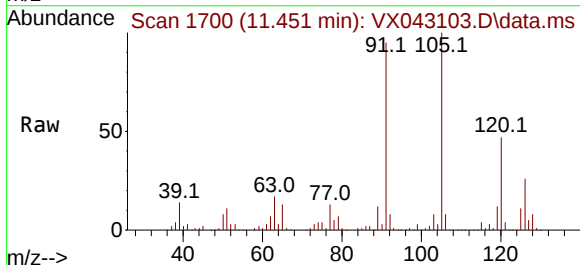
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

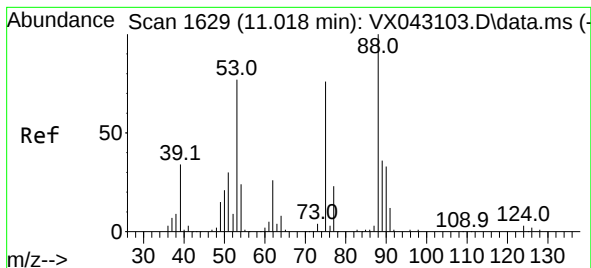
Tgt Ion: 91 Resp: 226327
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 47.526 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 105 Resp: 269488
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5

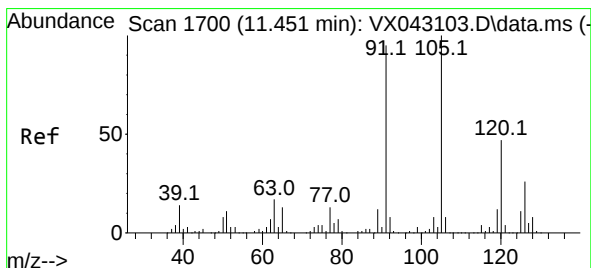
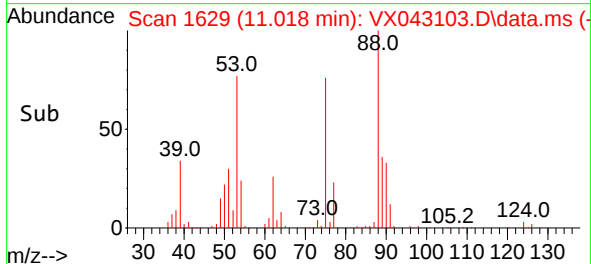
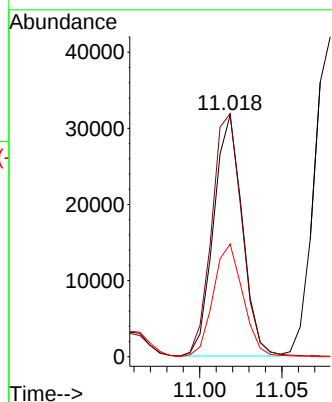
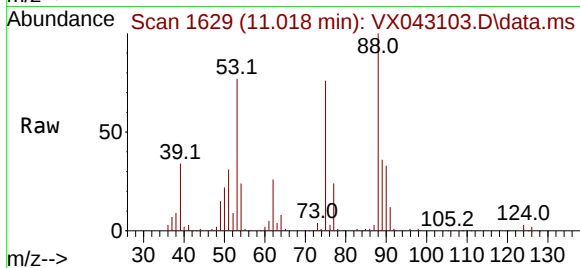




#81
trans-1,4-Dichloro-2-butene
Concen: 47.202 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

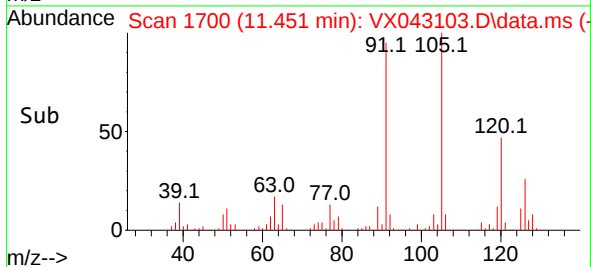
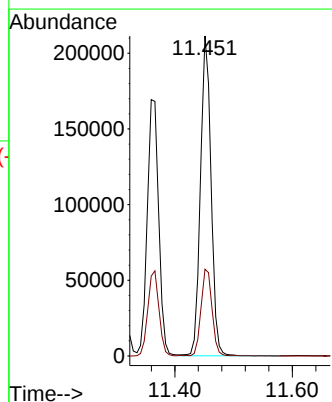
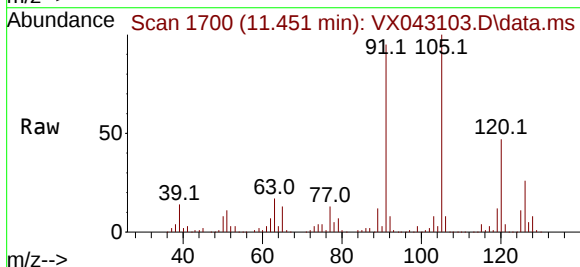
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

