Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
Data File : VN088528.D
Acq On : 16 Dec 2025 15:06
Operator : JC\MD
Sample : Q3855-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 326

Quant Time: Dec 17 01:43:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	281488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	623612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	628228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	325084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	285385	53.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.640%			
35) Dibromofluoromethane	8.147	113	218981	50.671	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	10.547	98	793343	49.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.680%			
62) 4-Bromofluorobenzene	12.823	95	323652	58.662	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.320%			
Target Compounds						Qvalue
16) Acetone	4.418	43	1687671	880.039	ug/l	96
18) Methyl Acetate	5.024	43	18029	3.158	ug/l	94
20) Methylene Chloride	5.271	84	135306	32.977	ug/l	92
31) Cyclohexane	8.229	56	21301m	3.054	ug/l	
39) Methylcyclohexane	9.576	83	46631	6.536	ug/l	92
40) Benzene	8.582	78	56125	2.867	ug/l	93
52) Toluene	10.594	92	22954400m	2030.786	ug/l	
67) Ethyl Benzene	11.941	91	353100	14.317	ug/l	98
68) m/p-Xylenes	12.047	106	456438	49.914	ug/l	100
69) o-Xylene	12.370	106	275410	31.591	ug/l	98
73) Isopropylbenzene	12.670	105	46616	1.939	ug/l	97
78) n-propylbenzene	13.012	91	144173	4.903	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	199290	10.006	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	820906	41.466	ug/l	100

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

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Instrument :
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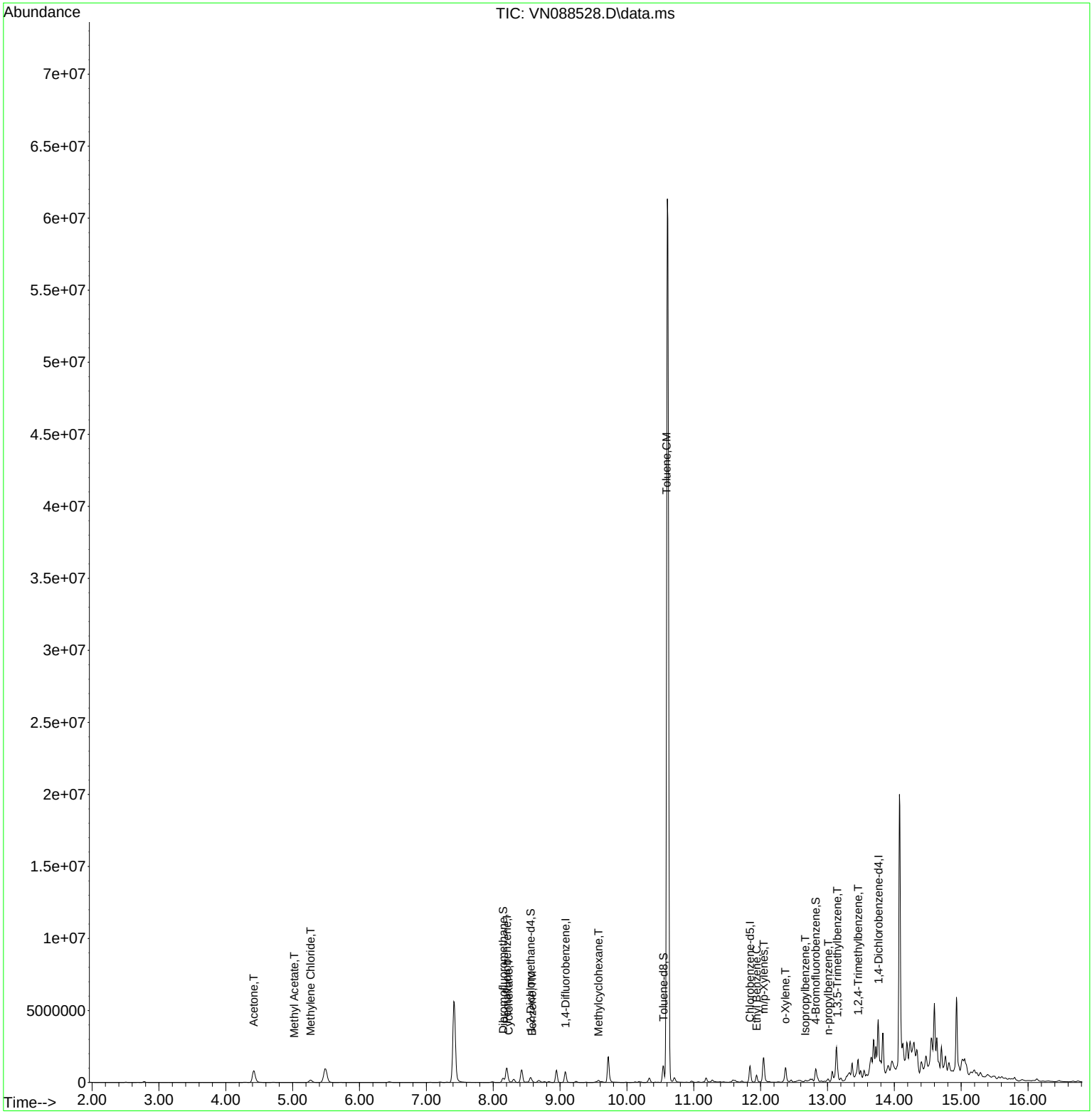
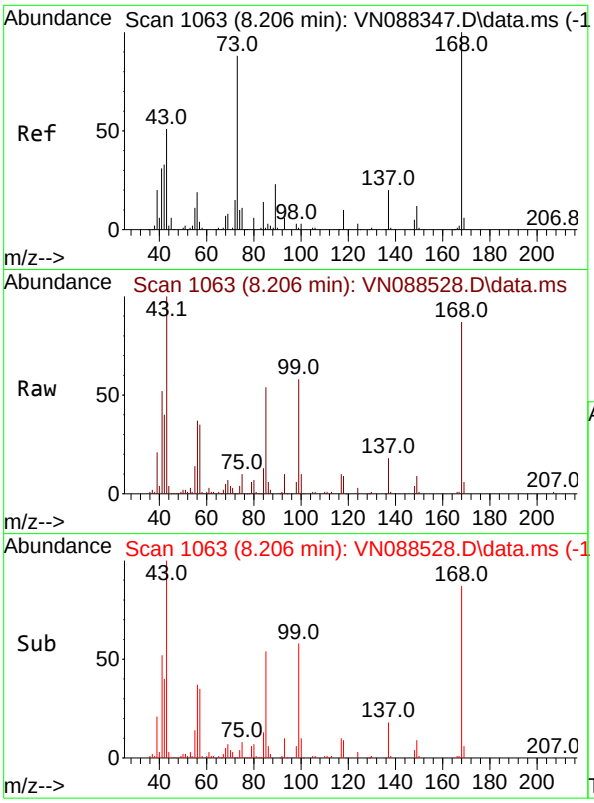
326

