Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
Data File : VD080020.D
Acq On : 15 Nov 2024 10:04
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 16:08:57 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	7.881	168	189713	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.781	114	311169	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.581	117	273942	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	133328	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.234	65	10505	5.378	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.760%#				
35) Dibromofluoromethane	7.810	113	10411	5.027	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.060%#				
50) Toluene-d8	10.269	98	36171	4.634	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.260%#				
62) 4-Bromofluorobenzene	12.575	95	12083	4.718	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 9.440%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.940	85	8819	5.792	ug/l		99
3) Chloromethane	2.152	50	6261	5.592	ug/l		100
4) Vinyl Chloride	2.293	62	7155	5.597	ug/l		97
5) Bromomethane	2.699	94	8552	5.560	ug/l		94
6) Chloroethane	2.846	64	4824	5.280	ug/l	#	70
7) Trichlorofluoromethane	3.181	101	17739	5.650	ug/l		88
8) Diethyl Ether	3.599	74	4370	4.768	ug/l		89
9) 1,1,2-Trichlorotrifluo...	3.981	101	10831	5.522	ug/l		89
10) Methyl Iodide	4.175	142	9847	4.056	ug/l		98
11) Tert butyl alcohol	5.064	59	1015	9.944	ug/l	#	82
12) 1,1-Dichloroethene	3.958	96	10151	5.164	ug/l	#	69
13) Acrolein	3.799	56	4412	22.621	ug/l		93
14) Allyl chloride	4.564	41	14457	5.188	ug/l		96
15) Acrylonitrile	5.264	53	9914	24.349	ug/l		98
16) Acetone	4.028	43	9552	22.539	ug/l		97
17) Carbon Disulfide	4.281	76	32712	5.168	ug/l		95
18) Methyl Acetate	4.564	43	5121	5.448	ug/l	#	76
19) Methyl tert-butyl Ether	5.322	73	16640	4.149	ug/l		92
20) Methylene Chloride	4.799	84	12192	5.359	ug/l		94
21) trans-1,2-Dichloroethene	5.322	96	11170	5.140	ug/l		96
22) Diisopropyl ether	6.216	45	24542	4.349	ug/l	#	94
23) Vinyl Acetate	6.164	43	68903	21.313	ug/l		99
24) 1,1-Dichloroethane	6.116	63	19262	5.133	ug/l		97
25) 2-Butanone	7.081	43	12819	23.147	ug/l		95
26) 2,2-Dichloropropane	7.081	77	17908	5.490	ug/l		99
27) cis-1,2-Dichloroethene	7.087	96	12614	5.058	ug/l		97
28) Bromochloromethane	7.422	49	9601	5.749	ug/l		99
29) Tetrahydrofuran	7.452	42	6647	21.911	ug/l		95
30) Chloroform	7.593	83	20052	5.072	ug/l		99
31) Cyclohexane	7.881	56	17921	5.634	ug/l	#	70
32) 1,1,1-Trichloroethane	7.793	97	18407	5.440	ug/l		98
36) 1,1-Dichloropropene	8.005	75	14449	5.102	ug/l		97
37) Ethyl Acetate	7.169	43	5908	4.854	ug/l	#	93
38) Carbon Tetrachloride	7.993	117	16203	5.237	ug/l		97
39) Methylcyclohexane	9.275	83	16077	4.769	ug/l		93
40) Benzene	8.258	78	43278	4.903	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
Data File : VD080020.D
Acq On : 15 Nov 2024 10:04
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 16:08:57 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	3000	2.038	ug/l		93
42) 1,2-Dichloroethane	8.328	62	11688	5.117	ug/l		99
43) Isopropyl Acetate	8.363	43	9952	4.510	ug/l	#	83
44) Trichloroethene	9.034	130	11762	5.150	ug/l		79
45) 1,2-Dichloropropane	9.305	63	10360	4.884	ug/l	#	88
46) Dibromomethane	9.393	93	6271	5.083	ug/l		96
47) Bromodichloromethane	9.581	83	15961	5.168	ug/l		97
48) Methyl methacrylate	9.387	41	4647	4.412	ug/l		96
49) 1,4-Dioxane	9.393	88	837	73.952	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.157	43	24839	22.189	ug/l		94
52) Toluene	10.334	92	25315	4.615	ug/l		98
53) t-1,3-Dichloropropene	10.557	75	12479	4.533	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	15257	4.681	ug/l		96
55) 1,1,2-Trichloroethane	10.734	97	7959	4.876	ug/l		93
56) Ethyl methacrylate	10.599	69	7483	3.942	ug/l		93
57) 1,3-Dichloropropane	10.881	76	12699	4.782	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	15740	21.926	ug/l		93
59) 2-Hexanone	10.922	43	16817	20.424	ug/l		96
60) Dibromochloromethane	11.075	129	9857	4.692	ug/l		95
61) 1,2-Dibromoethane	11.175	107	7272	4.725	ug/l		96
64) Tetrachloroethene	10.810	164	10583	5.425	ug/l	#	89
65) Chlorobenzene	11.604	112	31166	5.215	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	10052	4.832	ug/l		100
67) Ethyl Benzene	11.687	91	47656	4.753	ug/l		93
68) m/p-Xylenes	11.799	106	35452	9.047	ug/l		97
69) o-Xylene	12.122	106	14859	4.218	ug/l		97
70) Styrene	12.140	104	26554	4.224	ug/l		99
71) Bromoform	12.298	173	6576	5.362	ug/l	#	88
73) Isopropylbenzene	12.422	105	40600	4.722	ug/l		98
74) N-amyl acetate	12.234	43	9048	4.776	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.669	83	8815	5.335	ug/l		97
76) 1,2,3-Trichloropropane	12.722	75	10329	5.056	ug/l	#	100
77) Bromobenzene	12.698	156	11390	5.097	ug/l		94
78) n-propylbenzene	12.763	91	51645	4.860	ug/l		97
79) 2-Chlorotoluene	12.851	91	30791	4.941	ug/l		99
80) 1,3,5-Trimethylbenzene	12.904	105	34062	4.681	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.469	75	2833	4.925	ug/l		98
82) 4-Chlorotoluene	12.945	91	32543	4.885	ug/l		96
83) tert-Butylbenzene	13.169	119	30017	4.763	ug/l		97
84) 1,2,4-Trimethylbenzene	13.216	105	31817	4.352	ug/l		100
85) sec-Butylbenzene	13.345	105	43895	4.712	ug/l		95
86) p-Isopropyltoluene	13.457	119	35736	4.538	ug/l		99
87) 1,3-Dichlorobenzene	13.457	146	22815	5.042	ug/l		97
88) 1,4-Dichlorobenzene	13.540	146	24118	5.307	ug/l		96
89) n-Butylbenzene	13.787	91	35402	4.779	ug/l		98
90) Hexachloroethane	14.051	117	9043	5.357	ug/l		99
91) 1,2-Dichlorobenzene	13.834	146	20003	5.070	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1113	4.454	ug/l		93
93) 1,2,4-Trichlorobenzene	15.098	180	12171	4.919	ug/l		94
94) Hexachlorobutadiene	15.204	225	6909	5.167	ug/l		96
95) Naphthalene	15.334	128	18467	4.394	ug/l		98
96) 1,2,3-Trichlorobenzene	15.516	180	10212	4.700	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
Data File : VD080020.D
Acq On : 15 Nov 2024 10:04
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 16:08:57 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)

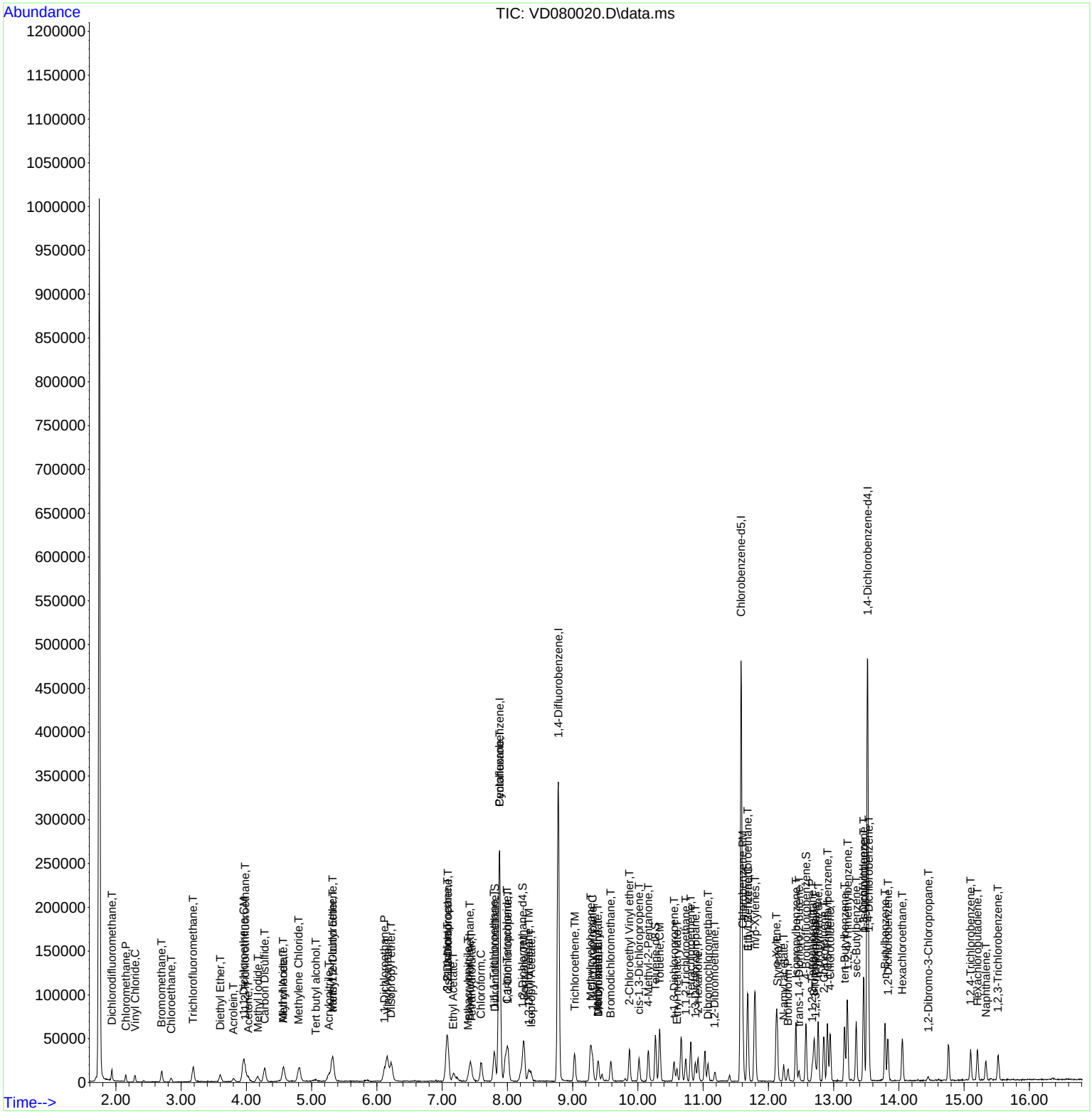
(#) = qualifier out of range (m) = manual integration (+) = signals summed

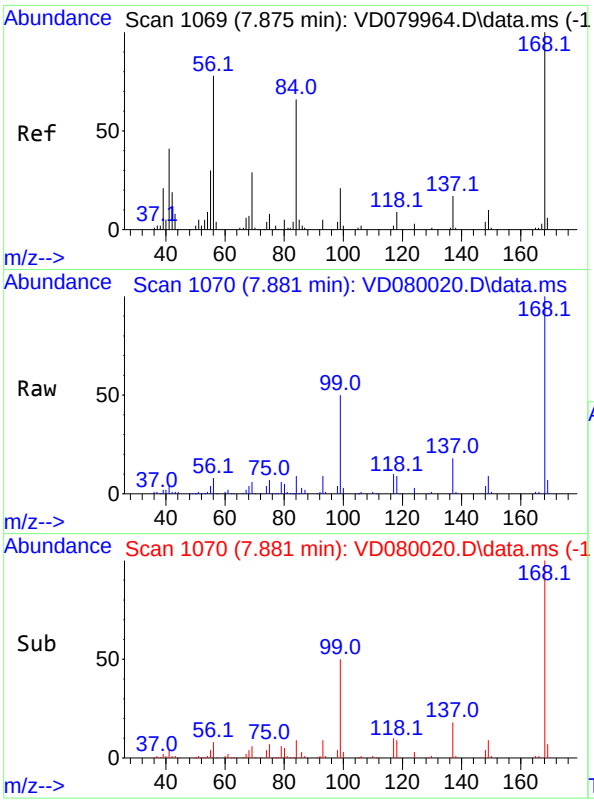
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
Data File : VD080020.D
Acq On : 15 Nov 2024 10:04
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 16:08:57 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



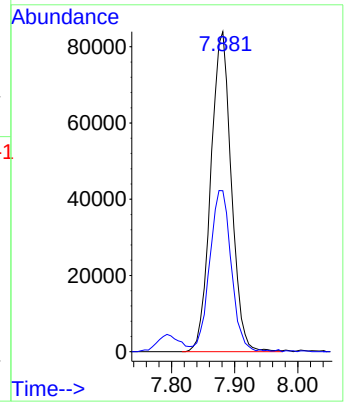


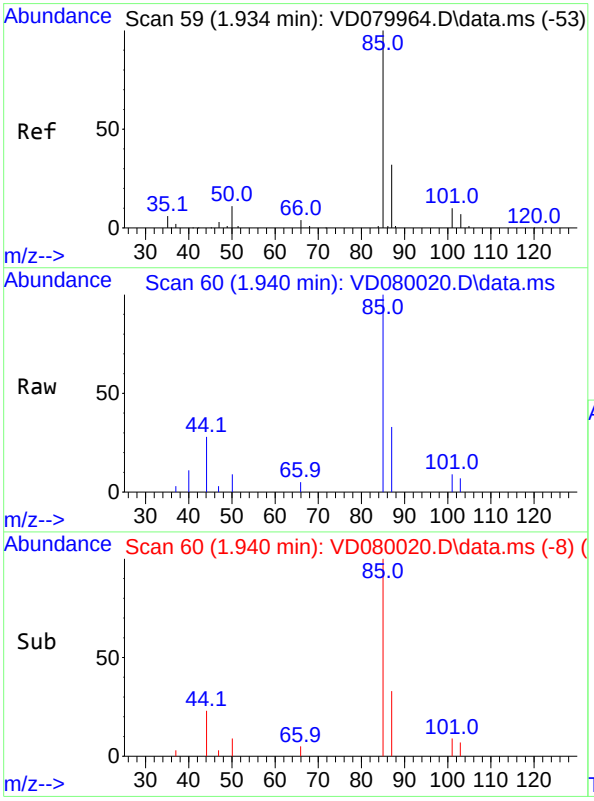
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 189713

Ion	Ratio	Lower	Upper
168	100		
99	50.3	46.0	69.0

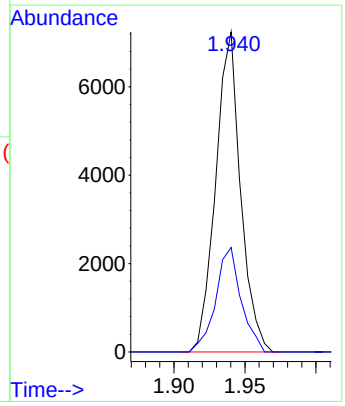


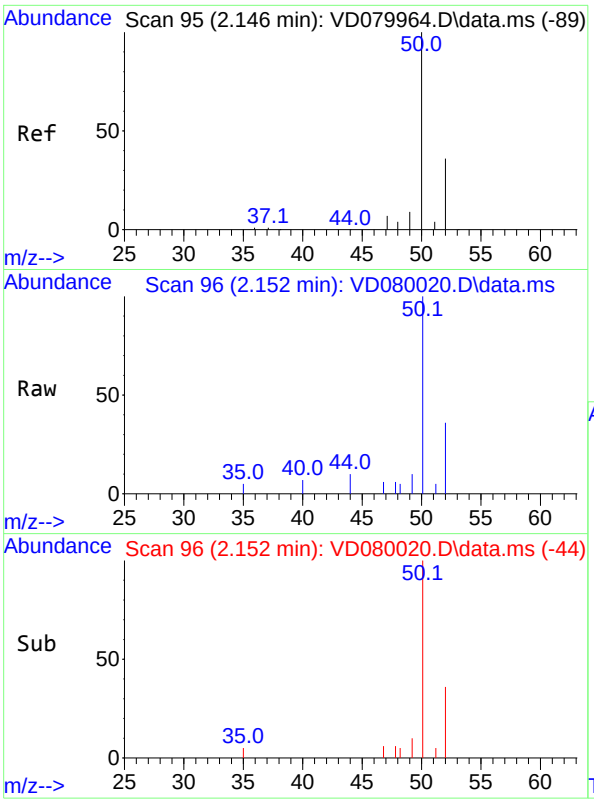


#2
Dichlorodifluoromethane
Concen: 5.792 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 85 Resp: 8819

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.1	48.2



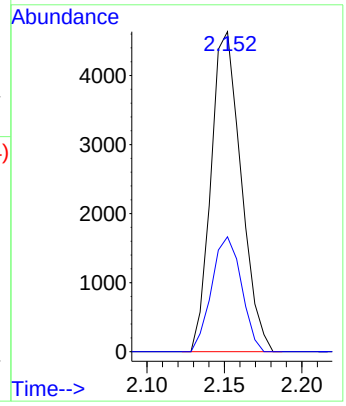


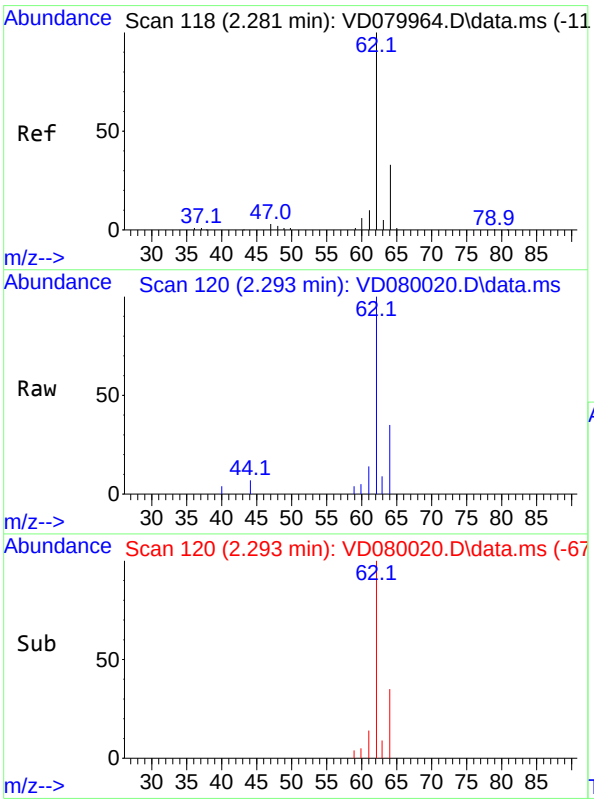
#3
Chloromethane
Concen: 5.592 ug/l
RT: 2.152 min Scan# 9
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 6261

Ion	Ratio	Lower	Upper
50	100		
52	35.9	28.8	43.2

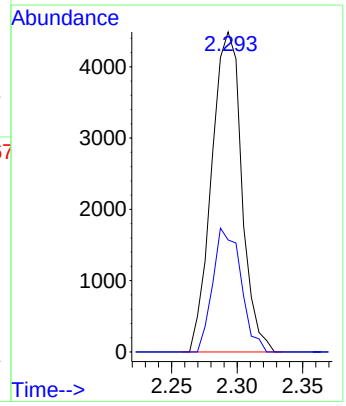


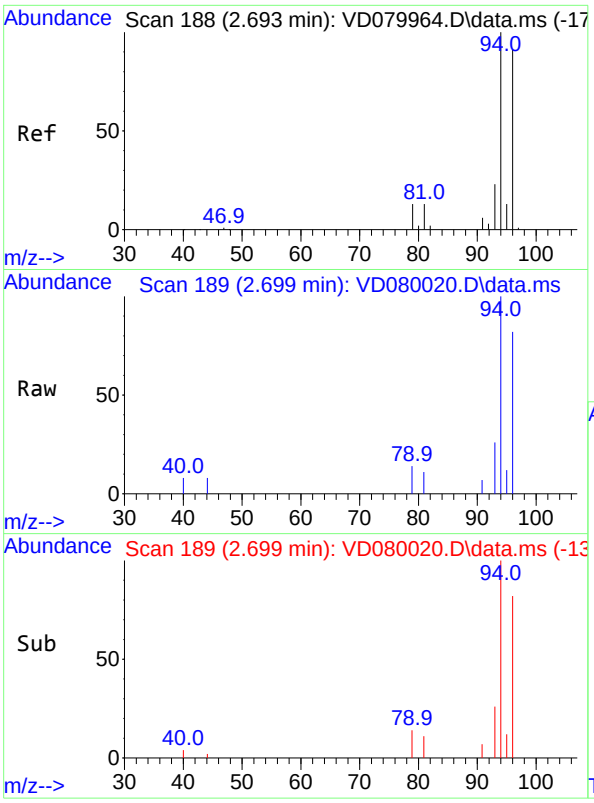


#4
Vinyl Chloride
Concen: 5.597 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 62 Resp: 7155

Ion	Ratio	Lower	Upper
62	100		
64	35.0	26.5	39.7



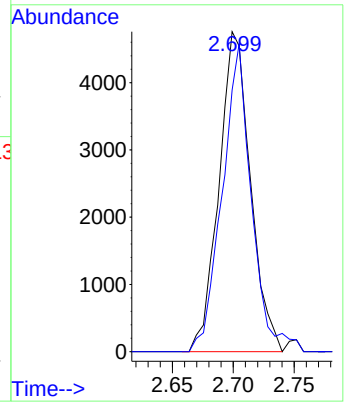


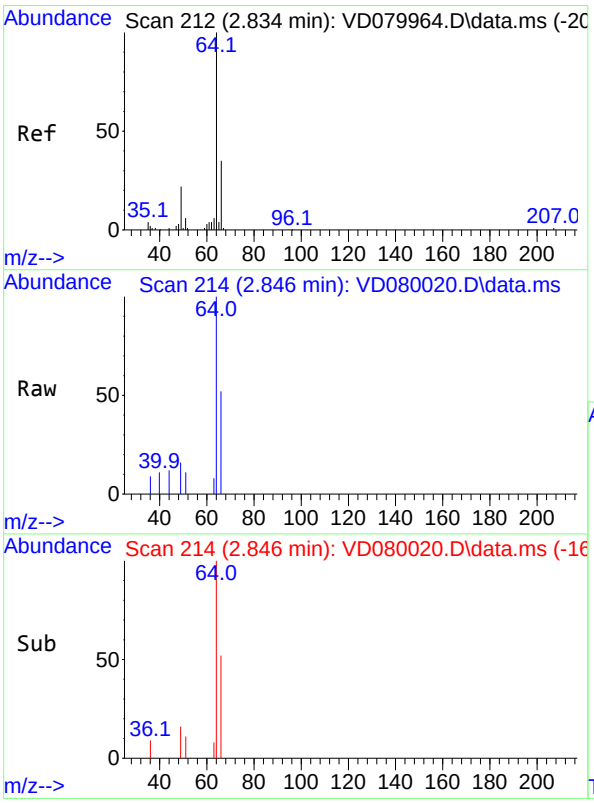
#5
Bromomethane
Concen: 5.560 ug/l
RT: 2.699 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 8552

Ion	Ratio	Lower	Upper
94	100		
96	89.4	76.2	114.2

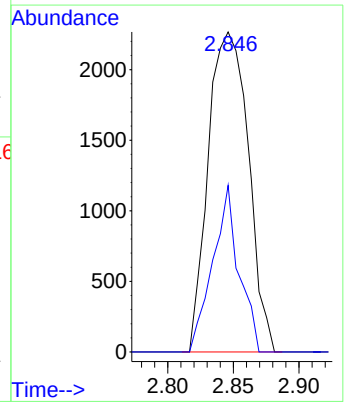


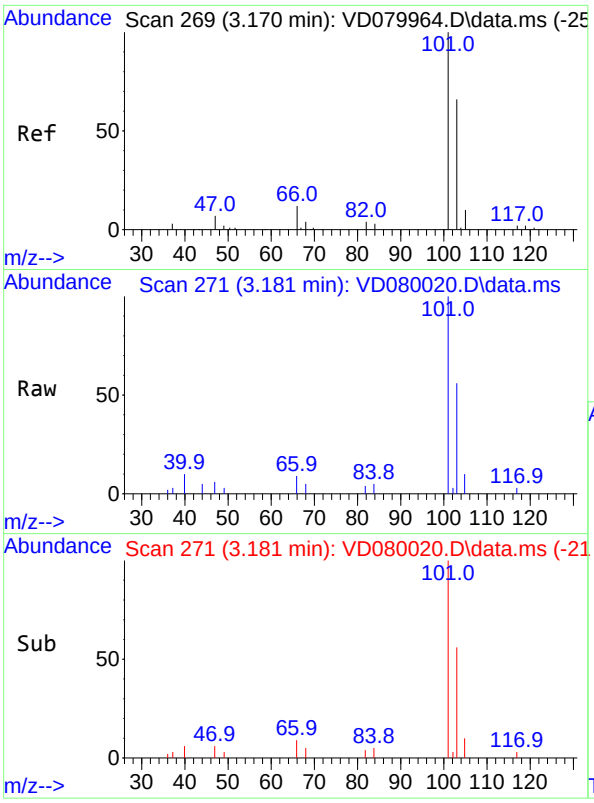


#6
Chloroethane
Concen: 5.280 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 64 Resp: 4824

Ion	Ratio	Lower	Upper
64	100		
66	52.1	27.6	41.4#



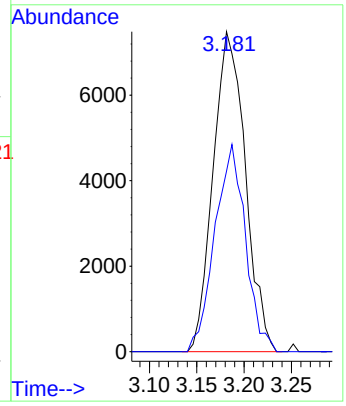


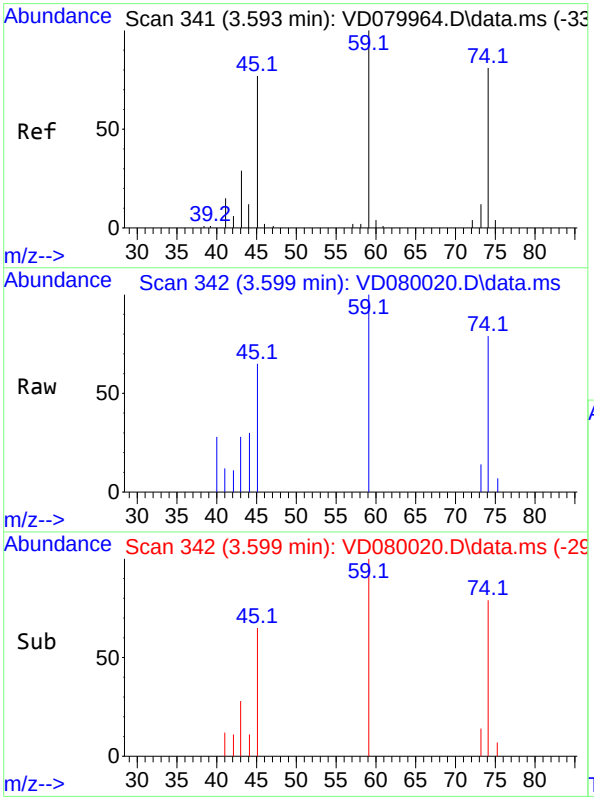
#7
Trichlorofluoromethane
Concen: 5.650 ug/l
RT: 3.181 min Scan# 2
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 17739

