Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088405.D
Acq On : 02 Dec 2025 13:16
Operator : JC\MD
Sample : Q3716-04 200X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 03 01:28:23 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

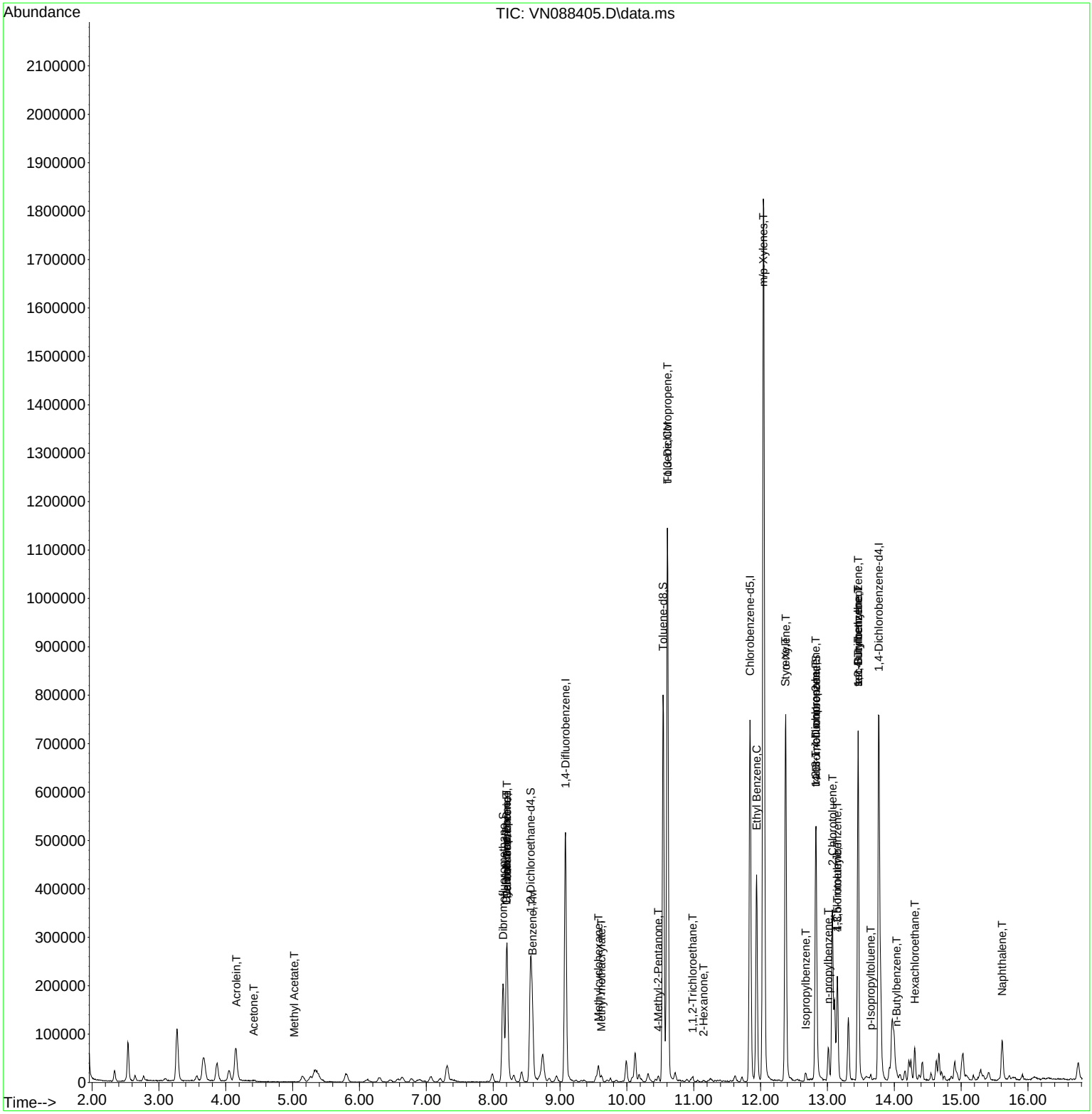
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	179775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	404613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	399064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	196778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	192978	56.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.960%			
35) Dibromofluoromethane	8.147	113	145835	52.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	10.541	98	517482	49.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.829	95	199337	55.685	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.380%			
Target Compounds						Qvalue
13) Acrolein	4.159	56	3601	6.956	ug/l #	1
16) Acetone	4.418	43	3097	2.529	ug/l #	48
18) Methyl Acetate	5.024	43	949	0.260	ug/l #	70
31) Cyclohexane	8.200	56	14686	3.297	ug/l #	58
36) 1,1-Dichloropropene	8.200	75	17991	4.157	ug/l #	52
38) Carbon Tetrachloride	8.206	117	20442	4.745	ug/l #	18
39) Methylcyclohexane	9.577	83	8947	1.933	ug/l #	72
40) Benzene	8.588	78	133961	10.547	ug/l	99
48) Methyl methacrylate	9.618	41	3328	0.839	ug/l #	20
51) 4-Methyl-2-Pentanone	10.471	43	1500	0.293	ug/l #	58
52) Toluene	10.606	92	476203	64.933	ug/l	100
53) t-1,3-Dichloropropene	10.606	75	7178	1.476	ug/l #	1
55) 1,1,2-Trichloroethane	10.982	97	1736	0.612	ug/l #	29
59) 2-Hexanone	11.147	43	1431	0.443	ug/l #	27
67) Ethyl Benzene	11.941	91	299620	19.125	ug/l	100
68) m/p-Xylenes	12.041	106	558226	96.101	ug/l	98
69) o-Xylene	12.376	106	203557	36.757	ug/l	100
70) Styrene	12.371	104	11682	1.299	ug/l #	1
73) Isopropylbenzene	12.676	105	12257	0.842	ug/l	97
76) 1,2,3-Trichloropropane	12.824	75	116608	25.301	ug/l #	1
78) n-propylbenzene	13.012	91	57132	3.210	ug/l	97
79) 2-Chlorotoluene	13.076	91	45720	4.206	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.147	105	112000	9.290	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.824	75	116608	71.777	ug/l #	1
82) 4-Chlorotoluene	13.147	91	11852	1.098	ug/l #	44
83) tert-Butylbenzene	13.459	119	47935	4.677	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.459	105	397842	33.199	ug/l	99
85) sec-Butylbenzene	13.459	105	397842	27.021	ug/l #	58
86) p-Isopropyltoluene	13.647	119	5167	0.428	ug/l	91
89) n-Butylbenzene	14.035	91	7481	0.638	ug/l #	71
90) Hexachloroethane	14.306	117	4897	2.220	ug/l #	20
95) Naphthalene	15.612	128	77210	6.149	ug/l	98

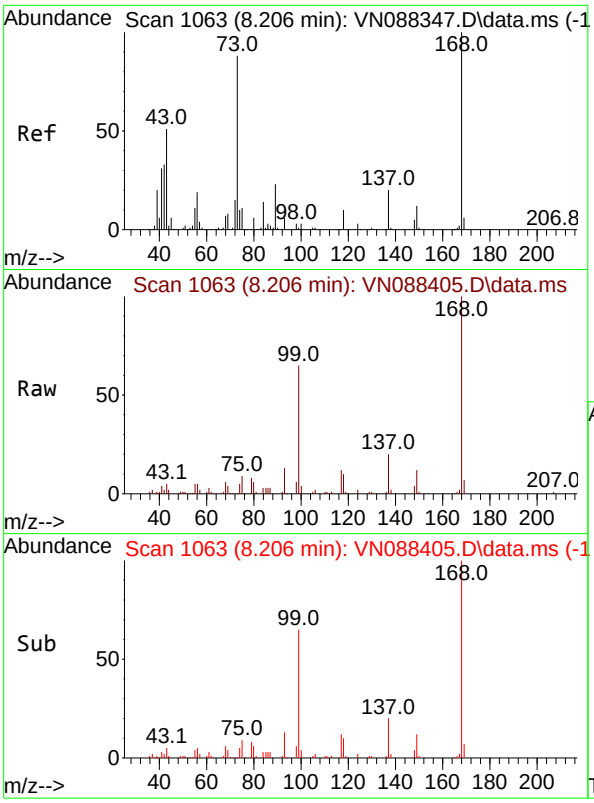
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088405.D
Acq On : 02 Dec 2025 13:16
Operator : JC\MD
Sample : Q3716-04 200X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 03 01:28:23 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



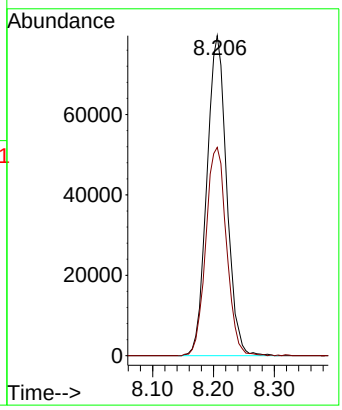


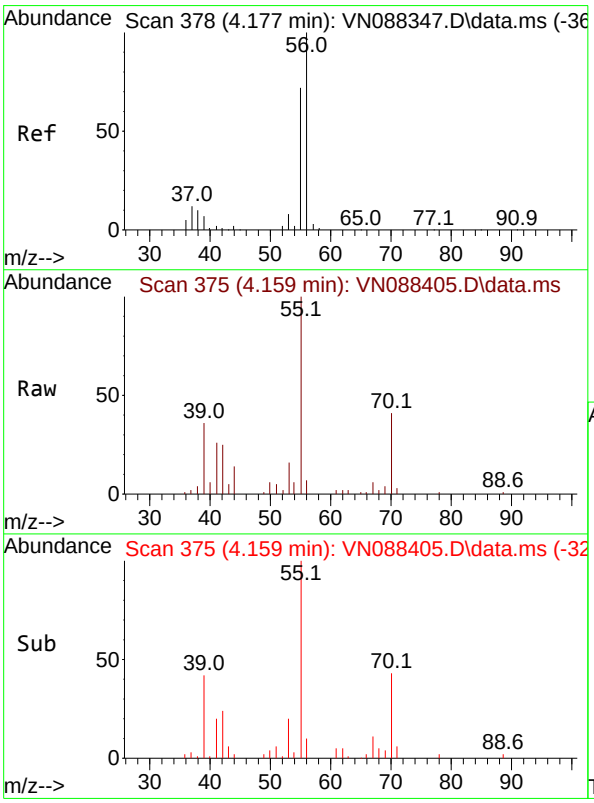
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 179775

Ion	Ratio	Lower	Upper
168	100		
99	65.1	57.1	85.7

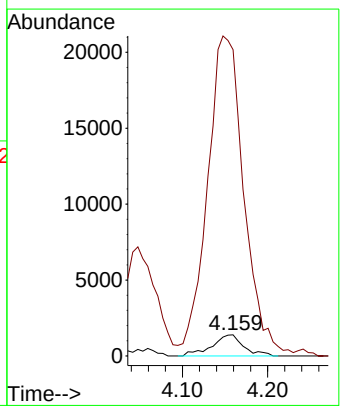


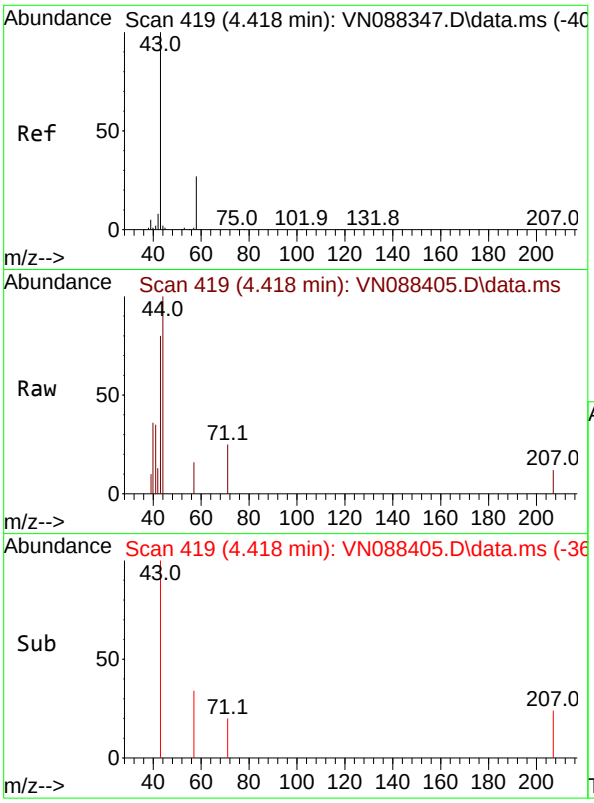


#13
Acrolein
Concen: 6.956 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.017 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 56 Resp: 3601

