Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
Data File : VD073862.D
Acq On : 19 Jul 2022 15:40
Operator : VA/SY
Sample : N3688-03
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Quant Time: Jul 19 16:31:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:56:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	89612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	193095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	166625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	58173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64006	59.815	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.620%			
35) Dibromofluoromethane	7.909	113	69717	51.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.360%			
50) Toluene-d8	10.332	98	225774	45.655	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.300%			
62) 4-Bromofluorobenzene	12.620	95	68625	40.361	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	92	Below Cal	#	43
3) Chloromethane	2.209	50	1852	Below Cal		92
11) Tert butyl alcohol	5.215	59	541	Below Cal	#	74
13) Acrolein	4.073	56	55	1.107	ug/l #	14
16) Acetone	4.156	43	1988	11.322	ug/l	99
18) Methyl Acetate	4.715	43	167	Below Cal	#	55
20) Methylene Chloride	4.950	84	21460	6.416	ug/l #	78
25) 2-Butanone	7.191	43	886	3.555	ug/l #	52
31) Cyclohexane	7.967	56	2300	1.353	ug/l #	3
36) 1,1-Dichloropropene	7.967	75	8038	4.090	ug/l #	51
38) Carbon Tetrachloride	7.973	117	10081	4.492	ug/l #	15
49) 1,4-Dioxane	9.526	88	54	6.584	ug/l #	21
59) 2-Hexanone	10.973	43	486	1.007	ug/l #	43
76) 1,2,3-Trichloropropane	12.620	75	37052	59.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	37052	160.184	ug/l #	7
96) 1,2,3-Trichlorobenzene	15.596	180	1667	1.813	ug/l #	14

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

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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
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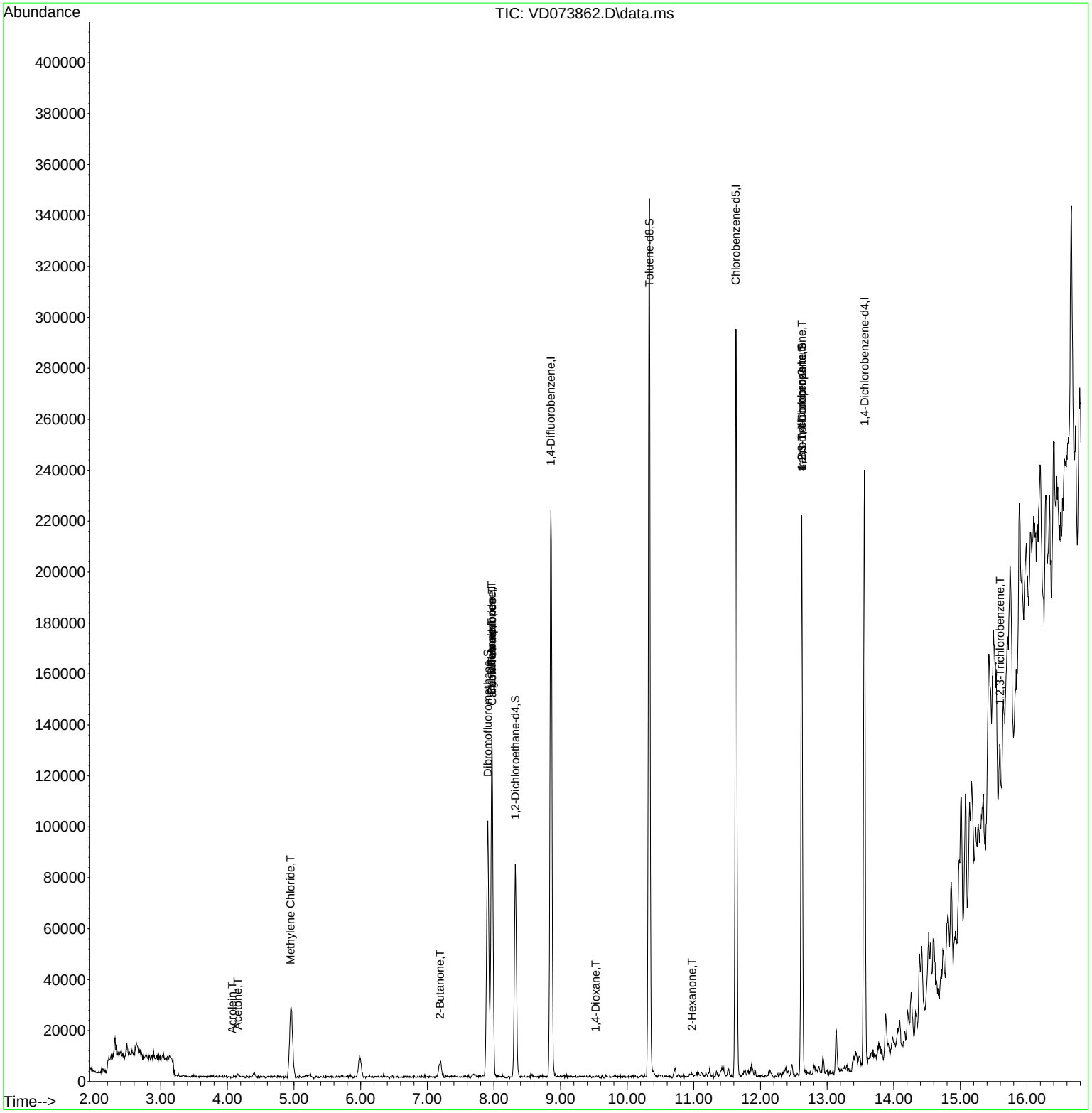
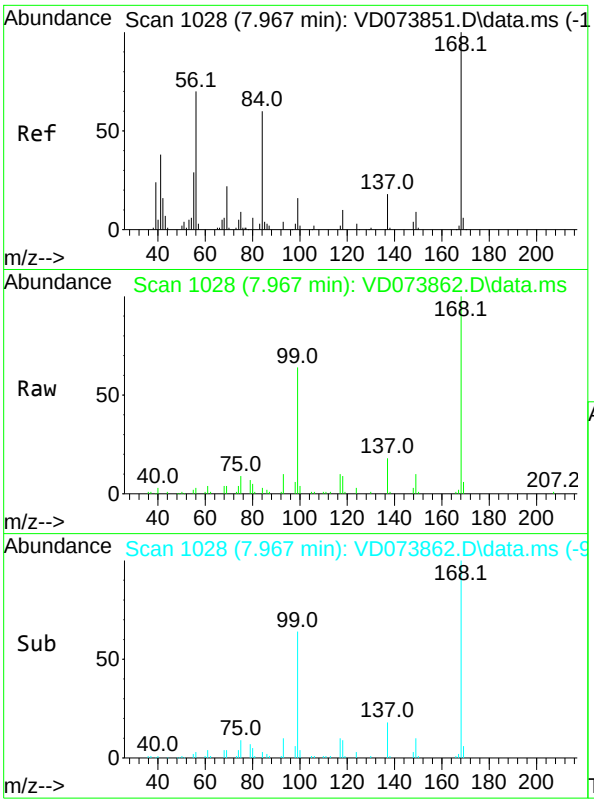
ClientSampleId :
VNJ-240

Quant Time: Jul 19 16:31:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:56:16 2022
Response via : Initial Calibration



