

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043564.D
 Acq On : 28 Oct 2024 15:02
 Operator : JC/MD
 Sample : VV1028MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 29 03:23:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57781	43.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	5.385	113	49290	47.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	8.647	98	180594	50.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	60747	45.449	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	413	0.363	ug/l	92
4) Vinyl Chloride	1.374	62	278	0.264	ug/l #	43
5) Bromomethane	1.599	94	631	1.467	ug/l #	54
6) Chloroethane	1.672	64	273	0.735	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.313	101	326	0.374	ug/l #	68
10) Methyl Iodide	2.441	142	1060	0.842	ug/l #	85
11) Tert butyl alcohol	3.020	59	98	0.396	ug/l #	100
13) Acrolein	2.233	56	119	0.615	ug/l #	1
14) Allyl chloride	2.660	41	381	0.247	ug/l #	6
15) Acrylonitrile	3.093	53	574	1.027	ug/l #	70
16) Acetone	2.398	43	1037	1.970	ug/l	93
17) Carbon Disulfide	2.495	76	1493	0.802	ug/l #	75
18) Methyl Acetate	2.715	43	977	0.635	ug/l #	51
20) Methylene Chloride	2.788	84	461	0.406	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	459	0.488	ug/l #	84
23) Vinyl Acetate	3.751	43	1488	0.566	ug/l #	71
25) 2-Butanone	4.617	43	279	0.363	ug/l #	49
27) cis-1,2-Dichloroethene	4.495	96	364	0.303	ug/l	62
29) Tetrahydrofuran	5.038	42	225	0.451	ug/l #	59
31) Cyclohexane	5.464	56	429	0.307	ug/l #	63
38) Carbon Tetrachloride	5.544	117	9155	6.706	ug/l #	15
39) Methylcyclohexane	7.379	83	451	0.294	ug/l #	87
40) Benzene	6.031	78	1041	0.253	ug/l #	53
44) Trichloroethene	7.135	130	459	0.448	ug/l	86
46) Dibromomethane	7.580	93	202	0.258	ug/l #	35
47) Bromodichloromethane	7.824	83	282	0.206	ug/l #	24
51) 4-Methyl-2-Pentanone	8.580	43	472	0.312	ug/l	92
52) Toluene	8.720	92	693	0.277	ug/l	78
53) t-1,3-Dichloropropene	9.000	75	327	0.222	ug/l #	42
54) cis-1,3-Dichloropropene	8.372	75	394	0.251	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.263	63	185	0.226	ug/l #	45
59) 2-Hexanone	9.464	43	454	0.395	ug/l #	60
61) 1,2-Dibromoethane	9.622	107	307	0.284	ug/l #	79
64) Tetrachloroethene	9.269	164	484	0.585	ug/l #	56
65) Chlorobenzene	10.079	112	1232	0.435	ug/l	94
67) Ethyl Benzene	10.201	91	1555	0.337	ug/l	98

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Quant Time: Oct 29 03:23:13 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

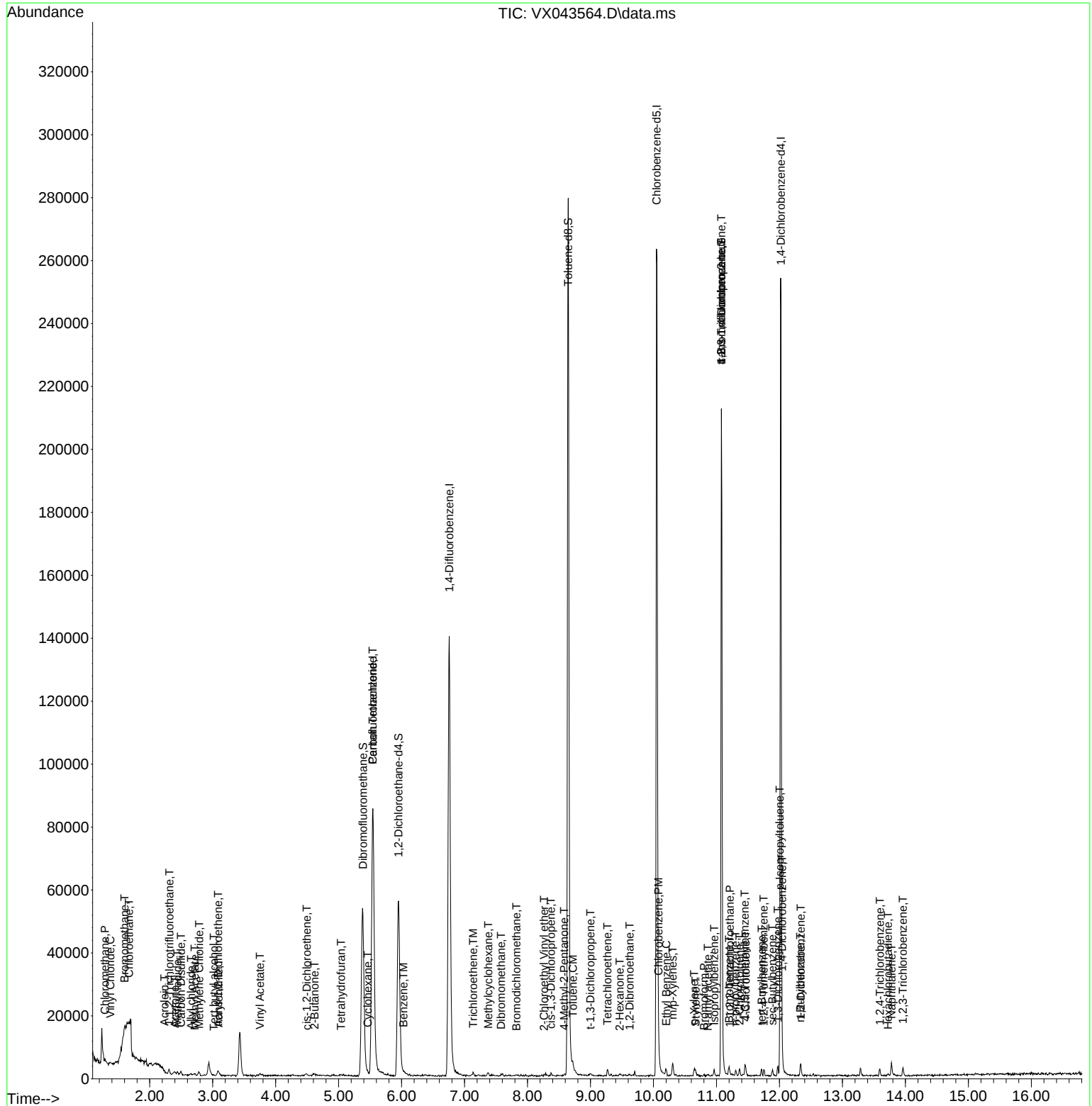
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

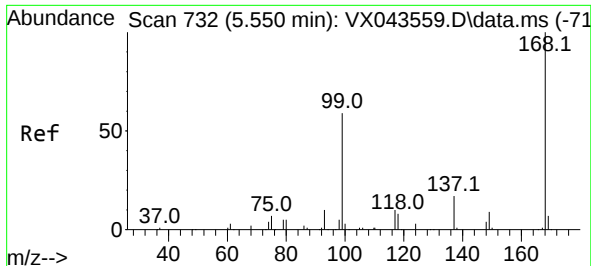
68) m/p-Xylenes	10.305	106	1125	0.638	ug/l	90
69) o-Xylene	10.646	106	541	0.305	ug/l	95
70) Styrene	10.671	104	909	0.309	ug/l #	86
71) Bromoform	10.805	173	142	0.214	ug/l #	30
73) Isopropylbenzene	10.963	105	1083	0.279	ug/l	90
74) N-amyl acetate	10.866	43	384	0.203	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	11.213	83	281	0.201	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	30467	26.018	ug/l #	34
77) Bromobenzene	11.201	156	510	0.509	ug/l	93
78) n-propylbenzene	11.305	91	1717	0.406	ug/l	88
79) 2-Chlorotoluene	11.366	91	1426	0.508	ug/l	86
80) 1,3,5-Trimethylbenzene	11.451	105	1131	0.350	ug/l	85
81) trans-1,4-Dichloro-2-b...	11.079	75	30467	71.577	ug/l #	7
82) 4-Chlorotoluene	11.463	91	1890	0.600	ug/l	92
83) tert-Butylbenzene	11.719	119	1034	0.314	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1138	0.345	ug/l	84
85) sec-Butylbenzene	11.890	105	1363	0.353	ug/l	91
86) p-Isopropyltoluene	12.006	119	1043	0.318	ug/l #	76
87) 1,3-Dichlorobenzene	11.975	146	1261	0.702	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	1355	0.728	ug/l	85
89) n-Butylbenzene	12.329	91	1348	0.505	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	897	0.489	ug/l	89
93) 1,2,4-Trichlorobenzene	13.597	180	818	0.734	ug/l	96
94) Hexachlorobutadiene	13.725	225	176	0.428	ug/l	75
95) Naphthalene	13.780	128	3710	0.870	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	971	0.826	ug/l	90

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

Instrument :
MSVOA_X
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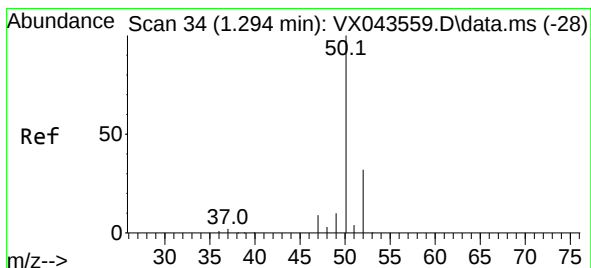
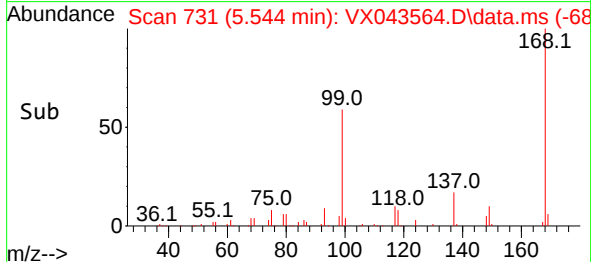
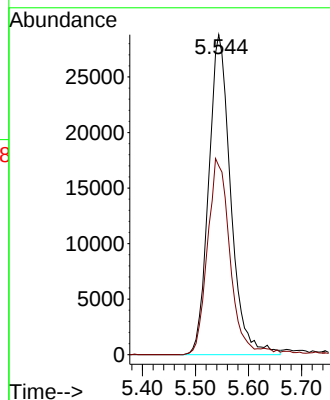
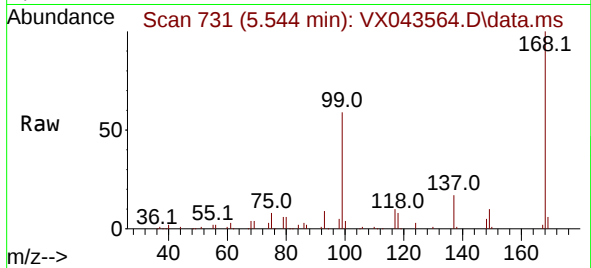




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

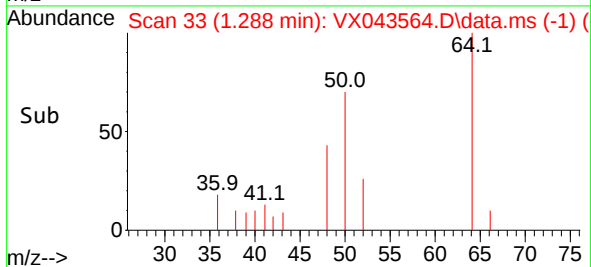
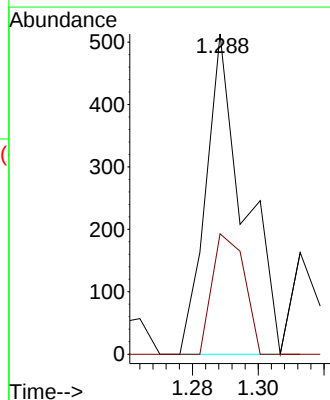
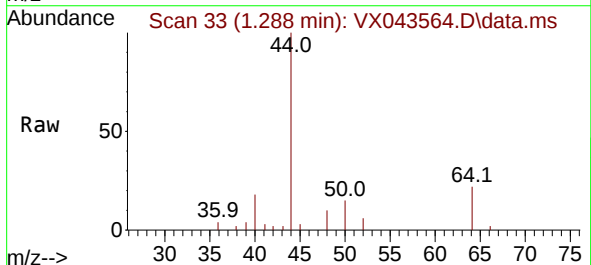
Instrument :
MSVOA_X
ClientSampleId :

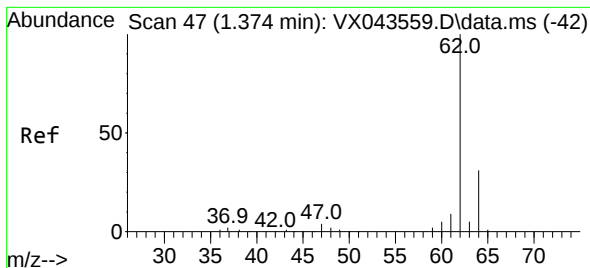
Tgt Ion:168 Resp: 83137
Ion Ratio Lower Upper
168 100
99 59.0 52.6 78.8



#3
Chloromethane
Concen: 0.363 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 37.6 26.3 39.5





#4

Vinyl Chloride

Concen: 0.264 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

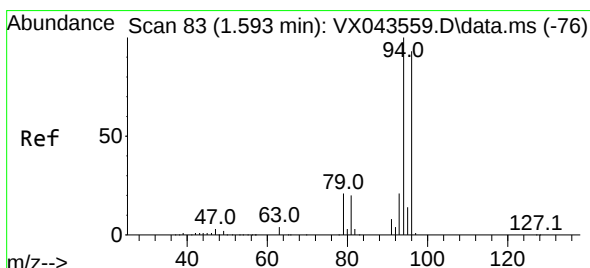
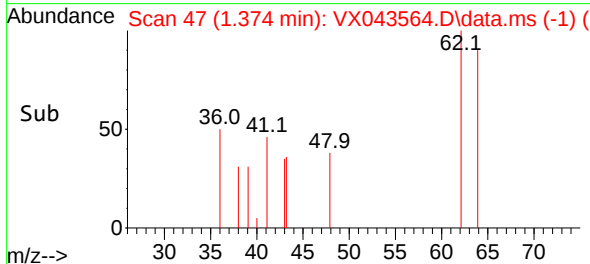
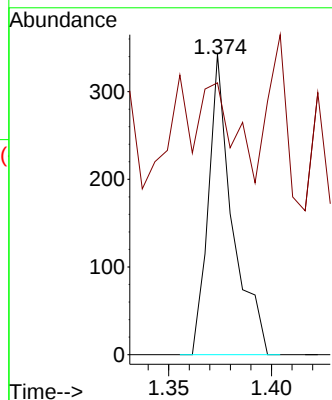
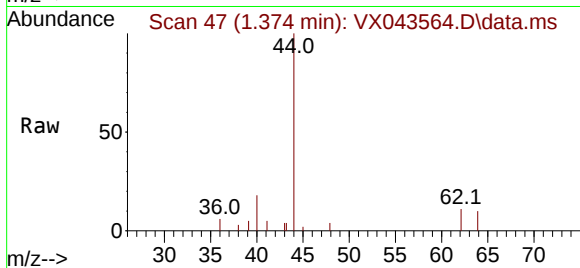
ClientSampleId :

Tgt Ion: 62 Resp: 278

Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.4#



#5

Bromomethane

Concen: 1.467 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX043564.D

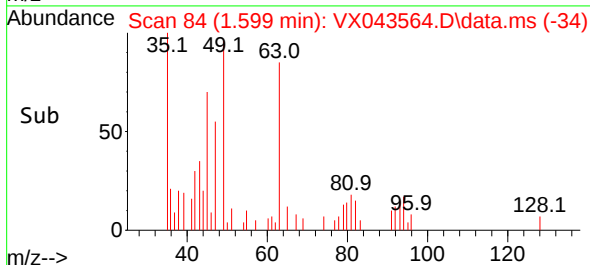
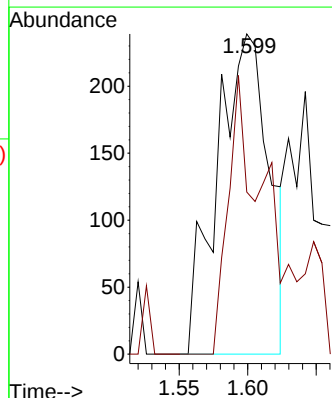
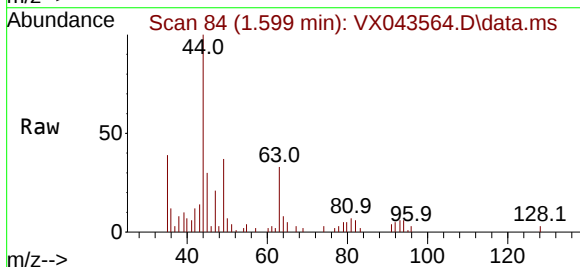
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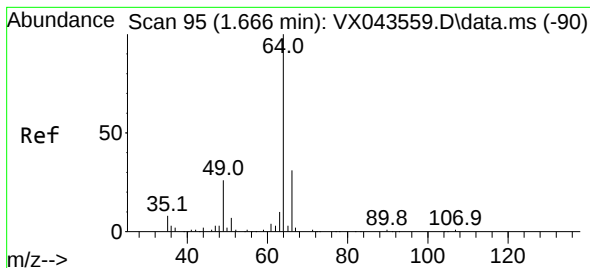
Tgt Ion: 94 Resp: 631

Ion Ratio Lower Upper

94 100

96 50.6 75.9 113.9#





#6

Chloroethane

Concen: 0.735 ug/l

RT: 1.672 min Scan# 90

Delta R.T. 0.012 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

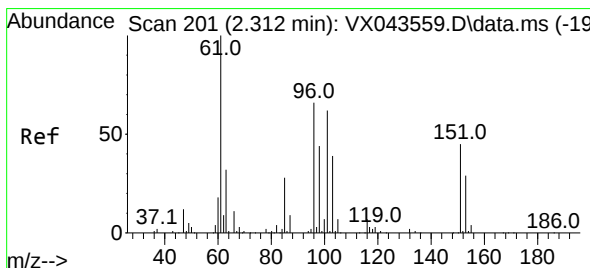
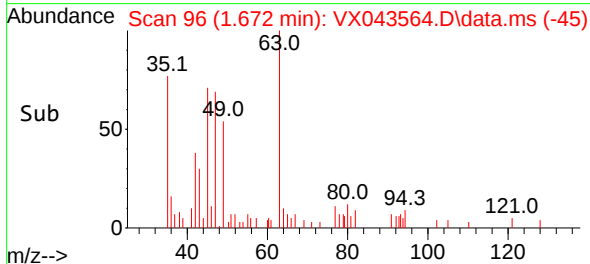
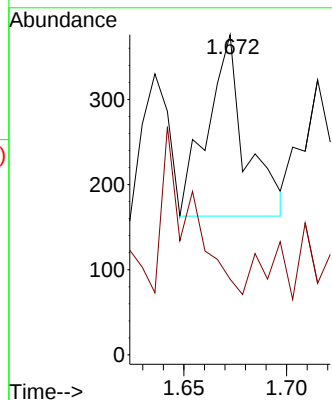
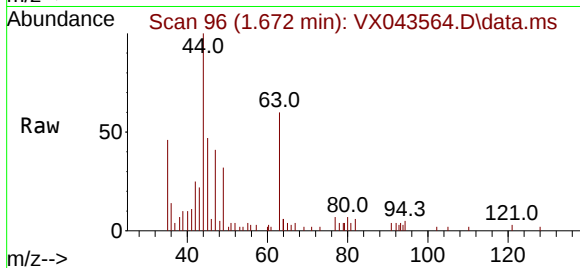
ClientSampleId :

Tgt Ion: 64 Resp: 273

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.374 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