Ion	Ratio	Lower	Upper
101	100		
103	56.4	53.0	79.6

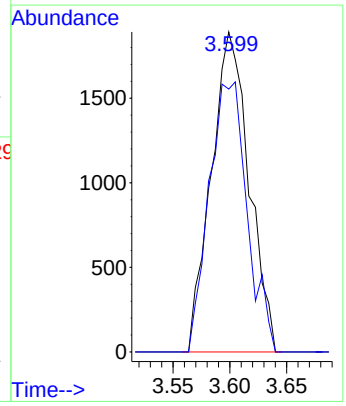


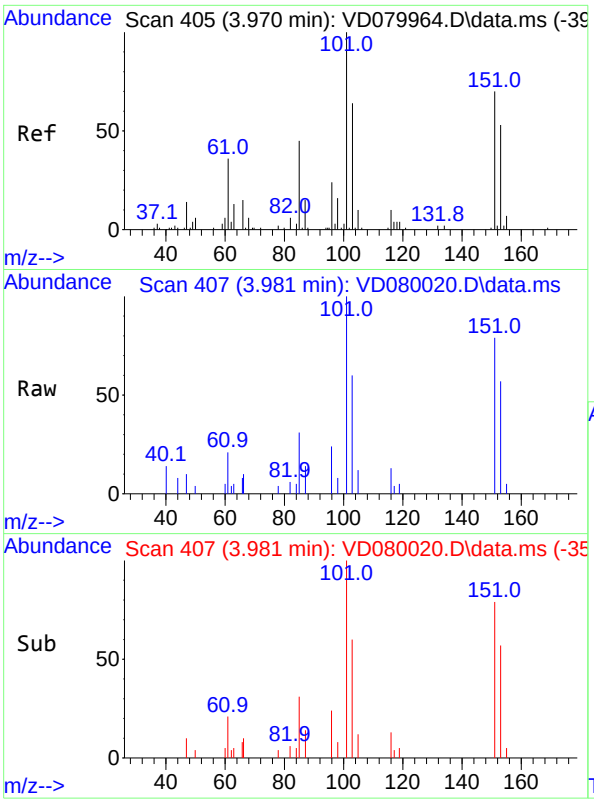


#8
Diethyl Ether
Concen: 4.768 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 74 Resp: 4370

Ion	Ratio	Lower	Upper
74	100		
45	85.0	47.8	143.3



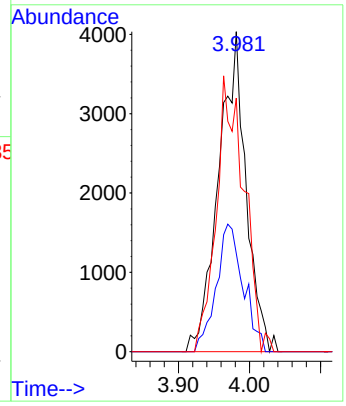


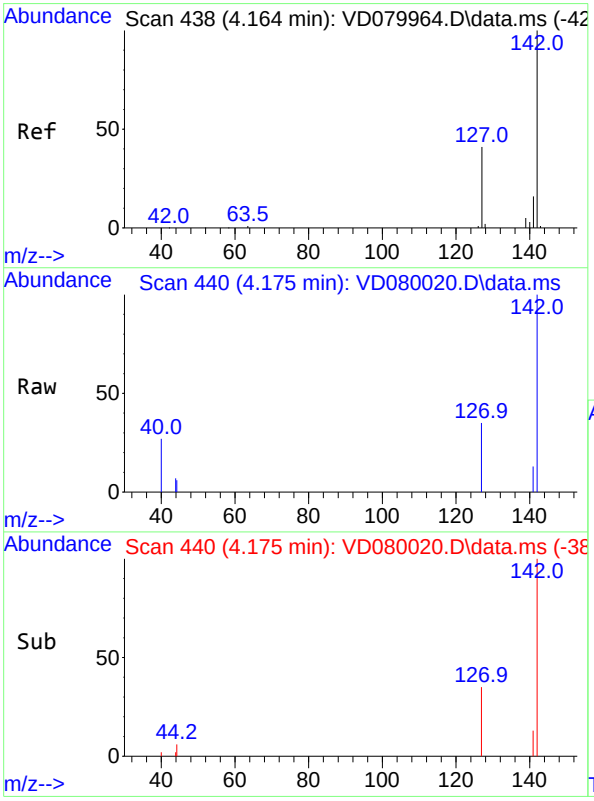
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.522 ug/l
RT: 3.981 min Scan# 4
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 10831

Ion	Ratio	Lower	Upper
101	100		
85	39.2	35.3	52.9
151	87.0	60.3	90.5

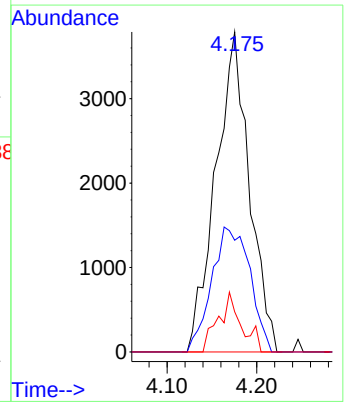


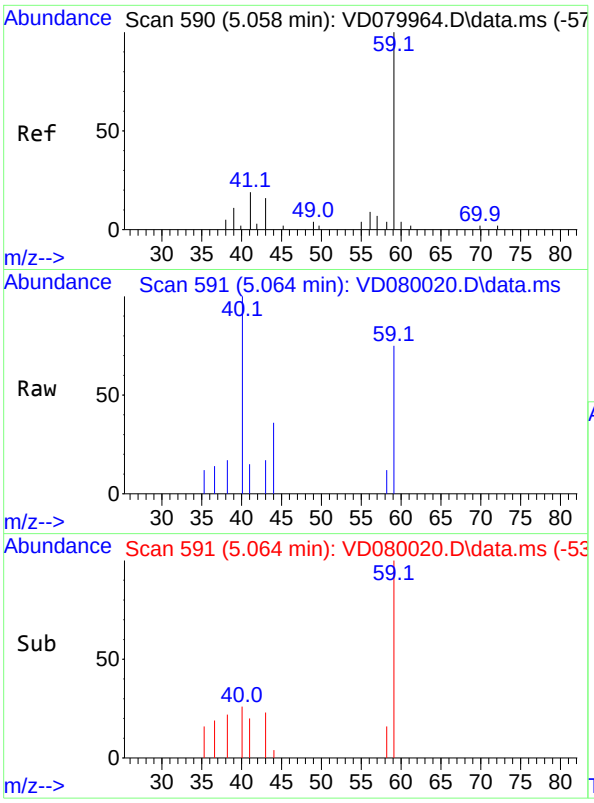


#10
Methyl Iodide
Concen: 4.056 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:142 Resp: 9847

Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.3	52.9
141	12.7	12.2	18.2



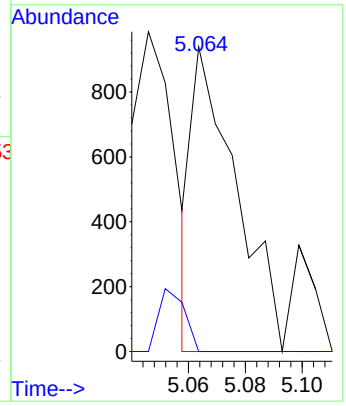


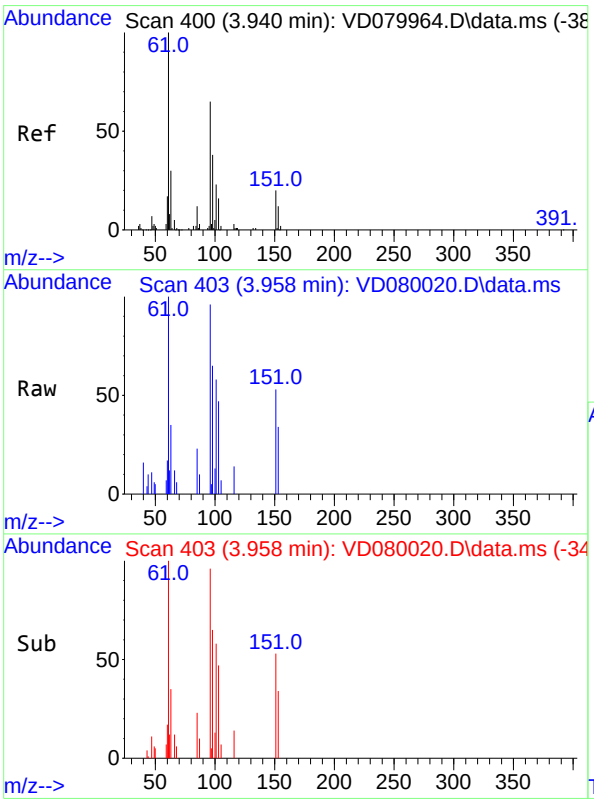
#11
Tert butyl alcohol
Concen: 9.944 ug/l
RT: 5.064 min Scan# 5
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 1015

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.8	7.2#

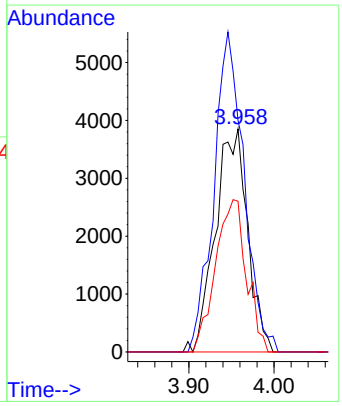


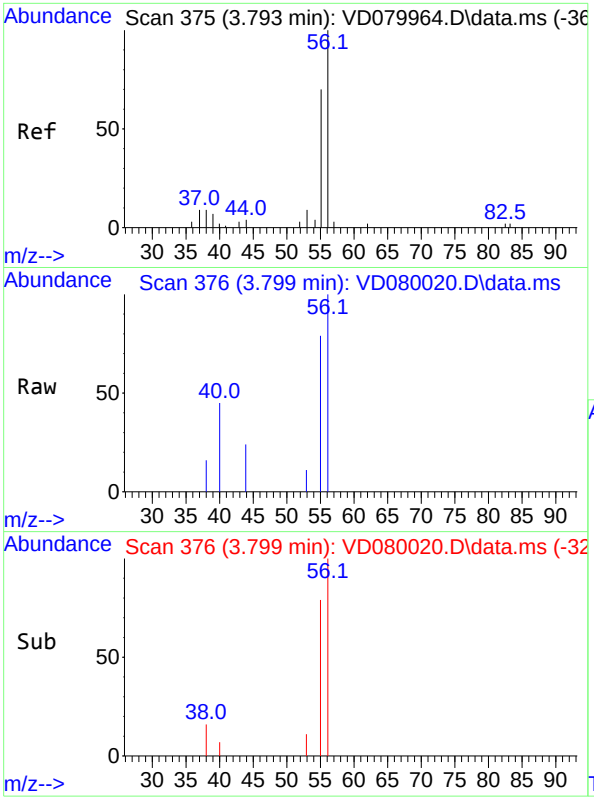


#12
1,1-Dichloroethene
Concen: 5.164 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.018 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 96 Resp: 10151

Ion	Ratio	Lower	Upper
96	100		
61	103.8	122.6	184.0#
98	67.5	47.1	70.7



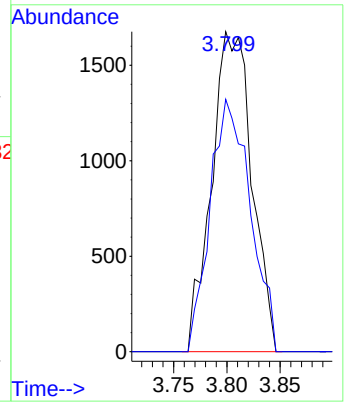


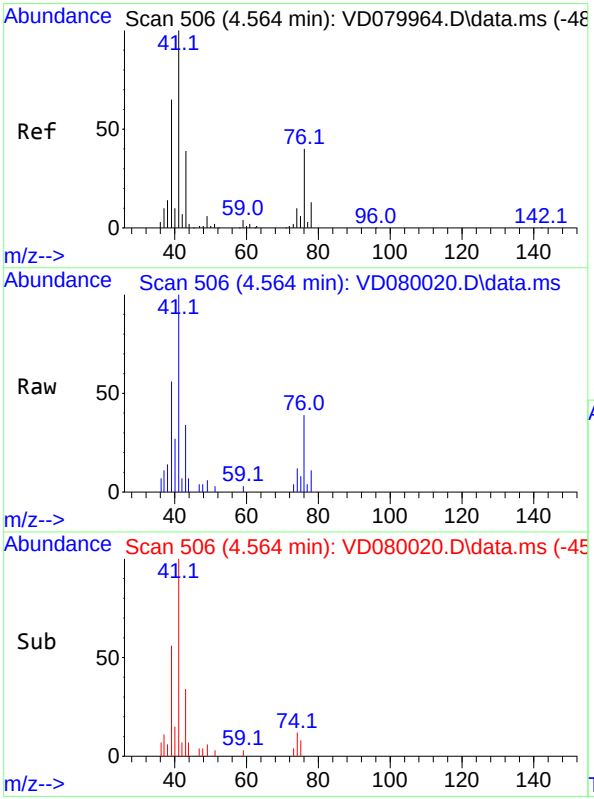
#13
Acrolein
Concen: 22.621 ug/l
RT: 3.799 min Scan# 3
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 4412

Ion	Ratio	Lower	Upper
56	100		
55	78.9	58.2	87.2

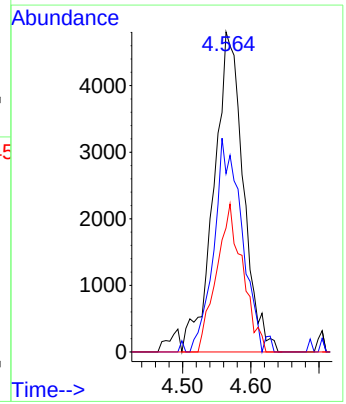


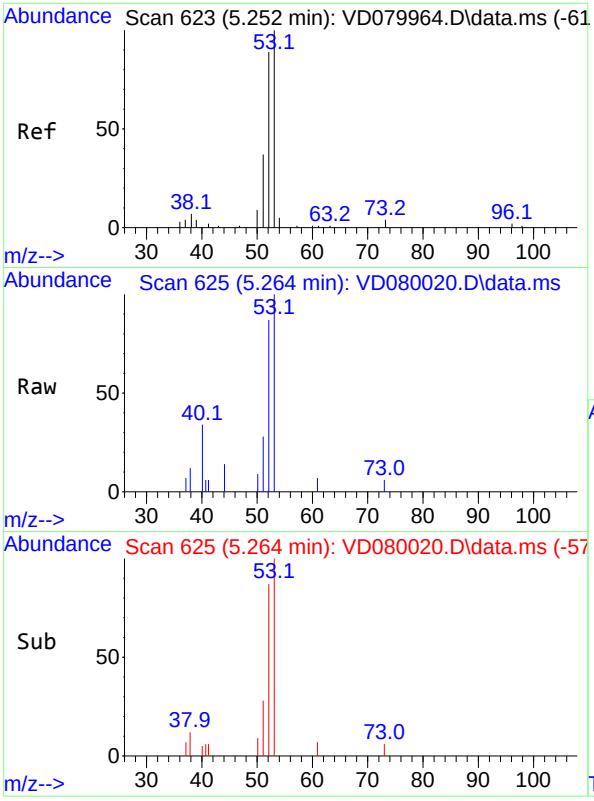


#14
Allyl chloride
Concen: 5.188 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 41 Resp: 14457

Ion	Ratio	Lower	Upper
41	100		
39	62.7	53.3	79.9
76	41.2	32.0	48.0



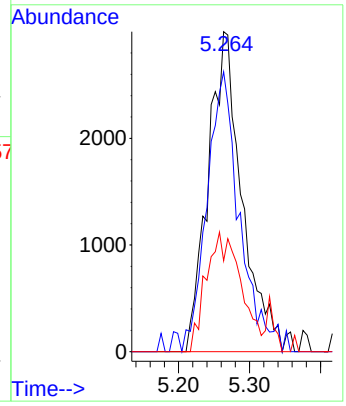


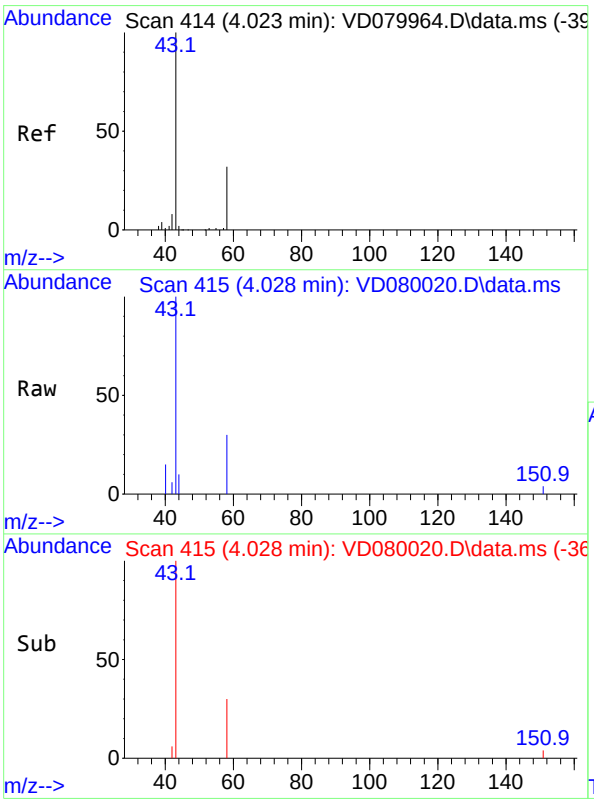
#15
Acrylonitrile
Concen: 24.349 ug/l
RT: 5.264 min Scan# 6
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 53 Resp: 9914

Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.2	99.4
51	38.4	30.3	45.5

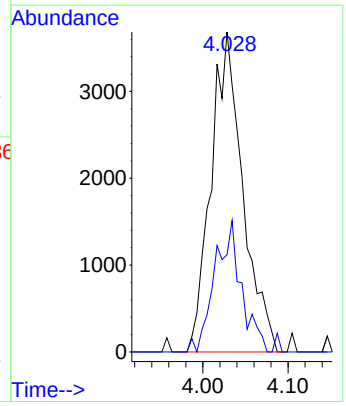


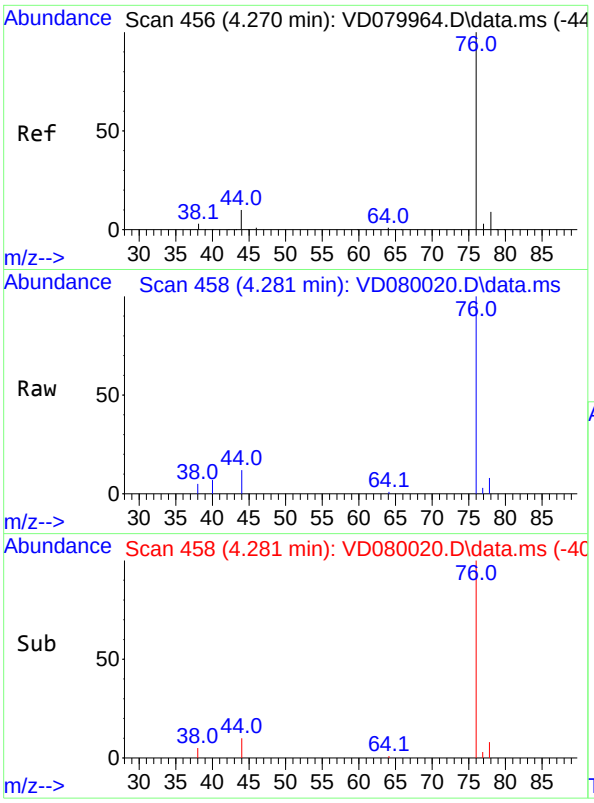


#16
Acetone
Concen: 22.539 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 43 Resp: 9552

Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.4	38.2



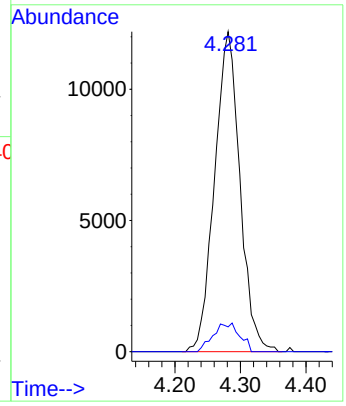


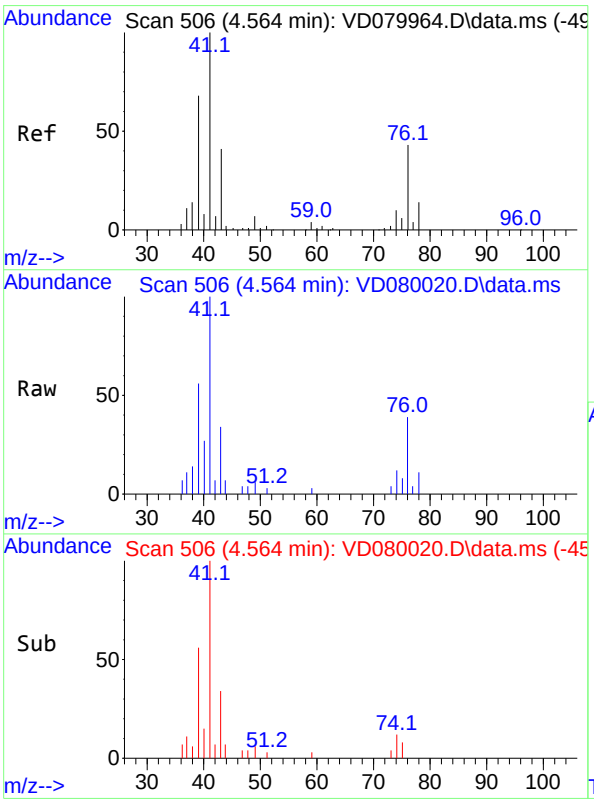
#17
Carbon Disulfide
Concen: 5.168 ug/l
RT: 4.281 min Scan# 4
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 32712

Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.5	11.3

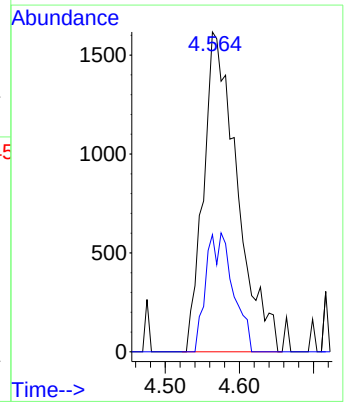


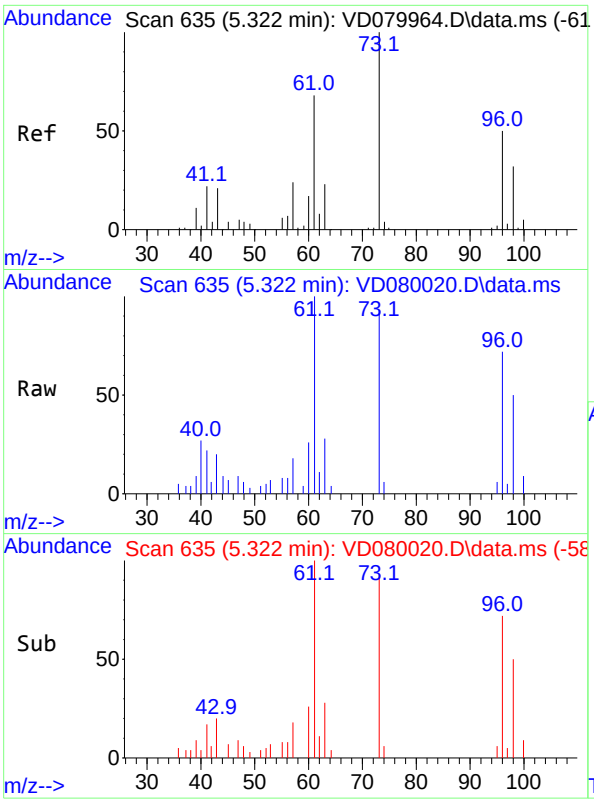


#18
Methyl Acetate
Concen: 5.448 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 43 Resp: 5121

Ion	Ratio	Lower	Upper
43	100		
74	13.5	20.5	30.7#



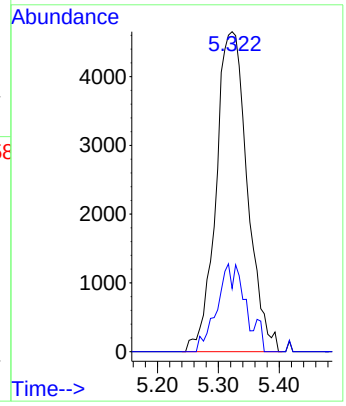


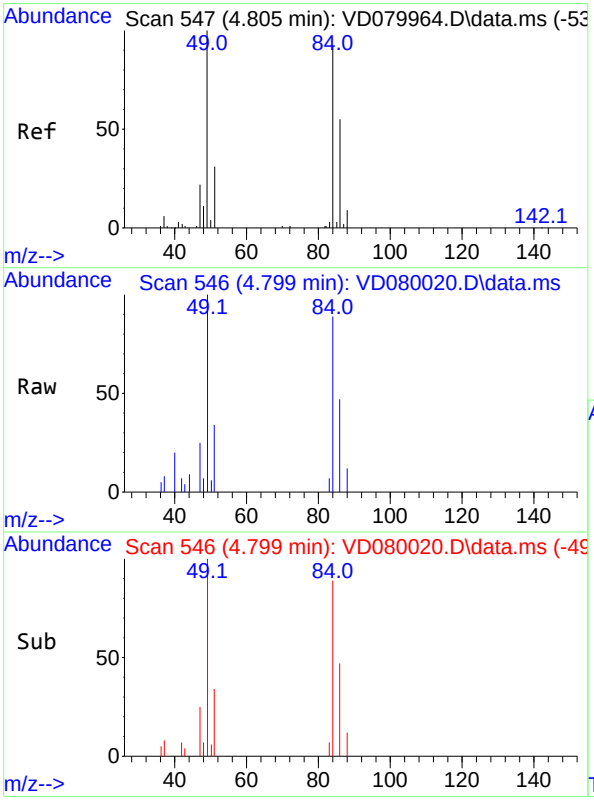
#19
Methyl tert-butyl Ether
Concen: 4.149 ug/l
RT: 5.322 min Scan# 6
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 16640

Ion	Ratio	Lower	Upper
73	100		
57	19.7	18.8	28.2

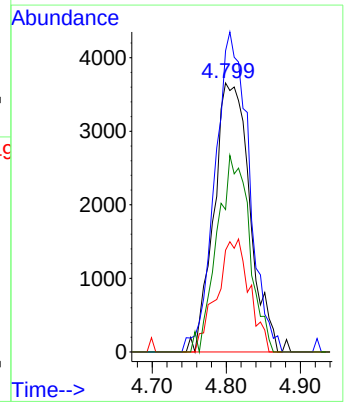


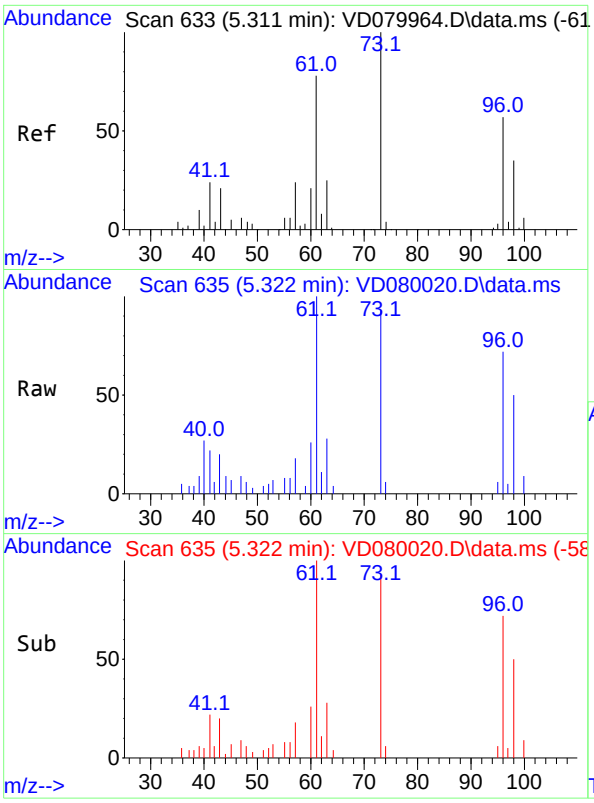


#20
Methylene Chloride
Concen: 5.359 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 84 Resp: 12192

