

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046289.D
 Acq On : 21 May 2025 11:59
 Operator : JC/MD
 Sample : Q2065-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VACTRUCK-728068

Quant Time: May 21 12:25:43 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)

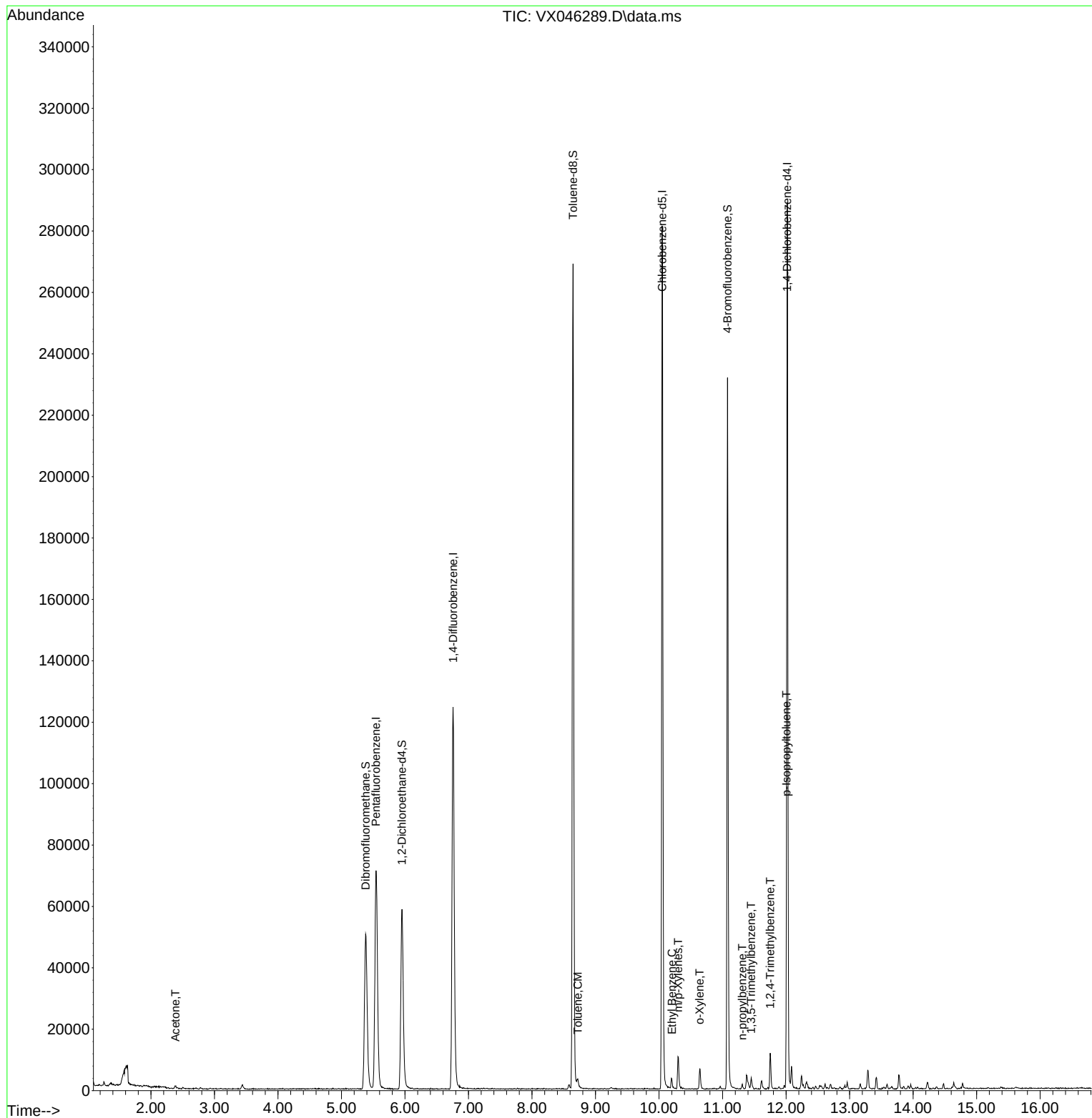
Internal Standards						
1) Pentafluorobenzene	5.544	168	60502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60611	53.735	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.480%	
35) Dibromofluoromethane	5.379	113	44301	51.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.820%	
50) Toluene-d8	8.647	98	153275	51.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	11.079	95	59312	51.840	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.680%	
Target Compounds						
16) Acetone	2.386	43	1218	2.693	ug/l #	85
52) Toluene	8.720	92	1061	0.510	ug/l	100
67) Ethyl Benzene	10.201	91	2375	0.537	ug/l	95
68) m/p-Xylenes	10.299	106	2644	1.635	ug/l	90
69) o-Xylene	10.640	106	1521	0.965	ug/l	85
78) n-propylbenzene	11.311	91	1105	0.235	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	1812	0.535	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	5710	1.665	ug/l	98
86) p-Isopropyltoluene	12.006	119	4512	1.305	ug/l	97

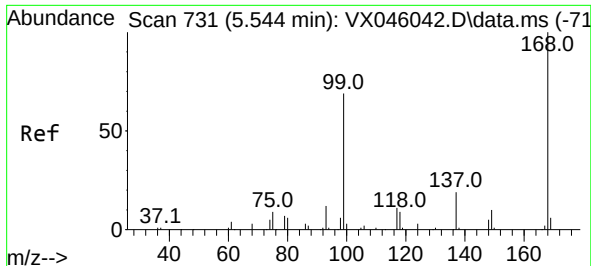
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
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VACTRUCK-728068

