

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046483.D
 Acq On : 03 Jun 2025 19:15
 Operator : JC/MD
 Sample : Q2168-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C2

Quant Time: Jun 04 01:33:38 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	5.550	168	59490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58472	52.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.440%
35) Dibromofluoromethane	5.385	113	42067	49.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	8.647	98	150013	50.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.079	95	59483	52.491	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	296	0.335	ug/l	94
8) Diethyl Ether	2.136	74	125	0.302	ug/l #	1
11) Tert butyl alcohol	2.971	59	5208	33.453	ug/l	96
13) Acrolein	2.245	56	562	3.170	ug/l #	15
14) Allyl chloride	2.648	41	807	0.599	ug/l #	41
15) Acrylonitrile	3.087	53	293	0.658	ug/l #	70
16) Acetone	2.380	43	68856	154.840	ug/l	99
17) Carbon Disulfide	2.502	76	445	0.266	ug/l #	76
18) Methyl Acetate	2.709	43	19966	19.348	ug/l	100
20) Methylene Chloride	2.788	84	2889	3.390	ug/l	93
25) 2-Butanone	4.568	43	14247	22.068	ug/l	98
29) Tetrahydrofuran	5.032	42	730	1.804	ug/l #	57
31) Cyclohexane	5.458	56	2582	1.953	ug/l	93
36) 1,1-Dichloropropene	5.550	75	5860	5.110	ug/l #	46
37) Ethyl Acetate	4.733	43	8585	6.059	ug/l #	94
38) Carbon Tetrachloride	5.550	117	7030	5.456	ug/l #	21
39) Methylcyclohexane	7.373	83	1623	1.099	ug/l #	68
40) Benzene	6.037	78	2333004	694.525	ug/l	99
42) 1,2-Dichloroethane	6.031	62	24130	16.644	ug/l #	78
43) Isopropyl Acetate	6.354	43	6101	2.823	ug/l	97
48) Methyl methacrylate	7.799	41	45708	41.405	ug/l #	49
49) 1,4-Dioxane	7.787	88	26	1.240	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	40649	28.331	ug/l #	39
52) Toluene	8.714	92	934183	453.539	ug/l	100
53) t-1,3-Dichloropropene	8.714	75	12672	10.988	ug/l #	1
54) cis-1,3-Dichloropropene	8.549	75	16100	12.631	ug/l #	58
55) 1,1,2-Trichloroethane	9.013	97	5496	6.767	ug/l #	18
57) 1,3-Dichloropropane	9.482	76	1044	0.716	ug/l #	42
59) 2-Hexanone	9.439	43	1525	1.437	ug/l	85
67) Ethyl Benzene	10.189	91	87558	20.424	ug/l	100
68) m/p-Xylenes	10.299	106	176136	112.336	ug/l	98
69) o-Xylene	10.640	106	103501	67.710	ug/l	97
70) Styrene	10.653	104	31166	12.446	ug/l #	47
73) Isopropylbenzene	10.957	105	3023	0.760	ug/l	99
74) N-amyl acetate	10.854	43	447	0.227	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32931	26.777	ug/l #	36

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

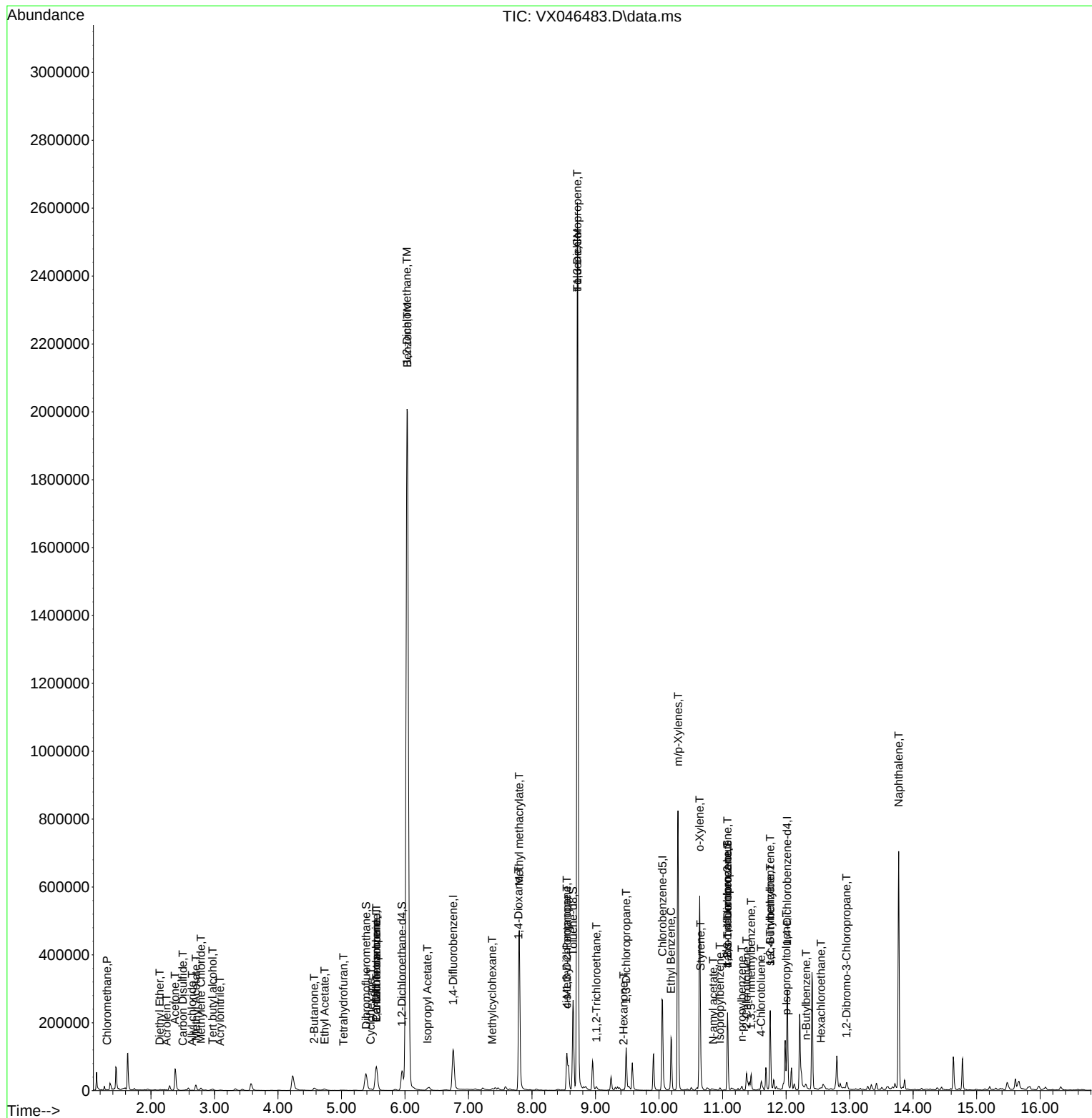
78) n-propylbenzene	11.305	91	6596	1.426	ug/l	97
79) 2-Chlorotoluene	11.378	91	4570	1.532	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	19433	5.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	32931	87.179	ug/l #	1
82) 4-Chlorotoluene	11.610	91	2177	0.658	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	80506	23.923	ug/l	80
85) sec-Butylbenzene	11.750	105	80506	19.588	ug/l #	57
86) p-Isopropyltoluene	12.006	119	716	0.211	ug/l #	63
89) n-Butylbenzene	12.317	91	1106	0.372	ug/l #	33
90) Hexachloroethane	12.549	117	518	0.867	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	12.951	75	205	0.664	ug/l #	10
95) Naphthalene	13.774	128	396485	111.288	ug/l	100

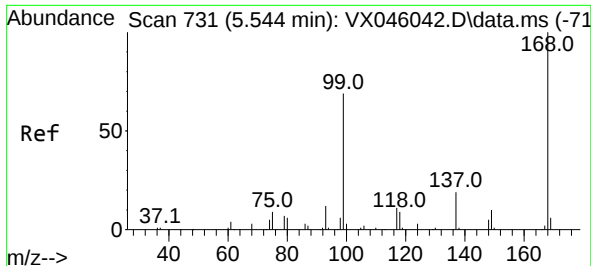
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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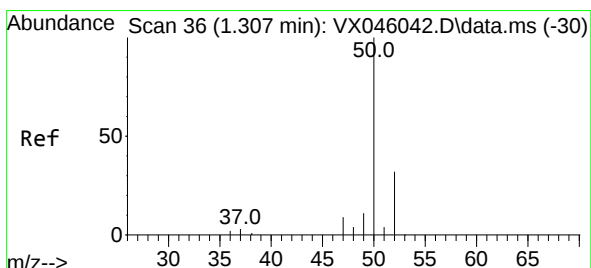
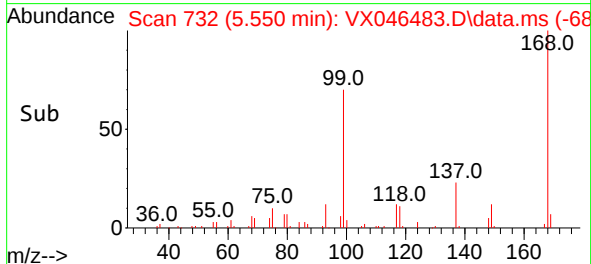
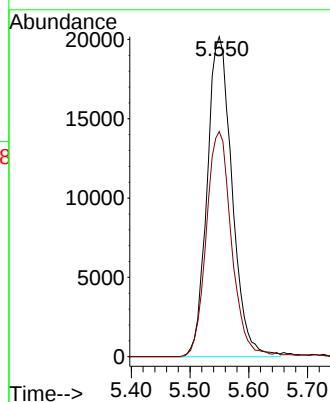
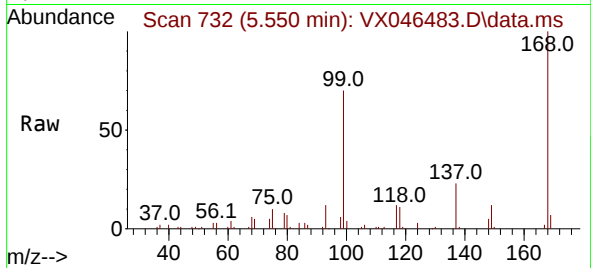




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

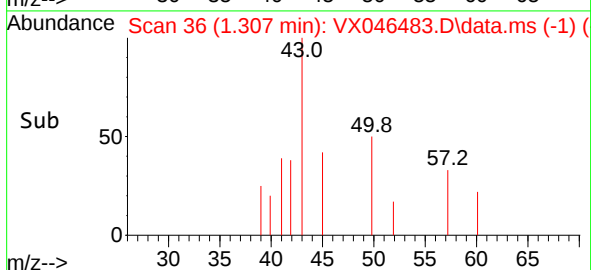
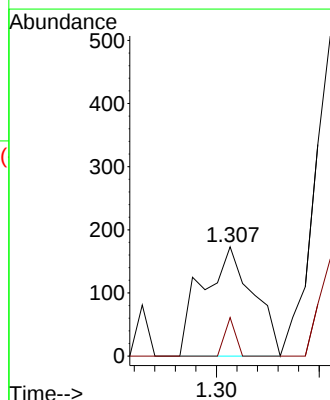
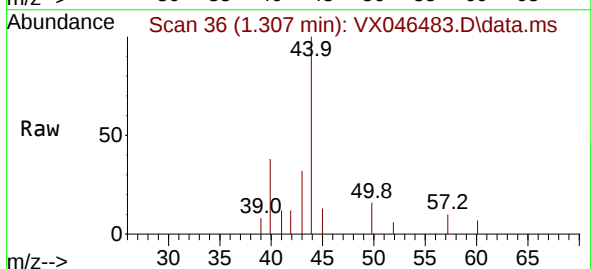
Instrument :
MSVOA_X
ClientSampleId :
C2

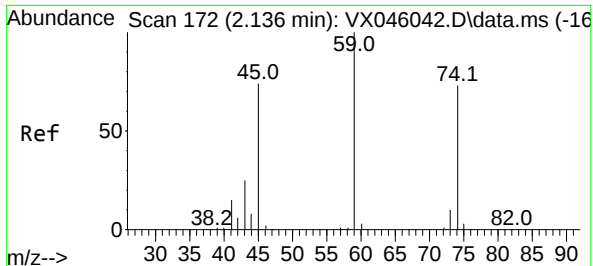
Tgt Ion:168 Resp: 59490
Ion Ratio Lower Upper
168 100
99 70.4 54.9 82.3



#3
Chloromethane
Concen: 0.335 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 35.3 25.4 38.2

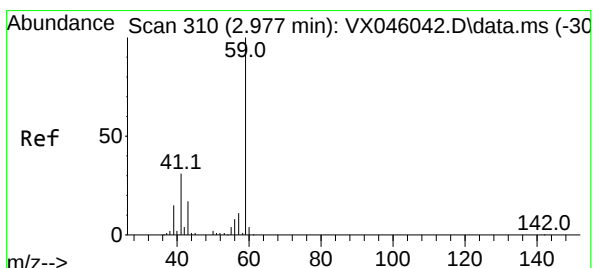
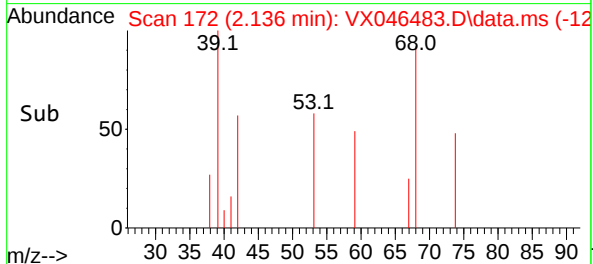
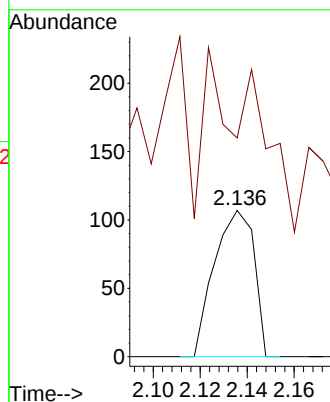
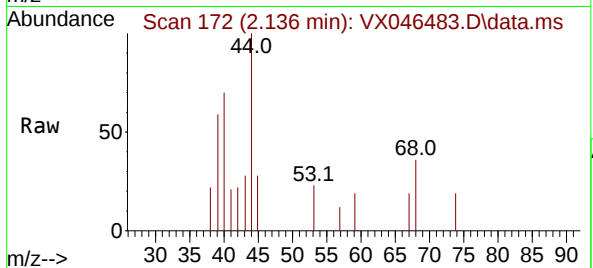




#8
Diethyl Ether
Concen: 0.302 ug/l
RT: 2.136 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

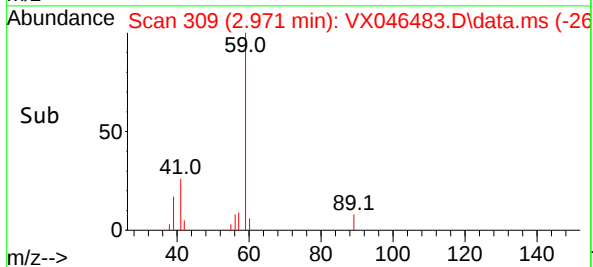
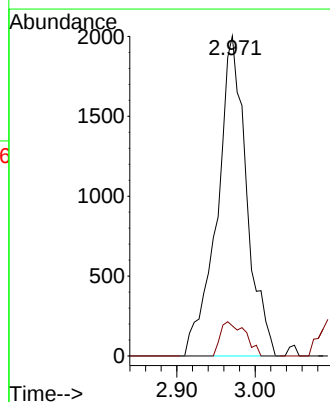
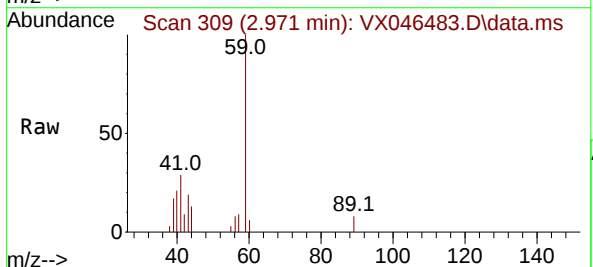
Instrument :
MSVOA_X
ClientSampleId :
C2

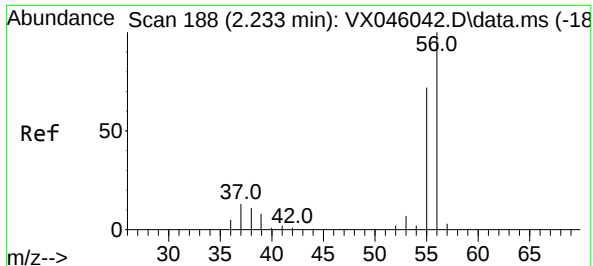
Tgt Ion: 74 Resp: 125
Ion Ratio Lower Upper
74 100
45 0.0 54.9 164.8#