Ion	Ratio	Lower	Upper
84	100		
49	112.0	86.5	129.7
51	37.8	26.9	40.3
86	52.9	47.2	70.8



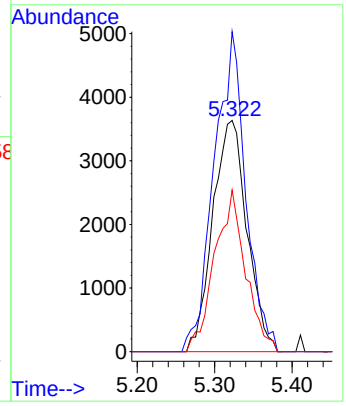


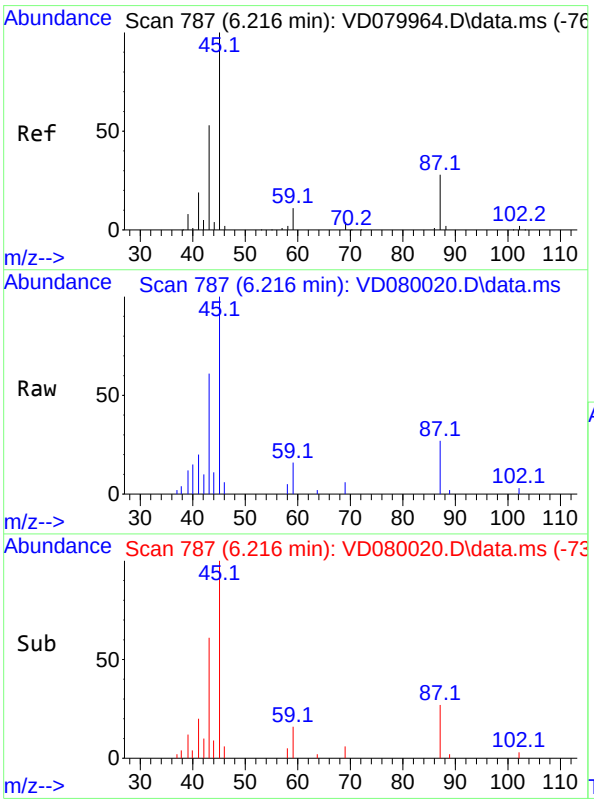
#21
trans-1,2-Dichloroethene
Concen: 5.140 ug/l
RT: 5.322 min Scan# 6
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 11170

Ion	Ratio	Lower	Upper
96	100		
61	138.4	109.4	164.0
98	69.9	49.8	74.8

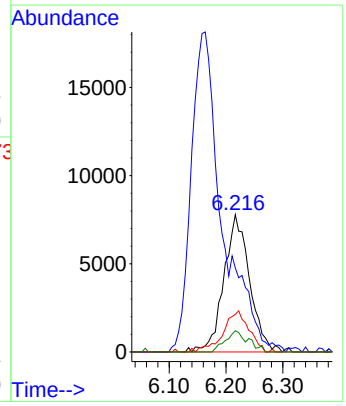


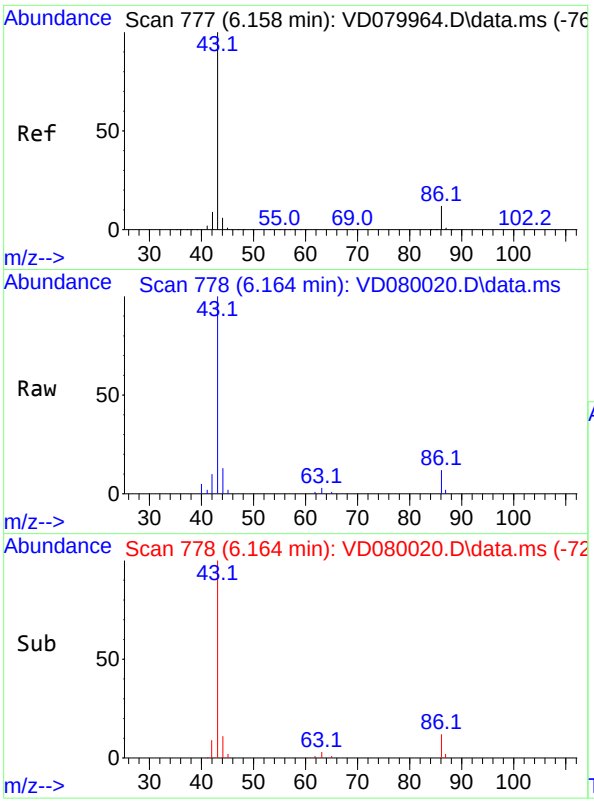


#22
Diisopropyl ether
Concen: 4.349 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 45 Resp: 24542

Ion	Ratio	Lower	Upper
45	100		
43	57.9	42.6	63.8
87	27.4	22.7	34.1
59	15.5	8.5	12.7#



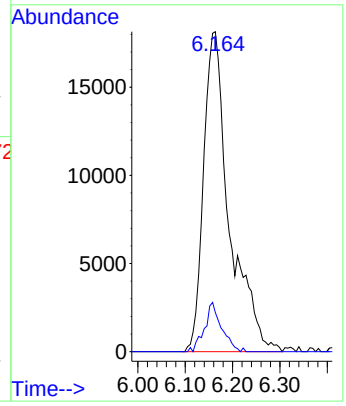


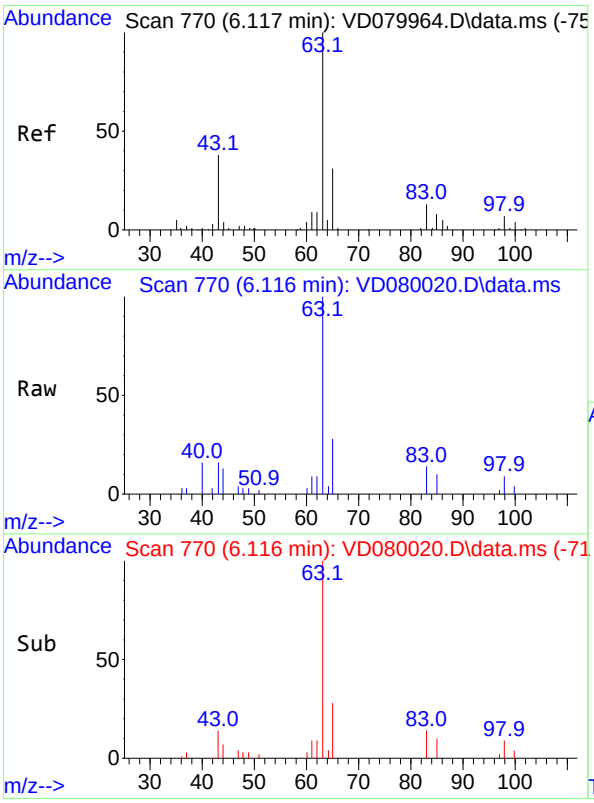
#23
Vinyl Acetate
Concen: 21.313 ug/l
RT: 6.164 min Scan# 7
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 68903

Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.4	14.0

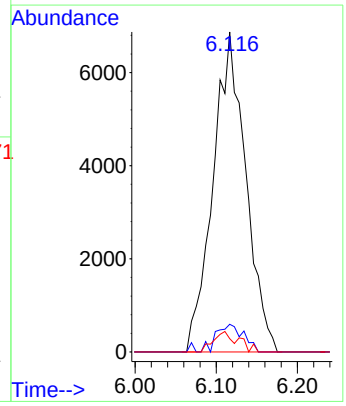


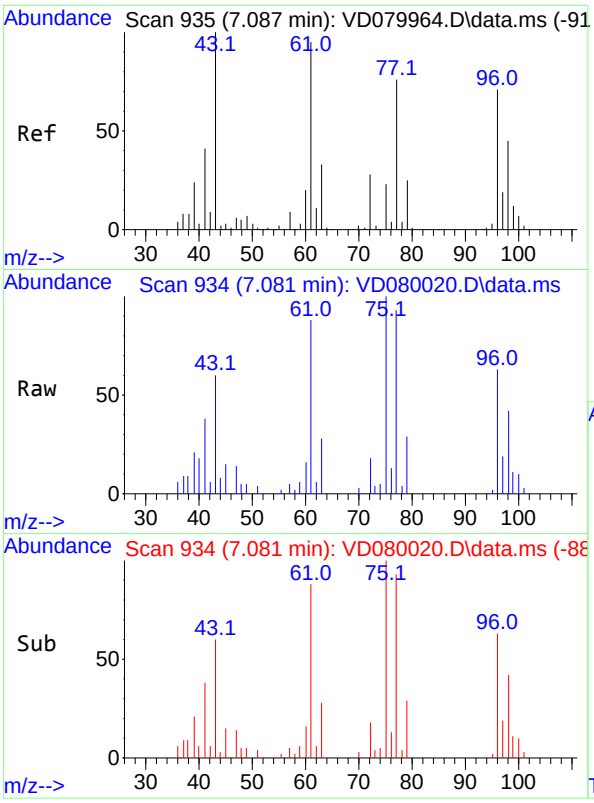


#24
1,1-Dichloroethane
Concen: 5.133 ug/l
RT: 6.116 min Scan# 770
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 63 Resp: 19262

Ion	Ratio	Lower	Upper
63	100		
98	8.7	3.5	10.6
100	4.1	2.1	6.5



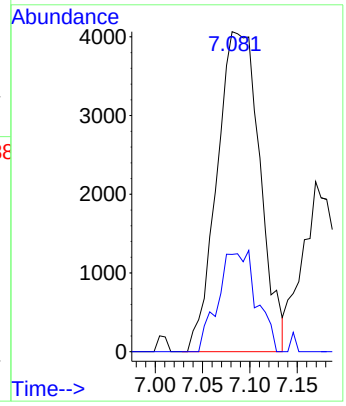


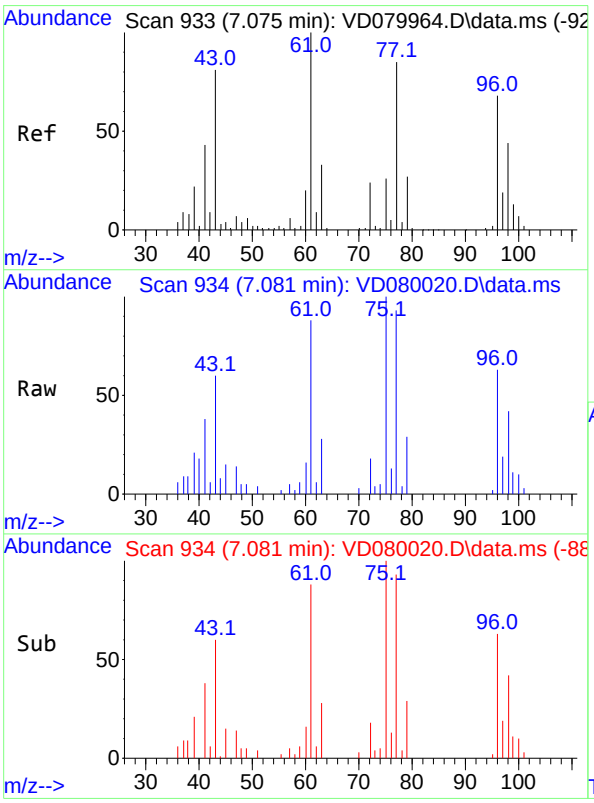
#25
2-Butanone
Concen: 23.147 ug/l
RT: 7.081 min Scan# 9
Delta R.T. -0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 12819

Ion	Ratio	Lower	Upper
43	100		
72	30.4	22.3	33.5

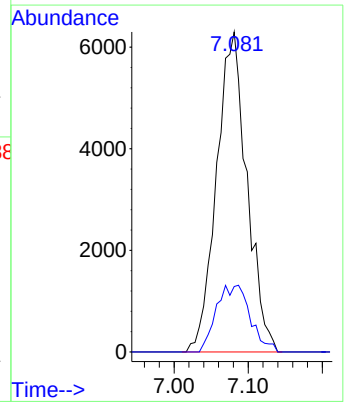


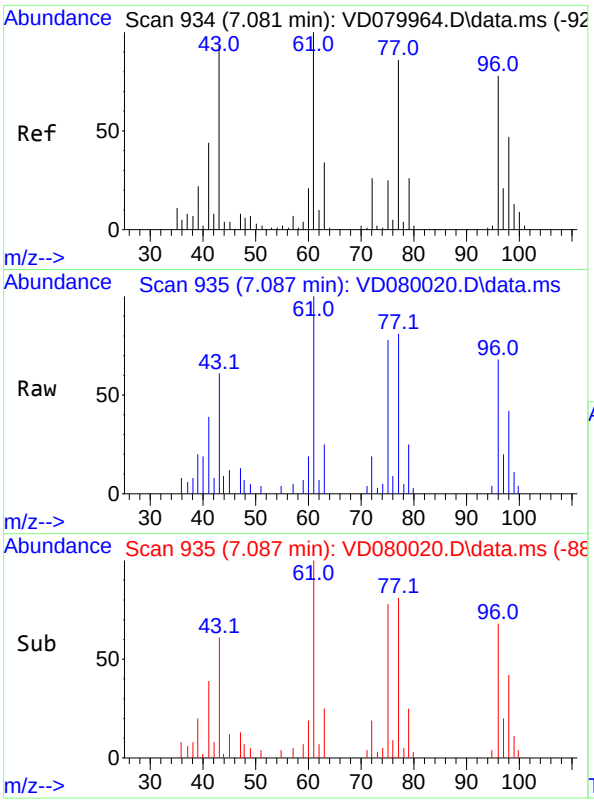


#26
2,2-Dichloropropane
Concen: 5.490 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 77 Resp: 17908

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.9	35.9



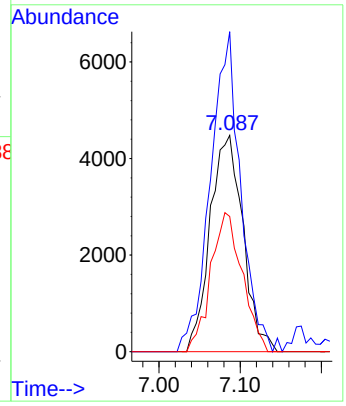


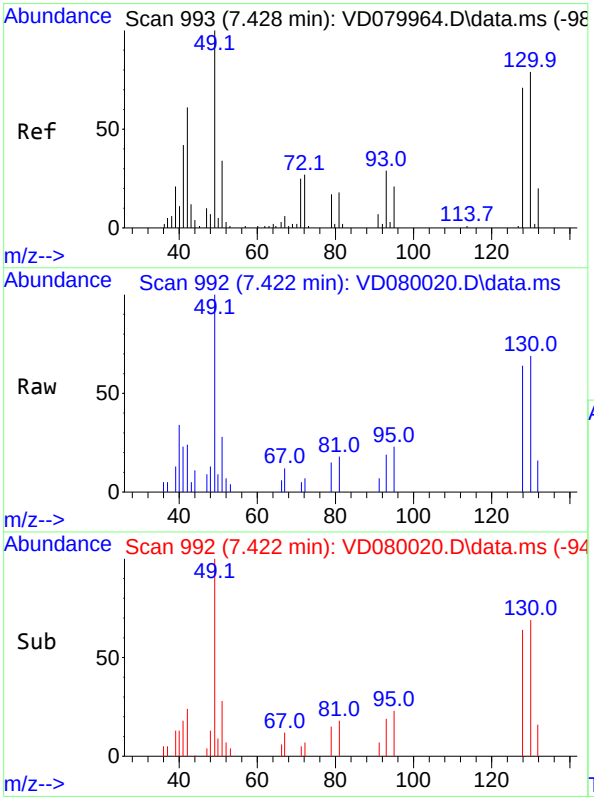
#27
cis-1,2-Dichloroethene
Concen: 5.058 ug/l
RT: 7.087 min Scan# 9
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 12614

Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	278.2
98	61.6	0.0	127.8

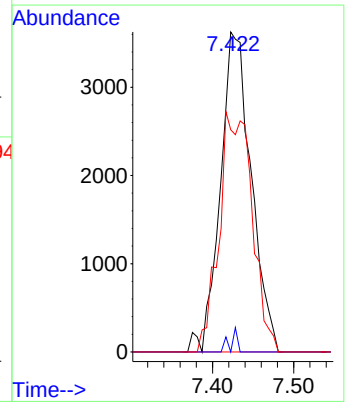


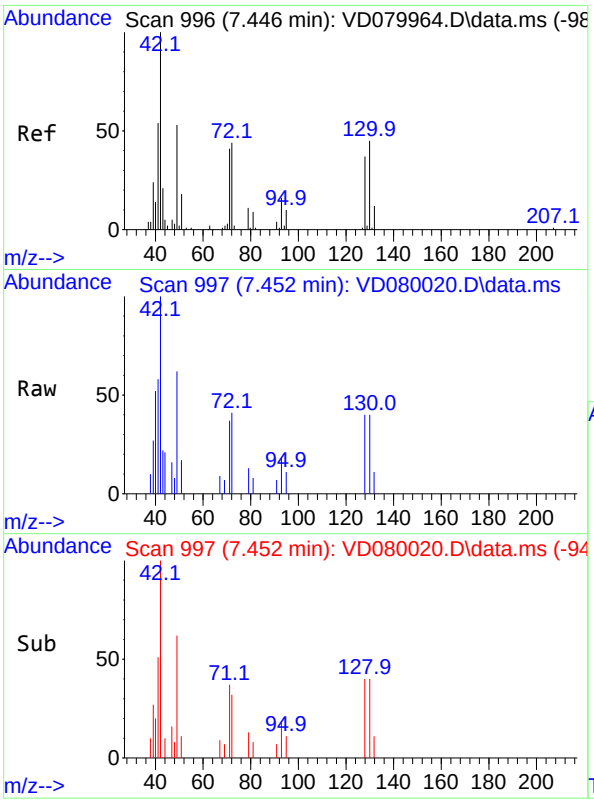


#28
Bromochloromethane
Concen: 5.749 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 49 Resp: 9601

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.2
130	79.7	64.6	97.0



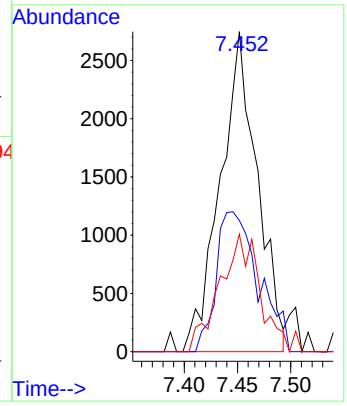


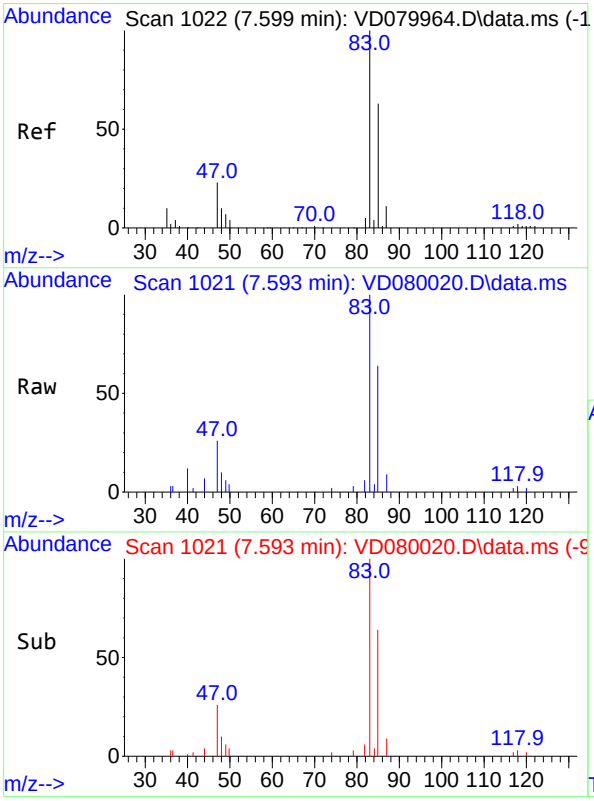
#29
Tetrahydrofuran
Concen: 21.911 ug/l
RT: 7.452 min Scan# 9
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 6647

Ion	Ratio	Lower	Upper
42	100		
72	49.8	36.7	55.1
71	40.5	34.4	51.6

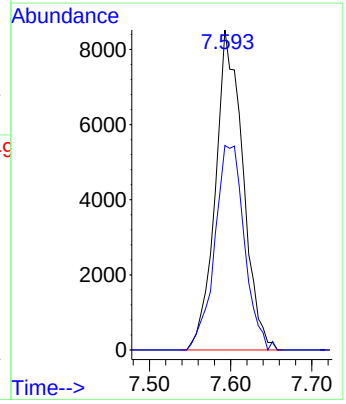


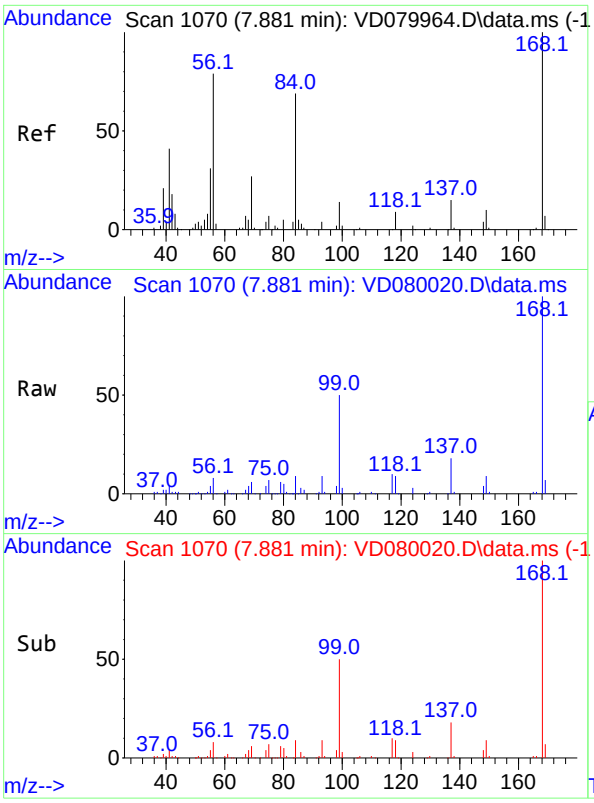


#30
Chloroform
Concen: 5.072 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 83 Resp: 20052

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.8	76.2



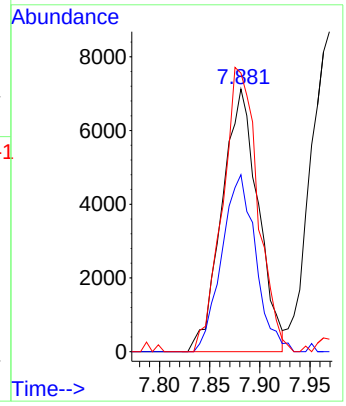


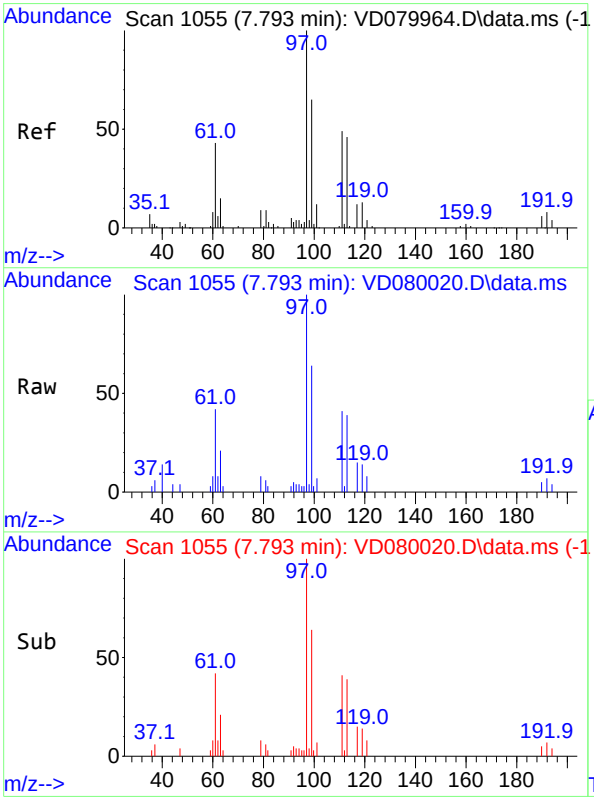
#31
Cyclohexane
Concen: 5.634 ug/l
RT: 7.881 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 17921

Ion	Ratio	Lower	Upper
56	100		
69	67.4	27.3	40.9#
84	106.0	70.2	105.4#

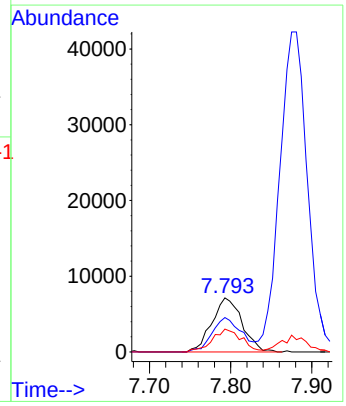


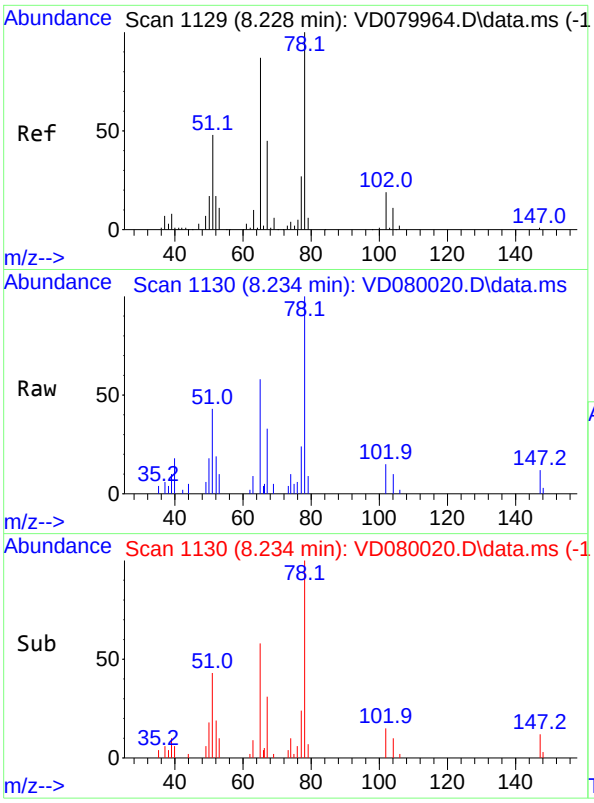


#32
1,1,1-Trichloroethane
Concen: 5.440 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 97 Resp: 18407