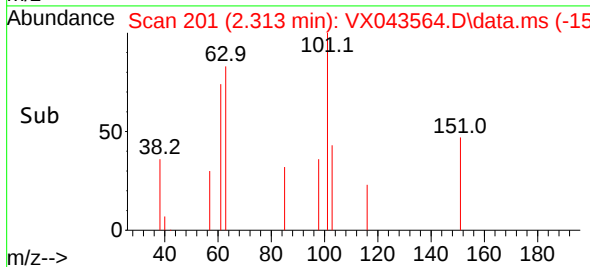
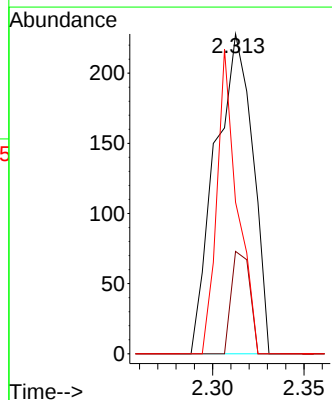
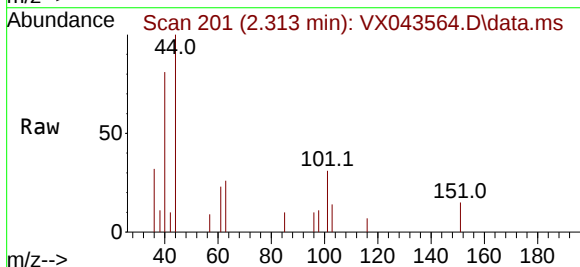
Tgt Ion: 101 Resp: 326

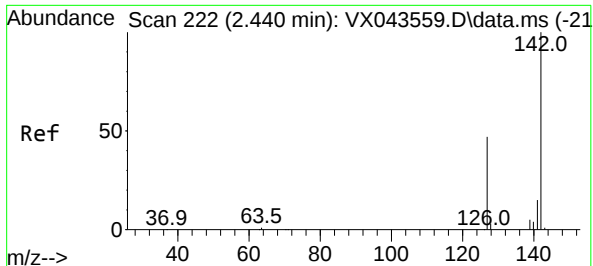
Ion Ratio Lower Upper

101 100

85 15.6 34.5 51.7#

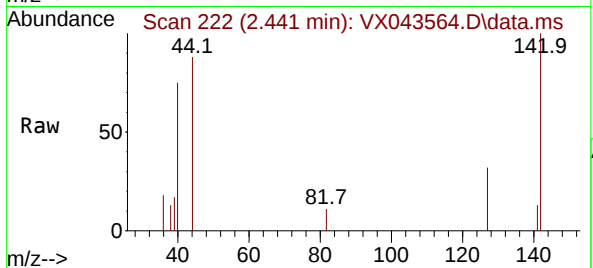
151 51.8 58.2 87.2#



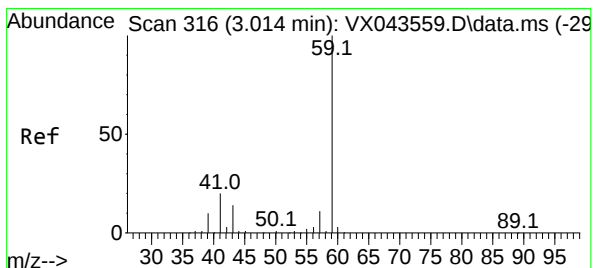
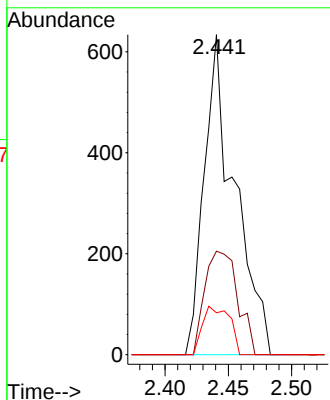
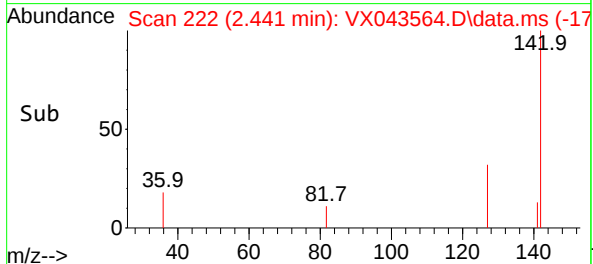


#10
Methyl Iodide
Concen: 0.842 ug/l
RT: 2.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

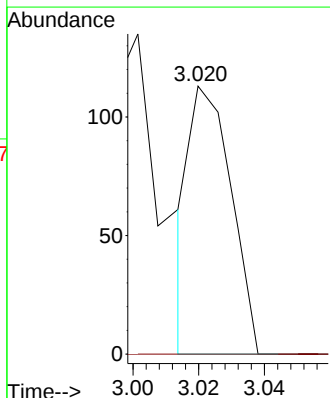
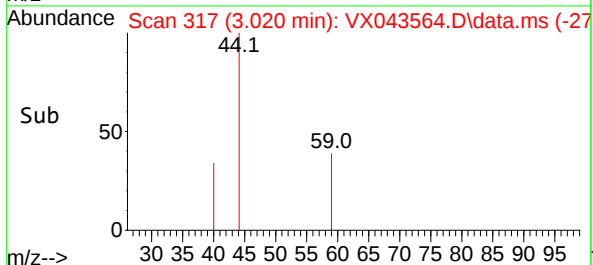
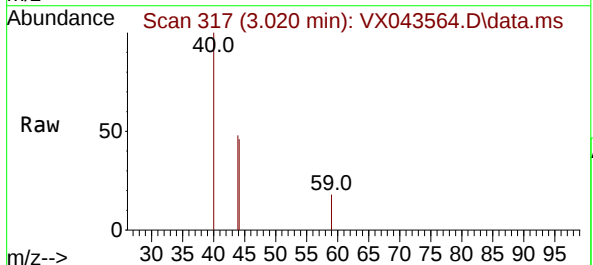


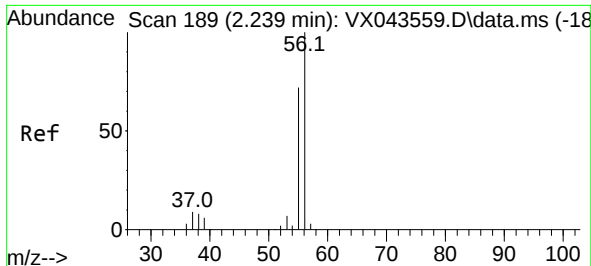
Tgt Ion:142 Resp: 1060
Ion Ratio Lower Upper
142 100
127 35.0 38.2 57.4#
141 13.4 11.5 17.3



#11
Tert butyl alcohol
Concen: 0.396 ug/l
RT: 3.020 min Scan# 317
Delta R.T. -0.030 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

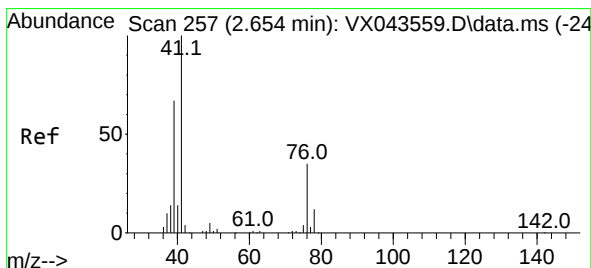
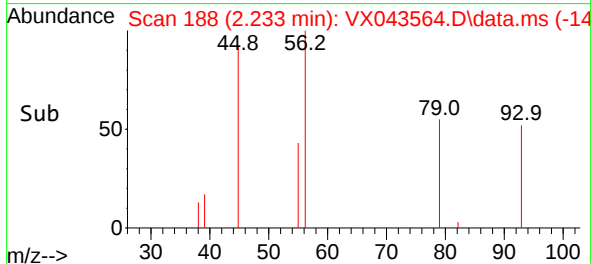
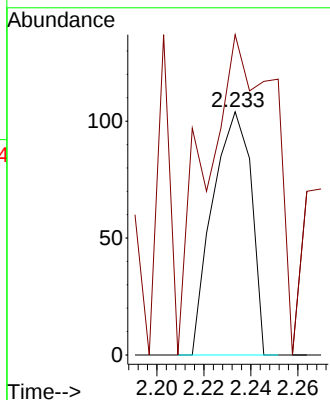
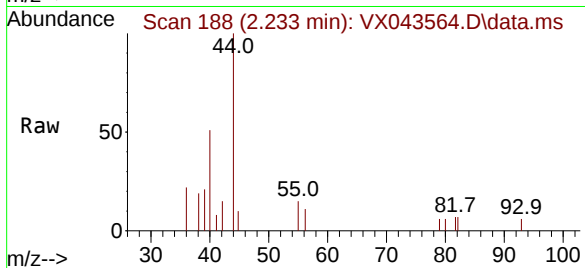




#13
Acrolein
Concen: 0.615 ug/l
RT: 2.233 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

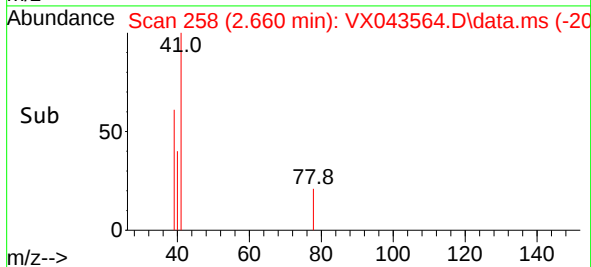
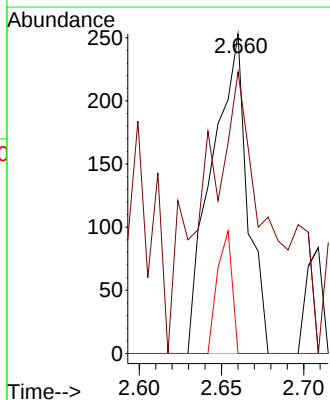
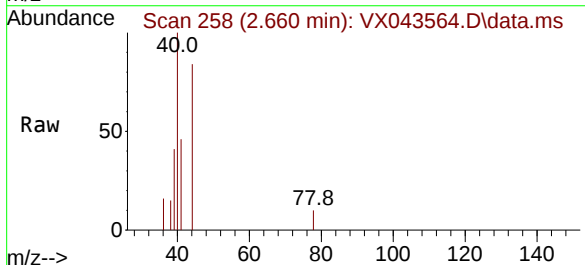
Instrument :
MSVOA_X
ClientSampleId :

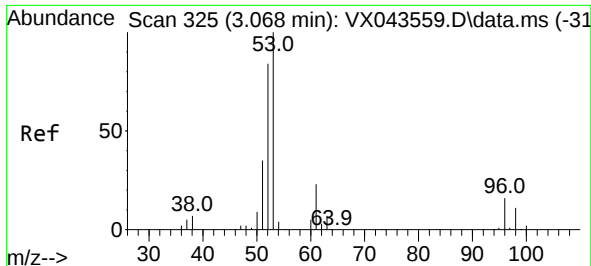
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 230.3 55.3 82.9#



#14
Allyl chloride
Concen: 0.247 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 41 Resp: 381
Ion Ratio Lower Upper
41 100
39 166.7 53.2 79.8#
76 15.7 27.0 40.6#





#15

Acrylonitrile

Concen: 1.027 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX043564.D

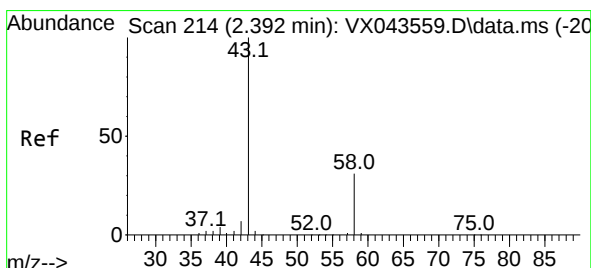
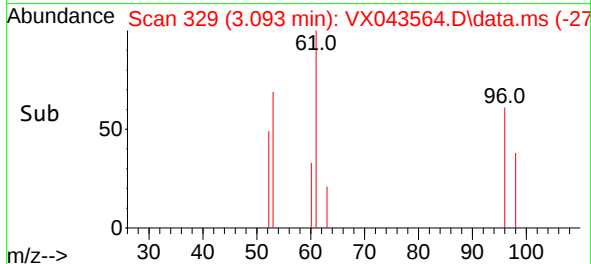
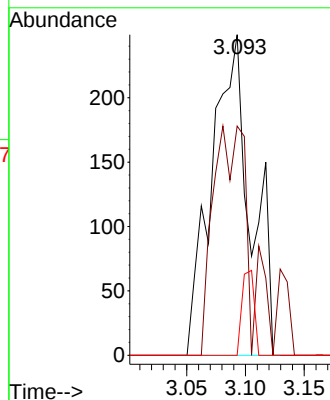
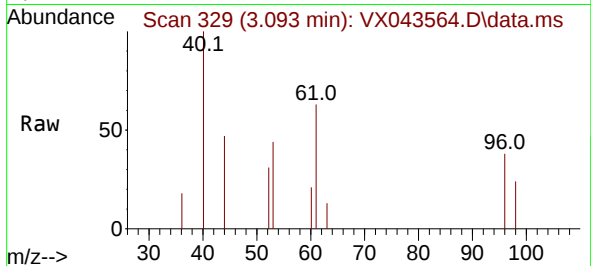
Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 53	Resp: 574
Ion Ratio	Lower Upper
53	100
52	66.7 65.8 98.6
51	0.0 28.5 42.7#



#16

Acetone

Concen: 1.970 ug/l

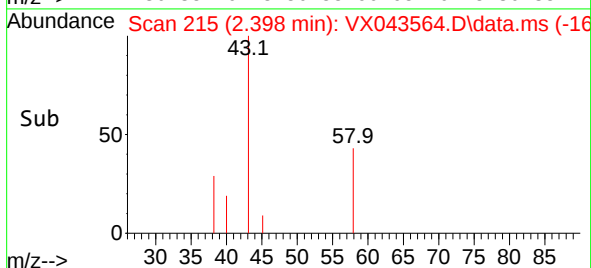
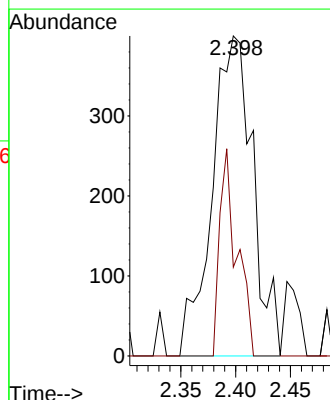
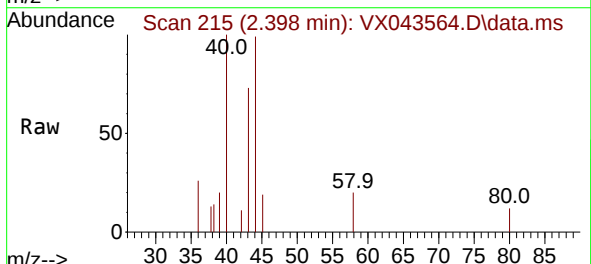
RT: 2.398 min Scan# 215

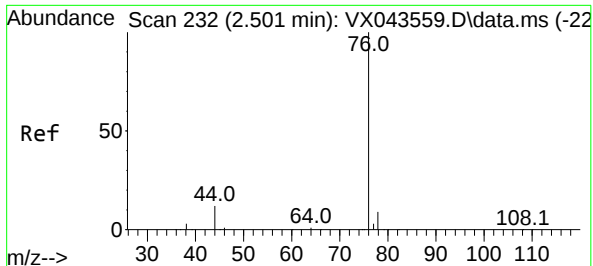
Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Tgt Ion: 43	Resp: 1037
Ion Ratio	Lower Upper
43	100
58	27.7 25.1 37.7

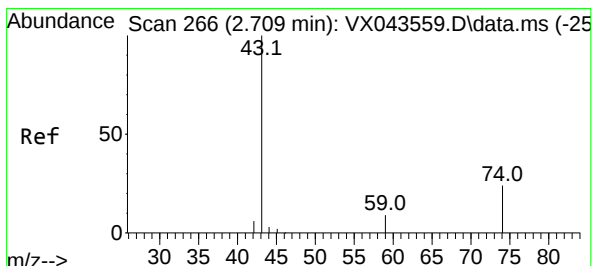
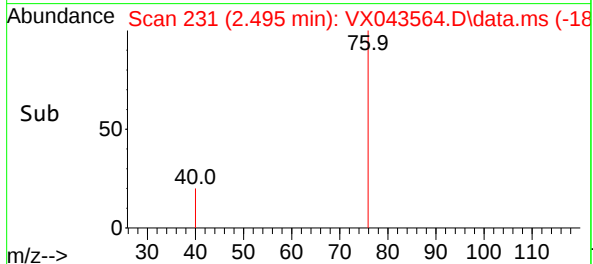
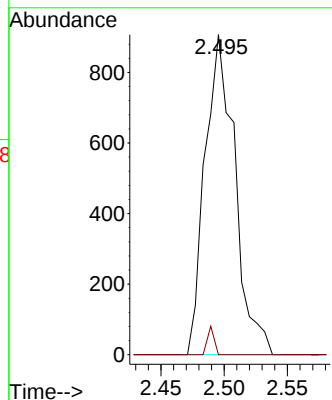
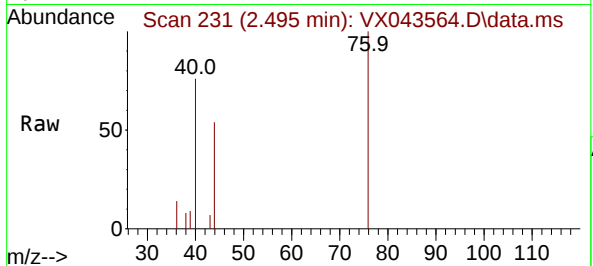




#17
Carbon Disulfide
Concen: 0.802 ug/l
RT: 2.495 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

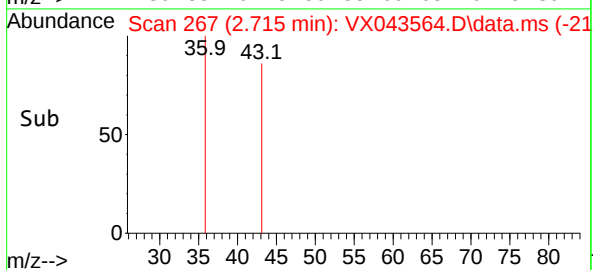
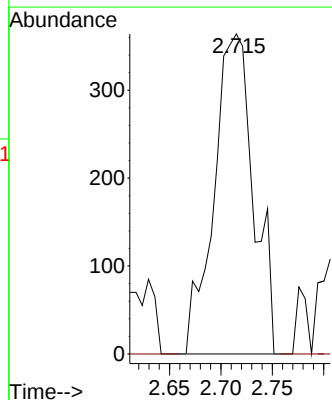
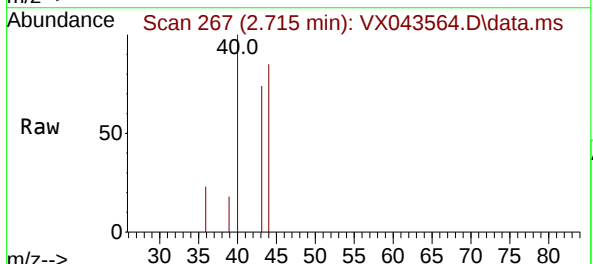
Instrument :
MSVOA_X
ClientSampleId :

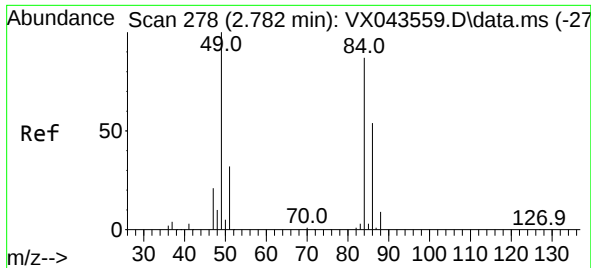
Tgt Ion: 76 Resp: 1493
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.635 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

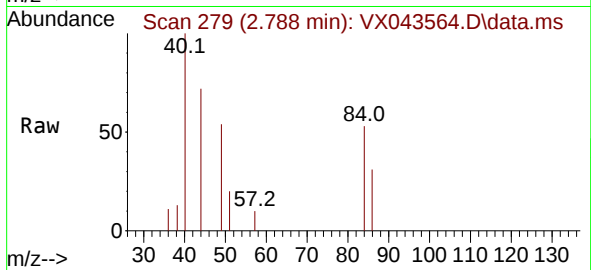
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