#11
Tert butyl alcohol
Concen: 33.453 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 59 Resp: 5208
Ion Ratio Lower Upper
59 100
57 9.0 8.6 12.8





#13

Acrolein

Concen: 3.170 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

Instrument :

MSVOA_X

ClientSampleId :

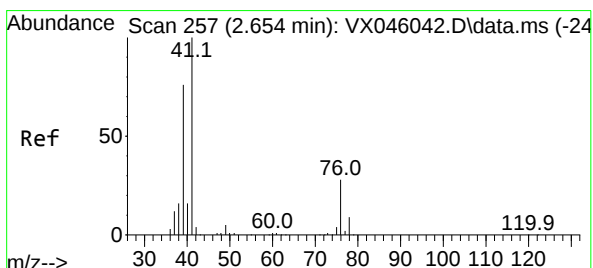
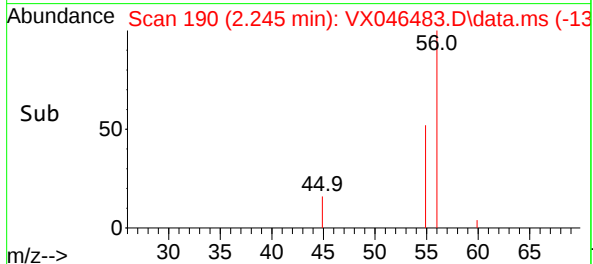
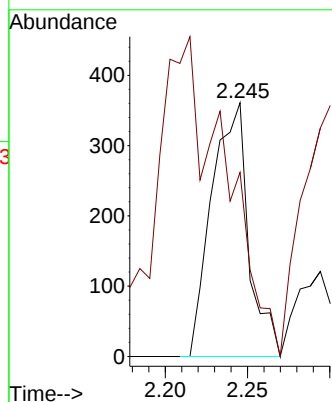
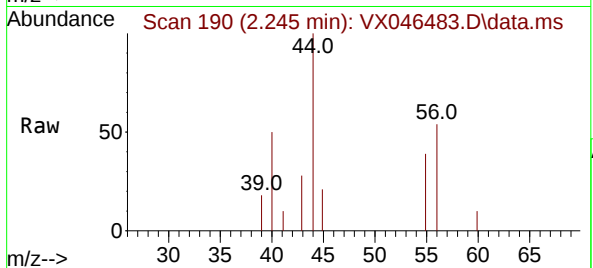
C2

Tgt Ion: 56 Resp: 562

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#14

Allyl chloride

Concen: 0.599 ug/l

RT: 2.648 min Scan# 256

Delta R.T. -0.006 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

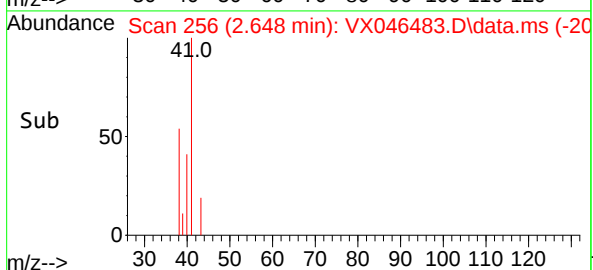
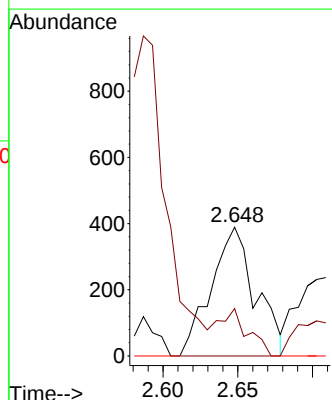
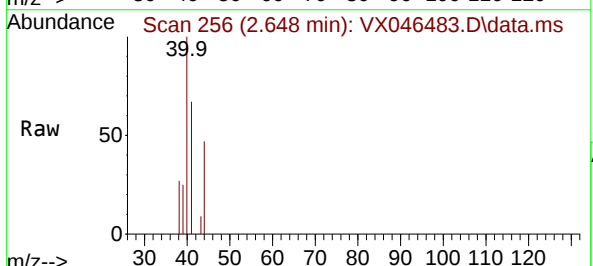
Tgt Ion: 41 Resp: 807

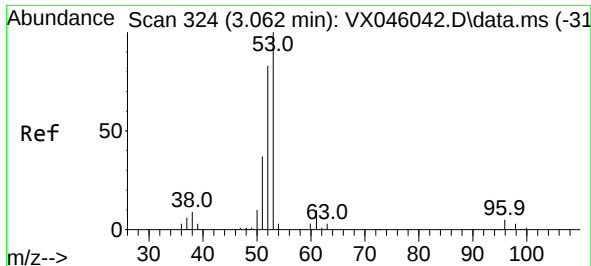
Ion Ratio Lower Upper

41 100

39 24.3 60.6 90.8#

76 0.0 24.9 37.3#





#15

Acrylonitrile

Concen: 0.658 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.024 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

Instrument :

MSVOA_X

ClientSampleId :

C2

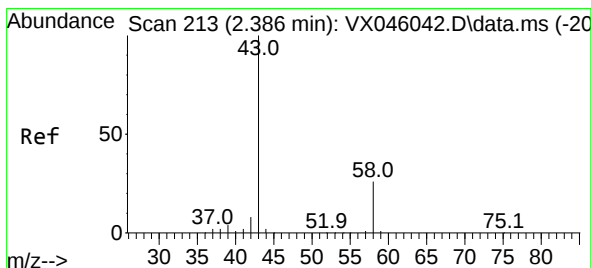
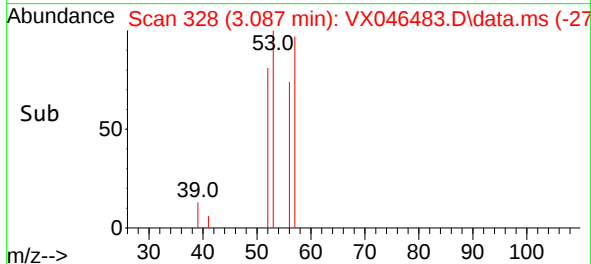
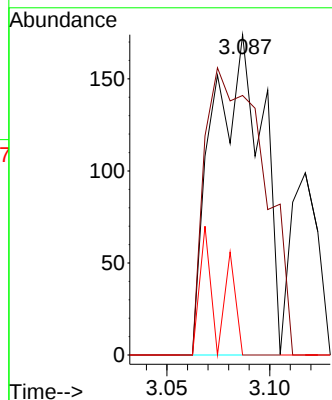
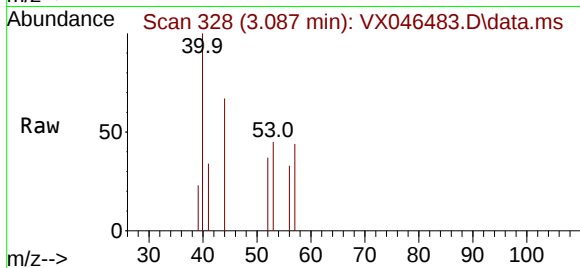
Tgt Ion: 53 Resp: 293

Ion Ratio Lower Upper

53 100

52 106.1 65.3 97.9#

51 15.7 29.8 44.8#



#16

Acetone

Concen: 154.840 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046483.D

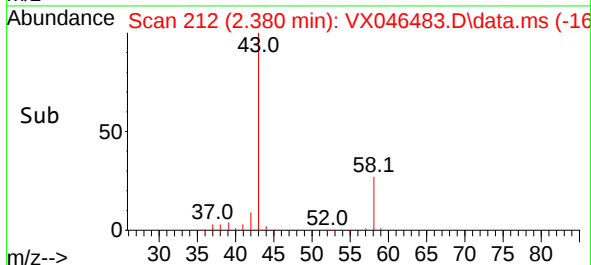
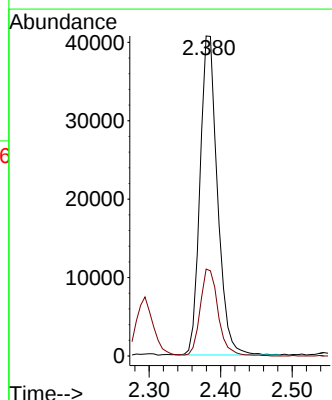
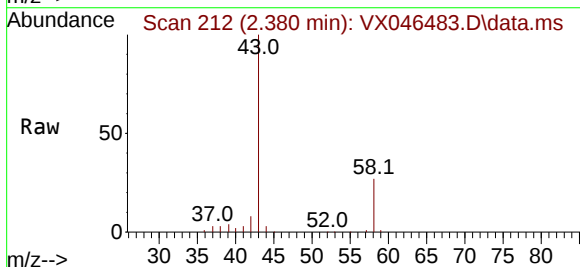
Acq: 03 Jun 2025 19:15

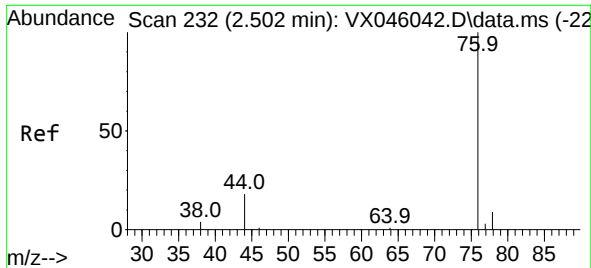
Tgt Ion: 43 Resp: 68856

Ion Ratio Lower Upper

43 100

58 27.2 21.2 31.8

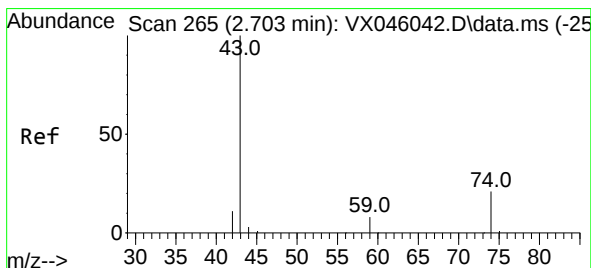
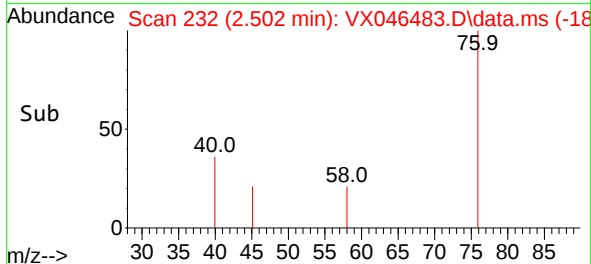
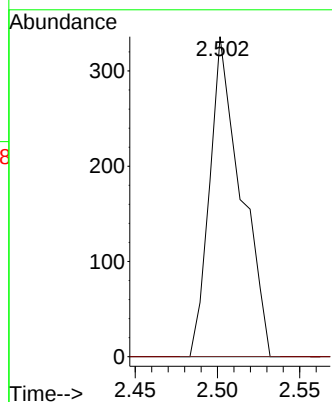
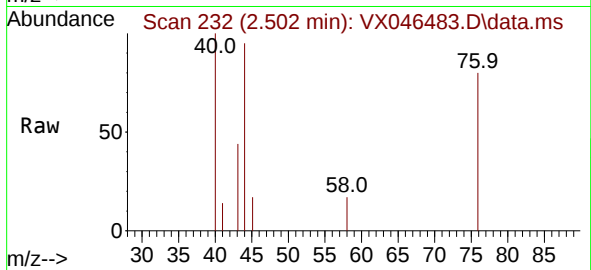




#17
Carbon Disulfide
Concen: 0.266 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

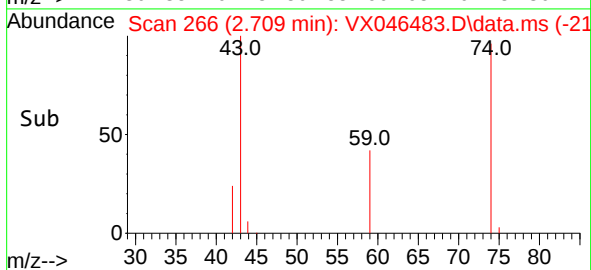
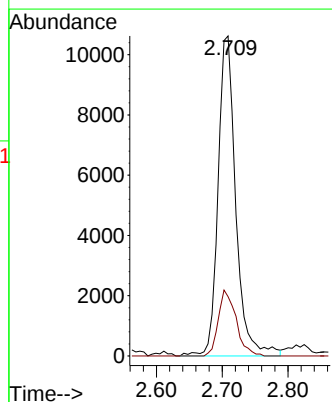
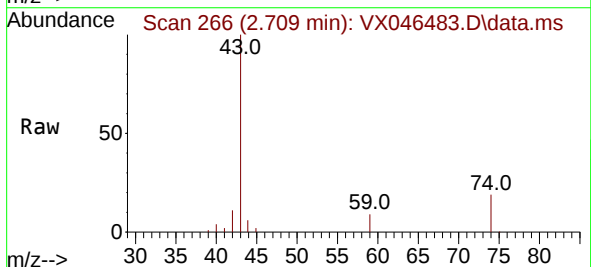
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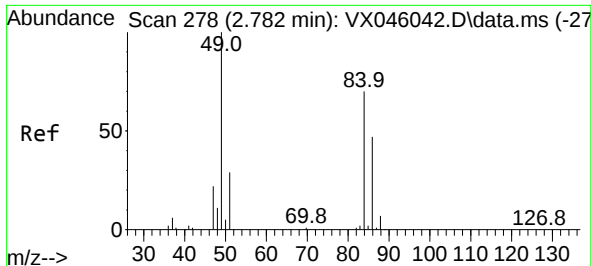
Tgt Ion: 76 Resp: 445
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 19.348 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 43 Resp: 19966
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1

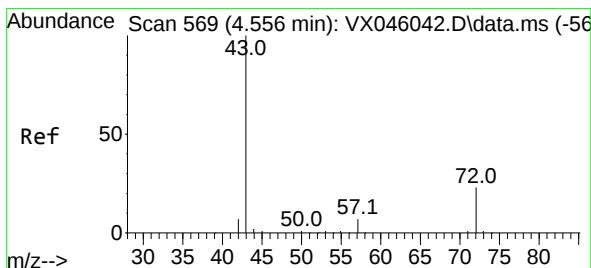
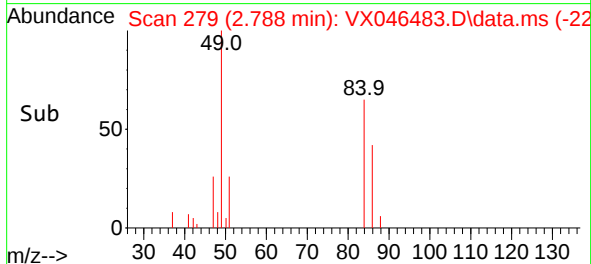
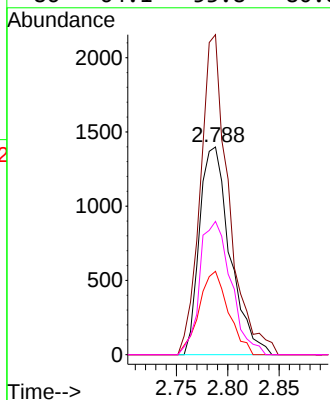
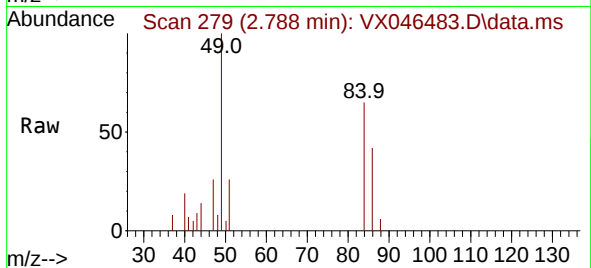




#20
Methylene Chloride
Concen: 3.390 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