Quant Time: Dec 17 01:43:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



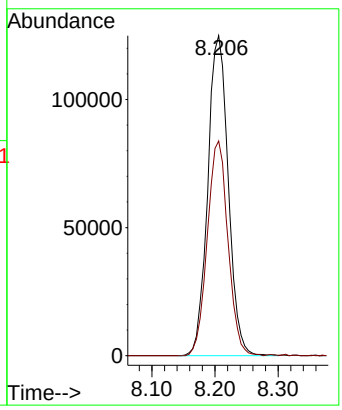


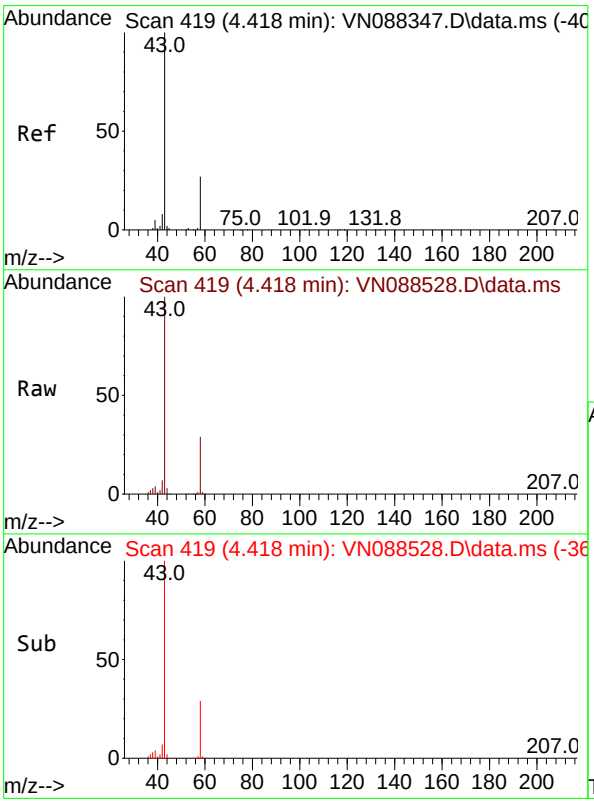
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion:168 Resp: 281488

Ion	Ratio	Lower	Upper
168	100		
99	67.1	57.1	85.7

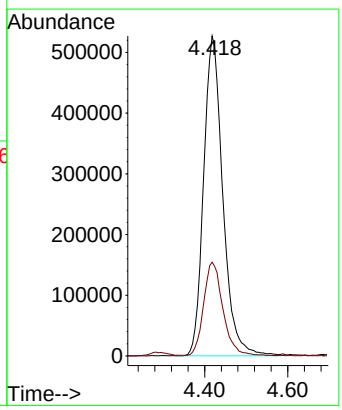


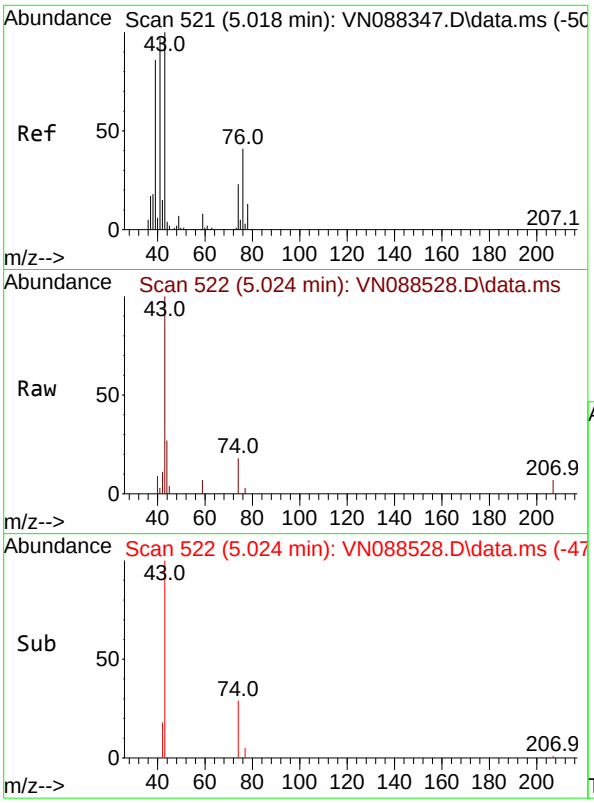


#16
Acetone
Concen: 880.039 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 43 Resp: 1687671

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.7	32.5



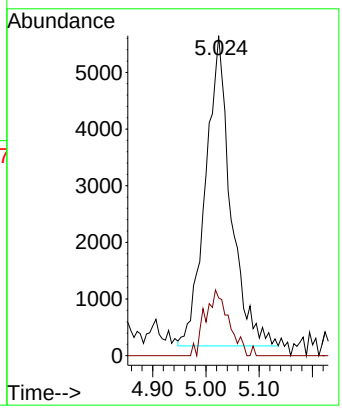


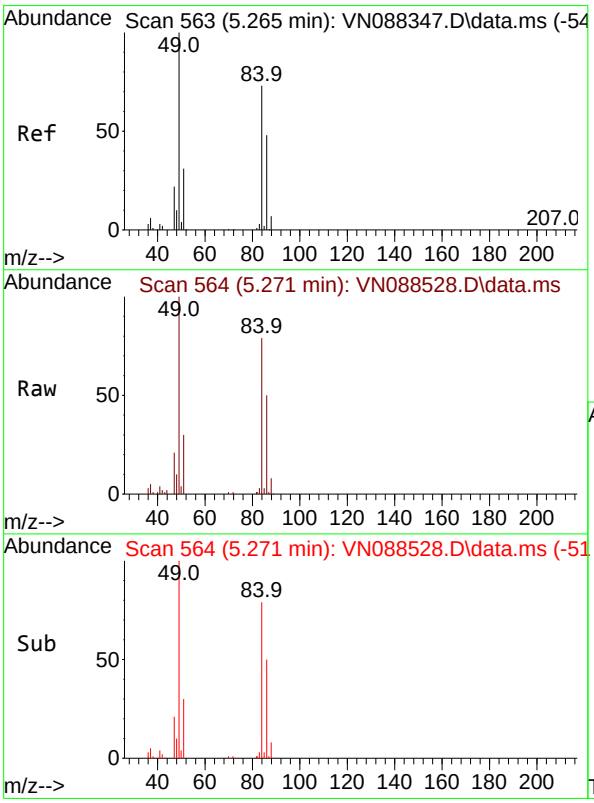
#18
Methyl Acetate
Concen: 3.158 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion: 43 Resp: 18029