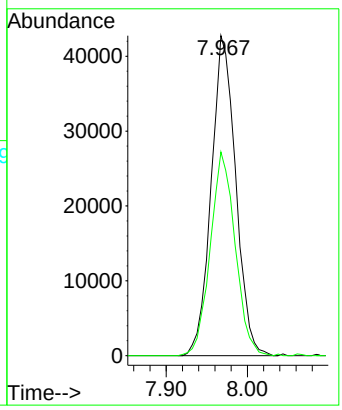


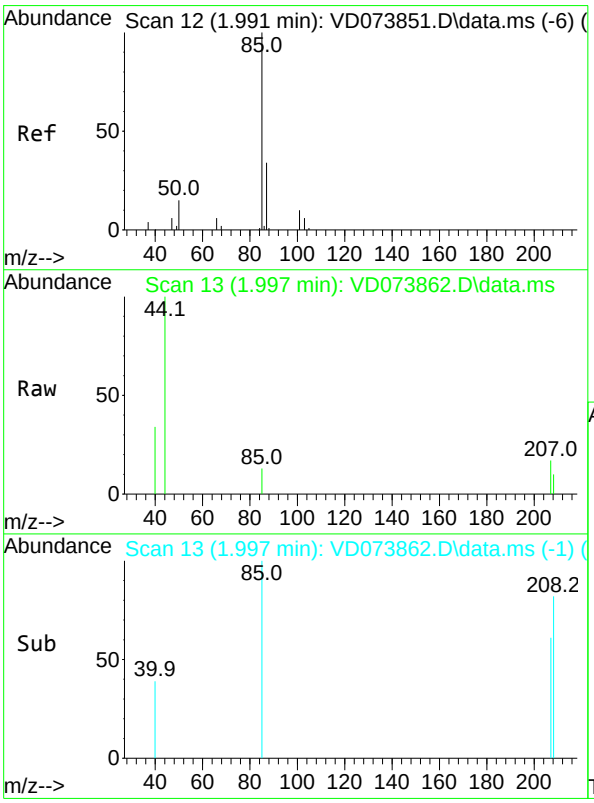
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion:168 Resp: 89612

Ion	Ratio	Lower	Upper
168	100		
99	63.7	49.8	74.6

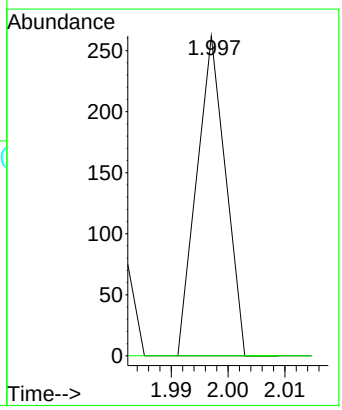


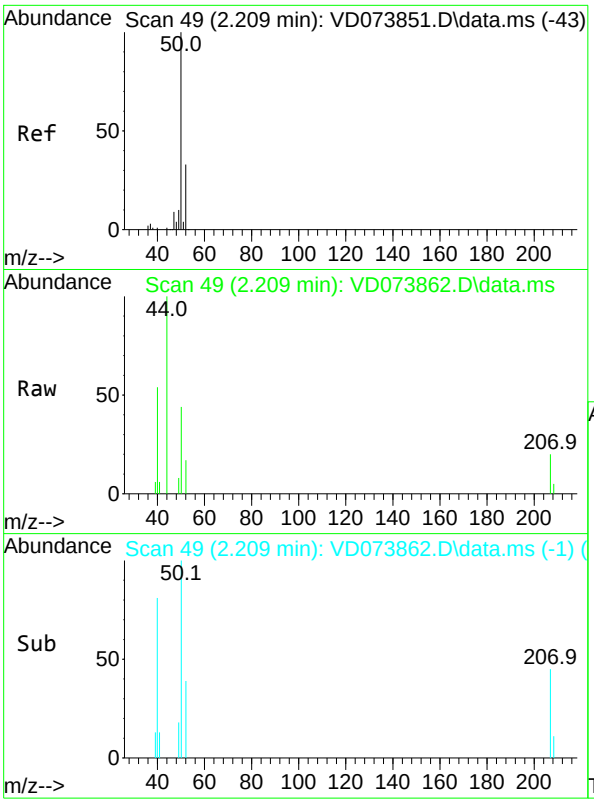


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 85 Resp: 92

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.7	47.0#



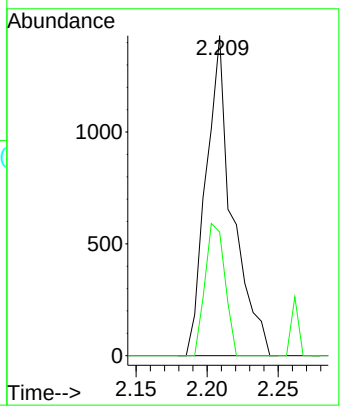


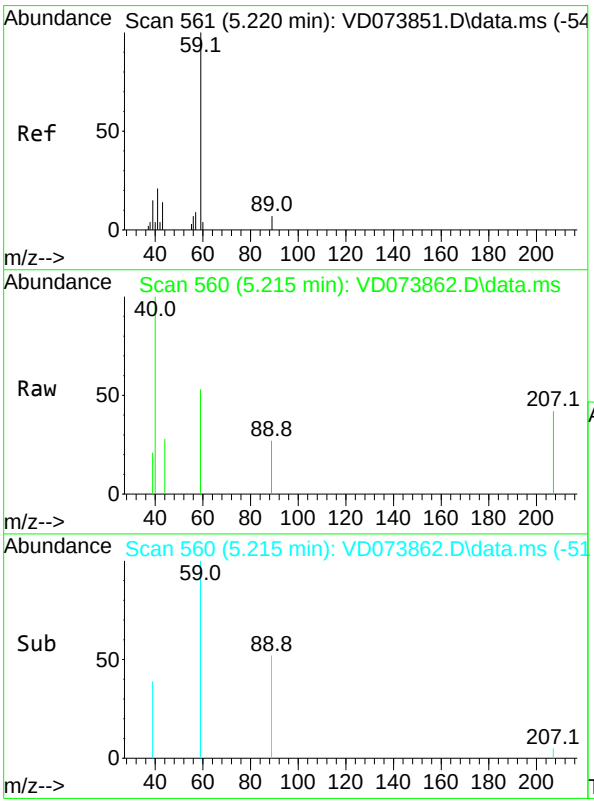
#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 4
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 50 Resp: 1852