Ion	Ratio	Lower	Upper
97	100		
99	61.5	50.7	76.1
61	41.2	34.2	51.2



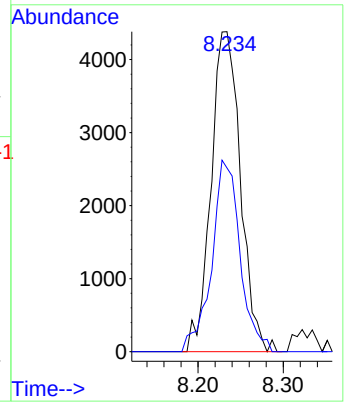


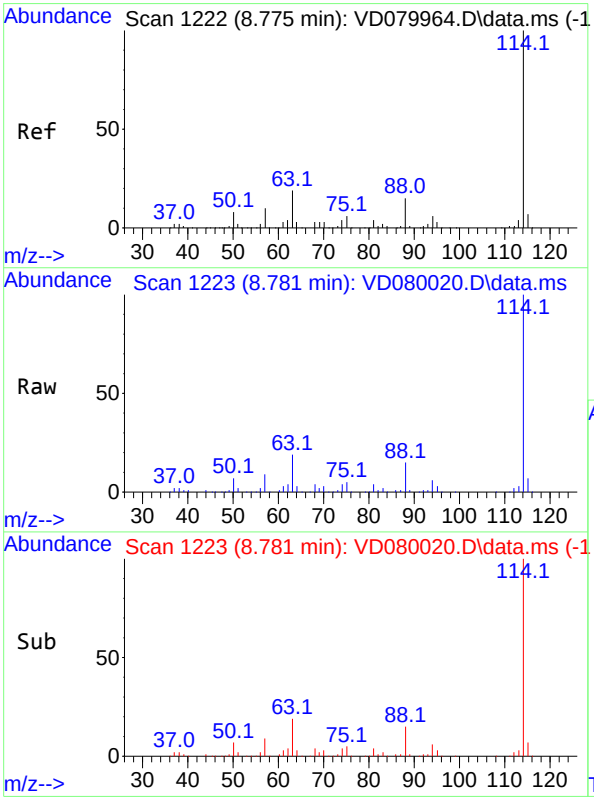
#33
1,2-Dichloroethane-d4
Concen: 5.378 ug/l
RT: 8.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 10505

Ion	Ratio	Lower	Upper
65	100		
67	57.6	0.0	109.2

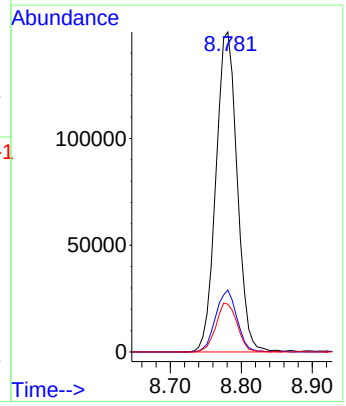


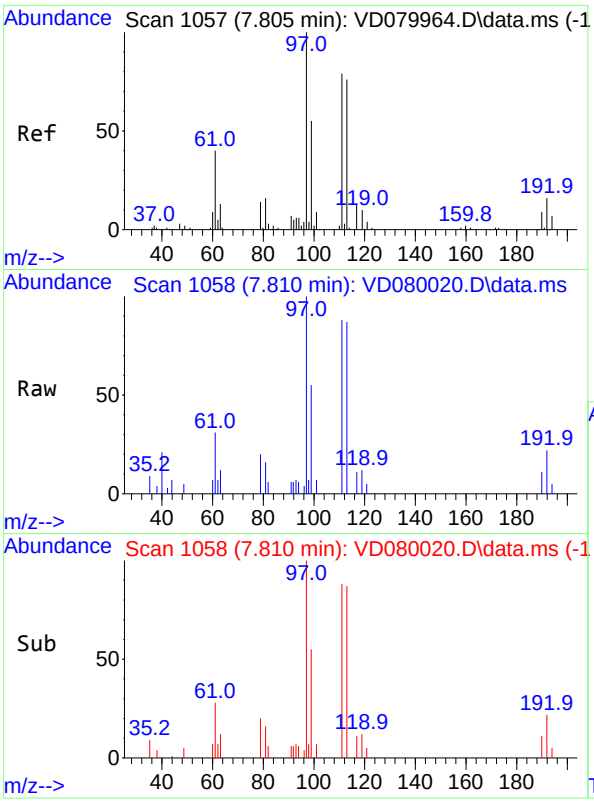


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:114 Resp: 311169

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	14.9	0.0	30.6



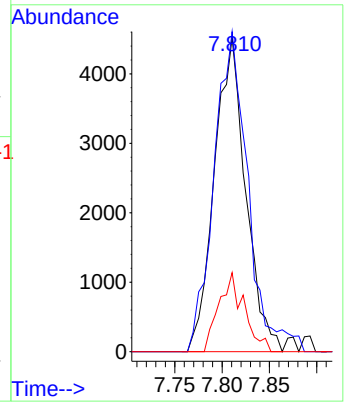


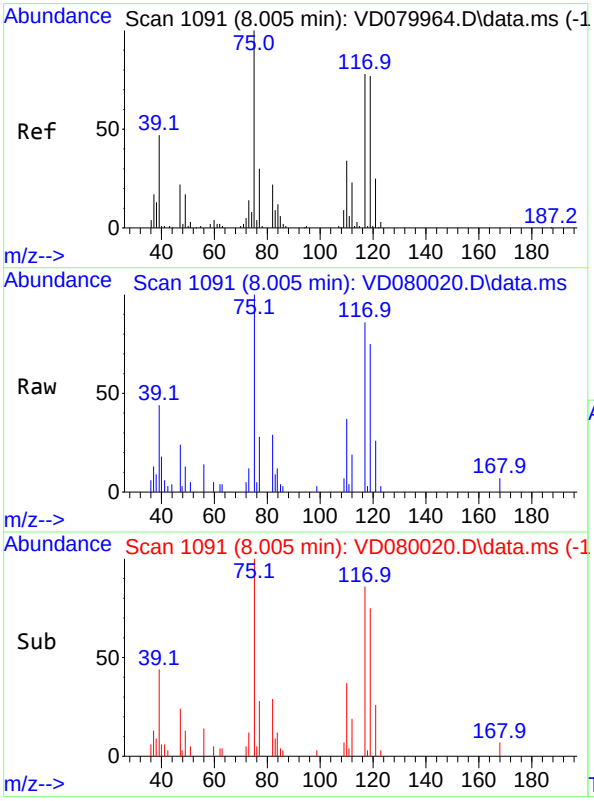
#35
Dibromofluoromethane
Concen: 5.027 ug/l
RT: 7.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 10411

Ion	Ratio	Lower	Upper
113	100		
111	110.1	82.5	123.7
192	20.4	16.6	25.0

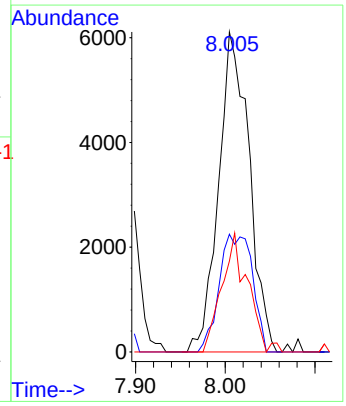


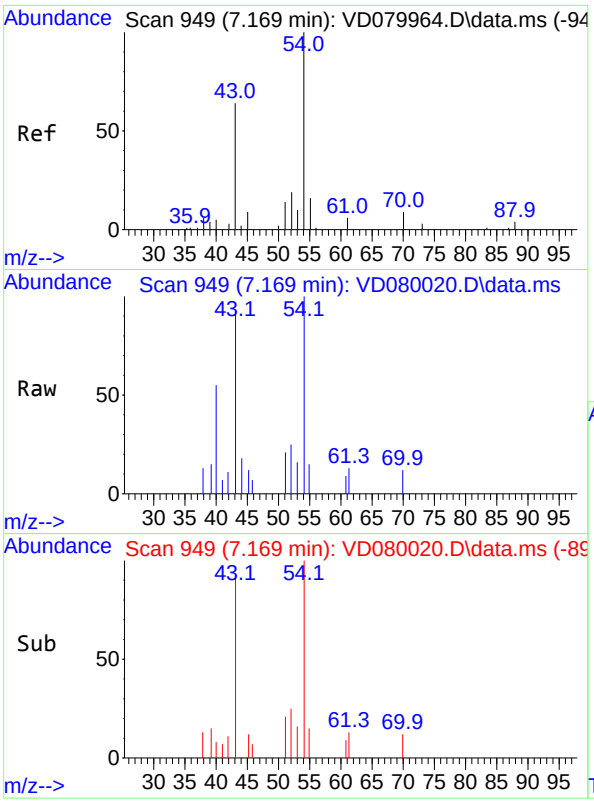


#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 75 Resp: 14449

Ion	Ratio	Lower	Upper
75	100		
110	40.0	18.4	55.0
77	31.9	25.6	38.4



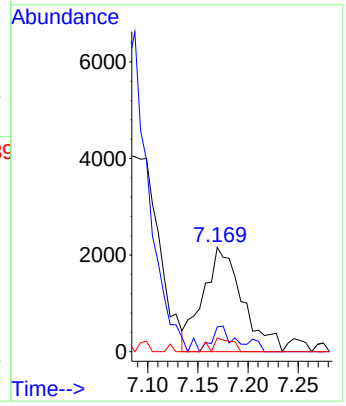


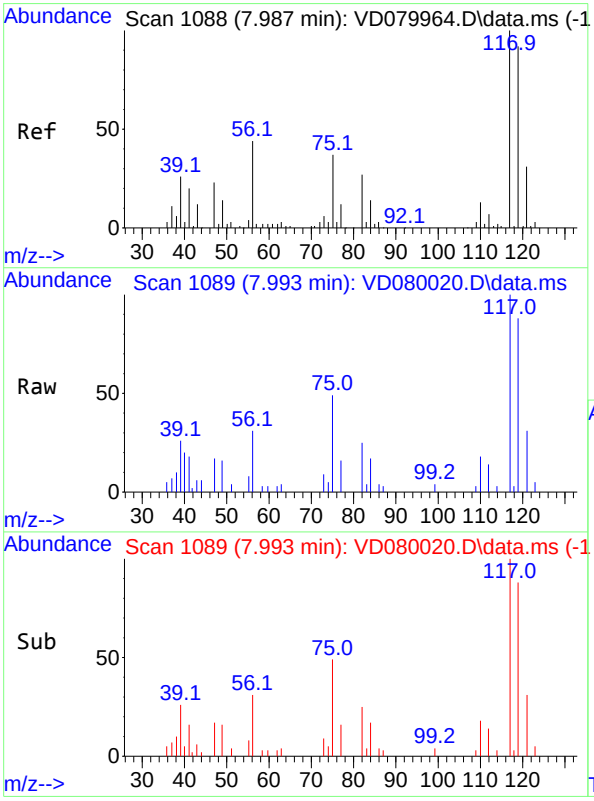
#37
Ethyl Acetate
Concen: 4.854 ug/l
RT: 7.169 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5908

Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.0	16.4
70	6.9	9.4	14.2#

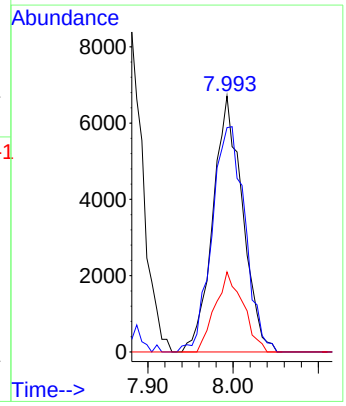


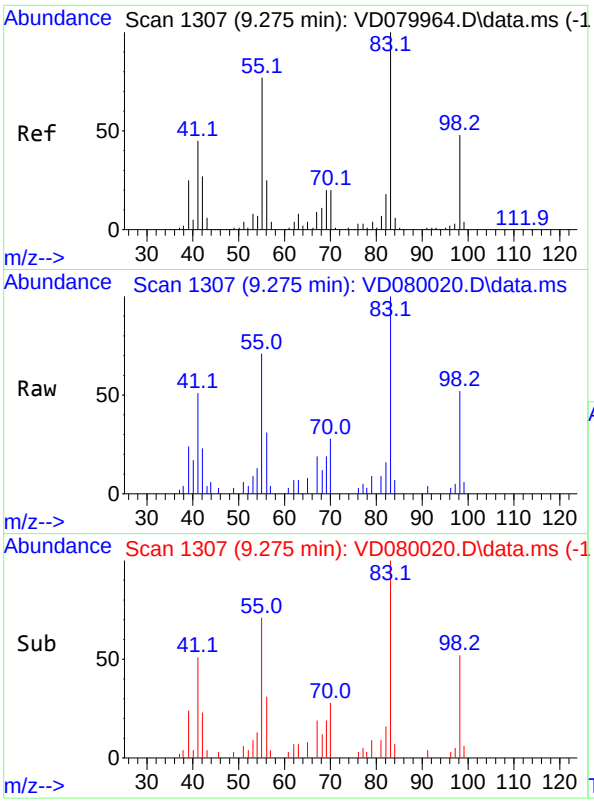


#38
Carbon Tetrachloride
Concen: 5.237 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:117 Resp: 16203

Ion	Ratio	Lower	Upper
117	100		
119	87.7	73.4	110.0
121	31.3	24.5	36.7



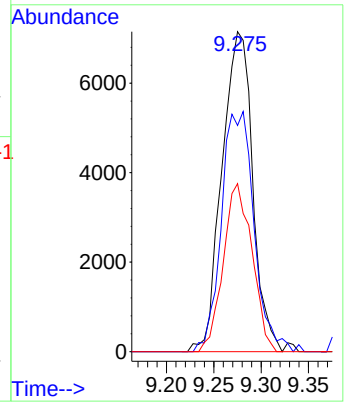


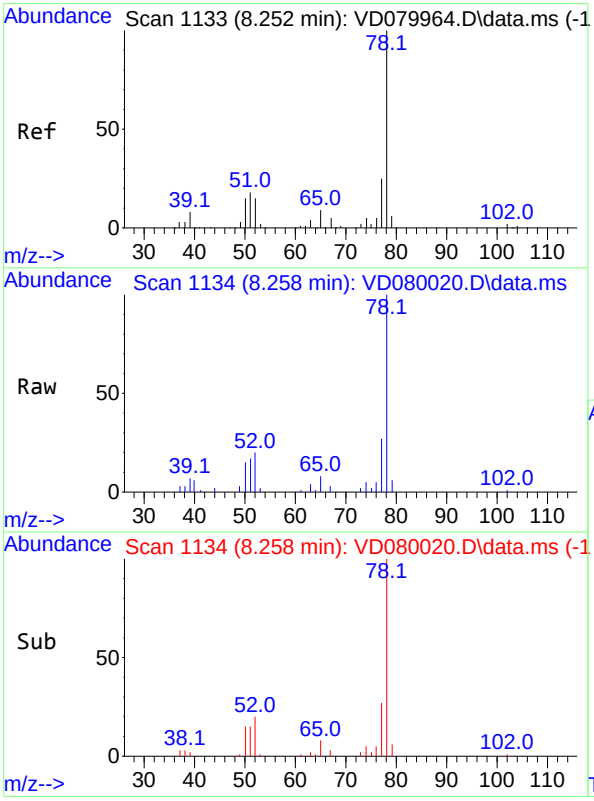
#39
Methylcyclohexane
Concen: 4.769 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 16077

Ion	Ratio	Lower	Upper
83	100		
55	70.7	62.0	93.0
98	52.5	38.7	58.1

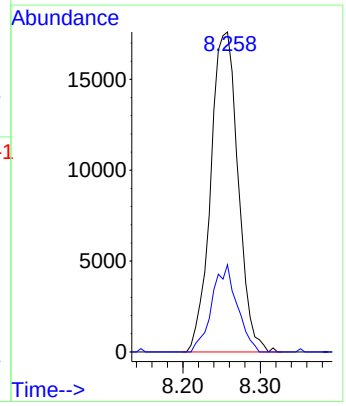


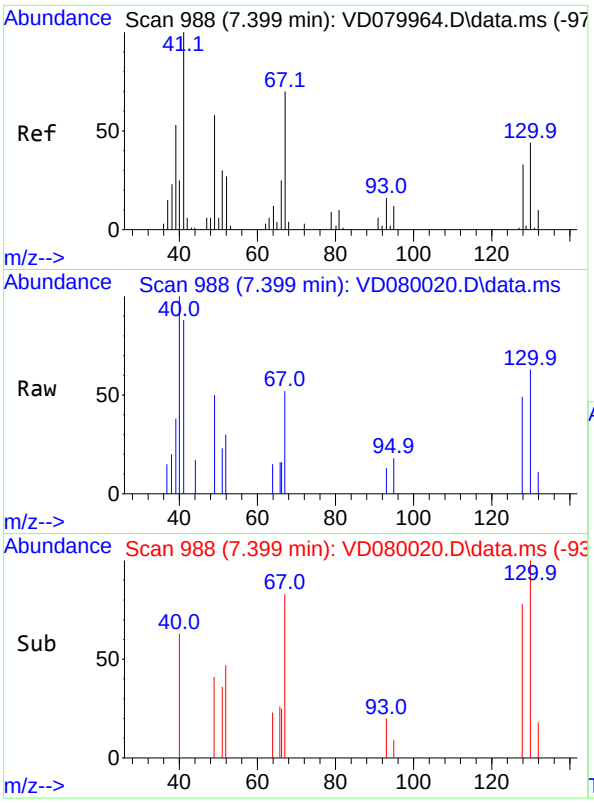


#40
Benzene
Concen: 4.903 ug/l
RT: 8.258 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 78 Resp: 43278

Ion	Ratio	Lower	Upper
78	100		
77	27.2	20.2	30.4



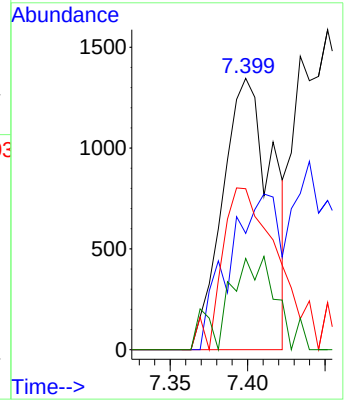


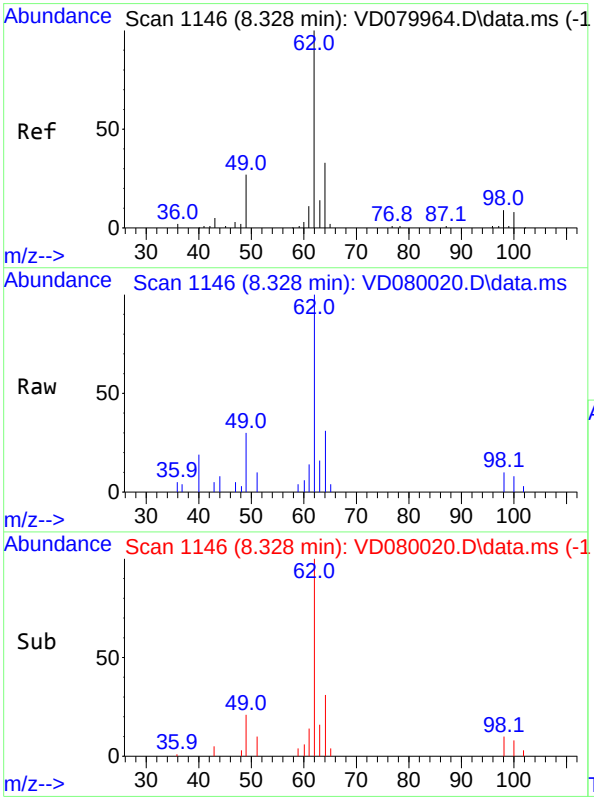
#41
Methacrylonitrile
Concen: 2.038 ug/l
RT: 7.399 min Scan# 9
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 3000

Ion	Ratio	Lower	Upper
41	100		
39	58.0	47.8	71.8
67	69.6	64.9	97.3
52	34.1	27.5	41.3

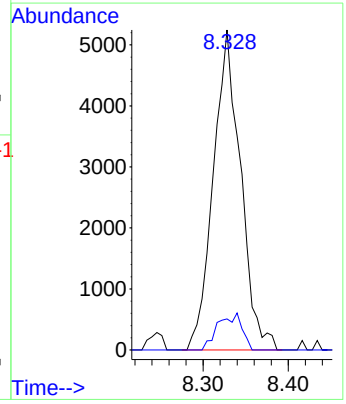


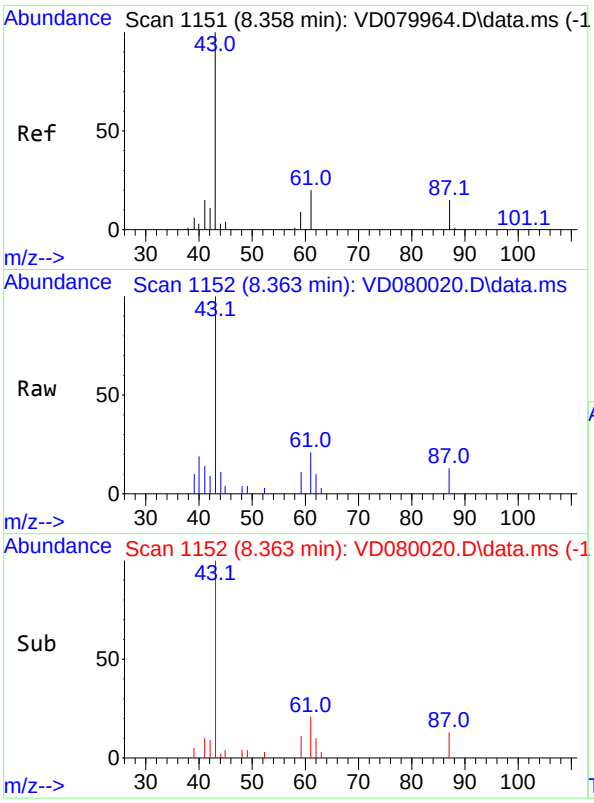


#42
1,2-Dichloroethane
Concen: 5.117 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 62 Resp: 11688

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



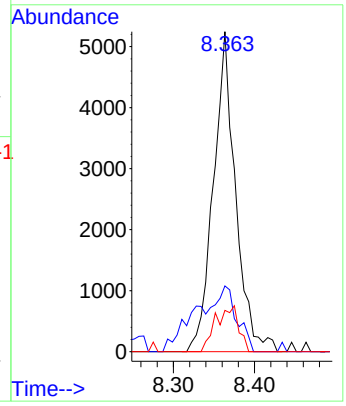


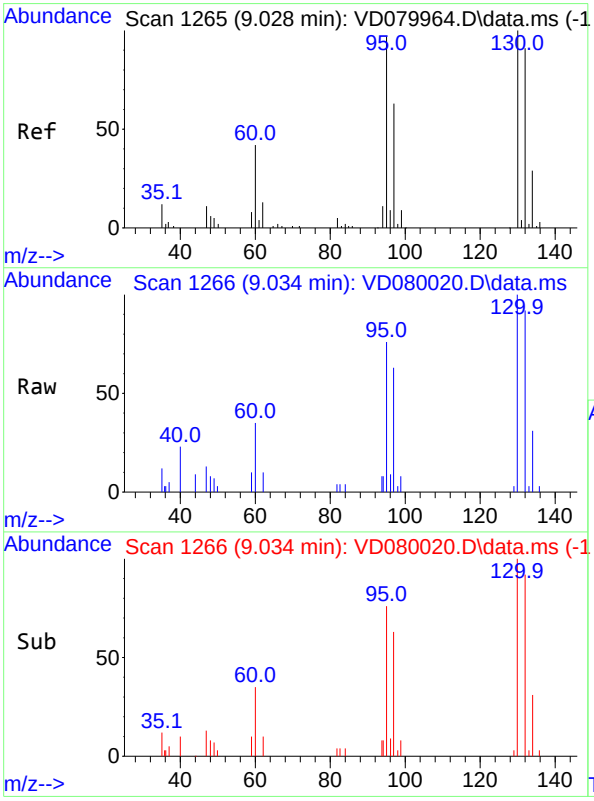
#43
Isopropyl Acetate
Concen: 4.510 ug/l
RT: 8.363 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 9952

Ion	Ratio	Lower	Upper
43	100		
61	19.2	26.2	39.2#
87	14.7	11.8	17.8

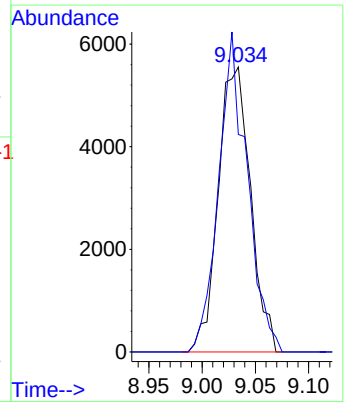


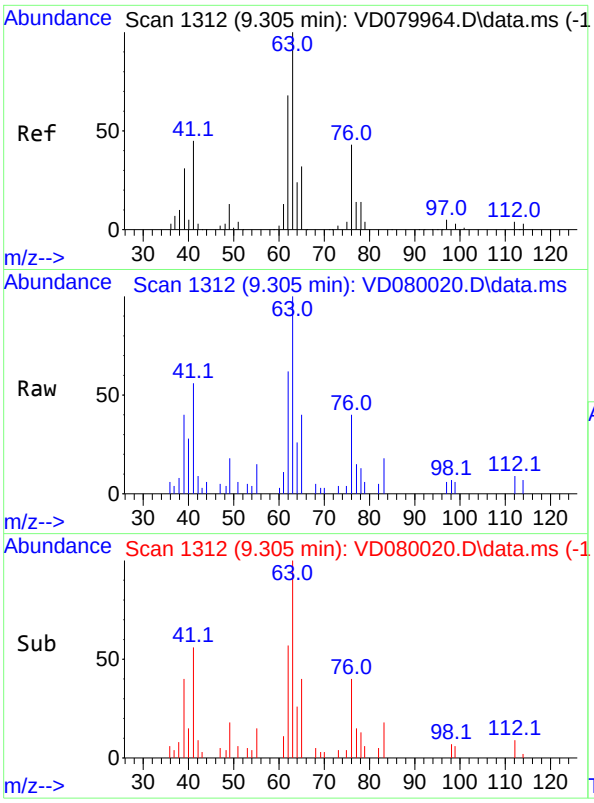


#44
Trichloroethene
Concen: 5.150 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:130 Resp: 11762

Ion	Ratio	Lower	Upper
130	100		
95	76.3	0.0	194.6



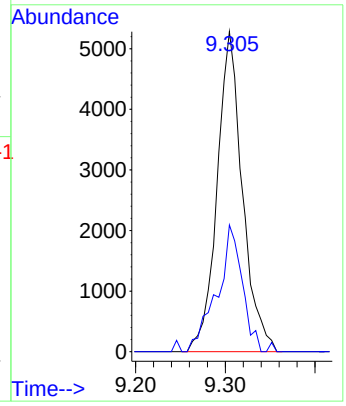


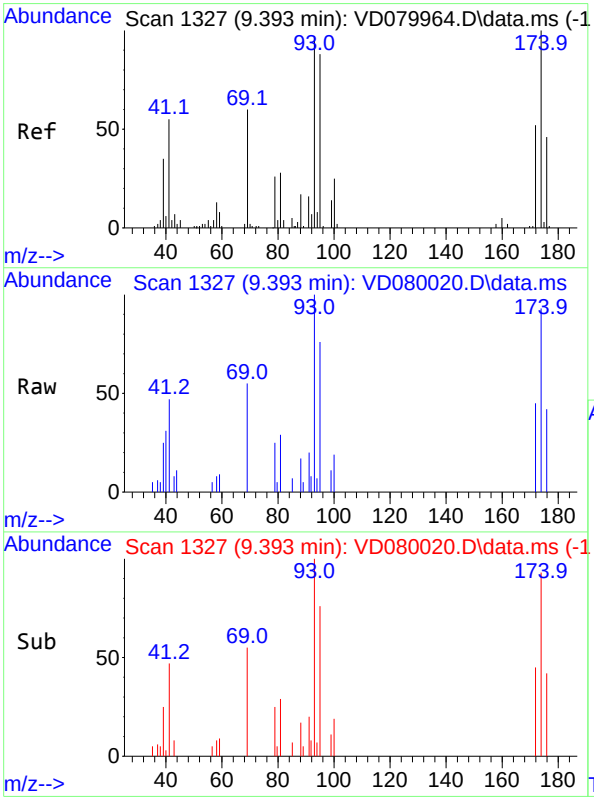
#45
1,2-Dichloropropane
Concen: 4.884 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 10360

