Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
Data File : VY023488.D
Acq On : 16 Oct 2025 13:51
Operator : SY/MD
Sample : Q3363-03
Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Quant Time: Oct 17 01:56:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	618759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1206292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1183423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	475817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	320933	62.026	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.060%			
35) Dibromofluoromethane	7.640	113	398228	53.727	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.460%			
50) Toluene-d8	10.109	98	1506924	54.592	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.180%			
62) 4-Bromofluorobenzene	12.408	95	546271	59.943	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.880%			
Target Compounds						Qvalue
16) Acetone	3.872	43	52254	42.421	ug/l	95
17) Carbon Disulfide	4.116	76	40643	2.573	ug/l	99
20) Methylene Chloride	4.628	84	18484	2.775	ug/l	92
25) 2-Butanone	6.902	43	22012	14.637	ug/l	90
39) Methylcyclohexane	9.109	83	401744	31.444	ug/l	90
40) Benzene	8.085	78	53508	1.722	ug/l	97
68) m/p-Xylenes	11.627	106	34630	2.072	ug/l #	69
69) o-Xylene	11.956	106	74372	4.745	ug/l	90
80) 1,3,5-Trimethylbenzene	12.737	105	123045	4.856	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	141492	5.595	ug/l	98

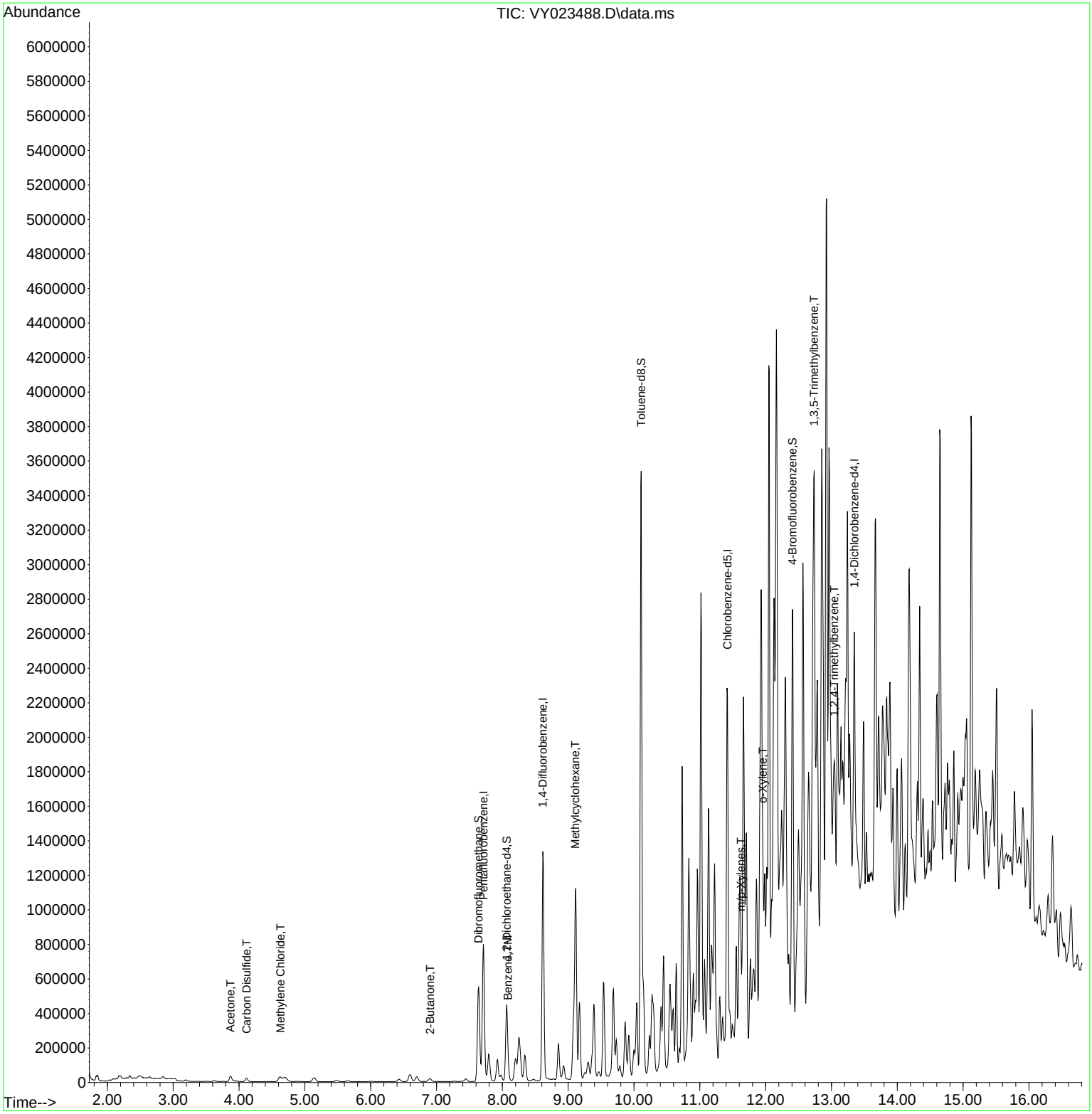
(#) = qualifier out of range (m) = manual integration (+) = signals summed

