Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
Data File : VN075363.D
Acq On : 22 Nov 2022 13:20
Operator : JC\MD
Sample : N5644-02
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
110222

Quant Time: Nov 23 07:07:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	445418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	751063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	670378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	307174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123020	51.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	8.165	113	148199	50.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	10.565	98	342970	51.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.847	95	248065	50.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.160%			
Target Compounds						Qvalue
6) Chloroethane	3.030	64	9861	2.437	ug/l #	57
11) Tert butyl alcohol	5.495	59	4795	4.777	ug/l #	72
18) Methyl Acetate	5.036	43	1973	Below Cal	#	68
20) Methylene Chloride	5.265	84	878	Below Cal	#	76
25) 2-Butanone	7.506	43	1154	0.371	ug/l #	43
31) Cyclohexane	8.224	56	8165	1.075	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	32944	5.120	ug/l #	49
38) Carbon Tetrachloride	8.224	117	45213	6.397	ug/l #	15
52) Toluene	10.630	92	416510	32.810	ug/l	99
53) t-1,3-Dichloropropene	10.630	75	4747	0.688	ug/l #	1
67) Ethyl Benzene	11.971	91	14621	0.619	ug/l	93
68) m/p-Xylenes	12.071	106	25776	2.687	ug/l	97
69) o-Xylene	12.394	106	5523	0.580	ug/l	88
76) 1,2,3-Trichloropropane	12.853	75	125059	21.533	ug/l #	1
78) n-propylbenzene	13.035	91	18240	0.728	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	16944	0.909	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.853	75	125059	63.710	ug/l #	10
83) tert-Butylbenzene	13.482	119	7886	0.464	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	63428	3.391	ug/l	98
89) n-Butylbenzene	14.059	91	8714	0.532	ug/l #	83
90) Hexachloroethane	14.329	117	2363	0.706	ug/l #	19
95) Naphthalene	15.641	128	26535	1.609	ug/l	98

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

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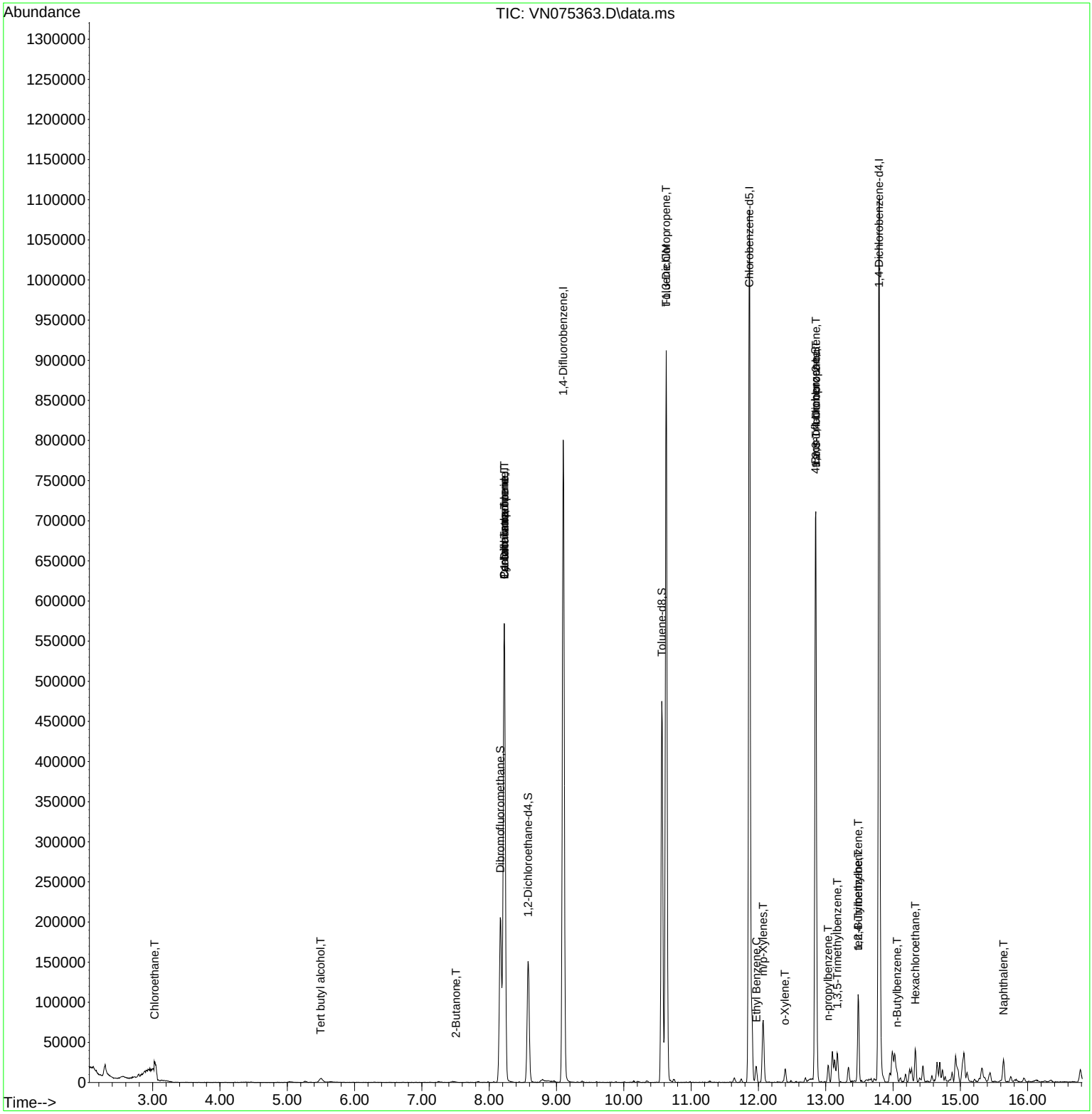
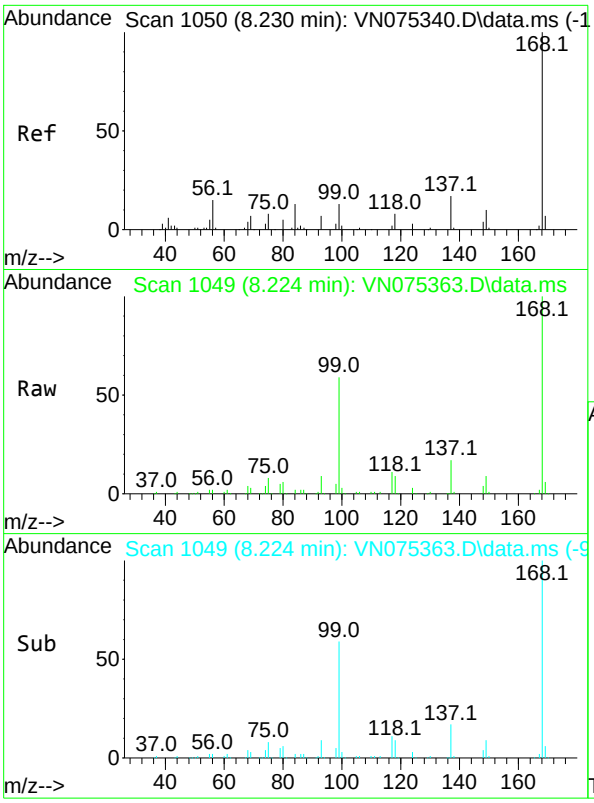


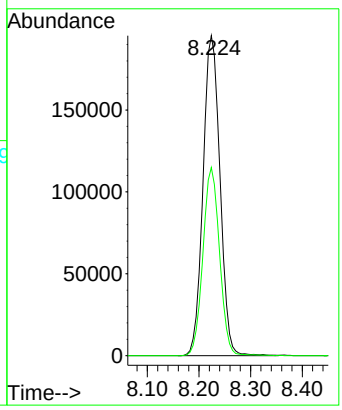


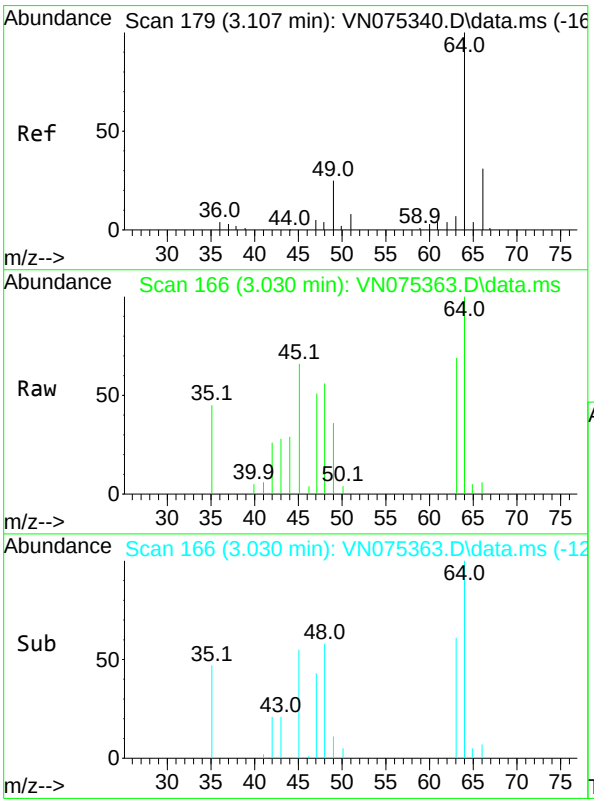
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:168 Resp: 445418