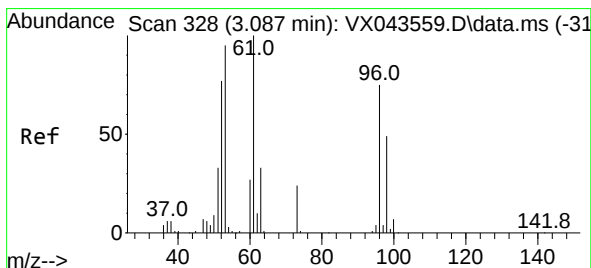
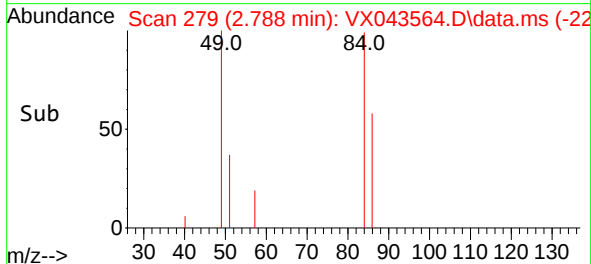
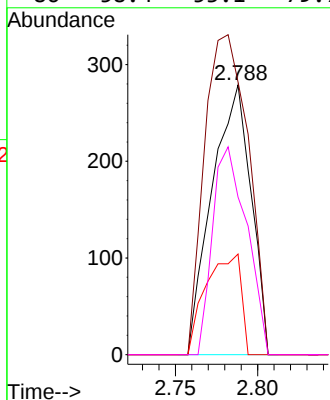


#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

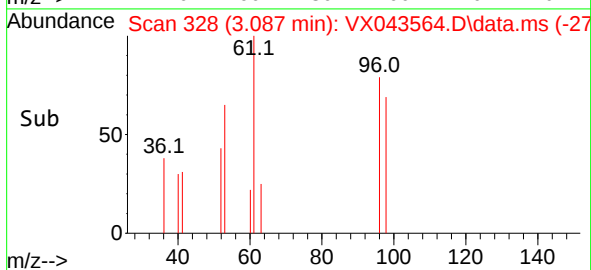
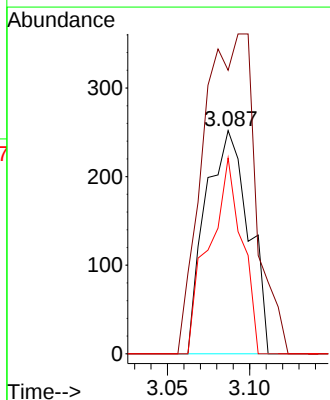
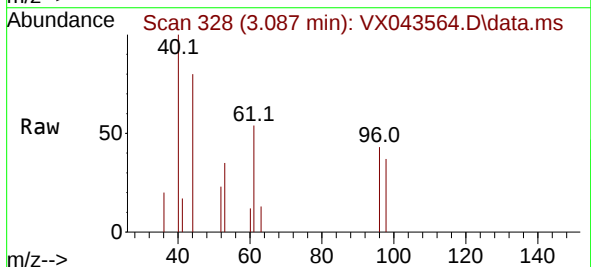


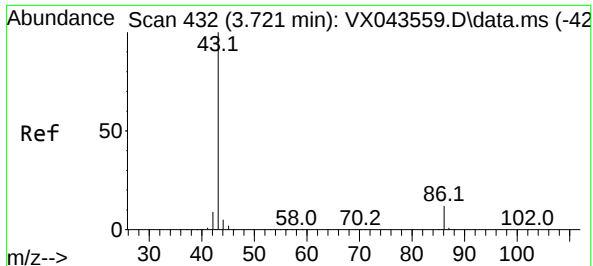
Tgt Ion: 84	Resp: 461
Ion Ratio	Lower Upper
84 100	
49 101.1	97.0 145.6
51 37.3	29.8 44.8
86 58.4	53.1 79.7



#21
trans-1,2-Dichloroethene
Concen: 0.488 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 96	Resp: 459
Ion Ratio	Lower Upper
96 100	
61 127.0	107.1 160.7
98 87.7	47.7 71.5#

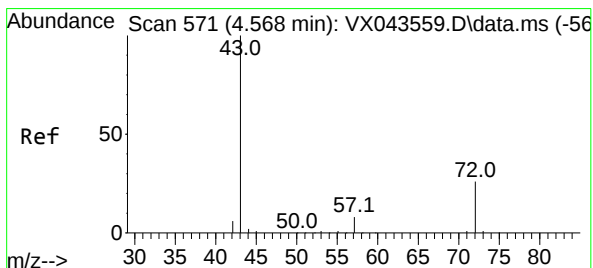
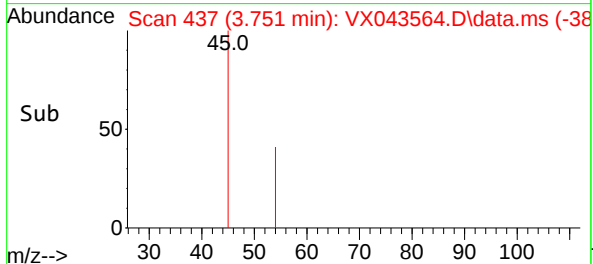
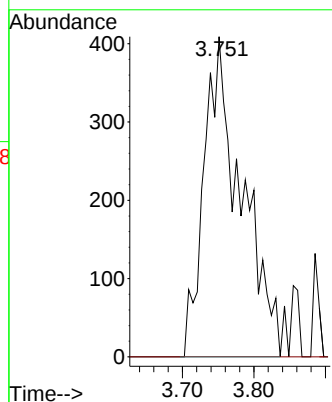
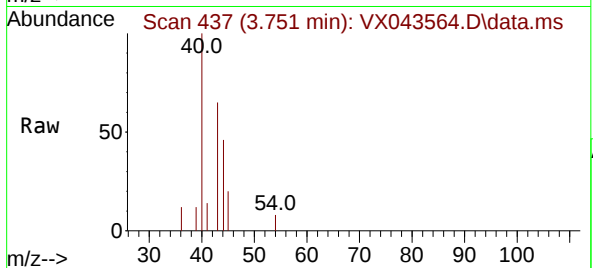




#23
 Vinyl Acetate
 Concen: 0.566 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.031 min
 Lab File: VX043564.D
 Acq: 28 Oct 2024 15:02

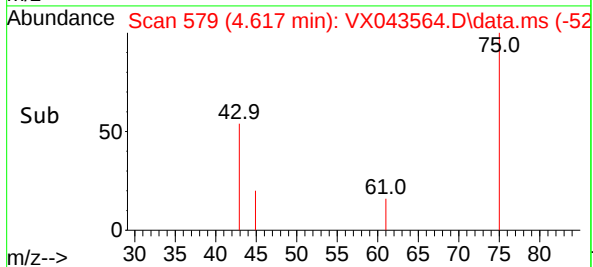
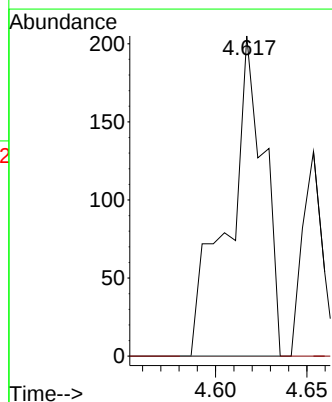
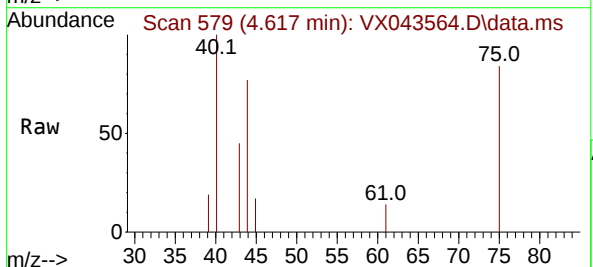
Instrument :
 MSVOA_X
 ClientSampleId :

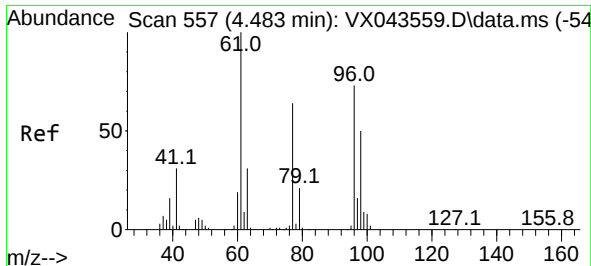
Tgt Ion: 43 Resp: 1488
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.4#



#25
 2-Butanone
 Concen: 0.363 ug/l
 RT: 4.617 min Scan# 579
 Delta R.T. 0.049 min
 Lab File: VX043564.D
 Acq: 28 Oct 2024 15:02

Tgt Ion: 43 Resp: 279
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.1 31.7#





#27

cis-1,2-Dichloroethene

Concen: 0.303 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

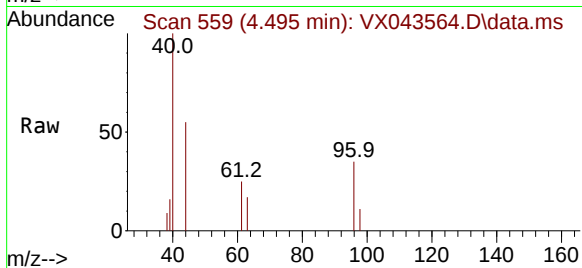
Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

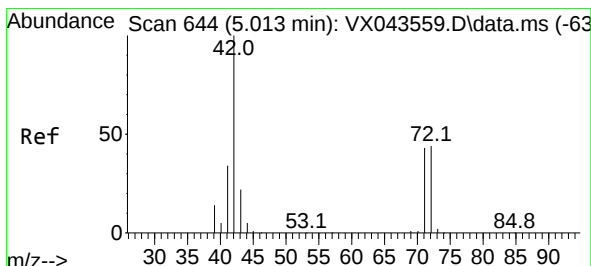
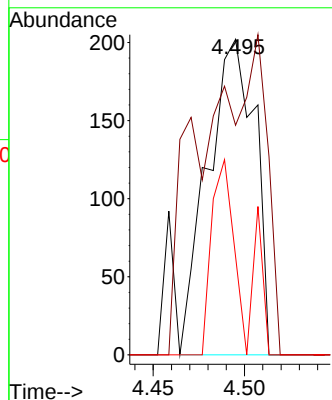
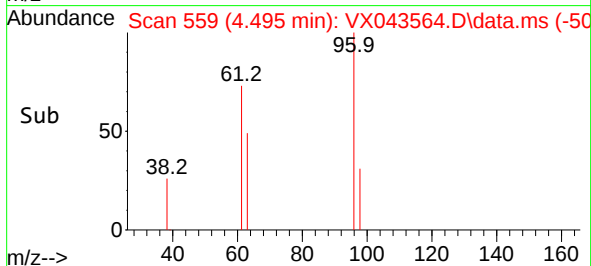
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 96	Resp:	364
Ion	Ratio	Lower Upper
96	100	
61	97.3	0.0 277.2
98	28.8	0.0 131.6



#29

Tetrahydrofuran

Concen: 0.451 ug/l

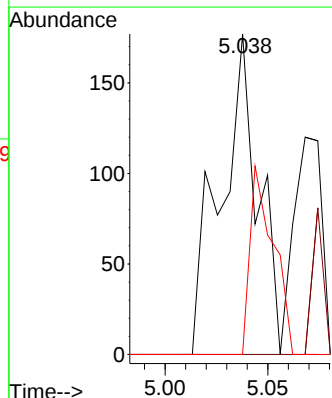
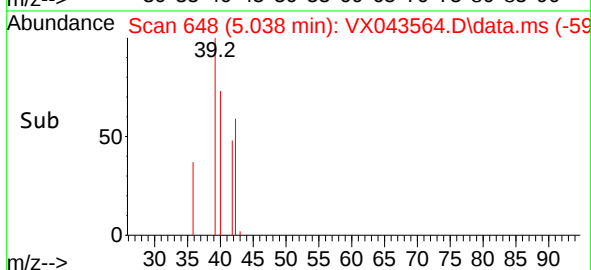
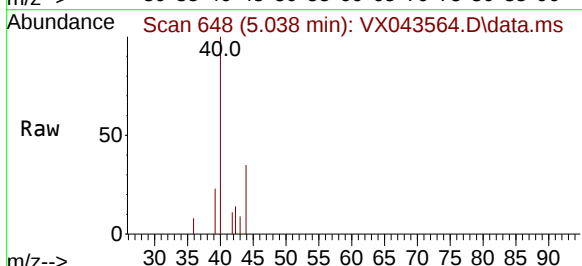
RT: 5.038 min Scan# 648

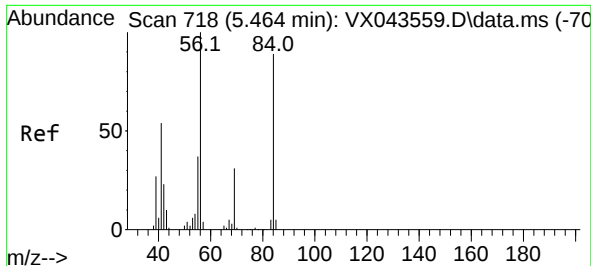
Delta R.T. 0.025 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

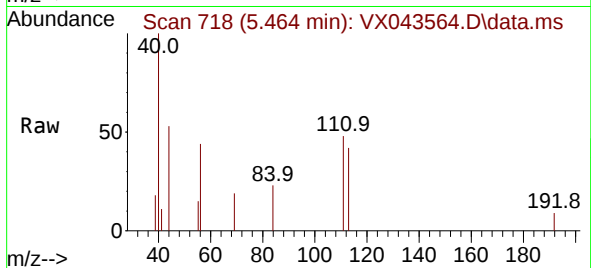
Tgt Ion: 42	Resp:	225
Ion	Ratio	Lower Upper
42	100	
72	0.0	36.6 55.0#
71	36.4	34.2 51.4



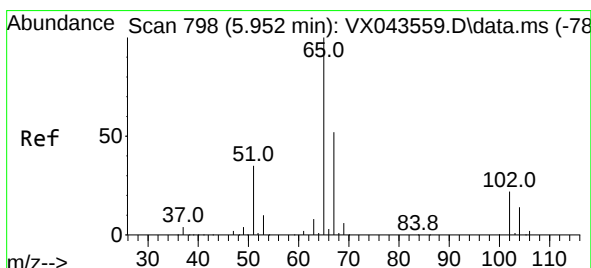
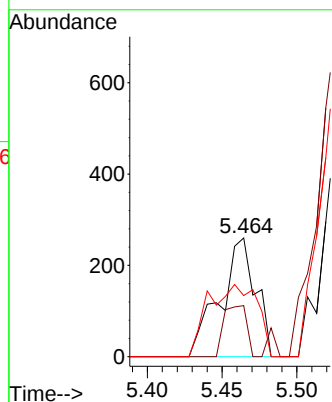
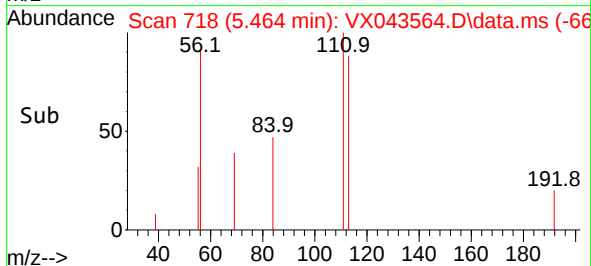


#31
Cyclohexane
Concen: 0.307 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

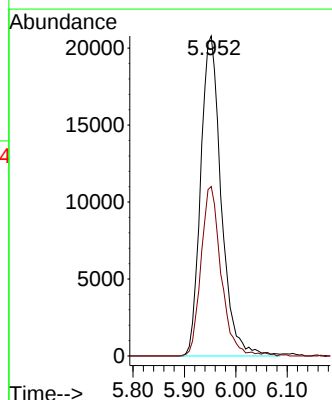
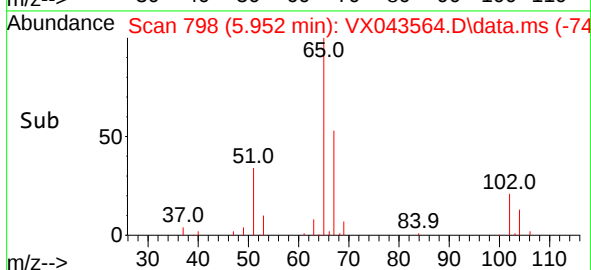
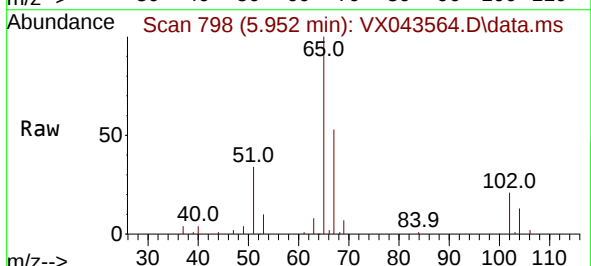


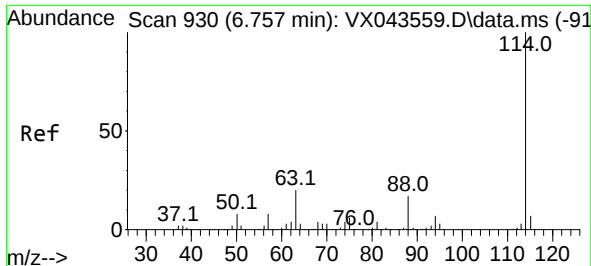
Tgt Ion: 56 Resp: 429
Ion Ratio Lower Upper
56 100
69 43.1 24.9 37.3#
84 51.5 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 43.587 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

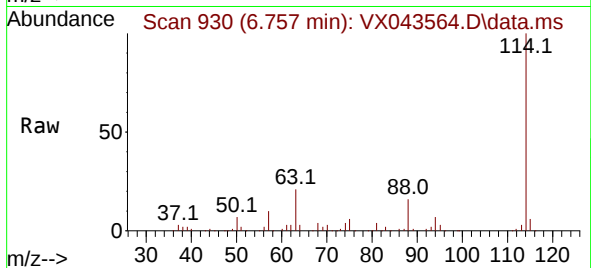
Tgt Ion: 65 Resp: 57781
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



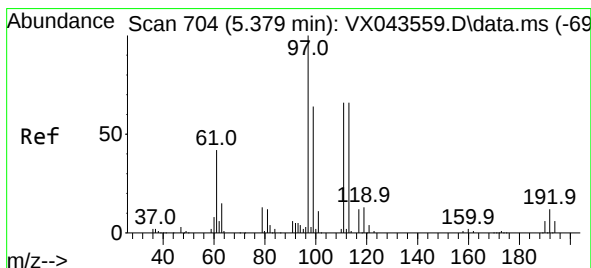
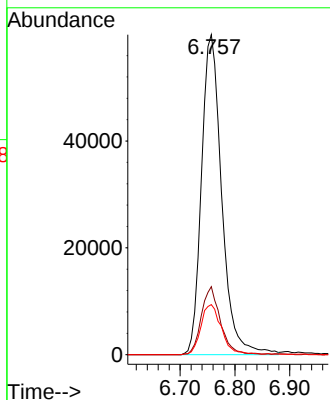
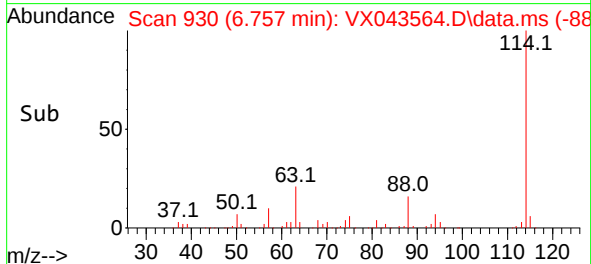


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

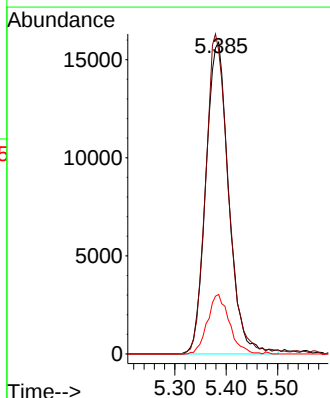
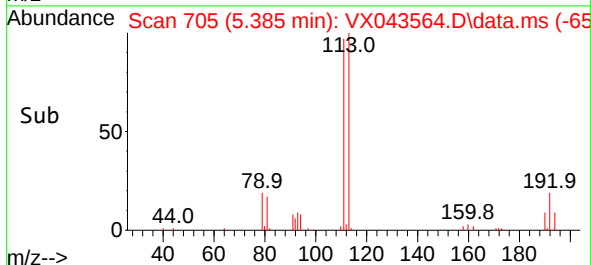
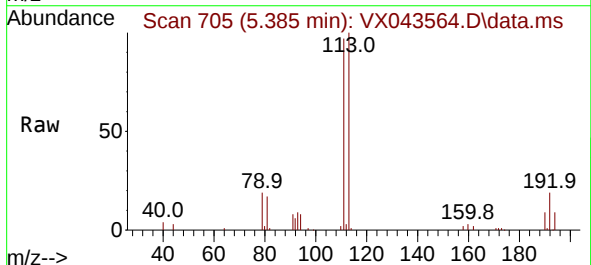