Ion	Ratio	Lower	Upper
56	100		
55	1704.9	56.3	84.5#



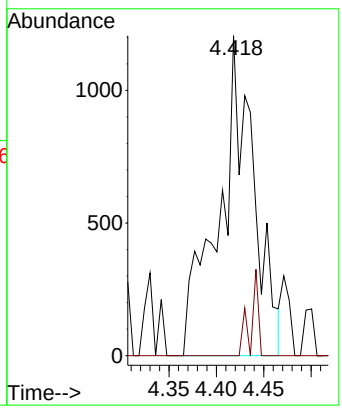


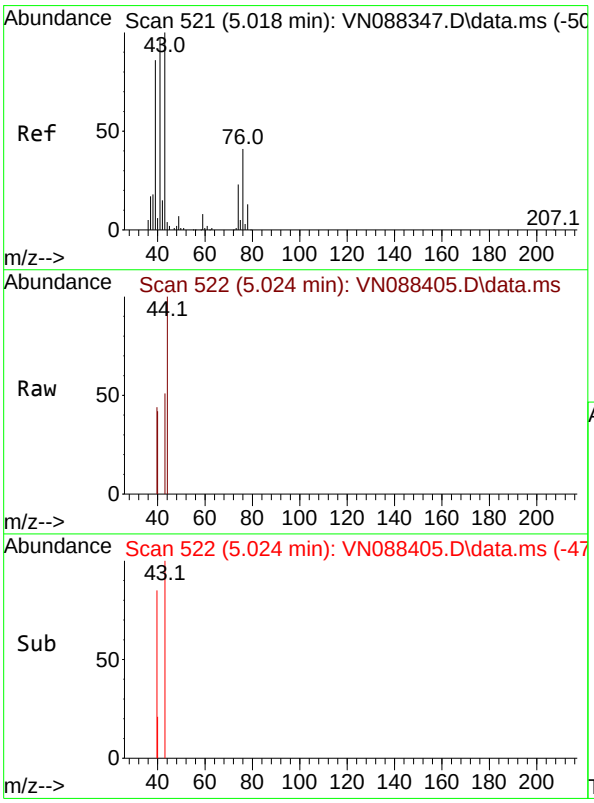
#16
Acetone
Concen: 2.529 ug/l
RT: 4.418 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3097

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.7	32.5#

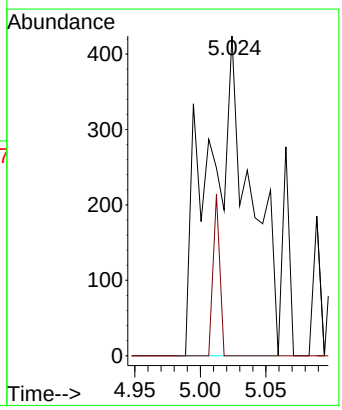


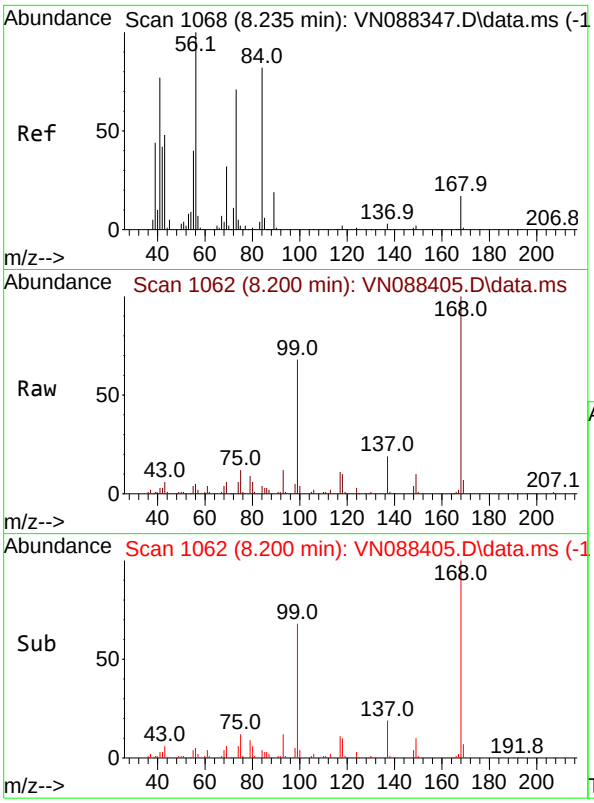


#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 43 Resp: 949

Ion	Ratio	Lower	Upper
43	100		
74	7.9	17.9	26.9#



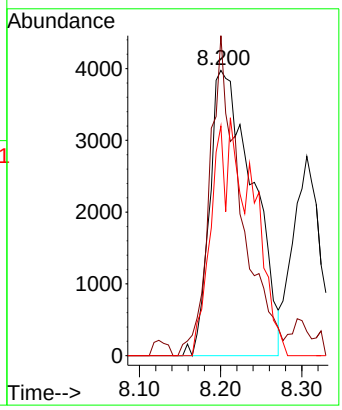


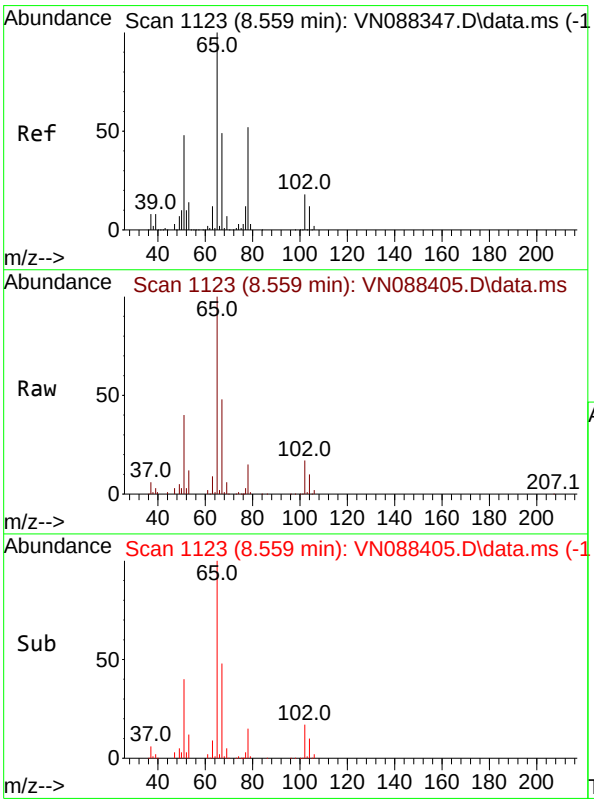
#31
Cyclohexane
Concen: 3.297 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 14686

Ion	Ratio	Lower	Upper
56	100		
69	112.1	25.3	37.9#
84	80.5	65.4	98.2

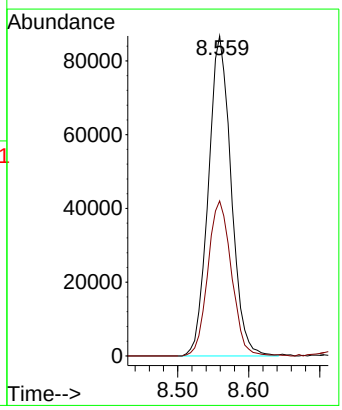


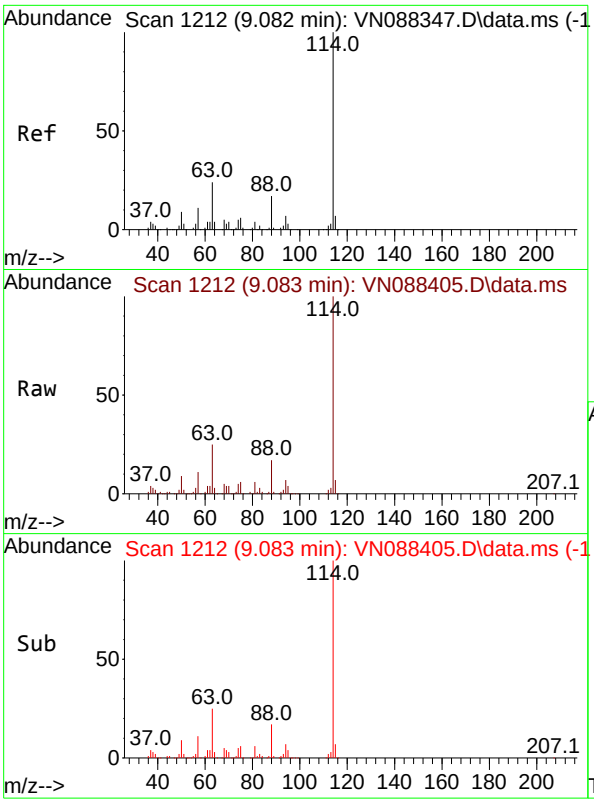


#33
1,2-Dichloroethane-d4
Concen: 56.983 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 65 Resp: 192978

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.8



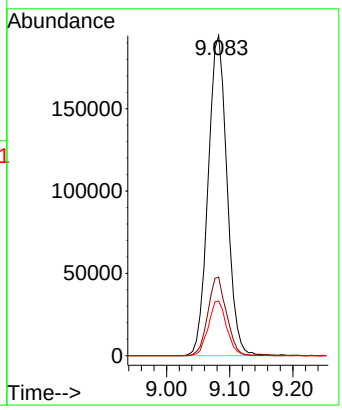


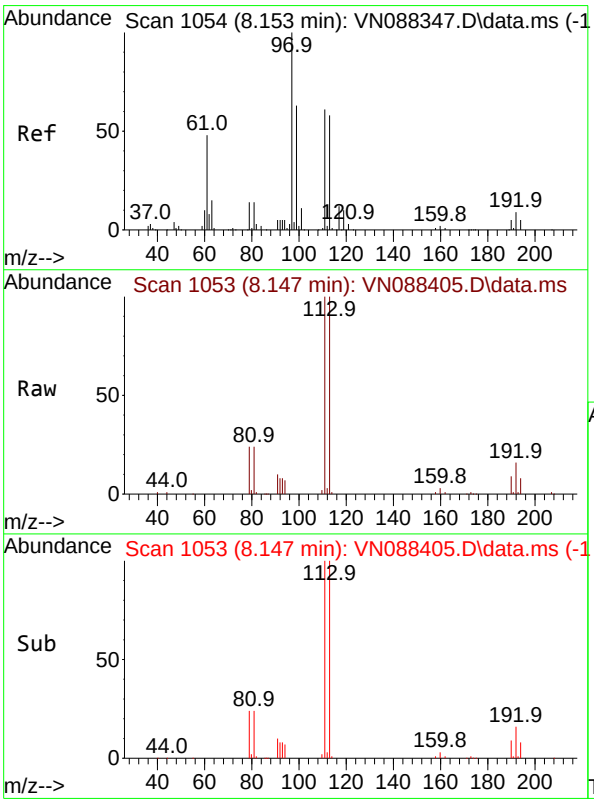
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 404613