Ion	Ratio	Lower	Upper
168	100		
99	58.8	51.6	77.4

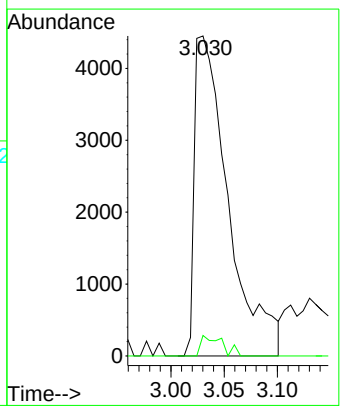


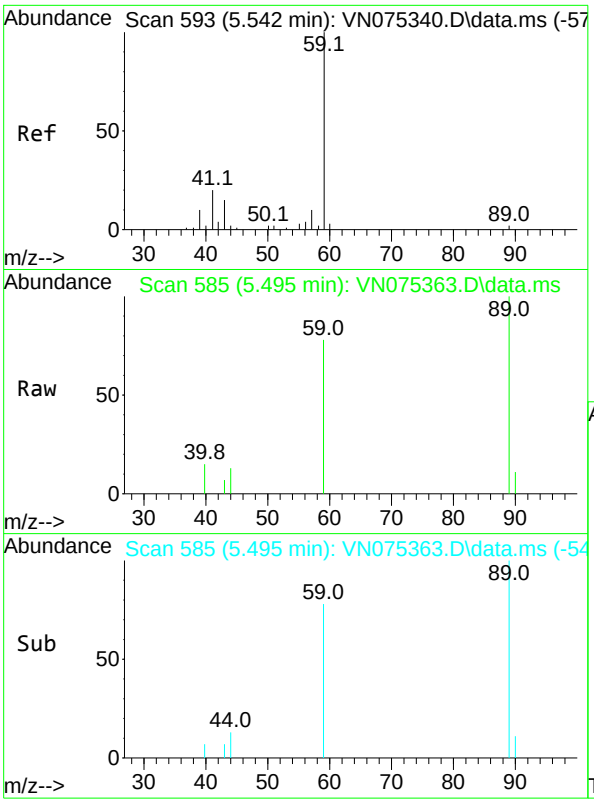


#6
Chloroethane
Concen: 2.437 ug/l
RT: 3.030 min Scan# 166
Delta R.T. -0.077 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 64 Resp: 9861

Ion	Ratio	Lower	Upper
64	100		
66	6.4	23.8	35.8#



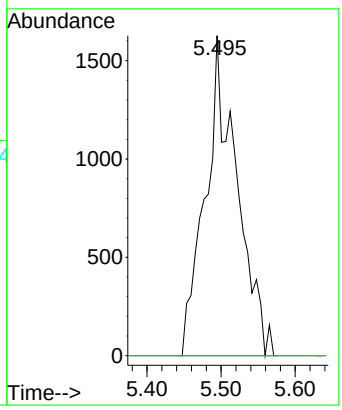


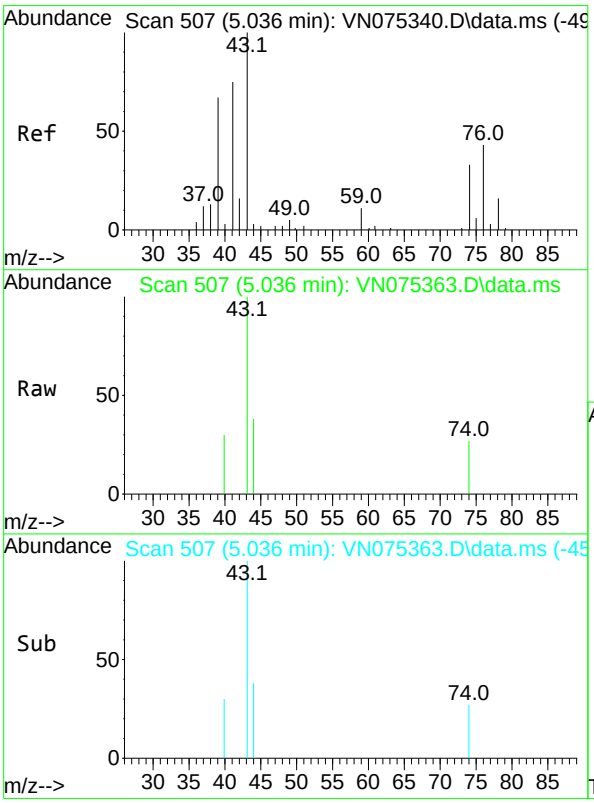
#11
Tert butyl alcohol
Concen: 4.777 ug/l
RT: 5.495 min Scan# 5
Delta R.T. -0.047 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 59 Resp: 4795

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

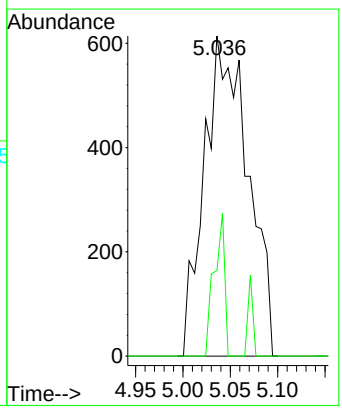


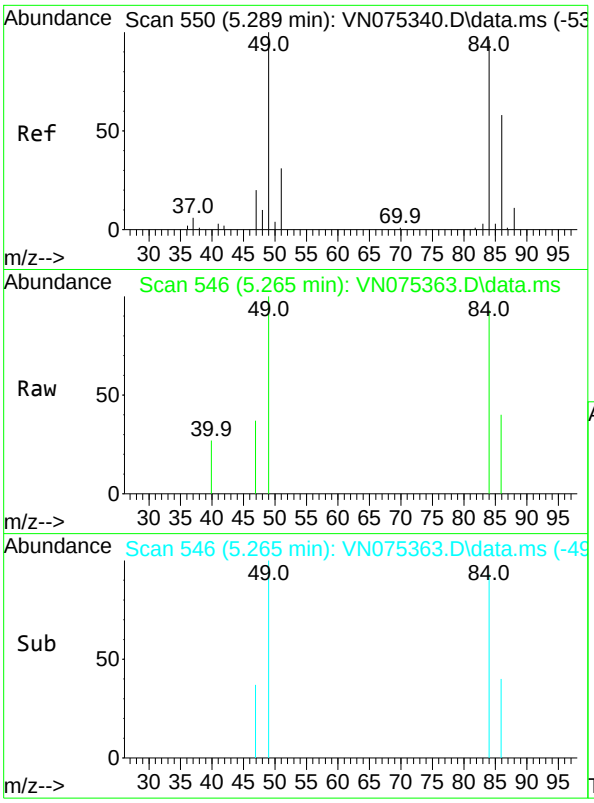


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 43 Resp: 1973

Ion	Ratio	Lower	Upper
43	100		
74	10.6	22.0	33.0#



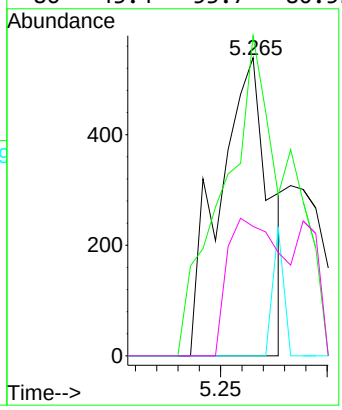


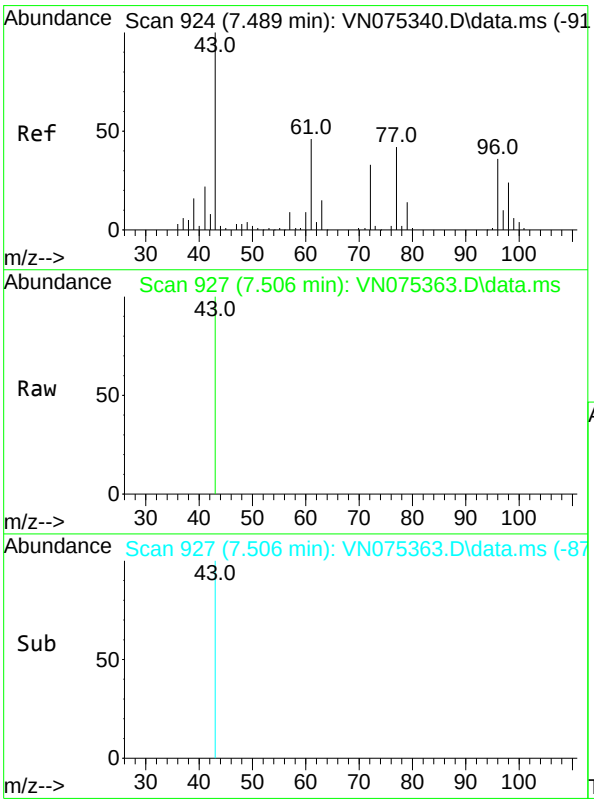
#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 54
Delta R.T. -0.024 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 84 Resp: 878

