Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009587.D
Acq On : 19 Jul 2022 14:18
Operator : KP/MD
Sample : N3716-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Quant Time: Jul 19 15:12:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

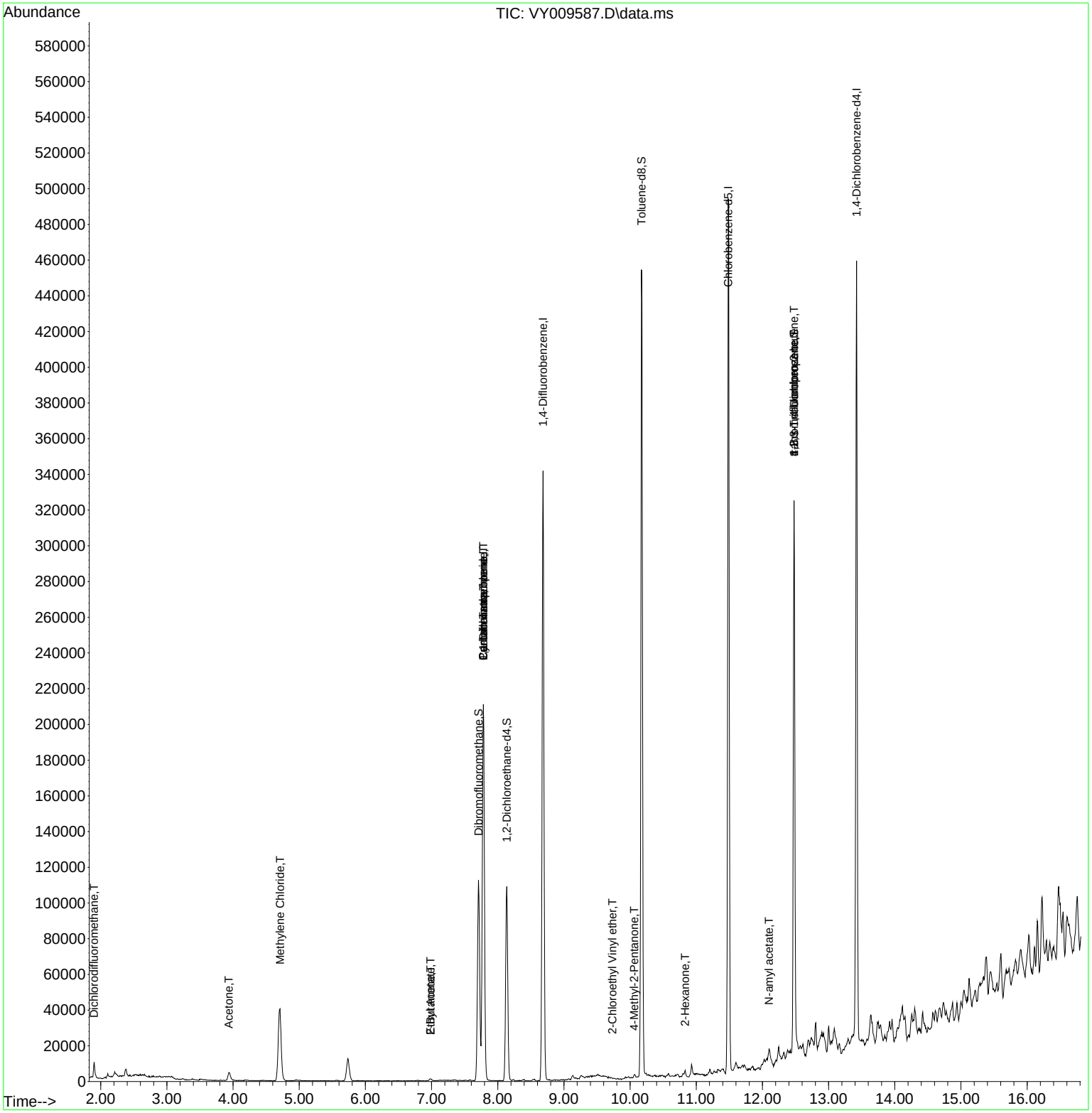
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	174232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	273553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82657	50.162	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.320%			
35) Dibromofluoromethane	7.710	113	78330	41.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 83.960%			
50) Toluene-d8	10.173	98	297980	41.543	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 83.080%			
62) 4-Bromofluorobenzene	12.477	95	90475	38.927	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 77.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	6738	4.407	ug/l	96
11) Tert butyl alcohol	4.954	59	1085	Below Cal	#	77
16) Acetone	3.936	43	8475	20.331	ug/l	92
20) Methylene Chloride	4.710	84	30802	6.024	ug/l #	85
25) 2-Butanone	6.984	43	2227	3.663	ug/l	94
31) Cyclohexane	7.783	56	2946	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11612	4.212	ug/l #	52
37) Ethyl Acetate	6.984	43	2227	1.451	ug/l #	72
38) Carbon Tetrachloride	7.783	117	15816	5.480	ug/l #	15
51) 4-Methyl-2-Pentanone	10.063	43	1484	1.016	ug/l #	78
58) 2-Chloroethyl Vinyl ether	9.734	63	24	28.299	ug/l #	48
59) 2-Hexanone	10.831	43	2115	2.083	ug/l	88
74) N-amyl acetate	12.099	43	3102	1.490	ug/l #	65
76) 1,2,3-Trichloropropane	12.477	75	46142	42.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46142	84.477	ug/l #	7

