

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046045.D
 Acq On : 05 May 2025 13:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 06 07:16:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	64856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61274	50.676	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.360%	
35) Dibromofluoromethane	5.385	113	45691	50.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.080%	
50) Toluene-d8	8.647	98	158049	50.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	11.079	95	59343	49.438	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	614	0.619	ug/l	95
3) Chloromethane	1.307	50	973	1.011	ug/l	99
4) Vinyl Chloride	1.374	62	323	0.361	ug/l	89
5) Bromomethane	1.599	94	387	0.931	ug/l #	78
7) Trichlorofluoromethane	1.880	101	547	0.413	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	478	0.583	ug/l	88
10) Methyl Iodide	2.453	142	743	0.766	ug/l #	79
11) Tert butyl alcohol	2.971	59	383	2.257	ug/l #	72
12) 1,1-Dichloroethene	2.306	96	360	0.468	ug/l #	71
13) Acrolein	2.239	56	399	2.064	ug/l	86
14) Allyl chloride	2.654	41	474	0.323	ug/l #	67
15) Acrylonitrile	3.068	53	1041	2.145	ug/l	99
16) Acetone	2.380	43	1807	3.727	ug/l #	85
17) Carbon Disulfide	2.508	76	4652	2.552	ug/l	95
18) Methyl Acetate	2.709	43	648	0.576	ug/l #	55
20) Methylene Chloride	2.782	84	727	0.783	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	774	1.001	ug/l #	77
23) Vinyl Acetate	3.751	43	1018	0.408	ug/l #	74
25) 2-Butanone	4.611	43	260	0.369	ug/l #	53
27) cis-1,2-Dichloroethene	4.501	96	371	0.398	ug/l	48
28) Bromochloromethane	4.891	49	234	0.307	ug/l #	64
29) Tetrahydrofuran	5.013	42	144	0.327	ug/l #	35
31) Cyclohexane	5.464	56	574	0.398	ug/l #	78
36) 1,1-Dichloropropene	5.690	75	407	0.335	ug/l	87
38) Carbon Tetrachloride	5.544	117	7684	5.630	ug/l #	18
39) Methylcyclohexane	7.379	83	725	0.464	ug/l	88
42) 1,2-Dichloroethane	6.092	62	336	0.219	ug/l #	78
44) Trichloroethene	7.141	130	434	0.507	ug/l	81
46) Dibromomethane	7.586	93	271	0.388	ug/l #	48
49) 1,4-Dioxane	7.677	88	240	10.809	ug/l #	49
51) 4-Methyl-2-Pentanone	8.580	43	676	0.445	ug/l #	81
52) Toluene	8.720	92	556	0.255	ug/l	97
53) t-1,3-Dichloropropene	9.000	75	341	0.279	ug/l #	43
59) 2-Hexanone	9.457	43	1117	0.993	ug/l	76
61) 1,2-Dibromoethane	9.616	107	197	0.220	ug/l	85
64) Tetrachloroethene	9.275	164	375	0.456	ug/l	86

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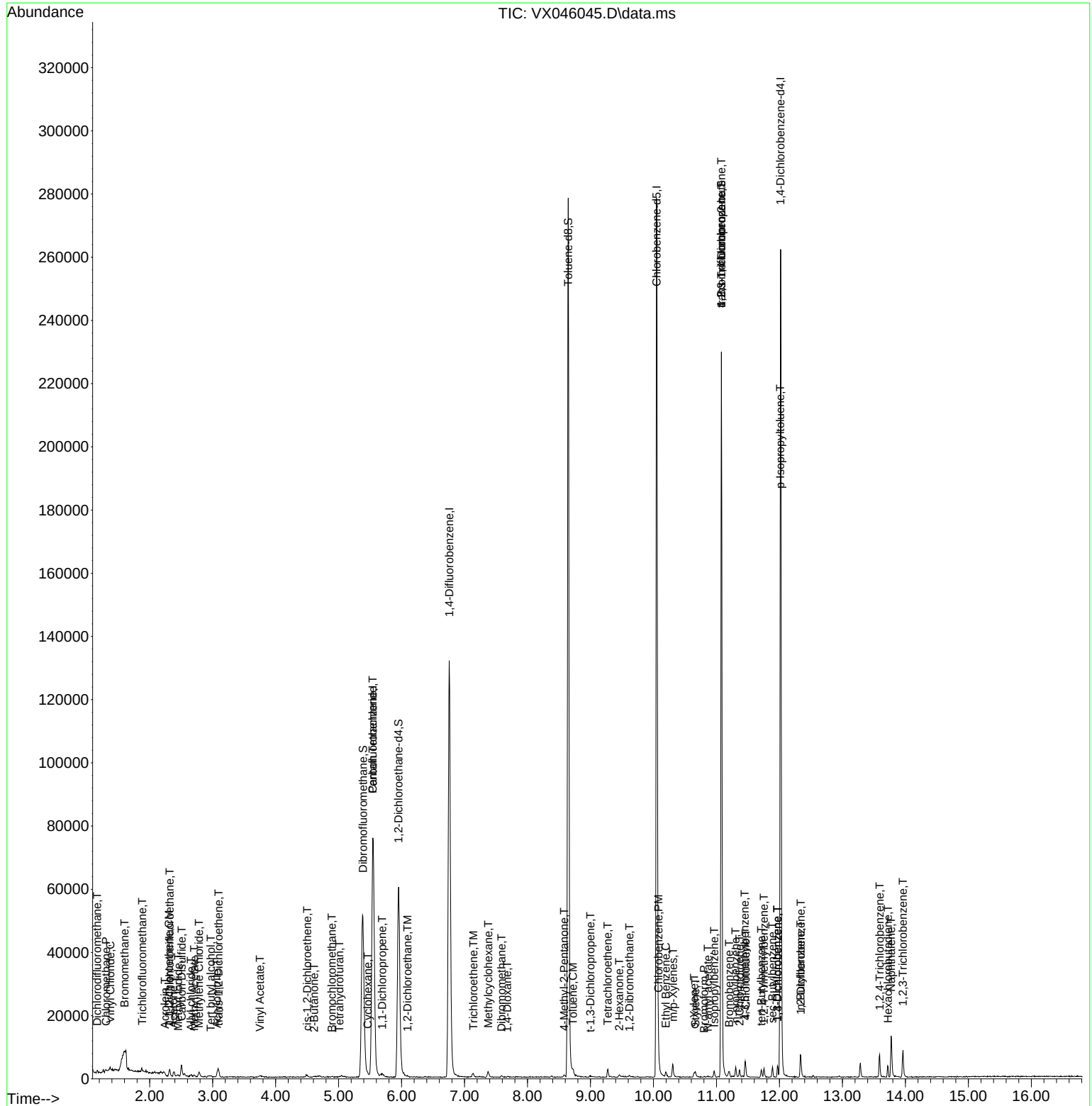
Quant Time: May 06 07:16:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

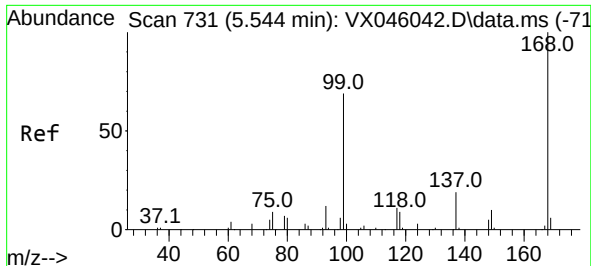
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.079	112	1007	0.396	ug/l #	76
67) Ethyl Benzene	10.195	91	1346	0.300	ug/l	98
68) m/p-Xylenes	10.311	106	1072	0.654	ug/l	86
69) o-Xylene	10.646	106	395	0.247	ug/l	92
70) Styrene	10.665	104	772	0.295	ug/l	92
71) Bromoform	10.805	173	163	0.250	ug/l #	30
73) Isopropylbenzene	10.963	105	1156	0.309	ug/l	90
74) N-amyl acetate	10.866	43	391	0.212	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	34979	30.259	ug/l #	36
77) Bromobenzene	11.201	156	358	0.412	ug/l	75
78) n-propylbenzene	11.305	91	2259	0.520	ug/l	95
79) 2-Chlorotoluene	11.366	91	1548	0.552	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	1162	0.372	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	34979	98.514	ug/l #	1
82) 4-Chlorotoluene	11.463	91	2043	0.657	ug/l	94
83) tert-Butylbenzene	11.713	119	1063	0.338	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	1506	0.476	ug/l	96
85) sec-Butylbenzene	11.890	105	1972	0.510	ug/l	95
86) p-Isopropyltoluene	12.012	119	1689	0.530	ug/l	82
87) 1,3-Dichlorobenzene	11.969	146	1347	0.850	ug/l	98
88) 1,4-Dichlorobenzene	11.969	146	1347	0.833	ug/l	99
89) n-Butylbenzene	12.335	91	2510	0.897	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	1122	0.706	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1798	1.969	ug/l	92
94) Hexachlorobutadiene	13.725	225	492	1.234	ug/l	91
95) Naphthalene	13.774	128	9656	2.883	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2316	2.458	ug/l	94

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

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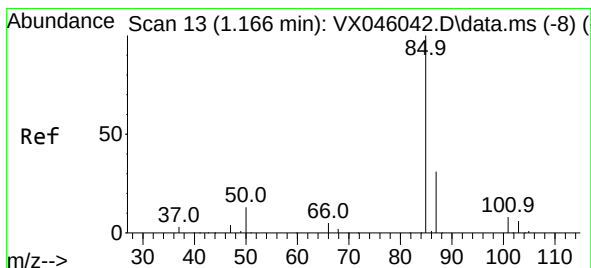
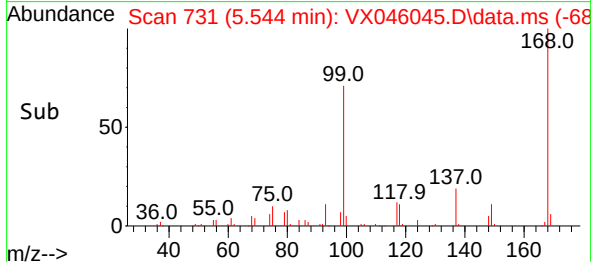
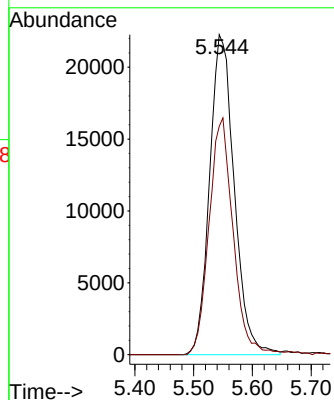
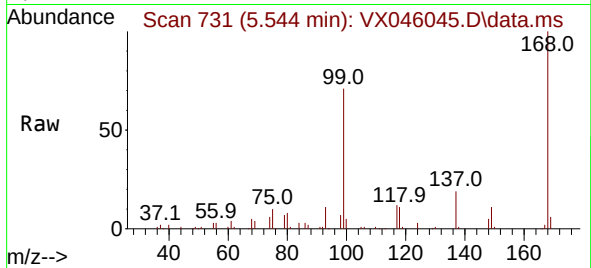




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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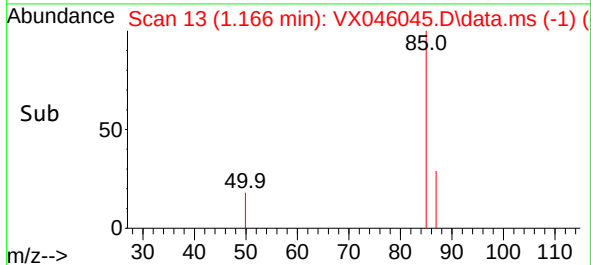
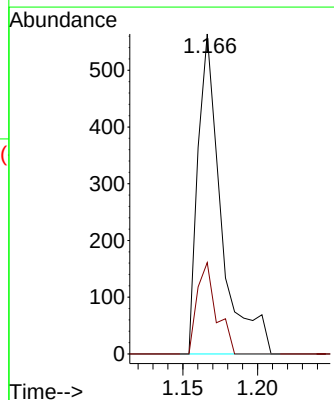
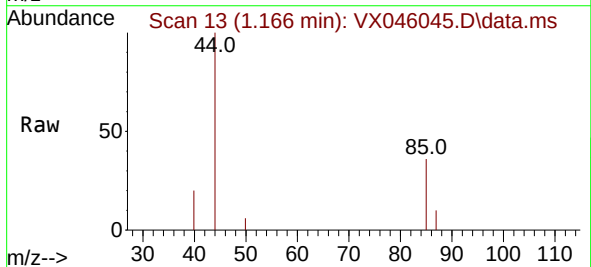
Instrument :
MSVOA_X
ClientSampleId :
IBLK

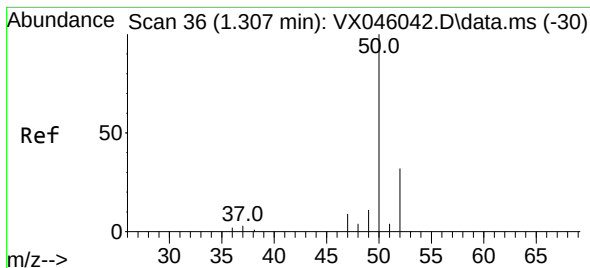
Tgt Ion:168 Resp: 64856
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 0.619 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 85 Resp: 614
Ion Ratio Lower Upper
85 100
87 28.5 15.7 47.1





#3

Chloromethane

Concen: 1.011 ug/l

RT: 1.307 min Scan# 36

Delta R.T. -0.000 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

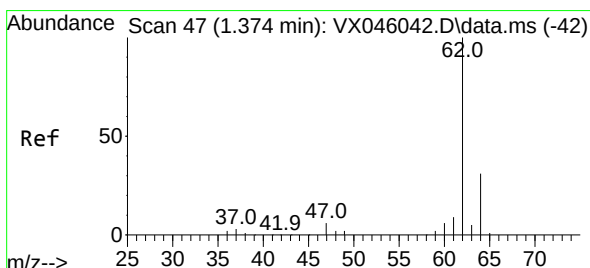
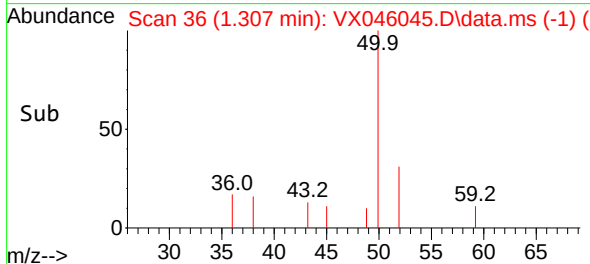
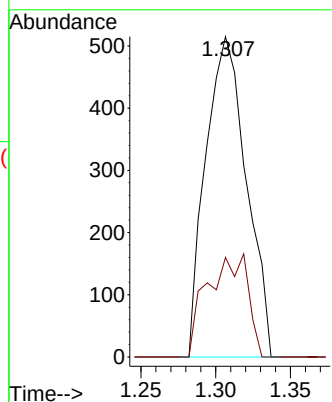
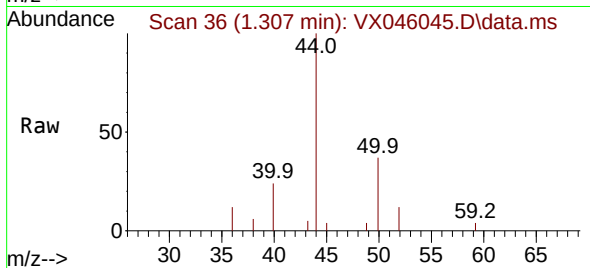
IBLK

Tgt Ion: 50 Resp: 973

Ion Ratio Lower Upper

50 100

52 31.1 25.4 38.2



#4

Vinyl Chloride

Concen: 0.361 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX046045.D

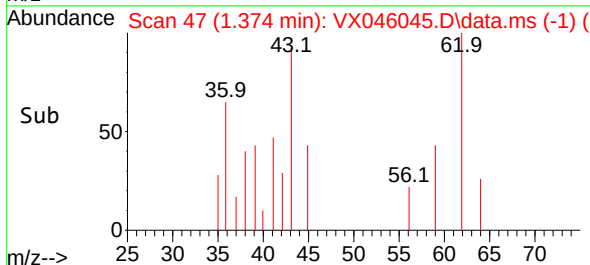
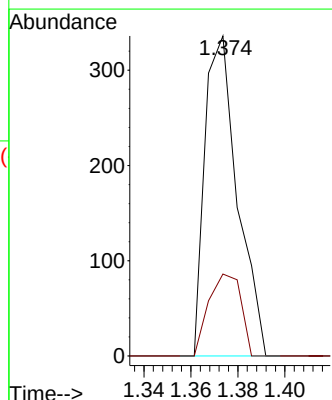
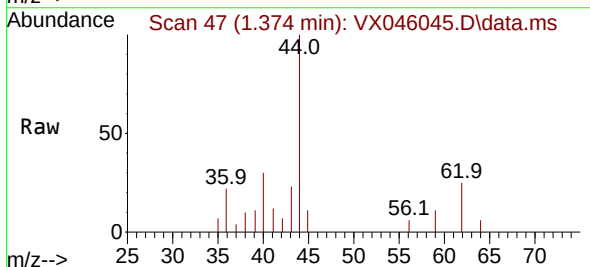
Acq: 05 May 2025 13:08

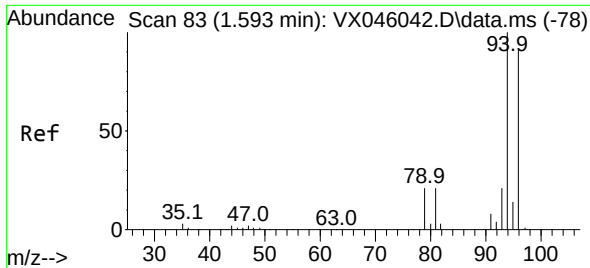
Tgt Ion: 62 Resp: 323

Ion Ratio Lower Upper

62 100

64 25.6 25.2 37.8

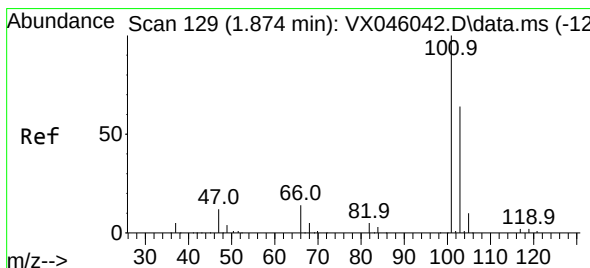
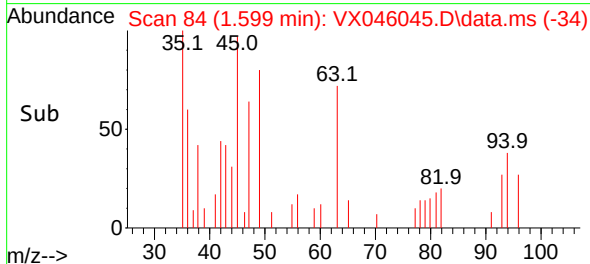
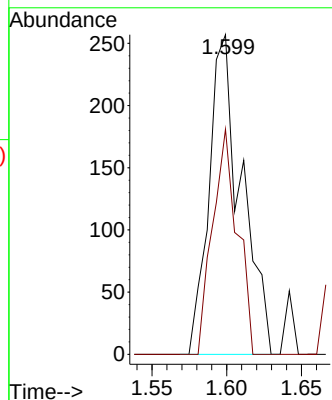
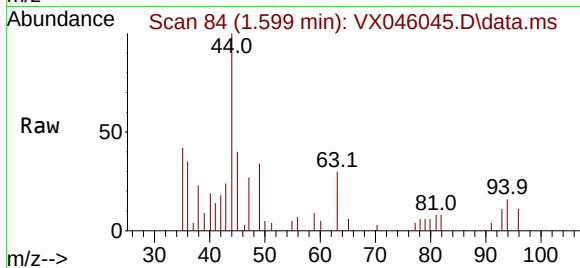




#5
Bromomethane
Concen: 0.931 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

