Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
Data File : VX048373.D
Acq On : 27 Oct 2025 15:44
Operator : JC/MD
Sample : Q3446-06DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Quant Time: Oct 28 01:55:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	108588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	217978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81640	53.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.240%			
35) Dibromofluoromethane	5.373	113	59819	40.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 80.400%			
50) Toluene-d8	8.634	98	243679	46.717	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.440%			
62) 4-Bromofluorobenzene	11.061	95	105720	53.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.560%			
Target Compounds						Qvalue
40) Benzene	6.025	78	375466	61.142	ug/l	99
52) Toluene	8.702	92	149719	38.378	ug/l	99
67) Ethyl Benzene	10.177	91	17881	2.119	ug/l	94
68) m/p-Xylenes	10.287	106	39796	12.693	ug/l	99
69) o-Xylene	10.628	106	35830	11.837	ug/l	98
70) Styrene	10.640	104	7739	1.502	ug/l #	22
80) 1,3,5-Trimethylbenzene	11.433	105	9686	1.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	29573	4.387	ug/l	96
95) Naphthalene	13.755	128	189416	29.182	ug/l	100

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

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Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Quant Time: Oct 28 01:55:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
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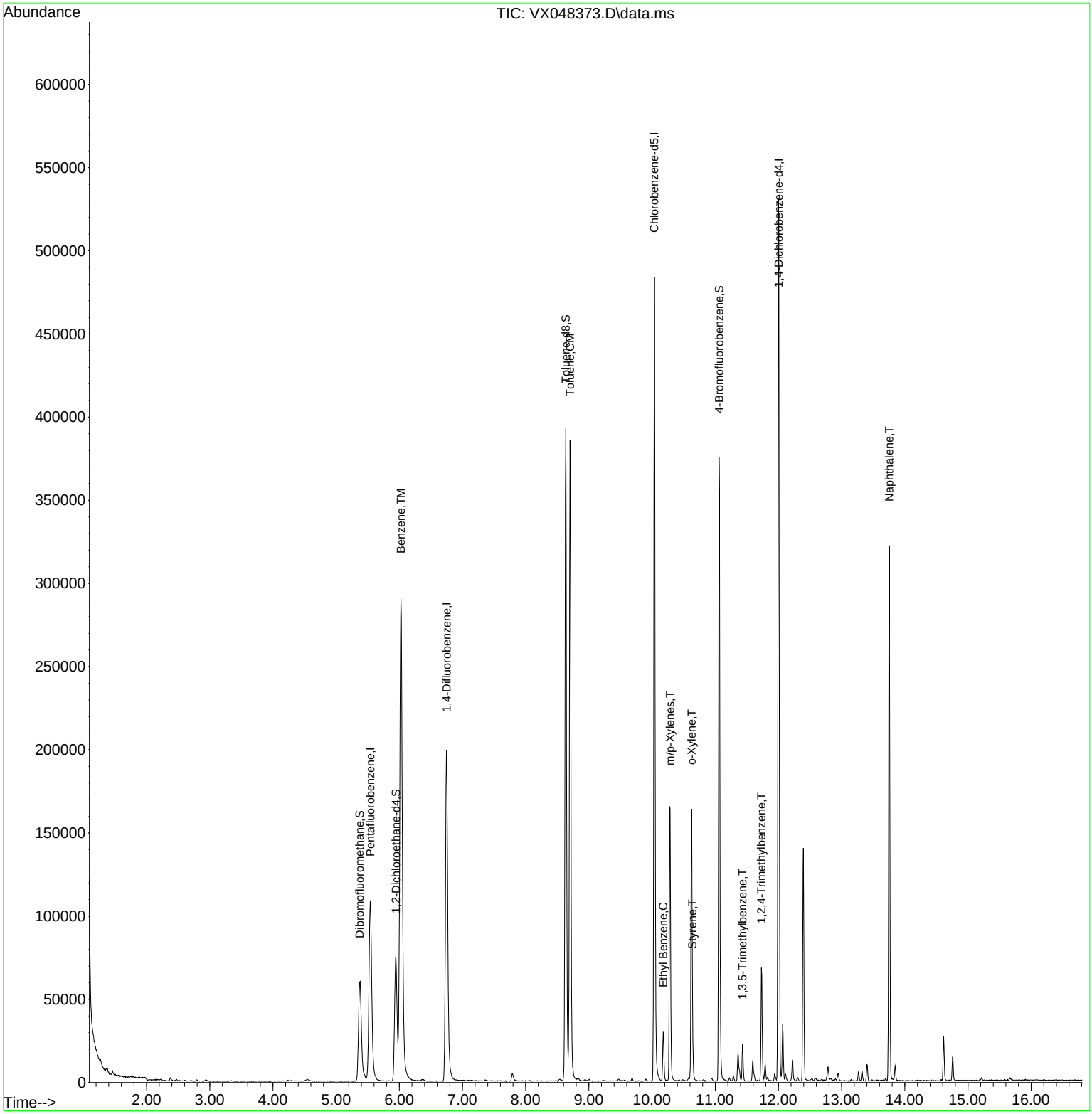
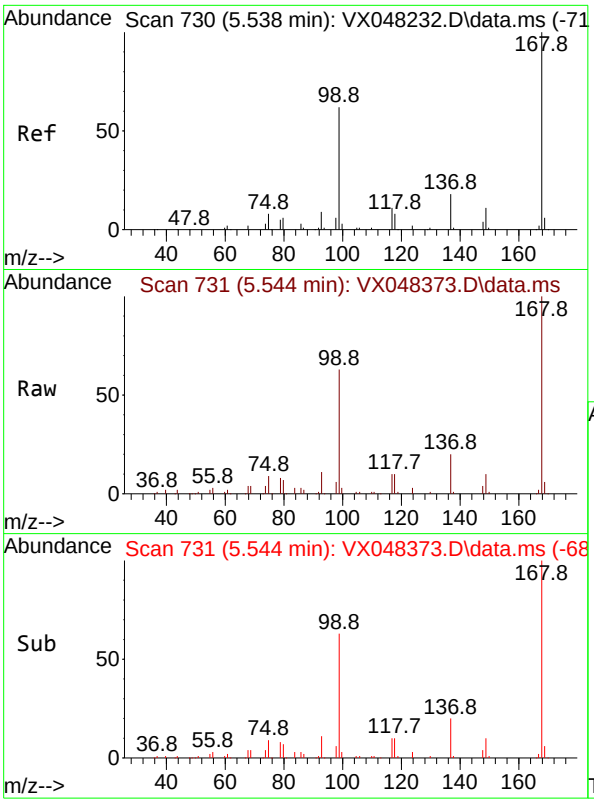
Response via : Initial Calibration