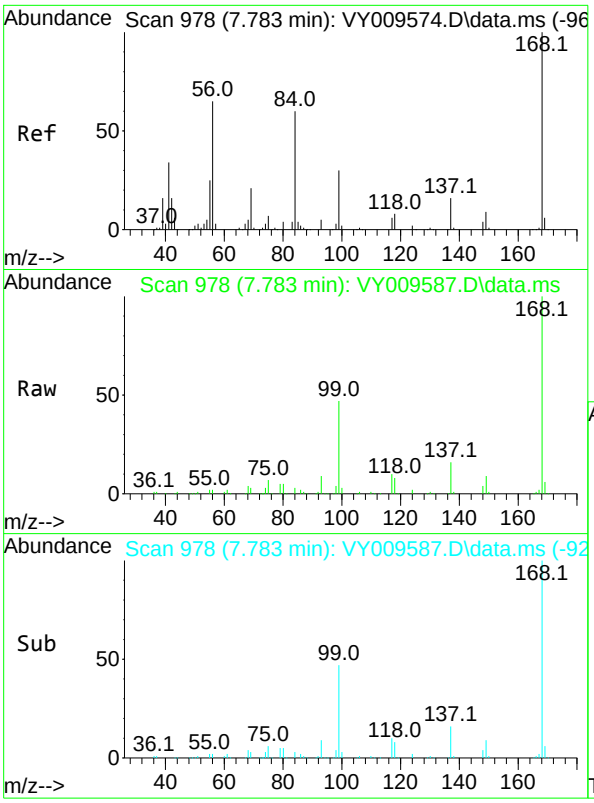
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009587.D
Acq On : 19 Jul 2022 14:18
Operator : KP/MD
Sample : N3716-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Quant Time: Jul 19 15:12:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration



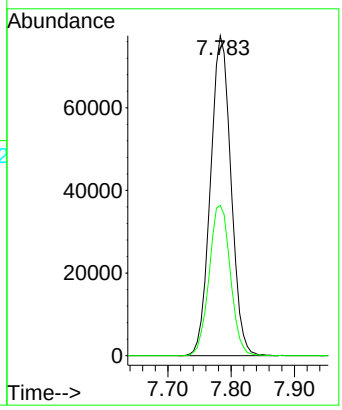


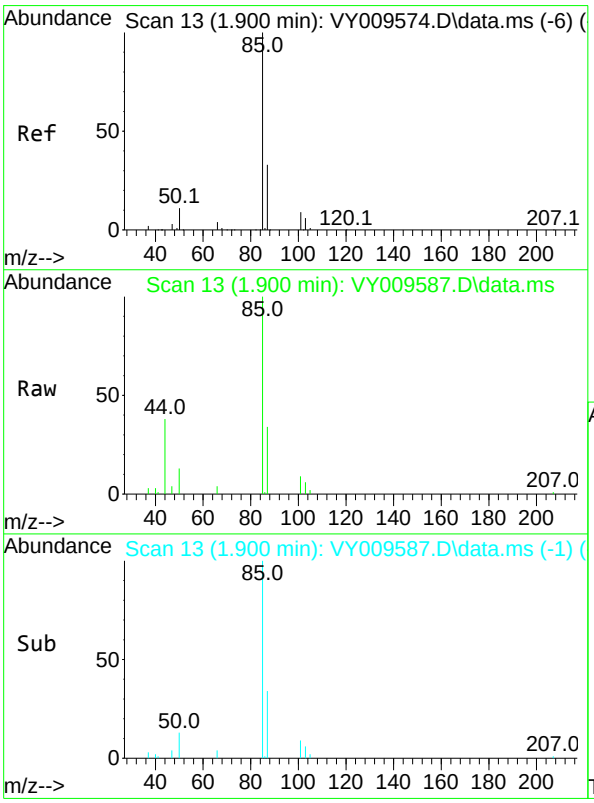
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion:168 Resp: 174232

Ion	Ratio	Lower	Upper
168	100		
99	47.0	46.9	70.3

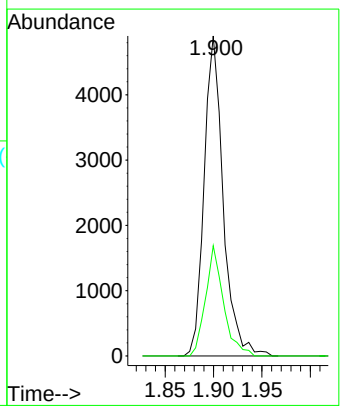


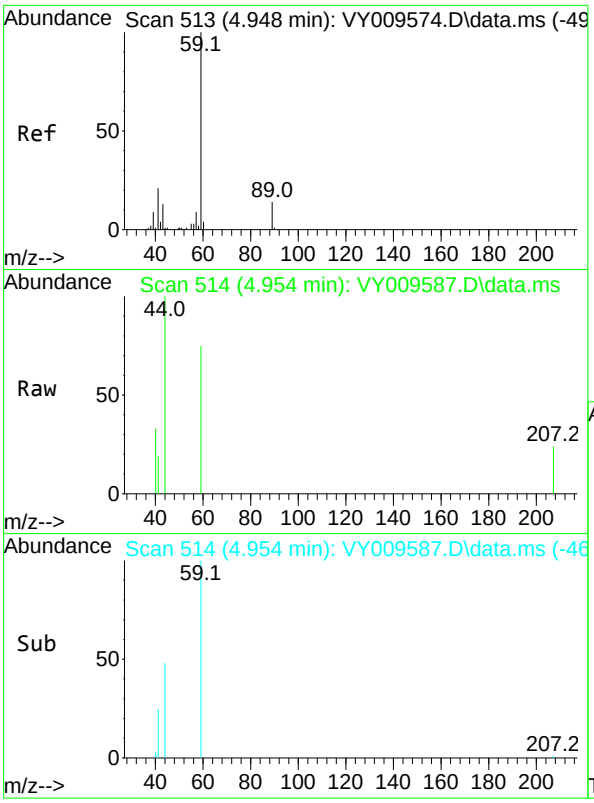


#2
Dichlorodifluoromethane
Concen: 4.407 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 85 Resp: 6738