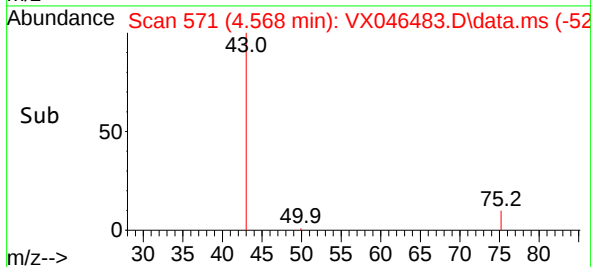
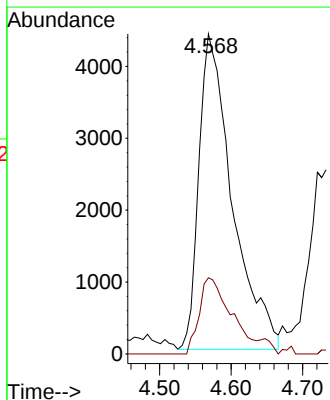
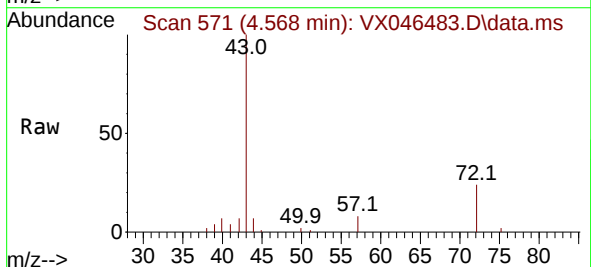
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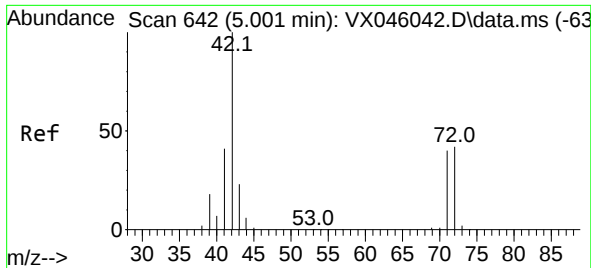
Tgt Ion:	84	Resp:	2889
Ion	Ratio	Lower	Upper
84	100		
49	154.0	113.9	170.9
51	40.1	33.5	50.3
86	64.1	53.8	80.8



#25
2-Butanone
Concen: 22.068 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion:	43	Resp:	14247
Ion	Ratio	Lower	Upper
43	100		
72	24.2	18.4	27.6

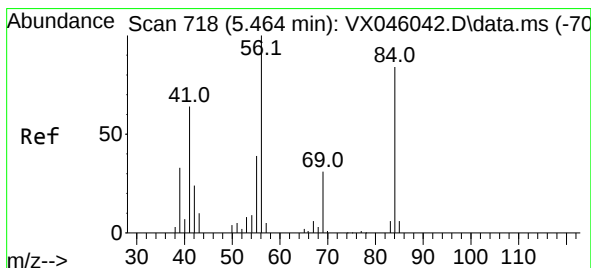
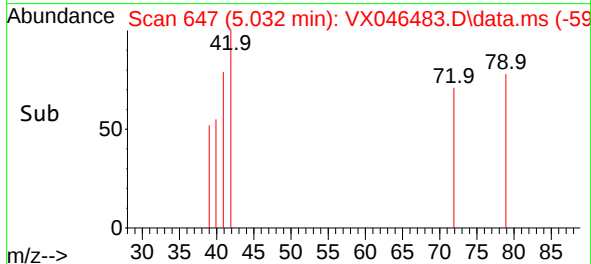
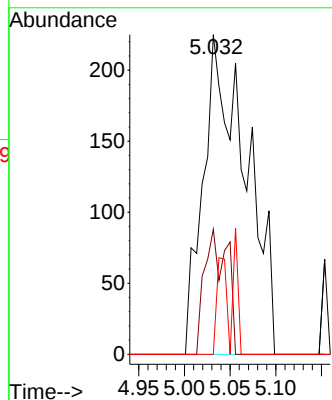
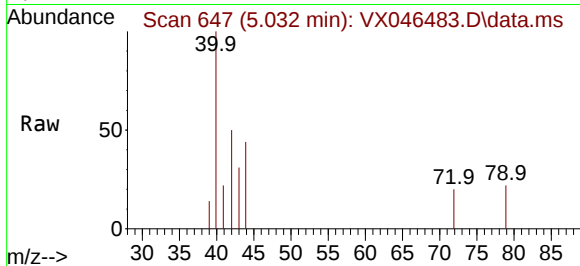




#29
Tetrahydrofuran
Concen: 1.804 ug/l
RT: 5.032 min Scan# 642
Delta R.T. 0.030 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

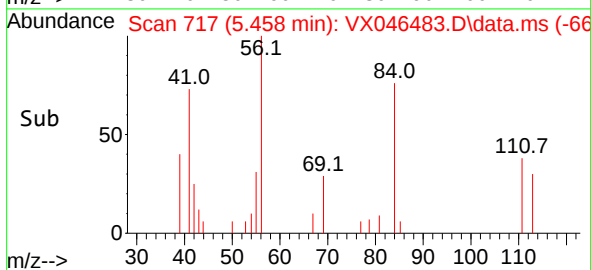
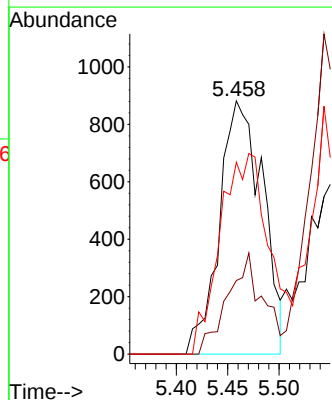
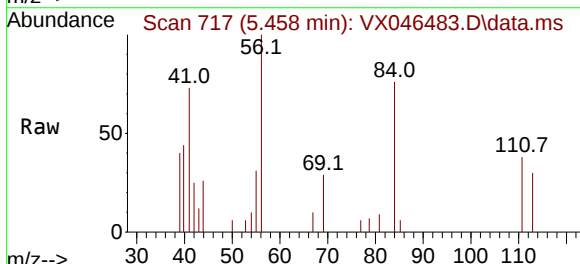
Instrument :
MSVOA_X
ClientSampleId :
C2

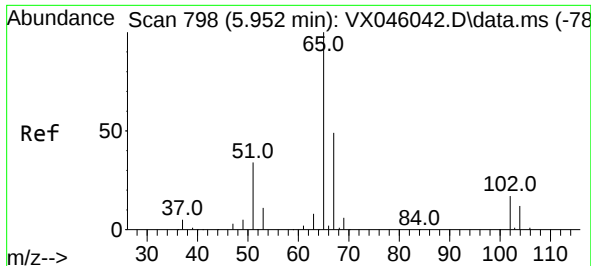
Tgt Ion:	42	Resp:	730
Ion	Ratio	Lower	Upper
42	100		
72	20.7	33.7	50.5#
71	6.7	31.4	47.2#



#31
Cyclohexane
Concen: 1.953 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion:	56	Resp:	2582
Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.4	36.6
84	75.7	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 52.721 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

Instrument :

MSVOA_X

ClientSampleId :

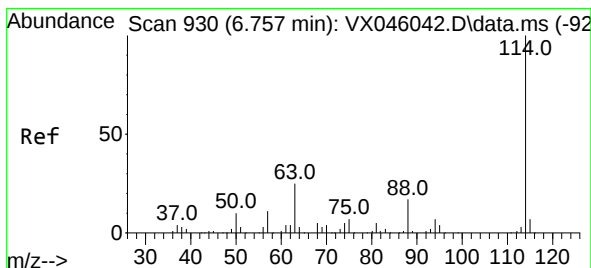
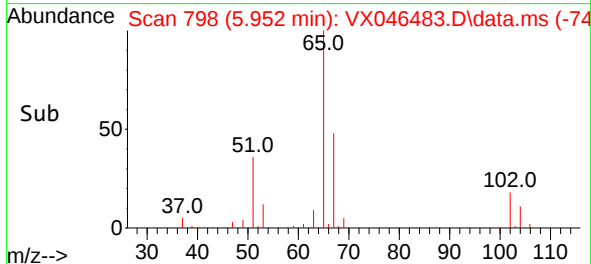
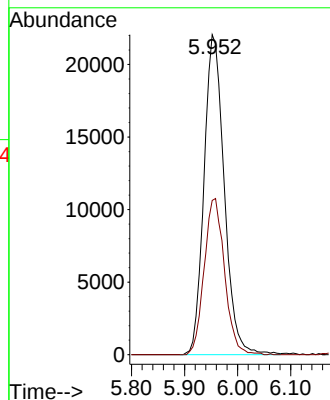
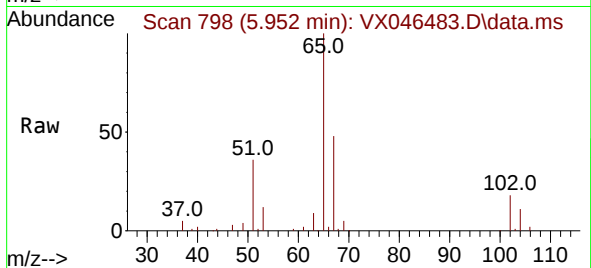
C2

Tgt Ion: 65 Resp: 58472

Ion Ratio Lower Upper

65 100

67 49.1 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: VX046483.D

Acq: 03 Jun 2025 19:15

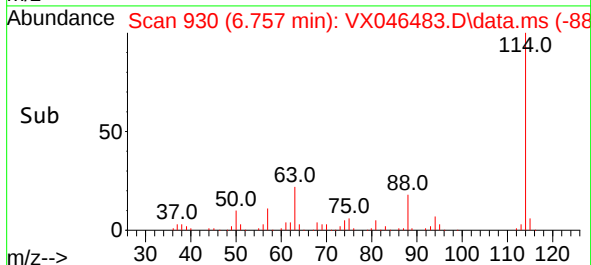
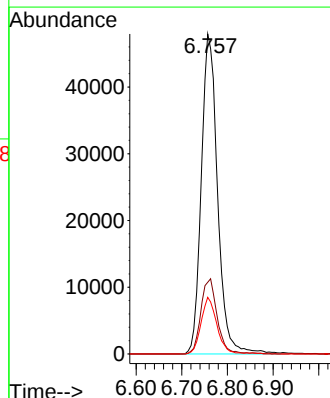
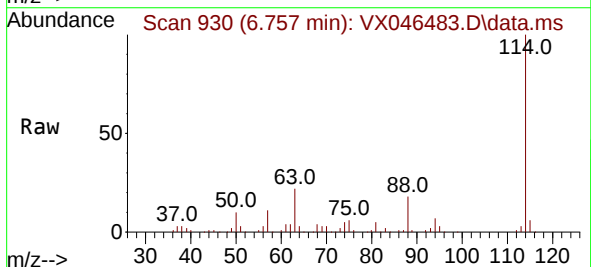
Tgt Ion: 114 Resp: 118530

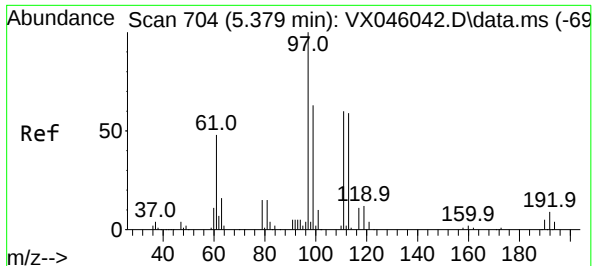
Ion Ratio Lower Upper

114 100

63 22.4 0.0 49.2

88 17.7 0.0 33.6

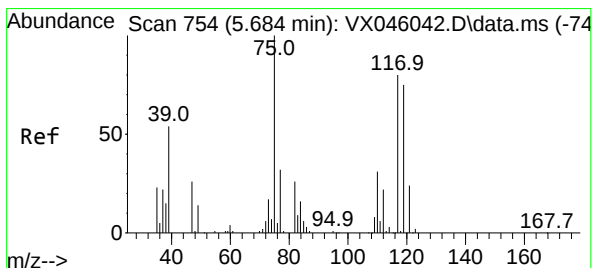
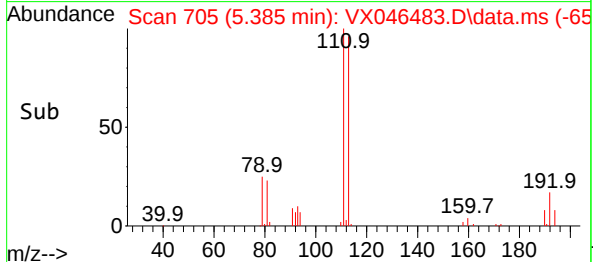
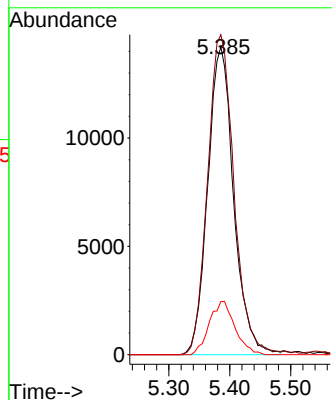
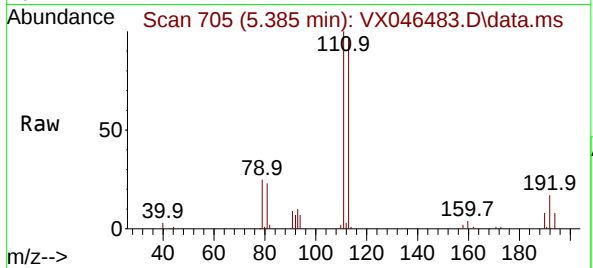




#35
Dibromofluoromethane
Concen: 49.285 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

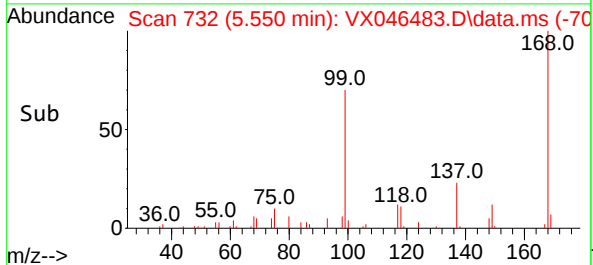
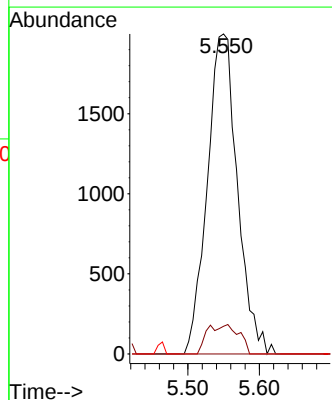
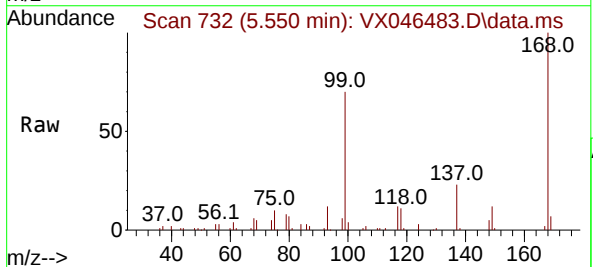
Instrument :
MSVOA_X
ClientSampleId :
C2

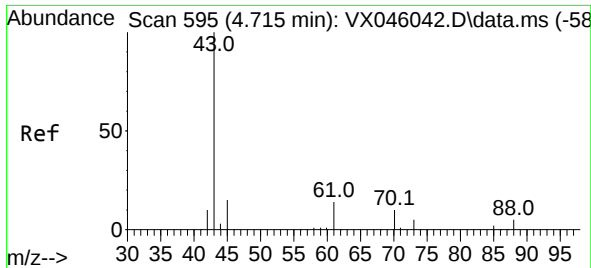
Tgt Ion:113 Resp: 42067
Ion Ratio Lower Upper
113 100
111 105.6 83.1 124.7
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 75 Resp: 5860
Ion Ratio Lower Upper
75 100
110 3.3 16.3 48.9#
77 0.0 24.3 36.5#