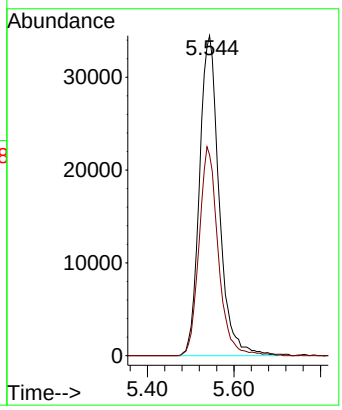


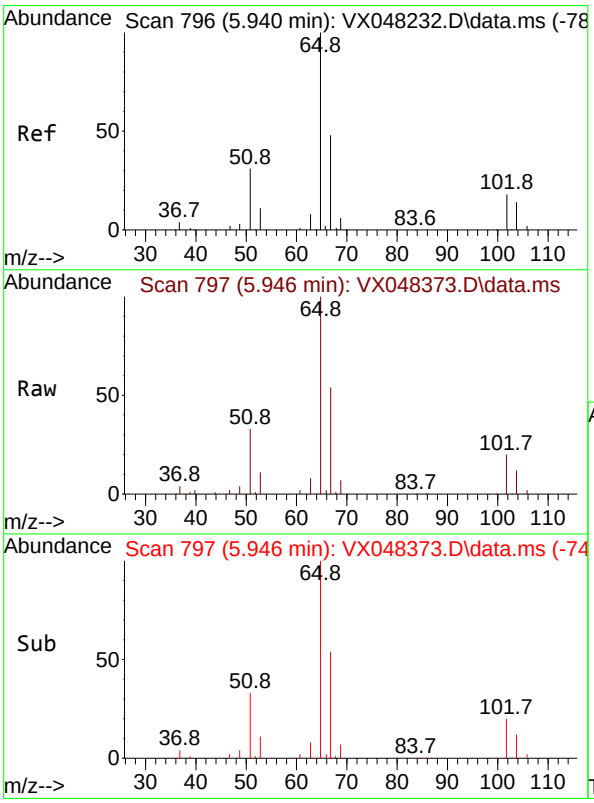
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion:168 Resp: 108588

Ion	Ratio	Lower	Upper
168	100		
99	62.8	46.4	69.6

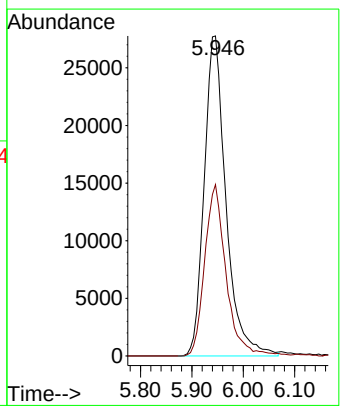


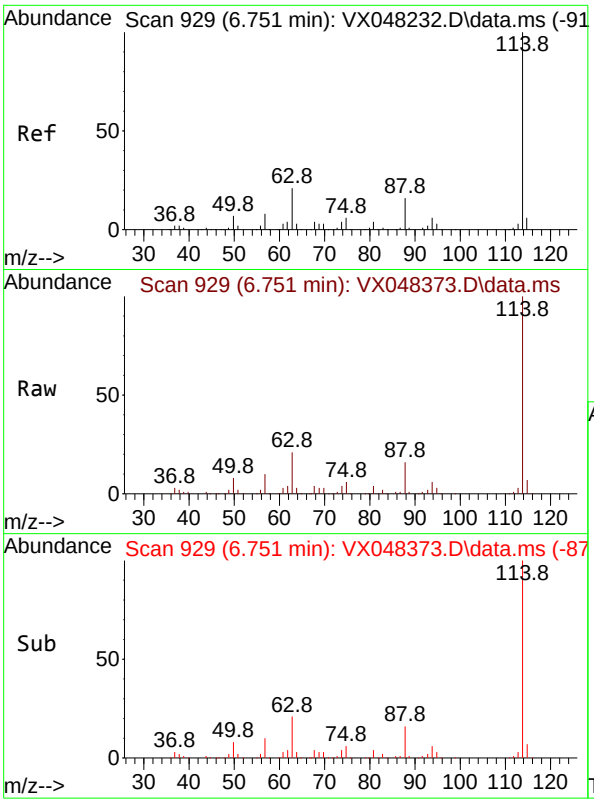


#33
1,2-Dichloroethane-d4
Concen: 53.623 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion: 65 Resp: 81640