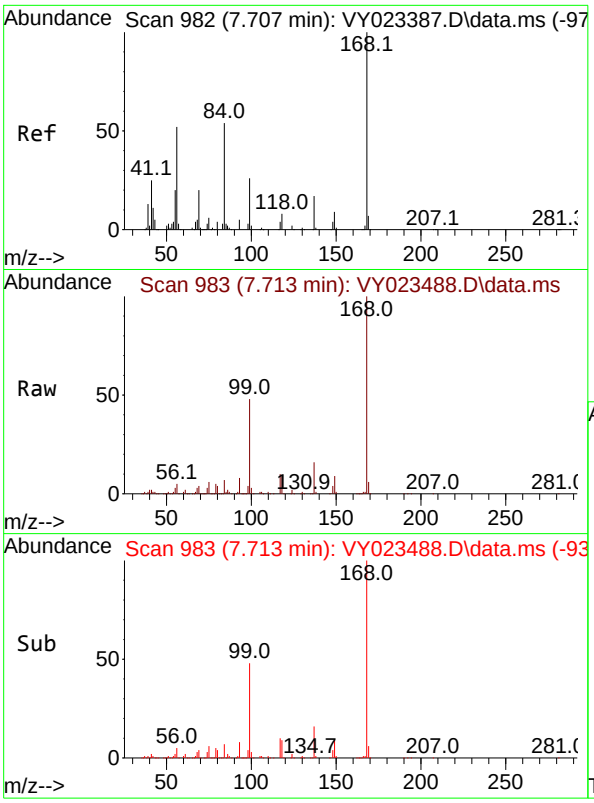
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
Data File : VY023488.D
Acq On : 16 Oct 2025 13:51
Operator : SY/MD
Sample : Q3363-03
Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Quant Time: Oct 17 01:56:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



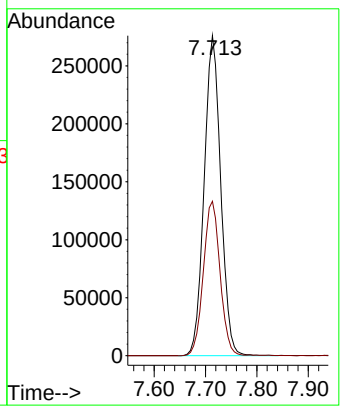


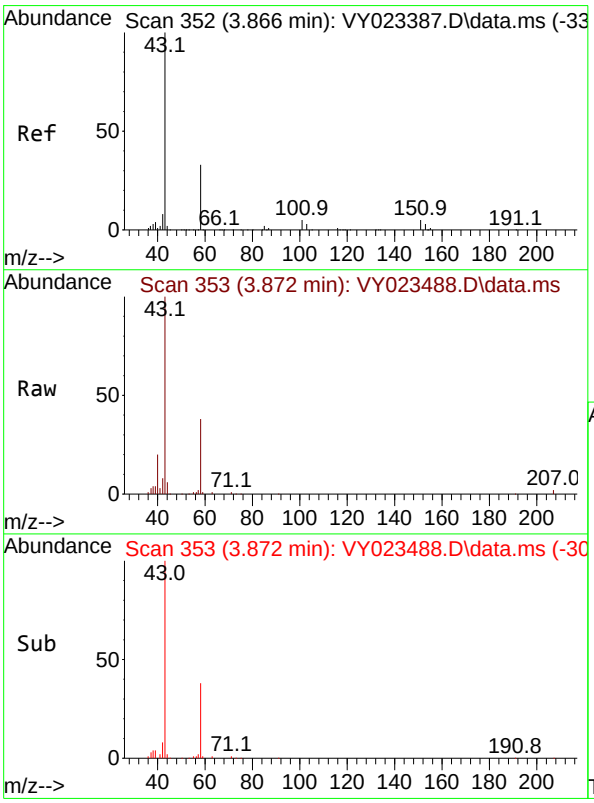
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion:168 Resp: 618759

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.7	59.5

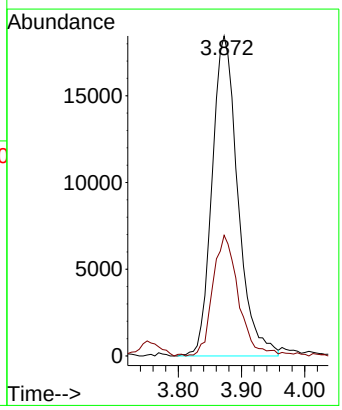


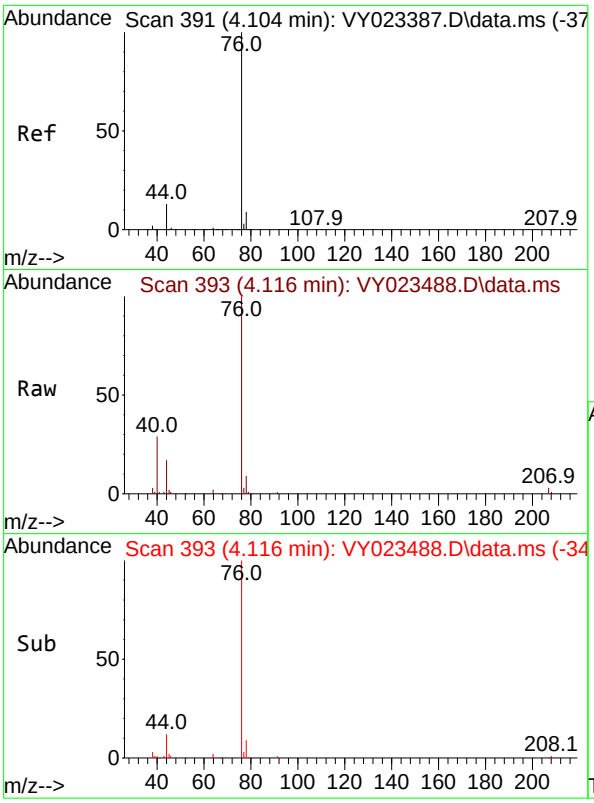


#16
Acetone
Concen: 42.421 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion: 43 Resp: 52254