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.0
88	17.1	0.0	34.0

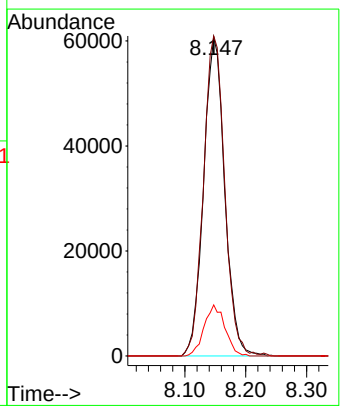


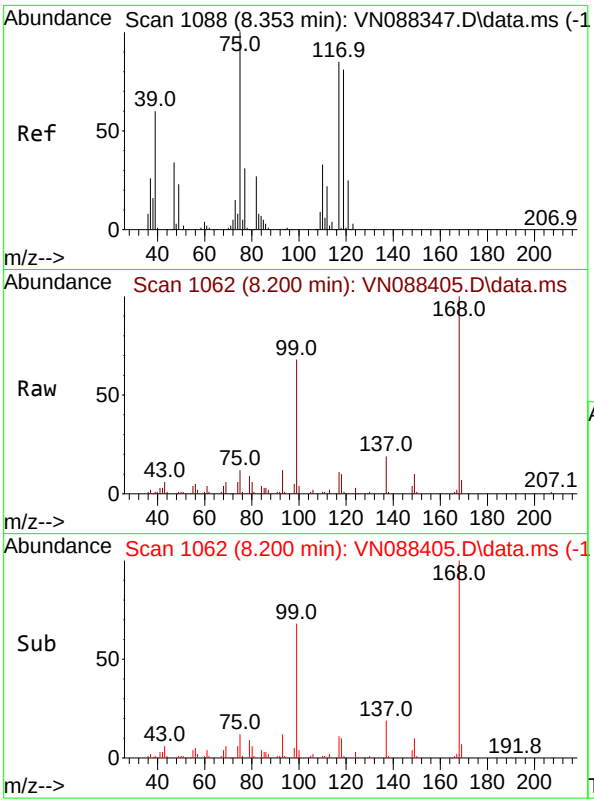


#35
Dibromofluoromethane
Concen: 52.011 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:113 Resp: 145835

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.5	123.7
192	15.8	12.8	19.2



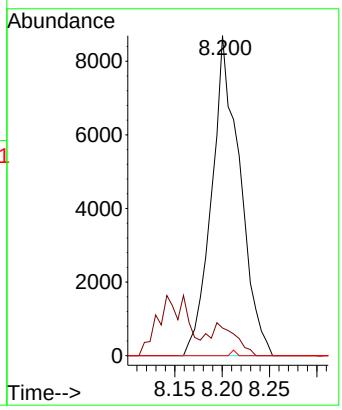


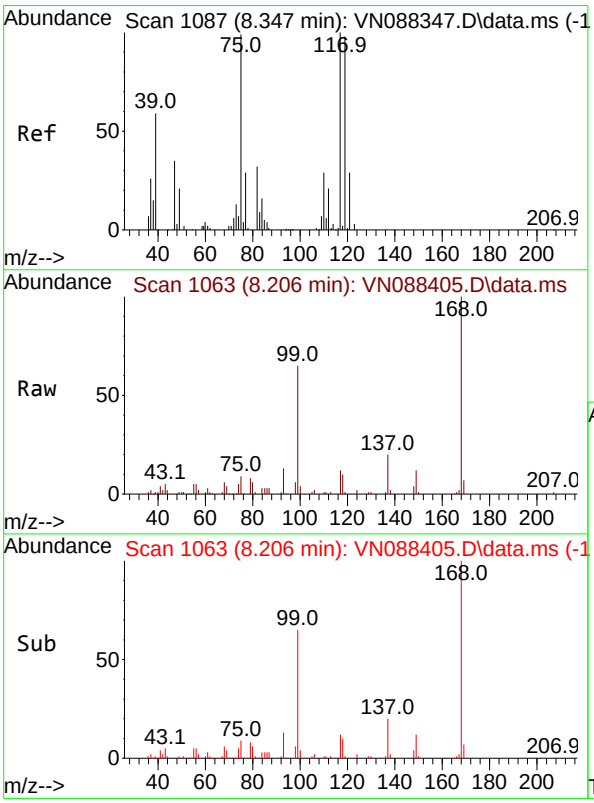
#36
1,1-Dichloropropene
Concen: 4.157 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 17991

Ion	Ratio	Lower	Upper
75	100		
110	9.5	15.8	47.4#
77	0.0	24.2	36.2#

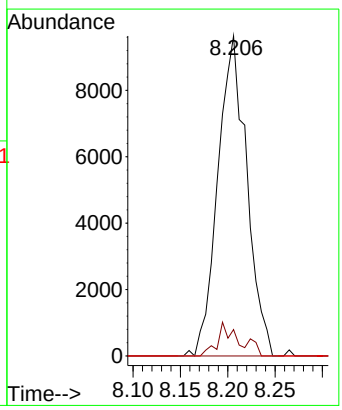


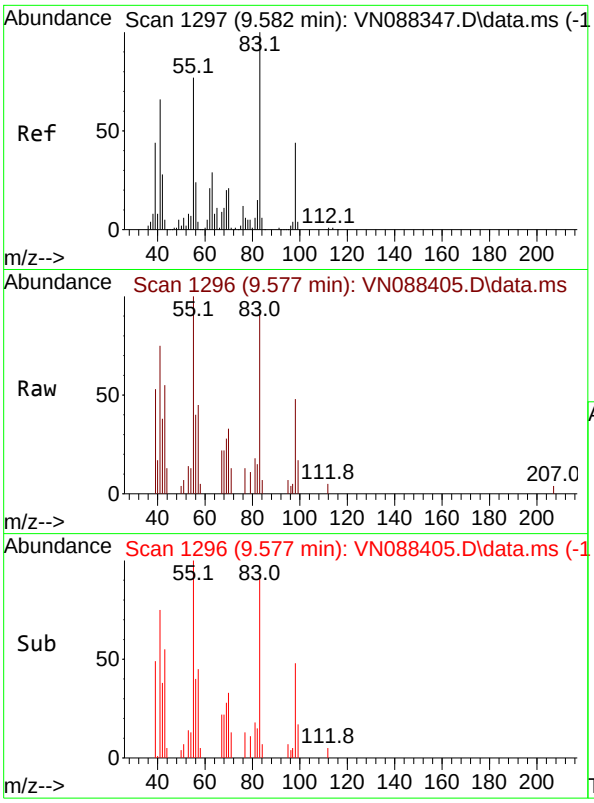


#38
Carbon Tetrachloride
Concen: 4.745 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.141 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:117 Resp: 20442

Ion	Ratio	Lower	Upper
117	100		
119	8.3	78.2	117.4#
121	0.0	23.4	35.2#



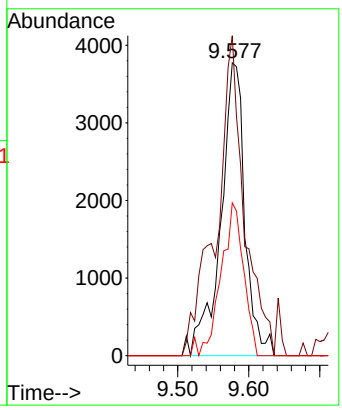


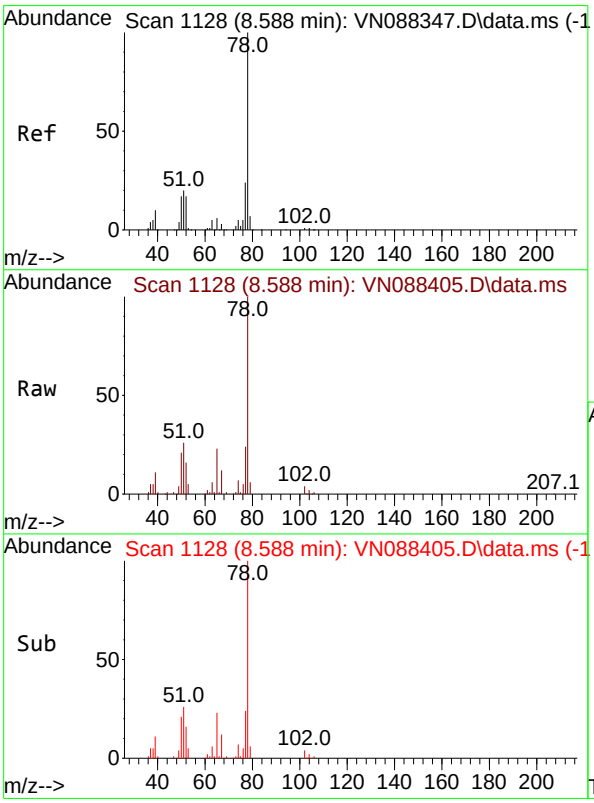
#39
Methylcyclohexane
Concen: 1.933 ug/l
RT: 9.577 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 8947

Ion	Ratio	Lower	Upper
83	100		
55	109.3	61.6	92.4#
98	52.2	35.3	52.9

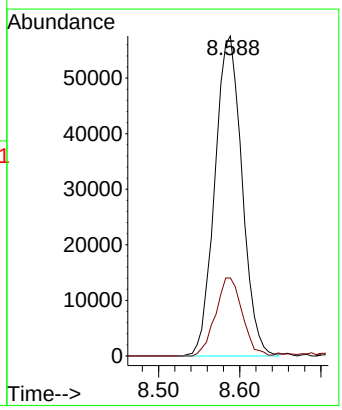


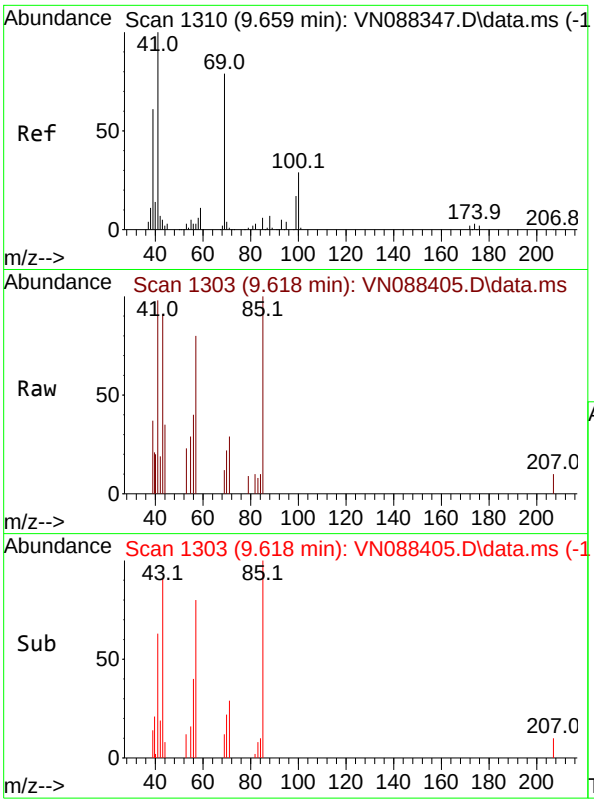


#40
Benzene
Concen: 10.547 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 78 Resp: 133961