Ion	Ratio	Lower	Upper
50	100		
52	38.6	27.4	41.0

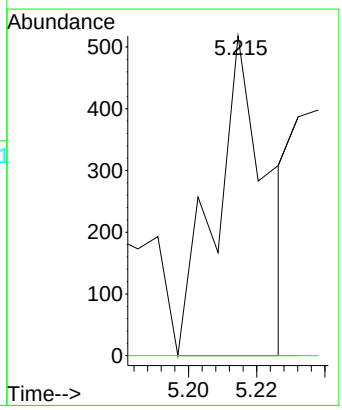


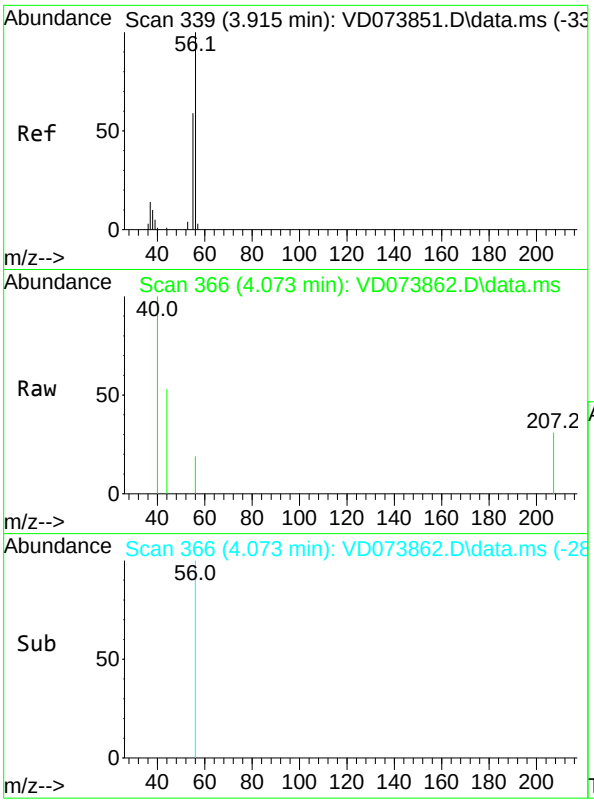


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 59 Resp: 541

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



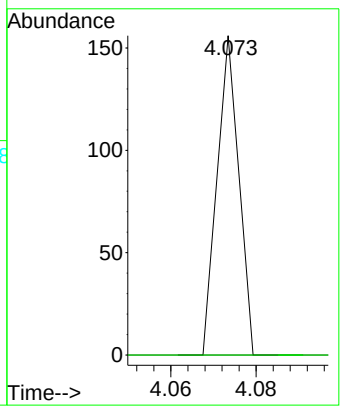


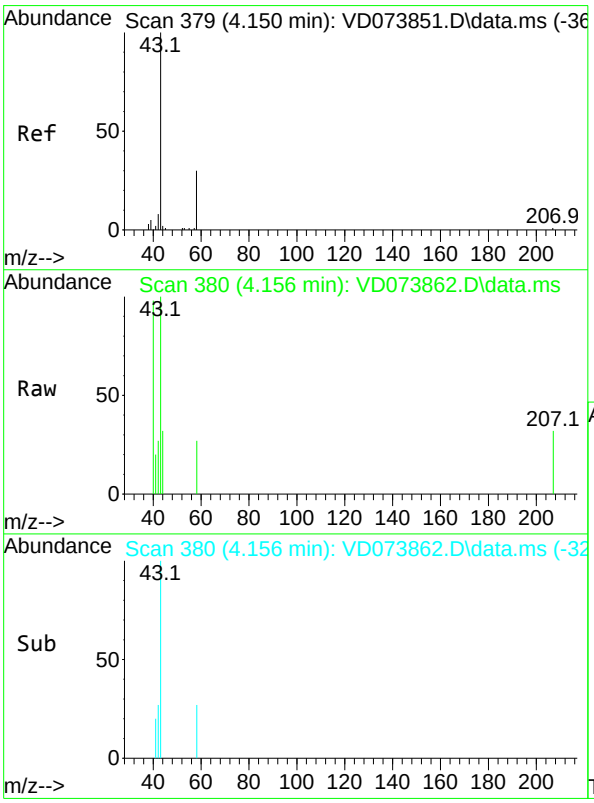
#13
Acrolein
Concen: 1.107 ug/l
RT: 4.073 min Scan# 3
Delta R.T. 0.159 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 56 Resp: 55

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.1	85.7#

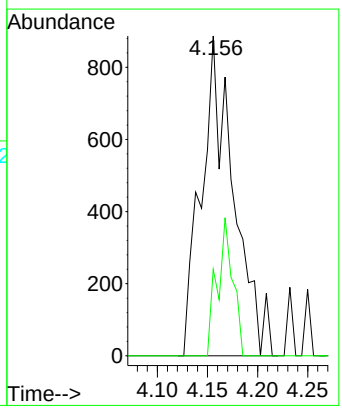


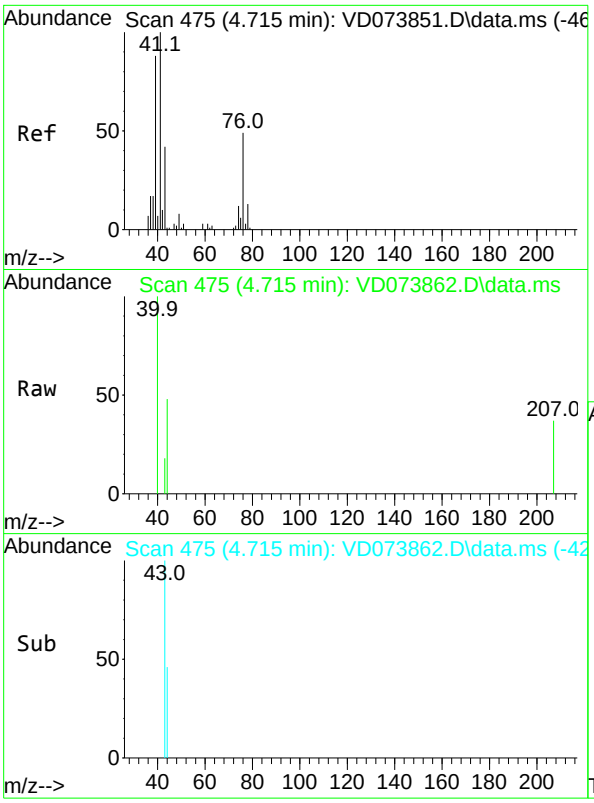


#16
Acetone
Concen: 11.322 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 43 Resp: 1988

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.1	33.1



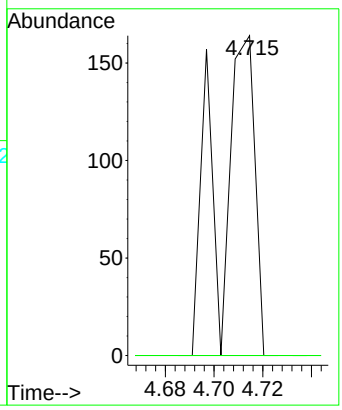


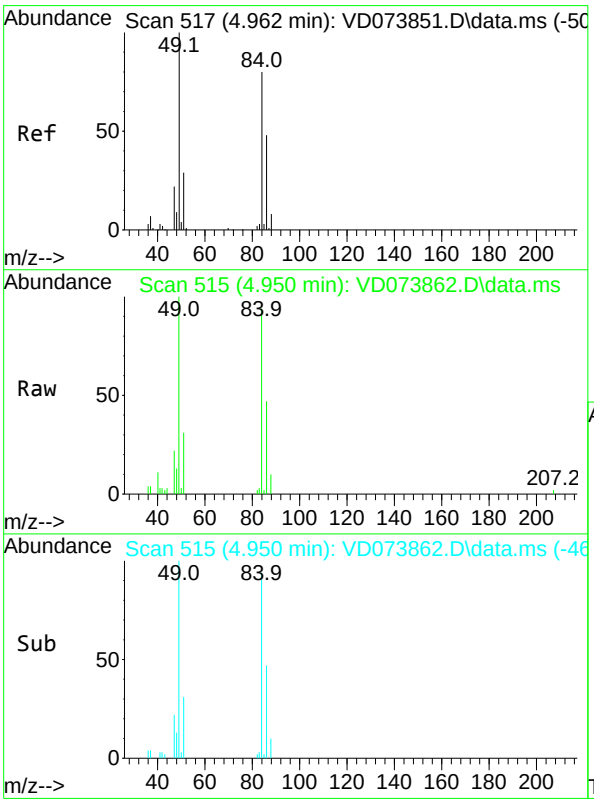
#18
Methyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 43 Resp: 167