Ion	Ratio	Lower	Upper
43	100		
58	37.2	27.7	41.5



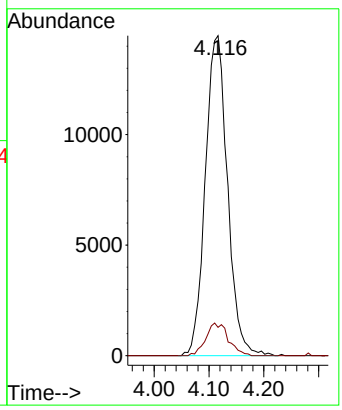


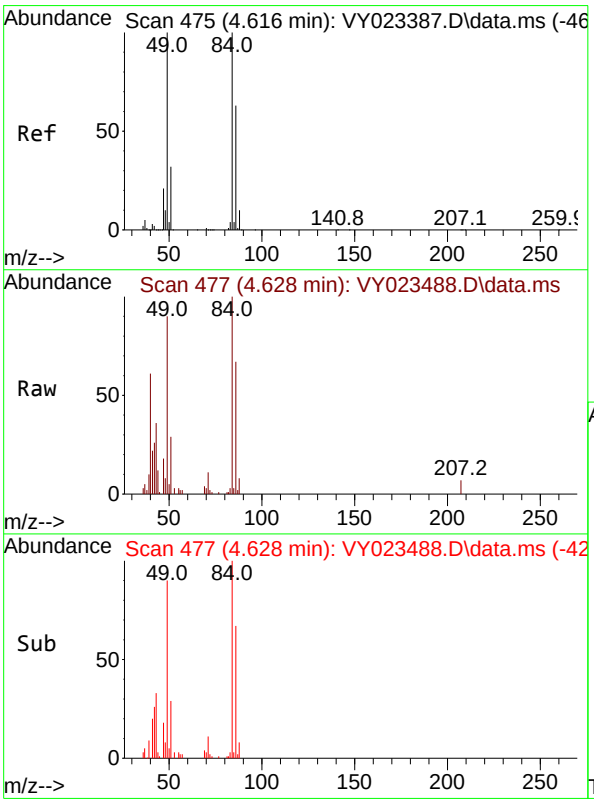
#17
Carbon Disulfide
Concen: 2.573 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion: 76 Resp: 40643

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

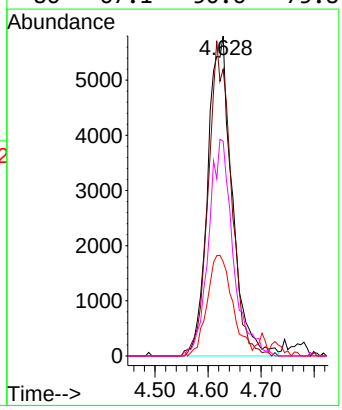


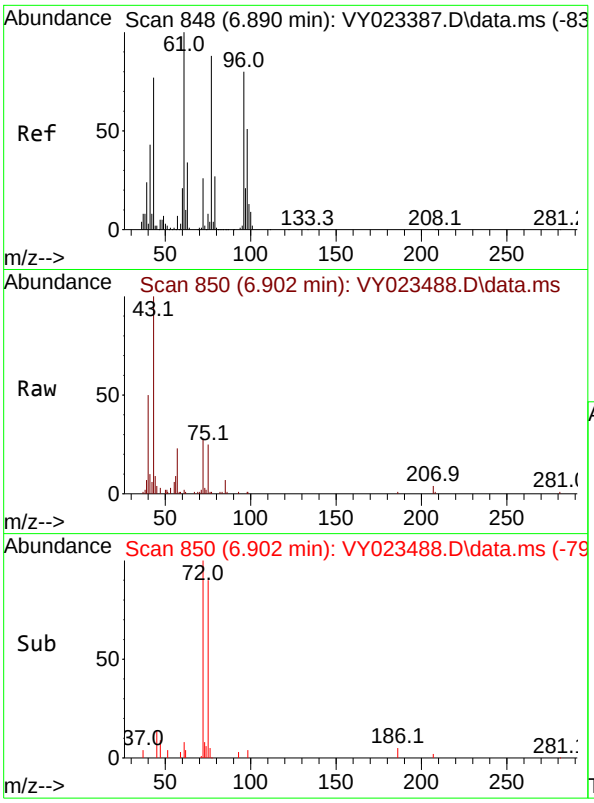


#20
Methylene Chloride
Concen: 2.775 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion: 84 Resp: 18484

Ion	Ratio	Lower	Upper
84	100		
49	89.6	80.2	120.4
51	29.4	25.9	38.9
86	67.1	50.6	75.8