Ion	Ratio	Lower	Upper
43	100		
74	19.7	17.9	26.9

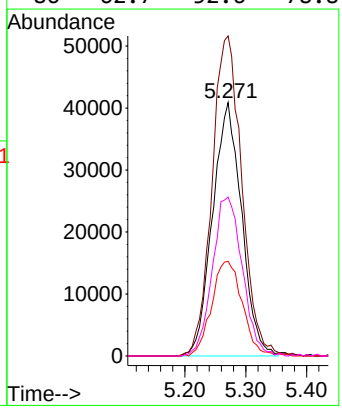


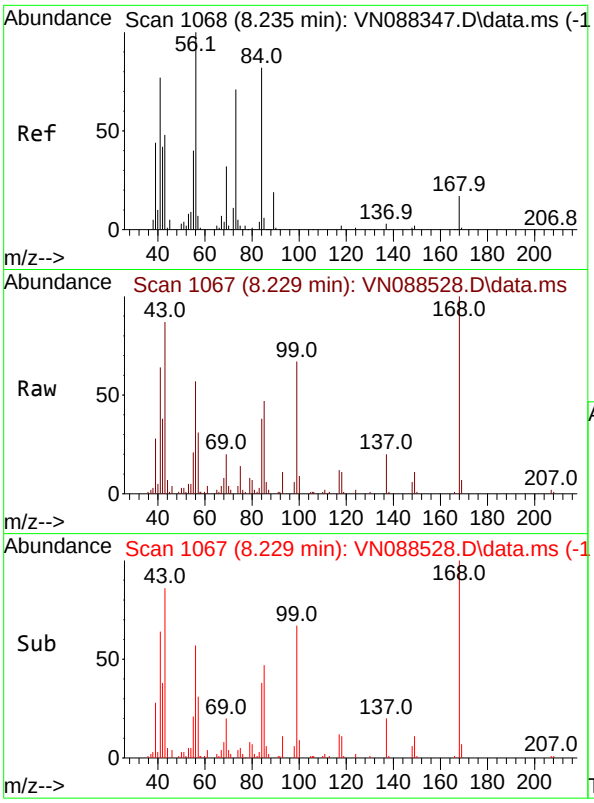


#20
Methylene Chloride
Concen: 32.977 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 84 Resp: 135306

Ion	Ratio	Lower	Upper
84	100		
49	126.3	110.2	165.2
51	37.4	34.1	51.1
86	62.7	52.6	78.8



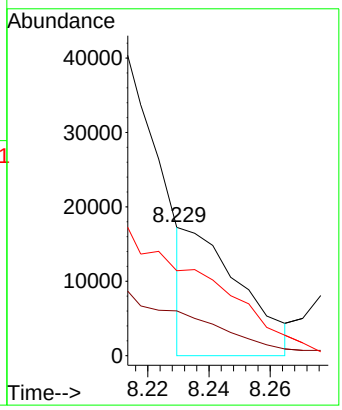


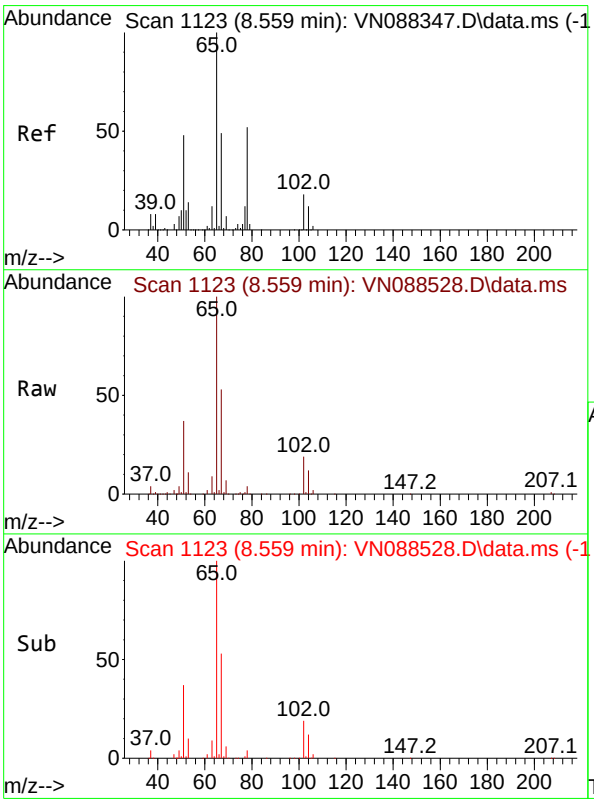
#31
Cyclohexane
Concen: 3.054 ug/l m
RT: 8.229 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion: 56 Resp: 21301

Ion	Ratio	Lower	Upper
56	100		
69	34.9	25.3	37.9
84	66.1	65.4	98.2

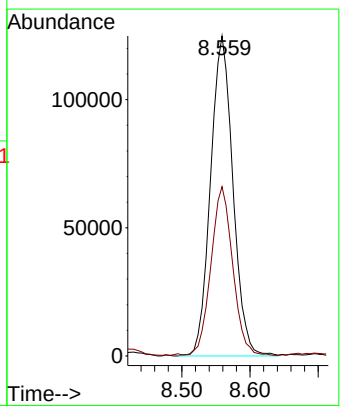


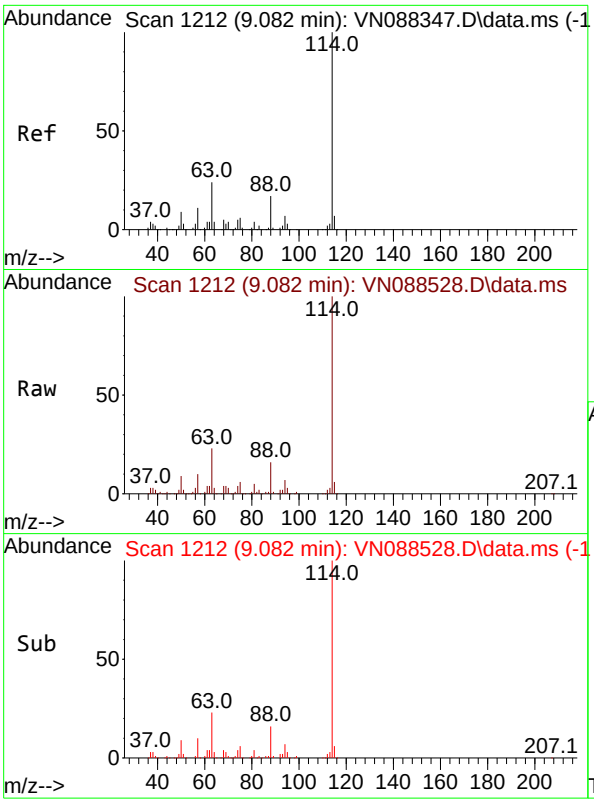


#33
1,2-Dichloroethane-d4
Concen: 53.819 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 65 Resp: 285385