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.7	25.1#

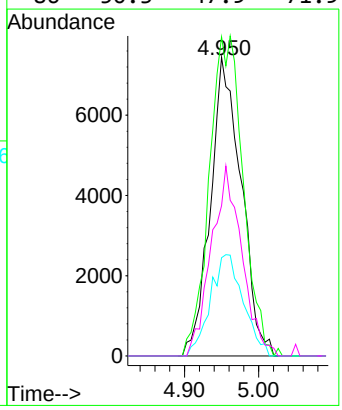


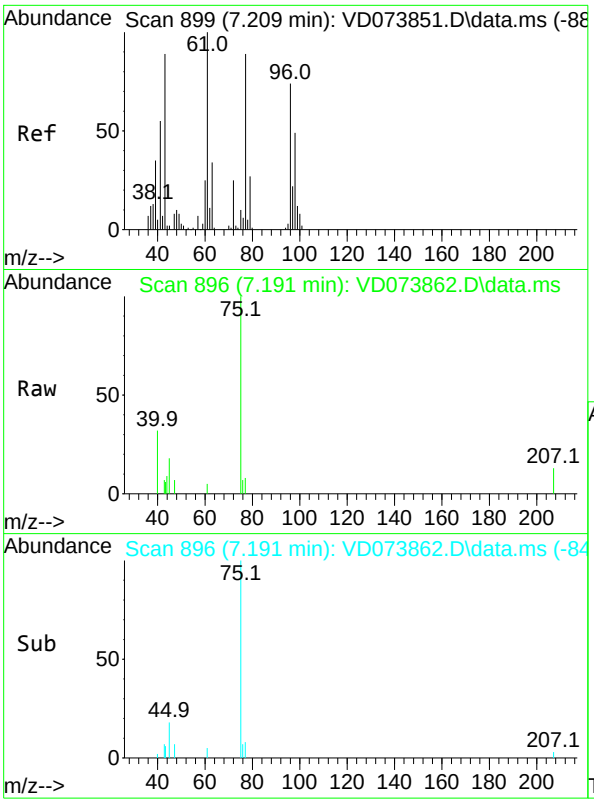


#20
Methylene Chloride
Concen: 6.416 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 84 Resp: 21460

Ion	Ratio	Lower	Upper
84	100		
49	106.8	112.8	169.2#
51	32.9	32.6	48.8
86	50.3	47.9	71.9



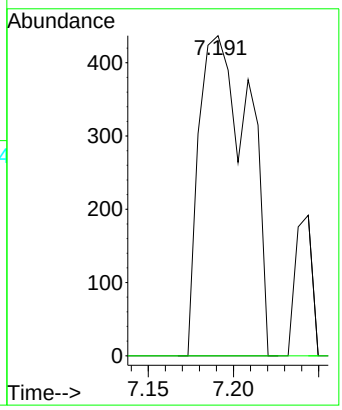


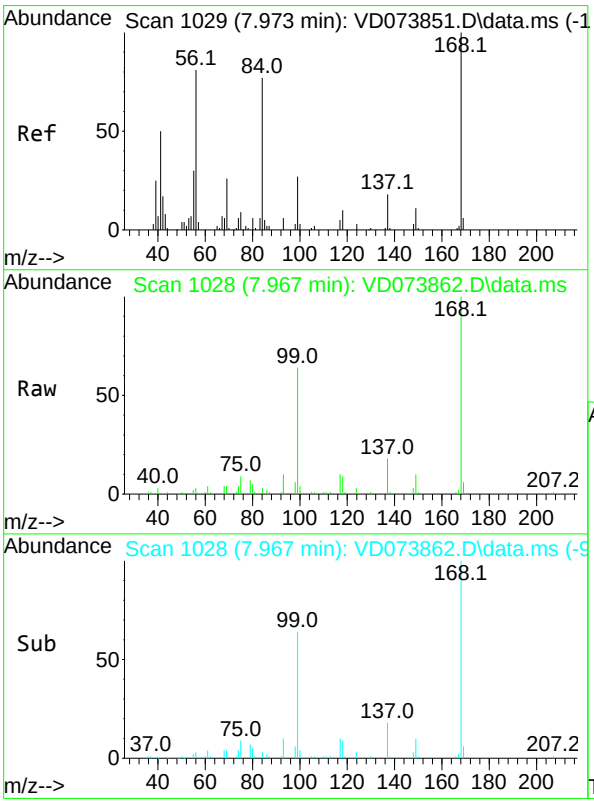
#25
2-Butanone
Concen: 3.555 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.018 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 43 Resp: 886