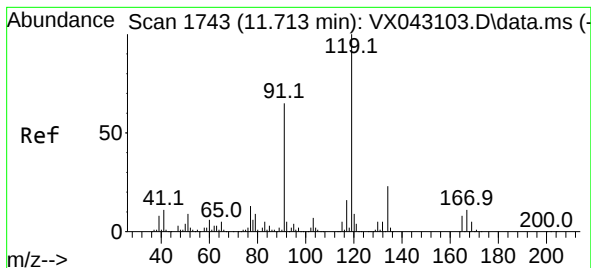
Tgt Ion: 75 Resp: 38491
Ion Ratio Lower Upper
75 100
53 106.8 85.4 128.2
89 48.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.583 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 91 Resp: 265245
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 46.427 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

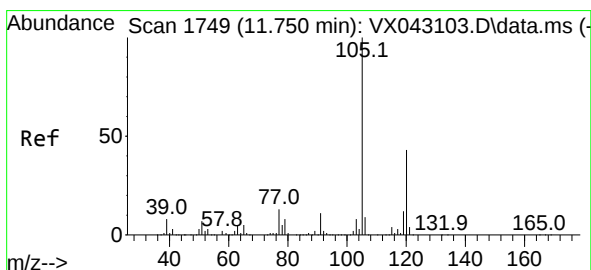
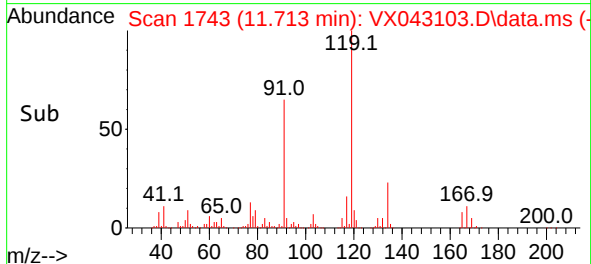
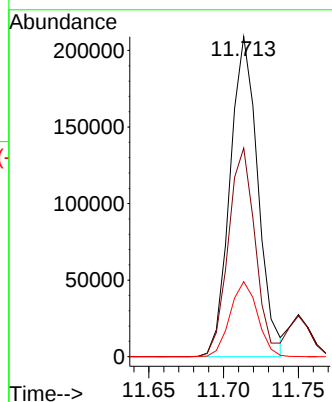
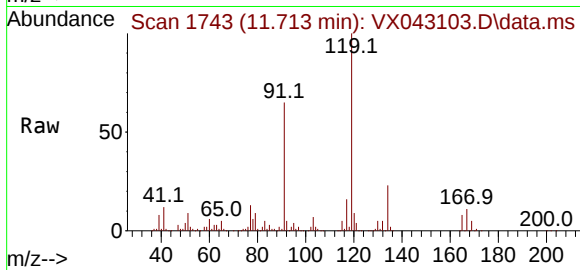
Tgt Ion:119 Resp: 271271