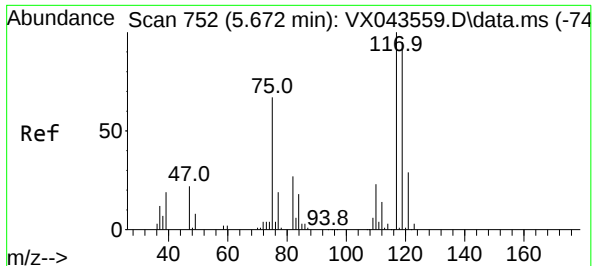
Tgt Ion:114 Resp: 153667
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.2
88 15.6 0.0 34.0



#35
Dibromofluoromethane
Concen: 47.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

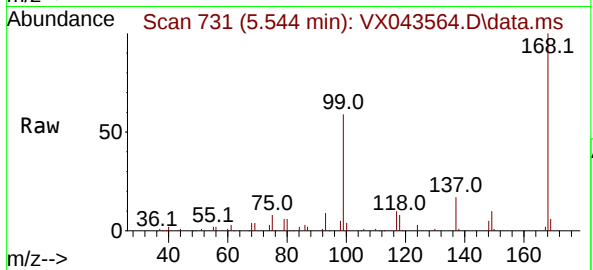
Tgt Ion:113 Resp: 49290
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 18.2 14.1 21.1



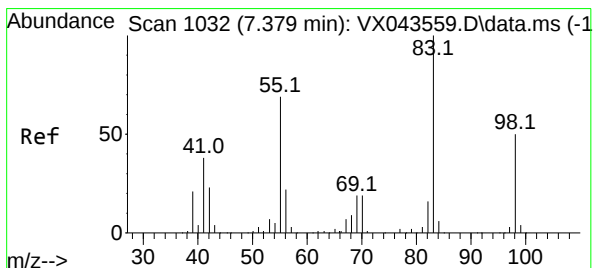
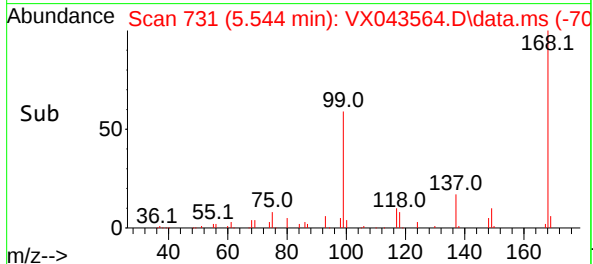
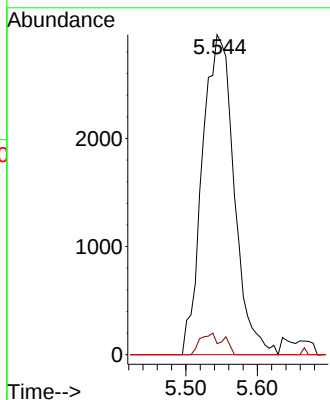


#38
Carbon Tetrachloride
Concen: 6.706 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

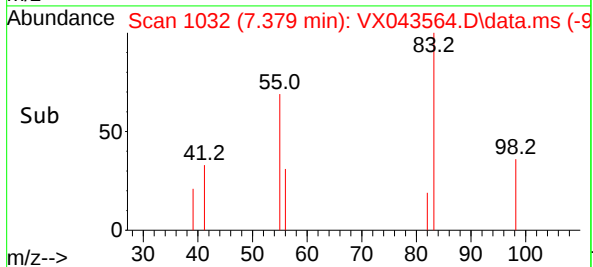
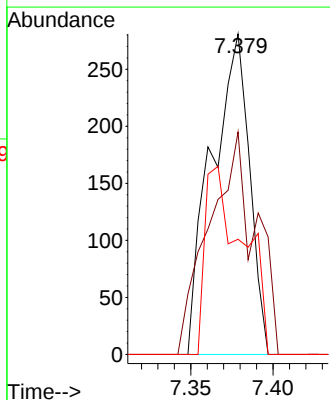
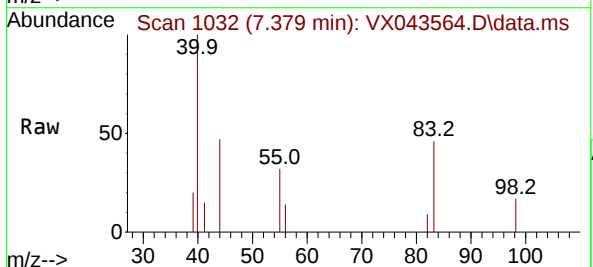


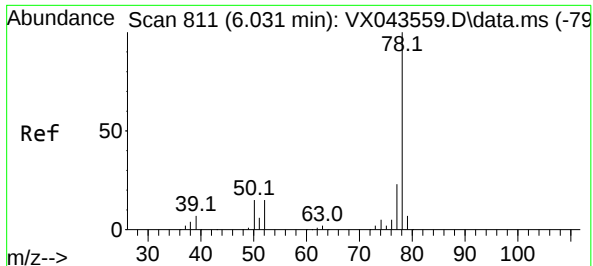
Tgt Ion:117 Resp: 9155
Ion Ratio Lower Upper
117 100
119 3.5 77.0 115.6#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.294 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 83 Resp: 451
Ion Ratio Lower Upper
83 100
55 69.4 59.9 89.9
98 35.9 41.3 61.9#

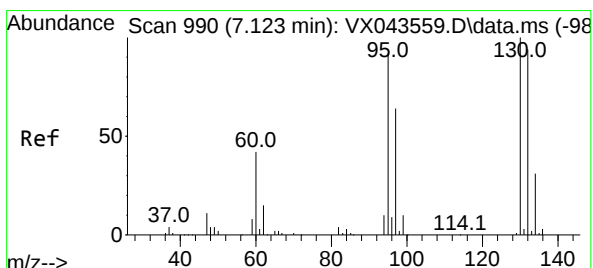
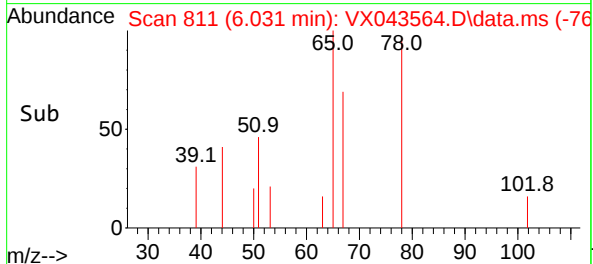
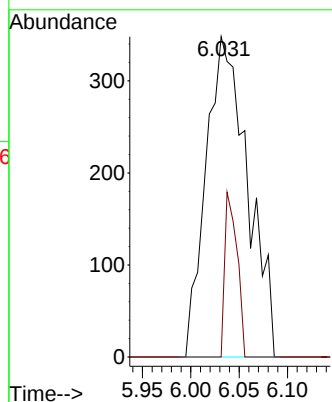
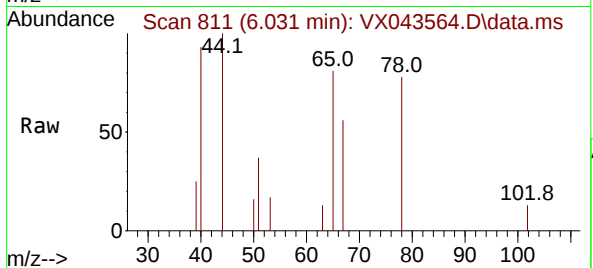




#40
Benzene
Concen: 0.253 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

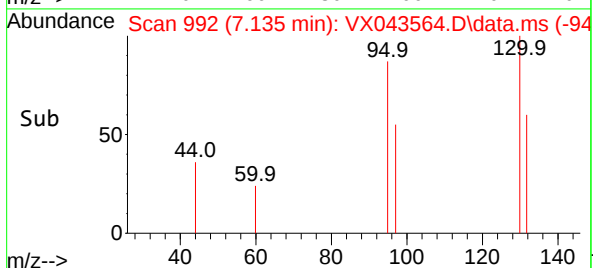
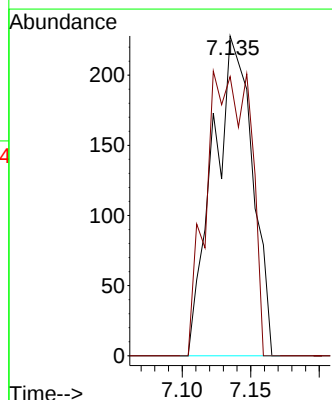
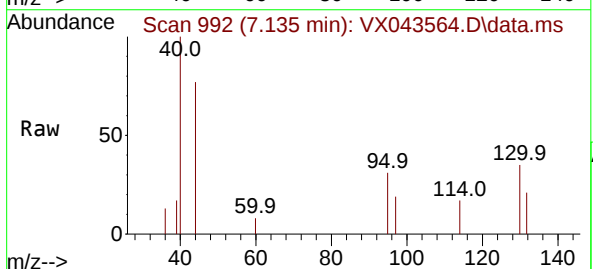
Instrument :
MSVOA_X
ClientSampleId :

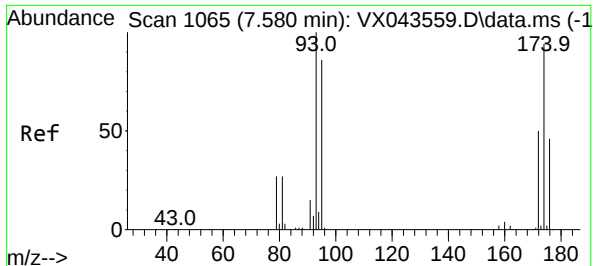
Tgt Ion: 78 Resp: 1041
Ion Ratio Lower Upper
78 100
77 0.0 18.4 27.6#



#44
Trichloroethene
Concen: 0.448 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion:130 Resp: 459
Ion Ratio Lower Upper
130 100
95 87.3 0.0 202.6

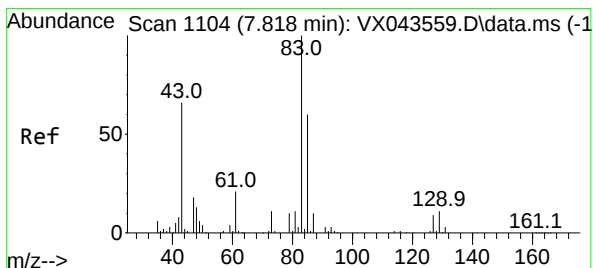
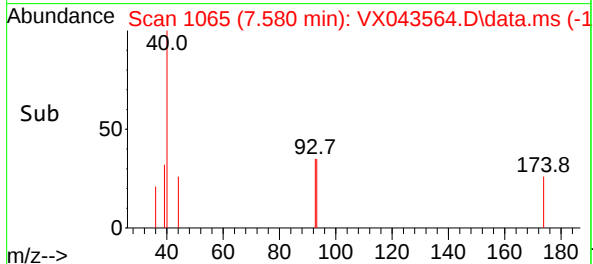
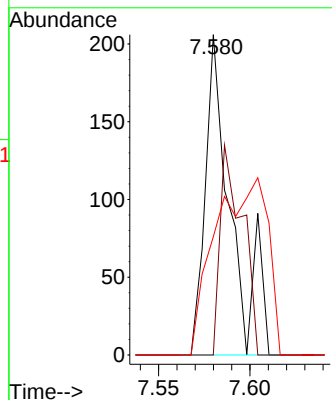
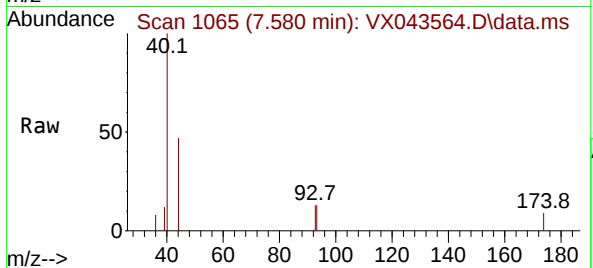




#46
Dibromomethane
Concen: 0.258 ug/l
RT: 7.580 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

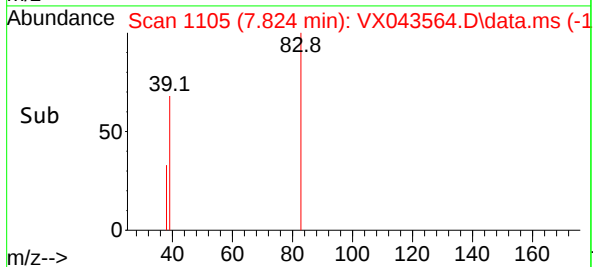
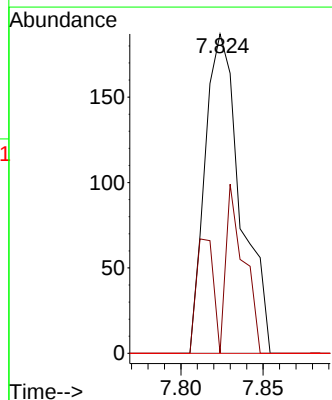
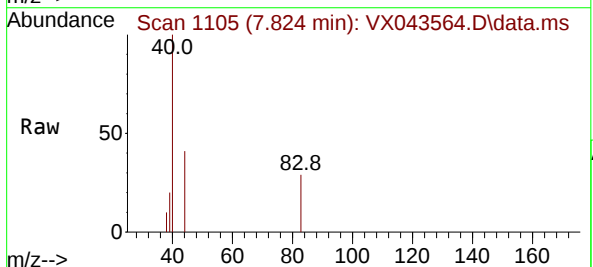
Instrument :
MSVOA_X
ClientSampleId :

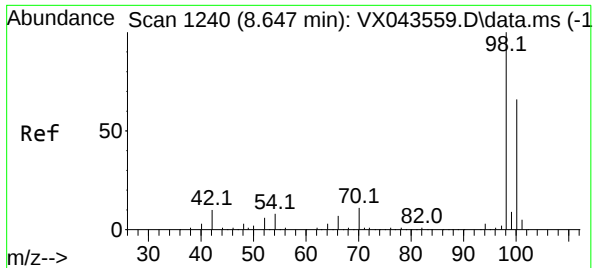
Tgt Ion: 93 Resp: 202
Ion Ratio Lower Upper
93 100
95 56.9 66.4 99.6#
174 0.0 75.0 112.4#



#47
Bromodichloromethane
Concen: 0.206 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 83 Resp: 282
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#
127 0.0 7.1 10.7#

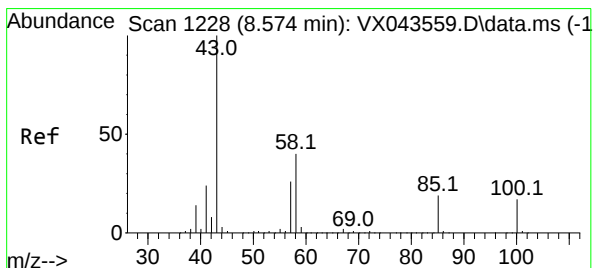
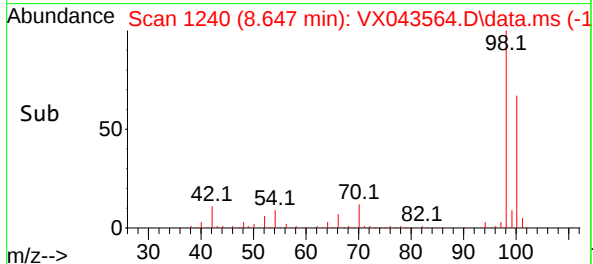
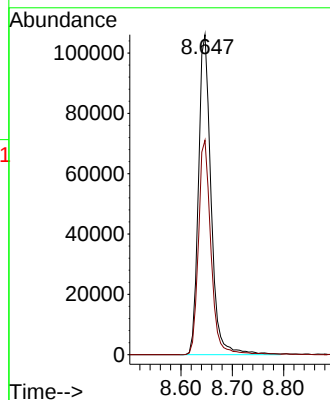
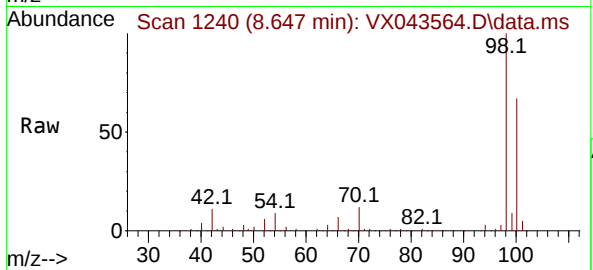




#50
Toluene-d8
Concen: 50.067 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

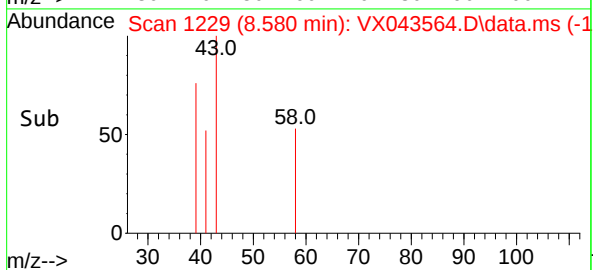
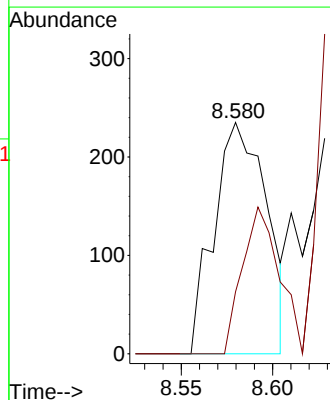
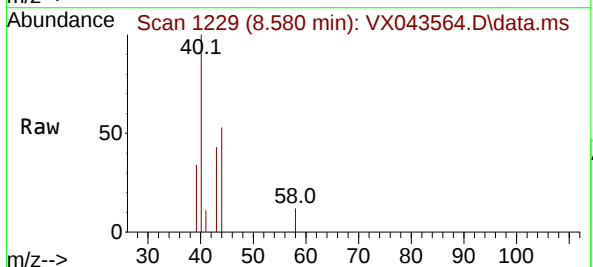
Instrument :
MSVOA_X
ClientSampleId :

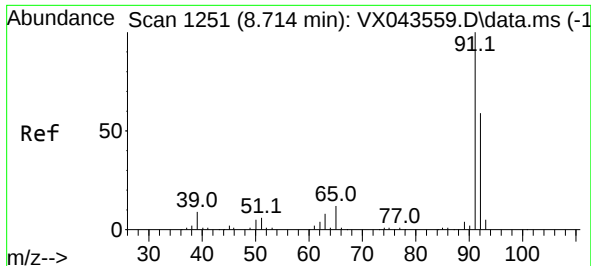
Tgt Ion: 98 Resp: 180594
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.312 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 44.3 31.7 47.5

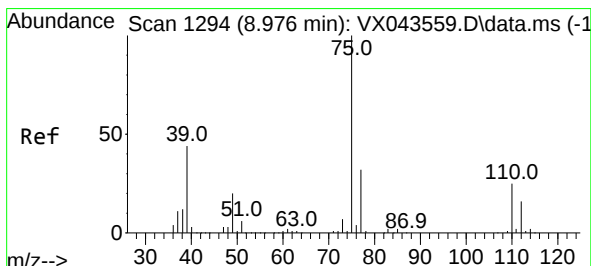
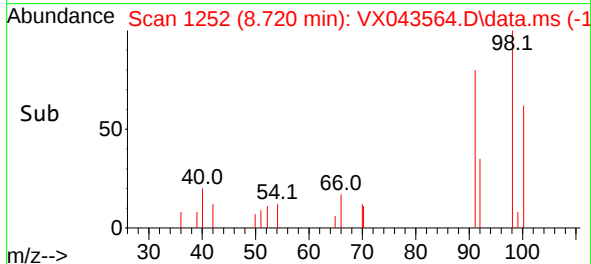
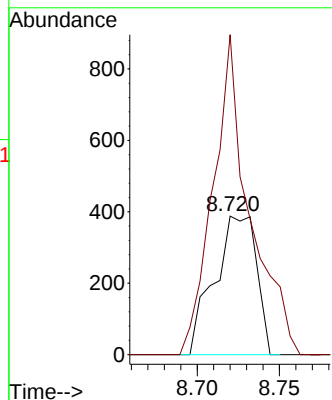
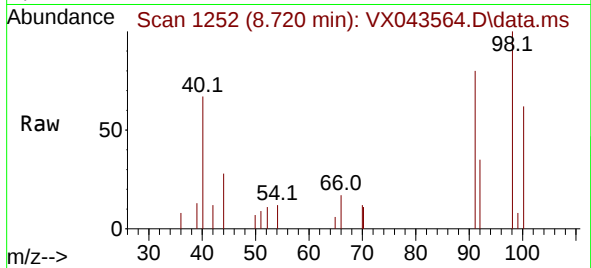




