Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
Data File : VT019160.D
Acq On : 22 Oct 2025 15:48
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Quant Time: Oct 24 06:11:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:05:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.089	128	19458	30.000	ug/l	# 0.01
28) 1,4-Difluorobenzene	8.582	114	125103	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.754	117	105430	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.971	65	51956	30.478	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.600%			
60) 4-Bromofluorobenzene	12.888	95	47593	28.722	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.733%			
63) Toluene-d8	10.256	98	151385	29.501	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.333%			
Target Compounds						Qvalue
3) Chloromethane	2.083	50	65	0.053	ug/l #	44
4) Vinyl Chloride	2.207	62	302	0.220	ug/l #	43
5) Bromomethane	2.577	94	496	0.436	ug/l #	8
12) Methyl Acetate	4.234	43	1654	0.479	ug/l #	53
13) Acrolein	3.540	56	241	2.068	ug/l #	14
14) Acrylonitrile	4.862	53	1692	1.589	ug/l #	62
15) Acetone	3.758	58	736	1.940	ug/l #	17
16) Carbon Disulfide	3.975	76	2823	1.730	ug/l #	75
17) Allyl chloride	4.234	41	92	0.044	ug/l #	24
18) Methylene Chloride	4.445	84	496	0.381	ug/l #	44
19) trans-1,2-Dichloroethene	6.707	96	421	0.313	ug/l #	41
20) Diisopropyl ether	5.808	45	464	0.088	ug/l #	60
22) cis-1,2-Dichloroethene	6.707	96	421	0.313	ug/l #	45
23) tert-Butyl Alcohol	4.669	59	629	1.348	ug/l #	100
24) Methyl tert-Butyl Ether	4.921	73	355	0.068	ug/l #	55
25) Chloroform	7.271	83	193	0.085	ug/l #	59
26) Cyclohexane	7.683	56	176	0.121	ug/l #	7
29) 1,1-Dichloropropene	7.712	75	276	0.211	ug/l #	41
30) 2-Butanone	6.707	43	1280	0.793	ug/l #	78
31) 2,2-Dichloropropane	6.696	77	225	0.117	ug/l #	59
34) Benzene	7.988	78	760	0.157	ug/l #	1
35) Methacrylonitrile	7.054	41	287	0.209	ug/l #	27
36) 1,2-Dichloroethane	8.070	62	149	0.083	ug/l #	76
37) Trichloroethene	8.846	130	141	0.158	ug/l	94
38) Methylcyclohexane	9.481	83	67	0.051	ug/l #	16
40) Dibromomethane	9.263	93	211	0.269	ug/l #	16
42) Vinyl Acetate	5.767	43	1311	0.331	ug/l #	76
43) Ethyl Acetate	6.795	43	58	0.022	ug/l #	67
44) Isopropyl Acetate	8.123	43	655	0.157	ug/l #	1
45) 1,4-Dioxane	9.257	88	55	1.519	ug/l #	36
46) Methyl methacrylate	9.269	41	311	0.167	ug/l #	20
47) n-amyl Acetate	12.495	43	737	0.262	ug/l #	85
48) t-1,3-Dichloropropene	10.585	75	829	0.454	ug/l #	44
49) cis-1,3-Dichloropropene	9.968	75	437	0.228	ug/l #	32
51) Ethyl methacrylate	10.268	69	239	0.111	ug/l #	39
52) 1,3-Dichloropropane	10.955	76	436	0.212	ug/l #	43
54) 1,2-Dibromoethane	11.296	107	69	0.064	ug/l #	3
55) 2-Chloroethyl vinyl ether	9.804	63	198	0.314	ug/l #	45
58) 4-Methyl-2-Pentanone	10.145	43	5519	2.138	ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
Data File : VT019160.D
Acq On : 22 Oct 2025 15:48
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Quant Time: Oct 24 06:11:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:05:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 2-Hexanone	10.145	43	5519	2.138	ug/l	#	83
61) Tetrachloroethene	10.873	164	127	0.191	ug/l	#	9
62) Toluene	10.338	91	571	0.121	ug/l	#	45
64) Chlorobenzene	11.784	112	1101	0.382	ug/l	#	57
66) Ethyl Benzene	11.872	91	1723	0.336	ug/l		100
67) m/p-Xylenes	11.995	106	1059	0.555	ug/l	#	46
68) o-Xylene	12.366	106	373	0.189	ug/l		40
69) Styrene	12.383	104	1482	0.419	ug/l		94
70) Isopropylbenzene	12.712	105	1760	0.364	ug/l	#	79
71) 1,1,2,2-Tetrachloroethane	13.012	83	519	0.274	ug/l	#	90
72) 1,2,3-Trichloropropane	13.065	75	521	0.372	ug/l		61
73) Bromobenzene	13.035	156	440	0.387	ug/l		16
74) n-propylbenzene	13.106	91	3306	0.568	ug/l		87
75) 2-Chlorotoluene	13.312	91	2918	0.818	ug/l		98
76) 1,3,5-Trimethylbenzene	13.259	105	1822	0.460	ug/l		87
77) t-1,4-Dichloro-2-butene	12.888	75	28391	41.767	ug/l	#	7
78) 4-Chlorotoluene	13.200	91	2083	0.592	ug/l		77
79) tert-butylbenzene	13.564	119	1724	0.490	ug/l		94
80) 1,2,4-Trimethylbenzene	13.611	105	2485	0.601	ug/l		99
81) sec-Butylbenzene	13.758	105	3816	0.752	ug/l		89
82) p-Isopropyltoluene	13.893	119	3629	0.860	ug/l		95
83) 1,3-Dichlorobenzene	13.893	146	2318	1.041	ug/l		90
84) 1,4-Dichlorobenzene	13.893	146	2318	1.034	ug/l		89
85) n-Butylbenzene	14.263	91	6384	1.653	ug/l		94
86) Hexachloroethane	14.569	117	122	0.216	ug/l	#	1
87) 1,2-Dichlorobenzene	13.893	146	2318	1.042	ug/l		88
88) 1,2-Dibromo-3-Chloropr...	15.021	75	200	0.480	ug/l	#	70
89) 1,2,4-Trichlorobenzene	15.809	180	3886	2.869	ug/l	#	13
90) Hexachlorobutadiene	15.926	225	1232	2.743	ug/l		68
91) Naphthalene	16.097	128	27338	5.221	ug/l		99
92) 1,2,3-Trichlorobenzene	16.337	180	4444	3.250	ug/l	#	45

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
Data File : VT019160.D
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Operator : SY/MD
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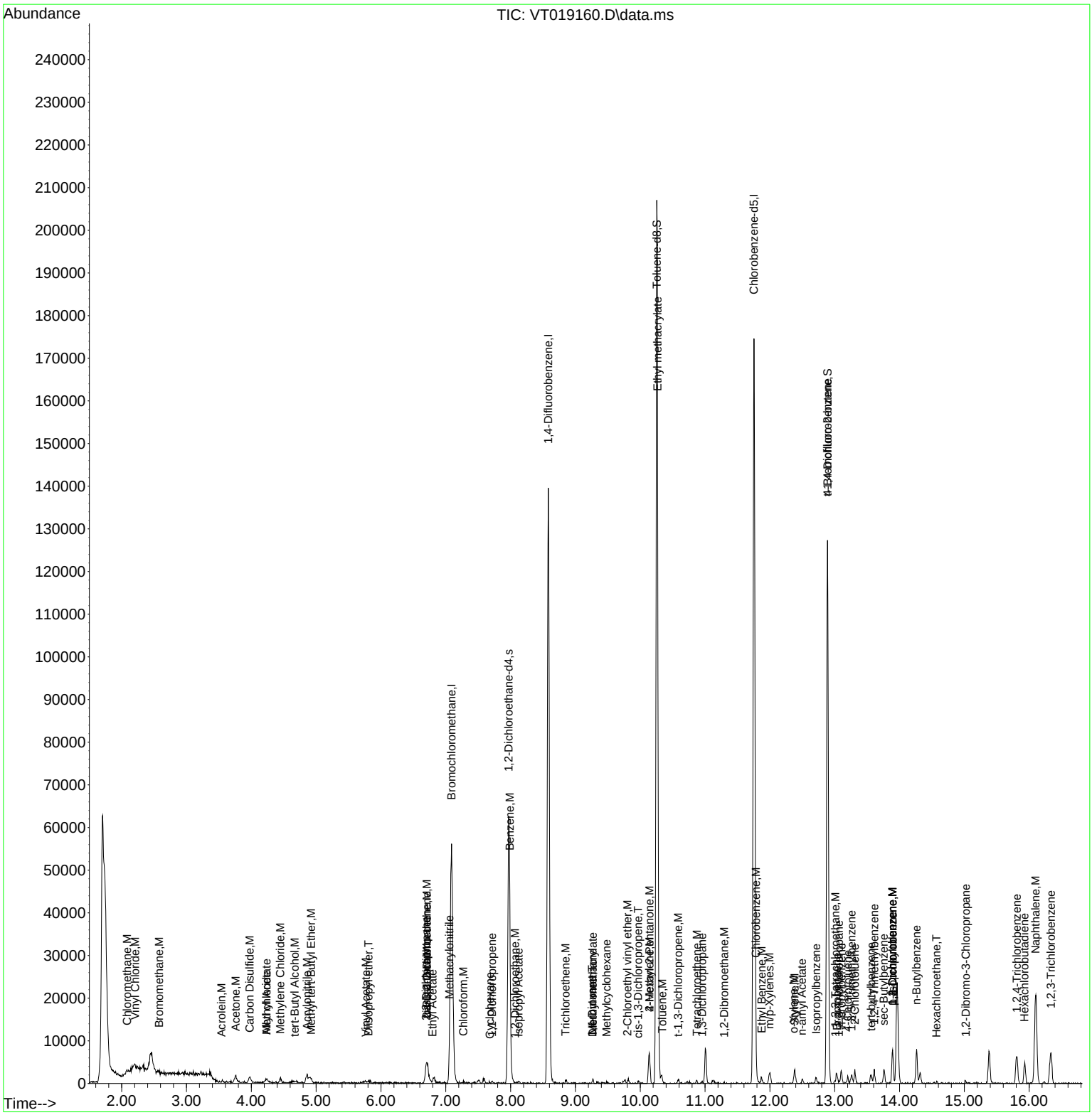
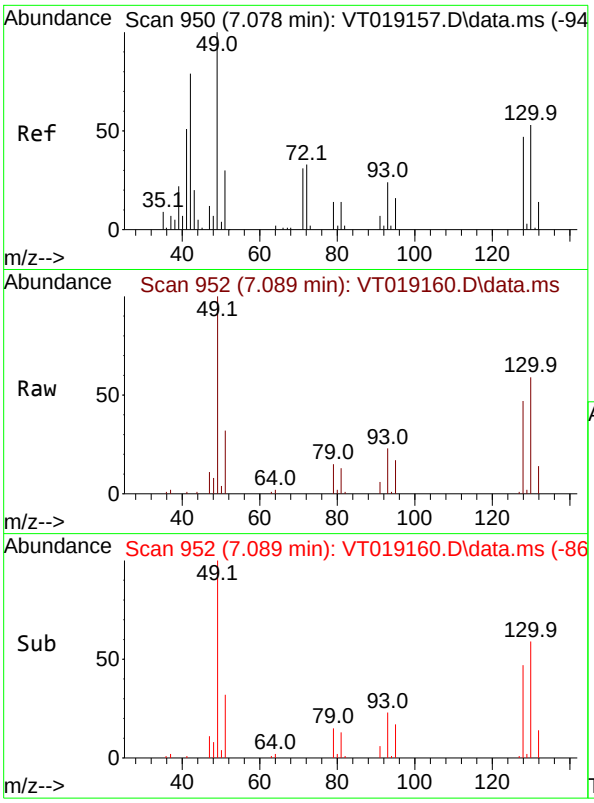
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Quant Time: Oct 24 06:11:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:05:07 2025
Response via : Initial Calibration



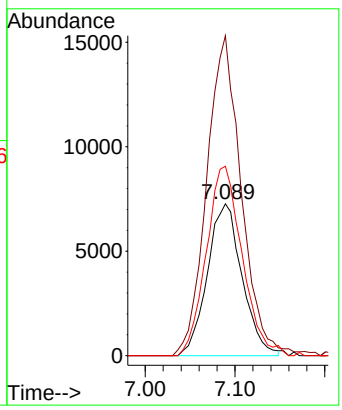


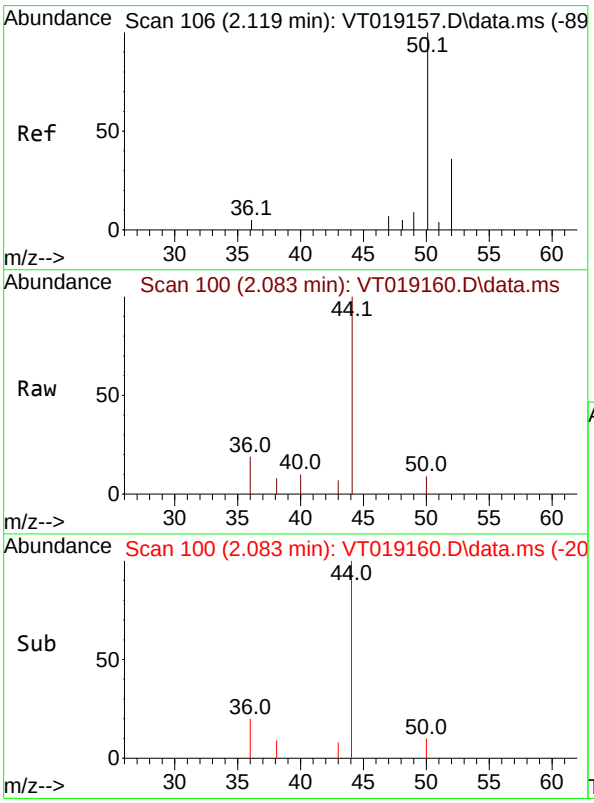
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.089 min Scan# 9
Delta R.T. 0.011 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 19458

Ion	Ratio	Lower	Upper
128	100		
49	209.1	0.0	0.0#
130	127.9	0.0	0.0#

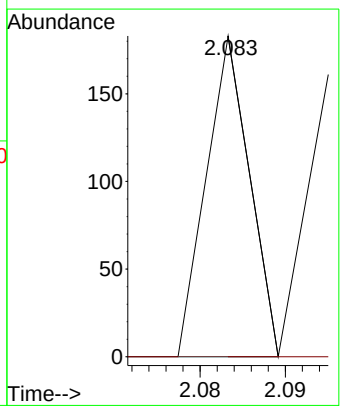


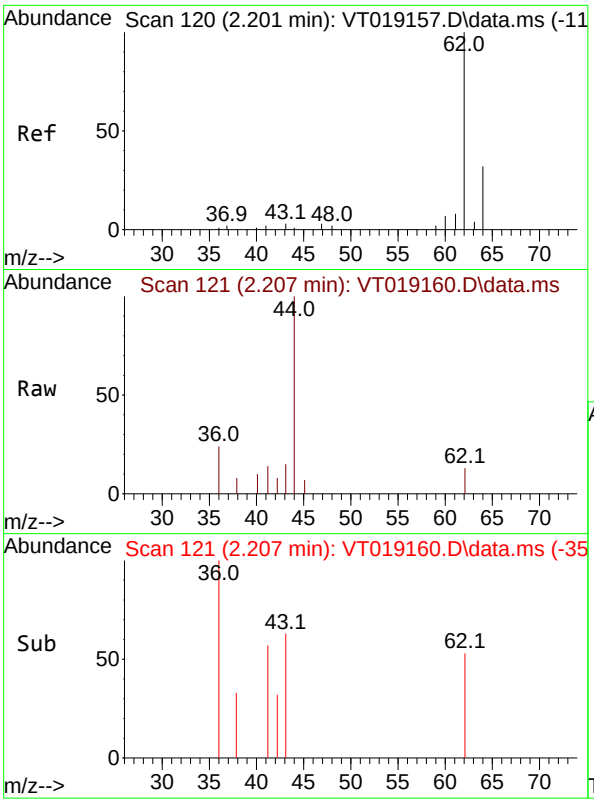


#3
Chloromethane
Concen: 0.053 ug/l
RT: 2.083 min Scan# 100
Delta R.T. -0.030 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 50 Resp: 65

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.4	36.6#



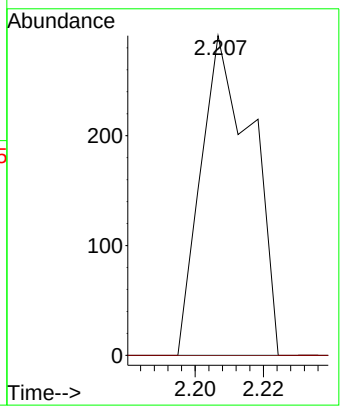


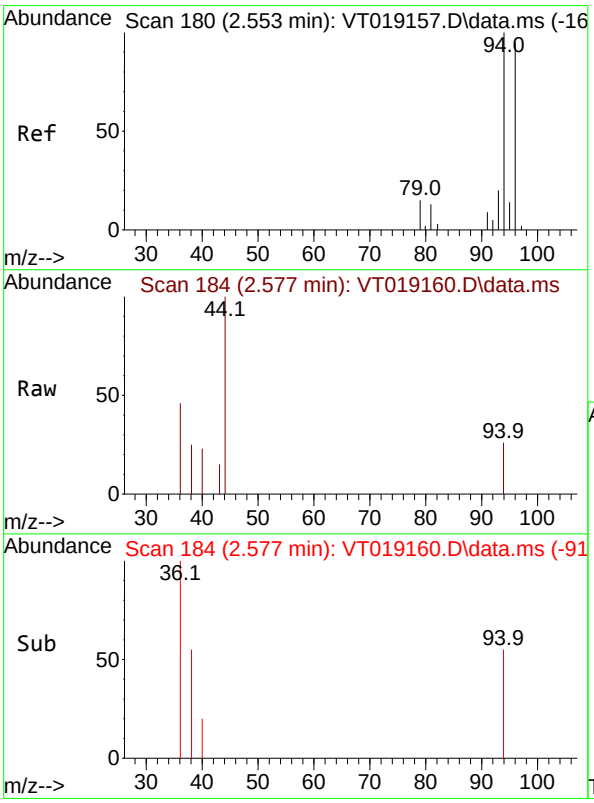
#4
Vinyl Chloride
Concen: 0.220 ug/l
RT: 2.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 62 Resp: 302

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.7	38.5#

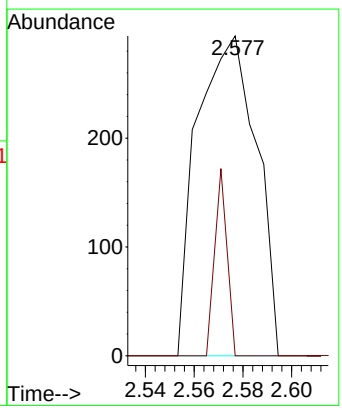


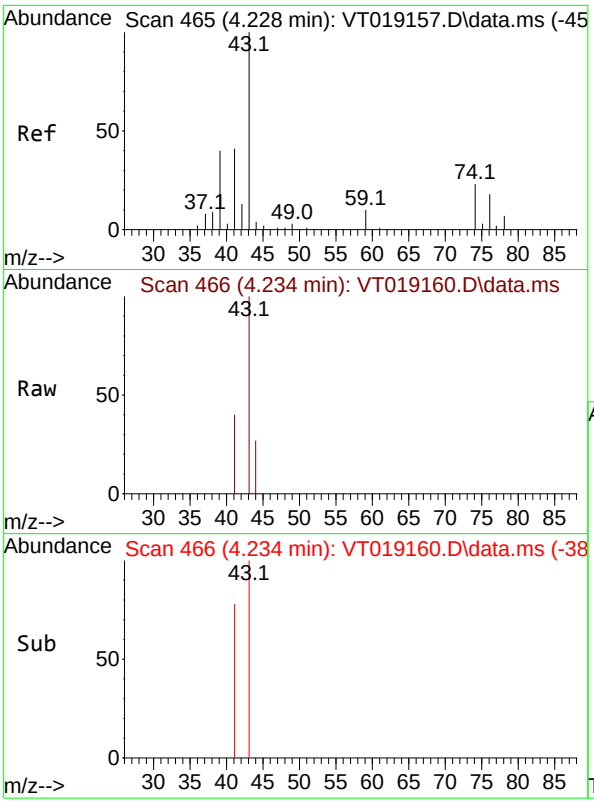


#5
Bromomethane
Concen: 0.436 ug/l
RT: 2.577 min Scan# 184
Delta R.T. 0.047 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 94 Resp: 496

Ion	Ratio	Lower	Upper
94	100		
96	0.0	66.0	99.0#



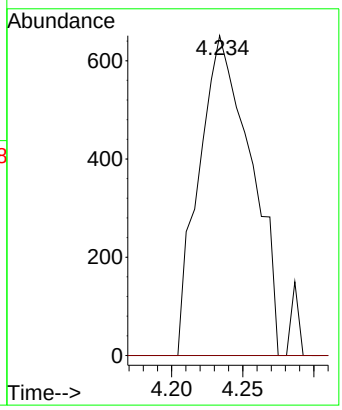


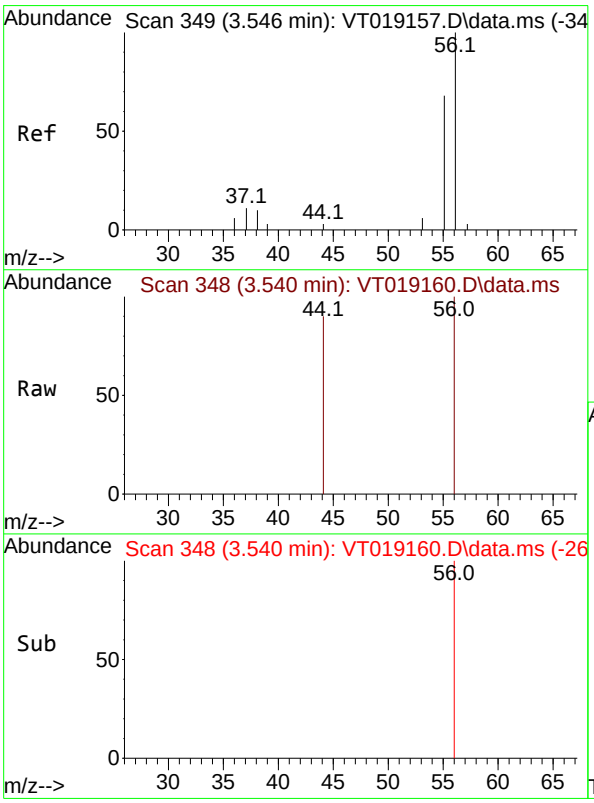
#12
Methyl Acetate
Concen: 0.479 ug/l
RT: 4.234 min Scan# 4
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1654