Ion	Ratio	Lower	Upper
63	100		
65	39.6	26.2	39.4#

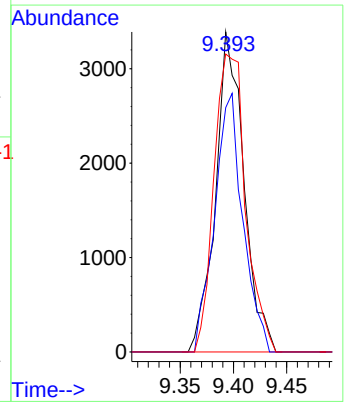


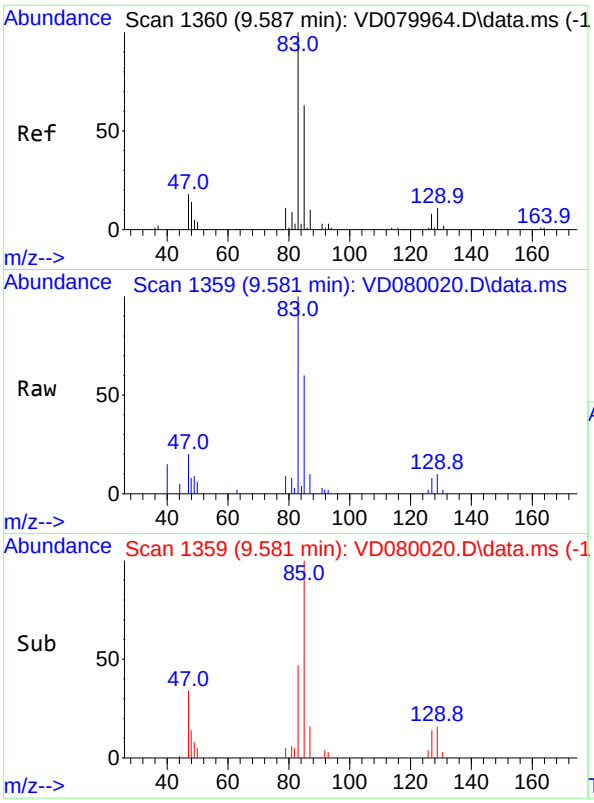


#46
Dibromomethane
Concen: 5.083 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 93 Resp: 6271

Ion	Ratio	Lower	Upper
93	100		
95	80.7	67.9	101.9
174	104.0	80.5	120.7



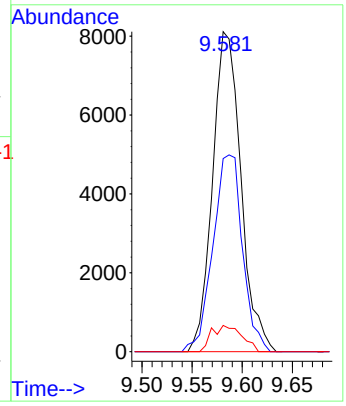


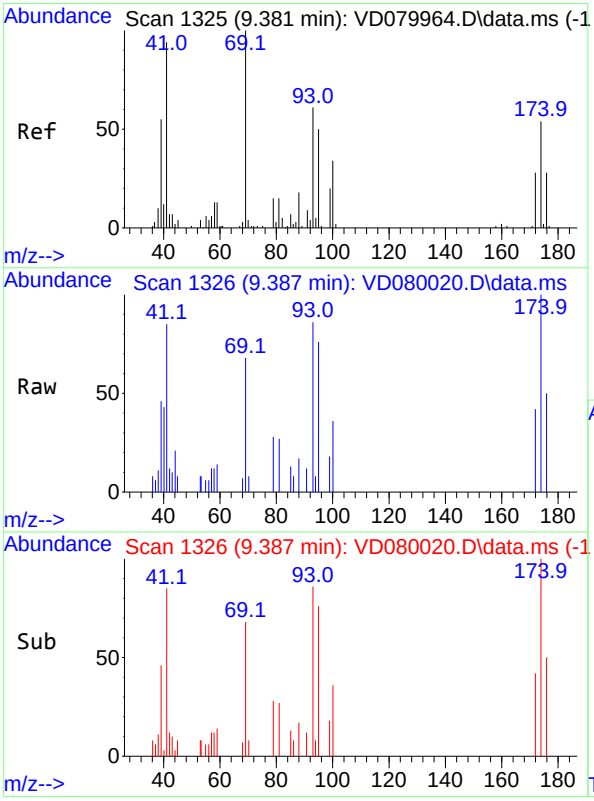
#47
Bromodichloromethane
Concen: 5.168 ug/l
RT: 9.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 15961

Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.6	75.8
127	8.2	6.1	9.1

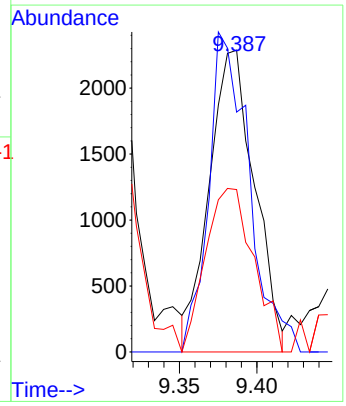


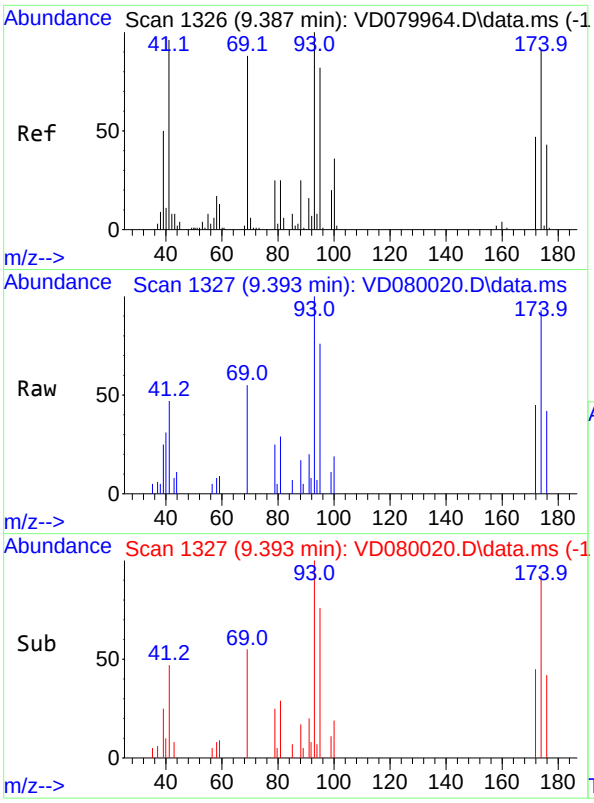


#48
Methyl methacrylate
Concen: 4.412 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 41 Resp: 4647

Ion	Ratio	Lower	Upper
41	100		
69	94.7	74.0	111.0
39	57.6	41.9	62.9



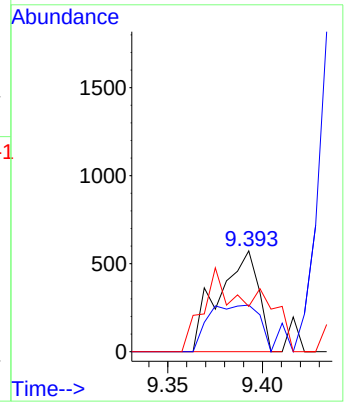


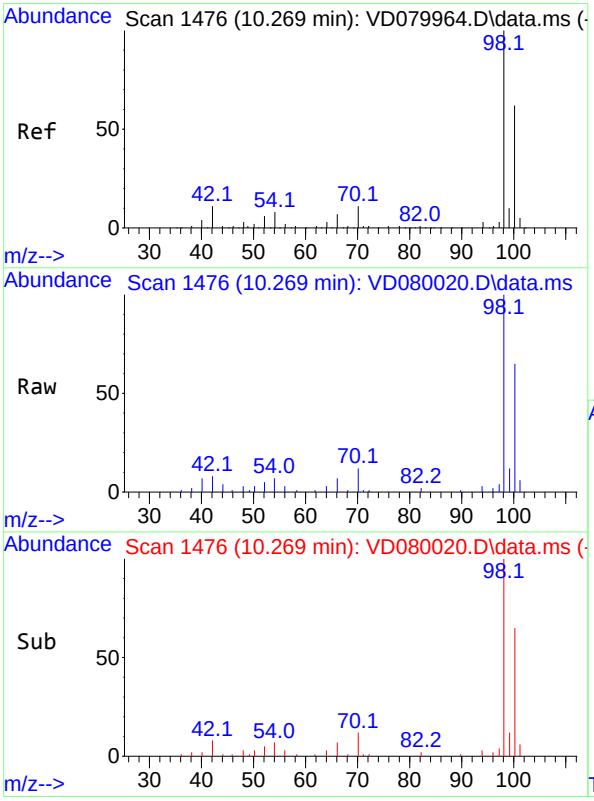
#49
1,4-Dioxane
Concen: 73.952 ug/l
RT: 9.393 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 837

Ion	Ratio	Lower	Upper
88	100		
43	59.0	29.1	43.7#
58	73.4	59.9	89.9

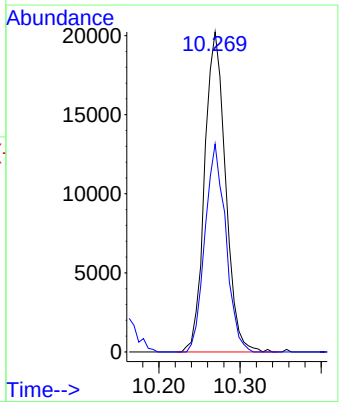


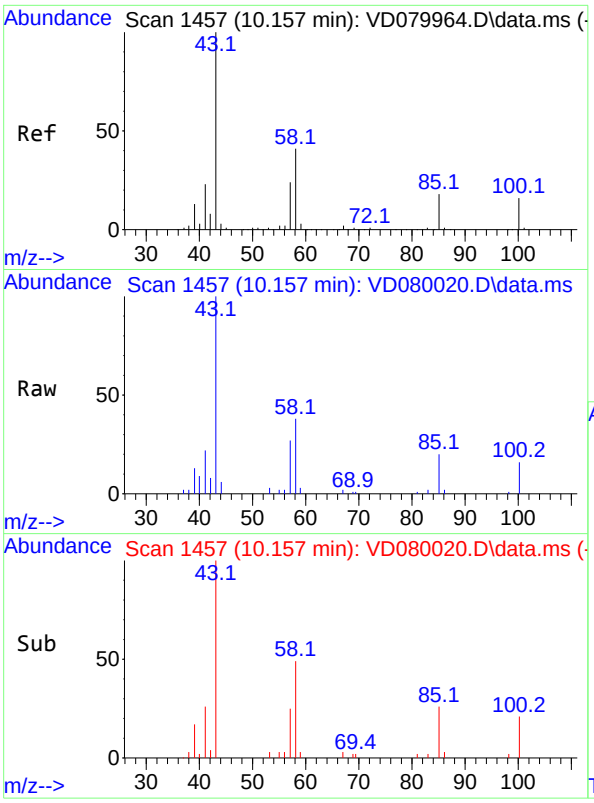


#50
Toluene-d8
Concen: 4.634 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 98 Resp: 36171

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.4



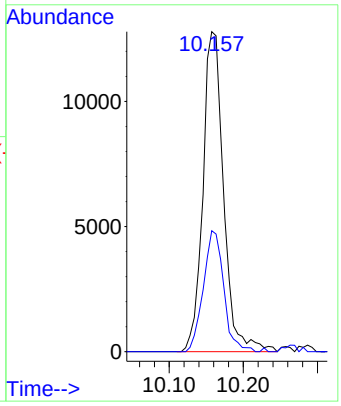


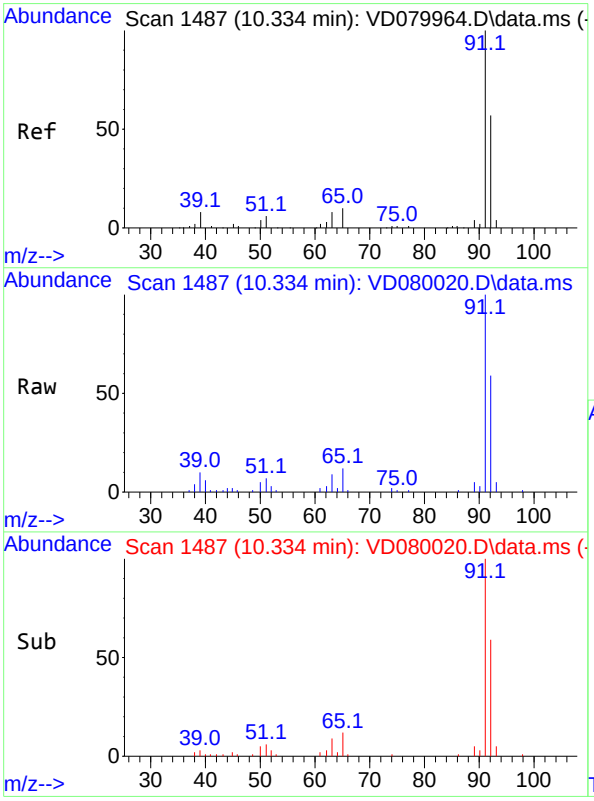
#51
4-Methyl-2-Pentanone
Concen: 22.189 ug/l
RT: 10.157 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 24839

Ion	Ratio	Lower	Upper
43	100		
58	37.2	32.8	49.2

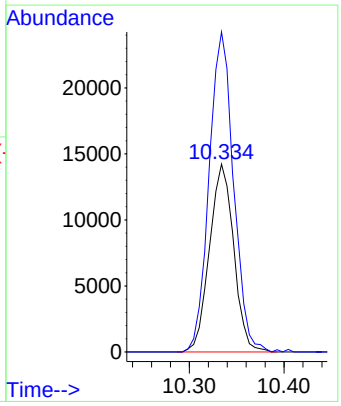


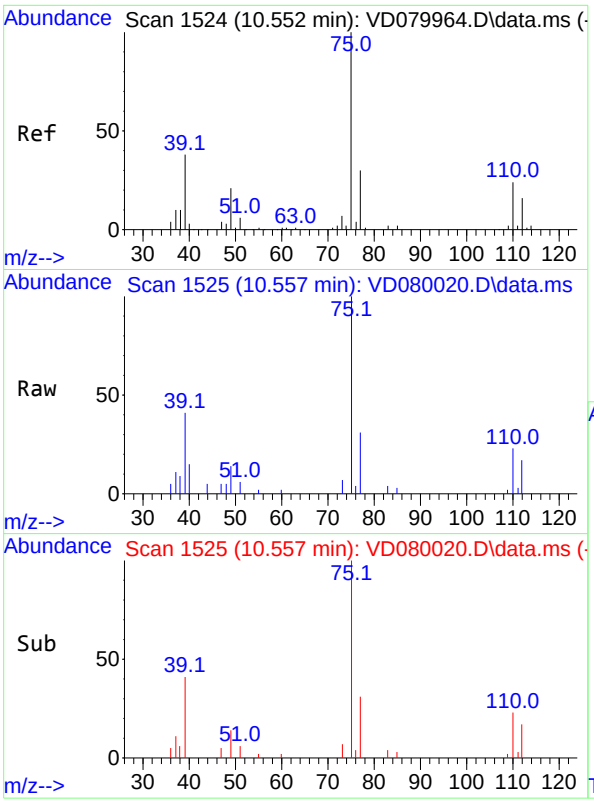


#52
Toluene
Concen: 4.615 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 92 Resp: 25315

Ion	Ratio	Lower	Upper
92	100		
91	171.8	139.3	208.9



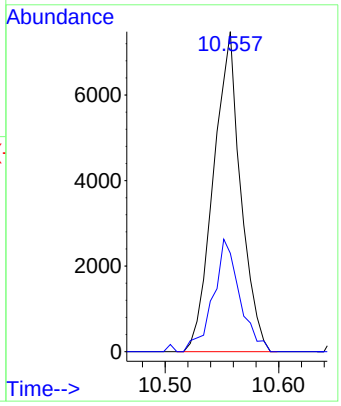


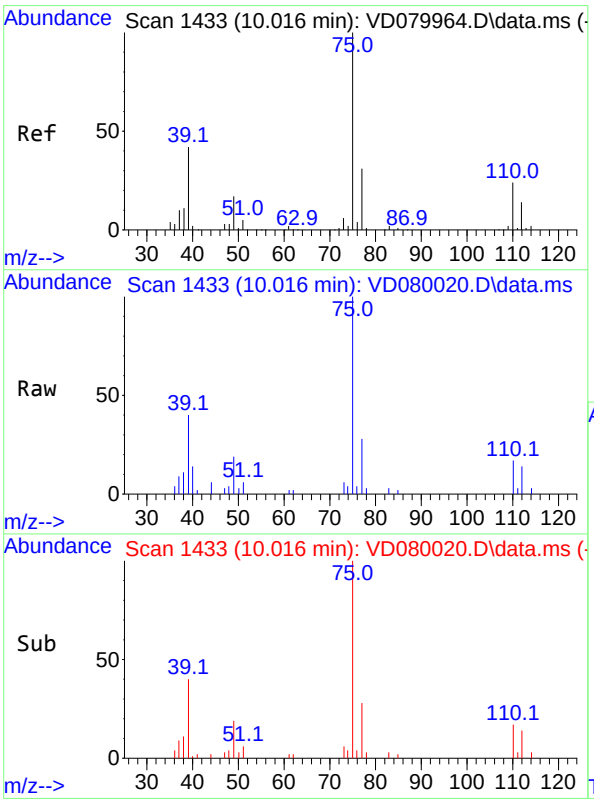
#53
t-1,3-Dichloropropene
Concen: 4.533 ug/l
RT: 10.557 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 12479

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.1	36.1

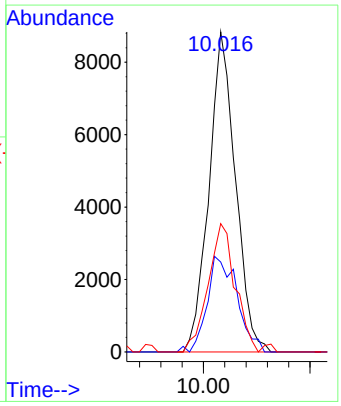


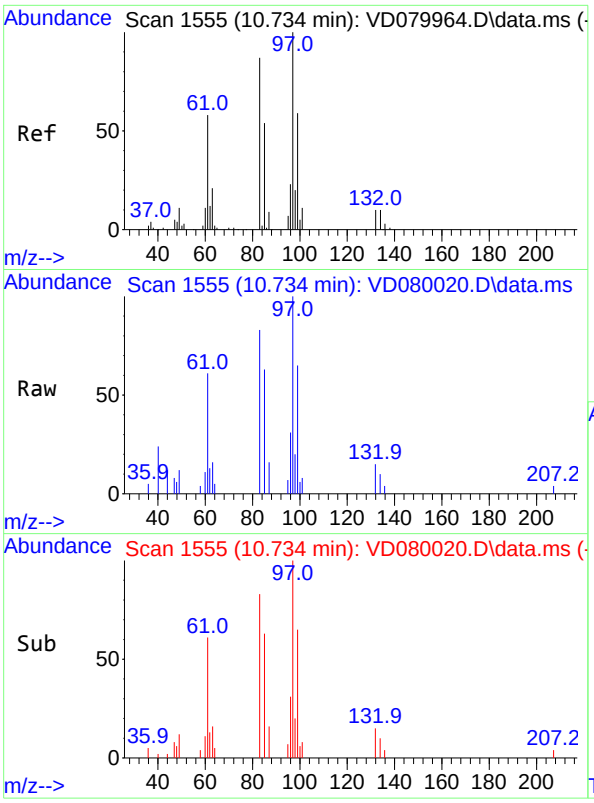


#54
cis-1,3-Dichloropropene
Concen: 4.681 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 75 Resp: 15257

Ion	Ratio	Lower	Upper
75	100		
77	28.1	25.0	37.4
39	40.1	33.2	49.8



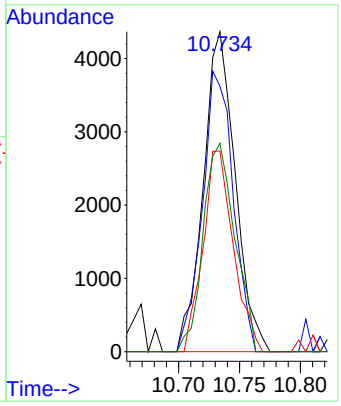


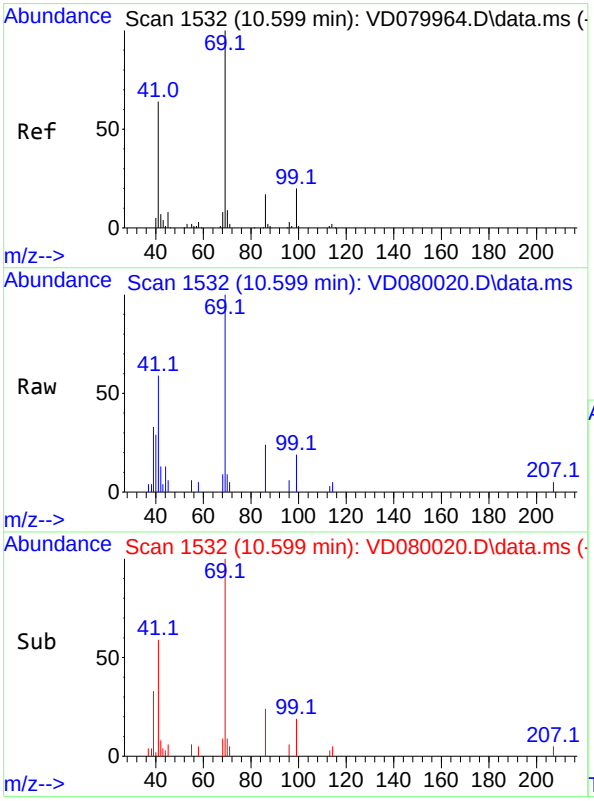
#55
1,1,2-Trichloroethane
Concen: 4.876 ug/l
RT: 10.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 7959

Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.2	103.8
85	62.7	43.0	64.6
99	65.1	47.4	71.2

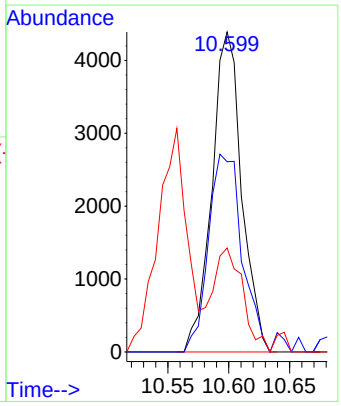


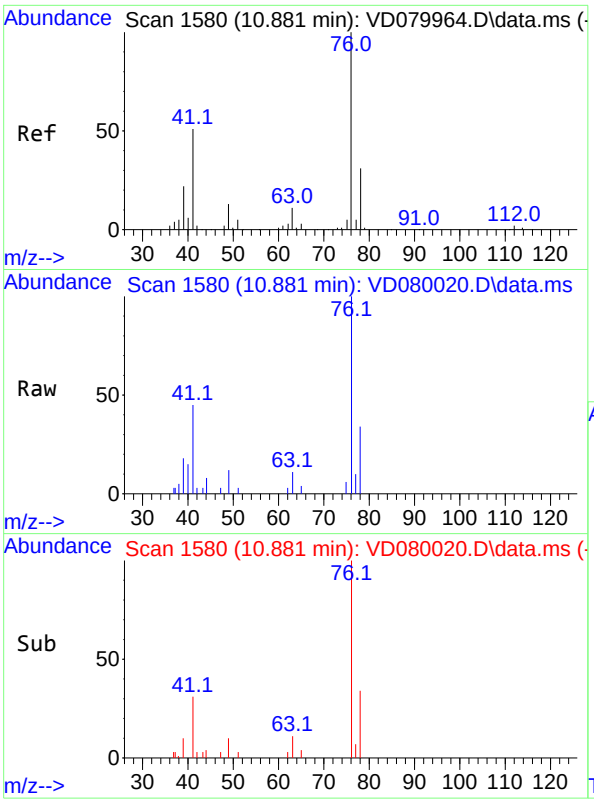


#56
Ethyl methacrylate
Concen: 3.942 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 69 Resp: 7483

Ion	Ratio	Lower	Upper
69	100		
41	69.7	50.4	75.6
39	30.8	26.0	39.0



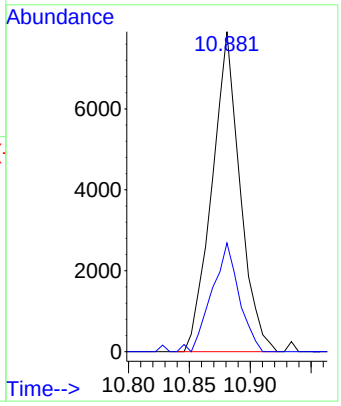


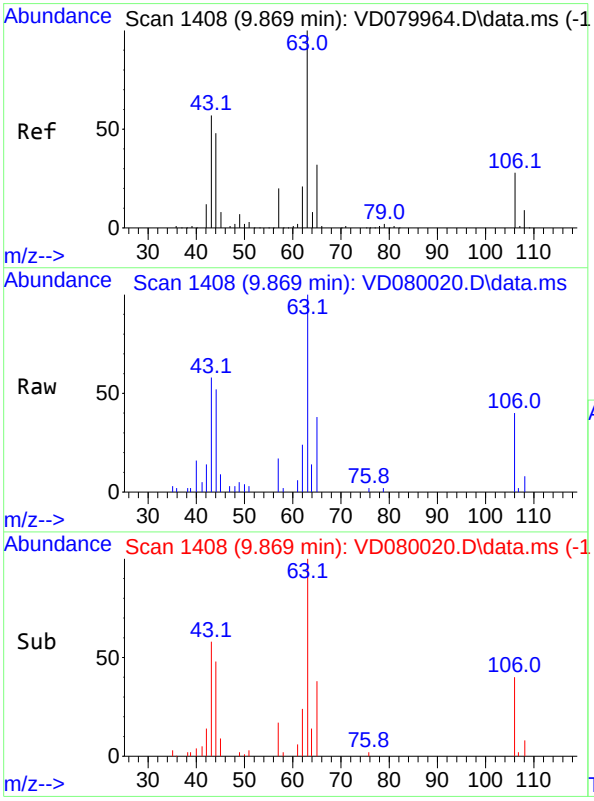
#57
1,3-Dichloropropane
Concen: 4.782 ug/l
RT: 10.881 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 12699