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4



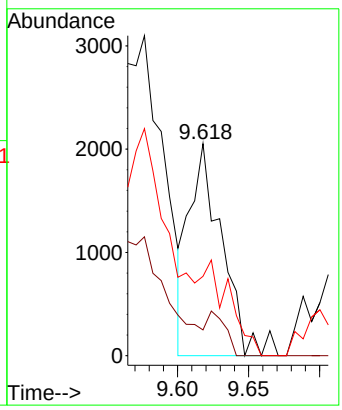


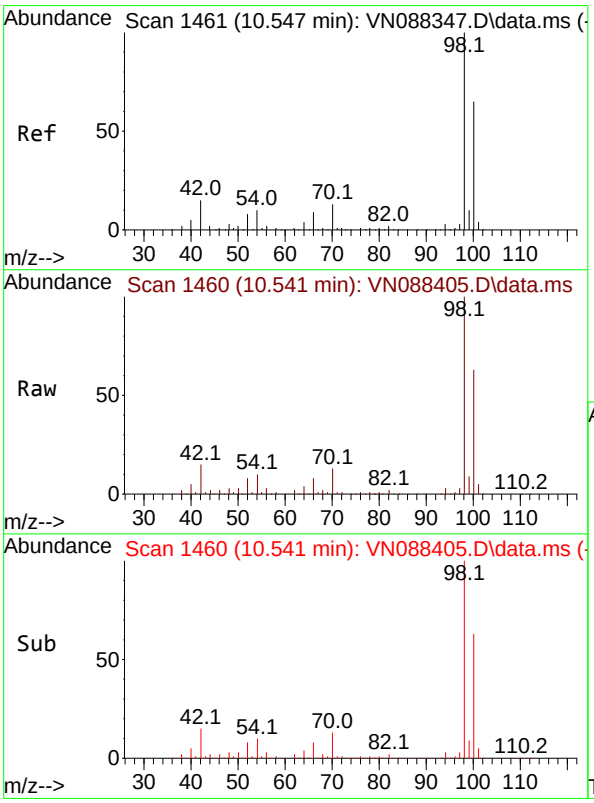
#48
Methyl methacrylate
Concen: 0.839 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 3328

Ion	Ratio	Lower	Upper
41	100		
69	11.0	62.4	93.6#
39	0.0	52.6	79.0#

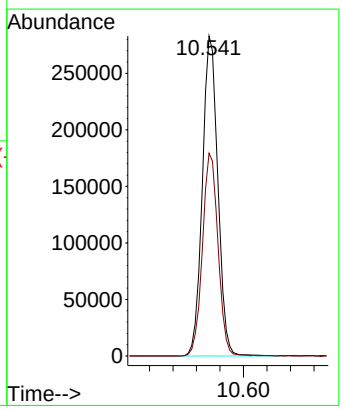


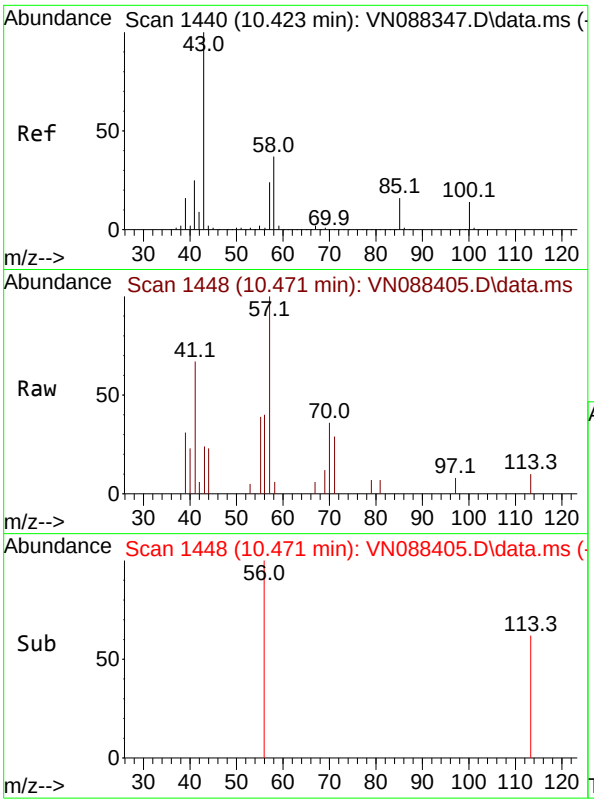


#50
Toluene-d8
Concen: 49.601 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 98 Resp: 517482

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.2



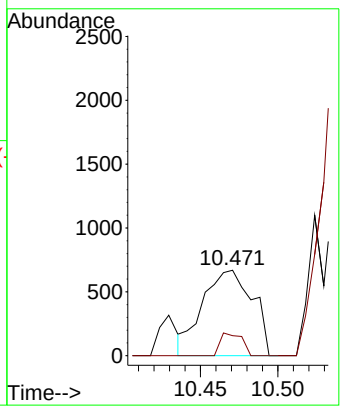


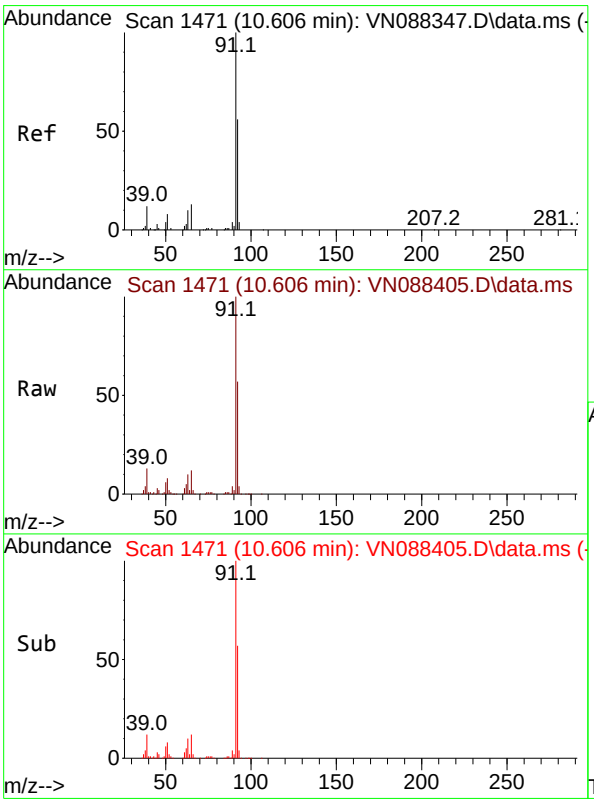
#51
4-Methyl-2-Pentanone
Concen: 0.293 ug/l
RT: 10.471 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1500

Ion	Ratio	Lower	Upper
43	100		
58	11.4	29.1	43.7#

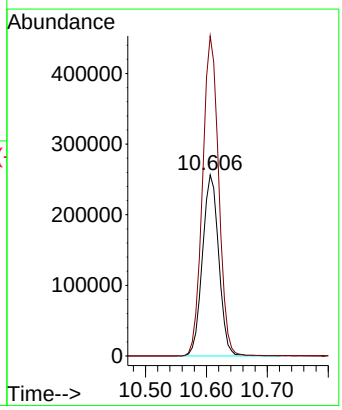


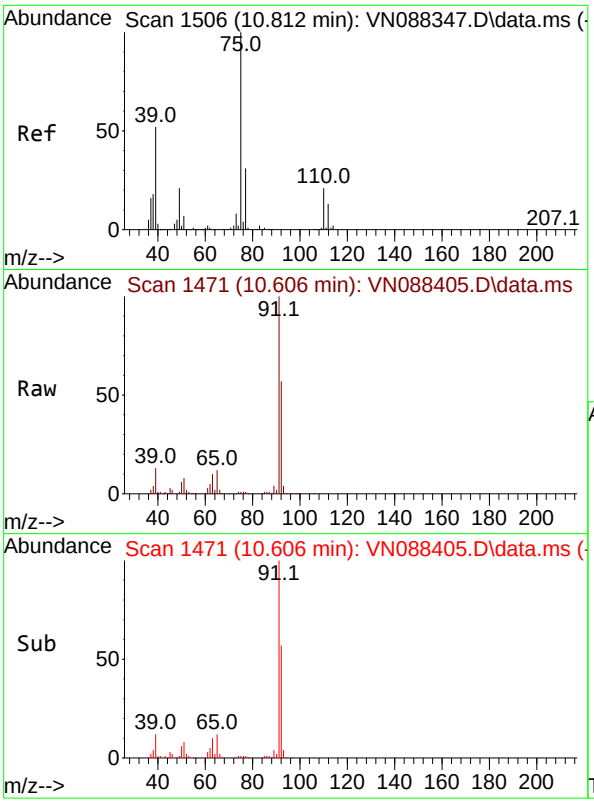


#52
Toluene
Concen: 64.933 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 92 Resp: 476203

Ion	Ratio	Lower	Upper
92	100		
91	175.3	140.2	210.2



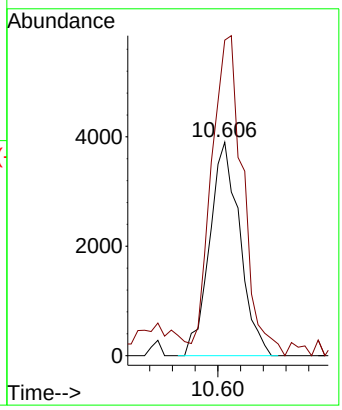


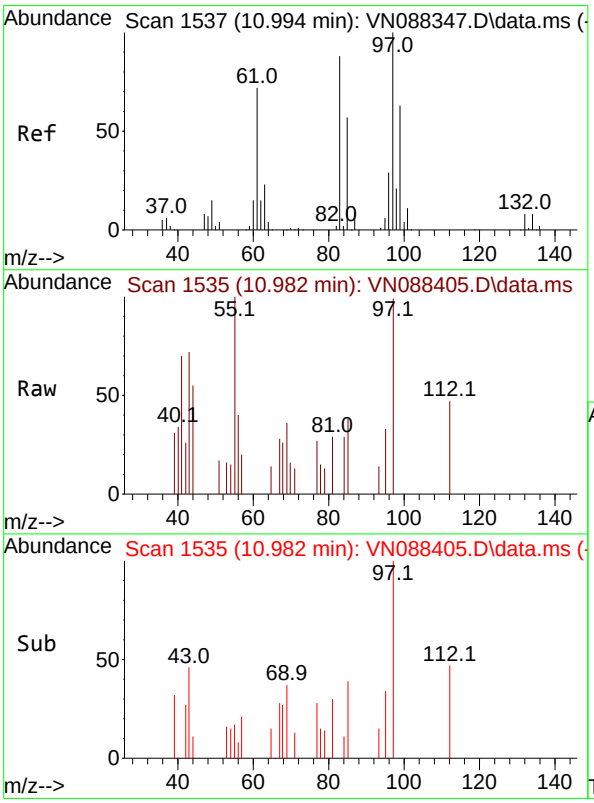
#53
t-1,3-Dichloropropene
Concen: 1.476 ug/l
RT: 10.606 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 7178

Ion	Ratio	Lower	Upper
75	100		
77	142.4	24.8	37.2#

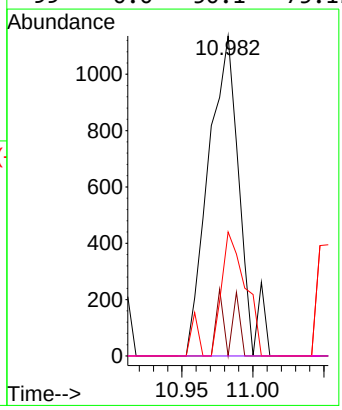


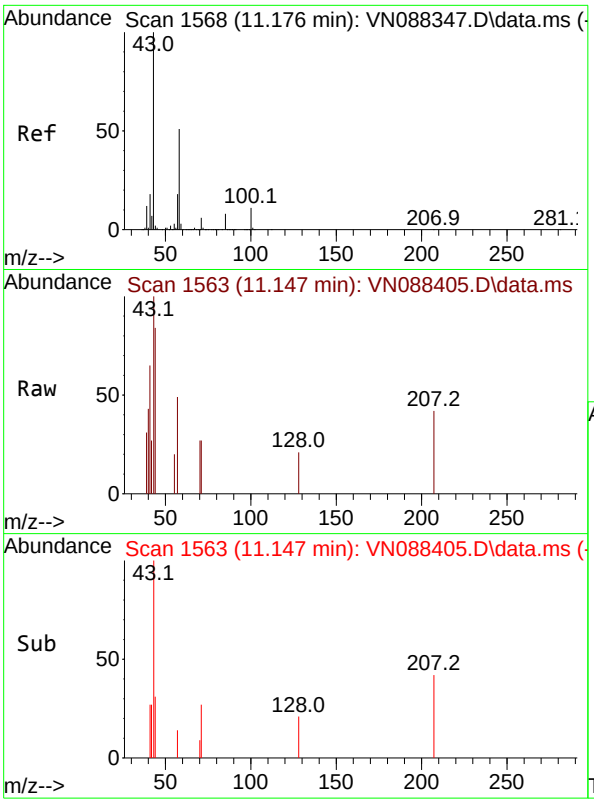


#55
1,1,2-Trichloroethane
Concen: 0.612 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 97 Resp: 1736