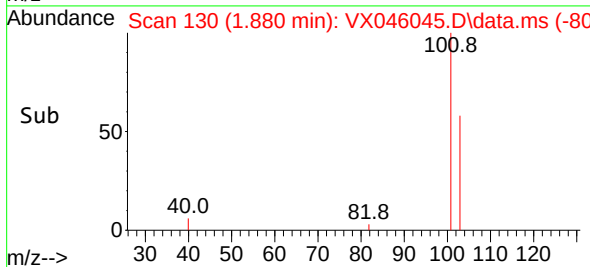
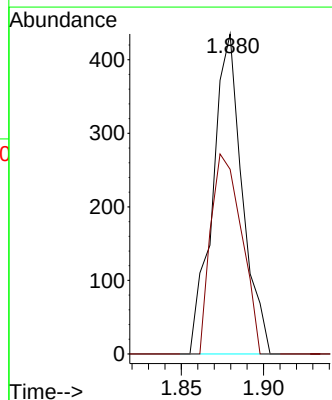
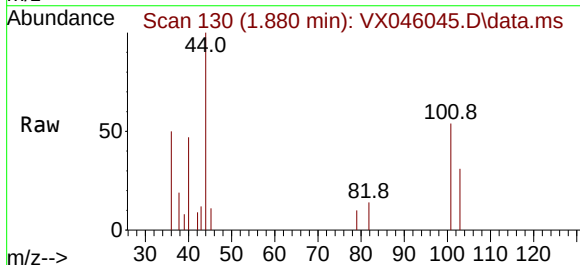
Instrument :
MSVOA_X
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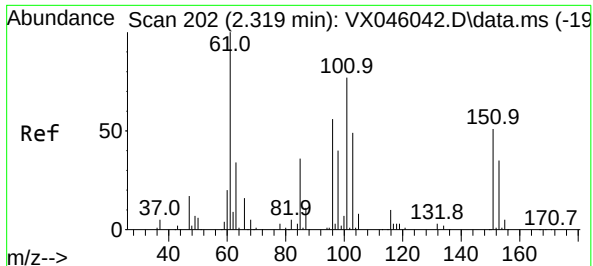
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 70.4 72.8 109.2#



#7
Trichlorofluoromethane
Concen: 0.413 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:101 Resp: 547
Ion Ratio Lower Upper
101 100
103 57.7 51.0 76.4

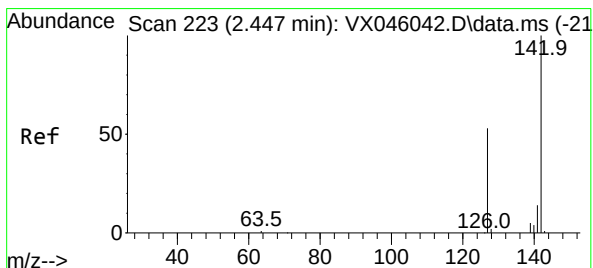
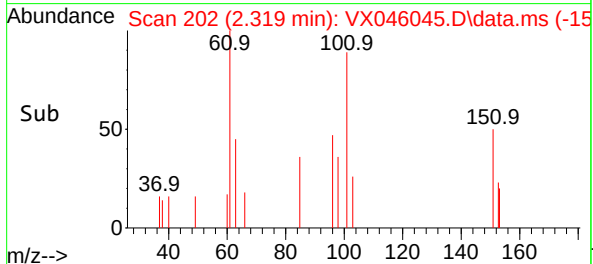
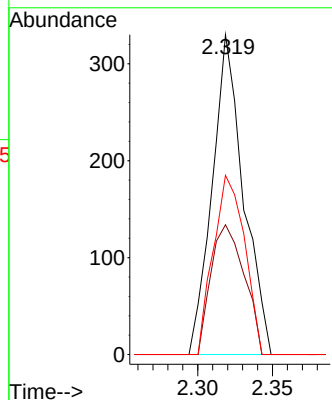
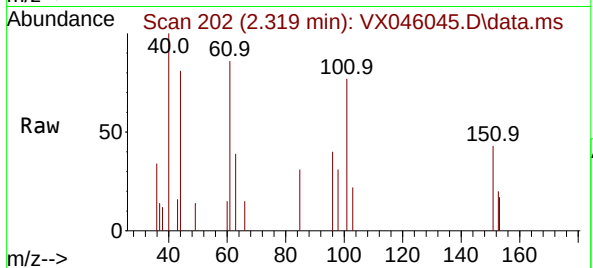




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.583 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

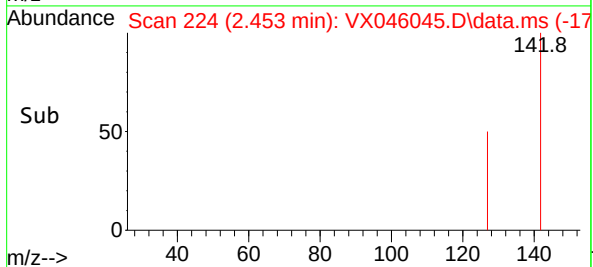
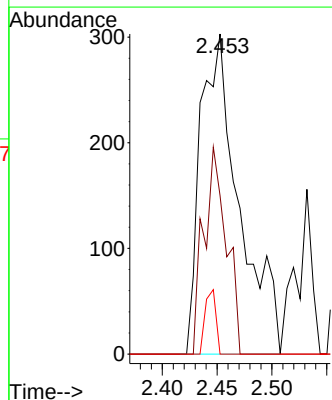
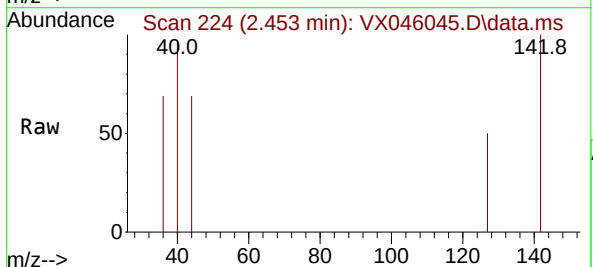
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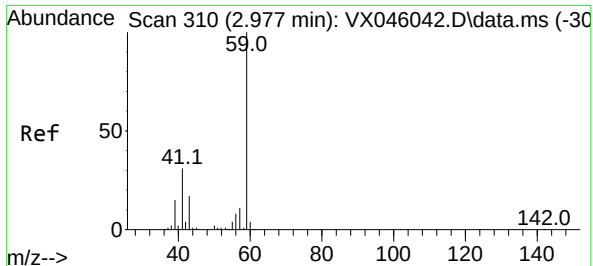
Tgt Ion:101 Resp: 478
Ion Ratio Lower Upper
101 100
85 43.3 38.6 58.0
151 56.1 55.2 82.8



#10
Methyl Iodide
Concen: 0.766 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:142 Resp: 743
Ion Ratio Lower Upper
142 100
127 37.8 41.7 62.5#
141 5.5 11.5 17.3#





#11

Tert butyl alcohol

Concen: 2.257 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

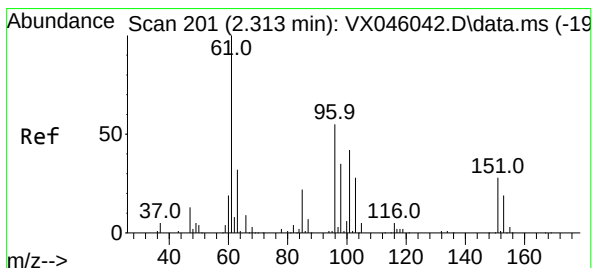
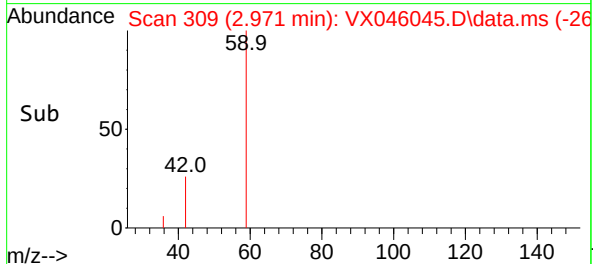
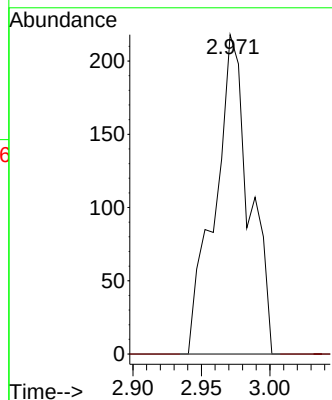
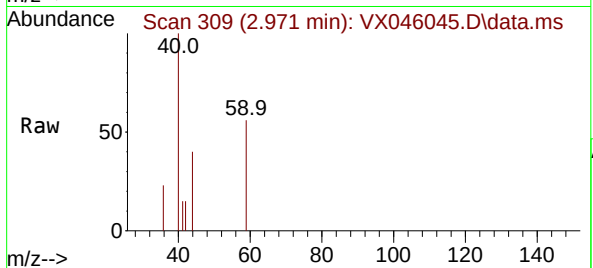
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Tgt Ion: 59 Resp: 383

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#12

1,1-Dichloroethene

Concen: 0.468 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

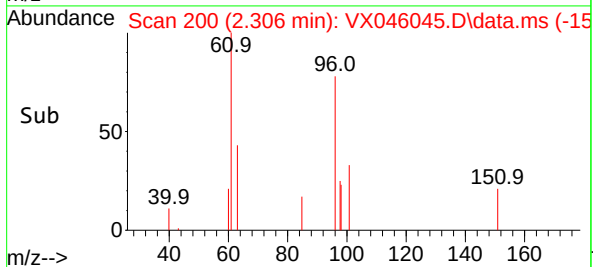
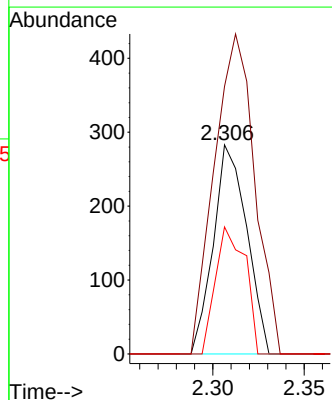
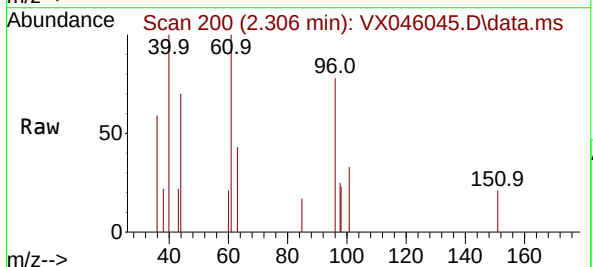
Tgt Ion: 96 Resp: 360

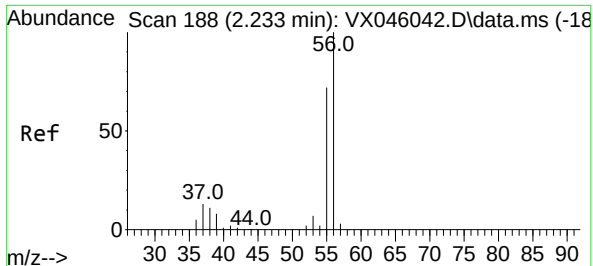
Ion Ratio Lower Upper

96 100

61 127.9 146.2 219.2#

98 60.8 51.0 76.6

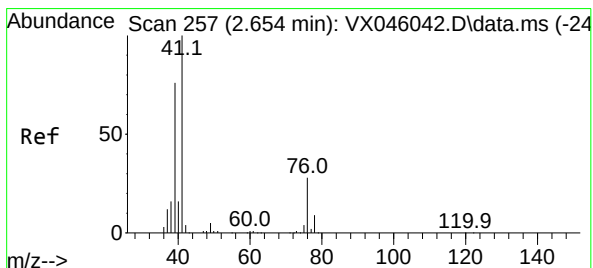
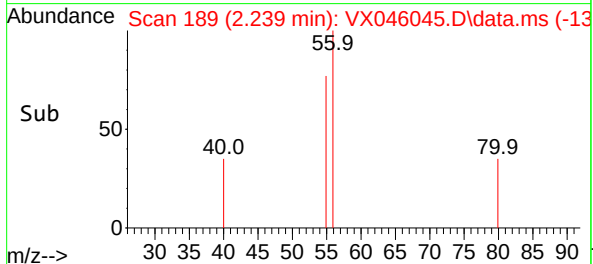
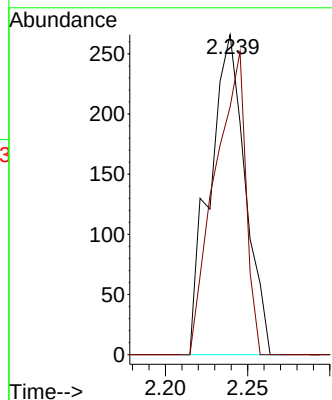
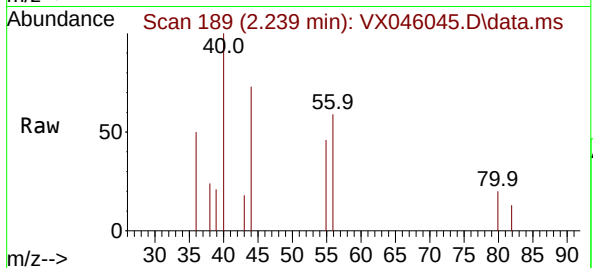




#13
Acrolein
Concen: 2.064 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

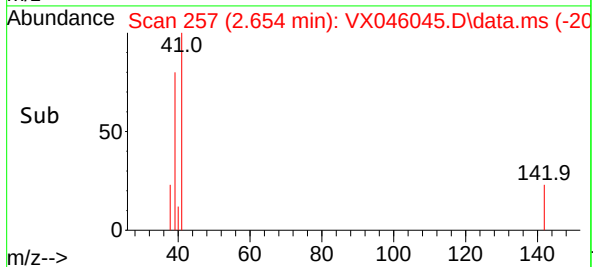
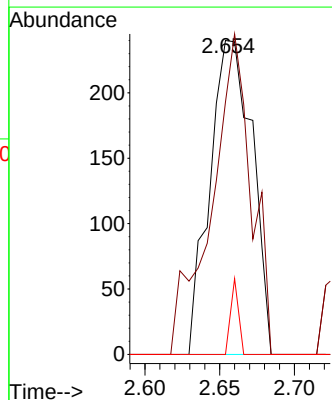
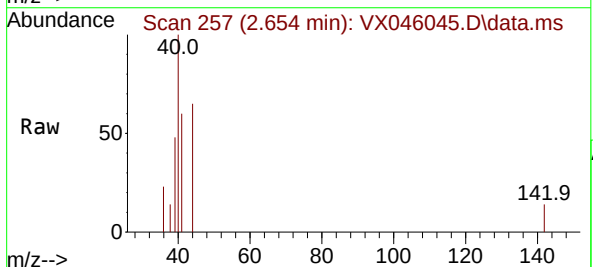
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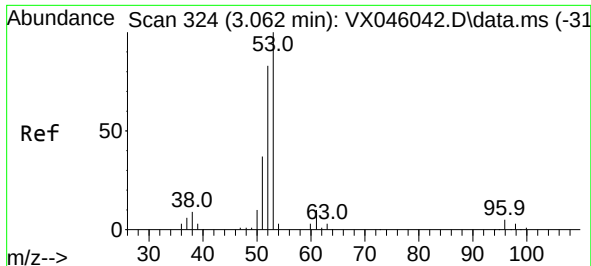
Tgt Ion: 56 Resp: 399
Ion Ratio Lower Upper
56 100
55 82.2 56.2 84.4



#14
Allyl chloride
Concen: 0.323 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 41 Resp: 474
Ion Ratio Lower Upper
41 100
39 96.0 60.6 90.8#
76 0.0 24.9 37.3#





#15

Acrylonitrile

Concen: 2.145 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK

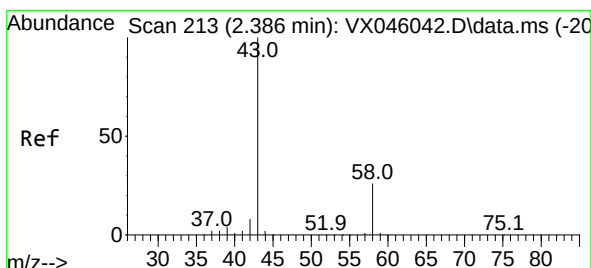
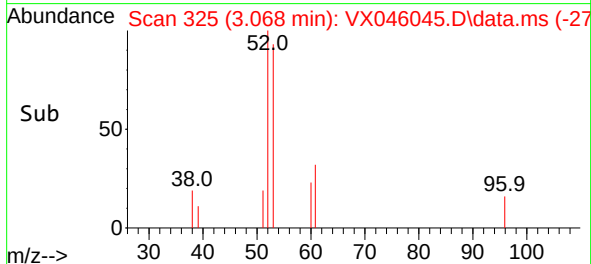
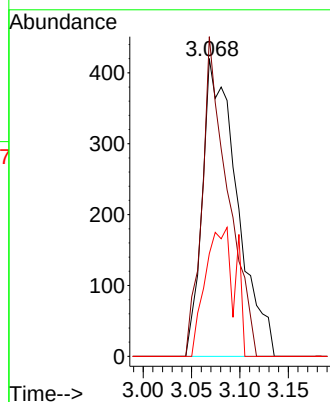
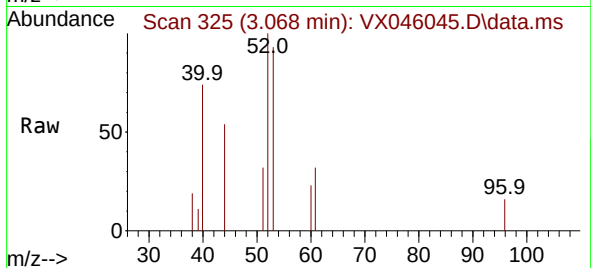
Tgt Ion: 53 Resp: 1041

Ion Ratio Lower Upper

53 100

52 80.4 65.3 97.9

51 37.0 29.8 44.8



#16

Acetone

Concen: 3.727 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046045.D

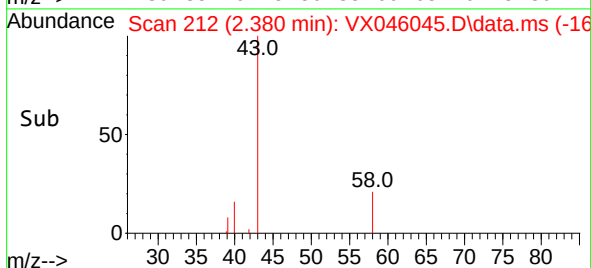
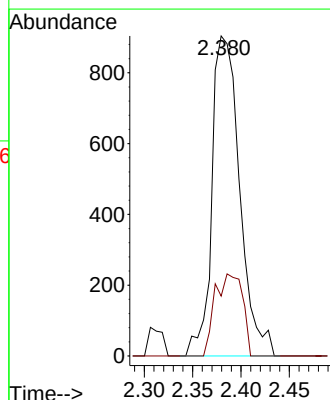
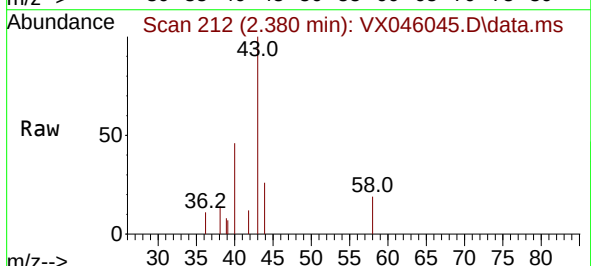
Acq: 05 May 2025 13:08

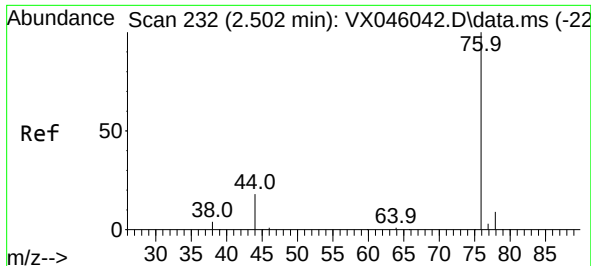
Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

43 100

58 18.7 21.2 31.8#





#17

Carbon Disulfide

Concen: 2.552 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

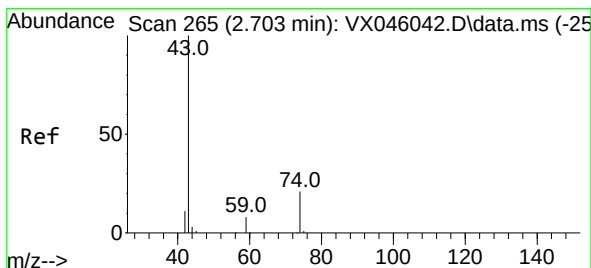
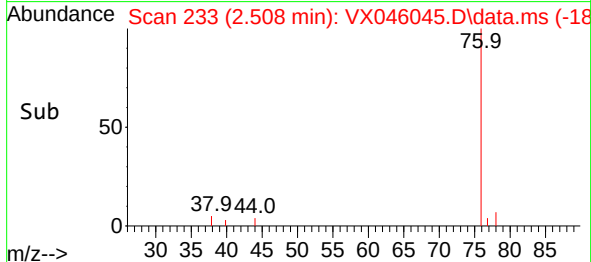
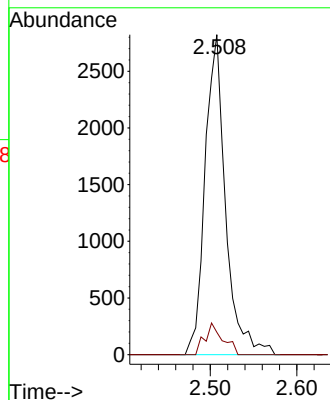
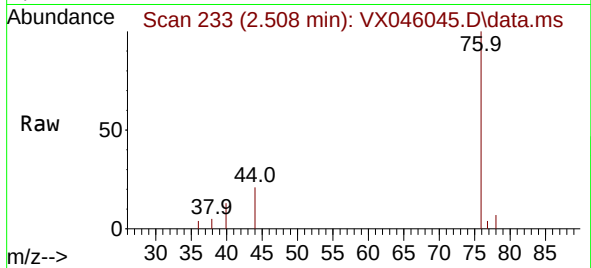
IBLK