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



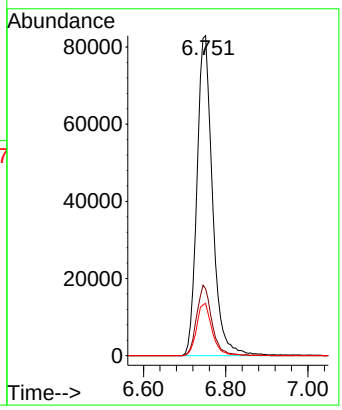


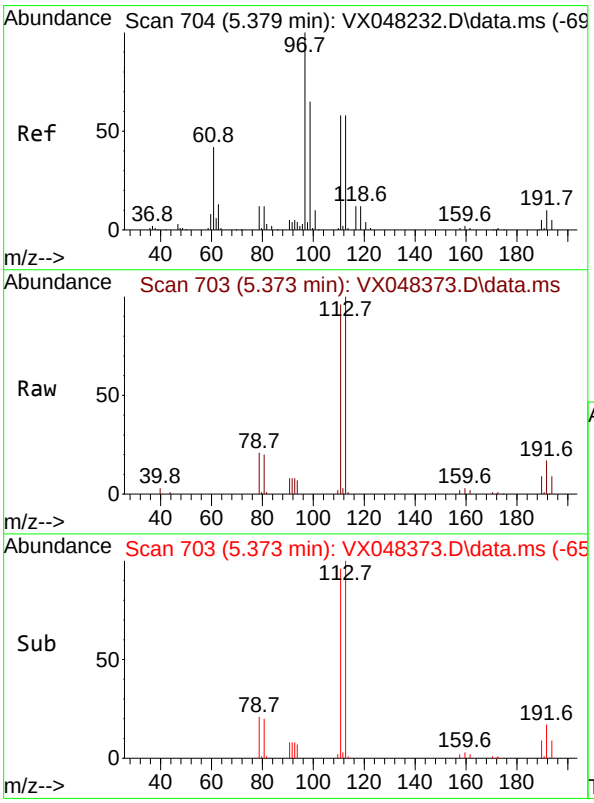
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion:114 Resp: 217978

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	16.4	0.0	33.6

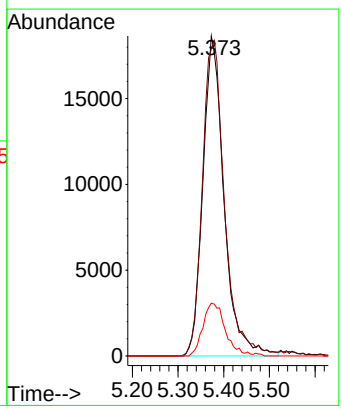


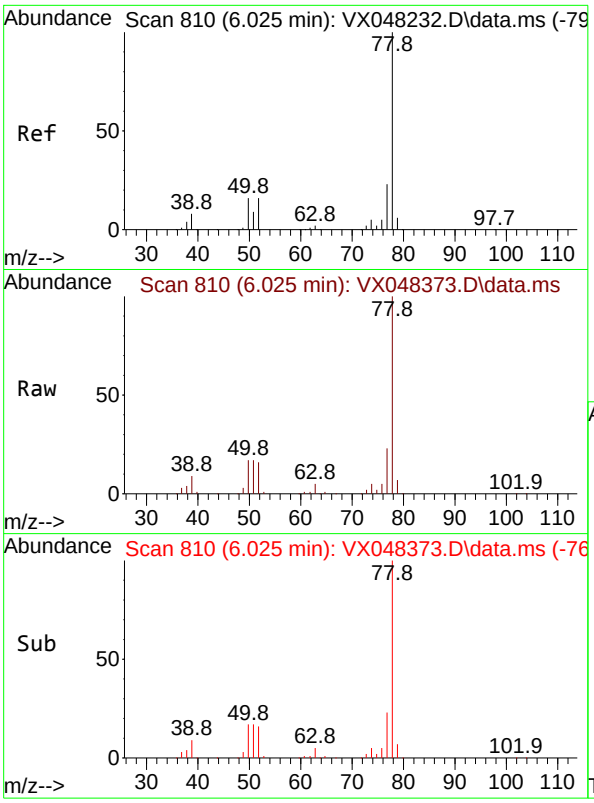


#35
Dibromofluoromethane
Concen: 40.198 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion:113 Resp: 59819