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.4	38.2

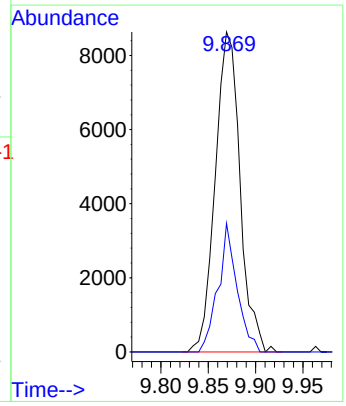


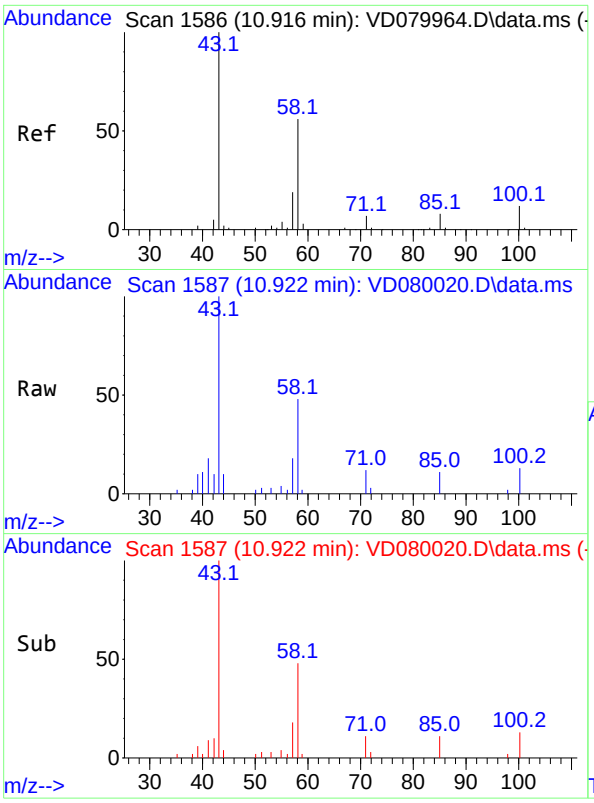


#58
2-Chloroethyl Vinyl ether
Concen: 21.926 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 63 Resp: 15740

Ion	Ratio	Lower	Upper
63	100		
106	30.7	21.8	32.6



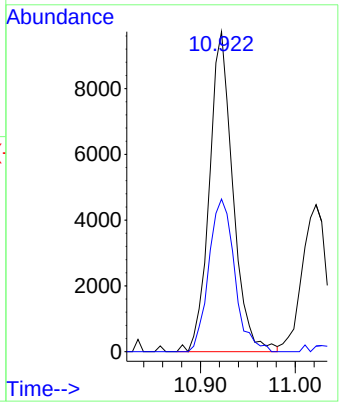


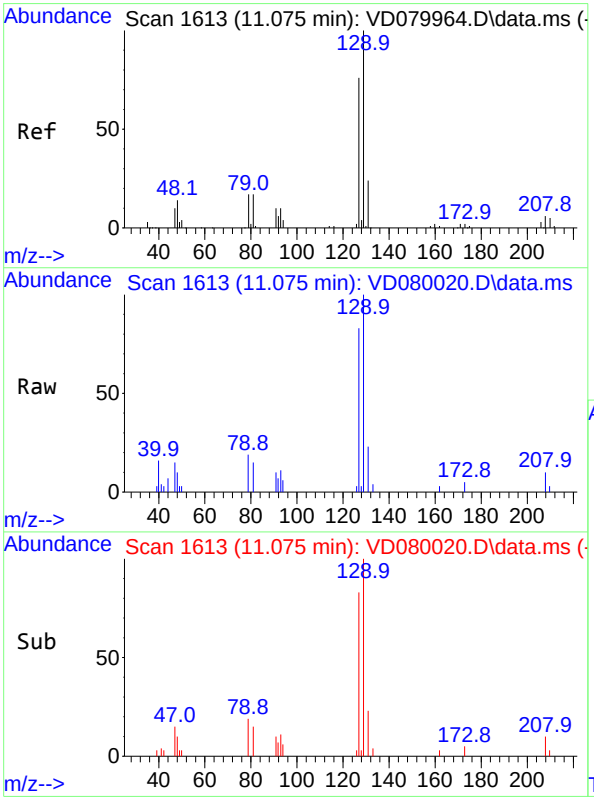
#59
2-Hexanone
Concen: 20.424 ug/l
RT: 10.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 16817

Ion	Ratio	Lower	Upper
43	100		
58	52.4	27.8	83.4

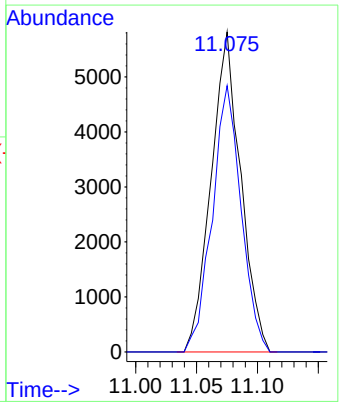


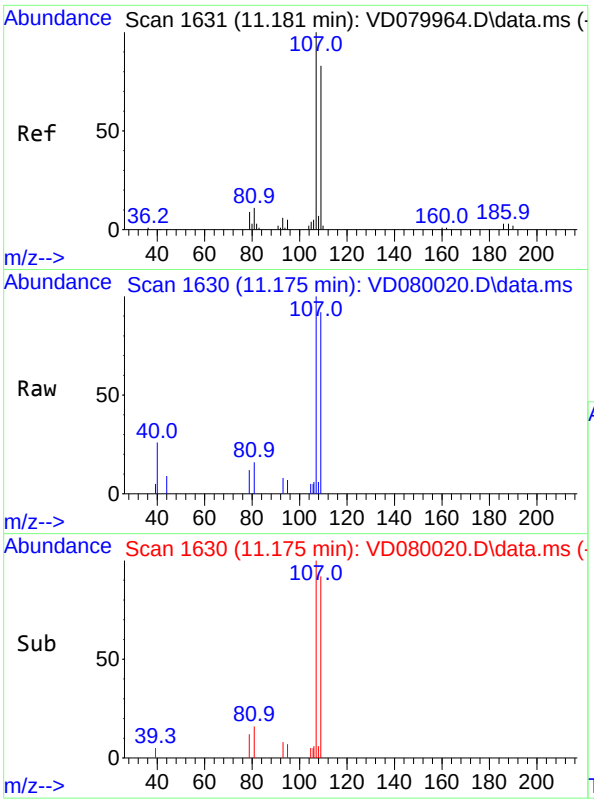


#60
Dibromochloromethane
Concen: 4.692 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:129 Resp: 9857

Ion	Ratio	Lower	Upper
129	100		
127	80.9	38.4	115.2



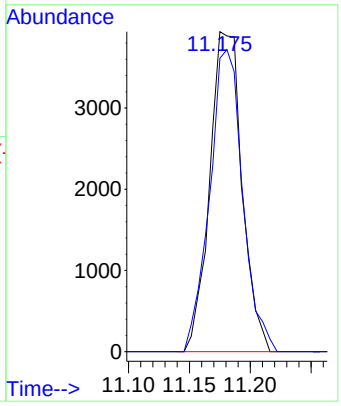


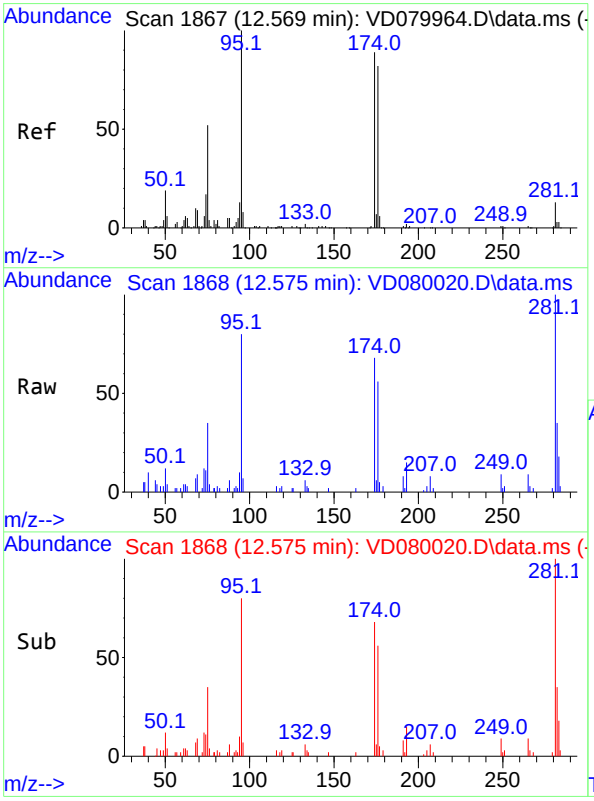
#61
1,2-Dibromoethane
Concen: 4.725 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:107 Resp: 7272

Ion	Ratio	Lower	Upper
107	100		
109	96.6	73.9	110.9

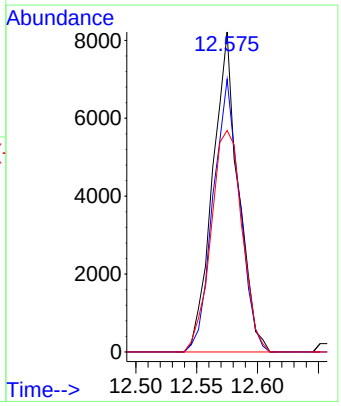


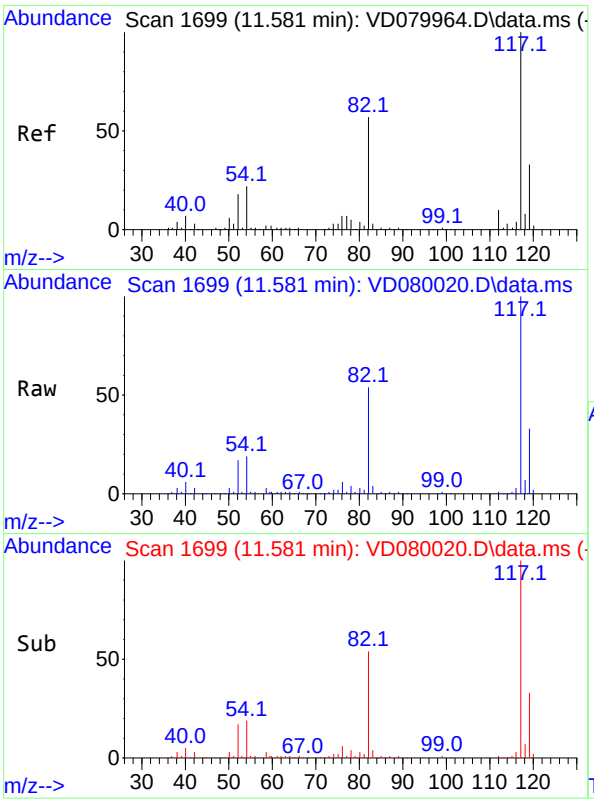


#62
4-Bromofluorobenzene
Concen: 4.718 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 95 Resp: 12083

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	173.4
176	83.7	0.0	166.6



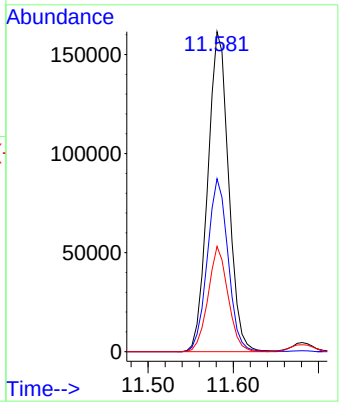


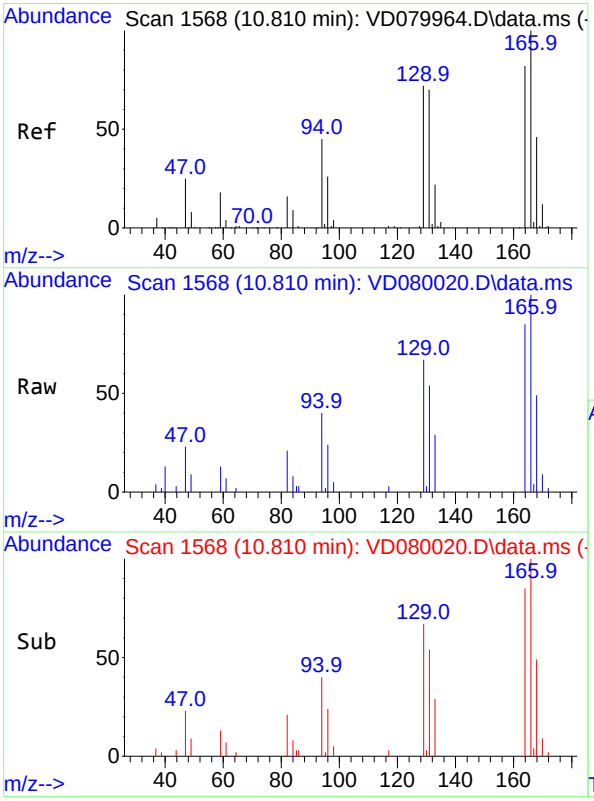
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 273942

Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.8	68.6
119	32.9	26.2	39.2

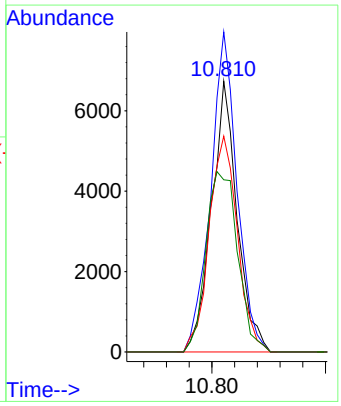


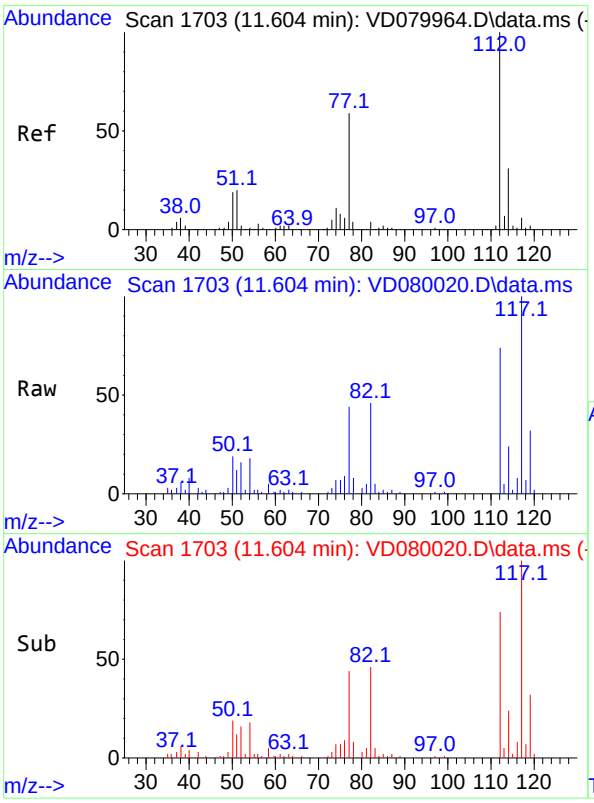


#64
Tetrachloroethene
Concen: 5.425 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:164 Resp: 10583

Ion	Ratio	Lower	Upper
164	100		
166	118.2	97.5	146.3
129	79.7	70.6	106.0
131	63.6	68.7	103.1#



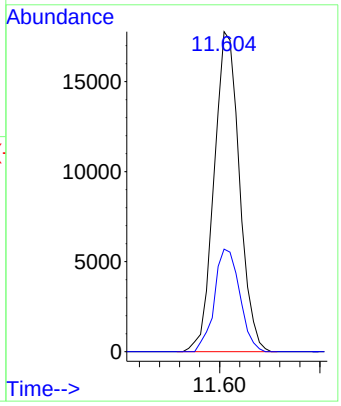


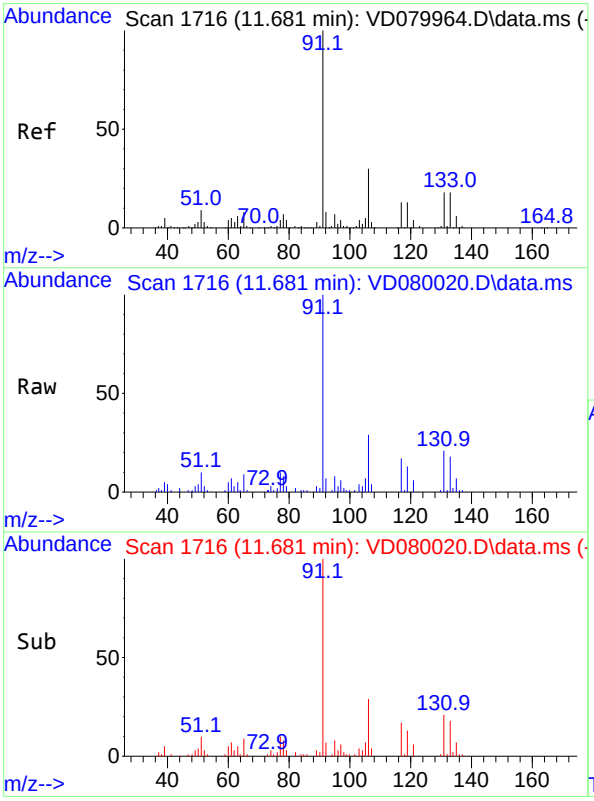
#65
Chlorobenzene
Concen: 5.215 ug/l
RT: 11.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 31166

Ion	Ratio	Lower	Upper
112	100		
114	32.1	24.6	37.0

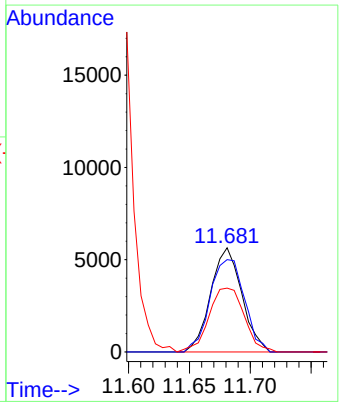


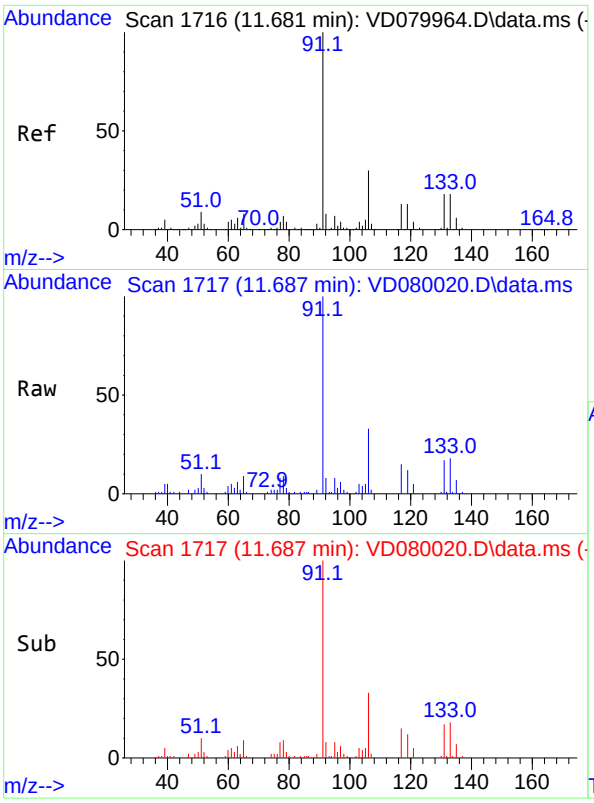


#66
1,1,1,2-Tetrachloroethane
Concen: 4.832 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:131 Resp: 10052

Ion	Ratio	Lower	Upper
131	100		
133	98.2	48.8	146.4
119	69.3	34.8	104.3



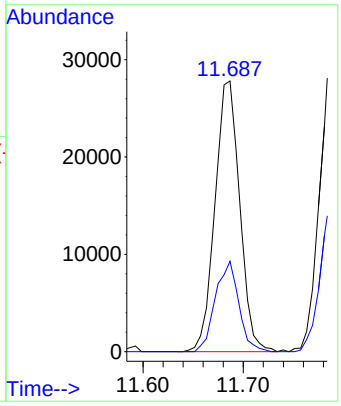


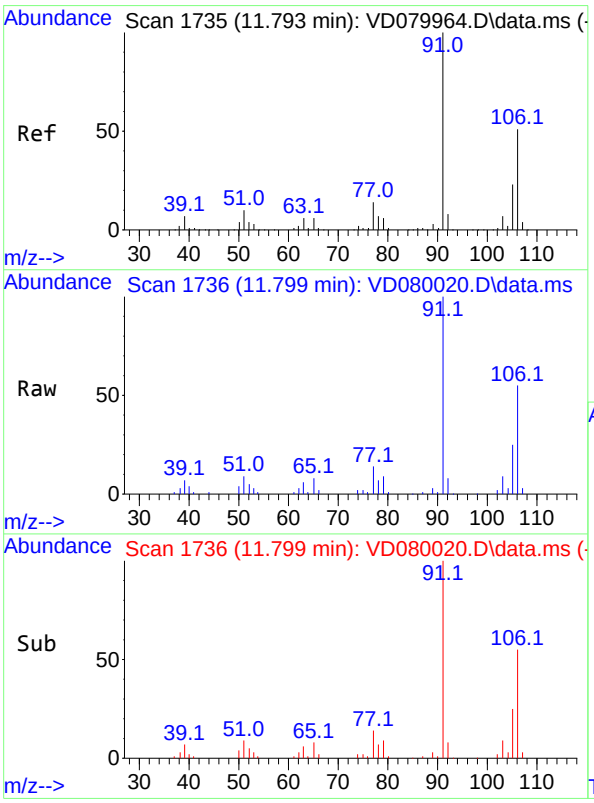
#67
Ethyl Benzene
Concen: 4.753 ug/l
RT: 11.687 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 47656

Ion	Ratio	Lower	Upper
91	100		
106	33.4	23.6	35.4

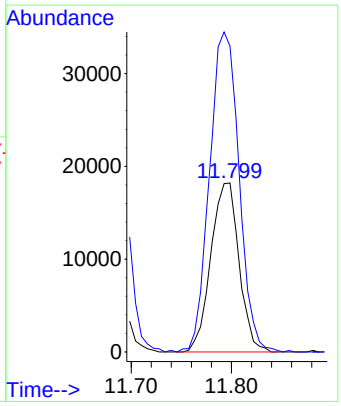


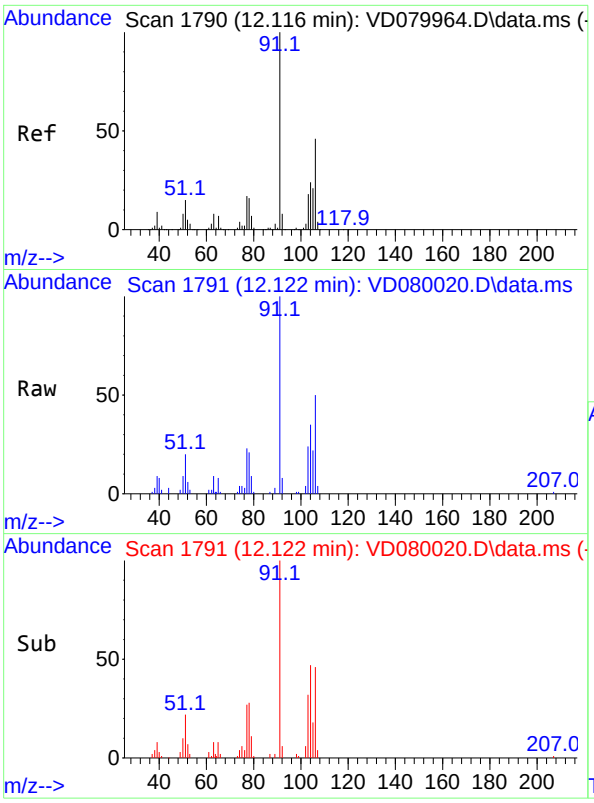


#68
m/p-Xylenes
Concen: 9.047 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:106 Resp: 35452

Ion	Ratio	Lower	Upper
106	100		
91	198.4	162.6	244.0



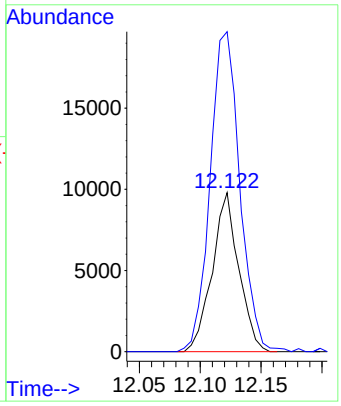


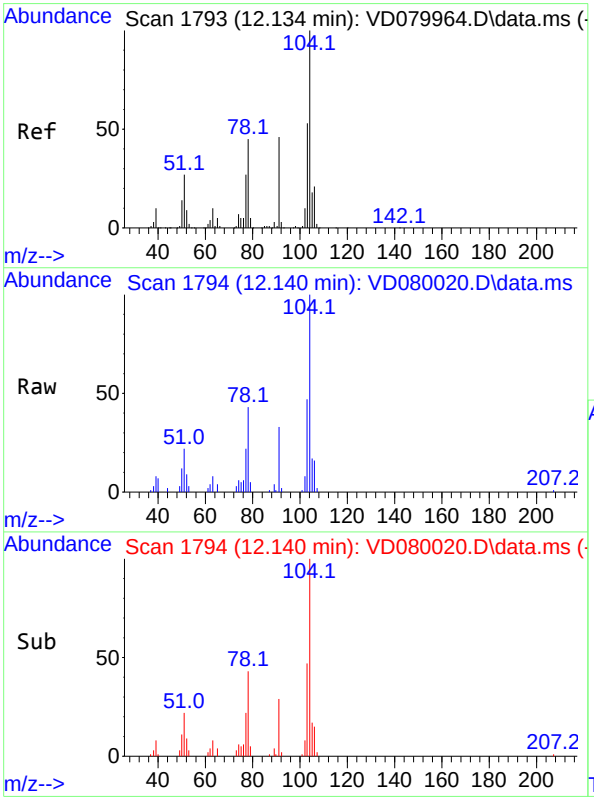
#69
o-Xylene
Concen: 4.218 ug/l
RT: 12.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 14859

Ion	Ratio	Lower	Upper
106	100		
91	225.3	110.5	331.5

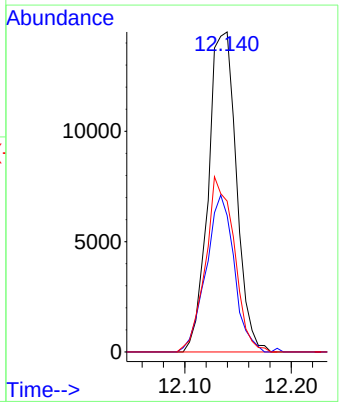


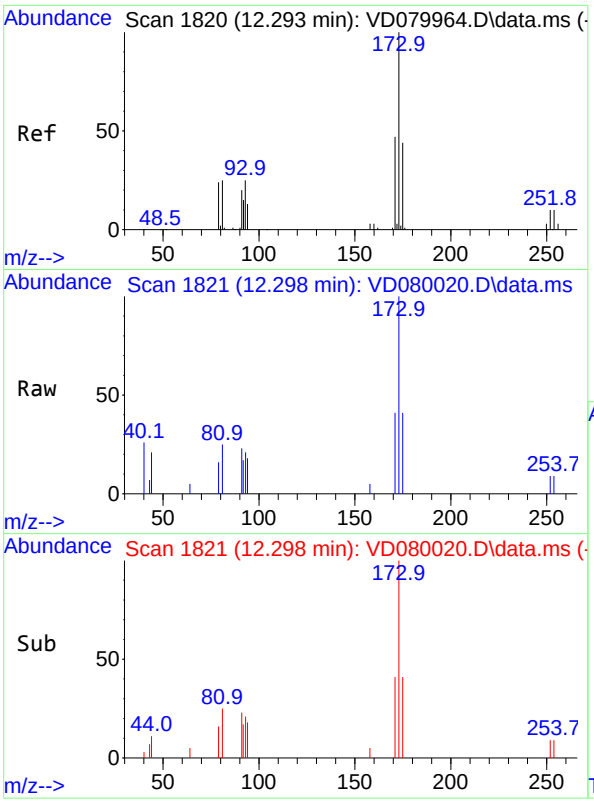


#70
Styrene
Concen: 4.224 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:104 Resp: 26554

Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.8	59.8
103	55.8	45.2	67.8



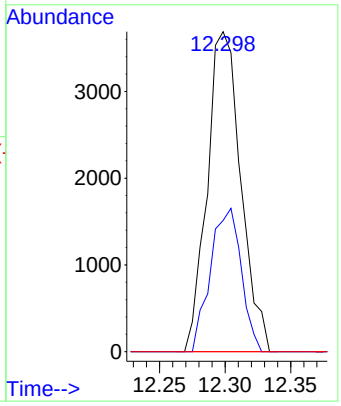


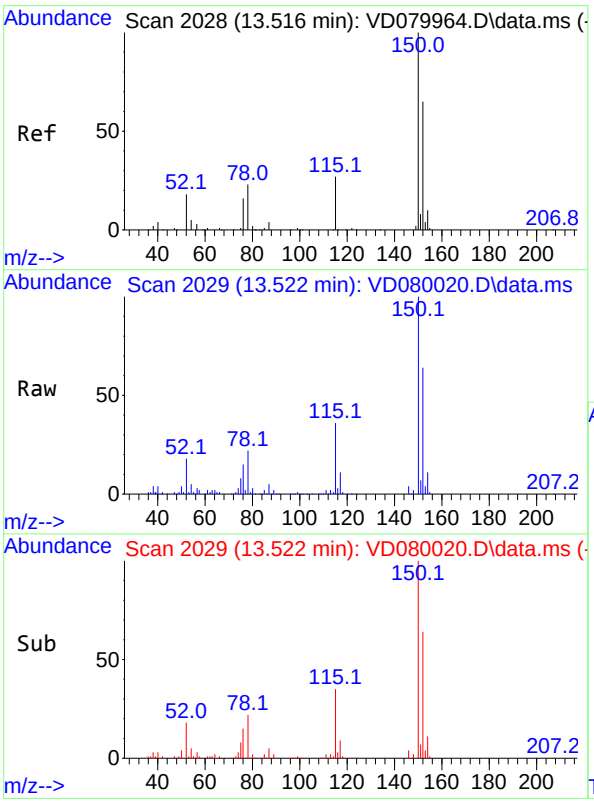
#71
Bromoform
Concen: 5.362 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 6576

Ion	Ratio	Lower	Upper
173	100		
175	41.0	24.8	74.3
254	0.0	0.0	0.0

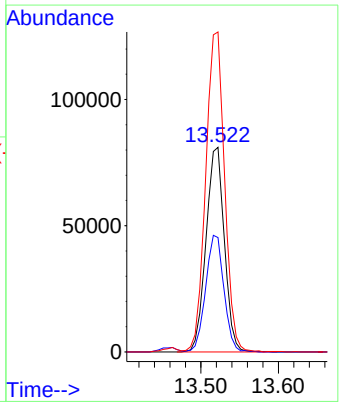


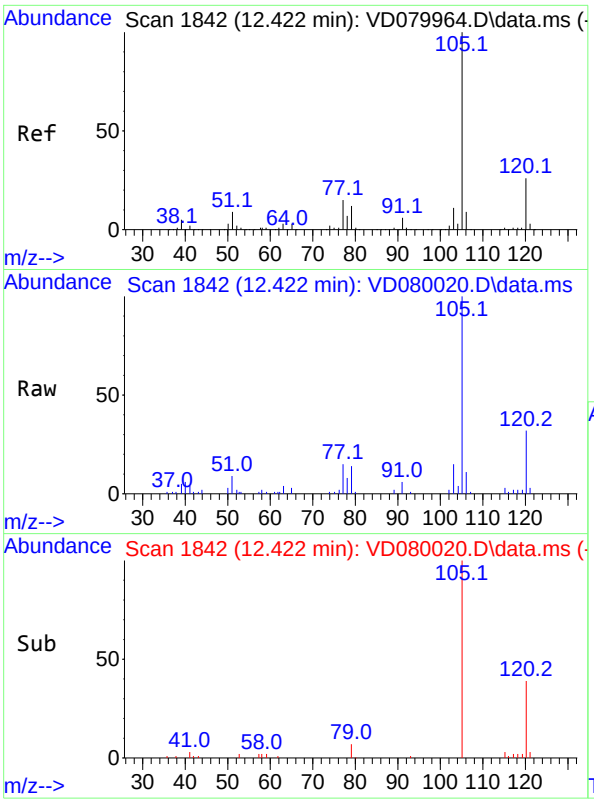


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:152 Resp: 133328

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.9	86.8
150	160.8	0.0	354.8



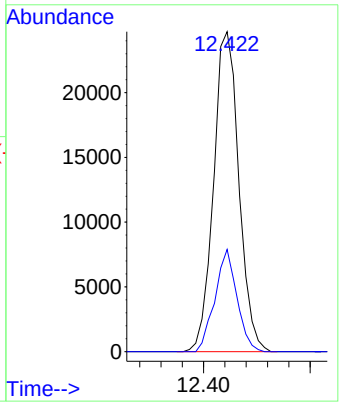


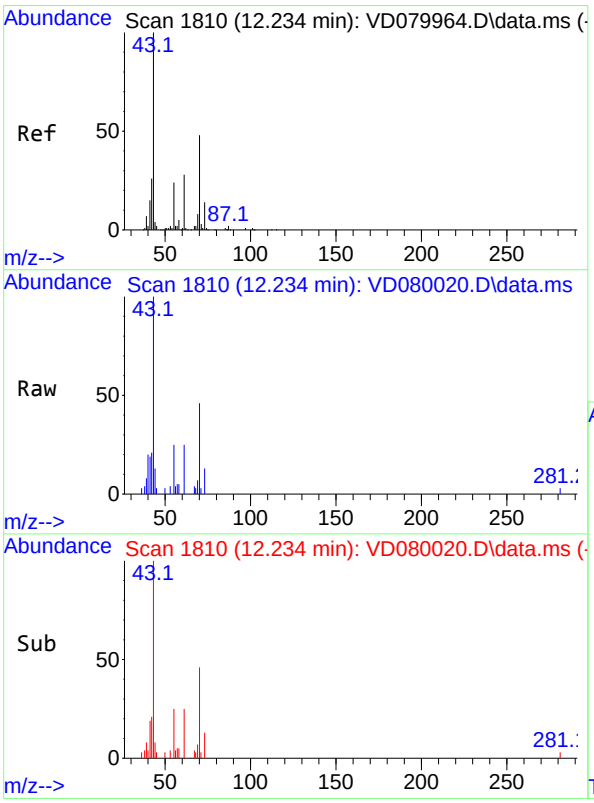
#73
Isopropylbenzene
Concen: 4.722 ug/l
RT: 12.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 40600

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.3	39.9

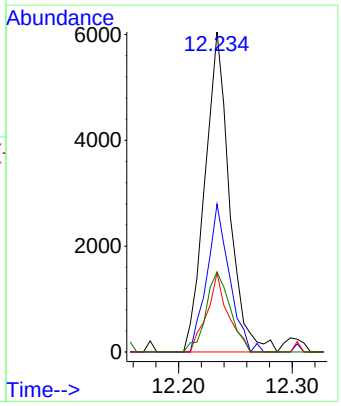


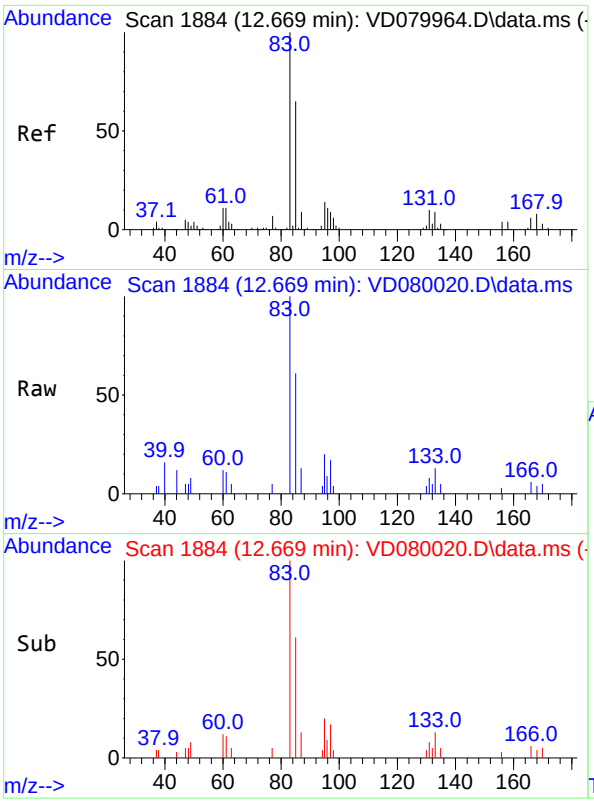


#74
N-amyl acetate
Concen: 4.776 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 43 Resp: 9048

Ion	Ratio	Lower	Upper
43	100		
70	42.5	36.3	54.5
55	21.3	20.3	30.5
61	24.7	19.7	29.5



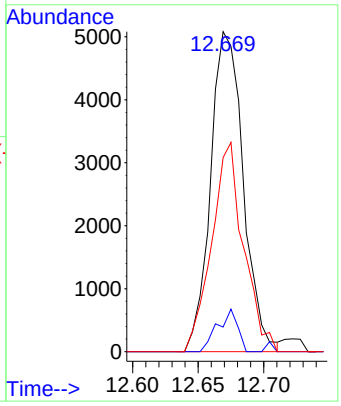


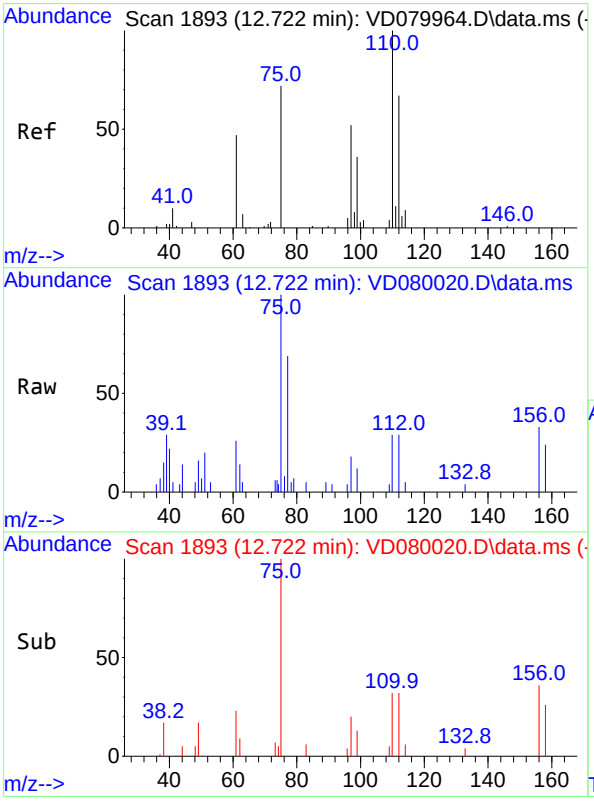
#75
1,1,2,2-Tetrachloroethane
Concen: 5.335 ug/l
RT: 12.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 8815

Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.1	15.3
85	63.7	32.9	98.6

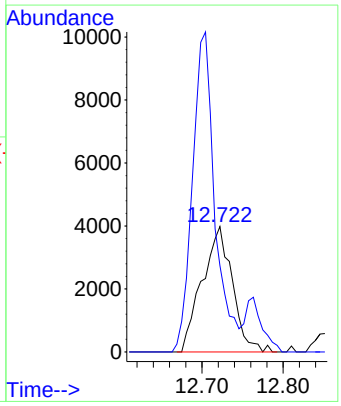


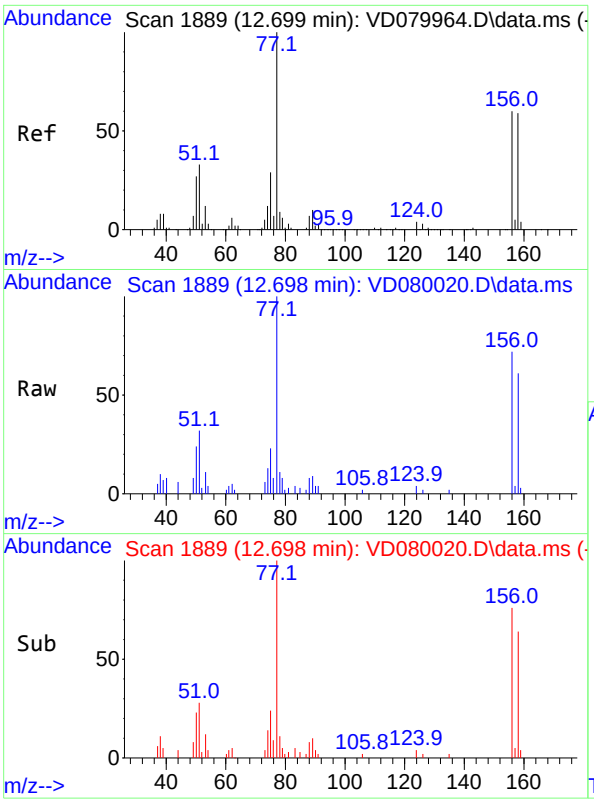


#76
1,2,3-Trichloropropane
Concen: 5.056 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 75 Resp: 10329

Ion	Ratio	Lower	Upper
75	100		
77	188.1	0.0	0.0#



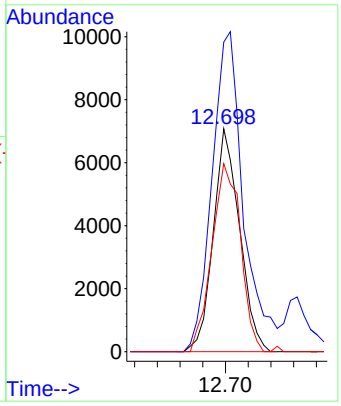


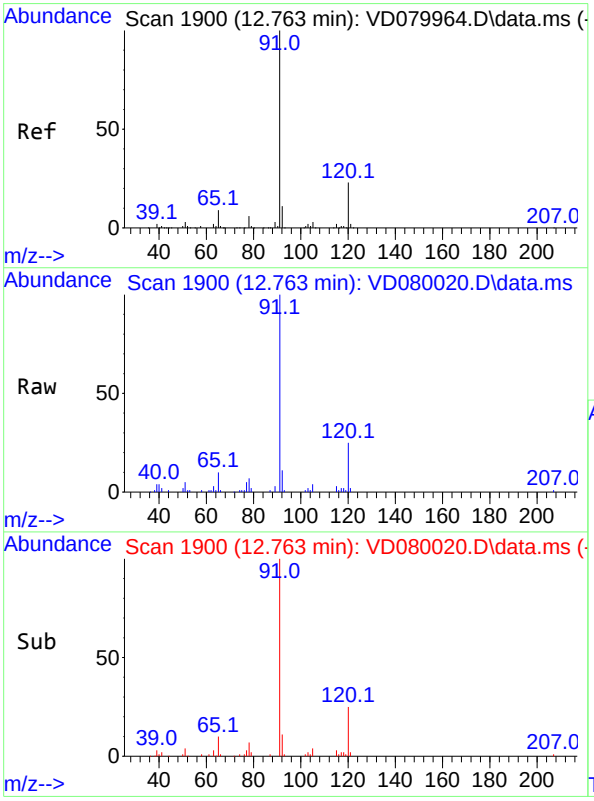
#77
Bromobenzene
Concen: 5.097 ug/l
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 11390

Ion	Ratio	Lower	Upper
156	100		
77	170.6	89.8	269.6
158	91.7	47.9	143.8

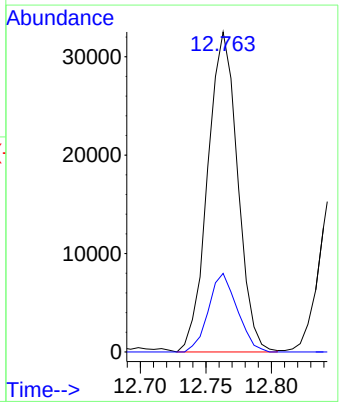


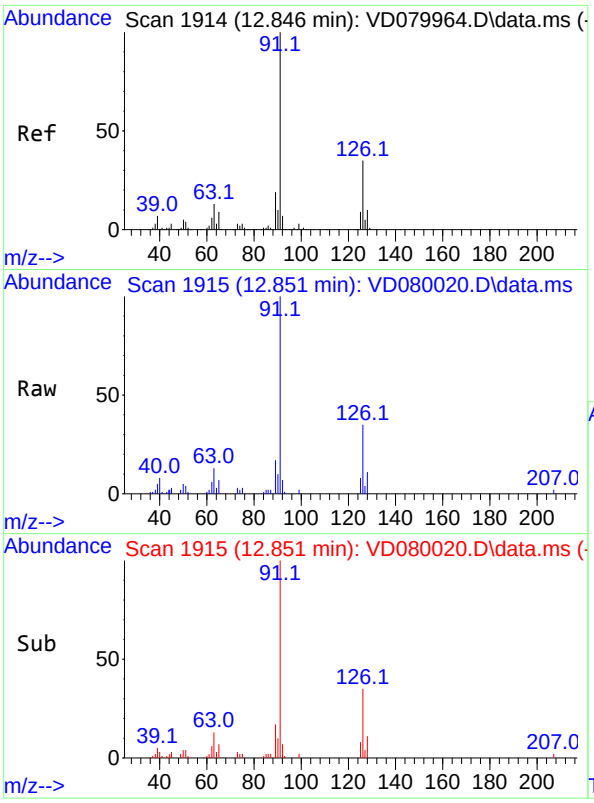


#78
n-propylbenzene
Concen: 4.860 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 91 Resp: 51645

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.2	33.5



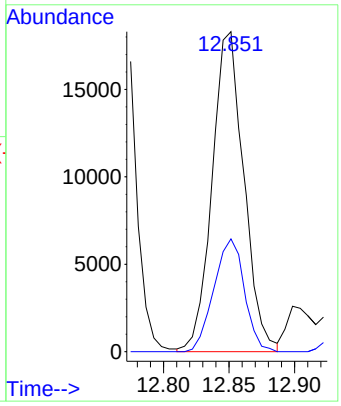


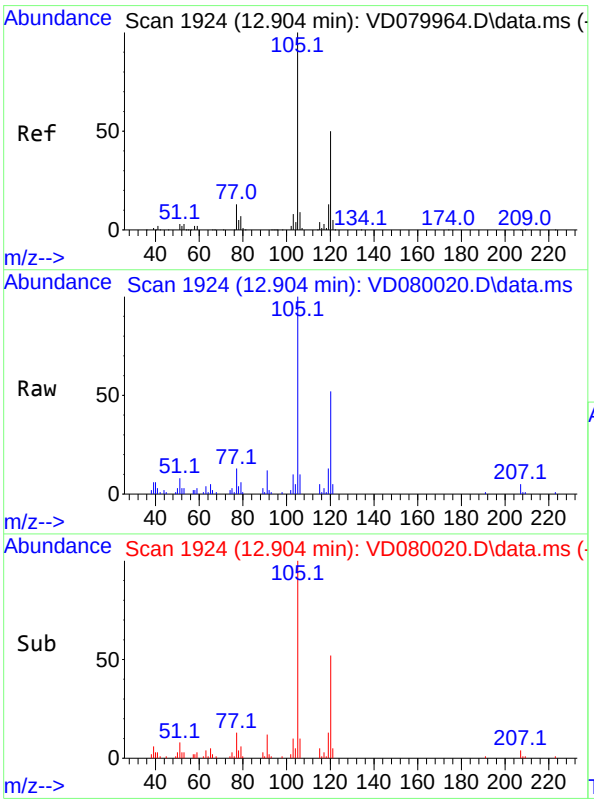
#79
2-Chlorotoluene
Concen: 4.941 ug/l
RT: 12.851 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 30791

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.2	51.5

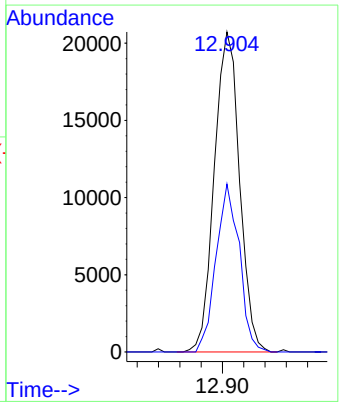


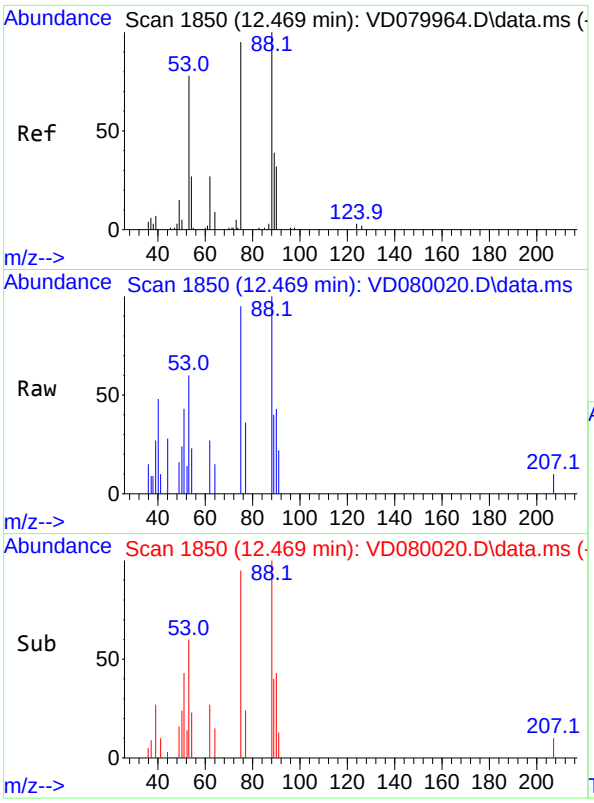


#80
1,3,5-Trimethylbenzene
Concen: 4.681 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:105 Resp: 34062

Ion	Ratio	Lower	Upper
105	100		
120	48.4	25.0	75.0



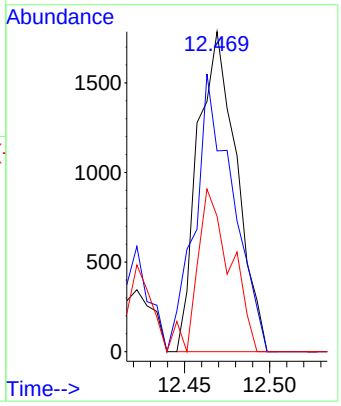


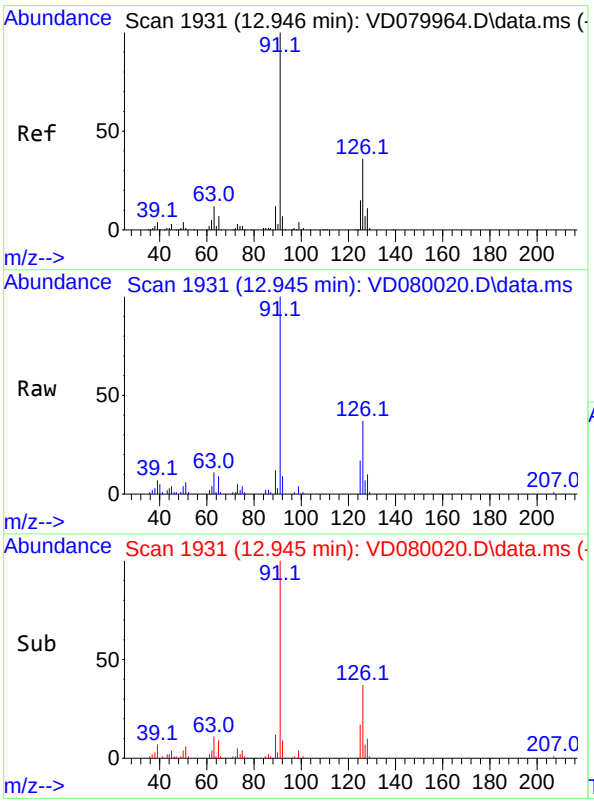
#81
trans-1,4-Dichloro-2-butene
Concen: 4.925 ug/l
RT: 12.469 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2833

Ion	Ratio	Lower	Upper
75	100		
53	84.1	68.7	103.1
89	43.7	36.1	54.1

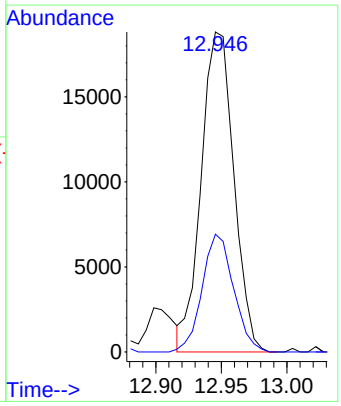


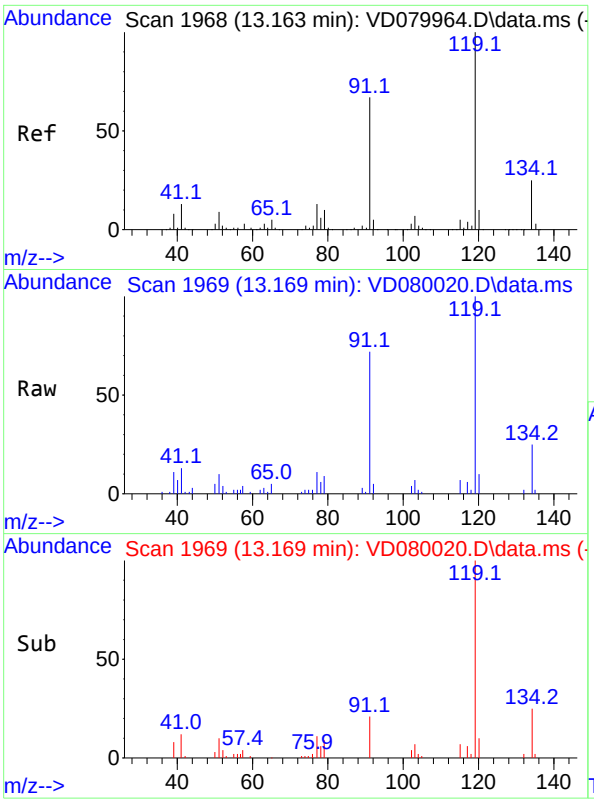


#82
4-Chlorotoluene
Concen: 4.885 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 91 Resp: 32543

Ion	Ratio	Lower	Upper
91	100		
126	35.5	16.8	50.3



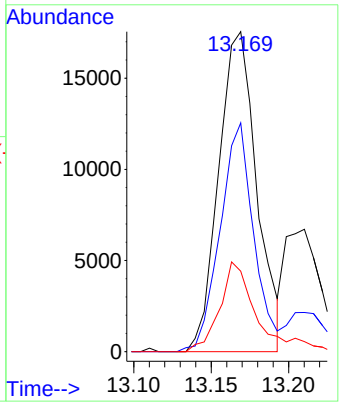


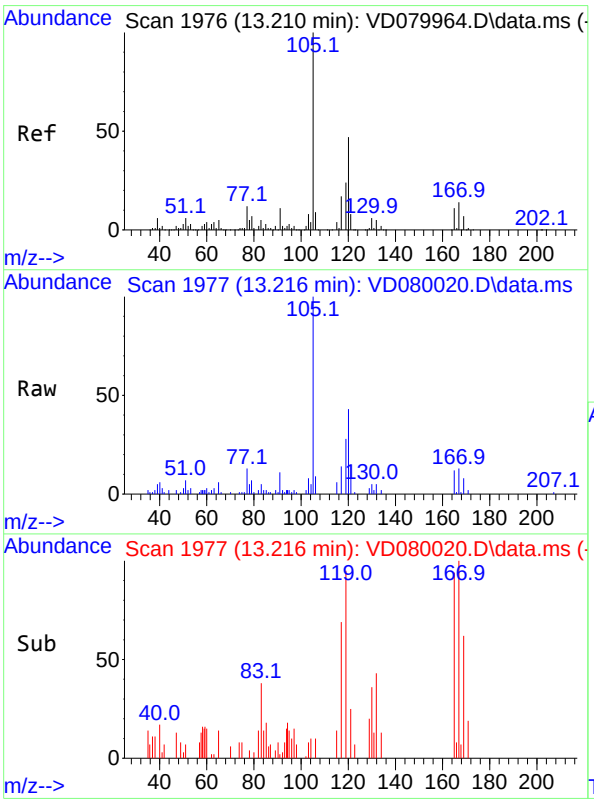
#83
tert-Butylbenzene
Concen: 4.763 ug/l
RT: 13.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 30017