Tgt Ion: 76 Resp: 4652

Ion Ratio Lower Upper

76 100

78 7.0 7.0 10.4



#18

Methyl Acetate

Concen: 0.576 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX046045.D

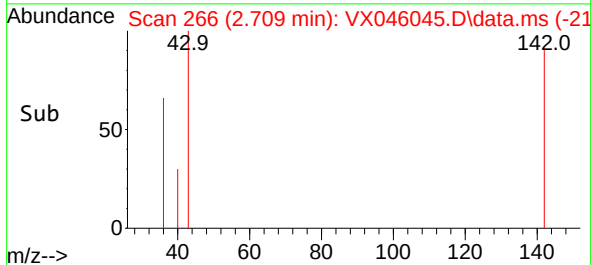
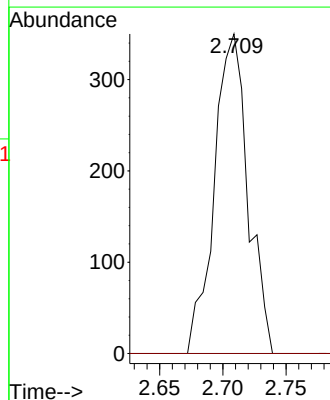
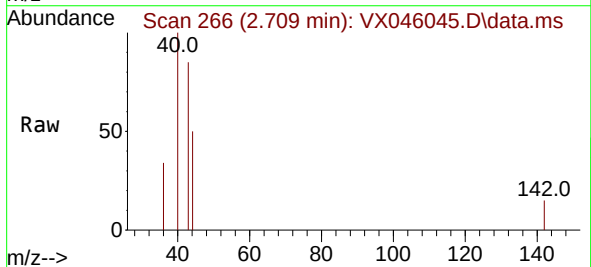
Acq: 05 May 2025 13:08

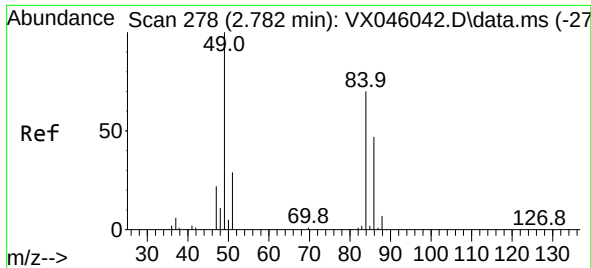
Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#

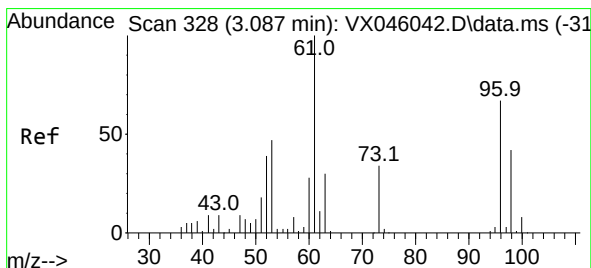
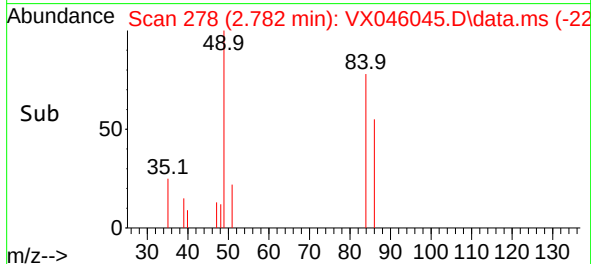
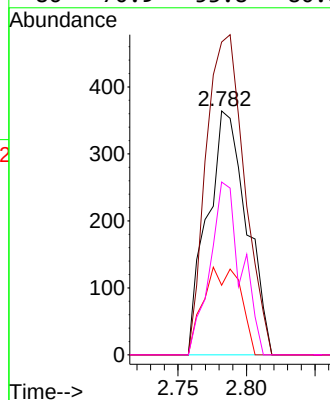
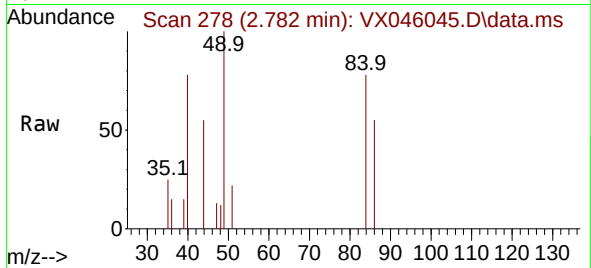




#20
Methylene Chloride
Concen: 0.783 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

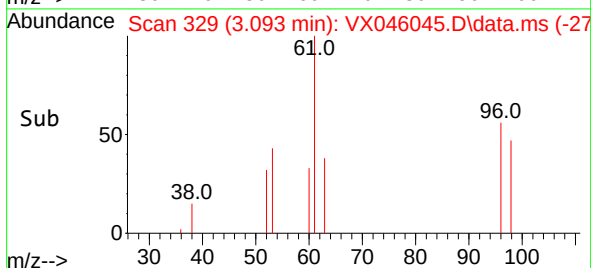
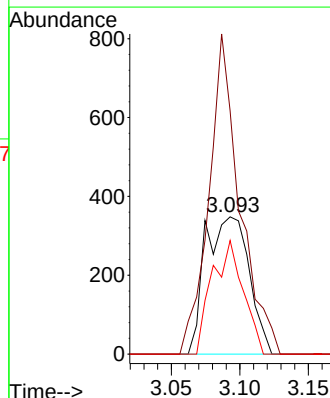
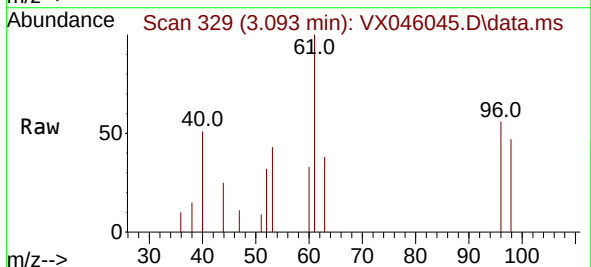
Instrument :
MSVOA_X
ClientSampleId :
IBLK

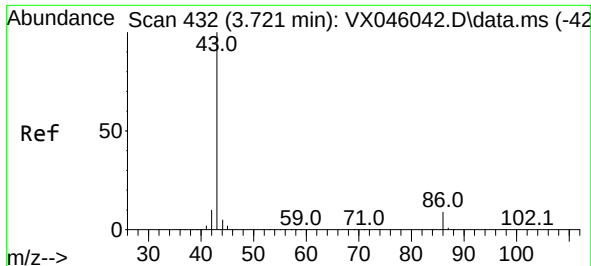
Tgt Ion: 84	Resp: 727
Ion Ratio	Lower Upper
84 100	
49 128.3	113.9 170.9
51 28.6	33.5 50.3#
86 70.9	53.8 80.8



#21
trans-1,2-Dichloroethene
Concen: 1.001 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 96	Resp: 774		
Ion Ratio	Lower	Upper	
96 100			
61 177.3	119.5	179.3	
98 82.8	50.0	75.0#	

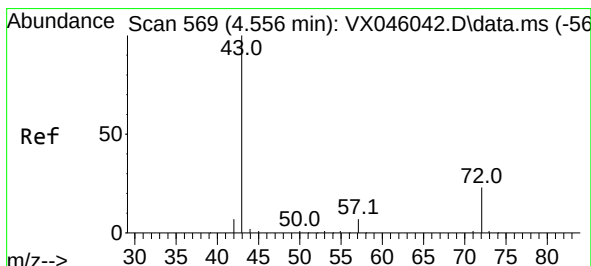
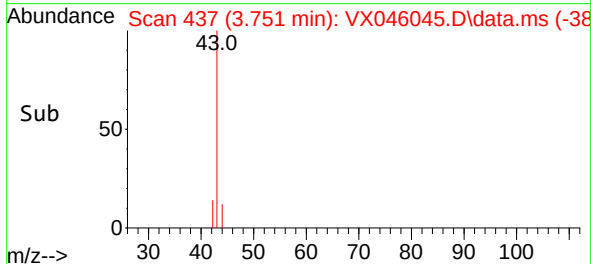
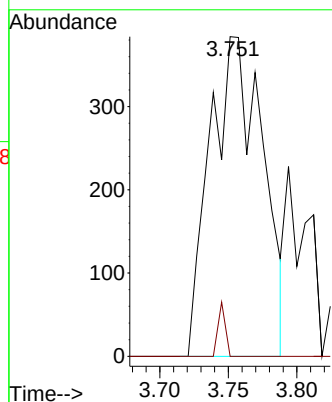
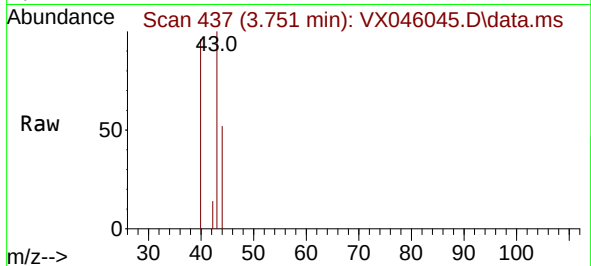




#23
 Vinyl Acetate
 Concen: 0.408 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX046045.D
 Acq: 05 May 2025 13:08

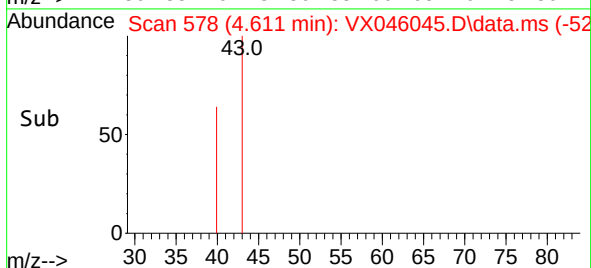
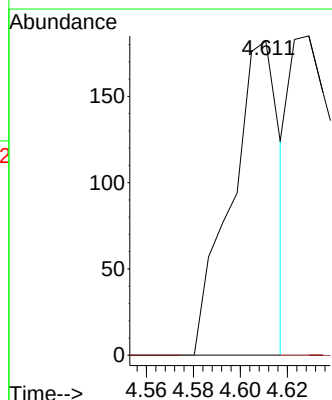
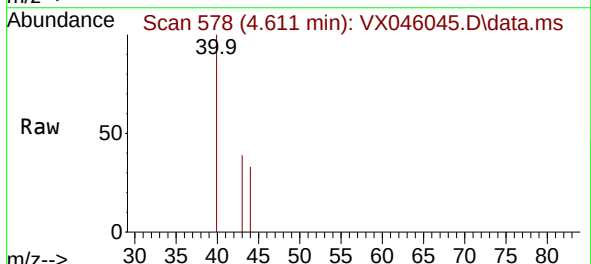
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

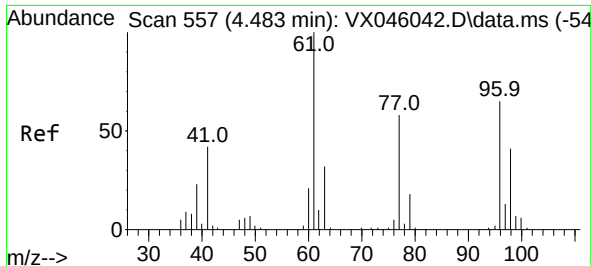
Tgt Ion: 43 Resp: 1018
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#25
 2-Butanone
 Concen: 0.369 ug/l
 RT: 4.611 min Scan# 578
 Delta R.T. 0.055 min
 Lab File: VX046045.D
 Acq: 05 May 2025 13:08

Tgt Ion: 43 Resp: 260
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.4 27.6#





#27

cis-1,2-Dichloroethene

Concen: 0.398 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK

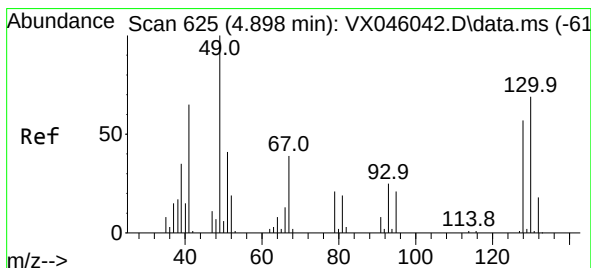
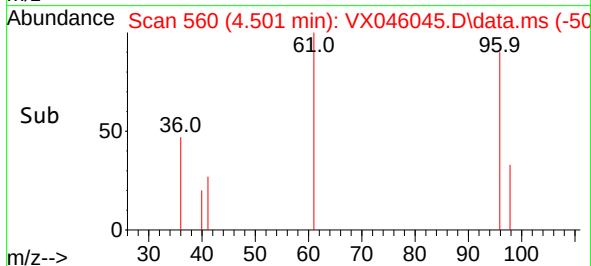
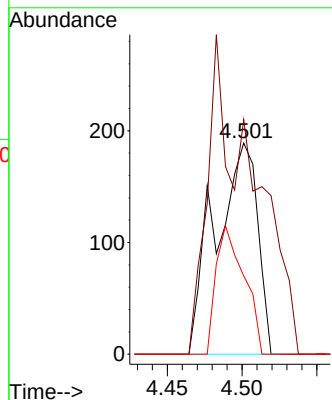
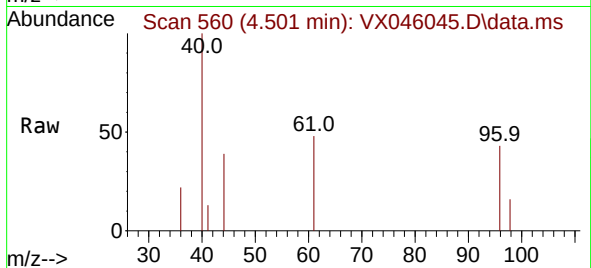
Tgt Ion: 96 Resp: 371

Ion Ratio Lower Upper

96 100

61 80.3 0.0 322.8

98 40.4 0.0 129.0



#28

Bromochloromethane

Concen: 0.307 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

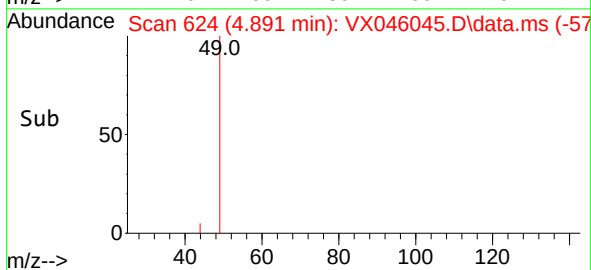
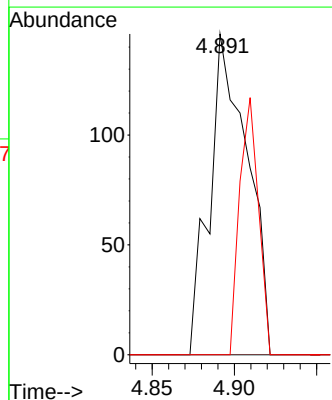
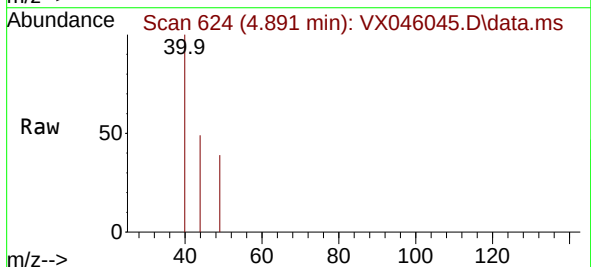
Tgt Ion: 49 Resp: 234

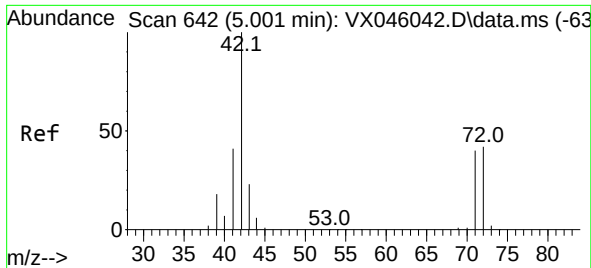
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 39.7 56.2 84.2#

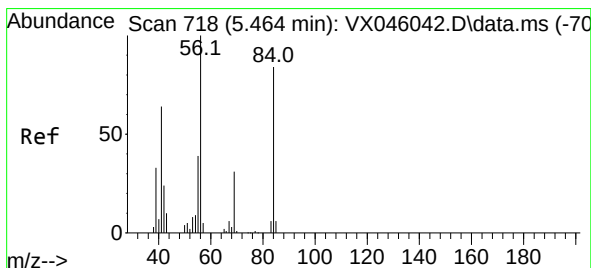
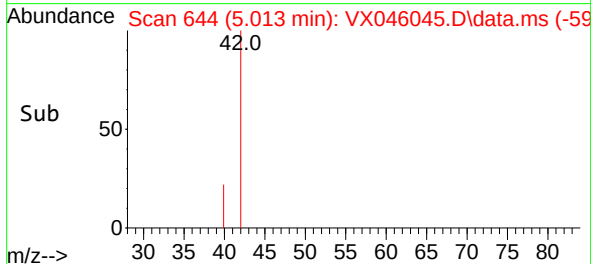
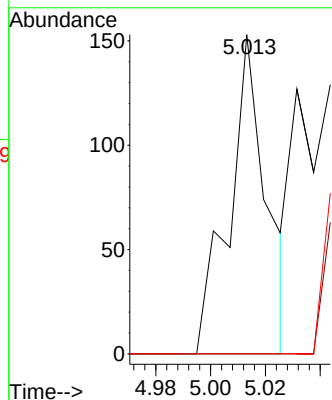
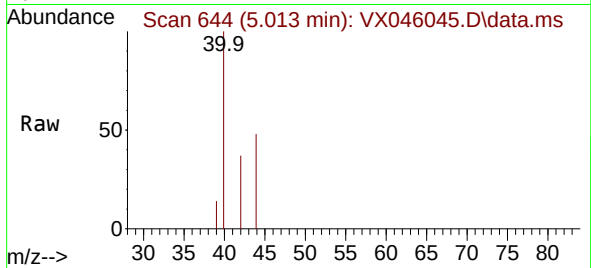




#29
Tetrahydrofuran
Concen: 0.327 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

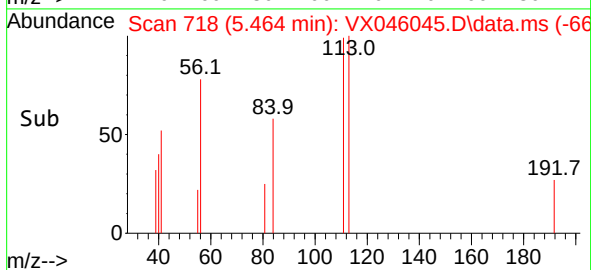
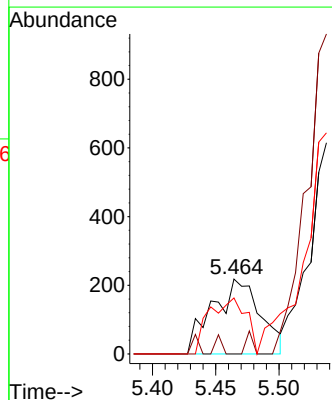
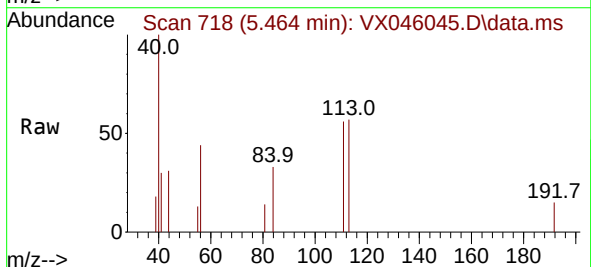
Instrument :
MSVOA_X
ClientSampleId :
IBLK

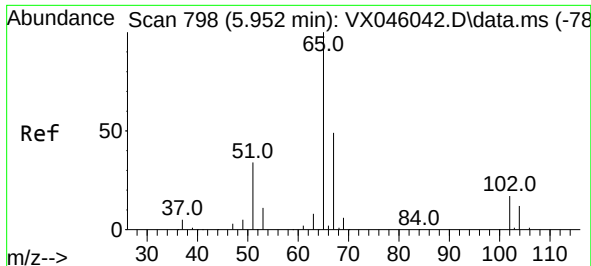
Tgt Ion: 42 Resp: 144
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 31.4 47.2#



#31
Cyclohexane
Concen: 0.398 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 56 Resp: 574
Ion Ratio Lower Upper
56 100
69 0.0 24.4 36.6#
84 74.8 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.676 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