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.8



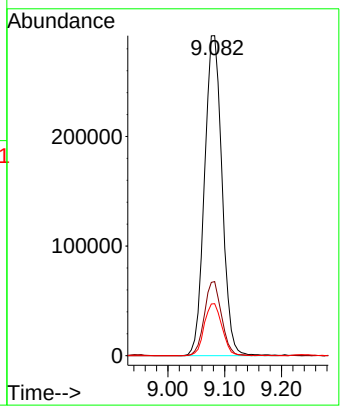


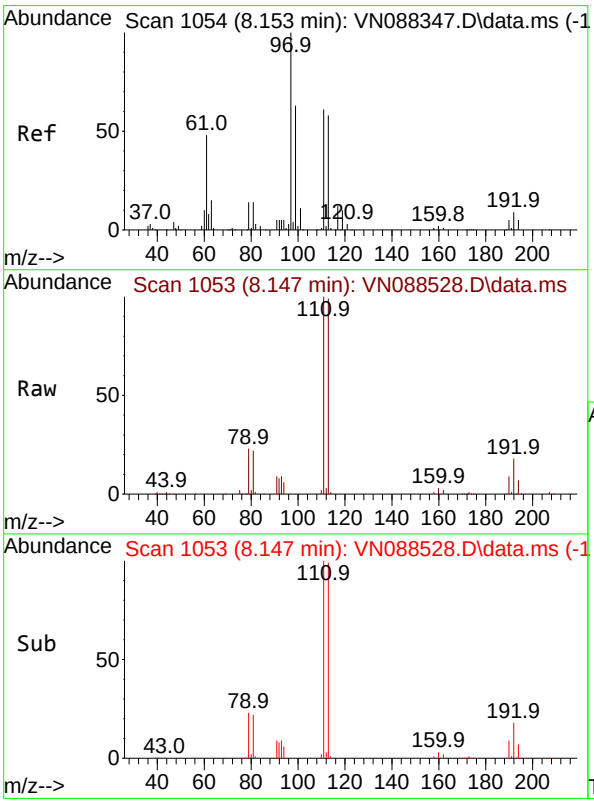
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion:114 Resp: 623612

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	49.0
88	16.2	0.0	34.0

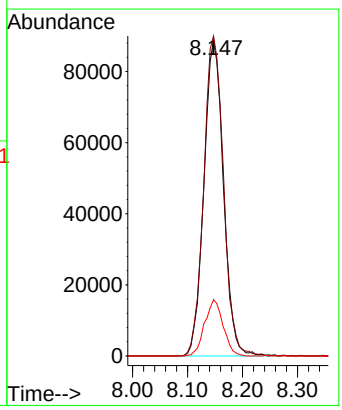


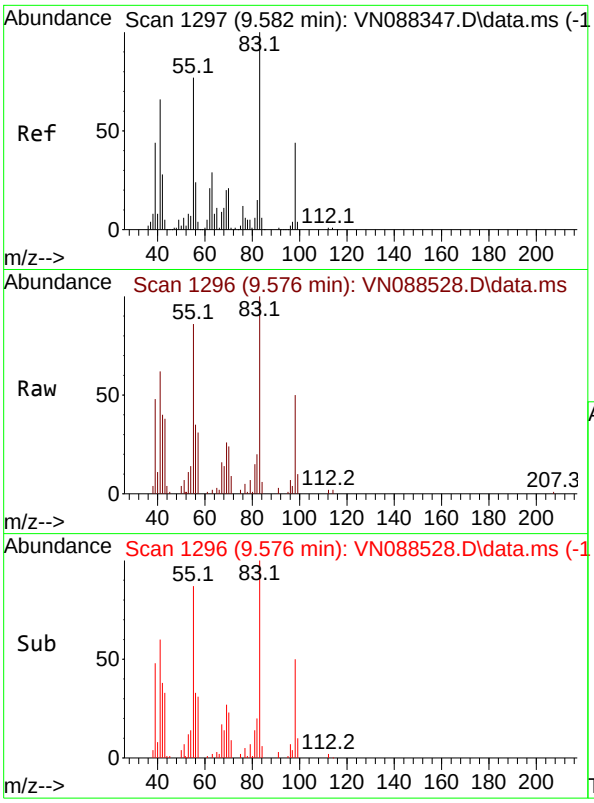


#35
Dibromofluoromethane
Concen: 50.671 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:113 Resp: 218981

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.5	123.7
192	16.9	12.8	19.2



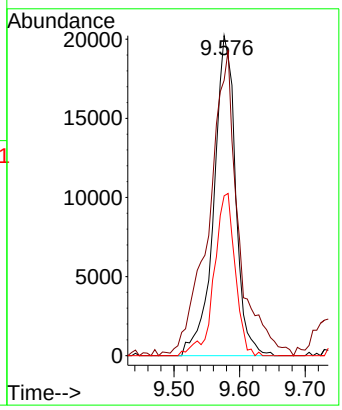


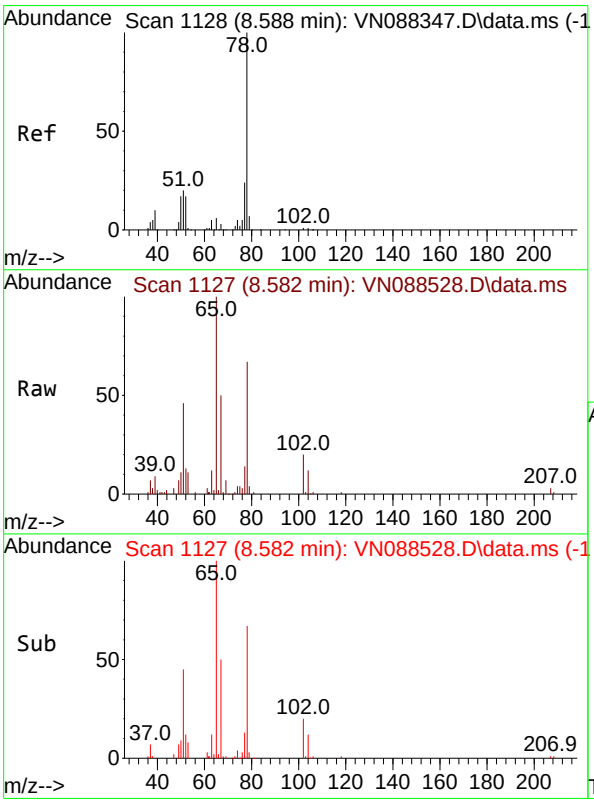
#39
Methylcyclohexane
Concen: 6.536 ug/l
RT: 9.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion: 83 Resp: 46631