Ion Ratio Lower Upper

119 100

91 63.5 31.8 95.3

134 23.1 11.6 34.7



#84

1,2,4-Trimethylbenzene

Concen: 47.873 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043103.D

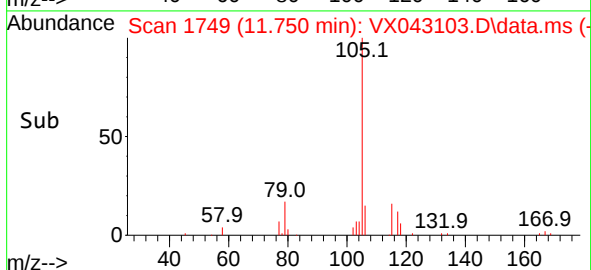
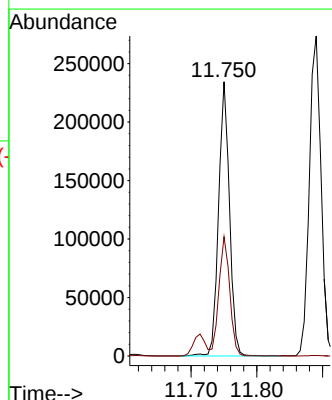
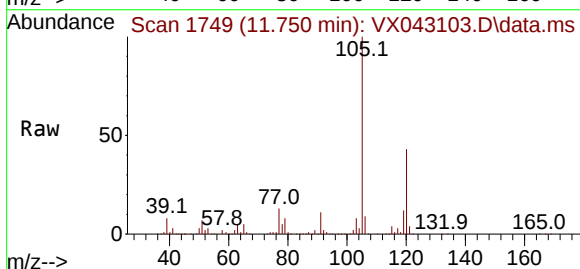
Acq: 23 Sep 2024 09:56

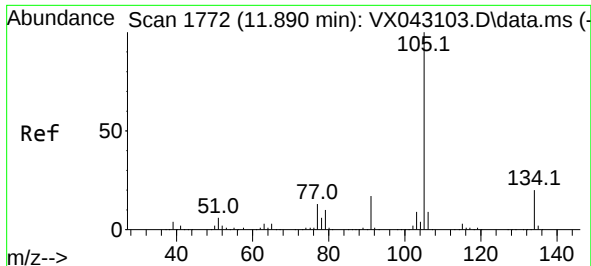
Tgt Ion:105 Resp: 270066

Ion Ratio Lower Upper

105 100

120 43.6 21.8 65.4

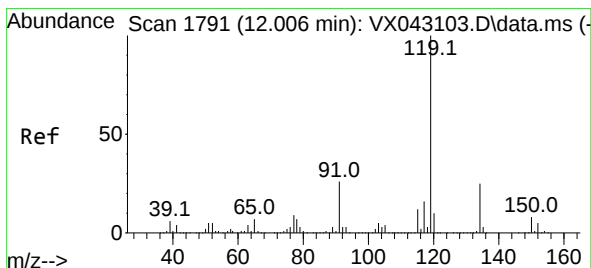
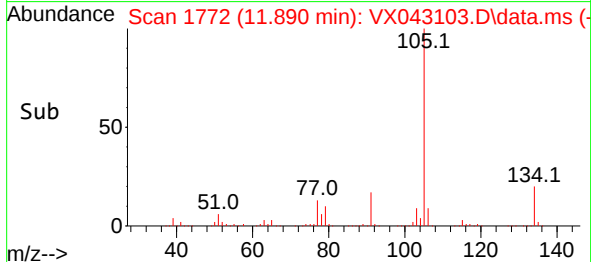
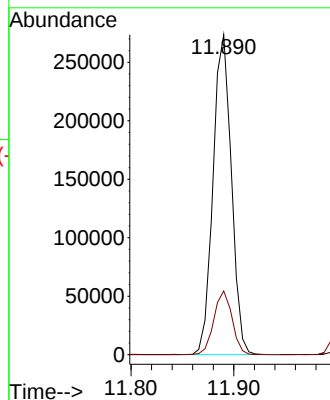
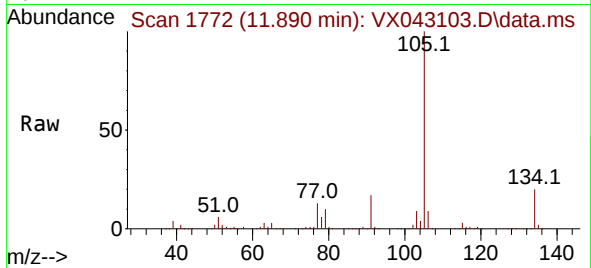




#85
 sec-Butylbenzene
 Concen: 47.090 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