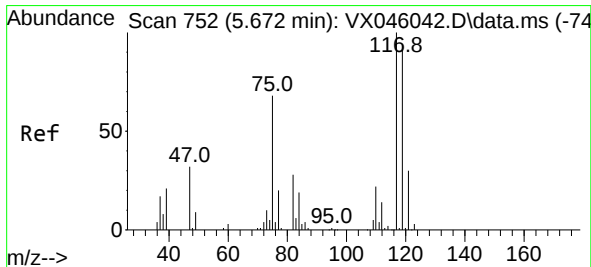
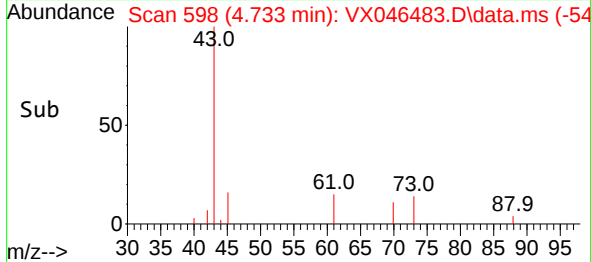
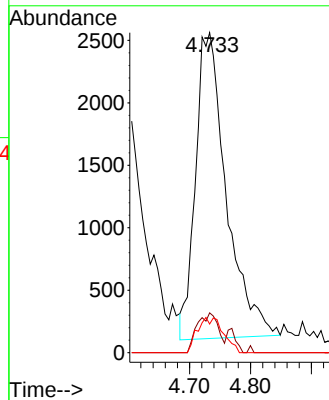
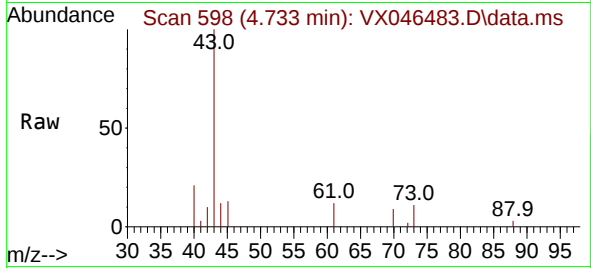




#37
Ethyl Acetate
Concen: 6.059 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

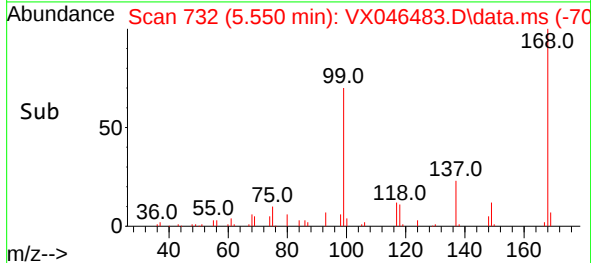
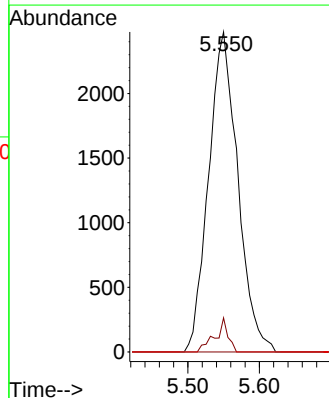
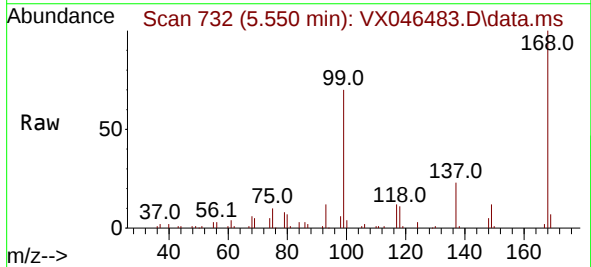
Instrument :
MSVOA_X
ClientSampleId :
C2

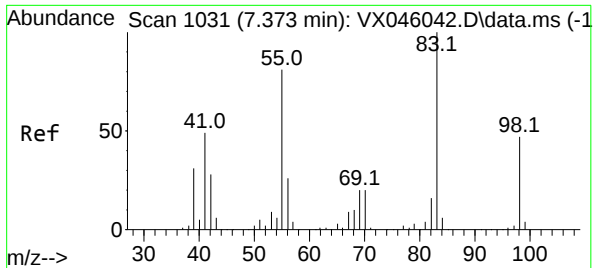
Tgt Ion: 43 Resp: 8585
Ion Ratio Lower Upper
43 100
61 9.0 10.3 15.5#
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 5.456 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 117 Resp: 7030
Ion Ratio Lower Upper
117 100
119 10.7 75.2 112.8#
121 0.0 24.2 36.4#

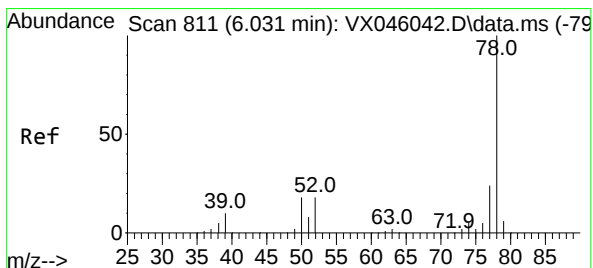
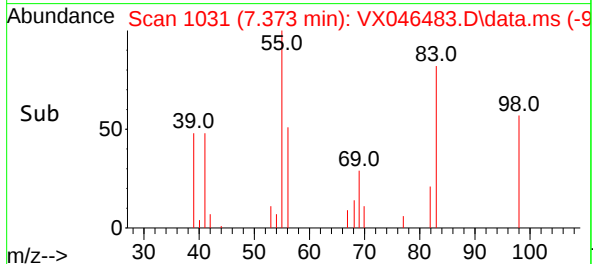
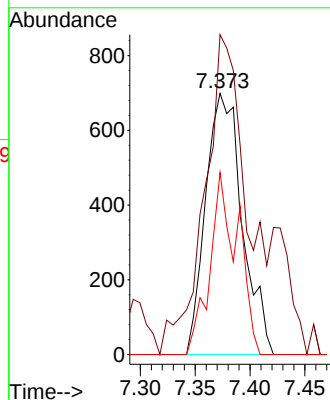
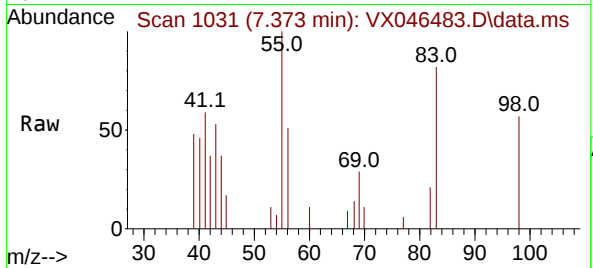




#39
Methylcyclohexane
Concen: 1.099 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

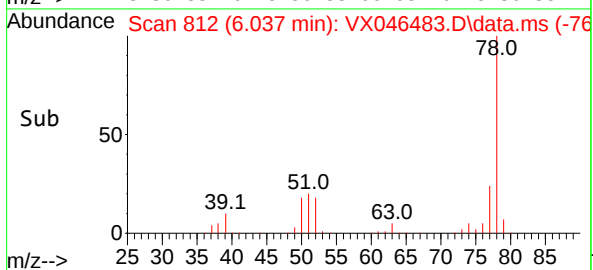
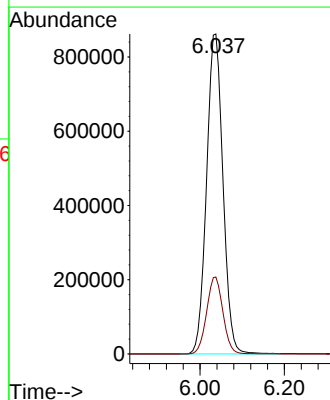
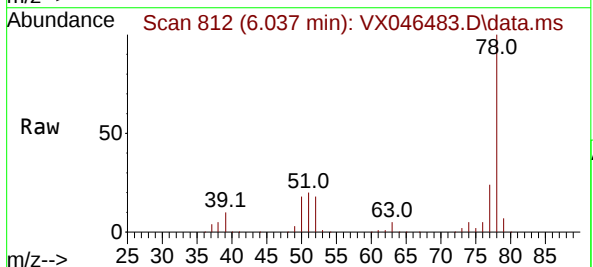
Instrument :
MSVOA_X
ClientSampleId :
C2

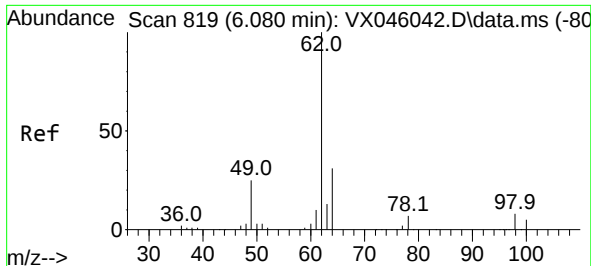
Tgt Ion: 83 Resp: 1623
Ion Ratio Lower Upper
83 100
55 108.4 64.7 97.1#
98 69.7 37.4 56.2#



#40
Benzene
Concen: 694.525 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 78 Resp: 2333004
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#42

1,2-Dichloroethane

Concen: 16.644 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.049 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

Instrument :

MSVOA_X

ClientSampleId :

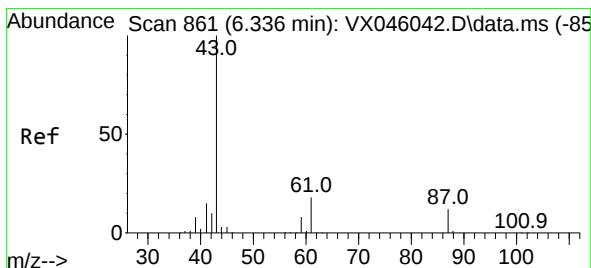
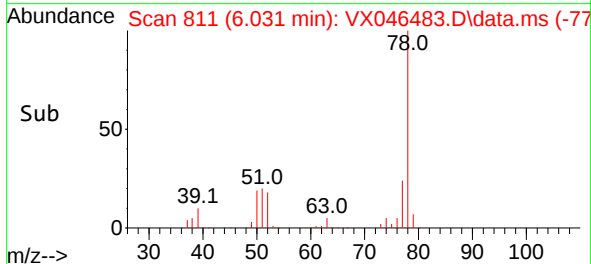
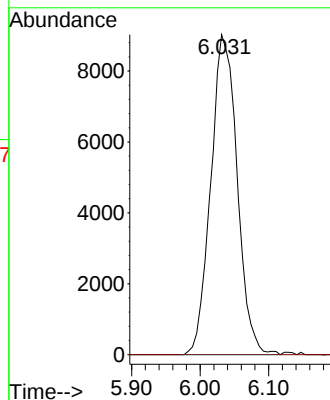
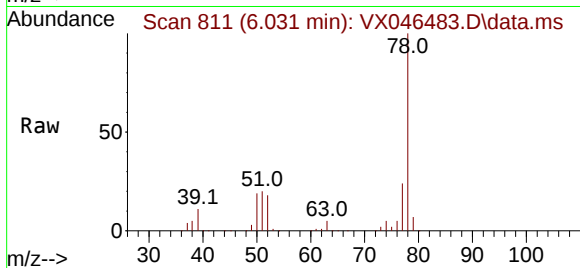
C2

Tgt Ion: 62 Resp: 24130

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.2



#43

Isopropyl Acetate

Concen: 2.823 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

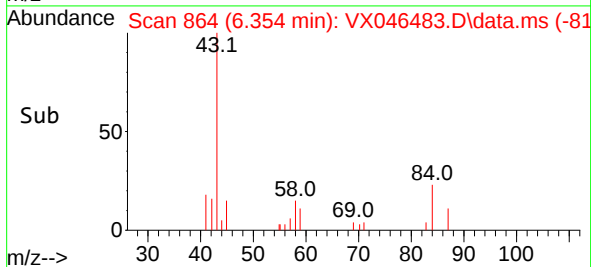
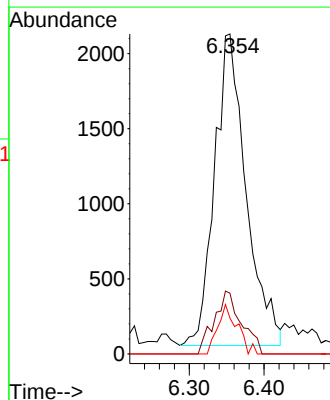
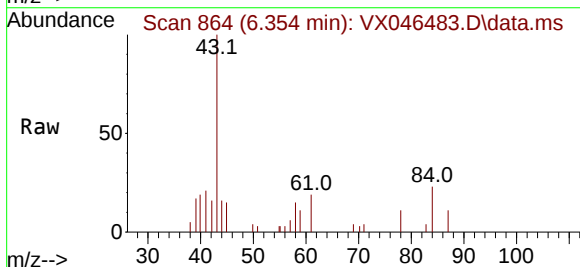
Tgt Ion: 43 Resp: 6101

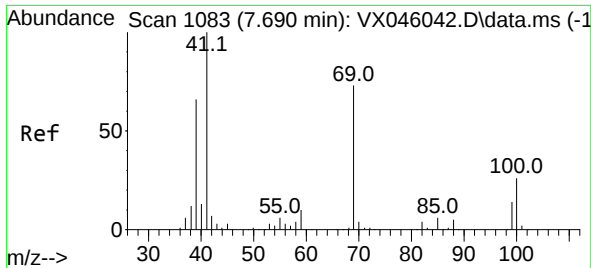
Ion Ratio Lower Upper

43 100

61 17.3 14.3 21.5

87 9.7 9.5 14.3

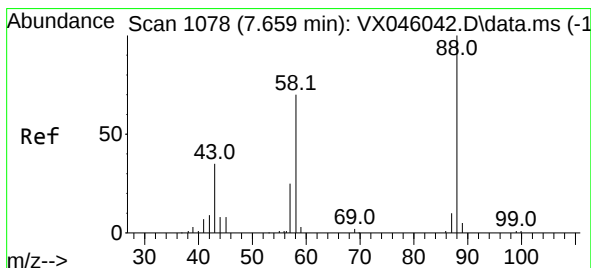
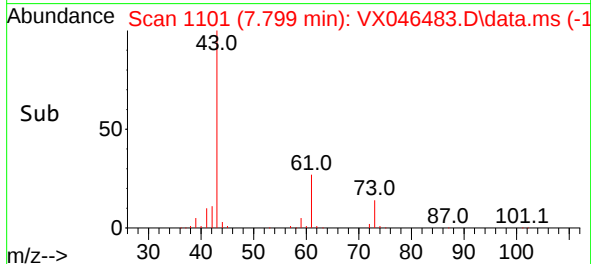
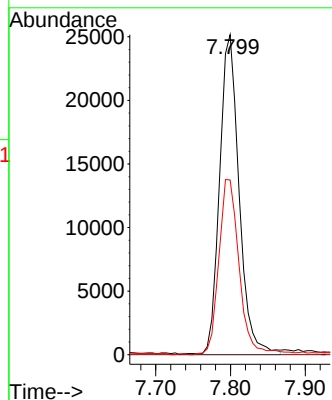
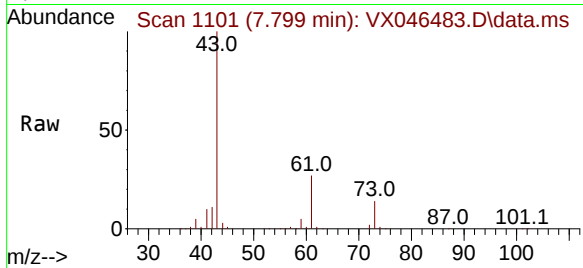




#48
Methyl methacrylate
Concen: 41.405 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

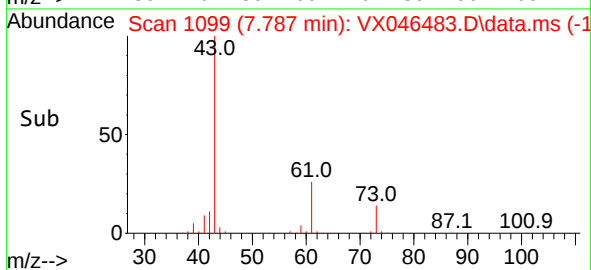
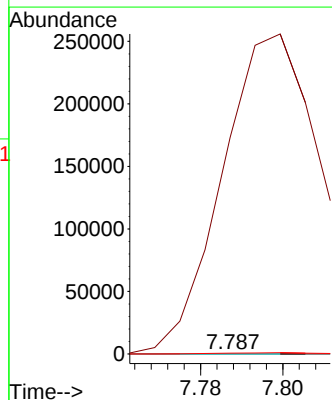
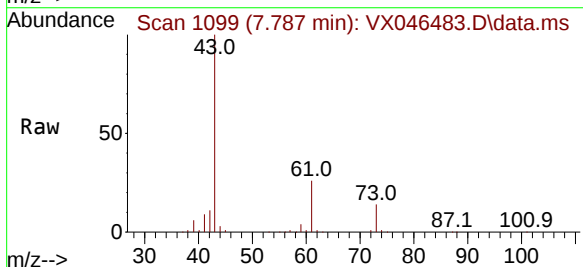
Instrument :
MSVOA_X
ClientSampleId :
C2

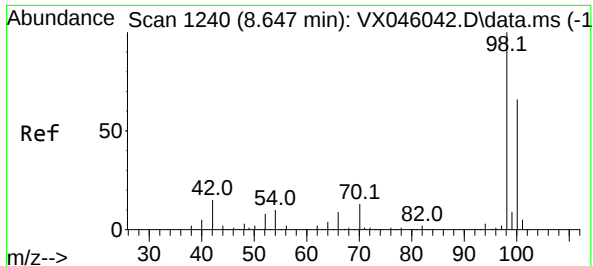
Tgt Ion: 41 Resp: 45708
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 57.1 51.7 77.5