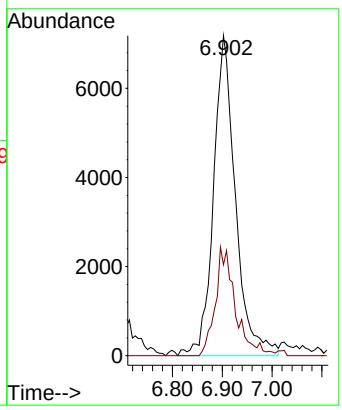


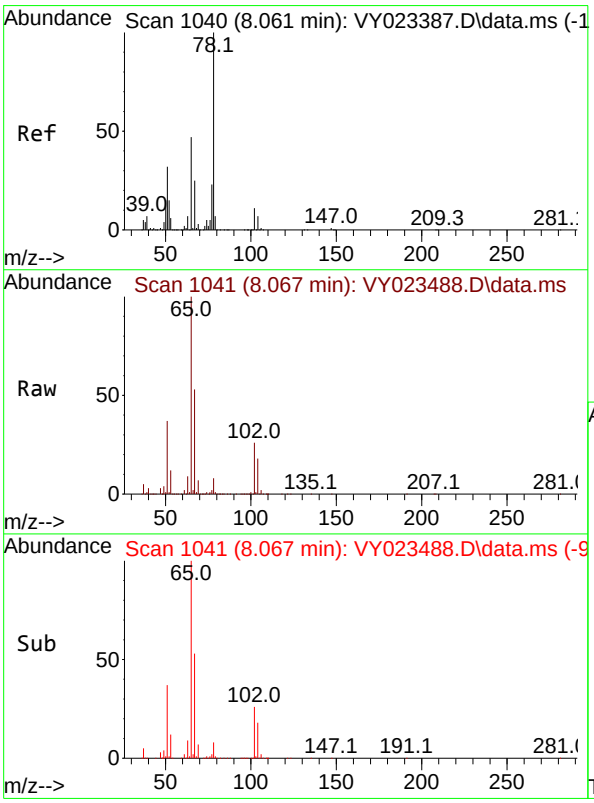
#25
2-Butanone
Concen: 14.637 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion: 43 Resp: 22012

Ion	Ratio	Lower	Upper
43	100		
72	28.4	27.4	41.2

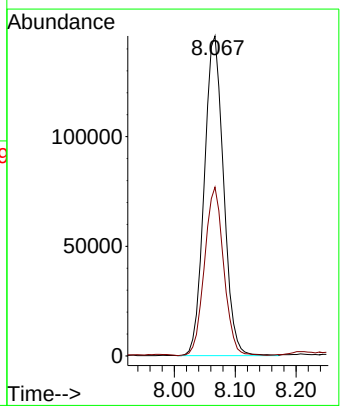


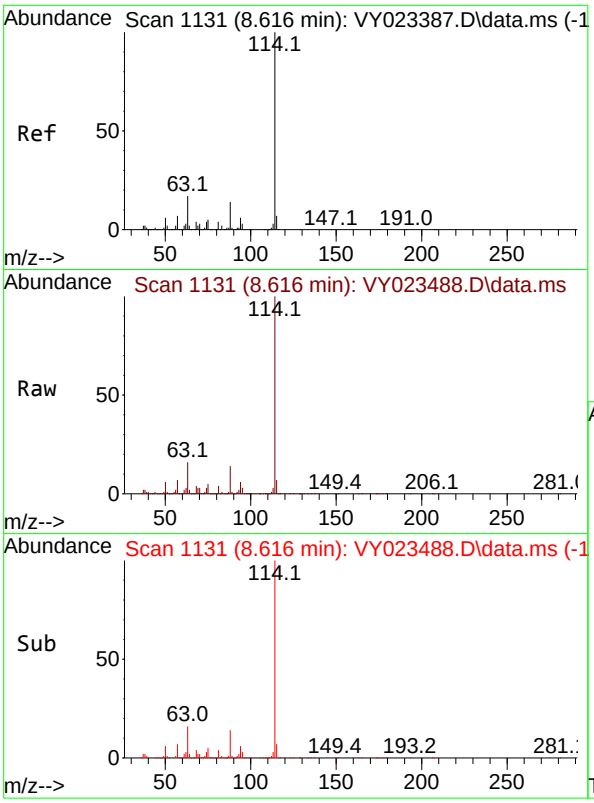


#33
1,2-Dichloroethane-d4
Concen: 62.026 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion: 65 Resp: 320933

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.8



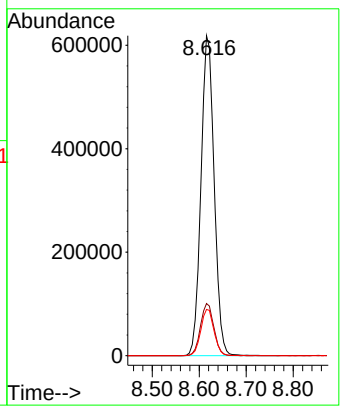


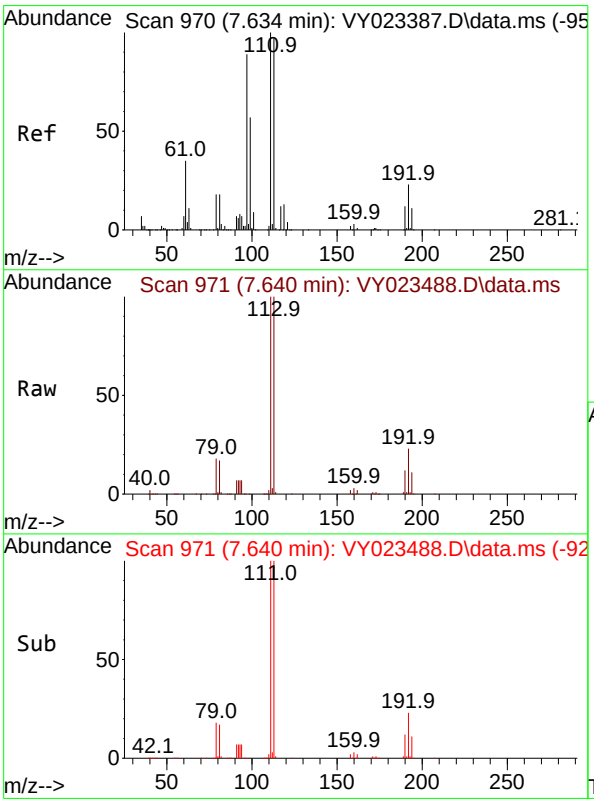
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion:114 Resp: 1206292