Ion	Ratio	Lower	Upper
84	100		
49	107.4	94.9	142.3
51	0.0	26.8	40.2#
86	43.4	53.7	80.5#

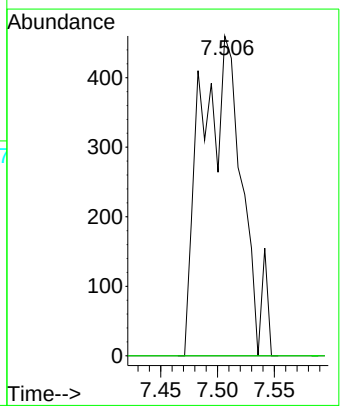


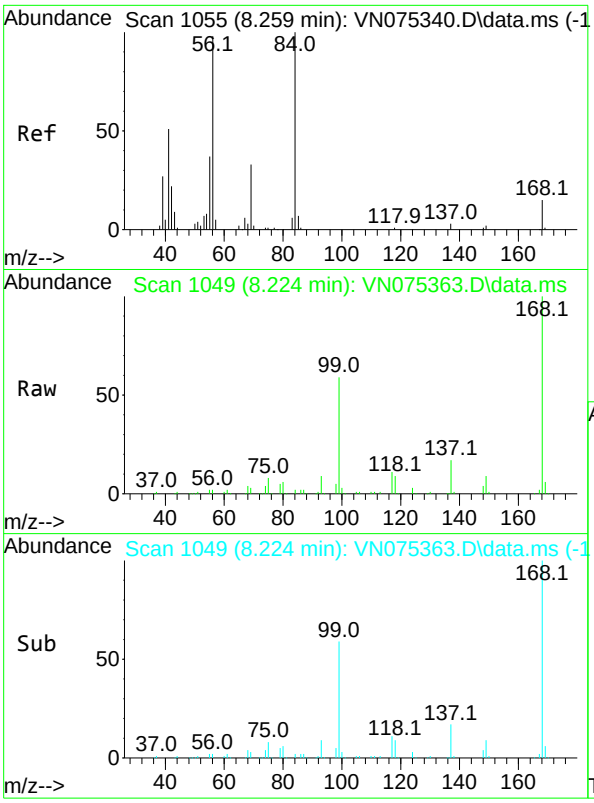


#25
2-Butanone
Concen: 0.371 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.017 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 43 Resp: 1154

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#



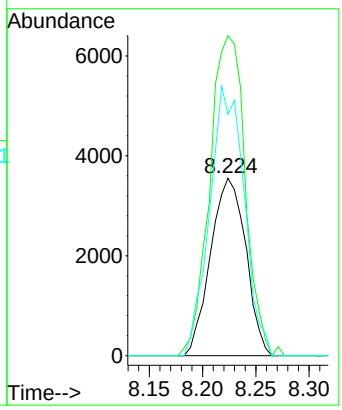


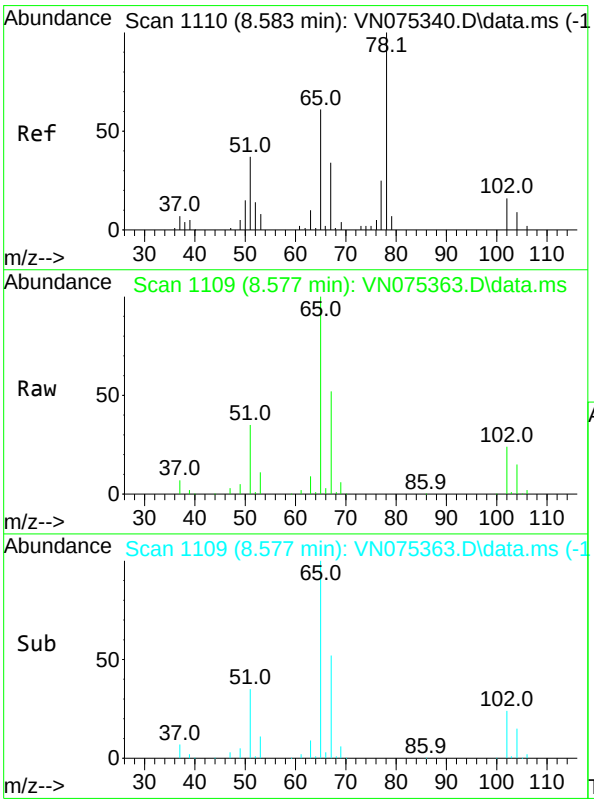
#31
Cyclohexane
Concen: 1.075 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 56 Resp: 8165

Ion	Ratio	Lower	Upper
56	100		
69	180.3	25.2	37.8#
84	136.1	77.8	116.8#

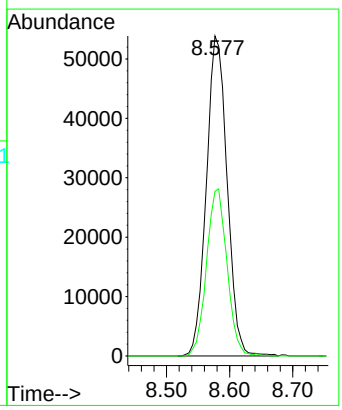


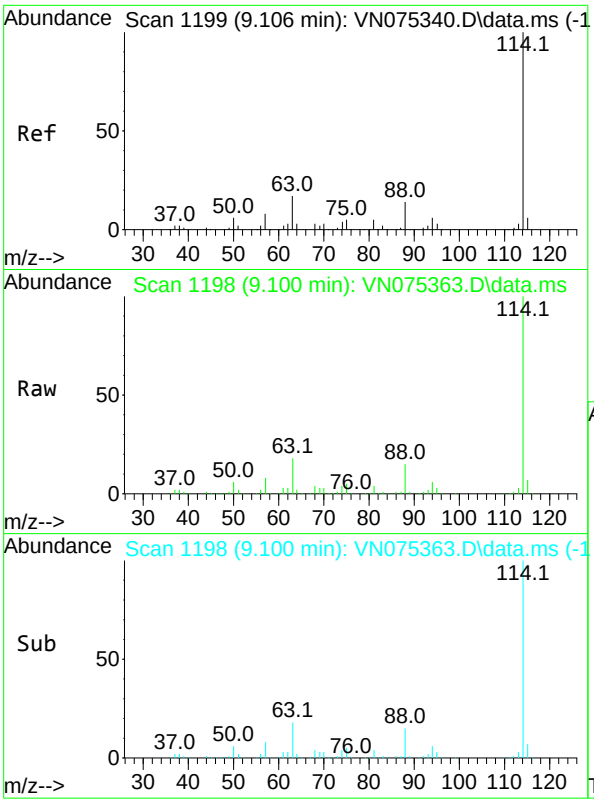


#33
1,2-Dichloroethane-d4
Concen: 51.453 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 65 Resp: 123020

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.0



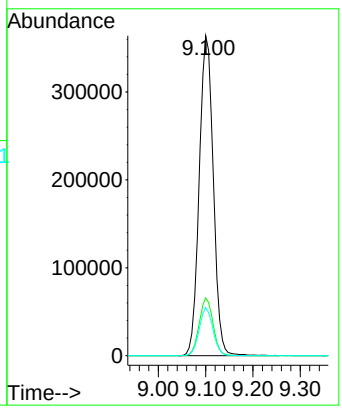


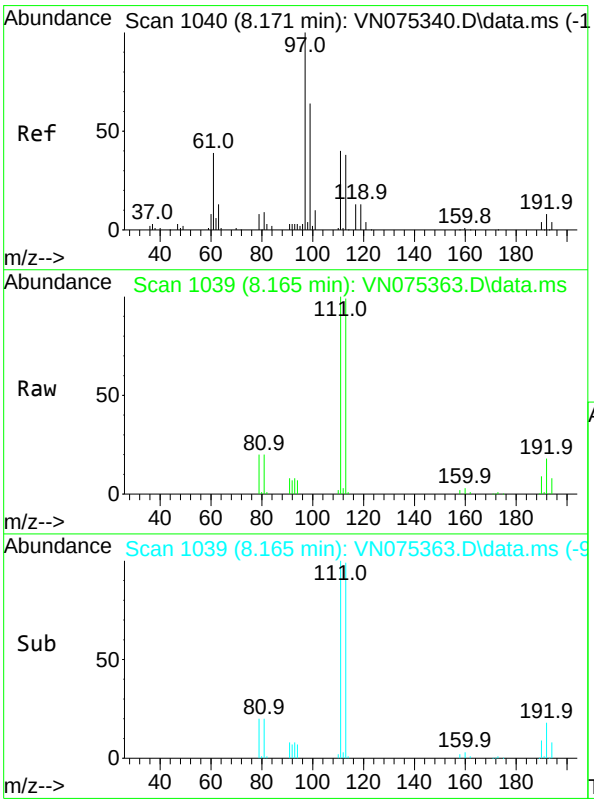
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:114 Resp: 751063

