Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
Data File : VD080024.D
Acq On : 15 Nov 2024 11:51
Operator : RP/MD
Sample : VSTDICC100
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 16:10:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:08:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	213987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	215523	97.823	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.640%#			
35) Dibromofluoromethane	7.804	113	219736	98.746	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.500%#			
50) Toluene-d8	10.269	98	871600	103.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 207.840%#			
62) 4-Bromofluorobenzene	12.569	95	292418	106.269	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 212.540%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	169485	98.686	ug/l	98
3) Chloromethane	2.146	50	120374	95.311	ug/l	96
4) Vinyl Chloride	2.287	62	141364	98.044	ug/l	93
5) Bromomethane	2.687	94	148540	108.149	ug/l	99
6) Chloroethane	2.834	64	107437	104.245	ug/l	97
7) Trichlorofluoromethane	3.175	101	352620	99.570	ug/l	97
8) Diethyl Ether	3.593	74	110272	106.666	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	213116	96.333	ug/l	97
10) Methyl Iodide	4.163	142	313697	114.559	ug/l	96
11) Tert butyl alcohol	5.058	59	55887	485.400	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	222161	100.193	ug/l	94
13) Acrolein	3.799	56	114581	520.823	ug/l	99
14) Allyl chloride	4.563	41	333079	105.973	ug/l	97
15) Acrylonitrile	5.257	53	242417	527.834	ug/l	99
16) Acetone	4.022	43	282176	590.285	ug/l	95
17) Carbon Disulfide	4.269	76	726481	101.750	ug/l	98
18) Methyl Acetate	4.563	43	109084	102.891	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	494834	109.391	ug/l	96
20) Methylene Chloride	4.799	84	248753	96.944	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	247853	101.113	ug/l	94
22) Diisopropyl ether	6.216	45	664677	104.433	ug/l	98
23) Vinyl Acetate	6.152	43	2000852	548.704	ug/l	100
24) 1,1-Dichloroethane	6.116	63	416823	98.467	ug/l	98
25) 2-Butanone	7.081	43	331025	529.910	ug/l	98
26) 2,2-Dichloropropane	7.075	77	350945	95.376	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	288934	102.713	ug/l	97
28) Bromochloromethane	7.428	49	172243	91.433	ug/l #	94
29) Tetrahydrofuran	7.446	42	185474	542.033	ug/l	99
30) Chloroform	7.599	83	430697	96.575	ug/l	99
31) Cyclohexane	7.881	56	347253	96.789	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	369773	96.887	ug/l	99
36) 1,1-Dichloropropene	8.010	75	307357	101.011	ug/l	99
37) Ethyl Acetate	7.163	43	135547	103.638	ug/l	98
38) Carbon Tetrachloride	7.993	117	322998	97.157	ug/l	96
39) Methylcyclohexane	9.275	83	389740	107.583	ug/l	98
40) Benzene	8.251	78	962021	101.430	ug/l	100

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 16:10:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:08:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.399	41	72210	45.650	ug/l		98
42) 1,2-Dichloroethane	8.328	62	245353	99.958	ug/l		98
43) Isopropyl Acetate	8.357	43	249535	105.250	ug/l		98
44) Trichloroethene	9.028	130	241612	98.445	ug/l		98
45) 1,2-Dichloropropane	9.304	63	228930	100.439	ug/l		99
46) Dibromomethane	9.393	93	132059	99.612	ug/l		97
47) Bromodichloromethane	9.587	83	329294	99.233	ug/l		98
48) Methyl methacrylate	9.381	41	122491	108.222	ug/l		97
49) 1,4-Dioxane	9.387	88	26852	2207.934	ug/l		95
51) 4-Methyl-2-Pentanone	10.157	43	659252	548.072	ug/l		100
52) Toluene	10.334	92	619581	105.120	ug/l		99
53) t-1,3-Dichloropropene	10.551	75	310735	105.046	ug/l		97
54) cis-1,3-Dichloropropene	10.016	75	367453	104.923	ug/l		98
55) 1,1,2-Trichloroethane	10.734	97	174957	99.751	ug/l		98
56) Ethyl methacrylate	10.598	69	234226	114.843	ug/l		95
57) 1,3-Dichloropropane	10.875	76	290227	101.719	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.869	63	432592	560.800	ug/l		97
59) 2-Hexanone	10.916	43	496488	561.155	ug/l		96
60) Dibromochloromethane	11.075	129	229588	101.696	ug/l		99
61) 1,2-Dibromoethane	11.175	107	170888	103.337	ug/l		100
64) Tetrachloroethene	10.810	164	215063	98.797	ug/l		98
65) Chlorobenzene	11.604	112	669342	100.383	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.681	131	234719	101.126	ug/l		98
67) Ethyl Benzene	11.681	91	1201503	107.390	ug/l		97
68) m/p-Xylenes	11.792	106	936727	214.234	ug/l		99
69) o-Xylene	12.122	106	440333	112.033	ug/l		94
70) Styrene	12.134	104	769949	109.754	ug/l		99
71) Bromoform	12.298	173	135759	99.202	ug/l	#	100
73) Isopropylbenzene	12.422	105	1118214	107.387	ug/l		100
74) N-amyl acetate	12.234	43	249128	108.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.669	83	197534	98.708	ug/l		100
76) 1,2,3-Trichloropropane	12.722	75	254725	102.950	ug/l	#	100
77) Bromobenzene	12.698	156	276526	102.186	ug/l		97
78) n-propylbenzene	12.763	91	1365890	106.140	ug/l		99
79) 2-Chlorotoluene	12.845	91	787564	104.361	ug/l		99
80) 1,3,5-Trimethylbenzene	12.904	105	949326	107.721	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.469	75	74312	106.669	ug/l		96
82) 4-Chlorotoluene	12.945	91	832316	103.168	ug/l		98
83) tert-Butylbenzene	13.163	119	829100	108.627	ug/l		98
84) 1,2,4-Trimethylbenzene	13.210	105	965843	109.097	ug/l		100
85) sec-Butylbenzene	13.345	105	1221229	108.246	ug/l		98
86) p-Isopropyltoluene	13.457	119	1047476	109.841	ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	560219	102.233	ug/l		99
88) 1,4-Dichlorobenzene	13.534	146	546394	99.281	ug/l		97
89) n-Butylbenzene	13.786	91	975494	108.731	ug/l		98
90) Hexachloroethane	14.051	117	204284	99.928	ug/l		98
91) 1,2-Dichlorobenzene	13.828	146	484966	101.494	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30992	102.416	ug/l		94
93) 1,2,4-Trichlorobenzene	15.098	180	323341	107.913	ug/l		100
94) Hexachlorobutadiene	15.204	225	172695	106.640	ug/l		99
95) Naphthalene	15.328	128	577937	113.557	ug/l		97
96) 1,2,3-Trichlorobenzene	15.522	180	281865	107.120	ug/l		100

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Instrument :
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Quant Time: Nov 15 16:10:27 2024
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Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:08:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
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Acq On : 15 Nov 2024 11:51
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Nov 15 16:10:27 2024
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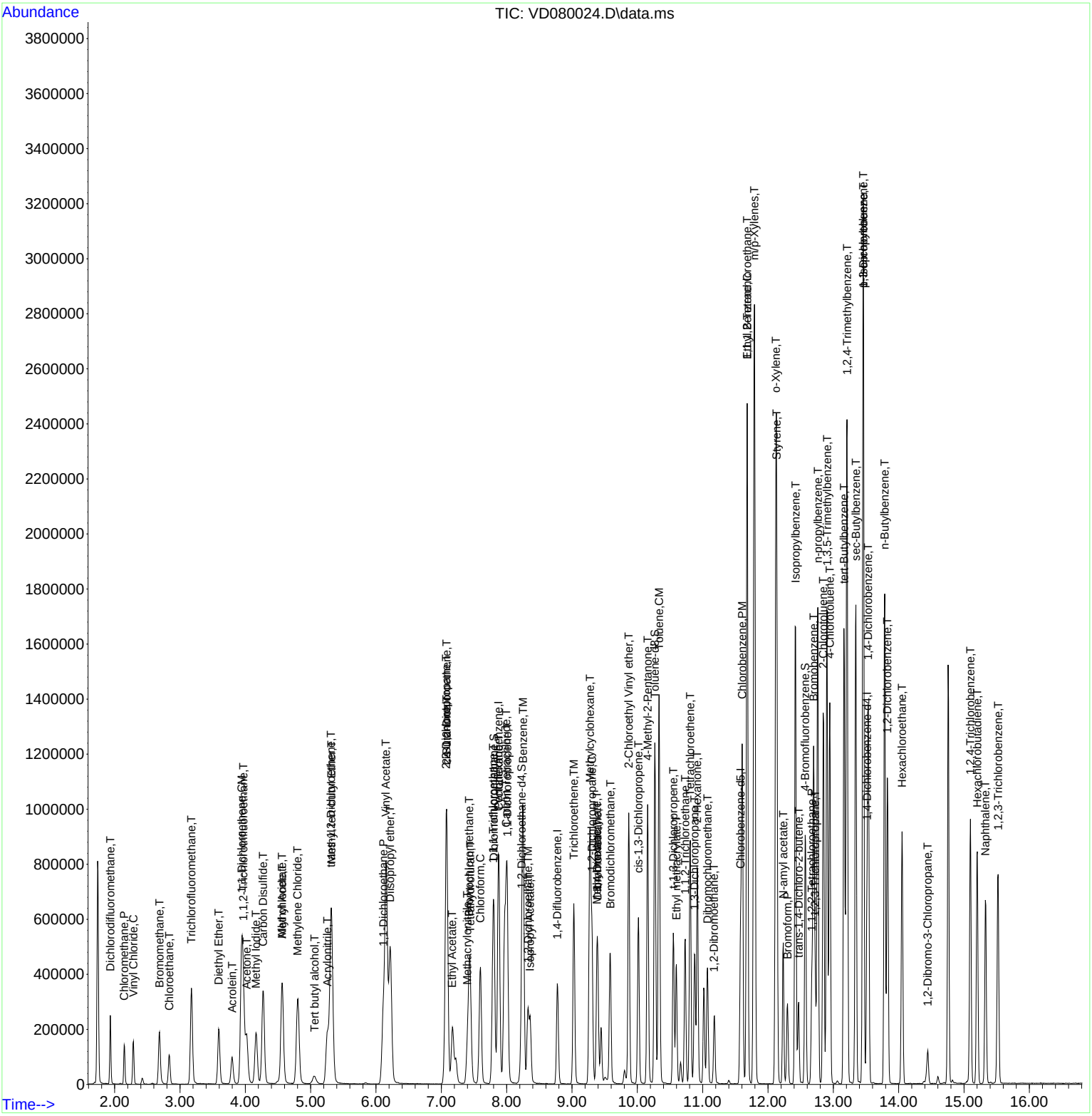
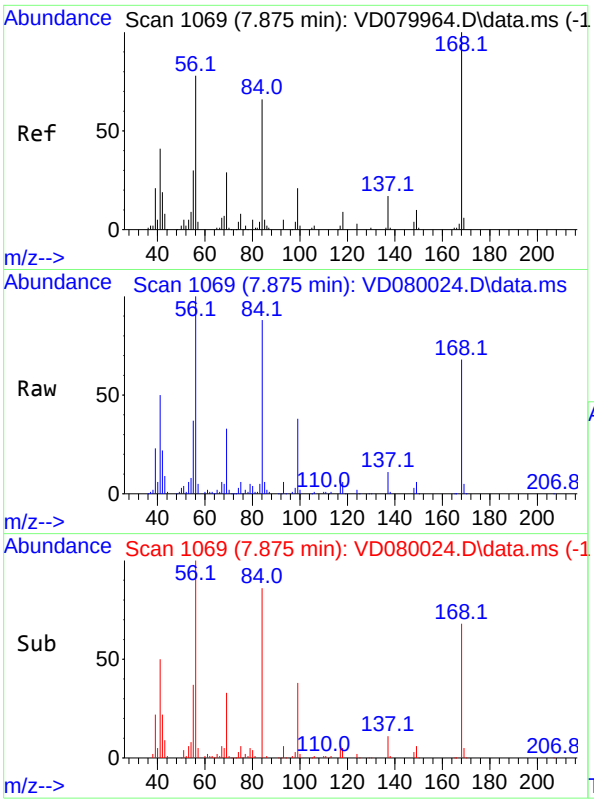
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:08:17 2024
Response via : Initial Calibration



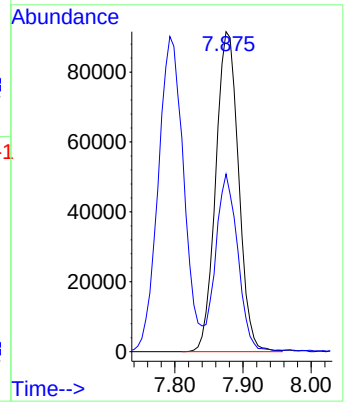


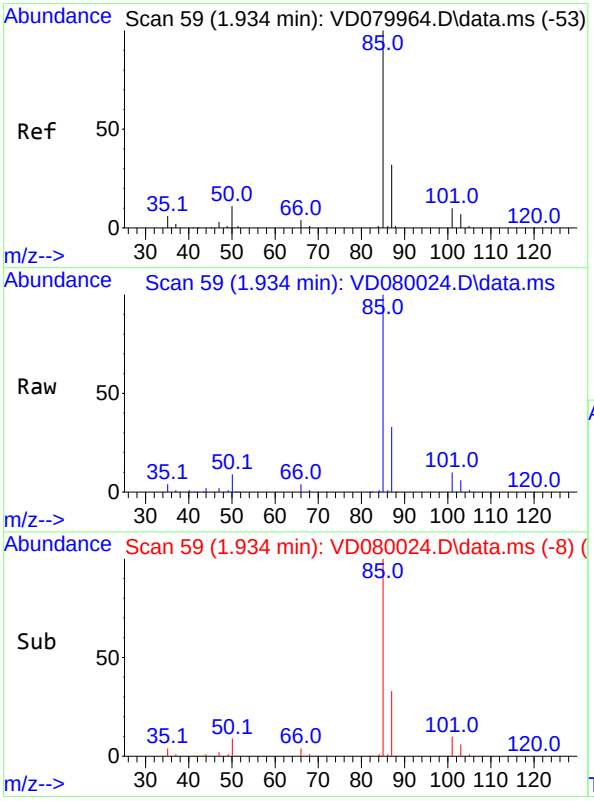
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 213987

Ion	Ratio	Lower	Upper
168	100		
99	55.1	46.0	69.0

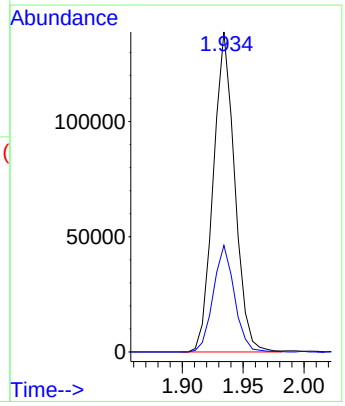


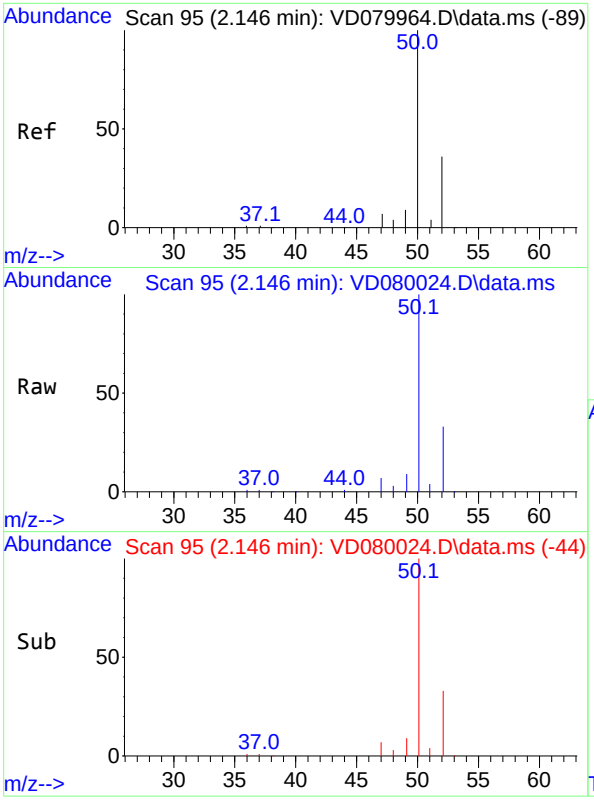


#2
Dichlorodifluoromethane
Concen: 98.686 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 85 Resp: 169485

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.1	48.2



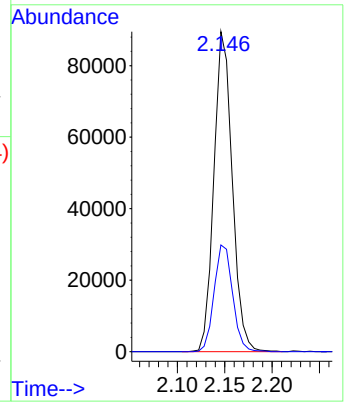


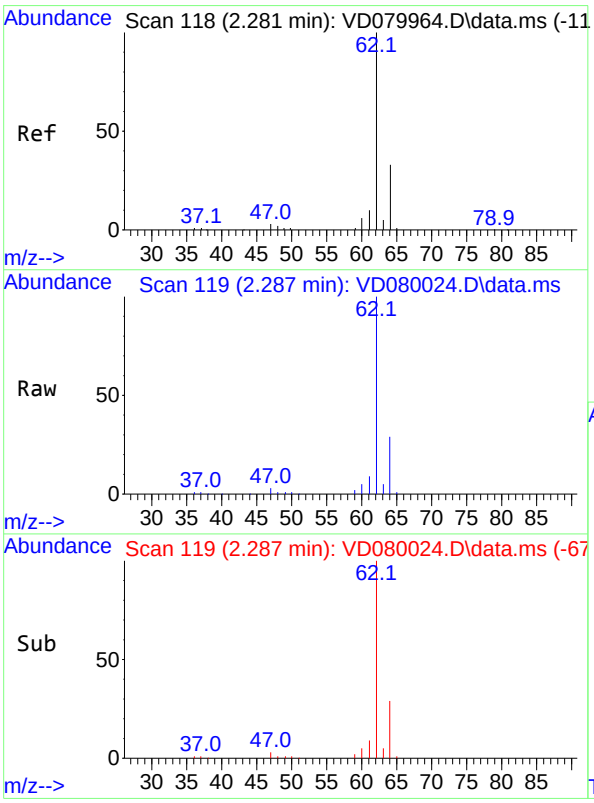
#3
Chloromethane
Concen: 95.311 ug/l
RT: 2.146 min Scan# 9
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 120374

Ion	Ratio	Lower	Upper
50	100		
52	33.4	28.8	43.2

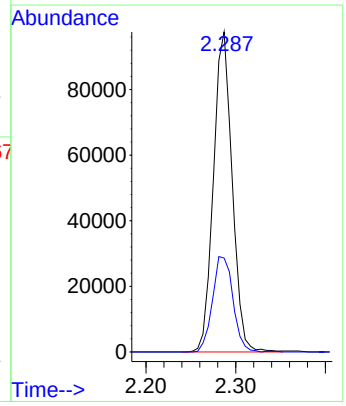


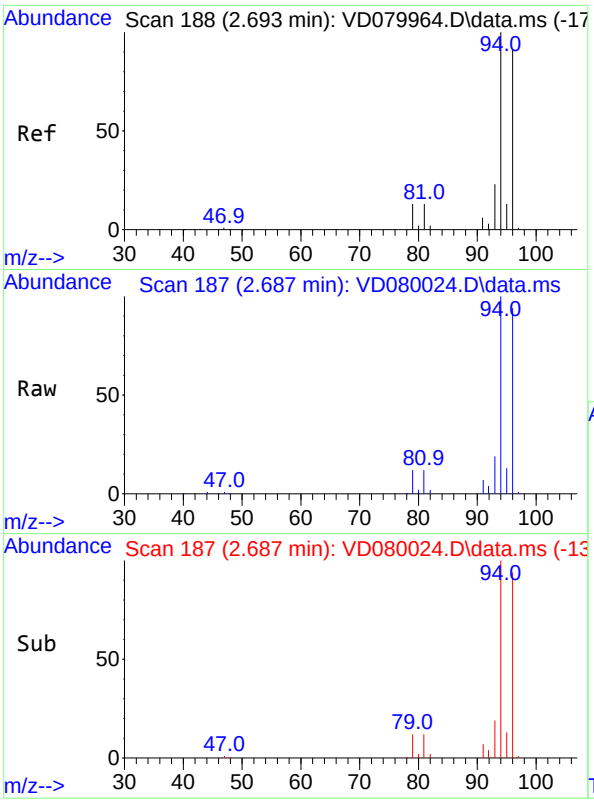


#4
Vinyl Chloride
Concen: 98.044 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 62 Resp: 141364

Ion	Ratio	Lower	Upper
62	100		
64	29.3	26.5	39.7



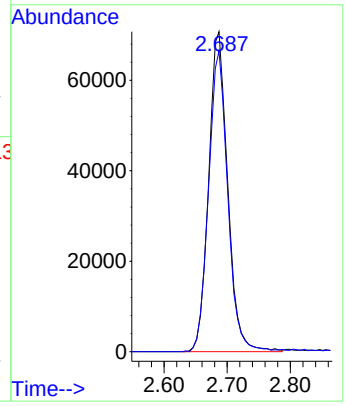


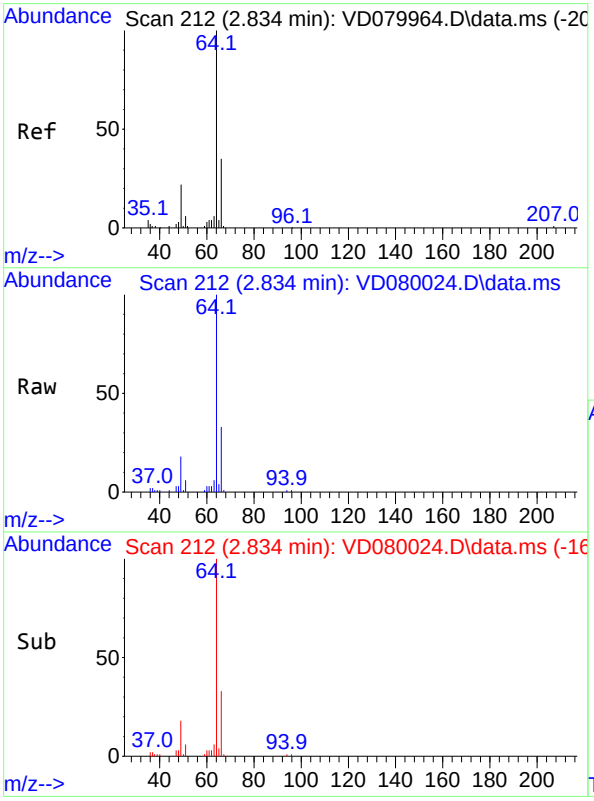
#5
Bromomethane
Concen: 108.149 ug/l
RT: 2.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 148540

Ion	Ratio	Lower	Upper
94	100		
96	94.3	76.2	114.2

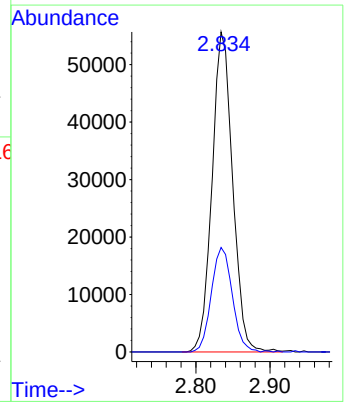


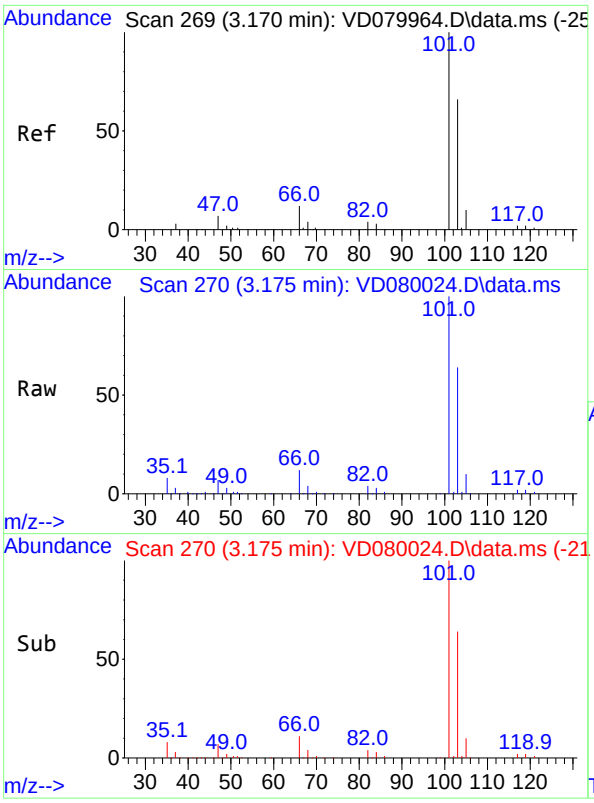


#6
Chloroethane
Concen: 104.245 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 64 Resp: 107437

Ion	Ratio	Lower	Upper
64	100		
66	32.7	27.6	41.4



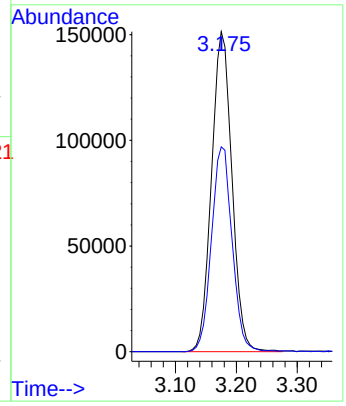


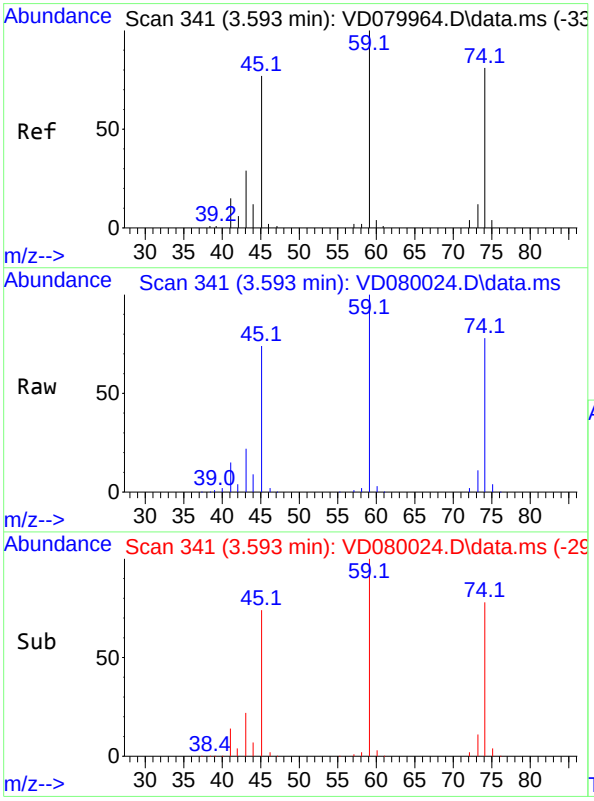
#7
Trichlorofluoromethane
Concen: 99.570 ug/l
RT: 3.175 min Scan# 2
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 352620

Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.0	79.6

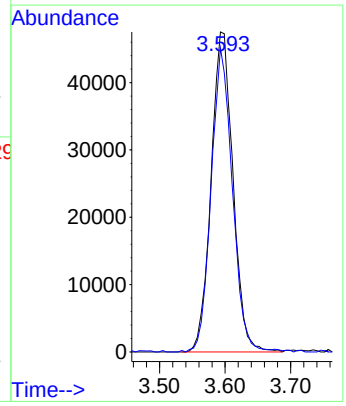


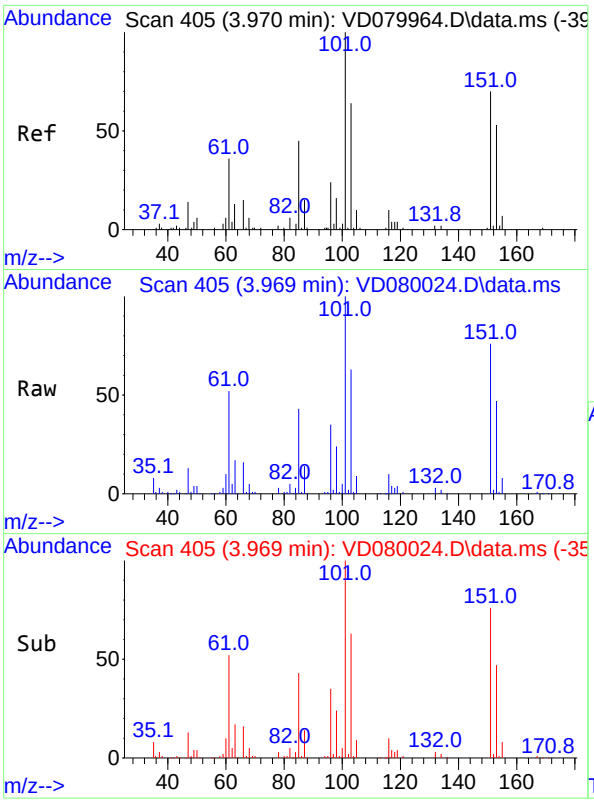


#8
Diethyl Ether
Concen: 106.666 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 74 Resp: 110272

Ion	Ratio	Lower	Upper
74	100		
45	92.1	47.8	143.3



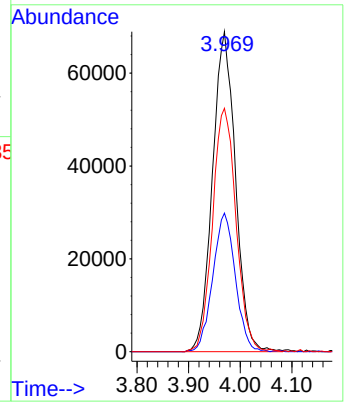


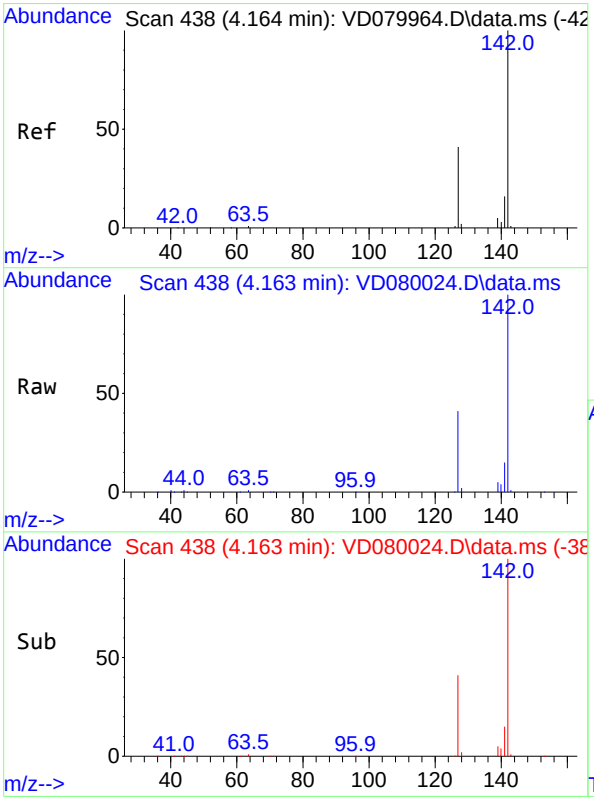
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.333 ug/l
RT: 3.969 min Scan# 4
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 213116

Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.3	52.9
151	77.6	60.3	90.5

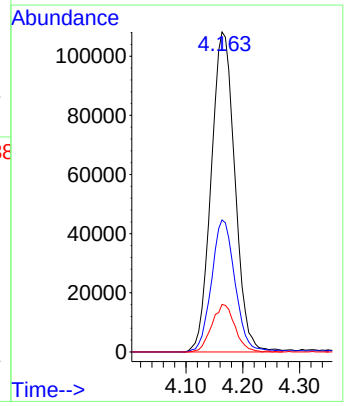


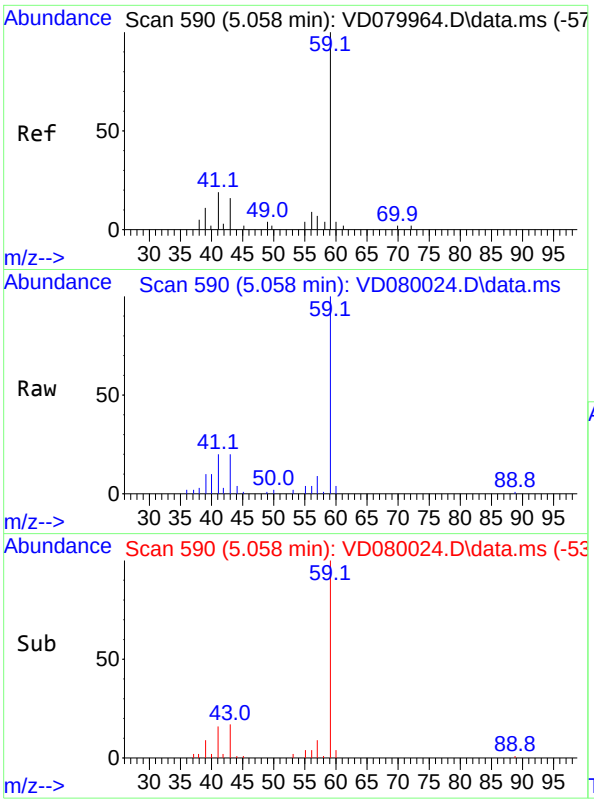


#10
Methyl Iodide
Concen: 114.559 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:142 Resp: 313697

Ion	Ratio	Lower	Upper
142	100		
127	41.1	35.3	52.9
141	14.4	12.2	18.2



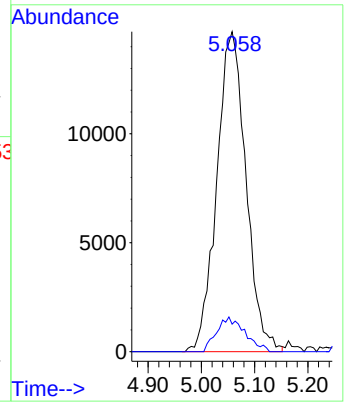


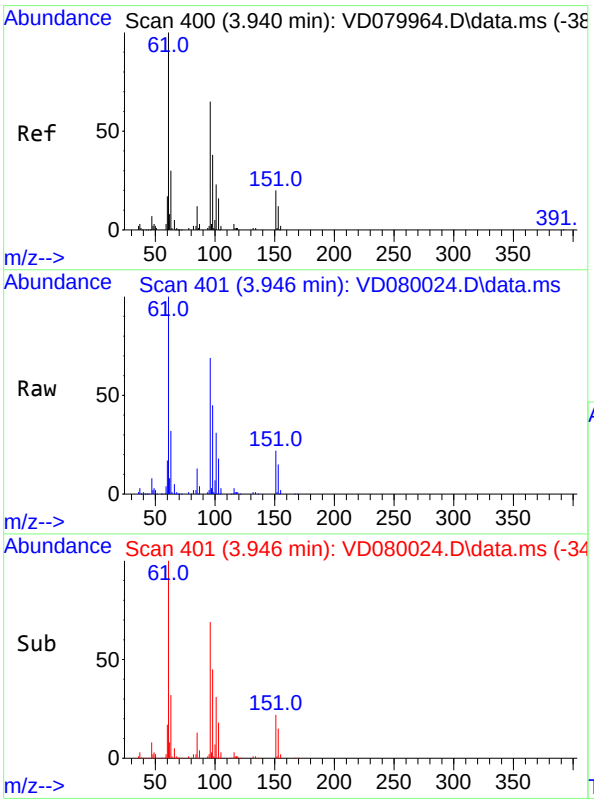
#11
Tert butyl alcohol
Concen: 485.400 ug/l
RT: 5.058 min Scan# 5
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 55887

Ion	Ratio	Lower	Upper
59	100		
57	10.4	4.8	7.2#

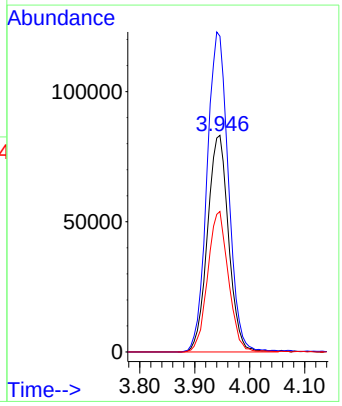


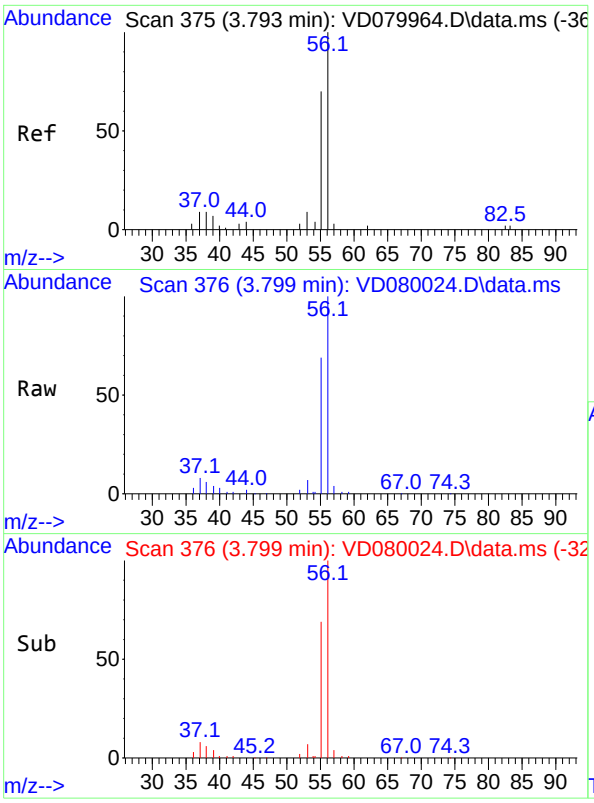


#12
1,1-Dichloroethene
Concen: 100.193 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 96 Resp: 222161

Ion	Ratio	Lower	Upper
96	100		
61	145.8	122.6	184.0
98	64.9	47.1	70.7



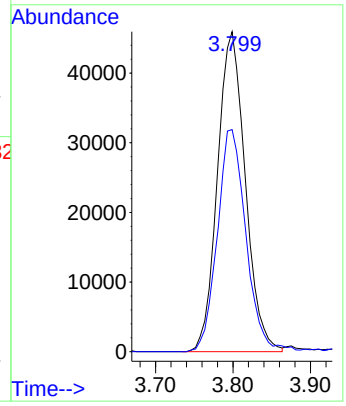


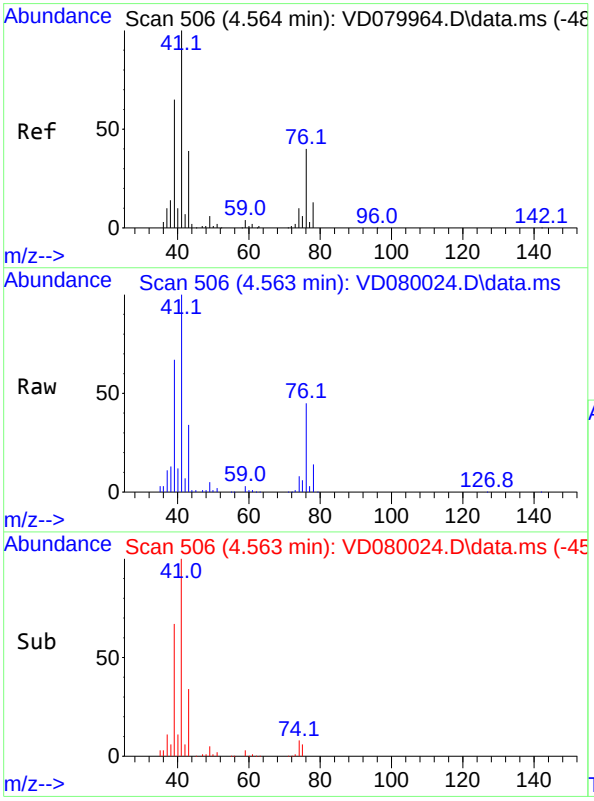
#13
Acrolein
Concen: 520.823 ug/l
RT: 3.799 min Scan# 3
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 114581

Ion	Ratio	Lower	Upper
56	100		
55	71.5	58.2	87.2

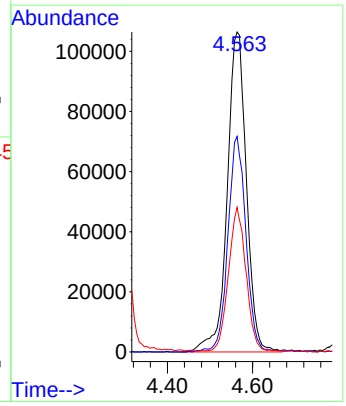


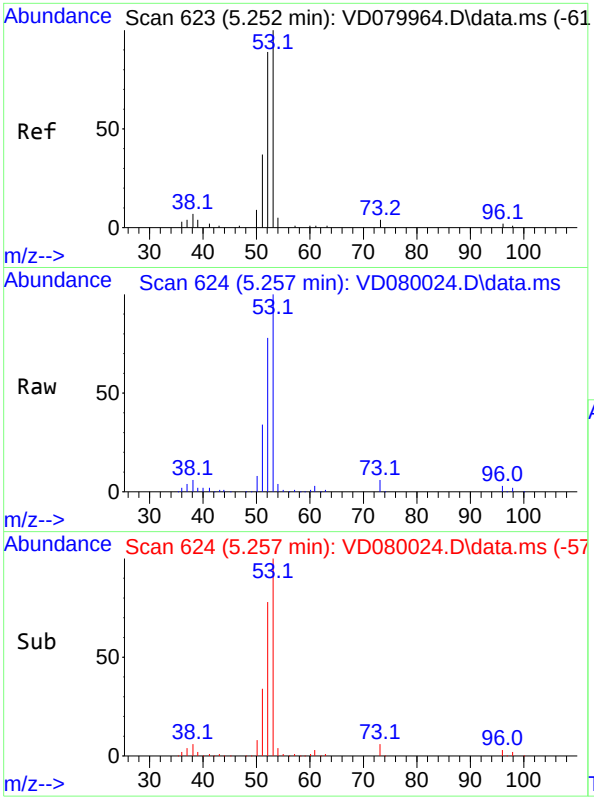


#14
Allyl chloride
Concen: 105.973 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 41 Resp: 333079

Ion	Ratio	Lower	Upper
41	100		
39	63.5	53.3	79.9
76	40.9	32.0	48.0



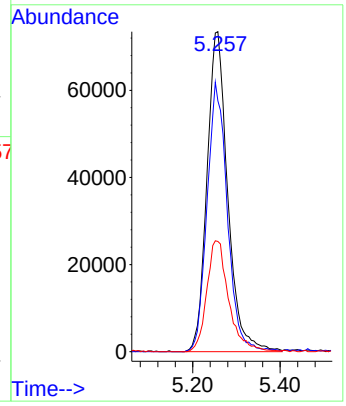


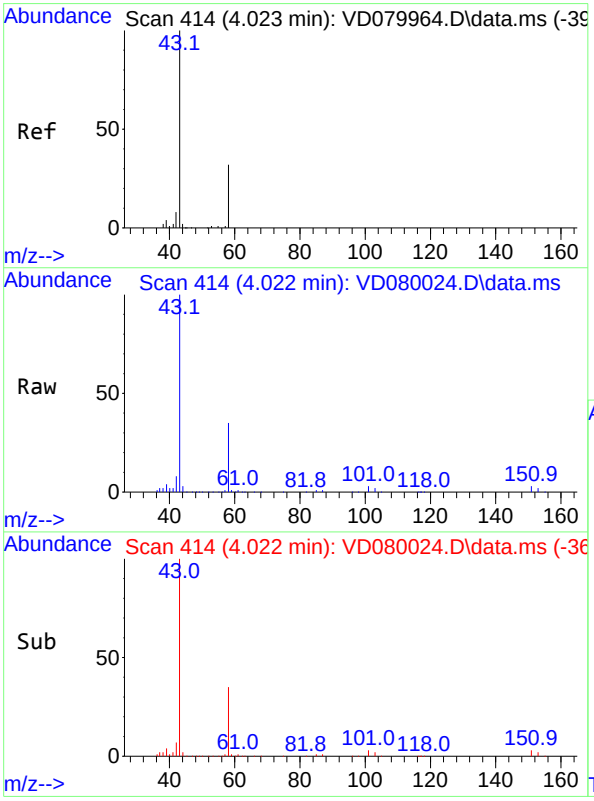
#15
Acrylonitrile
Concen: 527.834 ug/l
RT: 5.257 min Scan# 6
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 53 Resp: 242417

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	36.7	30.3	45.5

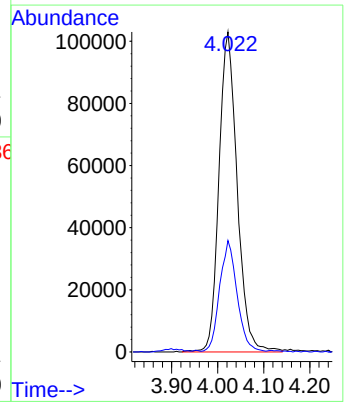


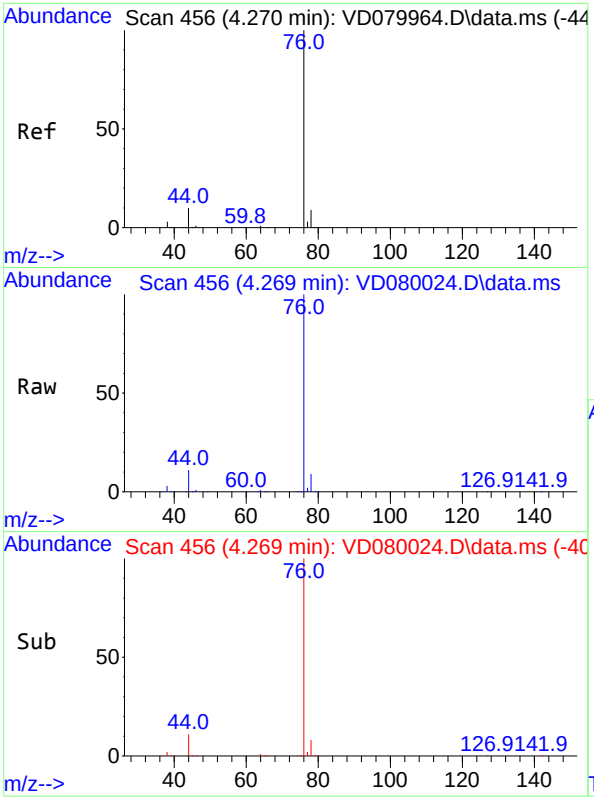


#16
Acetone
Concen: 590.285 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 43 Resp: 282176

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.2



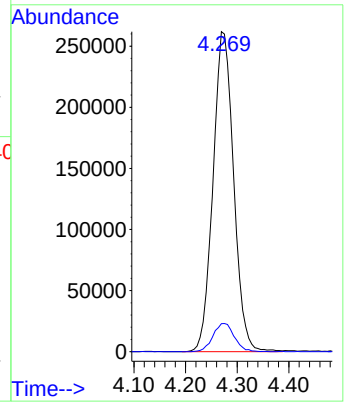


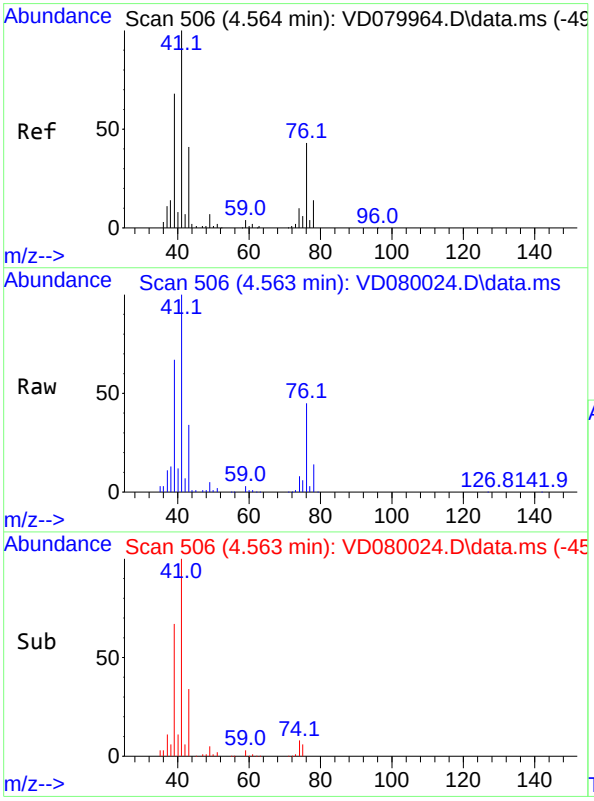
#17
Carbon Disulfide
Concen: 101.750 ug/l
RT: 4.269 min Scan# 4
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 726481

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

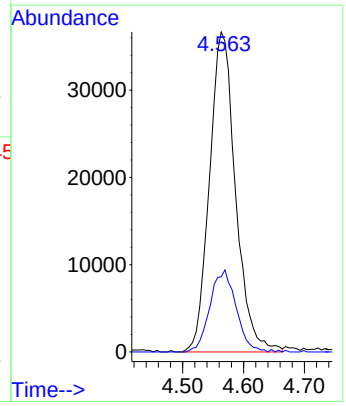


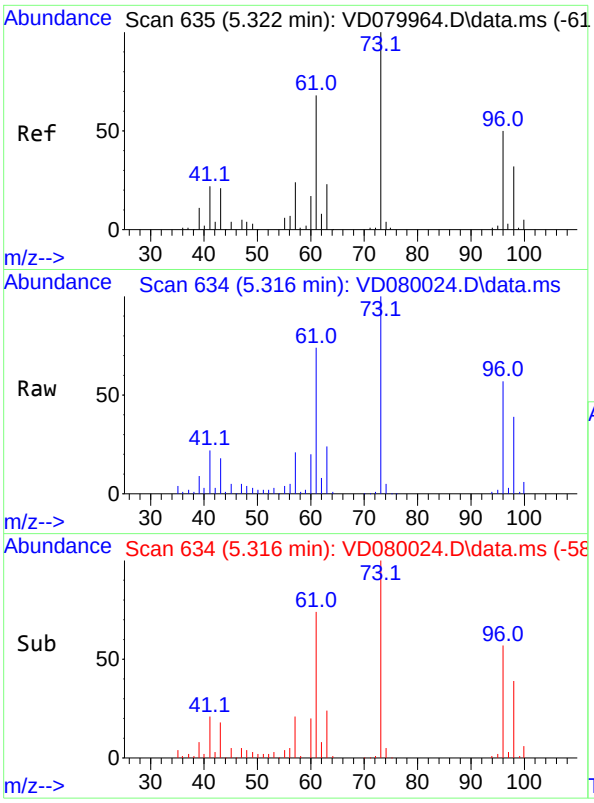


#18
Methyl Acetate
Concen: 102.891 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 43 Resp: 109084

Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.5	30.7



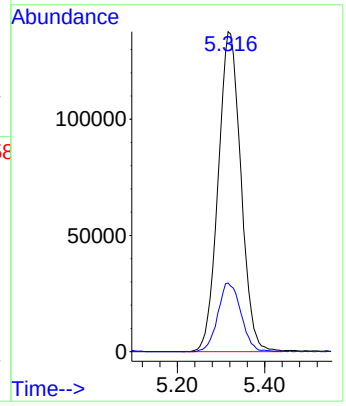


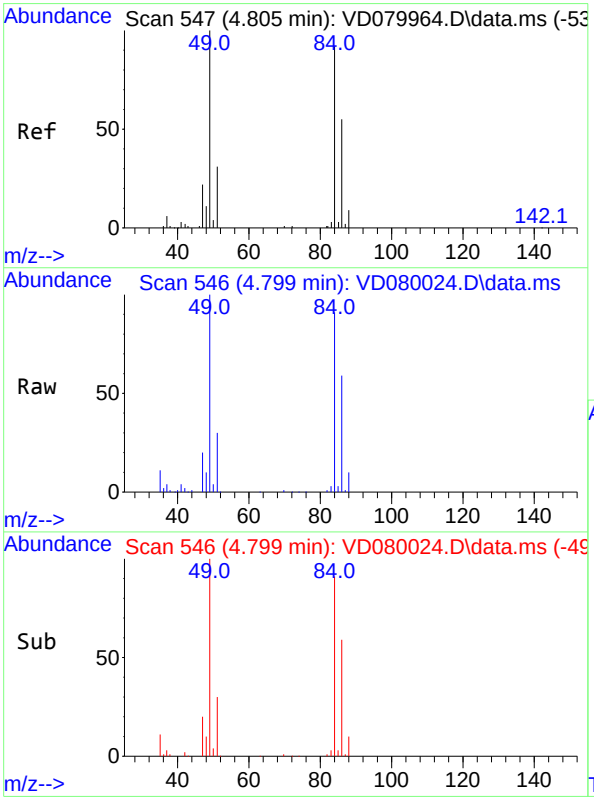
#19
Methyl tert-butyl Ether
Concen: 109.391 ug/l
RT: 5.316 min Scan# 6
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 494834

Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.8	28.2

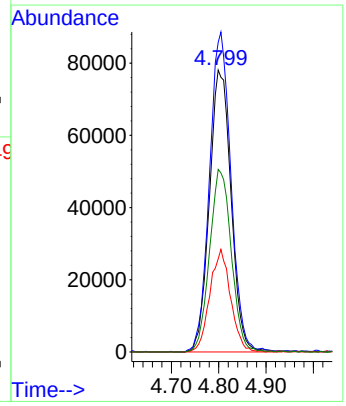


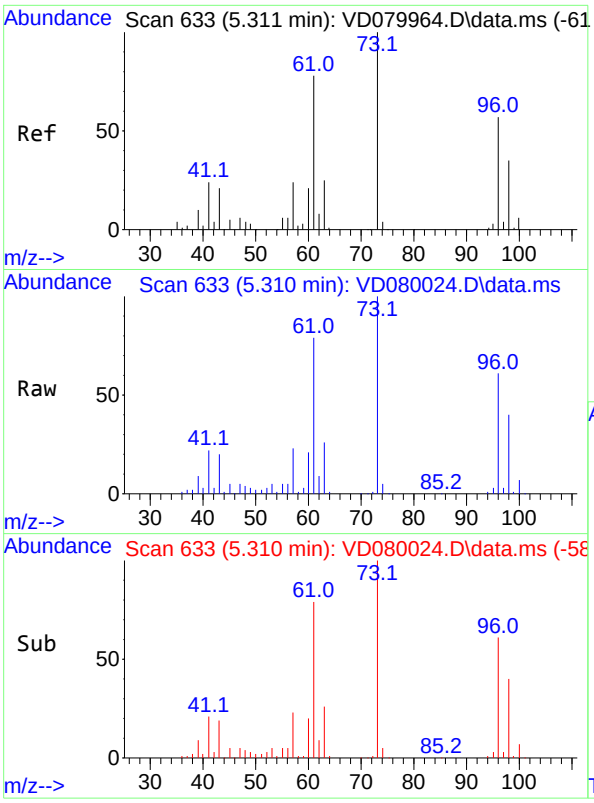


#20
Methylene Chloride
Concen: 96.944 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 84 Resp: 248753