Ion	Ratio	Lower	Upper
119	100		
91	63.0	33.3	99.9
134	27.2	13.5	40.5

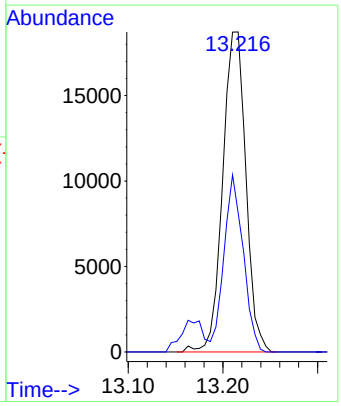


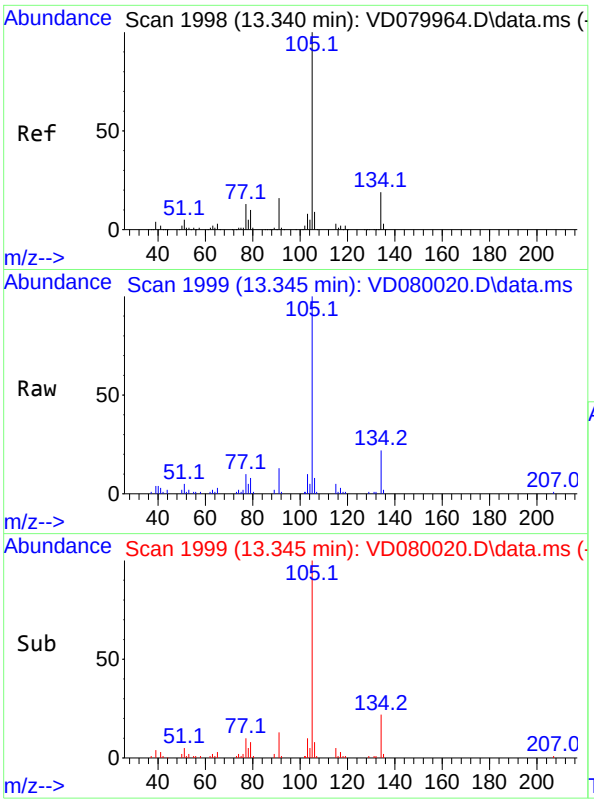


#84
1,2,4-Trimethylbenzene
Concen: 4.352 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:105 Resp: 31817

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.4



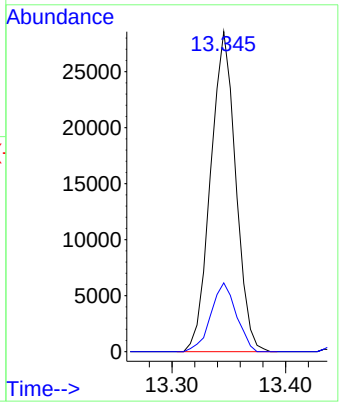


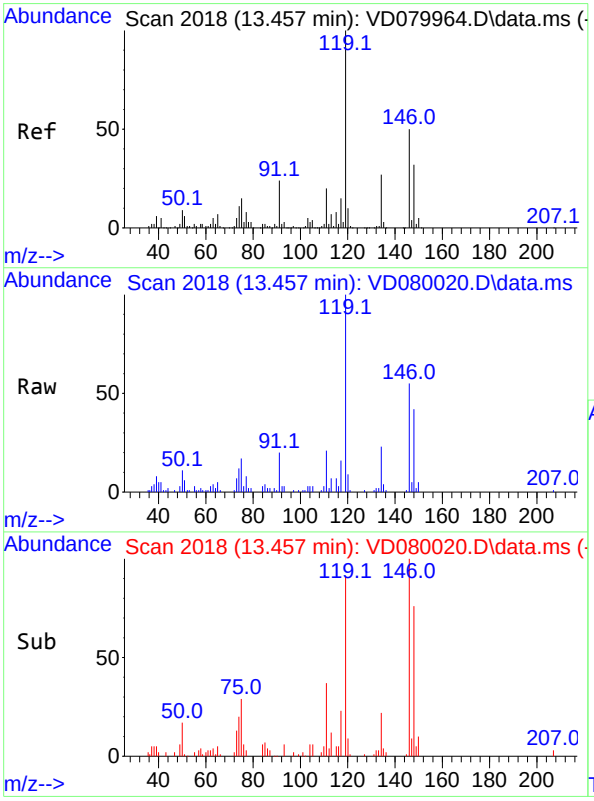
#85
sec-Butylbenzene
Concen: 4.712 ug/l
RT: 13.345 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 43895

Ion	Ratio	Lower	Upper
105	100		
134	21.8	9.8	29.3

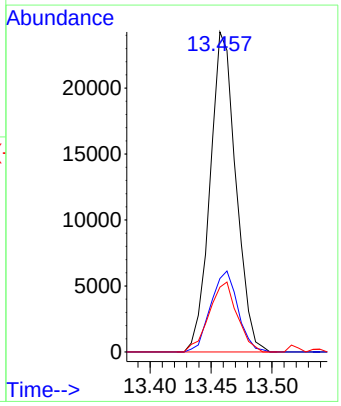


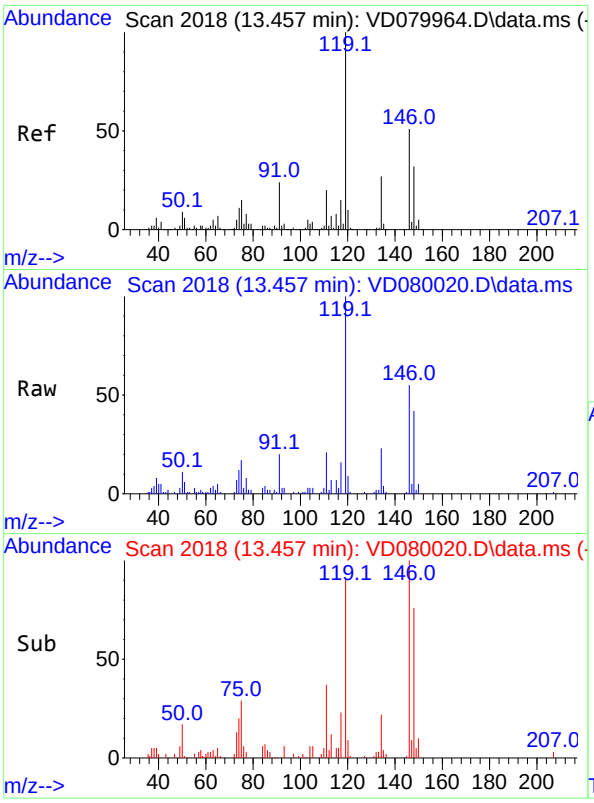


#86
p-Isopropyltoluene
Concen: 4.538 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:119 Resp: 35736

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.1
91	23.7	12.2	36.4



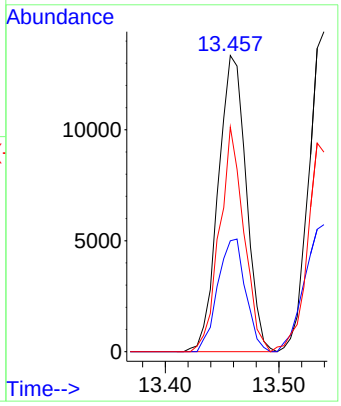


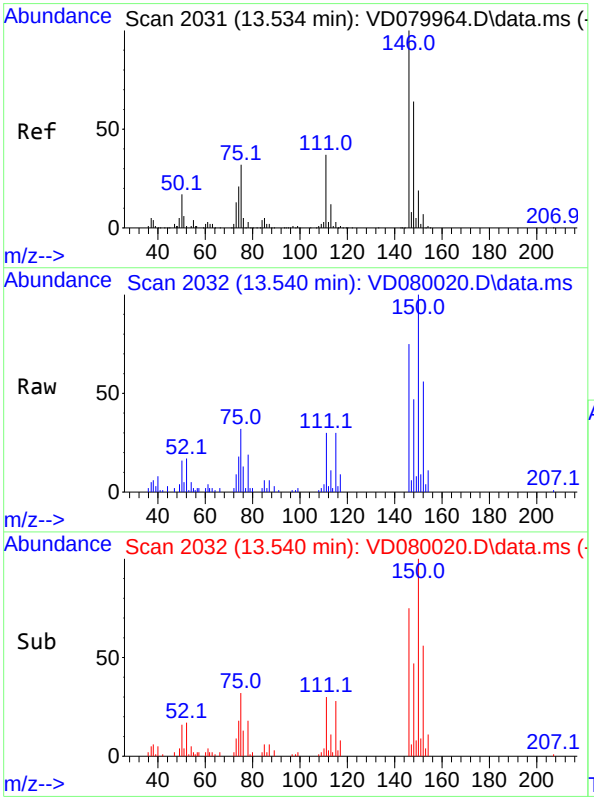
#87
1,3-Dichlorobenzene
Concen: 5.042 ug/l
RT: 13.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 22815

Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.0	59.9
148	66.3	31.9	95.7

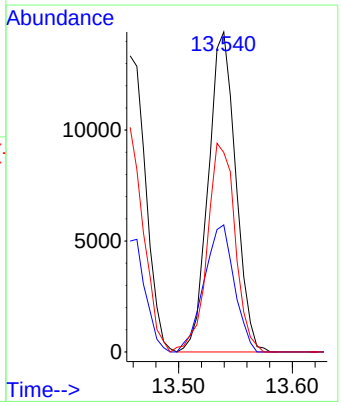


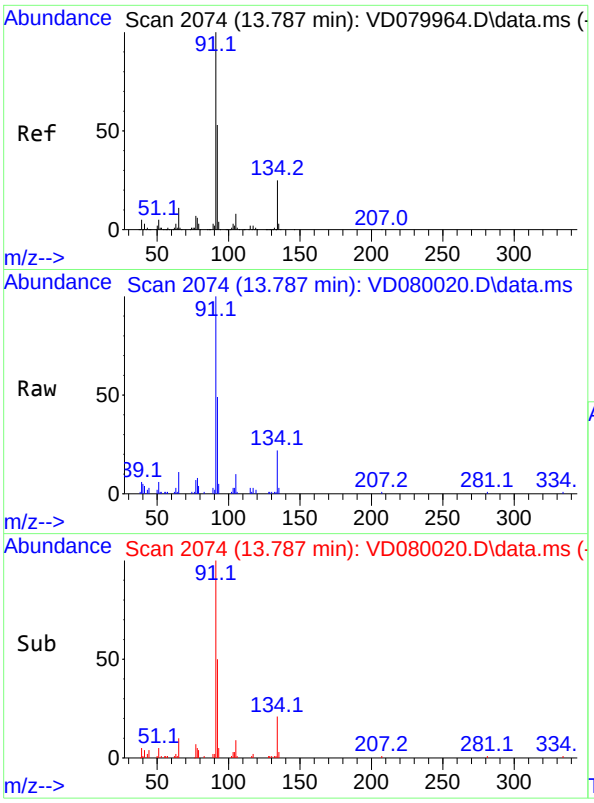


#88
1,4-Dichlorobenzene
Concen: 5.307 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:146 Resp: 24118

Ion	Ratio	Lower	Upper
146	100		
111	43.8	19.3	57.8
148	66.3	32.9	98.7



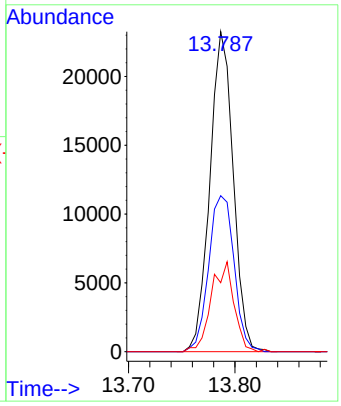


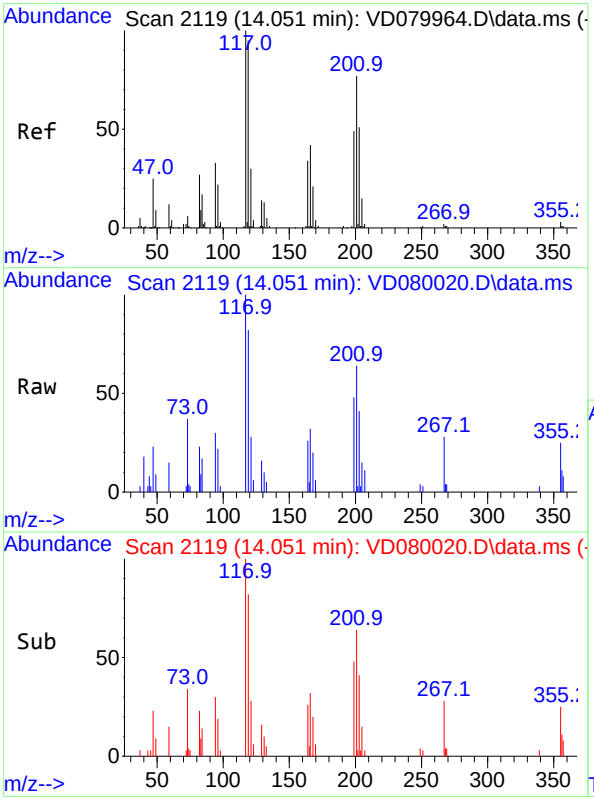
#89
n-Butylbenzene
Concen: 4.779 ug/l
RT: 13.787 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 35402

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.3	78.9
134	27.5	12.3	36.8

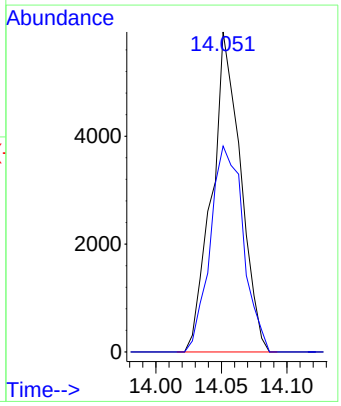


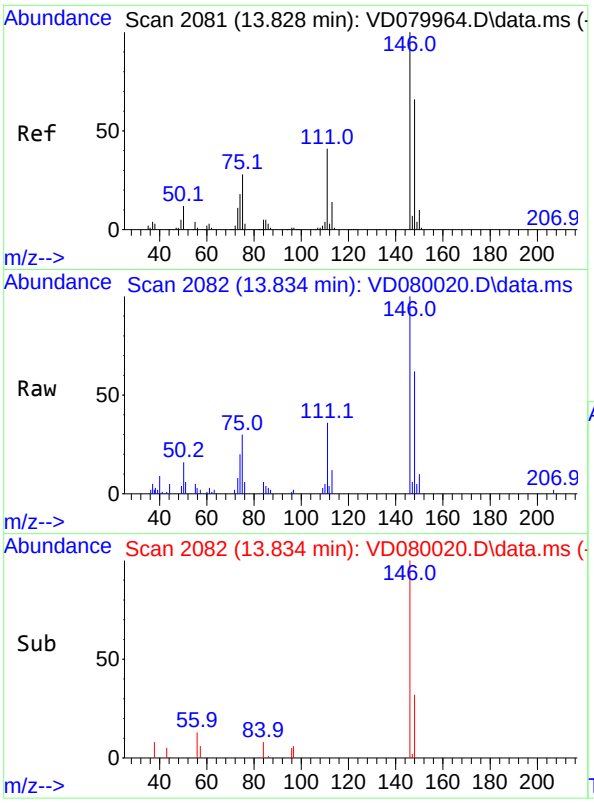


#90
Hexachloroethane
Concen: 5.357 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:117 Resp: 9043

Ion	Ratio	Lower	Upper
117	100		
201	73.9	37.5	112.5



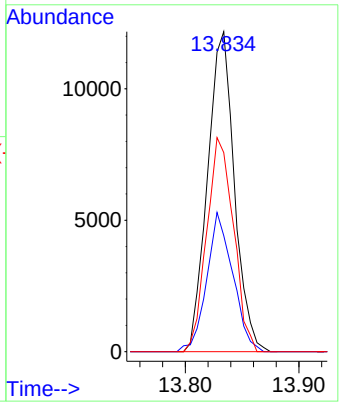


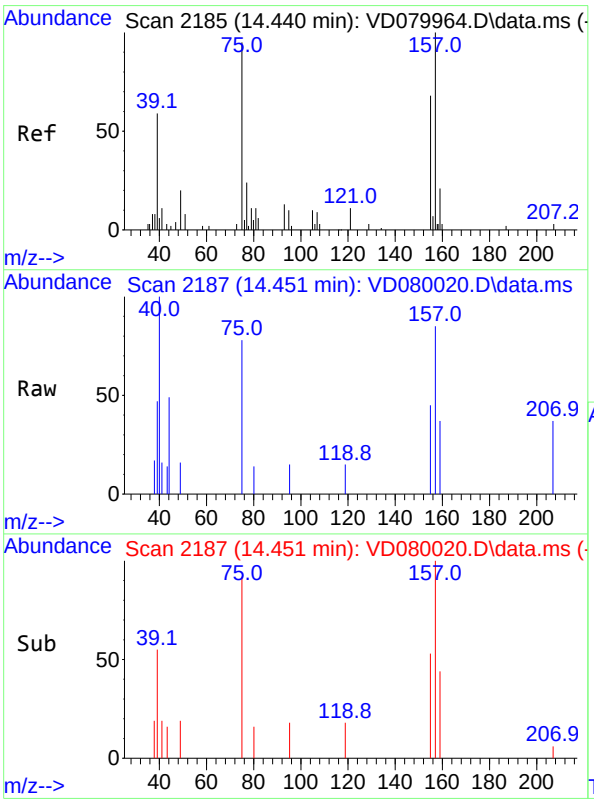
#91
1,2-Dichlorobenzene
Concen: 5.070 ug/l
RT: 13.834 min Scan# 2
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 20003

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.8
148	66.9	32.7	98.1

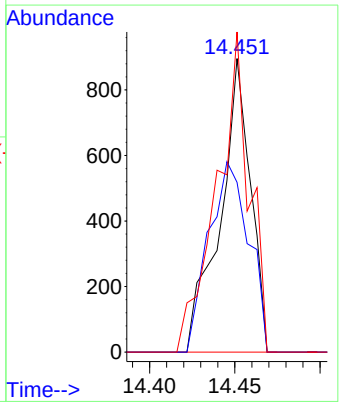


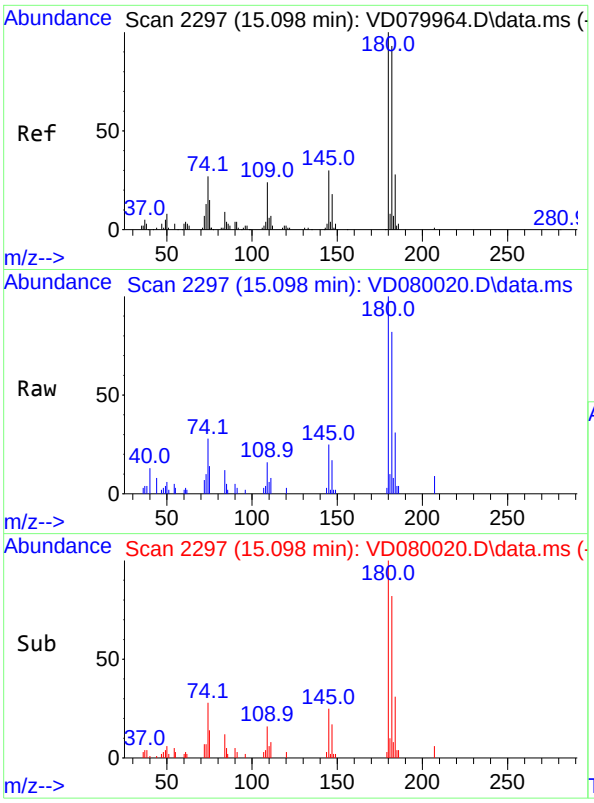


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.454 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion: 75 Resp: 1113

Ion	Ratio	Lower	Upper
75	100		
155	85.2	40.6	122.0
157	115.8	53.3	159.9



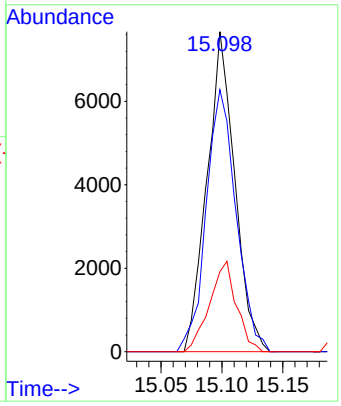


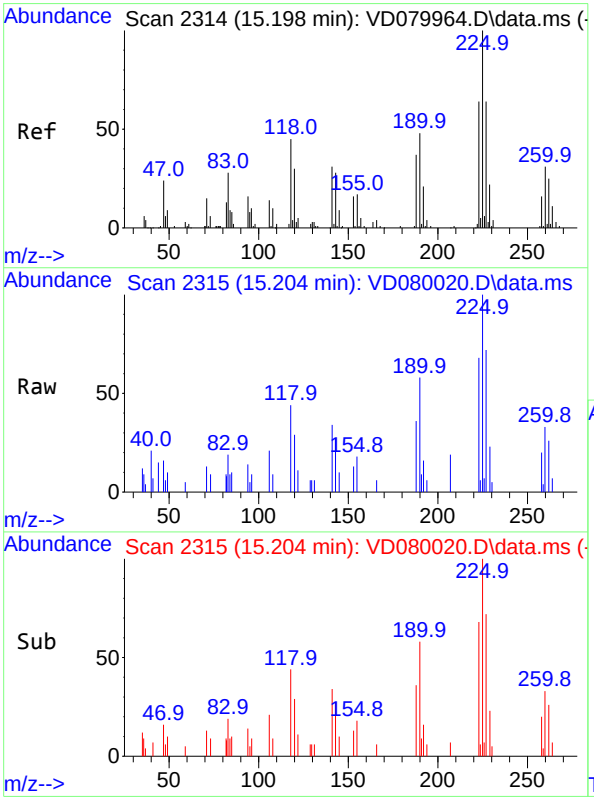
#93
1,2,4-Trichlorobenzene
Concen: 4.919 ug/l
RT: 15.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 12171

Ion	Ratio	Lower	Upper
180	100		
182	88.3	47.4	142.2
145	27.3	14.7	44.1

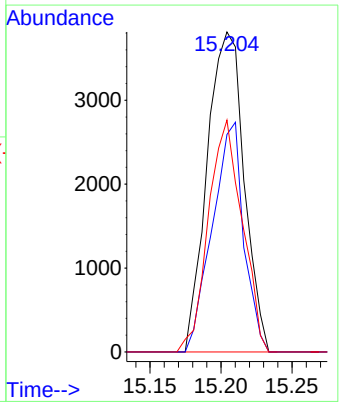


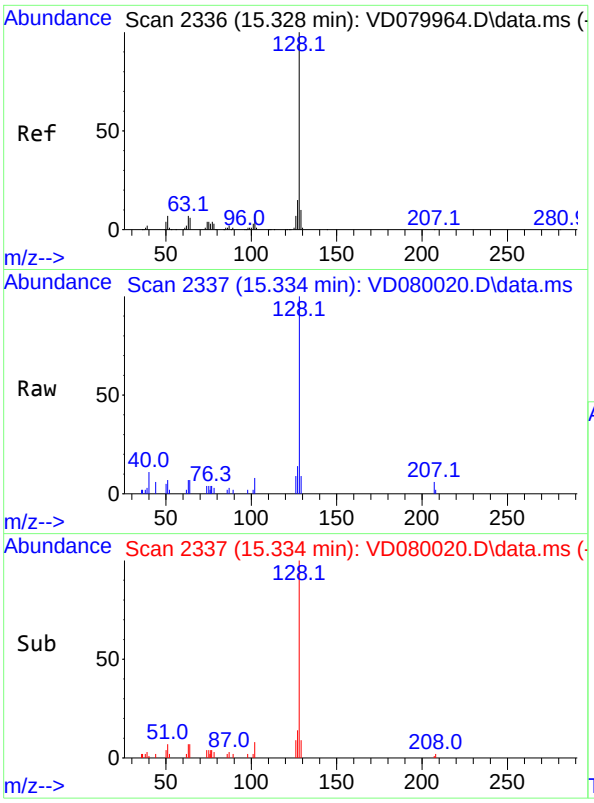


#94
Hexachlorobutadiene
Concen: 5.167 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:225 Resp: 6909

Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.5	94.5
227	66.4	30.9	92.5



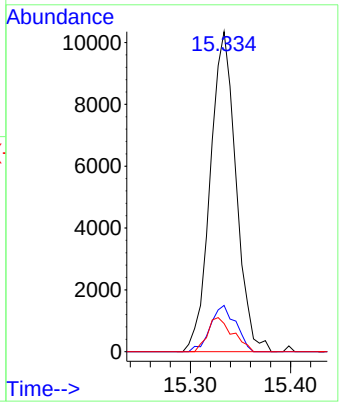


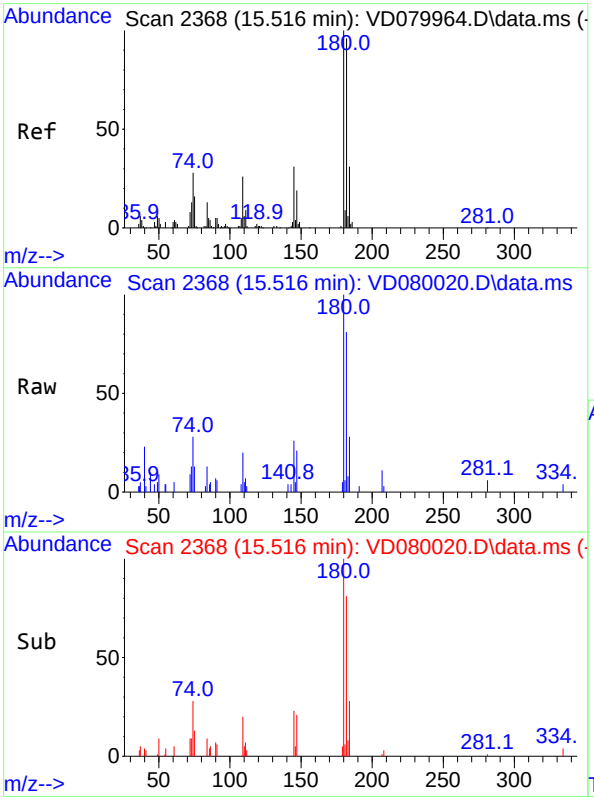
#95
Naphthalene
Concen: 4.394 ug/l
RT: 15.334 min Scan# 2
Delta R.T. 0.006 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Instrument :
MSVOA_D
ClientSampleId :

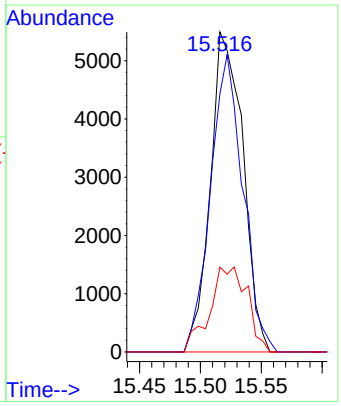
Tgt Ion:128 Resp: 18467

Ion	Ratio	Lower	Upper
128	100		
127	14.5	11.8	17.8
129	8.8	8.3	12.5





#96
1,2,3-Trichlorobenzene
Concen: 4.700 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD080020.D
Acq: 15 Nov 2024 10:04

Tgt Ion:180 Resp: 10212

Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.5	142.6
145	30.6	15.7	47.0