Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
Data File : VD071885.D
Acq On : 03 Feb 2022 10:28
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 04 00:49:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	415566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	705534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	324232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266152	50.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.340%			
35) Dibromofluoromethane	7.909	113	236365	50.966	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.940%			
50) Toluene-d8	10.332	98	868039	50.117	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.626	95	305864	50.569	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	229664	46.604	ug/l	97
3) Chloromethane	2.209	50	283759	48.095	ug/l	96
4) Vinyl Chloride	2.350	62	308160	49.889	ug/l	100
5) Bromomethane	2.768	94	187116	45.912	ug/l	98
6) Chloroethane	2.921	64	198588	50.732	ug/l	100
7) Trichlorofluoromethane	3.268	101	428822	48.442	ug/l	99
8) Diethyl Ether	3.709	74	117226	50.188	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	242901	48.637	ug/l	99
10) Methyl Iodide	4.297	142	243085	47.479	ug/l	98
11) Tert butyl alcohol	5.220	59	71448	224.016	ug/l	95
12) 1,1-Dichloroethene	4.068	96	228337	50.013	ug/l	95
13) Acrolein	3.921	56	116004	248.653	ug/l	99
14) Allyl chloride	4.715	41	450063	51.716	ug/l	99
15) Acrylonitrile	5.415	53	311323	262.251	ug/l	98
16) Acetone	4.150	43	433698	301.633	ug/l	100
17) Carbon Disulfide	4.409	76	752960	47.298	ug/l	99
18) Methyl Acetate	4.715	43	145377	46.764	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	594385	54.420	ug/l	99
20) Methylene Chloride	4.956	84	262398	49.998	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	269327	50.673	ug/l	93
22) Diisopropyl ether	6.356	45	933520	54.730	ug/l	98
23) Vinyl Acetate	6.297	43	2663591	283.075	ug/l	99
24) 1,1-Dichloroethane	6.262	63	515605	51.863	ug/l	98
25) 2-Butanone	7.209	43	475189	283.493	ug/l	99
26) 2,2-Dichloropropane	7.203	77	428384	52.070	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	296652	51.966	ug/l	99
28) Bromochloromethane	7.544	49	175580	46.824	ug/l	99
29) Tetrahydrofuran	7.556	42	268162	270.384	ug/l	99
30) Chloroform	7.703	83	522477	51.441	ug/l	96
31) Cyclohexane	7.979	56	476144	47.483	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	457625	51.082	ug/l	98
36) 1,1-Dichloropropene	8.109	75	395509	49.688	ug/l	99
37) Ethyl Acetate	7.285	43	196031	52.970	ug/l	98
38) Carbon Tetrachloride	8.097	117	396746	50.401	ug/l	99
39) Methylcyclohexane	9.350	83	453055	49.122	ug/l	98
40) Benzene	8.344	78	1094433	50.936	ug/l	99

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Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 04 00:49:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.520	41	100328	47.920 ug/l #	88
42) 1,2-Dichloroethane	8.420	62	349632	51.531 ug/l	99
43) Isopropyl Acetate	8.444	43	357456	53.741 ug/l	100
44) Trichloroethene	9.108	130	272704	49.155 ug/l	97
45) 1,2-Dichloropropane	9.379	63	286262	51.669 ug/l	98
46) Dibromomethane	9.467	93	151238	52.135 ug/l	98
47) Bromodichloromethane	9.656	83	400746	52.235 ug/l	96
48) Methyl methacrylate	9.450	41	185275	52.633 ug/l	99
49) 1,4-Dioxane	9.456	88	34451	1040.470 ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	949633	272.825 ug/l	100
52) Toluene	10.397	92	711515	53.253 ug/l	97
53) t-1,3-Dichloropropene	10.614	75	373267	52.973 ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	429146	51.957 ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	197918	51.407 ug/l	98
56) Ethyl methacrylate	10.655	69	259223	54.381 ug/l	98
57) 1,3-Dichloropropane	10.938	76	360442	52.441 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	583743	260.138 ug/l	99
59) 2-Hexanone	10.979	43	718866	284.548 ug/l	98
60) Dibromochloromethane	11.132	129	250446	52.678 ug/l	100
61) 1,2-Dibromoethane	11.238	107	191763	51.696 ug/l	99
64) Tetrachloroethene	10.867	164	235068	50.233 ug/l	98
65) Chlorobenzene	11.661	112	715905	51.151 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	260967	51.254 ug/l	99
67) Ethyl Benzene	11.738	91	1324818	51.443 ug/l	99
68) m/p-Xylenes	11.844	106	1023855	104.523 ug/l	99
69) o-Xylene	12.173	106	479643	53.882 ug/l	97
70) Styrene	12.185	104	826439	53.862 ug/l	100
71) Bromoform	12.349	173	140822	51.800 ug/l #	99
73) Isopropylbenzene	12.467	105	1264047	50.347 ug/l	100
74) N-amyl acetate	12.279	43	337831	54.715 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	226275	48.702 ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	307988	90.134 ug/l #	100
77) Bromobenzene	12.749	156	277712	49.725 ug/l	97
78) n-propylbenzene	12.814	91	1572179	49.940 ug/l	100
79) 2-Chlorotoluene	12.897	91	889626	49.866 ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1072678	51.510 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	66767	48.043 ug/l	95
82) 4-Chlorotoluene	12.996	91	925969	49.888 ug/l	99
83) tert-Butylbenzene	13.214	119	889831	51.559 ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1059662	51.729 ug/l	100
85) sec-Butylbenzene	13.391	105	1353512	50.121 ug/l	100
86) p-Isopropyltoluene	13.502	119	1136861	51.807 ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	562928	49.637 ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	553604	48.913 ug/l	99
89) n-Butylbenzene	13.832	91	1095917	50.903 ug/l	100
90) Hexachloroethane	14.096	117	215422	49.387 ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	483167	49.785 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	38539	50.085 ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	293635	51.792 ug/l	99
94) Hexachlorobutadiene	15.249	225	155307	50.239 ug/l	98
95) Naphthalene	15.385	128	546943	48.602 ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	250526	51.554 ug/l	99

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
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Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 04 00:49:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
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\VD020322\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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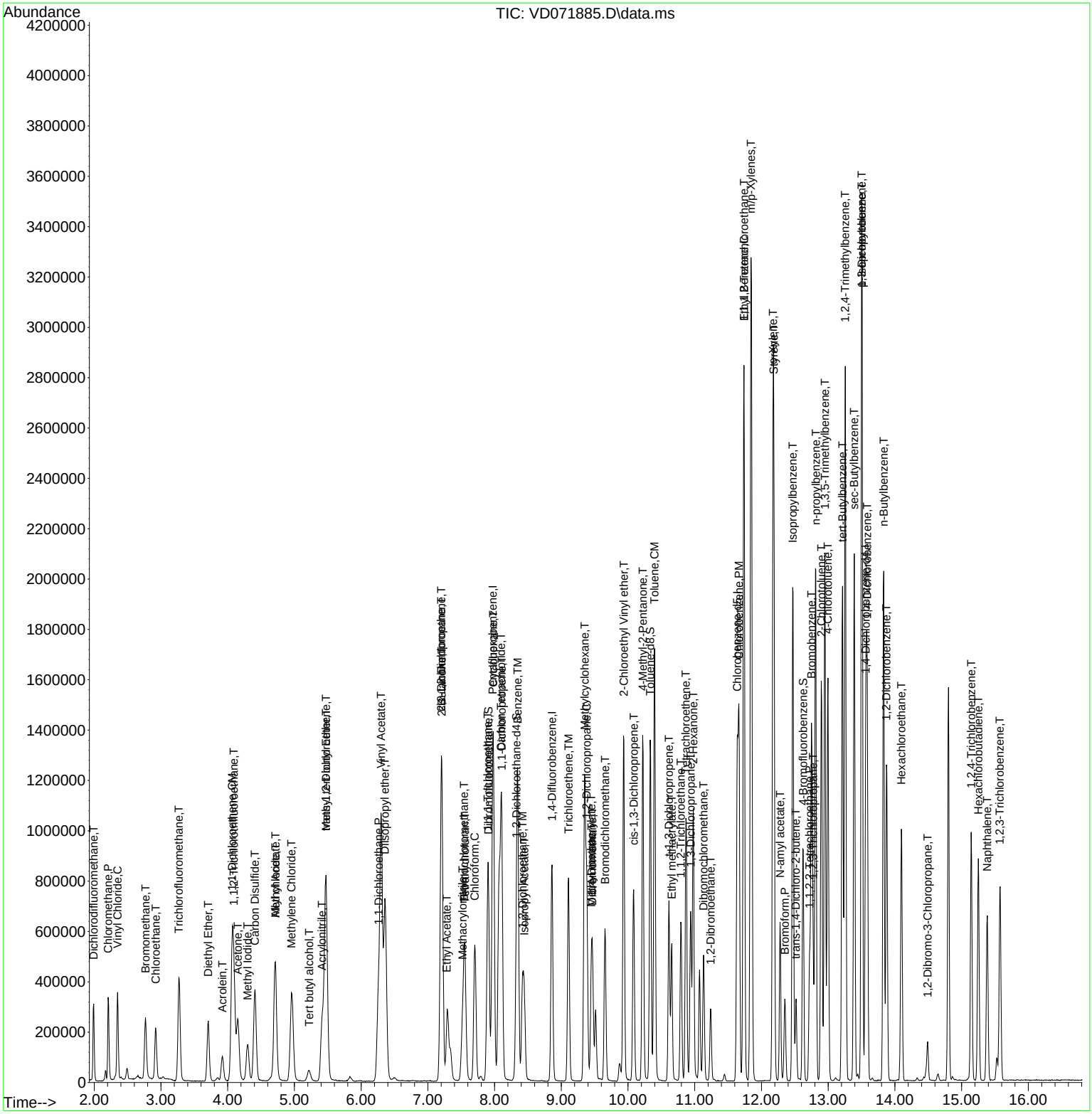
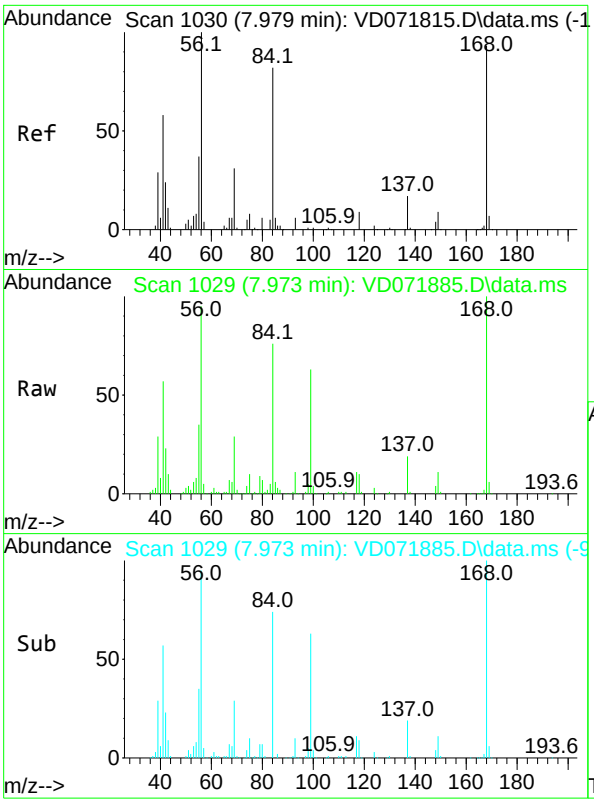
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration



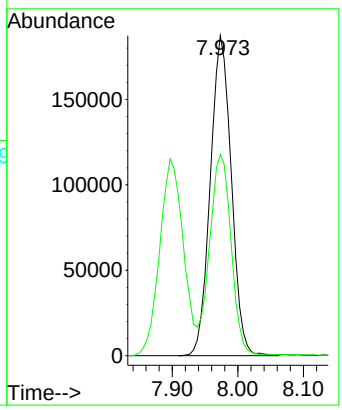


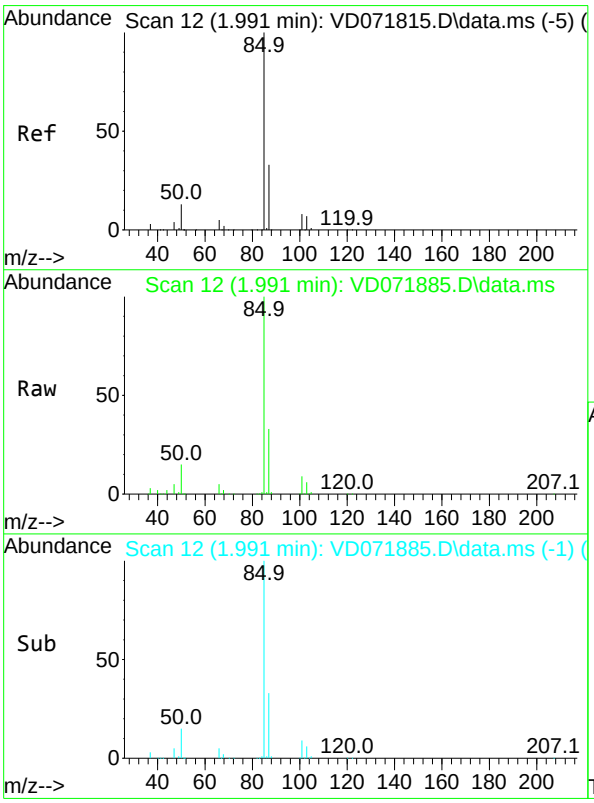
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 415566

Ion	Ratio	Lower	Upper
168	100		
99	62.5	49.8	74.6

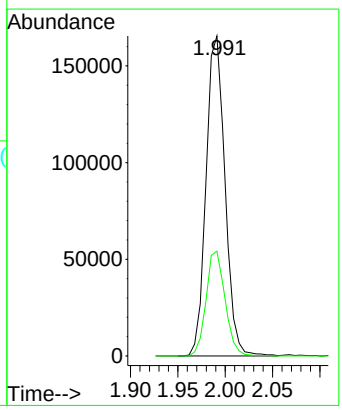


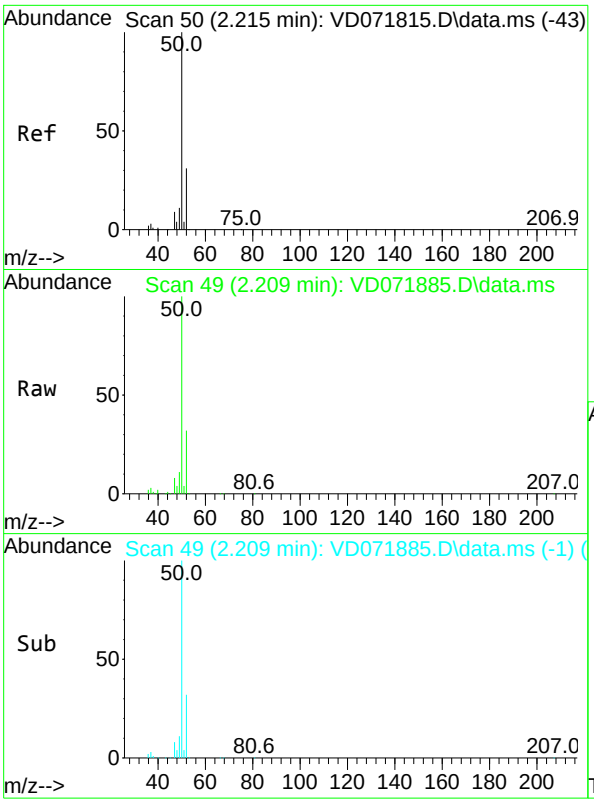


#2
Dichlorodifluoromethane
Concen: 46.604 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 85 Resp: 229664

Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.7	47.0



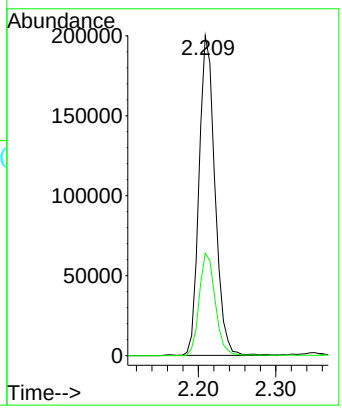


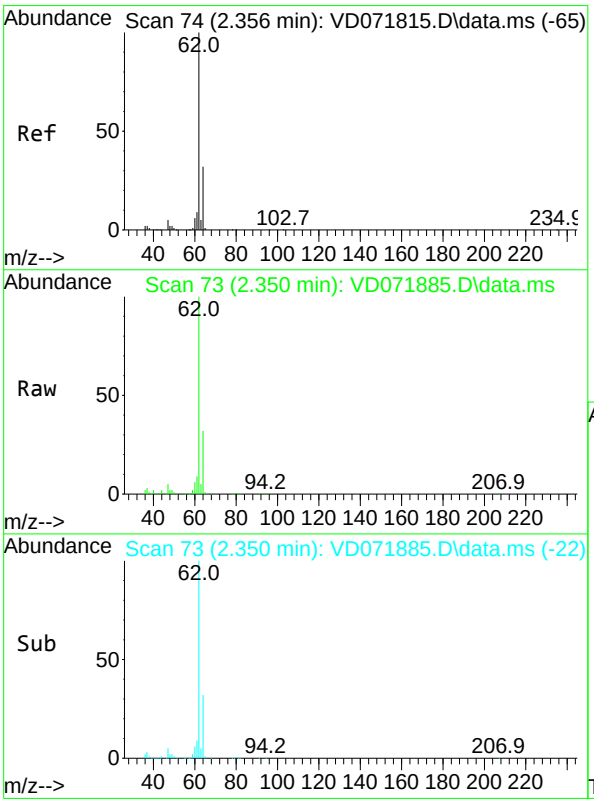
#3
Chloromethane
Concen: 48.095 ug/l
RT: 2.209 min Scan# 4
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 283759

Ion	Ratio	Lower	Upper
50	100		
52	32.0	27.4	41.0

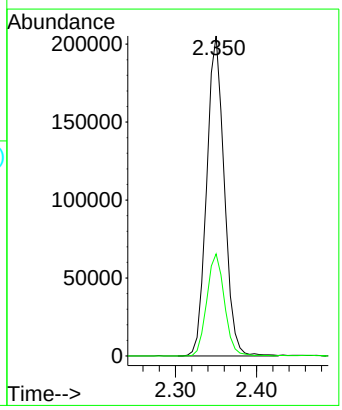


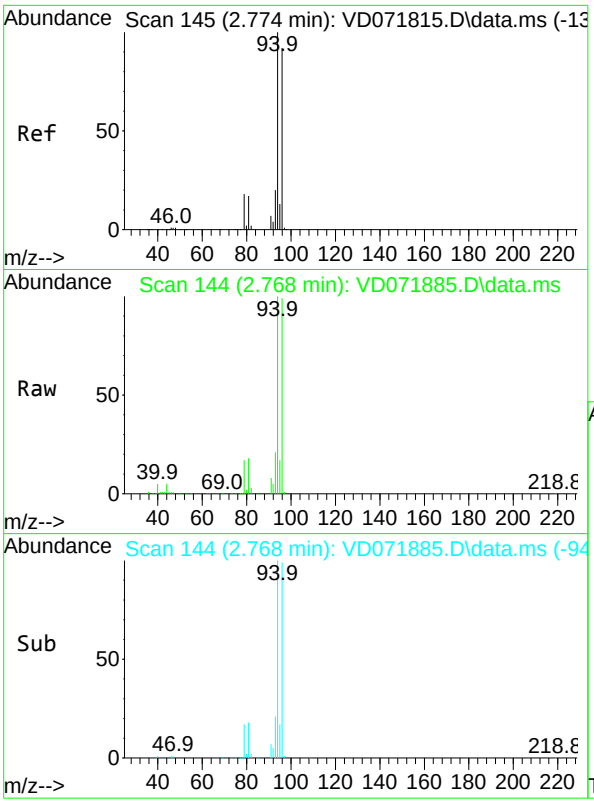


#4
Vinyl Chloride
Concen: 49.889 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 62 Resp: 308160

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.4	38.0



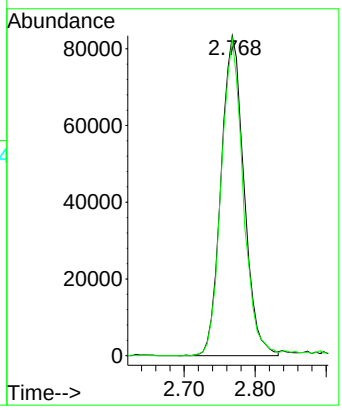


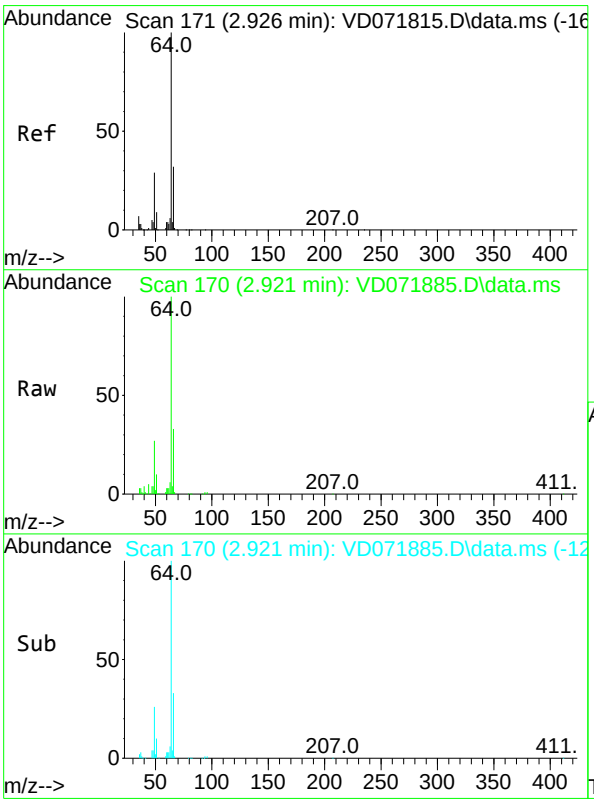
#5
Bromomethane
Concen: 45.912 ug/l
RT: 2.768 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 187116

Ion	Ratio	Lower	Upper
94	100		
96	98.9	77.6	116.4

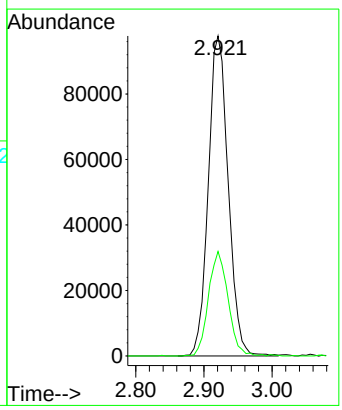


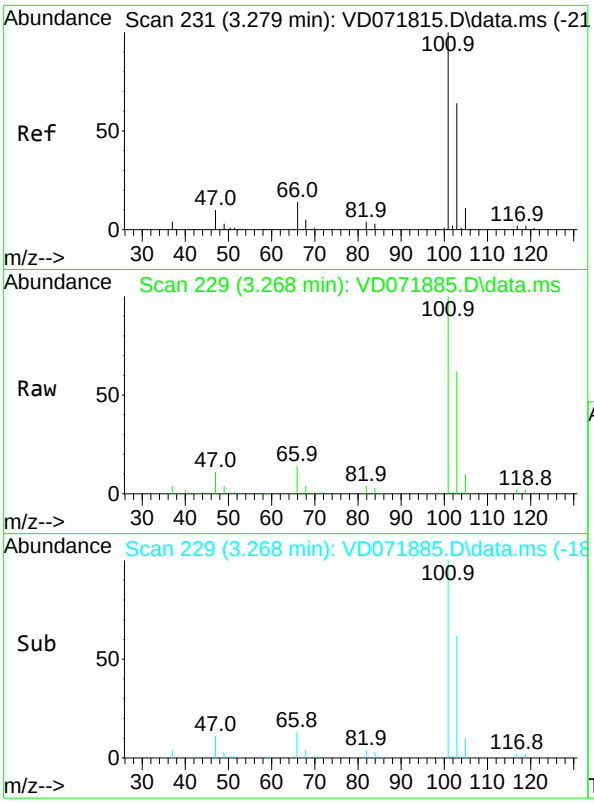


#6
Chloroethane
Concen: 50.732 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 64 Resp: 198588

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.9	38.9



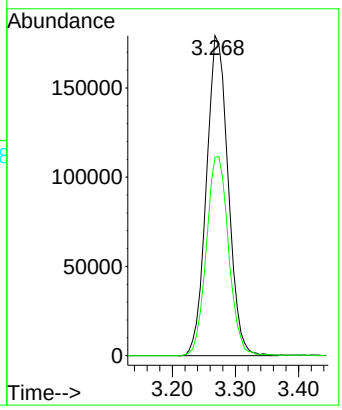


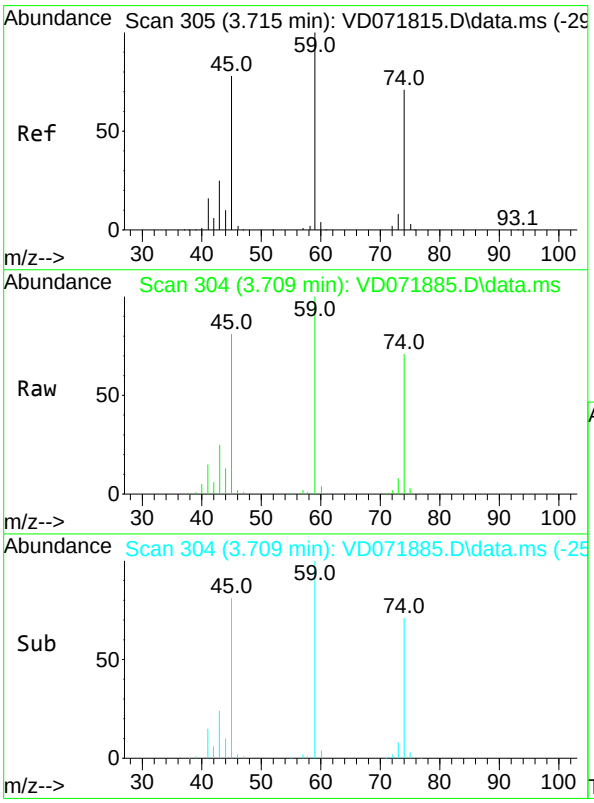
#7
Trichlorofluoromethane
Concen: 48.442 ug/l
RT: 3.268 min Scan# 2
Delta R.T. -0.012 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 428822