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	39.6
88	15.0	0.0	29.0

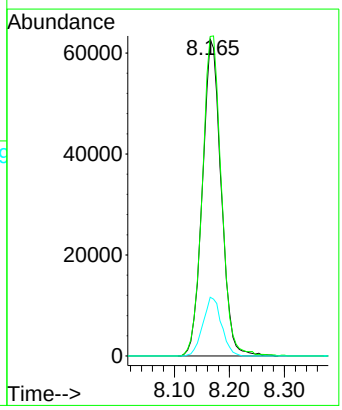


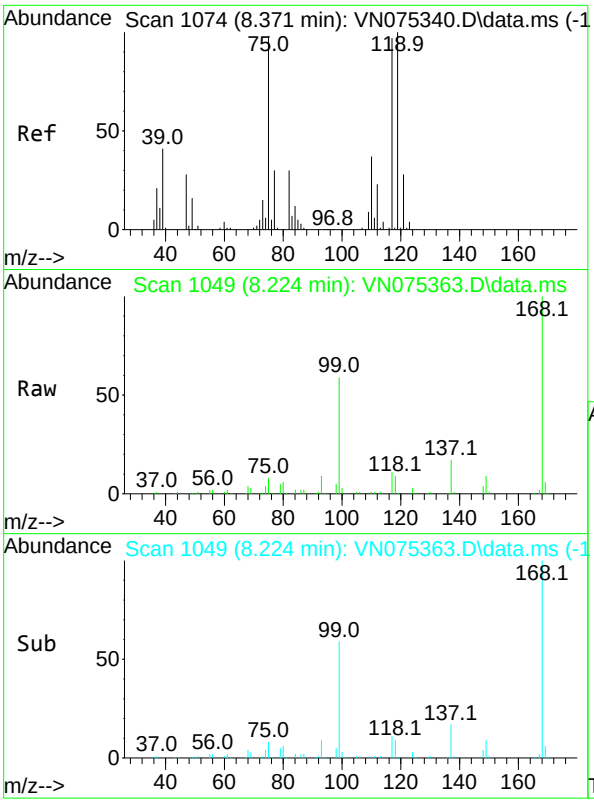


#35
Dibromofluoromethane
Concen: 50.230 ug/l
RT: 8.165 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion:113 Resp: 148199

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	18.4	13.2	19.8



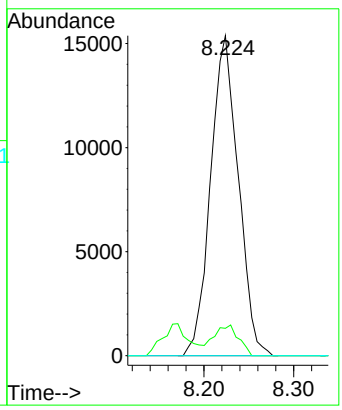


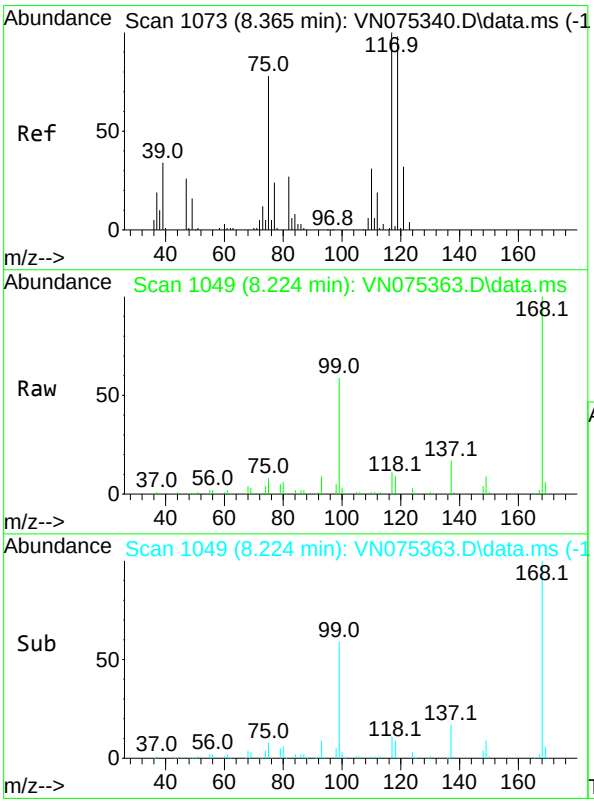
#36
1,1-Dichloropropene
Concen: 5.120 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 75 Resp: 32944

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.8	53.3#
77	0.0	24.6	37.0#

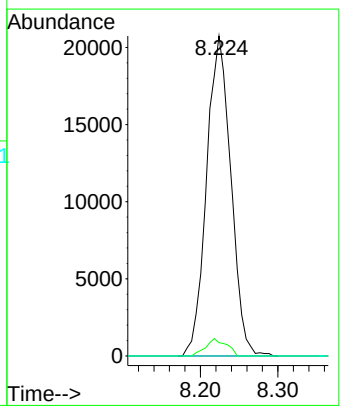


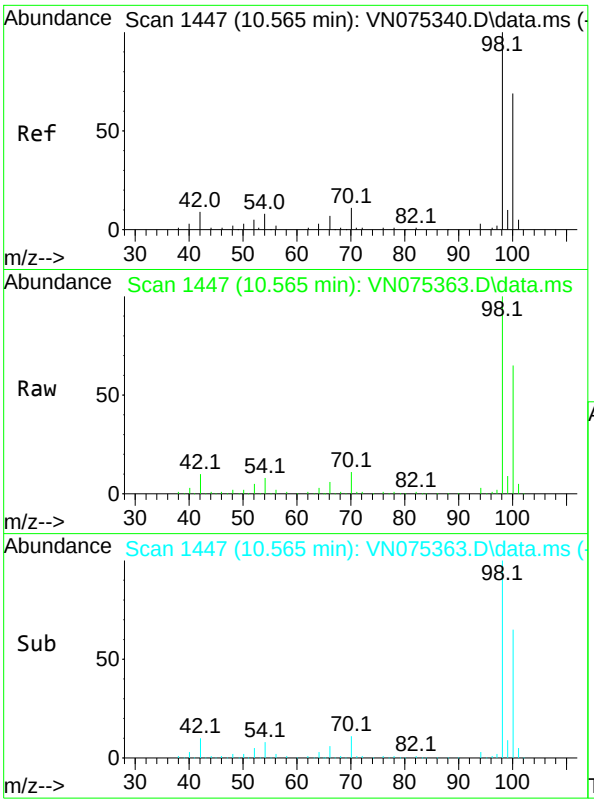


#38
Carbon Tetrachloride
Concen: 6.397 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion:117 Resp: 45213

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.7	115.1#
121	0.0	23.9	35.9#



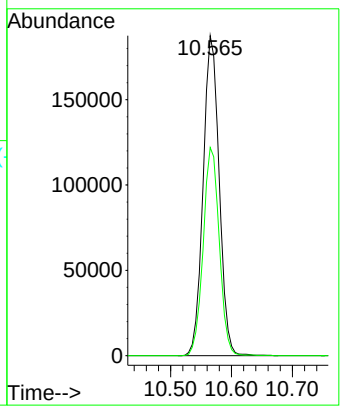


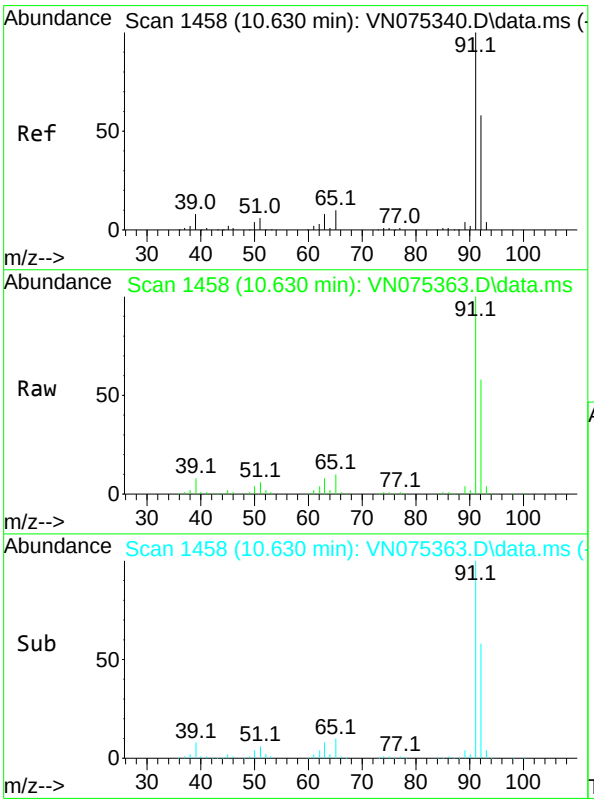
#50
Toluene-d8
Concen: 51.612 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 98 Resp: 342970