Ion	Ratio	Lower	Upper
83	100		
55	83.3	61.6	92.4
98	50.0	35.3	52.9

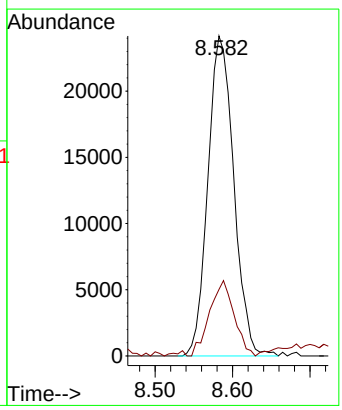


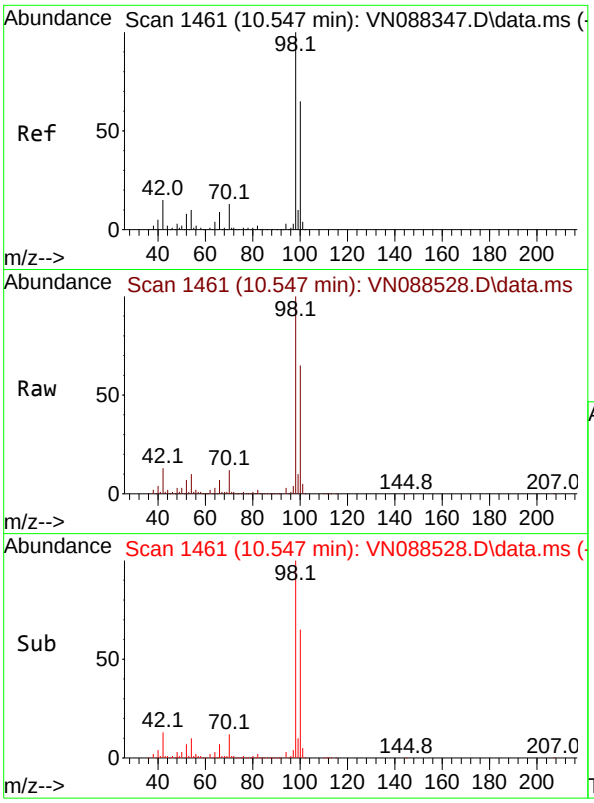


#40
Benzene
Concen: 2.867 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 78 Resp: 56125

Ion	Ratio	Lower	Upper
78	100		
77	20.2	19.0	28.4



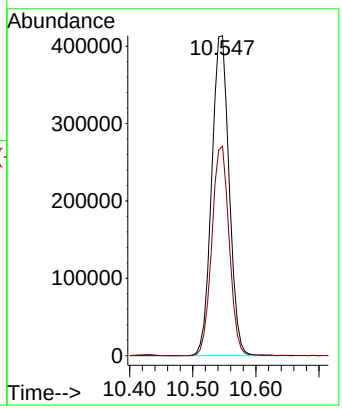


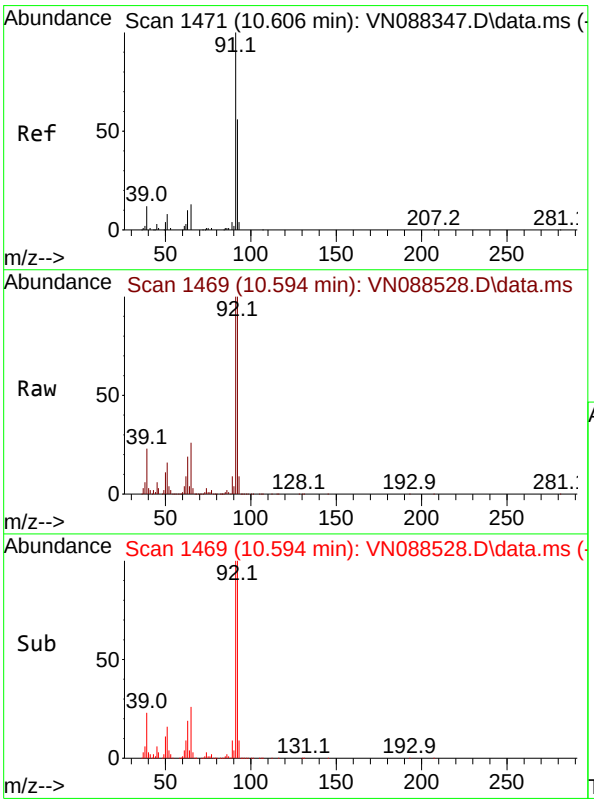
#50
Toluene-d8
Concen: 49.338 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion: 98 Resp: 793343

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

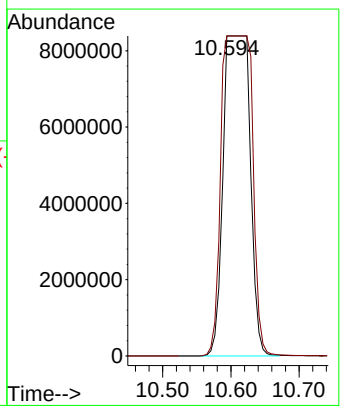


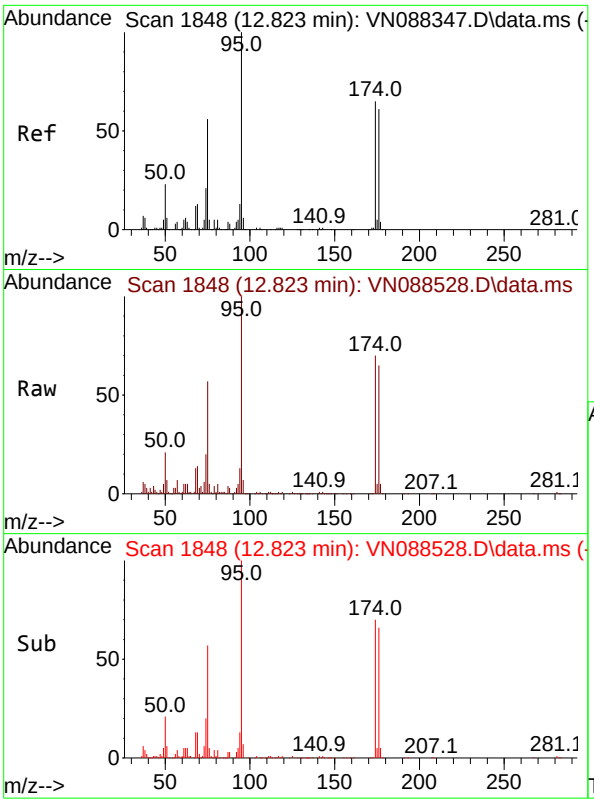


#52
Toluene
Concen: 2030.786 ug/l m
RT: 10.594 min Scan# 1469
Delta R.T. -0.012 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 92 Resp:22954400