Ion	Ratio	Lower	Upper
101	100		
103	62.0	50.1	75.1

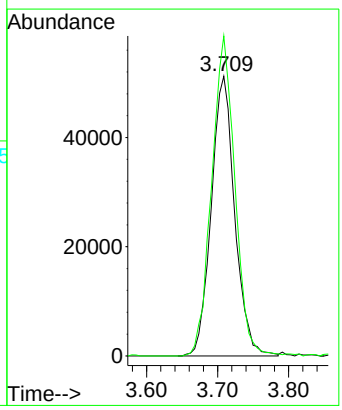


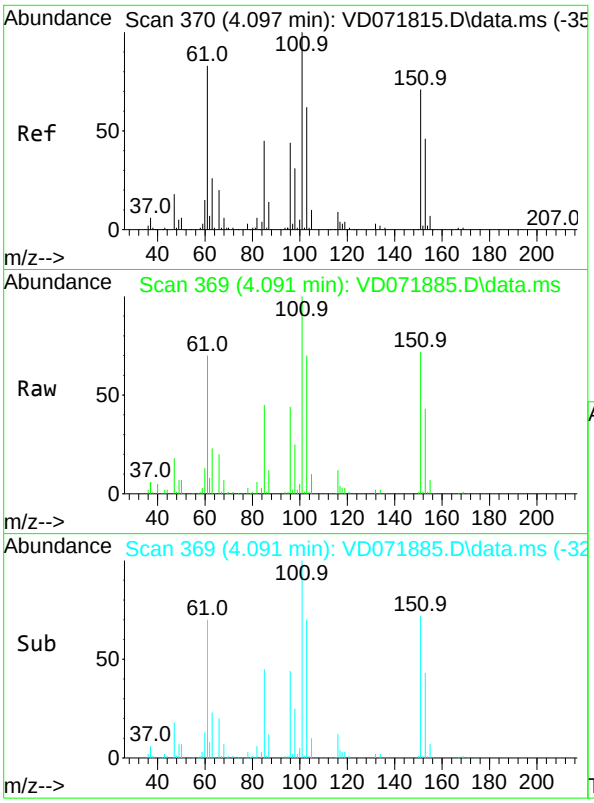


#8
Diethyl Ether
Concen: 50.188 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 74 Resp: 117226

Ion	Ratio	Lower	Upper
74	100		
45	113.6	52.6	157.8



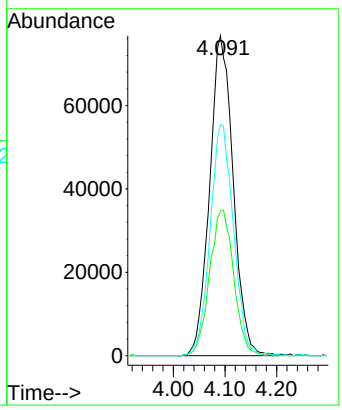


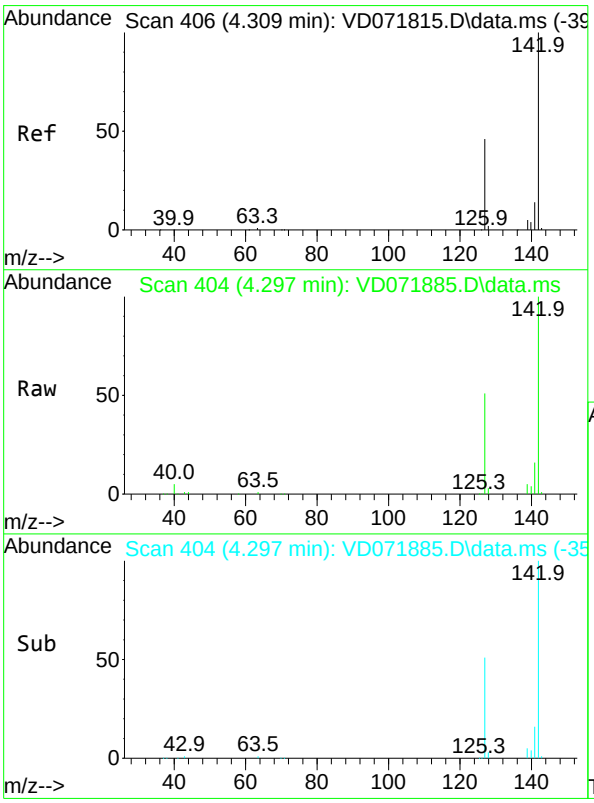
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.637 ug/l
RT: 4.091 min Scan# 3
Delta R.T. -0.012 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 242901

Ion	Ratio	Lower	Upper
101	100		
85	46.6	36.4	54.6
151	71.5	57.3	85.9

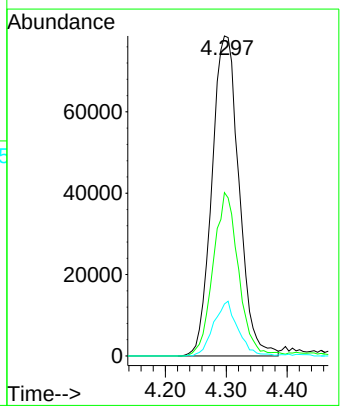


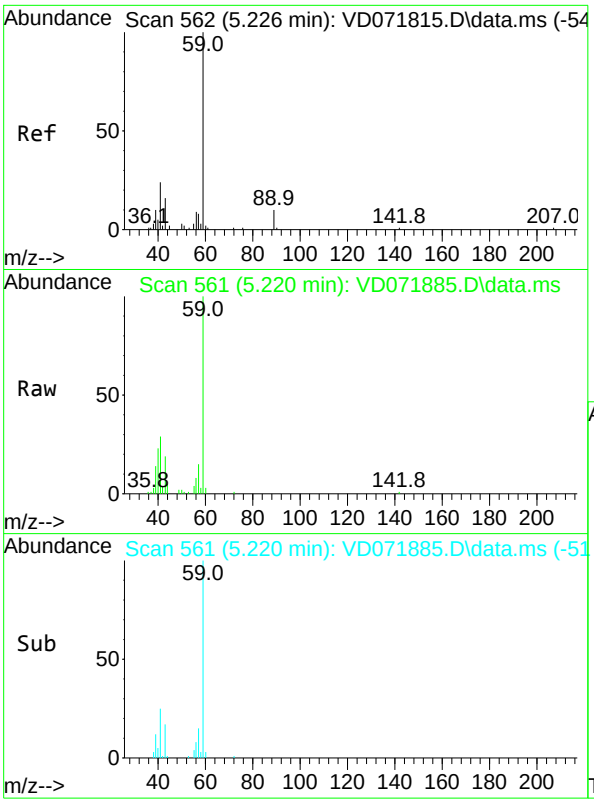


#10
Methyl Iodide
Concen: 47.479 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:142 Resp: 243085

Ion	Ratio	Lower	Upper
142	100		
127	47.9	37.3	55.9
141	15.3	11.7	17.5



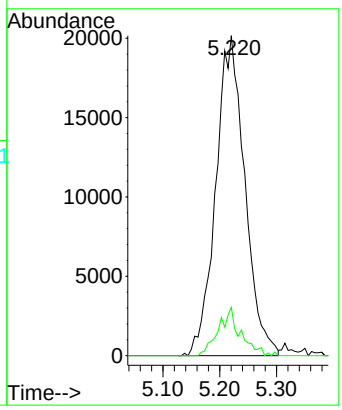


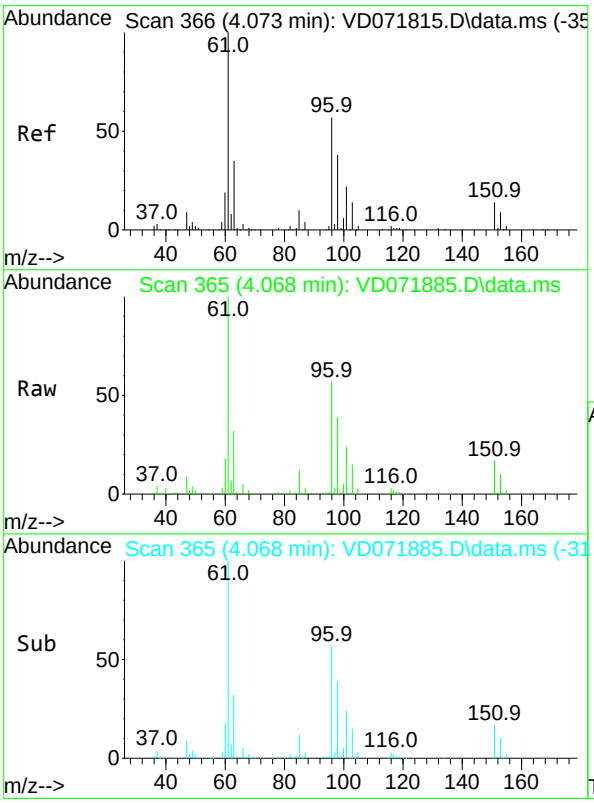
#11
Tert butyl alcohol
Concen: 224.016 ug/l
RT: 5.220 min Scan# 5
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 71448

Ion	Ratio	Lower	Upper
59	100		
57	11.4	7.8	11.6

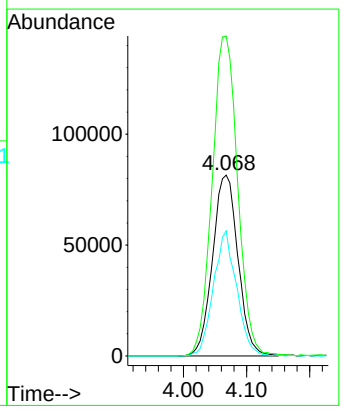


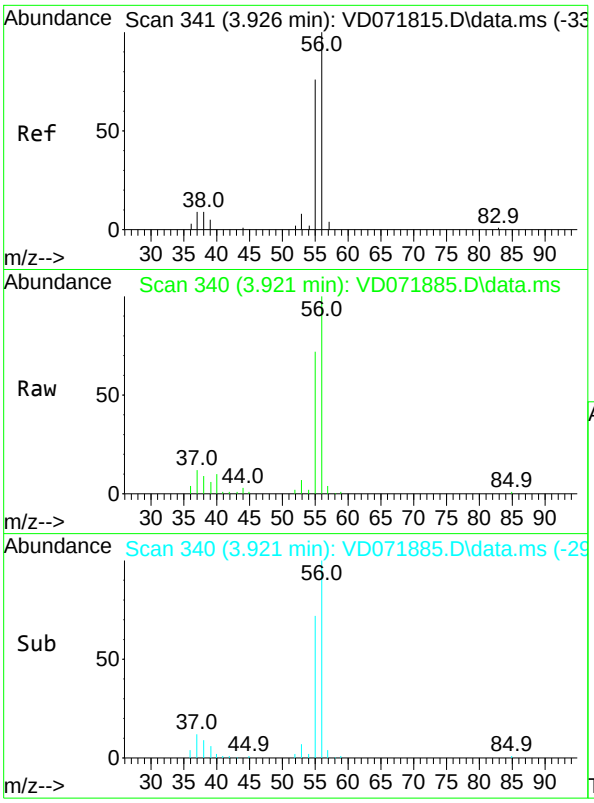


#12
1,1-Dichloroethene
Concen: 50.013 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 96 Resp: 228337

Ion	Ratio	Lower	Upper
96	100		
61	176.9	138.5	207.7
98	69.2	48.6	73.0



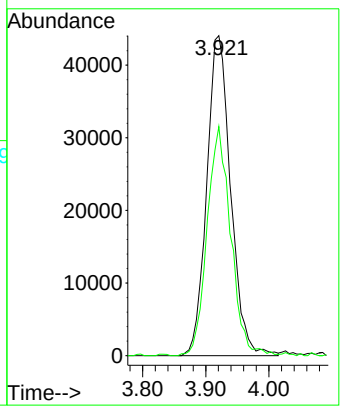


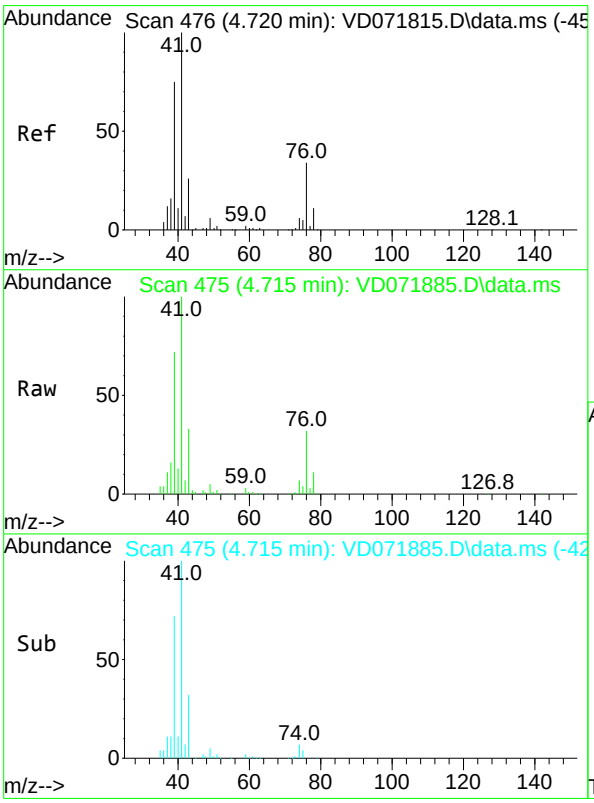
#13
Acrolein
Concen: 248.653 ug/l
RT: 3.921 min Scan# 34
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 116004

Ion	Ratio	Lower	Upper
56	100		
55	70.5	57.1	85.7

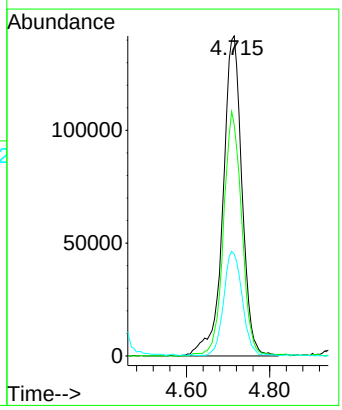


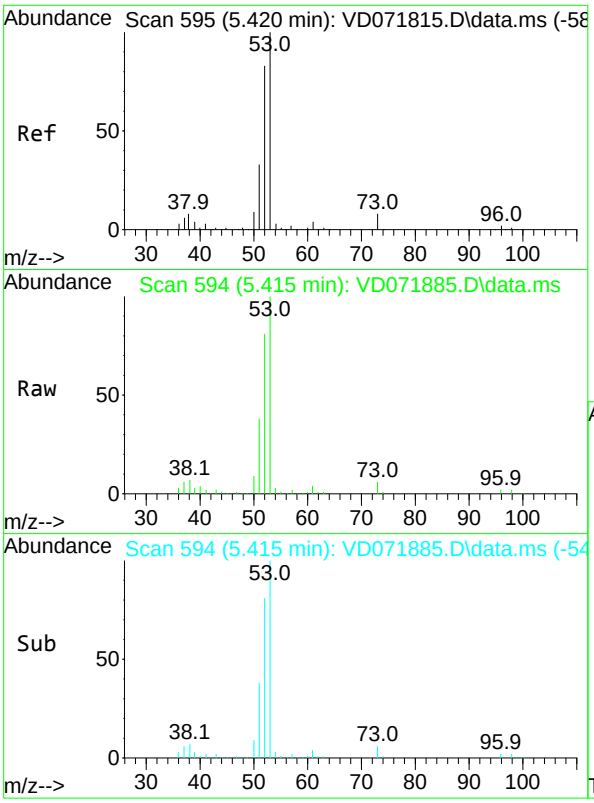


#14
Allyl chloride
Concen: 51.716 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 41 Resp: 450063

Ion	Ratio	Lower	Upper
41	100		
39	73.2	59.3	88.9
76	31.5	25.7	38.5



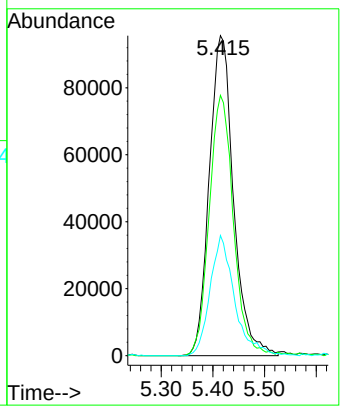


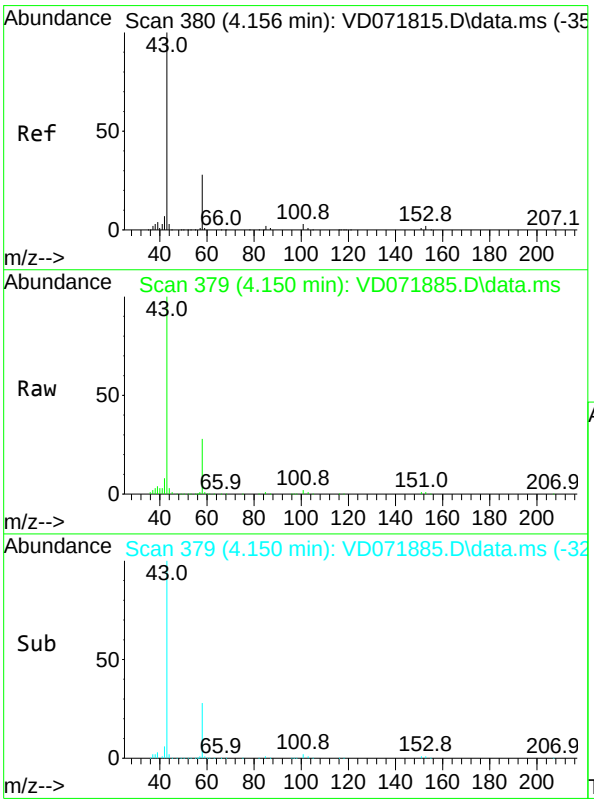
#15
Acrylonitrile
Concen: 262.251 ug/l
RT: 5.415 min Scan# 5
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 53 Resp: 311323

Ion	Ratio	Lower	Upper
53	100		
52	81.0	67.2	100.8
51	38.1	30.3	45.5

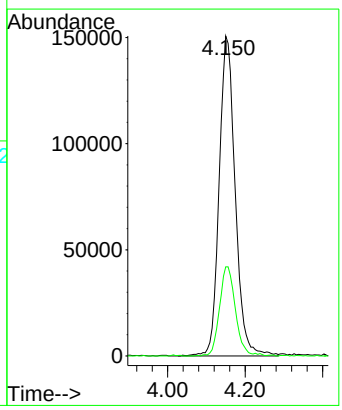


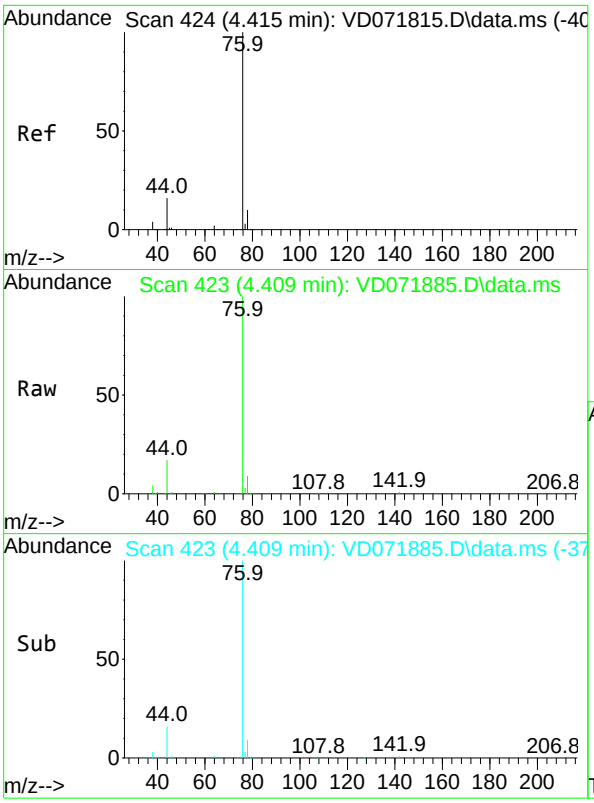


#16
Acetone
Concen: 301.633 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 43 Resp: 433698

Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1



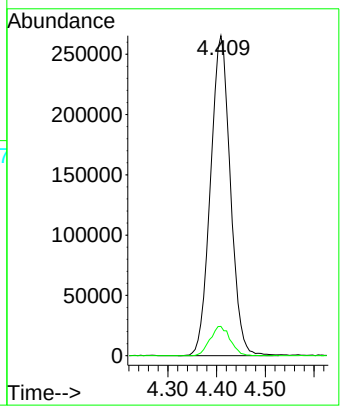


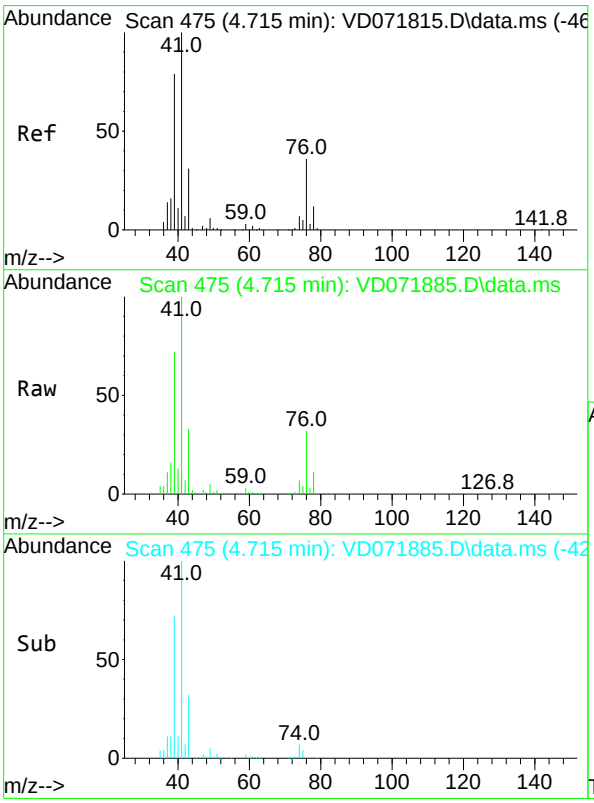
#17
Carbon Disulfide
Concen: 47.298 ug/l
RT: 4.409 min Scan# 4
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 752960

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

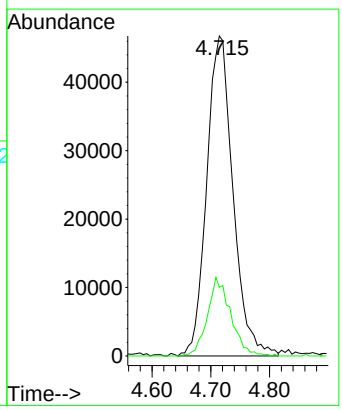


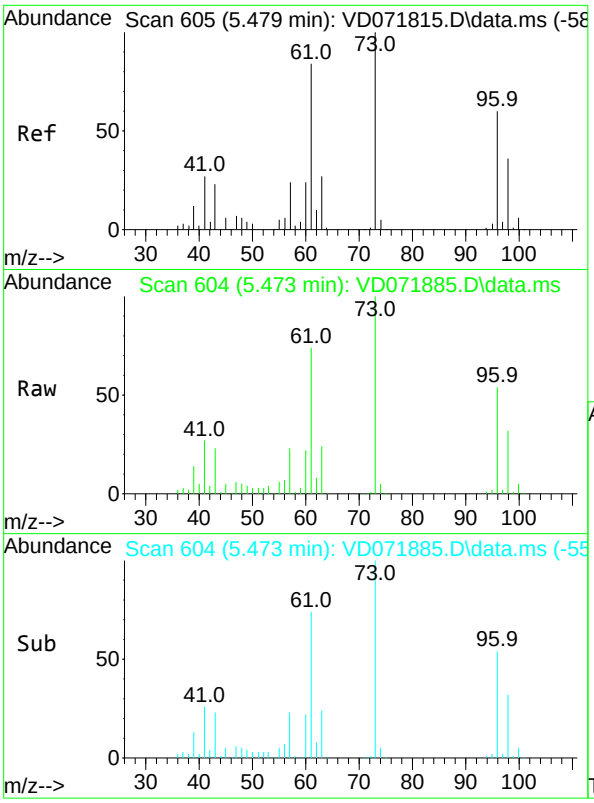


#18
Methyl Acetate
Concen: 46.764 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 43 Resp: 145377

Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.7	25.1



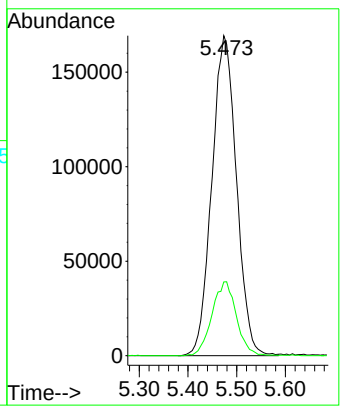


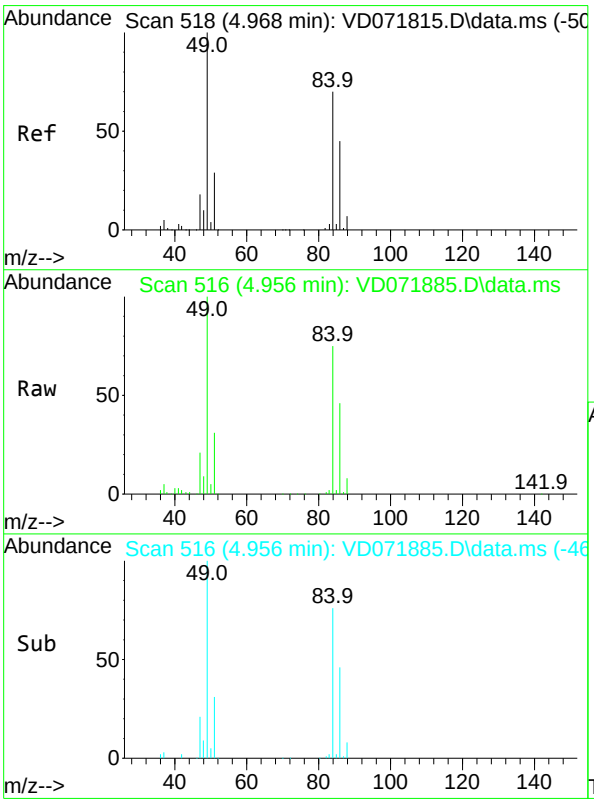
#19
Methyl tert-butyl Ether
Concen: 54.420 ug/l
RT: 5.473 min Scan# 6
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 594385

Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.0	27.0

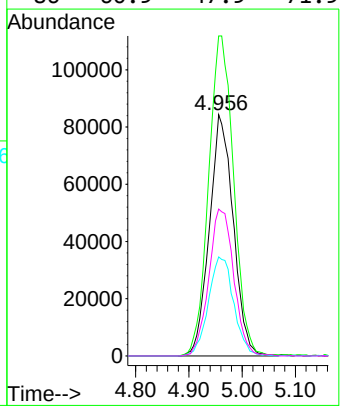


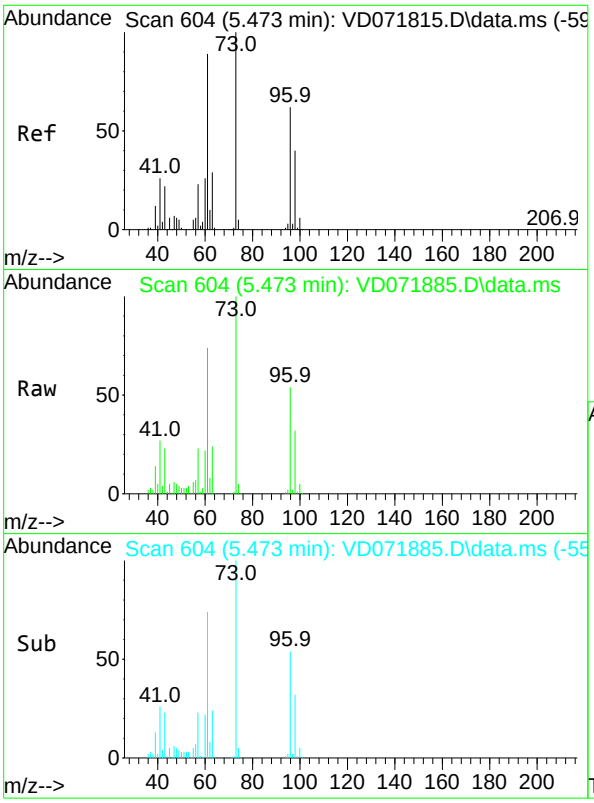


#20
Methylene Chloride
Concen: 49.998 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 84 Resp: 262398