Ion	Ratio	Lower	Upper
85	100		
87	34.5	16.1	48.2



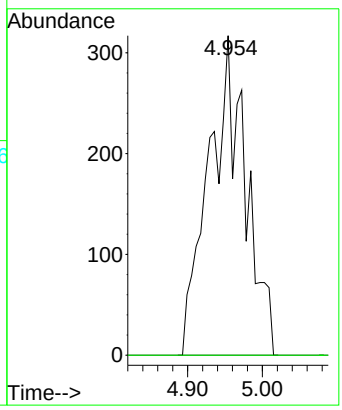


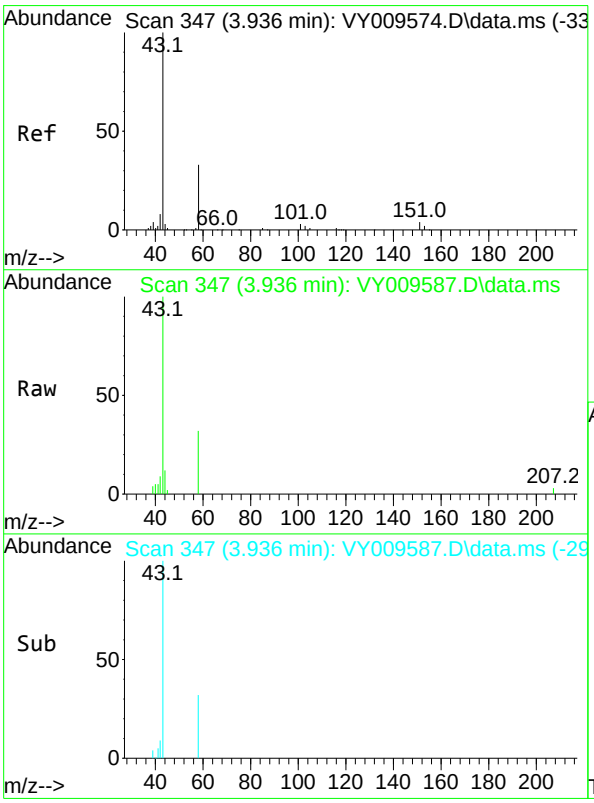
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 59 Resp: 1085

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

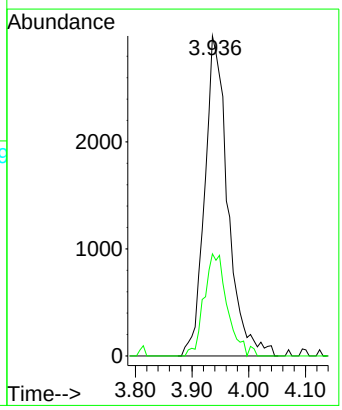


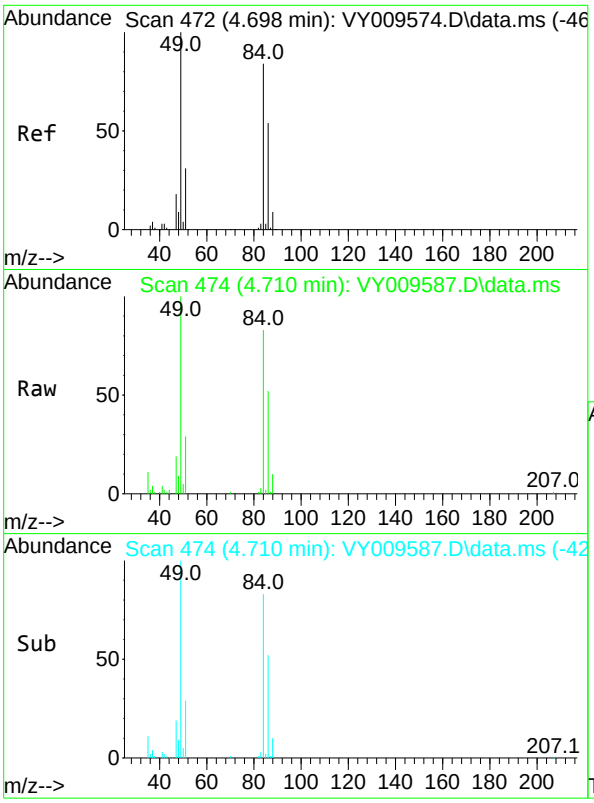


#16
Acetone
Concen: 20.331 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 43 Resp: 8475