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	17.5	15.1	22.7



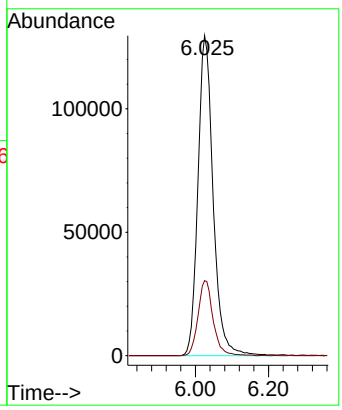


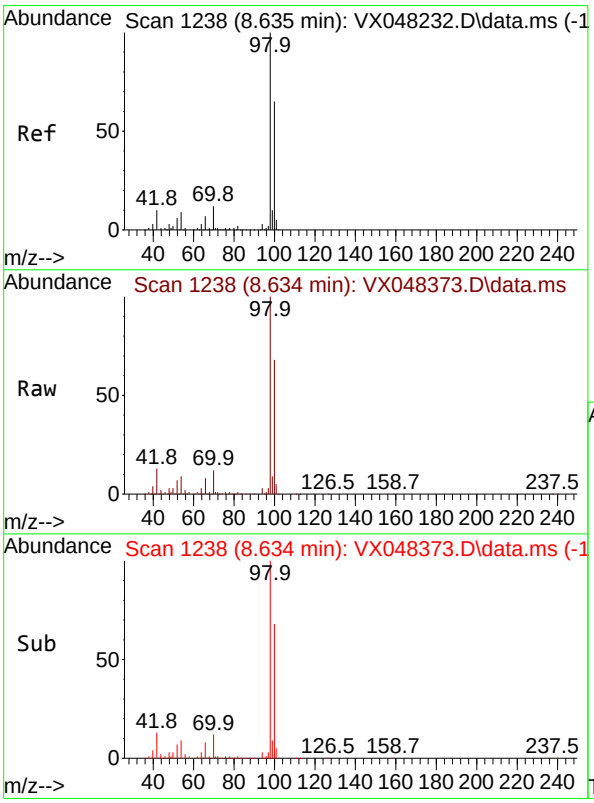
#40
Benzene
Concen: 61.142 ug/l
RT: 6.025 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion: 78 Resp: 375466

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

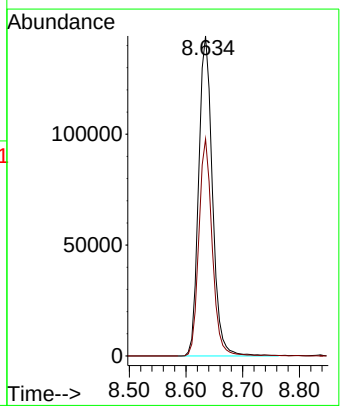


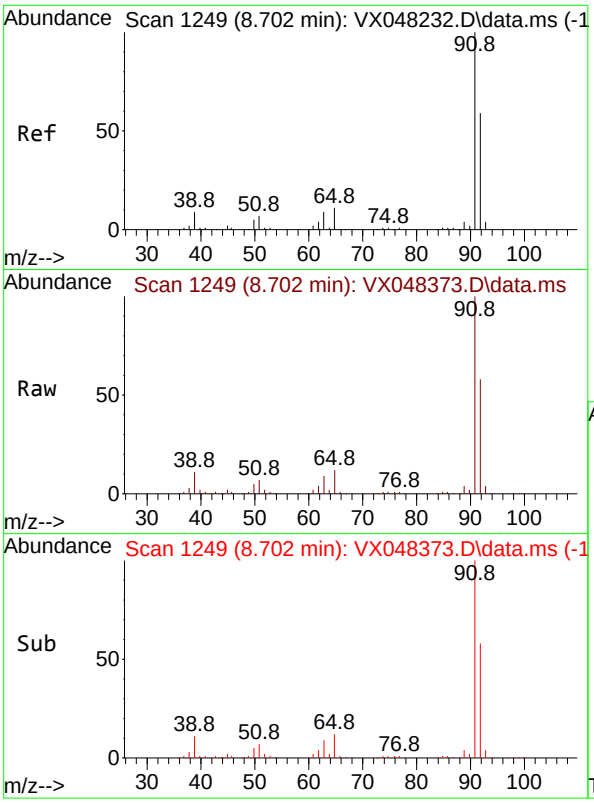


#50
Toluene-d8
Concen: 46.717 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion: 98 Resp: 243679

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4



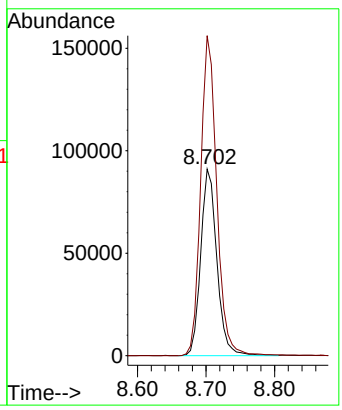


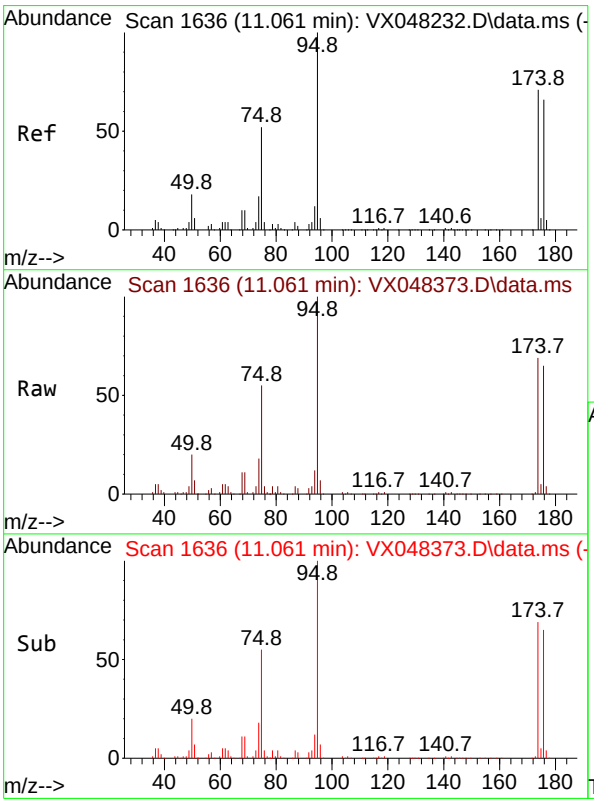
#52
Toluene
Concen: 38.378 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion: 92 Resp: 149719