#52
Toluene
Concen: 0.277 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

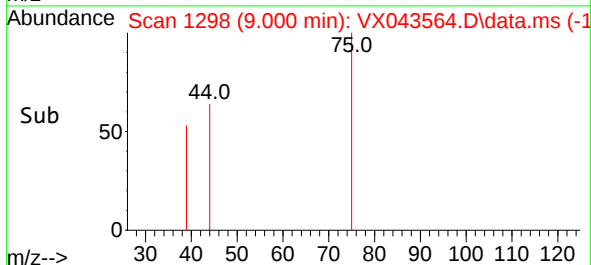
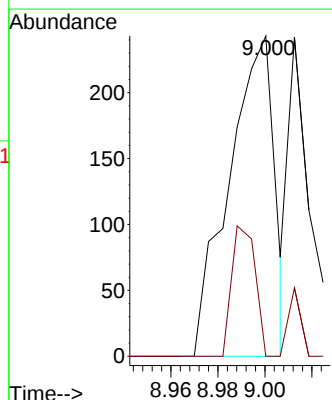
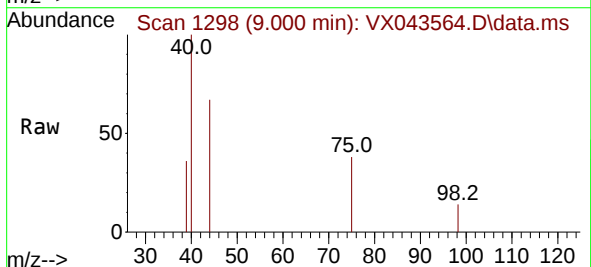
Instrument :
MSVOA_X
ClientSampleId :

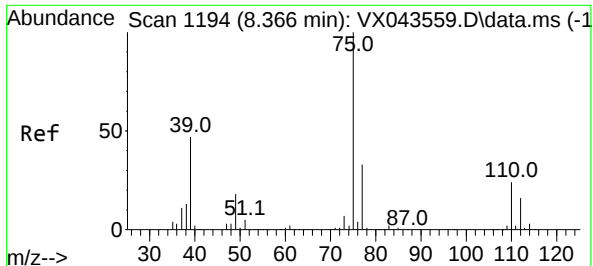
Tgt Ion: 92 Resp: 693
Ion Ratio Lower Upper
92 100
91 200.1 135.7 203.5



#53
t-1,3-Dichloropropene
Concen: 0.222 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.025 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 75 Resp: 327
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

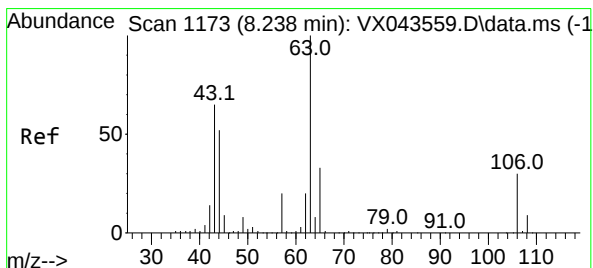
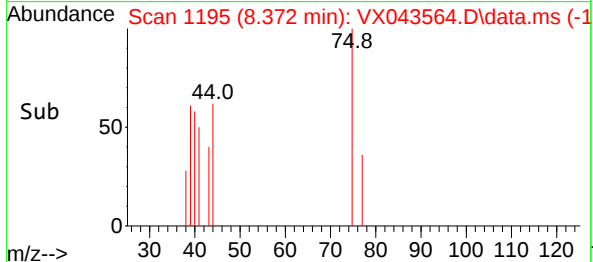
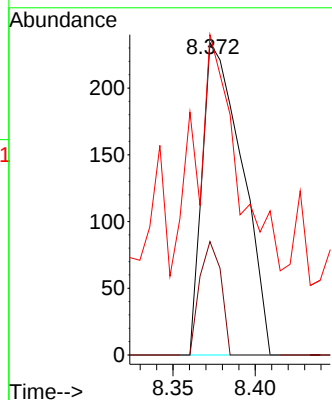
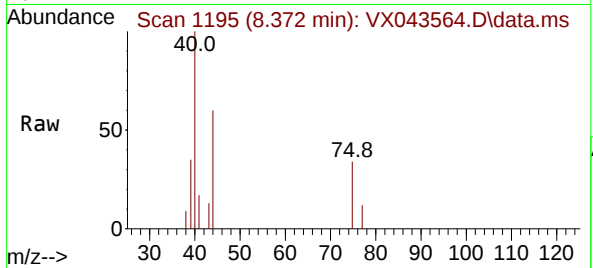




#54
 cis-1,3-Dichloropropene
 Concen: 0.251 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX043564.D
 Acq: 28 Oct 2024 15:02

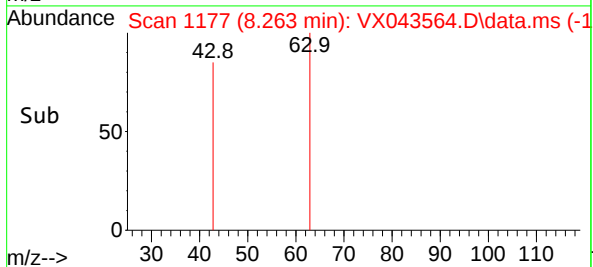
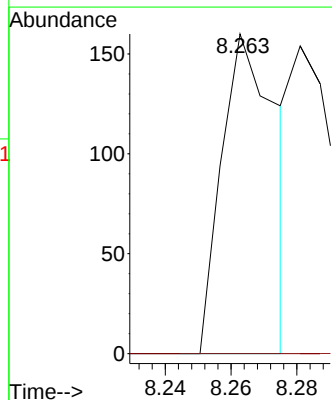
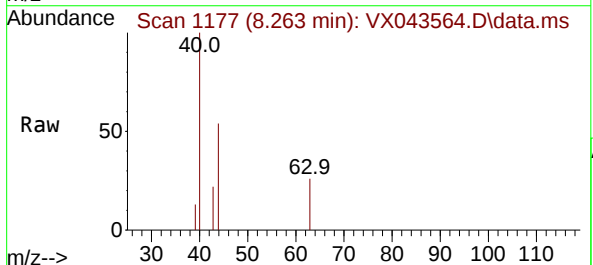
Instrument :
 MSVOA_X
 ClientSampleId :

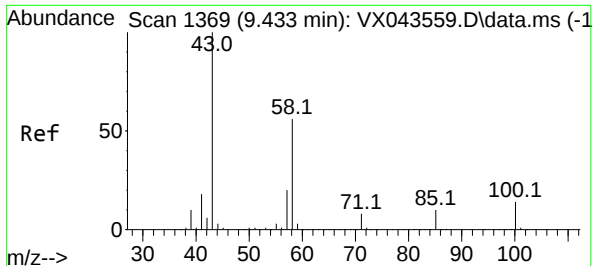
Tgt Ion: 75 Resp: 394
 Ion Ratio Lower Upper
 75 100
 77 36.3 24.8 37.2
 39 75.6 37.7 56.5#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.226 ug/l
 RT: 8.263 min Scan# 1177
 Delta R.T. 0.025 min
 Lab File: VX043564.D
 Acq: 28 Oct 2024 15:02

Tgt Ion: 63 Resp: 185
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.6 35.4#





#59

2-Hexanone

Concen: 0.395 ug/l

RT: 9.464 min Scan# 11

Delta R.T. 0.031 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

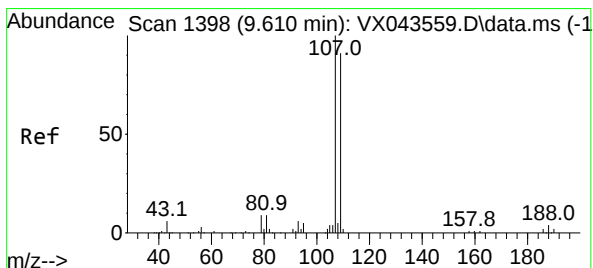
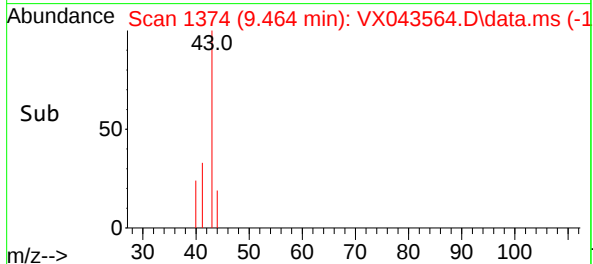
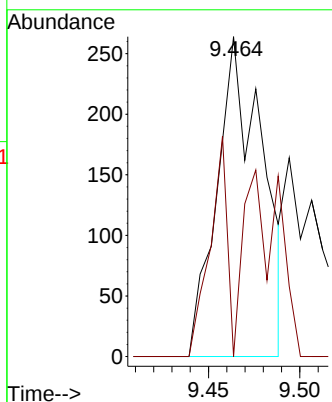
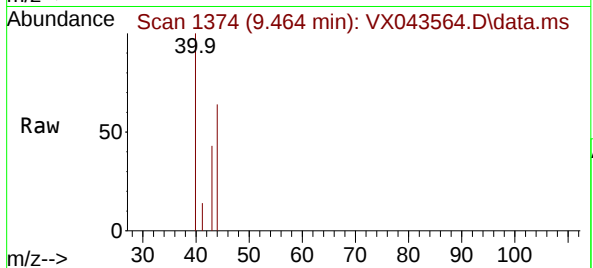
ClientSampleId :

Tgt Ion: 43 Resp: 454

Ion Ratio Lower Upper

43 100

58 26.2 27.5 82.5#



#61

1,2-Dibromoethane

Concen: 0.284 ug/l

RT: 9.622 min Scan# 1400

Delta R.T. 0.012 min

Lab File: VX043564.D

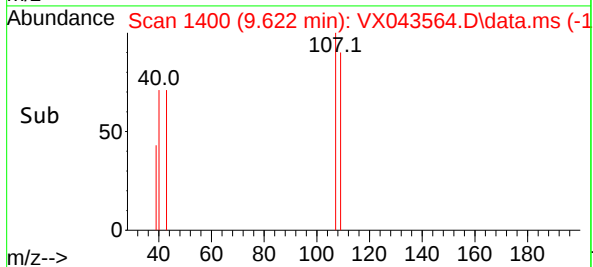
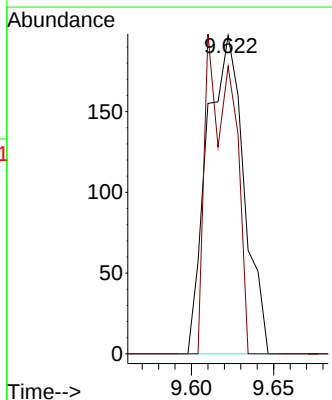
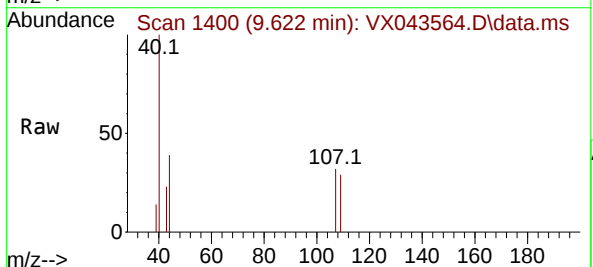
Acq: 28 Oct 2024 15:02

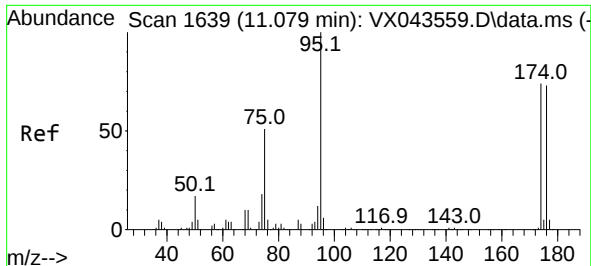
Tgt Ion: 107 Resp: 307

Ion Ratio Lower Upper

107 100

109 76.2 77.1 115.7#

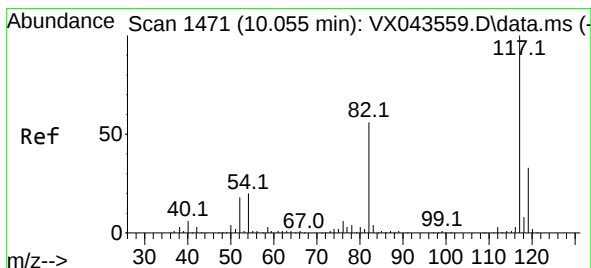
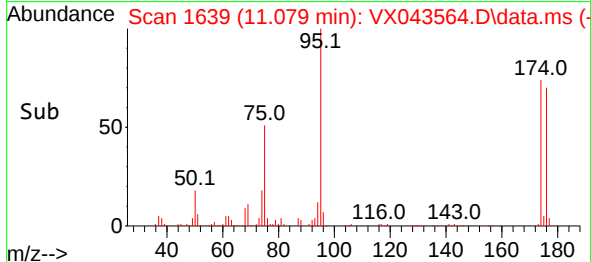
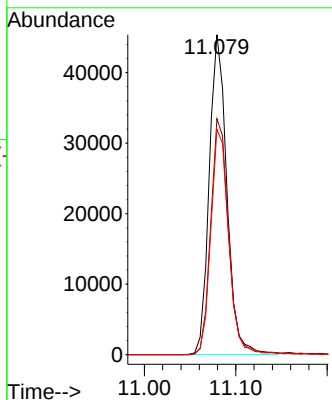
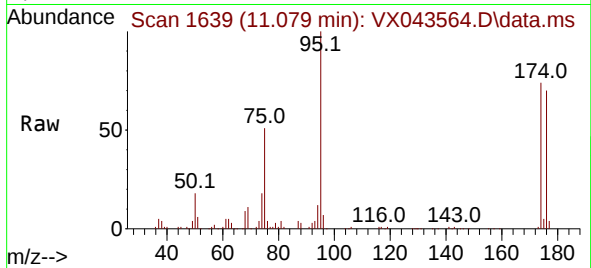




#62
4-Bromofluorobenzene
Concen: 45.449 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

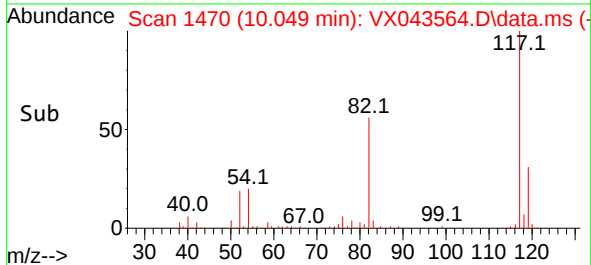
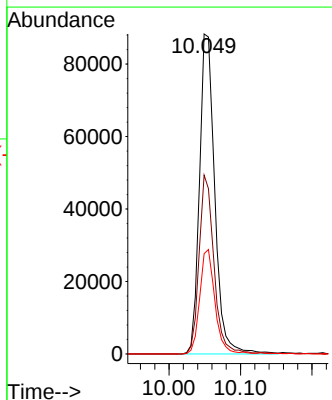
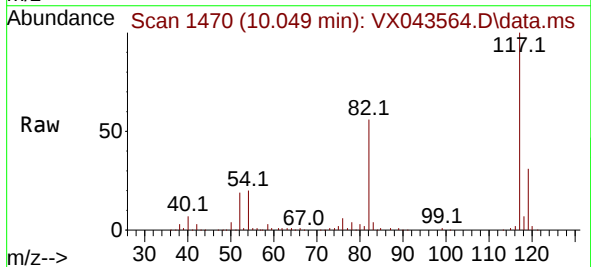
Instrument :
MSVOA_X
ClientSampleId :

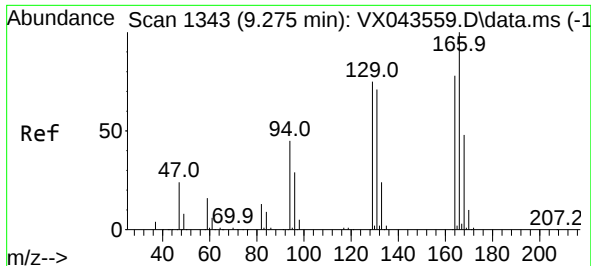
Tgt Ion: 95 Resp: 60747
Ion Ratio Lower Upper
95 100
174 74.7 0.0 146.6
176 71.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

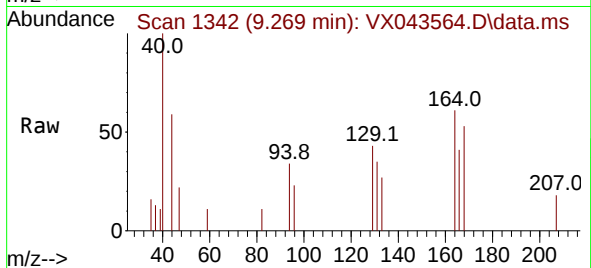
Tgt Ion: 117 Resp: 131516
Ion Ratio Lower Upper
117 100
82 55.9 42.1 63.1
119 31.3 25.4 38.2



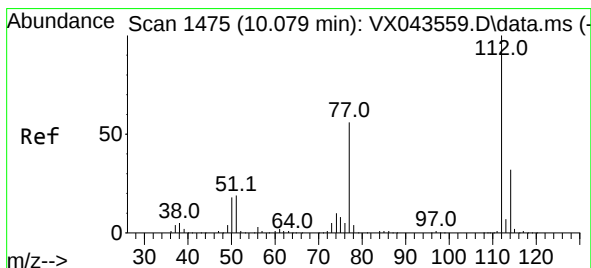
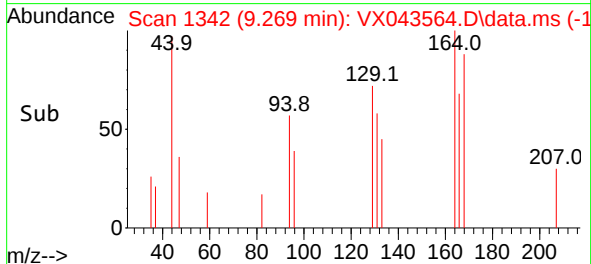
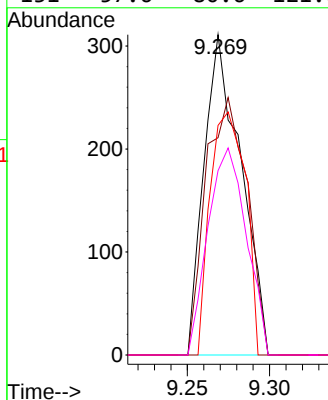


#64
Tetrachloroethene
Concen: 0.585 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

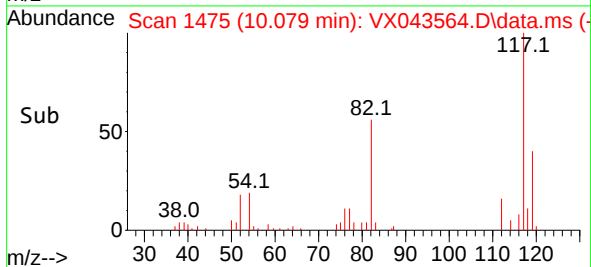
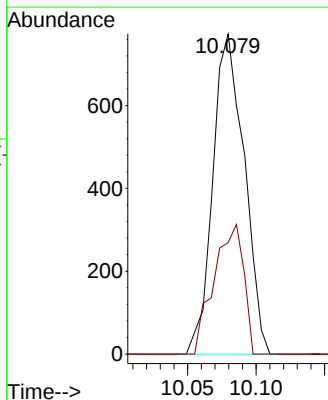
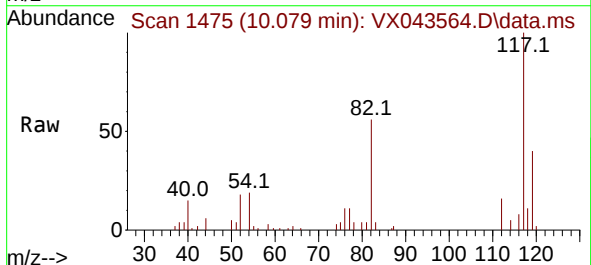