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

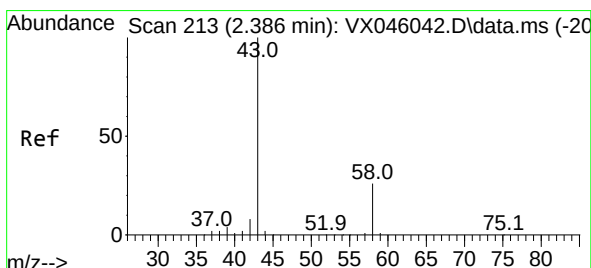
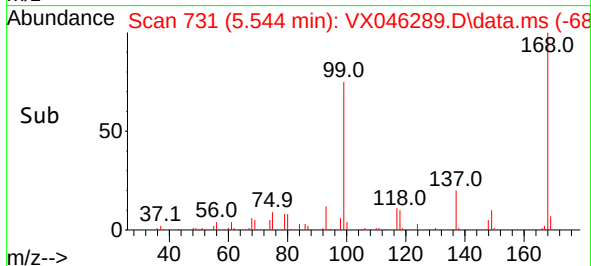
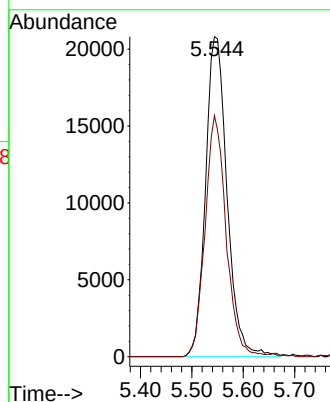
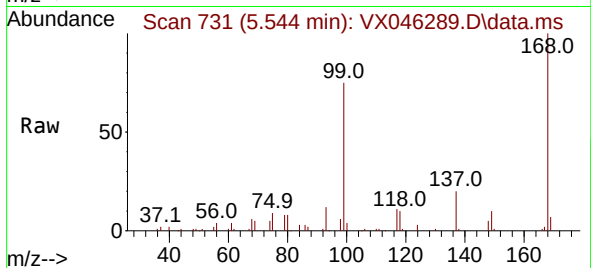




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

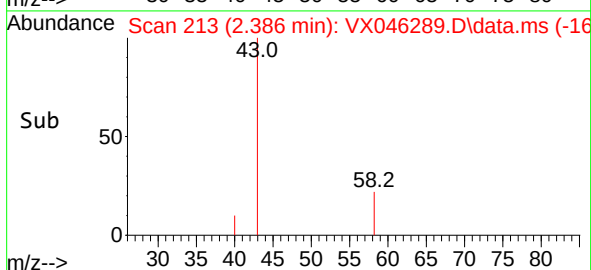
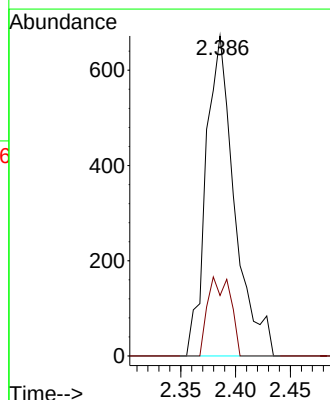
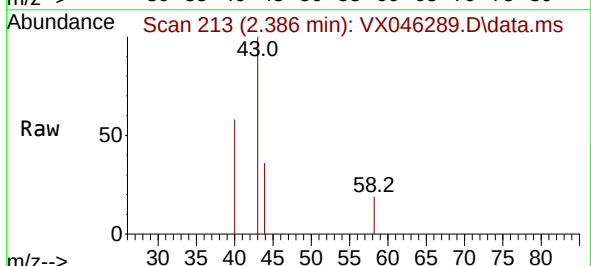
Instrument :
MSVOA_X
ClientSampleId :
VACTRUCK-728068

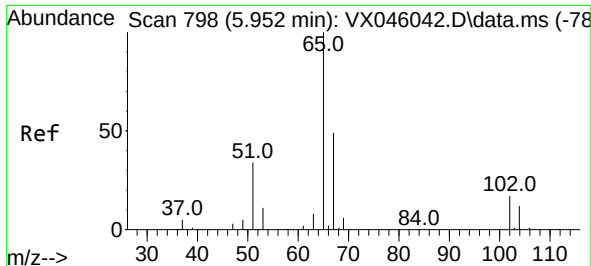
Tgt Ion:168 Resp: 60502
Ion Ratio Lower Upper
168 100
99 75.3 54.9 82.3



#16
Acetone
Concen: 2.693 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 18.9 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 53.735 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046289.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