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.4	27.6#

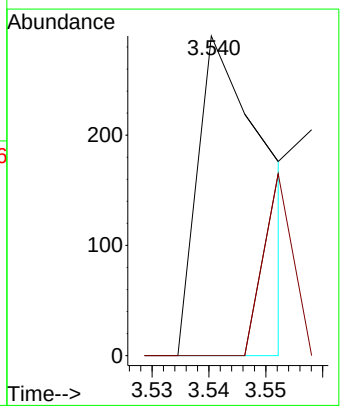


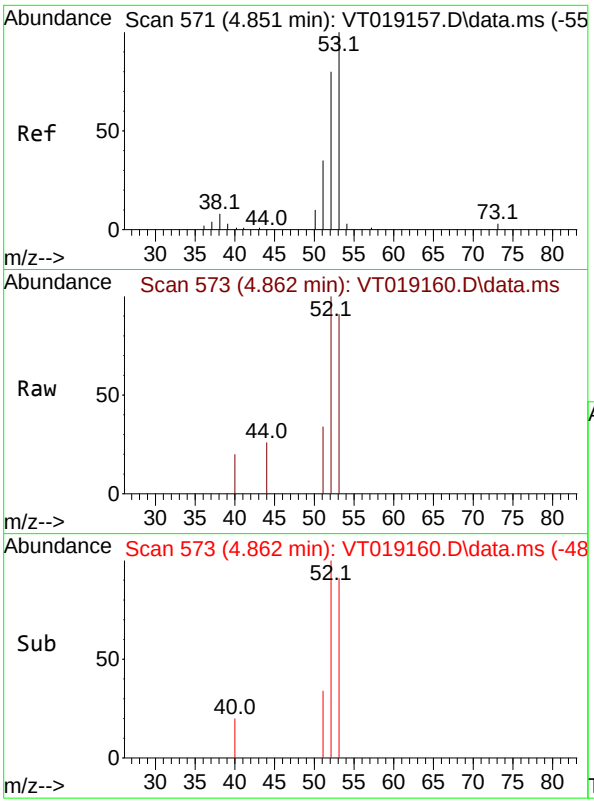


#13
Acrolein
Concen: 2.068 ug/l
RT: 3.540 min Scan# 348
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 56 Resp: 241

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#



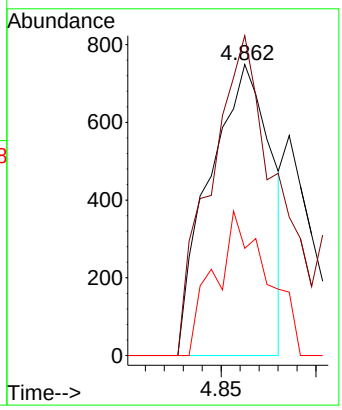


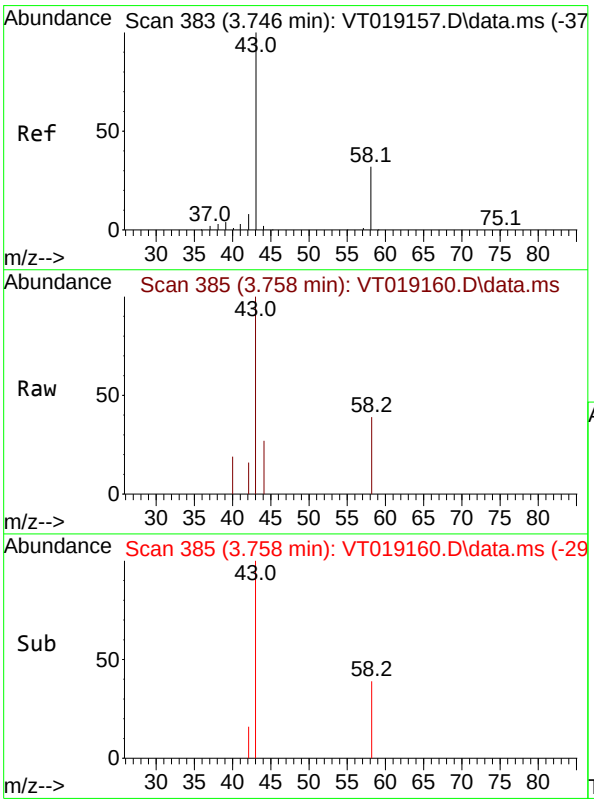
#14
Acrylonitrile
Concen: 1.589 ug/l
RT: 4.862 min Scan# 5
Delta R.T. 0.011 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 53 Resp: 1692

Ion	Ratio	Lower	Upper
53	100		
52	118.5	41.3	123.7
51	15.0	17.2	51.5#

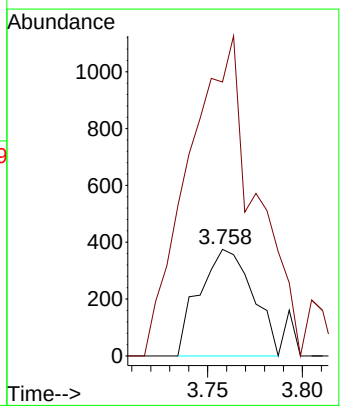


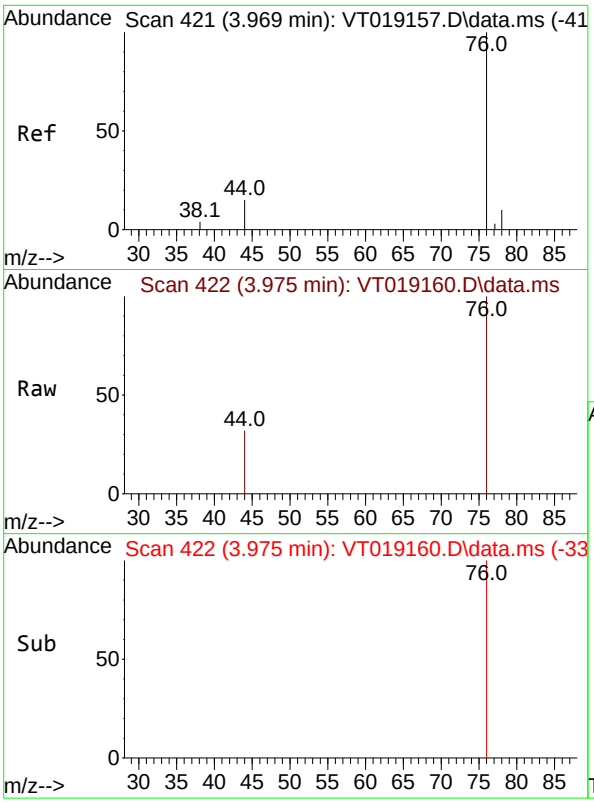


#15
Acetone
Concen: 1.940 ug/l
RT: 3.758 min Scan# 385
Delta R.T. 0.018 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 58 Resp: 736

Ion	Ratio	Lower	Upper
58	100		
43	159.2	266.9	400.3#



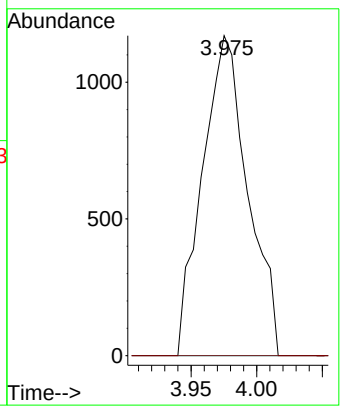


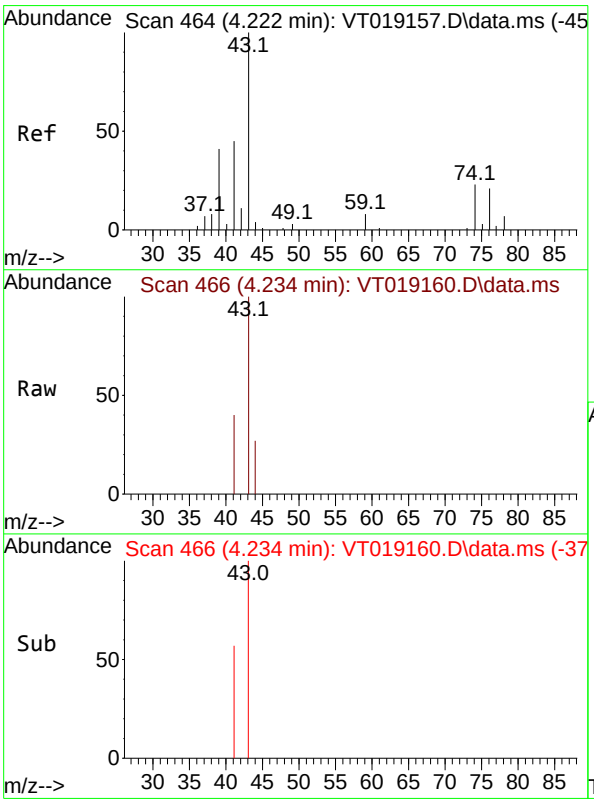
#16
Carbon Disulfide
Concen: 1.730 ug/l
RT: 3.975 min Scan# 4
Delta R.T. 0.011 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 76 Resp: 2823

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

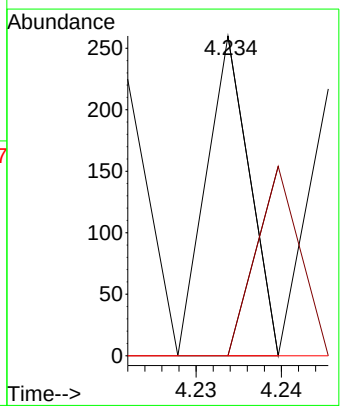


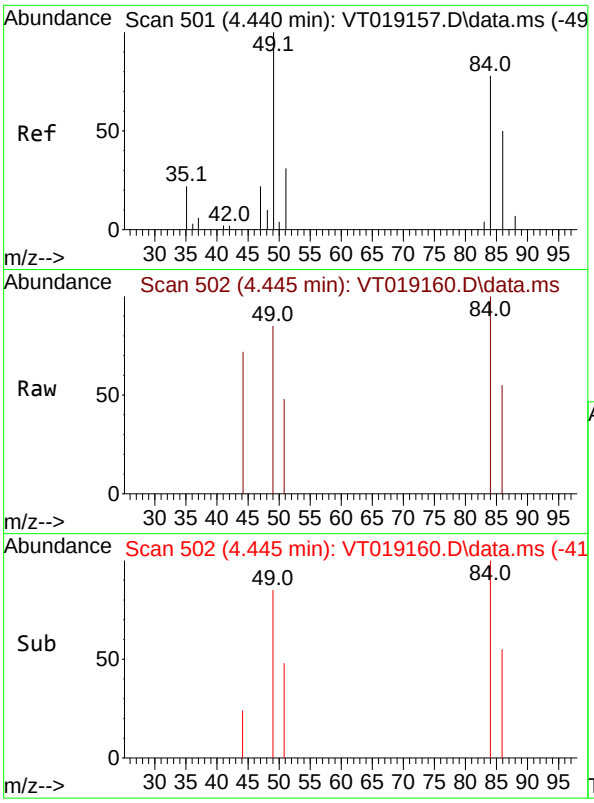


#17
Allyl chloride
Concen: 0.044 ug/l
RT: 4.234 min Scan# 466
Delta R.T. 0.012 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 41 Resp: 92

Ion	Ratio	Lower	Upper
41	100		
39	0.0	34.3	102.8#
76	0.0	16.7	50.0#



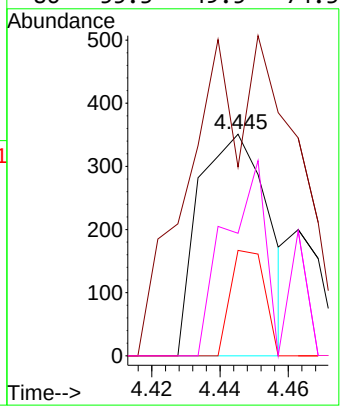


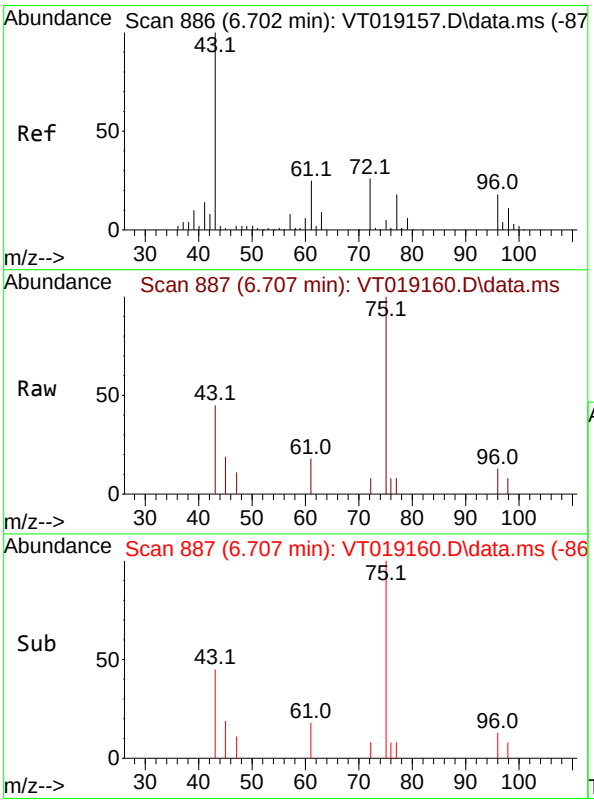
#18
Methylene Chloride
Concen: 0.381 ug/l
RT: 4.445 min Scan# 5
Delta R.T. 0.017 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 496

Ion	Ratio	Lower	Upper
84	100		
49	25.6	107.9	161.9#
51	47.6	33.4	50.2
86	55.3	49.5	74.3

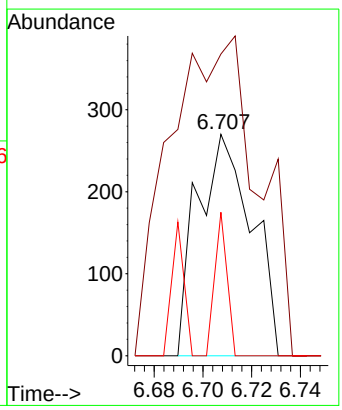


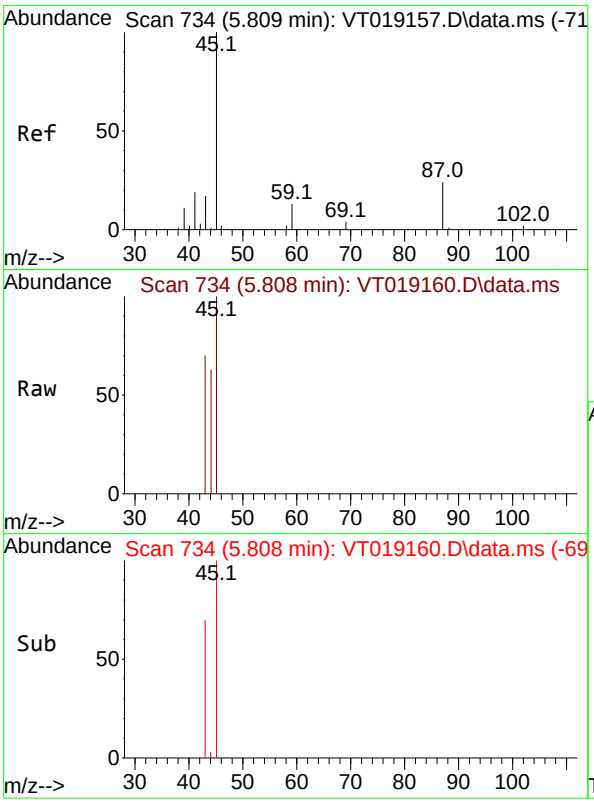


#19
trans-1,2-Dichloroethene
Concen: 0.313 ug/l
RT: 6.707 min Scan# 887
Delta R.T. 0.017 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 96 Resp: 421

Ion	Ratio	Lower	Upper
96	100		
61	47.4	122.3	183.5#
98	64.8	50.2	75.2



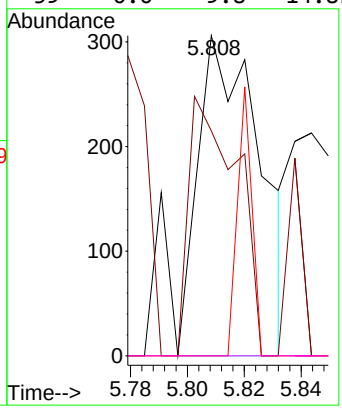


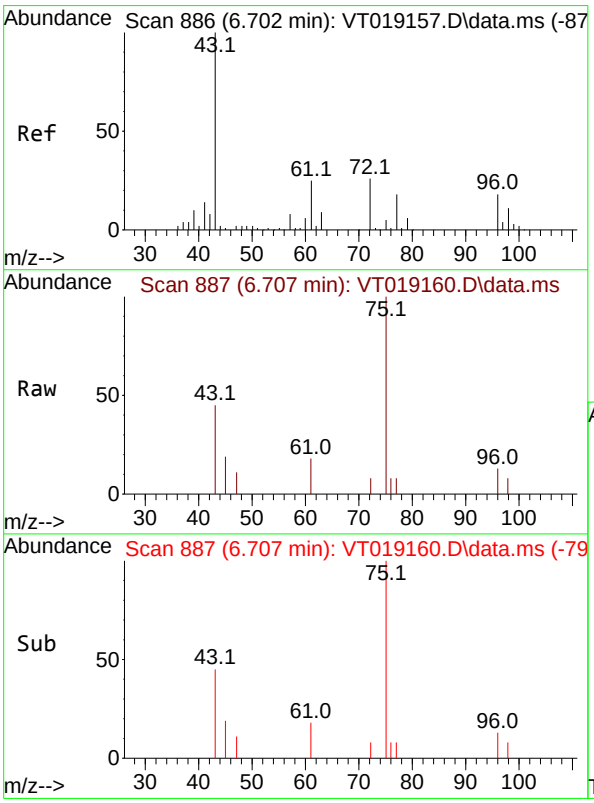
#20
Diisopropyl ether
Concen: 0.088 ug/l
RT: 5.808 min Scan# 7
Delta R.T. 0.005 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 45 Resp: 464

Ion	Ratio	Lower	Upper
45	100		
43	70.3	89.1	133.7#
87	0.0	21.3	31.9#
59	0.0	9.8	14.8#

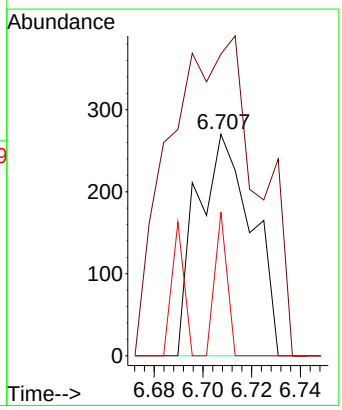


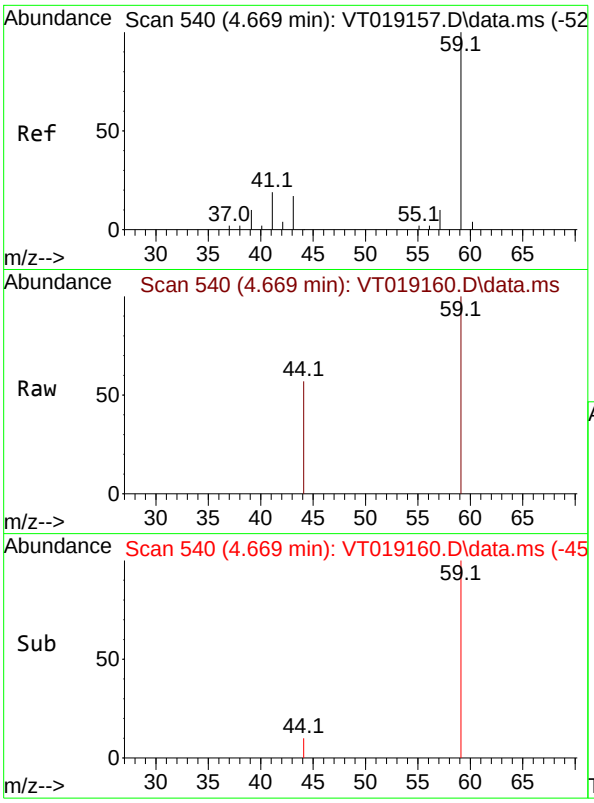


#22
cis-1,2-Dichloroethene
Concen: 0.313 ug/l
RT: 6.707 min Scan# 887
Delta R.T. 0.017 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 96 Resp: 421

Ion	Ratio	Lower	Upper
96	100		
61	96.4	120.0	180.0#
98	0.0	52.8	79.2#



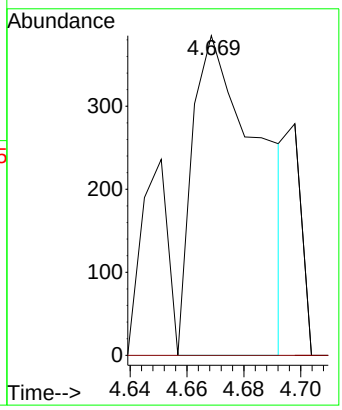


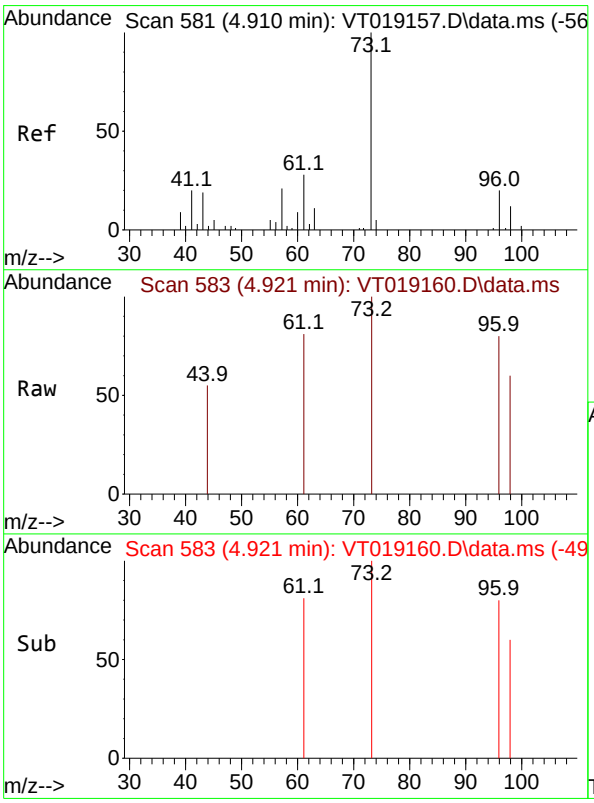
#23
tert-Butyl Alcohol
Concen: 1.348 ug/l
RT: 4.669 min Scan# 54
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 59 Resp: 629