Ion	Ratio	Lower	Upper
43	100		
58	31.9	22.0	33.0



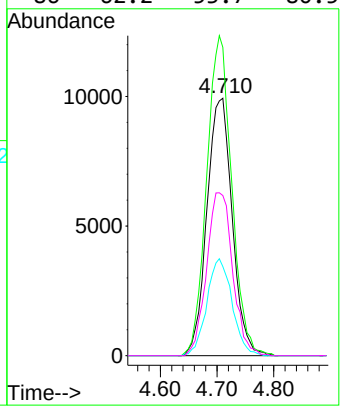


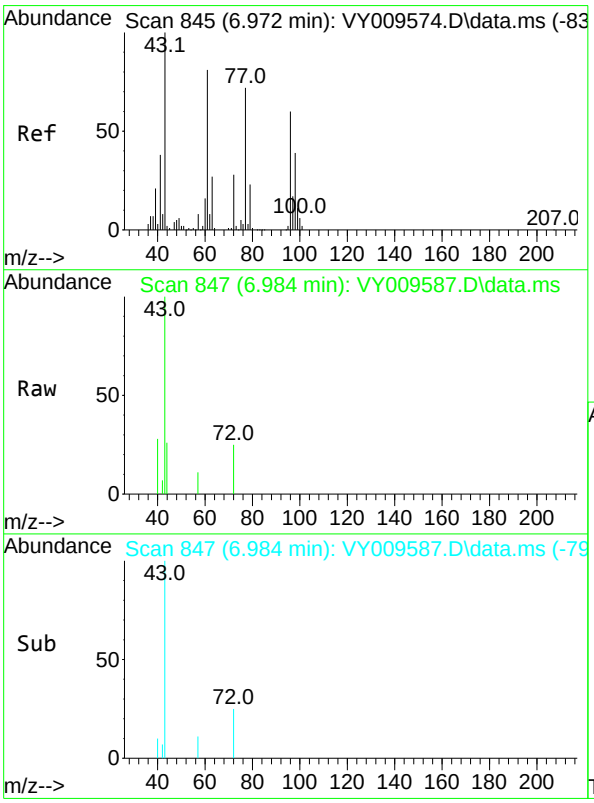
#20
Methylene Chloride
Concen: 6.024 ug/l
RT: 4.710 min Scan# 4
Delta R.T. 0.012 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 84 Resp: 30802

Ion	Ratio	Lower	Upper
84	100		
49	119.8	114.4	171.6
51	34.6	35.3	52.9#
86	62.2	53.7	80.5

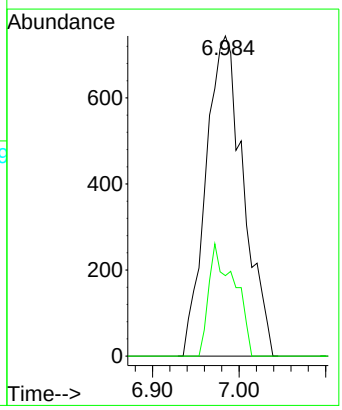


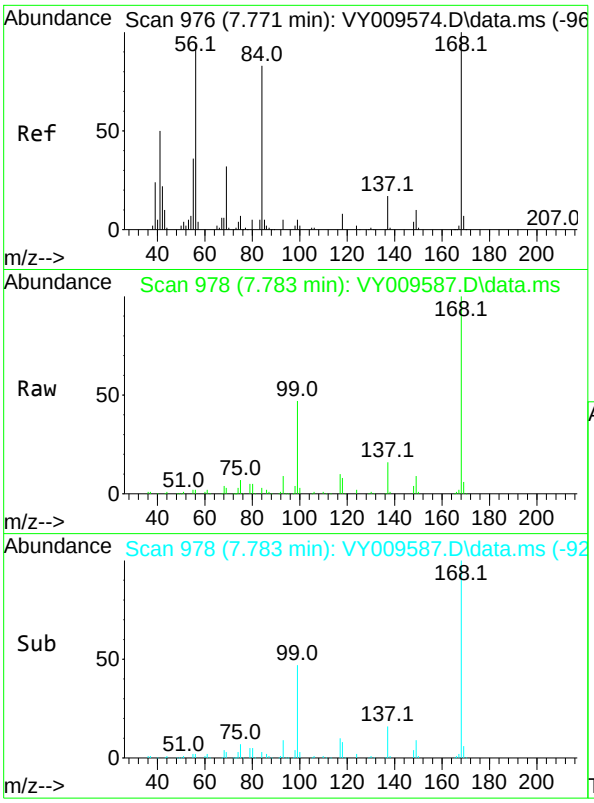


#25
2-Butanone
Concen: 3.663 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
72	25.1	17.7	26.5



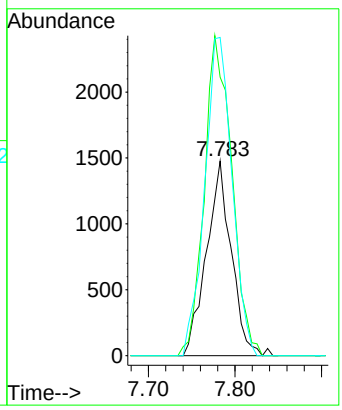


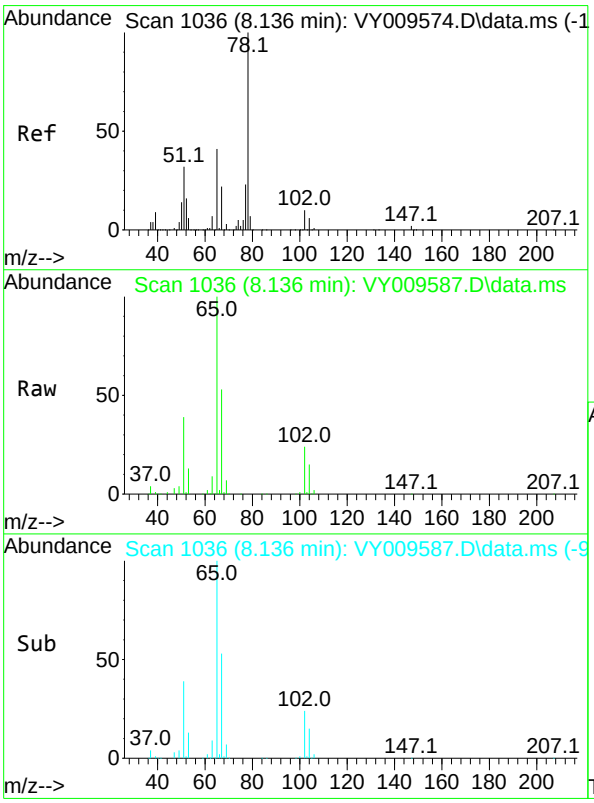
#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.783 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 56 Resp: 2946