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	34.2
88	14.5	0.0	28.4

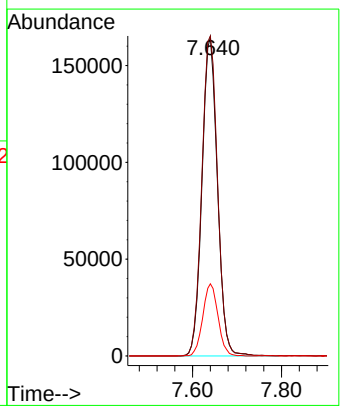


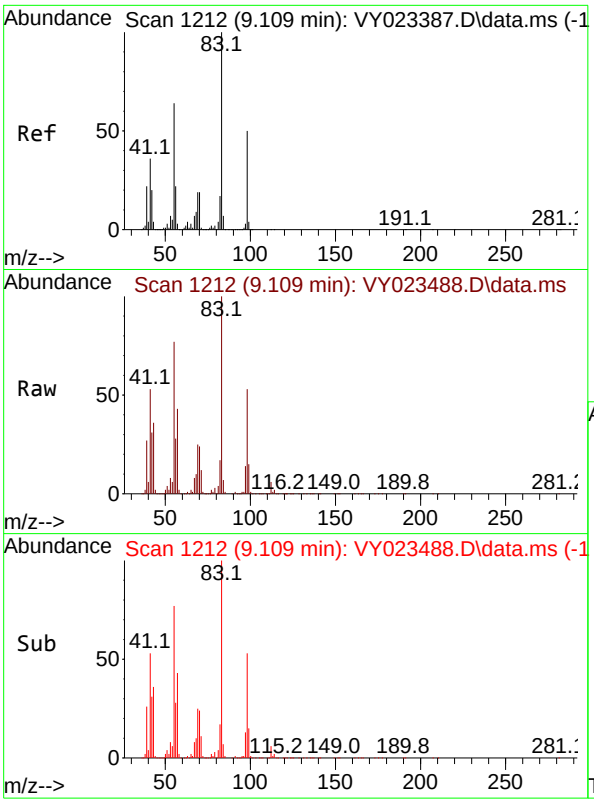


#35
Dibromofluoromethane
Concen: 53.727 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion:113 Resp: 398228

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	22.4	18.0	27.0



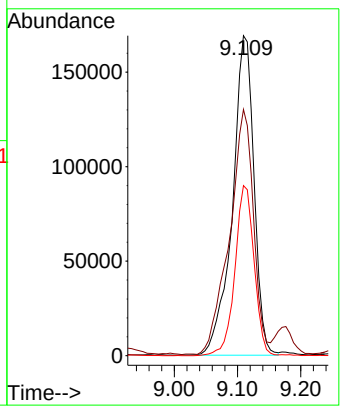


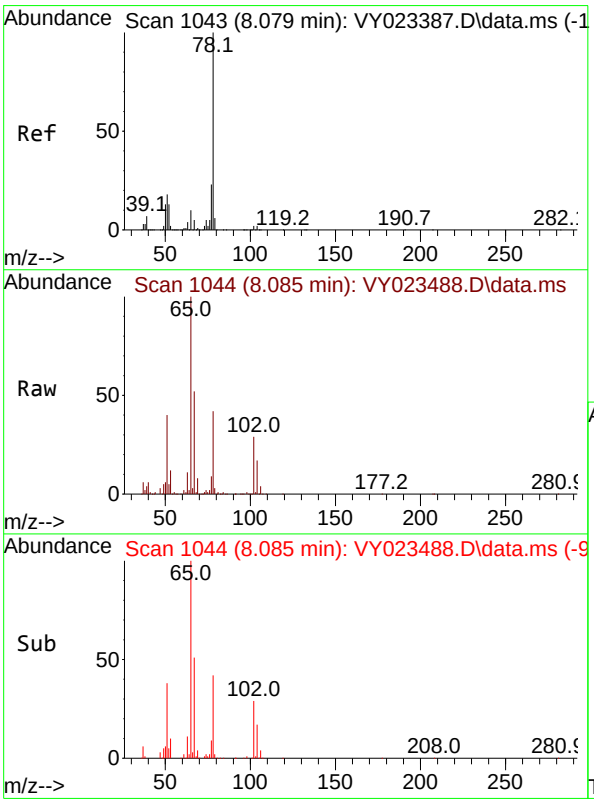
#39
Methylcyclohexane
Concen: 31.444 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion: 83 Resp: 401744