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.6

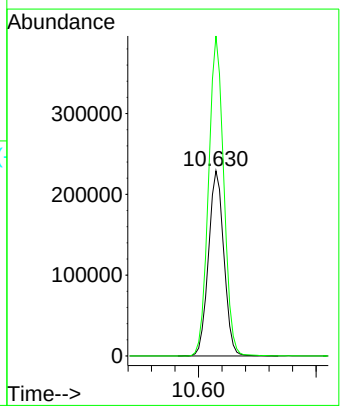


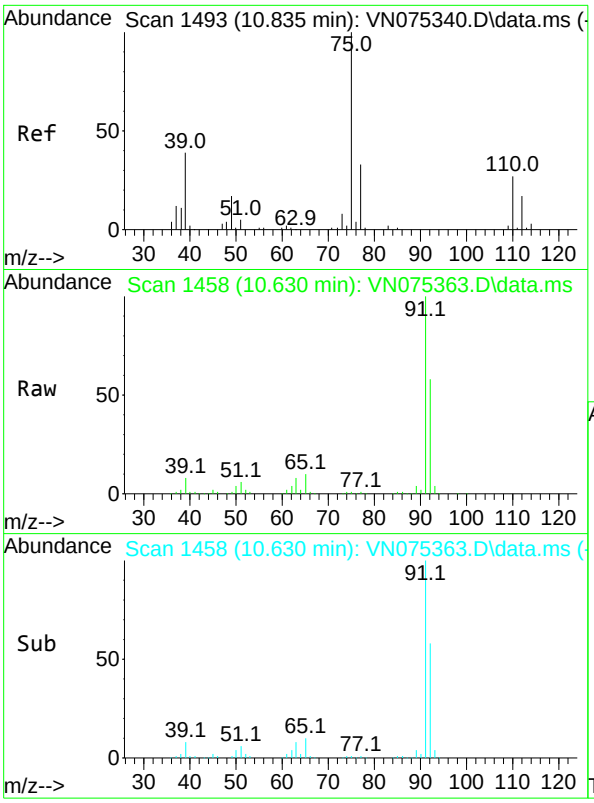


#52
Toluene
Concen: 32.810 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 92 Resp: 416510

Ion	Ratio	Lower	Upper
92	100		
91	170.9	135.4	203.2



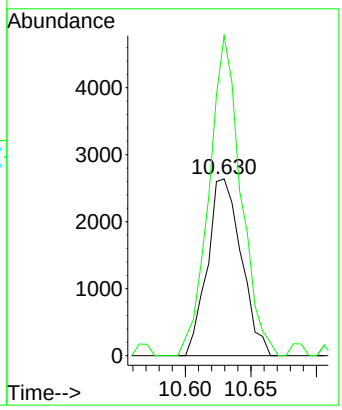


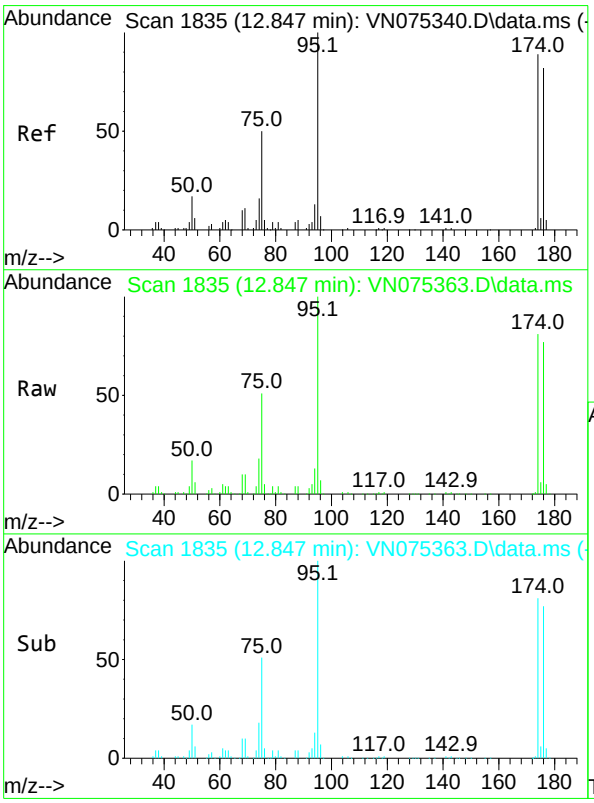
#53
t-1,3-Dichloropropene
Concen: 0.688 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.205 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 75 Resp: 4747

Ion	Ratio	Lower	Upper
75	100		
77	180.9	25.4	38.2#

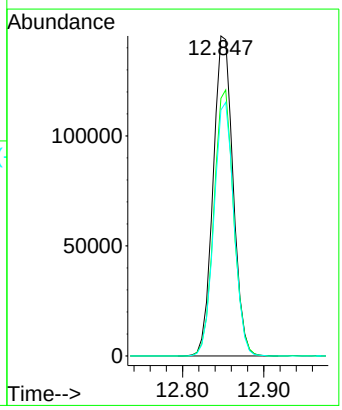


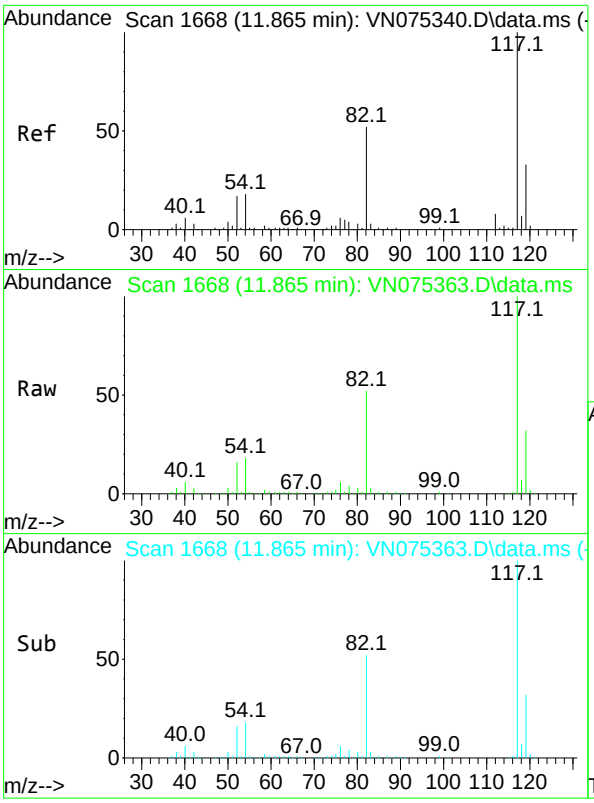


#62
4-Bromofluorobenzene
Concen: 50.575 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 95 Resp: 248065

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	147.4
176	79.3	0.0	142.2



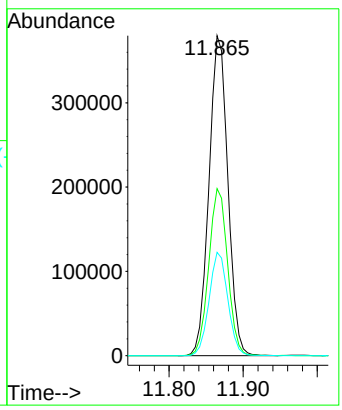


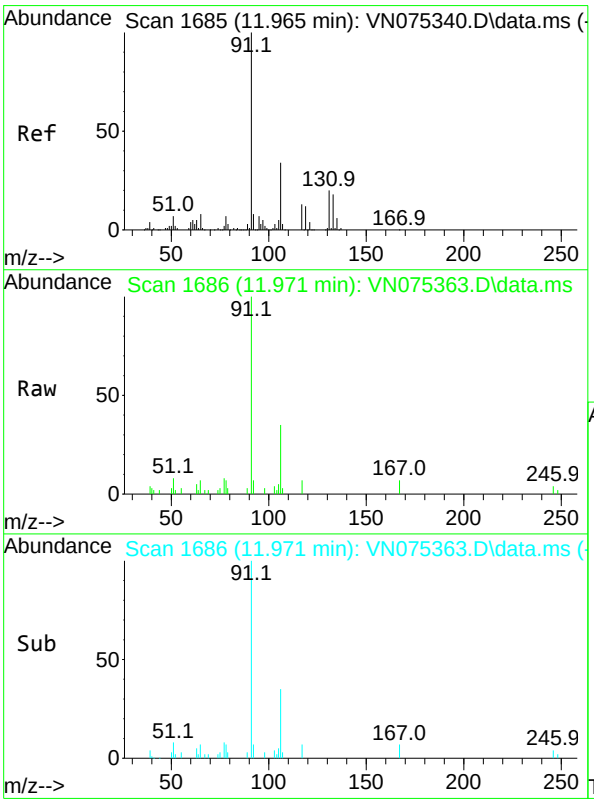
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:117 Resp: 670378