Ion	Ratio	Lower	Upper
56	100		
69	143.2	26.7	40.1#
84	163.6	67.2	100.8#

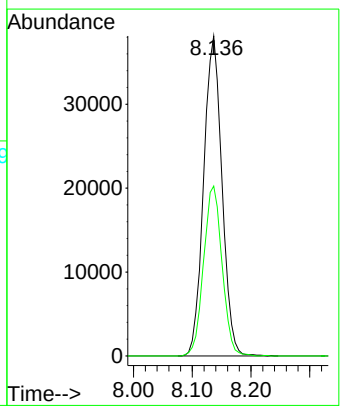


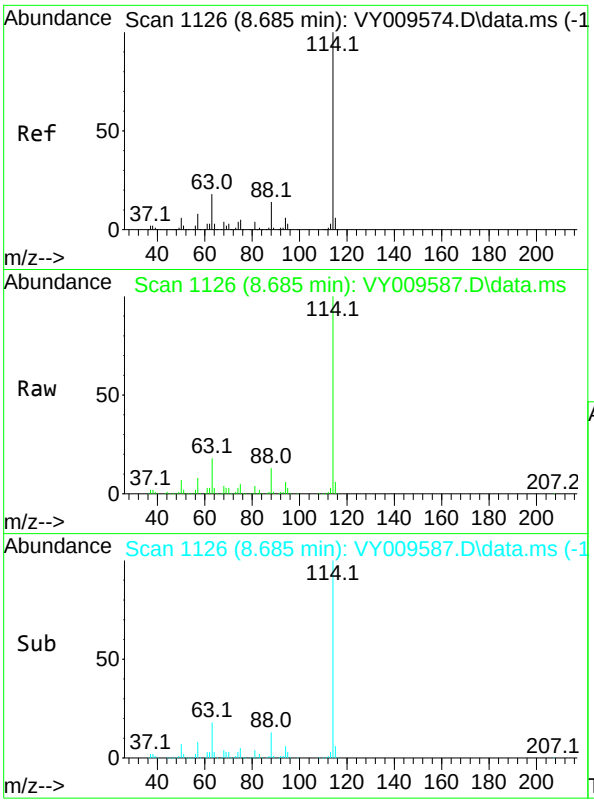


#33
1,2-Dichloroethane-d4
Concen: 50.162 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 65 Resp: 82657

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	99.4



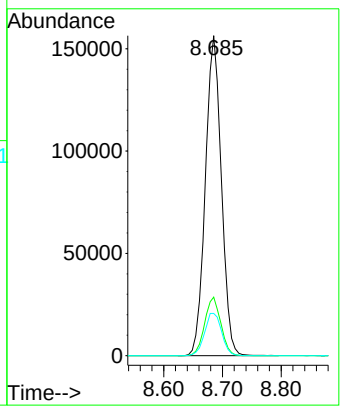


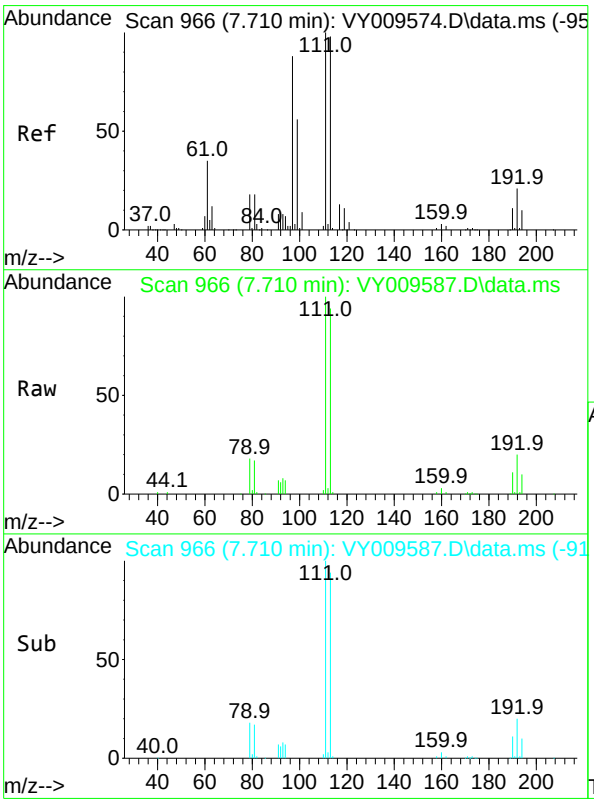
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion:114 Resp: 296164