Ion	Ratio	Lower	Upper
83	100		
55	76.6	51.4	77.2
98	53.2	40.4	60.6

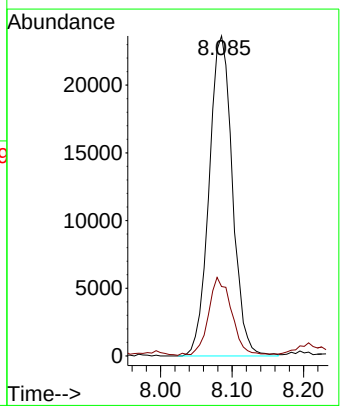


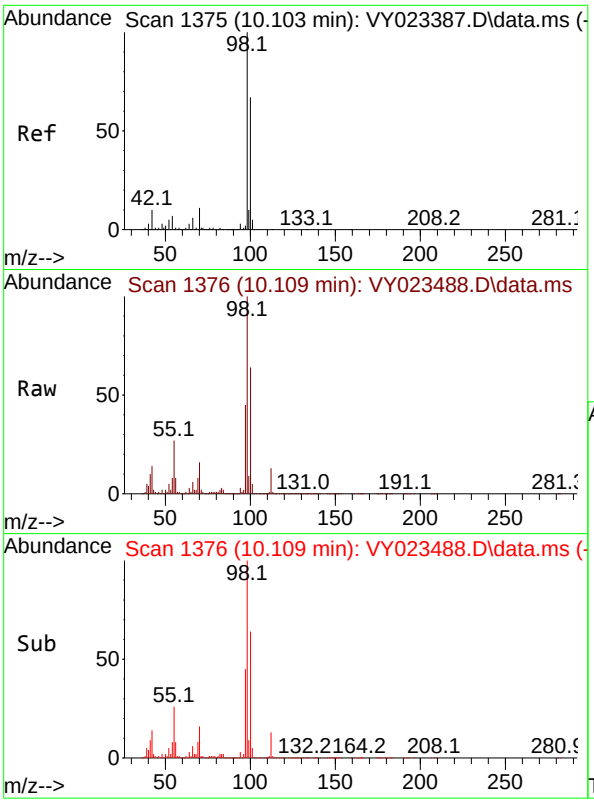


#40
Benzene
Concen: 1.722 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion: 78 Resp: 53508

Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.3	27.5



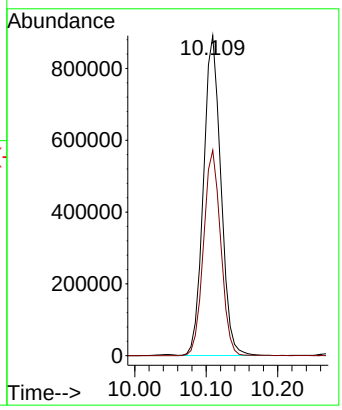


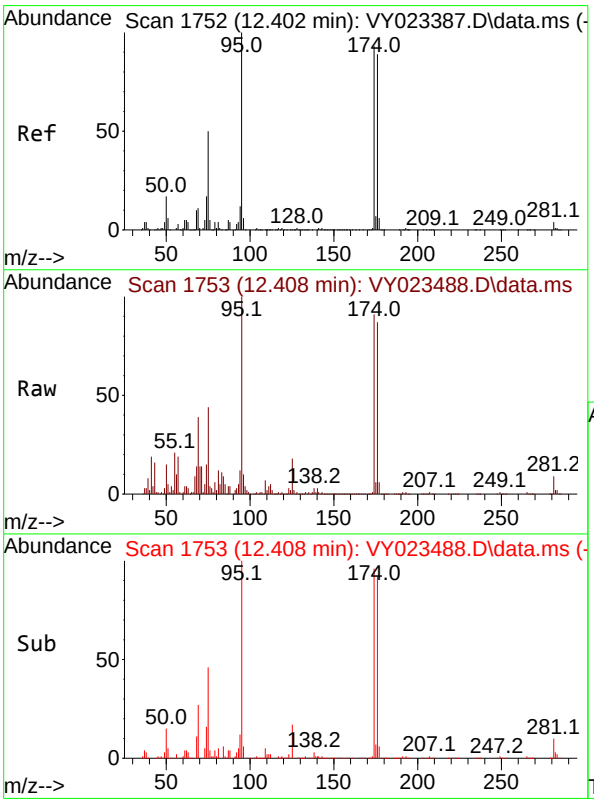
#50
Toluene-d8
Concen: 54.592 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion: 98 Resp: 1506924

Ion	Ratio	Lower	Upper
98	100		
100	63.4	53.0	79.4

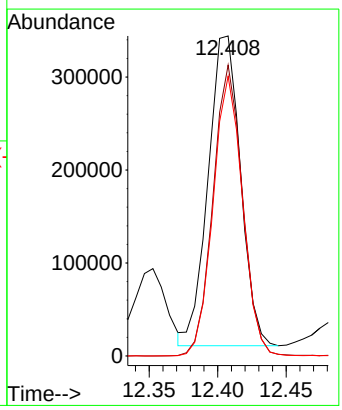


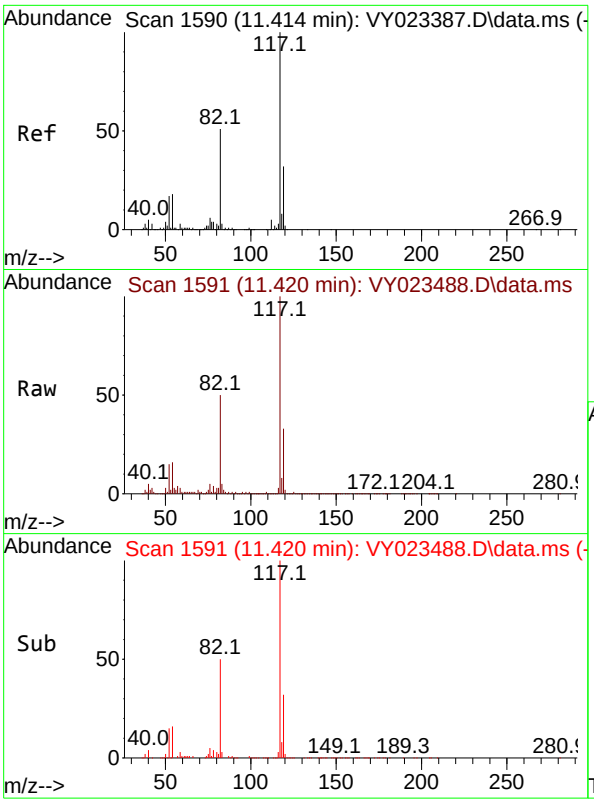


#62
4-Bromofluorobenzene
Concen: 59.943 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion: 95 Resp: 546271