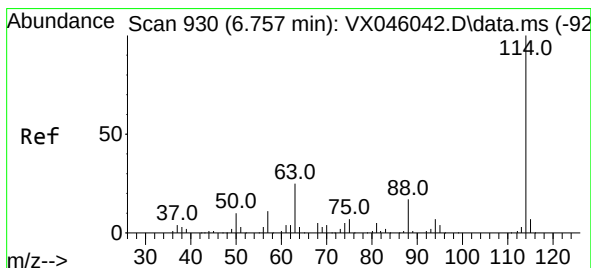
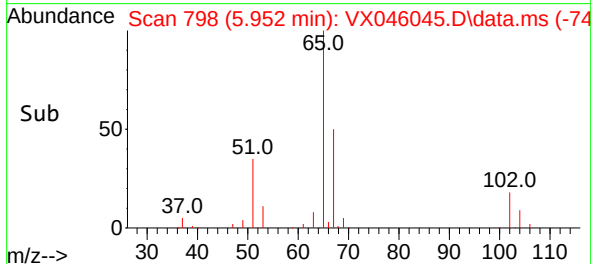
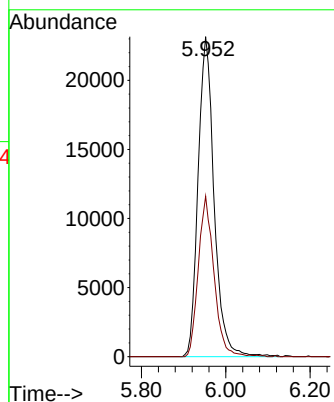
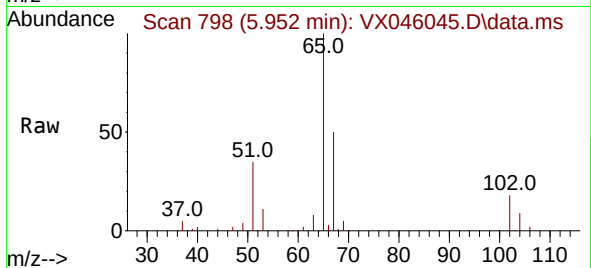
IBLK

Tgt Ion: 65 Resp: 61274

Ion Ratio Lower Upper

65 100

67 49.3 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: VX046045.D

Acq: 05 May 2025 13:08

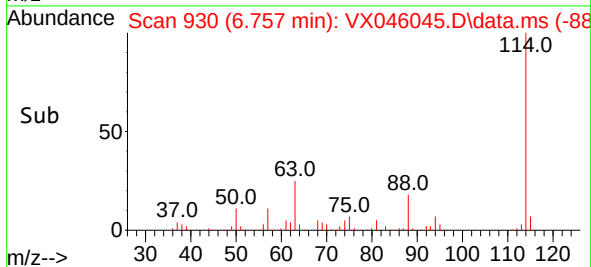
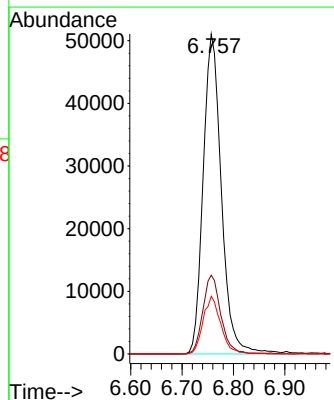
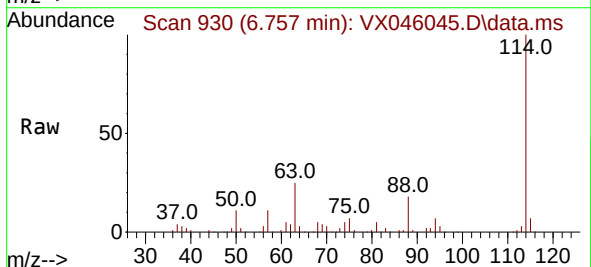
Tgt Ion: 114 Resp: 125555

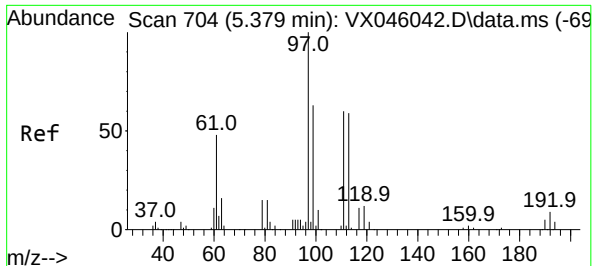
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 18.0 0.0 33.6

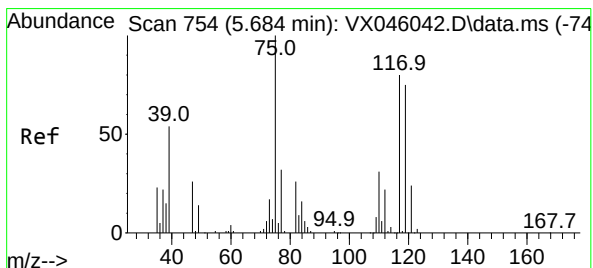
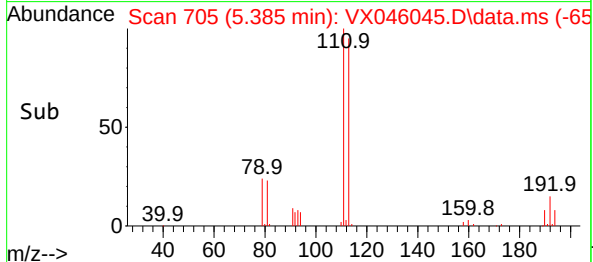
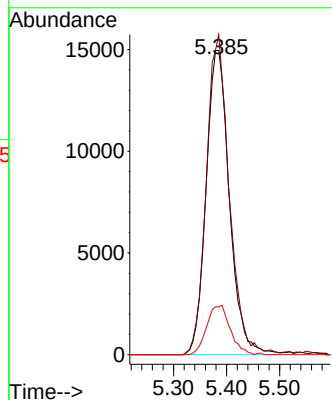
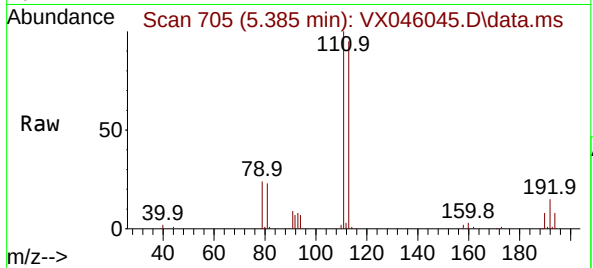




#35
Dibromofluoromethane
Concen: 50.536 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

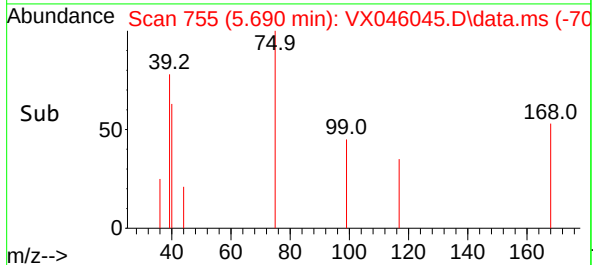
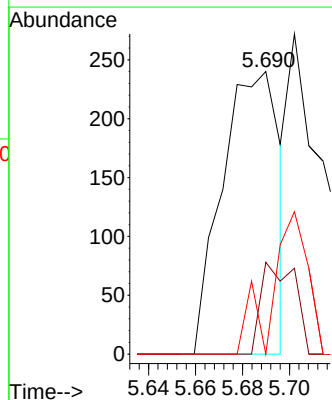
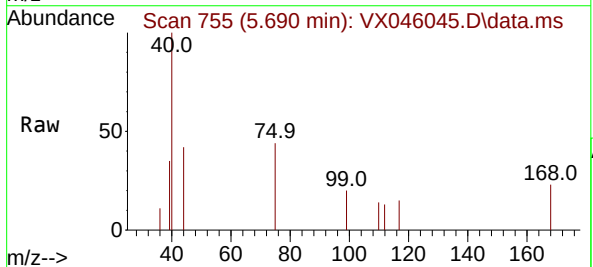
Instrument :
MSVOA_X
ClientSampleId :
IBLK

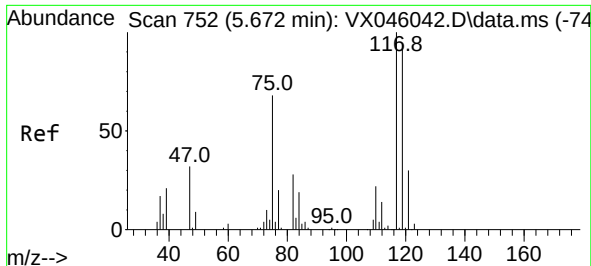
Tgt Ion:113 Resp: 45691
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.335 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

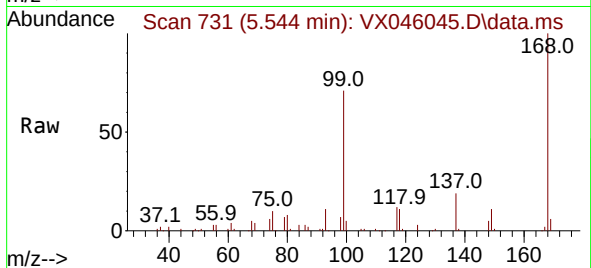
Tgt Ion: 75 Resp: 407
Ion Ratio Lower Upper
75 100
110 19.2 16.3 48.9
77 31.4 24.3 36.5



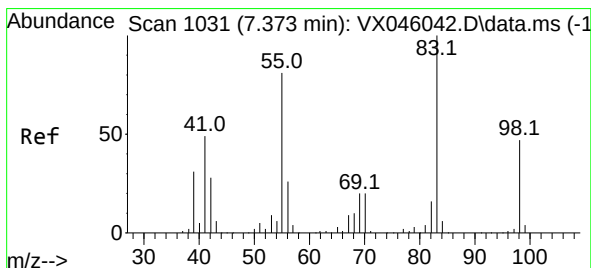
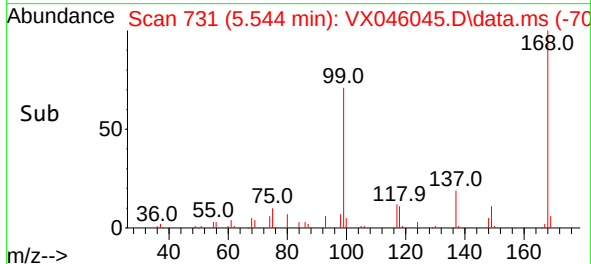
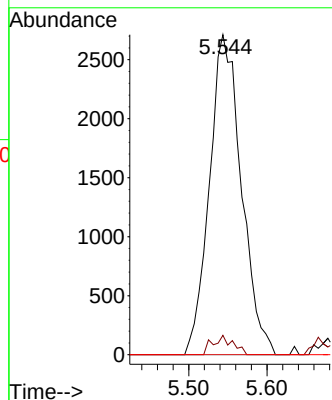


#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
IBLK

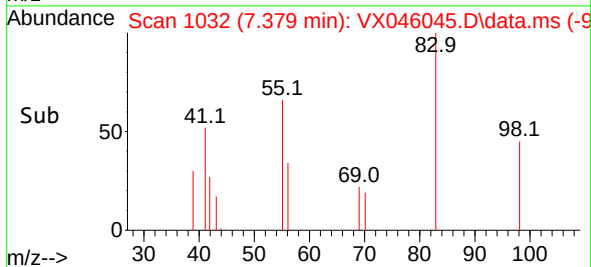
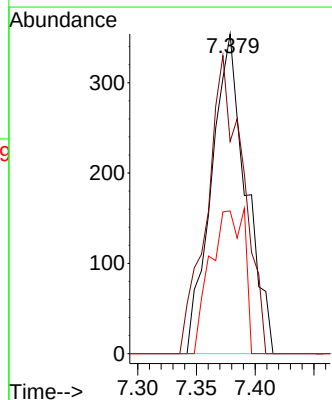
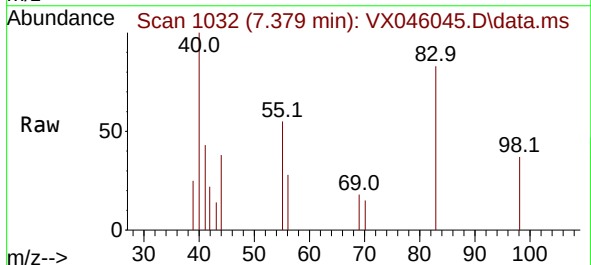


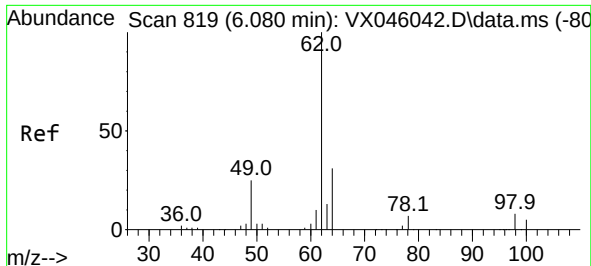
Tgt Ion: 117 Resp: 7684
Ion Ratio Lower Upper
117 100
119 6.1 75.2 112.8#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 0.464 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 83 Resp: 725
Ion Ratio Lower Upper
83 100
55 66.4 64.7 97.1
98 44.6 37.4 56.2

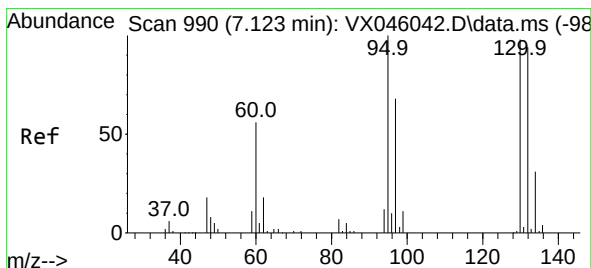
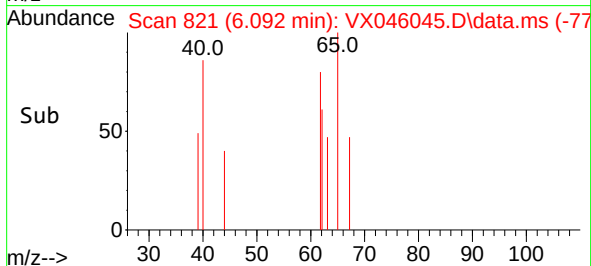
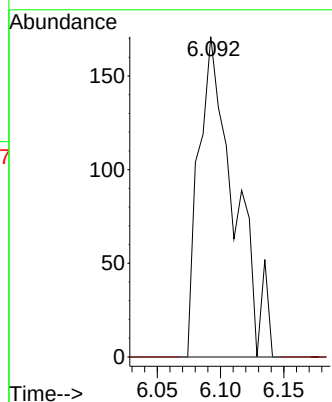
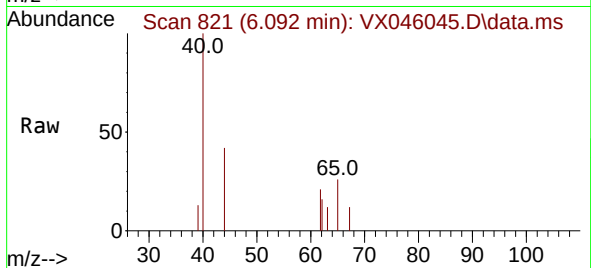




#42
1,2-Dichloroethane
Concen: 0.219 ug/l
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

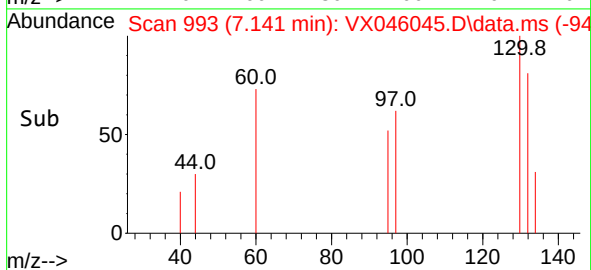
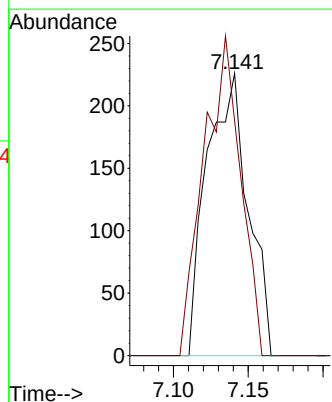
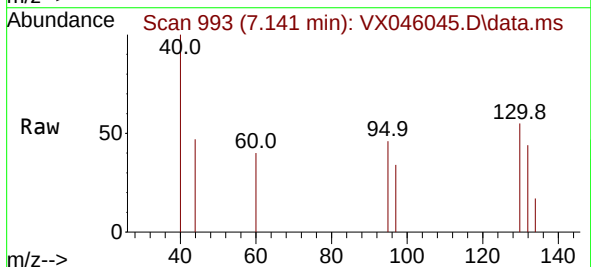
Instrument :
MSVOA_X
ClientSampleId :
IBLK

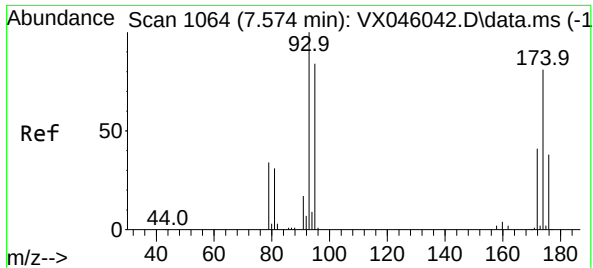
Tgt Ion: 62 Resp: 336
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.2



#44
Trichloroethene
Concen: 0.507 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:130 Resp: 434
Ion Ratio Lower Upper
130 100
95 83.2 0.0 204.2

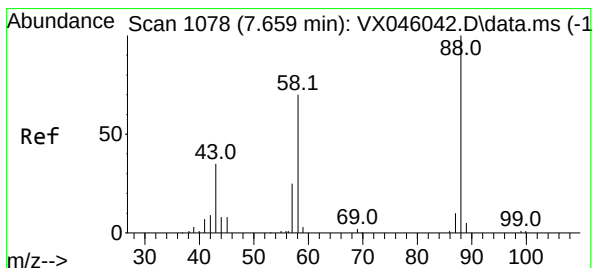
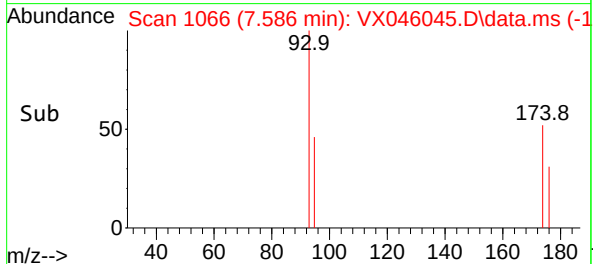
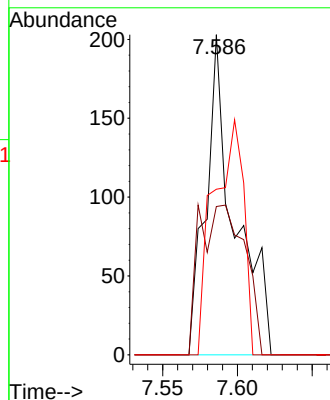
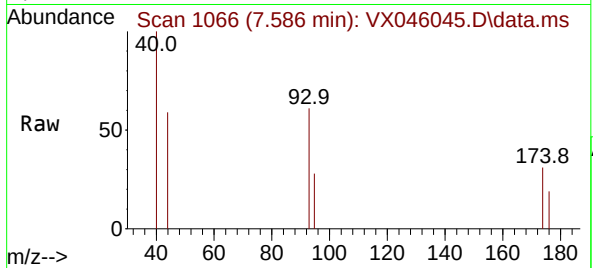




#46
Dibromomethane
Concen: 0.388 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

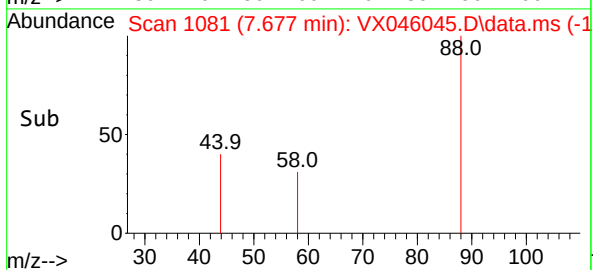
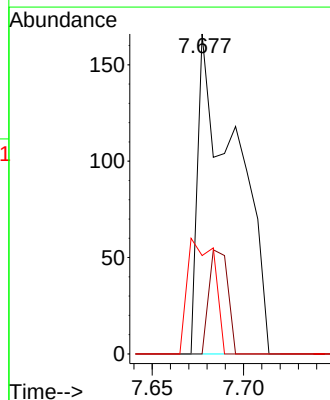
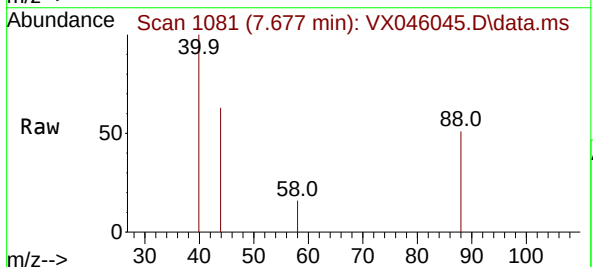
Instrument :
MSVOA_X
ClientSampleId :
IBLK