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

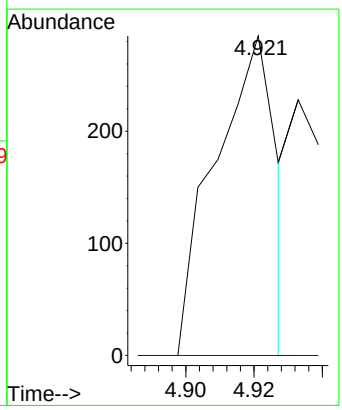


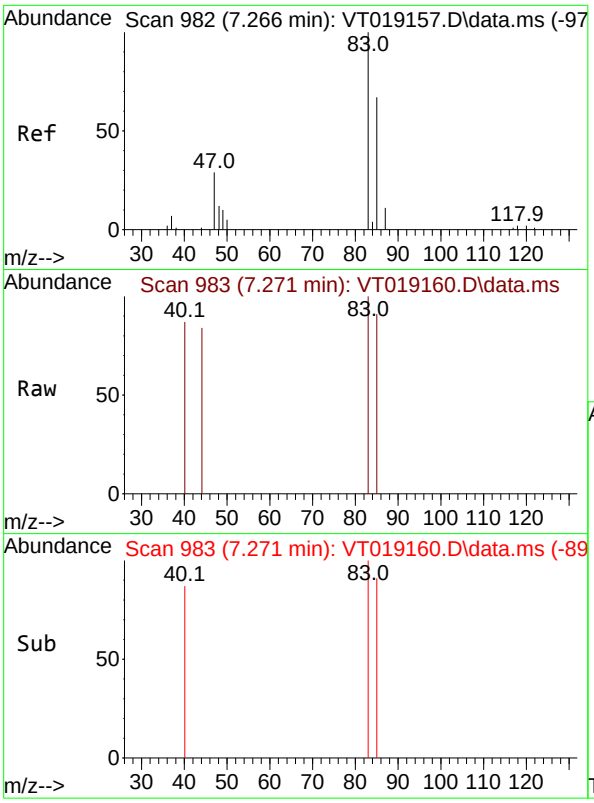


#24
Methyl tert-Butyl Ether
Concen: 0.068 ug/l
RT: 4.921 min Scan# 583
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 73 Resp: 355

Ion	Ratio	Lower	Upper
73	100		
43	0.0	16.9	25.3#



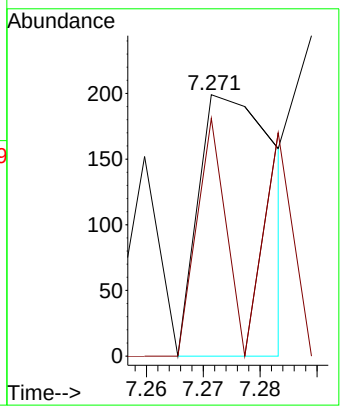


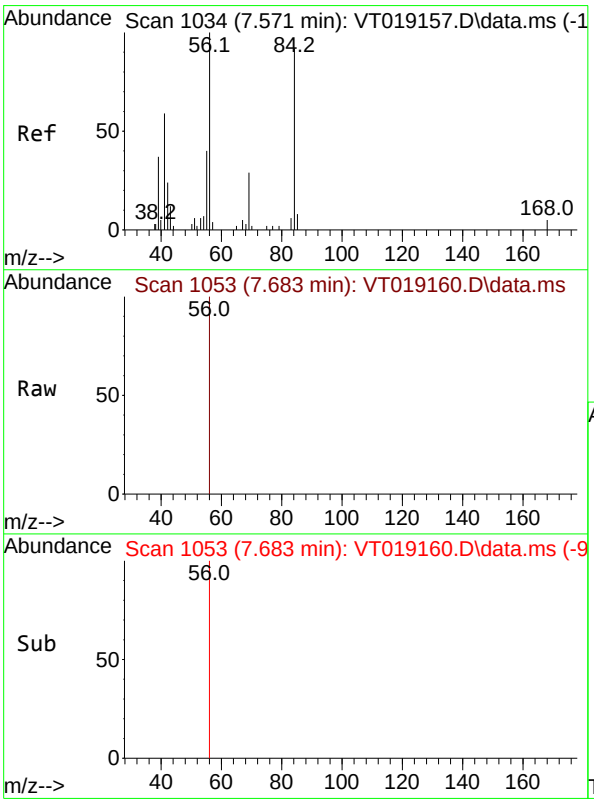
#25
Chloroform
Concen: 0.085 ug/l
RT: 7.271 min Scan# 9
Delta R.T. 0.005 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 83 Resp: 193

Ion	Ratio	Lower	Upper
83	100		
85	91.0	48.0	72.0#

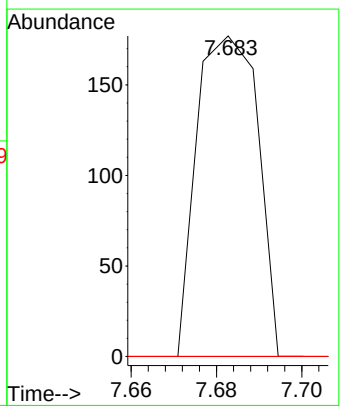


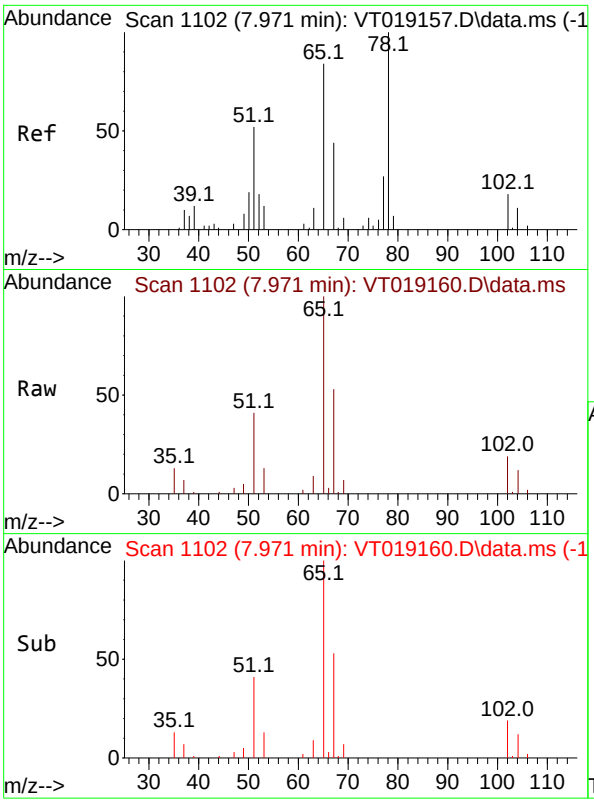


#26
Cyclohexane
Concen: 0.121 ug/l
RT: 7.683 min Scan# 1053
Delta R.T. 0.118 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 56 Resp: 176

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	0.0	67.9	101.9#



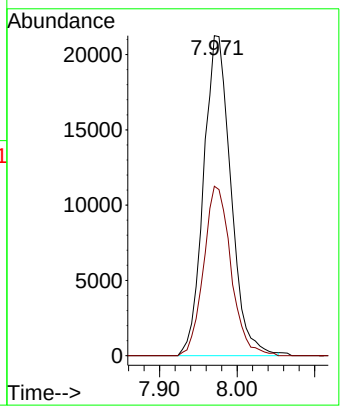


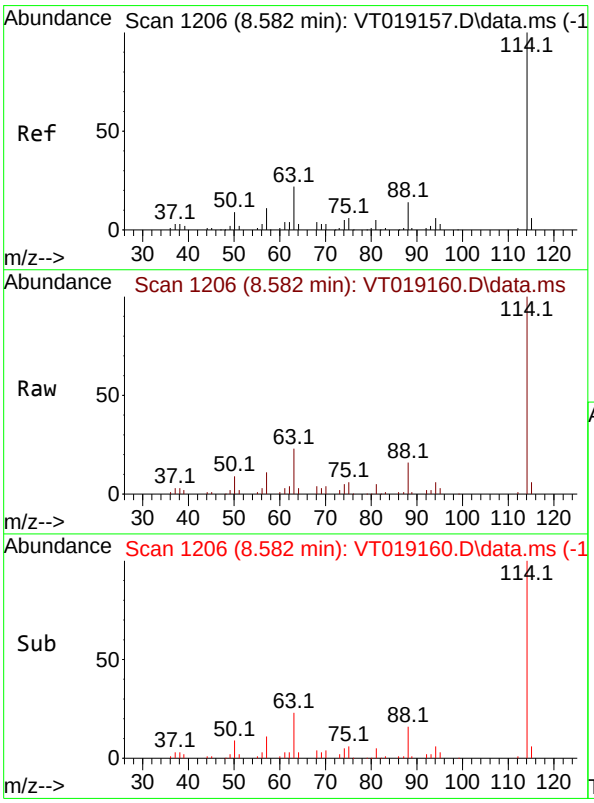
#27
1,2-Dichloroethane-d4
Concen: 30.478 ug/l
RT: 7.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 51956

Ion	Ratio	Lower	Upper
65	100		
67	53.1	40.7	61.1

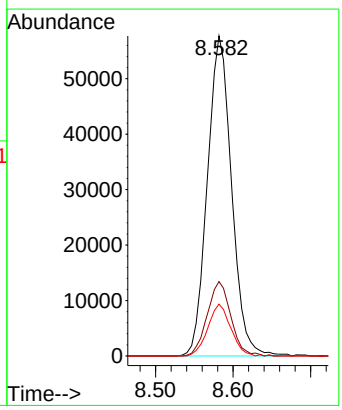


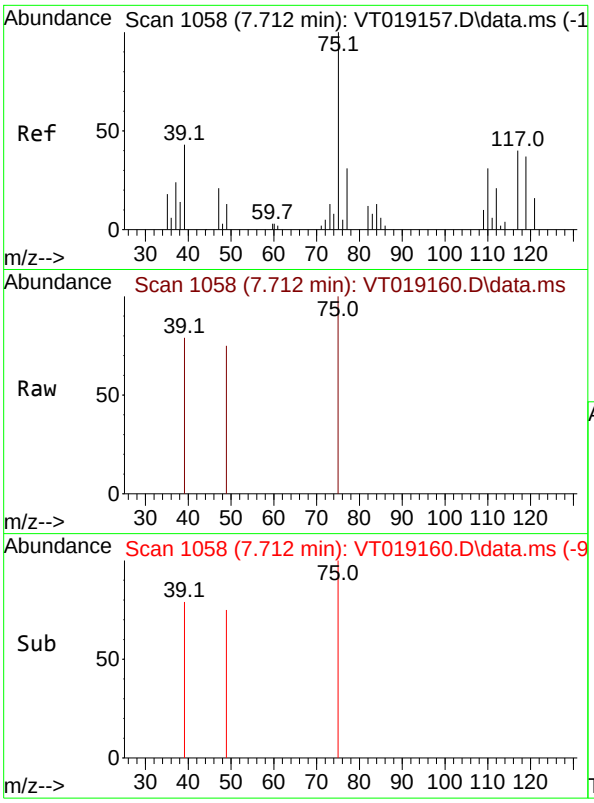


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.582 min Scan# 1206
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:114 Resp: 125103

Ion	Ratio	Lower	Upper
114	100		
63	22.6	17.4	26.0
88	15.3	13.0	19.6



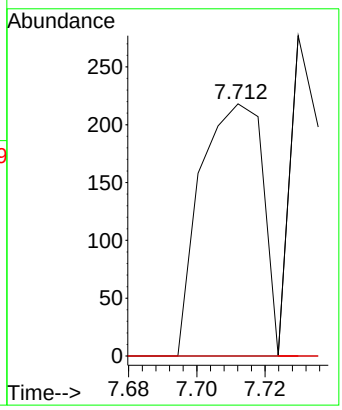


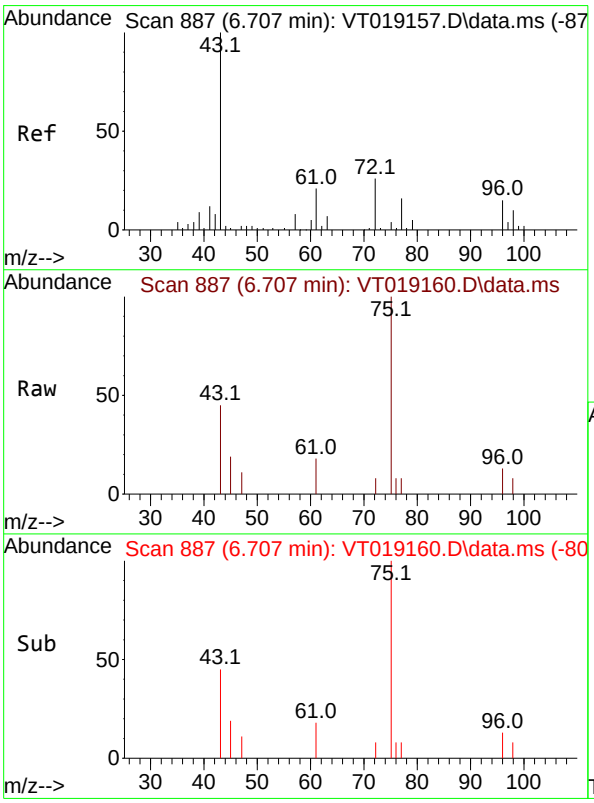
#29
1,1-Dichloropropene
Concen: 0.211 ug/l
RT: 7.712 min Scan# 1
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 276

Ion	Ratio	Lower	Upper
75	100		
110	0.0	0.0	70.8
77	0.0	0.0	61.6

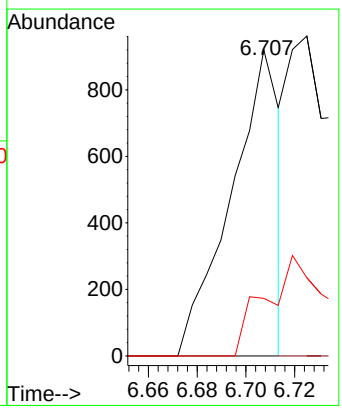


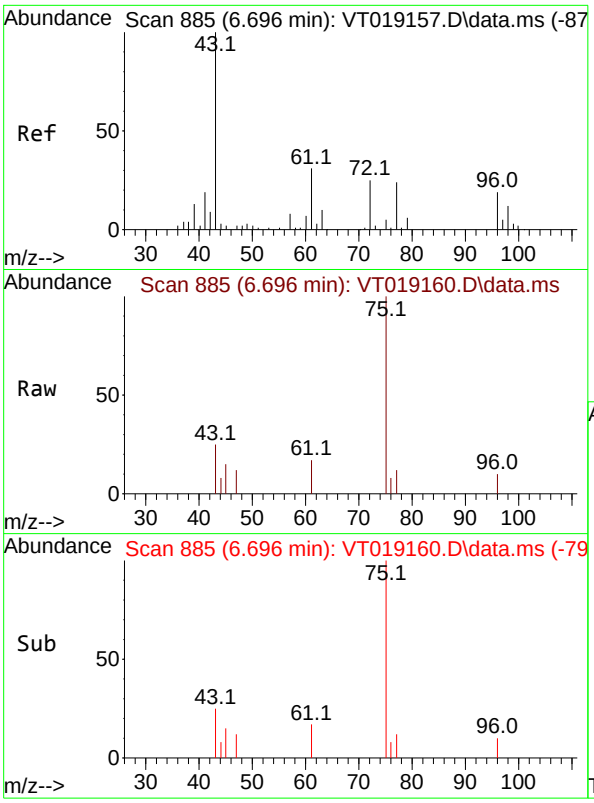


#30
2-Butanone
Concen: 0.793 ug/l
RT: 6.707 min Scan# 887
Delta R.T. 0.005 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 43 Resp: 1280

Ion	Ratio	Lower	Upper
43	100		
57	0.0	5.9	8.9#
72	13.8	20.2	30.2#



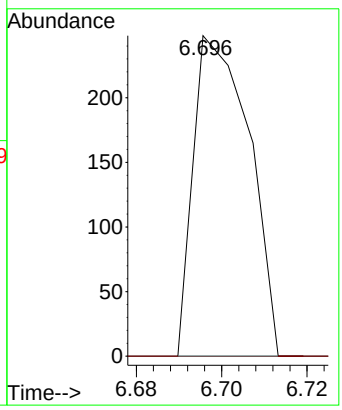


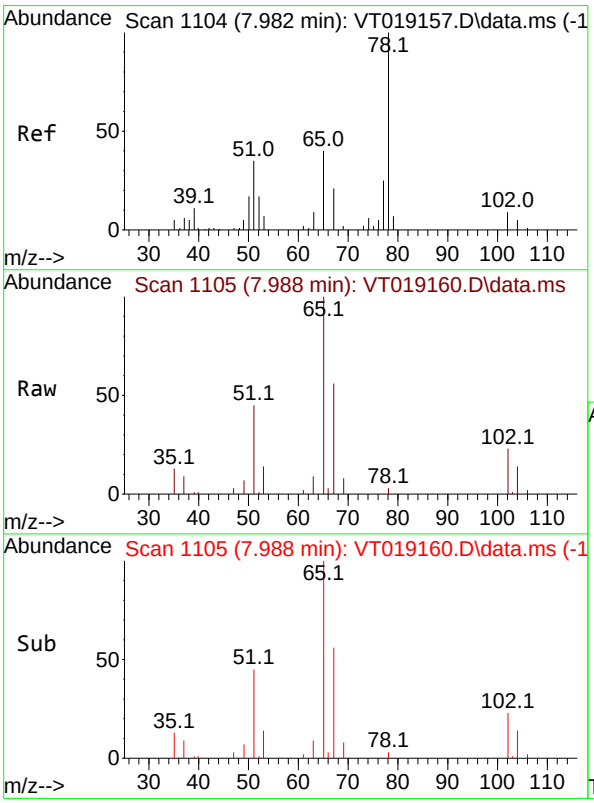
#31
2,2-Dichloropropane
Concen: 0.117 ug/l
RT: 6.696 min Scan# 8
Delta R.T. 0.012 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 77 Resp: 225

Ion	Ratio	Lower	Upper
77	100		
97	0.0	14.5	21.7#

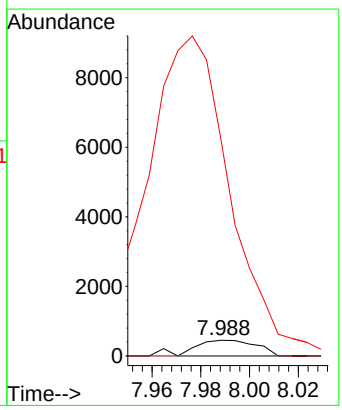


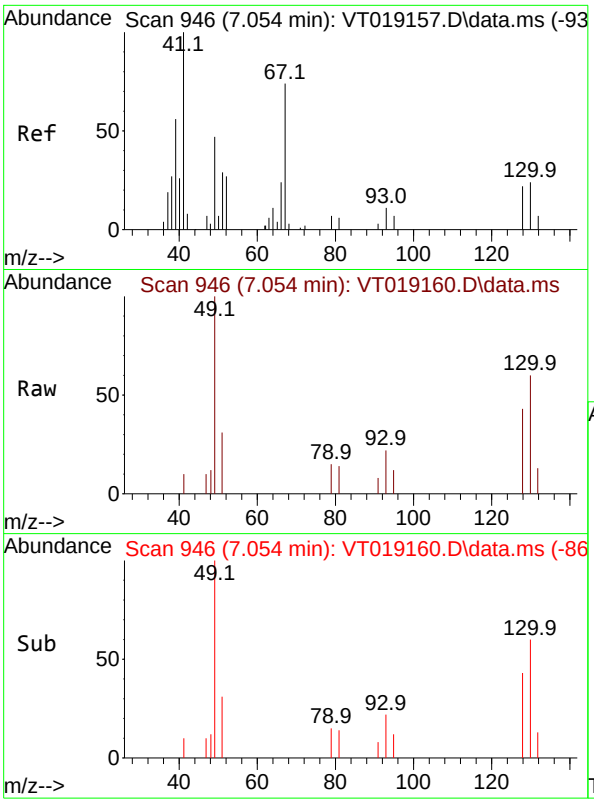


#34
Benzene
Concen: 0.157 ug/l
RT: 7.988 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 78 Resp: 760

Ion	Ratio	Lower	Upper
78	100		
77	0.0	17.6	26.4#
51	1248.3	13.8	20.6#



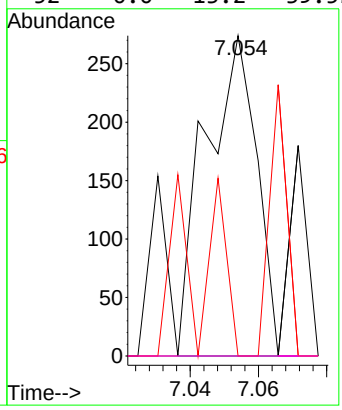


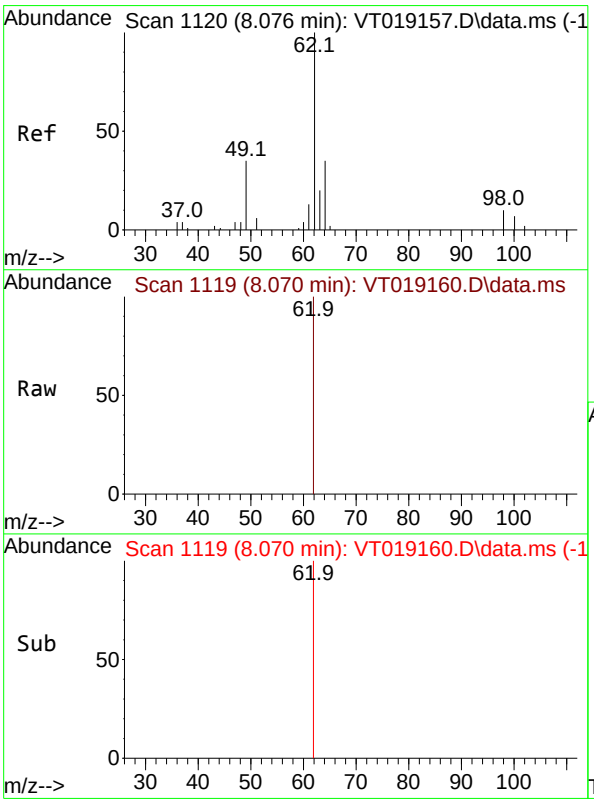
#35
Methacrylonitrile
Concen: 0.209 ug/l
RT: 7.054 min Scan# 94
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 41 Resp: 287