Ion	Ratio	Lower	Upper
84	100		
49	132.6	112.8	169.2
51	41.0	32.6	48.8
86	60.9	47.9	71.9



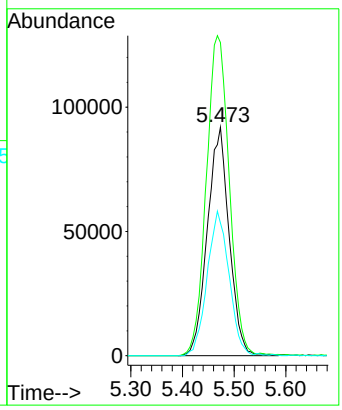


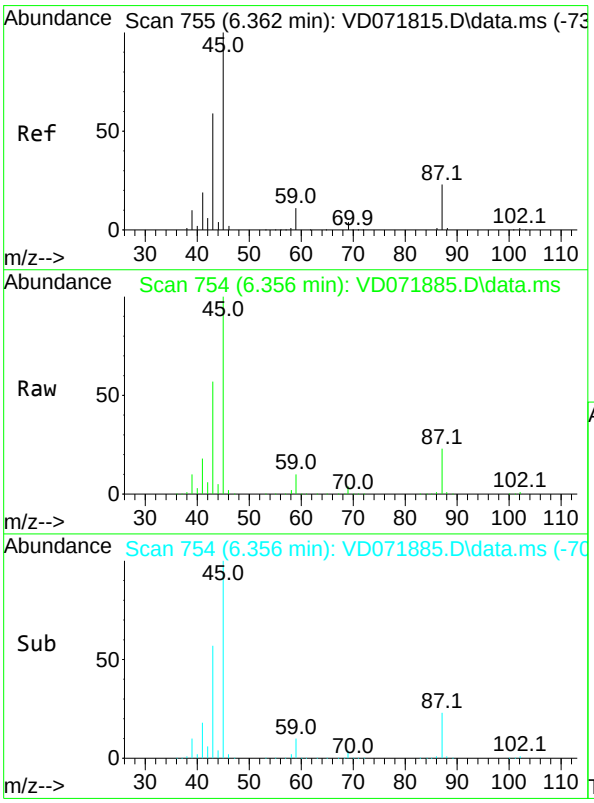
#21
trans-1,2-Dichloroethene
Concen: 50.673 ug/l
RT: 5.473 min Scan# 6
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 269327

Ion	Ratio	Lower	Upper
96	100		
61	137.0	117.9	176.9
98	58.0	49.4	74.2

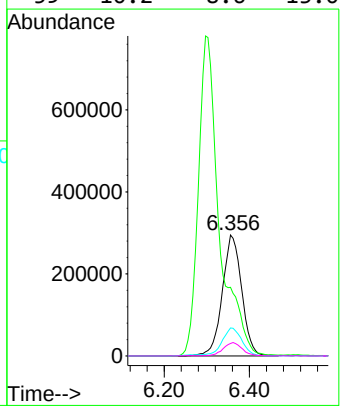


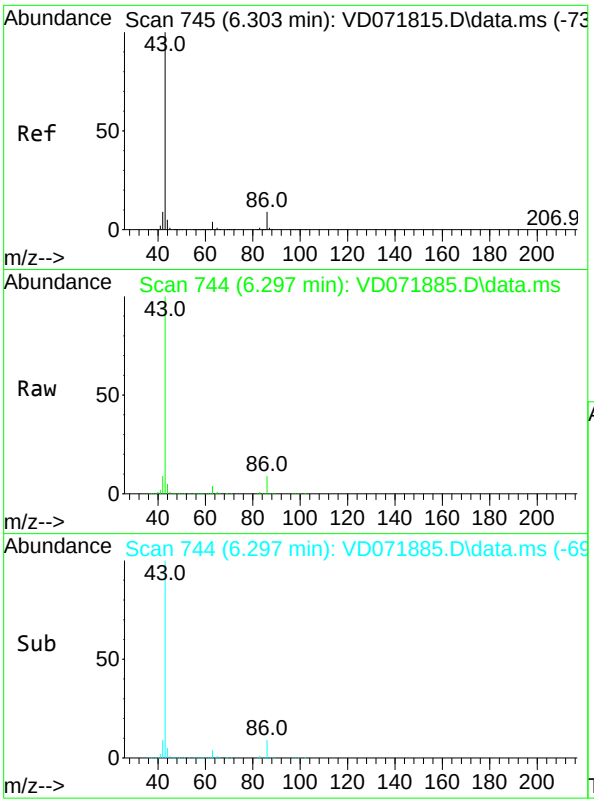


#22
Diisopropyl ether
Concen: 54.730 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 45 Resp: 933520

Ion	Ratio	Lower	Upper
45	100		
43	56.5	46.6	70.0
87	23.0	18.4	27.6
59	10.2	8.6	13.0



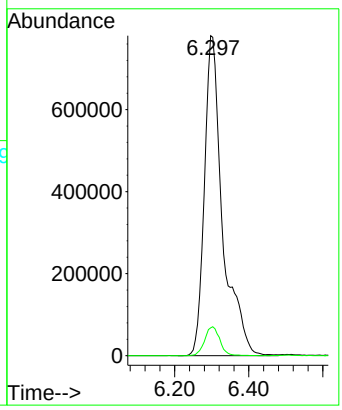


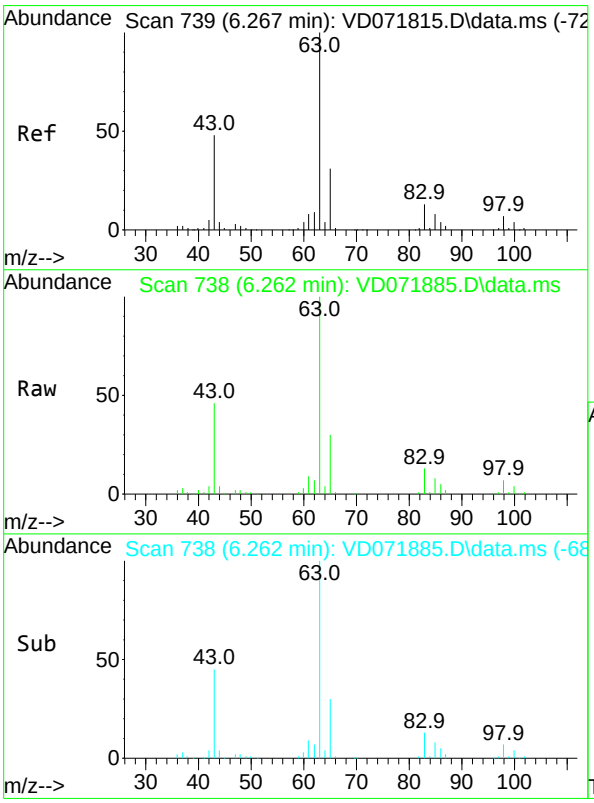
#23
Vinyl Acetate
Concen: 283.075 ug/l
RT: 6.297 min Scan# 7
Delta R.T. -0.012 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2663591

Ion	Ratio	Lower	Upper
43	100		
86	8.7	7.1	10.7

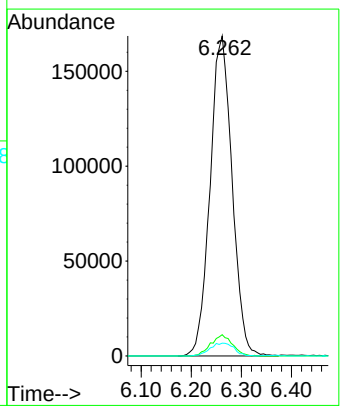


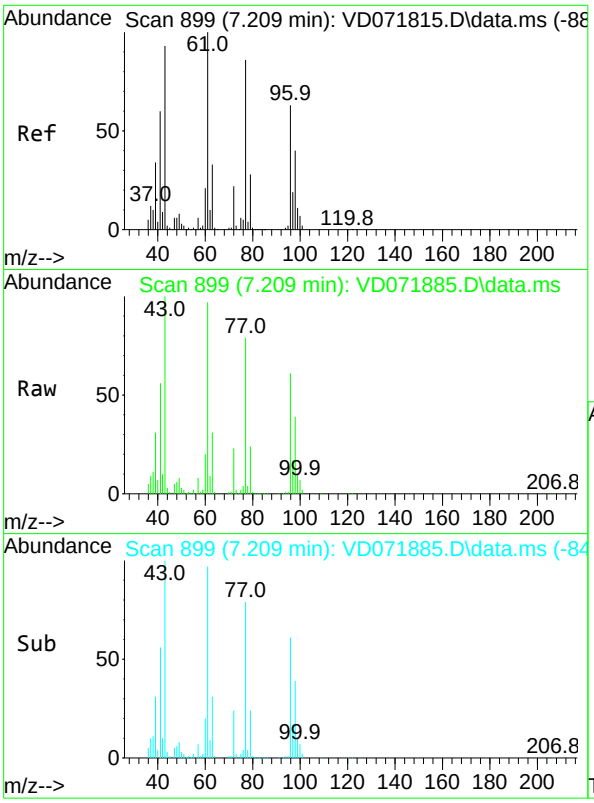


#24
1,1-Dichloroethane
Concen: 51.863 ug/l
RT: 6.262 min Scan# 738
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 63 Resp: 515605

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.9
100	4.0	2.1	6.5



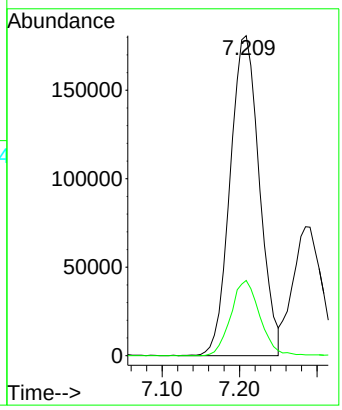


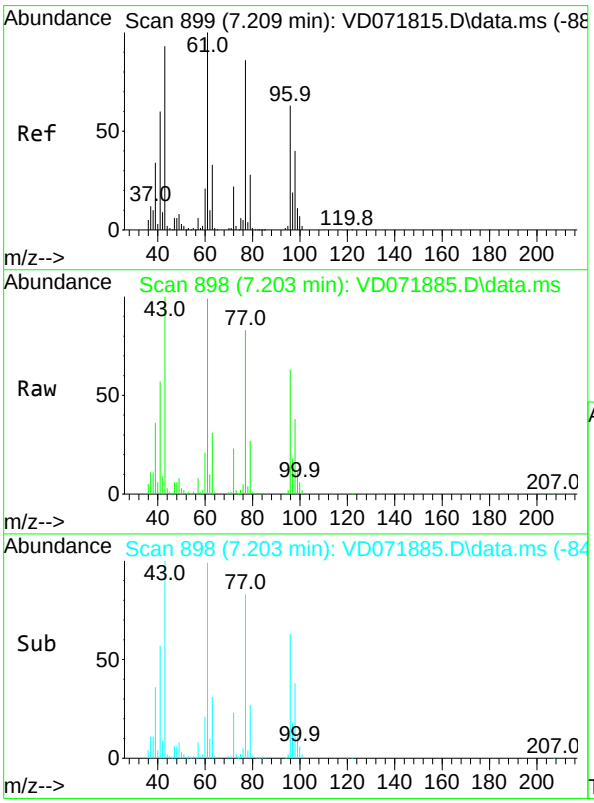
#25
2-Butanone
Concen: 283.493 ug/l
RT: 7.209 min Scan# 8
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 475189

Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.6	27.8

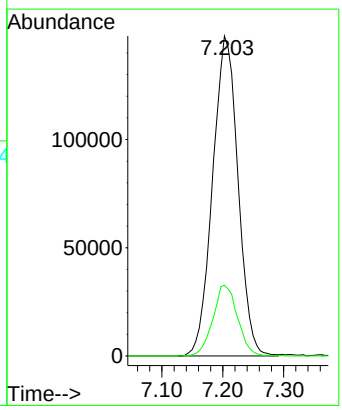


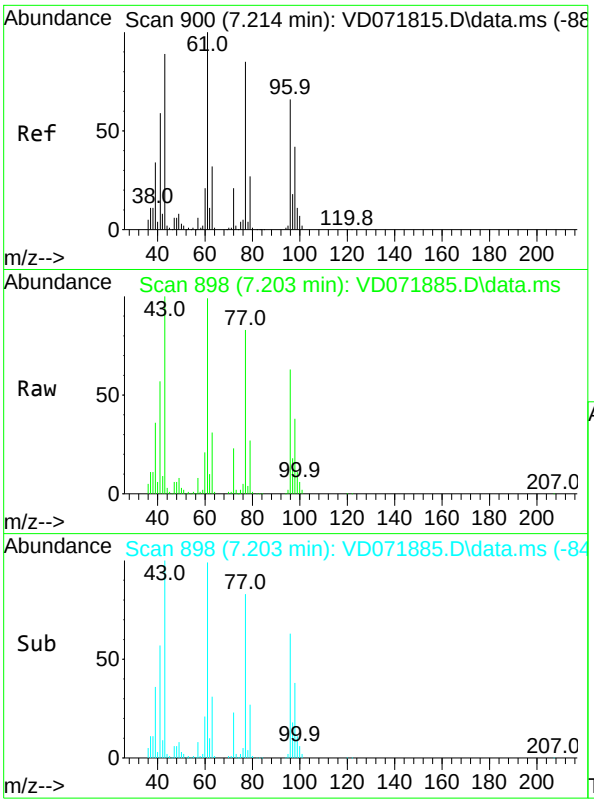


#26
2,2-Dichloropropane
Concen: 52.070 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 77 Resp: 428384

Ion	Ratio	Lower	Upper
77	100		
97	21.5	10.8	32.4



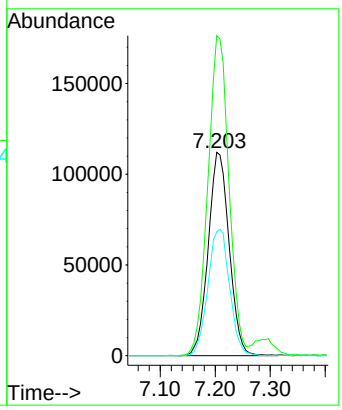


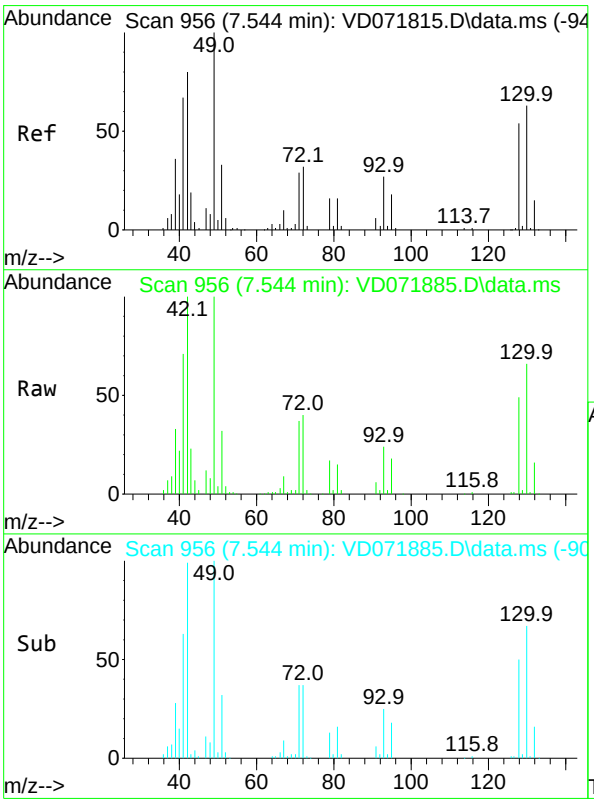
#27
cis-1,2-Dichloroethene
Concen: 51.966 ug/l
RT: 7.203 min Scan# 8
Delta R.T. -0.012 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 296652

Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	313.8
98	64.5	0.0	128.8

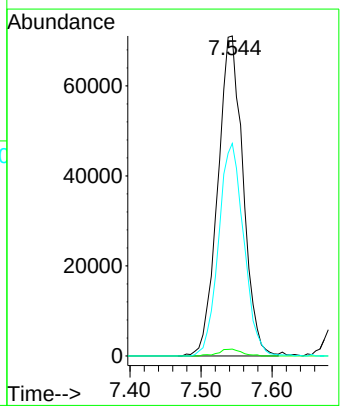


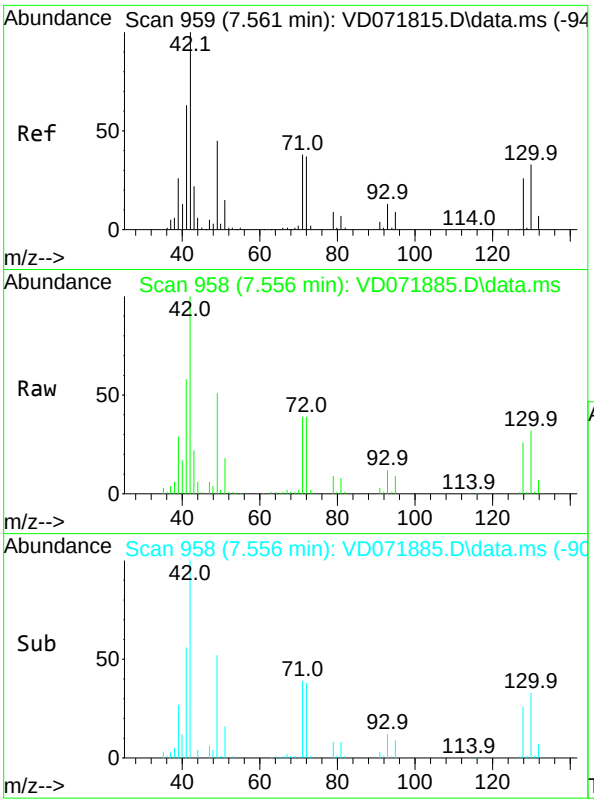


#28
Bromochloromethane
Concen: 46.824 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 49 Resp: 175580

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	66.3	52.6	79.0



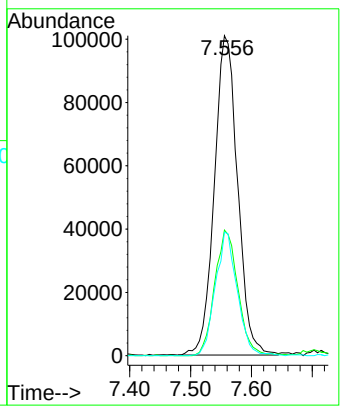


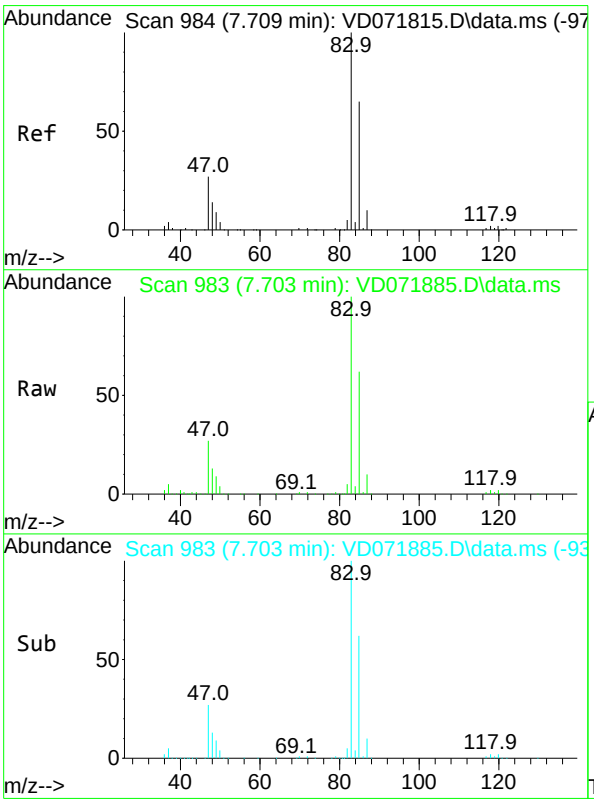
#29
Tetrahydrofuran
Concen: 270.384 ug/l
RT: 7.556 min Scan# 9
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 268162

Ion	Ratio	Lower	Upper
42	100		
72	39.4	30.7	46.1
71	36.4	28.6	43.0

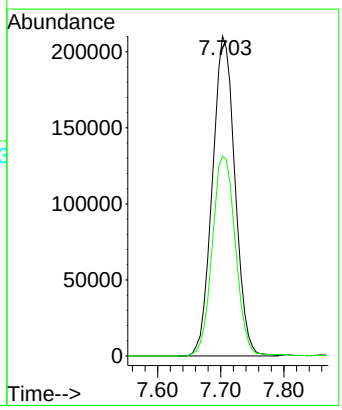


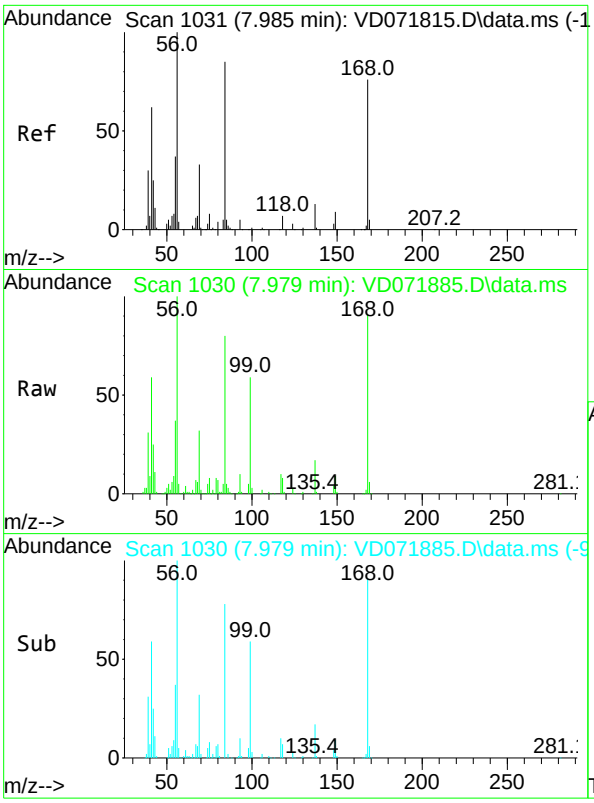


#30
Chloroform
Concen: 51.441 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 83 Resp: 522477

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.7	79.1



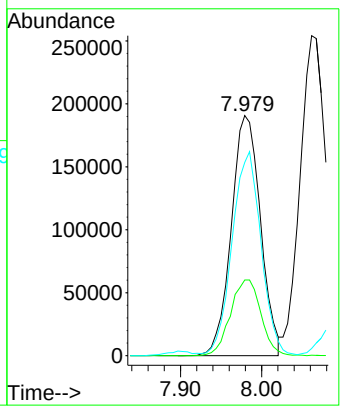


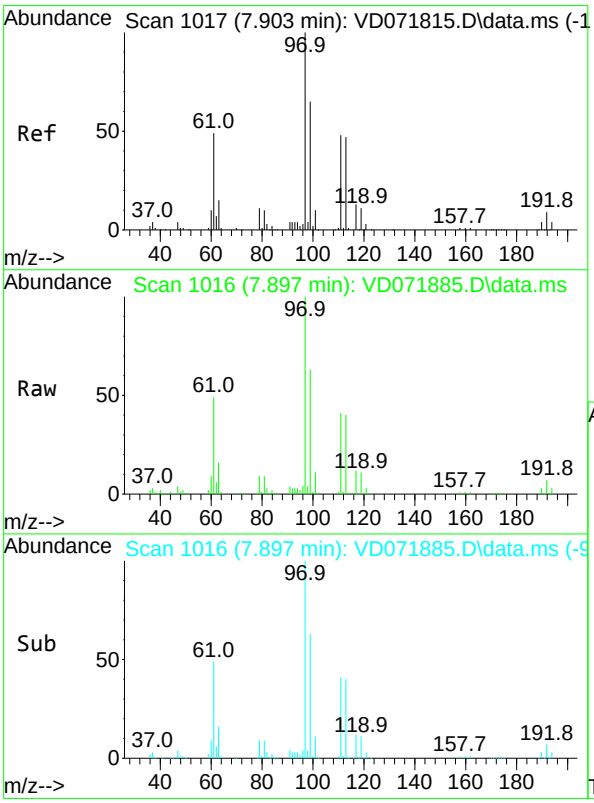
#31
Cyclohexane
Concen: 47.483 ug/l
RT: 7.979 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 476144

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.4	38.2
84	78.5	63.0	94.4

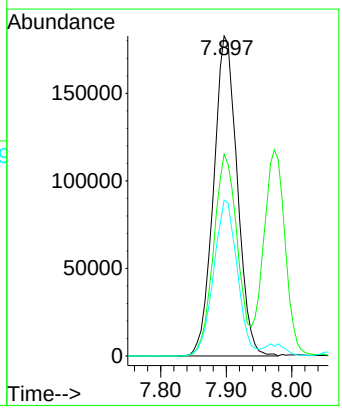


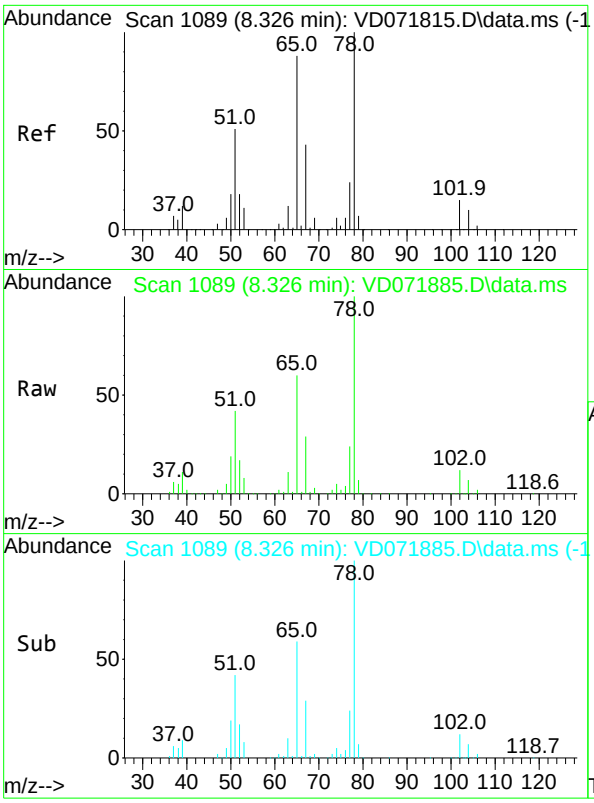


#32
1,1,1-Trichloroethane
Concen: 51.082 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 97 Resp: 457625