Ion	Ratio	Lower	Upper
92	100		
91	0.0	140.2	210.2#



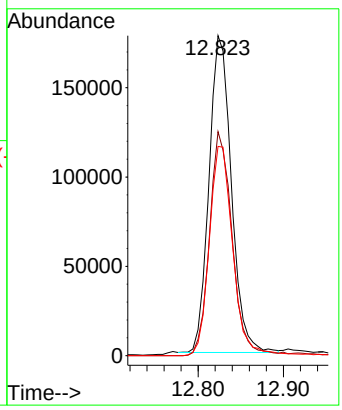


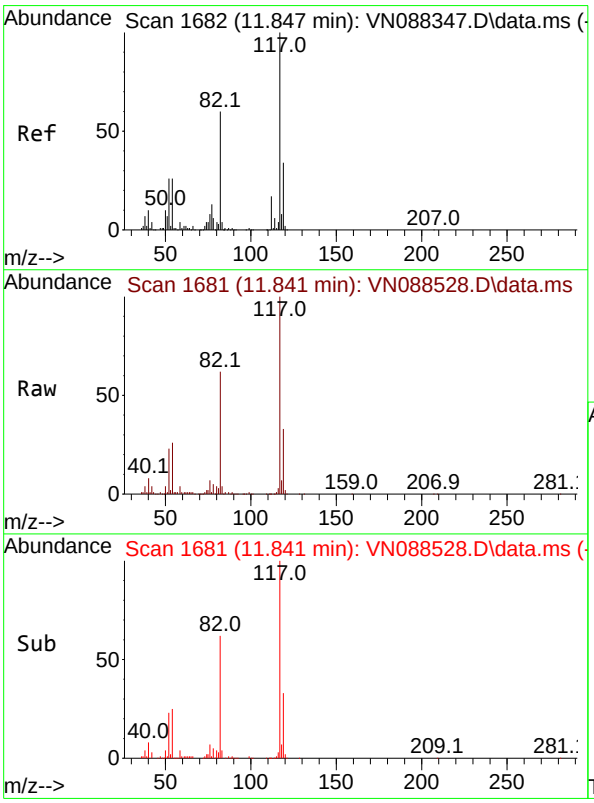
#62
4-Bromofluorobenzene
Concen: 58.662 ug/l
RT: 12.823 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion: 95 Resp: 323652

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	139.0
176	69.8	0.0	132.4

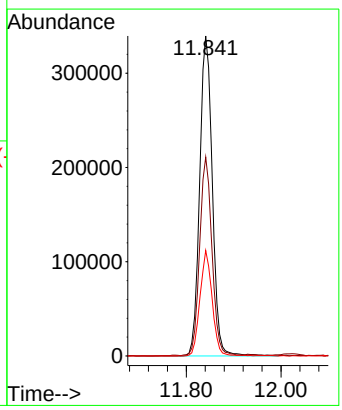


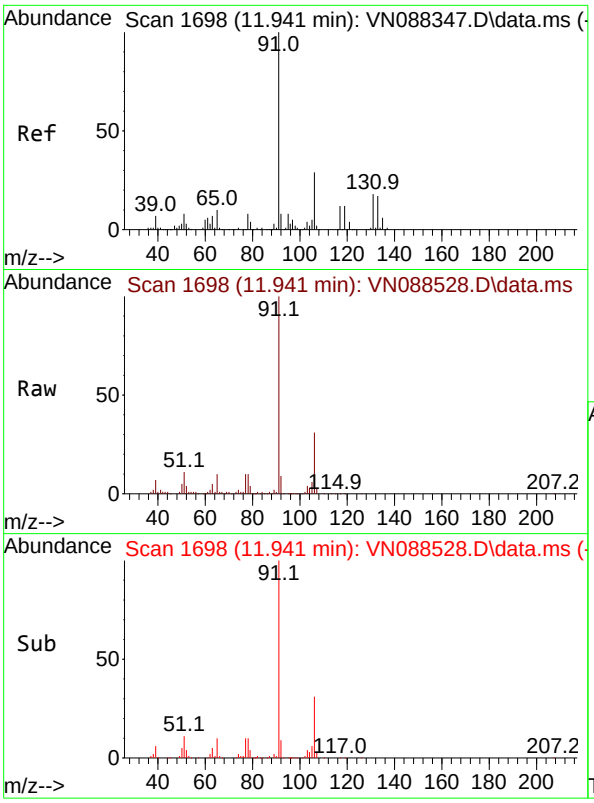


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:117 Resp: 628228

Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.8	71.8
119	33.0	26.9	40.3



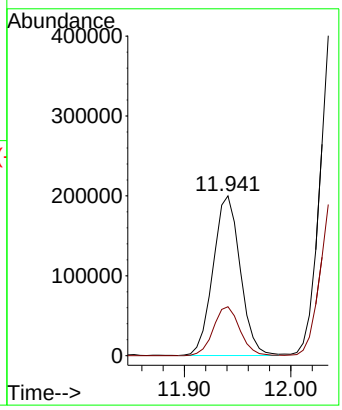


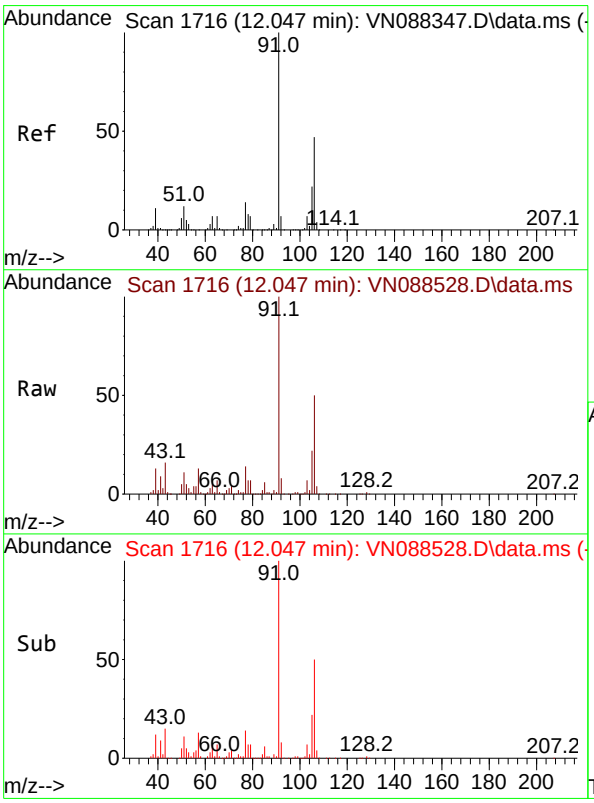
#67
Ethyl Benzene
Concen: 14.317 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion: 91 Resp: 353100