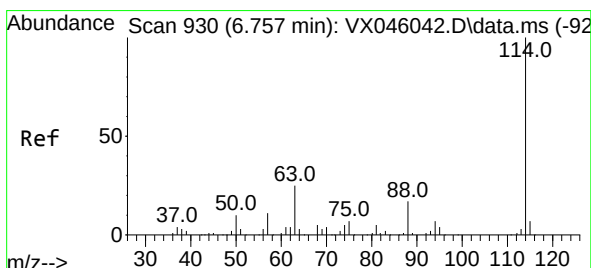
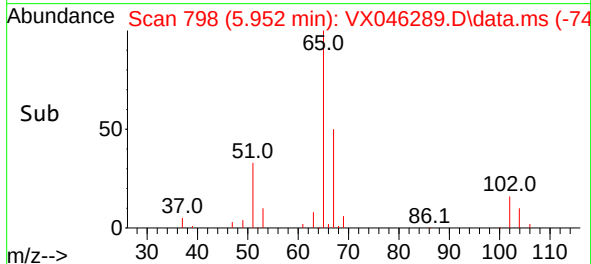
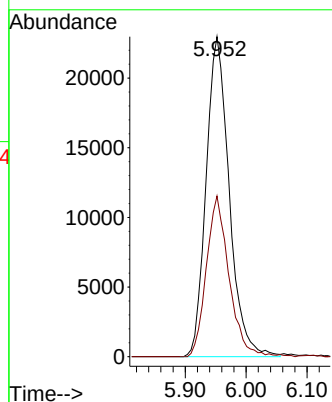
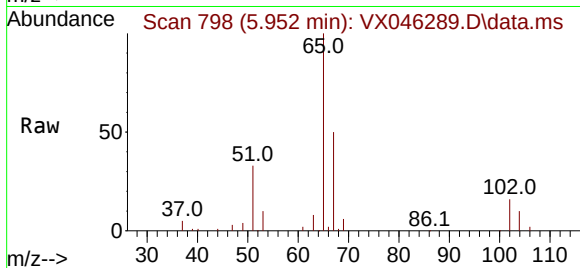
VACTRUCK-728068

Tgt Ion: 65 Resp: 60611

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: VX046289.D

Acq: 21 May 2025 11:59

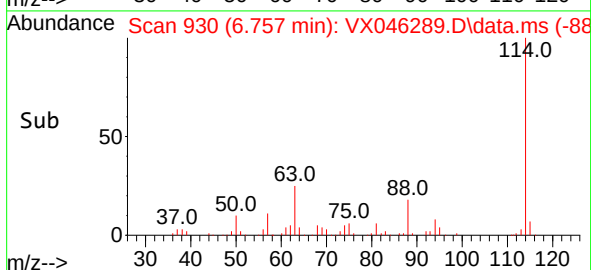
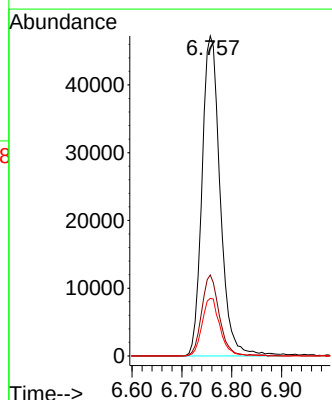
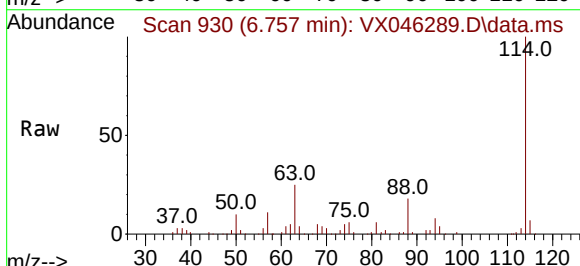
Tgt Ion: 114 Resp: 119674

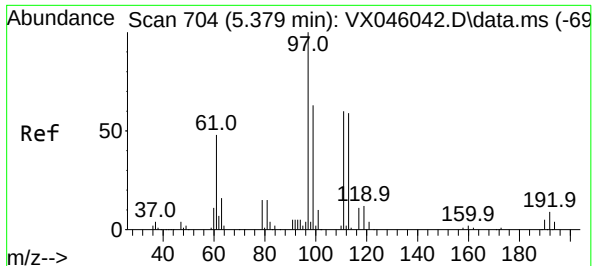
Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

88 18.0 0.0 33.6

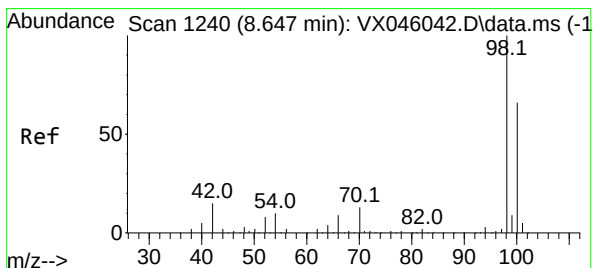
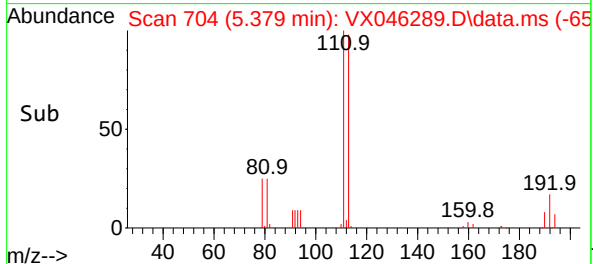
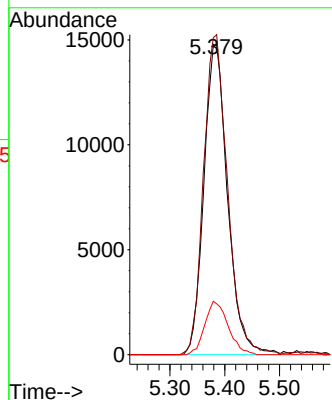
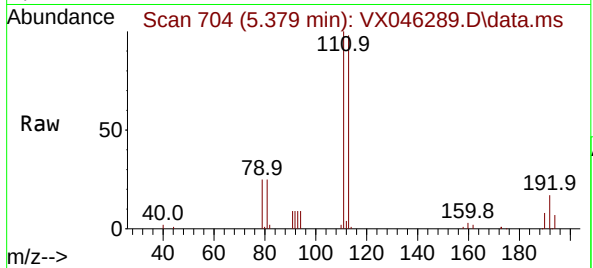