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.4	78.6
61	48.8	38.0	57.0



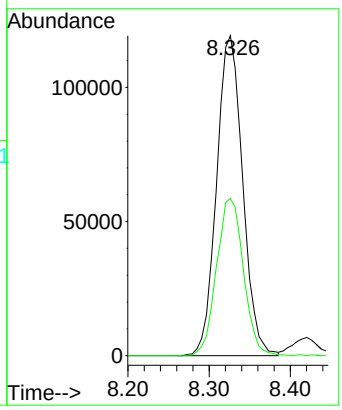


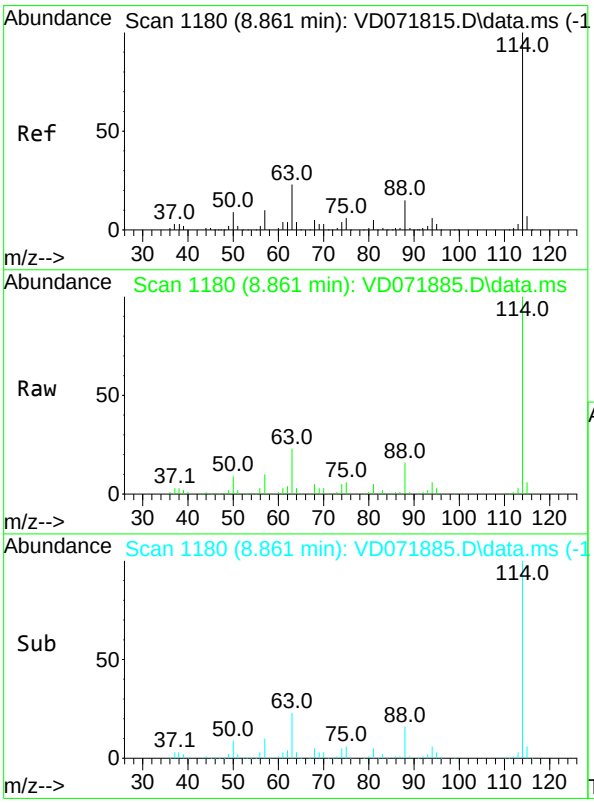
#33
1,2-Dichloroethane-d4
Concen: 50.671 ug/l
RT: 8.326 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 266152

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.4

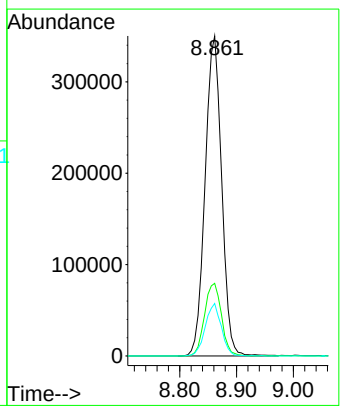


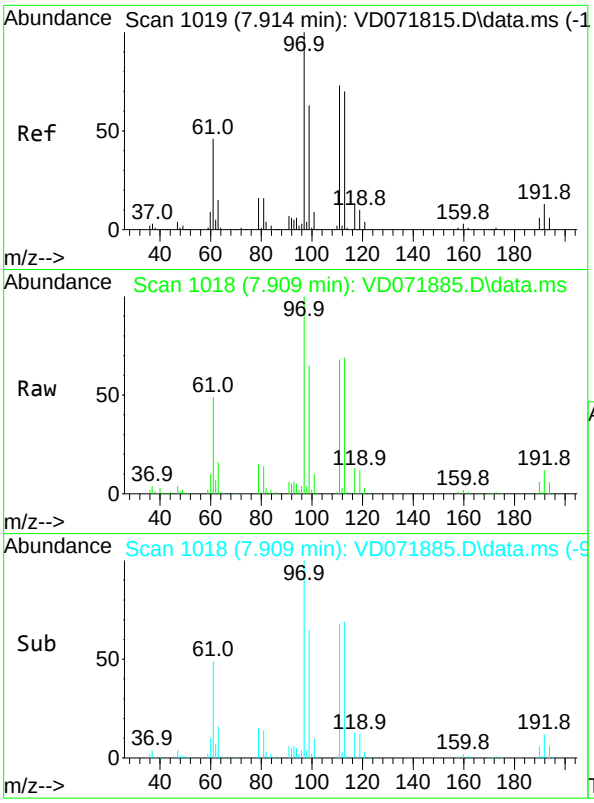


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:114 Resp: 705534

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	46.6
88	16.4	0.0	33.2



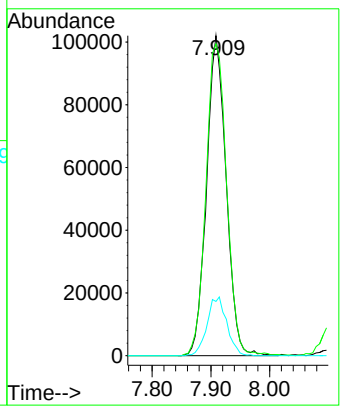


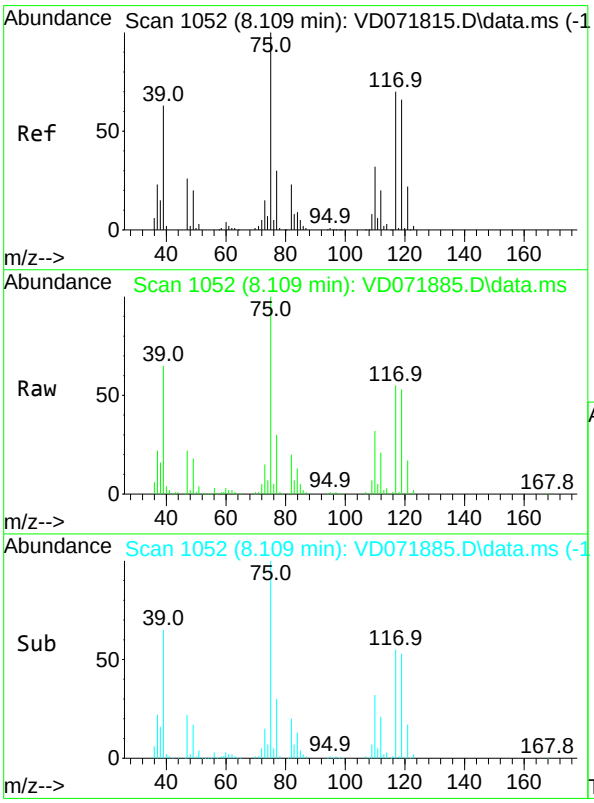
#35
Dibromofluoromethane
Concen: 50.966 ug/l
RT: 7.909 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 236365

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	18.5	14.6	21.8

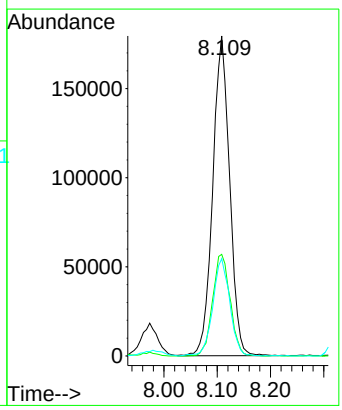


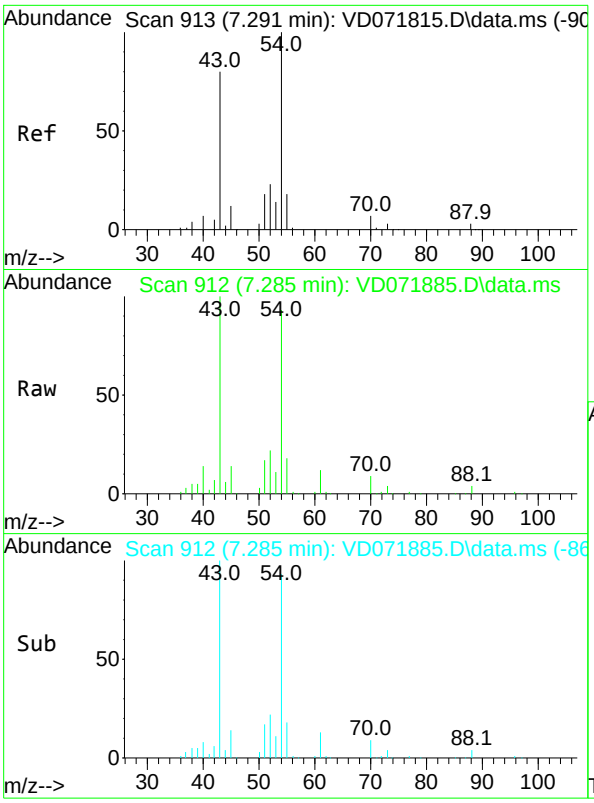


#36
1,1-Dichloropropene
Concen: 49.688 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 75 Resp: 395509

Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.4	49.1
77	30.7	24.2	36.2



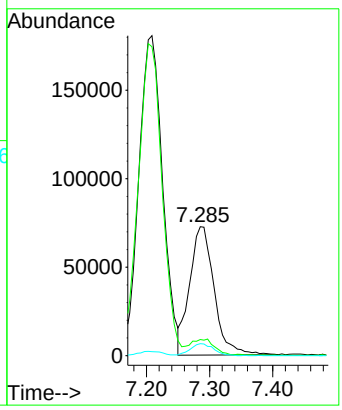


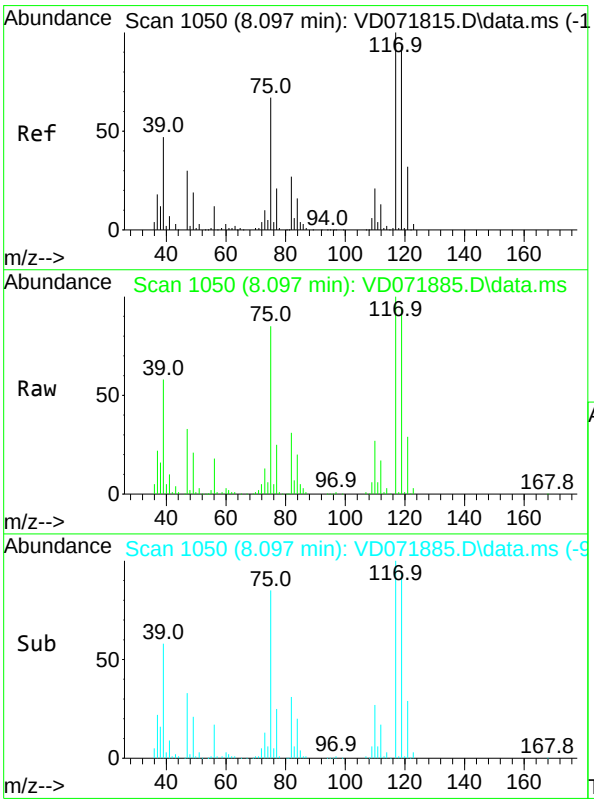
#37
Ethyl Acetate
Concen: 52.970 ug/l
RT: 7.285 min Scan# 9
Delta R.T. -0.012 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 196031

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.8	14.8
70	8.9	6.9	10.3

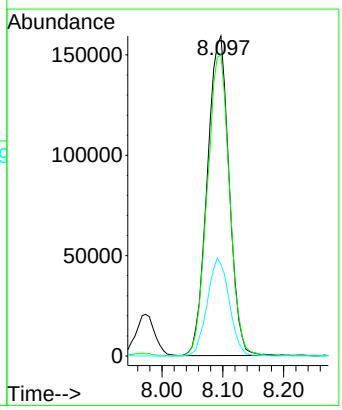


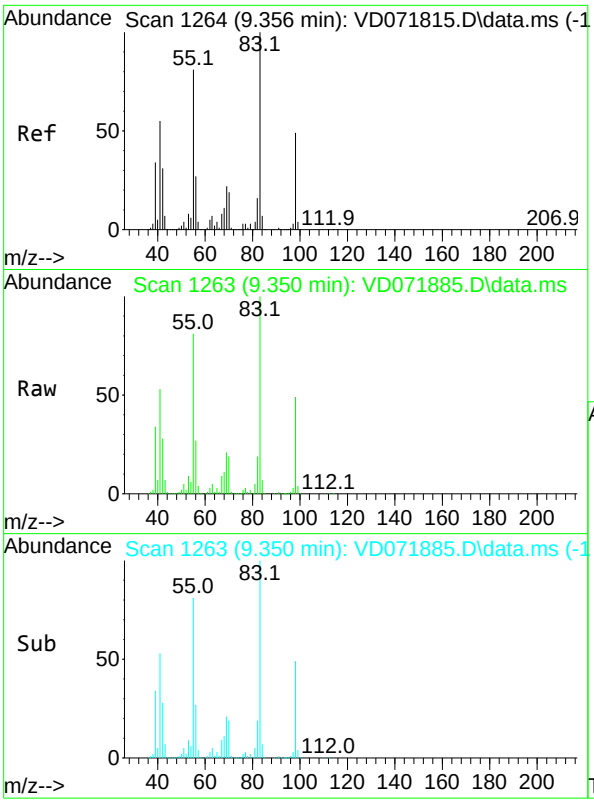


#38
Carbon Tetrachloride
Concen: 50.401 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:117 Resp: 396746

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.6
121	28.7	24.5	36.7



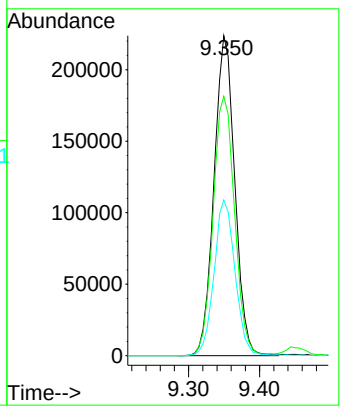


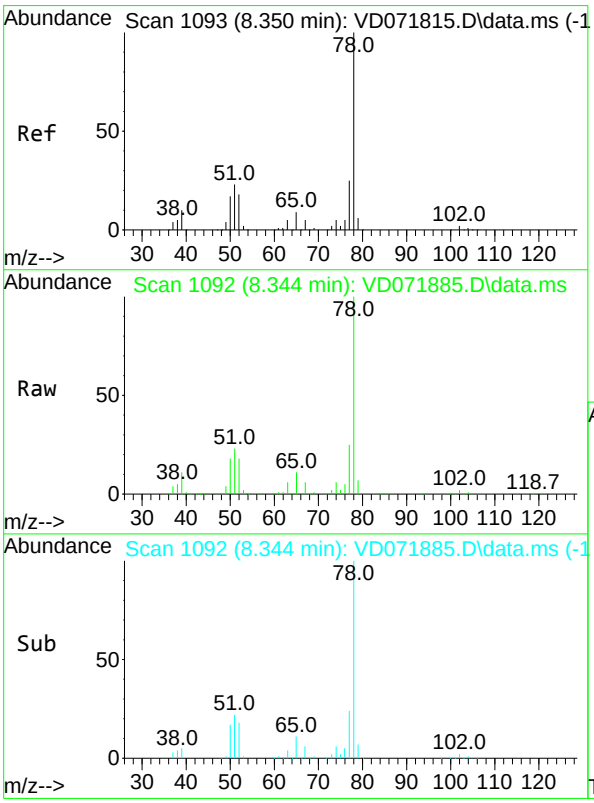
#39
Methylcyclohexane
Concen: 49.122 ug/l
RT: 9.350 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 453055

Ion	Ratio	Lower	Upper
83	100		
55	81.0	63.2	94.8
98	48.7	38.2	57.4

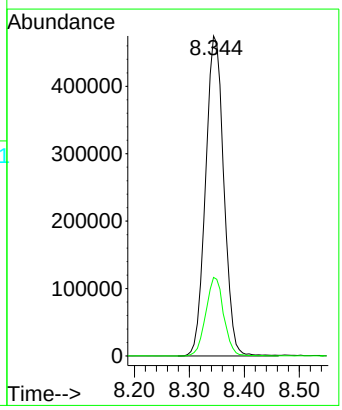


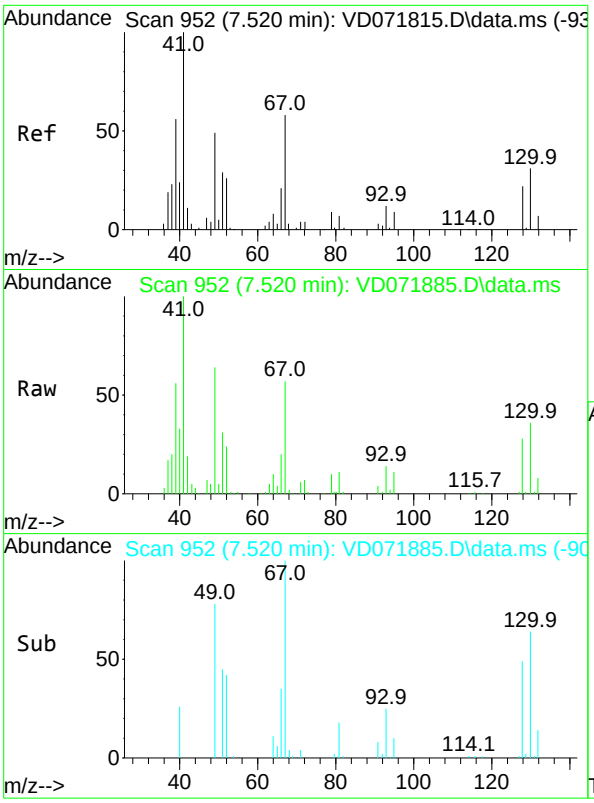


#40
Benzene
Concen: 50.936 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 78 Resp: 1094433

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7



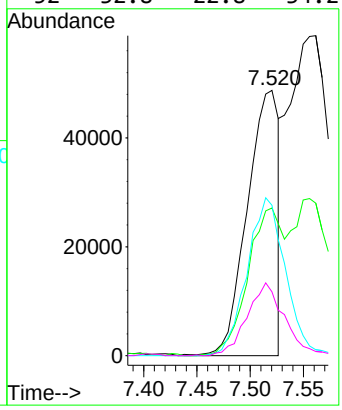


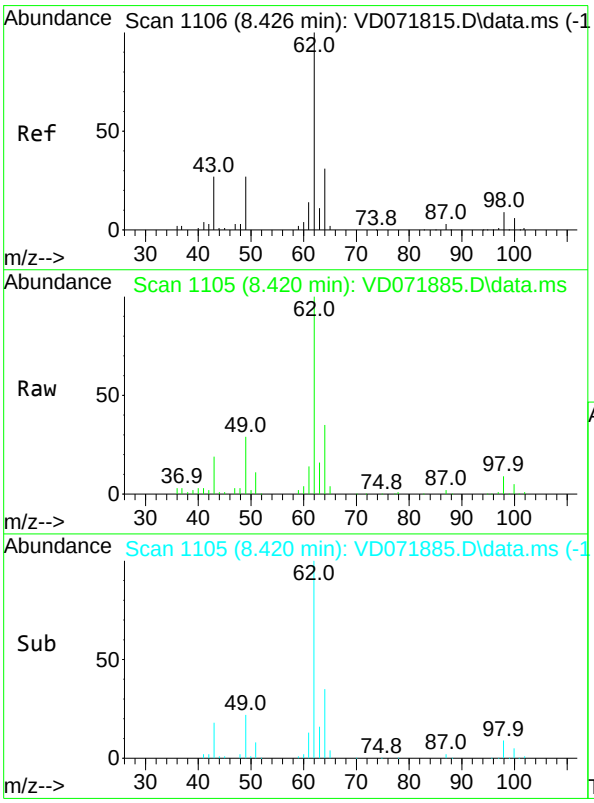
#41
Methacrylonitrile
Concen: 47.920 ug/l
RT: 7.520 min Scan# 9
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 100328

Ion	Ratio	Lower	Upper
41	100		
39	62.4	44.6	67.0
67	72.4	48.2	72.4#
52	32.8	22.8	34.2

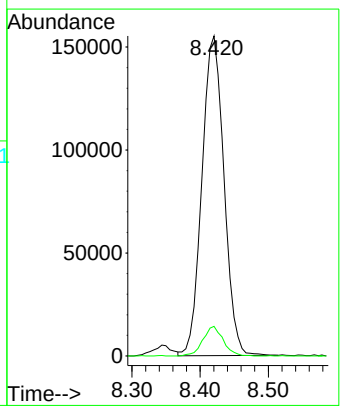


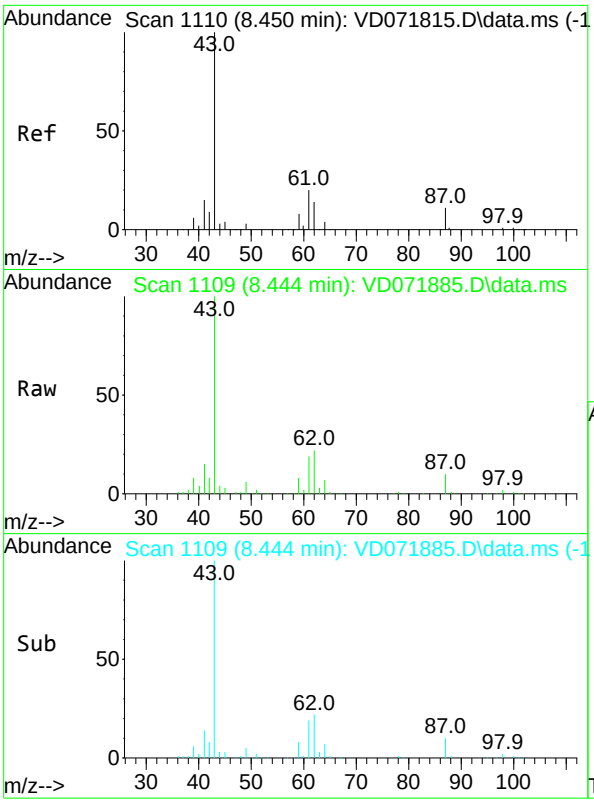


#42
1,2-Dichloroethane
Concen: 51.531 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 62 Resp: 349632

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



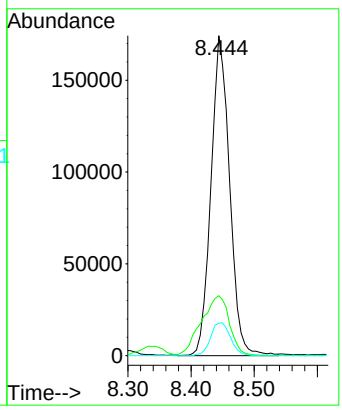


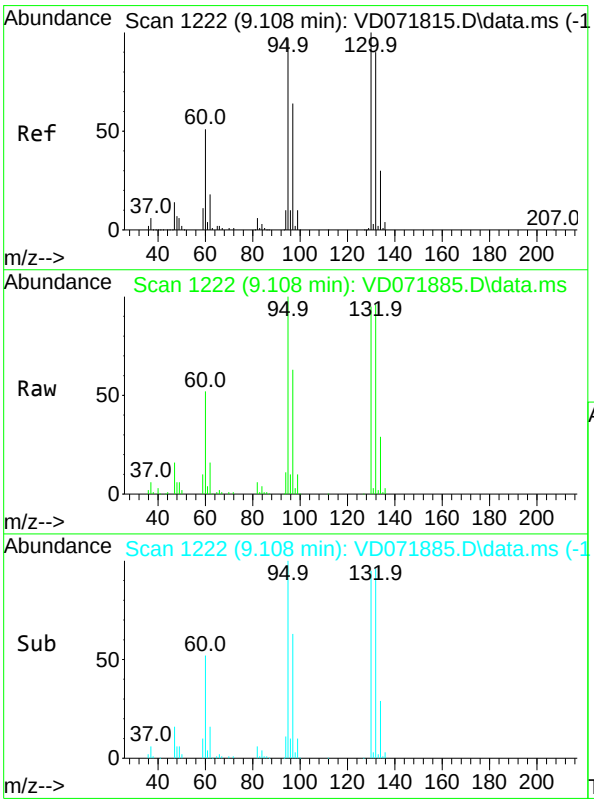
#43
Isopropyl Acetate
Concen: 53.741 ug/l
RT: 8.444 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 357456

Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.4	33.6
87	11.0	8.7	13.1

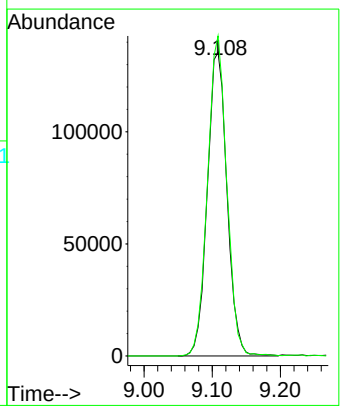


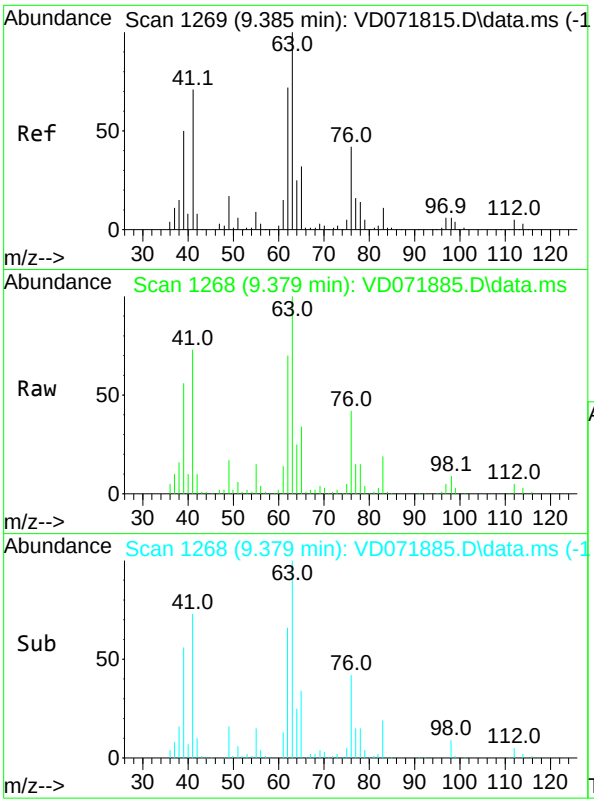


#44
Trichloroethene
Concen: 49.155 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:130 Resp: 272704

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	205.4



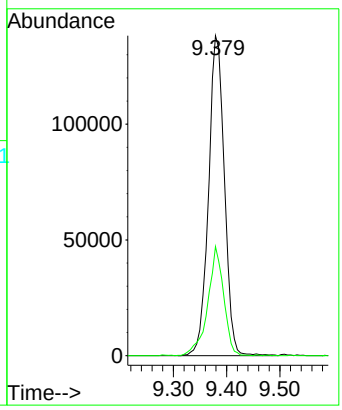


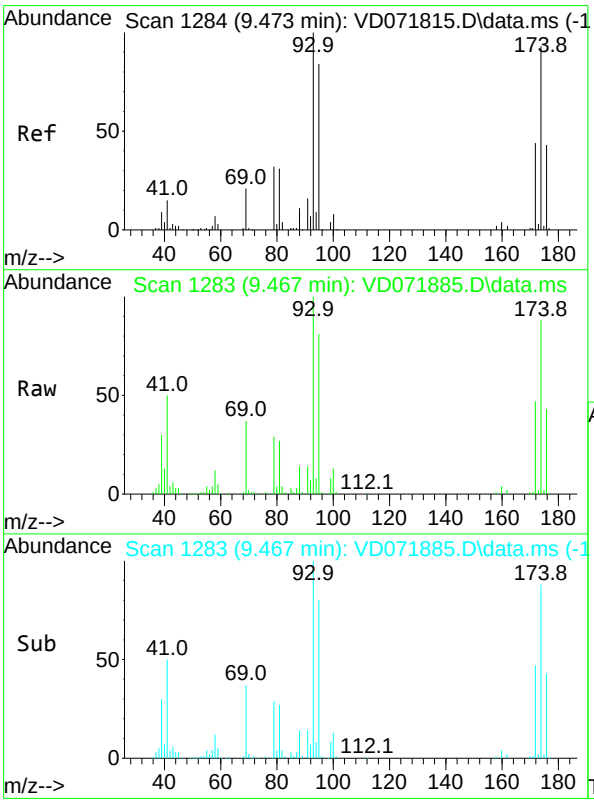
#45
1,2-Dichloropropane
Concen: 51.669 ug/l
RT: 9.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 286262