Ion	Ratio	Lower	Upper
41	100		
39	0.0	26.2	78.5#
67	0.0	31.4	94.3#
52	0.0	13.2	39.5#

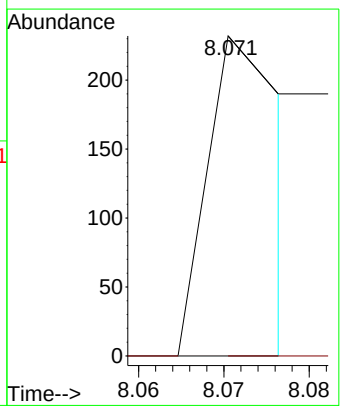


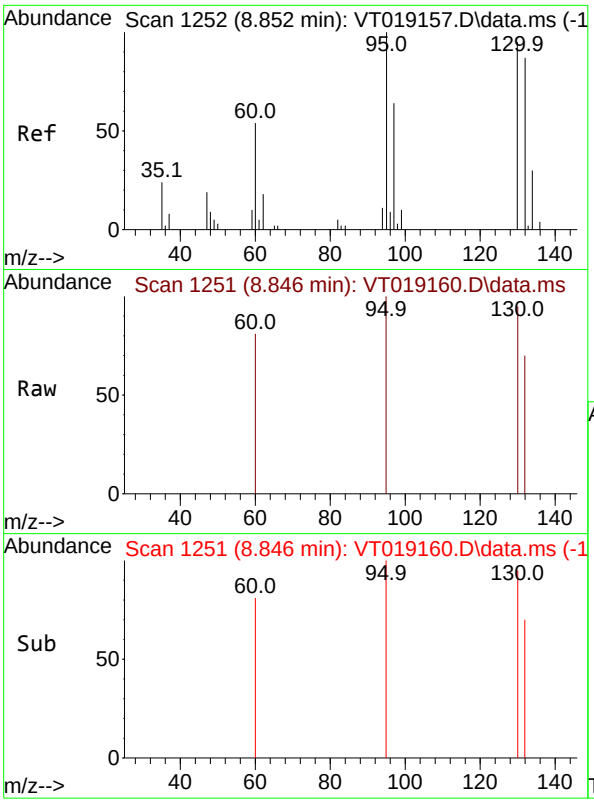


#36
1,2-Dichloroethane
Concen: 0.083 ug/l
RT: 8.070 min Scan# 1119
Delta R.T. -0.001 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 62 Resp: 149

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#



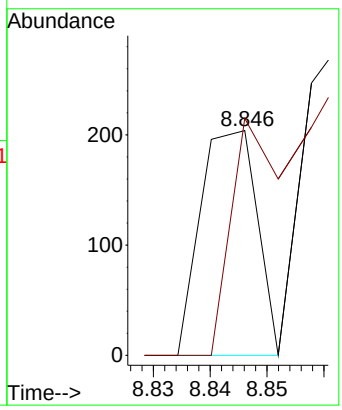


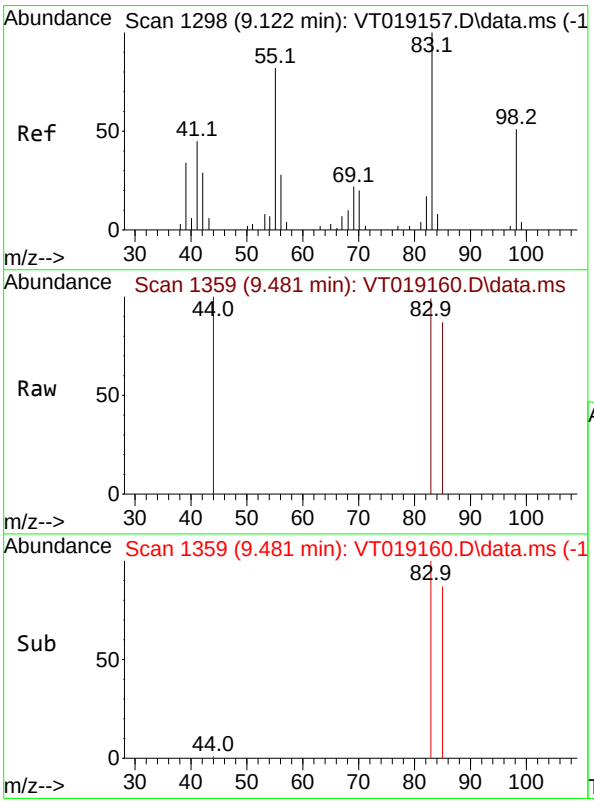
#37
Trichloroethene
Concen: 0.158 ug/l
RT: 8.846 min Scan# 1
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:130 Resp: 141

Ion	Ratio	Lower	Upper
130	100		
95	105.4	79.4	119.2

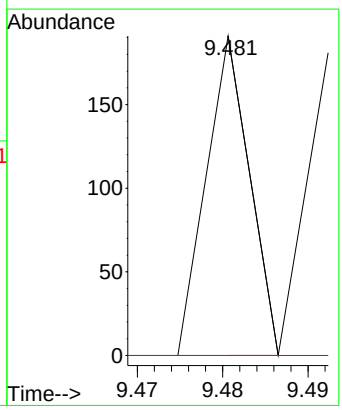


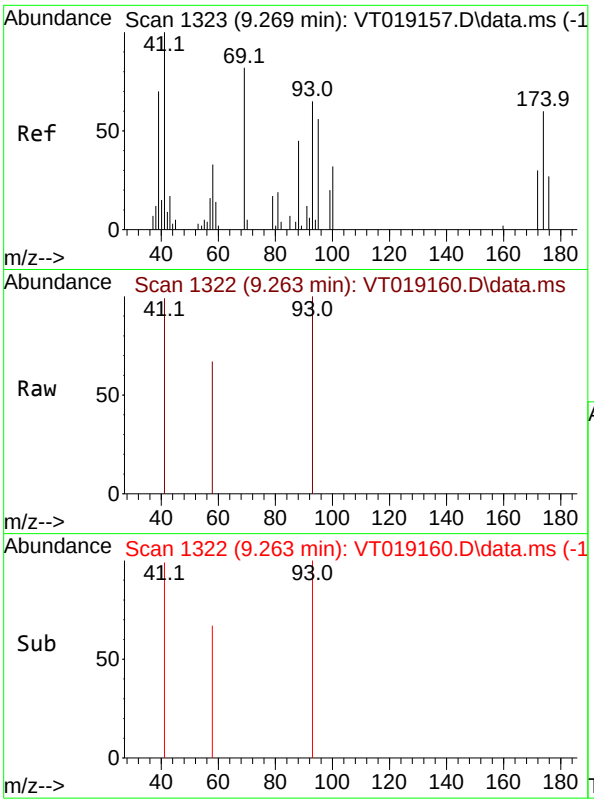


#38
Methylcyclohexane
Concen: 0.051 ug/l
RT: 9.481 min Scan# 1359
Delta R.T. 0.359 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
55	0.0	40.3	120.8#
98	0.0	24.3	72.9#



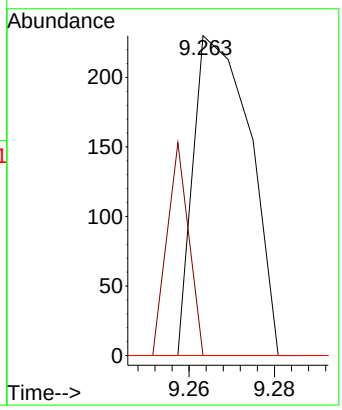


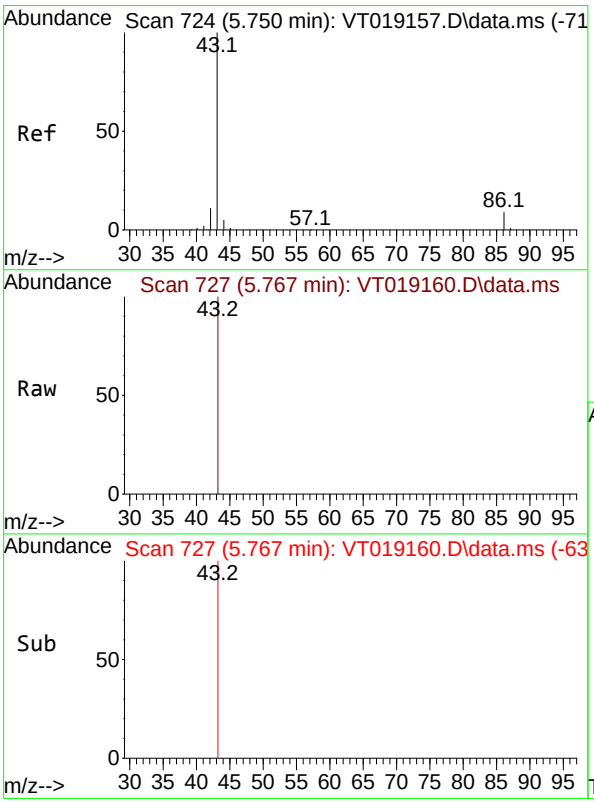
#40
Dibromomethane
Concen: 0.269 ug/l
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 93 Resp: 211

Ion	Ratio	Lower	Upper
93	100		
95	0.0	0.0	166.2
174	0.0	0.0	26.4

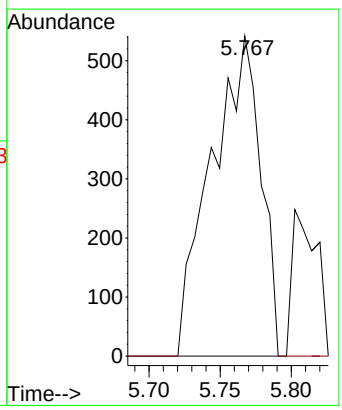


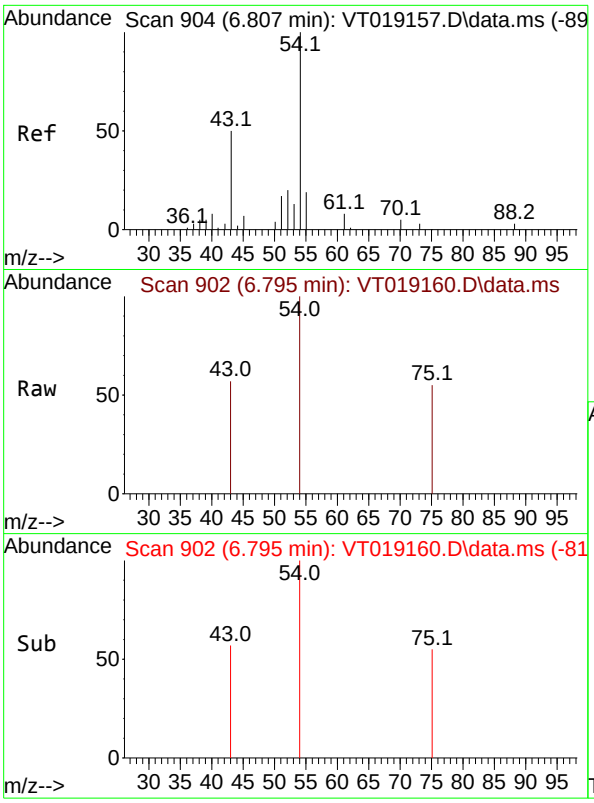


#42
Vinyl Acetate
Concen: 0.331 ug/l
RT: 5.767 min Scan# 727
Delta R.T. 0.017 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 43 Resp: 1311

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.9	10.3#



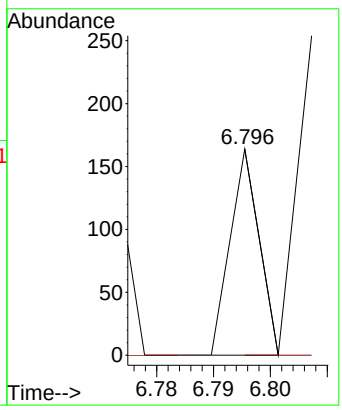


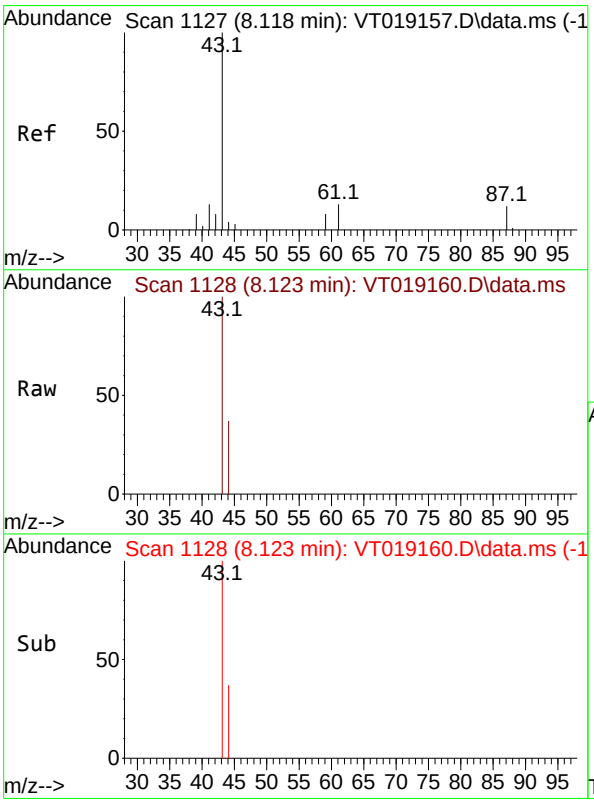
#43
Ethyl Acetate
Concen: 0.022 ug/l
RT: 6.795 min Scan# 9
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 58

Ion	Ratio	Lower	Upper
43	100		
45	0.0	10.6	16.0#

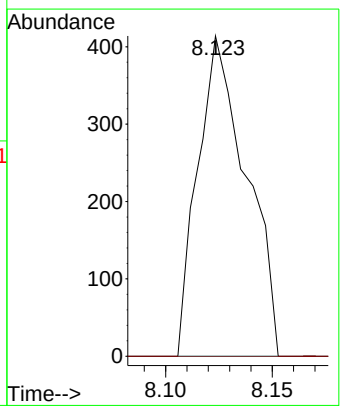


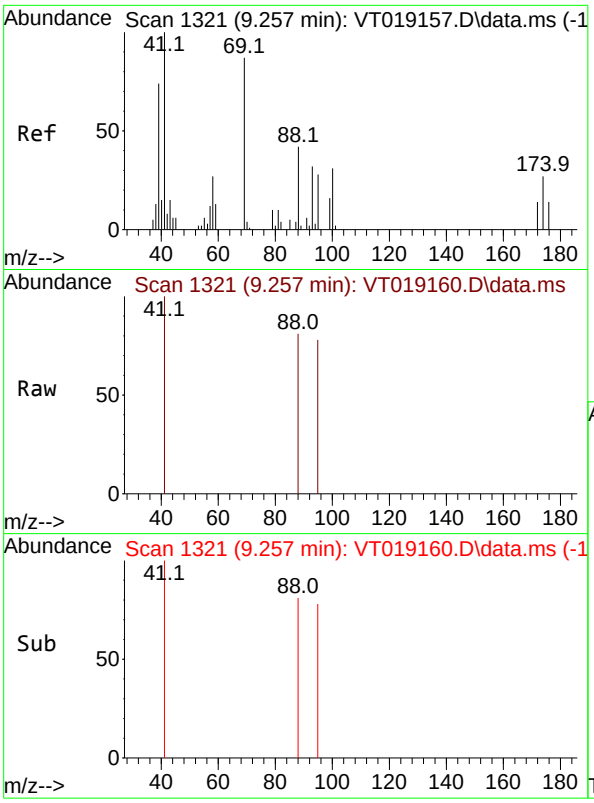


#44
Isopropyl Acetate
Concen: 0.157 ug/l
RT: 8.123 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 43 Resp: 655

Ion	Ratio	Lower	Upper
43	100		
61	173.0	14.7	22.1#



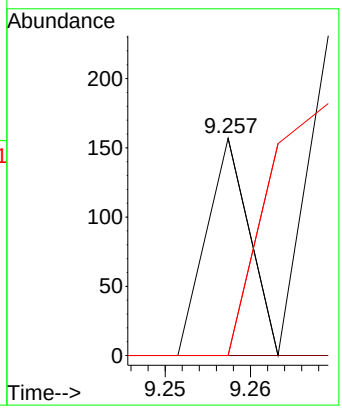


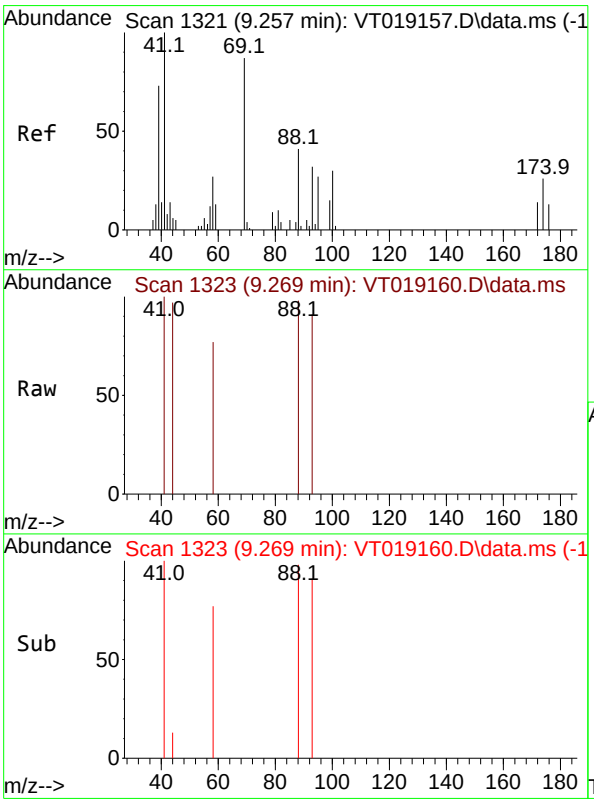
#45
1,4-Dioxane
Concen: 1.519 ug/l
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.2#
58	0.0	33.3	49.9#

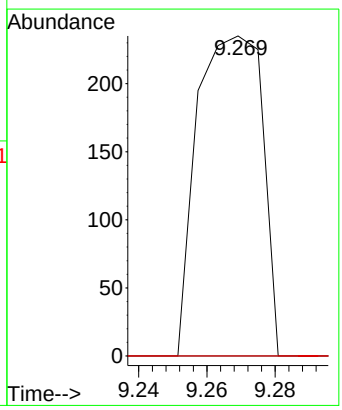


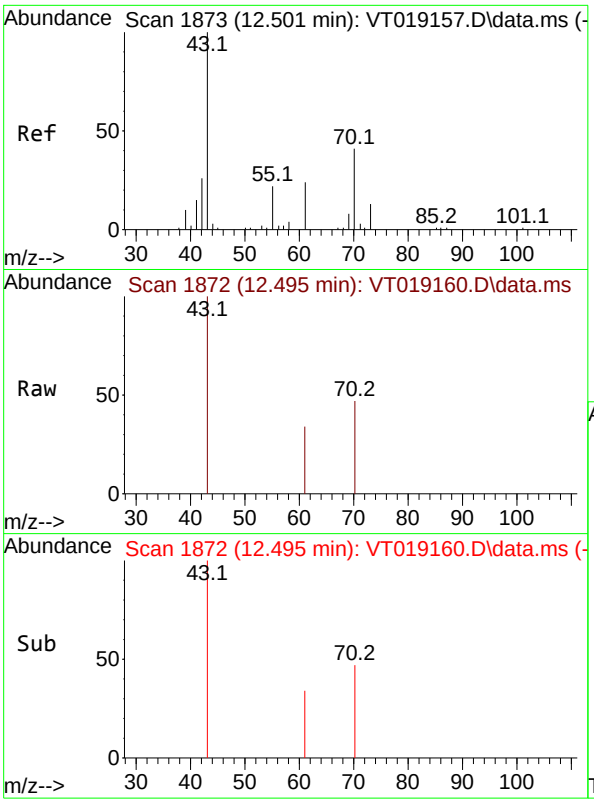


#46
Methyl methacrylate
Concen: 0.167 ug/l
RT: 9.269 min Scan# 1323
Delta R.T. 0.012 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 41 Resp: 311

Ion	Ratio	Lower	Upper
41	100		
69	0.0	35.8	107.3#
39	0.0	24.4	73.4#



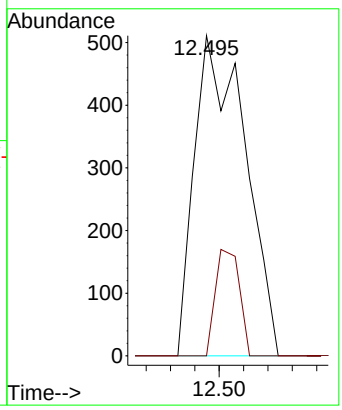


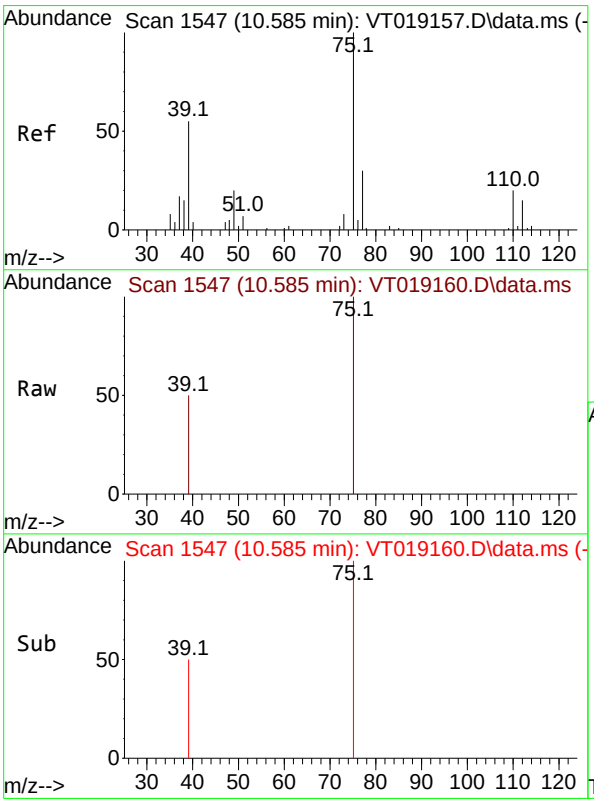
#47
n-amyl Acetate
Concen: 0.262 ug/l
RT: 12.495 min Scan# 1
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 737