#35
Dibromofluoromethane
Concen: 51.406 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

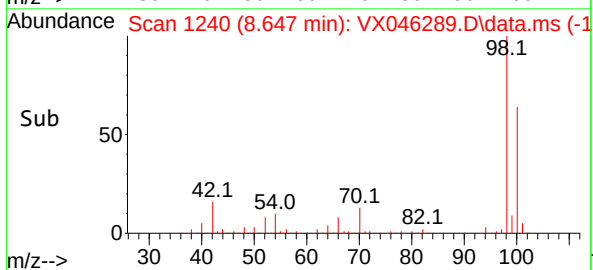
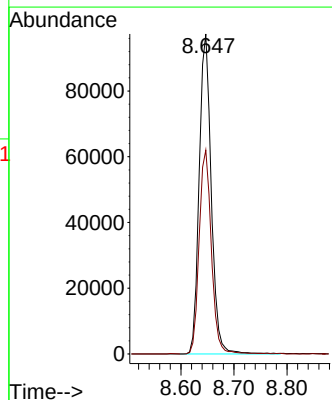
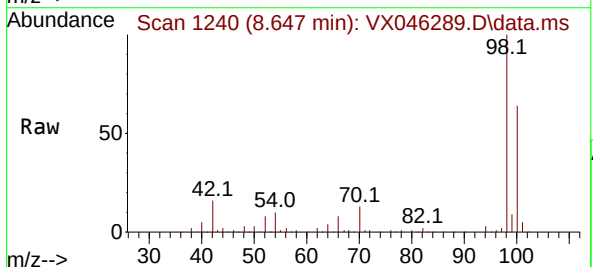
Instrument :
MSVOA_X
ClientSampleId :
VACTRUCK-728068

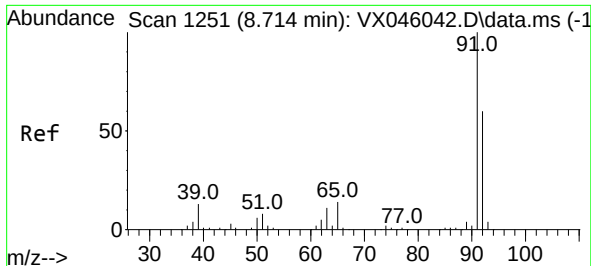
Tgt Ion:113 Resp: 44301
Ion Ratio Lower Upper
113 100
111 104.5 83.1 124.7
192 17.0 13.3 19.9



#50
Toluene-d8
Concen: 51.387 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

Tgt Ion: 98 Resp: 153275
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3

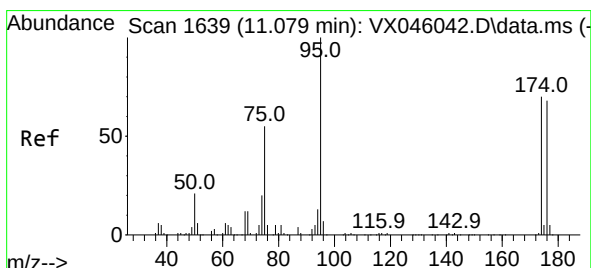
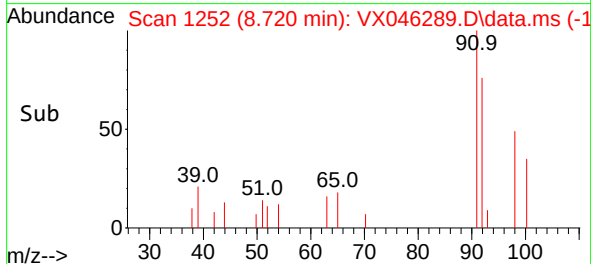
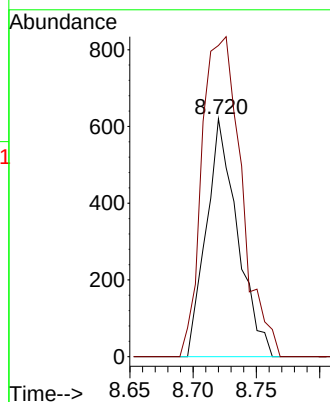
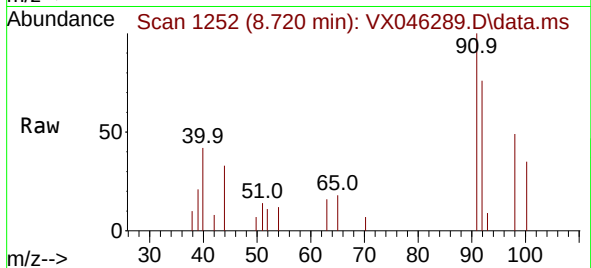