Ion	Ratio	Lower	Upper
63	100		
65	34.1	26.2	39.4

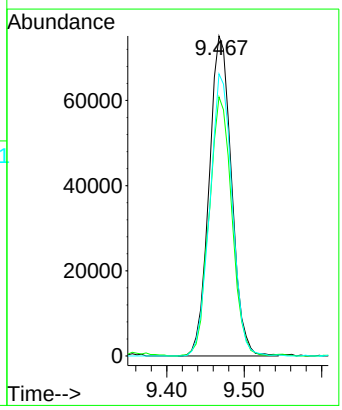


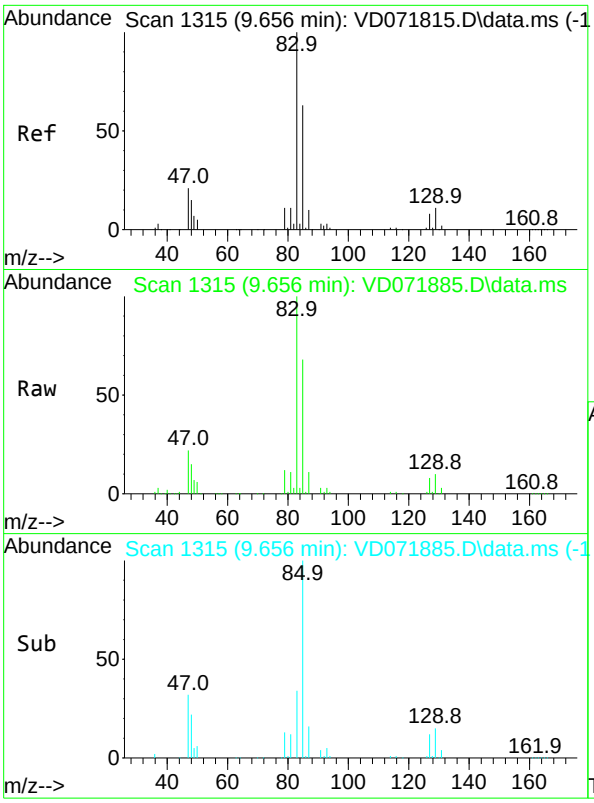


#46
Dibromomethane
Concen: 52.135 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 93 Resp: 151238

Ion	Ratio	Lower	Upper
93	100		
95	81.5	66.7	100.1
174	87.8	71.6	107.4



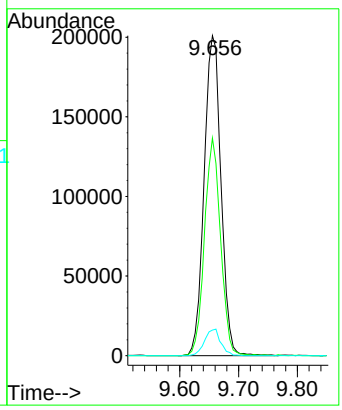


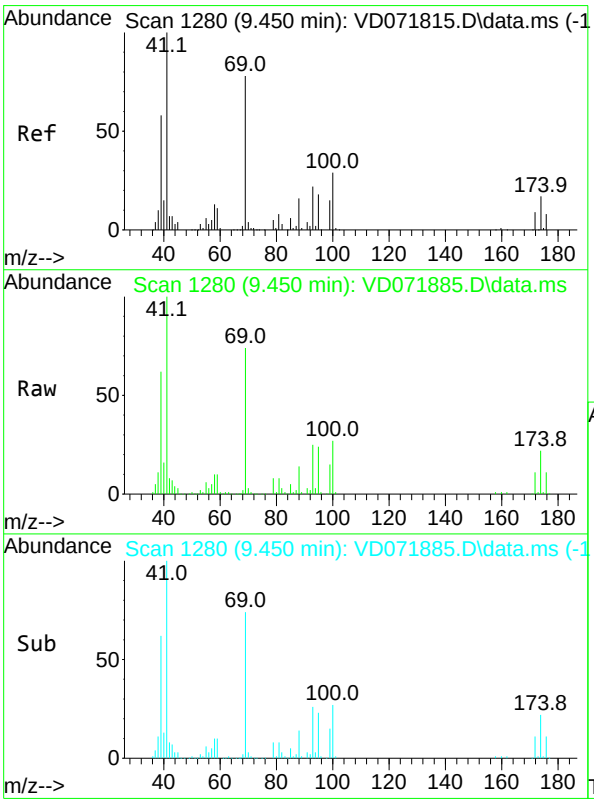
#47
Bromodichloromethane
Concen: 52.235 ug/l
RT: 9.656 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 400746

Ion	Ratio	Lower	Upper
83	100		
85	68.0	51.4	77.0
127	8.0	6.1	9.1

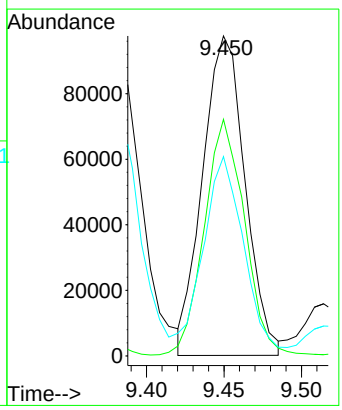


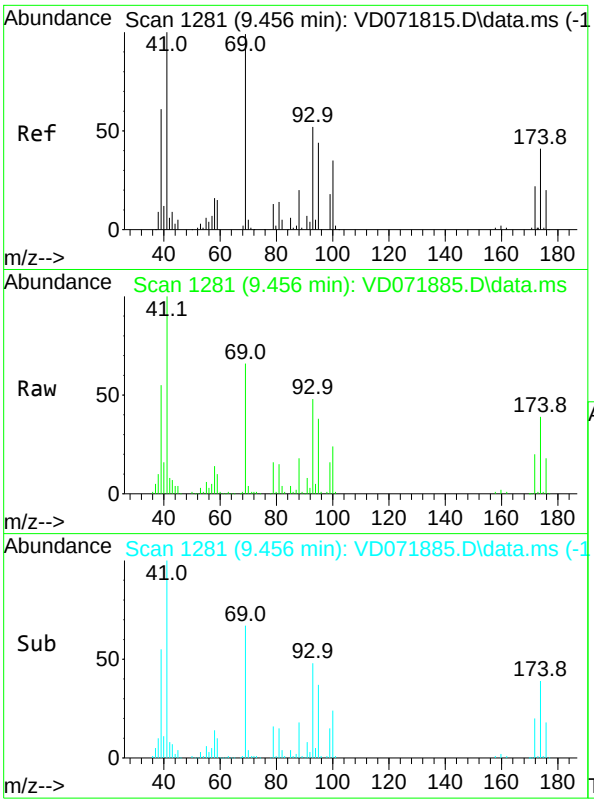


#48
Methyl methacrylate
Concen: 52.633 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 41 Resp: 185275

Ion	Ratio	Lower	Upper
41	100		
69	70.5	56.7	85.1
39	54.6	42.7	64.1



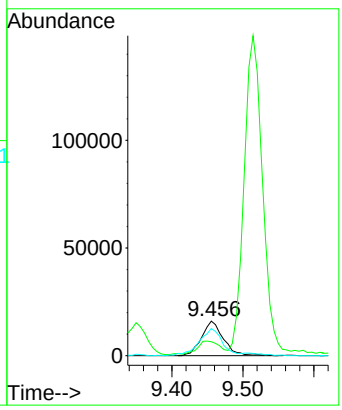


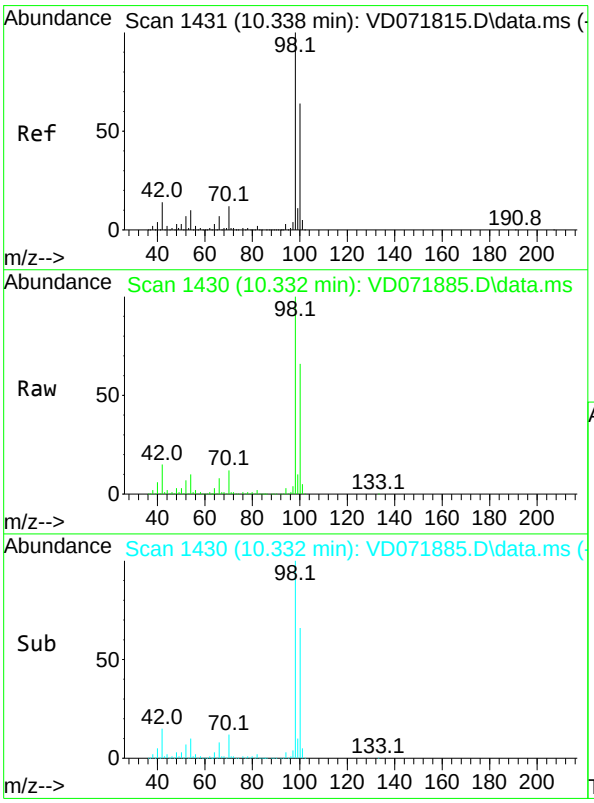
#49
1,4-Dioxane
Concen: 1040.470 ug/l
RT: 9.456 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 34451

Ion	Ratio	Lower	Upper
88	100		
43	44.7	31.0	46.4
58	82.7	58.1	87.1

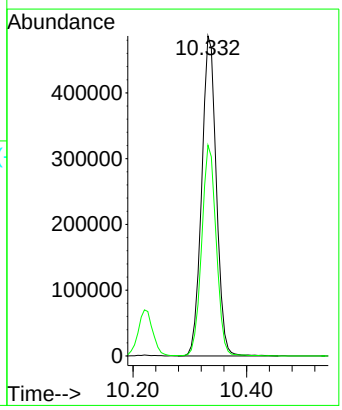


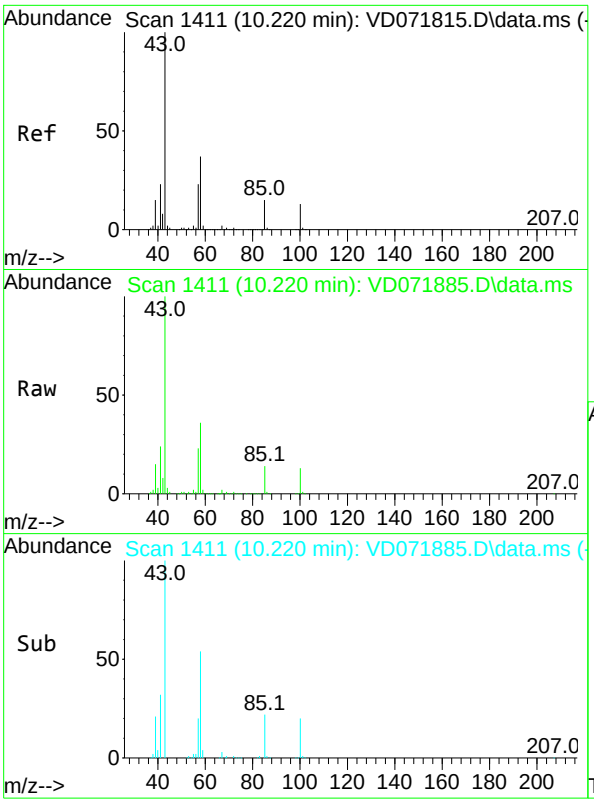


#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 98 Resp: 868039

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6



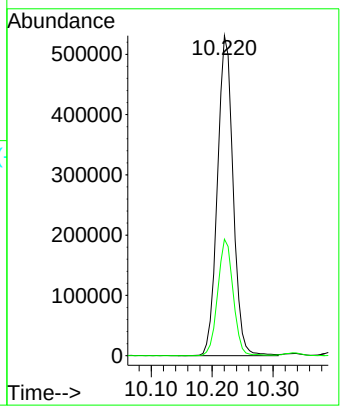


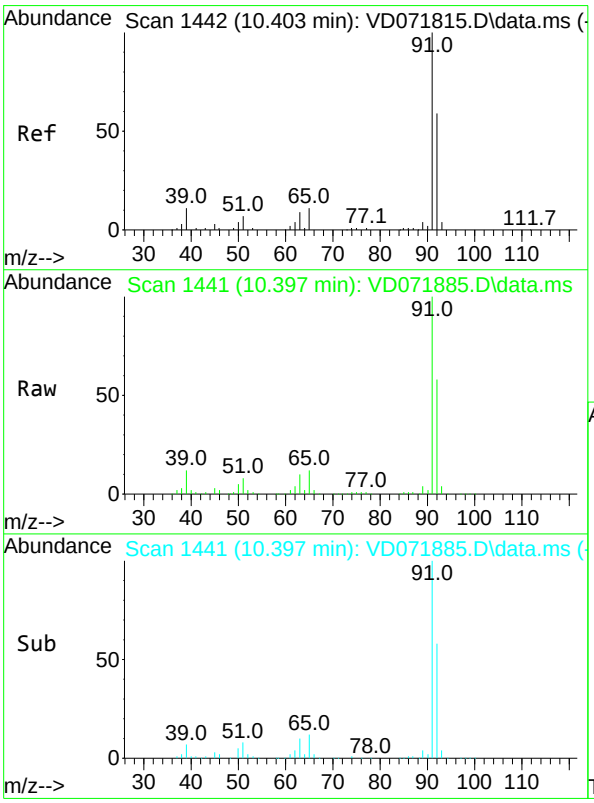
#51
4-Methyl-2-Pentanone
Concen: 272.825 ug/l
RT: 10.220 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 949633

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.6	43.0

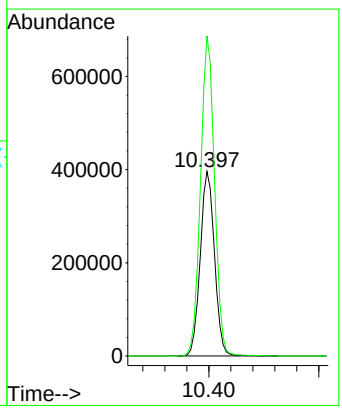


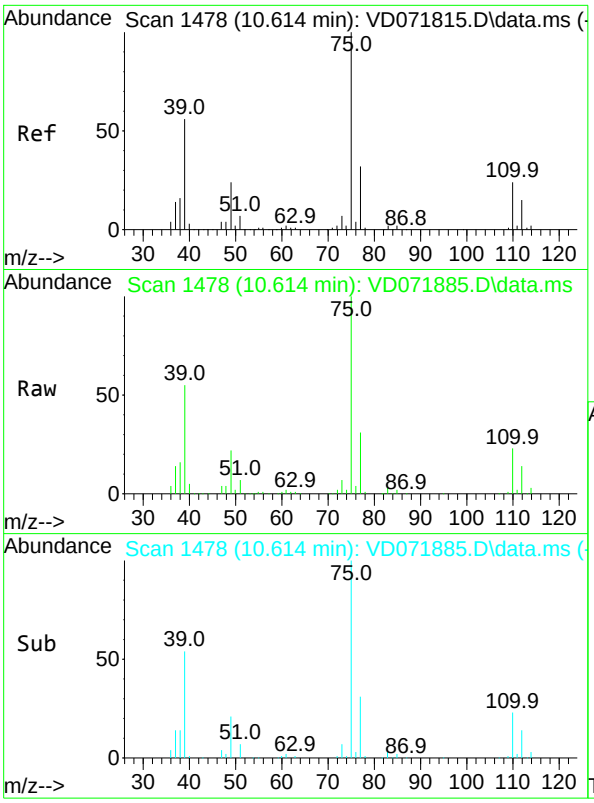


#52
Toluene
Concen: 53.253 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 92 Resp: 711515

Ion	Ratio	Lower	Upper
92	100		
91	170.7	139.6	209.4



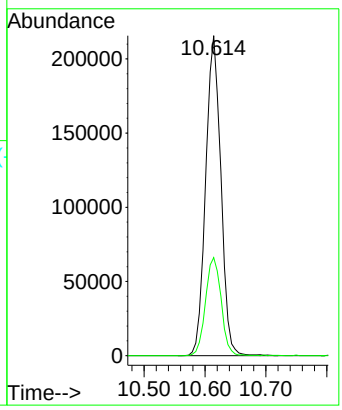


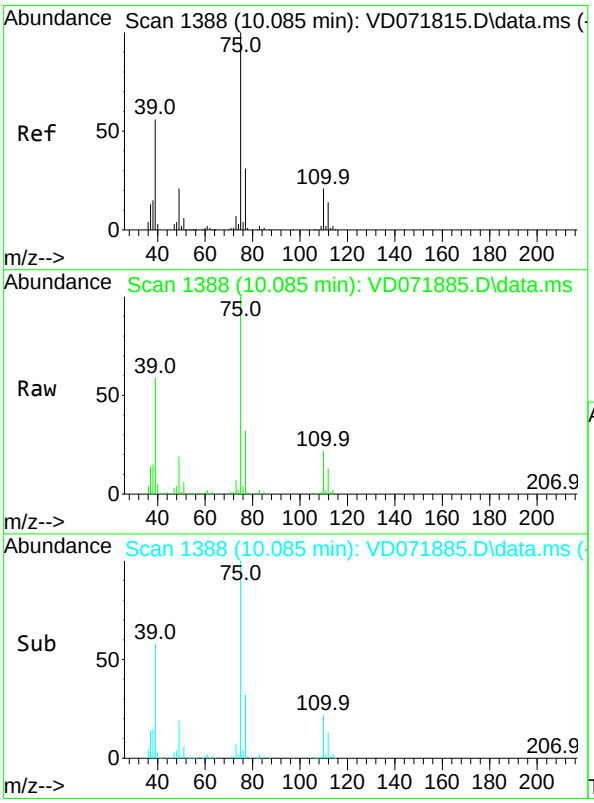
#53
t-1,3-Dichloropropene
Concen: 52.973 ug/l
RT: 10.614 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 373267

Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.5	36.7

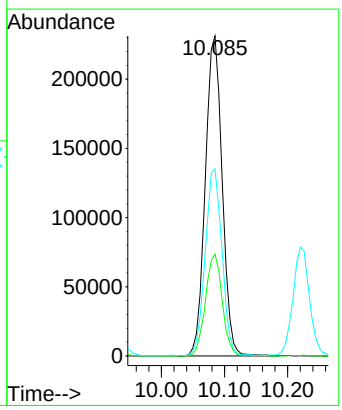


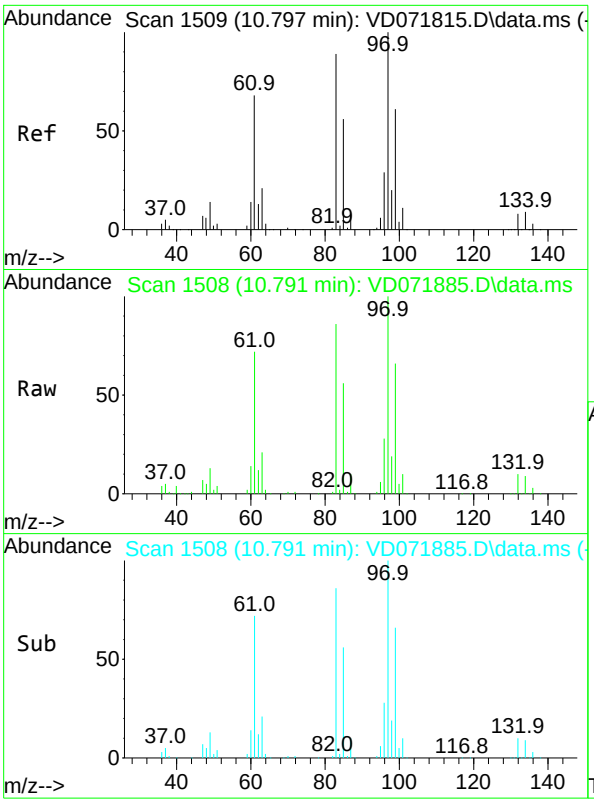


#54
cis-1,3-Dichloropropene
Concen: 51.957 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 75 Resp: 429146

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	58.4	46.8	70.2



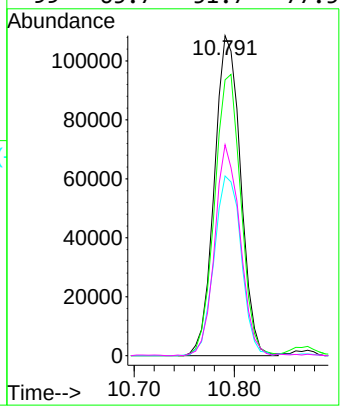


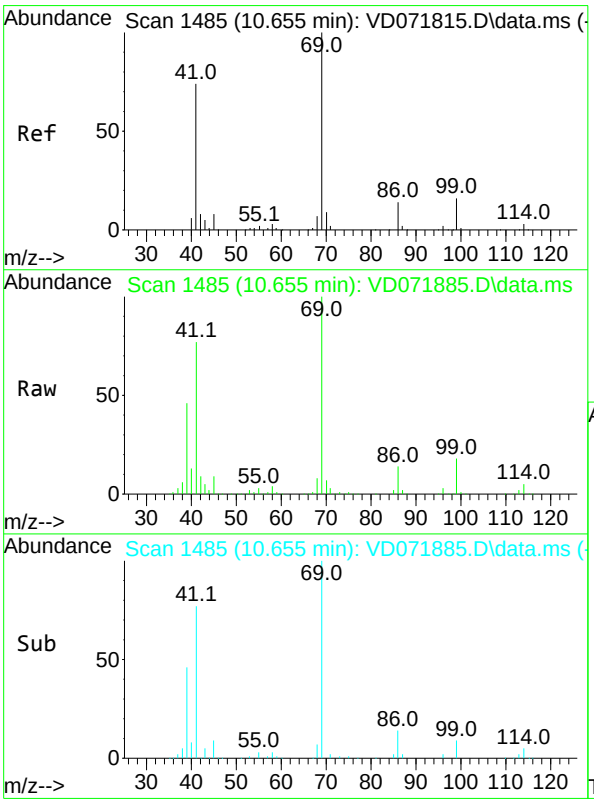
#55
1,1,2-Trichloroethane
Concen: 51.407 ug/l
RT: 10.791 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 197918

Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.4
85	56.1	42.6	63.8
99	65.7	51.7	77.5

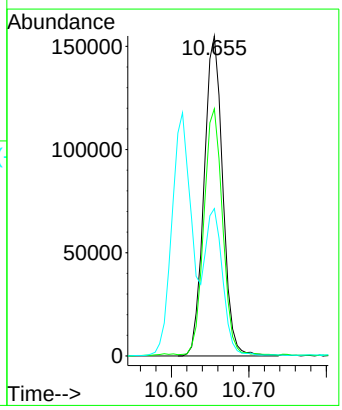


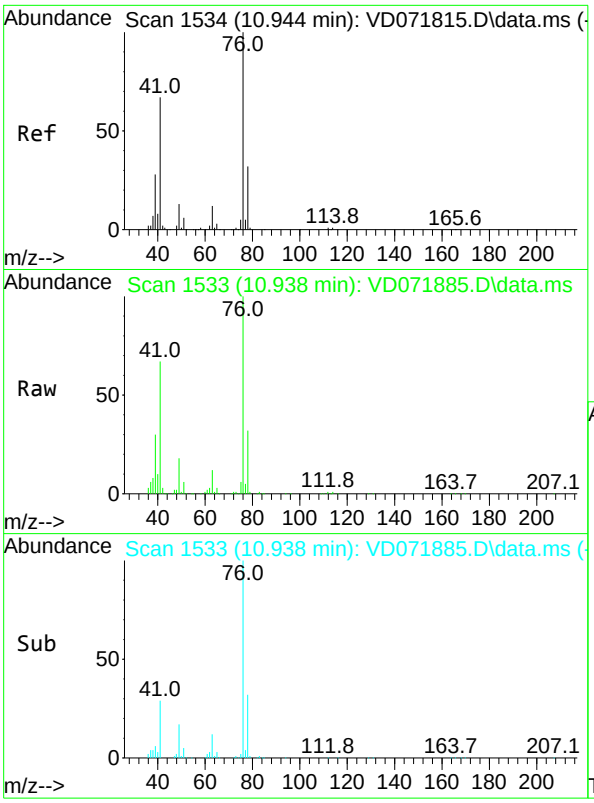


#56
Ethyl methacrylate
Concen: 54.381 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 69 Resp: 259223

Ion	Ratio	Lower	Upper
69	100		
41	77.0	63.0	94.6
39	41.8	33.8	50.8



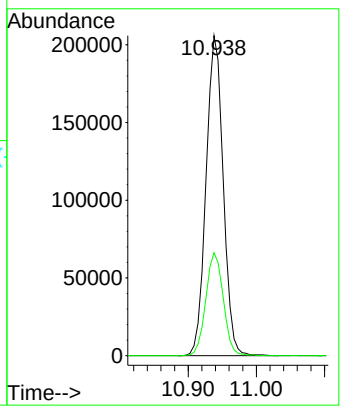


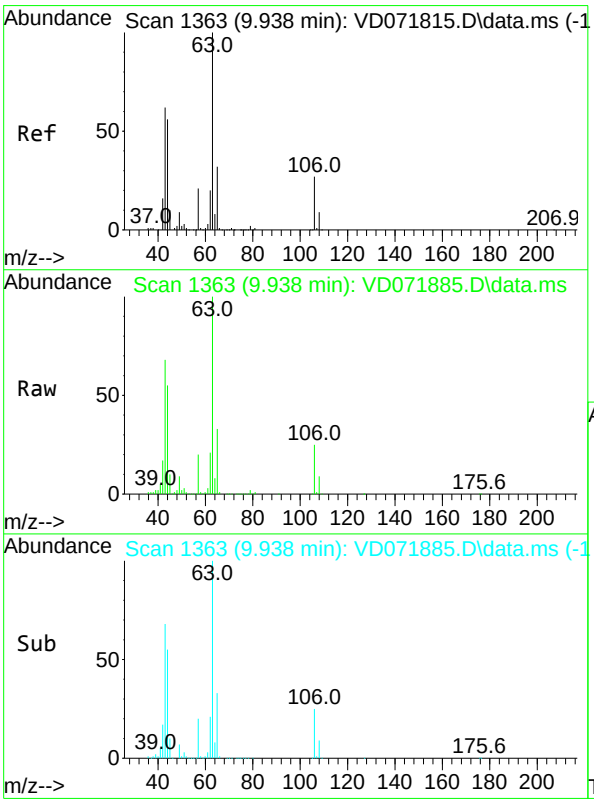
#57
1,3-Dichloropropane
Concen: 52.441 ug/l
RT: 10.938 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 360442