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.1	64.7
119	32.3	25.5	38.3

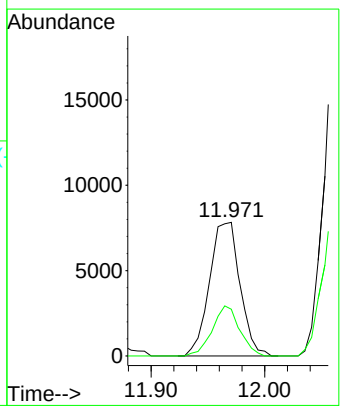


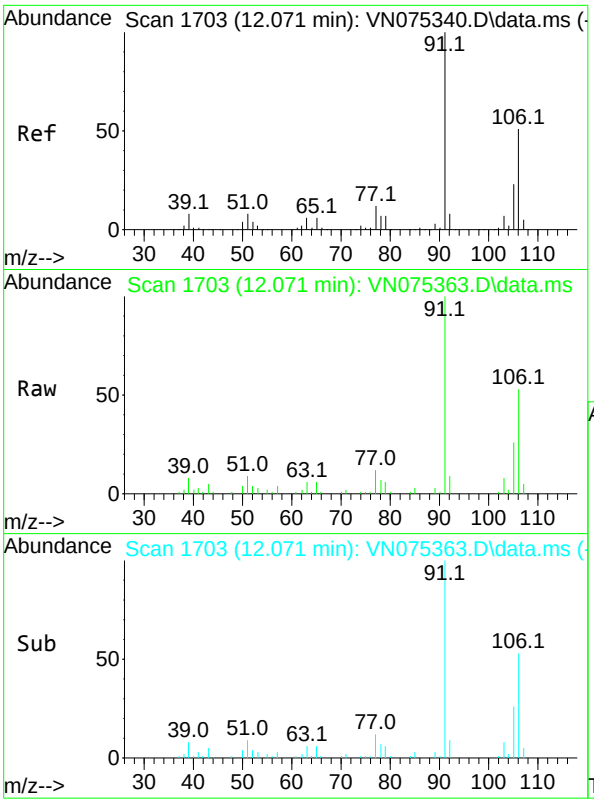


#67
Ethyl Benzene
Concen: 0.619 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 91 Resp: 14621

Ion	Ratio	Lower	Upper
91	100		
106	35.0	24.9	37.3



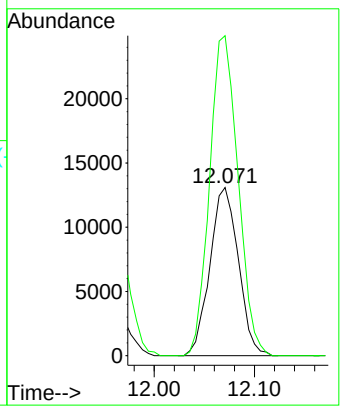


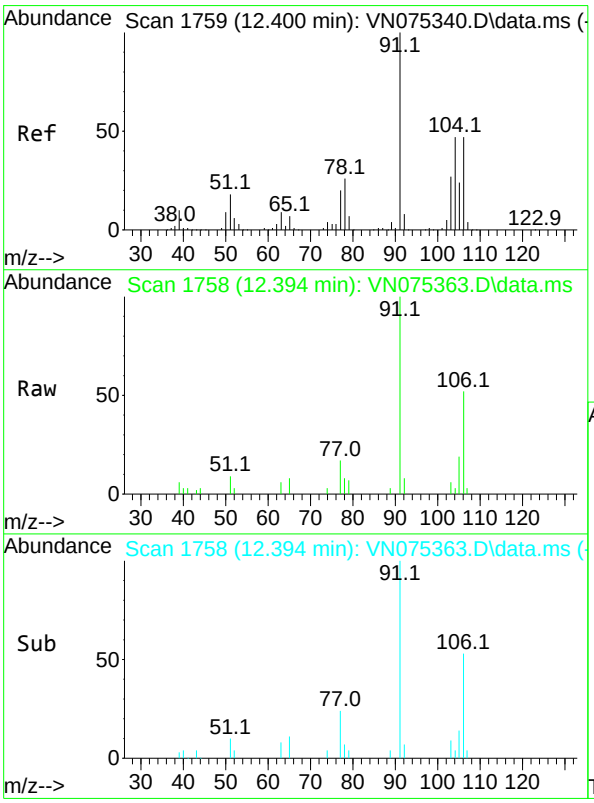
#68
m/p-Xylenes
Concen: 2.687 ug/l
RT: 12.071 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:106 Resp: 25776

Ion	Ratio	Lower	Upper
106	100		
91	190.4	156.0	234.0

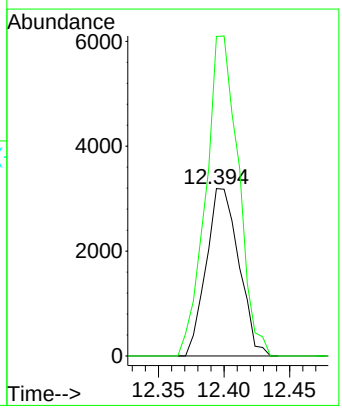


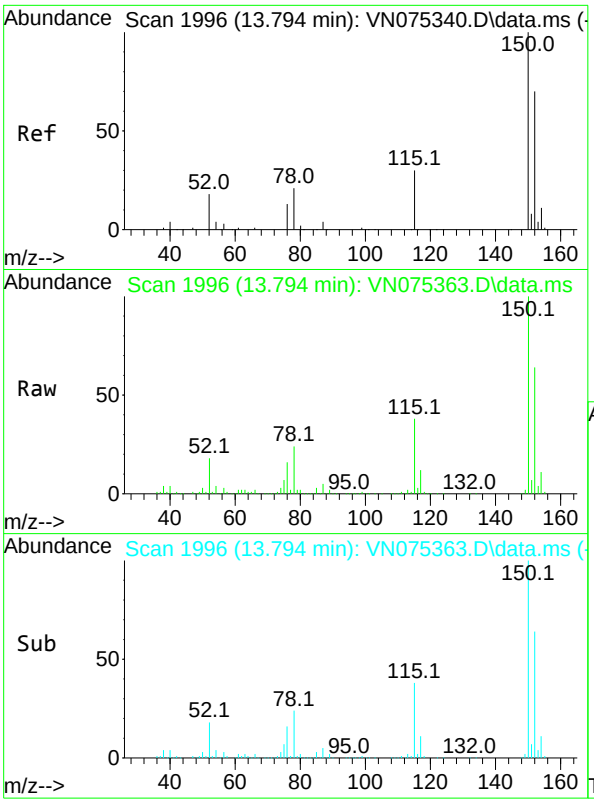


#69
o-Xylene
Concen: 0.580 ug/l
RT: 12.394 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion:106 Resp: 5523

Ion	Ratio	Lower	Upper
106	100		
91	191.4	105.2	315.5



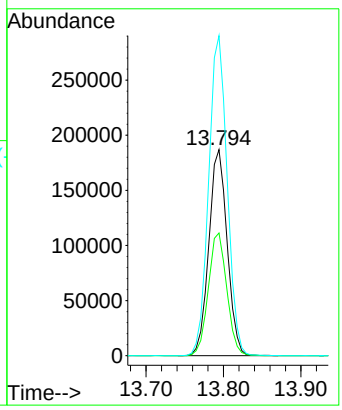


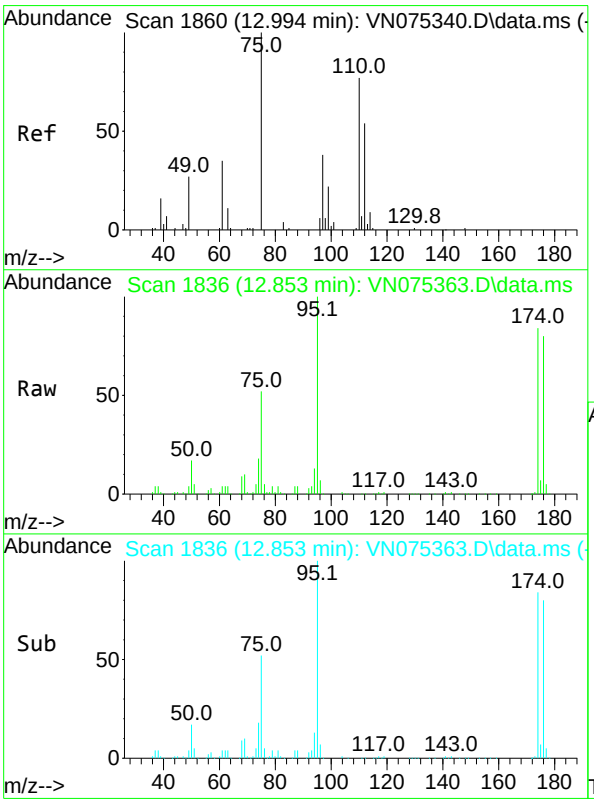
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:152 Resp: 307174