#52
Toluene
Concen: 0.510 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

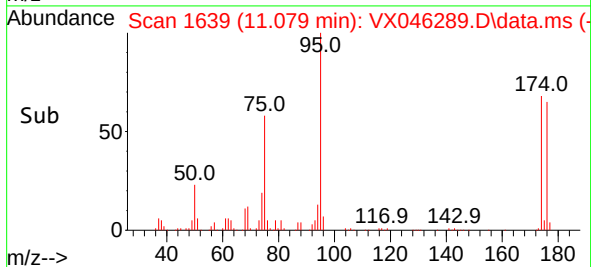
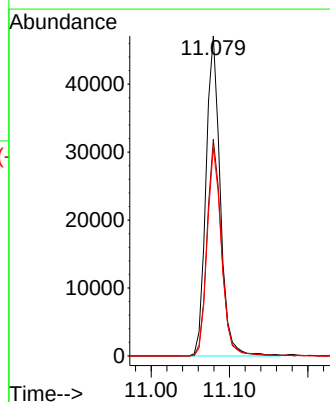
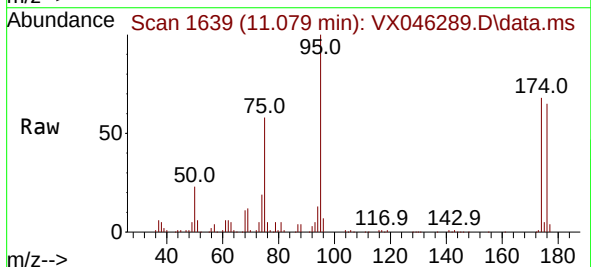
Instrument :
MSVOA_X
ClientSampleId :
VACTRUCK-728068

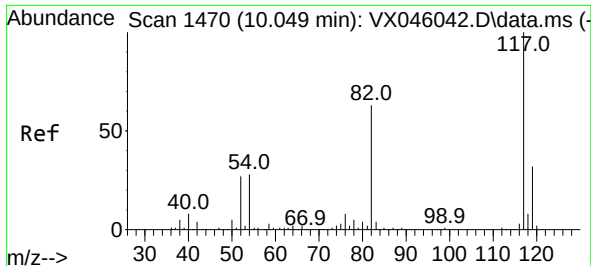
Tgt Ion: 92 Resp: 1061
Ion Ratio Lower Upper
92 100
91 171.0 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 51.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

Tgt Ion: 95 Resp: 59312
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 65.4 0.0 131.4

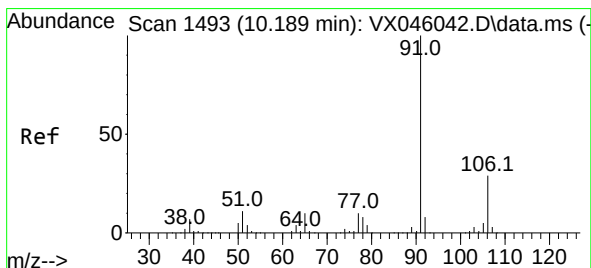
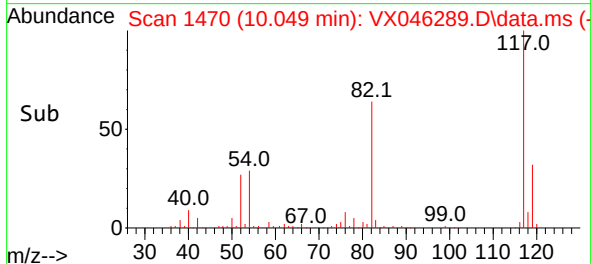
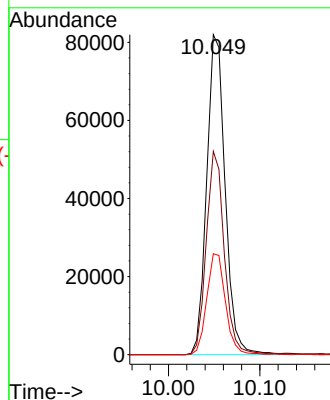
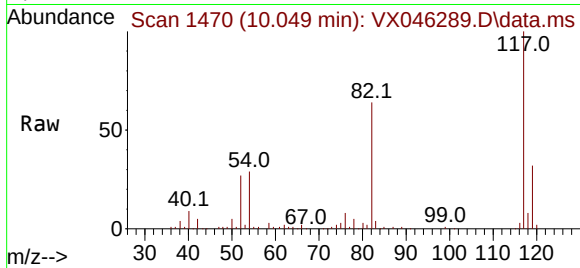