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.0	39.0

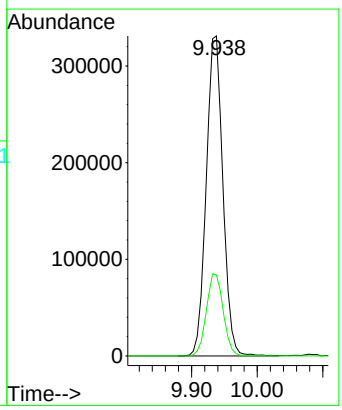


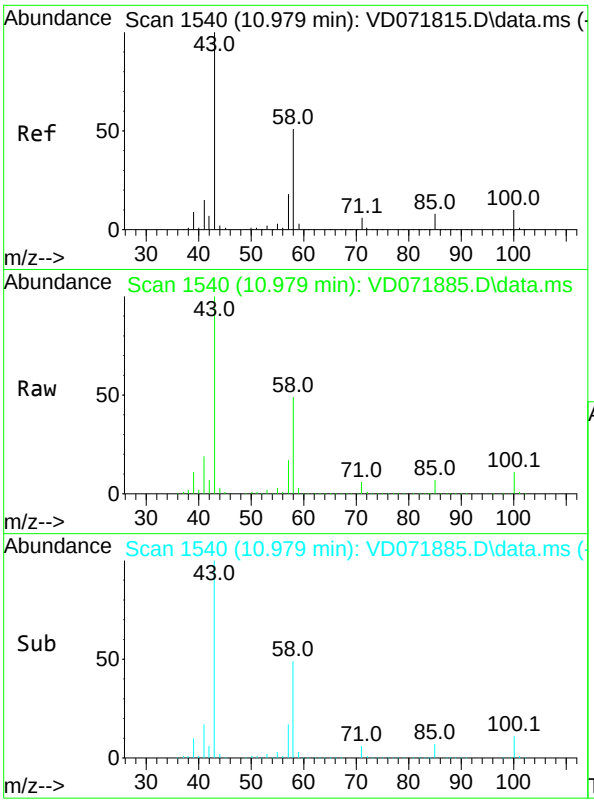


#58
2-Chloroethyl Vinyl ether
Concen: 260.138 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 63 Resp: 583743

Ion	Ratio	Lower	Upper
63	100		
106	26.0	21.4	32.0



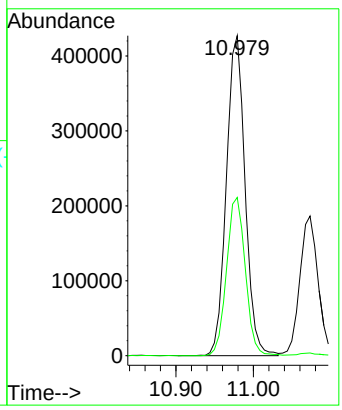


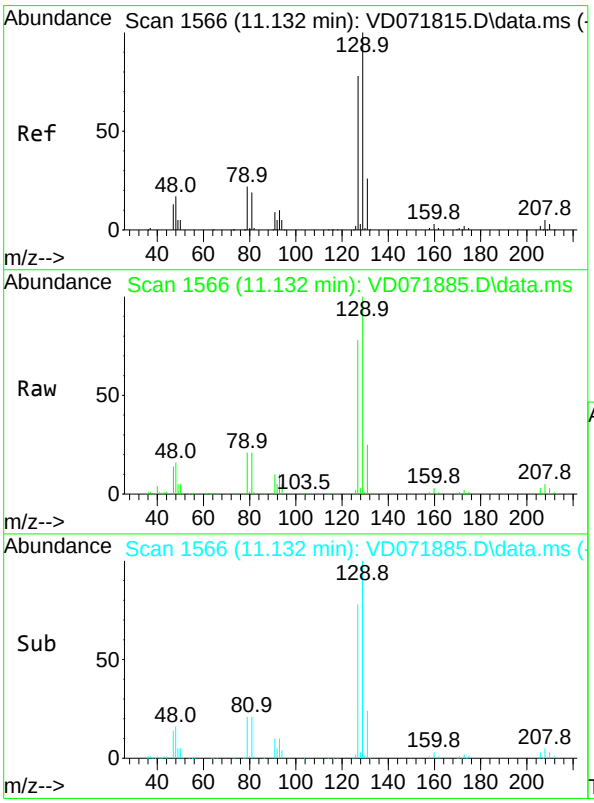
#59
2-Hexanone
Concen: 284.548 ug/l
RT: 10.979 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 718866

Ion	Ratio	Lower	Upper
43	100		
58	49.5	25.3	75.9

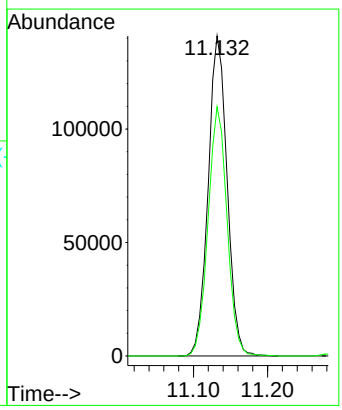


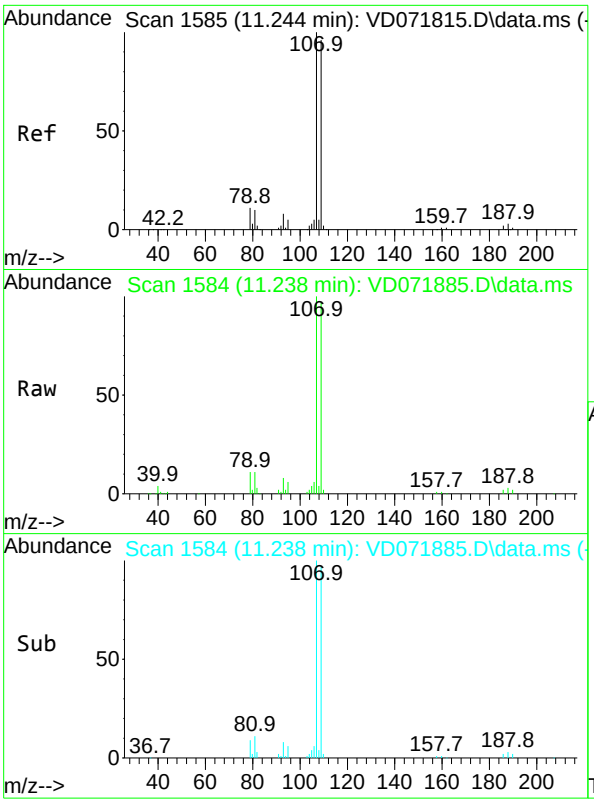


#60
Dibromochloromethane
Concen: 52.678 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:129 Resp: 250446

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.2	117.6



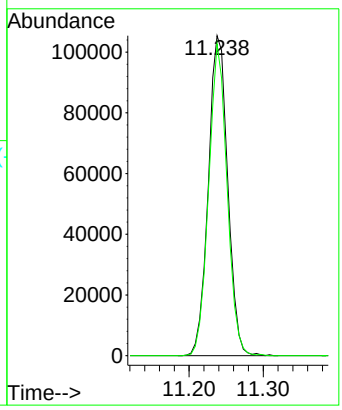


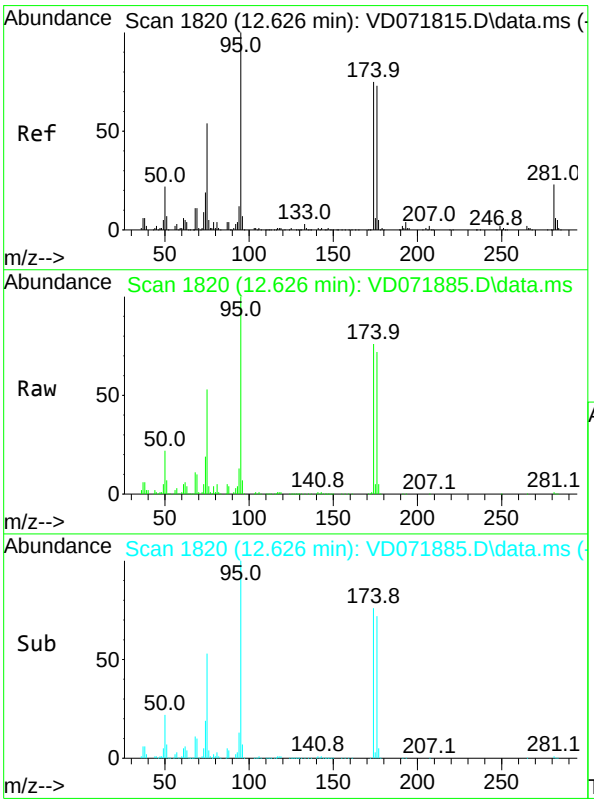
#61
1,2-Dibromoethane
Concen: 51.696 ug/l
RT: 11.238 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:107 Resp: 191763

Ion	Ratio	Lower	Upper
107	100		
109	92.3	74.2	111.4

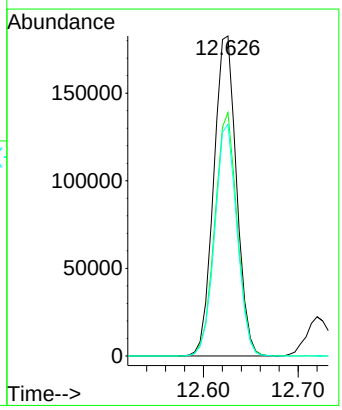


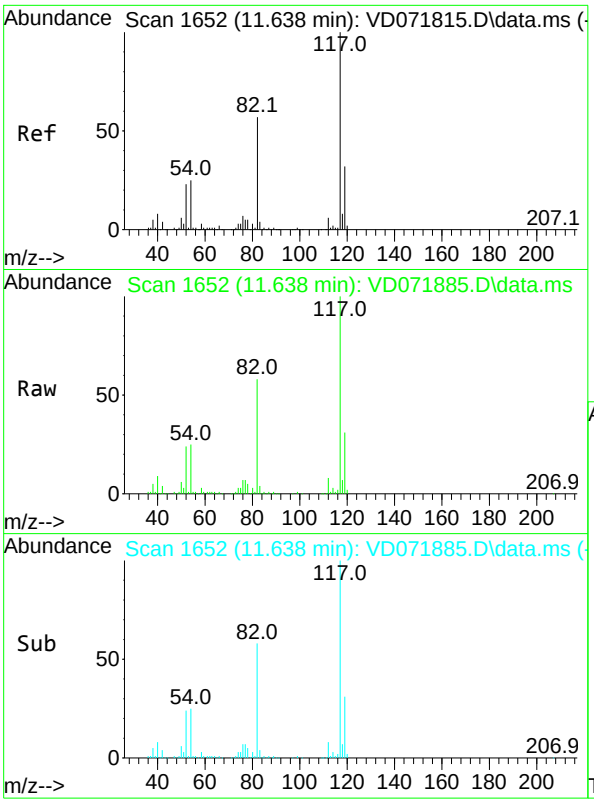


#62
4-Bromofluorobenzene
Concen: 50.569 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 95 Resp: 305864

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	152.8
176	70.5	0.0	145.4



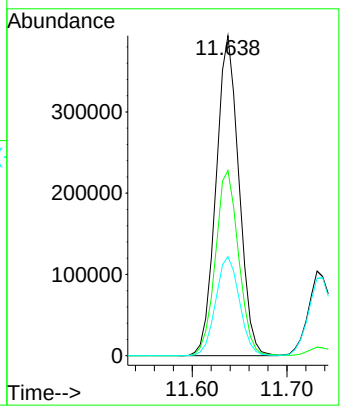


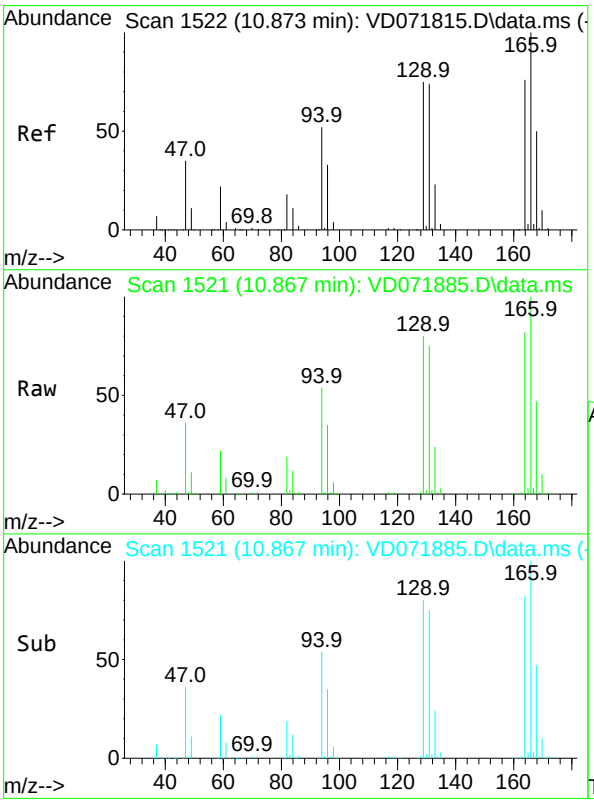
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 661562

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.3	67.9
119	30.9	26.6	40.0

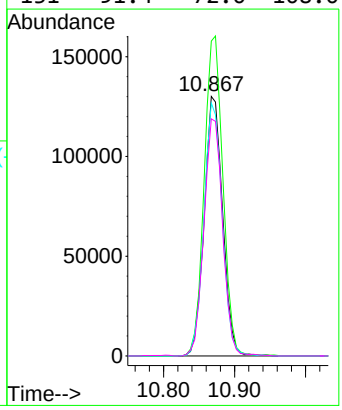


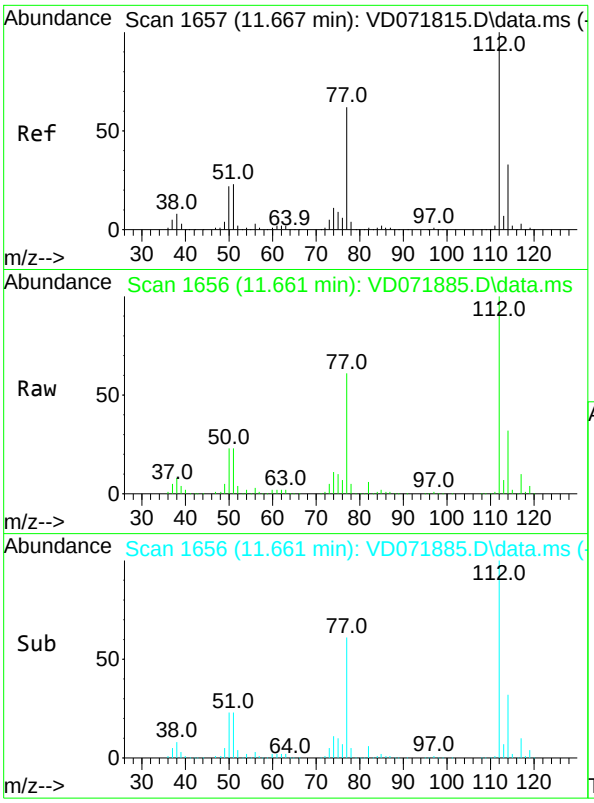


#64
Tetrachloroethene
Concen: 50.233 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:164 Resp: 235068

Ion	Ratio	Lower	Upper
164	100		
166	121.3	98.5	147.7
129	97.5	74.6	111.8
131	91.4	72.0	108.0



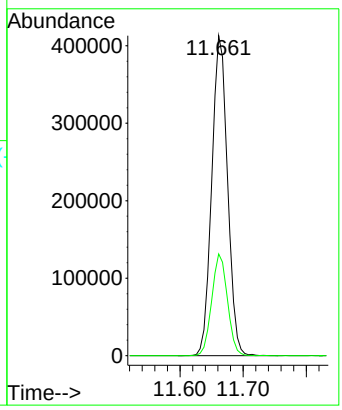


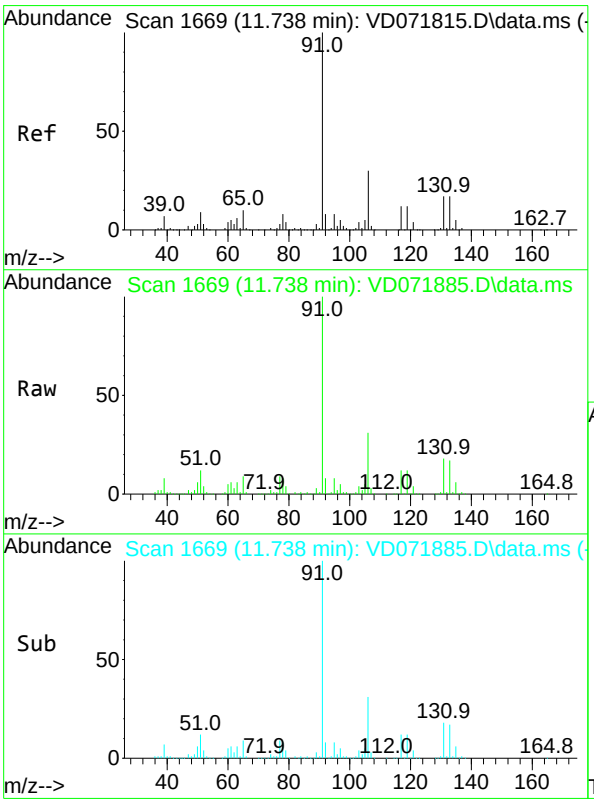
#65
Chlorobenzene
Concen: 51.151 ug/l
RT: 11.661 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 715905

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.6

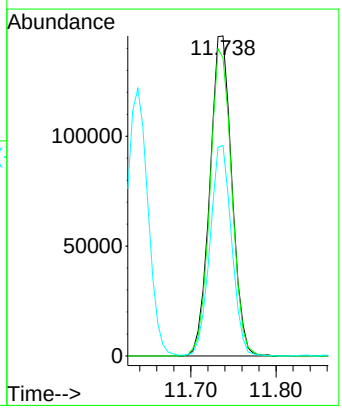


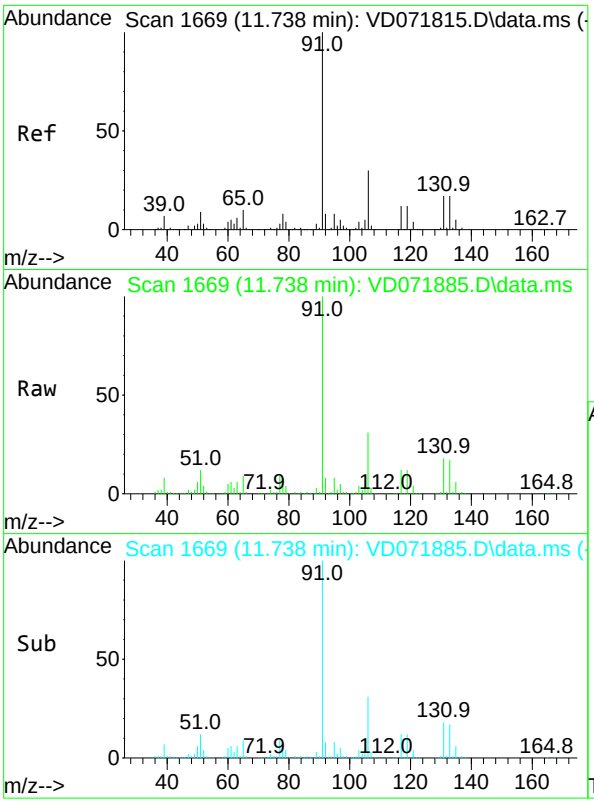


#66
1,1,1,2-Tetrachloroethane
Concen: 51.254 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:131 Resp: 260967

Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.1	144.3
119	64.8	31.9	95.9



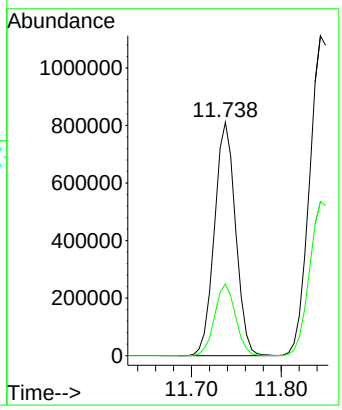


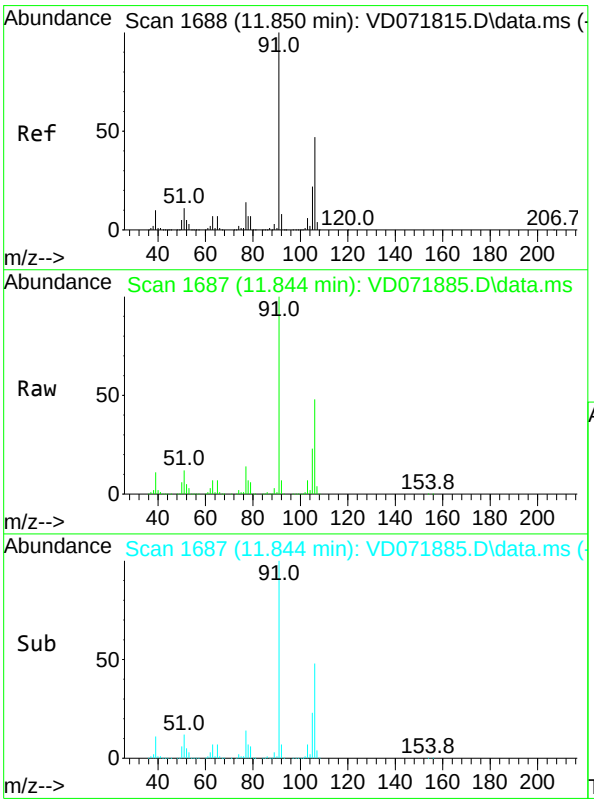
#67
Ethyl Benzene
Concen: 51.443 ug/l
RT: 11.738 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 1324818

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.4

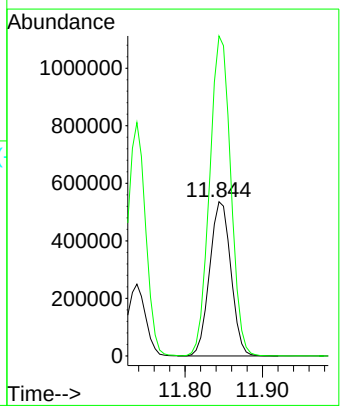


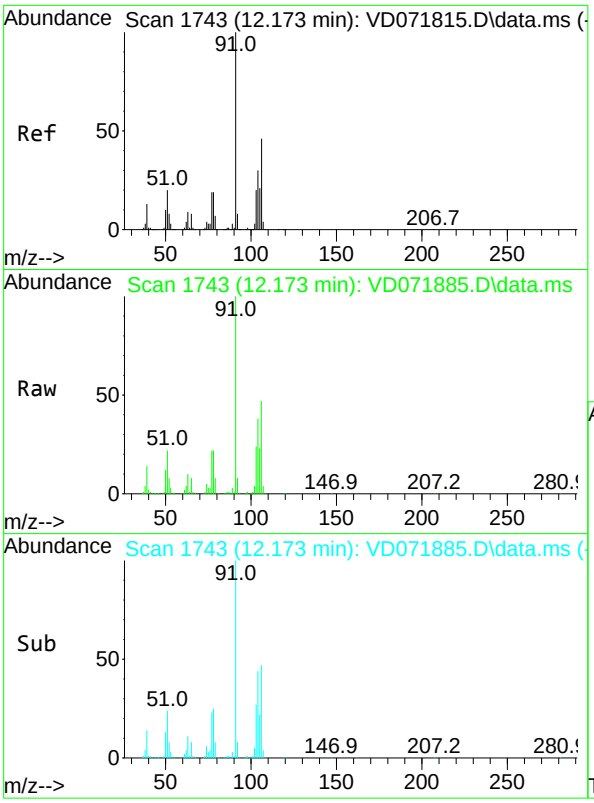


#68
m/p-Xylenes
Concen: 104.523 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:106 Resp: 1023855

Ion	Ratio	Lower	Upper
106	100		
91	206.7	163.7	245.5



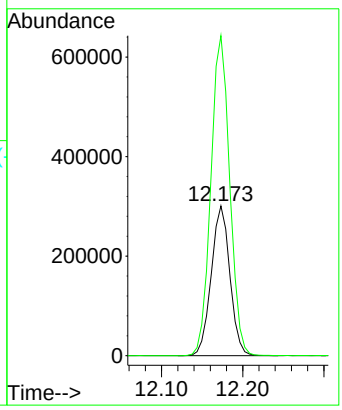


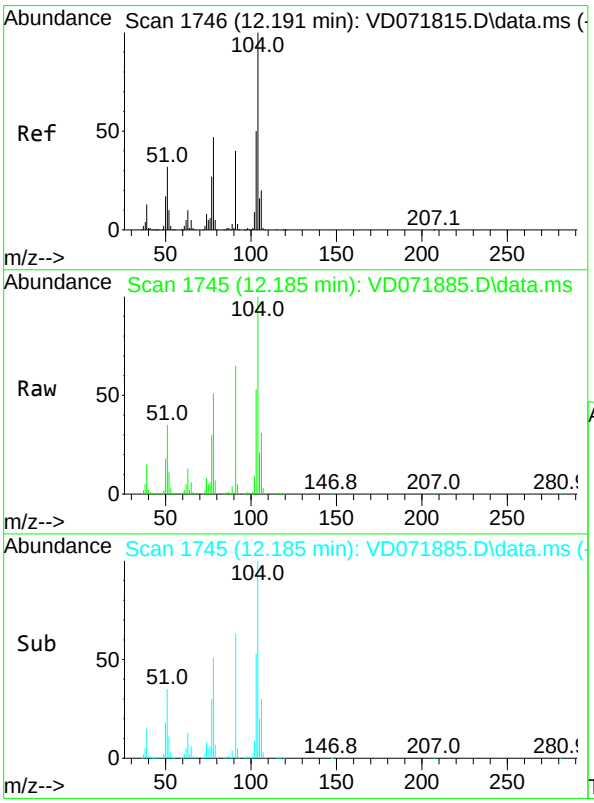
#69
o-Xylene
Concen: 53.882 ug/l
RT: 12.173 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 479643

Ion	Ratio	Lower	Upper
106	100		
91	216.3	110.4	331.2

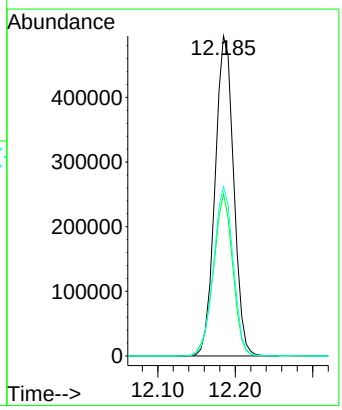


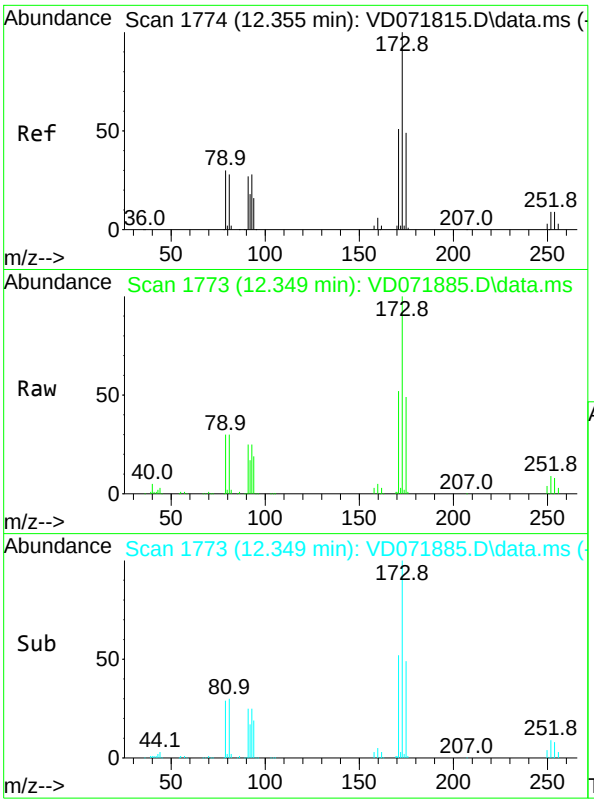


#70
Styrene
Concen: 53.862 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:104 Resp: 826439

Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.8	62.8
103	55.7	44.2	66.4



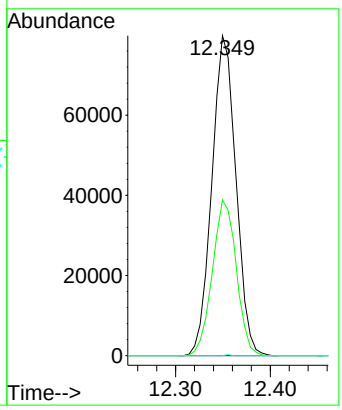


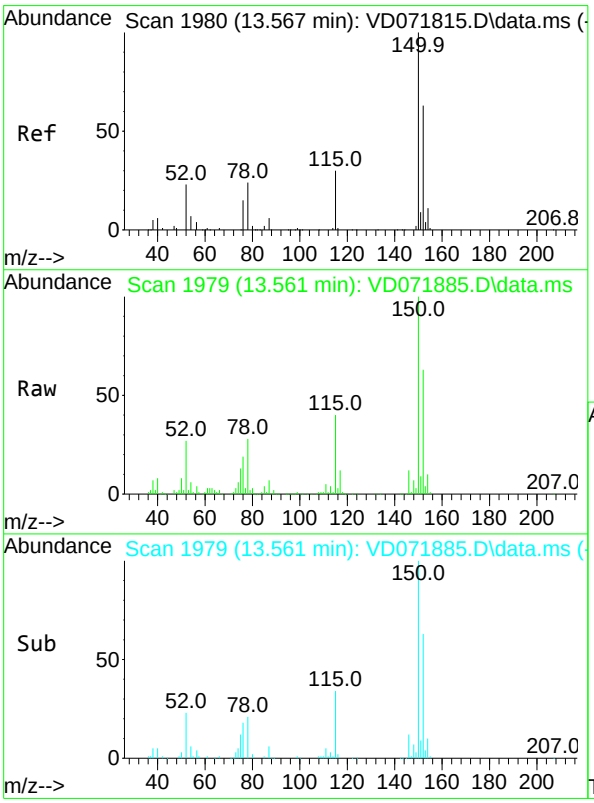
#71
Bromoform
Concen: 51.800 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 140822

Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.8
254	0.1	0.0	0.0#

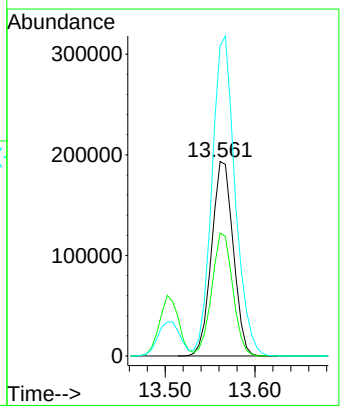


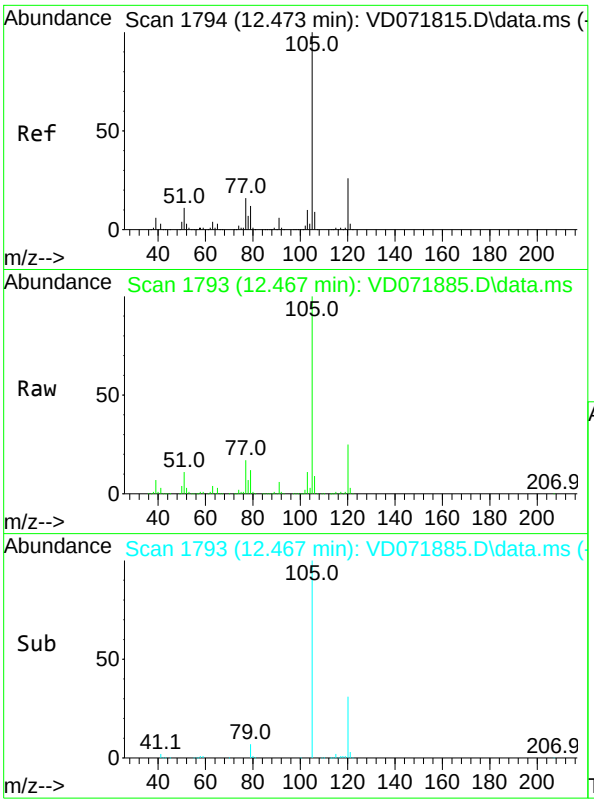


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:152 Resp: 324232

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.3	93.8
150	175.5	0.0	348.6



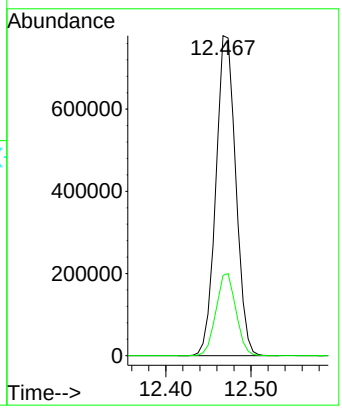


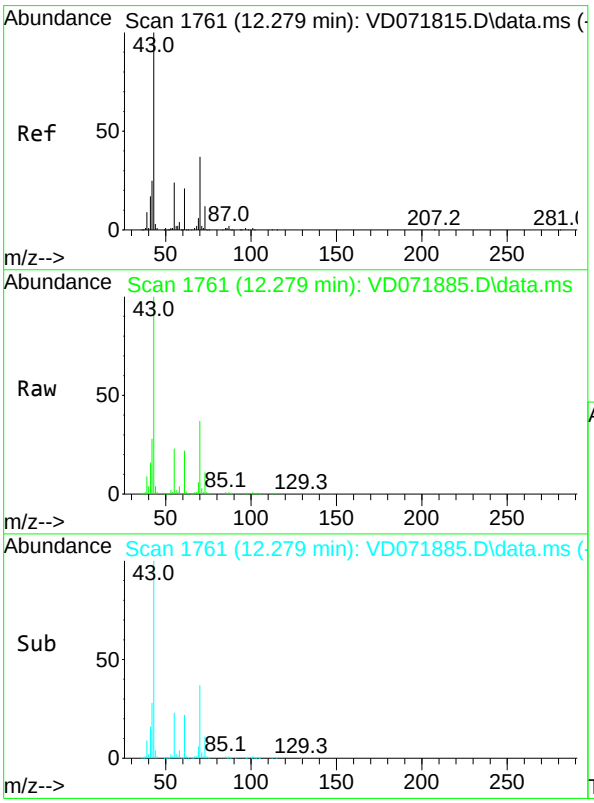
#73
Isopropylbenzene
Concen: 50.347 ug/l
RT: 12.467 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 1264047

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	38.9

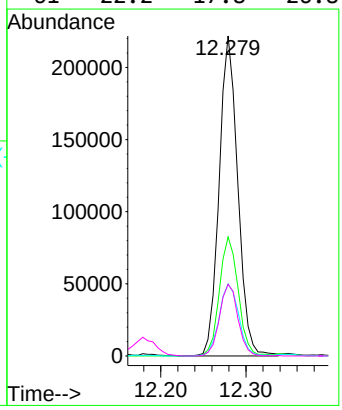


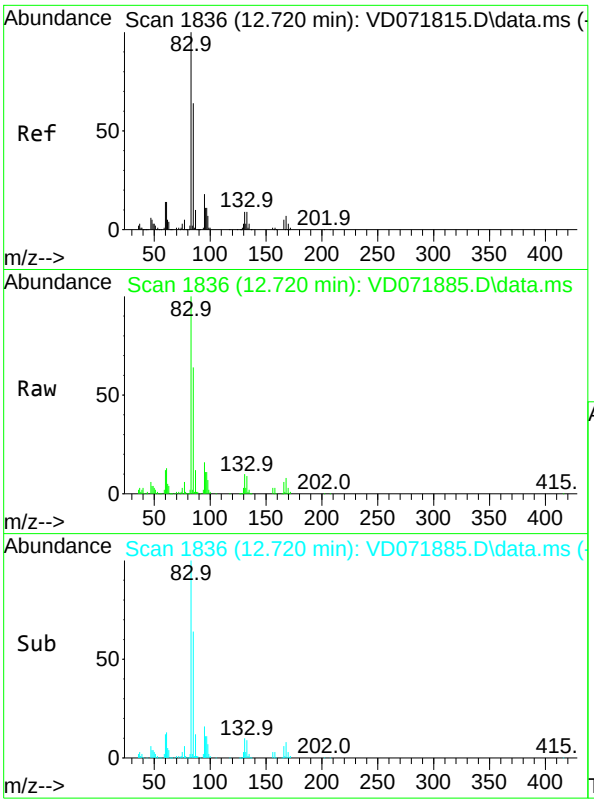


#74
N-amyl acetate
Concen: 54.715 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 43 Resp: 337831

Ion	Ratio	Lower	Upper
43	100		
70	37.5	31.3	46.9
55	23.6	20.0	30.0
61	22.2	17.8	26.8



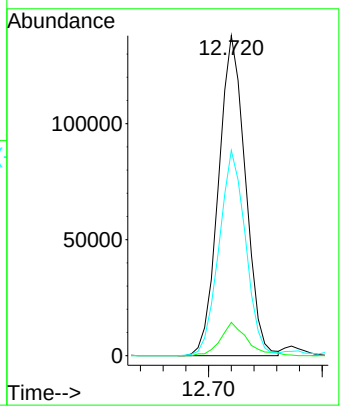


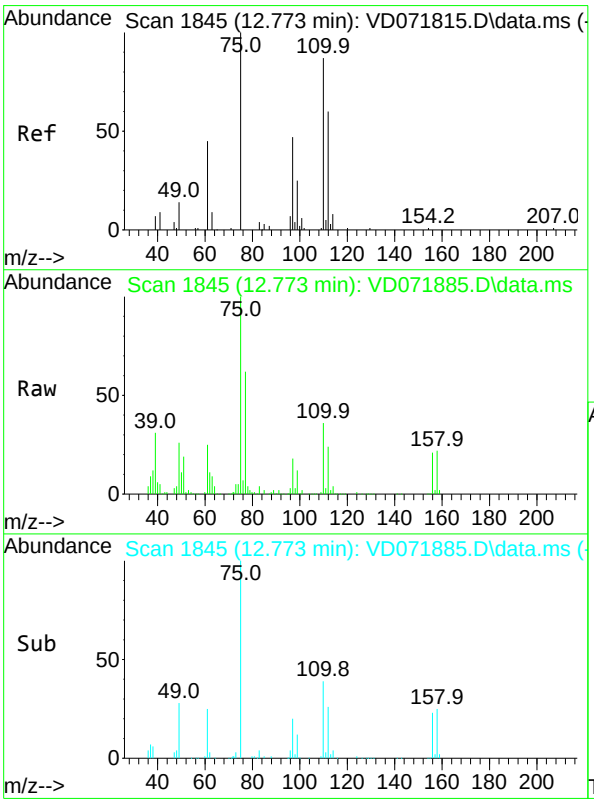
#75
1,1,2,2-Tetrachloroethane
Concen: 48.702 ug/l
RT: 12.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 226275

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	63.4	32.6	98.0

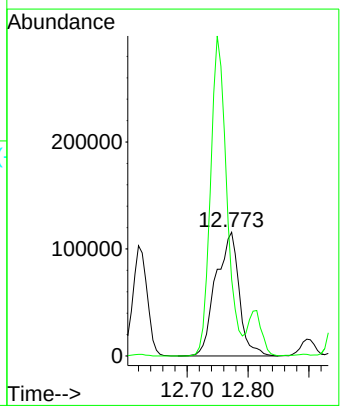


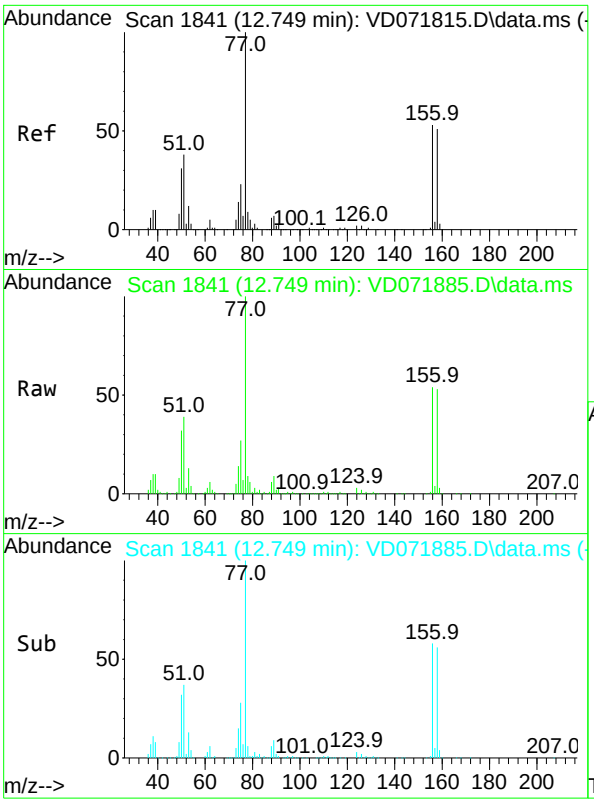


#76
1,2,3-Trichloropropane
Concen: 90.134 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 75 Resp: 307988

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



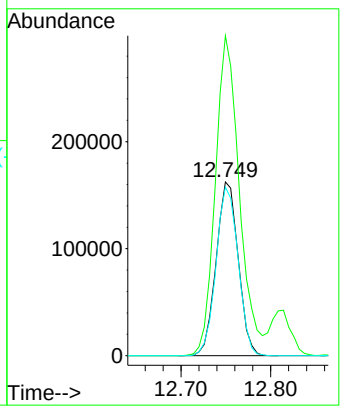


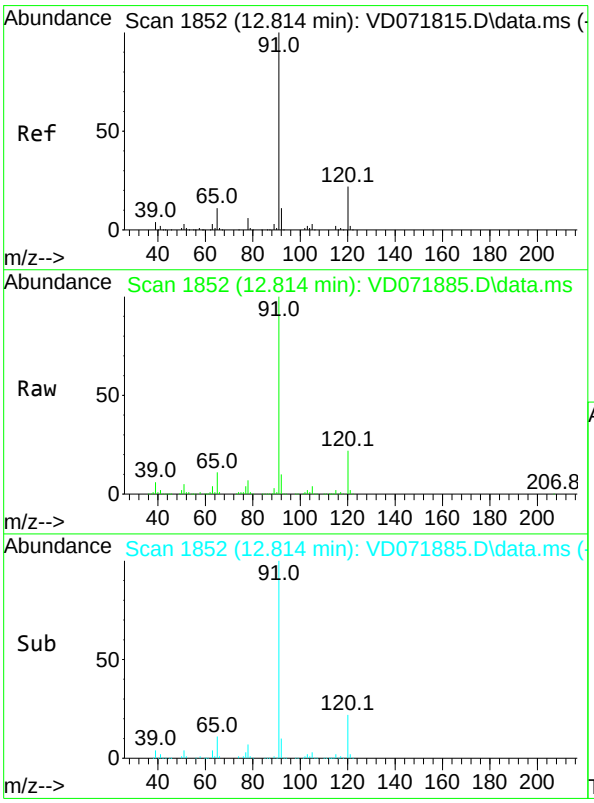
#77
Bromobenzene
Concen: 49.725 ug/l
RT: 12.749 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 277712

Ion	Ratio	Lower	Upper
156	100		
77	199.7	102.8	308.3
158	97.0	48.7	146.1

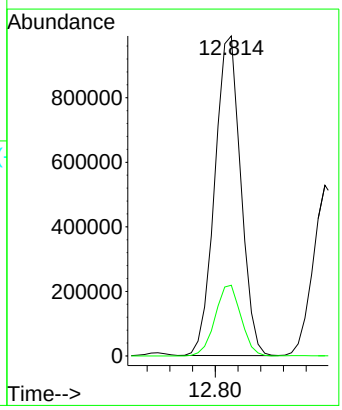


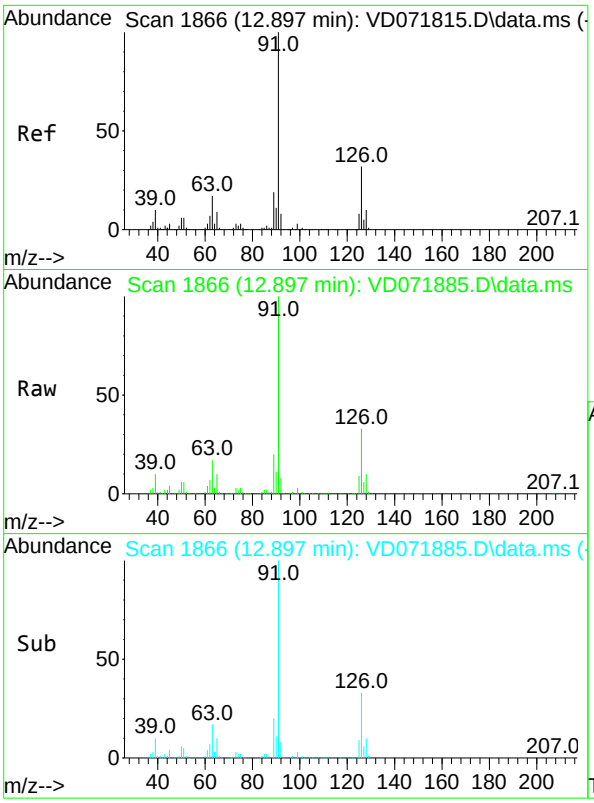


#78
n-propylbenzene
Concen: 49.940 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 91 Resp: 1572179

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.9



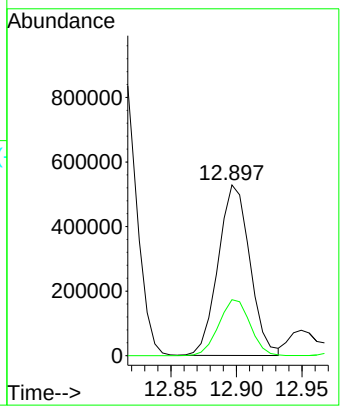


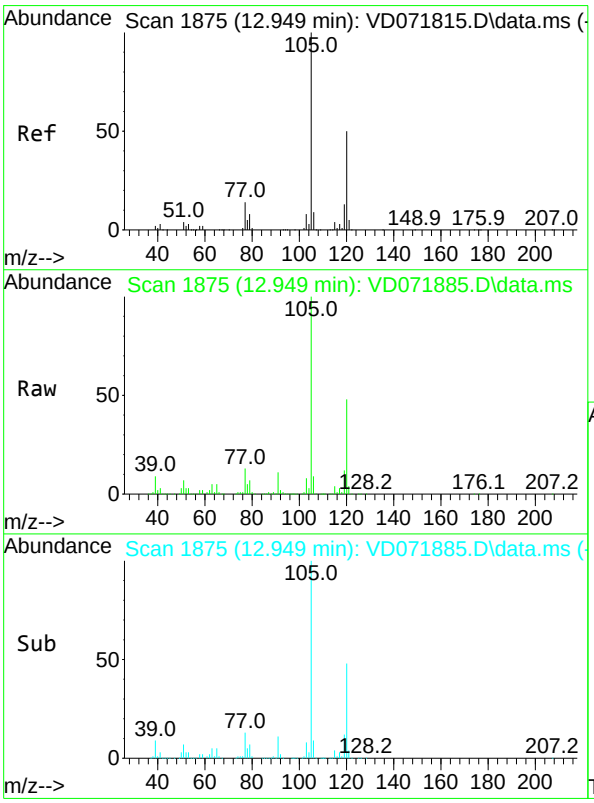
#79
2-Chlorotoluene
Concen: 49.866 ug/l
RT: 12.897 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 889626

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.6

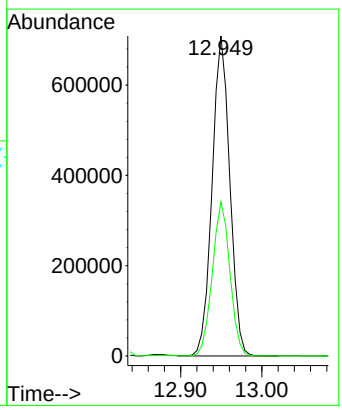


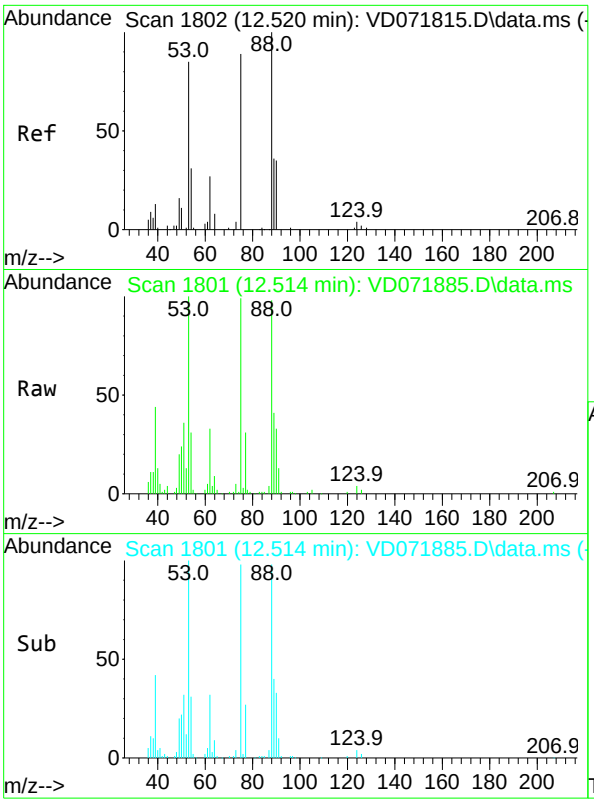


#80
1,3,5-Trimethylbenzene
Concen: 51.510 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:105 Resp: 1072678

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	72.8



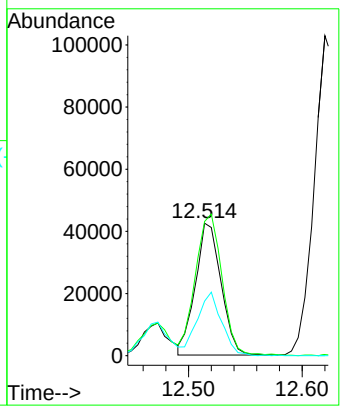


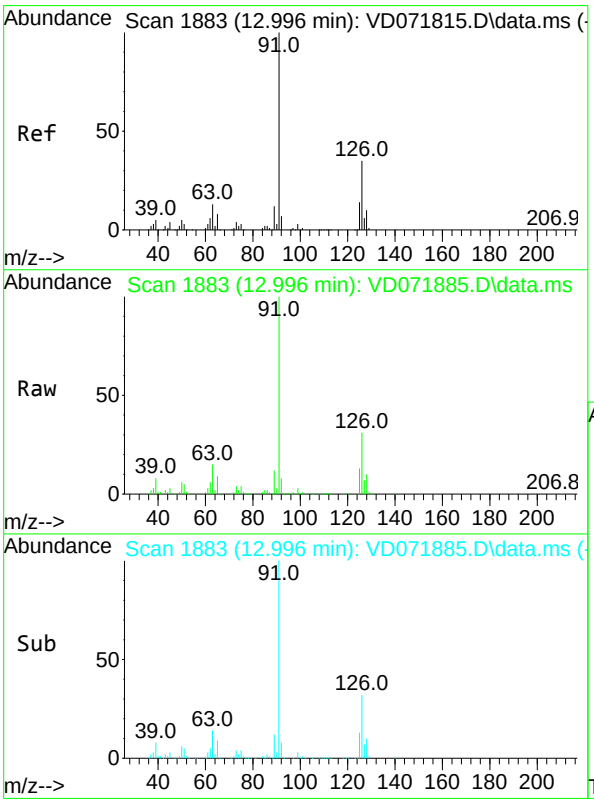
#81
trans-1,4-Dichloro-2-butene
Concen: 48.043 ug/l
RT: 12.514 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 66767

Ion	Ratio	Lower	Upper
75	100		
53	112.2	86.5	129.7
89	46.5	33.9	50.9

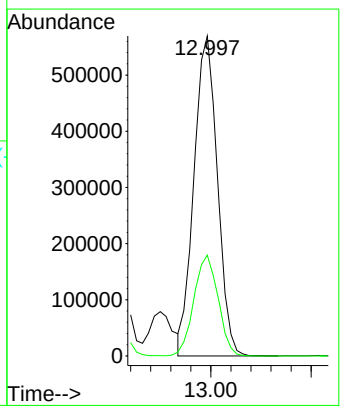


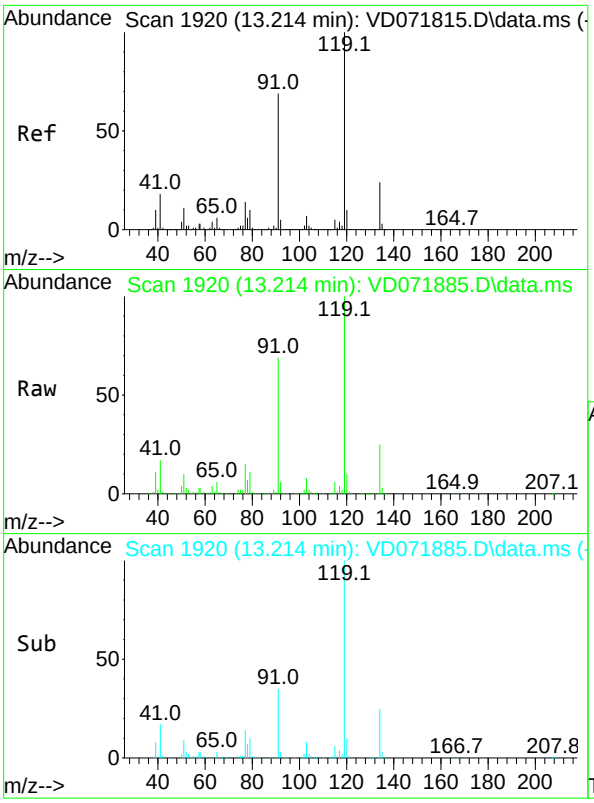


#82
4-Chlorotoluene
Concen: 49.888 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 91 Resp: 925969

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.5	49.5



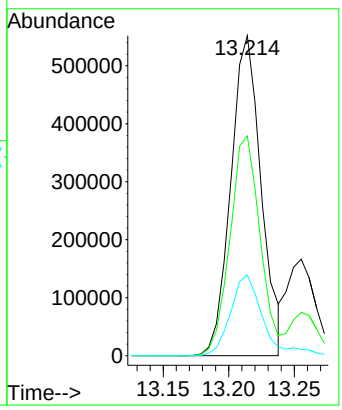


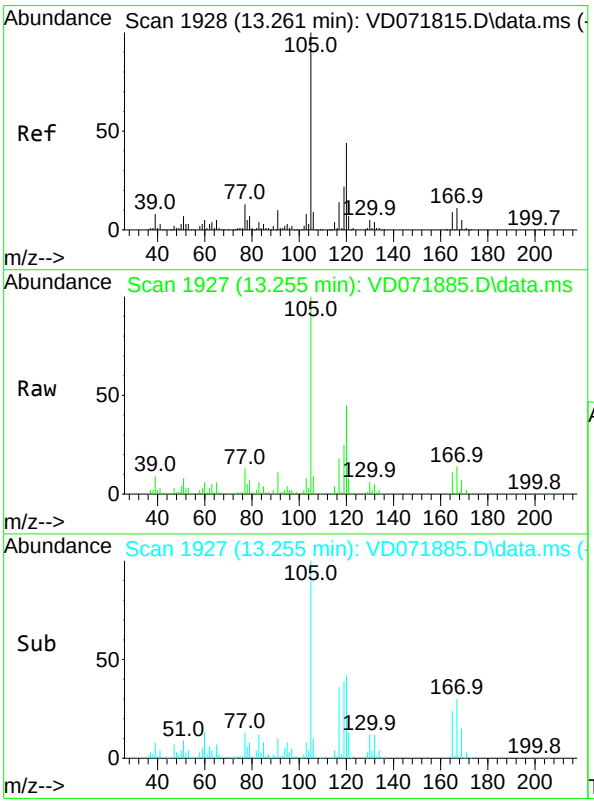
#83
tert-Butylbenzene
Concen: 51.559 ug/l
RT: 13.214 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 889831