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	192.8
176	82.5	0.0	187.6



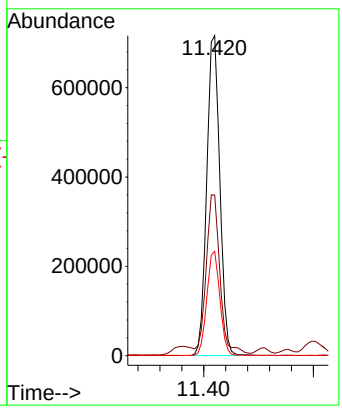


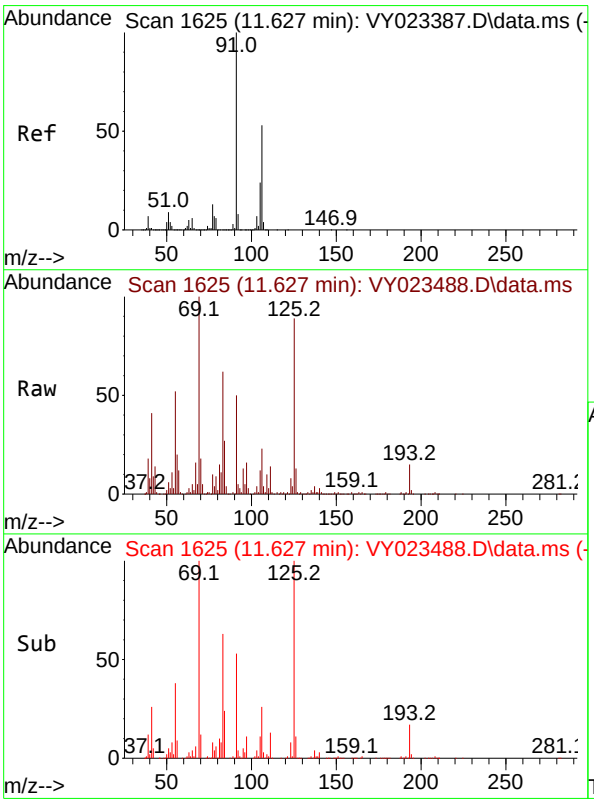
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion:117 Resp: 1183423

Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.0	61.4
119	32.5	25.6	38.4

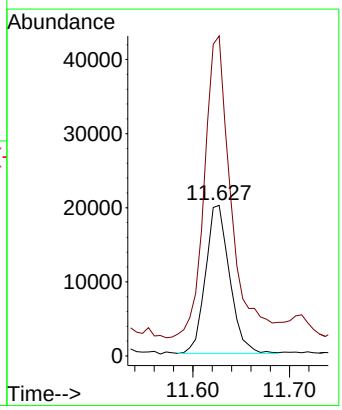


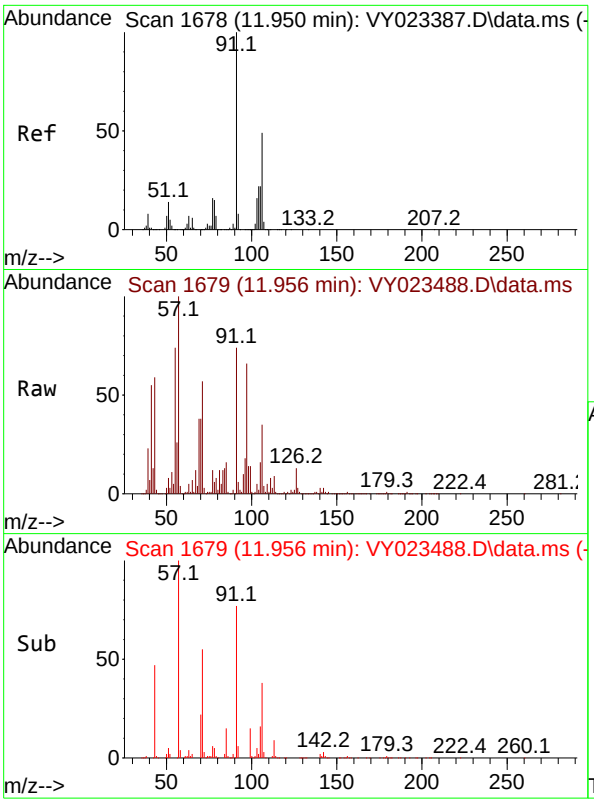


#68
m/p-Xylenes
Concen: 2.072 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion:106 Resp: 34630

Ion	Ratio	Lower	Upper
106	100		
91	236.8	152.6	229.0#



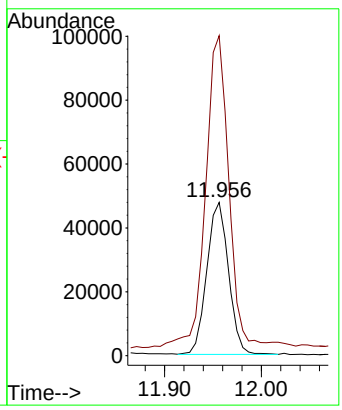


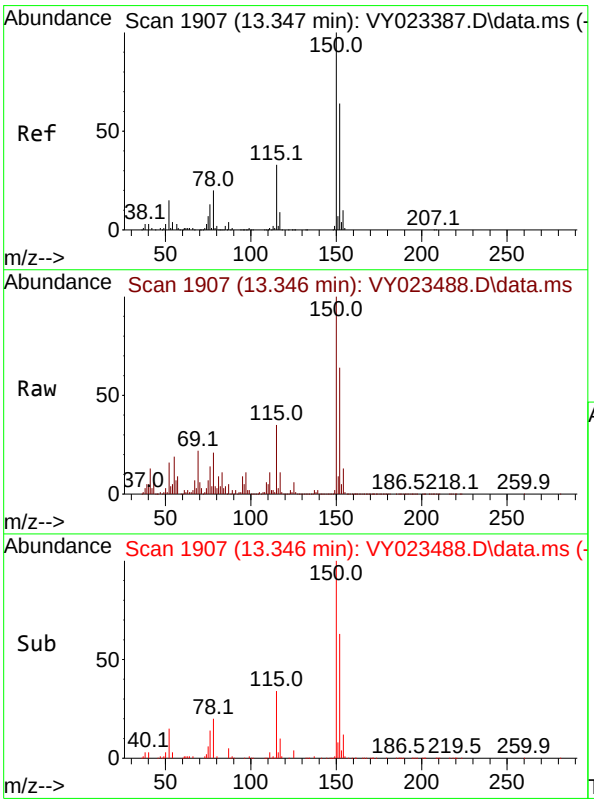
#69
o-Xylene
Concen: 4.745 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion:106 Resp: 74372