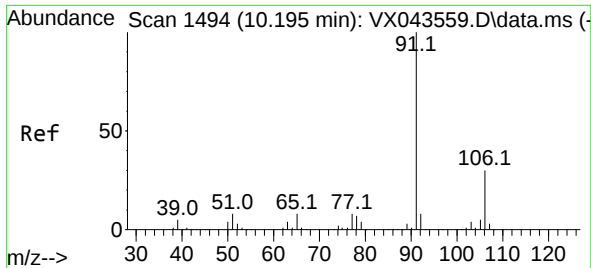
Tgt Ion:164 Resp: 484
Ion Ratio Lower Upper
164 100
166 67.8 103.8 155.6#
129 71.7 83.8 125.6#
131 57.6 80.6 121.0#



#65
Chlorobenzene
Concen: 0.435 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion:112 Resp: 1232
Ion Ratio Lower Upper
112 100
114 34.8 25.0 37.6





#67

Ethyl Benzene

Concen: 0.337 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

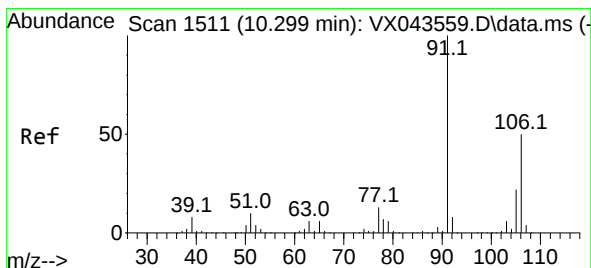
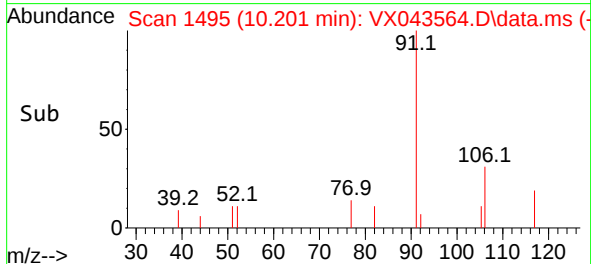
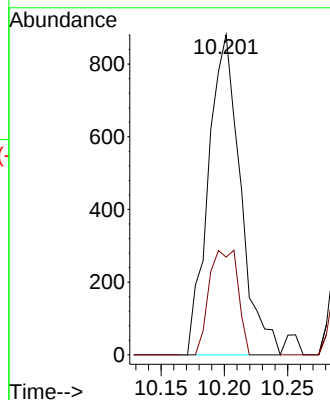
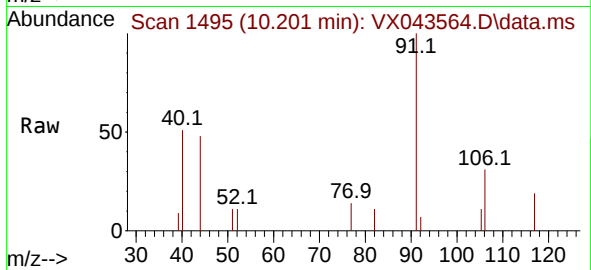
ClientSampleId :

Tgt Ion: 91 Resp: 1555

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 0.638 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043564.D

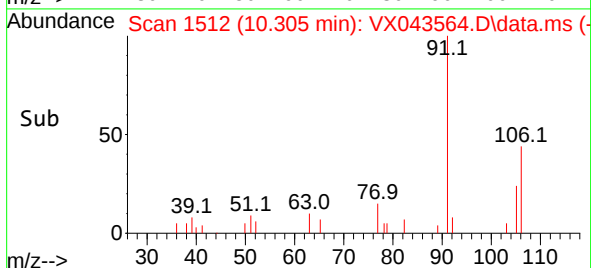
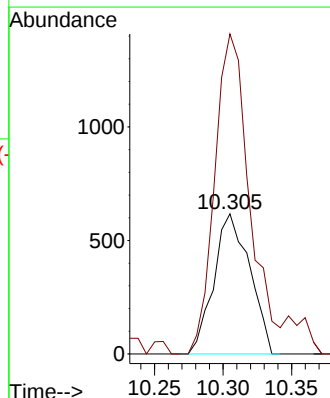
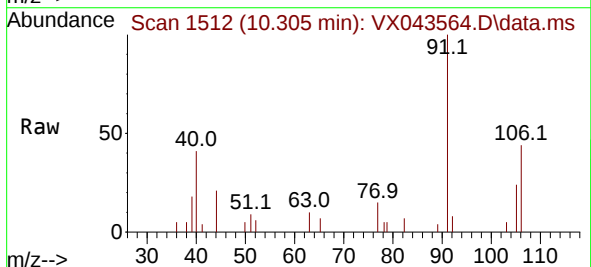
Acq: 28 Oct 2024 15:02

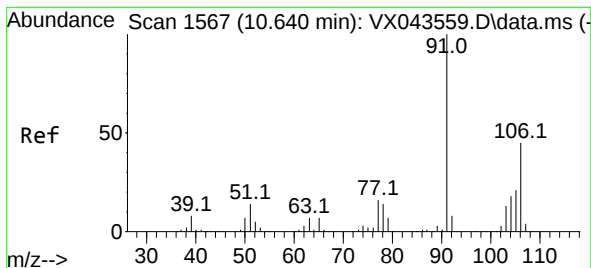
Tgt Ion:106 Resp: 1125

Ion Ratio Lower Upper

106 100

91 221.3 164.7 247.1





#69

o-Xylene

Concen: 0.305 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

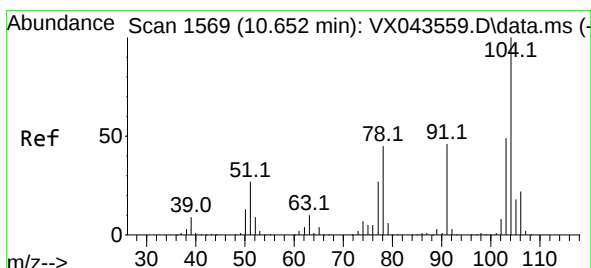
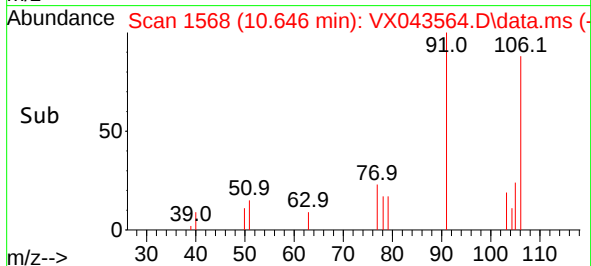
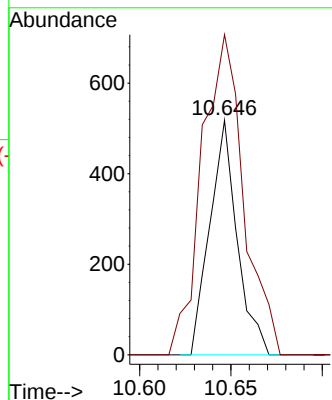
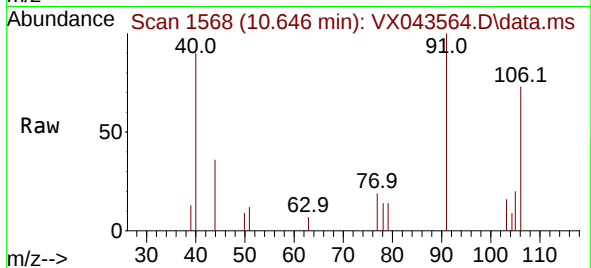
ClientSampleId :

Tgt Ion:106 Resp: 541

Ion Ratio Lower Upper

106 100

91 207.4 107.9 323.7



#70

Styrene

Concen: 0.309 ug/l

RT: 10.671 min Scan# 1572

Delta R.T. 0.018 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

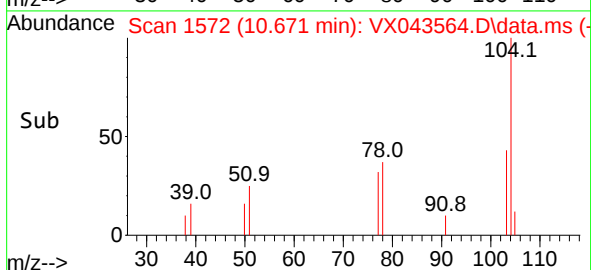
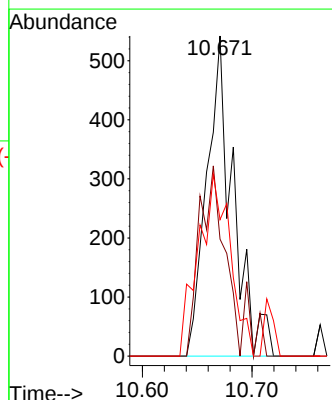
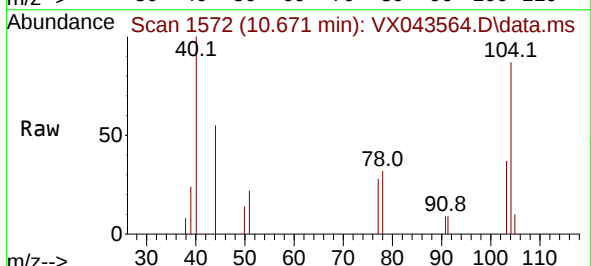
Tgt Ion:104 Resp: 909

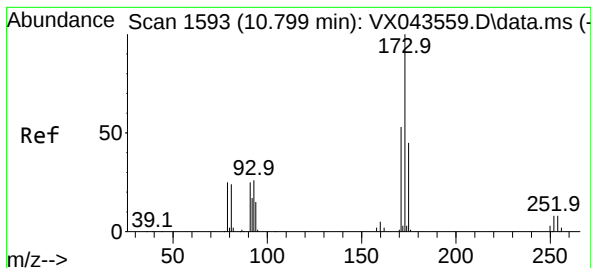
Ion Ratio Lower Upper

104 100

78 55.8 40.0 60.0

103 68.3 43.4 65.0#





#71

Bromoform

Concen: 0.214 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

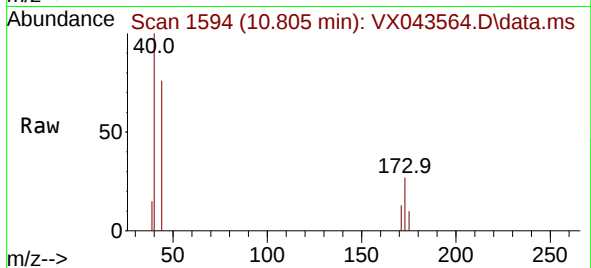
Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

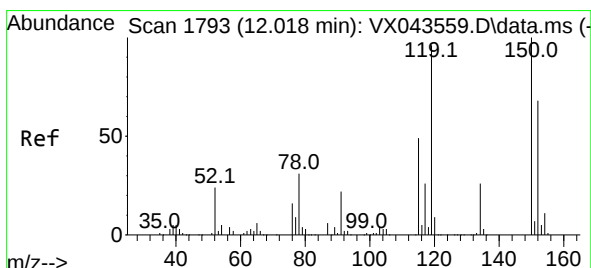
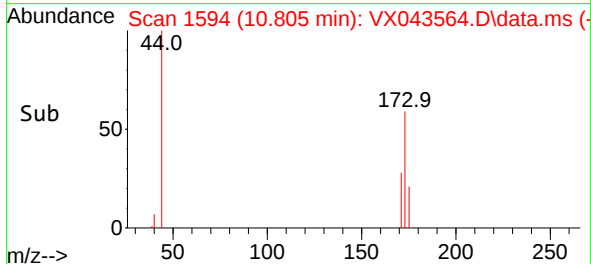
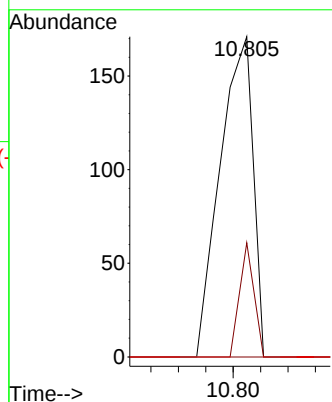
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	173	Resp:	142
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.3	69.9#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

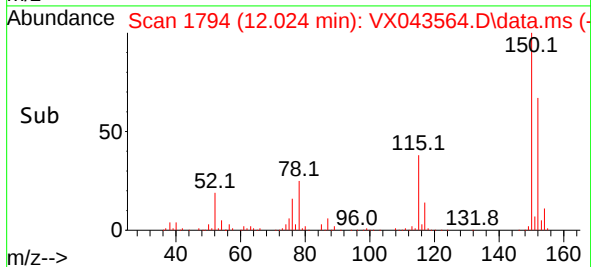
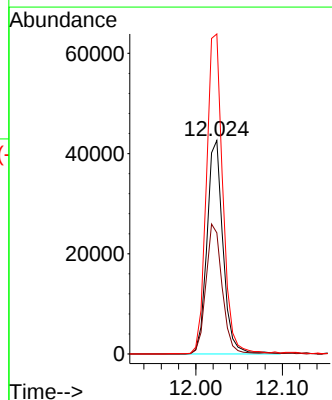
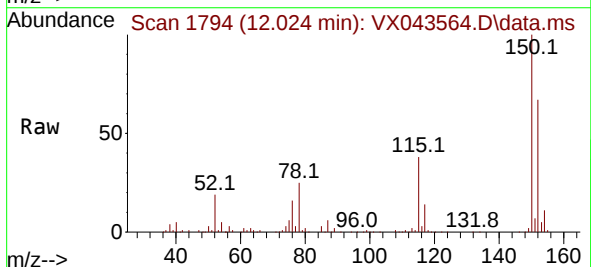
RT: 12.024 min Scan# 1794

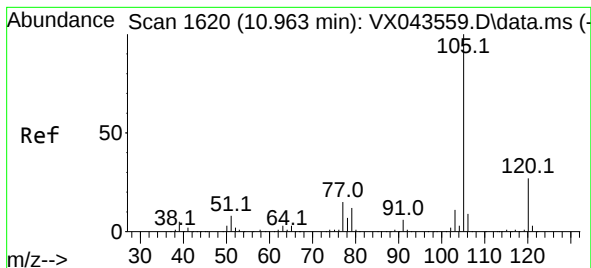
Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Tgt Ion:	152	Resp:	54767
Ion Ratio	Lower	Upper	
152	100		
115	61.9	42.9	128.7
150	153.3	0.0	343.6





#73

Isopropylbenzene

Concen: 0.279 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

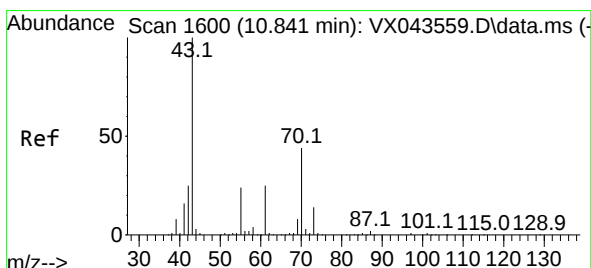
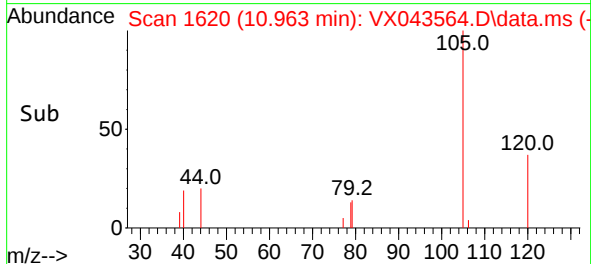
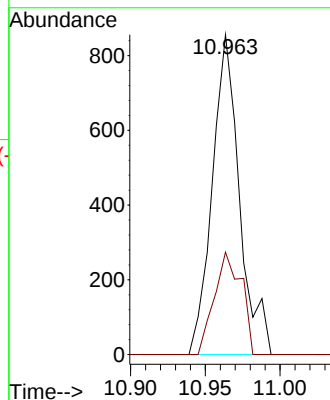
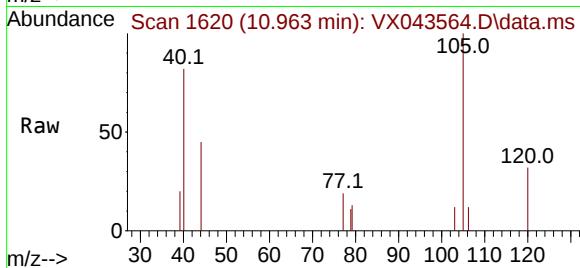
ClientSampleId :

Tgt Ion:105 Resp: 1083

Ion Ratio Lower Upper

105 100

120 31.8 13.2 39.6



#74

N-ethyl acetate

Concen: 0.203 ug/l

RT: 10.866 min Scan# 1604

Delta R.T. 0.025 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Tgt Ion: 43 Resp: 384

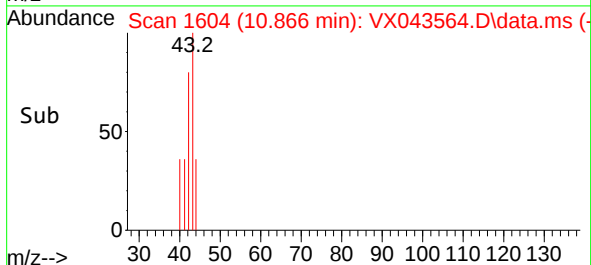
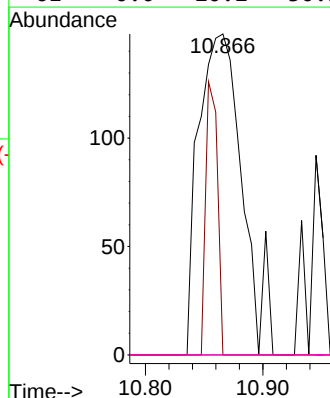
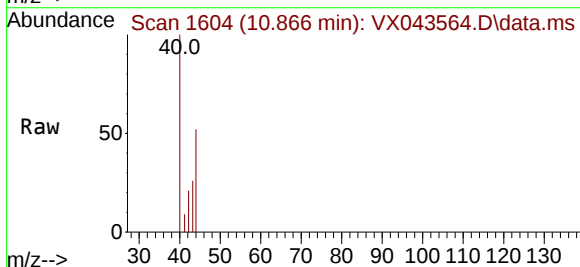
Ion Ratio Lower Upper

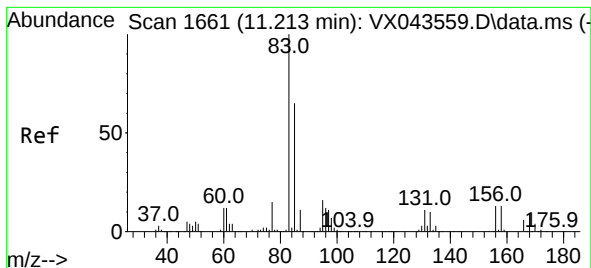
43 100

70 22.7 34.6 52.0#

55 0.0 19.6 29.4#

61 0.0 20.2 30.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.201 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

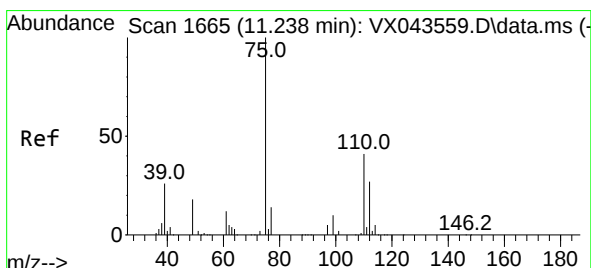
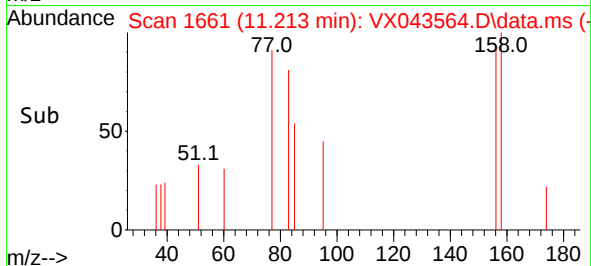
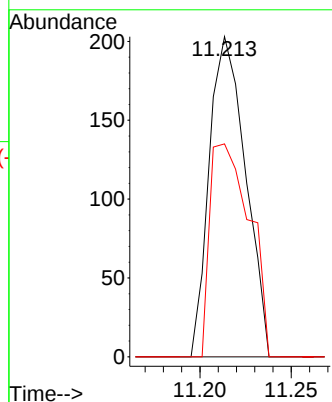
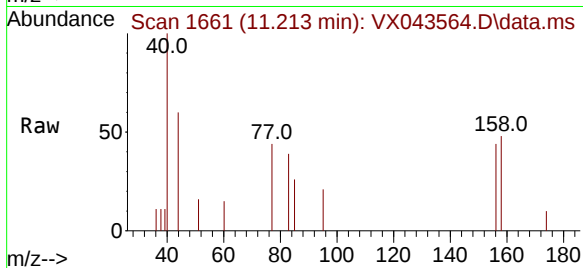
Tgt Ion: 83 Resp: 281