Ion	Ratio	Lower	Upper
91	100		
106	30.7	23.6	35.4

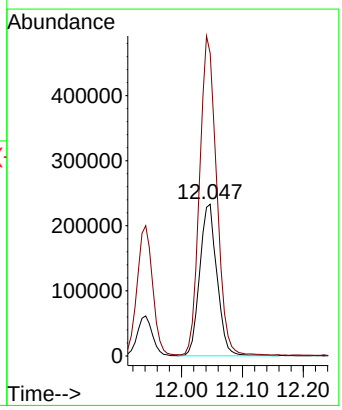


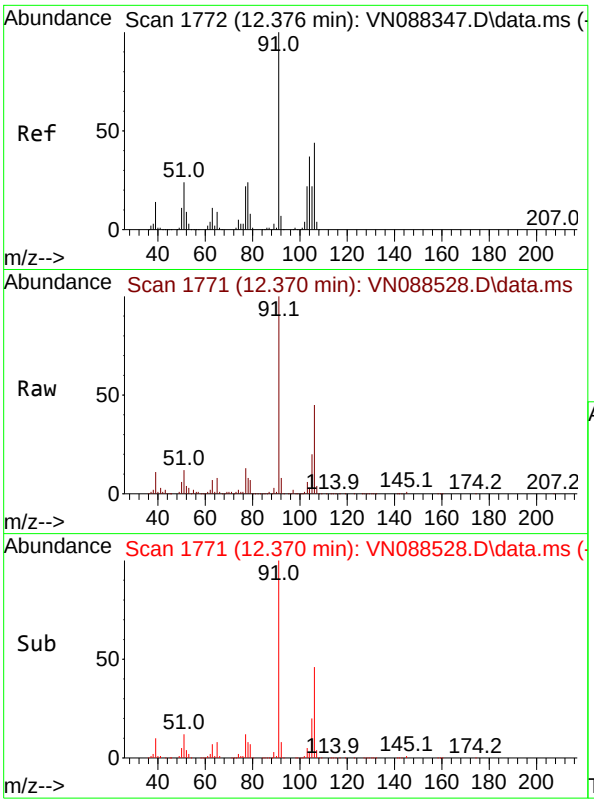


#68
m/p-Xylenes
Concen: 49.914 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:106 Resp: 456438

Ion	Ratio	Lower	Upper
106	100		
91	209.2	167.8	251.6



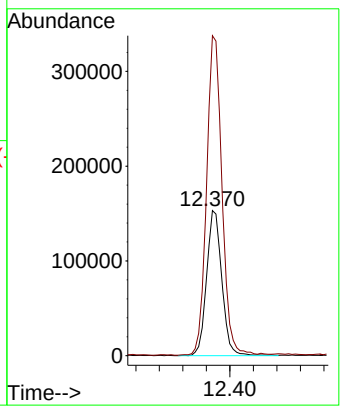


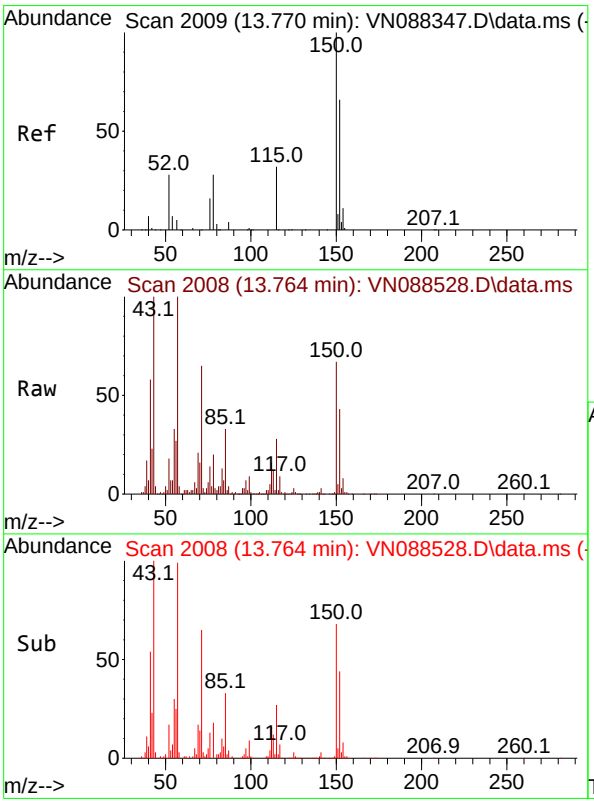
#69
o-Xylene
Concen: 31.591 ug/l
RT: 12.370 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion:106 Resp: 275410