#49
1,4-Dioxane
Concen: 1.240 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.128 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 1770242.3 33.4 50.2#
58 6873.1 58.6 88.0#

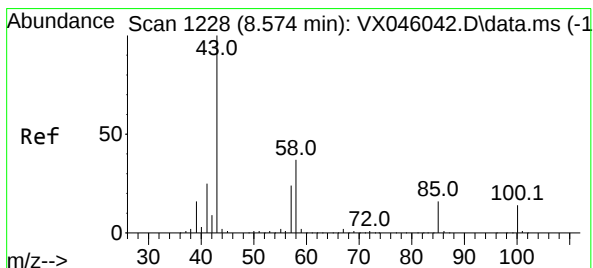
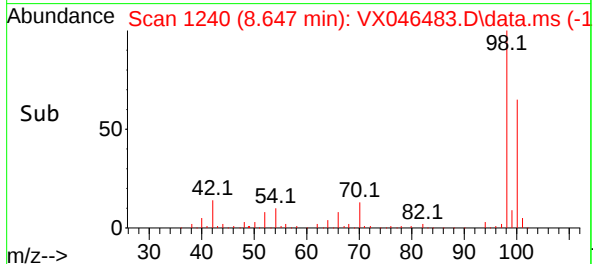
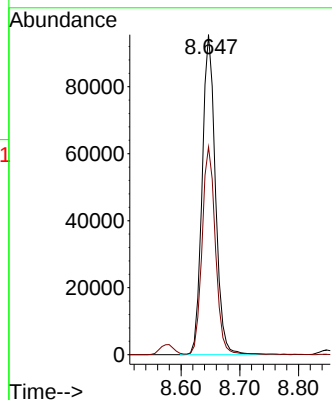
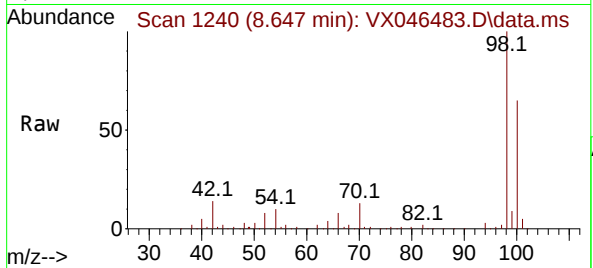




#50
Toluene-d8
Concen: 50.779 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

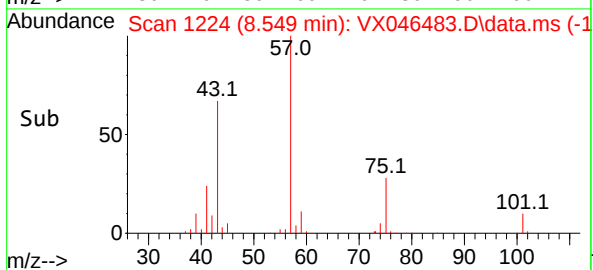
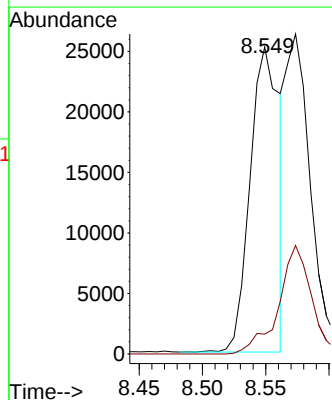
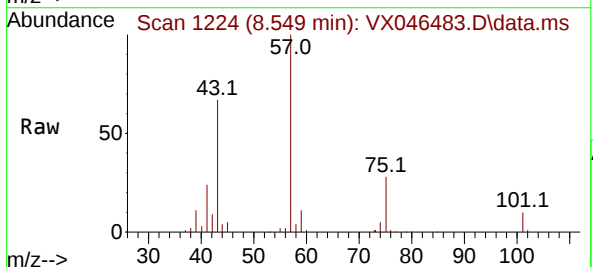
Instrument :
MSVOA_X
ClientSampleId :
C2

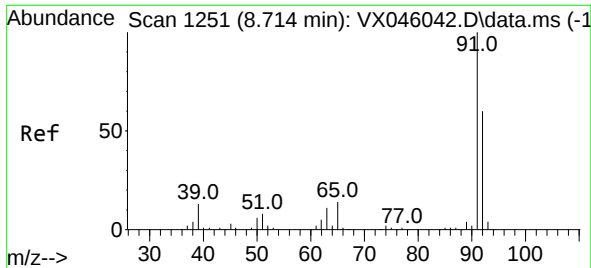
Tgt Ion: 98 Resp: 150013
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 28.331 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 43 Resp: 40649
Ion Ratio Lower Upper
43 100
58 0.0 28.9 43.3#

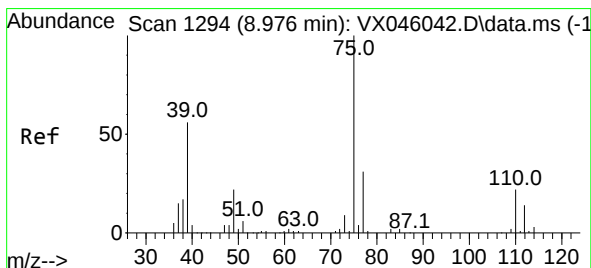
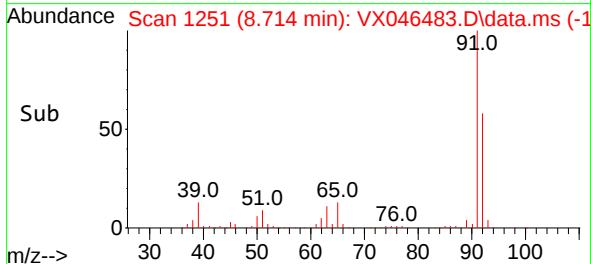
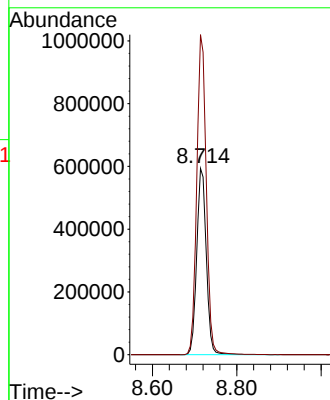
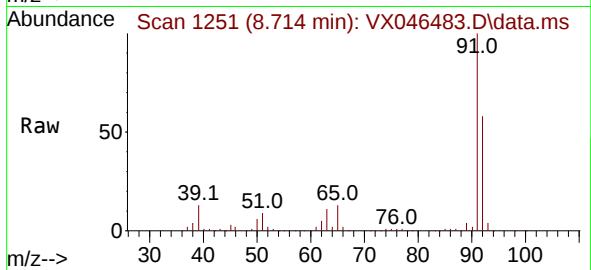




#52
Toluene
Concen: 453.539 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

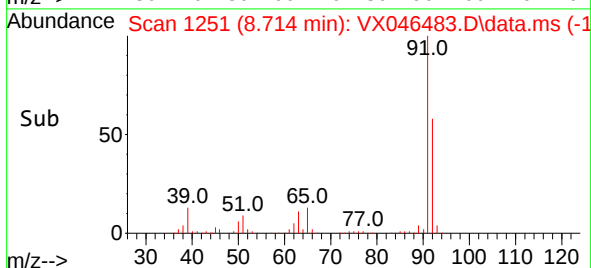
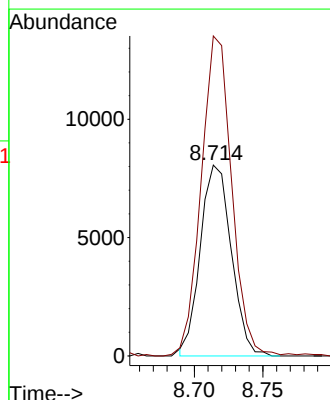
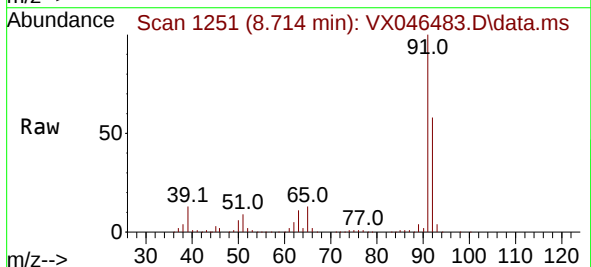
Instrument :
MSVOA_X
ClientSampleId :
C2

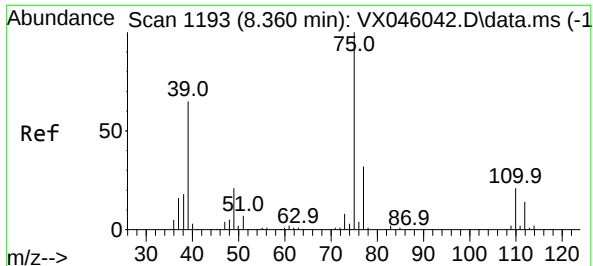
Tgt Ion: 92 Resp: 934183
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0



#53
t-1,3-Dichloropropene
Concen: 10.988 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 75 Resp: 12672
Ion Ratio Lower Upper
75 100
77 167.0 25.0 37.6#

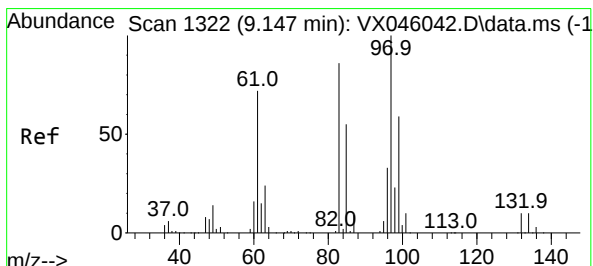
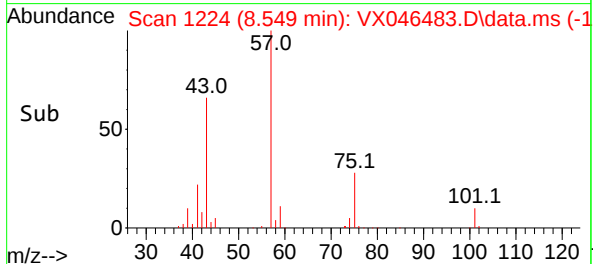
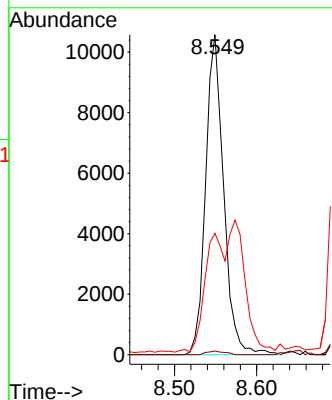
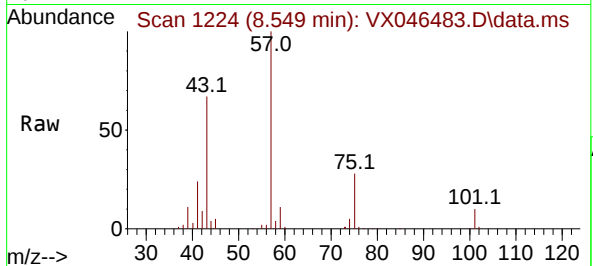




#54
 cis-1,3-Dichloropropene
 Concen: 12.631 ug/l
 RT: 8.549 min Scan# 11
 Delta R.T. 0.189 min
 Lab File: VX046483.D
 Acq: 03 Jun 2025 19:15

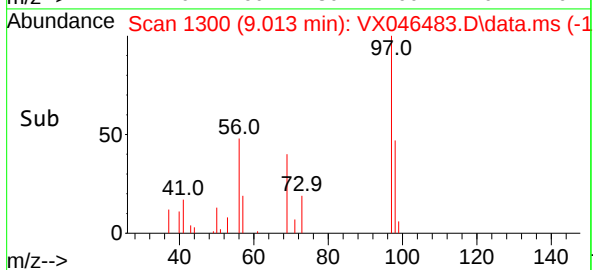
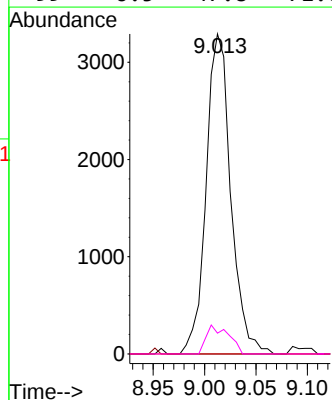
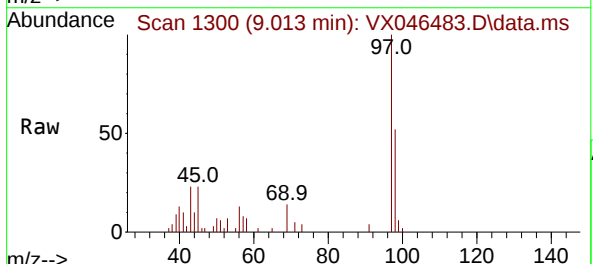
Instrument :
 MSVOA_X
 ClientSampleId :
 C2

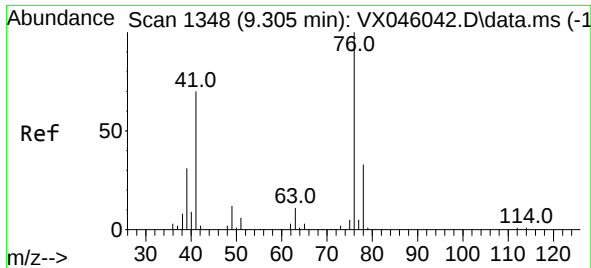
Tgt Ion: 75 Resp: 16100
 Ion Ratio Lower Upper
 75 100
 77 1.2 25.4 38.0#
 39 36.6 52.2 78.4#



#55
 1,1,2-Trichloroethane
 Concen: 6.767 ug/l
 RT: 9.013 min Scan# 1300
 Delta R.T. -0.134 min
 Lab File: VX046483.D
 Acq: 03 Jun 2025 19:15

Tgt Ion: 97 Resp: 5496
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.0 103.6#
 85 0.0 44.3 66.5#
 99 6.5 47.8 71.6#





#57

1,3-Dichloropropane

Concen: 0.716 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

Instrument :

MSVOA_X

ClientSampleId :

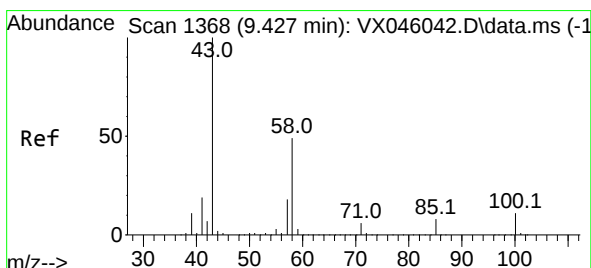
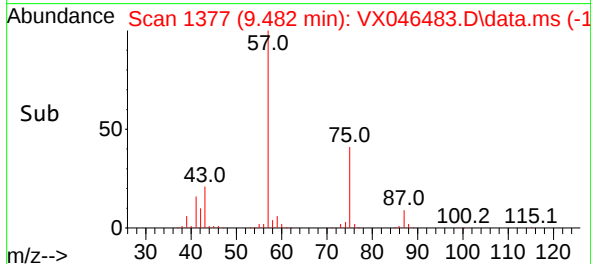
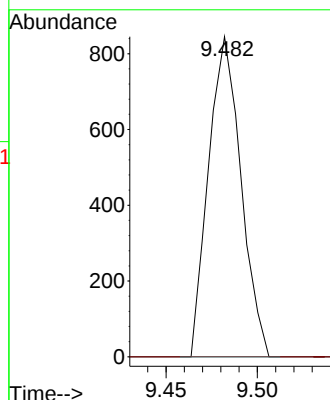
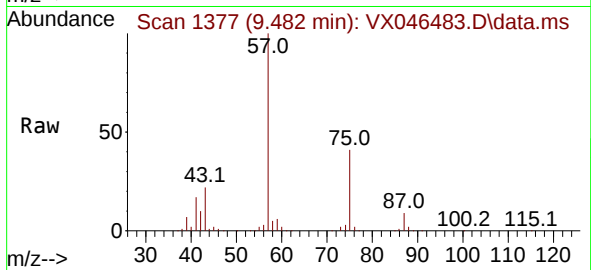
C2