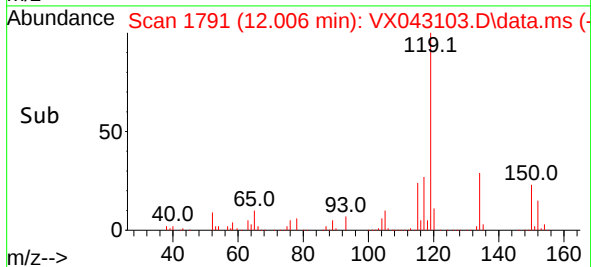
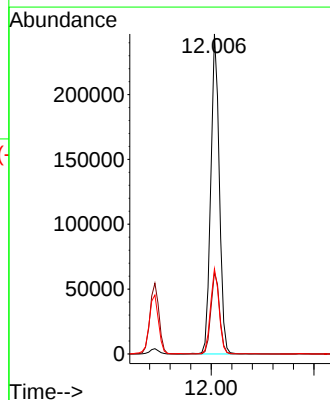
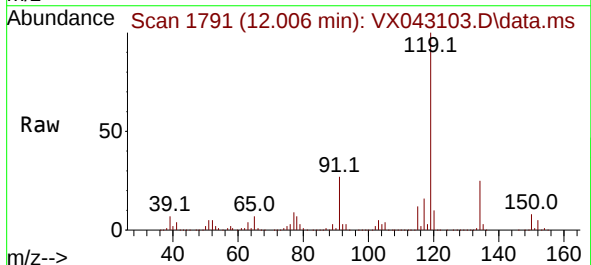
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

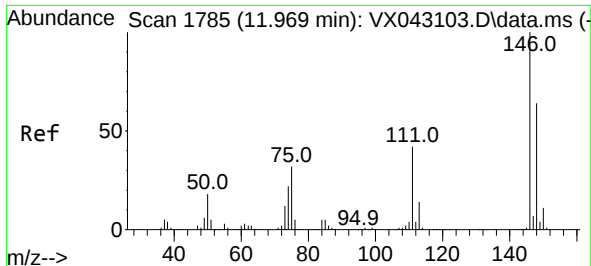
Tgt Ion:105 Resp: 338165
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 47.643 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Tgt Ion:119 Resp: 284049
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 26.5 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 47.442 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

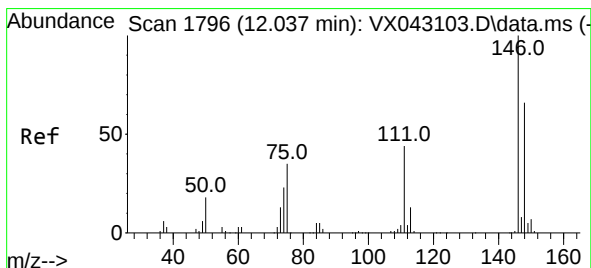
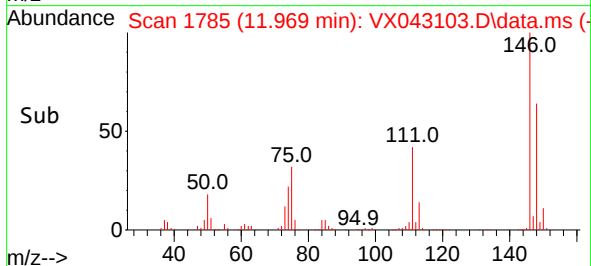
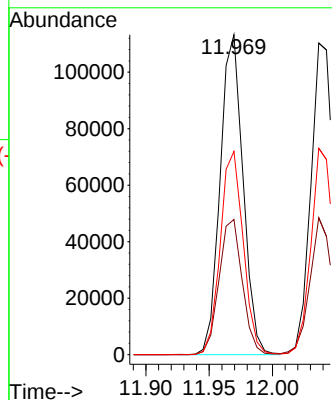
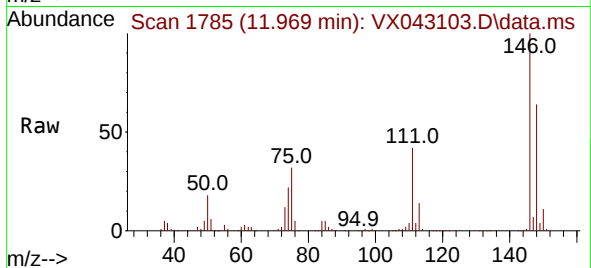
Tgt Ion:146 Resp: 142321

Ion Ratio Lower Upper

146 100

111 43.1 21.6 64.6

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.755 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