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.4	105.6#
85	38.7	45.4	68.2#
99	0.0	50.1	75.1#



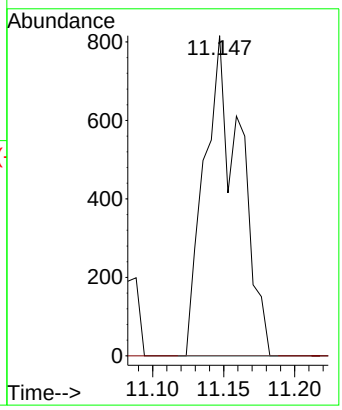


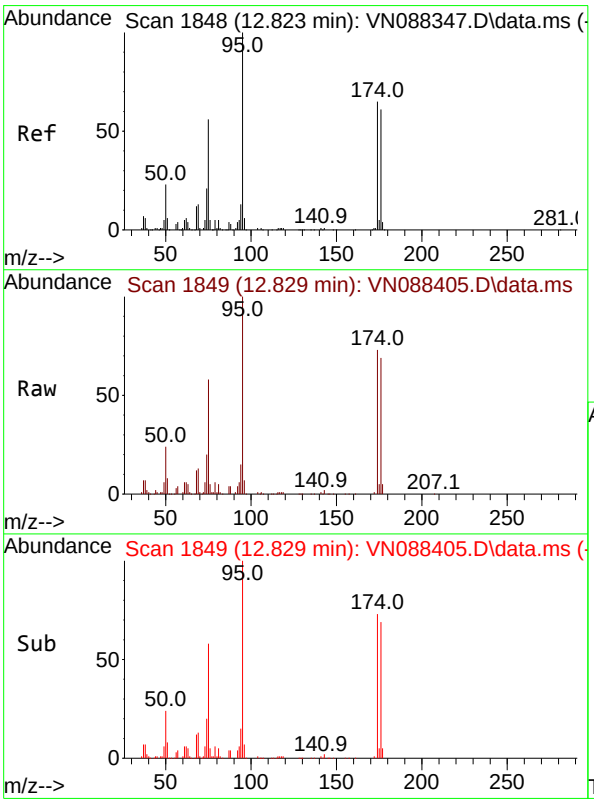
#59
2-Hexanone
Concen: 0.443 ug/l
RT: 11.147 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1431

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.3	75.9#

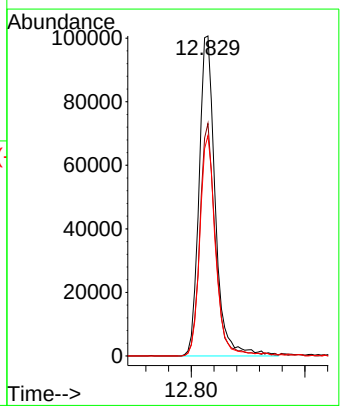


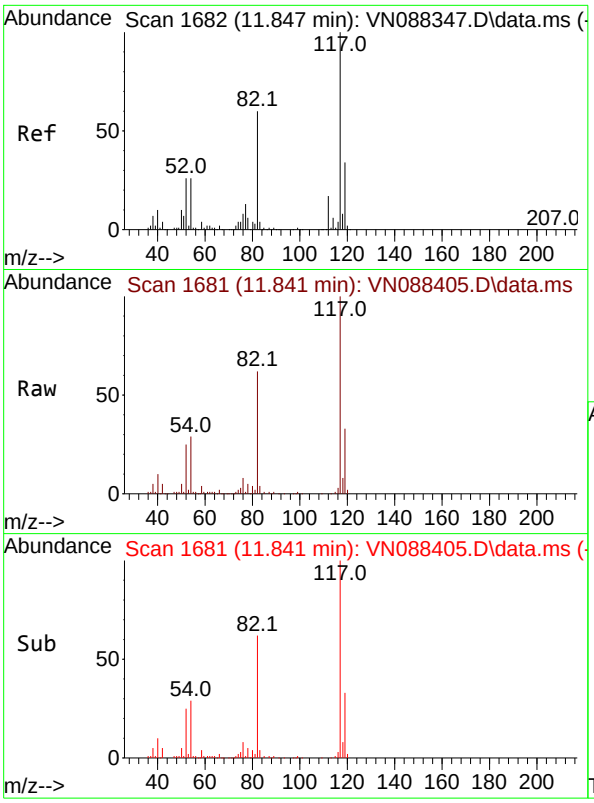


#62
4-Bromofluorobenzene
Concen: 55.685 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 95 Resp: 199337

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	139.0
176	66.3	0.0	132.4



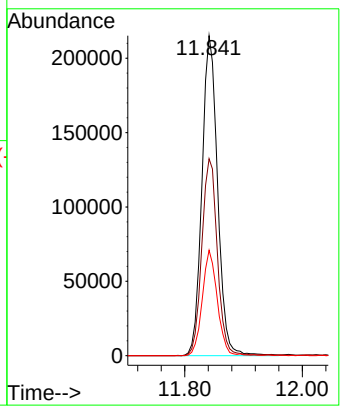


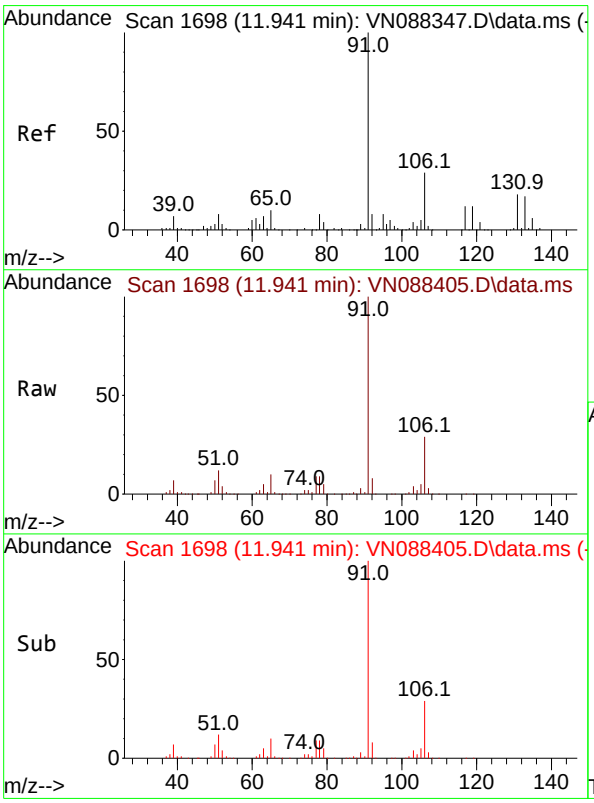
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 399064

Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.8	71.8
119	32.9	26.9	40.3

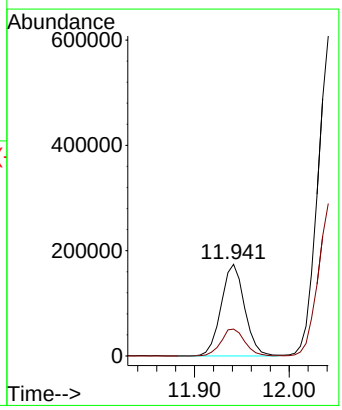


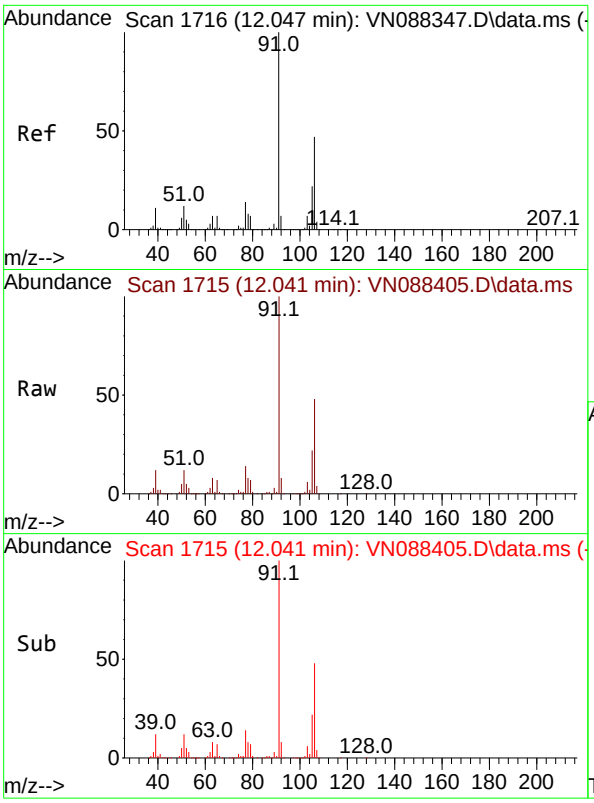


#67
Ethyl Benzene
Concen: 19.125 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 91 Resp: 299620

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.6	35.4



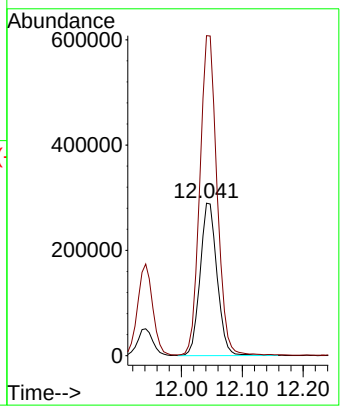


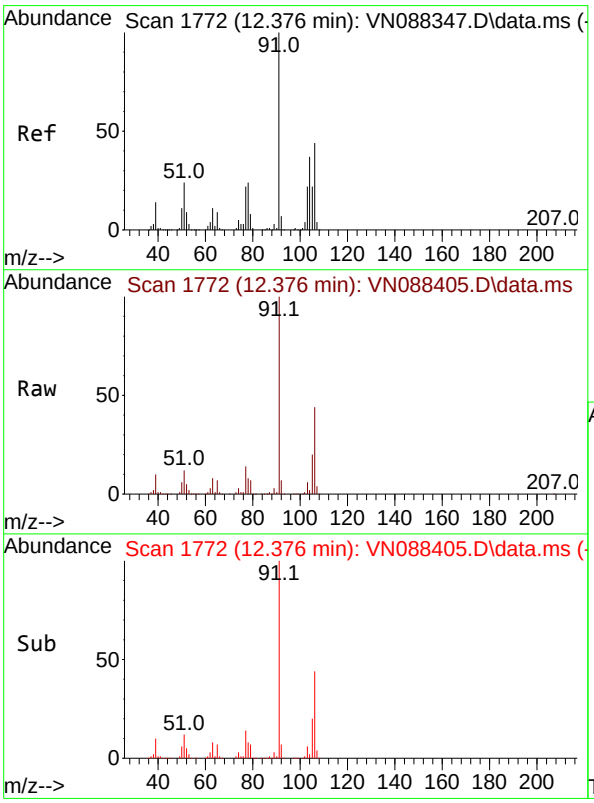
#68
m/p-Xylenes
Concen: 96.101 ug/l
RT: 12.041 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 558226