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

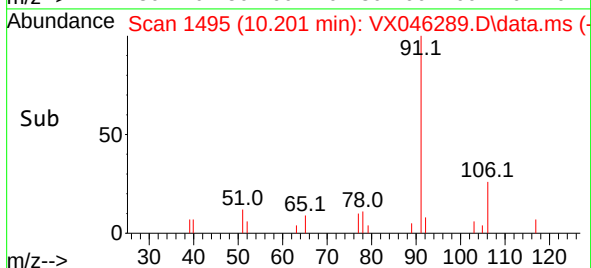
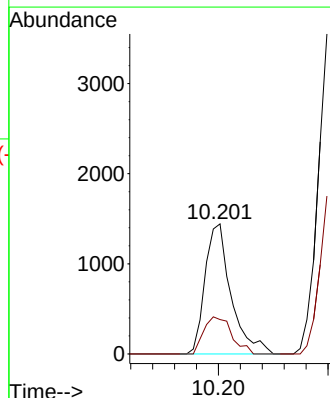
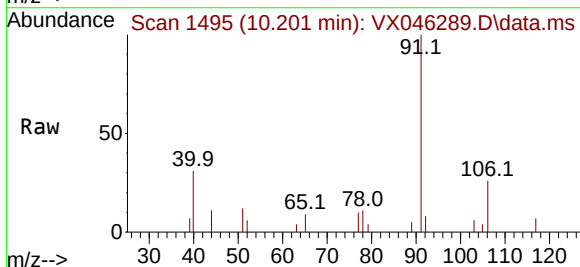
Instrument :
MSVOA_X
ClientSampleId :
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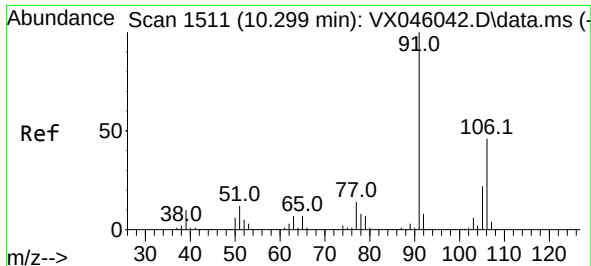
Tgt Ion:117 Resp: 114601
Ion Ratio Lower Upper
117 100
82 63.5 50.6 76.0
119 31.5 25.8 38.6



#67
Ethyl Benzene
Concen: 0.537 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

Tgt Ion: 91 Resp: 2375
Ion Ratio Lower Upper
91 100
106 26.5 23.4 35.2

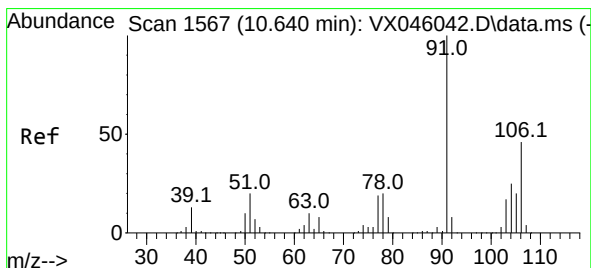
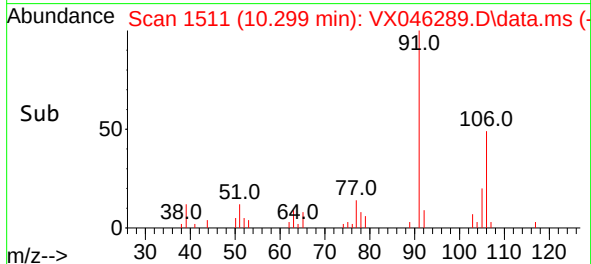
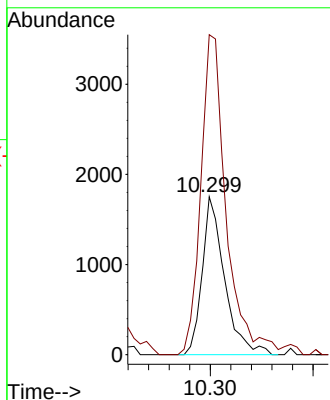
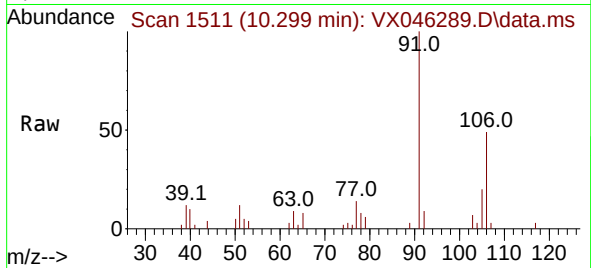




#68
m/p-Xylenes
Concen: 1.635 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

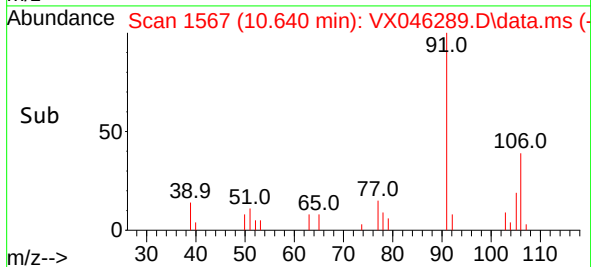
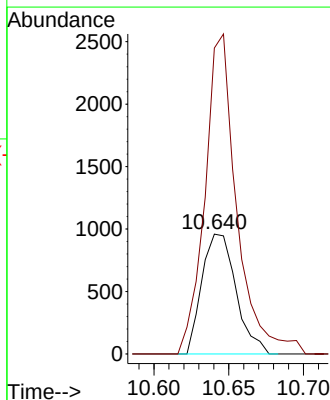
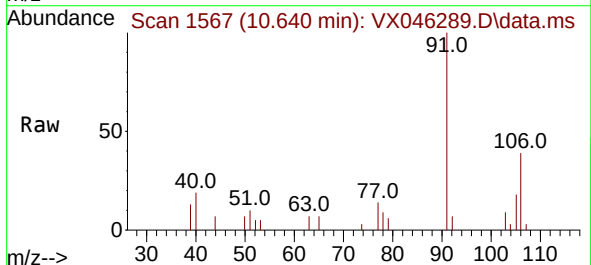
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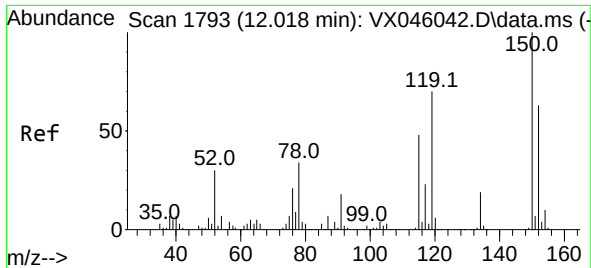
Tgt Ion:106 Resp: 2644
Ion Ratio Lower Upper
106 100
91 229.3 171.2 256.8