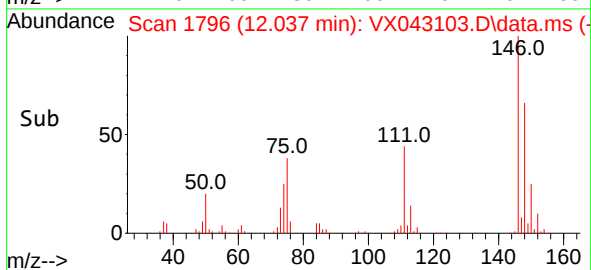
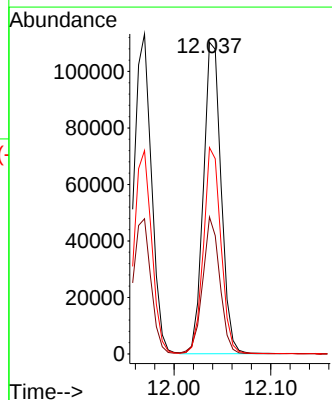
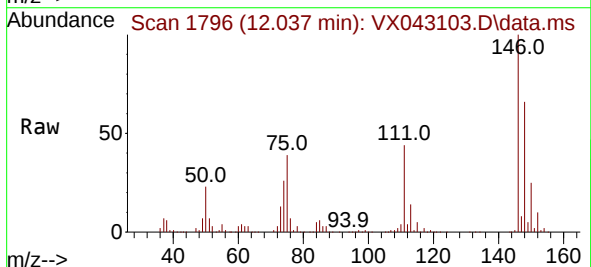
Tgt Ion:146 Resp: 140649

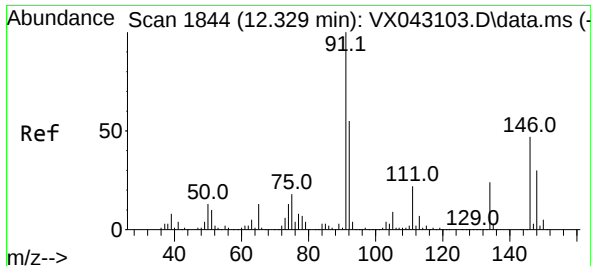
Ion Ratio Lower Upper

146 100

111 42.4 21.2 63.6

148 65.3 32.6 98.0





#89

n-Butylbenzene

Concen: 49.001 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

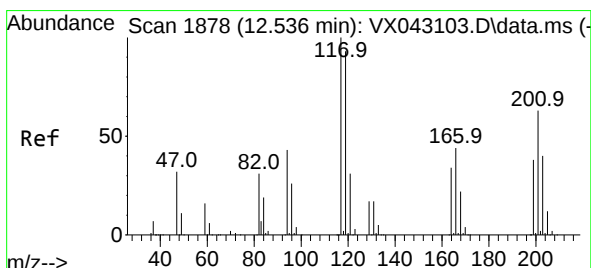
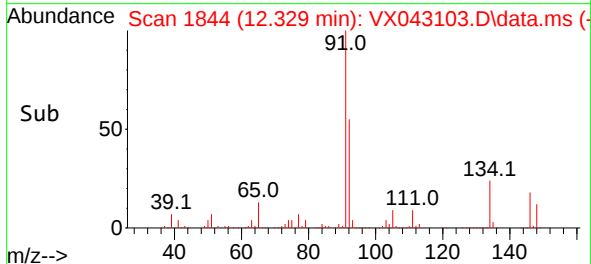
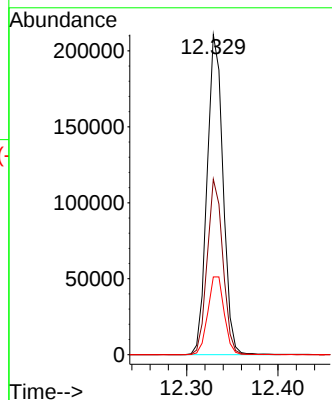
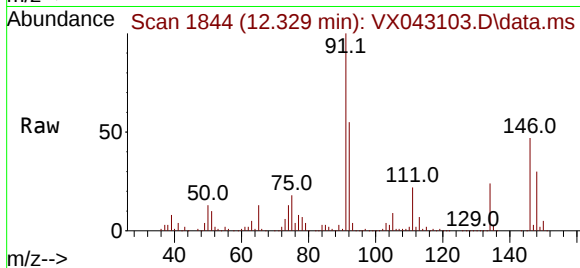
Tgt Ion: 91 Resp: 254607

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 48.679 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043103.D