Ion	Ratio	Lower	Upper
106	100		
91	218.0	101.4	304.1

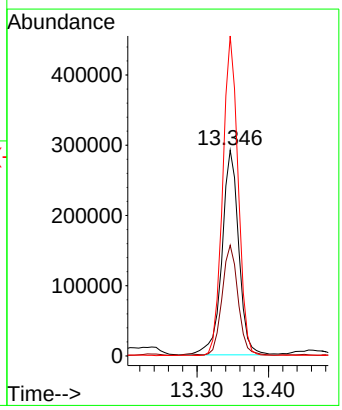


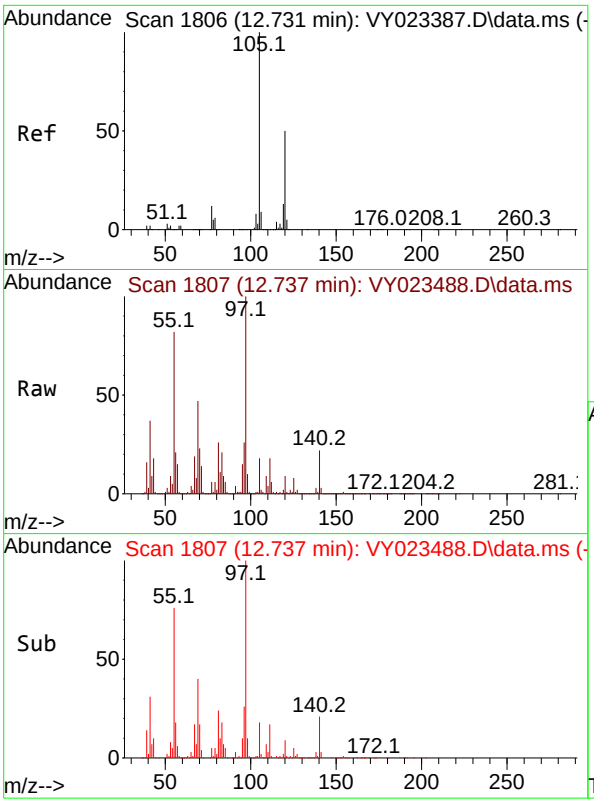


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion:152 Resp: 475817

Ion	Ratio	Lower	Upper
152	100		
115	50.6	27.1	81.2
150	143.4	0.0	347.4



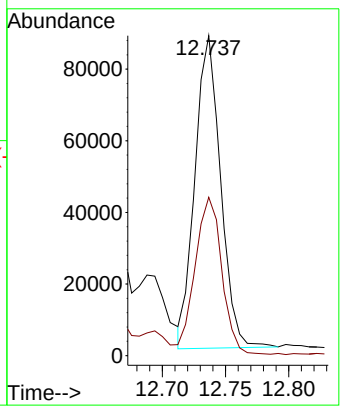


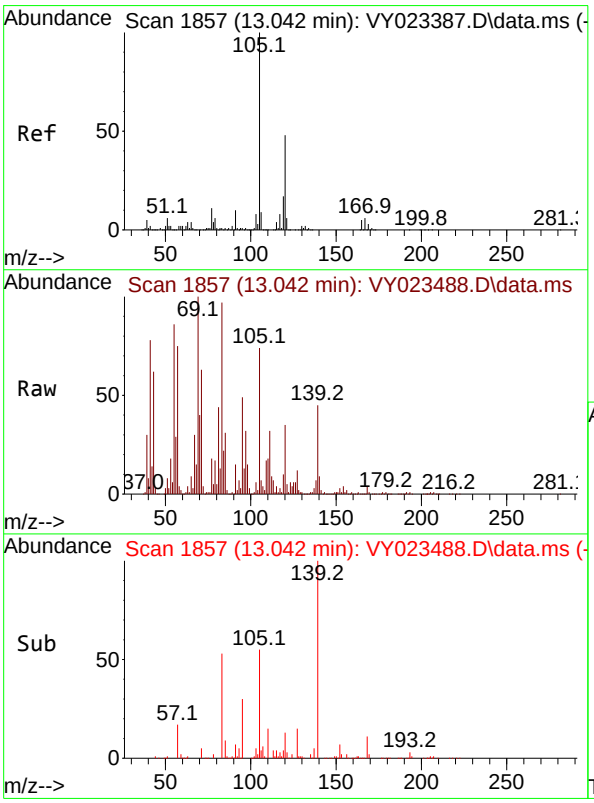
#80
1,3,5-Trimethylbenzene
Concen: 4.856 ug/l
RT: 12.737 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO3-028010-20251015

Tgt Ion:105 Resp: 123045

Ion	Ratio	Lower	Upper
105	100		
120	52.8	25.4	76.4





#84
1,2,4-Trimethylbenzene
Concen: 5.595 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023488.D
Acq: 16 Oct 2025 13:51

Tgt Ion:105 Resp: 141492

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.8	71.2