Ion	Ratio	Lower	Upper
43	100		
55	15.7	18.4	27.6#

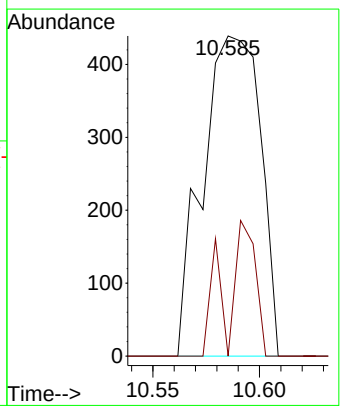


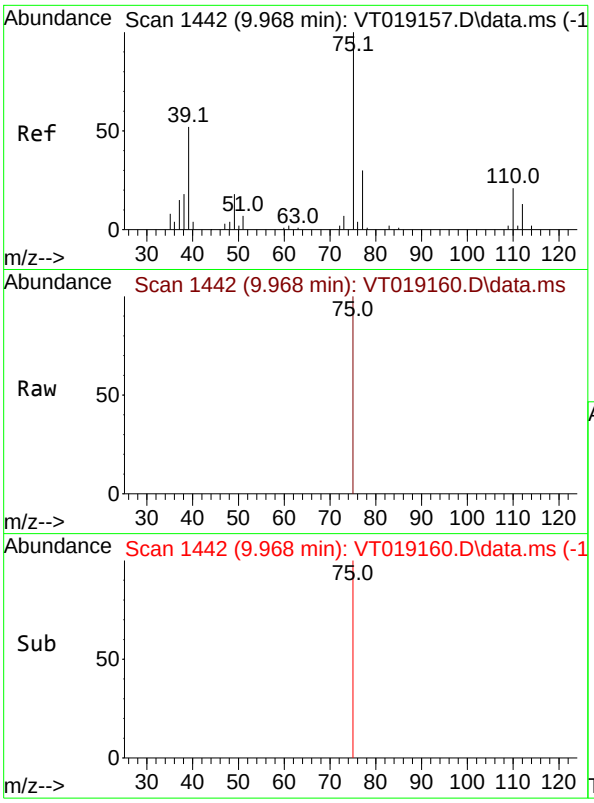


#48
t-1,3-Dichloropropene
Concen: 0.454 ug/l
RT: 10.585 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 75 Resp: 829

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.4	36.6#



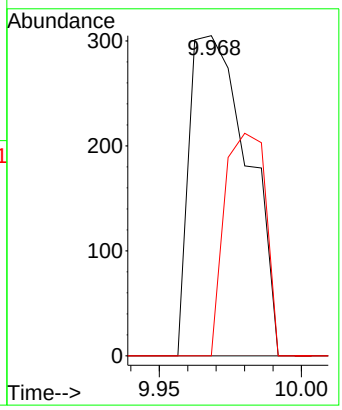


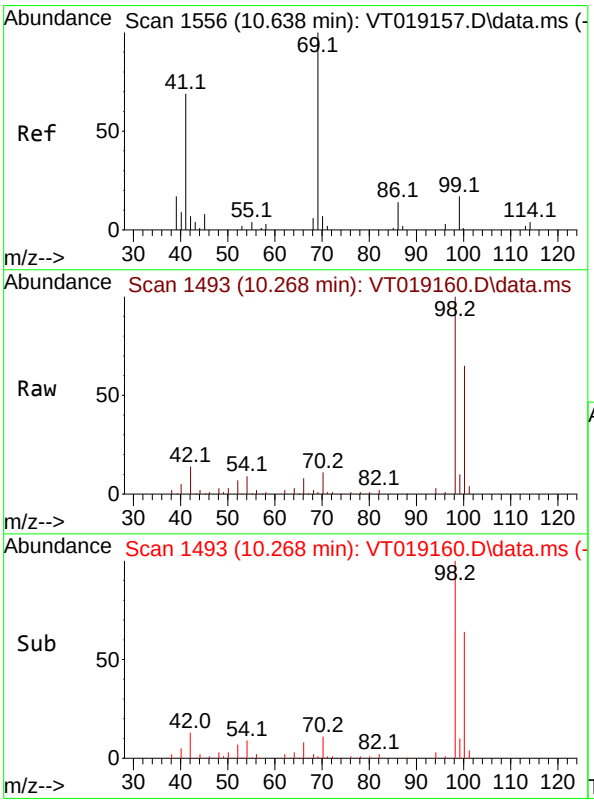
#49
cis-1,3-Dichloropropene
Concen: 0.228 ug/l
RT: 9.968 min Scan# 14
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 437

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	0.0	42.7	64.1#

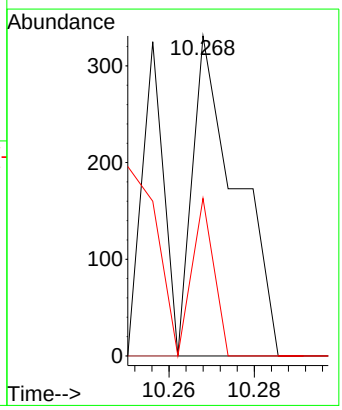


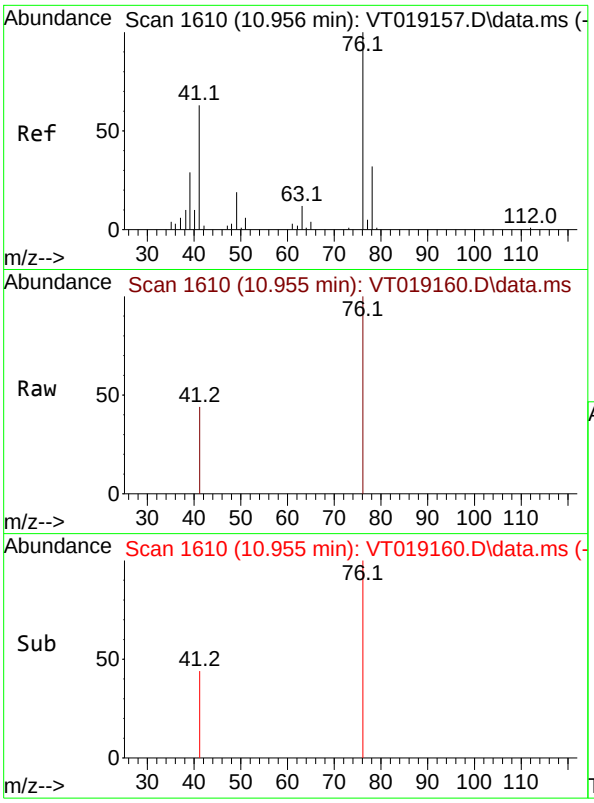


#51
Ethyl methacrylate
Concen: 0.111 ug/l
RT: 10.268 min Scan# 1493
Delta R.T. -0.370 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 69 Resp: 239

Ion	Ratio	Lower	Upper
69	100		
41	0.0	35.0	105.1#
39	49.2	19.5	58.5



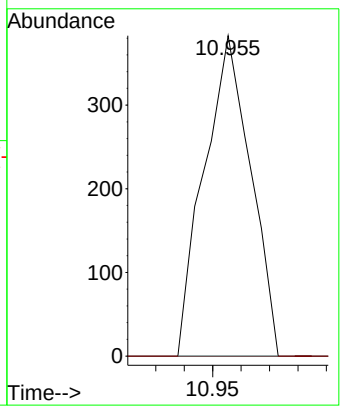


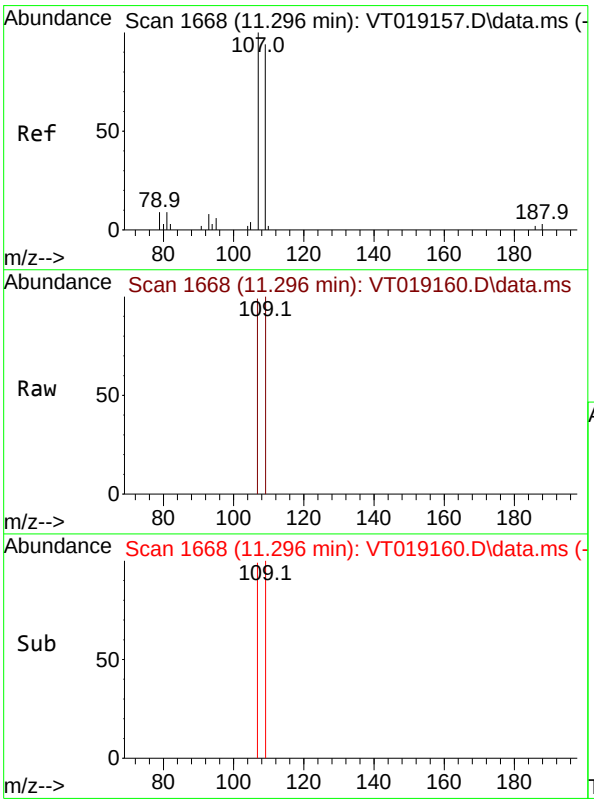
#52
1,3-Dichloropropane
Concen: 0.212 ug/l
RT: 10.955 min Scan# 1
Delta R.T. -0.001 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 76 Resp: 436

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	63.6

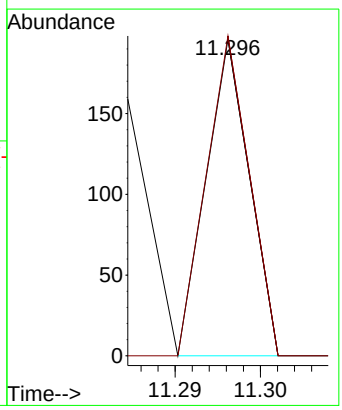


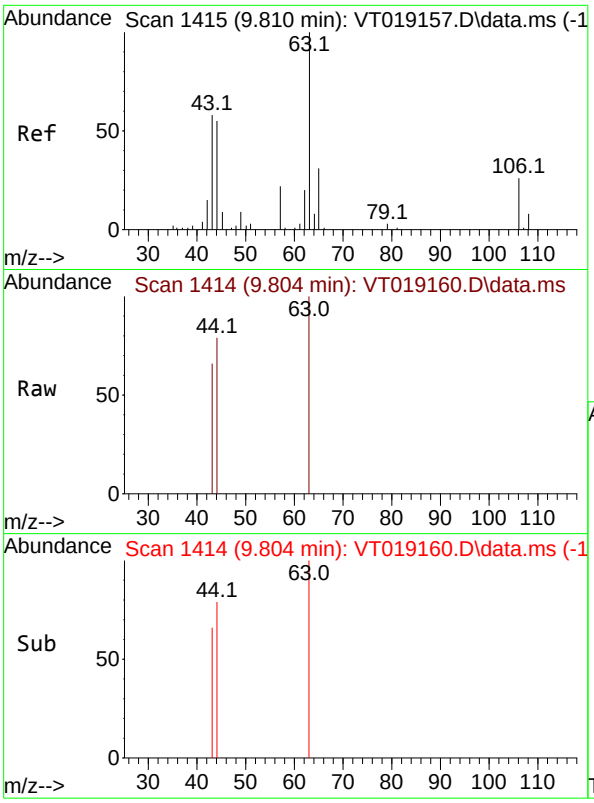


#54
1,2-Dibromoethane
Concen: 0.064 ug/l
RT: 11.296 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:107 Resp: 69

Ion	Ratio	Lower	Upper
107	100		
109	0.0	74.0	111.0#



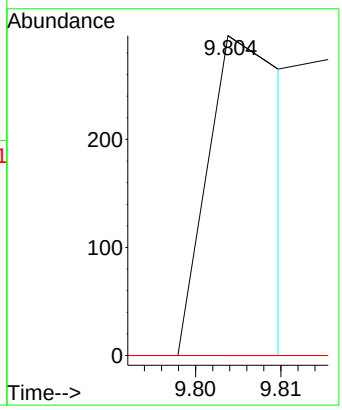


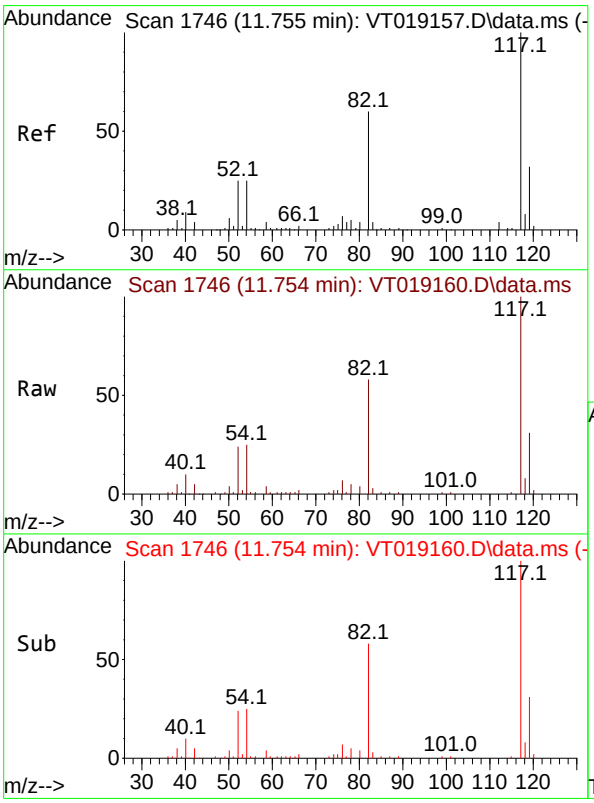
#55
2-Chloroethyl vinyl ether
Concen: 0.314 ug/l
RT: 9.804 min Scan# 14
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 198

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.8	38.6#
106	0.0	22.1	33.1#

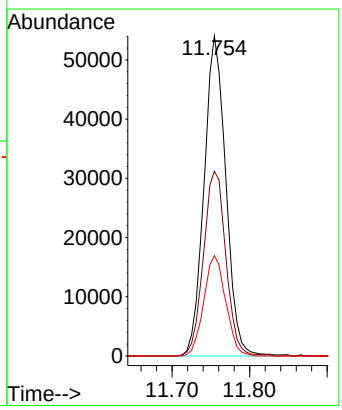


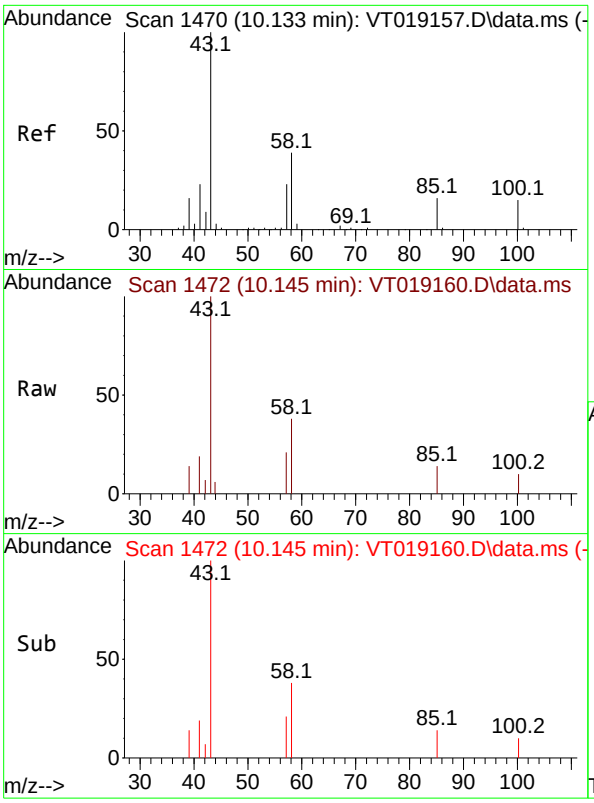


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.754 min Scan# 1746
Delta R.T. -0.001 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:117 Resp: 105430

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.0	69.0
119	31.5	25.8	38.8



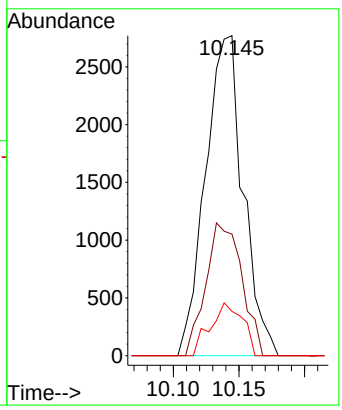


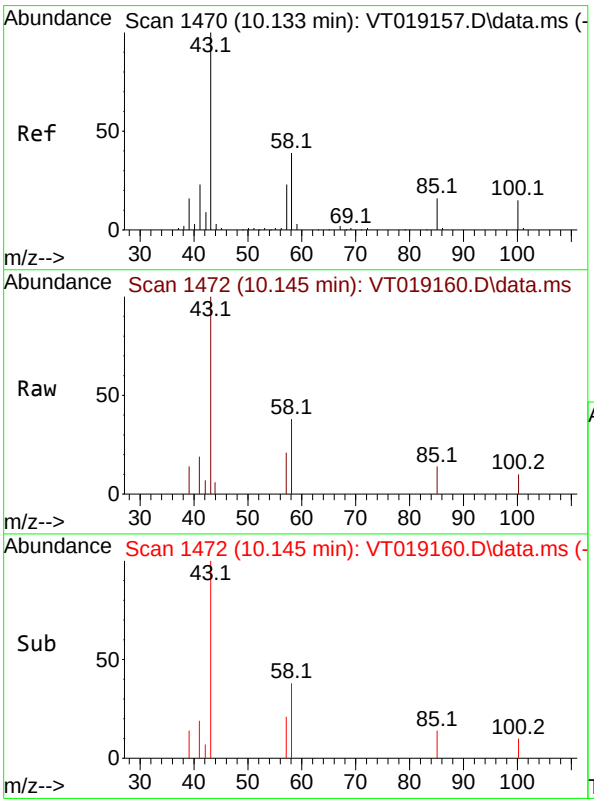
#58
4-Methyl-2-Pentanone
Concen: 2.138 ug/l
RT: 10.145 min Scan# 14
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 5519

Ion	Ratio	Lower	Upper
43	100		
58	39.7	30.6	45.8
85	14.2	13.4	20.2

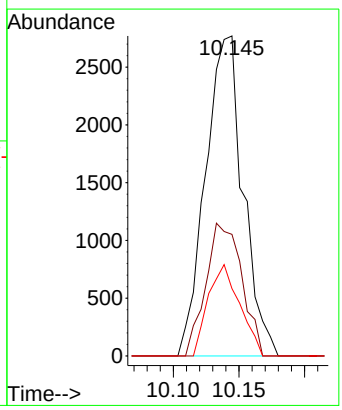


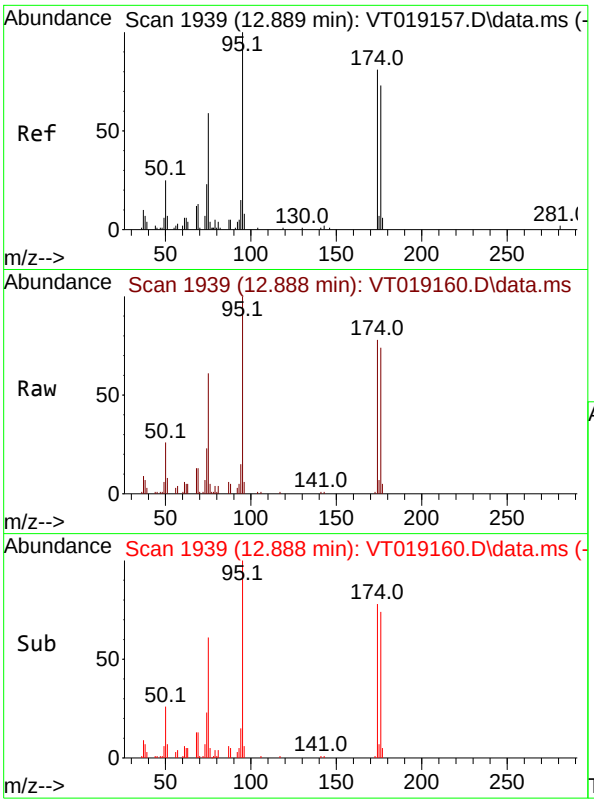


#59
2-Hexanone
Concen: 2.138 ug/l
RT: 10.145 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 43 Resp: 5519

Ion	Ratio	Lower	Upper
43	100		
58	39.7	42.0	63.0#
57	24.0	14.6	21.8#



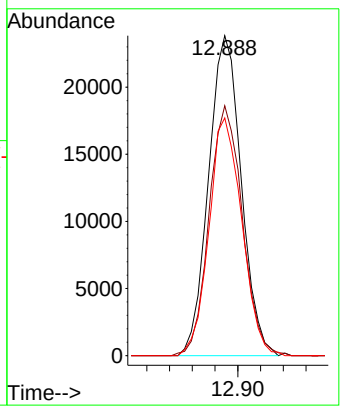


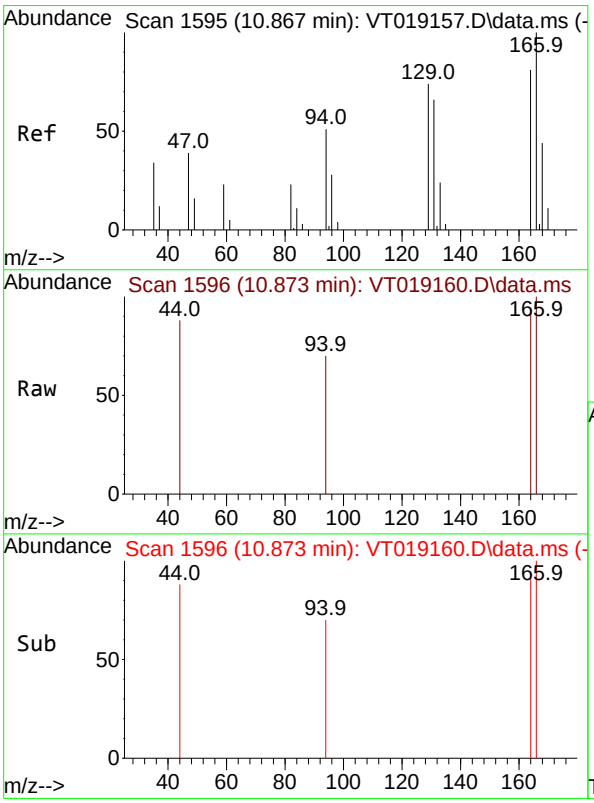
#60
4-Bromofluorobenzene
Concen: 28.722 ug/l
RT: 12.888 min Scan# 1
Delta R.T. -0.001 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 47593