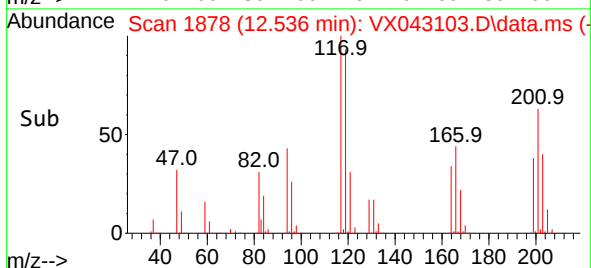
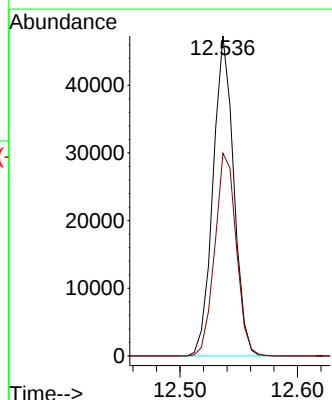
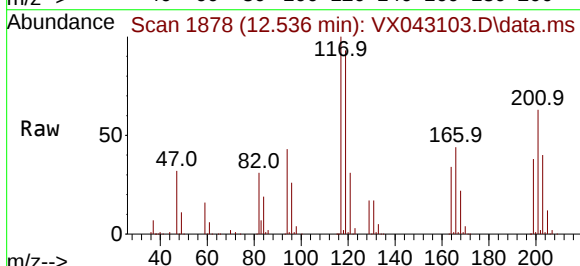
Acq: 23 Sep 2024 09:56

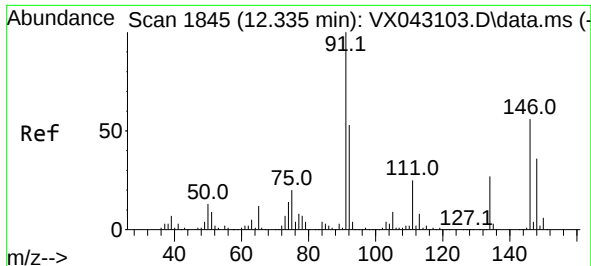
Tgt Ion: 117 Resp: 57839

Ion Ratio Lower Upper

117 100

201 65.7 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 46.857 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

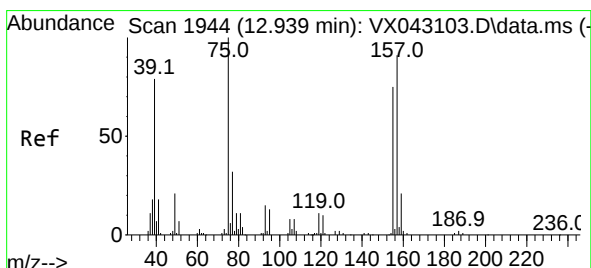
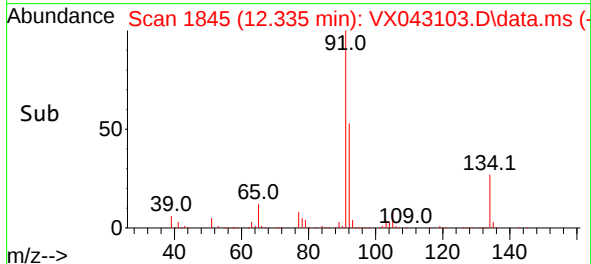
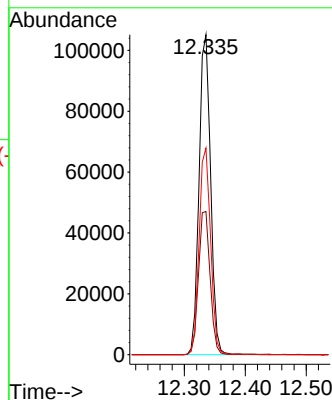
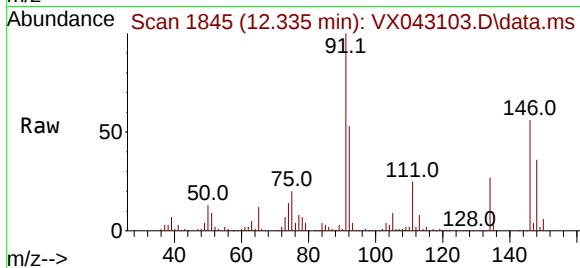
Tgt Ion:146 Resp: 138432

Ion Ratio Lower Upper

146 100

111 45.2 22.6 67.8

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.954 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