Ion	Ratio	Lower	Upper
84	100		
49	109.8	86.5	129.7
51	33.0	26.9	40.3
86	64.8	47.2	70.8



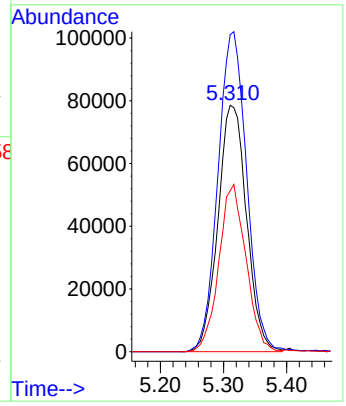


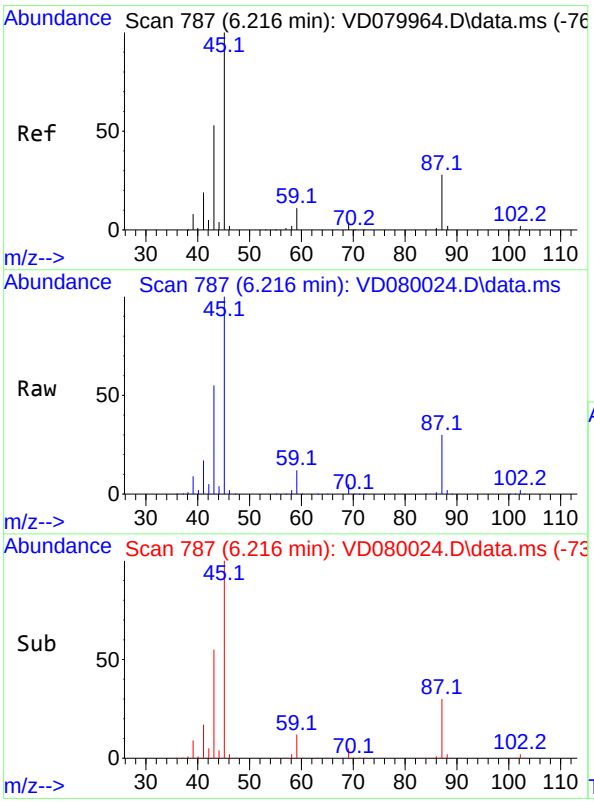
#21
trans-1,2-Dichloroethene
Concen: 101.113 ug/l
RT: 5.310 min Scan# 6
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 247853

Ion	Ratio	Lower	Upper
96	100		
61	128.7	109.4	164.0
98	65.3	49.8	74.8

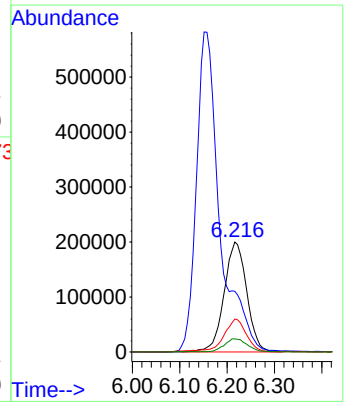


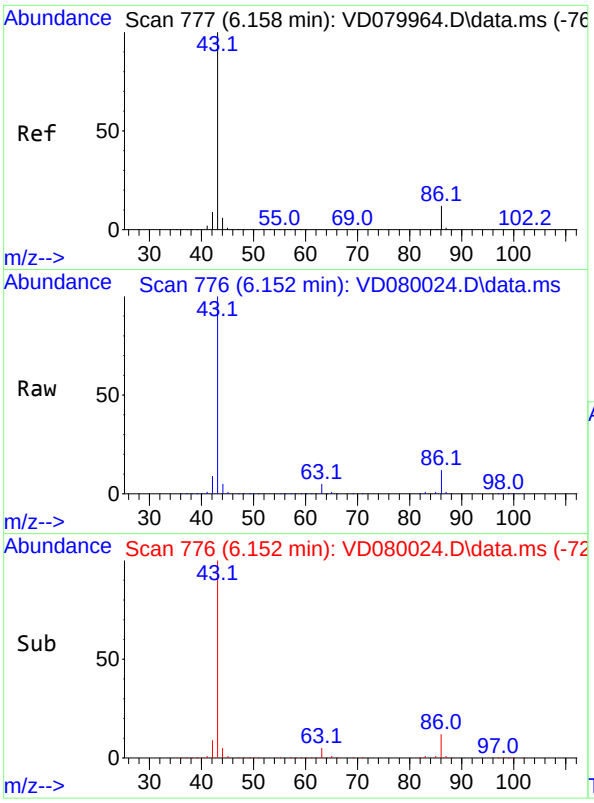


#22
Diisopropyl ether
Concen: 104.433 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 45 Resp: 664677

Ion	Ratio	Lower	Upper
45	100		
43	54.2	42.6	63.8
87	29.8	22.7	34.1
59	11.9	8.5	12.7



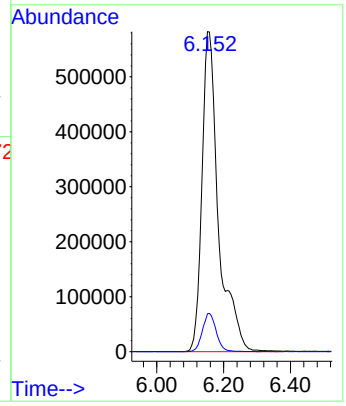


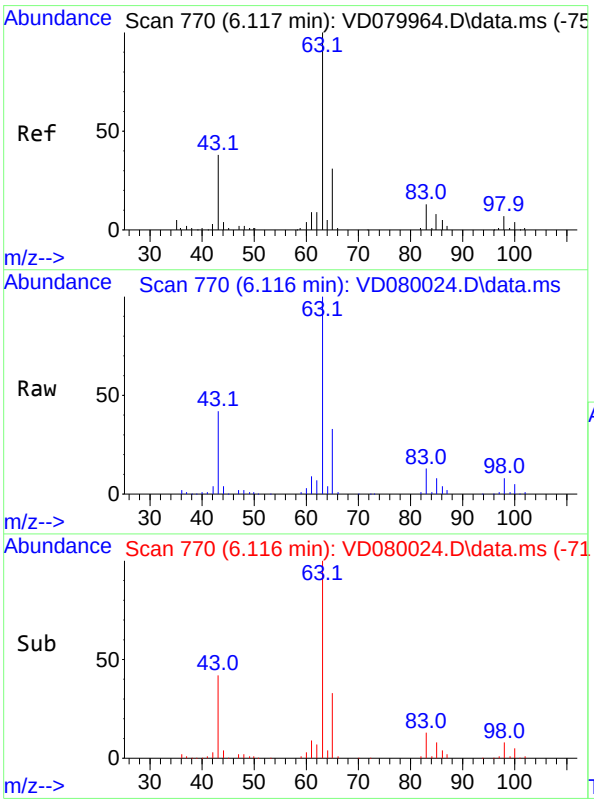
#23
Vinyl Acetate
Concen: 548.704 ug/l
RT: 6.152 min Scan# 7
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2000852

Ion	Ratio	Lower	Upper
43	100		
86	11.8	9.4	14.0

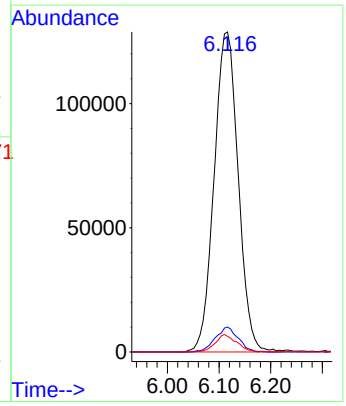


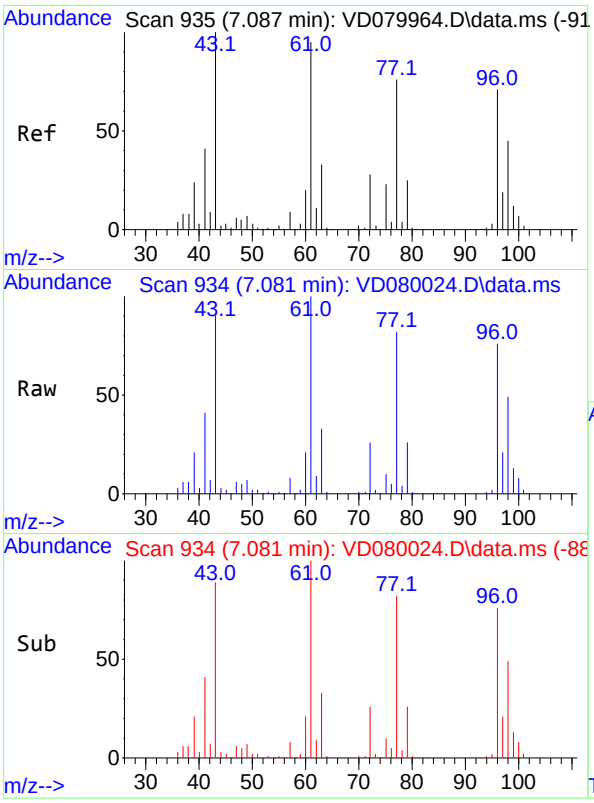


#24
1,1-Dichloroethane
Concen: 98.467 ug/l
RT: 6.116 min Scan# 770
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 63 Resp: 416823

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.5	10.6
100	4.9	2.1	6.5



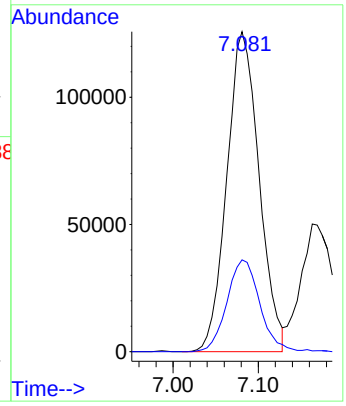


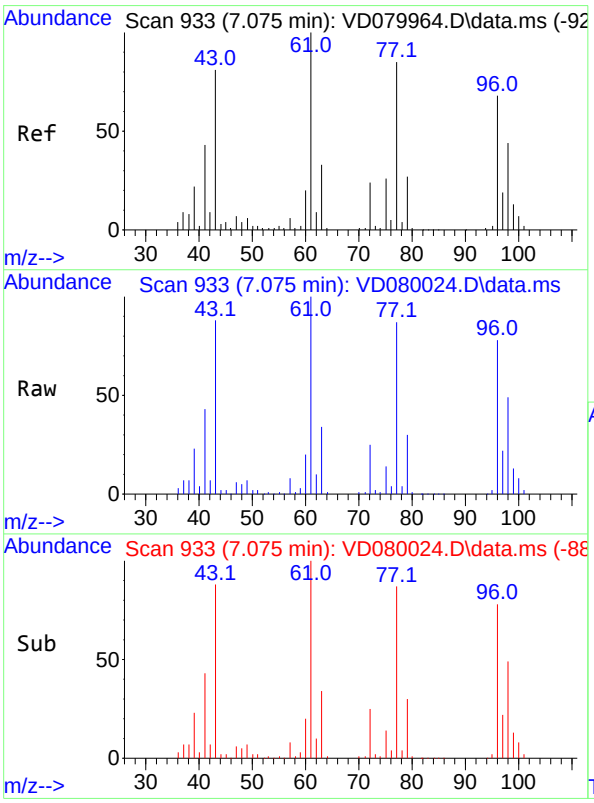
#25
2-Butanone
Concen: 529.910 ug/l
RT: 7.081 min Scan# 9
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 331025

Ion	Ratio	Lower	Upper
43	100		
72	28.7	22.3	33.5

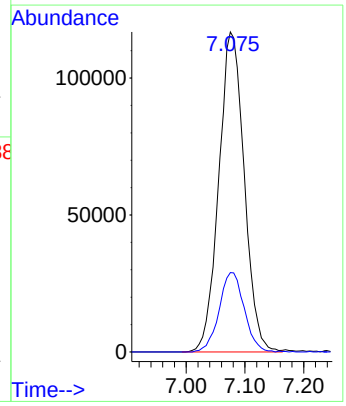


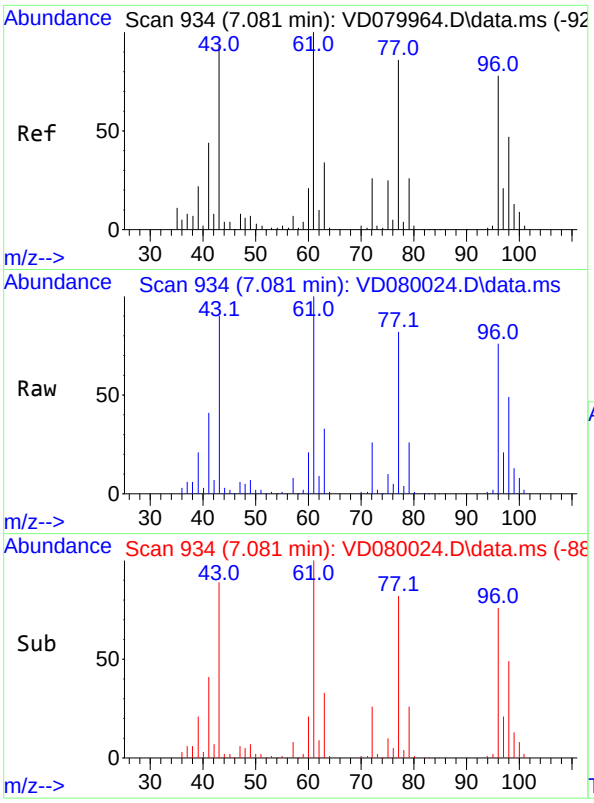


#26
2,2-Dichloropropane
Concen: 95.376 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 77 Resp: 350945

Ion	Ratio	Lower	Upper
77	100		
97	24.4	11.9	35.9



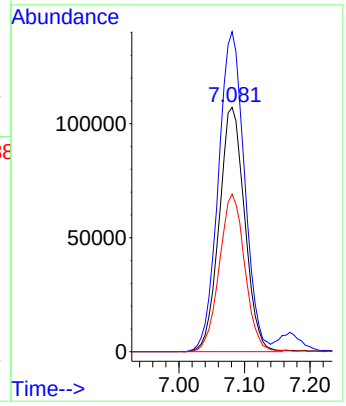


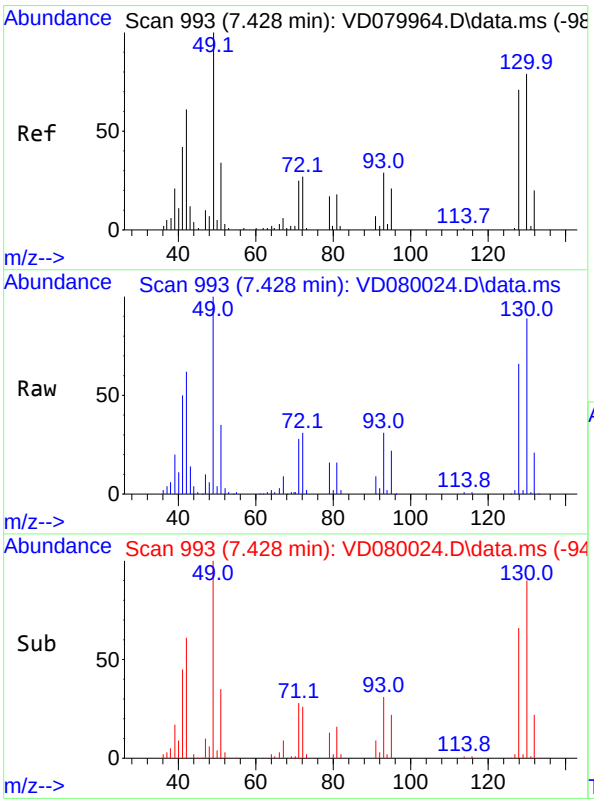
#27
cis-1,2-Dichloroethene
Concen: 102.713 ug/l
RT: 7.081 min Scan# 9
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 288934

Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	278.2
98	64.7	0.0	127.8

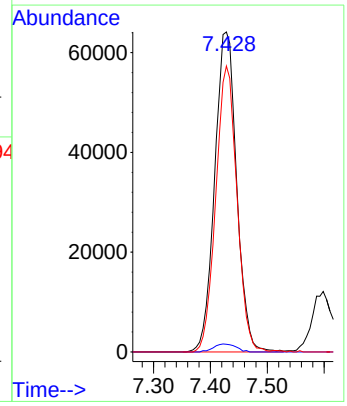


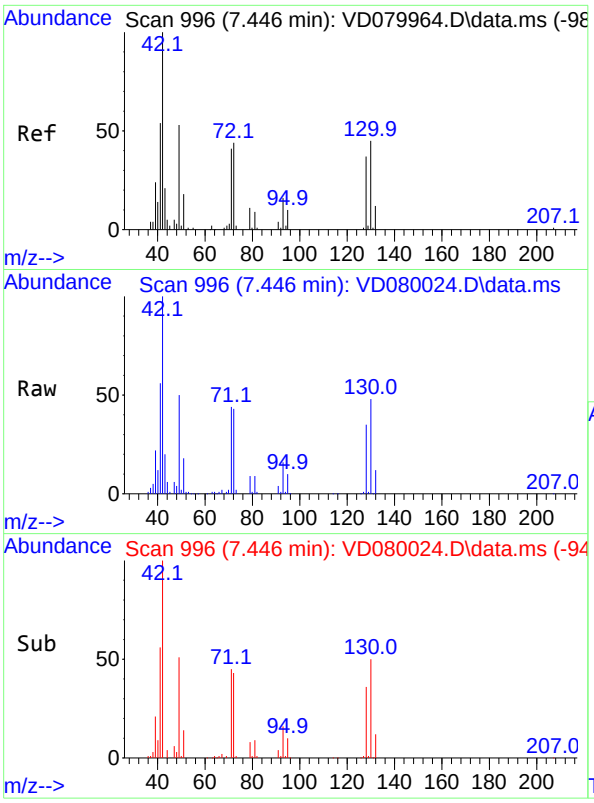


#28
Bromochloromethane
Concen: 91.433 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 49 Resp: 172243

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.2#
130	86.0	64.6	97.0



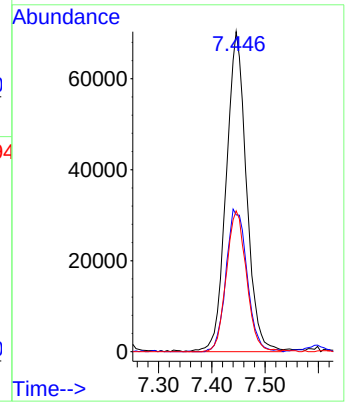


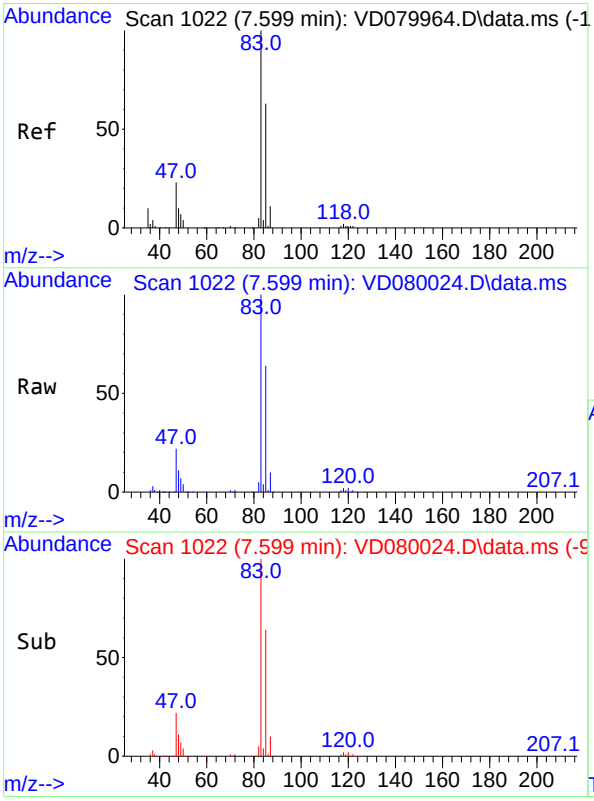
#29
Tetrahydrofuran
Concen: 542.033 ug/l
RT: 7.446 min Scan# 9
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 185474

Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.7	55.1
71	44.0	34.4	51.6

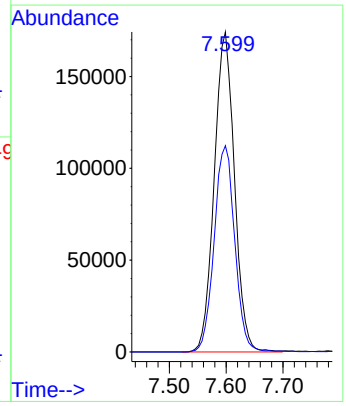


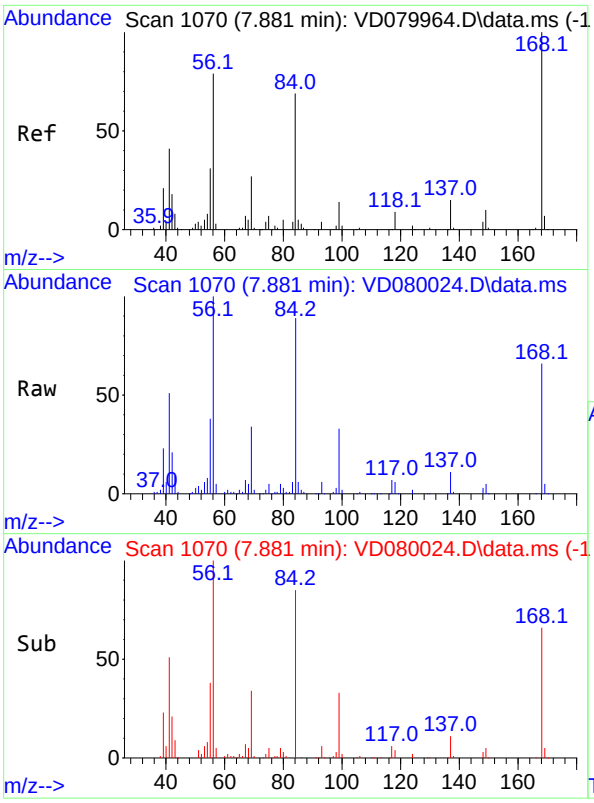


#30
Chloroform
Concen: 96.575 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 83 Resp: 430697

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2



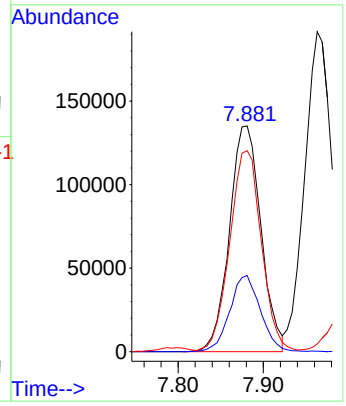


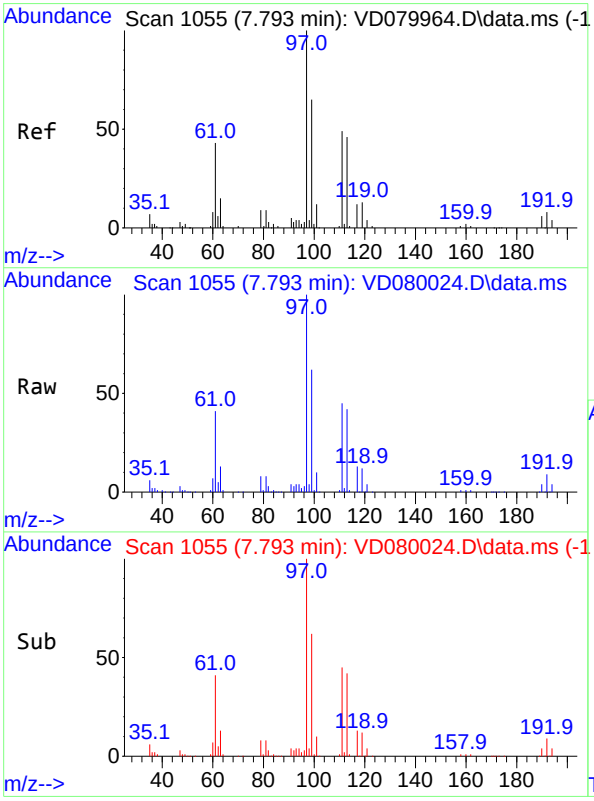
#31
Cyclohexane
Concen: 96.789 ug/l
RT: 7.881 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 347253

Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.3	40.9
84	87.3	70.2	105.4

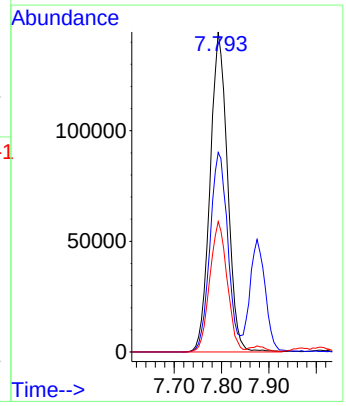


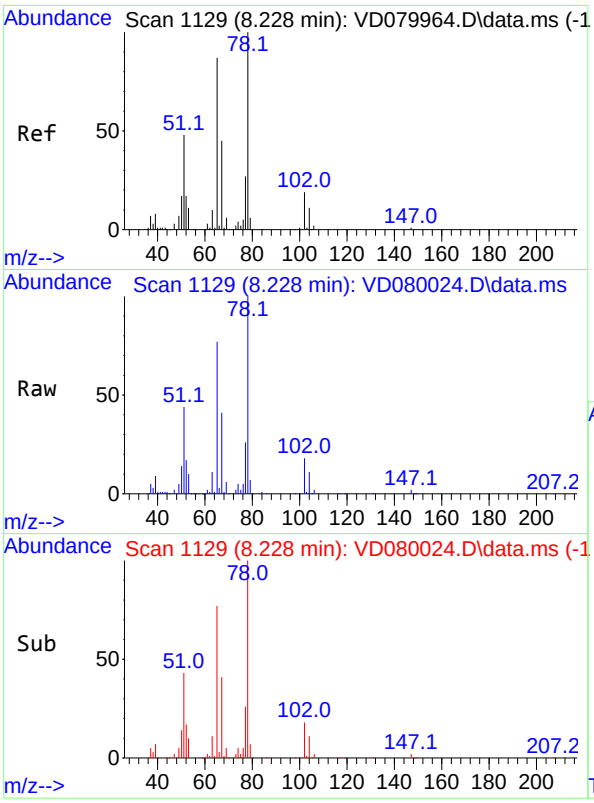


#32
1,1,1-Trichloroethane
Concen: 96.887 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 97 Resp: 369773