Ion	Ratio	Lower	Upper
106	100		
91	222.4	112.9	338.7

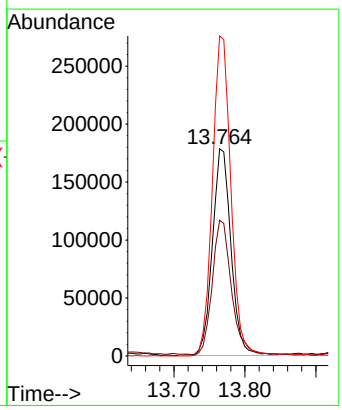


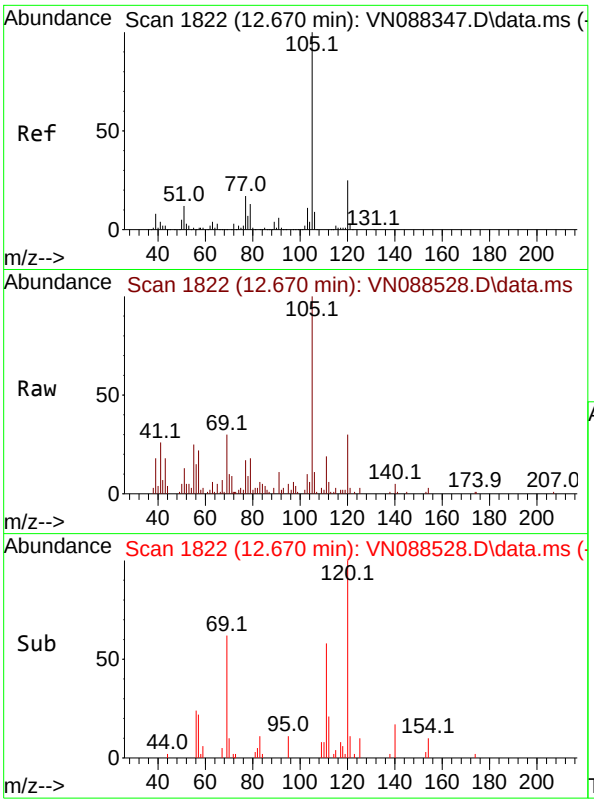


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:152 Resp: 325084

Ion	Ratio	Lower	Upper
152	100		
115	67.8	33.0	98.9
150	153.6	0.0	349.0



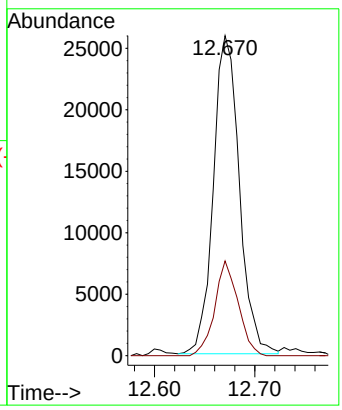


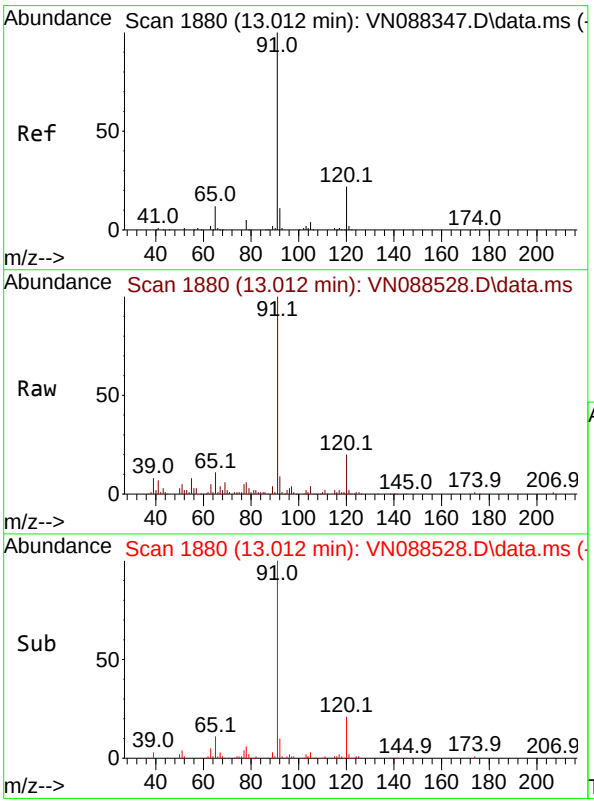
#73
Isopropylbenzene
Concen: 1.939 ug/l
RT: 12.670 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion:105 Resp: 46616

Ion	Ratio	Lower	Upper
105	100		
120	26.8	12.8	38.3

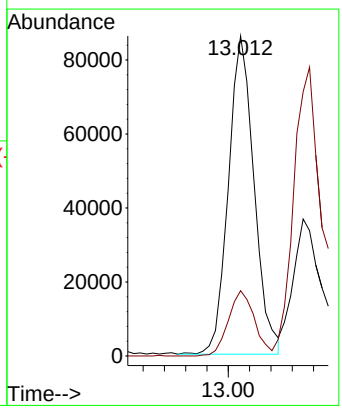


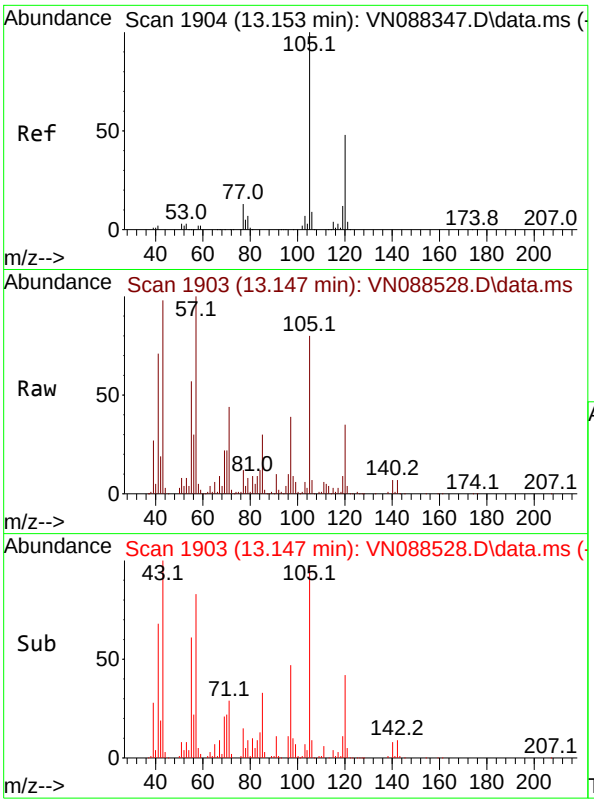


#78
n-propylbenzene
Concen: 4.903 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion: 91 Resp: 144173

Ion	Ratio	Lower	Upper
91	100		
120	20.9	10.9	32.6



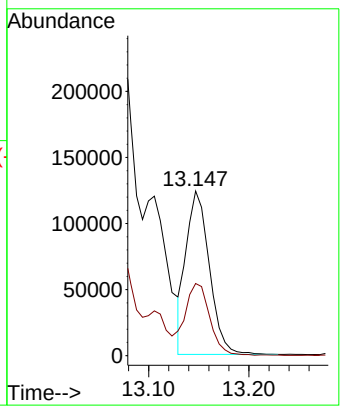


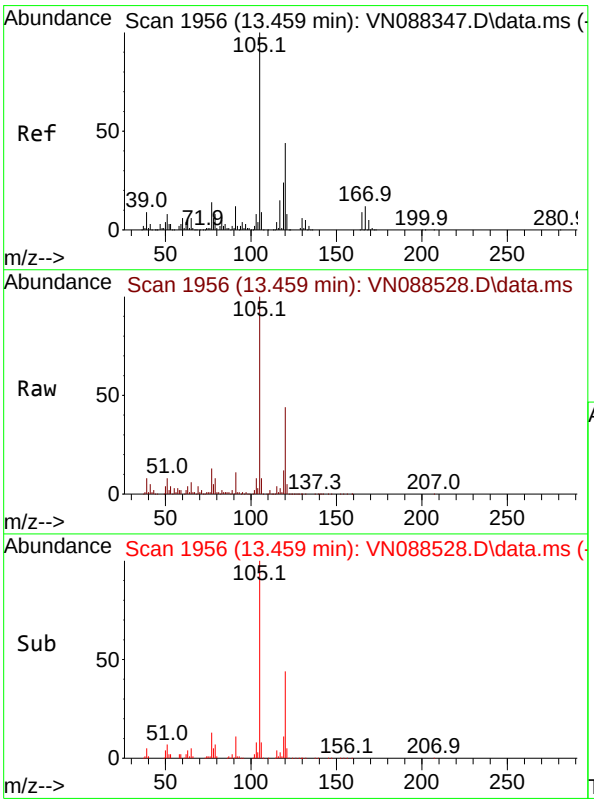
#80
1,3,5-Trimethylbenzene
Concen: 10.006 ug/l
RT: 13.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
326

Tgt Ion:105 Resp: 199290

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.8	71.5





#84
1,2,4-Trimethylbenzene
Concen: 41.466 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088528.D
Acq: 16 Dec 2025 15:06

Tgt Ion:105 Resp: 820906

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1