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.1	204.1

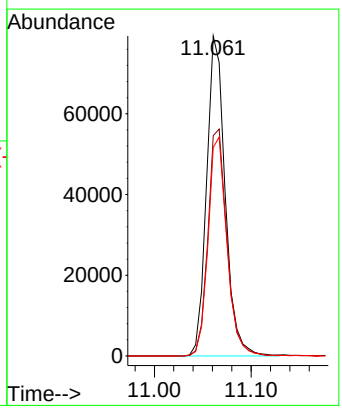


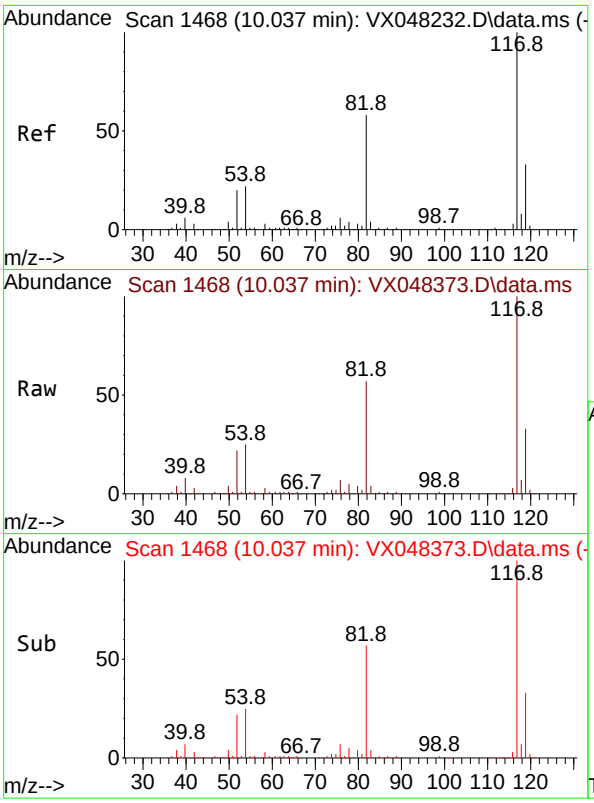


#62
4-Bromofluorobenzene
Concen: 53.278 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion: 95 Resp: 105720

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	147.8
176	69.6	0.0	142.8



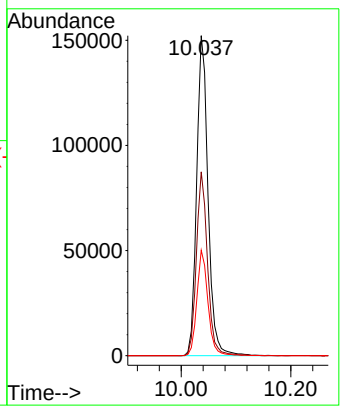


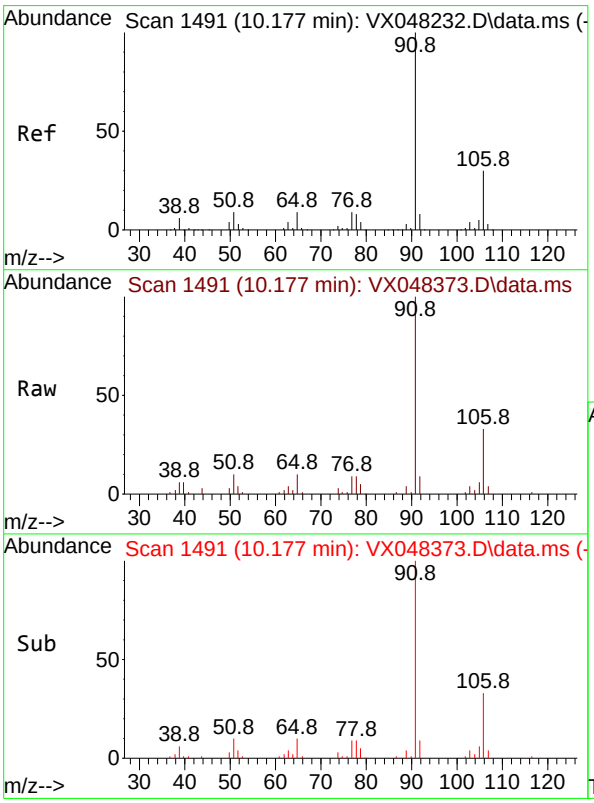
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion:117 Resp: 220322