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.7	76.1
61	40.7	34.2	51.2



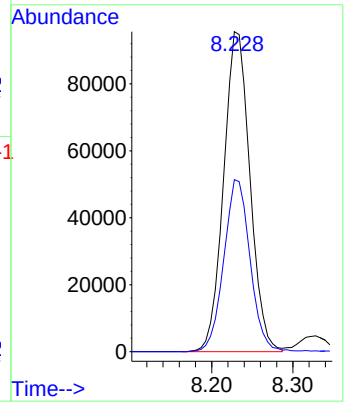


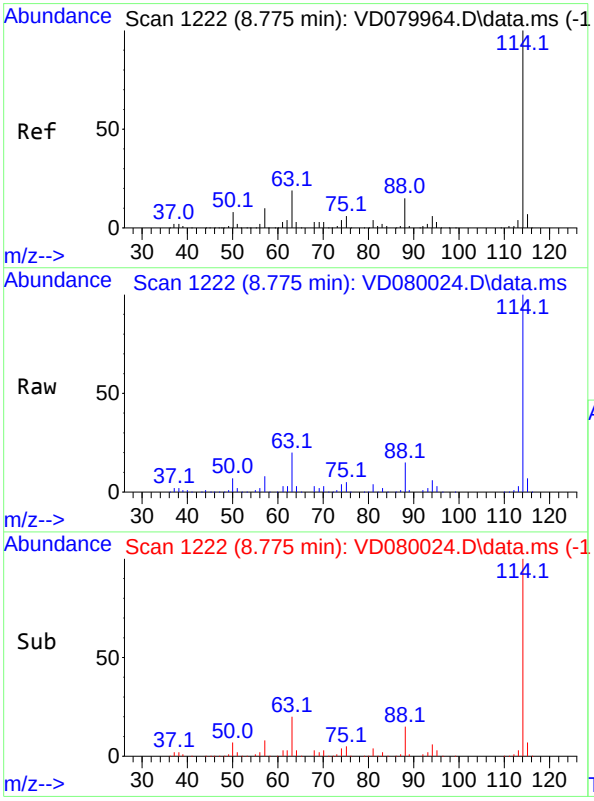
#33
1,2-Dichloroethane-d4
Concen: 97.823 ug/l
RT: 8.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 215523

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.2

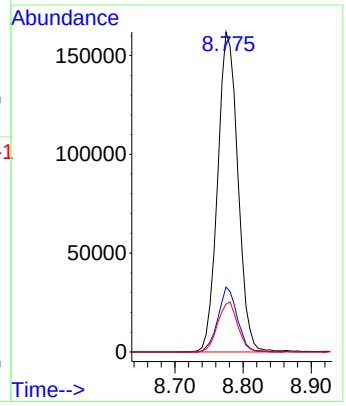


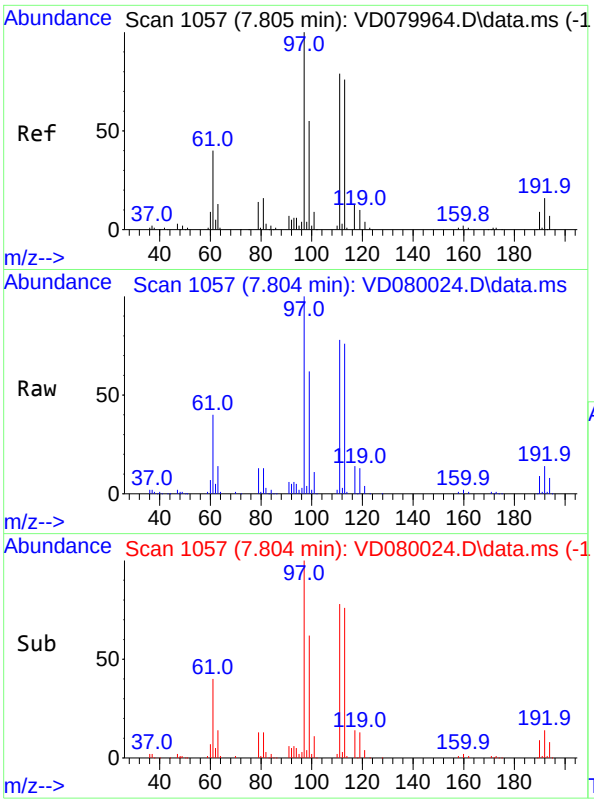


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:114 Resp: 334359

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.8
88	15.0	0.0	30.6



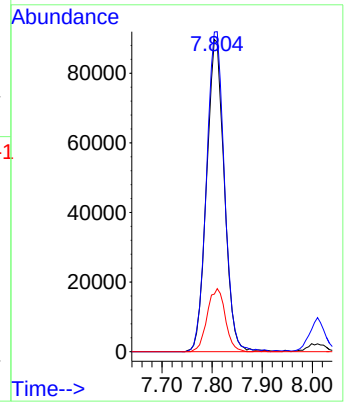


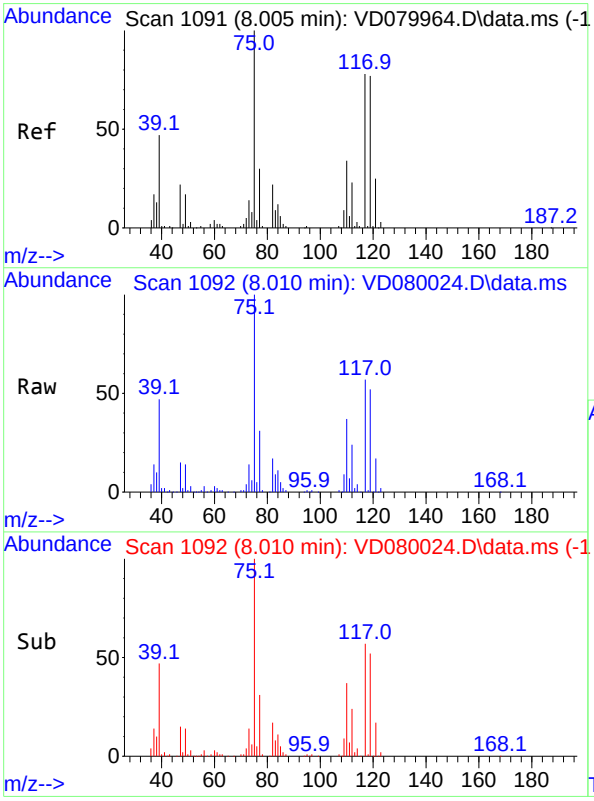
#35
Dibromofluoromethane
Concen: 98.746 ug/l
RT: 7.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 219736

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.5	123.7
192	20.7	16.6	25.0

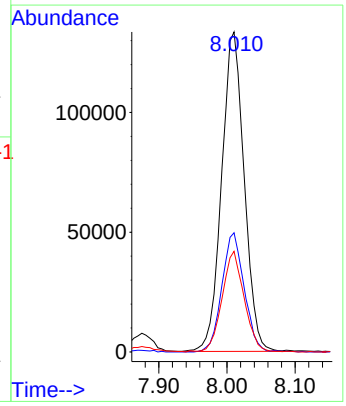


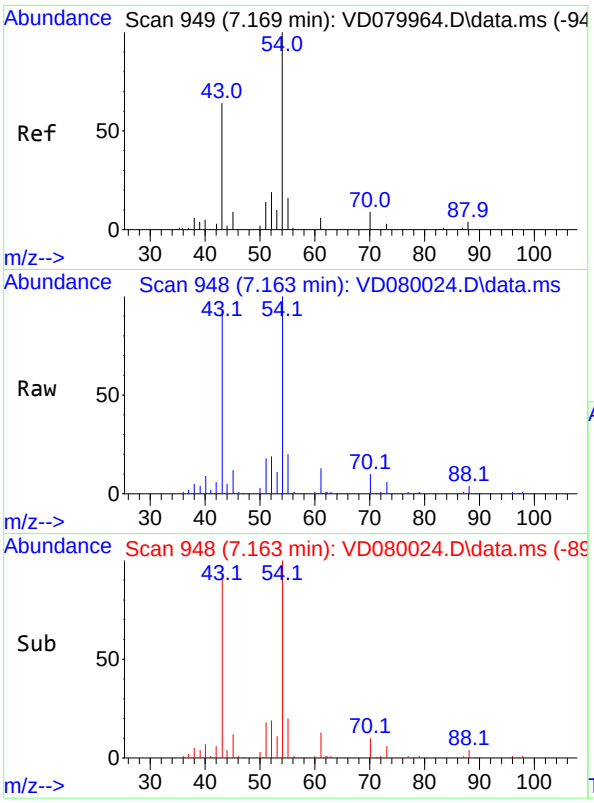


#36
1,1-Dichloropropene
Concen: 101.011 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 75 Resp: 307357

Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.4	55.0
77	31.0	25.6	38.4



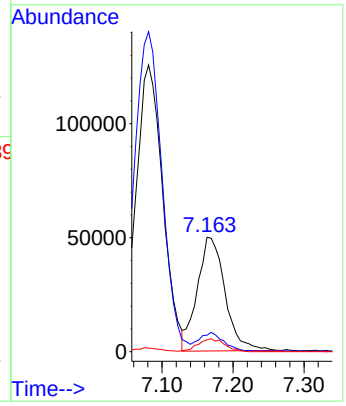


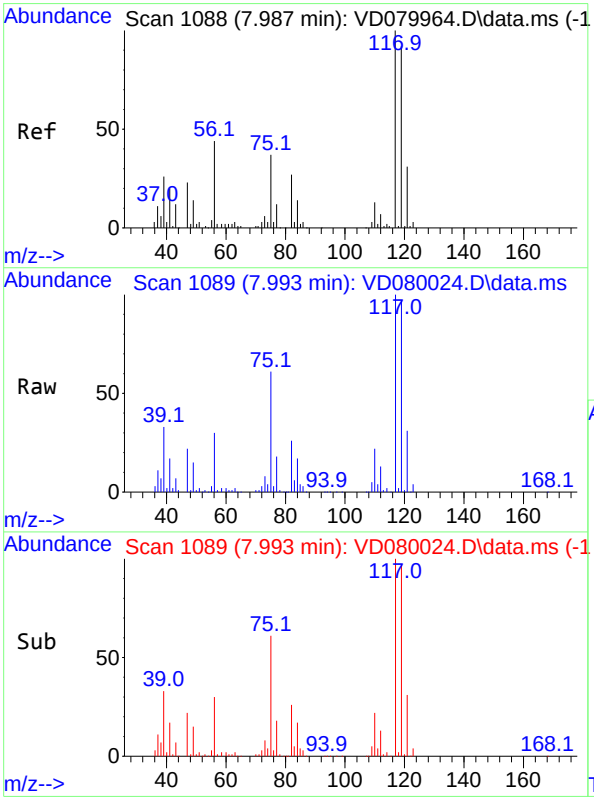
#37
Ethyl Acetate
Concen: 103.638 ug/l
RT: 7.163 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 135547

Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.4
70	10.9	9.4	14.2

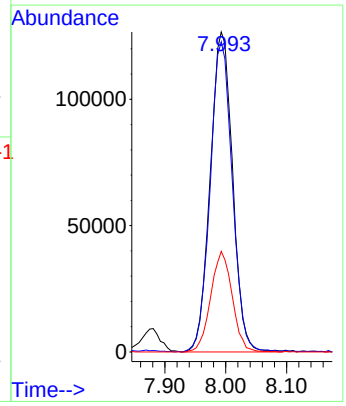


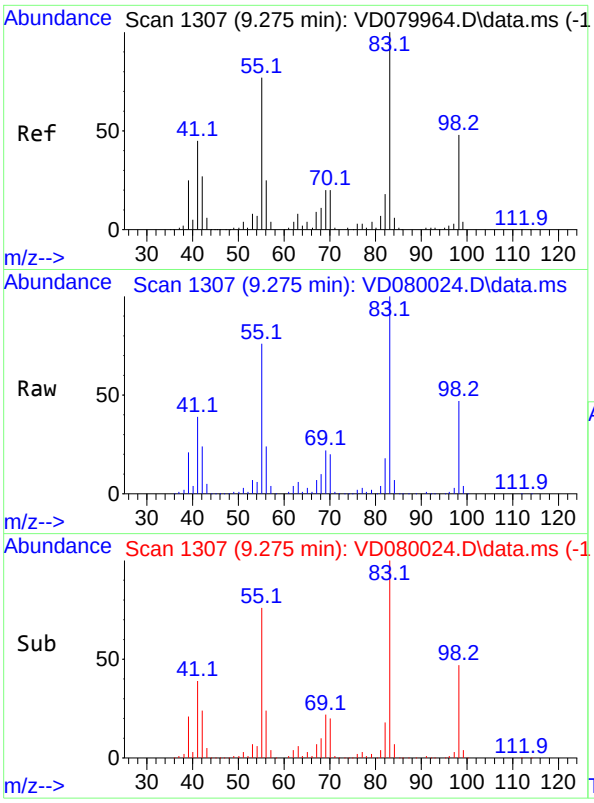


#38
Carbon Tetrachloride
Concen: 97.157 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:117 Resp: 322998

Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.4	110.0
121	31.4	24.5	36.7



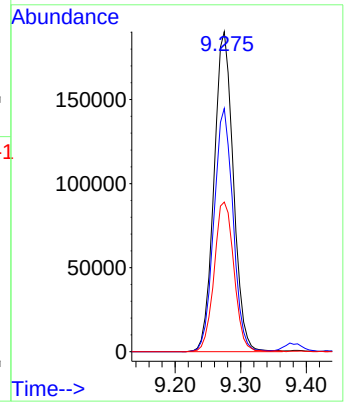


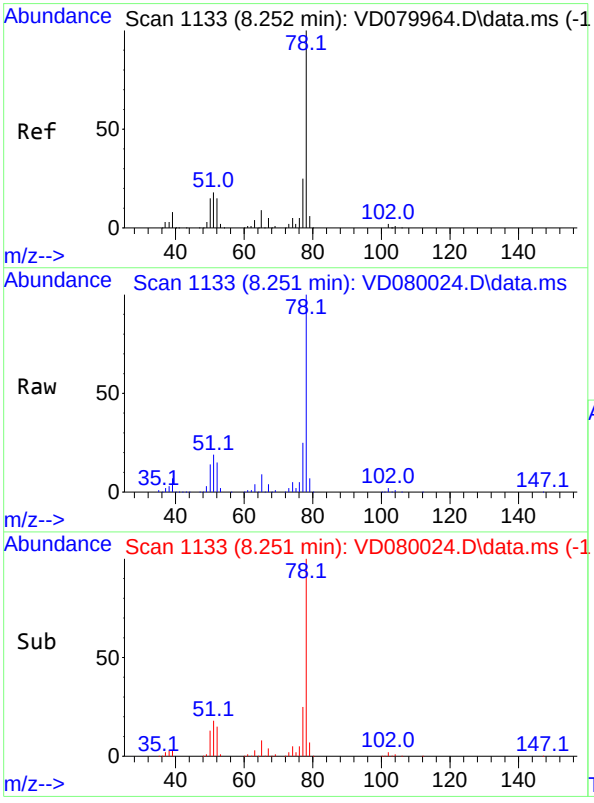
#39
Methylcyclohexane
Concen: 107.583 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 389740

Ion	Ratio	Lower	Upper
83	100		
55	76.0	62.0	93.0
98	46.8	38.7	58.1

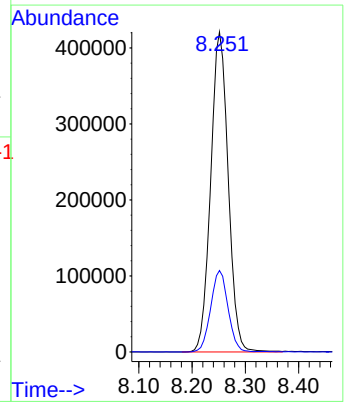


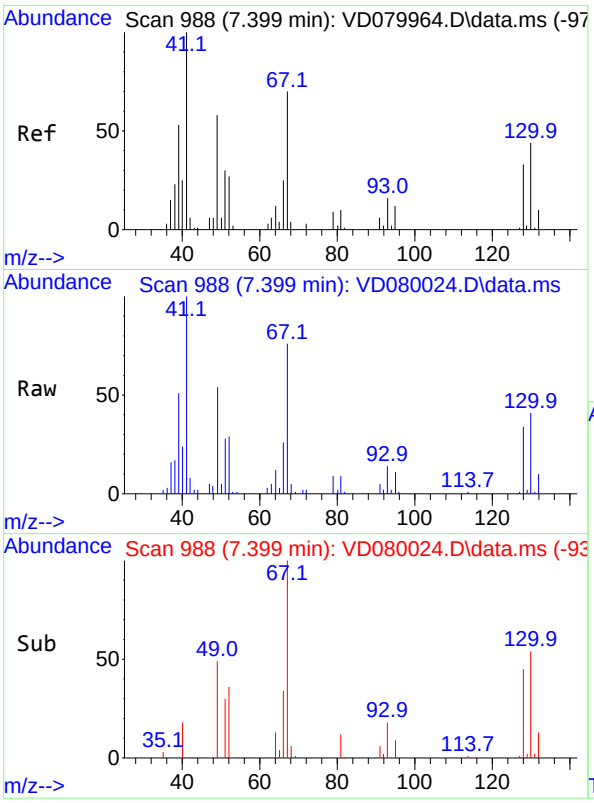


#40
Benzene
Concen: 101.430 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 78 Resp: 962021

Ion	Ratio	Lower	Upper
78	100		
77	25.5	20.2	30.4



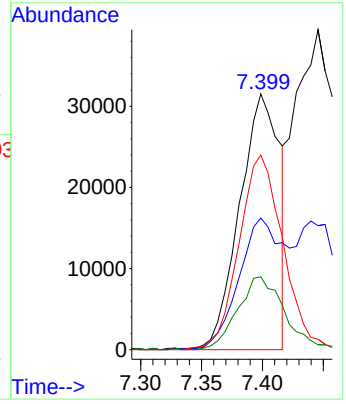


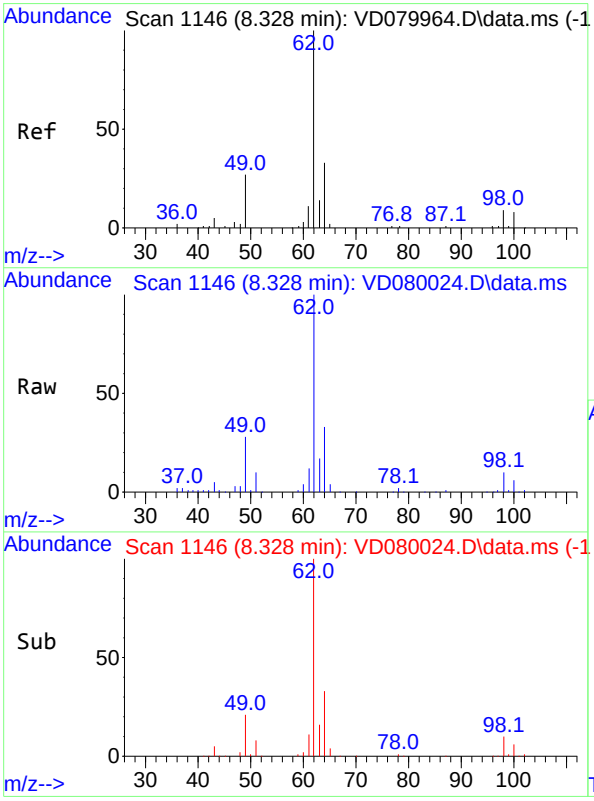
#41
Methacrylonitrile
Concen: 45.650 ug/l
RT: 7.399 min Scan# 9
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 72210

Ion	Ratio	Lower	Upper
41	100		
39	58.5	47.8	71.8
67	83.3	64.9	97.3
52	33.7	27.5	41.3

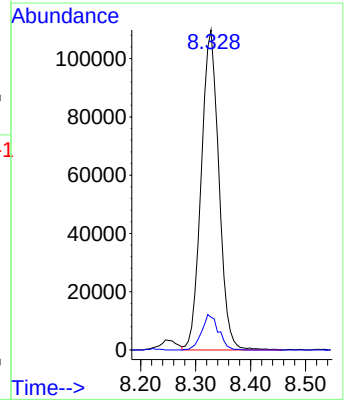


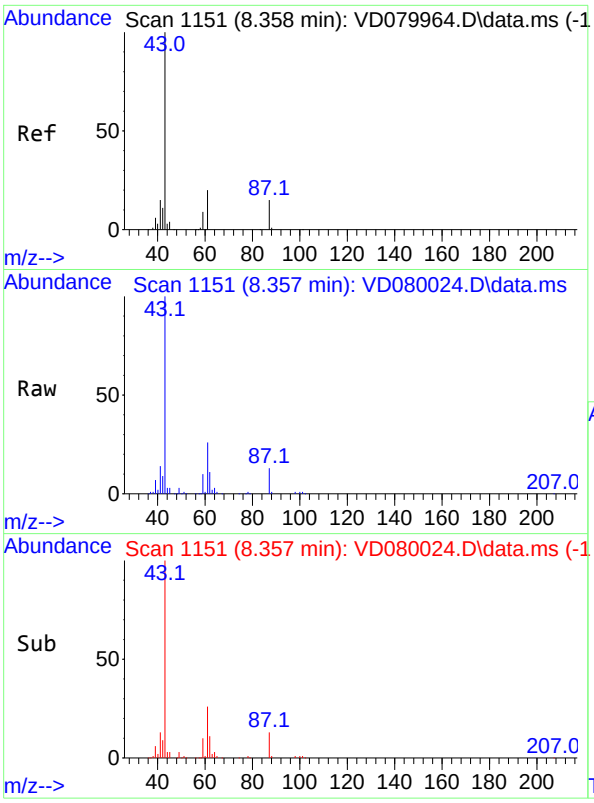


#42
1,2-Dichloroethane
Concen: 99.958 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 62 Resp: 245353

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.8



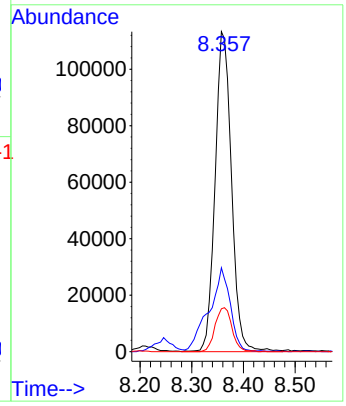


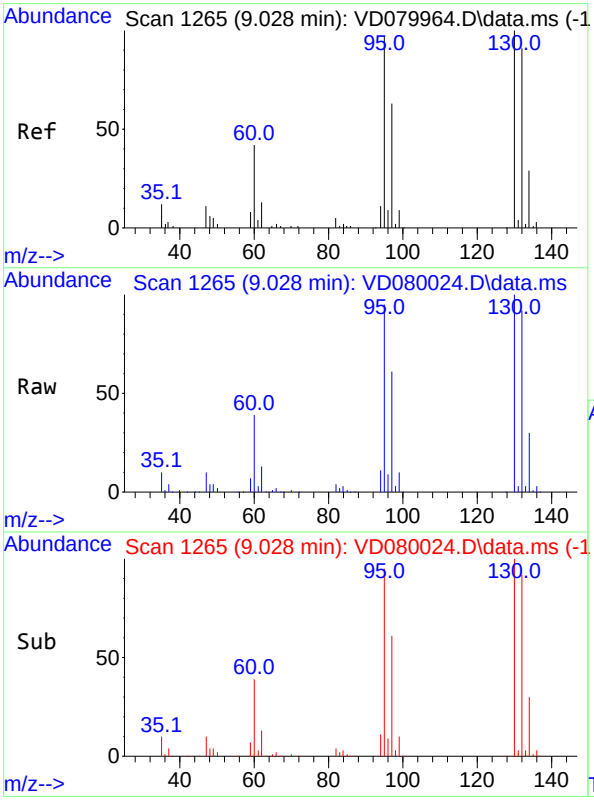
#43
Isopropyl Acetate
Concen: 105.250 ug/l
RT: 8.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 249535

Ion	Ratio	Lower	Upper
43	100		
61	33.7	26.2	39.2
87	14.2	11.8	17.8

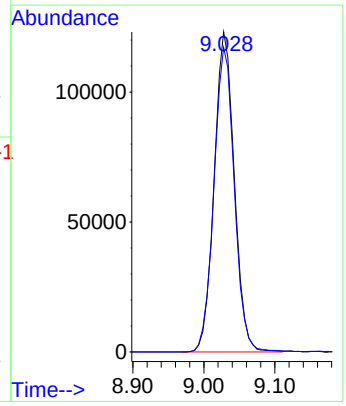


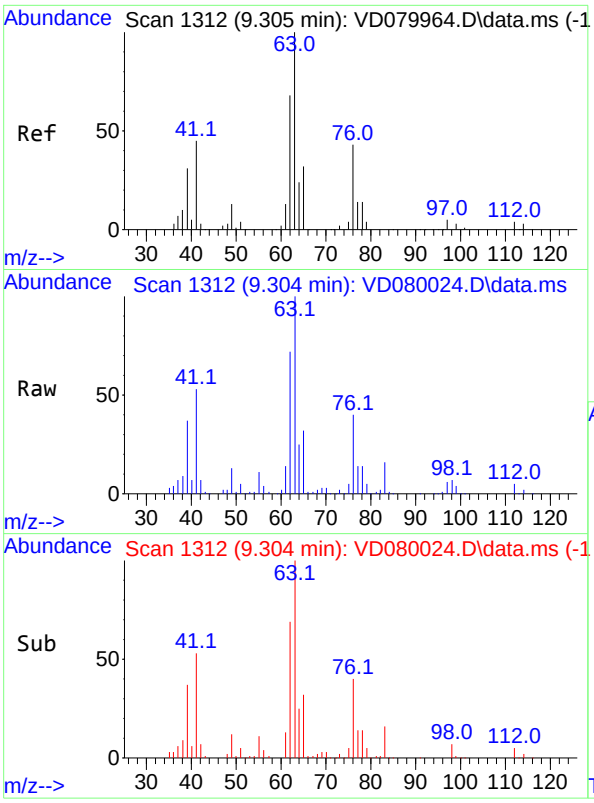


#44
Trichloroethene
Concen: 98.445 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:130 Resp: 241612

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	194.6



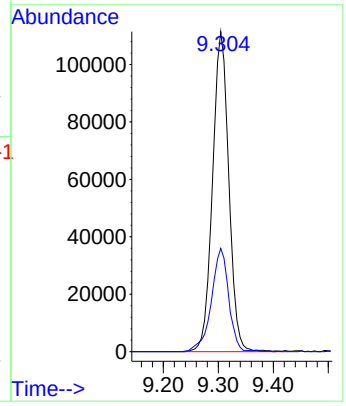


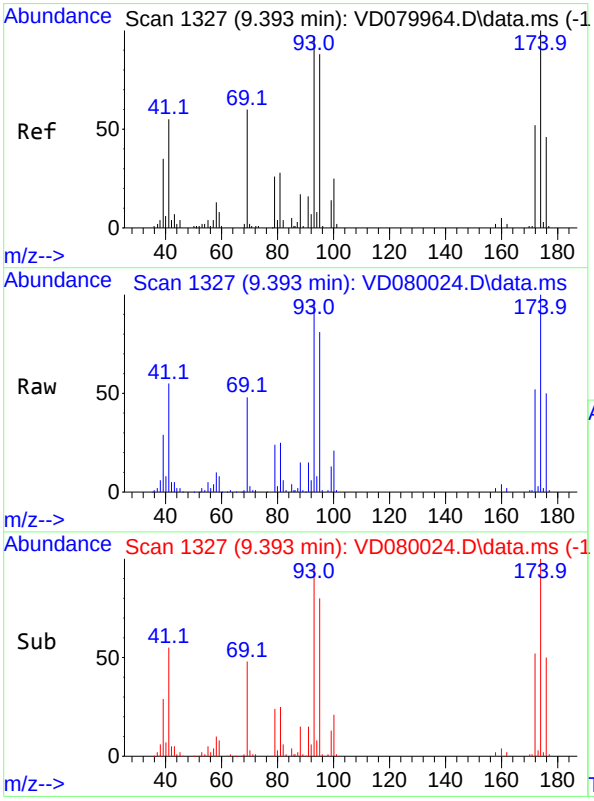
#45
1,2-Dichloropropane
Concen: 100.439 ug/l
RT: 9.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 228930

Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.2	39.4

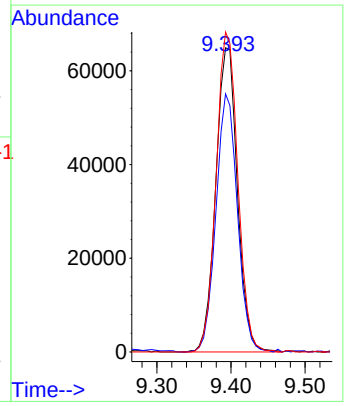


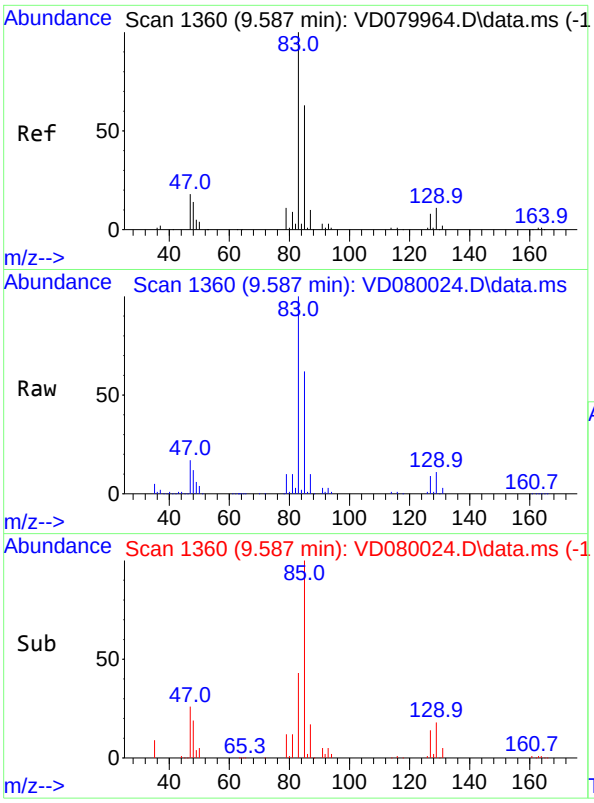


#46
Dibromomethane
Concen: 99.612 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 93 Resp: 132059

Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.9	101.9
174	105.1	80.5	120.7



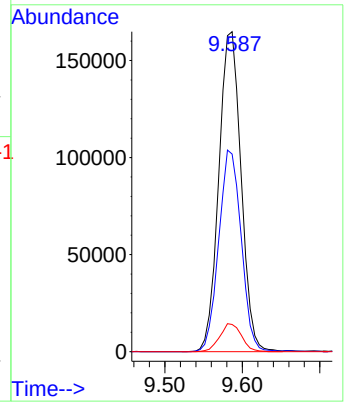


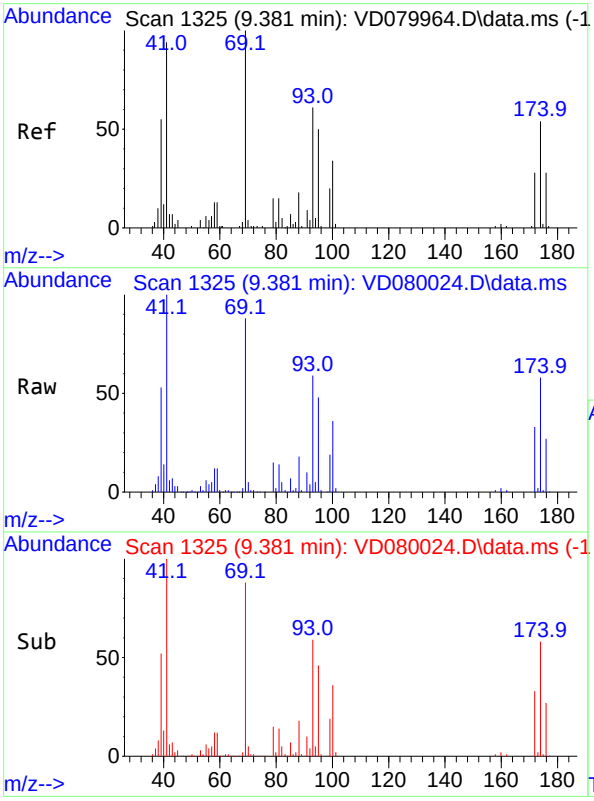
#47
Bromodichloromethane
Concen: 99.233 ug/l
RT: 9.587 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 329294

Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.6	75.8
127	8.5	6.1	9.1

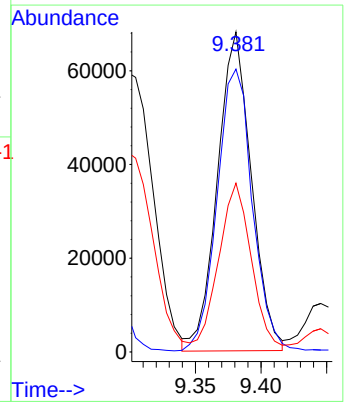


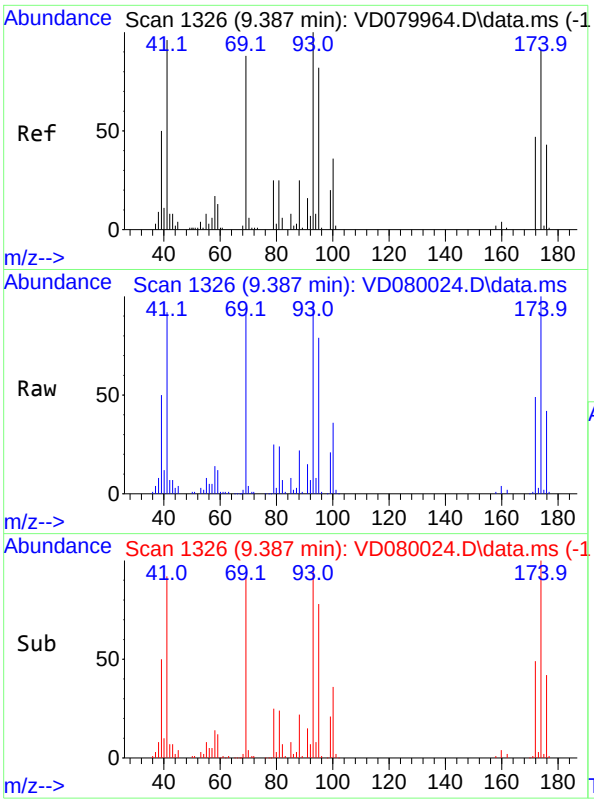


#48
Methyl methacrylate
Concen: 108.222 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 41 Resp: 122491

Ion	Ratio	Lower	Upper
41	100		
69	93.5	74.0	111.0
39	47.4	41.9	62.9



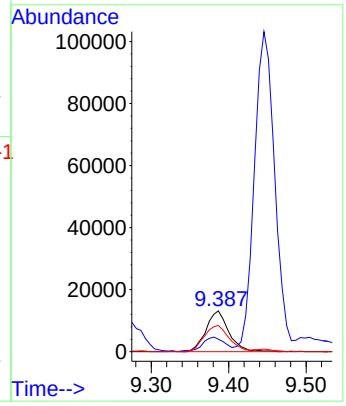


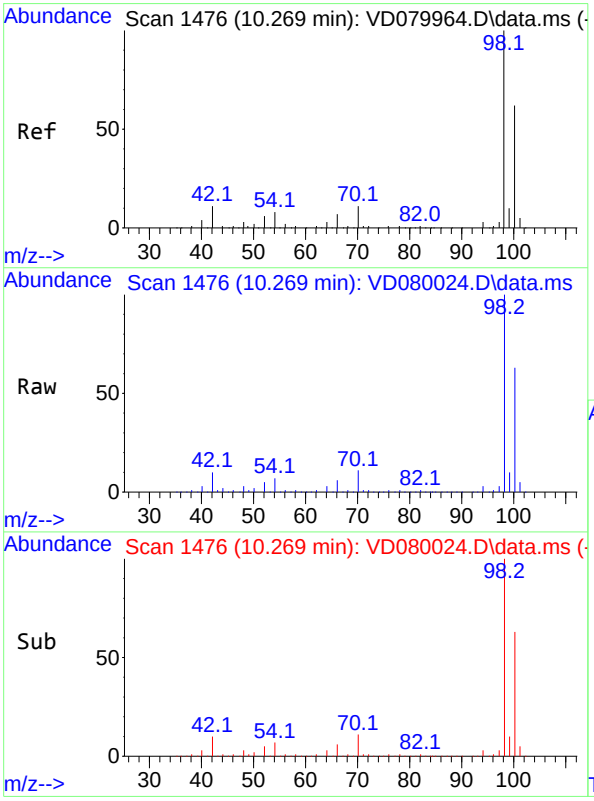
#49
1,4-Dioxane
Concen: 2207.934 ug/l
RT: 9.387 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 26852

Ion	Ratio	Lower	Upper
88	100		
43	34.9	29.1	43.7
58	70.1	59.9	89.9

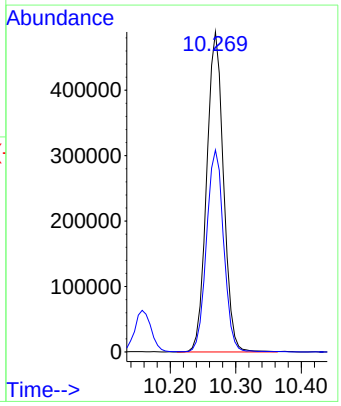


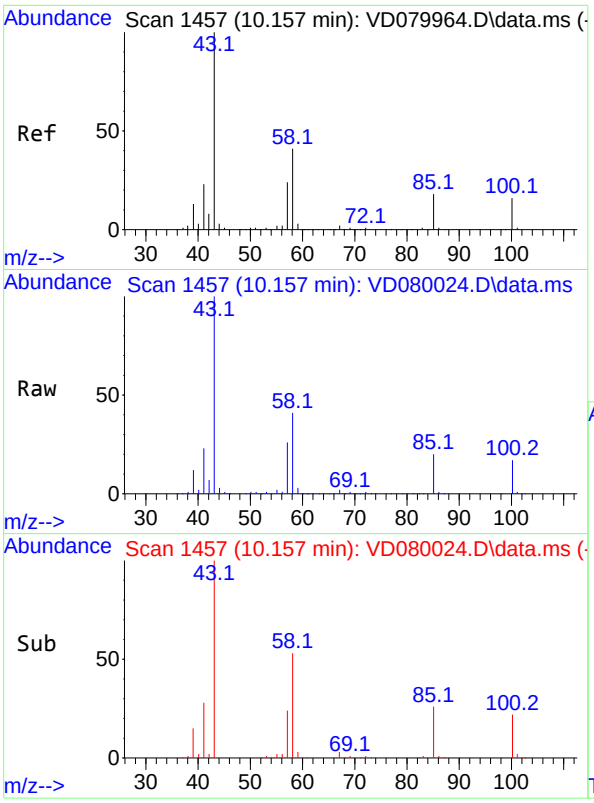


#50
Toluene-d8
Concen: 103.923 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 98 Resp: 871600

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.2	75.4



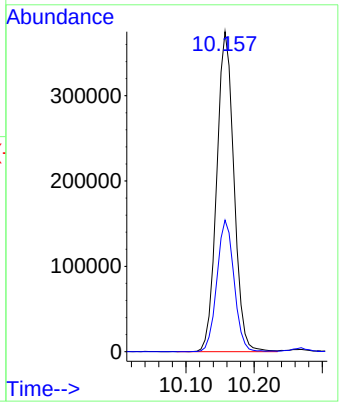


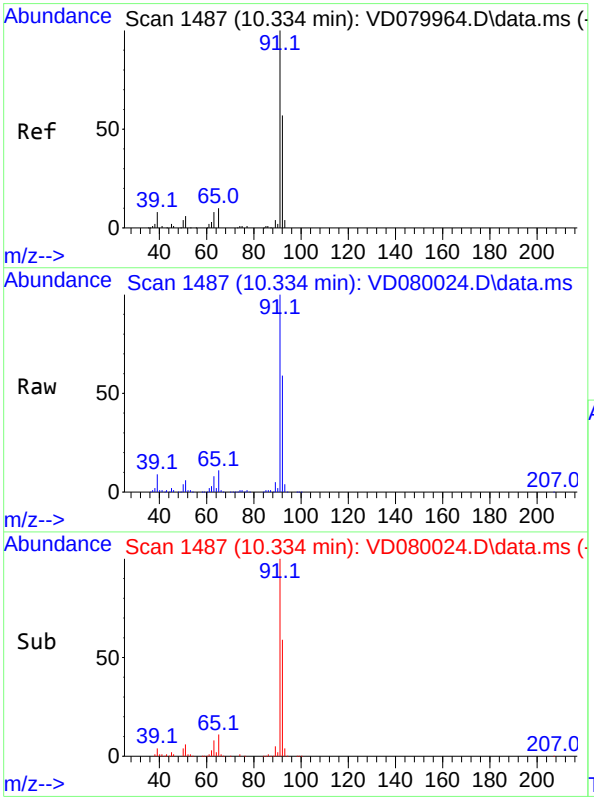
#51
4-Methyl-2-Pentanone
Concen: 548.072 ug/l
RT: 10.157 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 659252

Ion	Ratio	Lower	Upper
43	100		
58	41.1	32.8	49.2

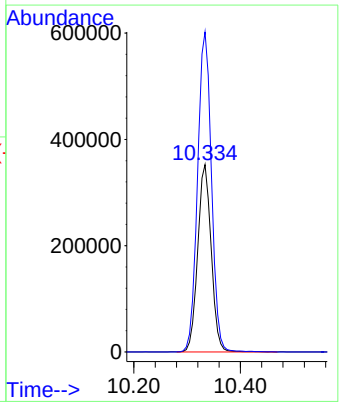


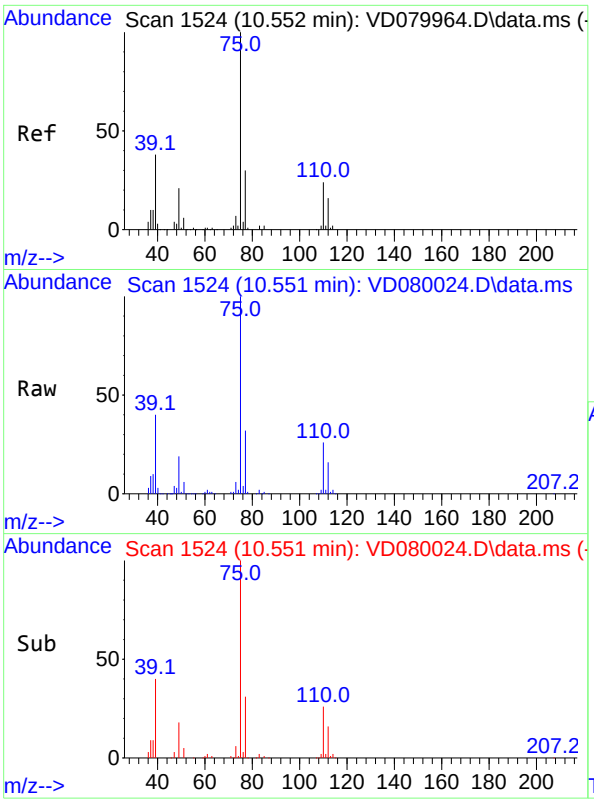


#52
Toluene
Concen: 105.120 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 92 Resp: 619581

Ion	Ratio	Lower	Upper
92	100		
91	175.8	139.3	208.9



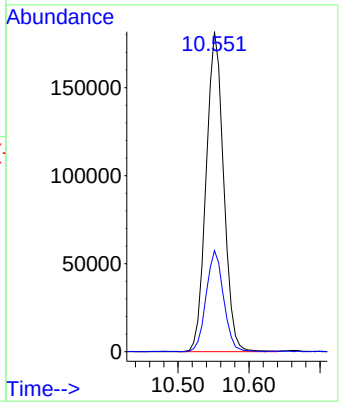


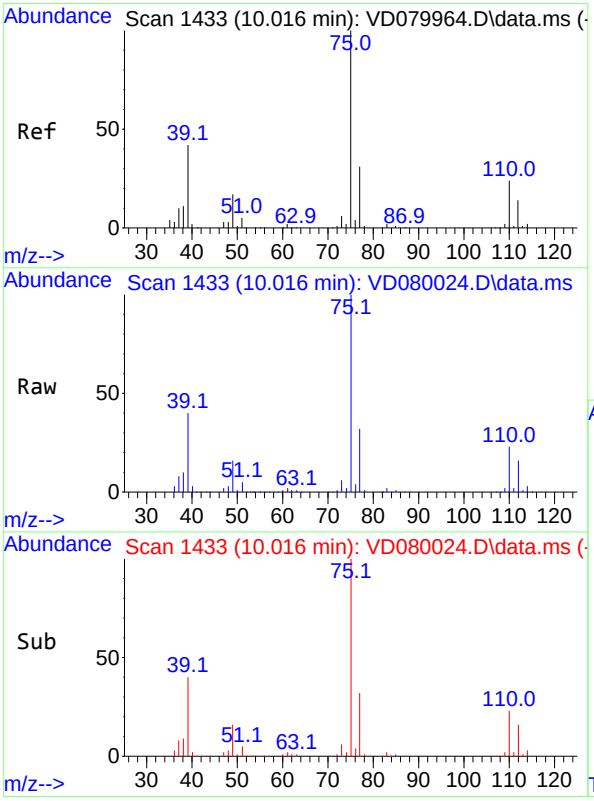
#53
t-1,3-Dichloropropene
Concen: 105.046 ug/l
RT: 10.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 310735

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.1	36.1

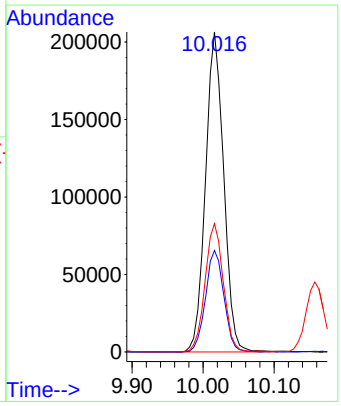


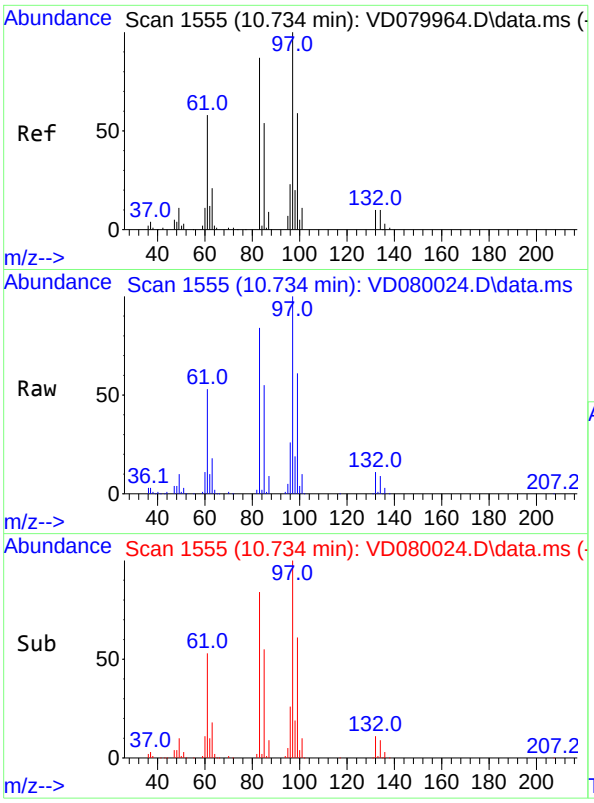


#54
cis-1,3-Dichloropropene
Concen: 104.923 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 75 Resp: 367453

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	40.0	33.2	49.8



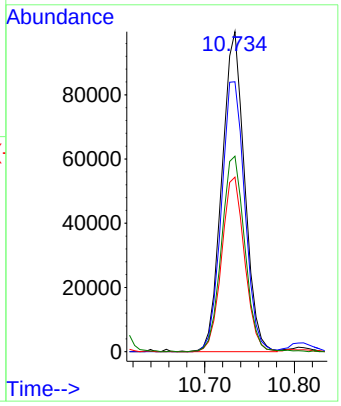


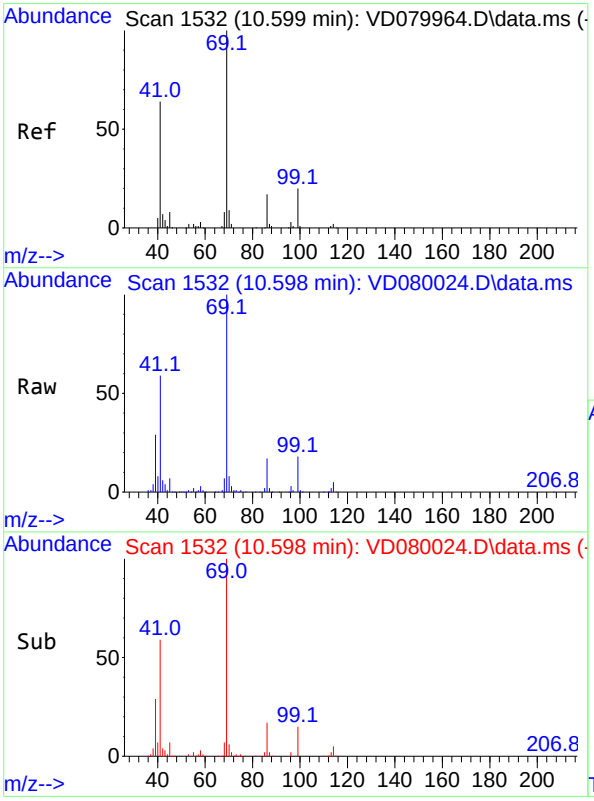
#55
1,1,2-Trichloroethane
Concen: 99.751 ug/l
RT: 10.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 174957

Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.2	103.8
85	54.5	43.0	64.6
99	61.1	47.4	71.2

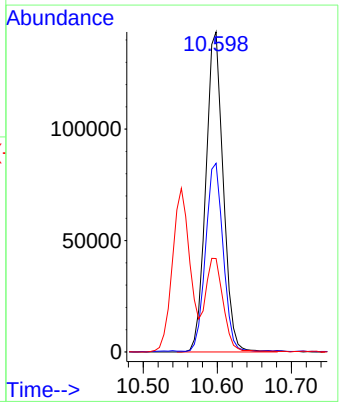


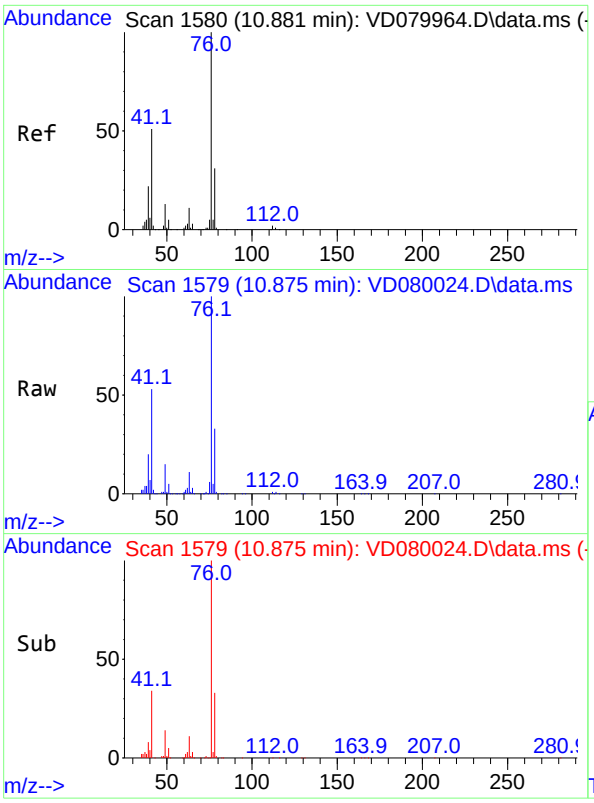


#56
Ethyl methacrylate
Concen: 114.843 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 69 Resp: 234226

Ion	Ratio	Lower	Upper
69	100		
41	59.2	50.4	75.6
39	30.1	26.0	39.0



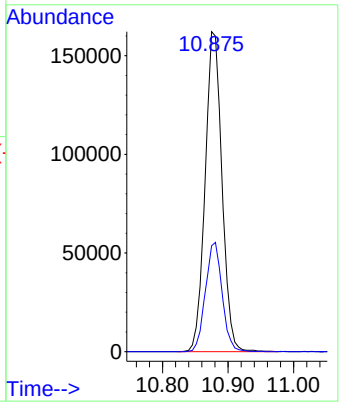


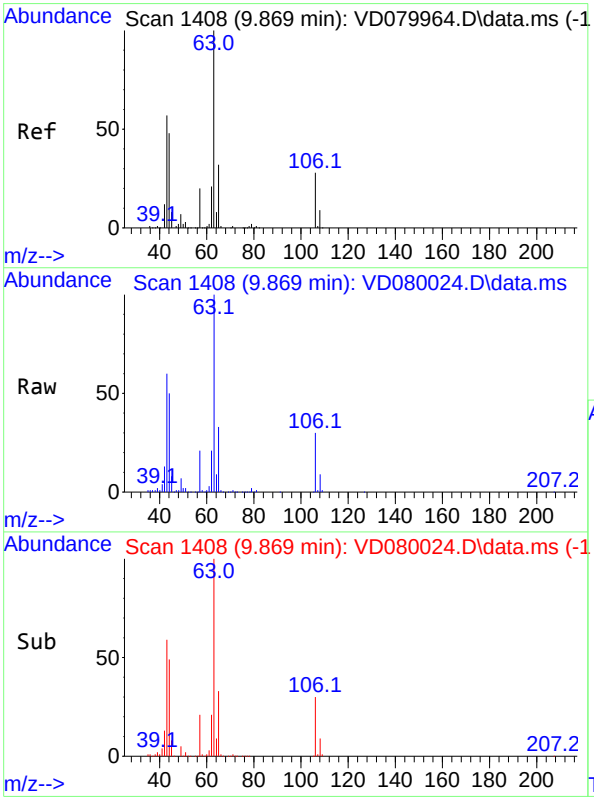
#57
1,3-Dichloropropane
Concen: 101.719 ug/l
RT: 10.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 290227

Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.4	38.2

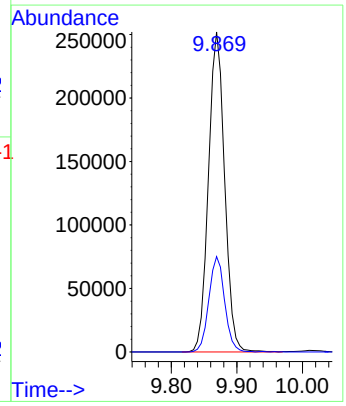


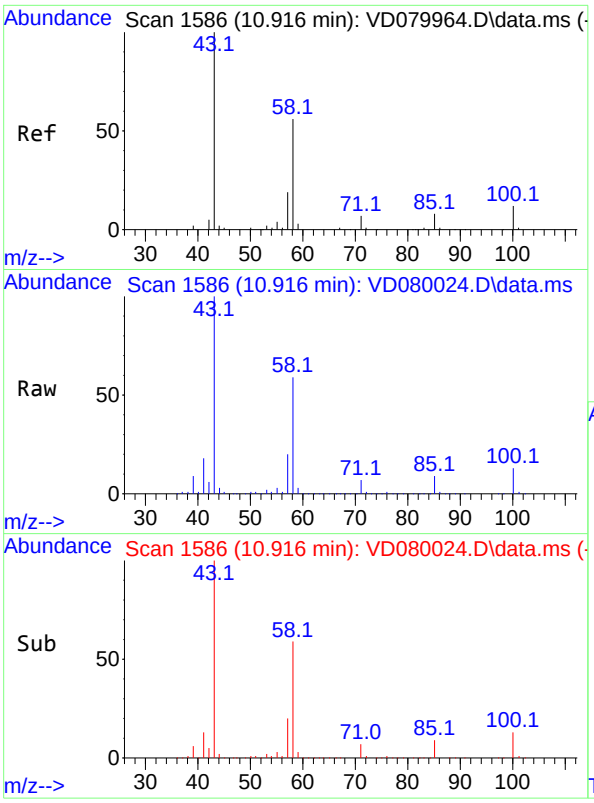


#58
2-Chloroethyl Vinyl ether
Concen: 560.800 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 63 Resp: 432592

Ion	Ratio	Lower	Upper
63	100		
106	29.0	21.8	32.6



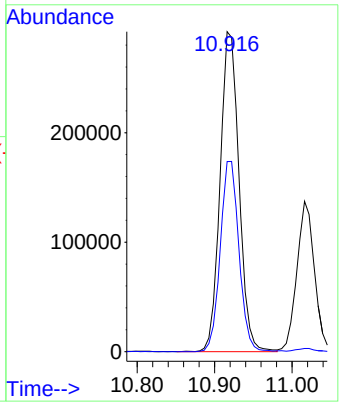


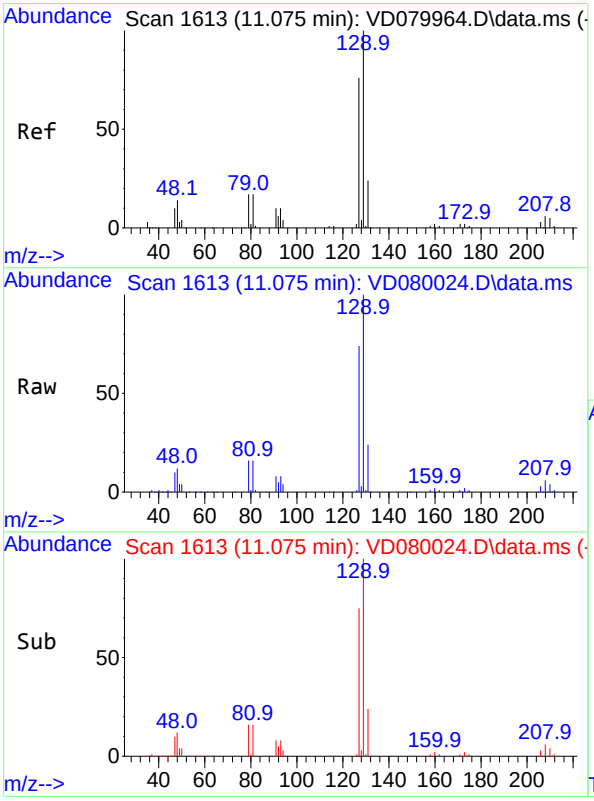
#59
2-Hexanone
Concen: 561.155 ug/l
RT: 10.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 496488

Ion	Ratio	Lower	Upper
43	100		
58	58.8	27.8	83.4

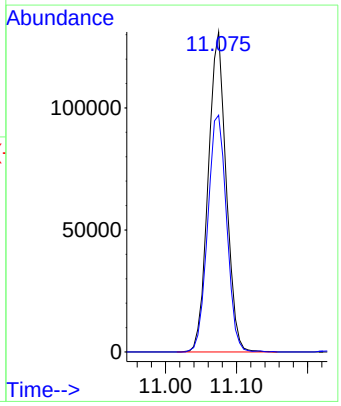


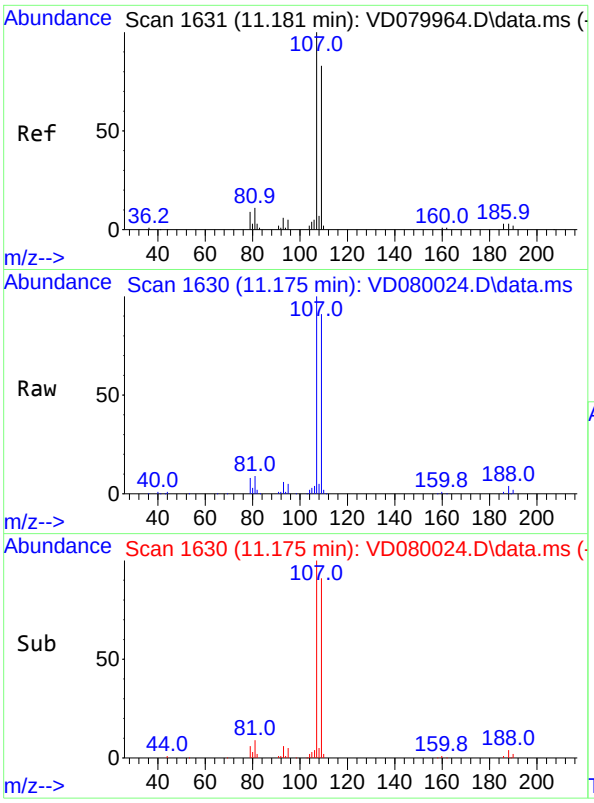


#60
Dibromochloromethane
Concen: 101.696 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:129 Resp: 229588

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2



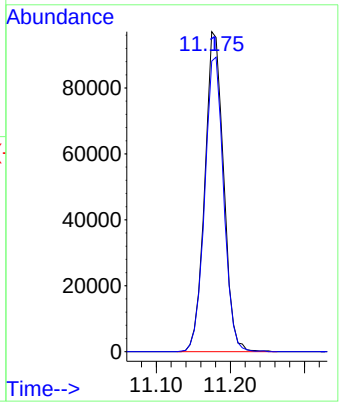


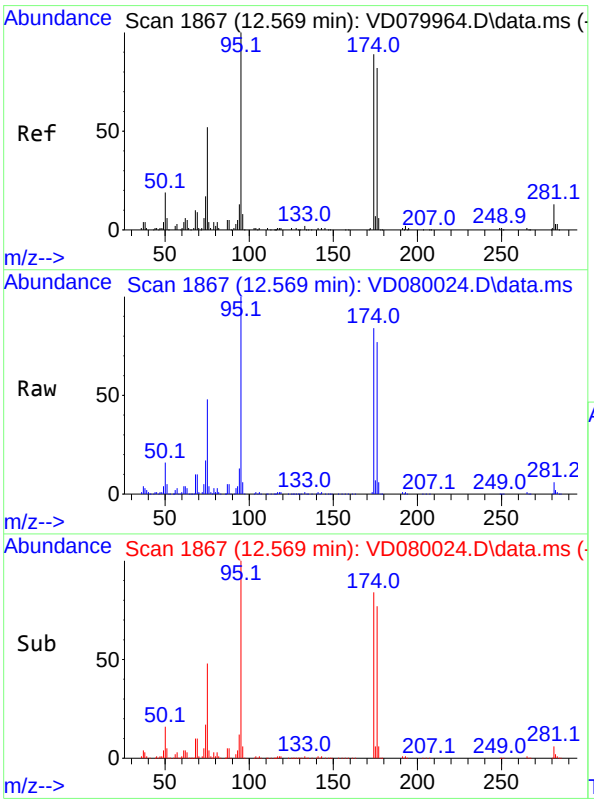
#61
1,2-Dibromoethane
Concen: 103.337 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:107 Resp: 170888

Ion	Ratio	Lower	Upper
107	100		
109	92.8	73.9	110.9

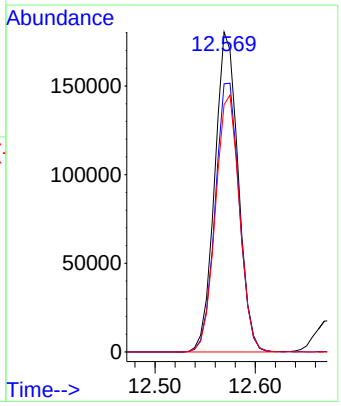


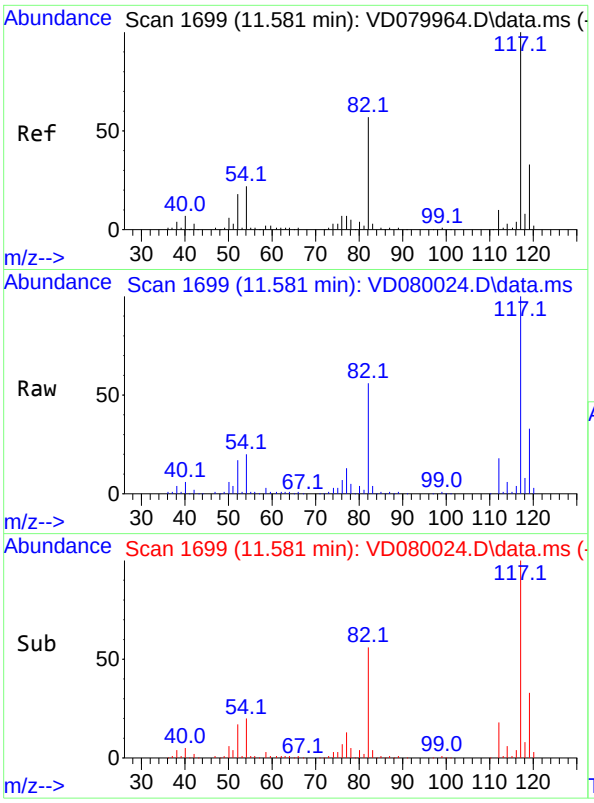


#62
4-Bromofluorobenzene
Concen: 106.269 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 95 Resp: 292418

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	173.4
176	82.5	0.0	166.6



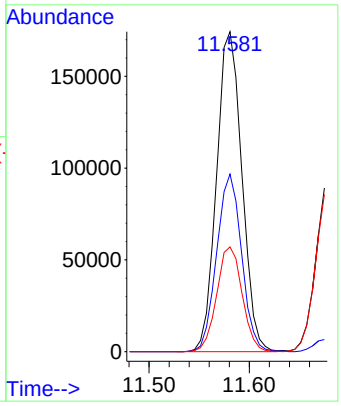


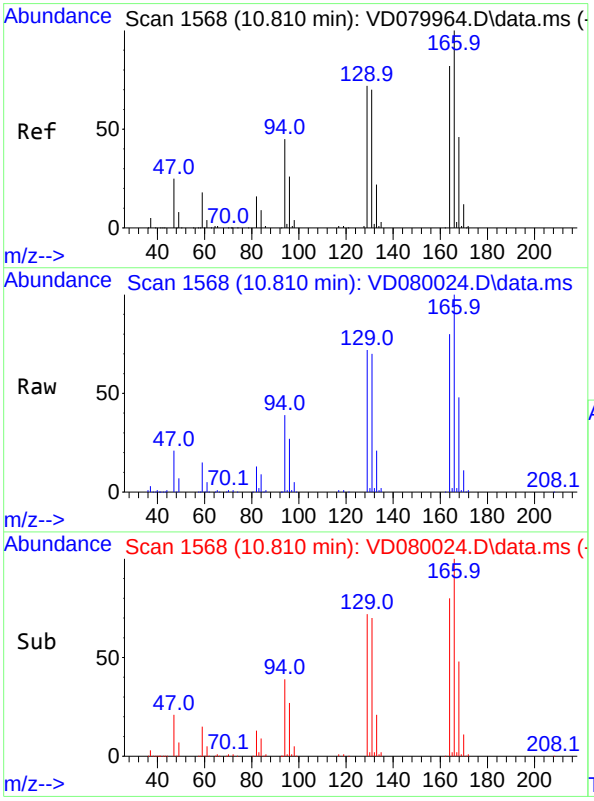
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 305672

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.8	68.6
119	32.7	26.2	39.2

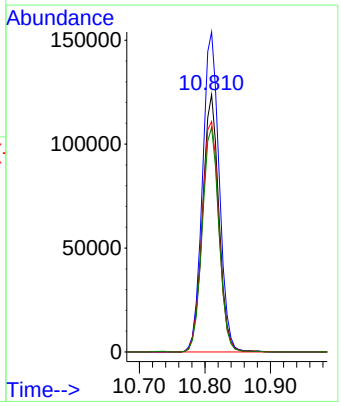


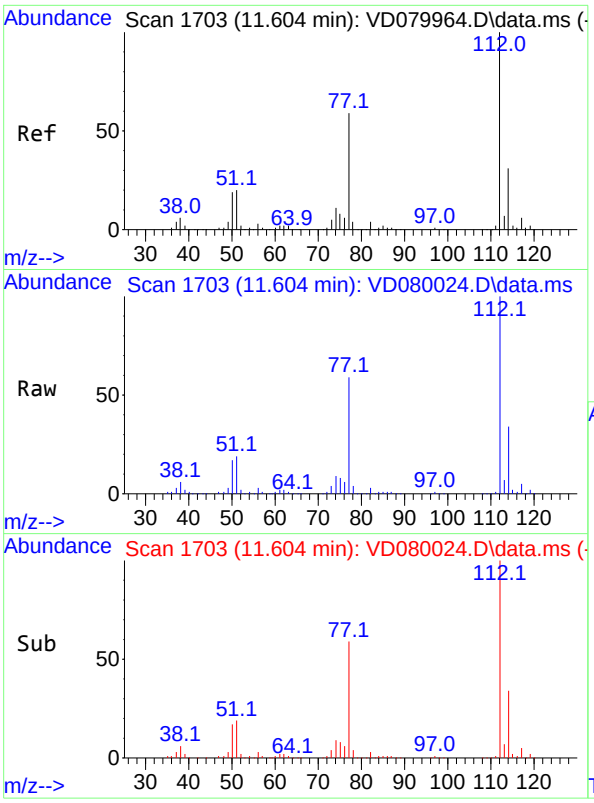


#64
Tetrachloroethene
Concen: 98.797 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:164 Resp: 215063

Ion	Ratio	Lower	Upper
164	100		
166	124.4	97.5	146.3
129	89.6	70.6	106.0
131	87.3	68.7	103.1



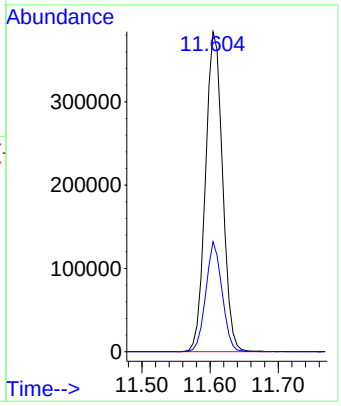


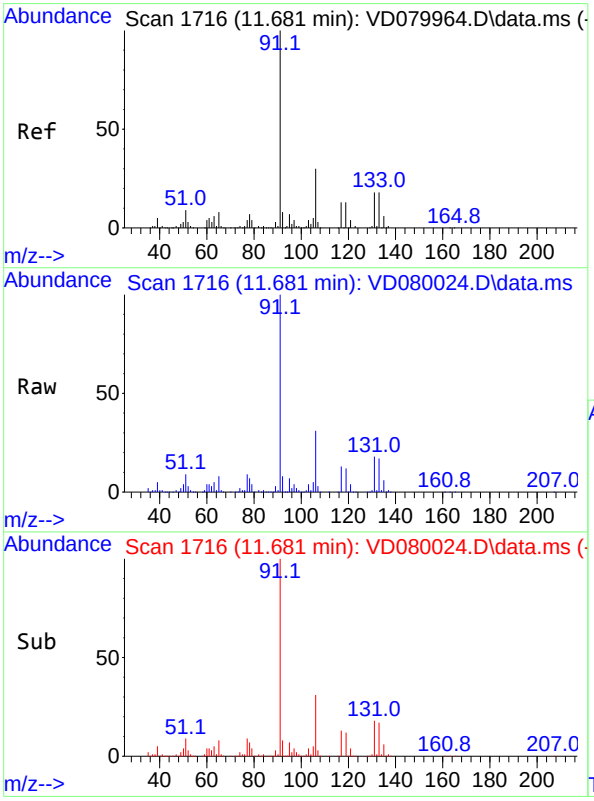
#65
Chlorobenzene
Concen: 100.383 ug/l
RT: 11.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 669342

Ion	Ratio	Lower	Upper
112	100		
114	34.4	24.6	37.0

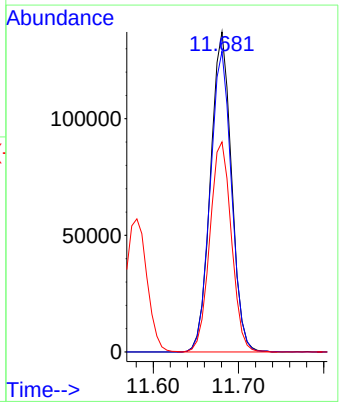


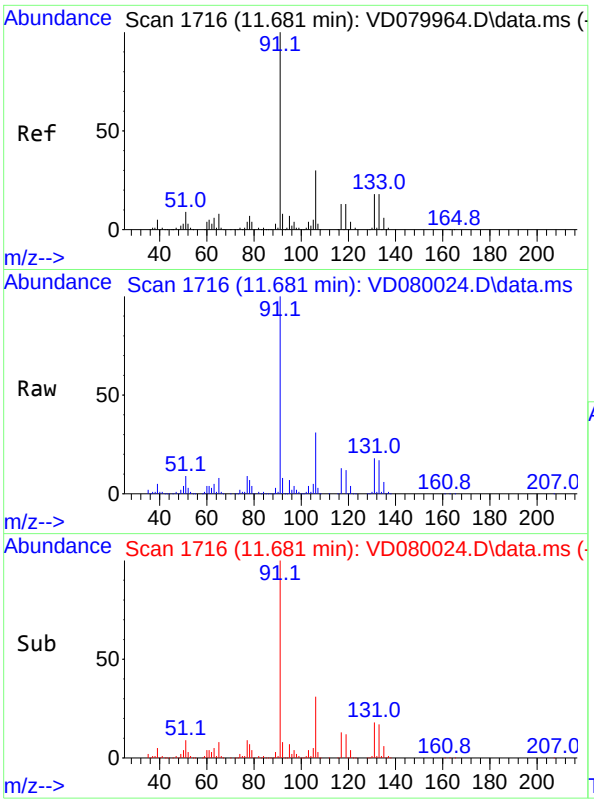


#66
1,1,1,2-Tetrachloroethane
Concen: 101.126 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:131 Resp: 234719

Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.8	146.4
119	67.5	34.8	104.3



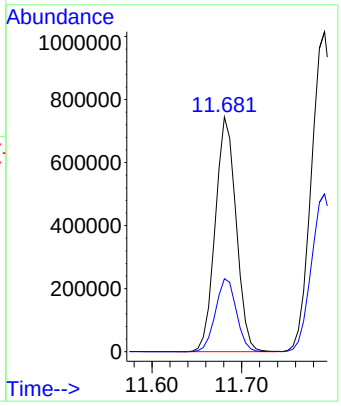


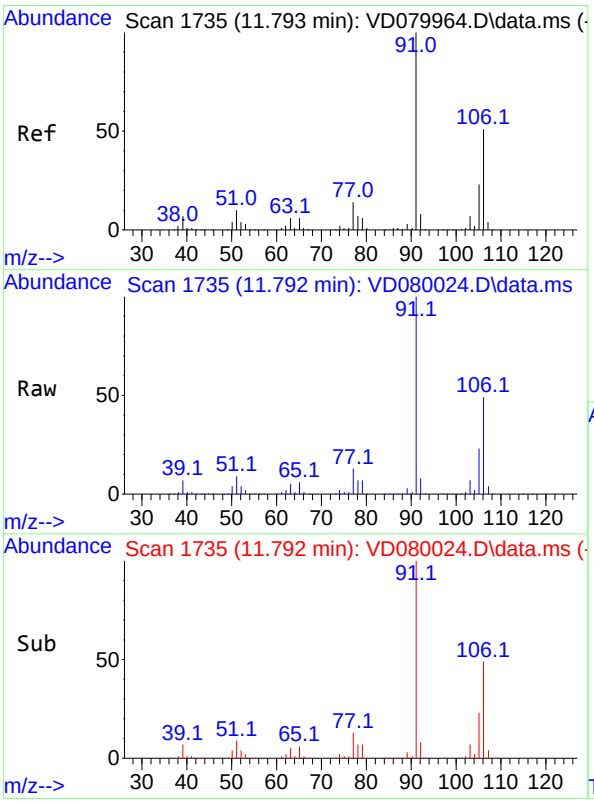
#67
Ethyl Benzene
Concen: 107.390 ug/l
RT: 11.681 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 1201503

Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.6	35.4

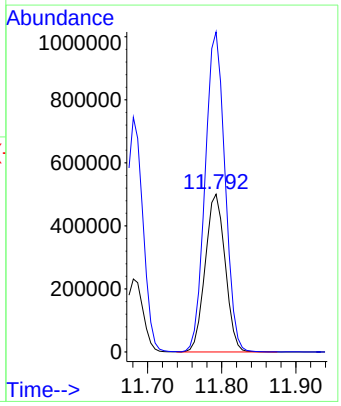


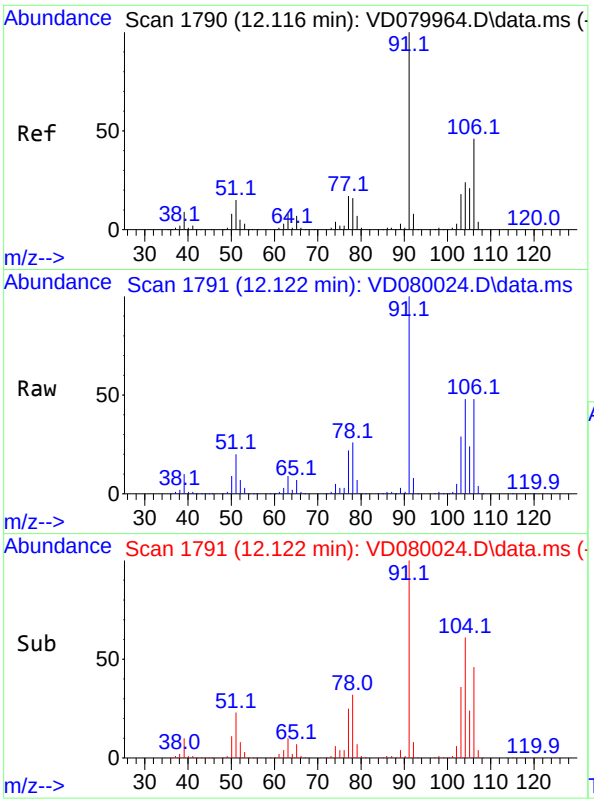


#68
m/p-Xylenes
Concen: 214.234 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:106 Resp: 936727

Ion	Ratio	Lower	Upper
106	100		
91	201.2	162.6	244.0



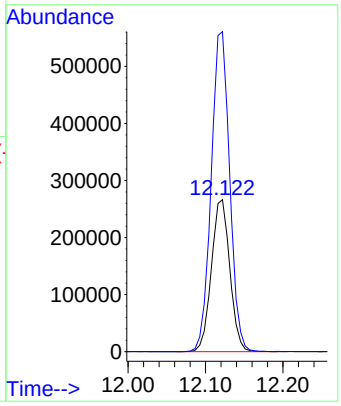


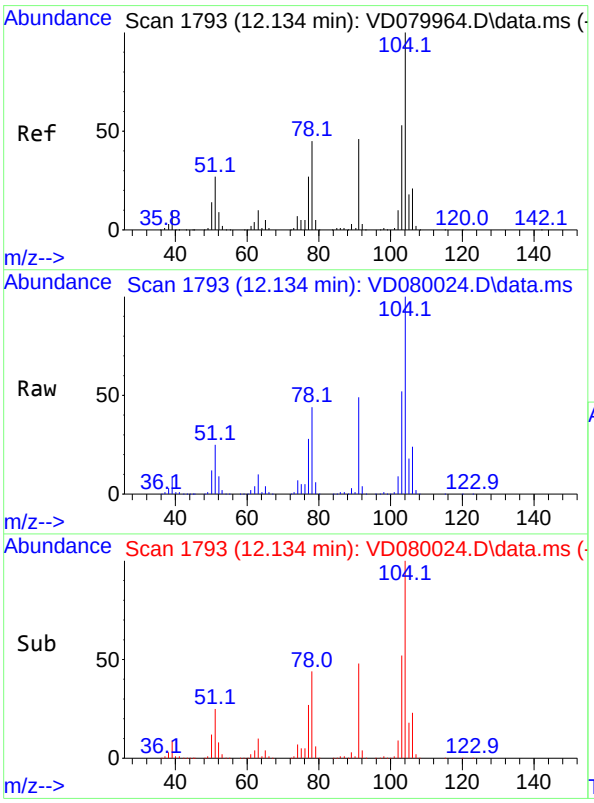
#69
o-Xylene
Concen: 112.033 ug/l
RT: 12.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 440333

Ion	Ratio	Lower	Upper
106	100		
91	211.1	110.5	331.5

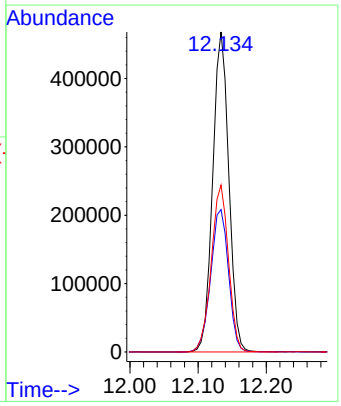


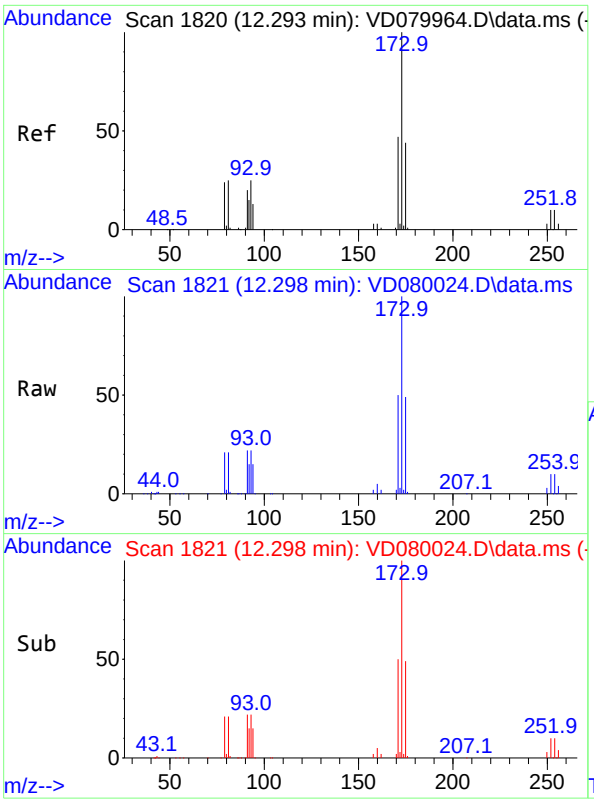


#70
Styrene
Concen: 109.754 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:104 Resp: 769949

Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.8	59.8
103	55.7	45.2	67.8



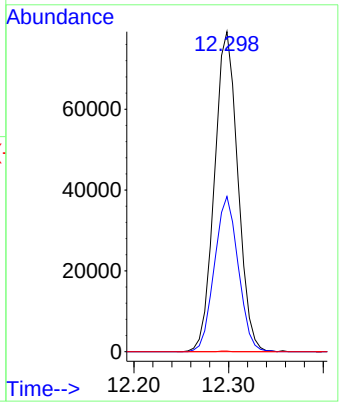


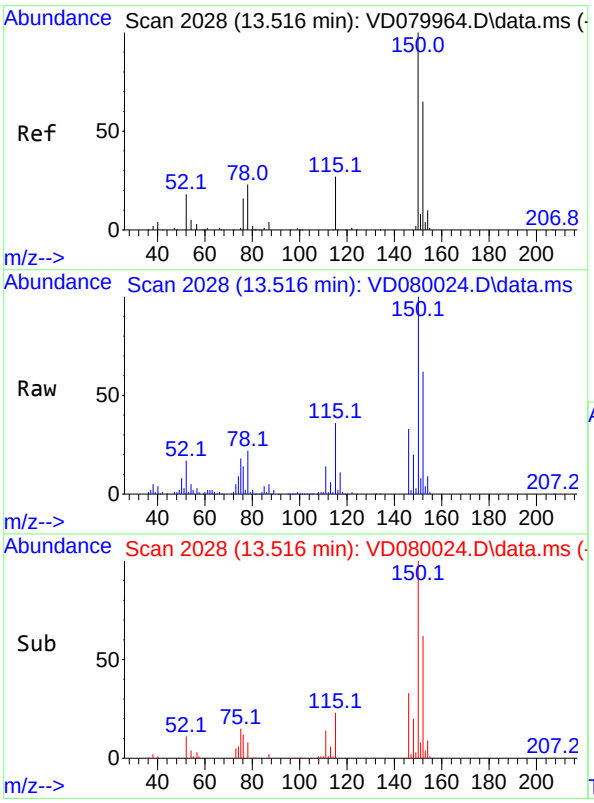
#71
Bromoform
Concen: 99.202 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 135759

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.1	0.0	0.0#

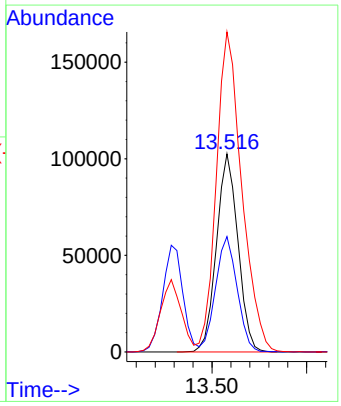


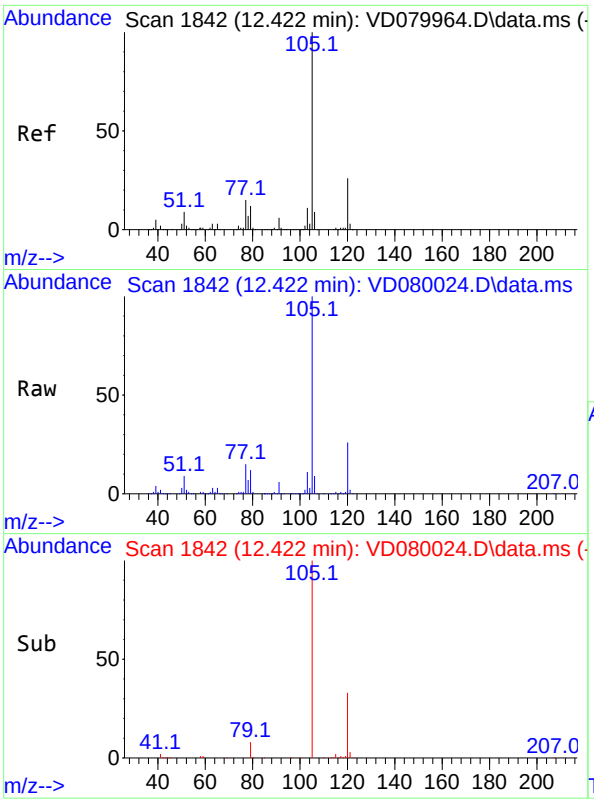


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:152 Resp: 161470

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.8
150	191.8	0.0	354.8



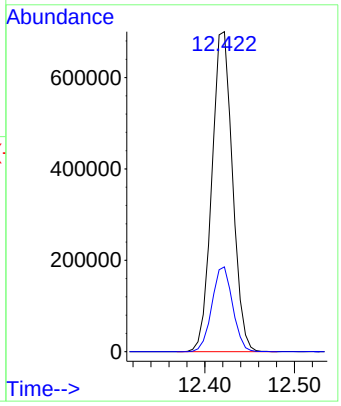


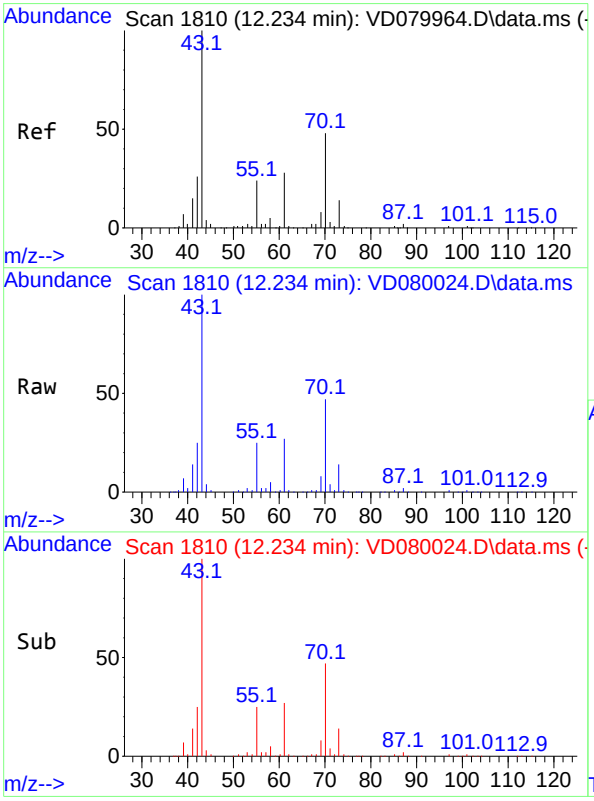
#73
Isopropylbenzene
Concen: 107.387 ug/l
RT: 12.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 1118214

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.3	39.9

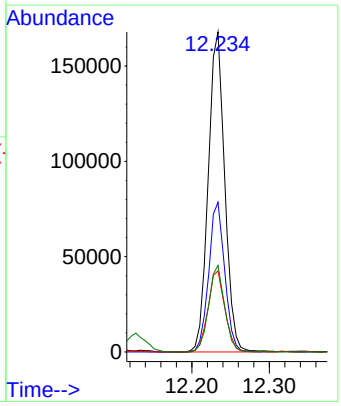


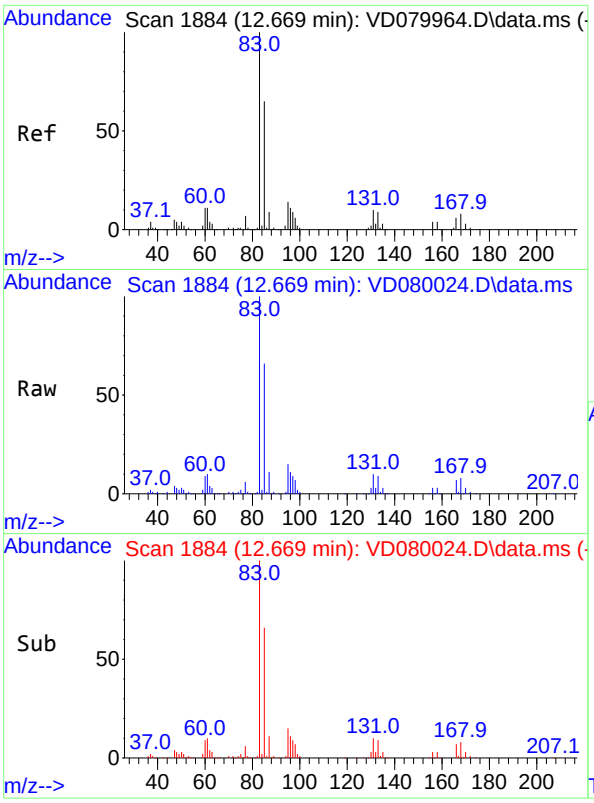


#74
N-amyl acetate
Concen: 108.581 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 43 Resp: 249128

Ion	Ratio	Lower	Upper
43	100		
70	45.4	36.3	54.5
55	26.0	20.3	30.5
61	26.1	19.7	29.5



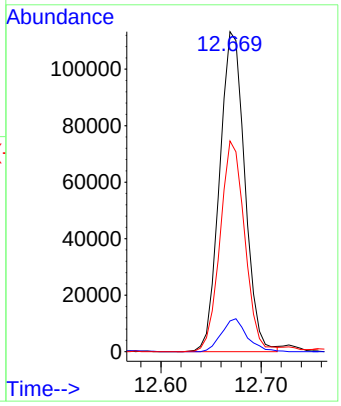


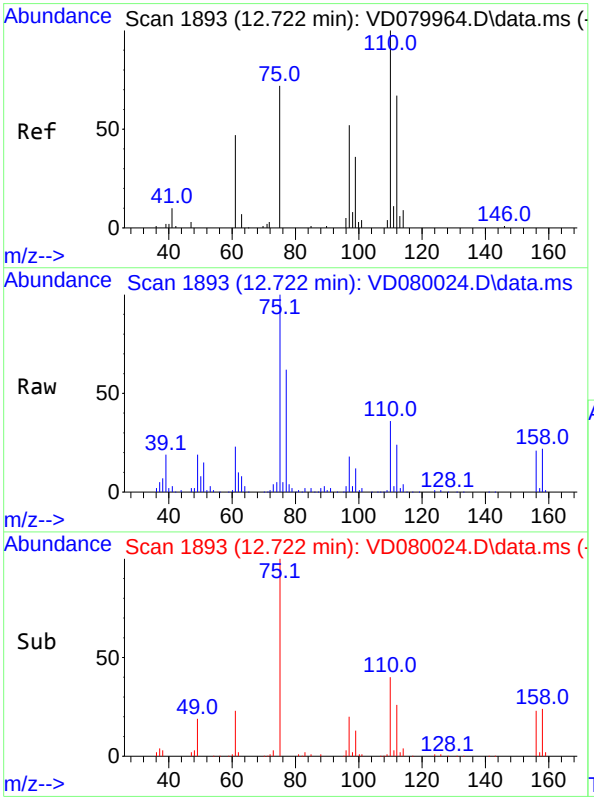
#75
1,1,2,2-Tetrachloroethane
Concen: 98.708 ug/l
RT: 12.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 197534

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	65.7	32.9	98.6

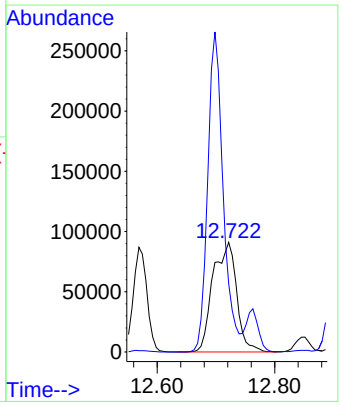


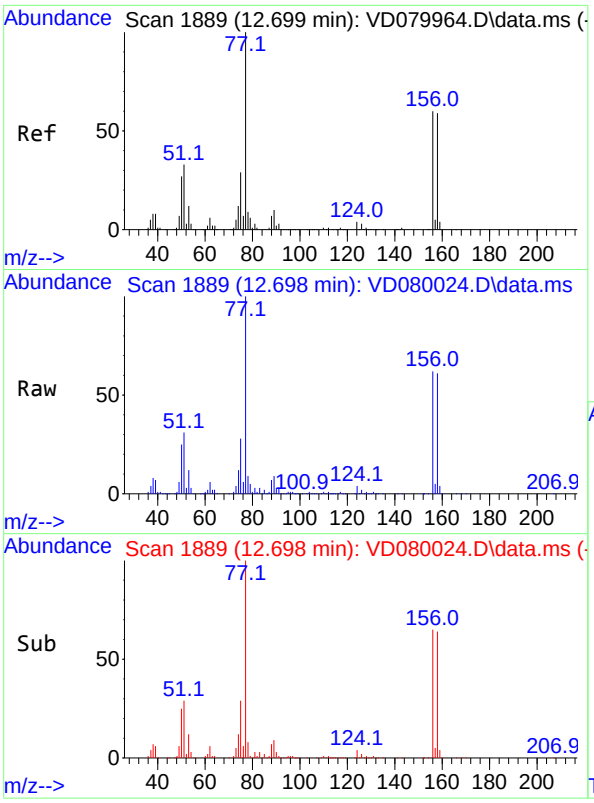


#76
1,2,3-Trichloropropane
Concen: 102.950 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 75 Resp: 254725

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



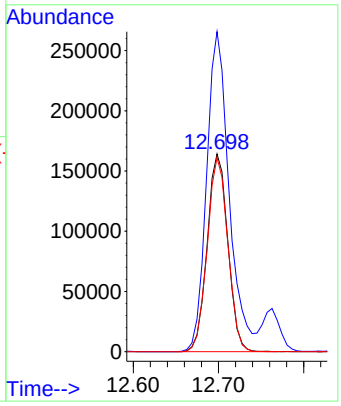


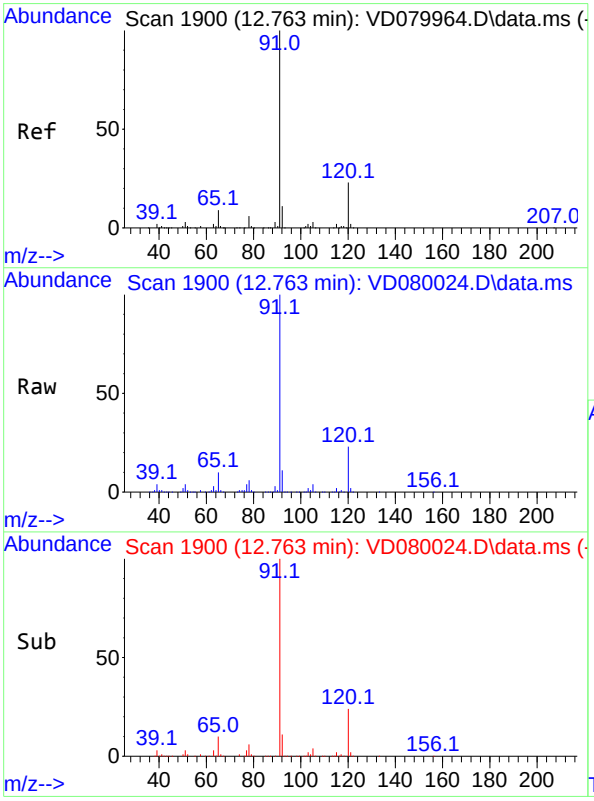
#77
Bromobenzene
Concen: 102.186 ug/l
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 276526

Ion	Ratio	Lower	Upper
156	100		
77	175.2	89.8	269.6
158	97.7	47.9	143.8

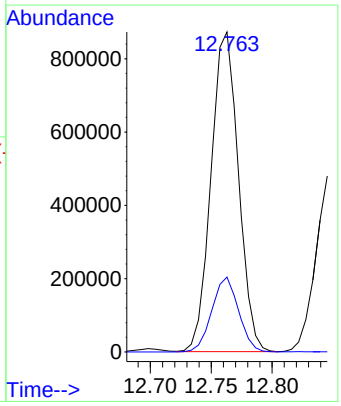


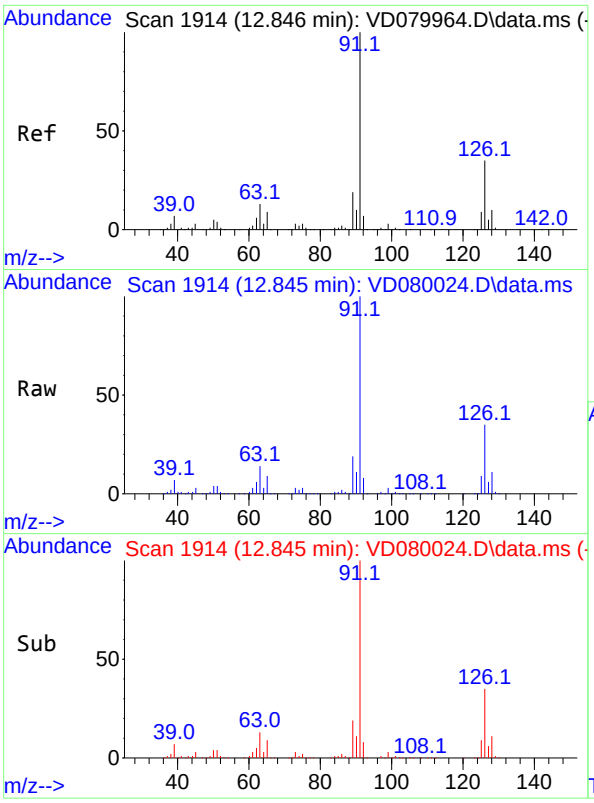


#78
n-propylbenzene
Concen: 106.140 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 91 Resp: 1365890

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5



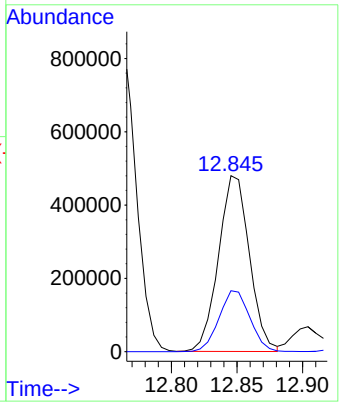


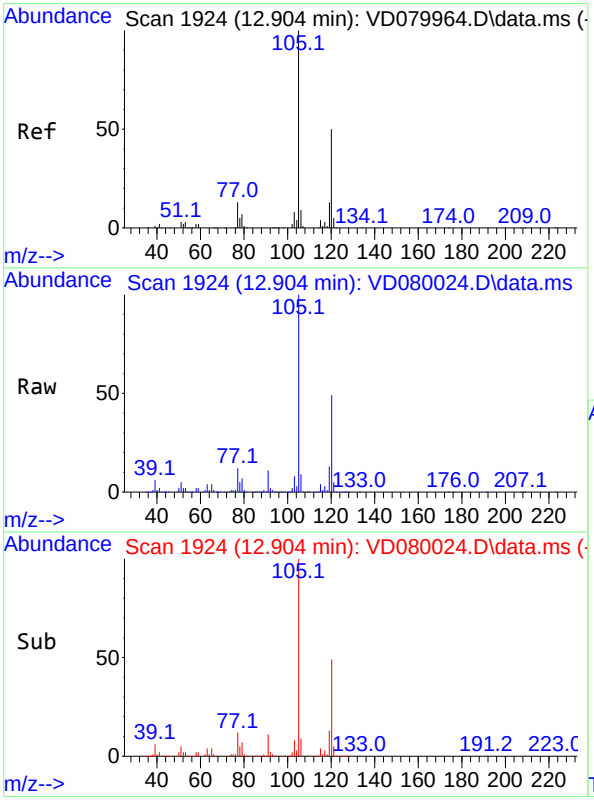
#79
2-Chlorotoluene
Concen: 104.361 ug/l
RT: 12.845 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 787564

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.5

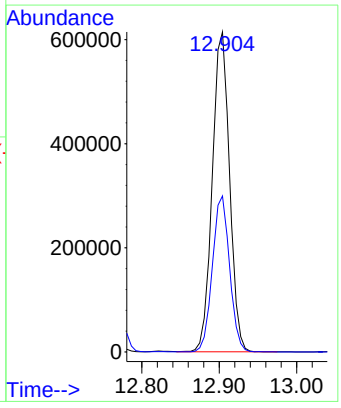


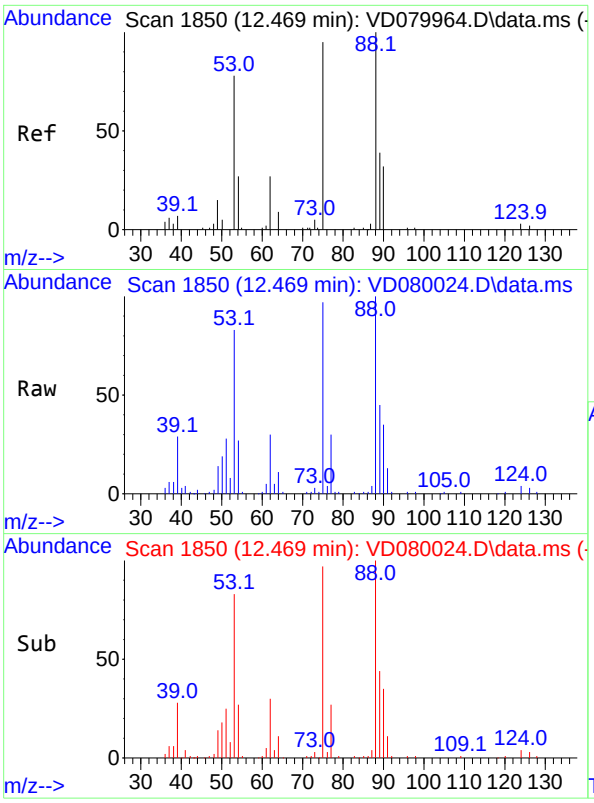


#80
1,3,5-Trimethylbenzene
Concen: 107.721 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:105 Resp: 949326

Ion	Ratio	Lower	Upper
105	100		
120	48.8	25.0	75.0



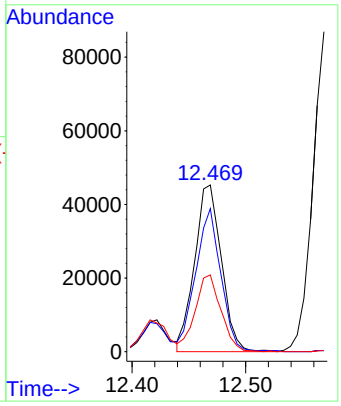


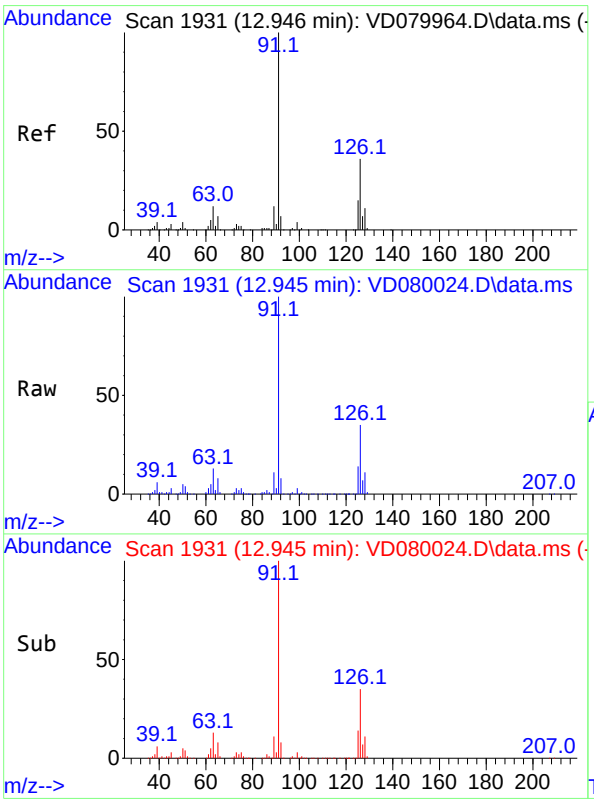
#81
trans-1,4-Dichloro-2-butene
Concen: 106.669 ug/l
RT: 12.469 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 74312

Ion	Ratio	Lower	Upper
75	100		
53	81.1	68.7	103.1
89	44.5	36.1	54.1

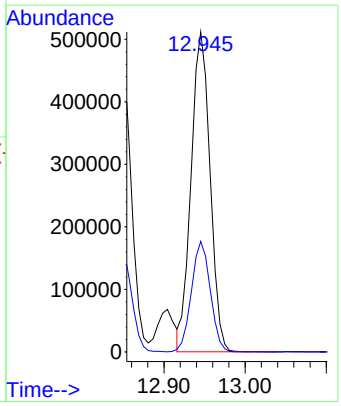


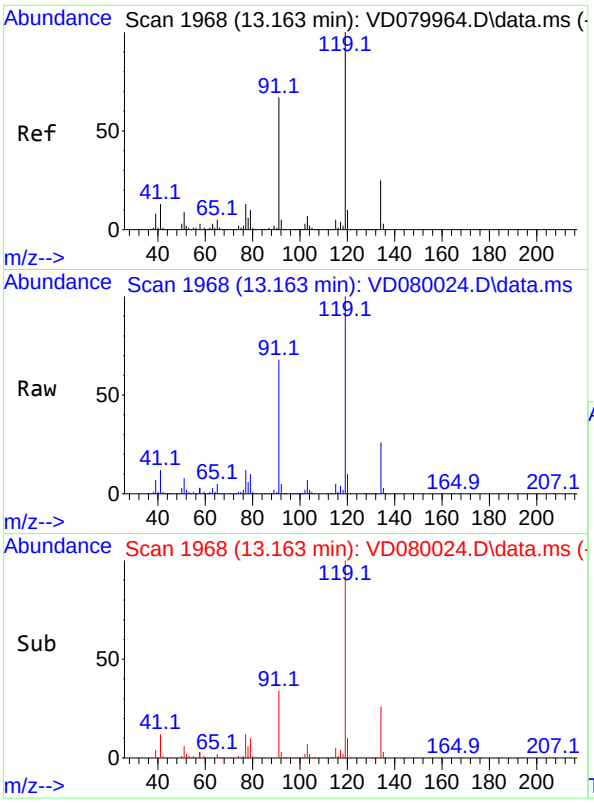


#82
4-Chlorotoluene
Concen: 103.168 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 91 Resp: 832316

Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.8	50.3



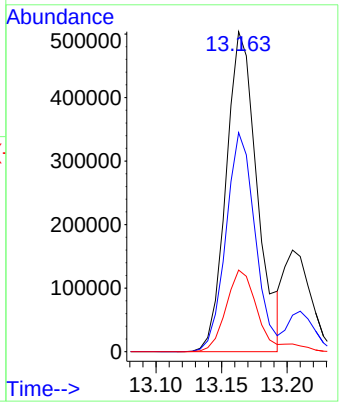


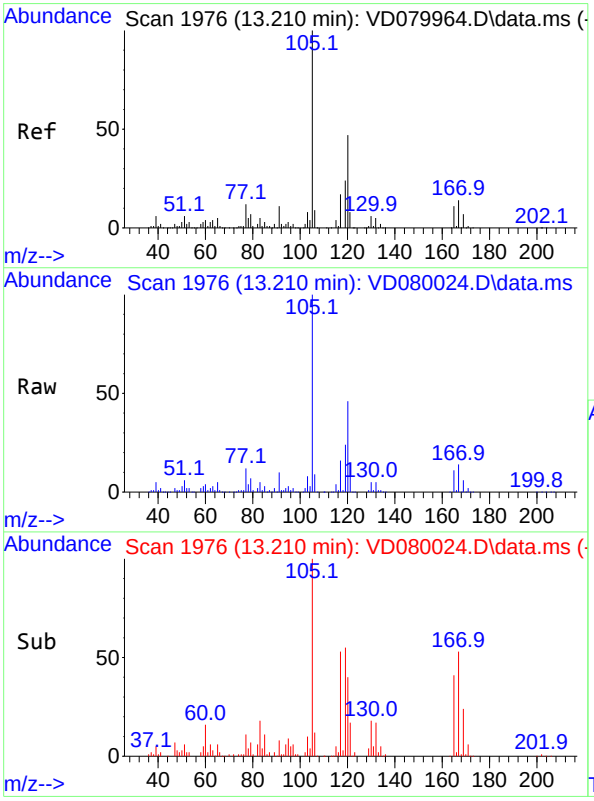
#83
tert-Butylbenzene
Concen: 108.627 ug/l
RT: 13.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 829100