Tgt Ion: 76 Resp: 1044

Ion Ratio Lower Upper

76 100

78 0.0 26.3 39.5#



#59

2-Hexanone

Concen: 1.437 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX046483.D

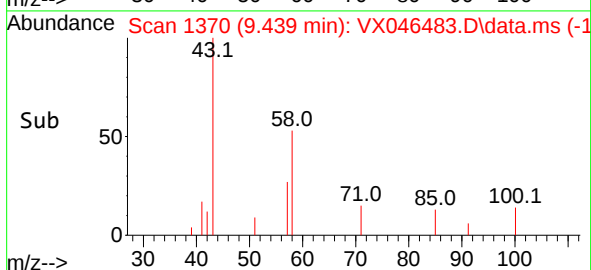
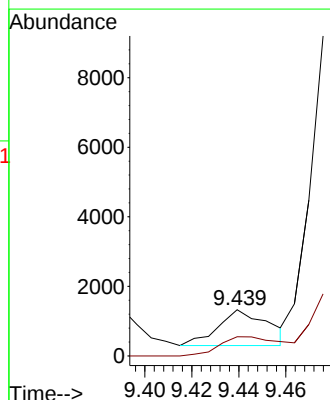
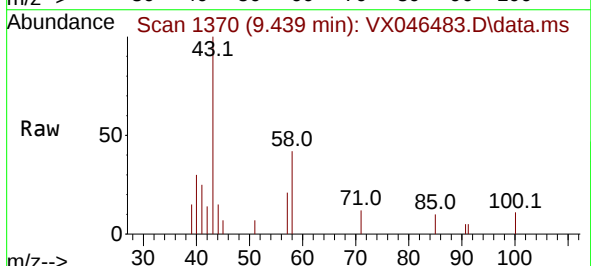
Acq: 03 Jun 2025 19:15

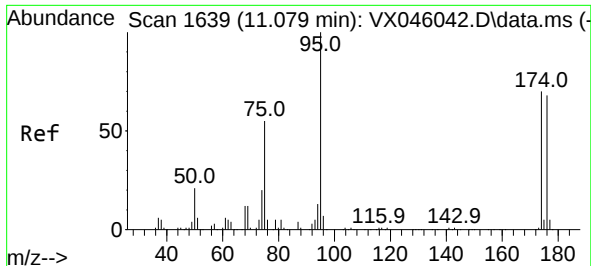
Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

58 60.1 24.9 74.6

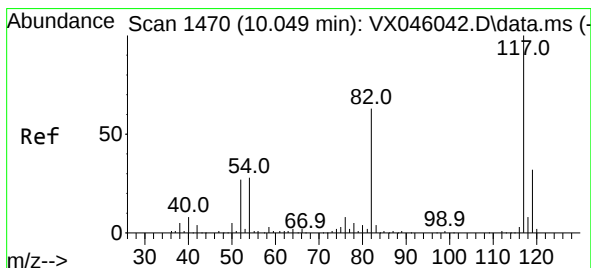
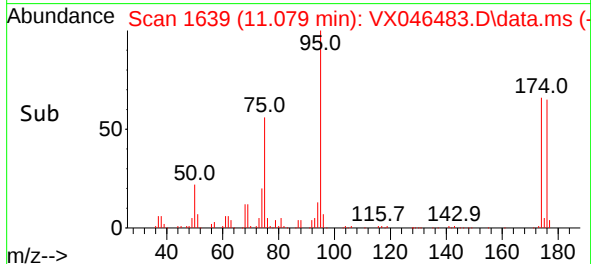
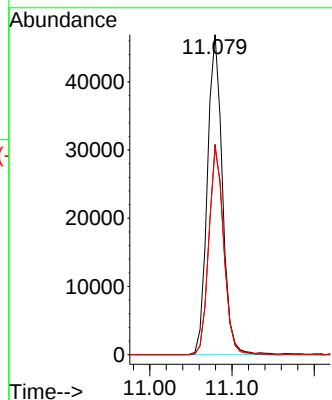
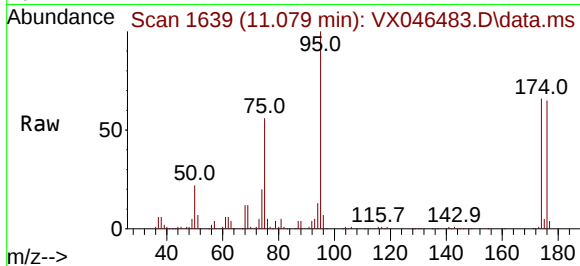




#62
4-Bromofluorobenzene
Concen: 52.491 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

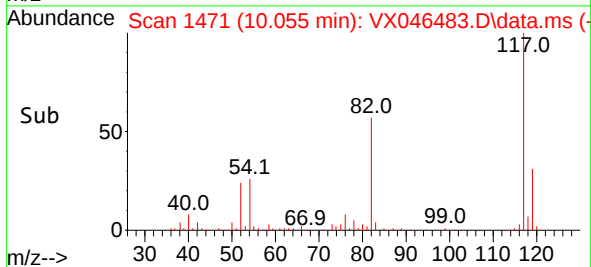
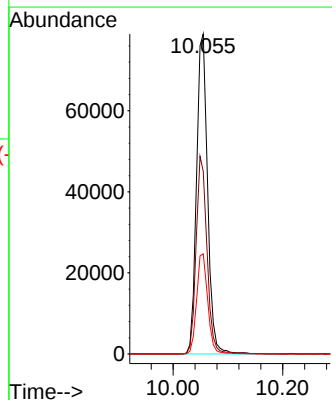
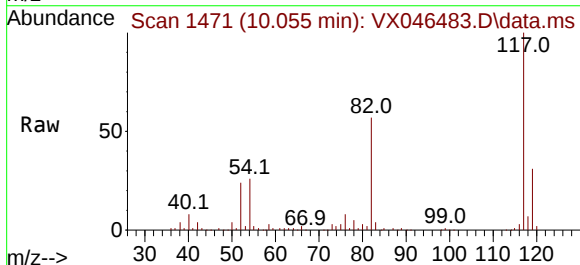
Instrument :
MSVOA_X
ClientSampleId :
C2

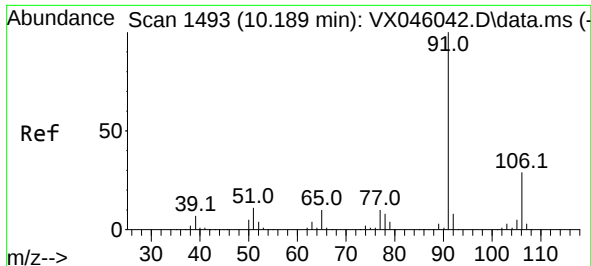
Tgt Ion: 95 Resp: 59483
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.8
176 64.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 117 Resp: 111114
Ion Ratio Lower Upper
117 100
82 57.1 50.6 76.0
119 31.3 25.8 38.6





#67

Ethyl Benzene

Concen: 20.424 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

Instrument :

MSVOA_X

ClientSampleId :

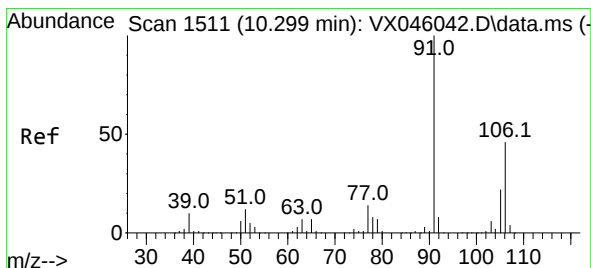
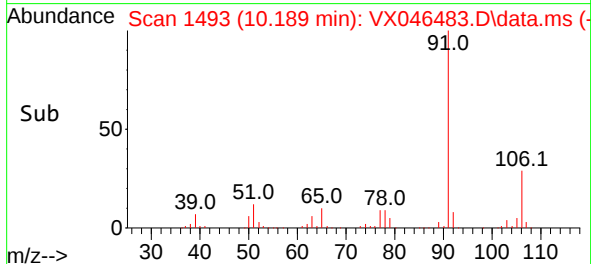
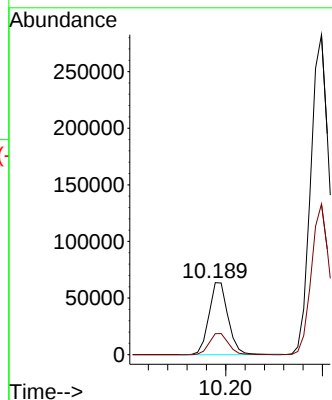
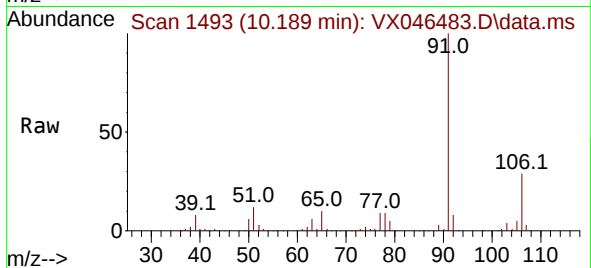
C2

Tgt Ion: 91 Resp: 87558

Ion Ratio Lower Upper

91 100

106 29.1 23.4 35.2



#68

m/p-Xylenes

Concen: 112.336 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046483.D

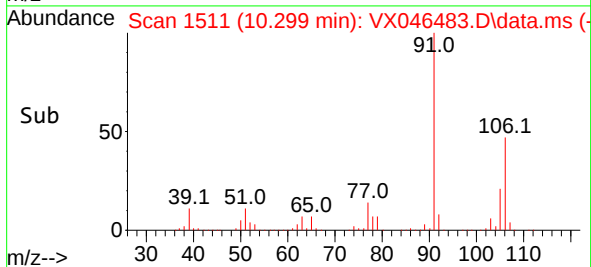
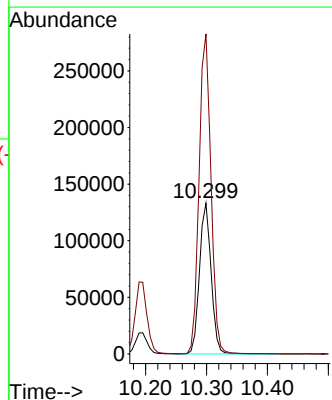
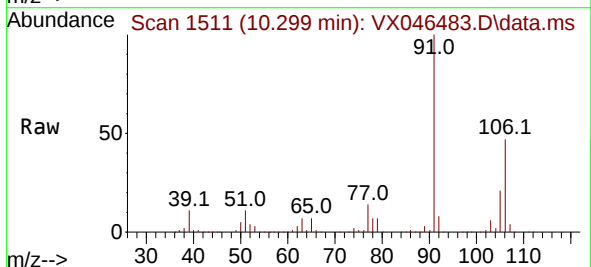
Acq: 03 Jun 2025 19:15

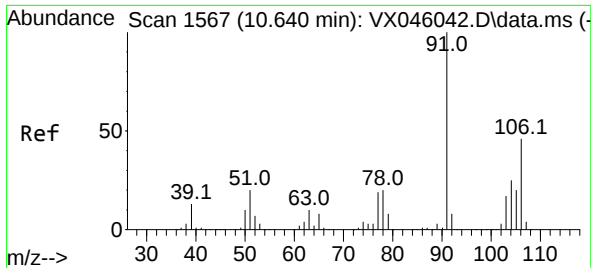
Tgt Ion: 106 Resp: 176136

Ion Ratio Lower Upper

106 100

91 216.7 171.2 256.8

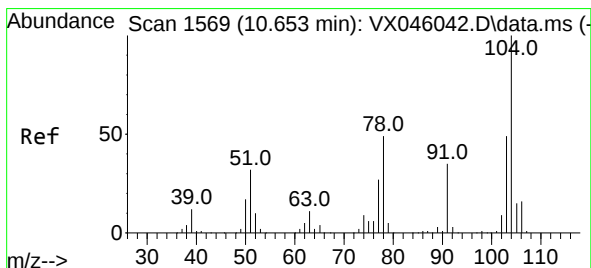
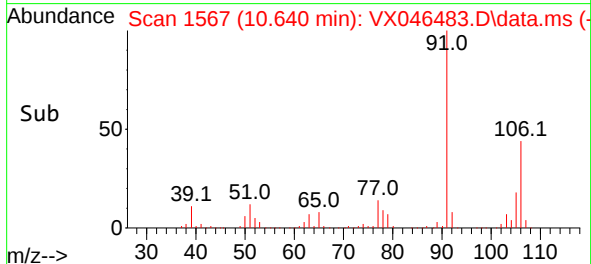
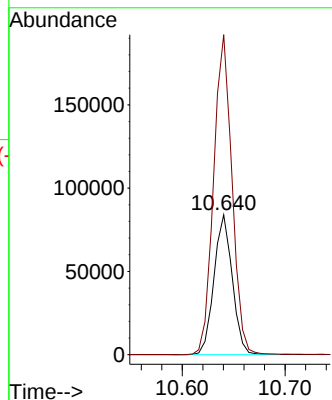
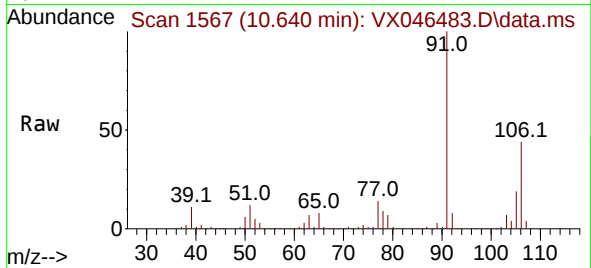




#69
o-Xylene
Concen: 67.710 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

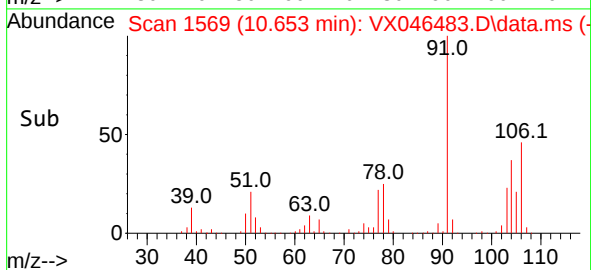
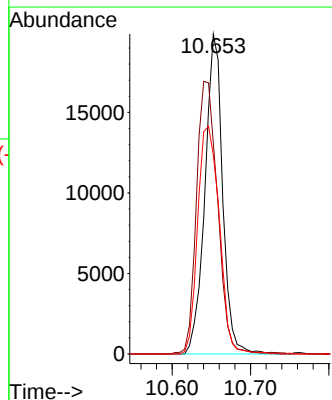
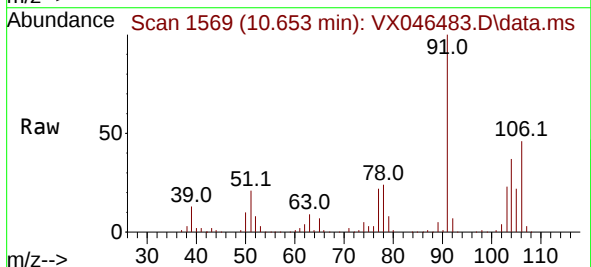
Instrument :
MSVOA_X
ClientSampleId :
C2

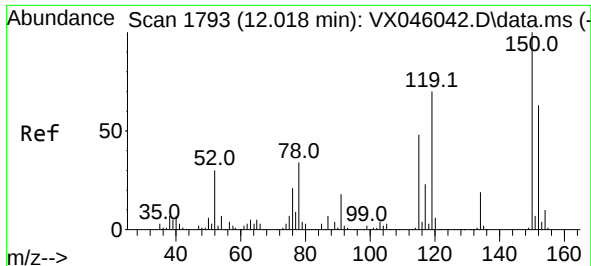
Tgt Ion:106 Resp: 103501
Ion Ratio Lower Upper
106 100
91 230.8 112.7 338.1



#70
Styrene
Concen: 12.446 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion:104 Resp: 31166
Ion Ratio Lower Upper
104 100
78 101.3 45.7 68.5#
103 87.1 43.7 65.5#