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.2
88	13.2	0.0	31.8

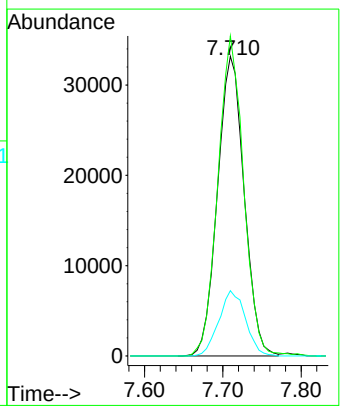


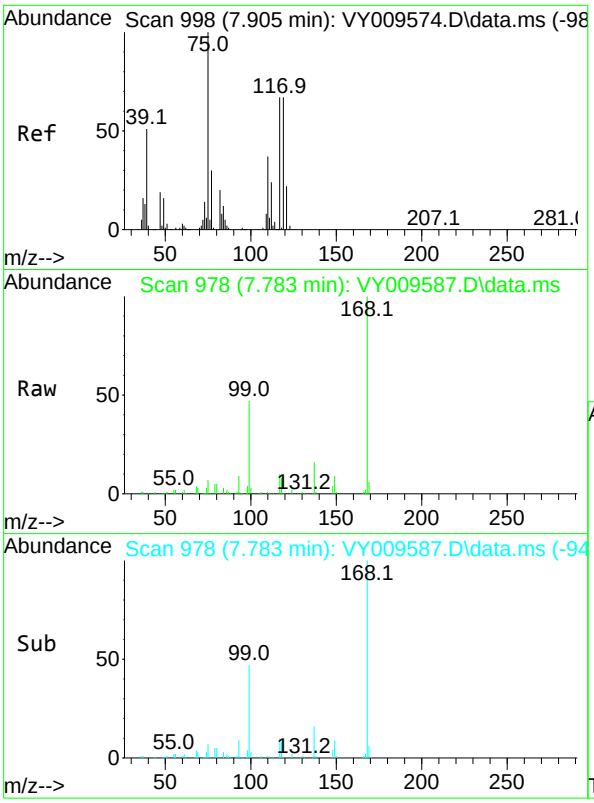


#35
Dibromofluoromethane
Concen: 41.981 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion:113 Resp: 78330

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	21.8	17.6	26.4



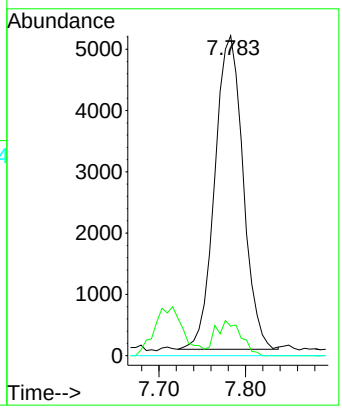


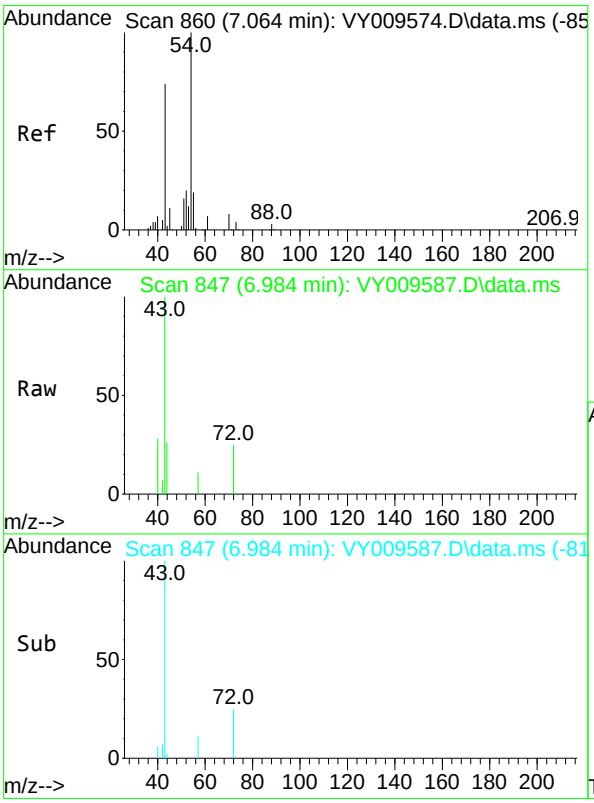
#36
1,1-Dichloropropene
Concen: 4.212 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 75 Resp: 11612

Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.1	51.2#
77	0.0	24.4	36.6#

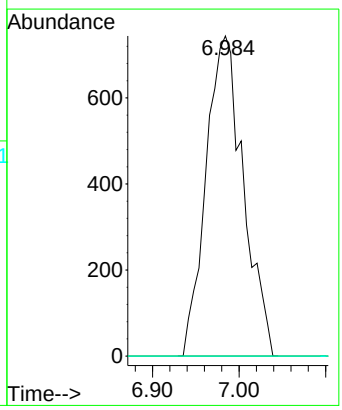


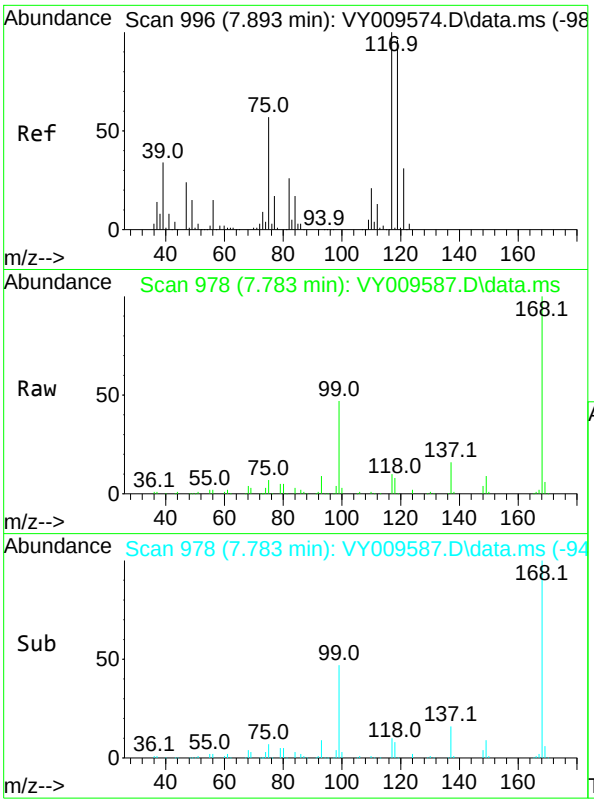


#37
Ethyl Acetate
Concen: 1.451 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