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.5	69.7
119	33.0	25.9	38.9

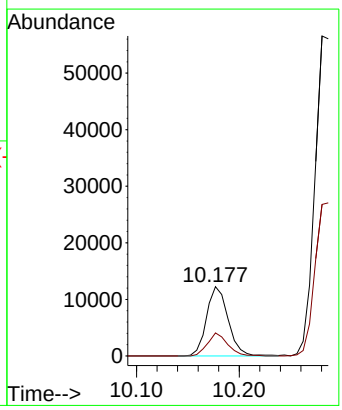


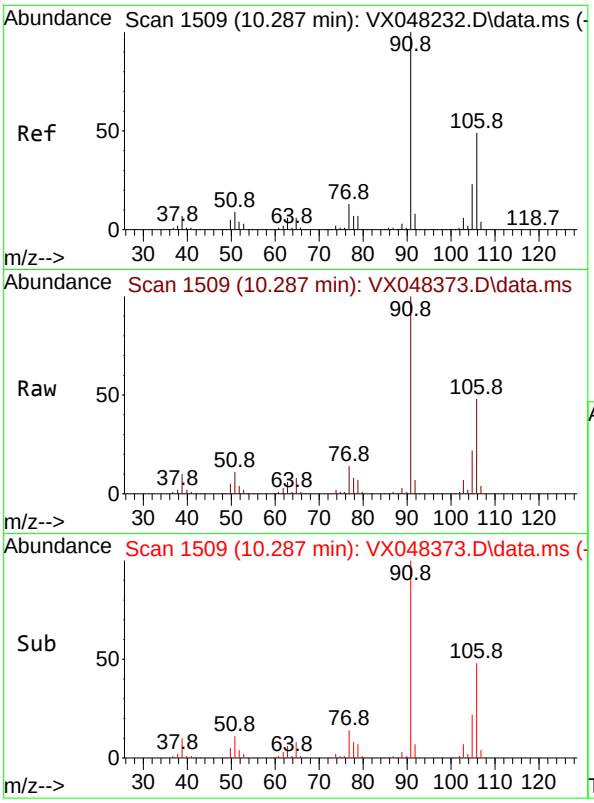


#67
Ethyl Benzene
Concen: 2.119 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion: 91 Resp: 17881

Ion	Ratio	Lower	Upper
91	100		
106	33.2	23.8	35.6



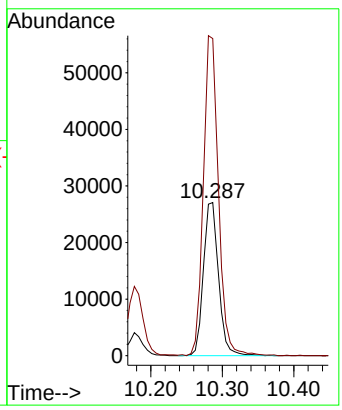


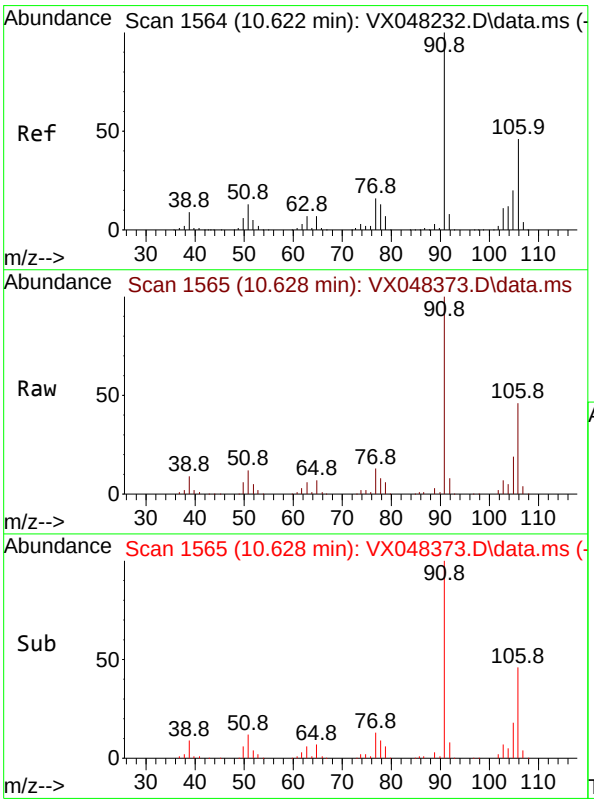
#68
m/p-Xylenes
Concen: 12.693 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion:106 Resp: 39796