Ion	Ratio	Lower	Upper
106	100		
91	212.4	167.8	251.6

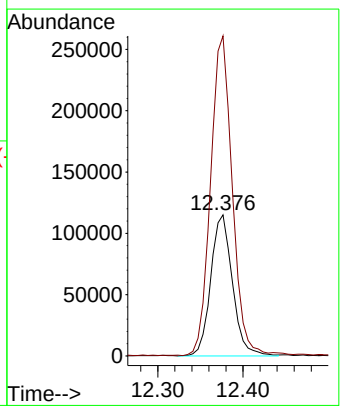


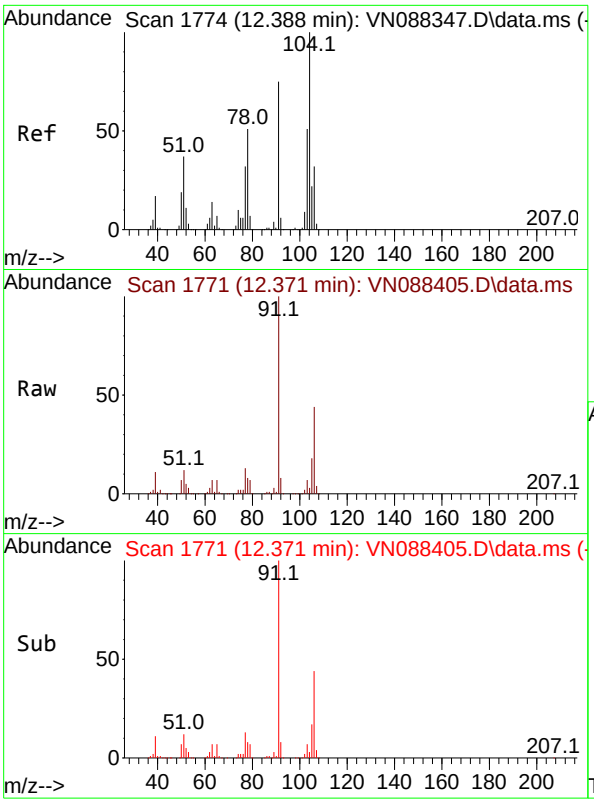


#69
o-Xylene
Concen: 36.757 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:106 Resp: 203557

Ion	Ratio	Lower	Upper
106	100		
91	226.1	112.9	338.7



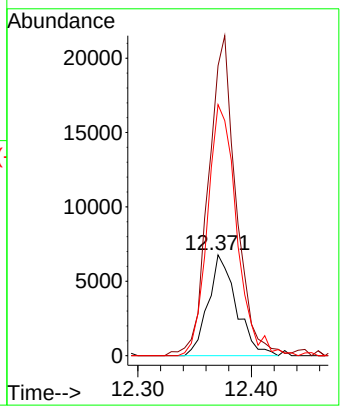


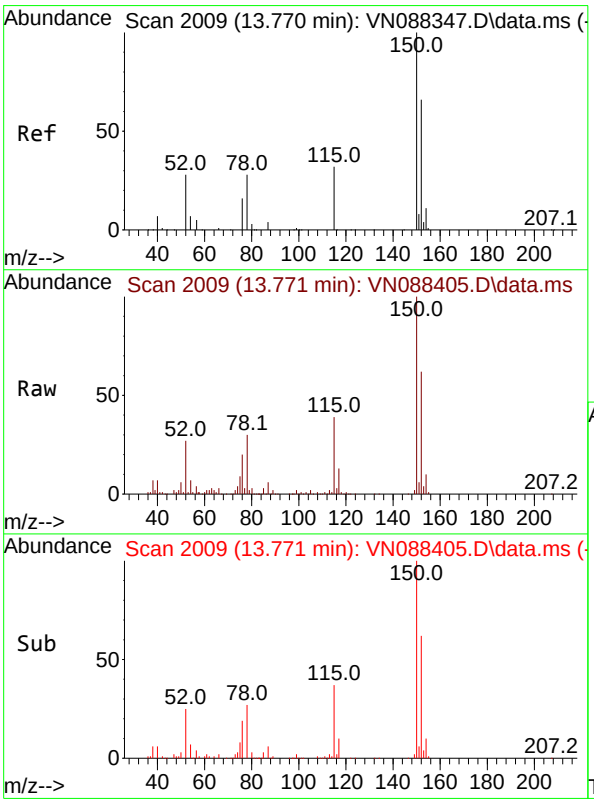
#70
Styrene
Concen: 1.299 ug/l
RT: 12.371 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:104 Resp: 11682

Ion	Ratio	Lower	Upper
104	100		
78	310.5	44.3	66.5#
103	258.9	44.2	66.4#

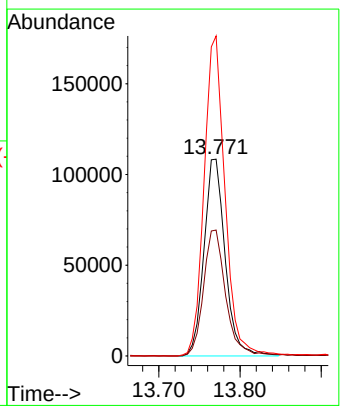


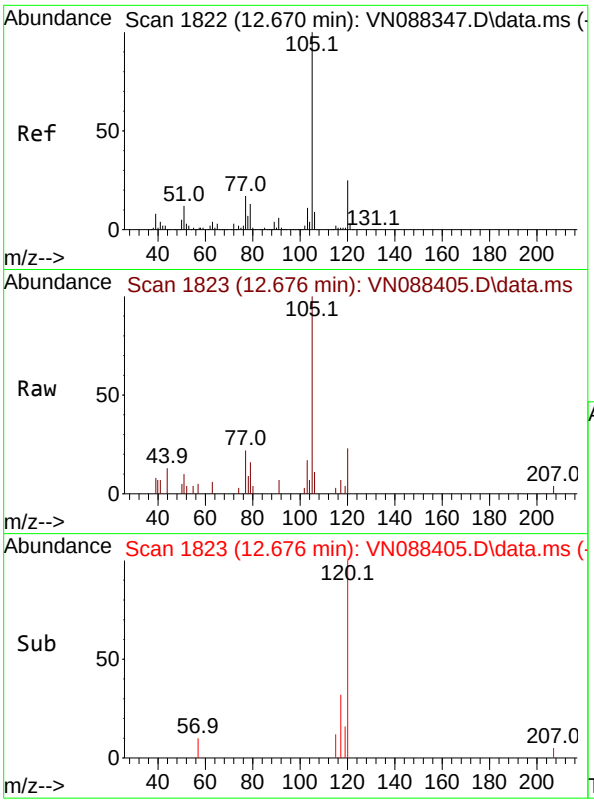


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:152 Resp: 196778

Ion	Ratio	Lower	Upper
152	100		
115	67.4	33.0	98.9
150	160.9	0.0	349.0



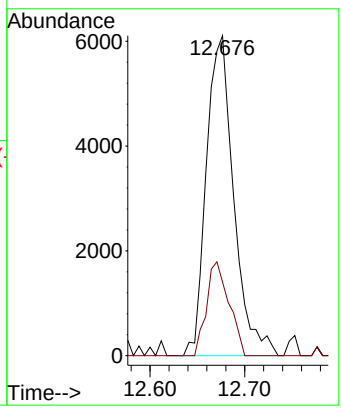


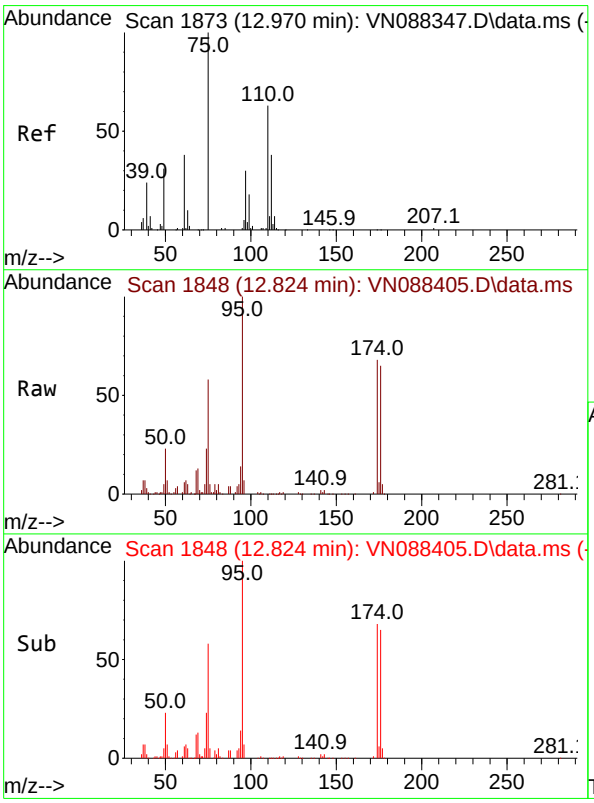
#73
Isopropylbenzene
Concen: 0.842 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 12257

Ion	Ratio	Lower	Upper
105	100		
120	24.0	12.8	38.3

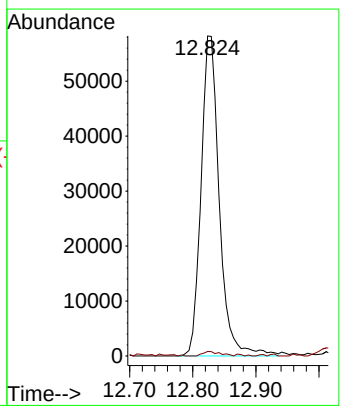


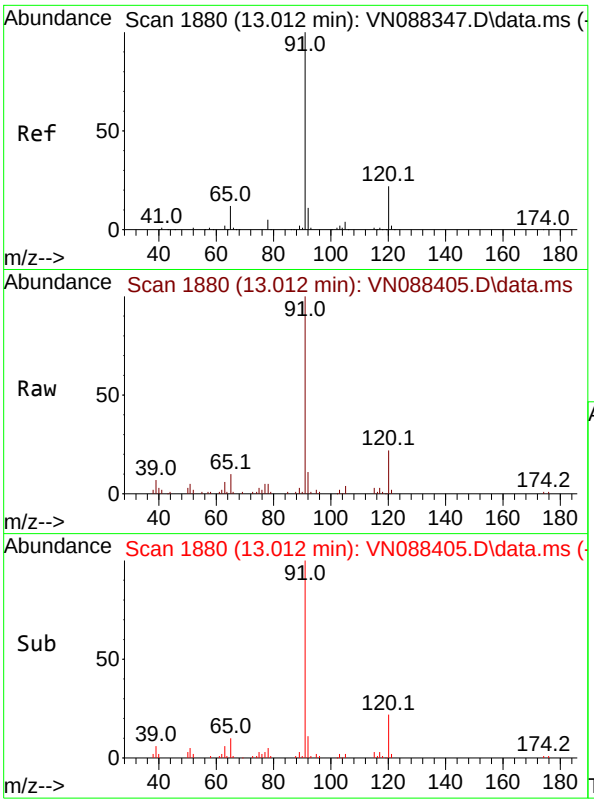


#76
1,2,3-Trichloropropane
Concen: 25.301 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. -0.147 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 75 Resp: 116608