Ion	Ratio	Lower	Upper
95	100		
174	79.2	57.5	86.3
176	74.6	56.4	84.6

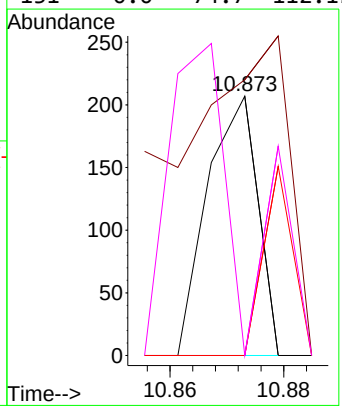


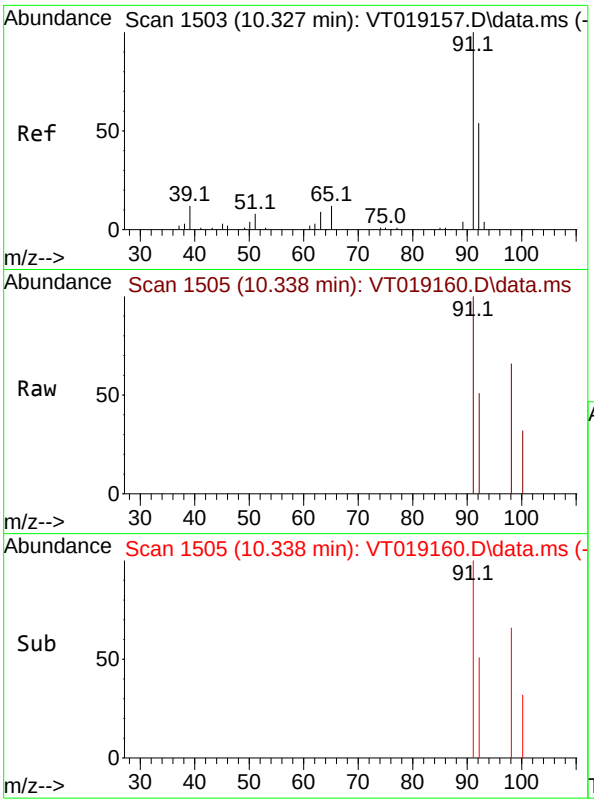


#61
Tetrachloroethene
Concen: 0.191 ug/l
RT: 10.873 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:164 Resp: 127

Ion	Ratio	Lower	Upper
164	100		
166	33.8	101.0	151.4#
129	0.0	78.6	117.8#
131	0.0	74.7	112.1#



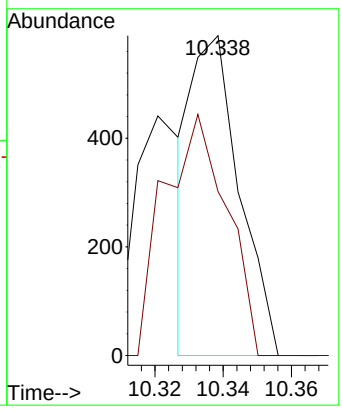


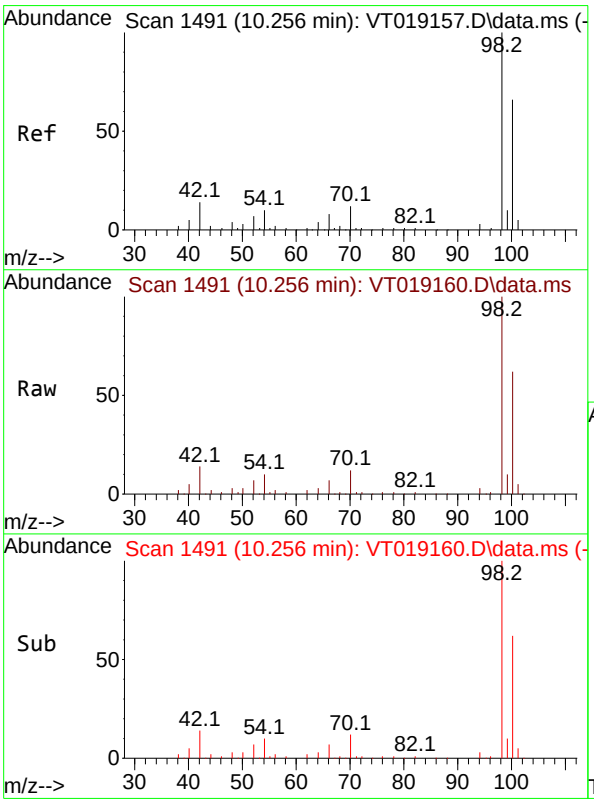
#62
Toluene
Concen: 0.121 ug/l
RT: 10.338 min Scan# 1
Delta R.T. 0.005 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 571

Ion	Ratio	Lower	Upper
91	100		
92	99.5	46.6	69.8#

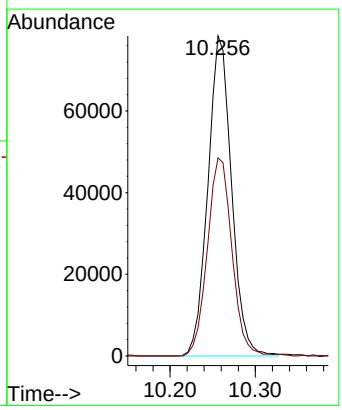


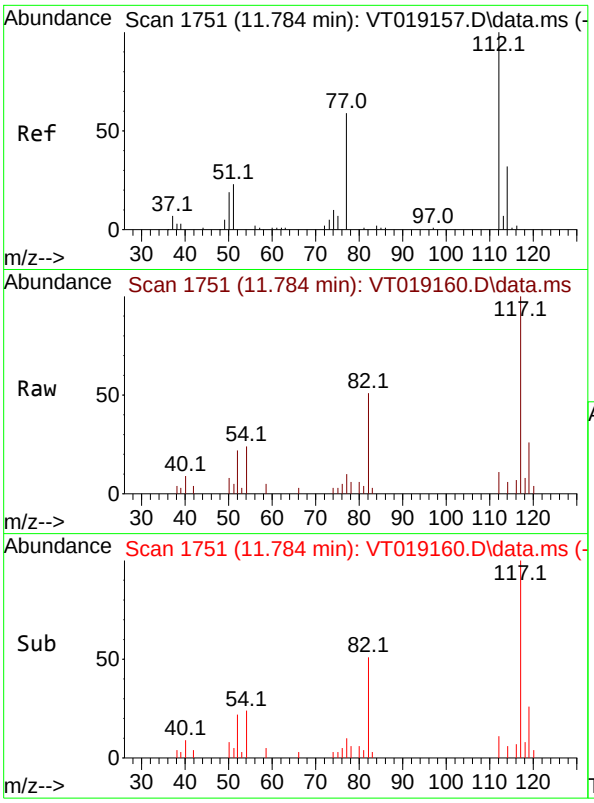


#63
Toluene-d8
Concen: 29.501 ug/l
RT: 10.256 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 98 Resp: 151385

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3



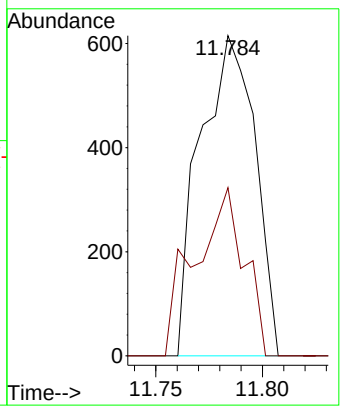


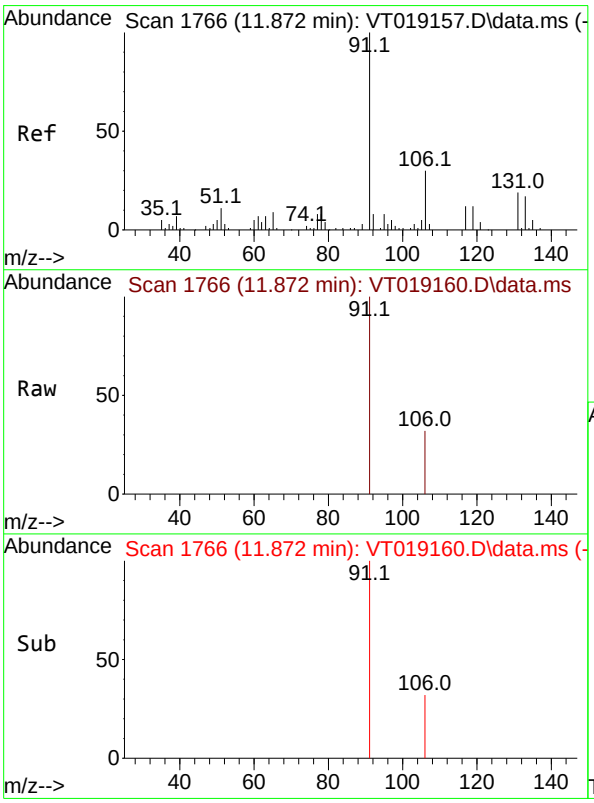
#64
Chlorobenzene
Concen: 0.382 ug/l
RT: 11.784 min Scan# 1
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:112 Resp: 1101

Ion	Ratio	Lower	Upper
112	100		
114	52.5	23.6	35.4#

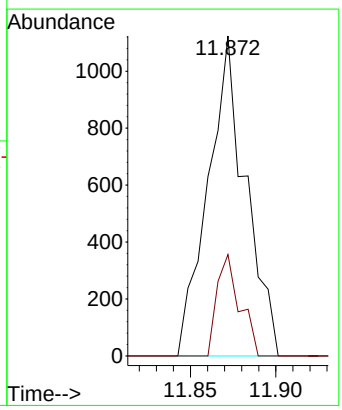


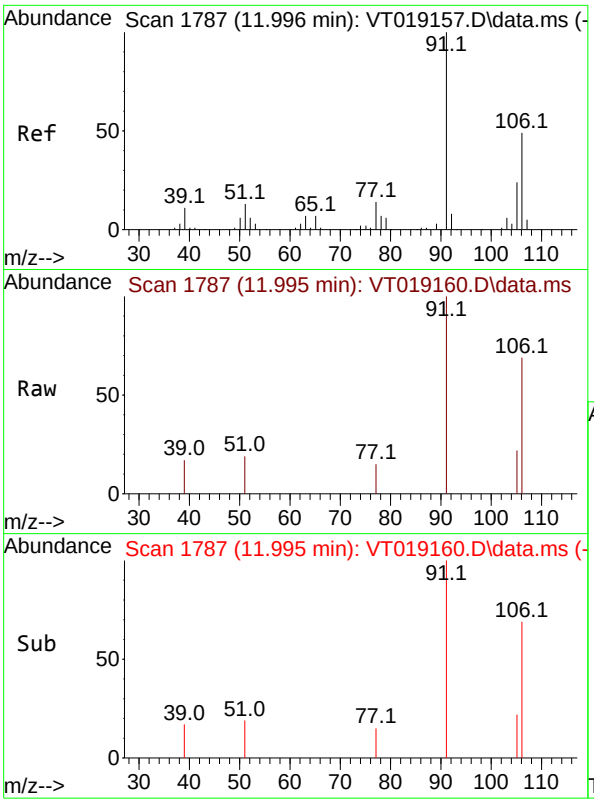


#66
Ethyl Benzene
Concen: 0.336 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 91 Resp: 1723

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.1	37.7



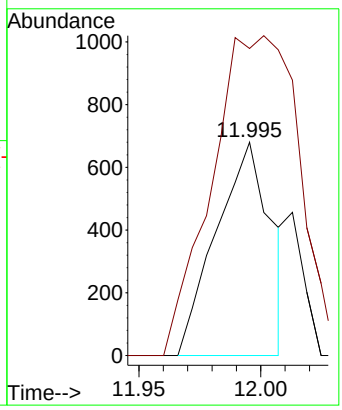


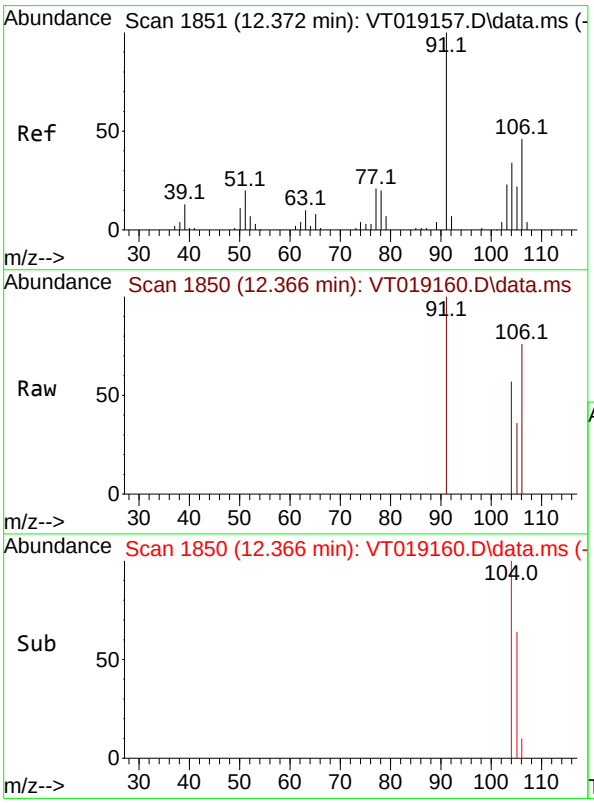
#67
m/p-Xylenes
Concen: 0.555 ug/l
RT: 11.995 min Scan# 1
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 1059

Ion	Ratio	Lower	Upper
106	100		
91	121.8	164.4	246.6#

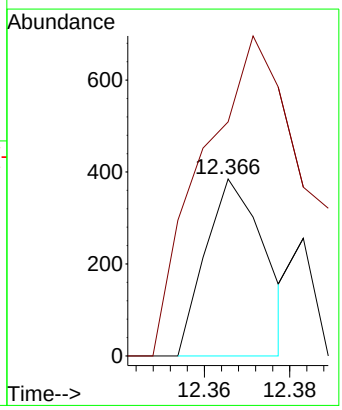


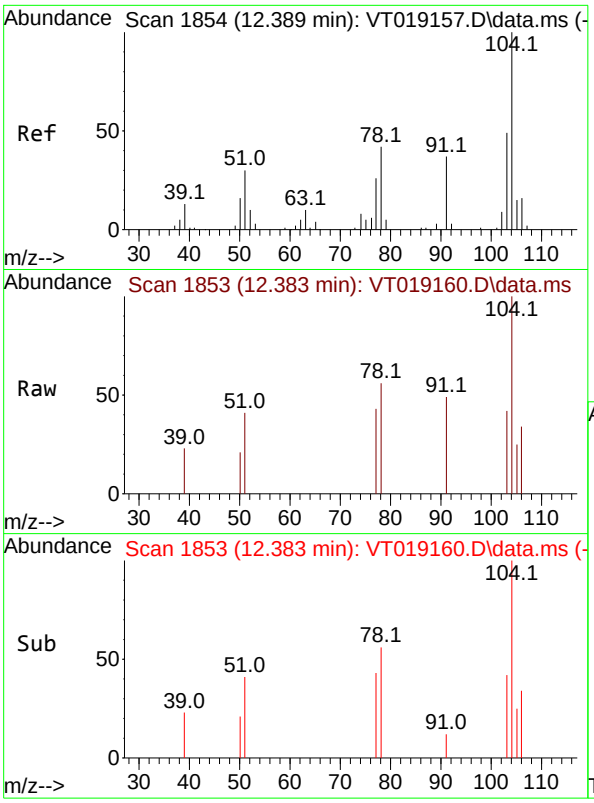


#68
o-Xylene
Concen: 0.189 ug/l
RT: 12.366 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:106 Resp: 373

Ion	Ratio	Lower	Upper
106	100		
91	319.8	111.3	333.8



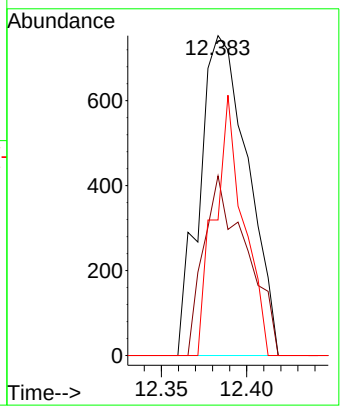


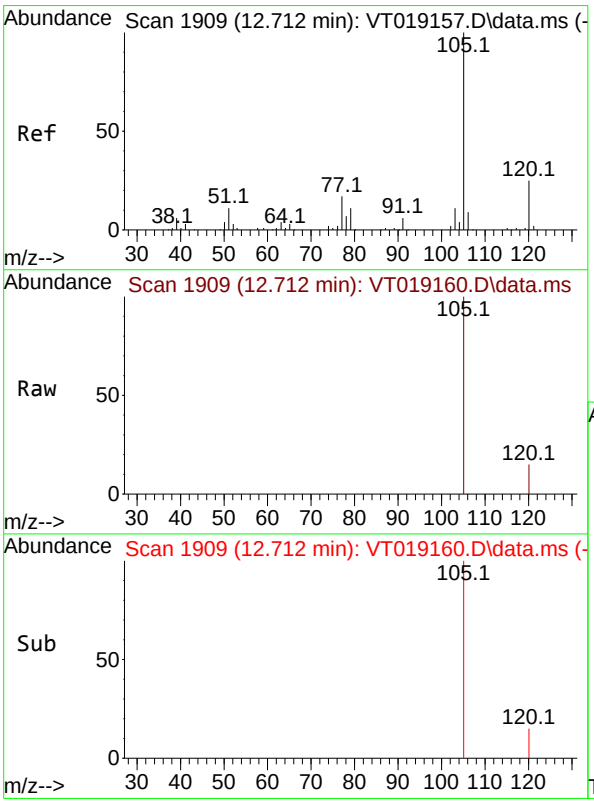
#69
Styrene
Concen: 0.419 ug/l
RT: 12.383 min Scan# 1
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:104 Resp: 1482

Ion	Ratio	Lower	Upper
104	100		
78	49.8	42.6	63.8
103	49.1	43.5	65.3

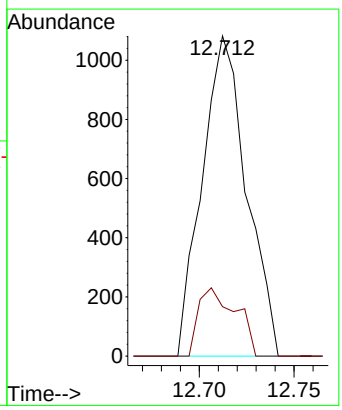


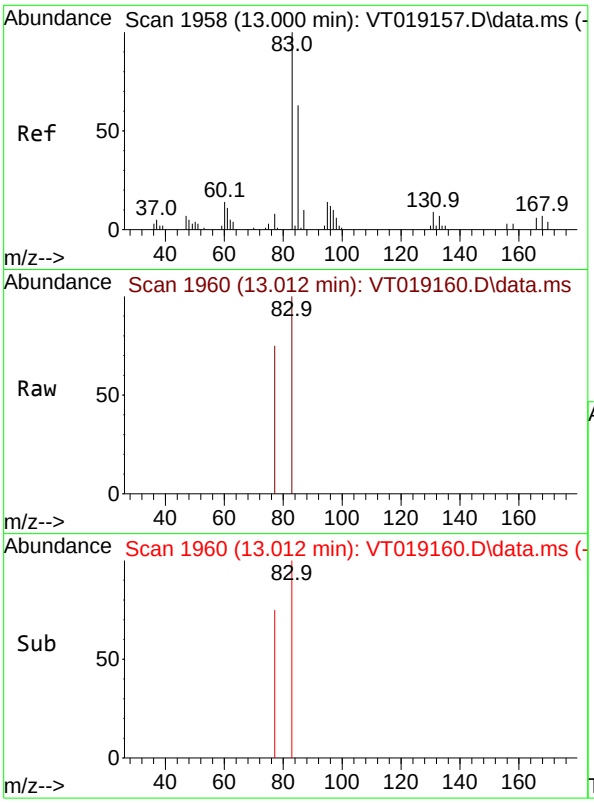


#70
Isopropylbenzene
Concen: 0.364 ug/l
RT: 12.712 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:105 Resp: 1760

Ion	Ratio	Lower	Upper
105	100		
120	14.8	17.8	33.0#



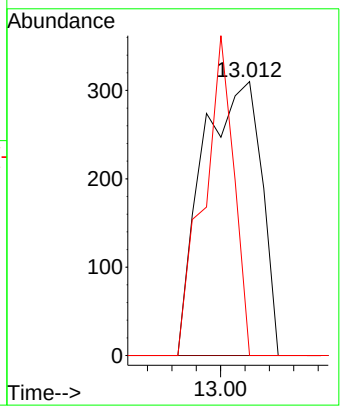


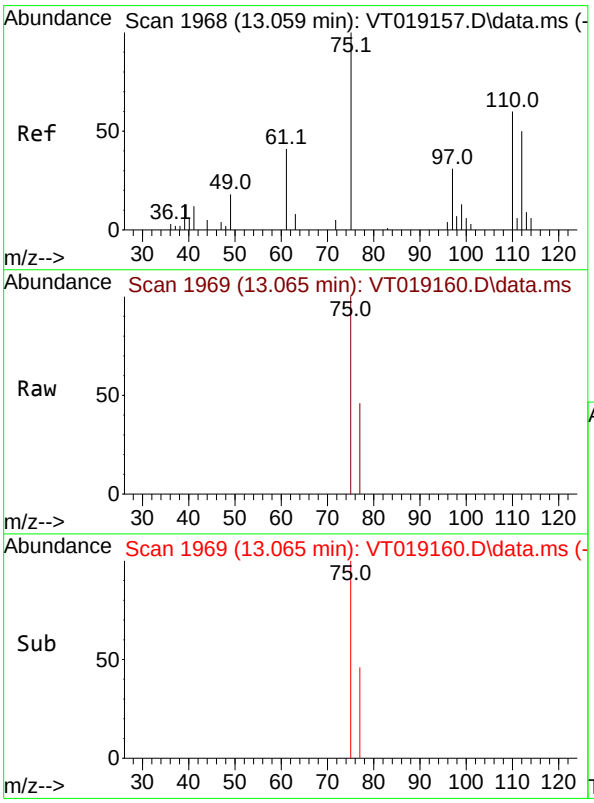
#71
1,1,2,2-Tetrachloroethane
Concen: 0.274 ug/l
RT: 13.012 min Scan# 1
Delta R.T. 0.012 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 83 Resp: 519