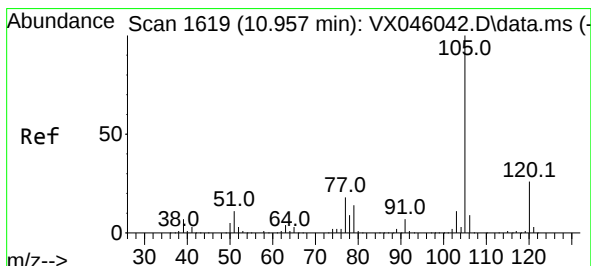
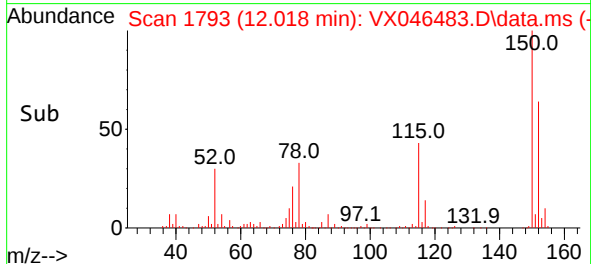
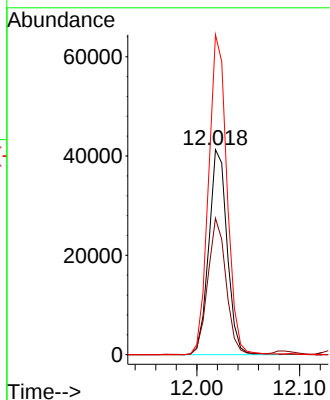
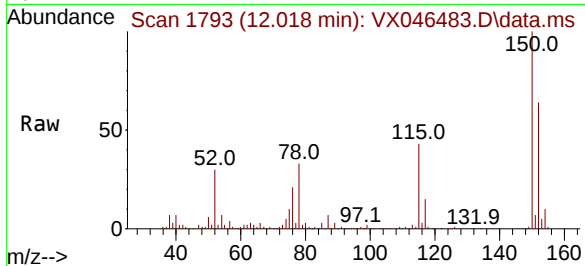




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

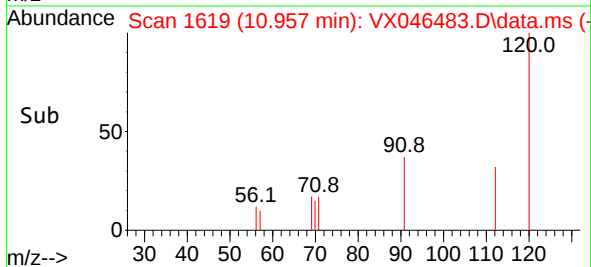
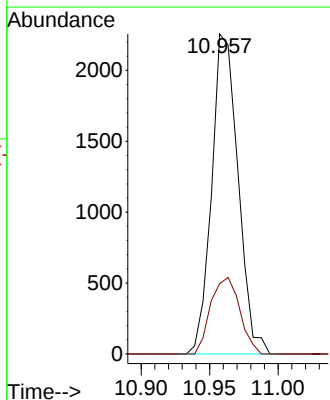
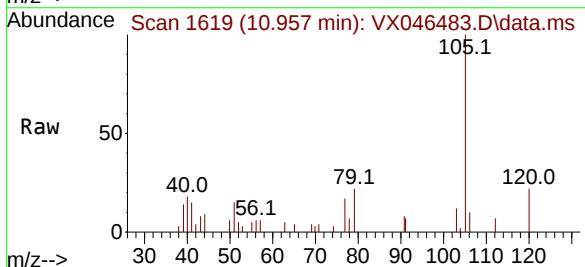
Instrument :
MSVOA_X
ClientSampleId :
C2

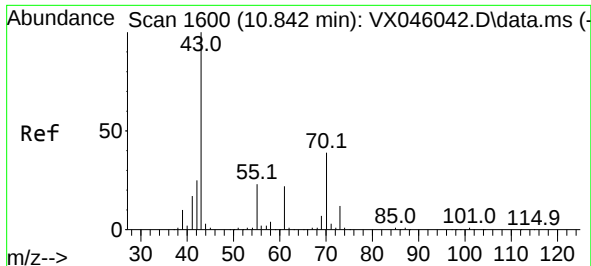
Tgt Ion:152 Resp: 51092
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 156.6 0.0 351.0



#73
Isopropylbenzene
Concen: 0.760 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion:105 Resp: 3023
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.4

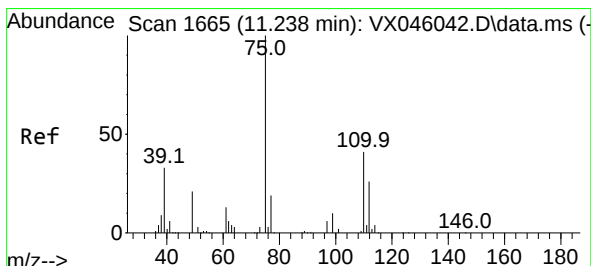
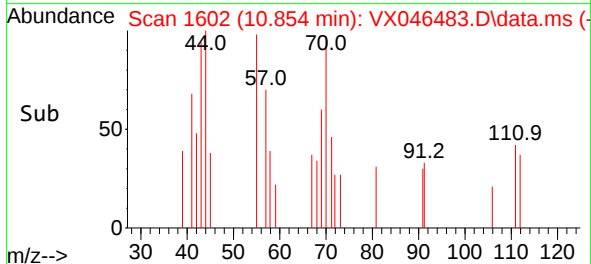
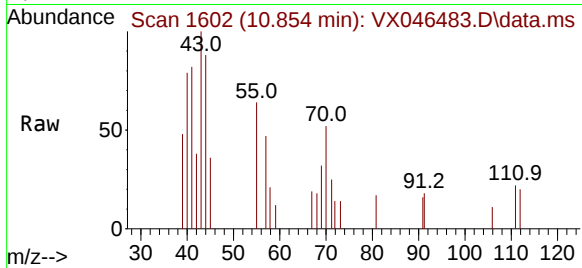




#74
N-amy1 acetate
Concen: 0.227 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

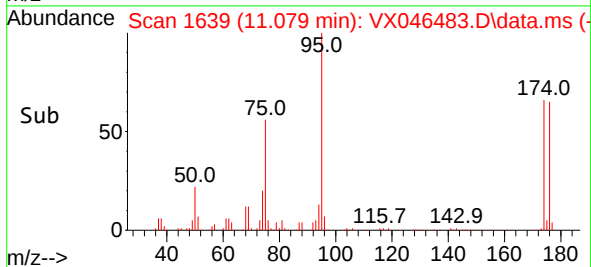
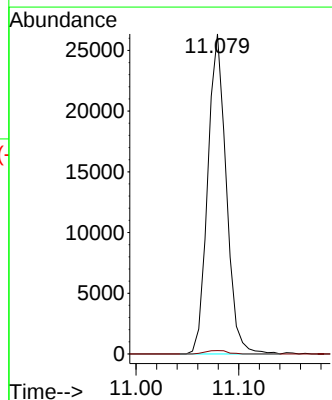
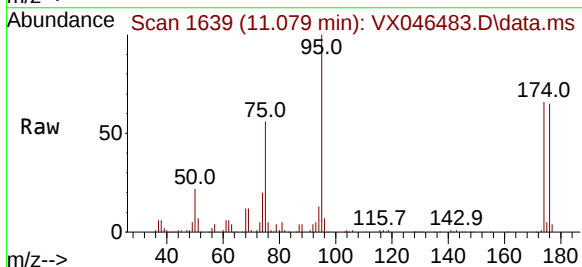
Instrument :
MSVOA_X
ClientSampleId :
C2

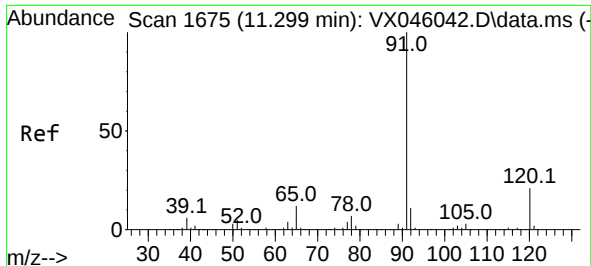
Tgt Ion:	43	Resp:	447
Ion	Ratio	Lower	Upper
43	100		
70	137.8	30.9	46.3#
55	70.2	18.7	28.1#
61	0.0	17.1	25.7#



#76
1,2,3-Trichloropropane
Concen: 26.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion:	75	Resp:	32931
Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.5#

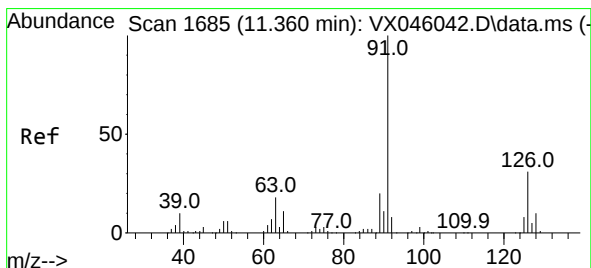
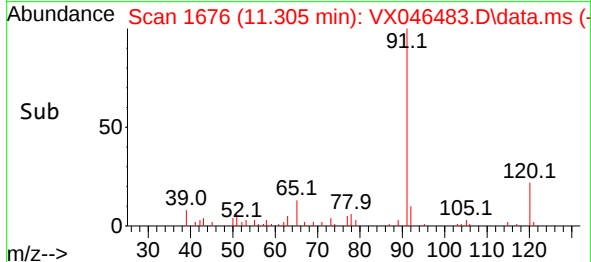
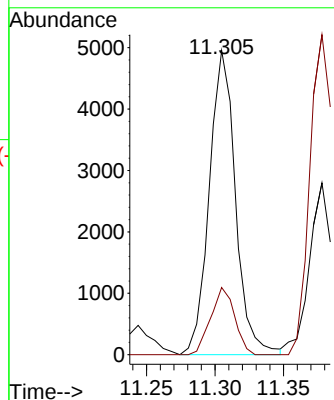
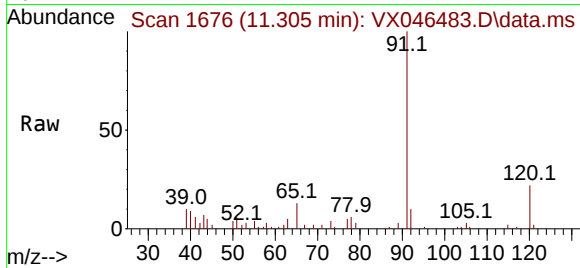




#78
n-propylbenzene
Concen: 1.426 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

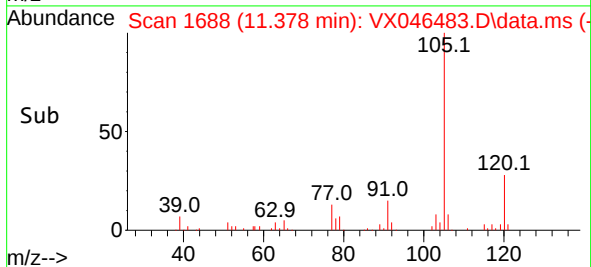
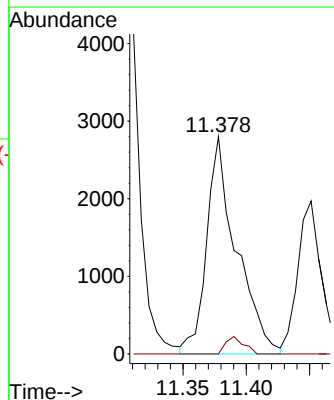
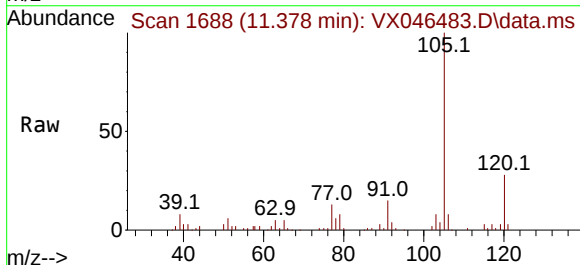
Instrument :
MSVOA_X
ClientSampleId :
C2

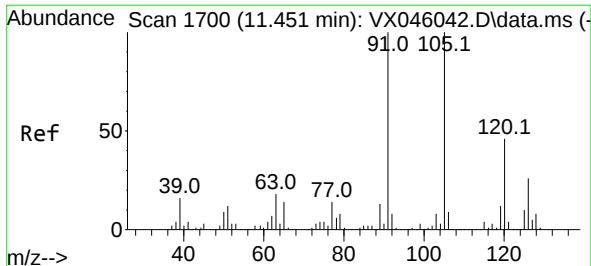
Tgt Ion: 91 Resp: 6596
Ion Ratio Lower Upper
91 100
120 20.2 10.8 32.4



#79
2-Chlorotoluene
Concen: 1.532 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 91 Resp: 4570
Ion Ratio Lower Upper
91 100
126 4.8 15.6 46.7#

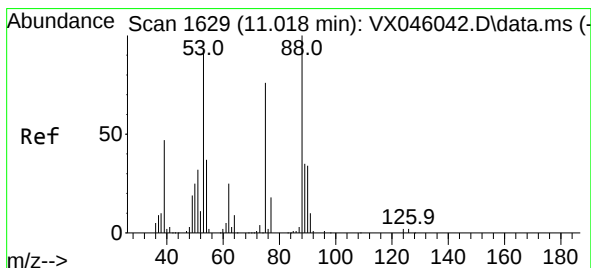
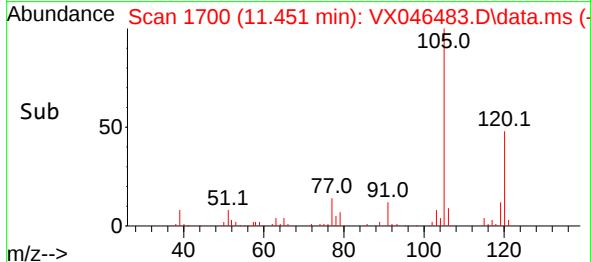
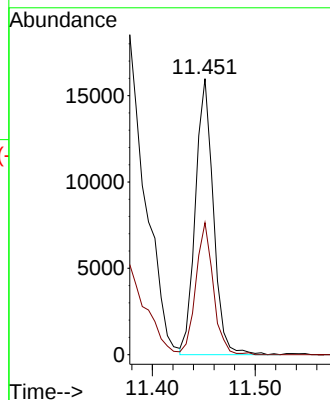
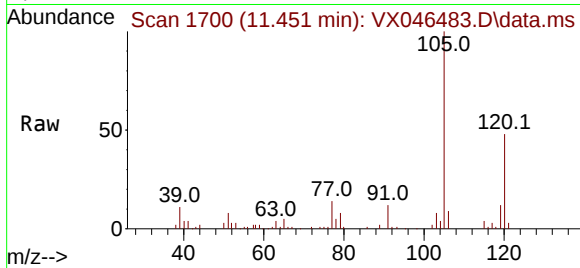




#80
1,3,5-Trimethylbenzene
Concen: 5.848 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

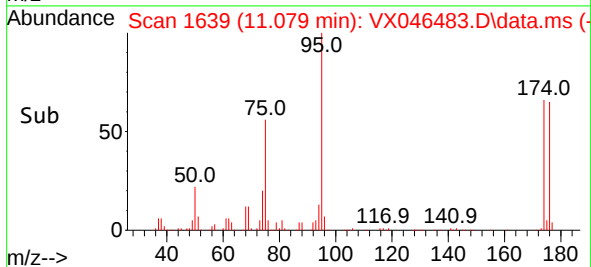
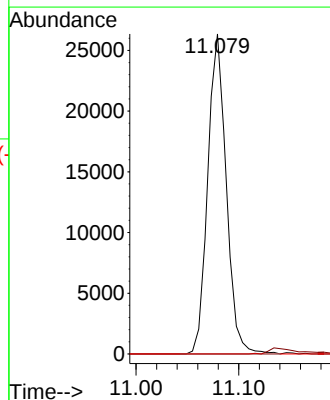
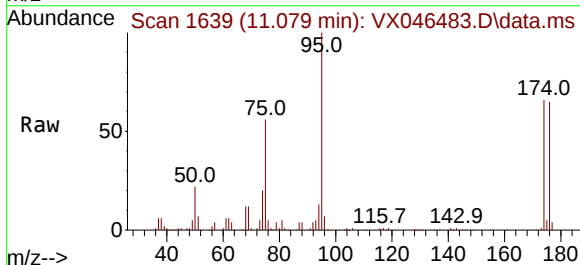
Instrument :
MSVOA_X
ClientSampleId :
C2

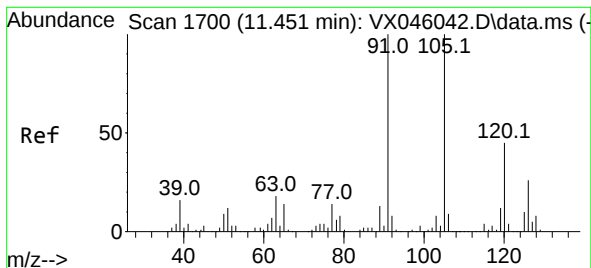
Tgt Ion:105 Resp: 19433
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2



#81
trans-1,4-Dichloro-2-butene
Concen: 87.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 75 Resp: 32931
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