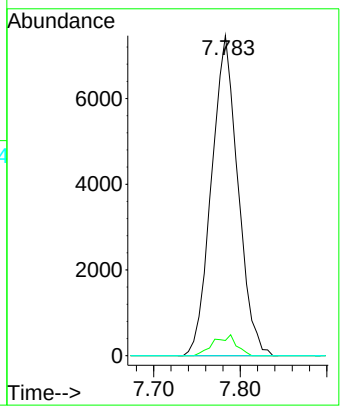


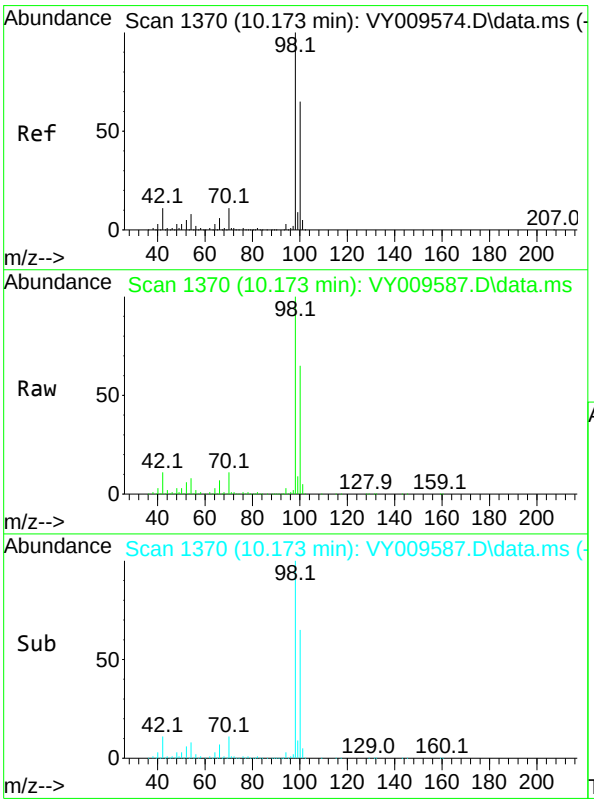
#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion:117 Resp: 15816

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.9	116.9#
121	0.0	24.8	37.2#

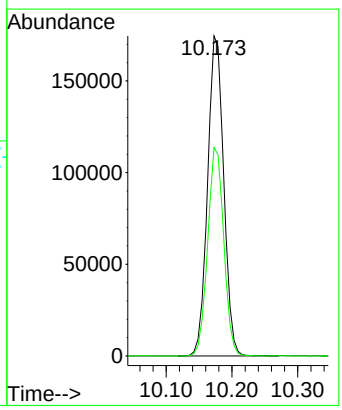


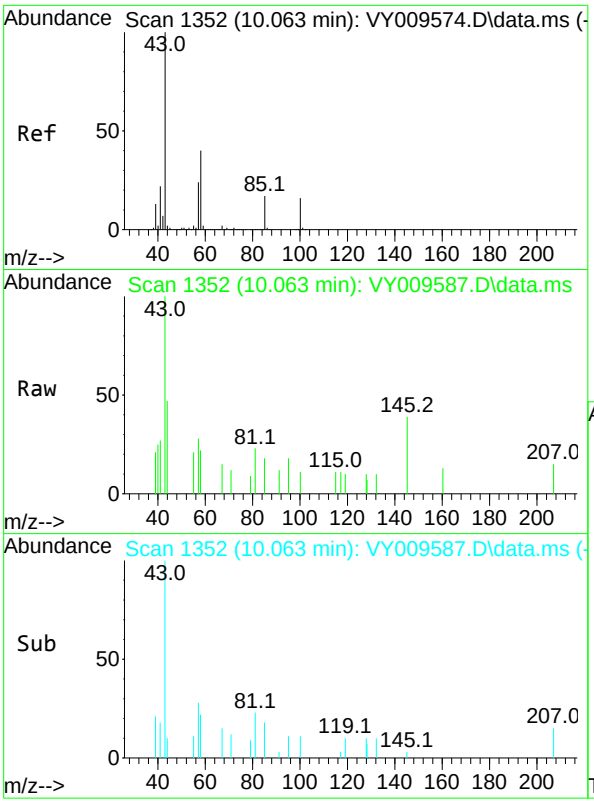


#50
Toluene-d8
Concen: 41.543 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 98 Resp: 297980

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.2	75.2



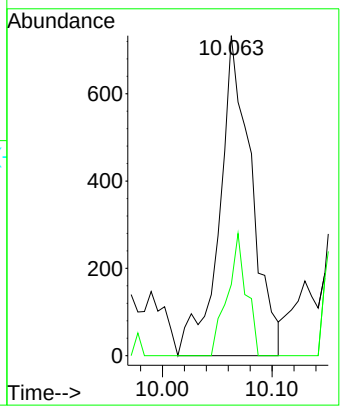


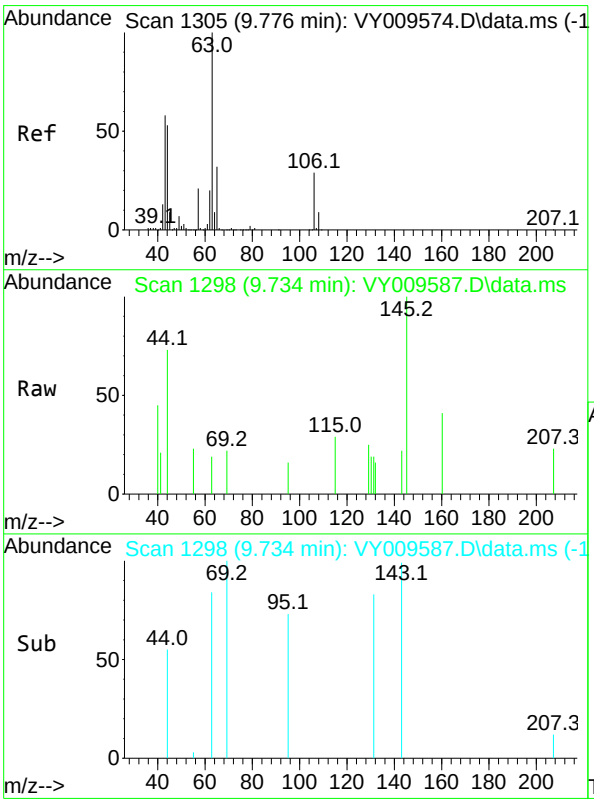
#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 43 Resp: 1484