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.9	251.9

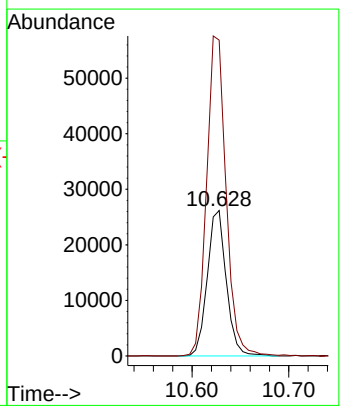


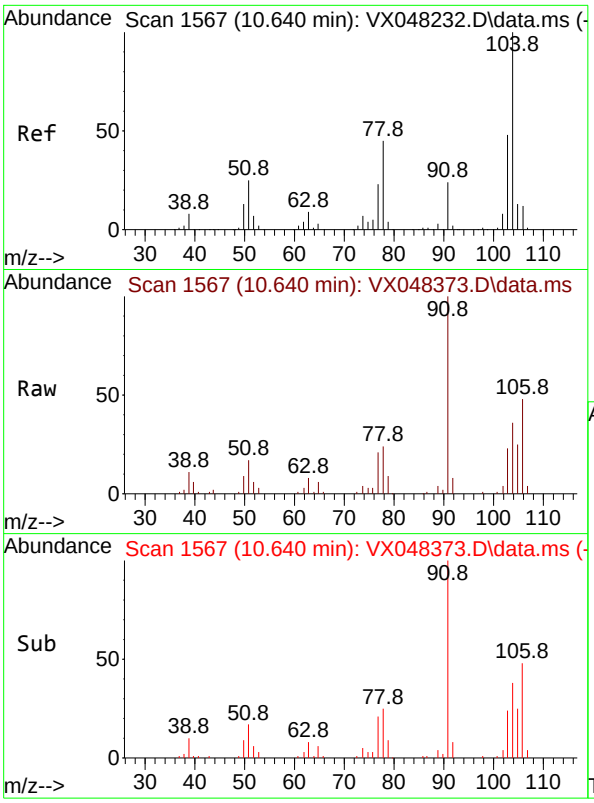


#69
o-Xylene
Concen: 11.837 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion:106 Resp: 35830

Ion	Ratio	Lower	Upper
106	100		
91	225.4	111.3	333.9



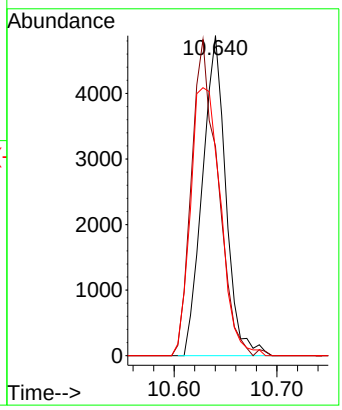


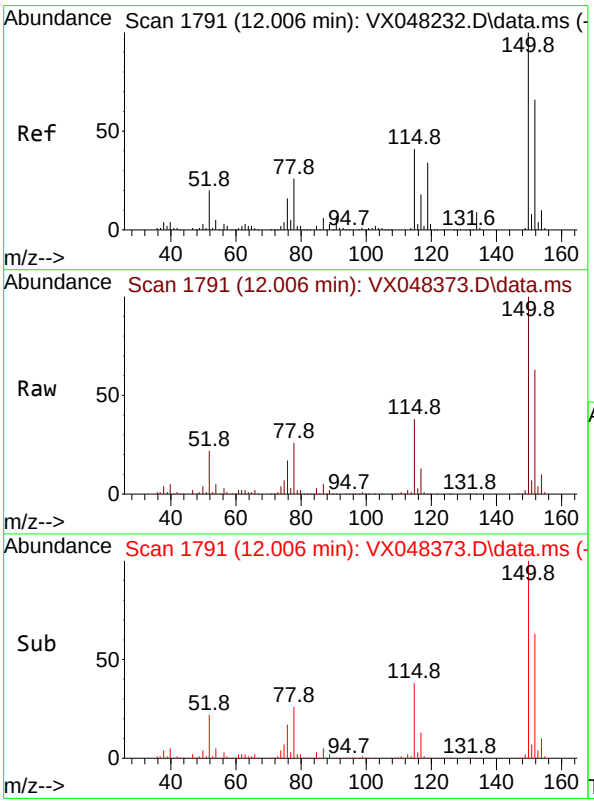
#70
Styrene
Concen: 1.502 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion:104 Resp: 7739