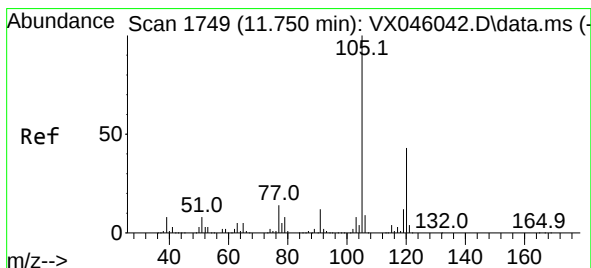
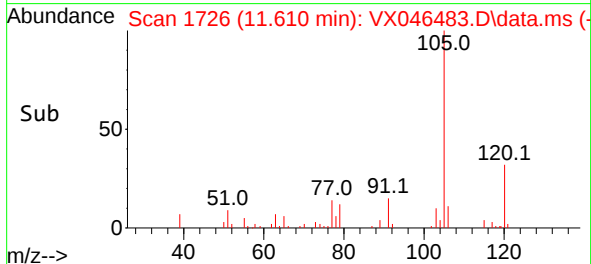
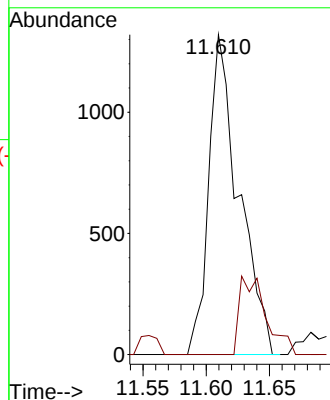
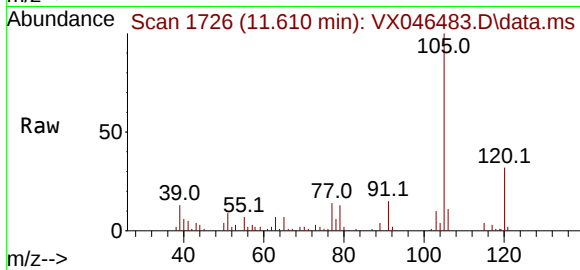




#82
4-Chlorotoluene
Concen: 0.658 ug/l
RT: 11.610 min Scan# 1726
Delta R.T. 0.158 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

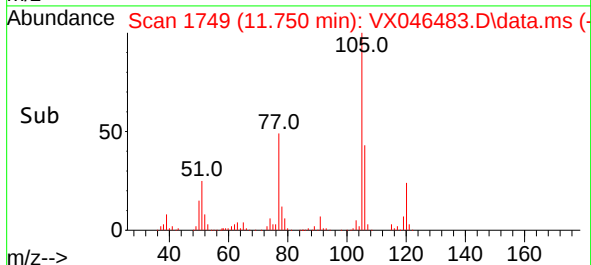
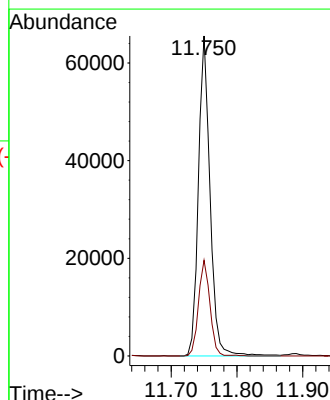
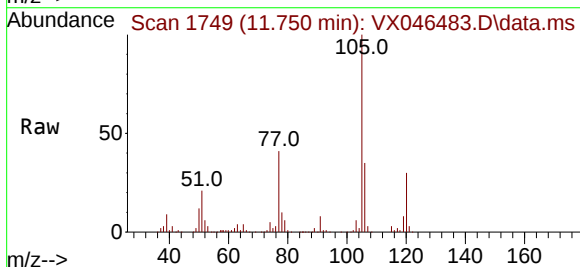
Instrument :
MSVOA_X
ClientSampleId :
C2

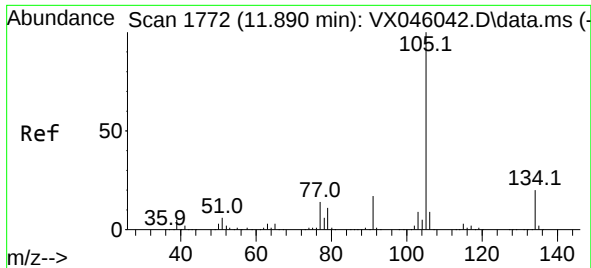
Tgt Ion: 91 Resp: 2177
Ion Ratio Lower Upper
91 100
126 21.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 23.923 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion: 105 Resp: 80506
Ion Ratio Lower Upper
105 100
120 29.4 21.2 63.6

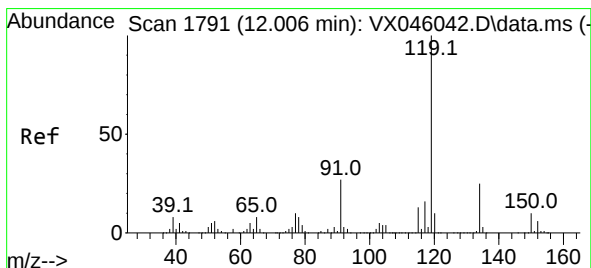
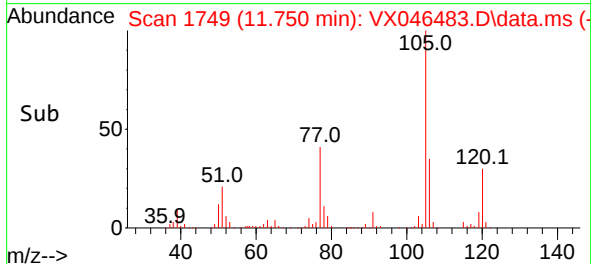
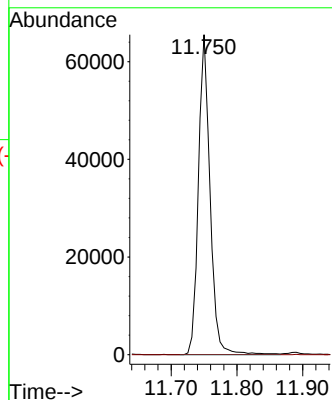
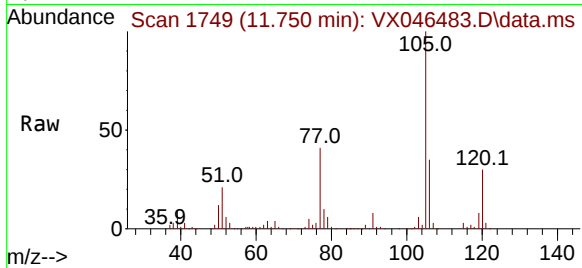




#85
sec-Butylbenzene
Concen: 19.588 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

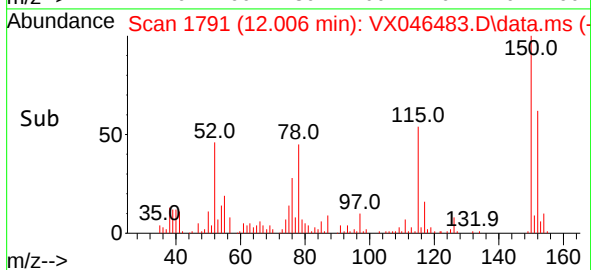
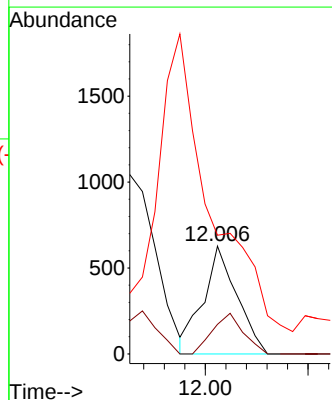
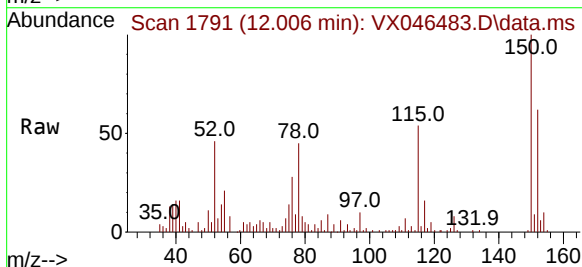
Instrument :
MSVOA_X
ClientSampleId :
C2

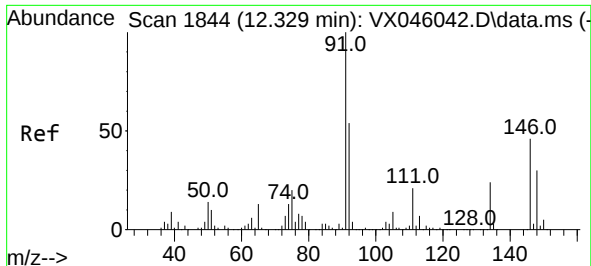
Tgt Ion:105 Resp: 80506
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#



#86
p-Isopropyltoluene
Concen: 0.211 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046483.D
Acq: 03 Jun 2025 19:15

Tgt Ion:119 Resp: 716
Ion Ratio Lower Upper
119 100
134 34.5 12.5 37.5
91 0.0 13.8 41.4#





#89

n-Butylbenzene

Concen: 0.372 ug/l

RT: 12.317 min Scan# 1106

Delta R.T. -0.012 min

Lab File: VX046483.D

Acq: 03 Jun 2025 19:15

Instrument :

MSVOA_X

ClientSampleId :

C2

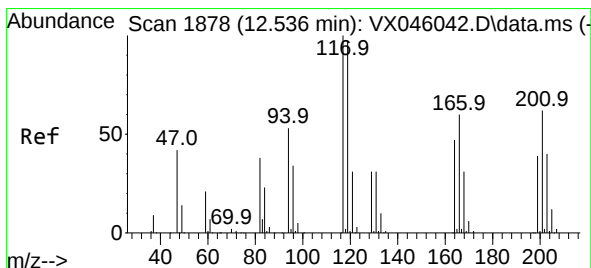
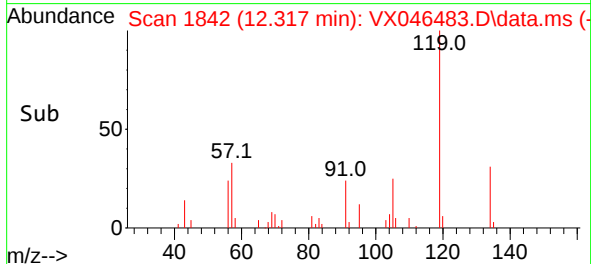
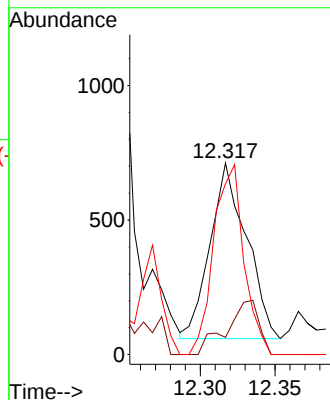
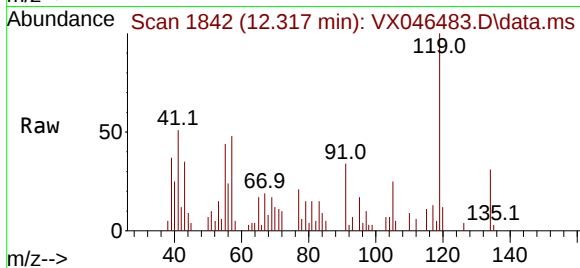
Tgt Ion: 91 Resp: 1106

Ion Ratio Lower Upper

91 100

92 27.5 26.9 80.7

134 89.6 11.8 35.3#



#90

Hexachloroethane

Concen: 0.867 ug/l

RT: 12.549 min Scan# 1880

Delta R.T. 0.012 min

Lab File: VX046483.D

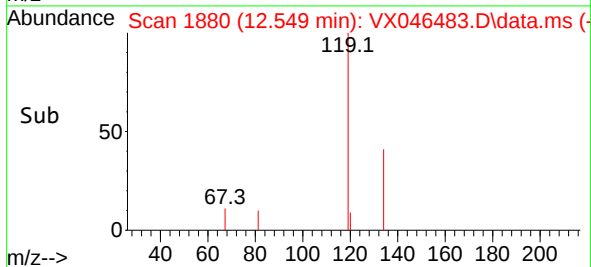
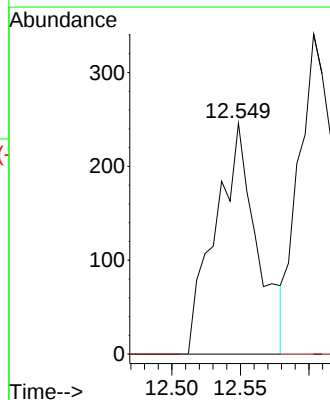
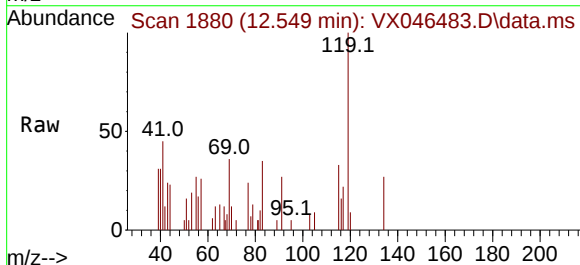
Acq: 03 Jun 2025 19:15

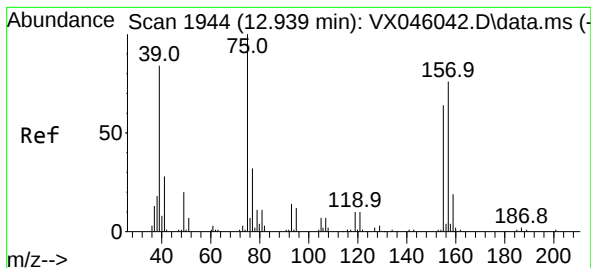
Tgt Ion: 117 Resp: 518

Ion Ratio Lower Upper

117 100

201 0.0 31.6 94.7#

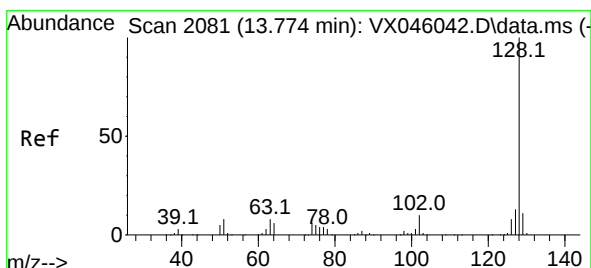
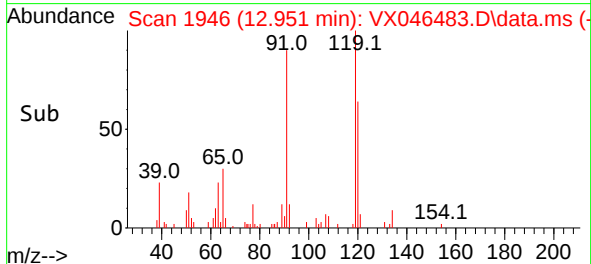
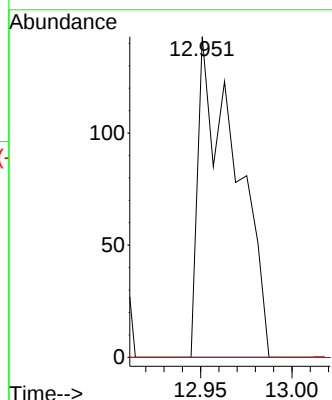
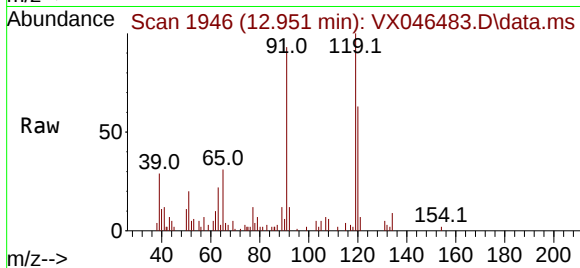




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.664 ug/l
 RT: 12.951 min Scan# 1946
 Delta R.T. 0.012 min
 Lab File: VX046483.D
 Acq: 03 Jun 2025 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 C2

Tgt Ion: 75 Resp: 205
 Ion Ratio Lower Upper
 75 100
 155 0.0 34.9 104.8#
 157 0.0 43.8 131.4#



#95
 Naphthalene
 Concen: 111.288 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX046483.D
 Acq: 03 Jun 2025 19:15

Tgt Ion: 128 Resp: 396485
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.4 15.6
 129 10.9 8.6 13.0