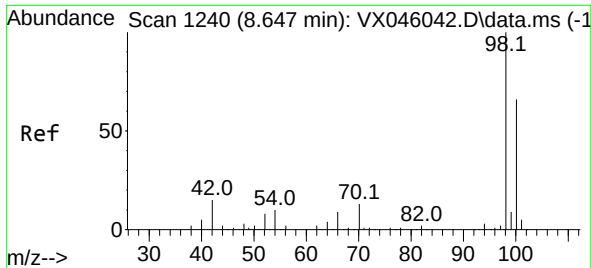
Tgt Ion: 93 Resp: 271
Ion Ratio Lower Upper
93 100
95 73.8 65.6 98.4
174 0.0 68.2 102.2#



#49
1,4-Dioxane
Concen: 10.809 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 88 Resp: 240
Ion Ratio Lower Upper
88 100
43 15.8 33.4 50.2#
58 25.4 58.6 88.0#

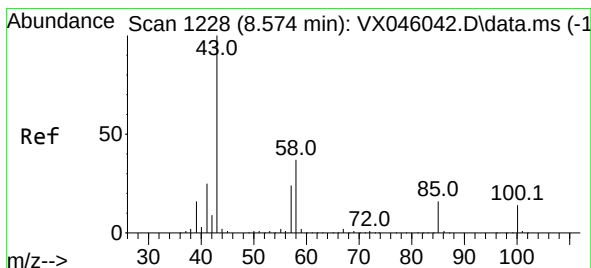
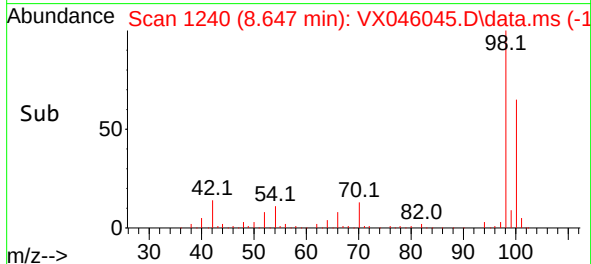
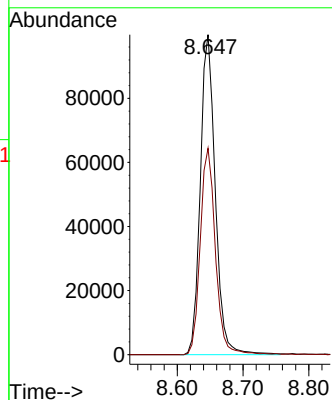
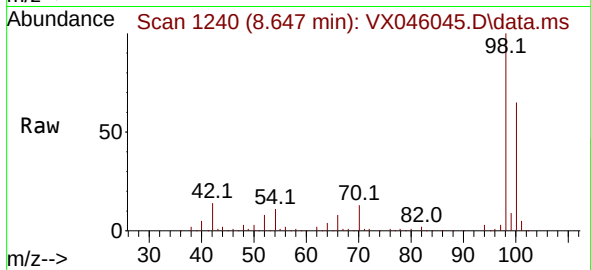




#50
Toluene-d8
Concen: 50.506 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

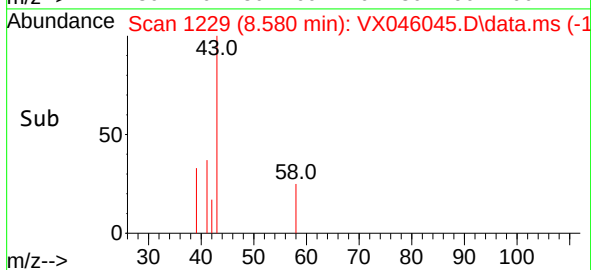
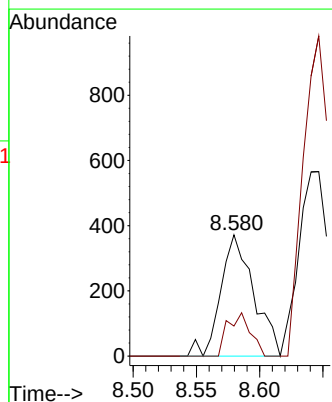
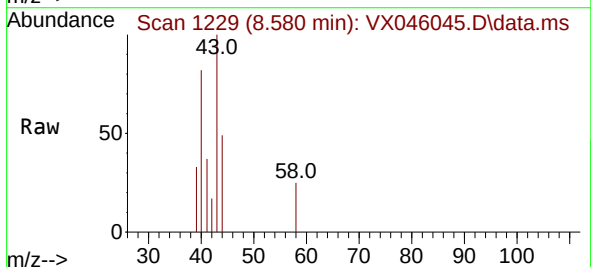
Instrument :
MSVOA_X
ClientSampleId :
IBLK

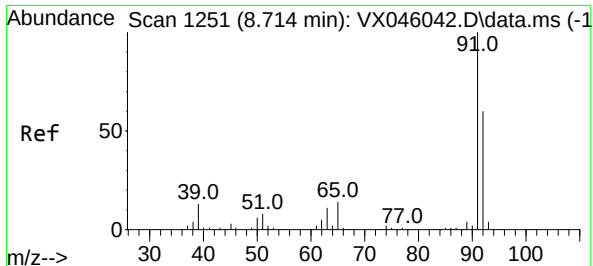
Tgt Ion: 98 Resp: 158049
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 24.7 28.9 43.3#





#52

Toluene

Concen: 0.255 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

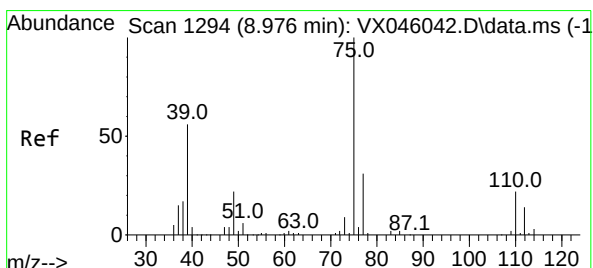
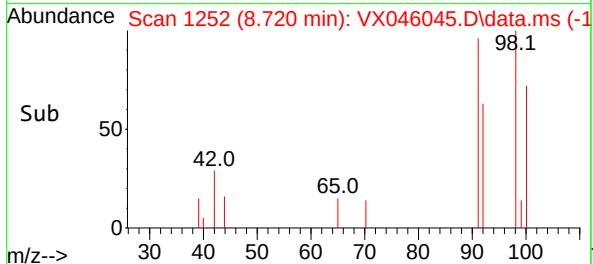
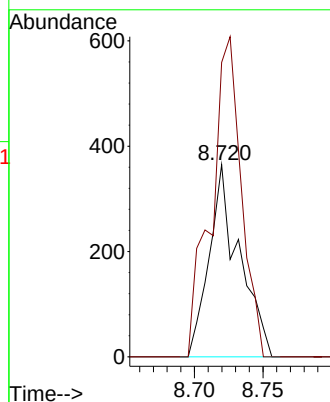
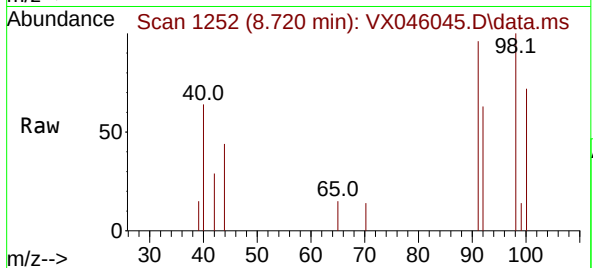
IBLK

Tgt Ion: 92 Resp: 556

Ion Ratio Lower Upper

92 100

91 167.1 136.6 205.0



#53

t-1,3-Dichloropropene

Concen: 0.279 ug/l

RT: 9.000 min Scan# 1298

Delta R.T. 0.024 min

Lab File: VX046045.D

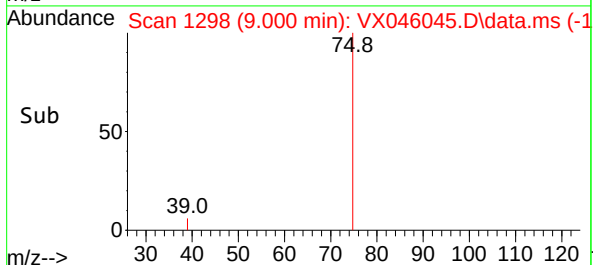
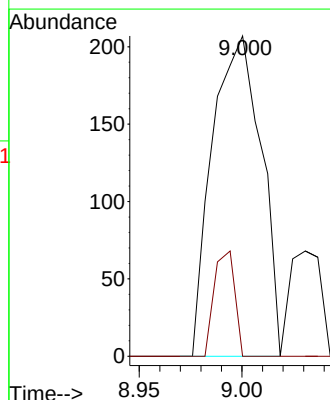
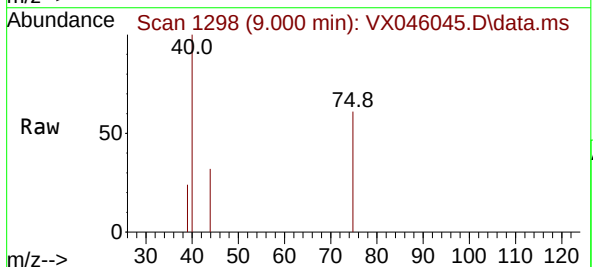
Acq: 05 May 2025 13:08

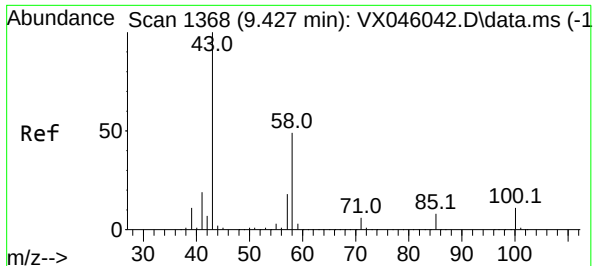
Tgt Ion: 75 Resp: 341

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#





#59

2-Hexanone

Concen: 0.993 ug/l

RT: 9.457 min Scan# 1117

Delta R.T. 0.030 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

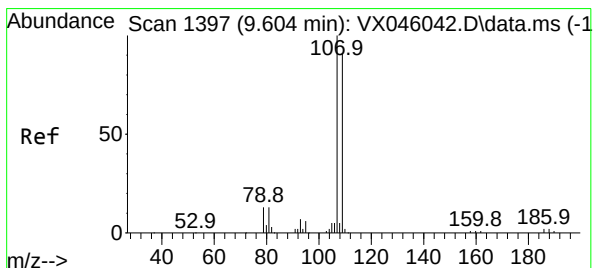
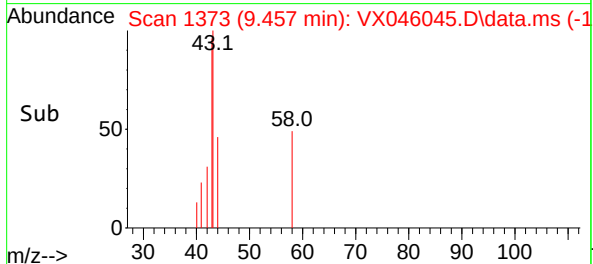
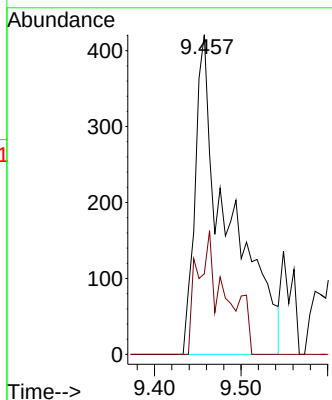
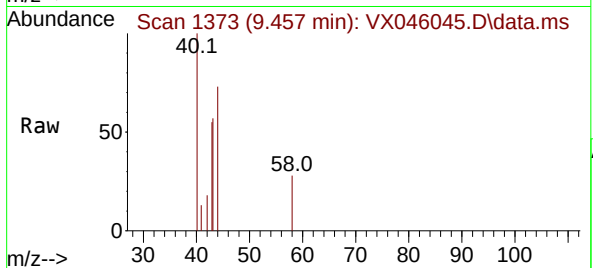
IBLK

Tgt Ion: 43 Resp: 1117

Ion Ratio Lower Upper

43 100

58 32.9 24.9 74.6



#61

1,2-Dibromoethane

Concen: 0.220 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.012 min

Lab File: VX046045.D

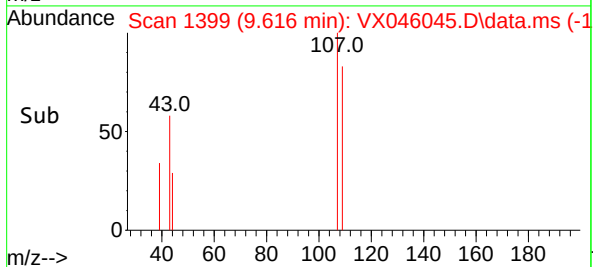
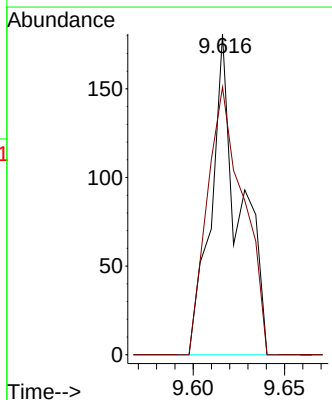
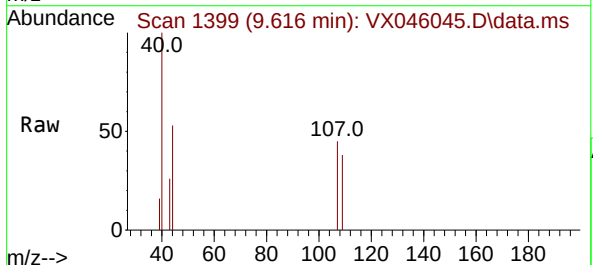
Acq: 05 May 2025 13:08

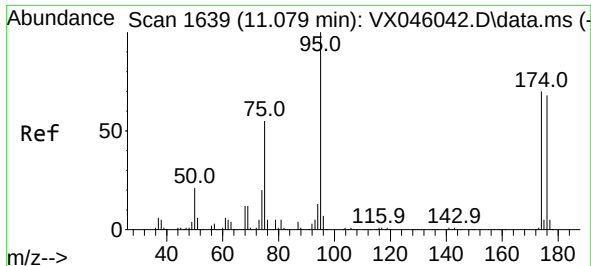
Tgt Ion: 107 Resp: 197

Ion Ratio Lower Upper

107 100

109 105.6 73.3 109.9

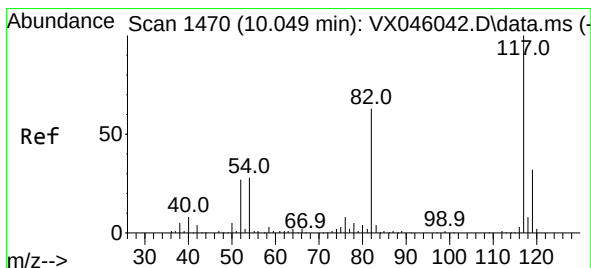
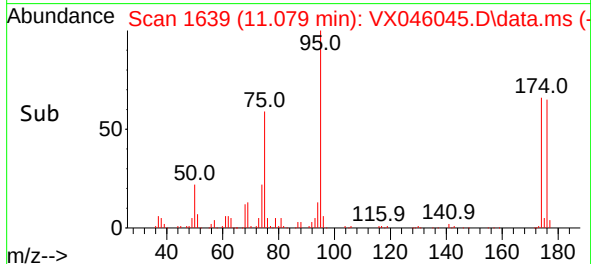
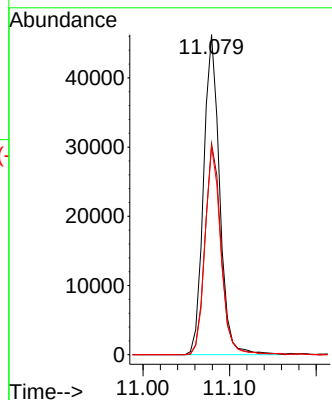
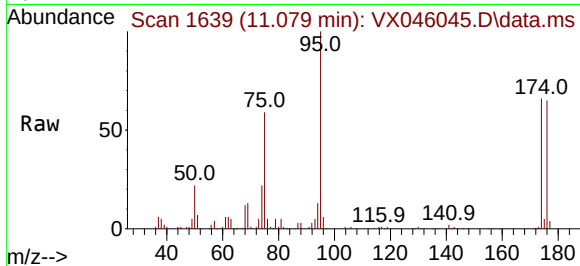




#62
4-Bromofluorobenzene
Concen: 49.438 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

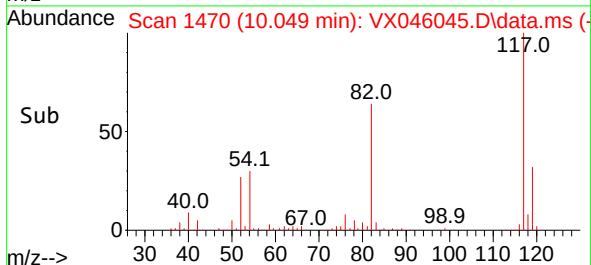
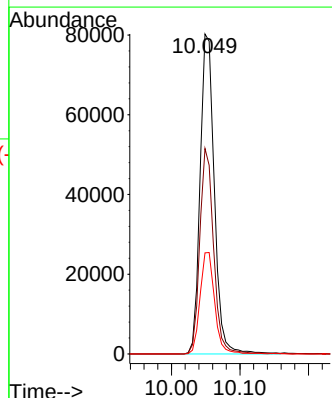
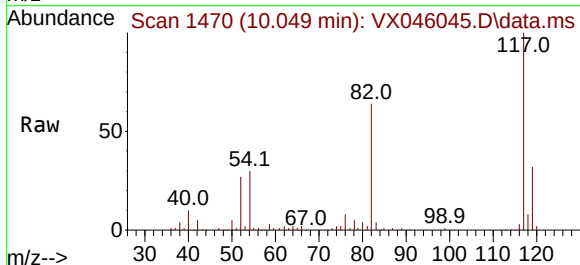
Instrument :
MSVOA_X
ClientSampleId :
IBLK

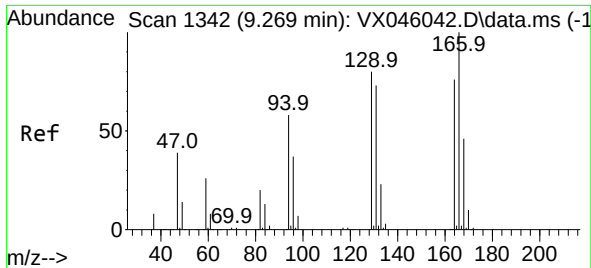
Tgt Ion: 95 Resp: 59343
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 117 Resp: 116143
Ion Ratio Lower Upper
117 100
82 64.2 50.6 76.0
119 31.6 25.8 38.6

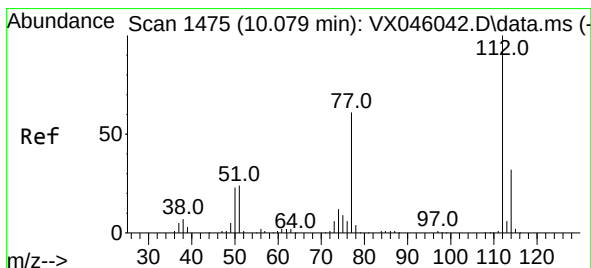
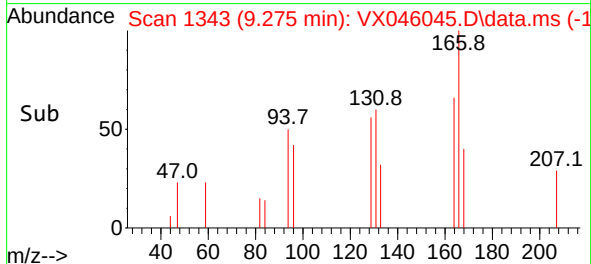
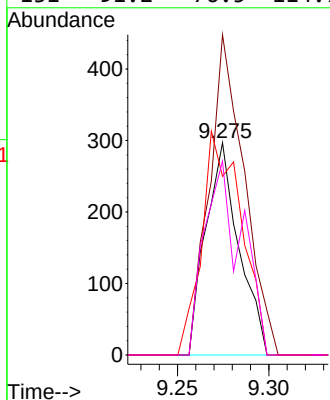
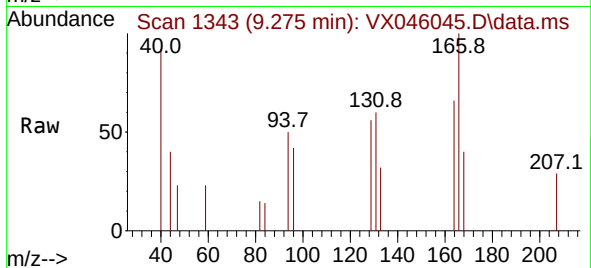