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 73.0 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 26.018 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043564.D

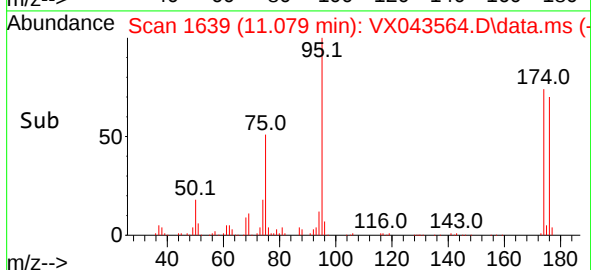
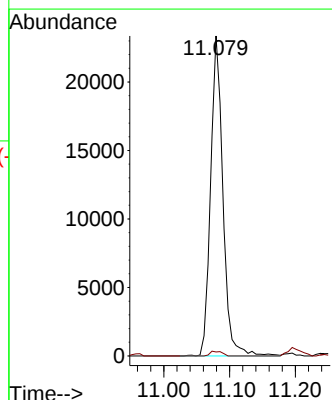
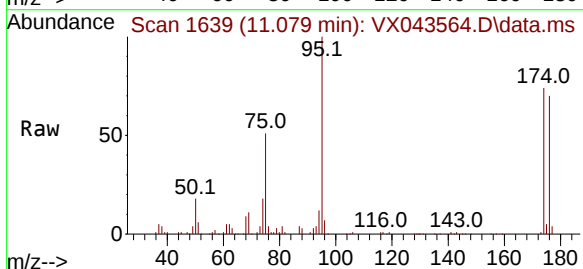
Acq: 28 Oct 2024 15:02

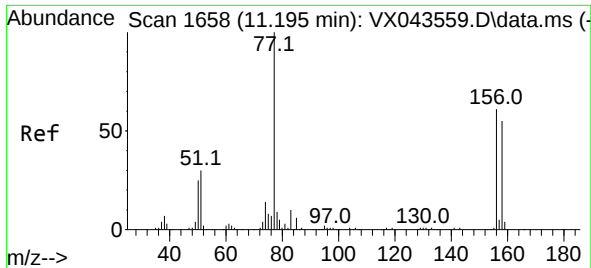
Tgt Ion: 75 Resp: 30467

Ion Ratio Lower Upper

75 100

77 1.4 22.4 67.2#

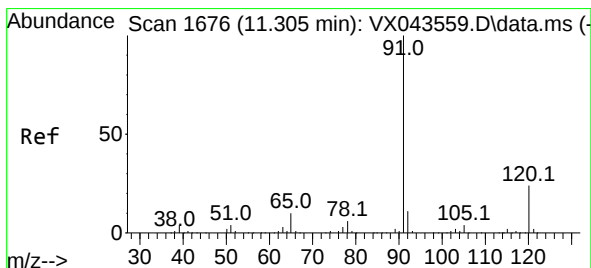
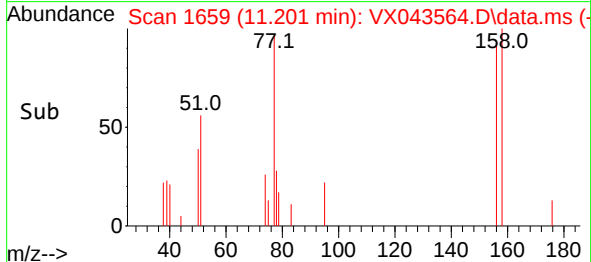
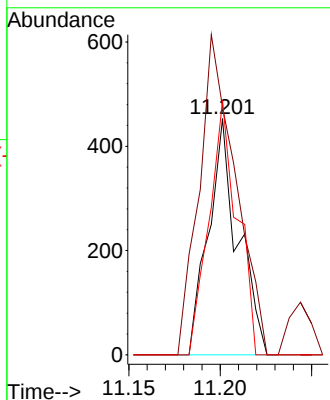
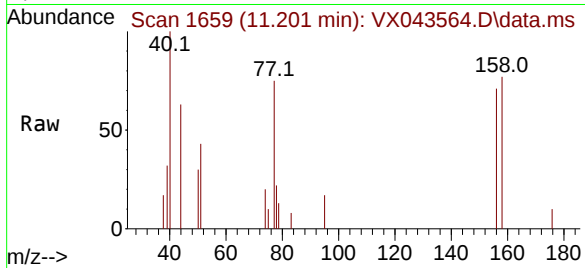




#77
Bromobenzene
Concen: 0.509 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

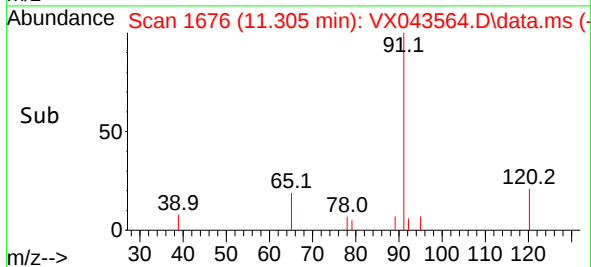
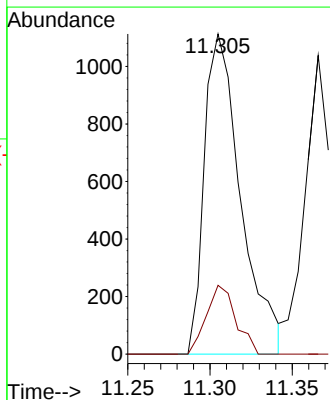
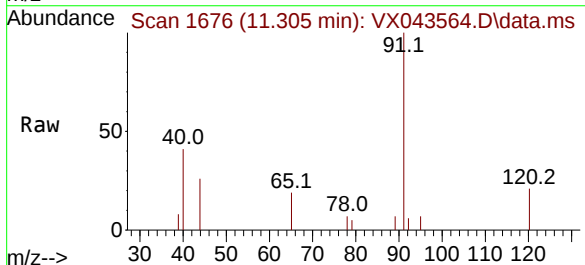
Instrument :
MSVOA_X
ClientSampleId :

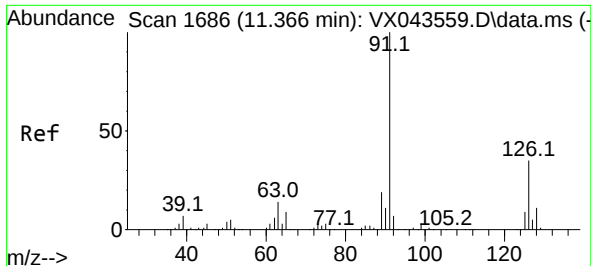
Tgt Ion:156 Resp: 510
Ion Ratio Lower Upper
156 100
77 167.5 79.7 239.1
158 103.1 48.0 144.0



#78
n-propylbenzene
Concen: 0.406 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 91 Resp: 1717
Ion Ratio Lower Upper
91 100
120 17.3 11.6 34.7

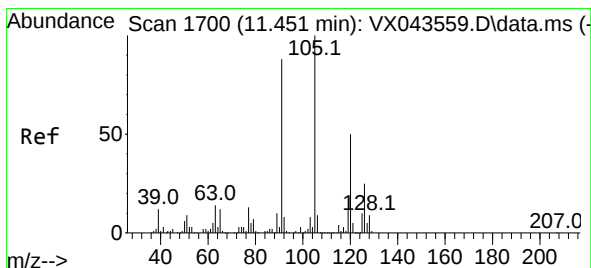
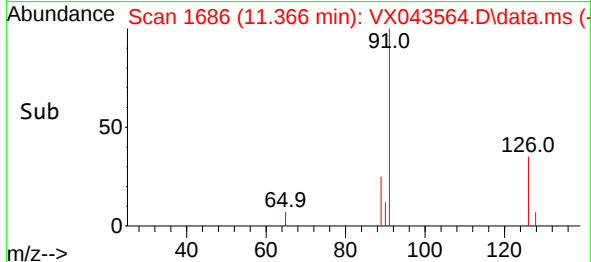
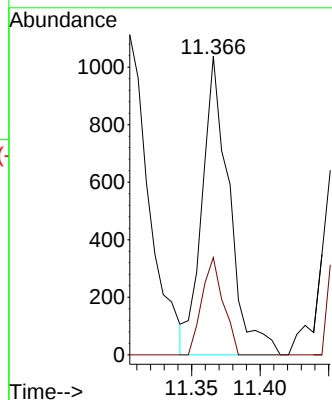
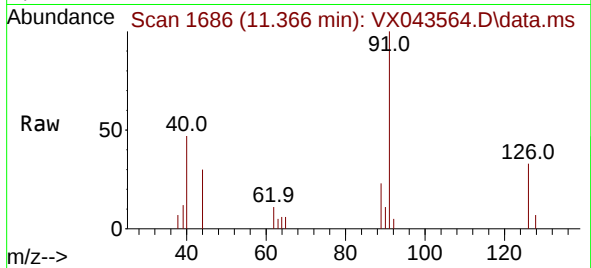




#79
2-Chlorotoluene
Concen: 0.508 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

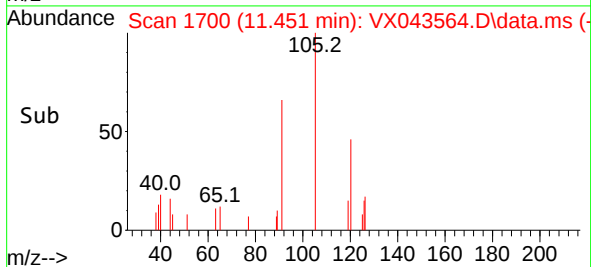
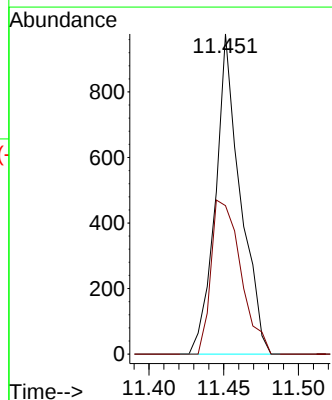
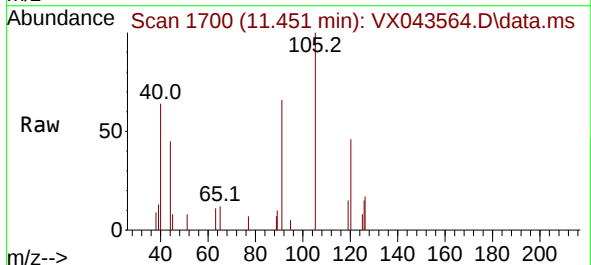
Instrument :
MSVOA_X
ClientSampleId :

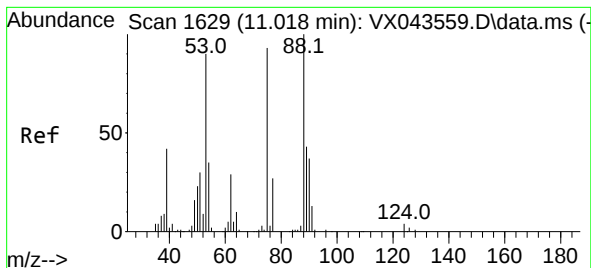
Tgt Ion: 91 Resp: 1426
Ion Ratio Lower Upper
91 100
126 25.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 0.350 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 105 Resp: 1131
Ion Ratio Lower Upper
105 100
120 57.5 23.8 71.5

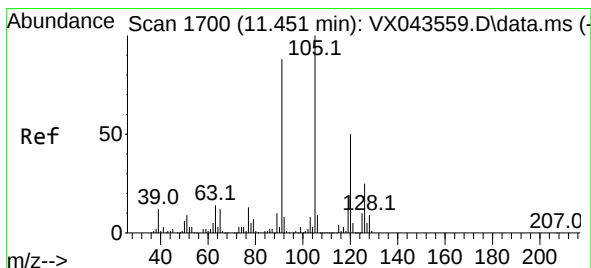
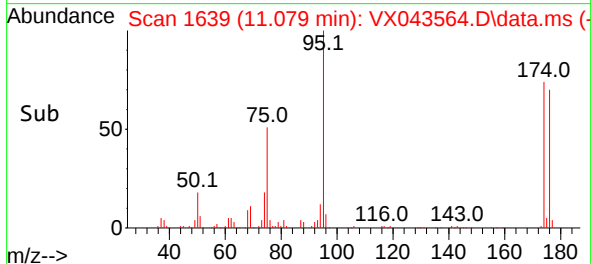
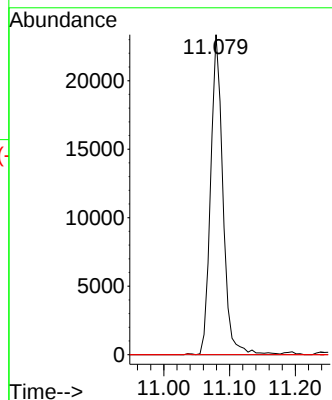
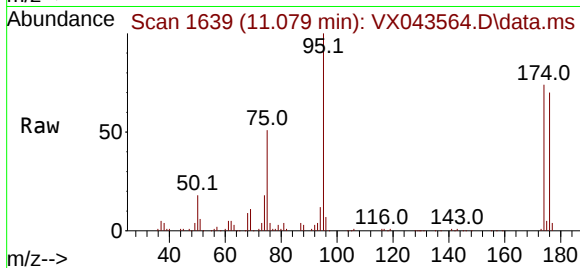




#81
trans-1,4-Dichloro-2-butene
Concen: 71.577 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

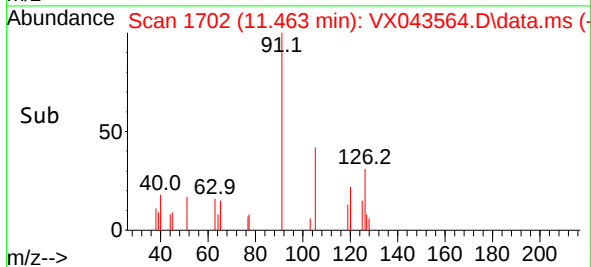
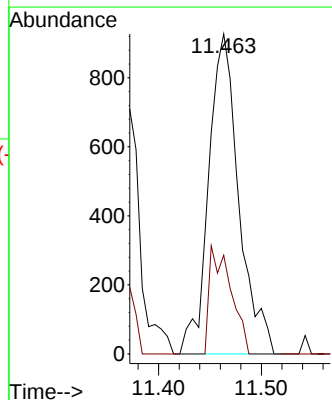
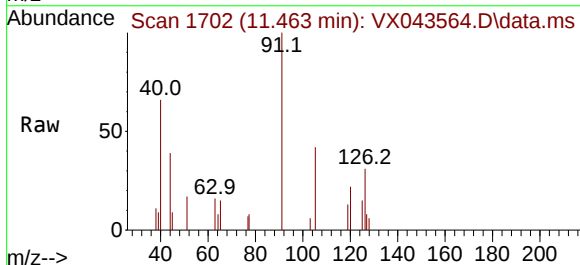
Instrument :
MSVOA_X
ClientSampleId :

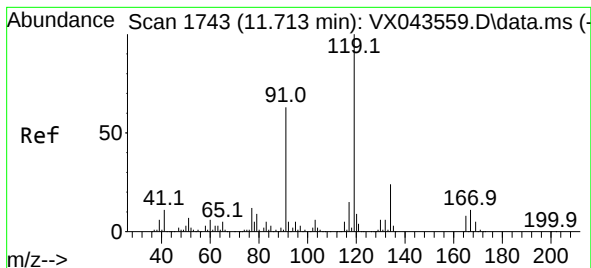
Tgt Ion: 75 Resp: 30467
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#



#82
4-Chlorotoluene
Concen: 0.600 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion: 91 Resp: 1890
Ion Ratio Lower Upper
91 100
126 24.1 14.2 42.8





#83

tert-Butylbenzene

Concen: 0.314 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VX043564.D

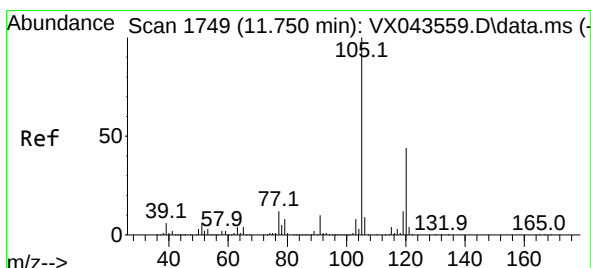
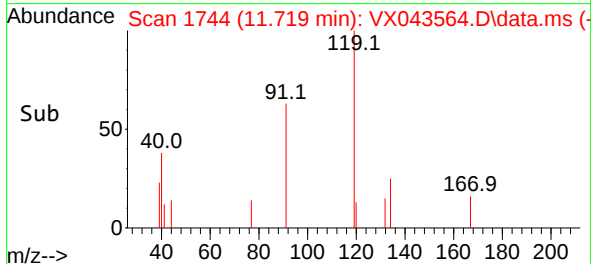
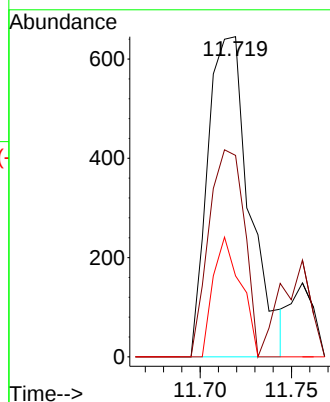
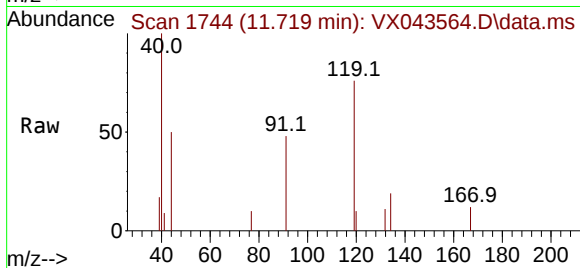
Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119	Resp:	1034
Ion	Ratio	Lower Upper
119	100	
91	54.5	29.5 88.5
134	24.7	11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 0.345 ug/l

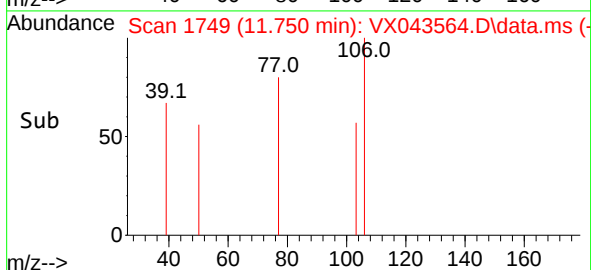
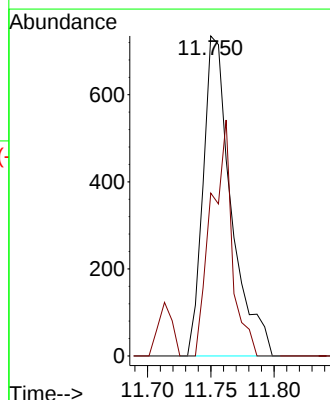
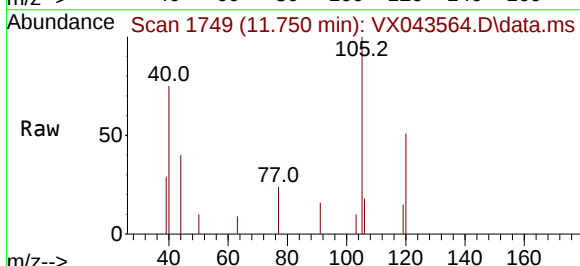
RT: 11.750 min Scan# 1749

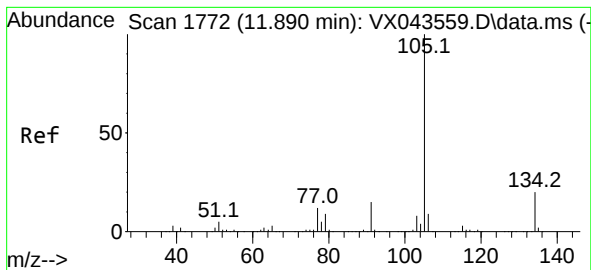
Delta R.T. -0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Tgt Ion:105	Resp:	1138
Ion	Ratio	Lower Upper
105	100	
120	54.7	22.1 66.1