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

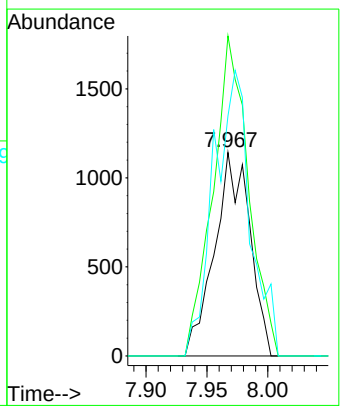


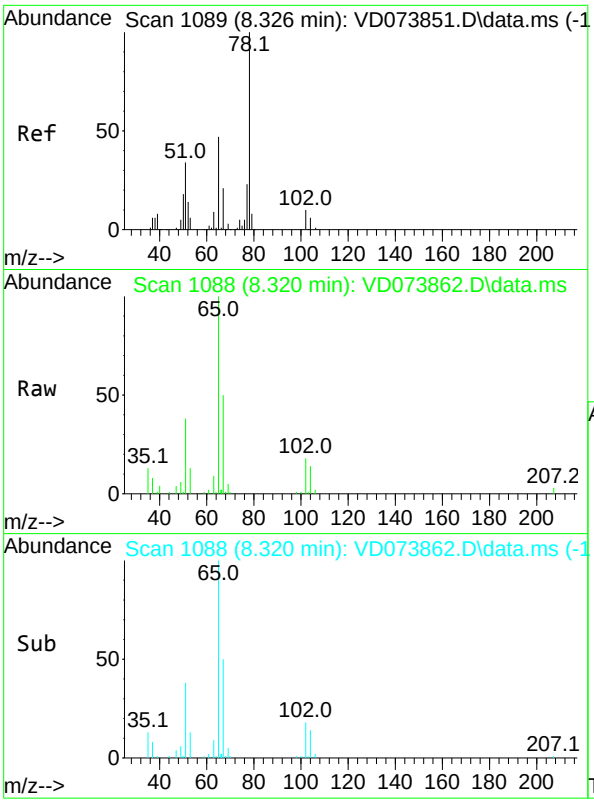


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 56 Resp: 2300

Ion	Ratio	Lower	Upper
56	100		
69	157.2	25.4	38.2#
84	117.9	63.0	94.4#



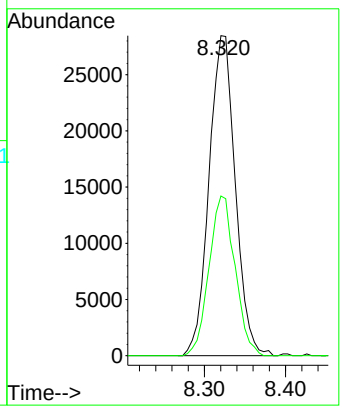


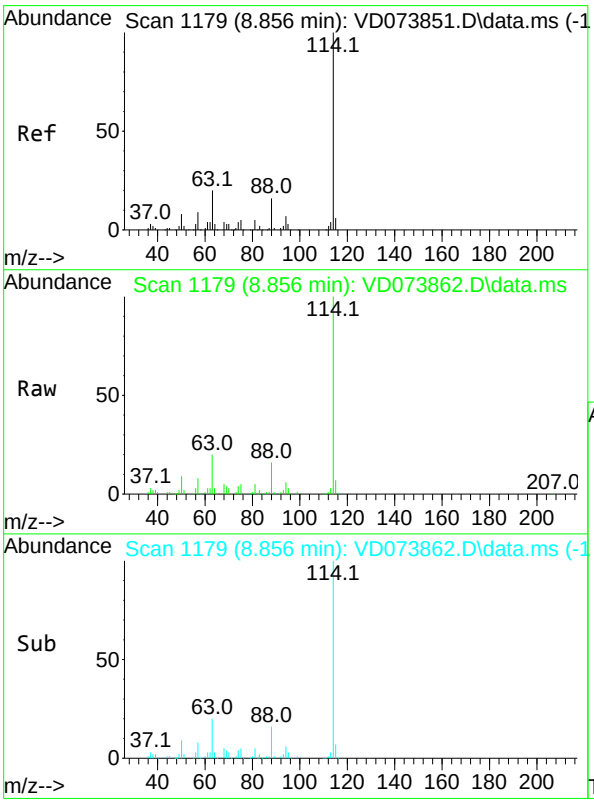
#33
1,2-Dichloroethane-d4
Concen: 59.815 ug/l
RT: 8.320 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 65 Resp: 64006

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	101.4

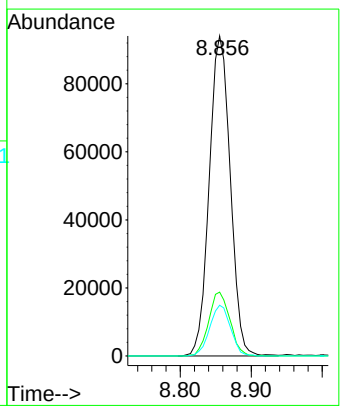


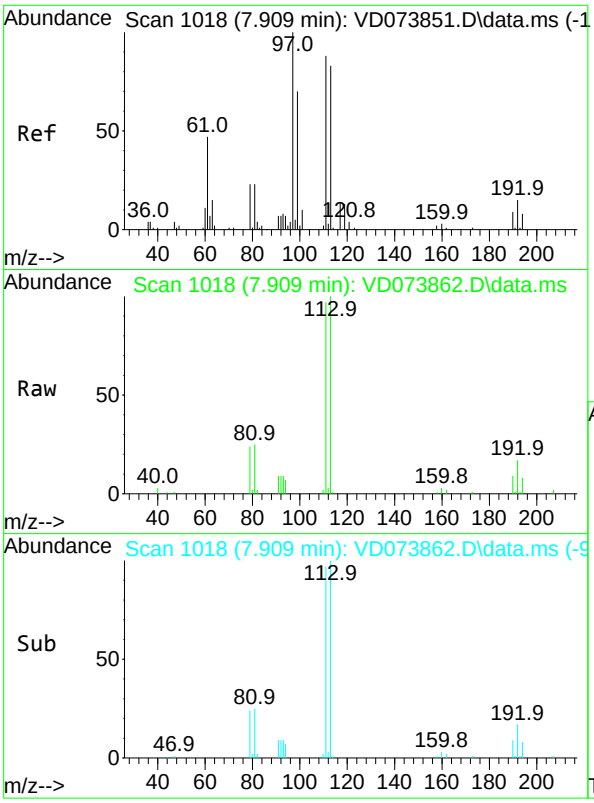


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion:114 Resp: 193095

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	46.6
88	15.8	0.0	33.2



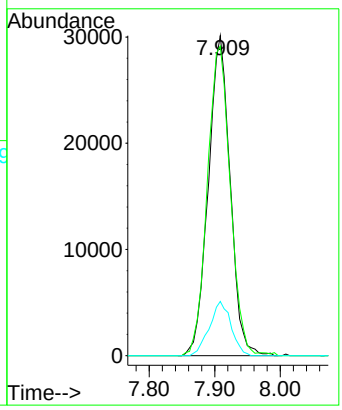


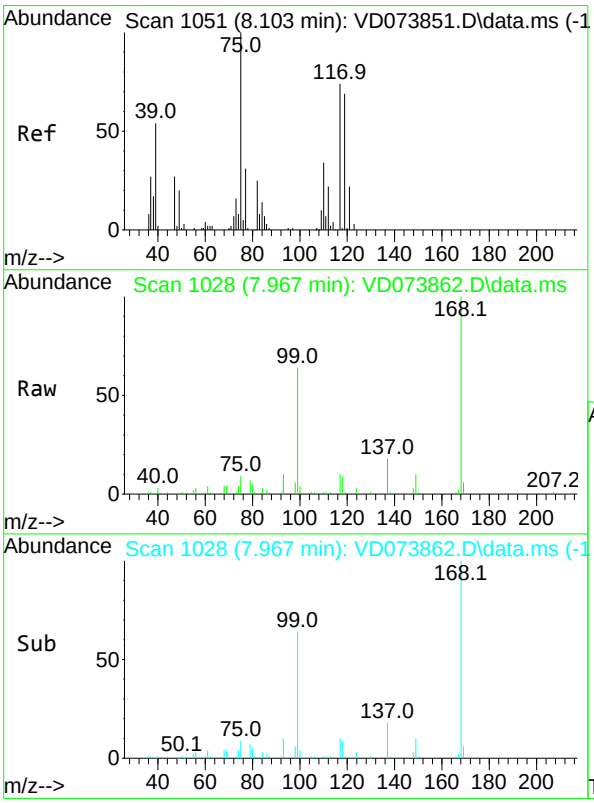
#35
Dibromofluoromethane
Concen: 51.178 ug/l
RT: 7.909 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion:113 Resp: 69717