Ion	Ratio	Lower	Upper
75	100		
77	1.3	87.2	261.6#



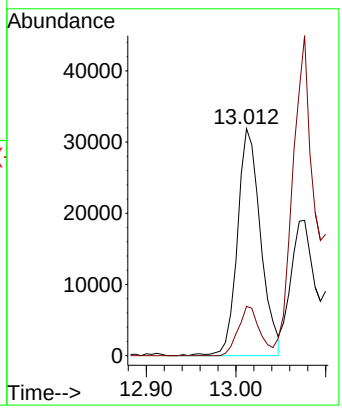


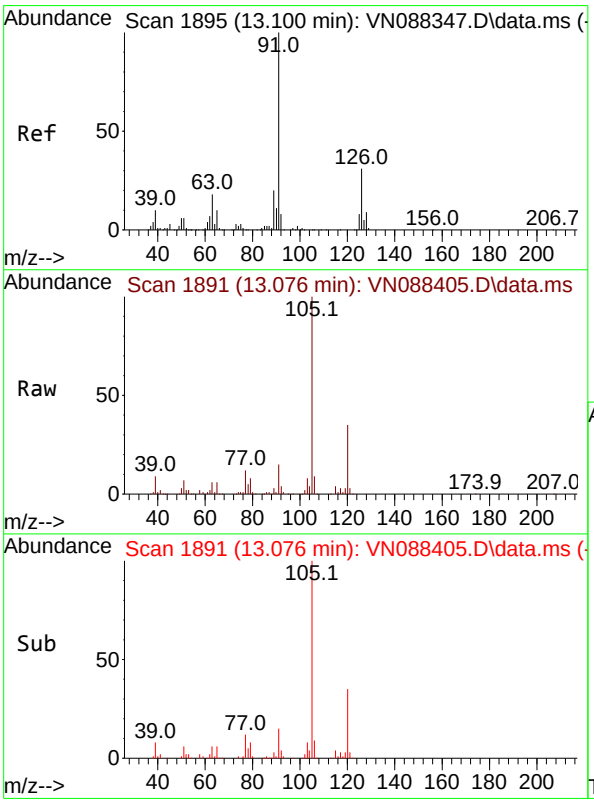
#78
n-propylbenzene
Concen: 3.210 ug/l
RT: 13.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 57132

Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.9	32.6

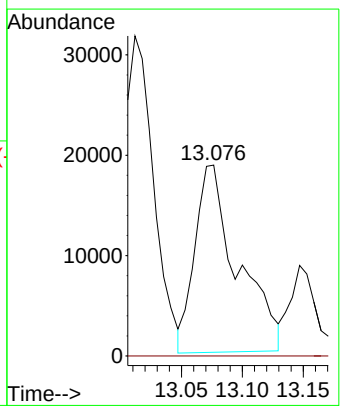


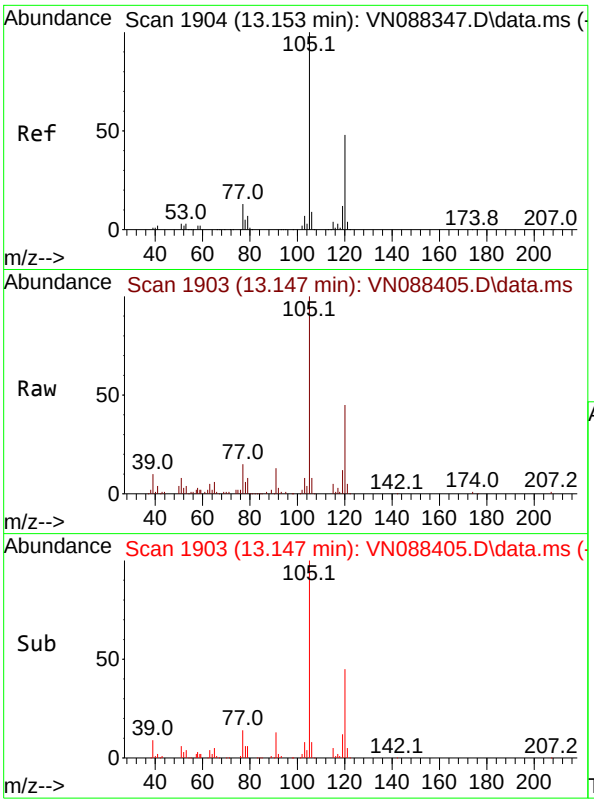


#79
2-Chlorotoluene
Concen: 4.206 ug/l
RT: 13.076 min Scan# 1891
Delta R.T. -0.023 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 91 Resp: 45720

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.3	45.9#



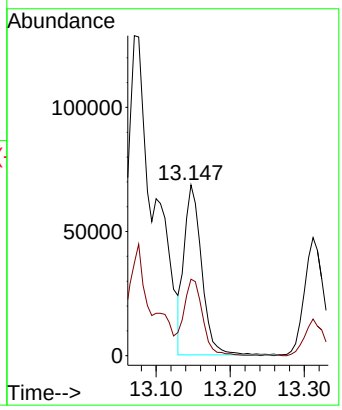


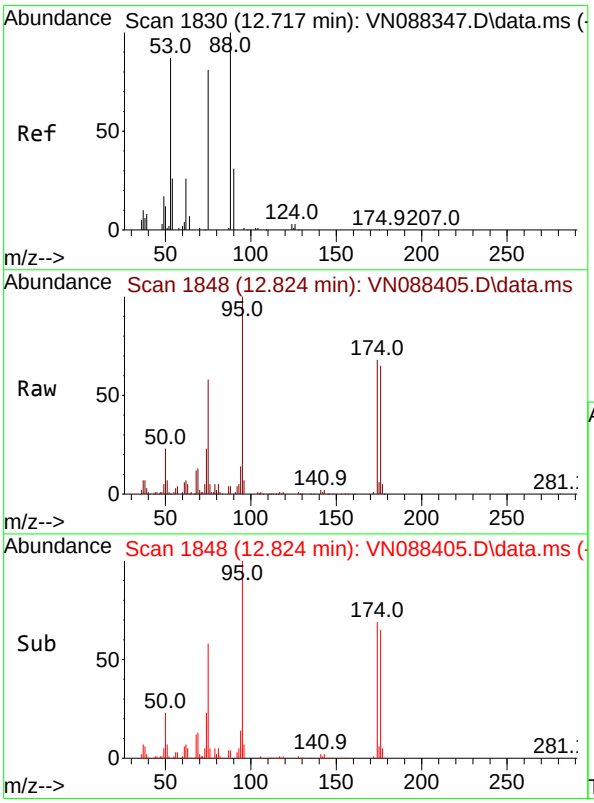
#80
1,3,5-Trimethylbenzene
Concen: 9.290 ug/l
RT: 13.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 112000

Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.8	71.5

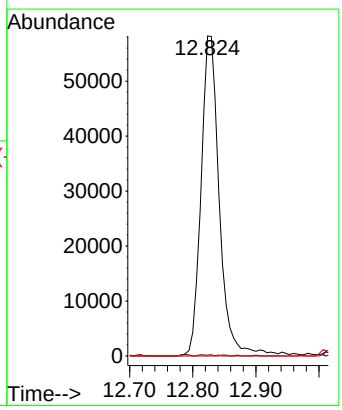


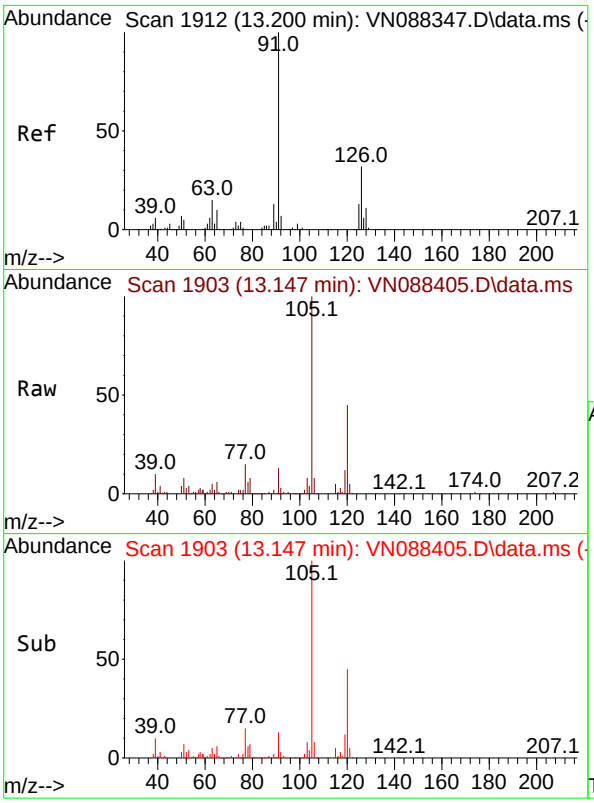


#81
trans-1,4-Dichloro-2-butene
Concen: 71.777 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.106 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 75 Resp: 116608

Ion	Ratio	Lower	Upper
75	100		
53	0.3	92.2	138.4#
89	0.0	0.0	0.0



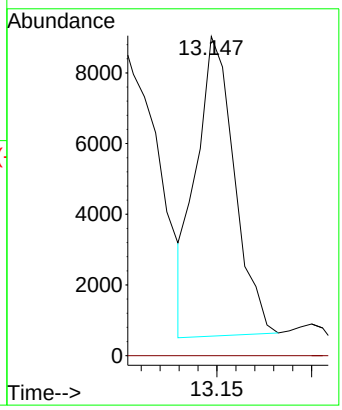


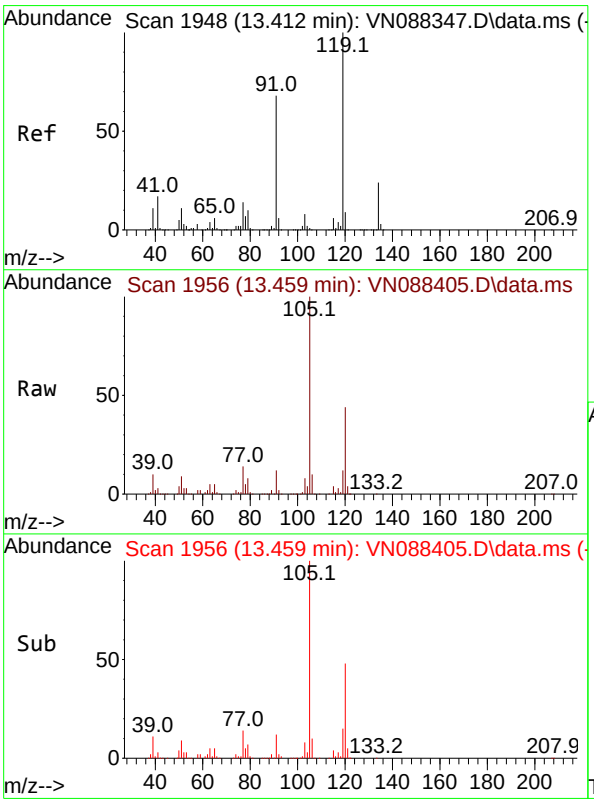
#82
4-Chlorotoluene
Concen: 1.098 ug/l
RT: 13.147 min Scan# 1
Delta R.T. -0.053 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 11852

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.7#

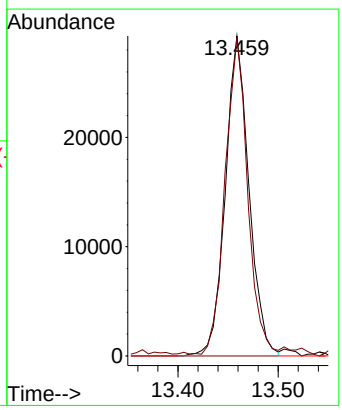


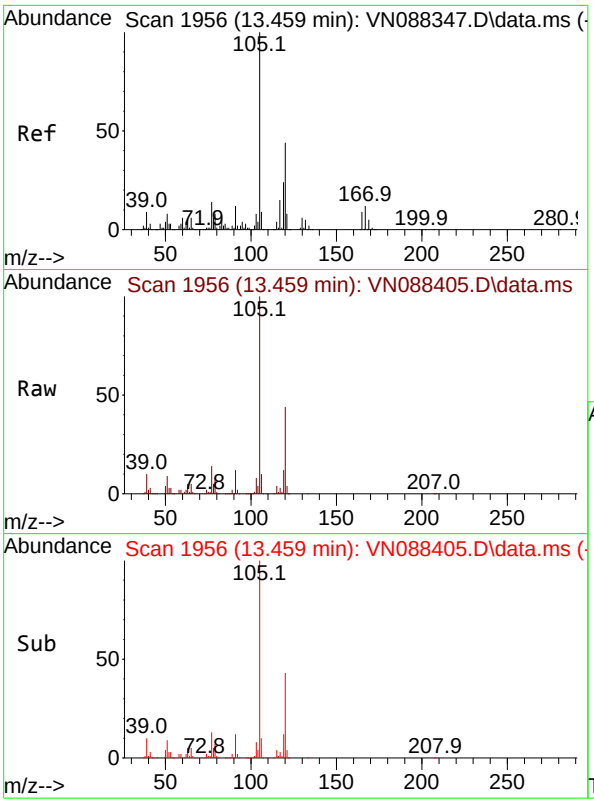


#83
tert-Butylbenzene
Concen: 4.677 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:119 Resp: 47935