#85

sec-Butylbenzene

Concen: 0.353 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

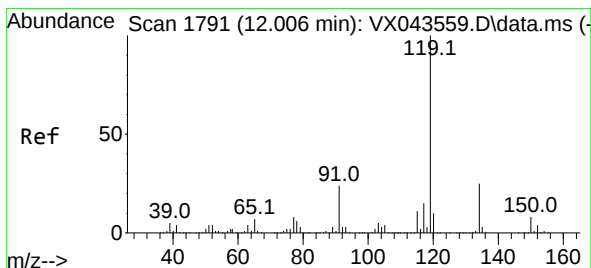
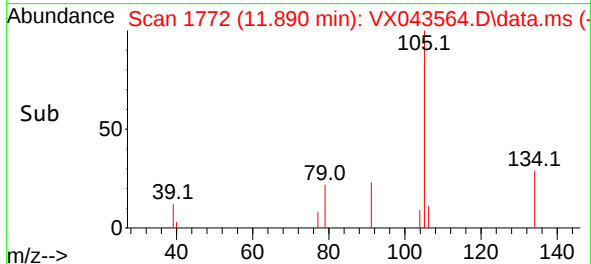
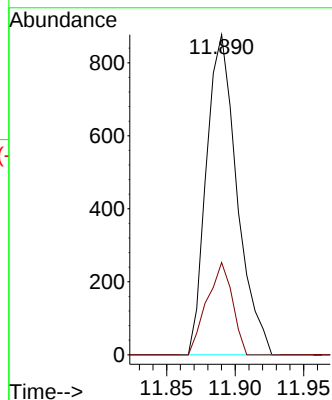
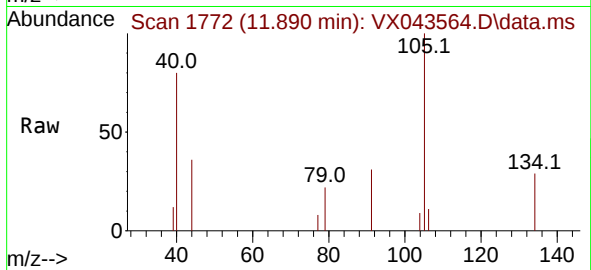
ClientSampleId :

Tgt Ion:105 Resp: 1363

Ion Ratio Lower Upper

105 100

134 23.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 0.318 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

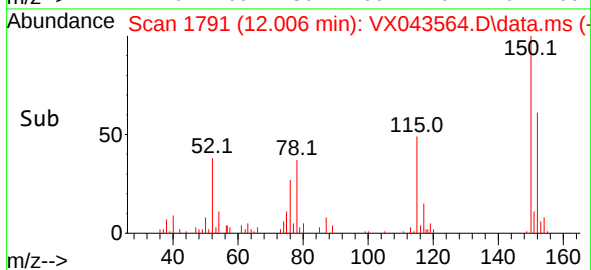
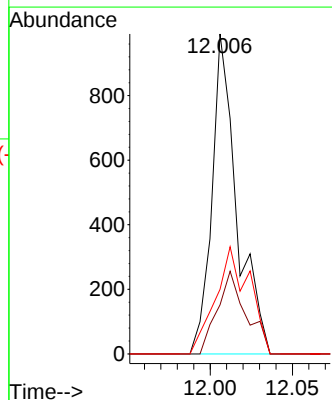
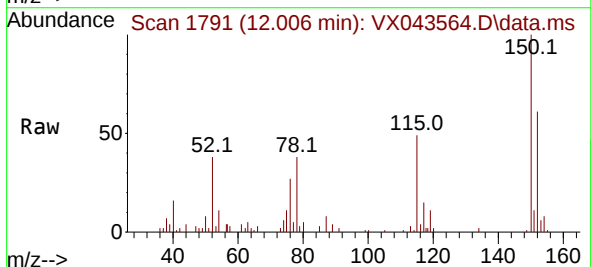
Tgt Ion:119 Resp: 1043

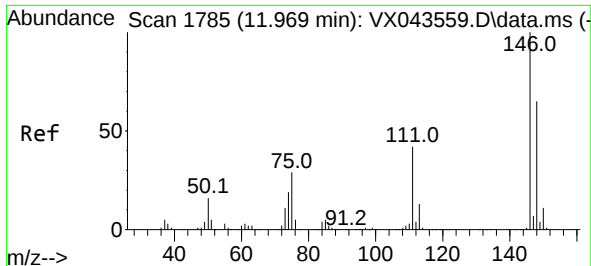
Ion Ratio Lower Upper

119 100

134 29.6 13.1 39.1

91 45.3 12.4 37.0#





#87

1,3-Dichlorobenzene

Concen: 0.702 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

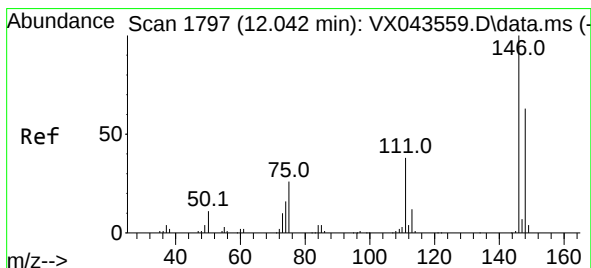
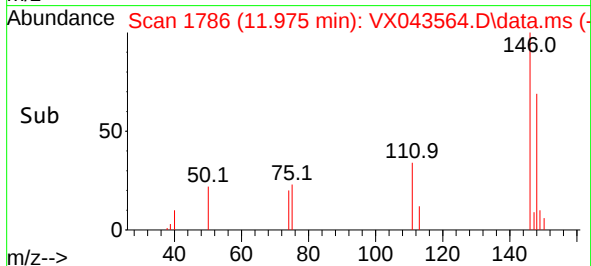
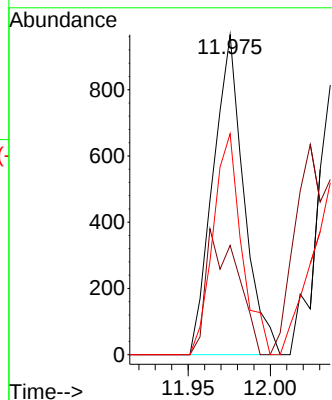
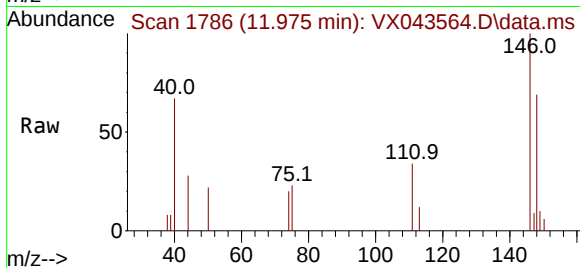
Tgt Ion:146 Resp: 1261

Ion Ratio Lower Upper

146 100

111 39.8 21.1 63.4

148 64.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 0.728 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

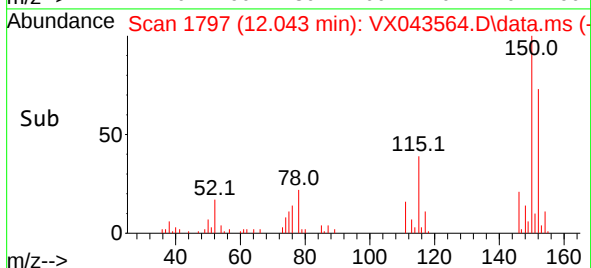
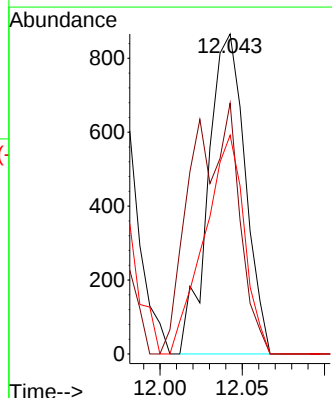
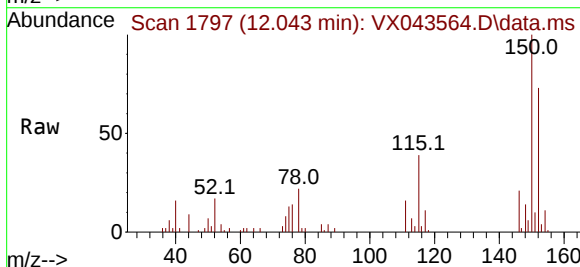
Tgt Ion:146 Resp: 1355

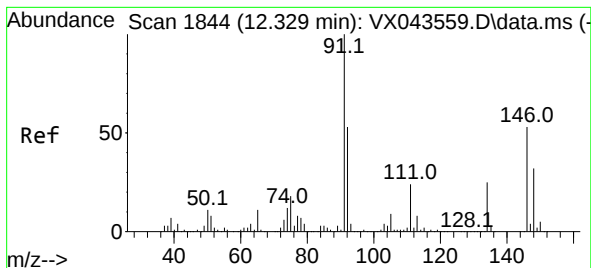
Ion Ratio Lower Upper

146 100

111 52.4 20.4 61.3

148 73.8 31.9 95.9





#89

n-Butylbenzene

Concen: 0.505 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

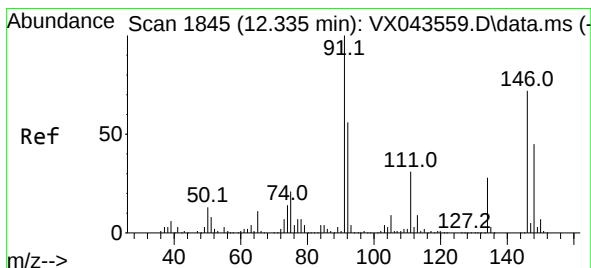
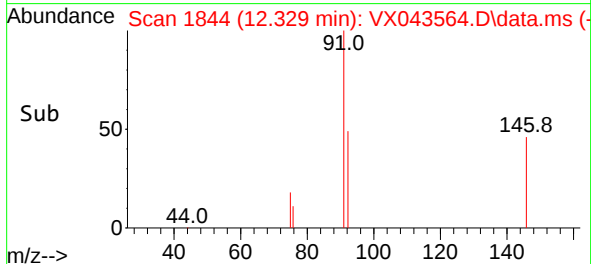
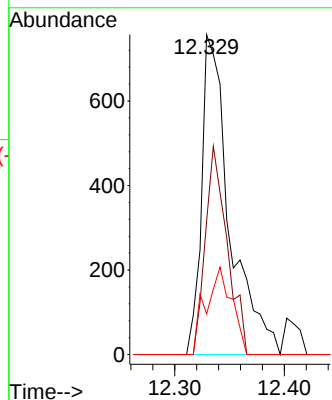
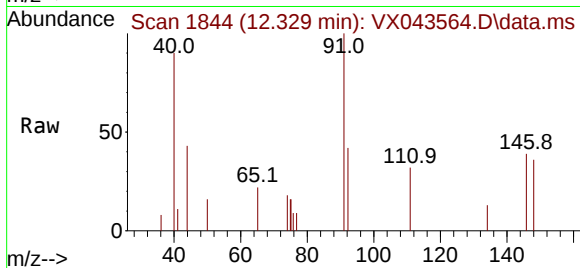
Tgt Ion: 91 Resp: 1348

Ion Ratio Lower Upper

91 100

92 50.5 27.1 81.2

134 25.2 12.9 38.6



#91

1,2-Dichlorobenzene

Concen: 0.489 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

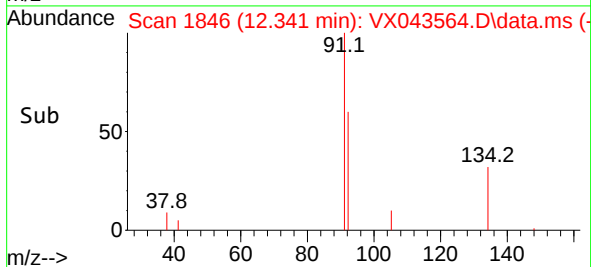
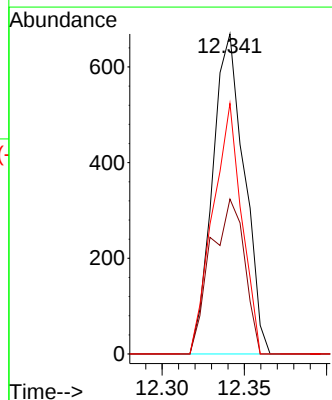
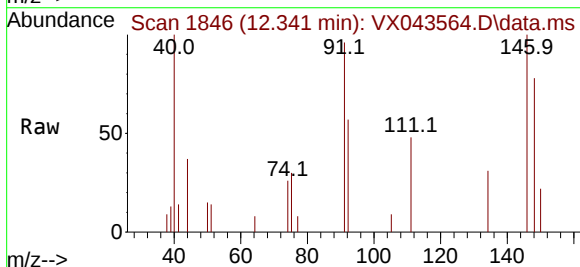
Tgt Ion: 146 Resp: 897

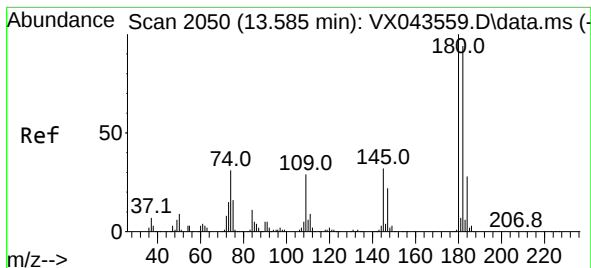
Ion Ratio Lower Upper

146 100

111 51.4 21.6 64.6

148 71.2 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.734 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

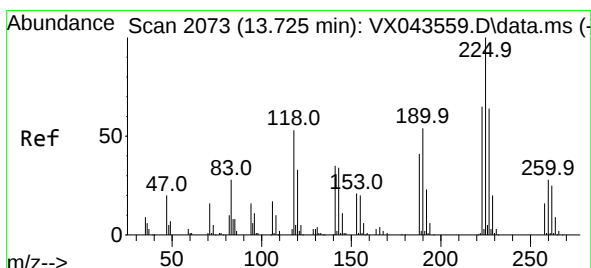
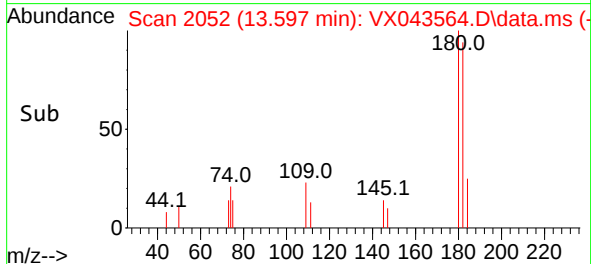
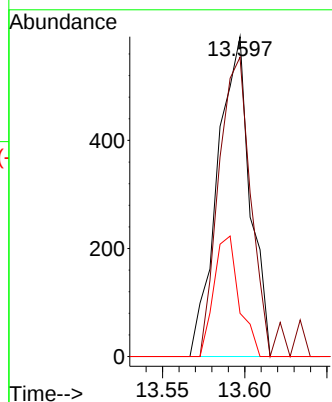
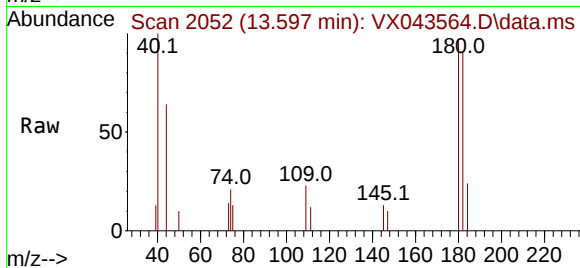
Tgt Ion:180 Resp: 818

Ion Ratio Lower Upper

180 100

182 96.3 46.8 140.4

145 29.1 16.1 48.3



#94

Hexachlorobutadiene

Concen: 0.428 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043564.D

Acq: 28 Oct 2024 15:02

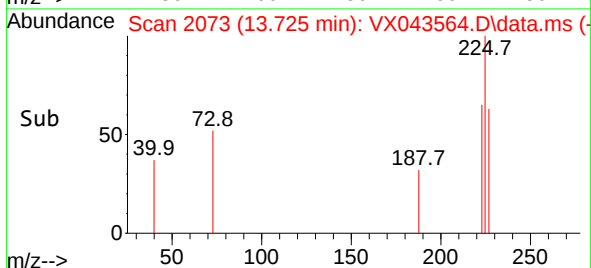
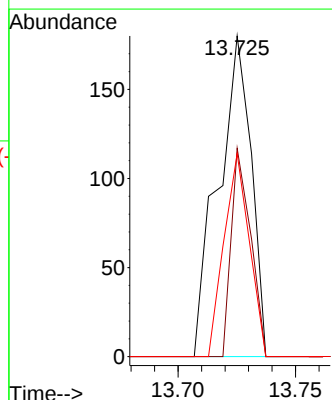
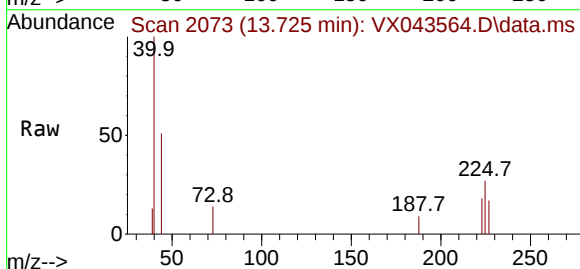
Tgt Ion:225 Resp: 176

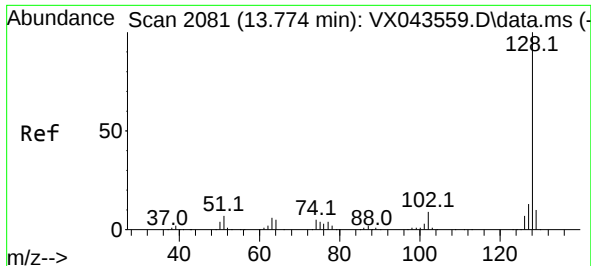
Ion Ratio Lower Upper

225 100

223 38.1 30.8 92.4

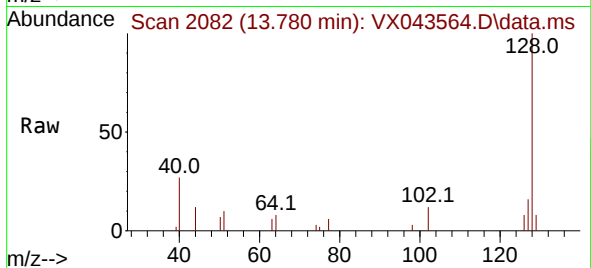
227 48.3 31.6 94.8



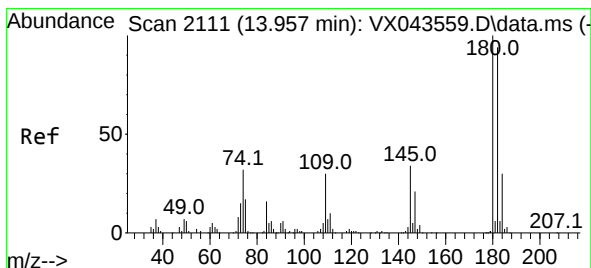
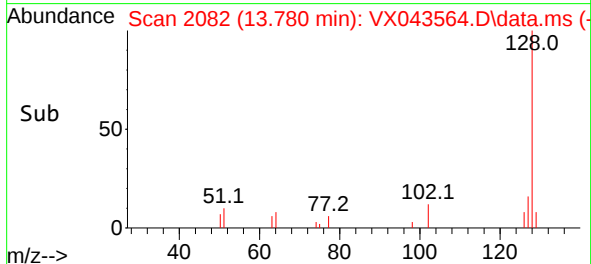
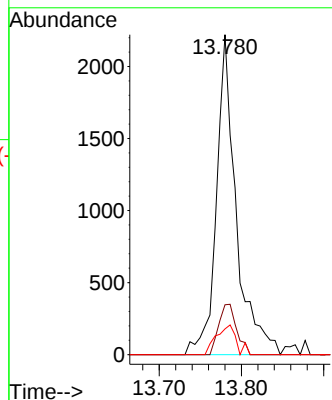


#95
Naphthalene
Concen: 0.870 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 3710
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 9.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.826 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043564.D
Acq: 28 Oct 2024 15:02

Tgt Ion:180 Resp: 971
Ion Ratio Lower Upper
180 100
182 85.8 47.1 141.3
145 26.3 17.4 52.3