#64
Tetrachloroethene
Concen: 0.456 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

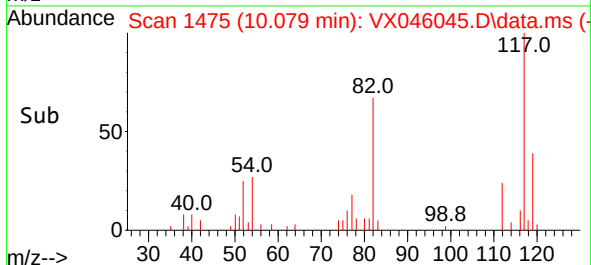
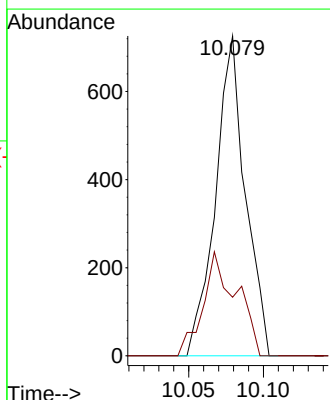
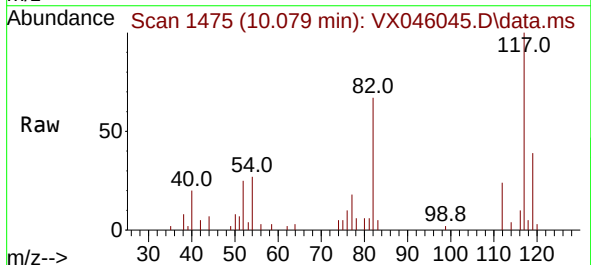
Instrument :
MSVOA_X
ClientSampleId :
IBLK

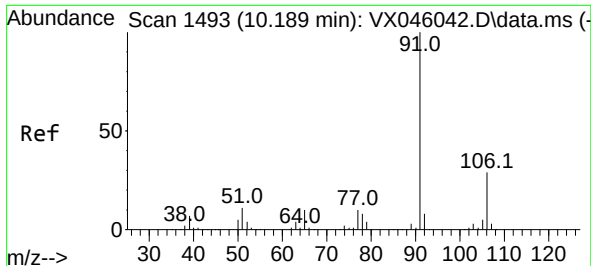
Tgt Ion:164 Resp: 375
Ion Ratio Lower Upper
164 100
166 150.8 105.0 157.6
129 84.2 83.5 125.3
131 91.2 76.5 114.7



#65
Chlorobenzene
Concen: 0.396 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:112 Resp: 1007
Ion Ratio Lower Upper
112 100
114 18.3 25.4 38.2#





#67

Ethyl Benzene

Concen: 0.300 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

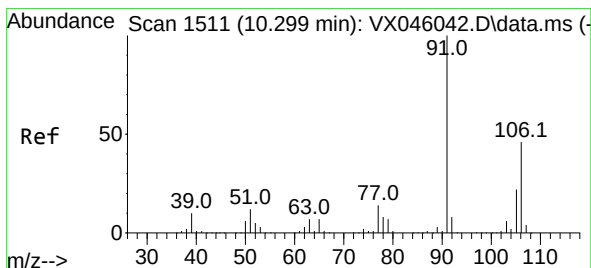
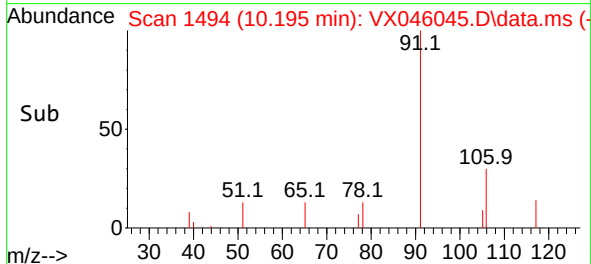
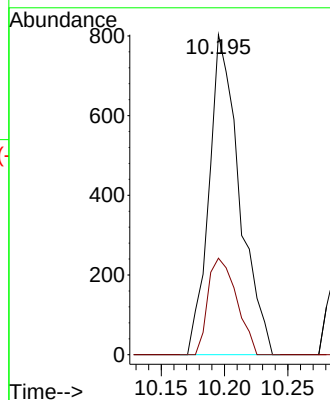
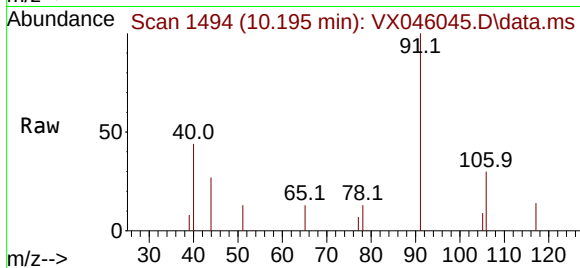
IBLK

Tgt Ion: 91 Resp: 1346

Ion Ratio Lower Upper

91 100

106 30.1 23.4 35.2



#68

m/p-Xylenes

Concen: 0.654 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX046045.D

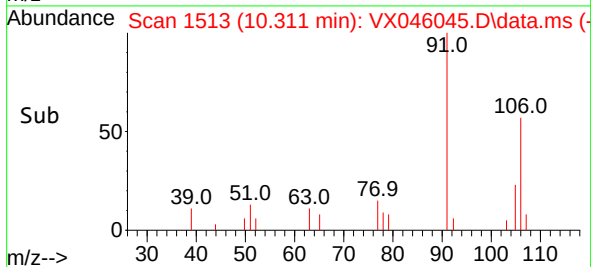
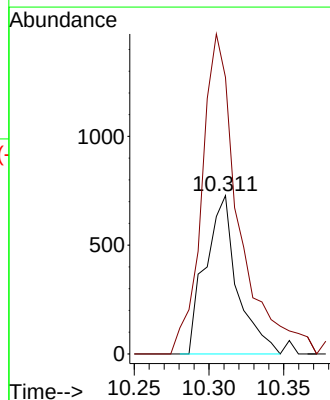
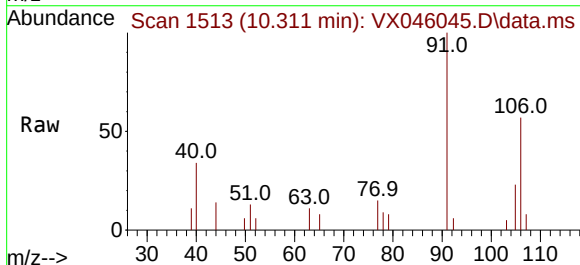
Acq: 05 May 2025 13:08

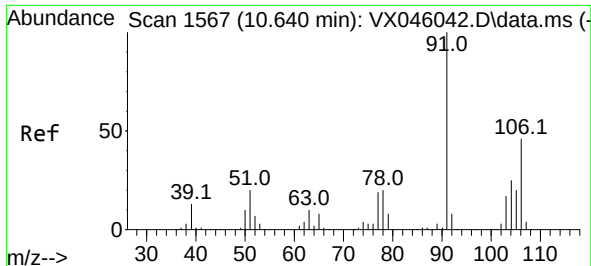
Tgt Ion: 106 Resp: 1072

Ion Ratio Lower Upper

106 100

91 236.8 171.2 256.8

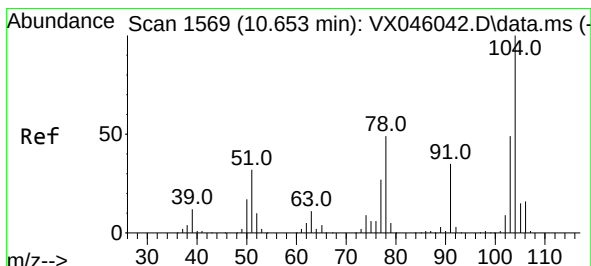
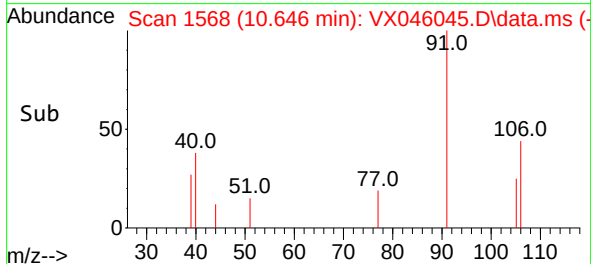
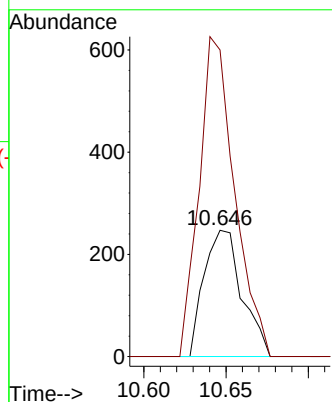
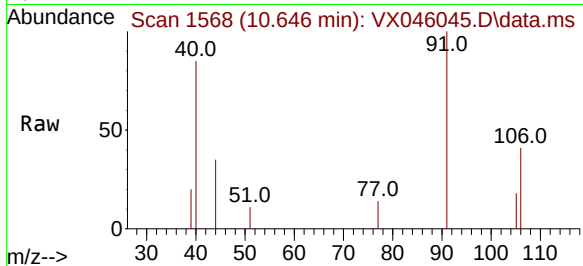




#69
o-Xylene
Concen: 0.247 ug/l
RT: 10.646 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

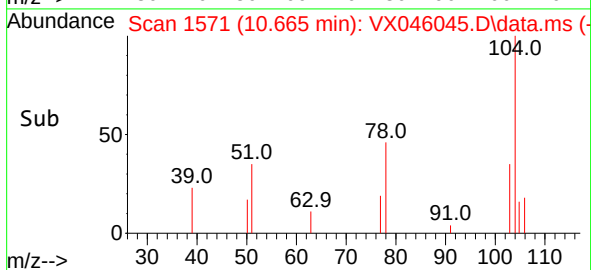
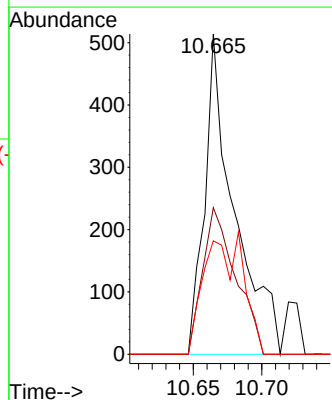
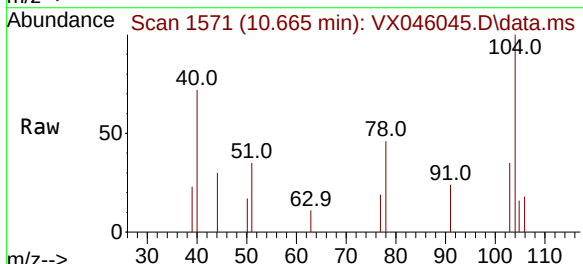
Instrument :
MSVOA_X
ClientSampleId :
IBLK

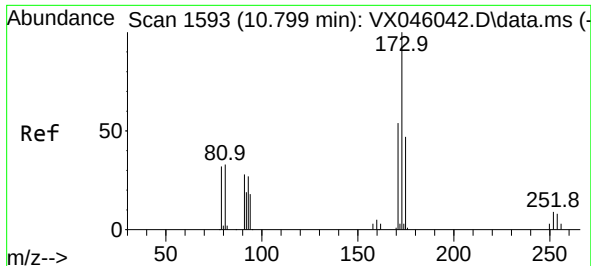
Tgt Ion:106 Resp: 395
Ion Ratio Lower Upper
106 100
91 237.7 112.7 338.1



#70
Styrene
Concen: 0.295 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:104 Resp: 772
Ion Ratio Lower Upper
104 100
78 50.9 45.7 68.5
103 49.4 43.7 65.5

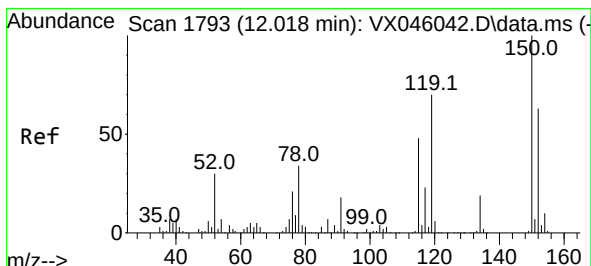
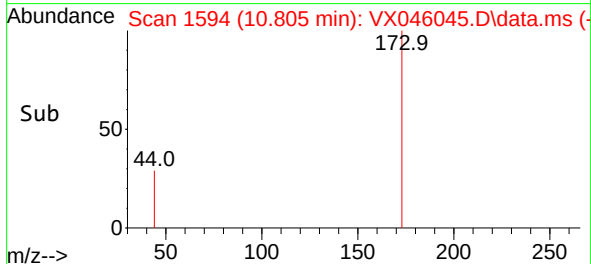
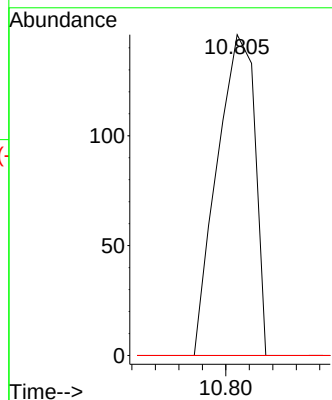
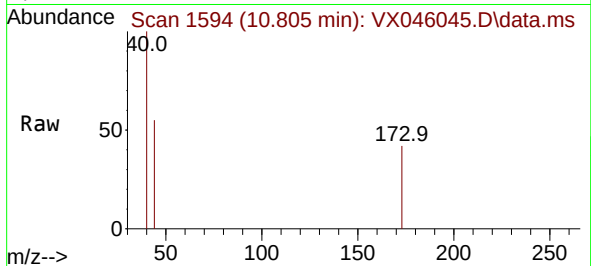




#71
Bromoform
Concen: 0.250 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

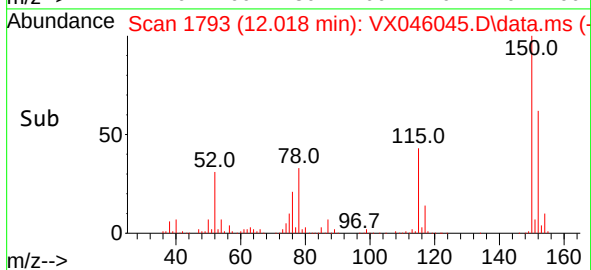
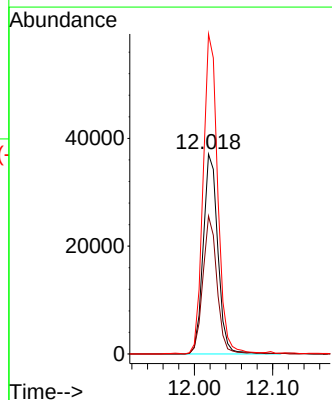
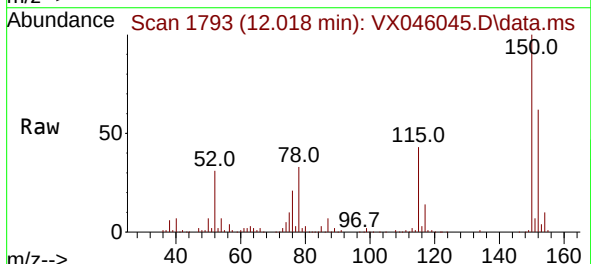
Instrument :
MSVOA_X
ClientSampleId :
IBLK

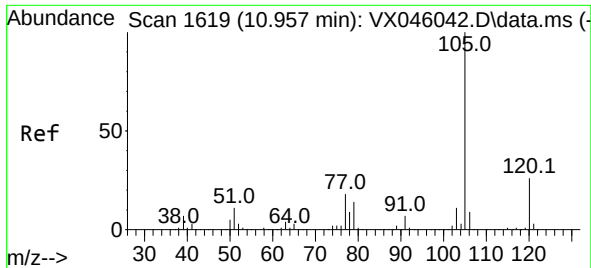
Tgt Ion:173 Resp: 163
Ion Ratio Lower Upper
173 100
175 0.0 23.4 70.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:152 Resp: 48025
Ion Ratio Lower Upper
152 100
115 66.8 46.9 140.7
150 159.4 0.0 351.0

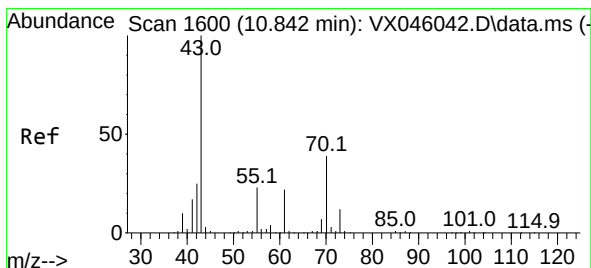
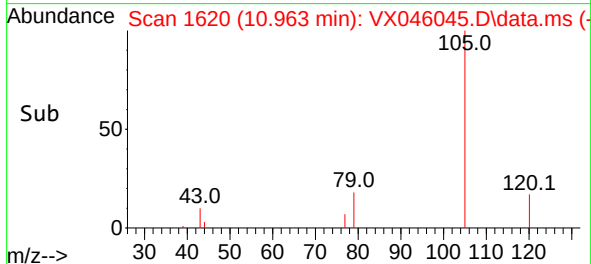
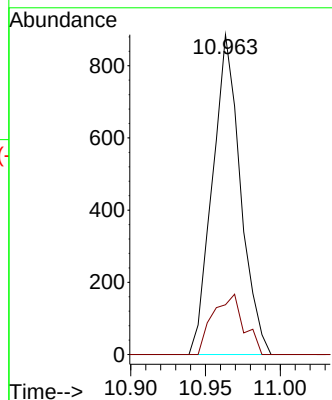
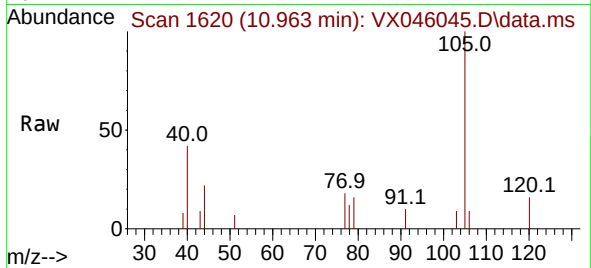




#73
Isopropylbenzene
Concen: 0.309 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

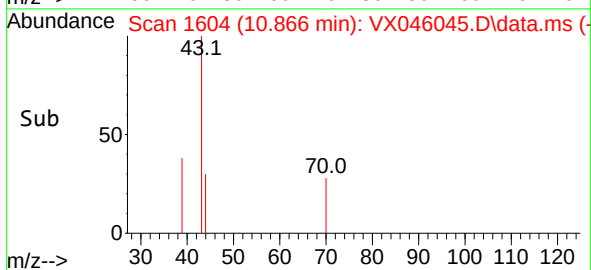
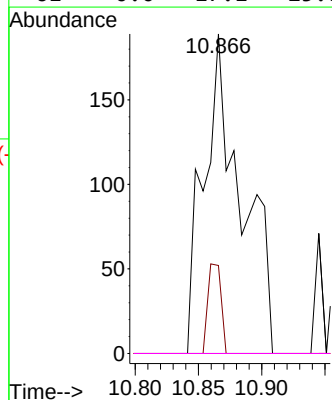
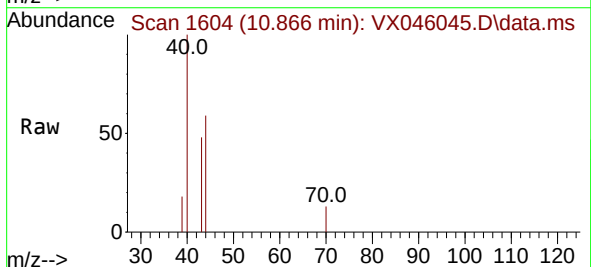
Instrument :
MSVOA_X
ClientSampleId :
IBLK

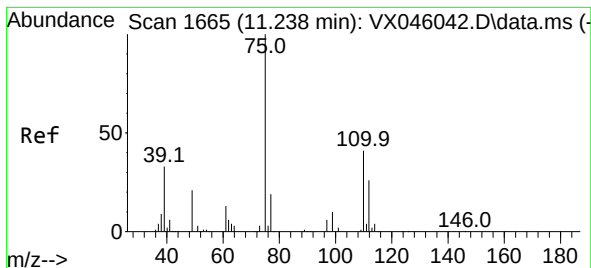
Tgt Ion:105 Resp: 1156
Ion Ratio Lower Upper
105 100
120 20.7 12.8 38.4