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	16.8	14.6	21.8

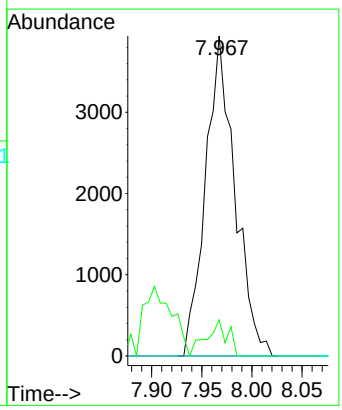


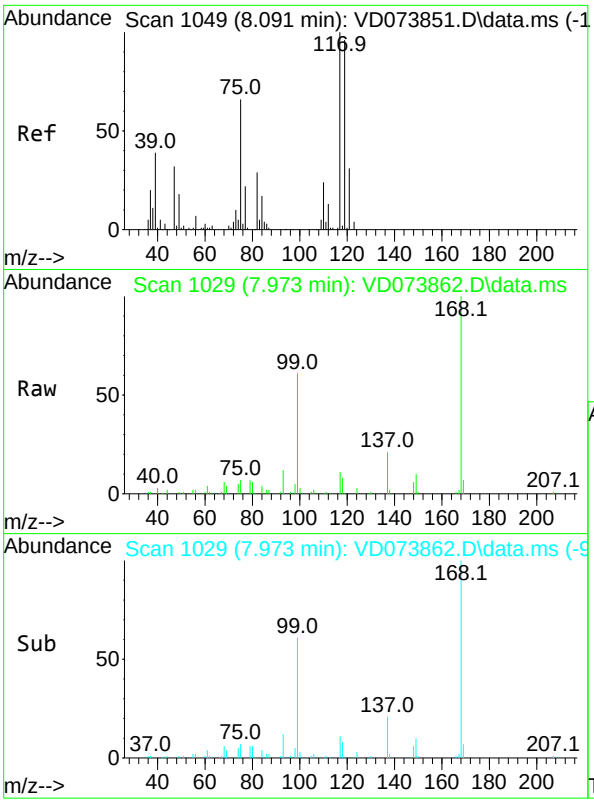


#36
1,1-Dichloropropene
Concen: 4.090 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.135 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 75 Resp: 8038

Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.4	49.1#
77	0.0	24.2	36.2#



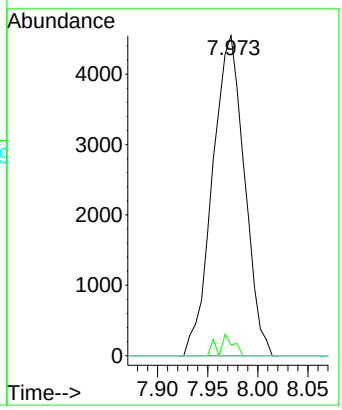


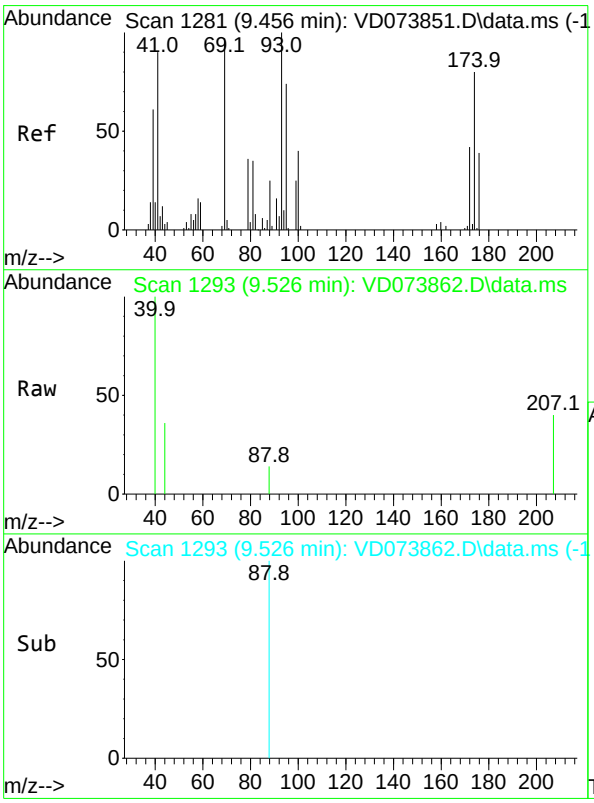
#38
Carbon Tetrachloride
Concen: 4.492 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.118 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion:117 Resp: 10081

Ion	Ratio	Lower	Upper
117	100		
119	3.3	75.8	113.6#
121	0.0	24.5	36.7#

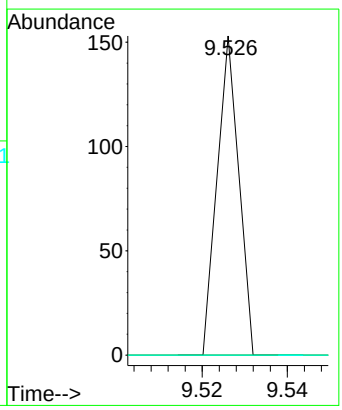


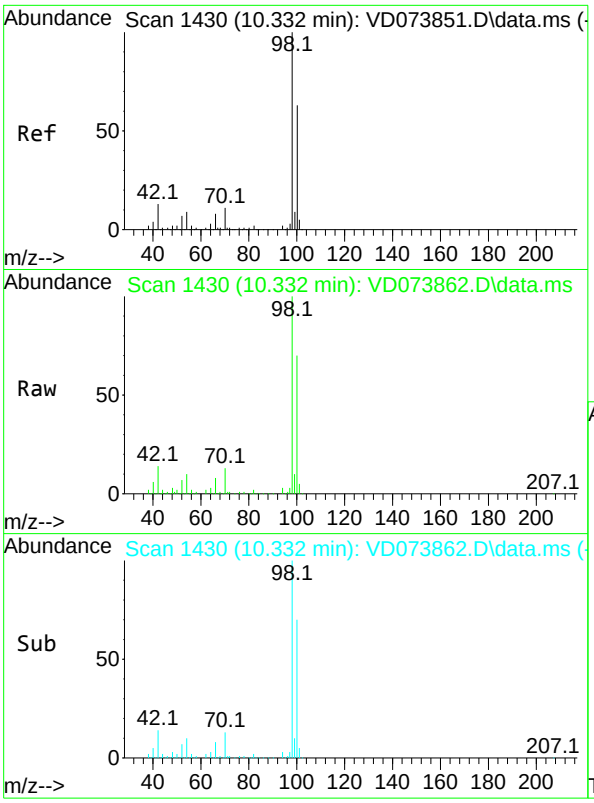


#49
1,4-Dioxane
Concen: 6.584 ug/l
RT: 9.526 min Scan# 1293
Delta R.T. 0.071 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	0.0	58.1	87.1#



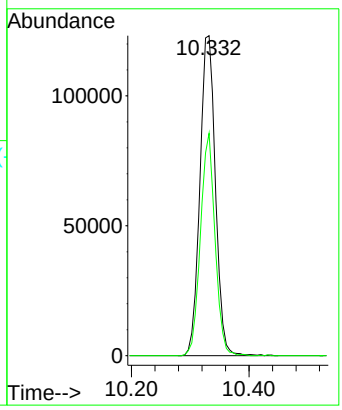


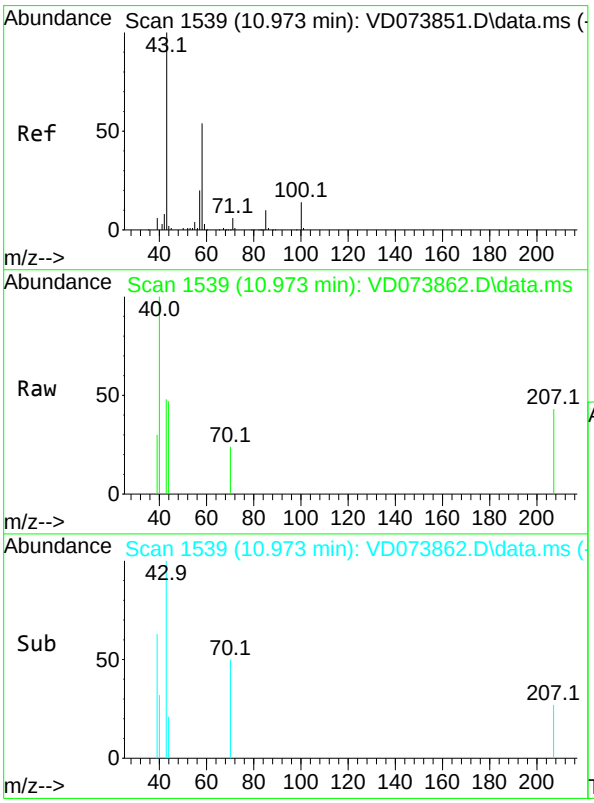
#50
Toluene-d8
Concen: 45.655 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 98 Resp: 225774