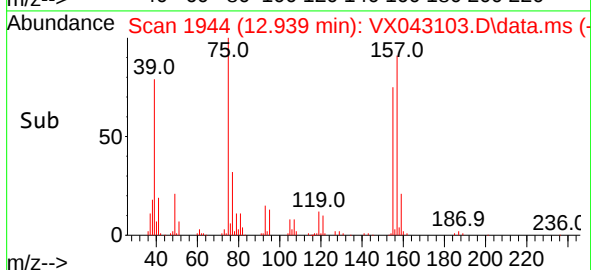
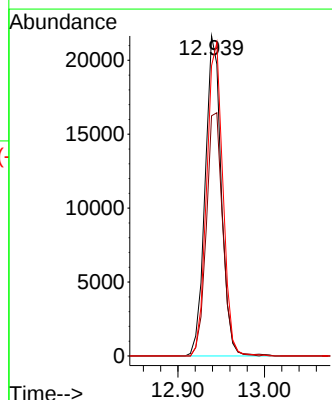
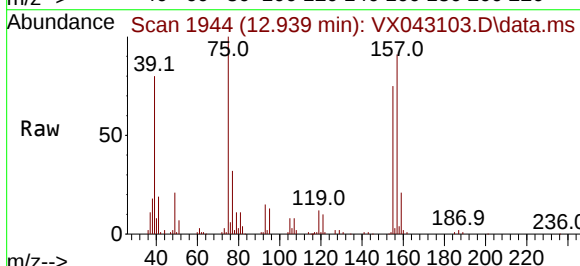
Tgt Ion: 75 Resp: 27996

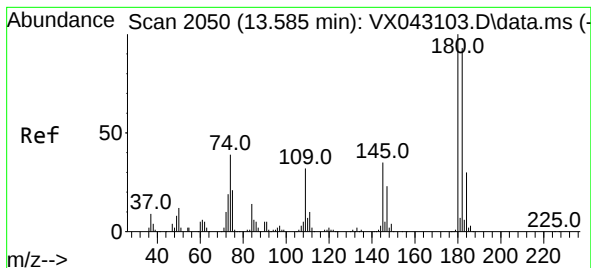
Ion Ratio Lower Upper

75 100

155 77.2 38.6 115.8

157 98.4 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 47.657 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

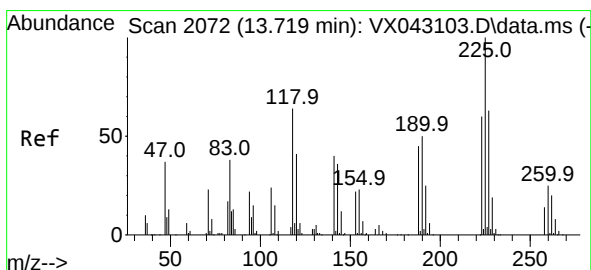
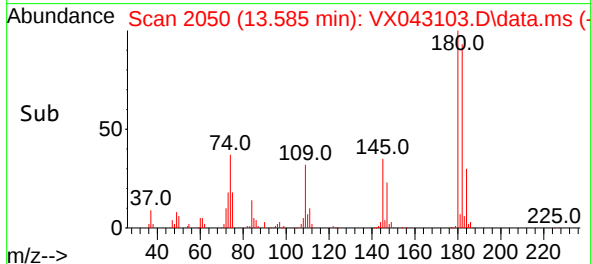
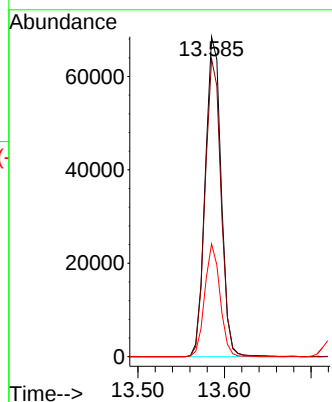
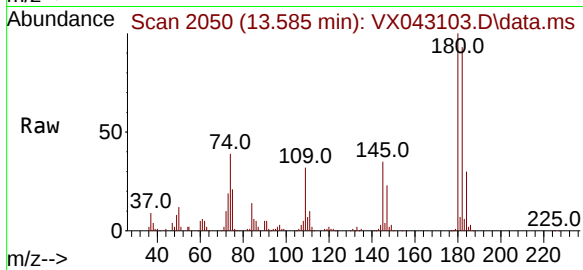
Tgt Ion:180 Resp: 87290