Ion	Ratio	Lower	Upper
119	100		
91	64.5	33.3	99.9
134	26.6	13.5	40.5

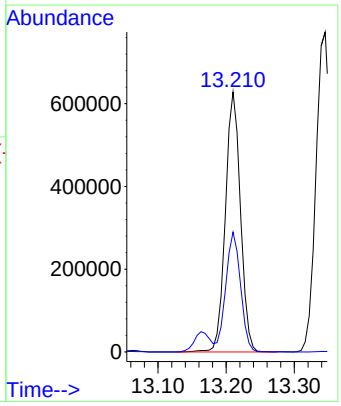


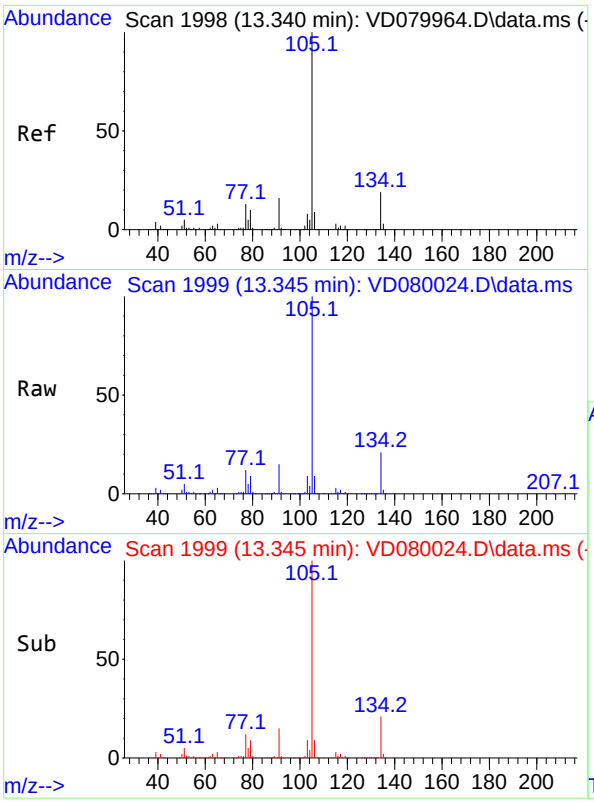


#84
1,2,4-Trimethylbenzene
Concen: 109.097 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:105 Resp: 965843

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.4



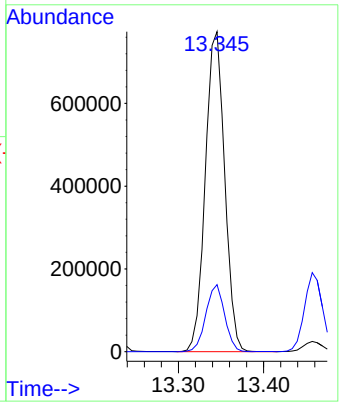


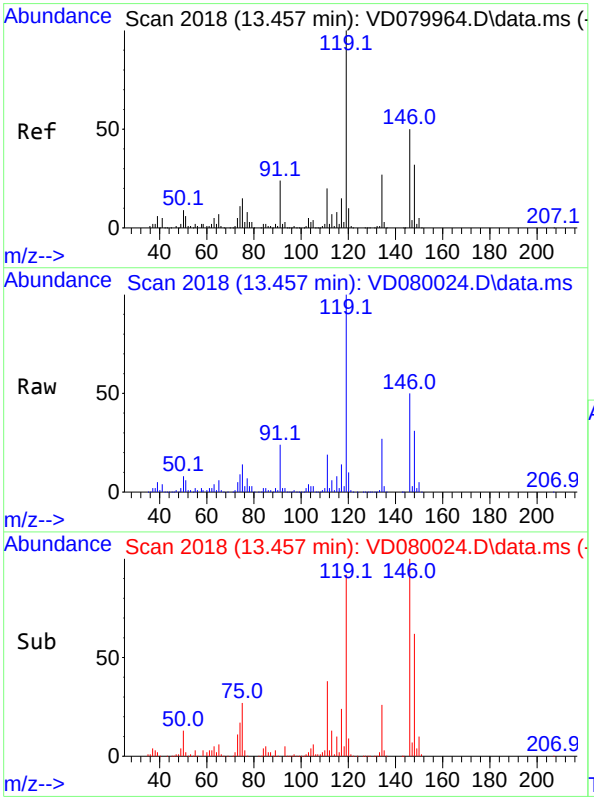
#85
sec-Butylbenzene
Concen: 108.246 ug/l
RT: 13.345 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 1221229

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.3

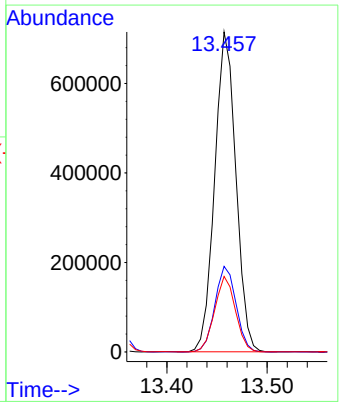


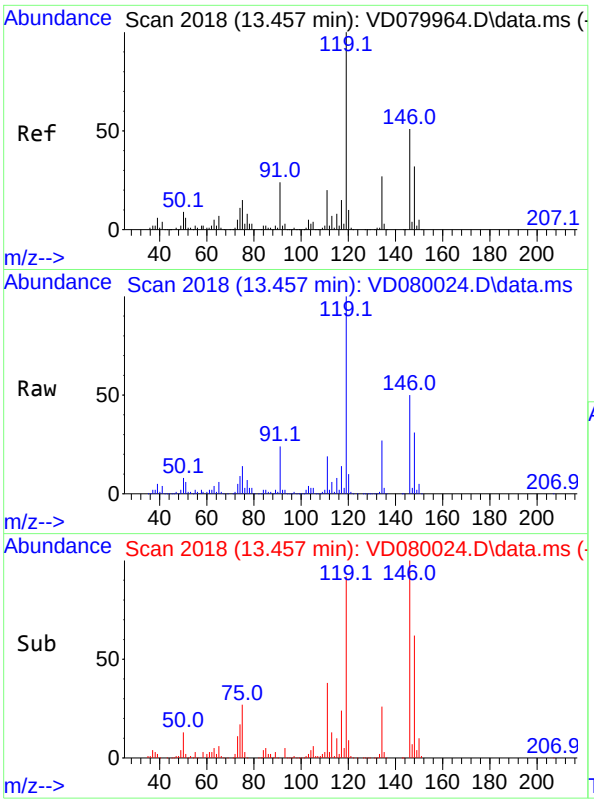


#86
p-Isopropyltoluene
Concen: 109.841 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:119 Resp: 1047476

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.1	39.1
91	23.1	12.2	36.4



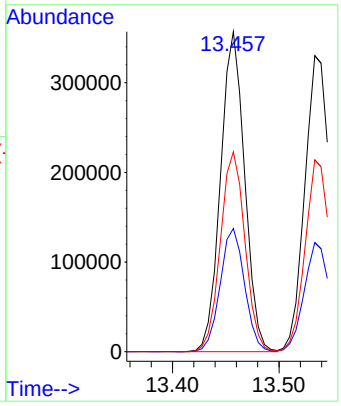


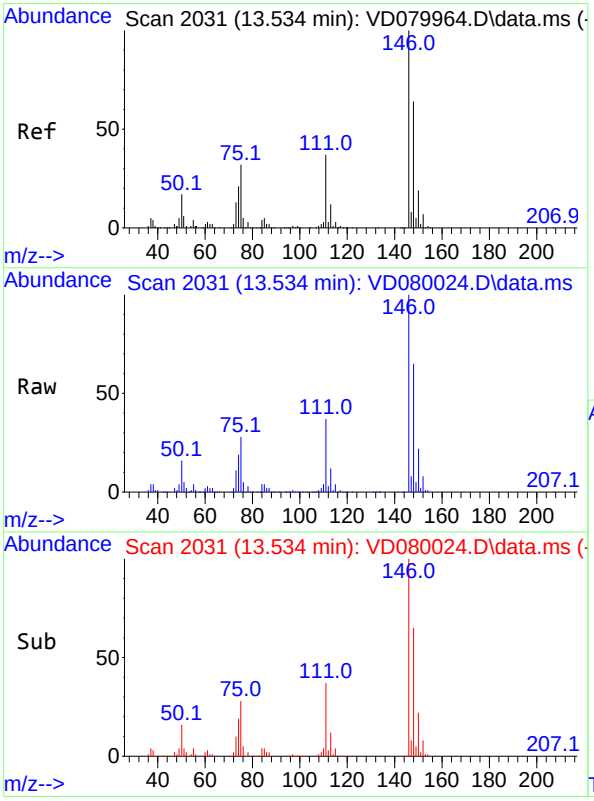
#87
1,3-Dichlorobenzene
Concen: 102.233 ug/l
RT: 13.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 560219

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	59.9
148	63.7	31.9	95.7

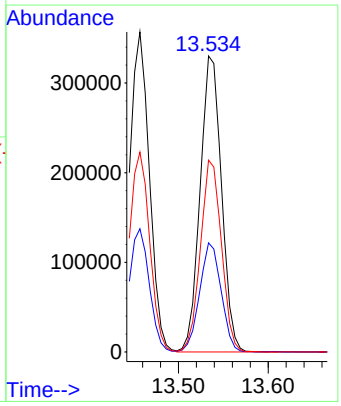


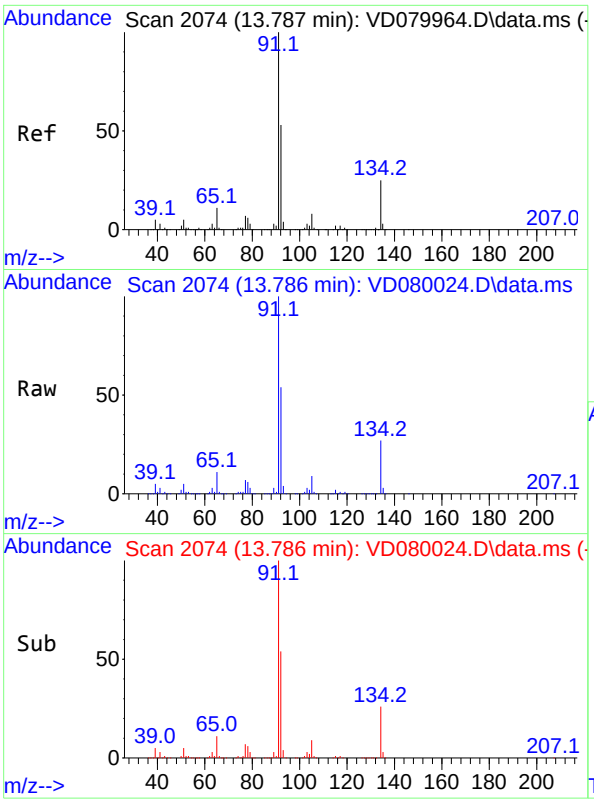


#88
1,4-Dichlorobenzene
Concen: 99.281 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:146 Resp: 546394

Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.3	57.8
148	63.7	32.9	98.7



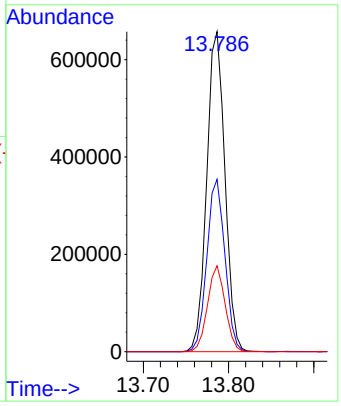


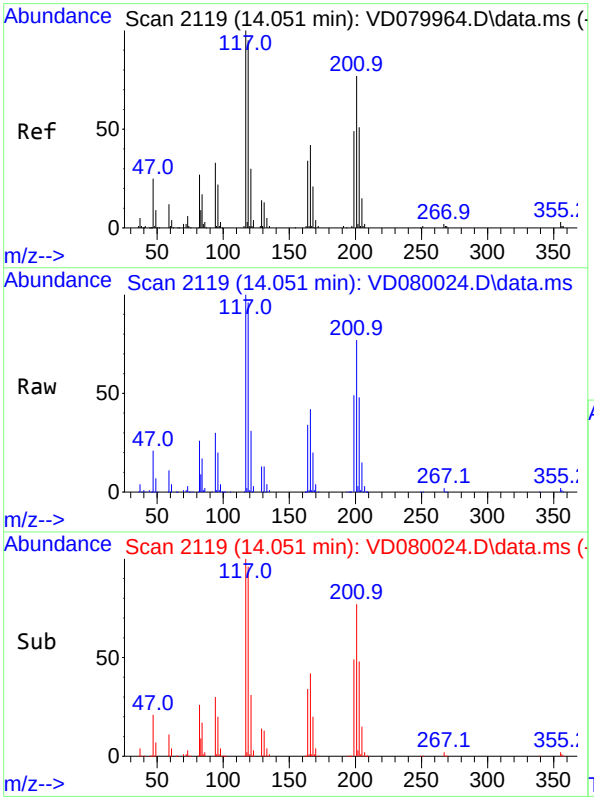
#89
n-Butylbenzene
Concen: 108.731 ug/l
RT: 13.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 975494

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.3	78.9
134	26.0	12.3	36.8

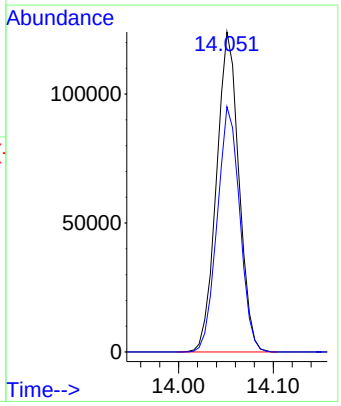


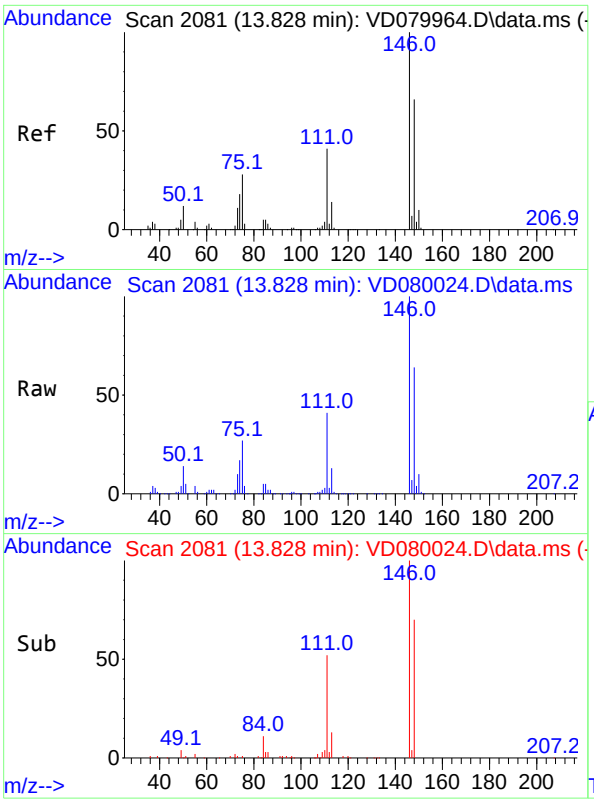


#90
Hexachloroethane
Concen: 99.928 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:117 Resp: 204284

Ion	Ratio	Lower	Upper
117	100		
201	77.0	37.5	112.5



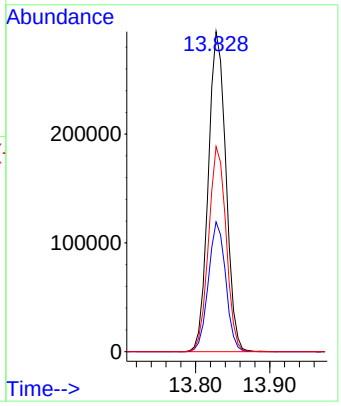


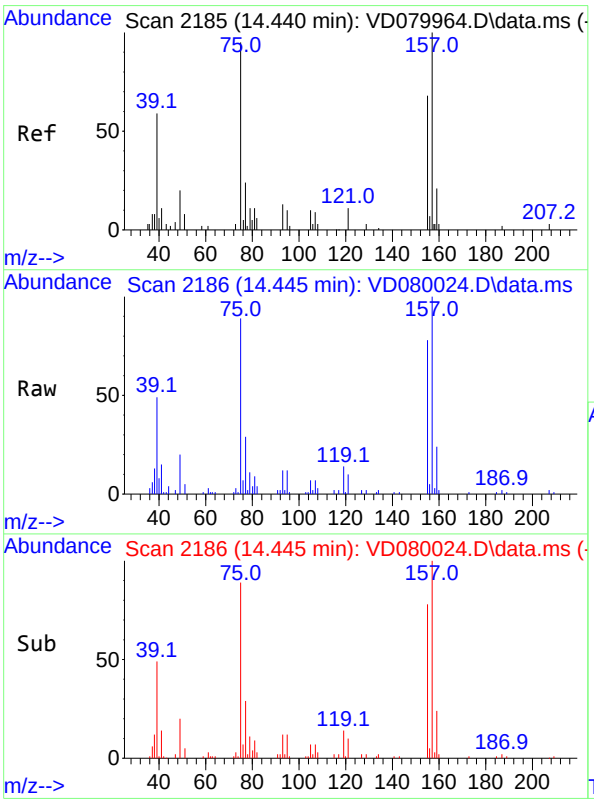
#91
1,2-Dichlorobenzene
Concen: 101.494 ug/l
RT: 13.828 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 484966

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.8
148	63.8	32.7	98.1

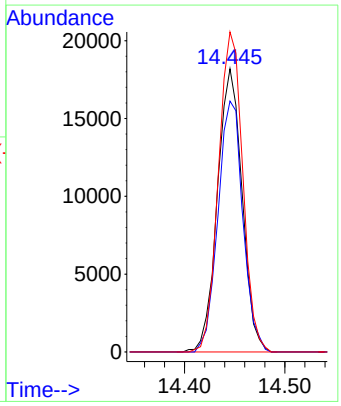


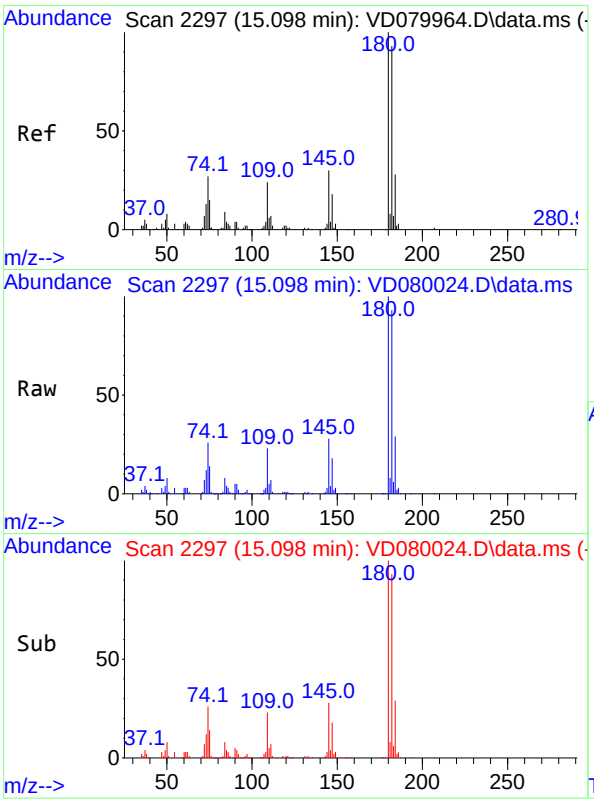


#92
1,2-Dibromo-3-Chloropropane
Concen: 102.416 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion: 75 Resp: 30992

Ion	Ratio	Lower	Upper
75	100		
155	89.3	40.6	122.0
157	111.0	53.3	159.9



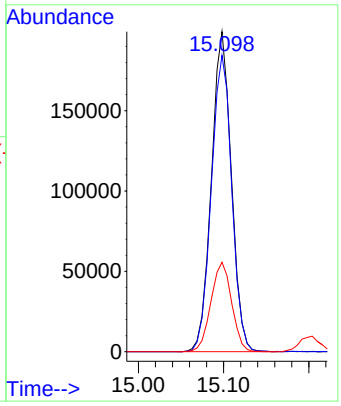


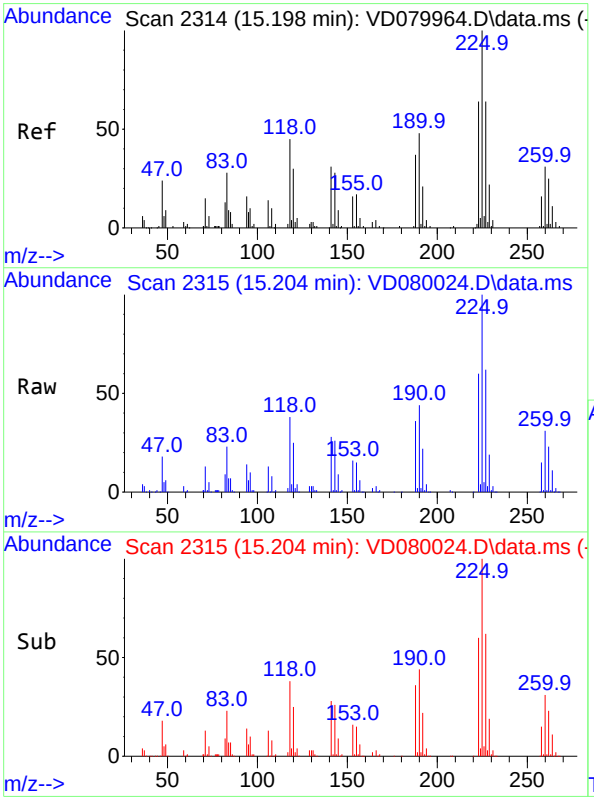
#93
1,2,4-Trichlorobenzene
Concen: 107.913 ug/l
RT: 15.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 323341

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.2
145	29.1	14.7	44.1

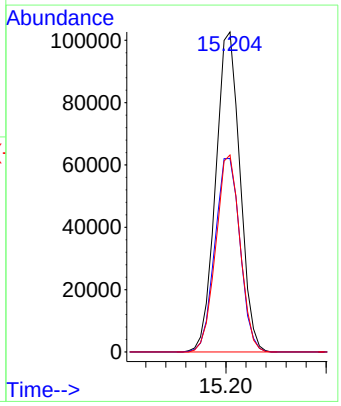


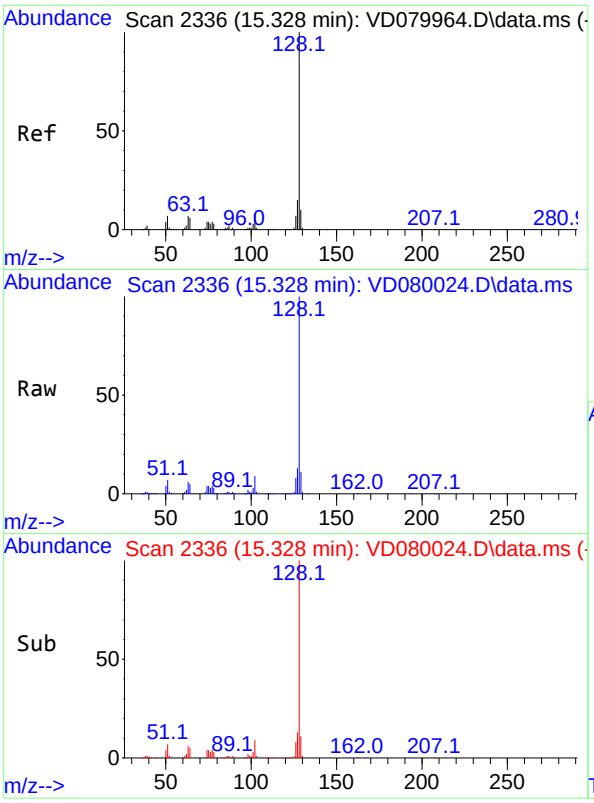


#94
Hexachlorobutadiene
Concen: 106.640 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:225 Resp: 172695

Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.5	94.5
227	61.2	30.9	92.5



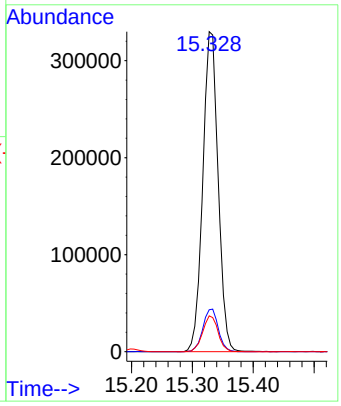


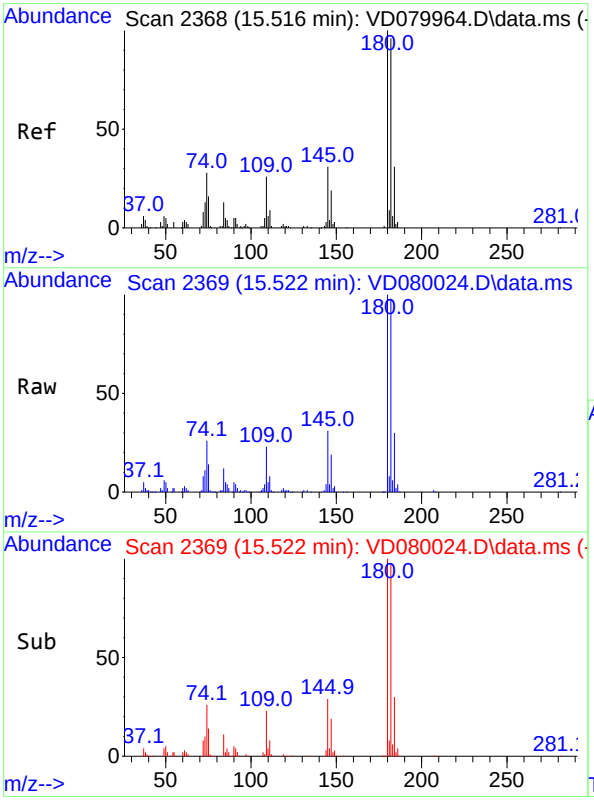
#95
Naphthalene
Concen: 113.557 ug/l
RT: 15.328 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

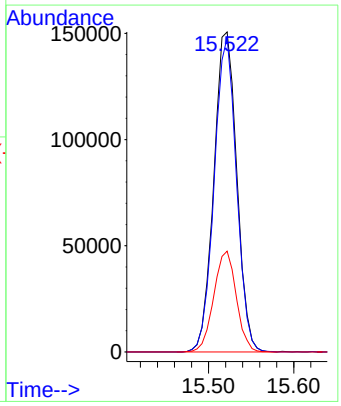
Tgt Ion:128 Resp: 577937

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.8	17.8
129	11.2	8.3	12.5





#96
1,2,3-Trichlorobenzene
Concen: 107.120 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD080024.D
Acq: 15 Nov 2024 11:51

Tgt Ion:180 Resp: 281865

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	31.0	15.7	47.0