Ion	Ratio	Lower	Upper
83	100		
131	0.0	6.0	18.0#
85	59.9	32.3	96.9

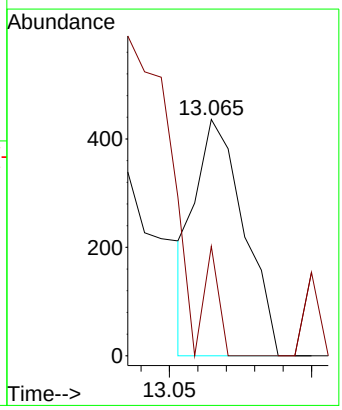


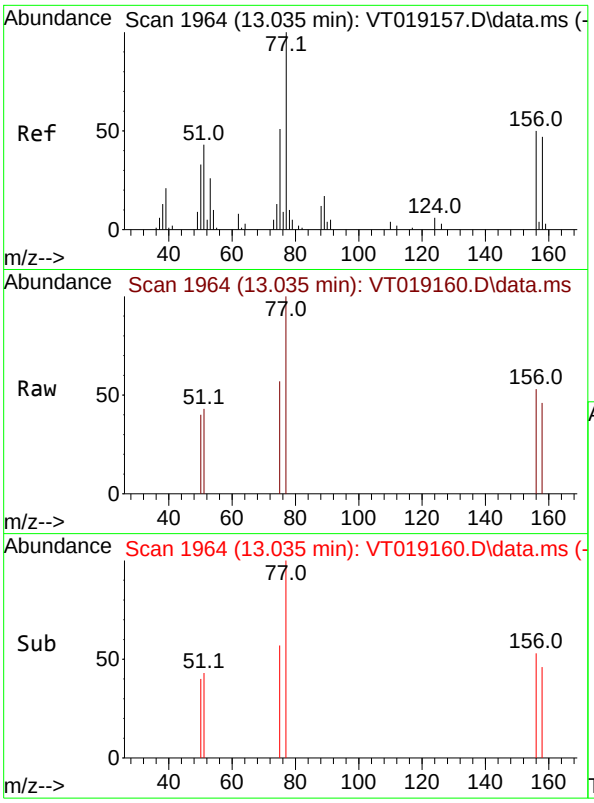


#72
1,2,3-Trichloropropane
Concen: 0.372 ug/l
RT: 13.065 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 75 Resp: 521

Ion	Ratio	Lower	Upper
75	100		
77	13.6	0.0	74.2



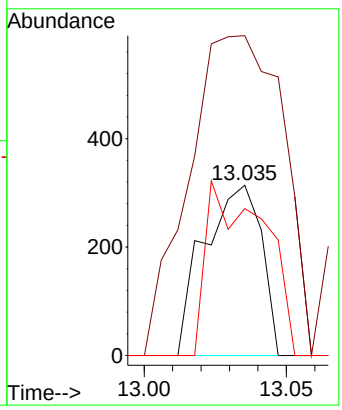


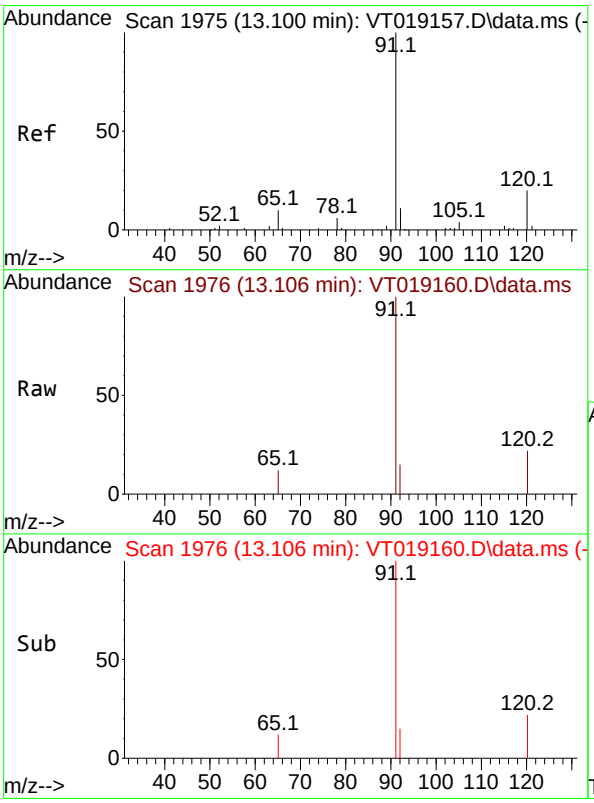
#73
Bromobenzene
Concen: 0.387 ug/l
RT: 13.035 min Scan# 1
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:156 Resp: 440

Ion	Ratio	Lower	Upper
156	100		
77	309.3	0.0	340.8
158	44.5	0.0	189.0

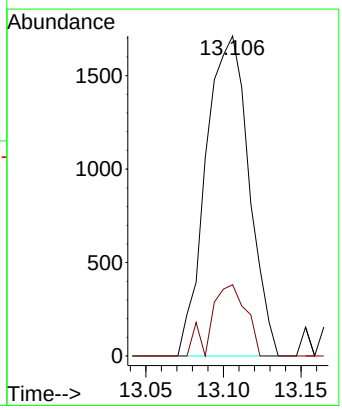


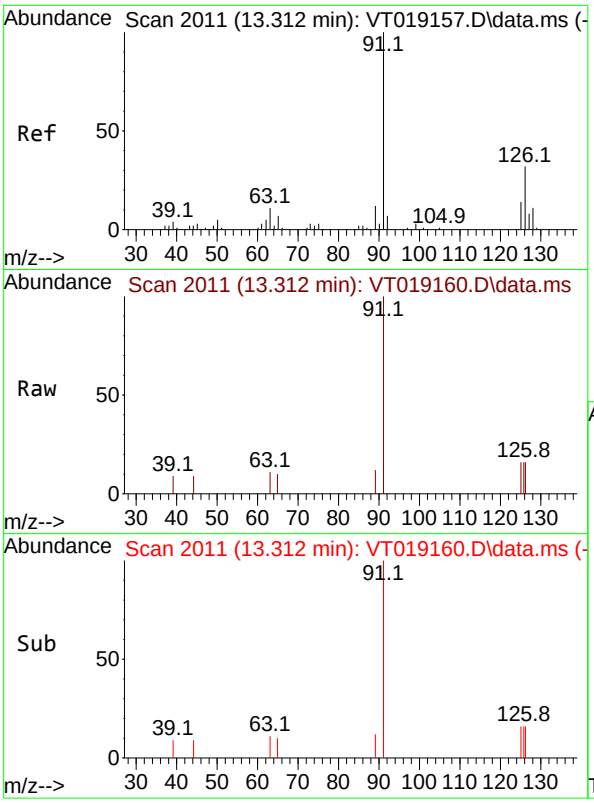


#74
n-propylbenzene
Concen: 0.568 ug/l
RT: 13.106 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 91 Resp: 3306

Ion	Ratio	Lower	Upper
91	100		
120	16.2	0.0	44.4



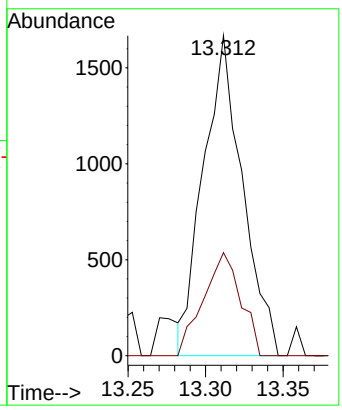


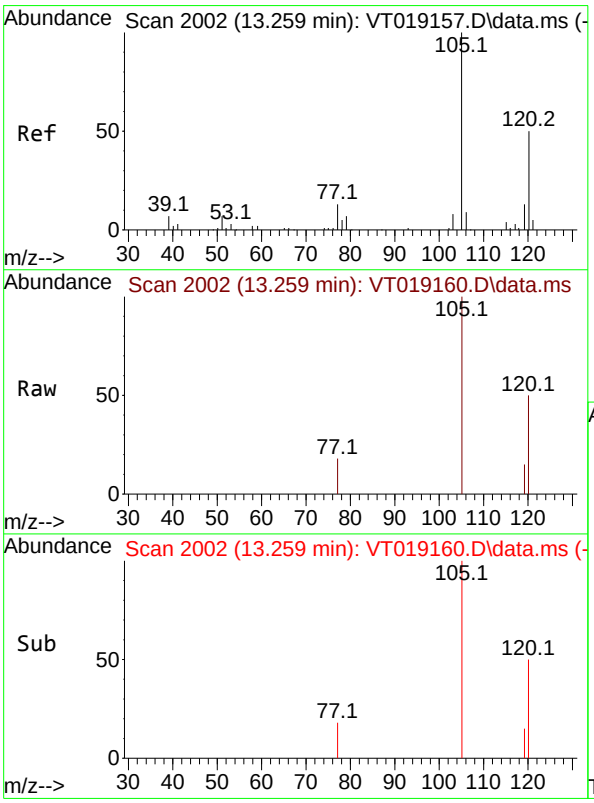
#75
2-Chlorotoluene
Concen: 0.818 ug/l
RT: 13.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 2918

Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	63.6

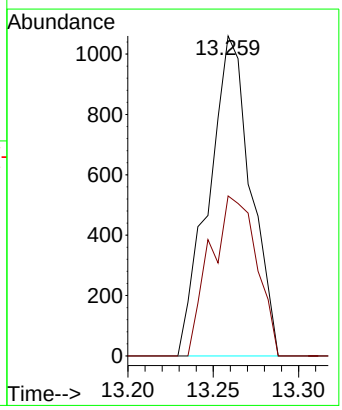


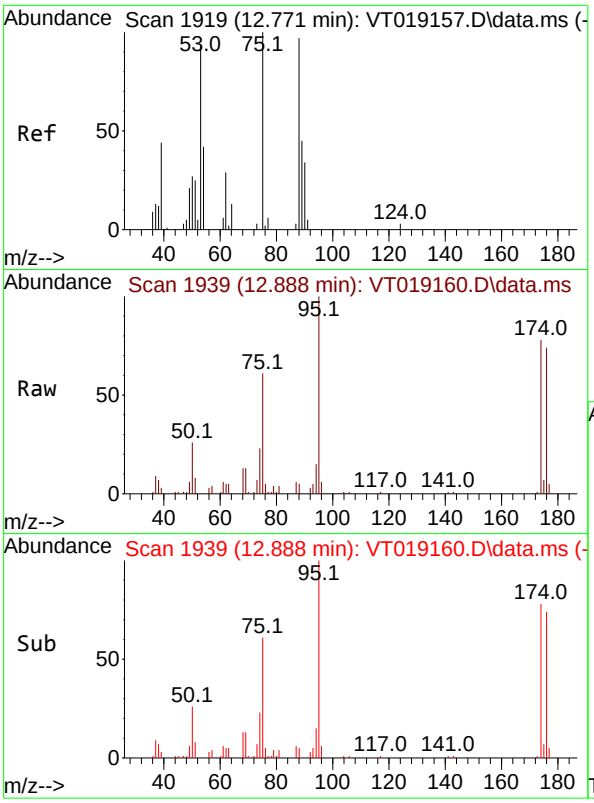


#76
1,3,5-Trimethylbenzene
Concen: 0.460 ug/l
RT: 13.259 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:105 Resp: 1822

Ion	Ratio	Lower	Upper
105	100		
120	55.0	0.0	93.0



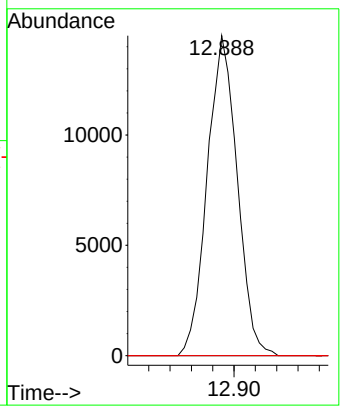


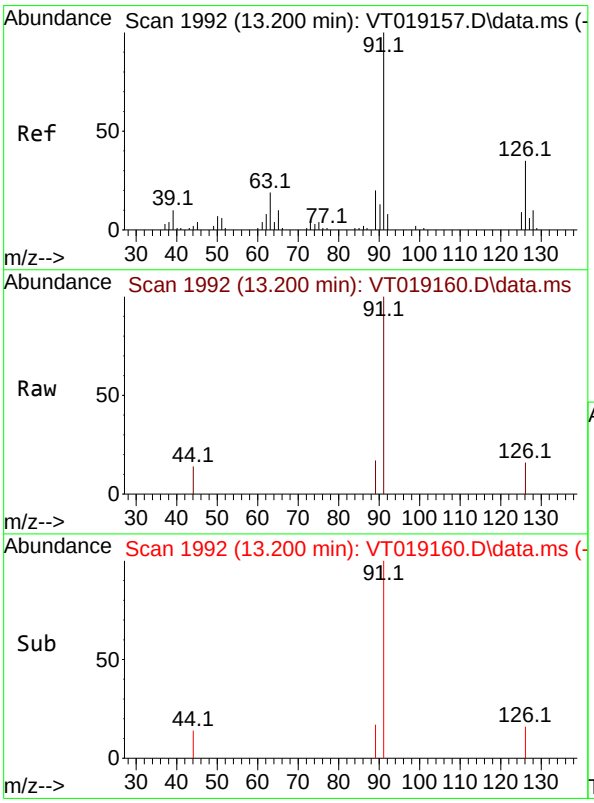
#77
t-1,4-Dichloro-2-butene
Concen: 41.767 ug/l
RT: 12.888 min Scan# 1
Delta R.T. 0.123 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 28391

Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.4	145.2#
89	0.0	33.8	101.3#

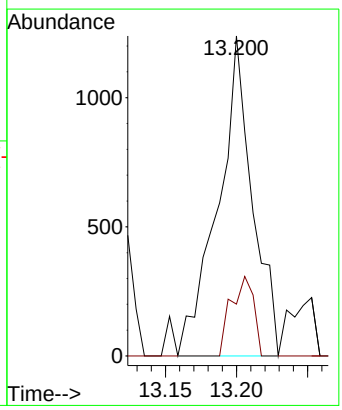


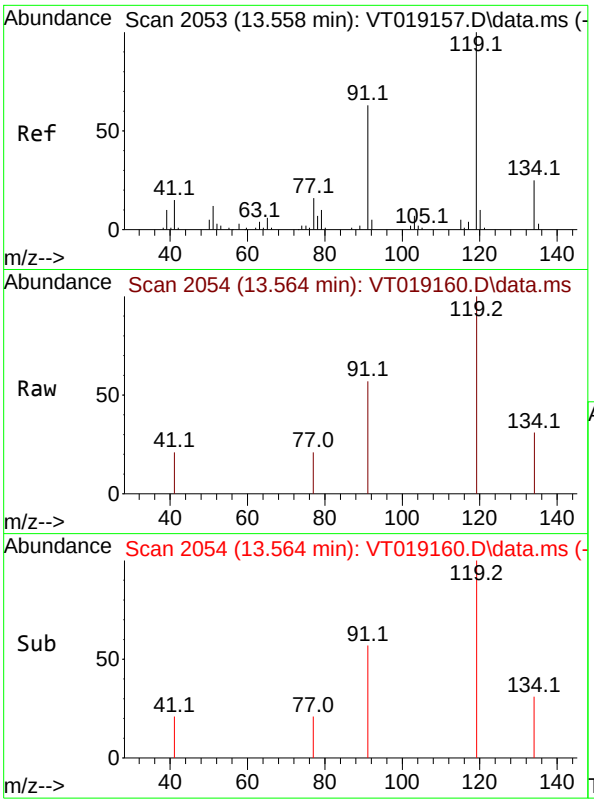


#78
4-Chlorotoluene
Concen: 0.592 ug/l
RT: 13.200 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 91 Resp: 2083

Ion	Ratio	Lower	Upper
91	100		
126	16.3	0.0	57.2



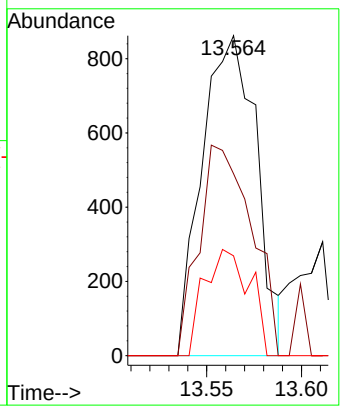


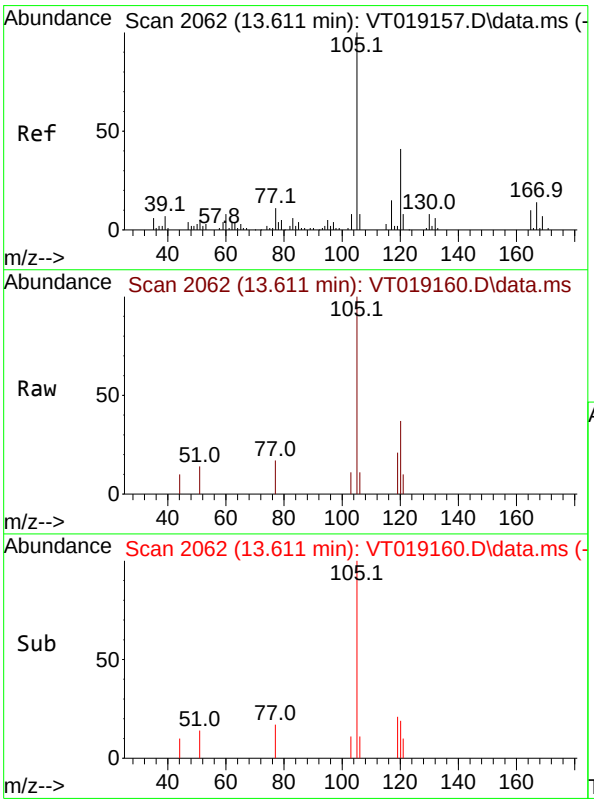
#79
tert-butylbenzene
Concen: 0.490 ug/l
RT: 13.564 min Scan# 2
Delta R.T. 0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:119 Resp: 1724

Ion	Ratio	Lower	Upper
119	100		
91	63.6	0.0	120.6
134	27.7	0.0	46.0

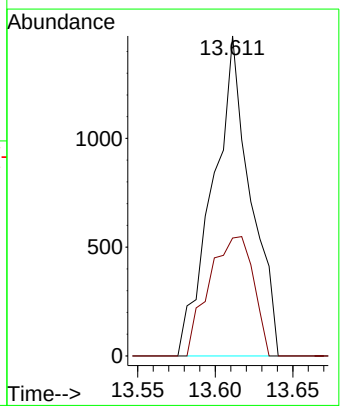


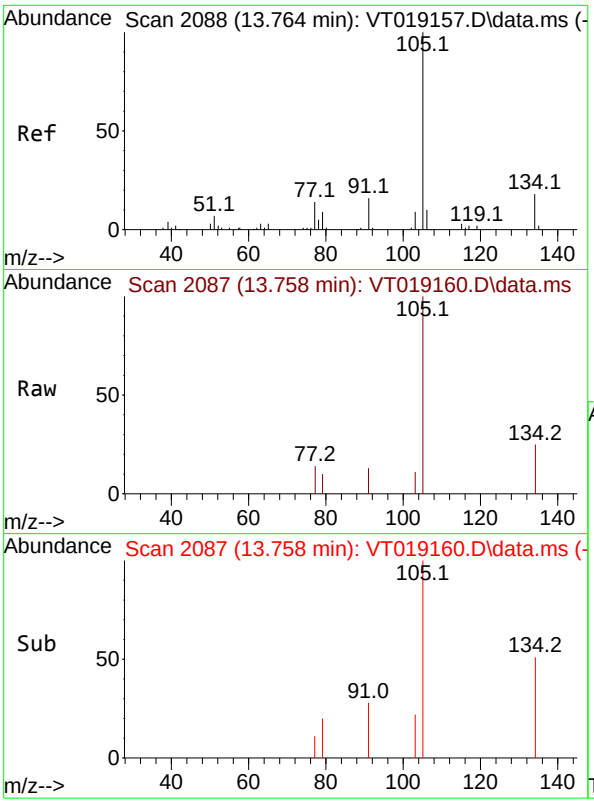


#80
1,2,4-Trimethylbenzene
Concen: 0.601 ug/l
RT: 13.611 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:105 Resp: 2485

Ion	Ratio	Lower	Upper
105	100		
120	43.9	0.0	88.6



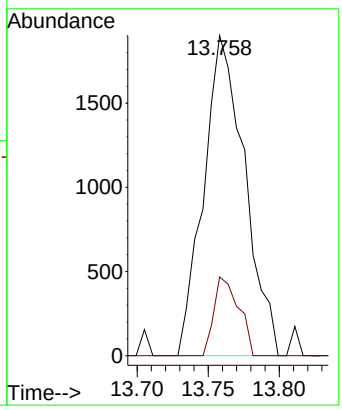


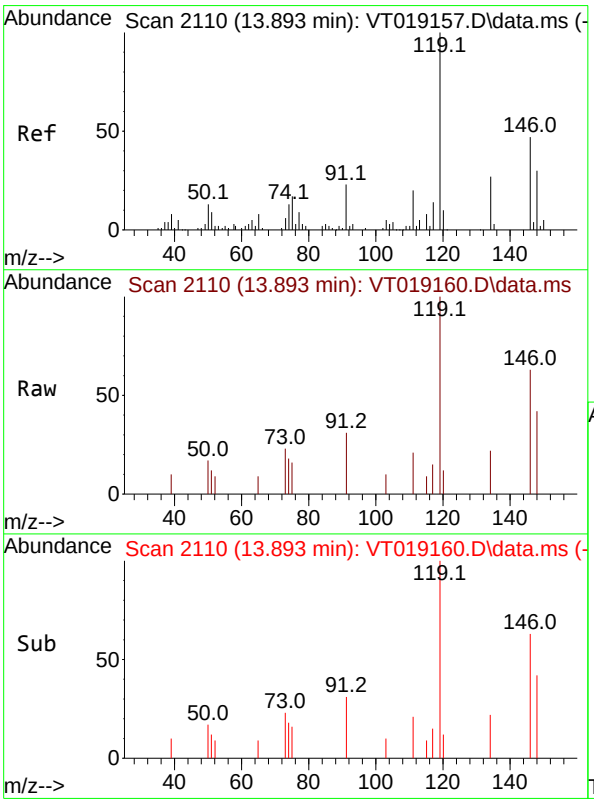
#81
sec-Butylbenzene
Concen: 0.752 ug/l
RT: 13.758 min Scan# 2
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 3816