Ion	Ratio	Lower	Upper
119	100		
91	67.9	34.8	104.5
134	27.0	13.3	39.9

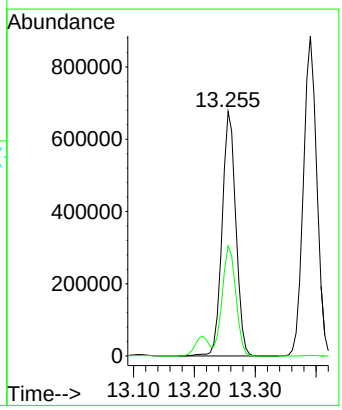


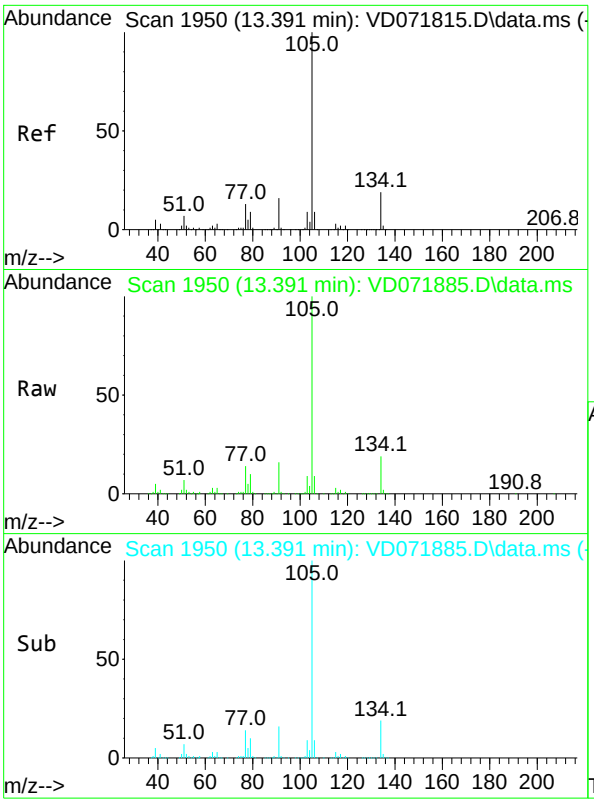


#84
1,2,4-Trimethylbenzene
Concen: 51.729 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:105 Resp: 1059662

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.3	66.8



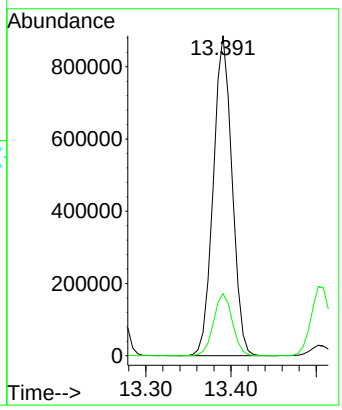


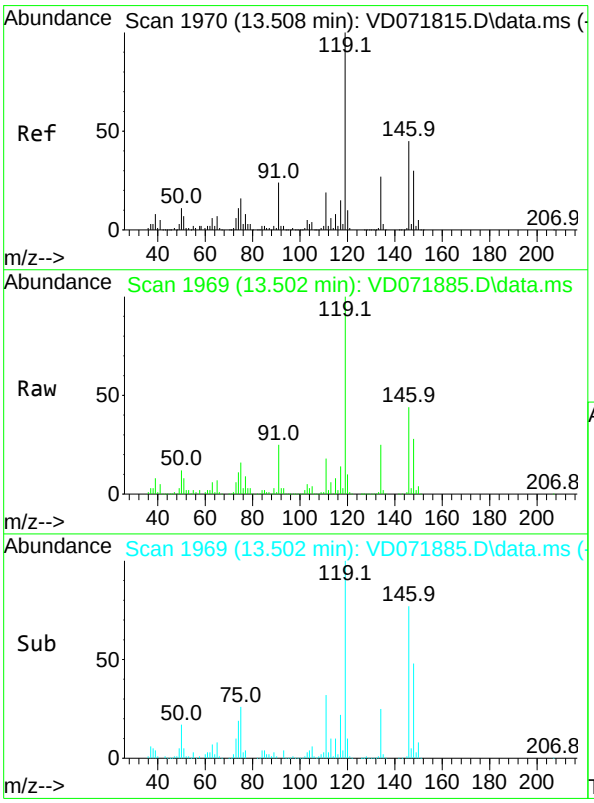
#85
sec-Butylbenzene
Concen: 50.121 ug/l
RT: 13.391 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 1353512

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.3

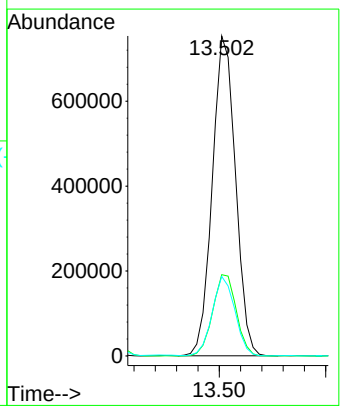


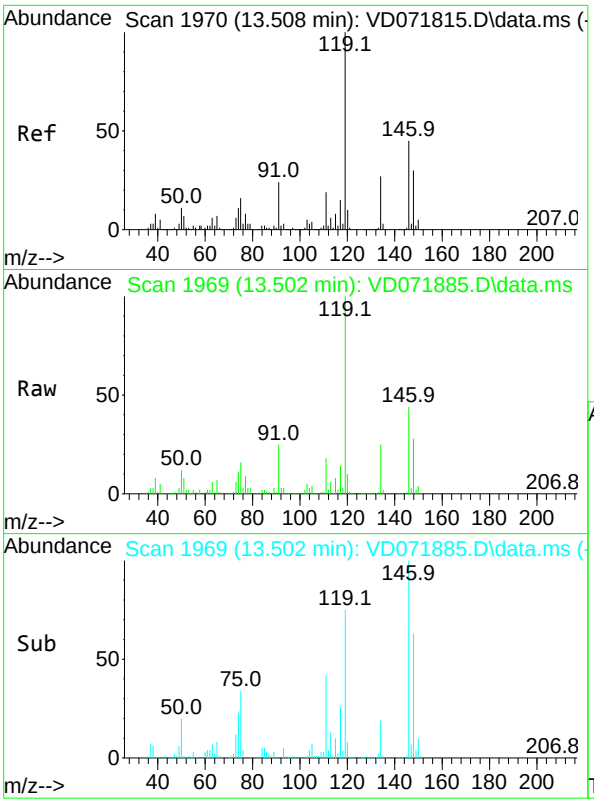


#86
p-Isopropyltoluene
Concen: 51.807 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:119 Resp: 1136861

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.6
91	24.2	12.1	36.3



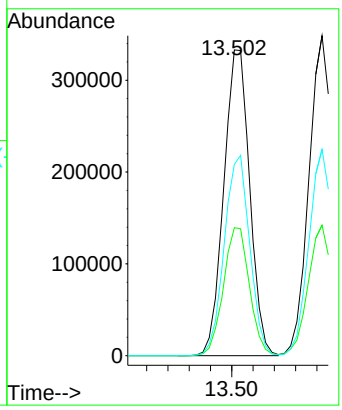


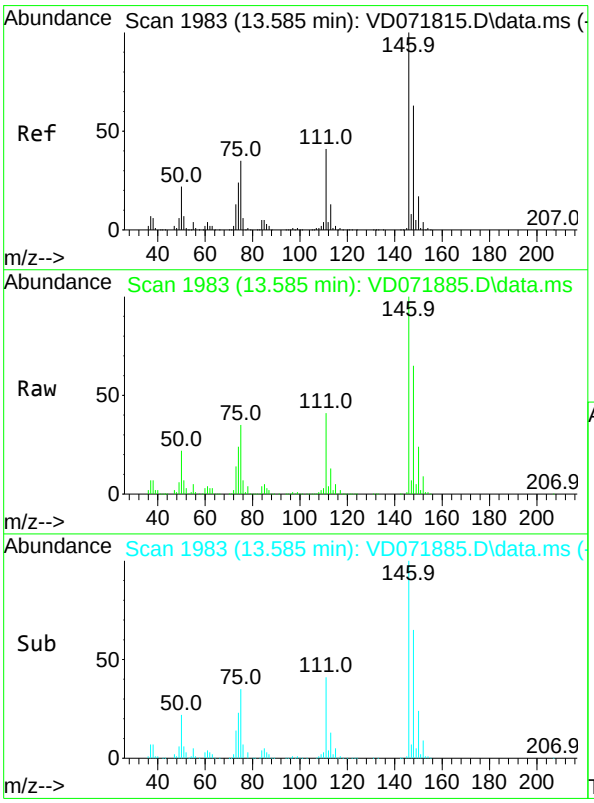
#87
1,3-Dichlorobenzene
Concen: 49.637 ug/l
RT: 13.502 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 562928

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.4	61.3
148	64.4	31.9	95.7

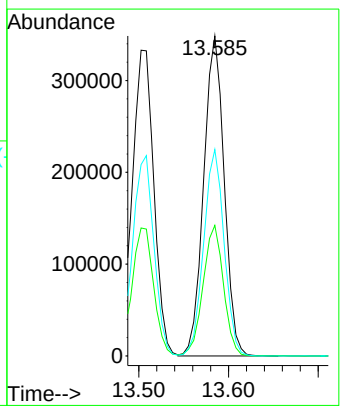


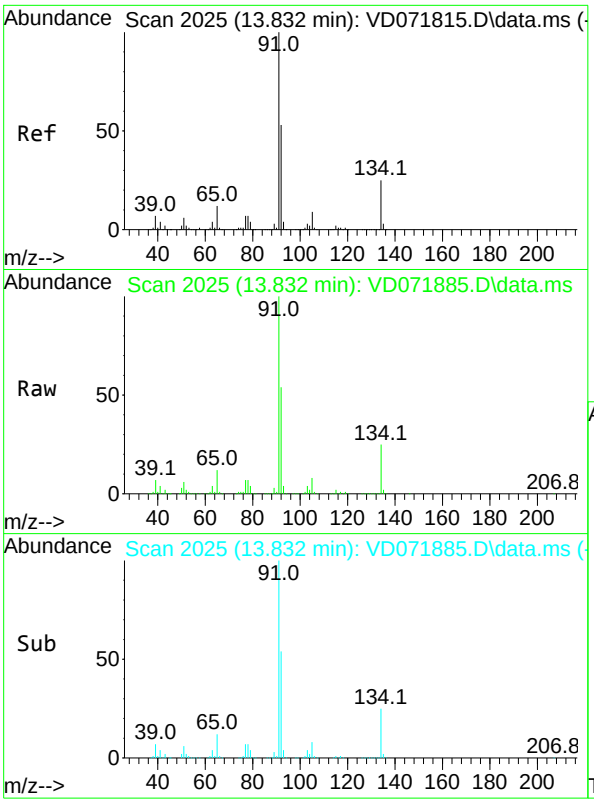


#88
1,4-Dichlorobenzene
Concen: 48.913 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:146 Resp: 553604

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	64.4	31.7	95.1



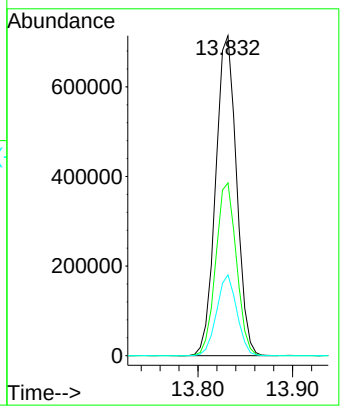


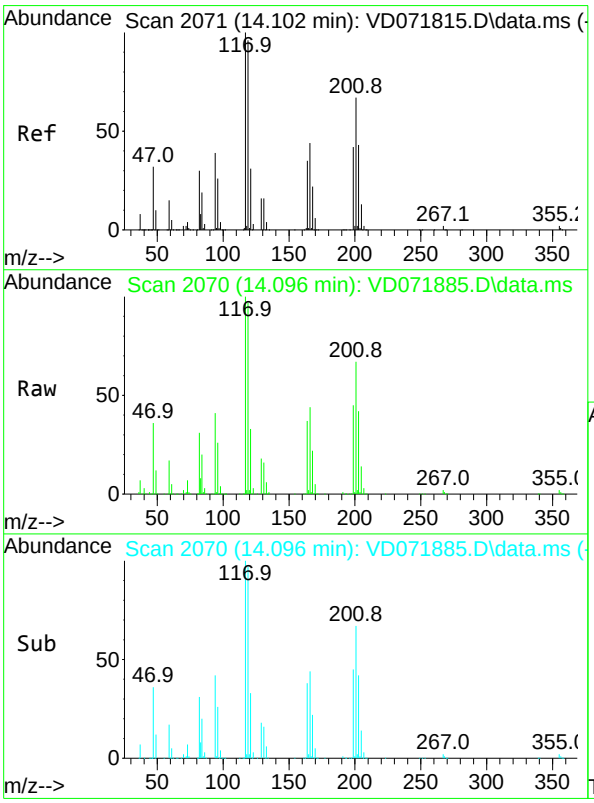
#89
n-Butylbenzene
Concen: 50.903 ug/l
RT: 13.832 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 1095917

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	24.5	12.3	36.9

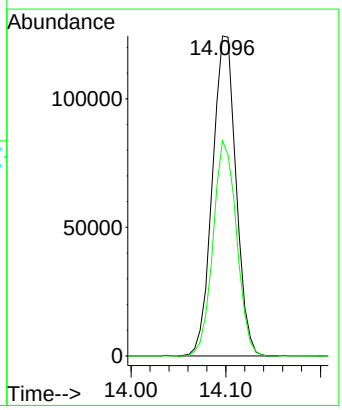


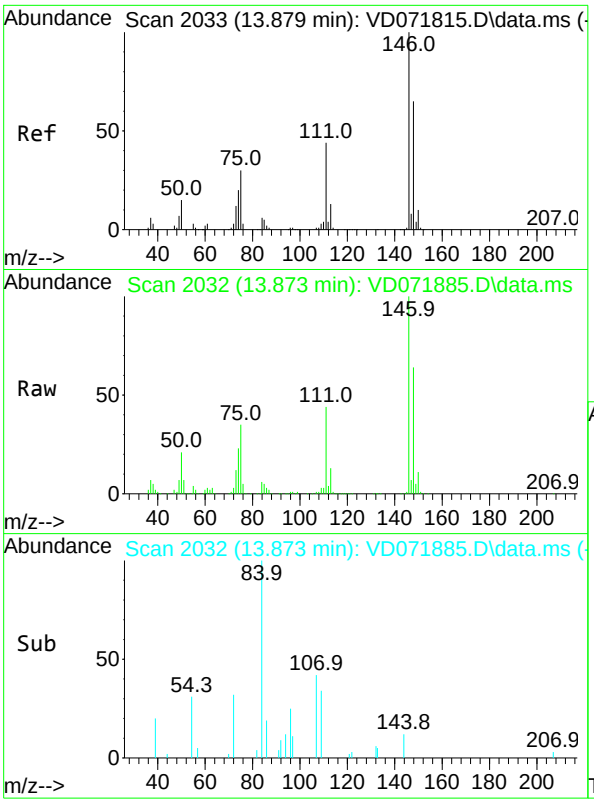


#90
Hexachloroethane
Concen: 49.387 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:117 Resp: 215422

Ion	Ratio	Lower	Upper
117	100		
201	66.9	33.4	100.2



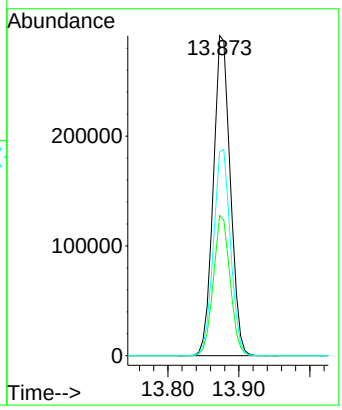


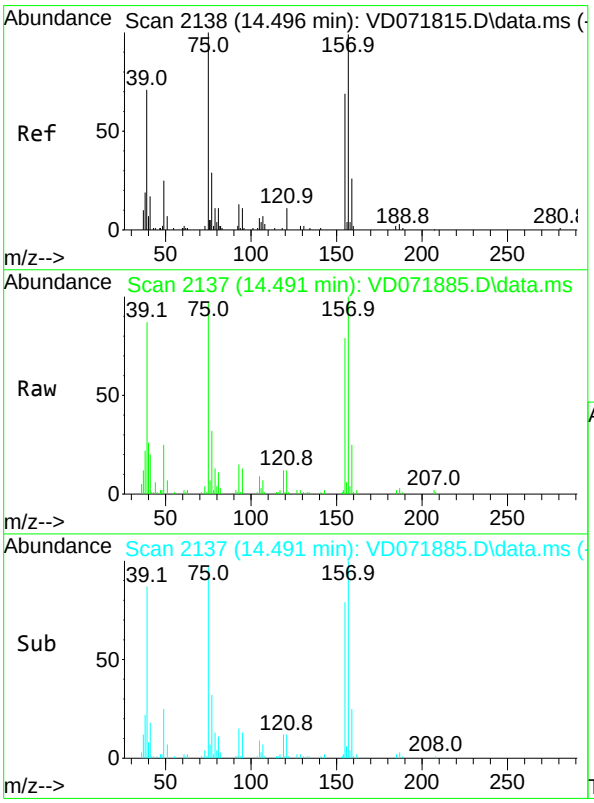
#91
1,2-Dichlorobenzene
Concen: 49.785 ug/l
RT: 13.873 min Scan# 2(
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 483167

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.3
148	64.7	31.7	95.1

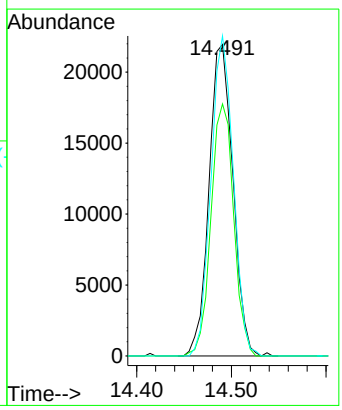


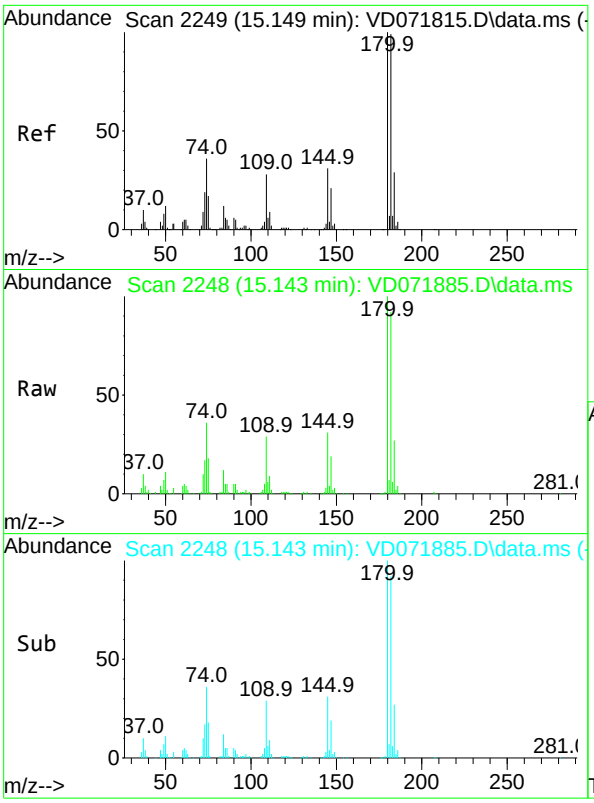


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.085 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion: 75 Resp: 38539

Ion	Ratio	Lower	Upper
75	100		
155	76.7	36.8	110.3
157	96.1	48.4	145.0



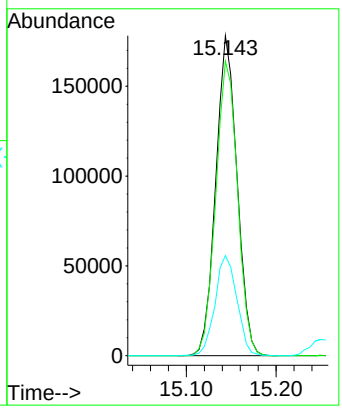


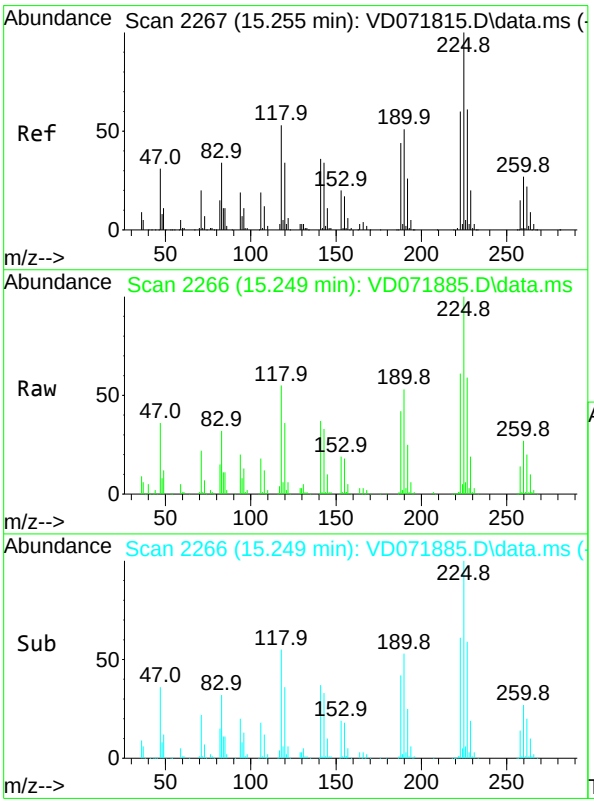
#93
1,2,4-Trichlorobenzene
Concen: 51.792 ug/l
RT: 15.143 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 293635

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	142.0
145	32.1	16.2	48.5

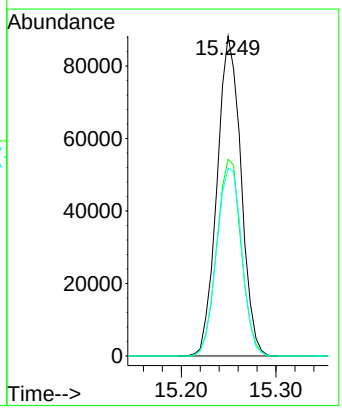


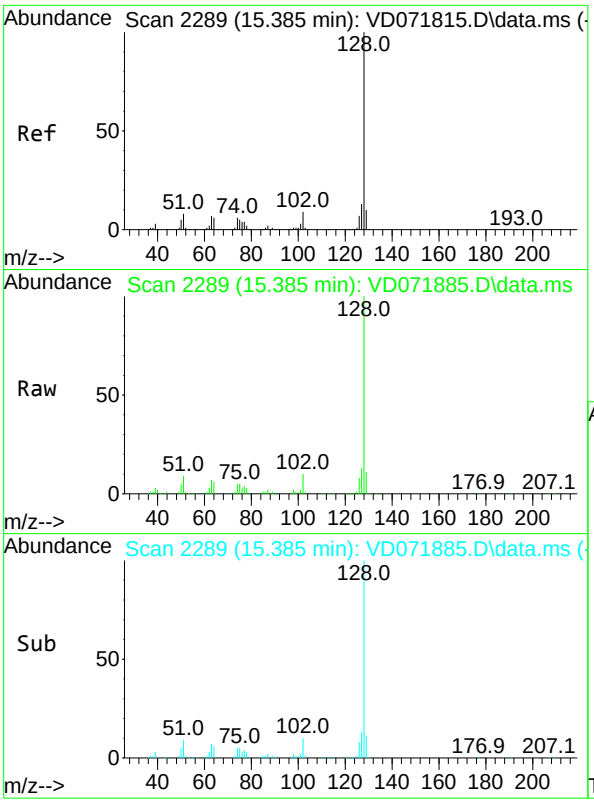


#94
Hexachlorobutadiene
Concen: 50.239 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:225 Resp: 155307

Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.1	93.2
227	61.6	32.4	97.0



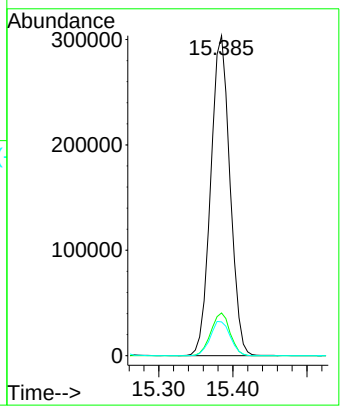


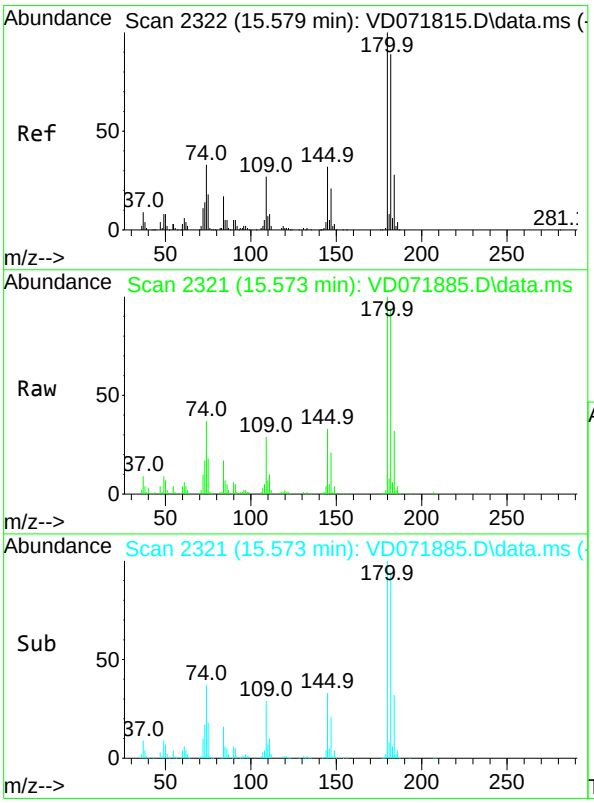
#95
Naphthalene
Concen: 48.602 ug/l
RT: 15.385 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :

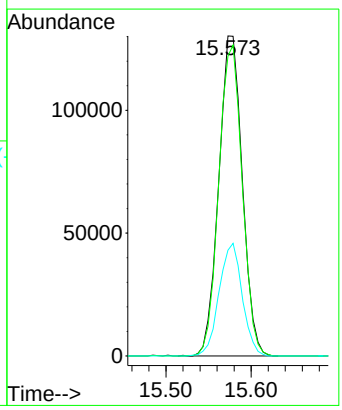
Tgt Ion:128 Resp: 546943

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.1	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 51.554 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD071885.D
Acq: 03 Feb 2022 10:28

Tgt Ion:180 Resp: 250526

Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.9
145	34.6	17.1	51.3