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6

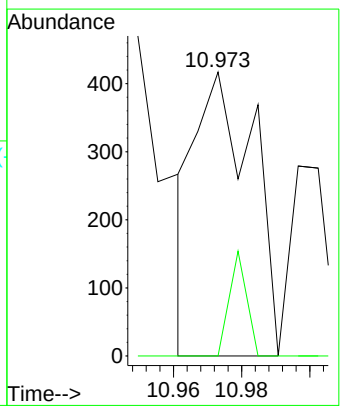


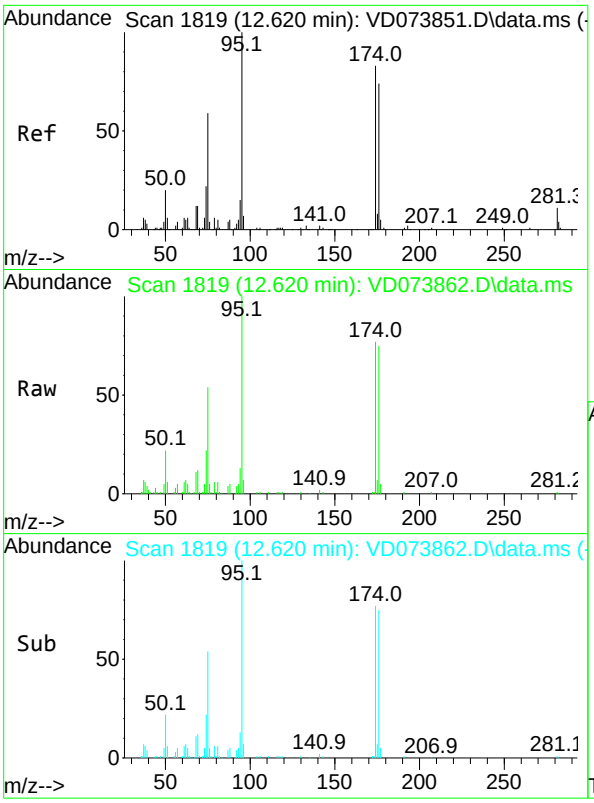


#59
2-Hexanone
Concen: 1.007 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 43 Resp: 486

Ion	Ratio	Lower	Upper
43	100		
58	11.1	25.3	75.9#



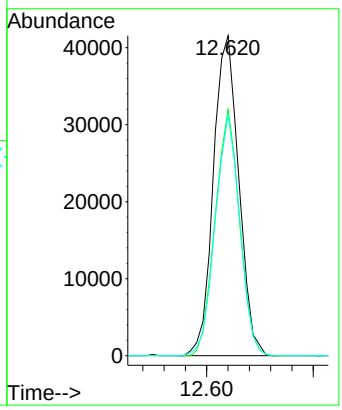


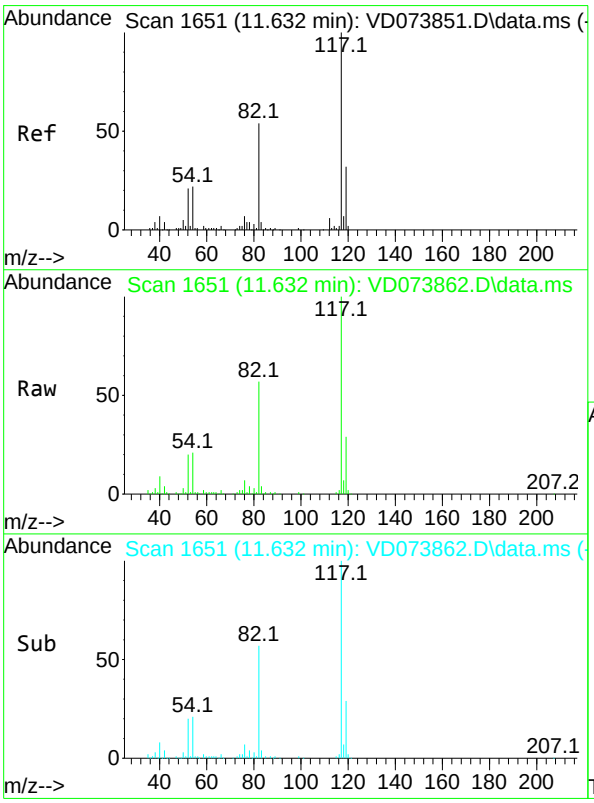
#62
4-Bromofluorobenzene
Concen: 40.361 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 95 Resp: 68625