Ion	Ratio	Lower	Upper
119	100		
91	93.7	35.1	105.3
134	0.0	12.8	38.4#



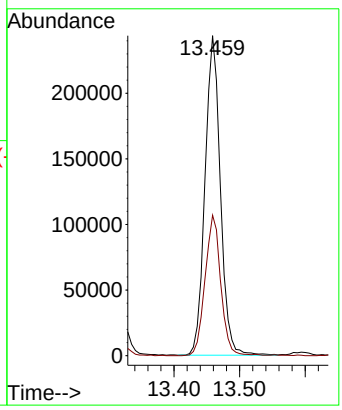


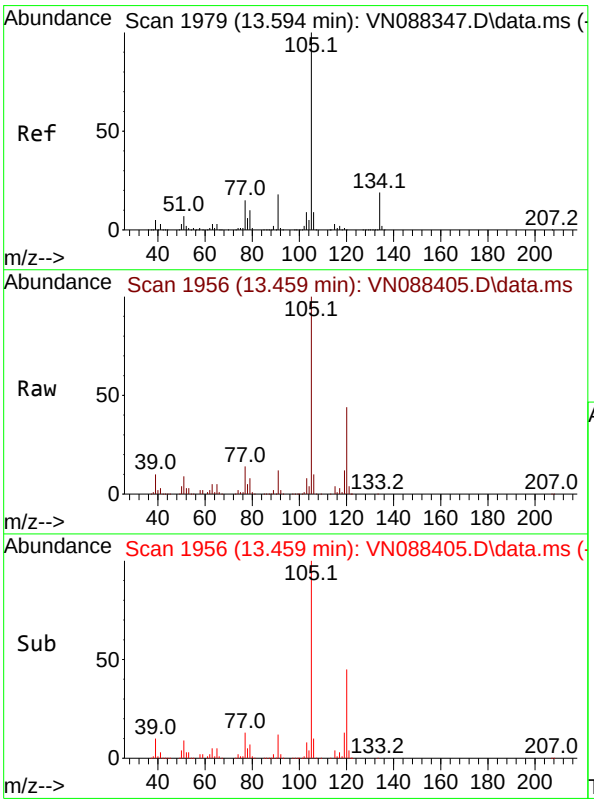
#84
1,2,4-Trimethylbenzene
Concen: 33.199 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 397842

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.1	66.1

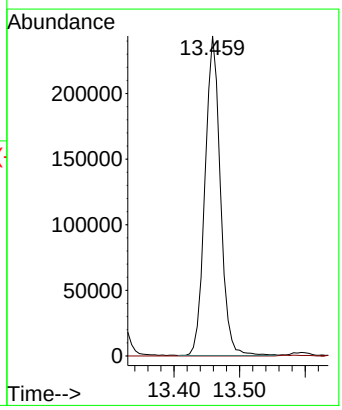


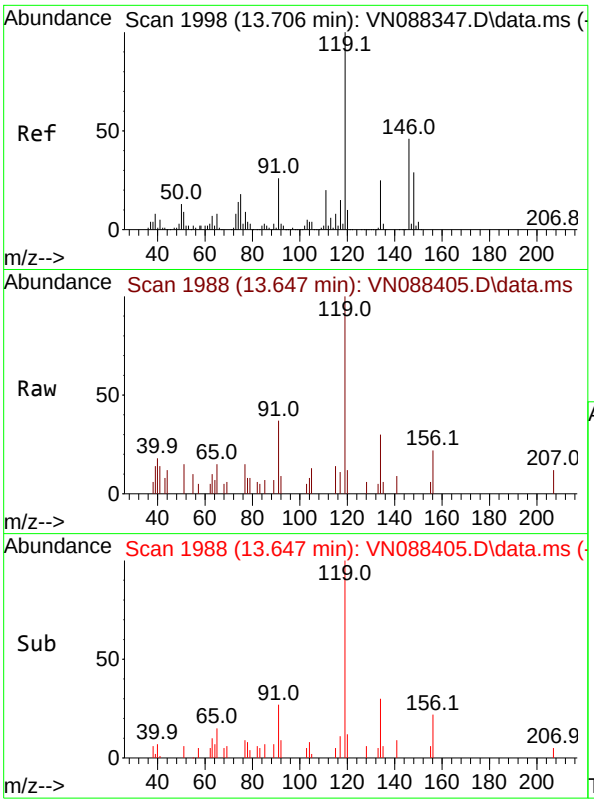


#85
sec-Butylbenzene
Concen: 27.021 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.135 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:105 Resp: 397842

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#



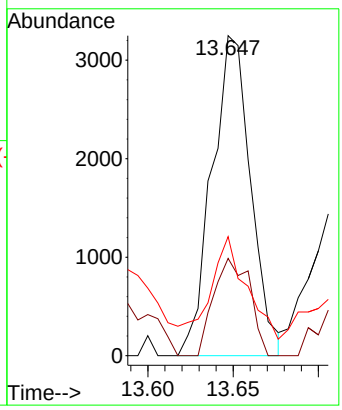


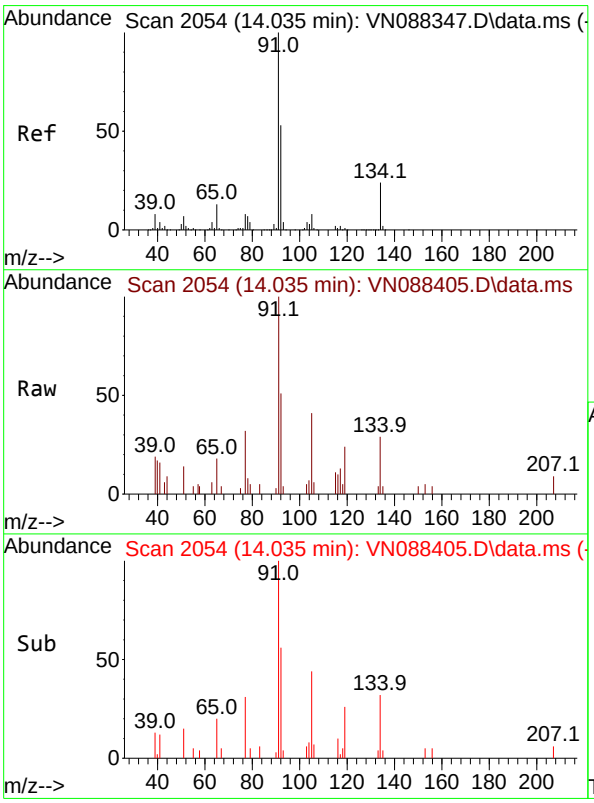
#86
p-Isopropyltoluene
Concen: 0.428 ug/l
RT: 13.647 min Scan# 1
Delta R.T. -0.059 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 5167

Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.2	36.6
91	31.4	13.0	39.0

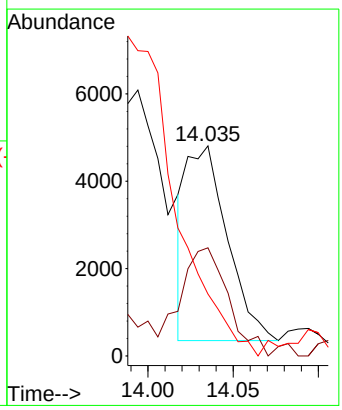


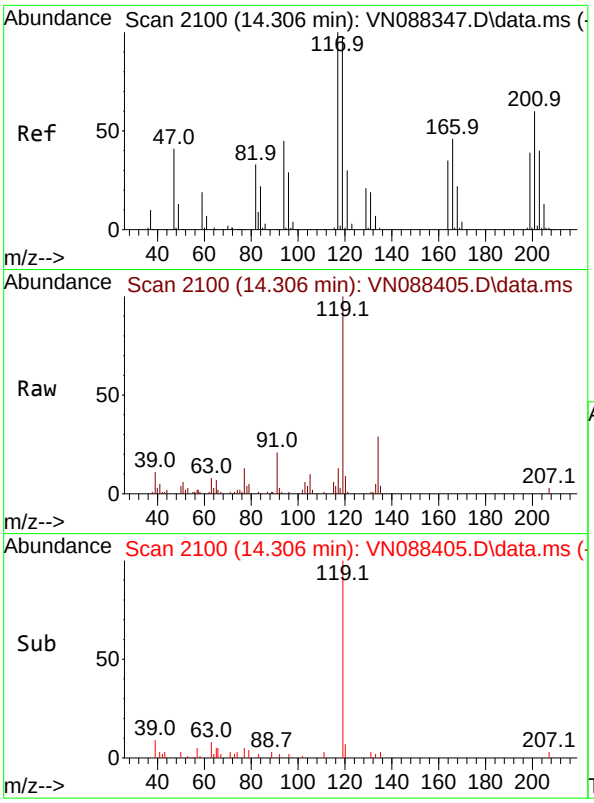


#89
n-Butylbenzene
Concen: 0.638 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 91 Resp: 7481

Ion	Ratio	Lower	Upper
91	100		
92	66.6	26.1	78.3
134	0.0	11.7	35.1#



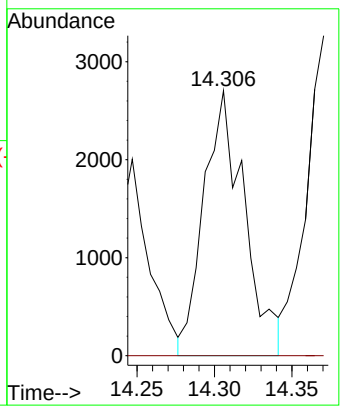


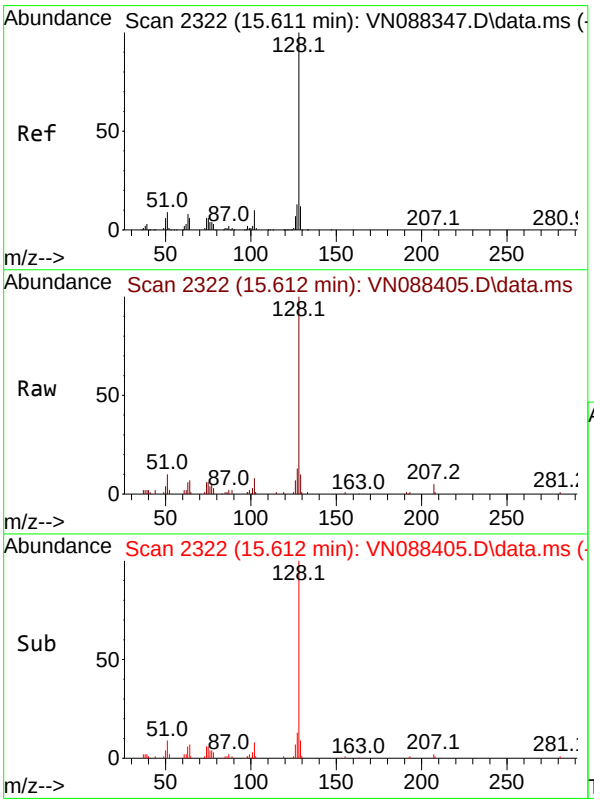
#90
Hexachloroethane
Concen: 2.220 ug/l
RT: 14.306 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 4897

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.3	90.9#





#95
Naphthalene
Concen: 6.149 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088405.D
Acq: 02 Dec 2025 13:16

Tgt Ion:128 Resp: 77210

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	10.5	9.0	13.6