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.2	90.6
150	156.8	0.0	348.4

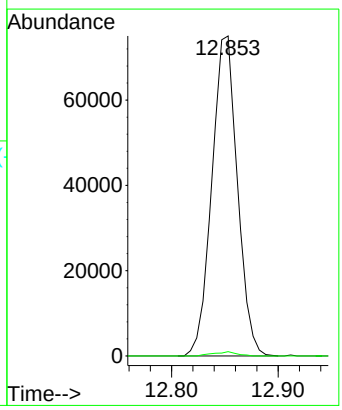


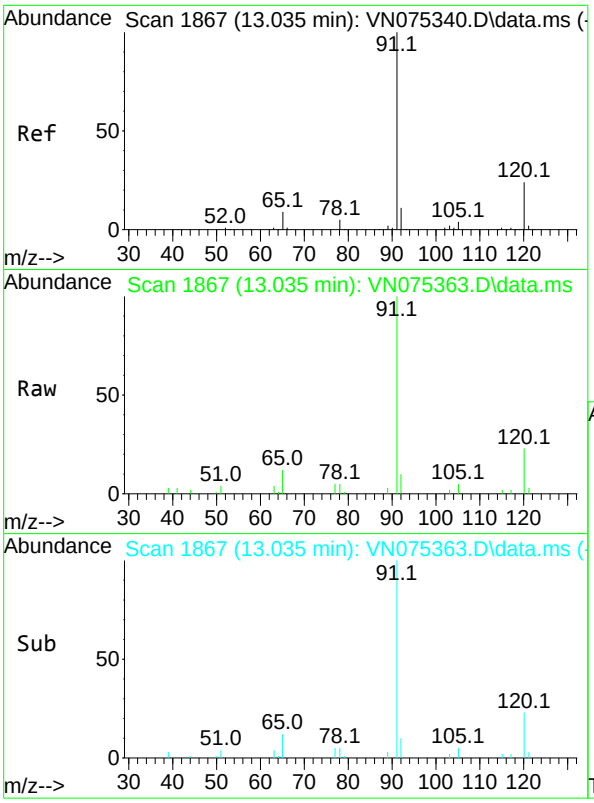


#76
1,2,3-Trichloropropane
Concen: 21.533 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 75 Resp: 125059

Ion	Ratio	Lower	Upper
75	100		
77	1.2	75.6	226.8#



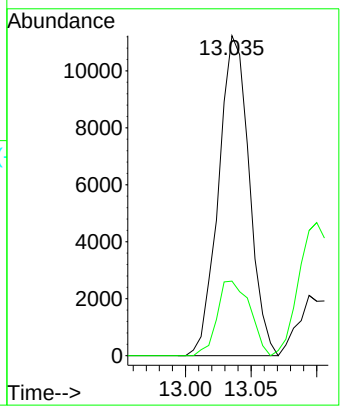


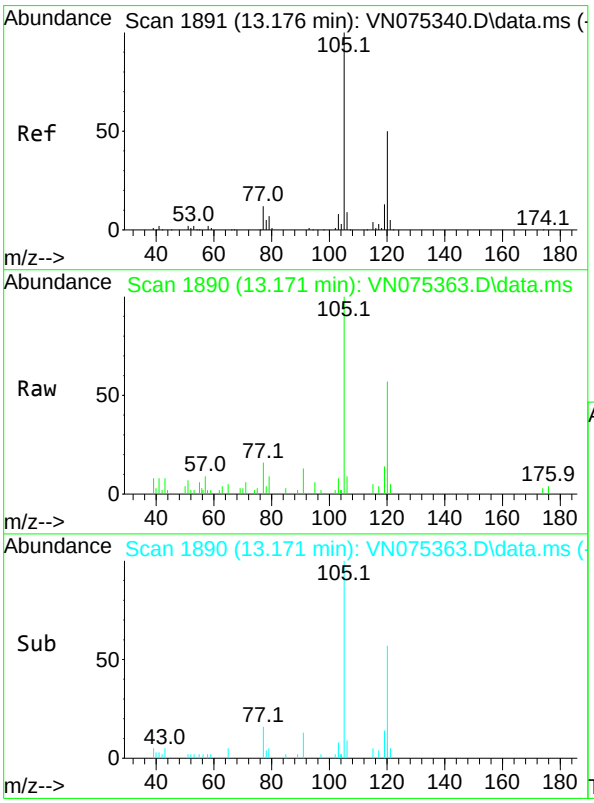
#78
n-propylbenzene
Concen: 0.728 ug/l
RT: 13.035 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 91 Resp: 18240

Ion	Ratio	Lower	Upper
91	100		
120	24.9	11.9	35.5

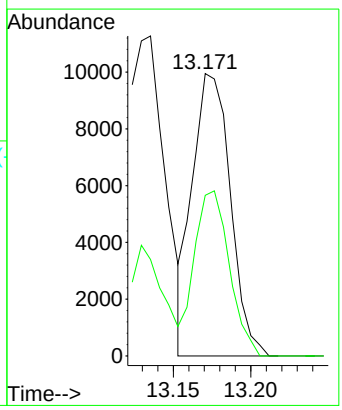


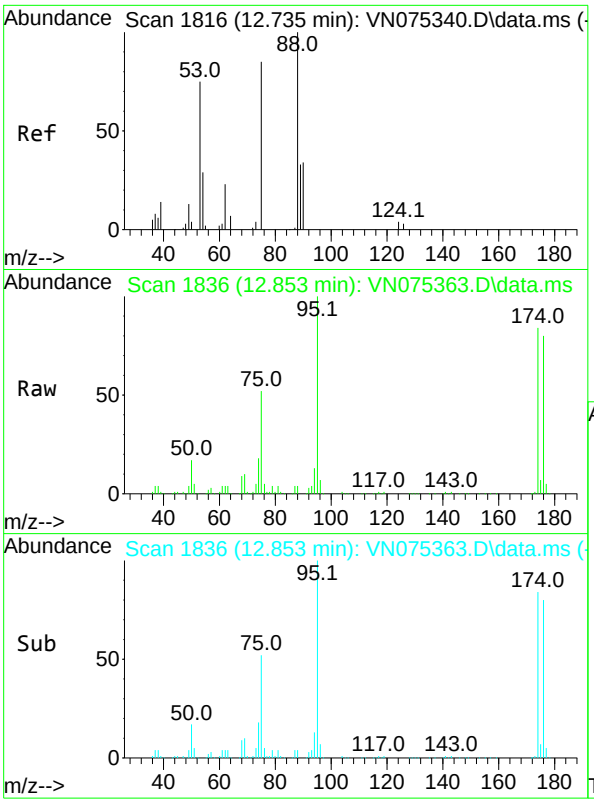


#80
1,3,5-Trimethylbenzene
Concen: 0.909 ug/l
RT: 13.171 min Scan# 1890
Delta R.T. -0.005 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion:105 Resp: 16944

Ion	Ratio	Lower	Upper
105	100		
120	54.0	24.7	74.1



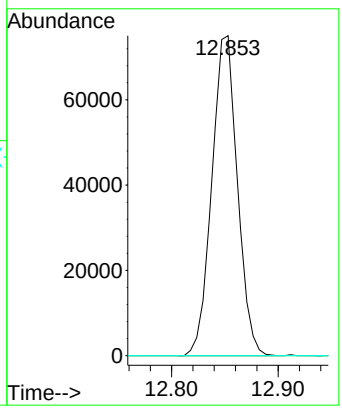


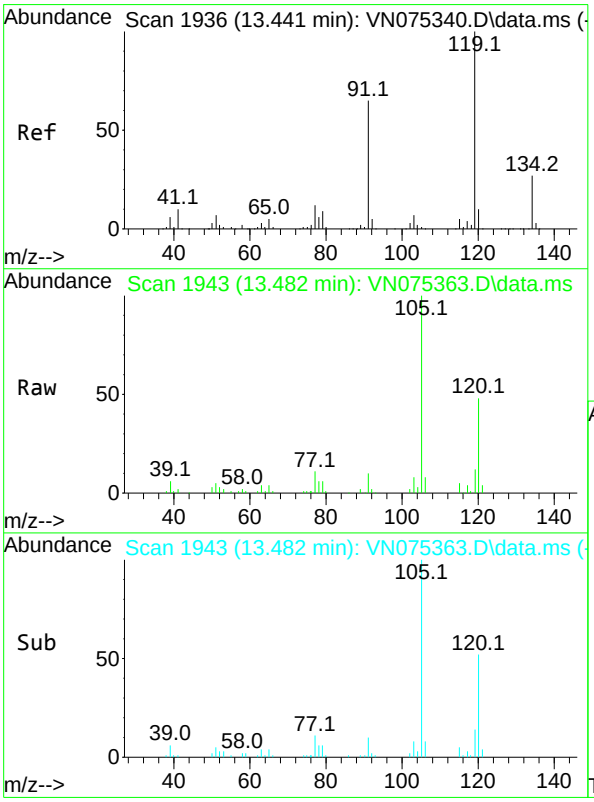
#81
trans-1,4-Dichloro-2-butene
Concen: 63.710 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion: 75 Resp: 125059