Ion	Ratio	Lower	Upper
105	100		
134	14.9	0.0	39.4

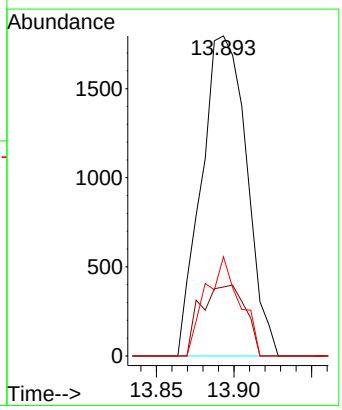


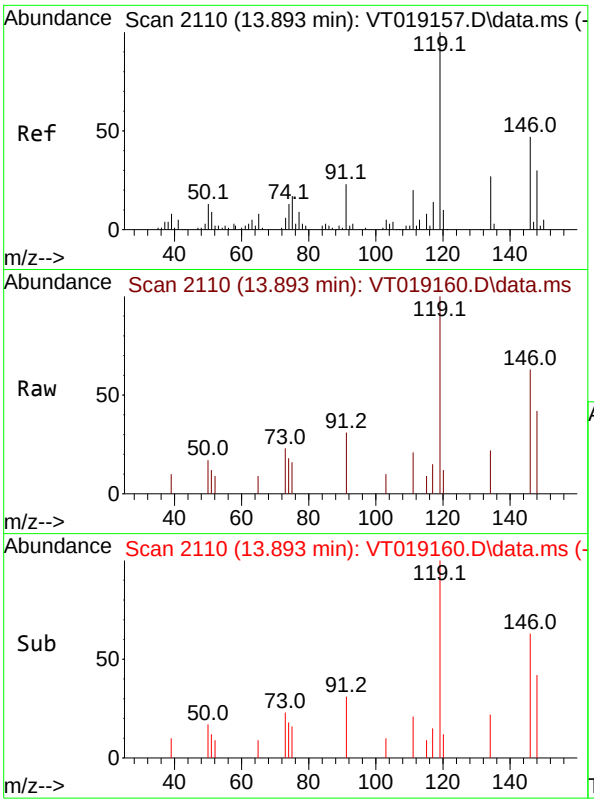


#82
p-Isopropyltoluene
Concen: 0.860 ug/l
RT: 13.893 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:119 Resp: 3629

Ion	Ratio	Lower	Upper
119	100		
134	21.9	0.0	50.8
91	23.6	0.0	51.0



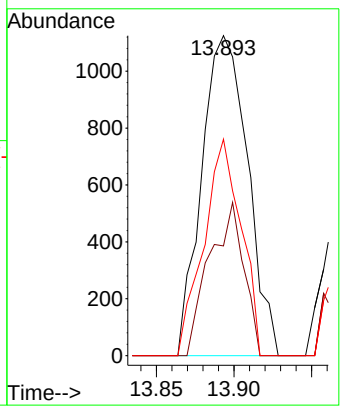


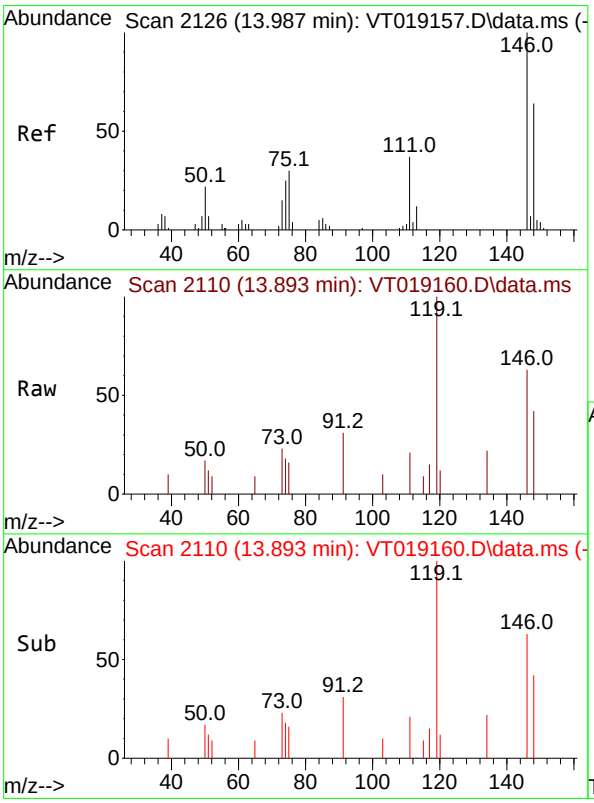
#83
1,3-Dichlorobenzene
Concen: 1.041 ug/l
RT: 13.893 min Scan# 21
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 2318

Ion	Ratio	Lower	Upper
146	100		
111	35.8	20.7	62.1
148	55.0	31.8	95.3

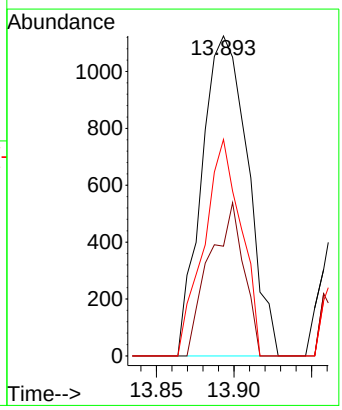


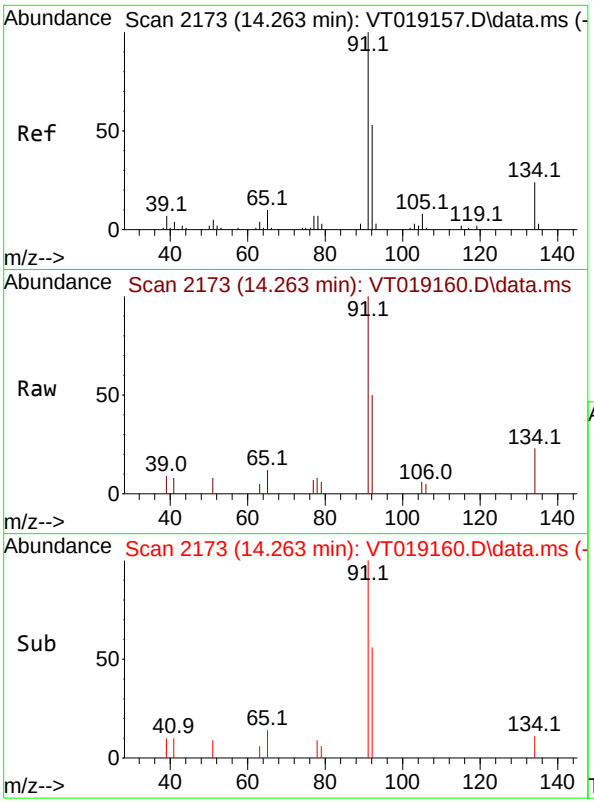


#84
1,4-Dichlorobenzene
Concen: 1.034 ug/l
RT: 13.893 min Scan# 2110
Delta R.T. -0.088 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:146 Resp: 2318

Ion	Ratio	Lower	Upper
146	100		
111	35.8	20.4	61.3
148	55.0	32.3	96.8



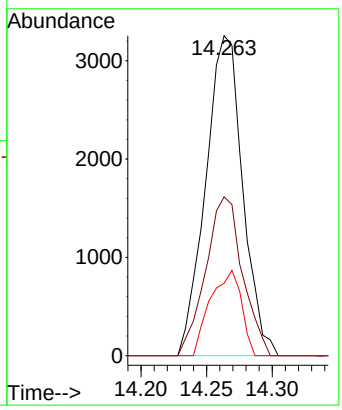


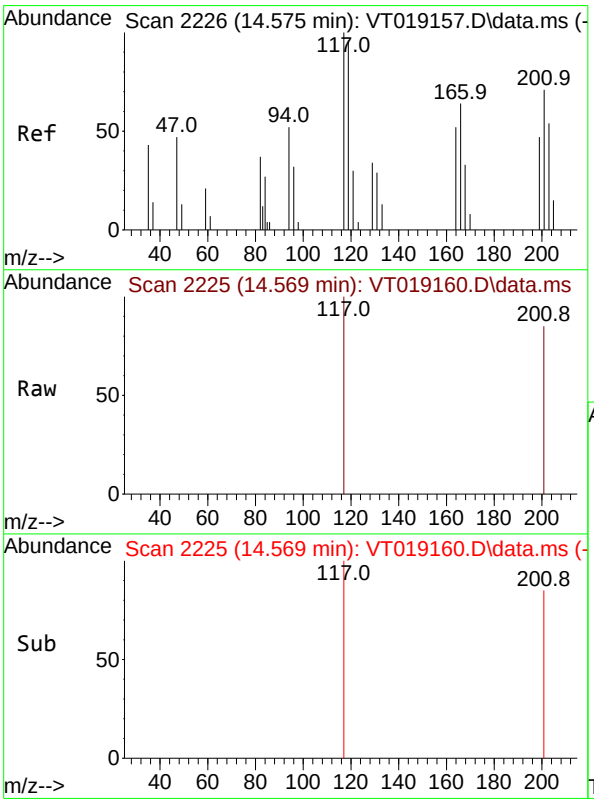
#85
n-Butylbenzene
Concen: 1.653 ug/l
RT: 14.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 6384

Ion	Ratio	Lower	Upper
91	100		
92	49.4	0.0	107.8
134	22.2	0.0	50.0

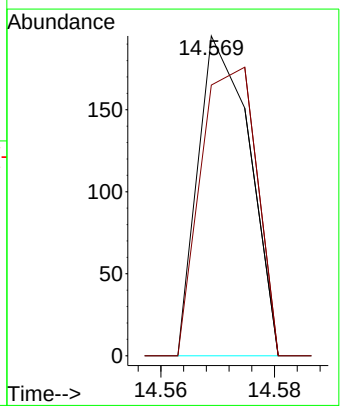


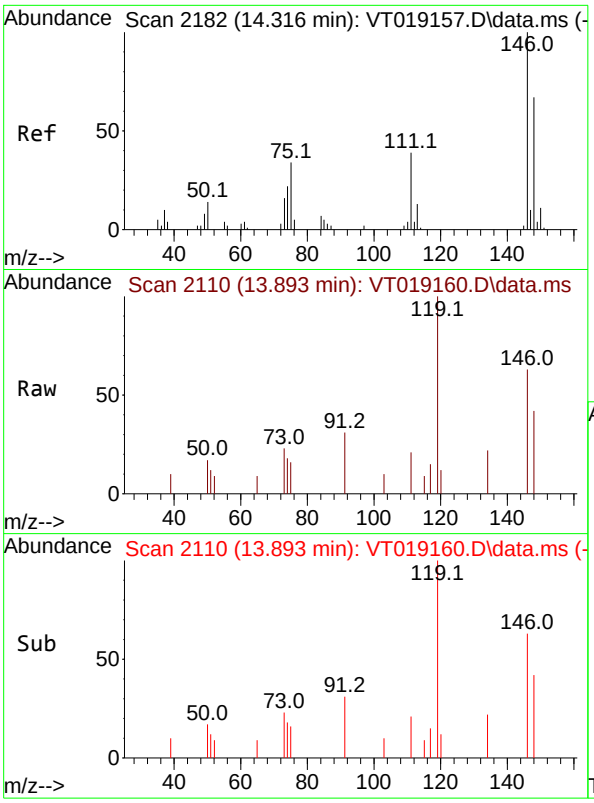


#86
Hexachloroethane
Concen: 0.216 ug/l
RT: 14.569 min Scan# 2225
Delta R.T. -0.006 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:117 Resp: 122

Ion	Ratio	Lower	Upper
117	100		
201	98.4	0.5	1.5#



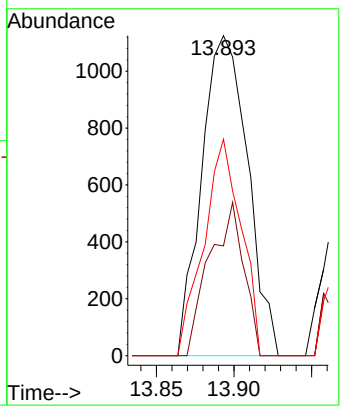


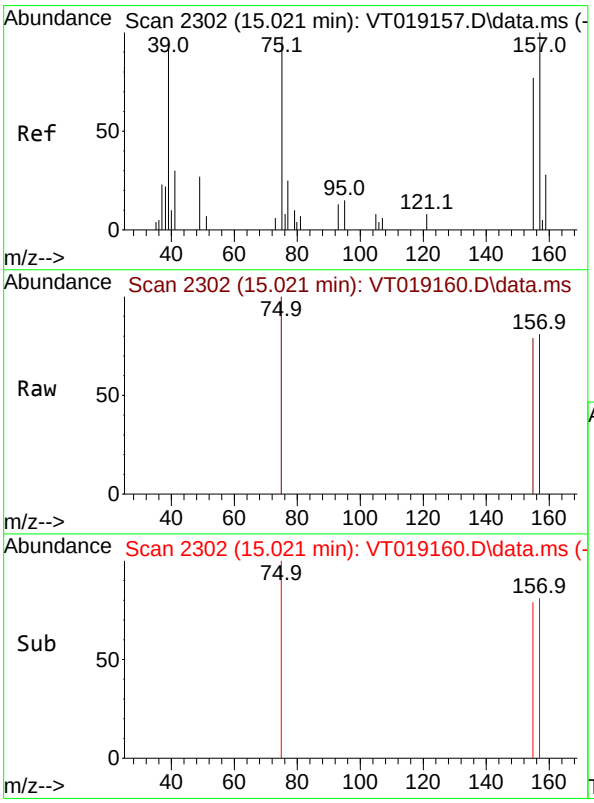
#87
1,2-Dichlorobenzene
Concen: 1.042 ug/l
RT: 13.893 min Scan# 21
Delta R.T. -0.423 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 2318

Ion	Ratio	Lower	Upper
146	100		
111	35.8	21.8	65.3
148	55.0	32.4	97.0

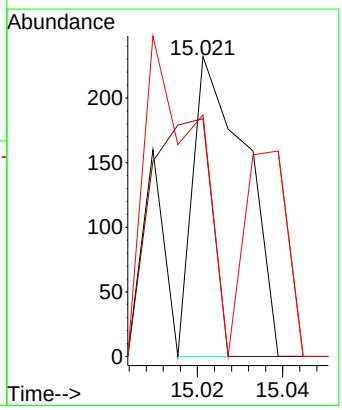


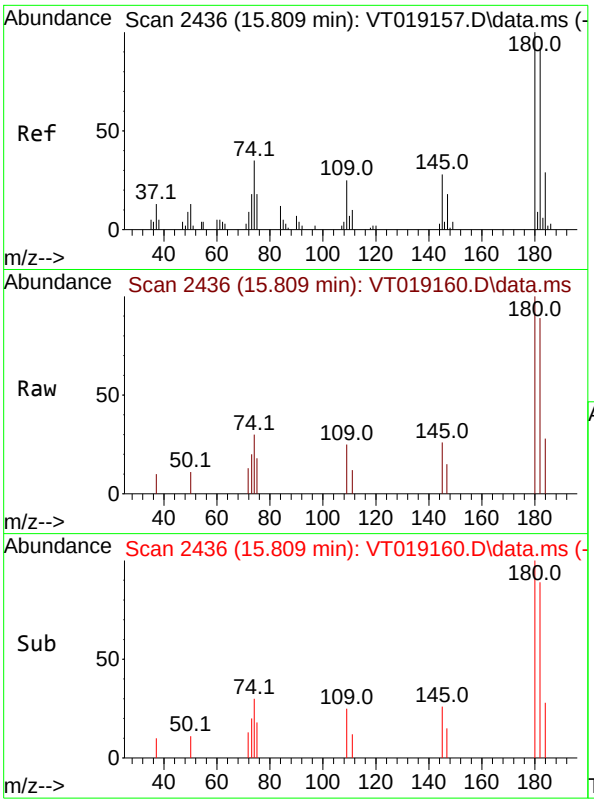


#88
1,2-Dibromo-3-Chloropropane
Concen: 0.480 ug/l
RT: 15.021 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion: 75 Resp: 200

Ion	Ratio	Lower	Upper
75	100		
155	90.5	65.4	98.2
157	55.5	82.0	123.0#



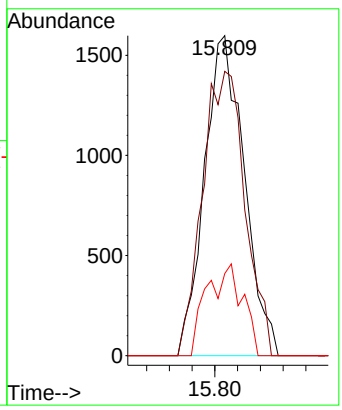


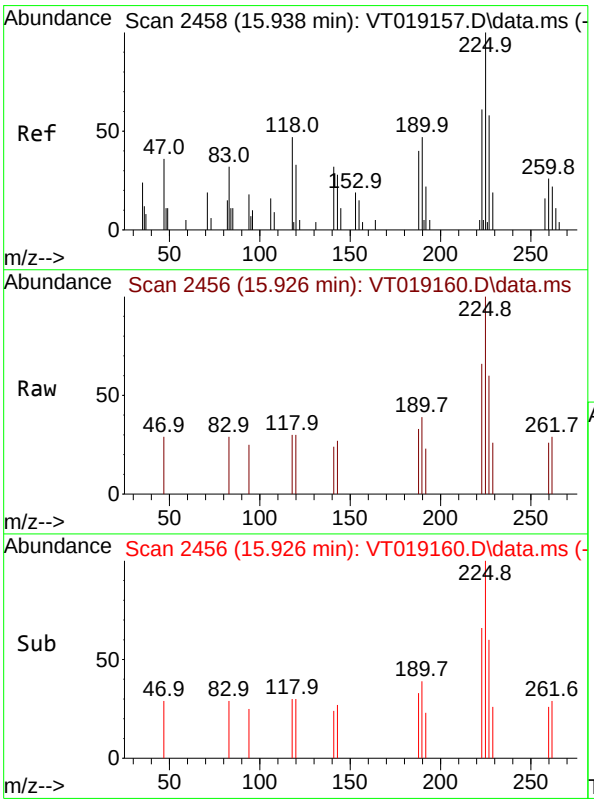
#89
1,2,4-Trichlorobenzene
Concen: 2.869 ug/l
RT: 15.809 min Scan# 24
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 3886

Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.2	117.2#
145	4.8	26.5	39.7#

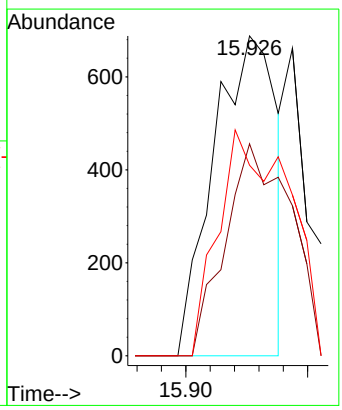


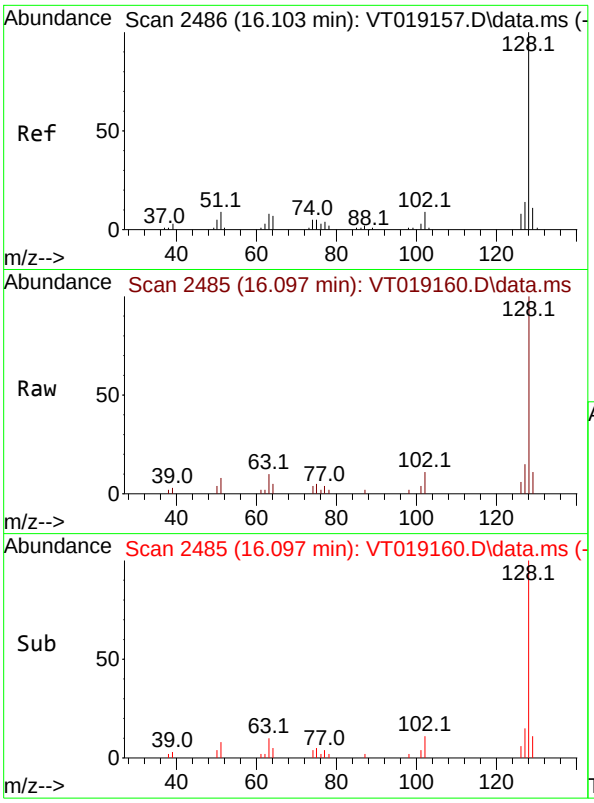


#90
Hexachlorobutadiene
Concen: 2.743 ug/l
RT: 15.926 min Scan# 2456
Delta R.T. -0.012 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:225 Resp: 1232

Ion	Ratio	Lower	Upper
225	100		
223	69.1	0.0	73.8
227	50.2	0.0	130.6



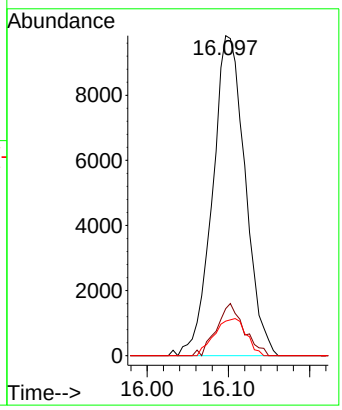


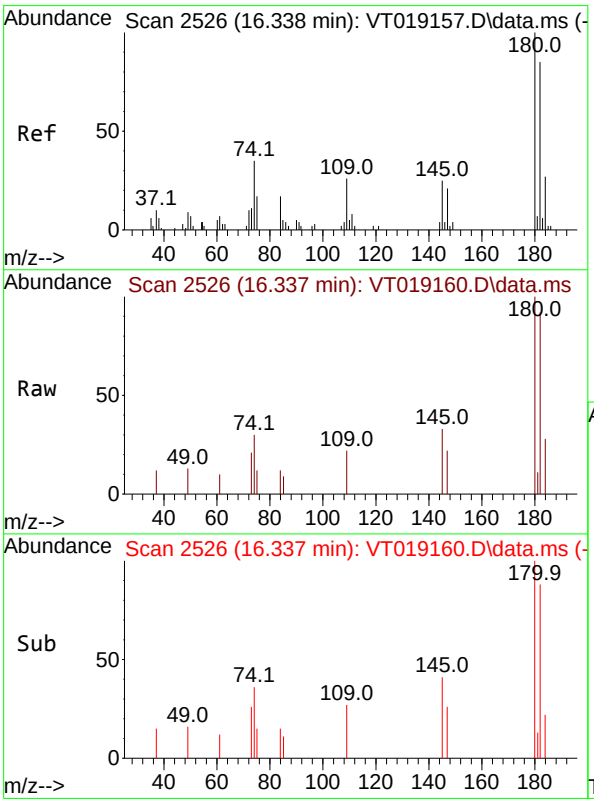
#91
Naphthalene
Concen: 5.221 ug/l
RT: 16.097 min Scan# 24
Delta R.T. -0.000 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 27338

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.2	9.0	13.4





#92
1,2,3-Trichlorobenzene
Concen: 3.250 ug/l
RT: 16.337 min Scan# 2526
Delta R.T. -0.001 min
Lab File: VT019160.D
Acq: 22 Oct 2025 15:48

Tgt Ion:180 Resp: 4444

Ion	Ratio	Lower	Upper
180	100		
182	43.4	0.0	189.0
145	0.0	0.0	69.2