#69
o-Xylene
Concen: 0.965 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

Tgt Ion:106 Resp: 1521
Ion Ratio Lower Upper
106 100
91 249.9 112.7 338.1

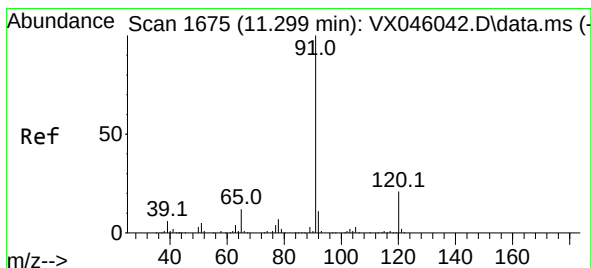
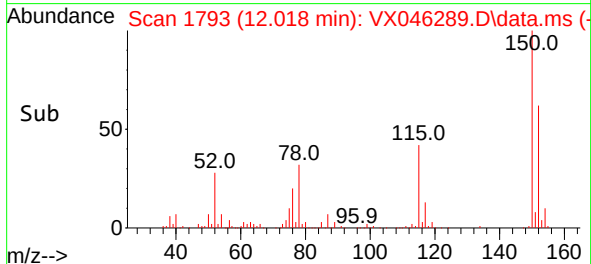
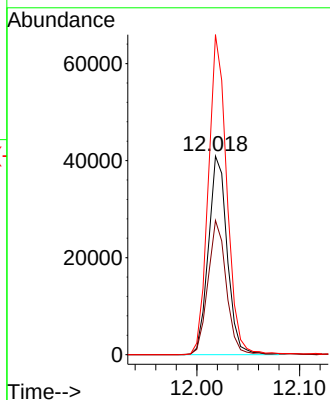
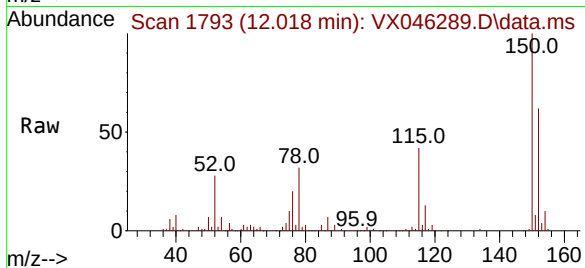




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046289.D
 Acq: 21 May 2025 11:59

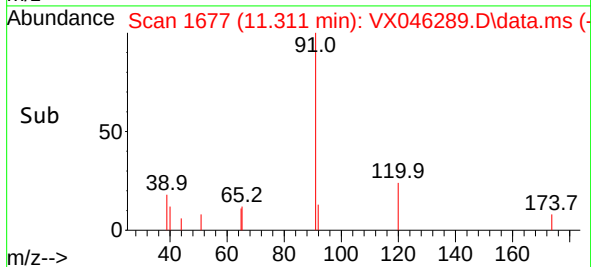
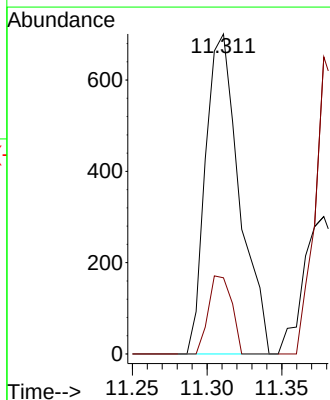
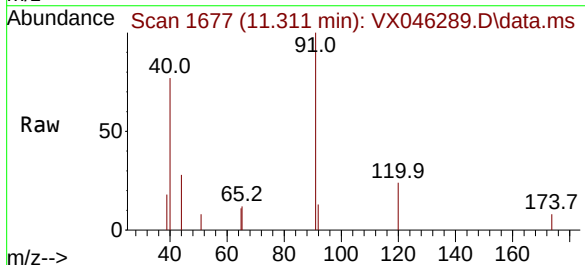
Instrument :
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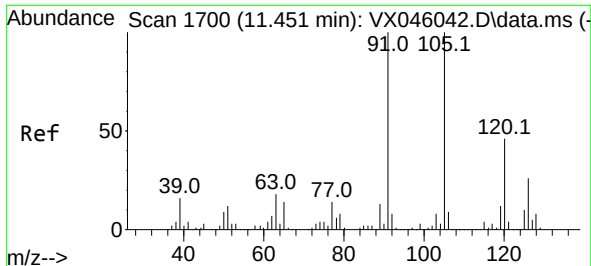
Tgt Ion:152 Resp: 52054
 Ion Ratio Lower Upper
 152 100
 115 66.1 46.9 140.7
 150 159.0 0.0 351.0