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	37.7	56.5#

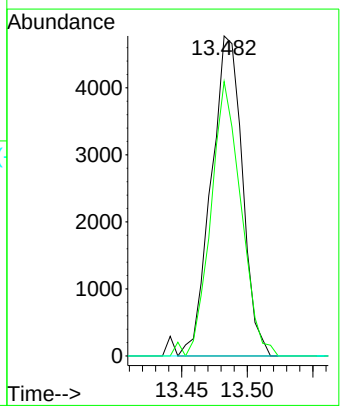


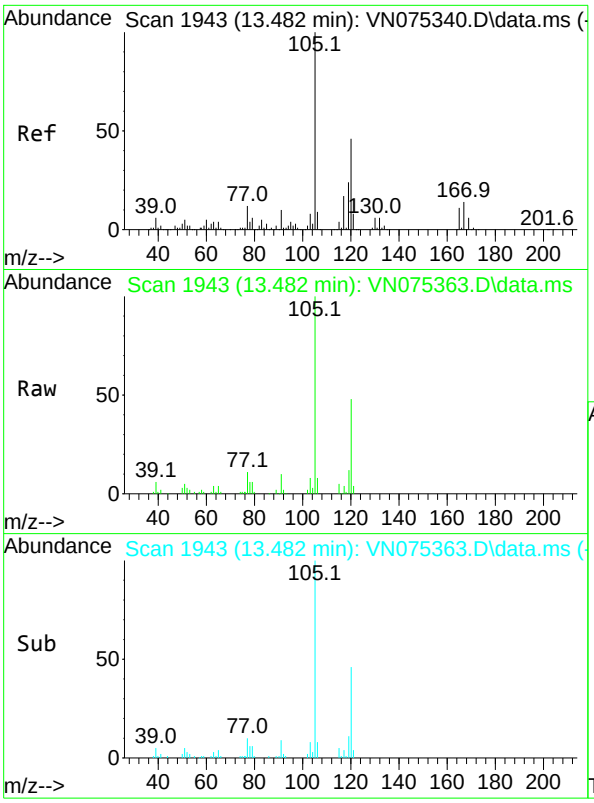


#83
tert-Butylbenzene
Concen: 0.464 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion:119 Resp: 7886

Ion	Ratio	Lower	Upper
119	100		
91	83.1	32.8	98.4
134	0.0	12.3	36.9#



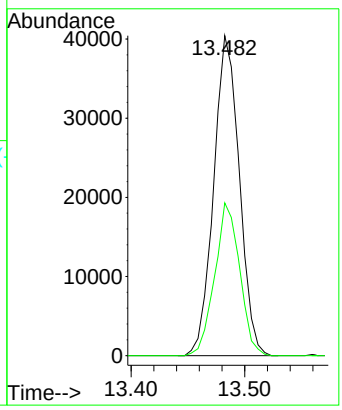


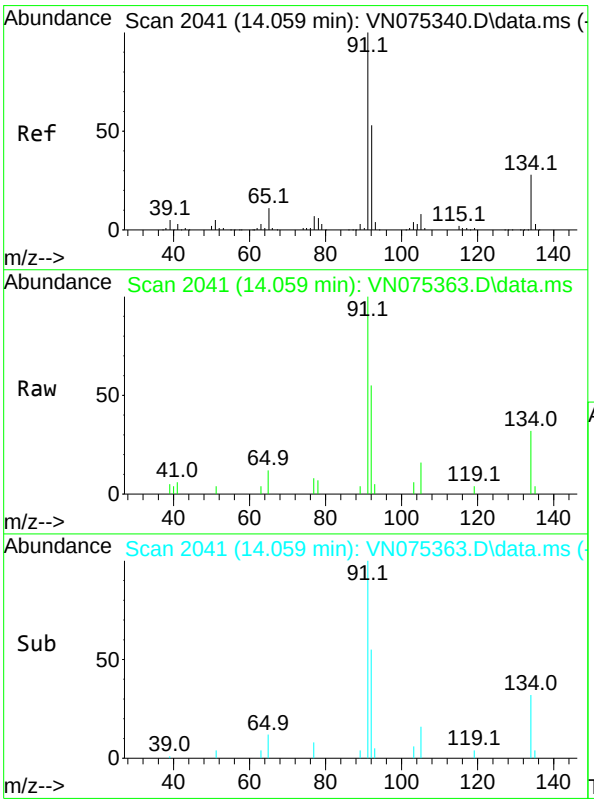
#84
1,2,4-Trimethylbenzene
Concen: 3.391 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:105 Resp: 63428

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.7	68.1

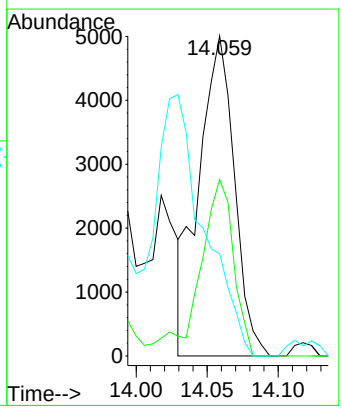


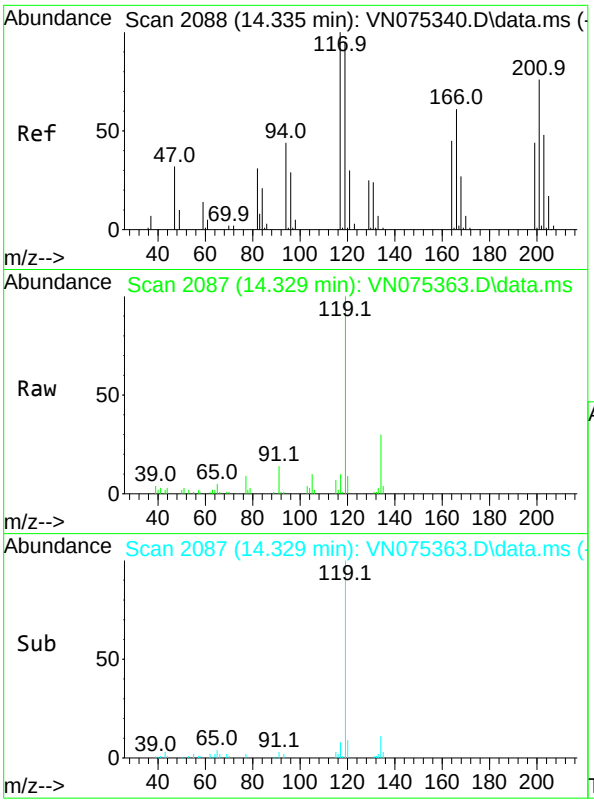


#89
n-Butylbenzene
Concen: 0.532 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion: 91 Resp: 8714

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.4
134	0.0	13.0	39.0#



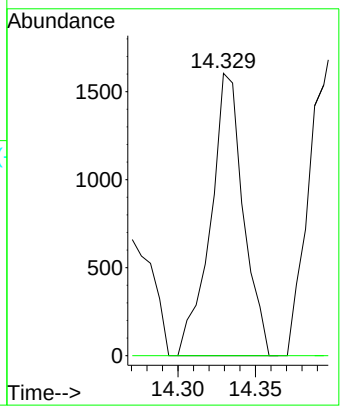


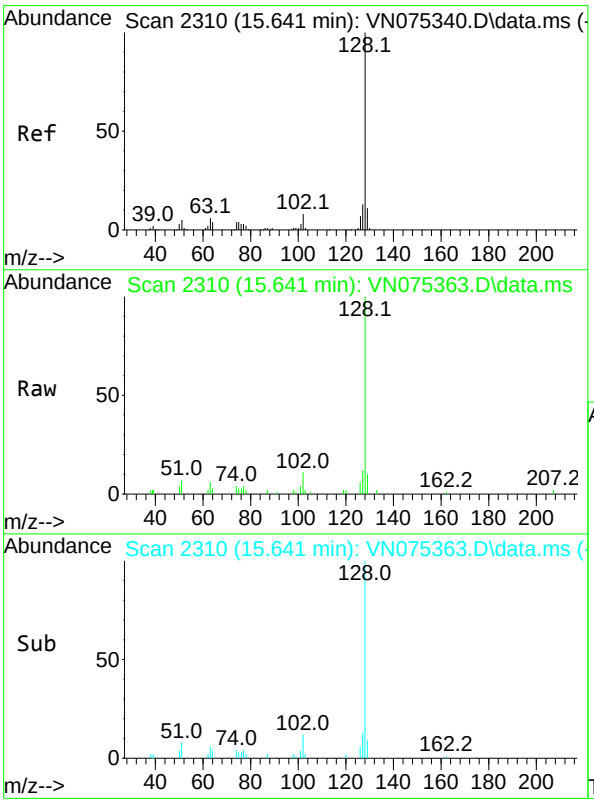
#90
Hexachloroethane
Concen: 0.706 ug/l
RT: 14.329 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:117 Resp: 2363

Ion	Ratio	Lower	Upper
117	100		
201	0.0	31.5	94.5#





#95
Naphthalene
Concen: 1.609 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075363.D
Acq: 22 Nov 2022 13:20

Tgt Ion:128 Resp: 26535

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	9.9	8.6	12.8