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	152.8
176	72.7	0.0	145.4

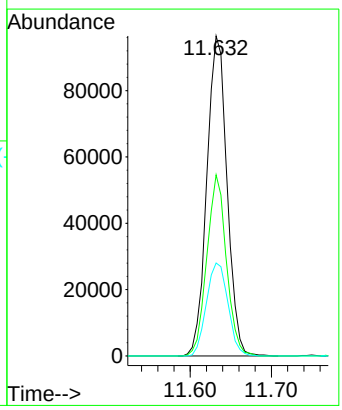


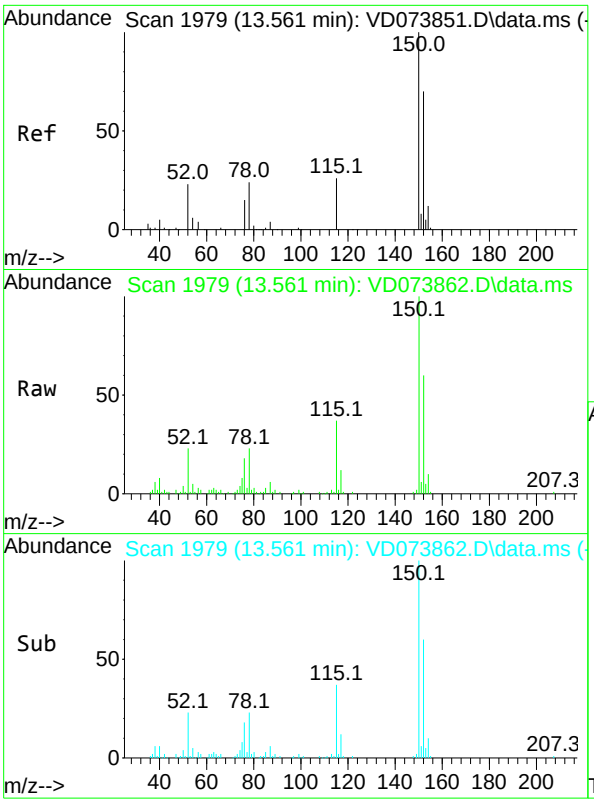


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion:117 Resp: 166625

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.3	67.9
119	29.1	26.6	40.0



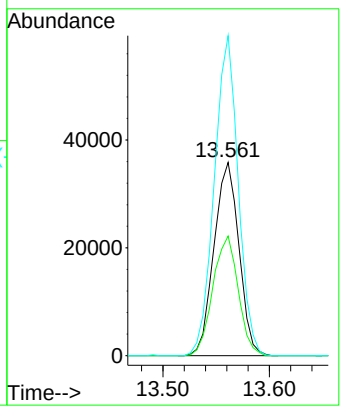


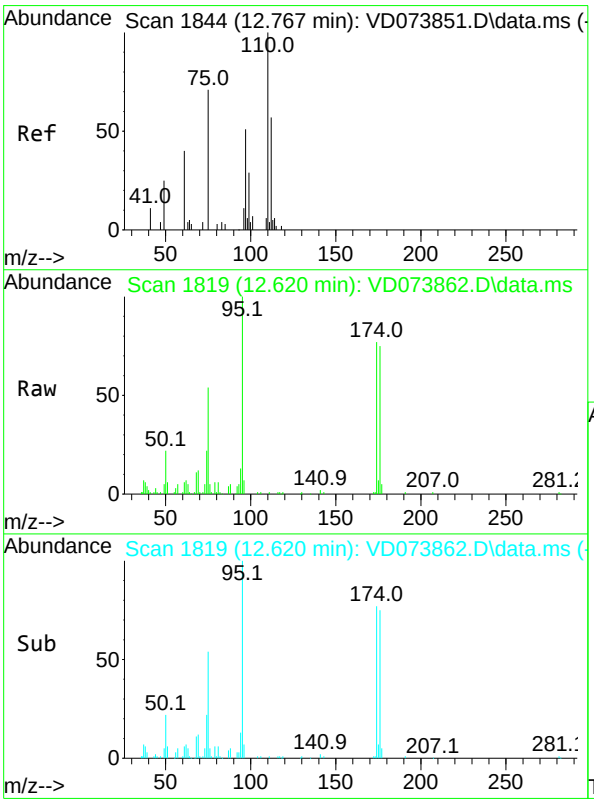
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion:152 Resp: 58173

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.3	93.8
150	158.8	0.0	348.6

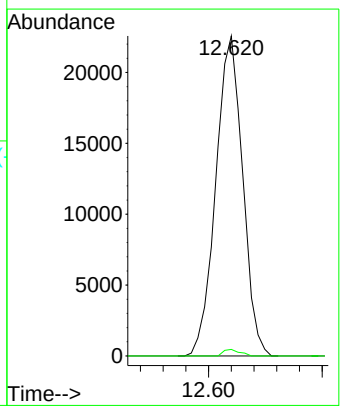


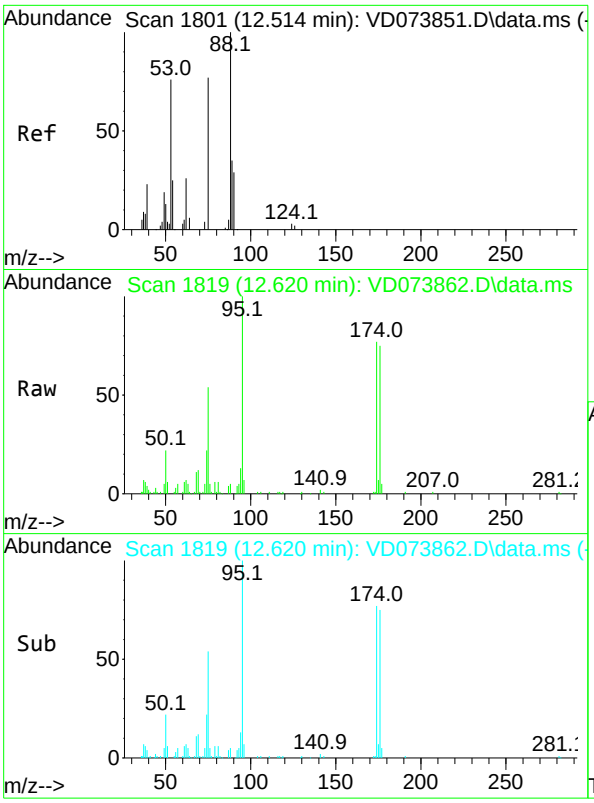


#76
1,2,3-Trichloropropane
Concen: 59.362 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 75 Resp: 37052

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



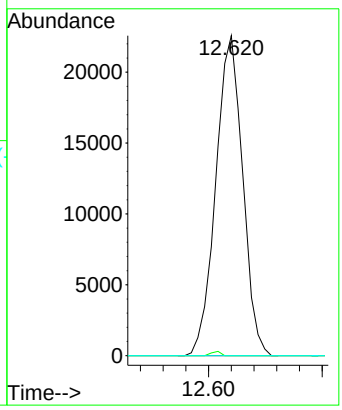


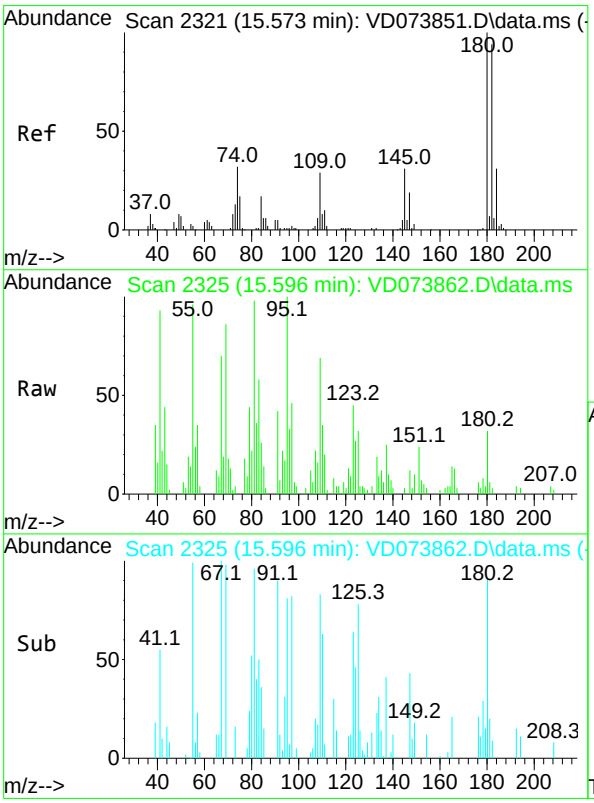
#81
trans-1,4-Dichloro-2-butene
Concen: 160.184 ug/l
RT: 12.620 min Scan# 1
Delta R.T. 0.106 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

Tgt Ion: 75 Resp: 37052

Ion	Ratio	Lower	Upper
75	100		
53	0.5	86.5	129.7#
89	0.0	33.9	50.9#





#96
1,2,3-Trichlorobenzene
Concen: 1.813 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.024 min
Lab File: VD073862.D
Acq: 19 Jul 2022 15:40

Tgt Ion:180 Resp: 1667

Ion	Ratio	Lower	Upper
180	100		
182	2.0	47.6	142.9#
145	0.0	17.1	51.3#