#78
 n-propylbenzene
 Concen: 0.235 ug/l
 RT: 11.311 min Scan# 1677
 Delta R.T. 0.012 min
 Lab File: VX046289.D
 Acq: 21 May 2025 11:59

Tgt Ion: 91 Resp: 1105
 Ion Ratio Lower Upper
 91 100
 120 16.7 10.8 32.4

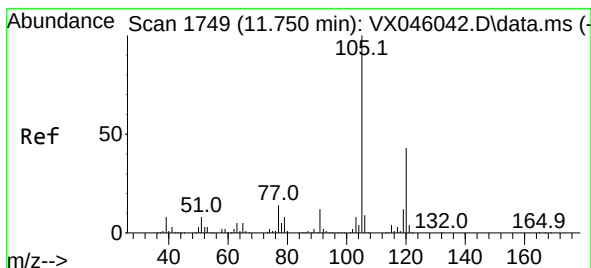
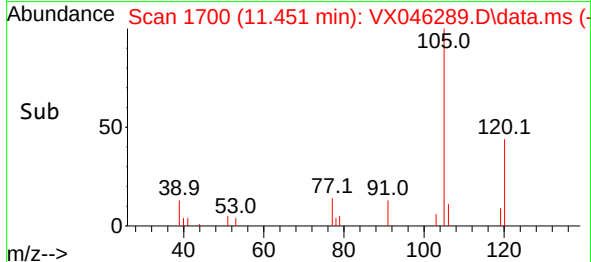
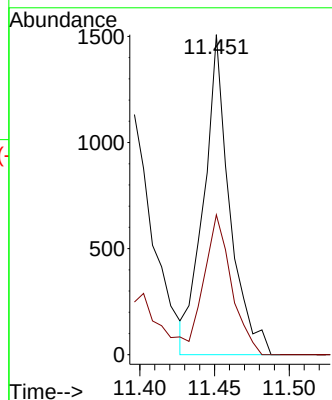
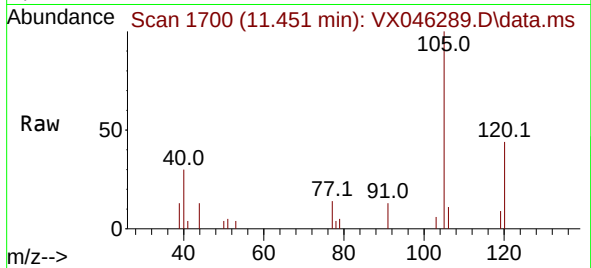




#80
1,3,5-Trimethylbenzene
Concen: 0.535 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

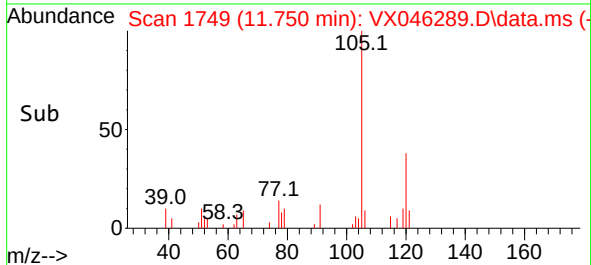
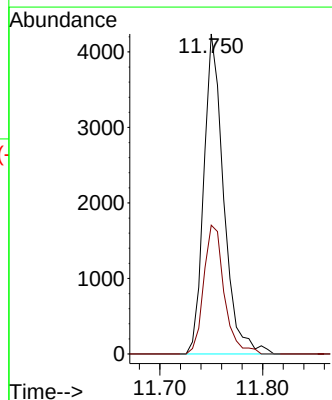
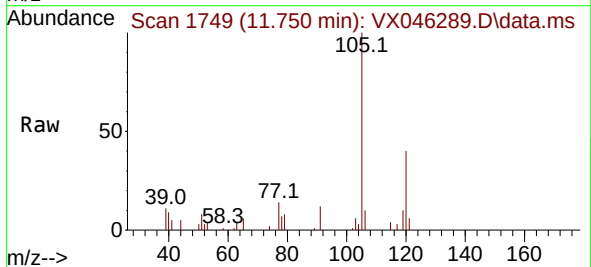
Instrument :
MSVOA_X
ClientSampleId :
VACTRUCK-728068

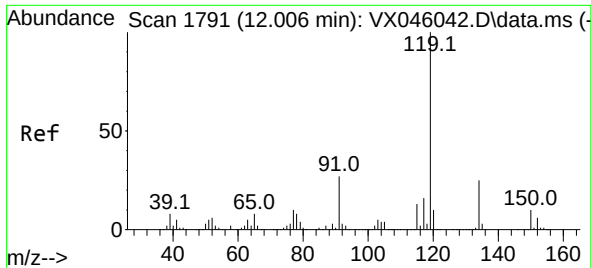
Tgt Ion:105 Resp: 1812
Ion Ratio Lower Upper
105 100
120 45.6 23.1 69.2



#84
1,2,4-Trimethylbenzene
Concen: 1.665 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046289.D
Acq: 21 May 2025 11:59

Tgt Ion:105 Resp: 5710
Ion Ratio Lower Upper
105 100
120 41.4 21.2 63.6





#86
 p-Isopropyltoluene
 Concen: 1.305 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046289.D
 Acq: 21 May 2025 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VACTRUCK-728068

Tgt Ion:	119	Resp:	4512
Ion	Ratio	Lower	Upper
119	100		
134	24.0	12.5	37.5
91	29.2	13.8	41.4