#74
N-ethyl acetate
Concen: 0.212 ug/l
RT: 10.866 min Scan# 1604
Delta R.T. 0.024 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
70 9.7 30.9 46.3#
55 0.0 18.7 28.1#
61 0.0 17.1 25.7#





#76

1,2,3-Trichloropropane

Concen: 30.259 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

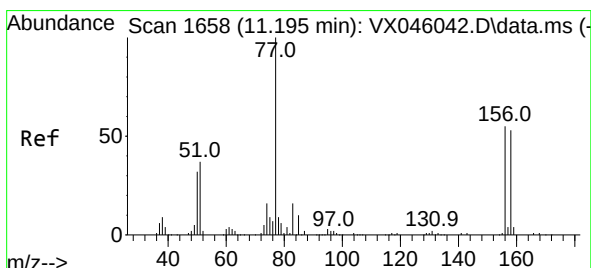
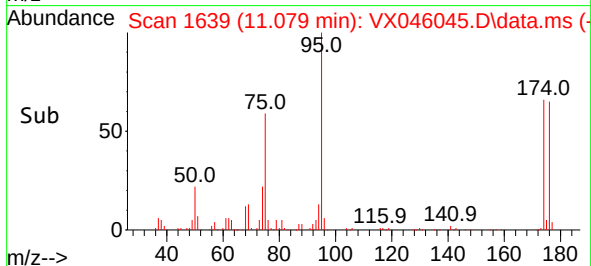
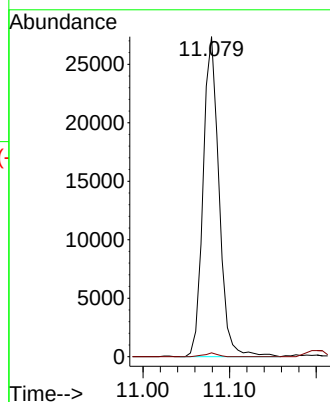
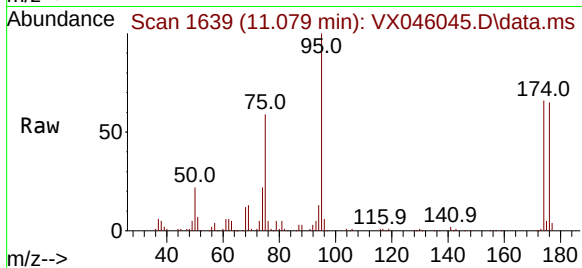
IBLK

Tgt Ion: 75 Resp: 34979

Ion Ratio Lower Upper

75 100

77 1.0 20.5 61.5#



#77

Bromobenzene

Concen: 0.412 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX046045.D

Acq: 05 May 2025 13:08

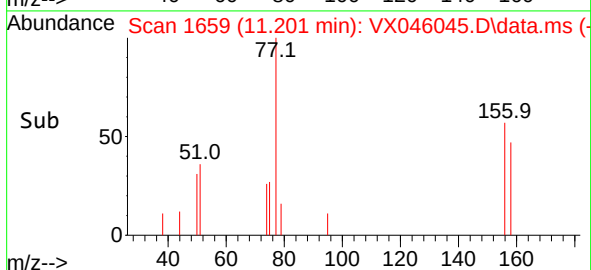
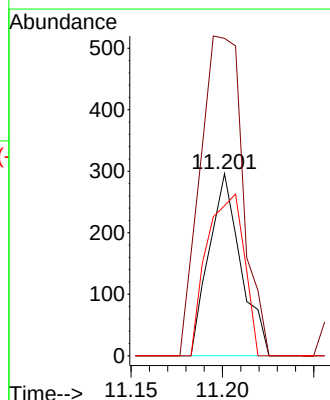
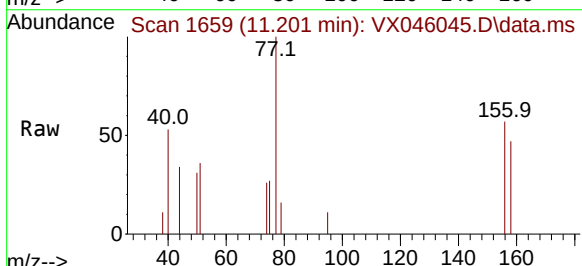
Tgt Ion: 156 Resp: 358

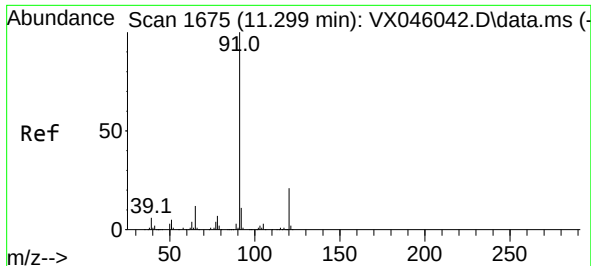
Ion Ratio Lower Upper

156 100

77 236.0 92.8 278.3

158 104.5 48.8 146.3

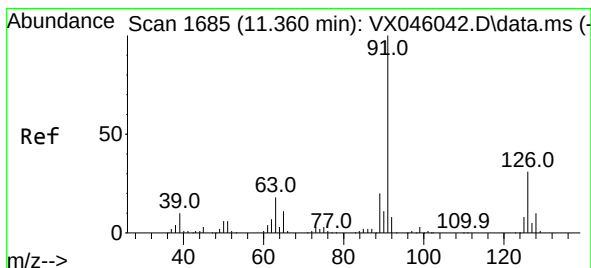
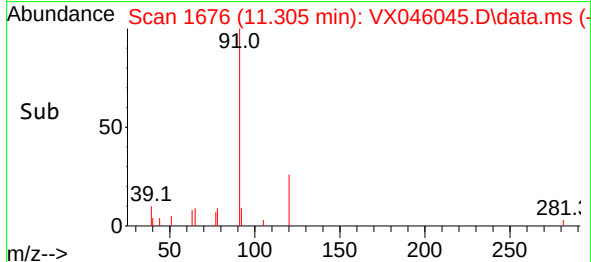
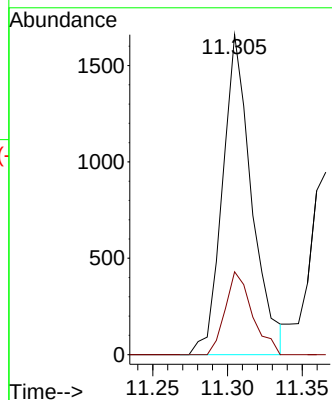
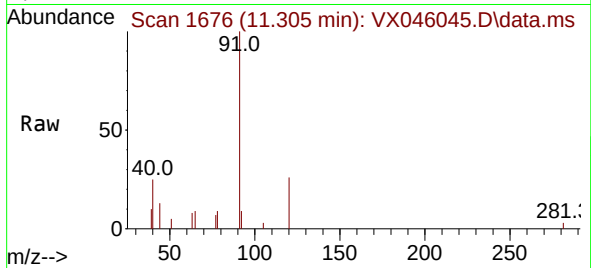




#78
n-propylbenzene
Concen: 0.520 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

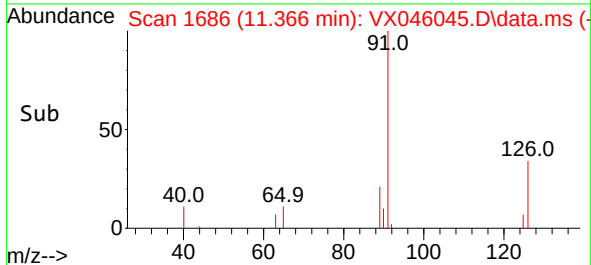
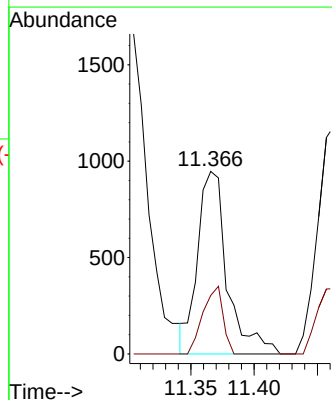
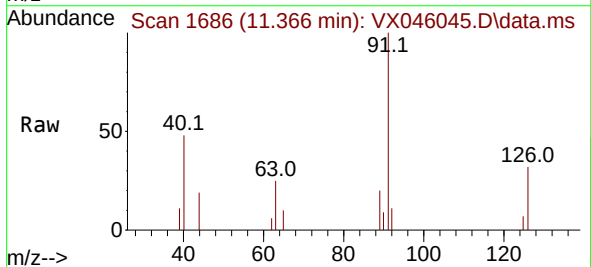
Instrument :
MSVOA_X
ClientSampleId :
IBLK

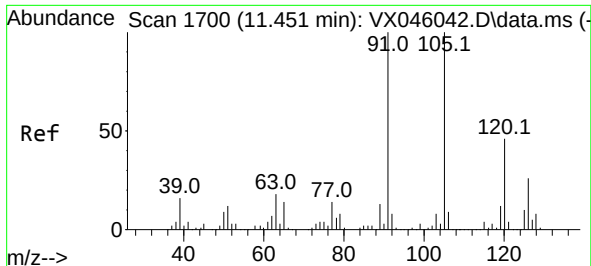
Tgt Ion: 91 Resp: 2259
Ion Ratio Lower Upper
91 100
120 24.0 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.552 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 91 Resp: 1548
Ion Ratio Lower Upper
91 100
126 25.0 15.6 46.7

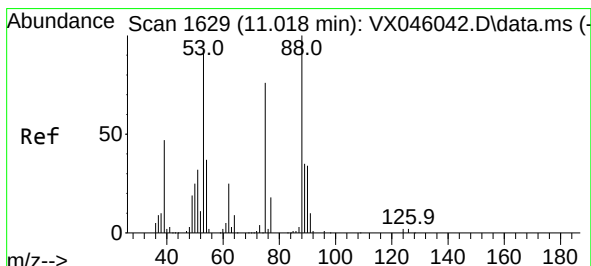
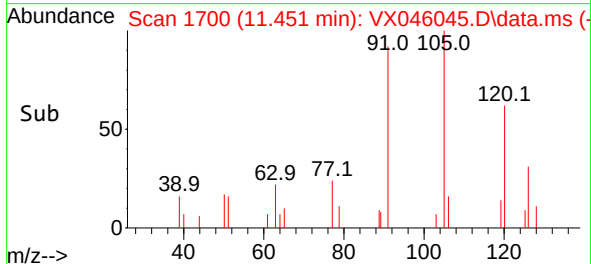
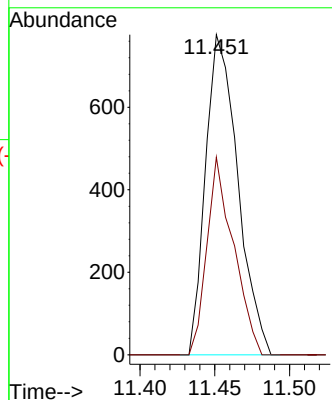
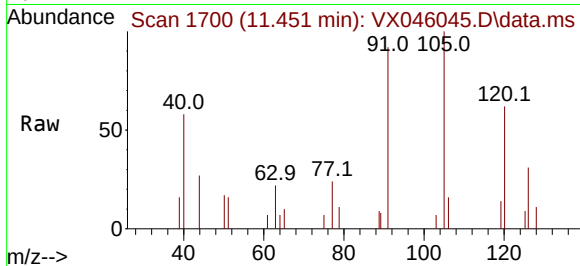




#80
1,3,5-Trimethylbenzene
Concen: 0.372 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

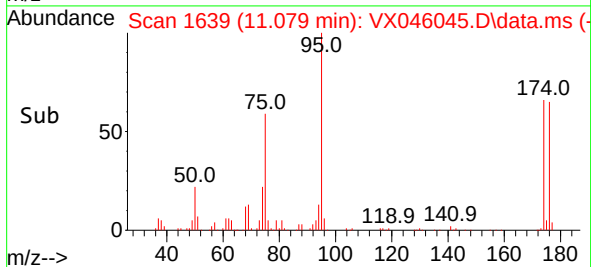
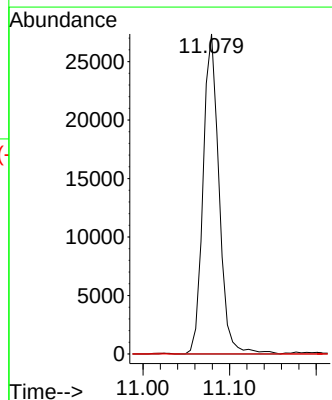
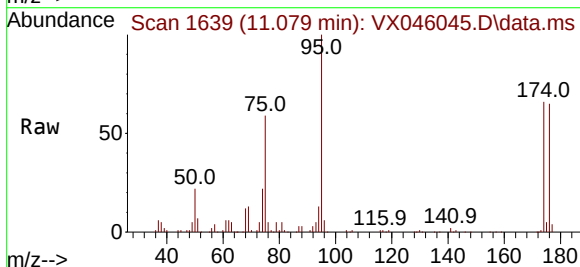
Instrument :
MSVOA_X
ClientSampleId :
IBLK

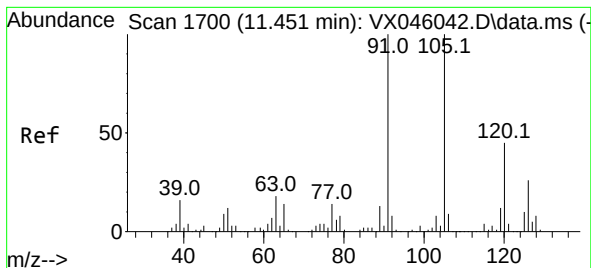
Tgt Ion:105 Resp: 1162
Ion Ratio Lower Upper
105 100
120 51.1 23.1 69.2



#81
trans-1,4-Dichloro-2-butene
Concen: 98.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 75 Resp: 34979
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

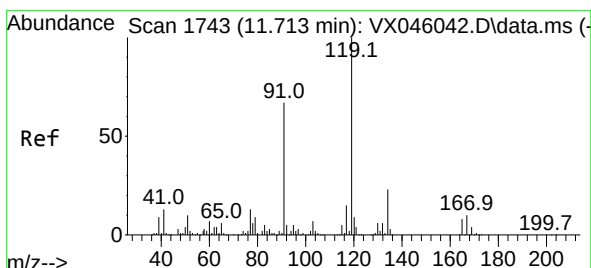
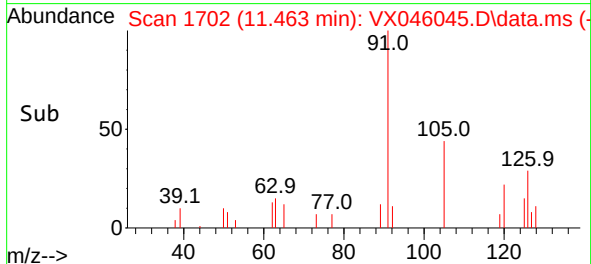
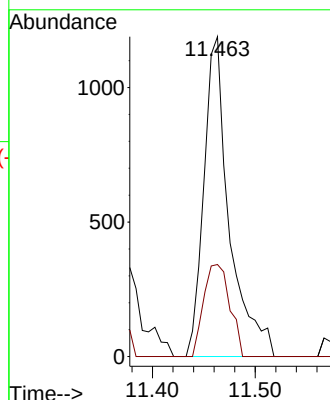
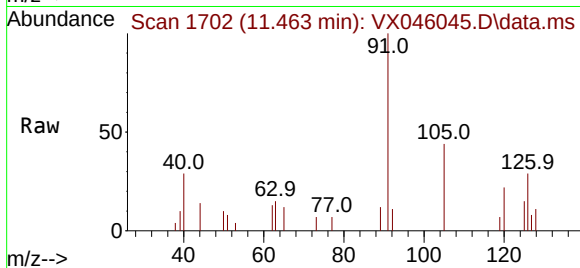




#82
4-Chlorotoluene
Concen: 0.657 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

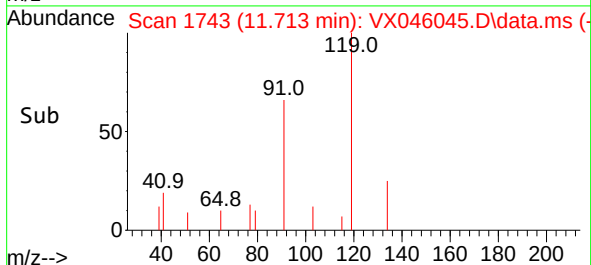
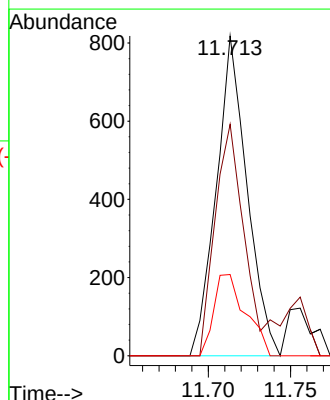
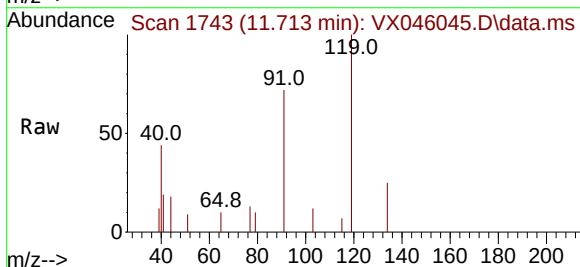
Instrument :
MSVOA_X
ClientSampleId :
IBLK

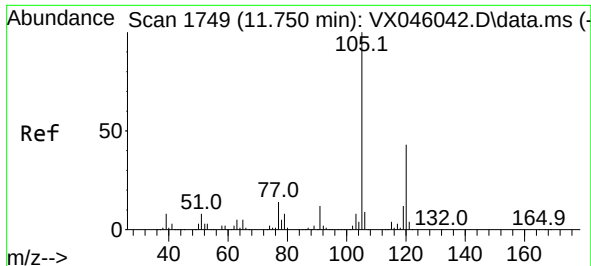
Tgt Ion: 91 Resp: 2043
Ion Ratio Lower Upper
91 100
126 29.6 13.3 39.8



#83
tert-Butylbenzene
Concen: 0.338 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 119 Resp: 1063
Ion Ratio Lower Upper
119 100
91 72.8 32.9 98.7
134 26.3 11.4 34.1

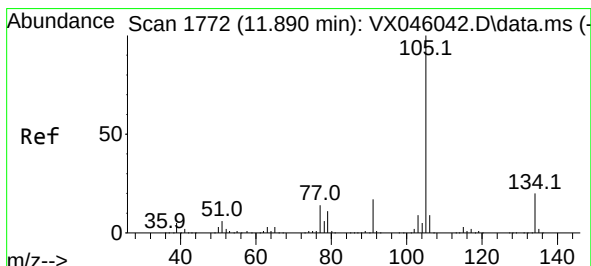
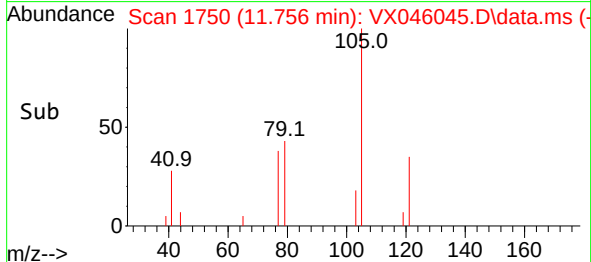
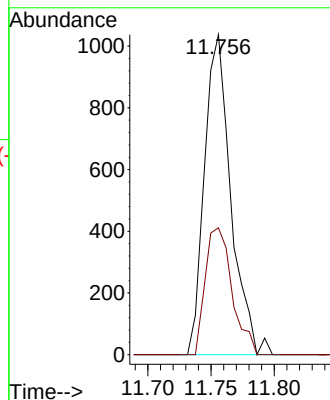
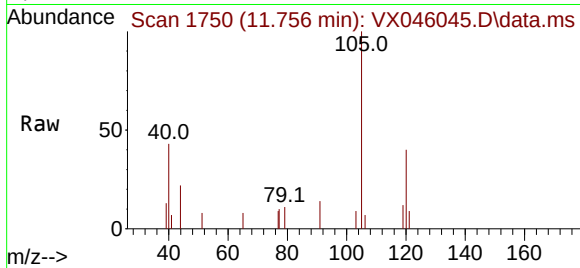




#84
1,2,4-Trimethylbenzene
Concen: 0.476 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