Ion	Ratio	Lower	Upper
104	100		
78	110.5	42.2	63.4#
103	107.6	43.0	64.4#

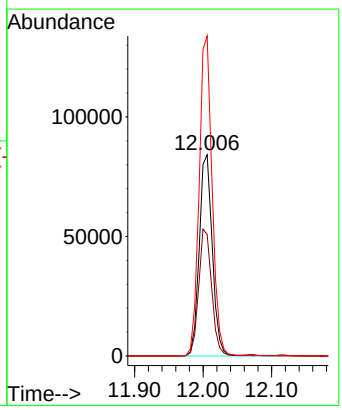


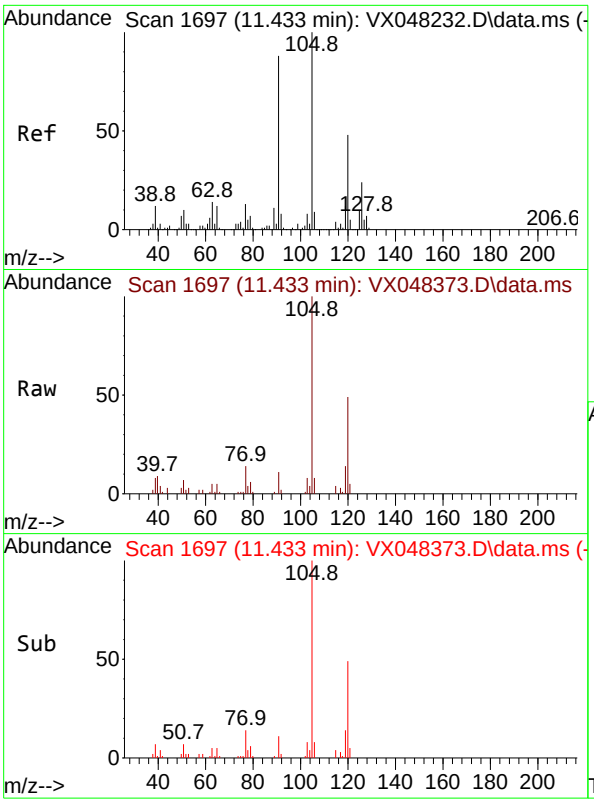


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion:152 Resp: 111760

Ion	Ratio	Lower	Upper
152	100		
115	62.6	43.1	129.4
150	158.0	0.0	353.0



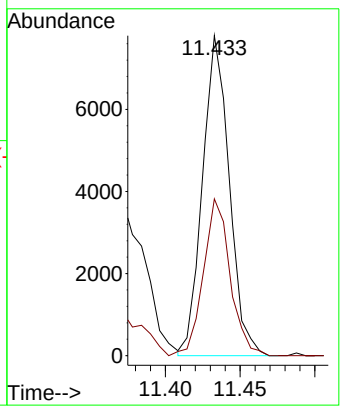


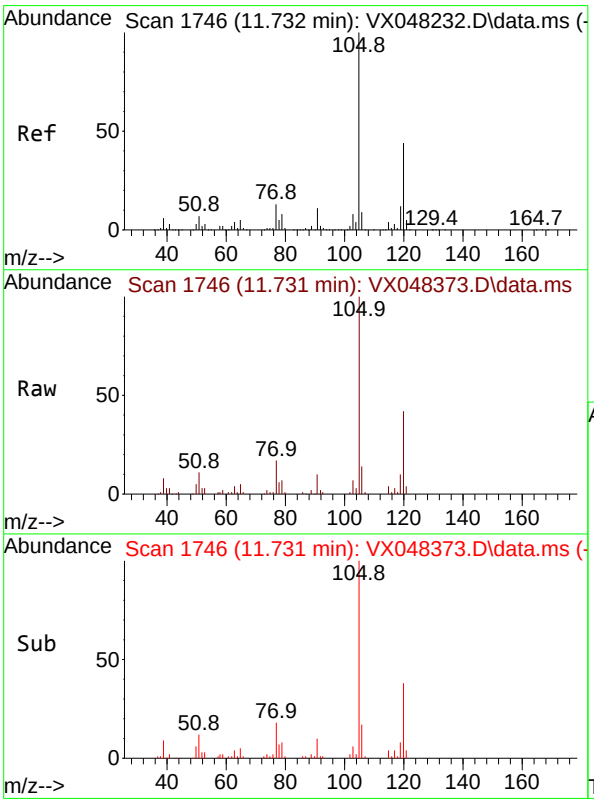
#80
1,3,5-Trimethylbenzene
Concen: 1.434 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion:105 Resp: 9686

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.0	72.0

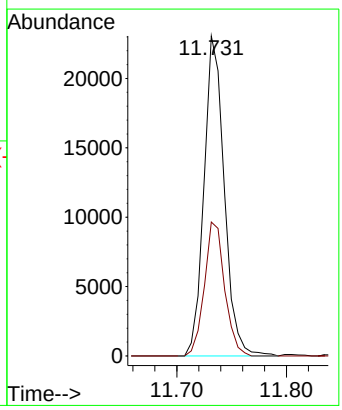


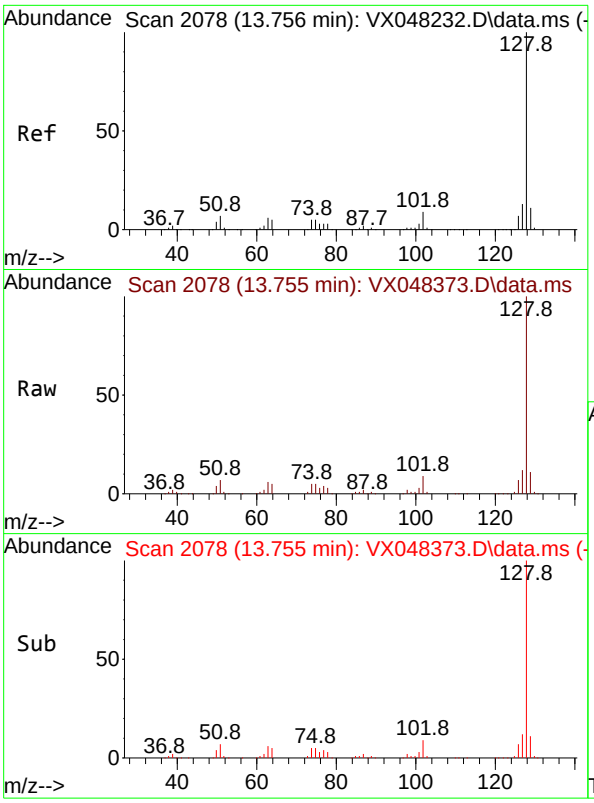


#84
1,2,4-Trimethylbenzene
Concen: 4.387 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Tgt Ion:105 Resp: 29573

Ion	Ratio	Lower	Upper
105	100		
120	41.8	22.1	66.5





#95
Naphthalene
Concen: 29.182 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048373.D
Acq: 27 Oct 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
SB-19DL

Tgt Ion:128 Resp: 189416

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.6	12.8