Ion Ratio Lower Upper

180 100

182 93.3 46.7 140.0

145 33.9 17.0 50.9



#94

Hexachlorobutadiene

Concen: 47.219 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

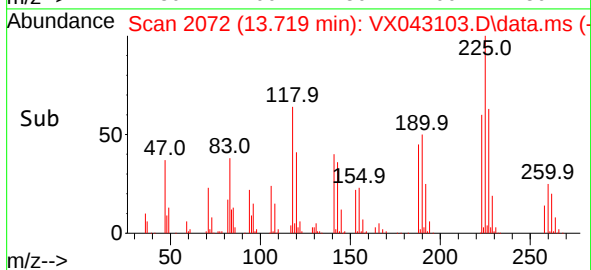
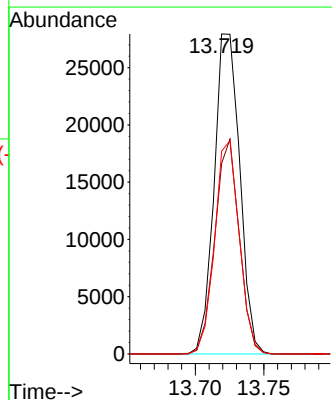
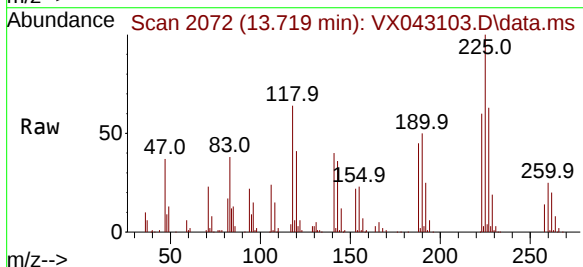
Tgt Ion:225 Resp: 36338

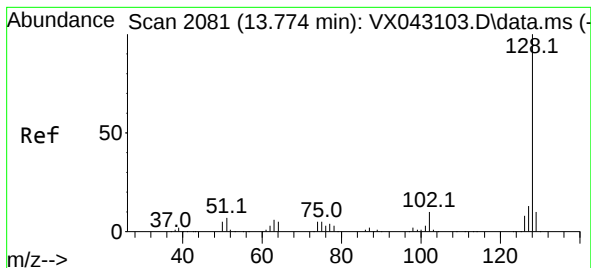
Ion Ratio Lower Upper

225 100

223 63.6 31.8 95.4

227 63.8 31.9 95.7





#95

Naphthalene

Concen: 47.621 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

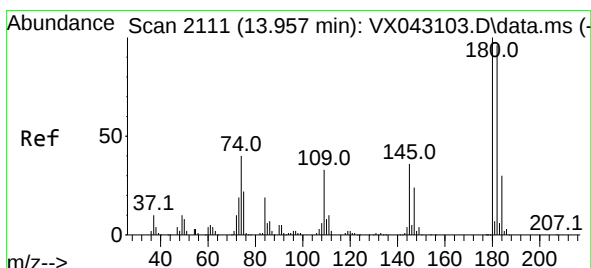
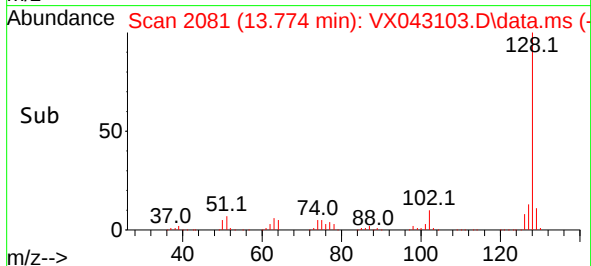
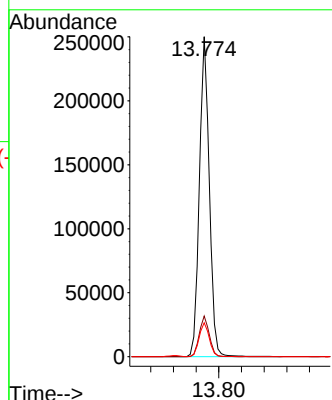
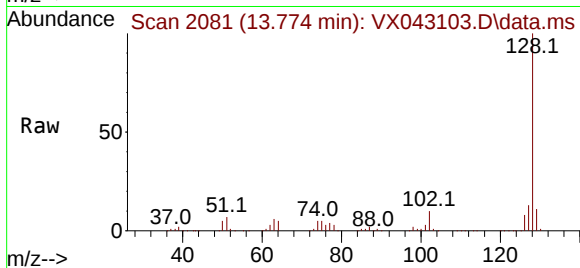
Tgt Ion:128 Resp: 303177

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.659 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Tgt Ion:180 Resp: 86731

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 35.4 17.7 53.1