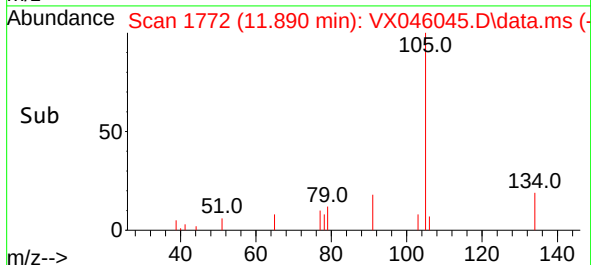
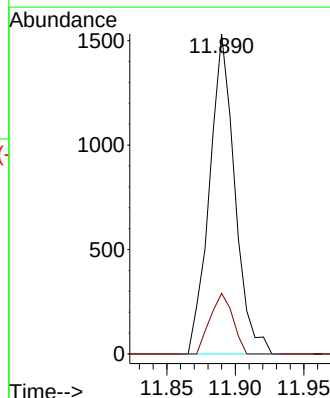
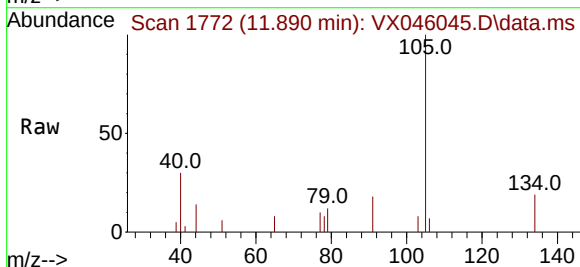
Instrument :
MSVOA_X
ClientSampleId :
IBLK

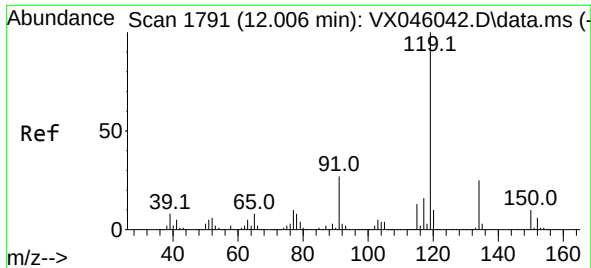
Tgt Ion:105 Resp: 1506
Ion Ratio Lower Upper
105 100
120 40.2 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.510 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:105 Resp: 1972
Ion Ratio Lower Upper
105 100
134 16.9 9.7 29.1

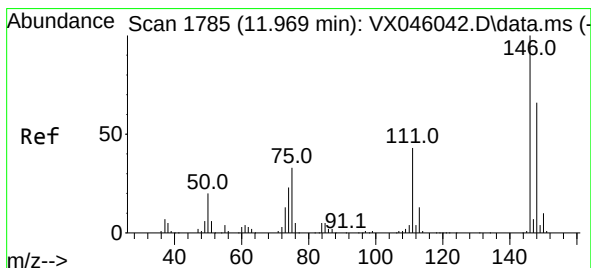
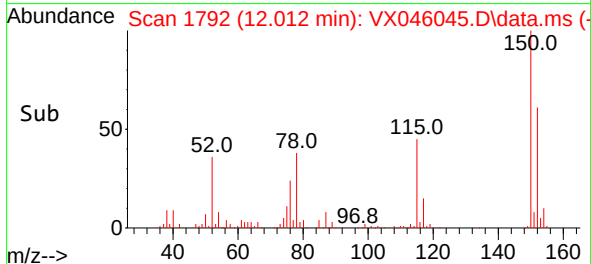
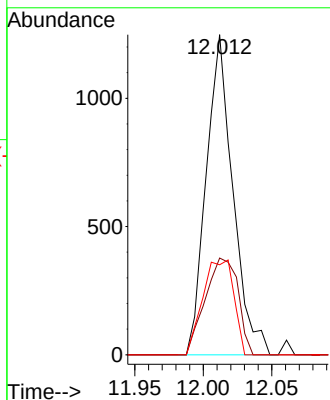
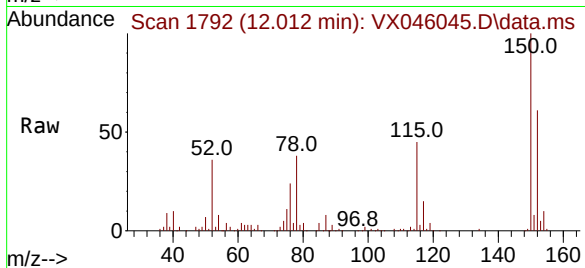




#86
p-Isopropyltoluene
Concen: 0.530 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

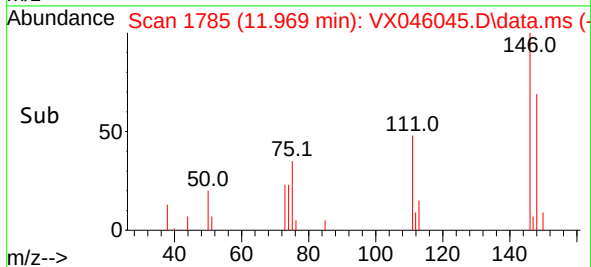
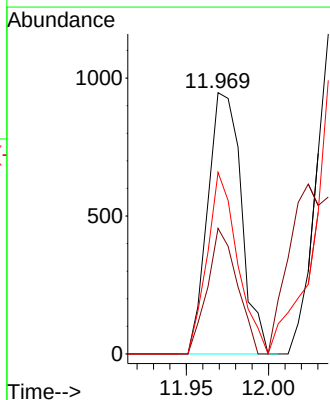
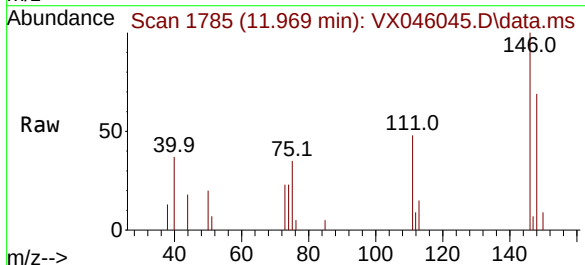
Instrument :
MSVOA_X
ClientSampleId :
IBLK

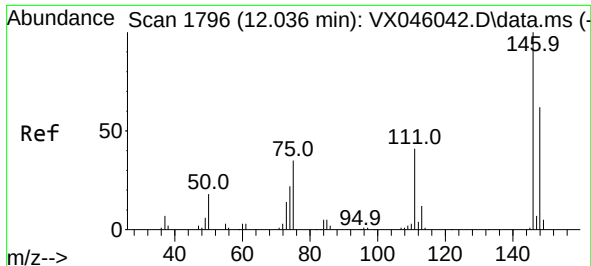
Tgt Ion:119 Resp: 1689
Ion Ratio Lower Upper
119 100
134 37.0 12.5 37.5
91 34.5 13.8 41.4



#87
1,3-Dichlorobenzene
Concen: 0.850 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion:146 Resp: 1347
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 62.8 32.1 96.5

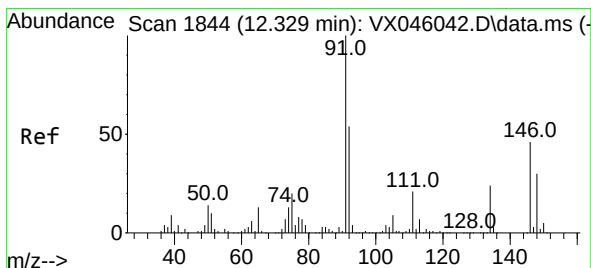
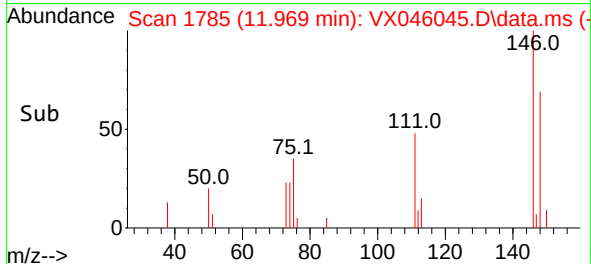
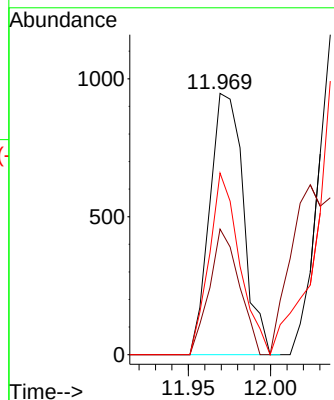
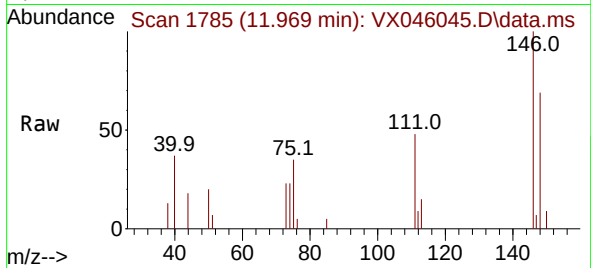




#88
1,4-Dichlorobenzene
Concen: 0.833 ug/l
RT: 11.969 min Scan# 1796
Delta R.T. -0.067 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

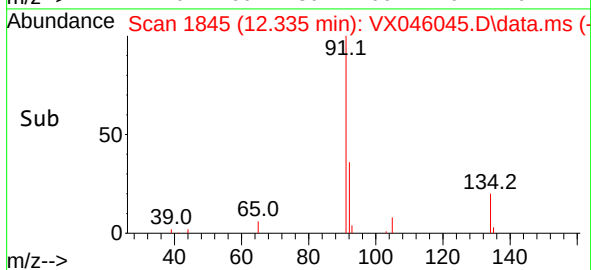
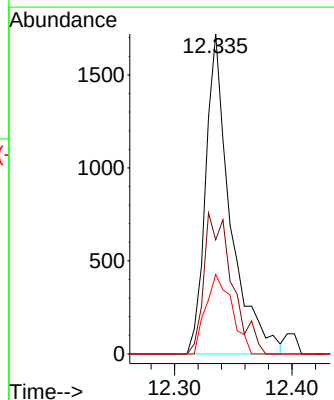
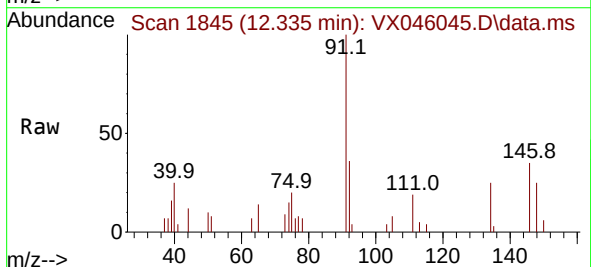
Instrument :
MSVOA_X
ClientSampleId :
IBLK

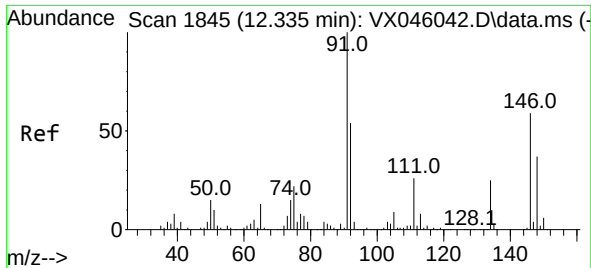
Tgt Ion:146 Resp: 1347
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 62.8 31.9 95.5



#89
n-Butylbenzene
Concen: 0.897 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

Tgt Ion: 91 Resp: 2510
Ion Ratio Lower Upper
91 100
92 50.2 26.9 80.7
134 26.2 11.8 35.3

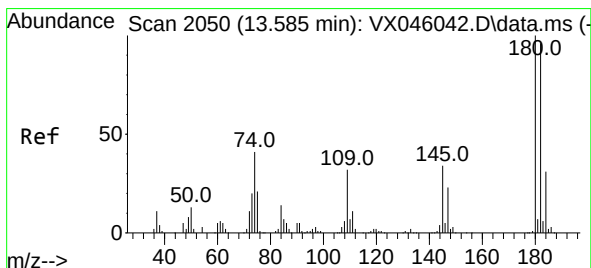
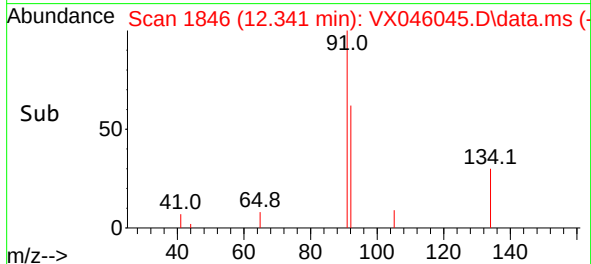
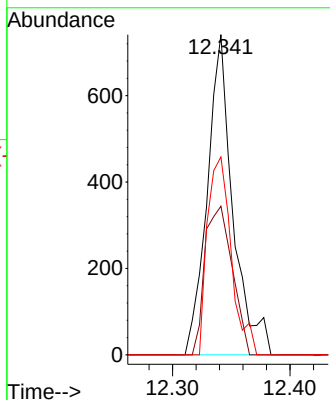
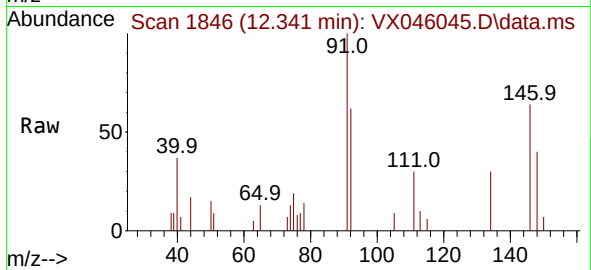




#91
 1,2-Dichlorobenzene
 Concen: 0.706 ug/l
 RT: 12.341 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX046045.D
 Acq: 05 May 2025 13:08

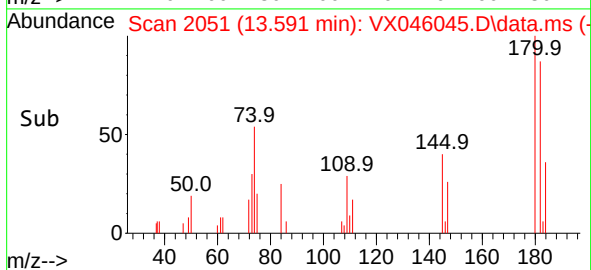
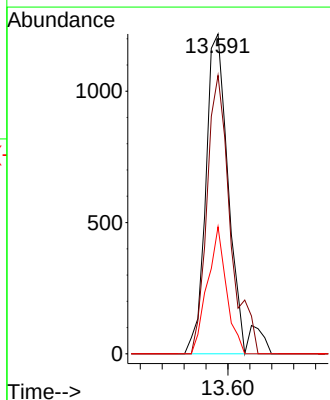
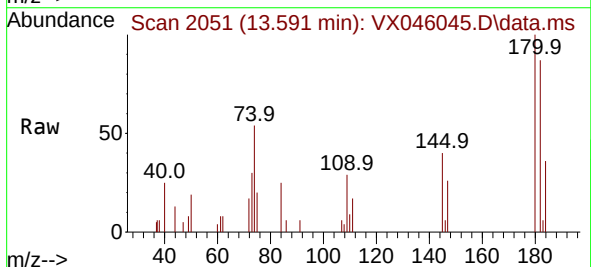
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

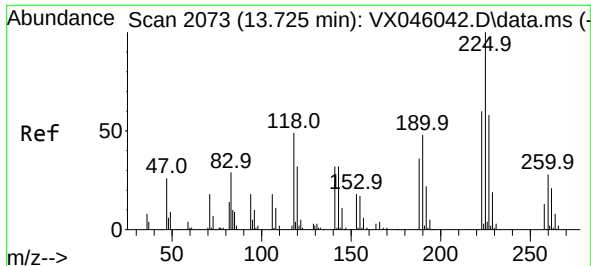
Tgt Ion:146	Resp:	1122
Ion Ratio	Lower	Upper
146	100	
111	49.6	22.4 67.3
148	57.4	31.6 94.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.969 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX046045.D
 Acq: 05 May 2025 13:08

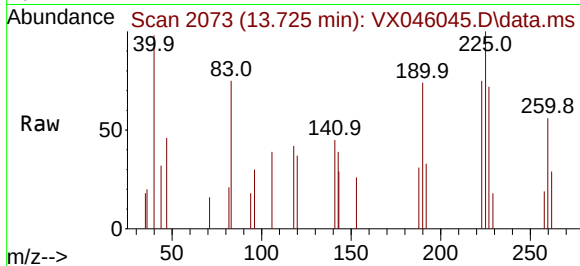
Tgt Ion:180	Resp:	1798
Ion Ratio	Lower	Upper
180	100	
182	86.5	47.9 143.8
145	32.5	17.1 51.2



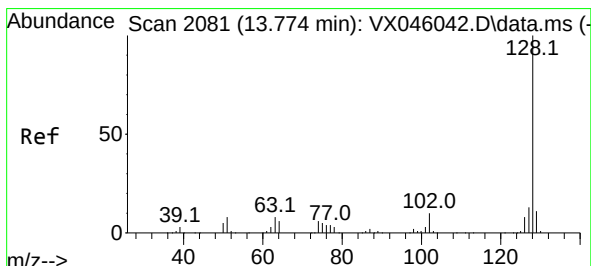
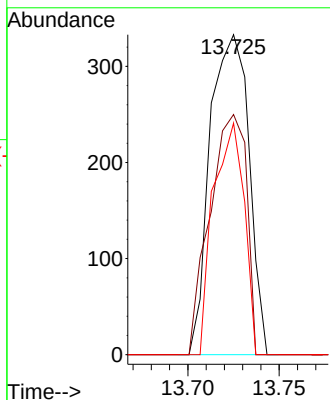
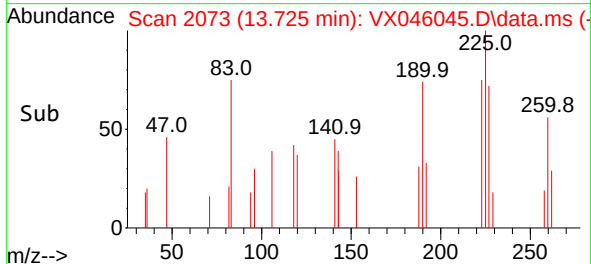


#94
Hexachlorobutadiene
Concen: 1.234 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08

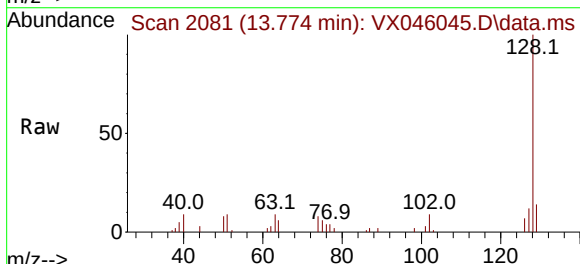
Instrument :
MSVOA_X
ClientSampleId :
IBLK



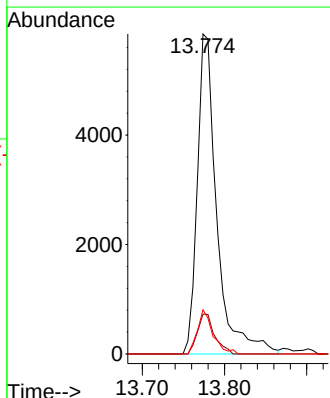
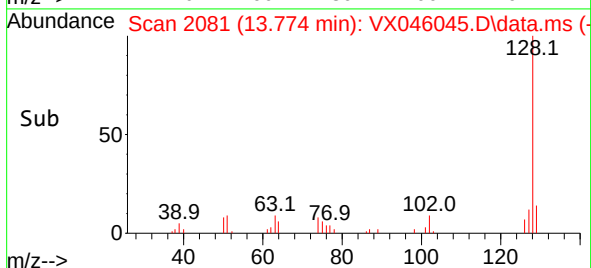
Tgt Ion:225 Resp: 492
Ion Ratio Lower Upper
225 100
223 70.9 30.8 92.4
227 57.1 30.9 92.7

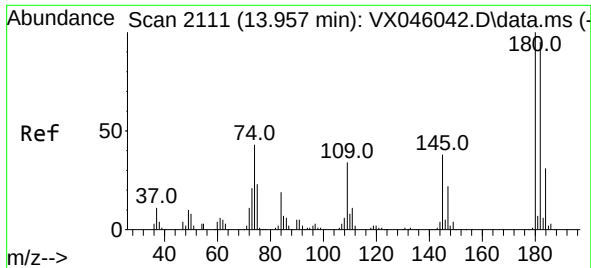


#95
Naphthalene
Concen: 2.883 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046045.D
Acq: 05 May 2025 13:08



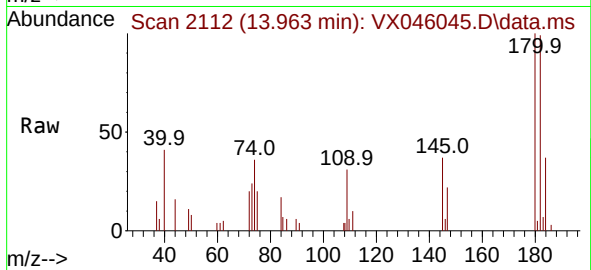
Tgt Ion:128 Resp: 9656
Ion Ratio Lower Upper
128 100
127 11.0 10.4 15.6
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.458 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX046045.D
 Acq: 05 May 2025 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 2316
 Ion Ratio Lower Upper
 180 100
 182 88.6 47.8 143.3
 145 33.9 18.1 54.3