Ion	Ratio	Lower	Upper
43	100		
58	22.6	28.1	42.1#

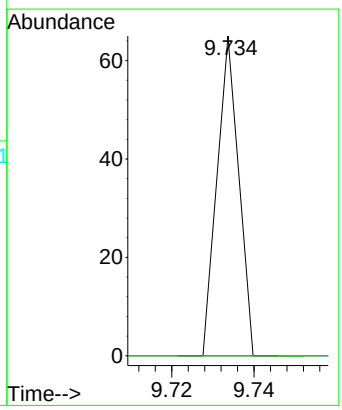


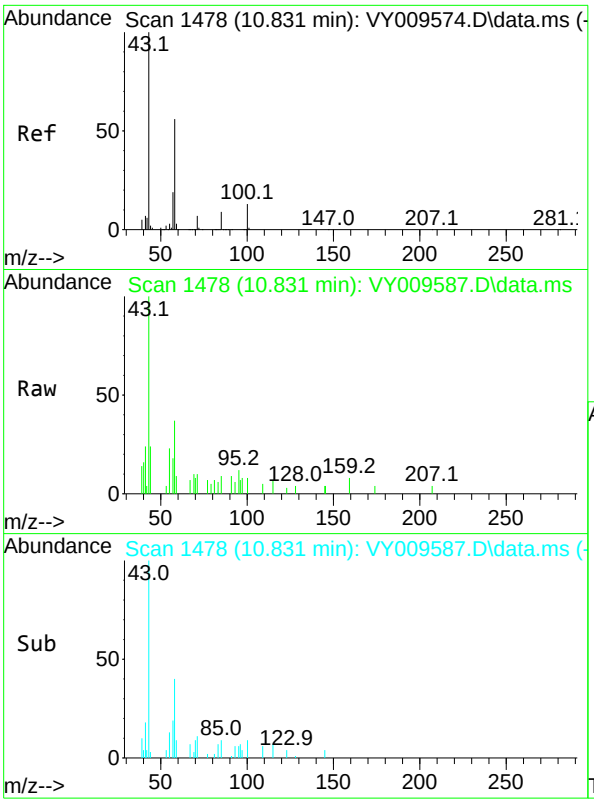


#58
2-Chloroethyl Vinyl ether
Concen: 28.299 ug/l
RT: 9.734 min Scan# 1298
Delta R.T. -0.042 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 63 Resp: 24

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.5	32.3#



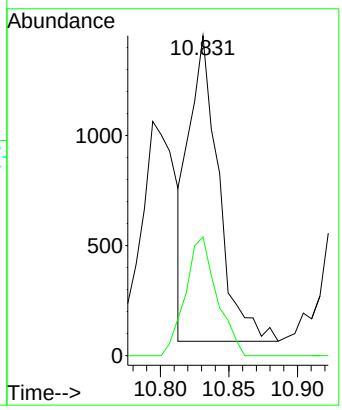


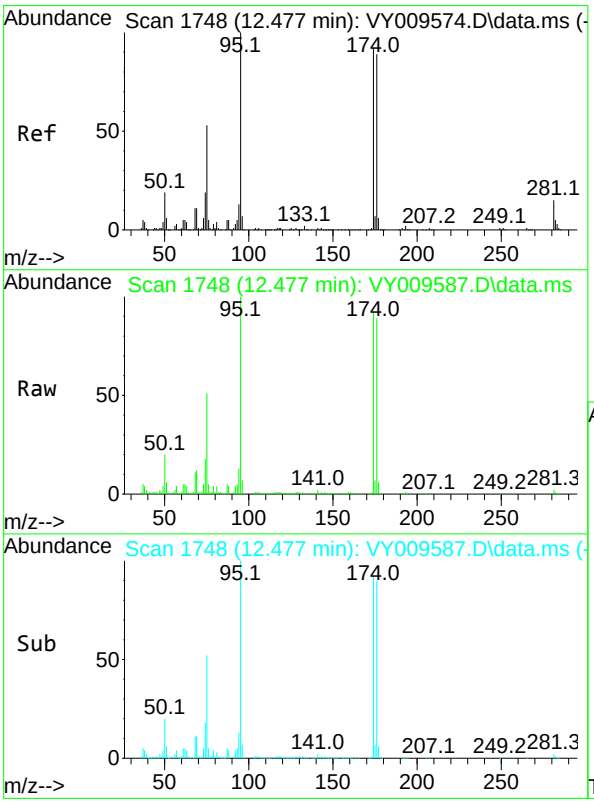
#59
2-Hexanone
Concen: 2.083 ug/l
RT: 10.831 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 43 Resp: 2115

Ion	Ratio	Lower	Upper
43	100		
58	40.7	24.4	73.4

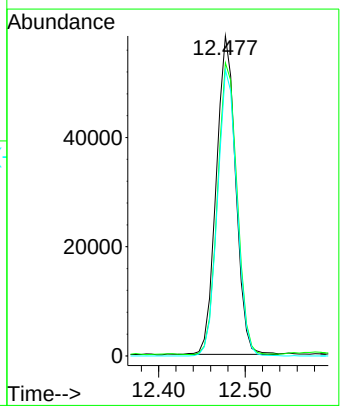


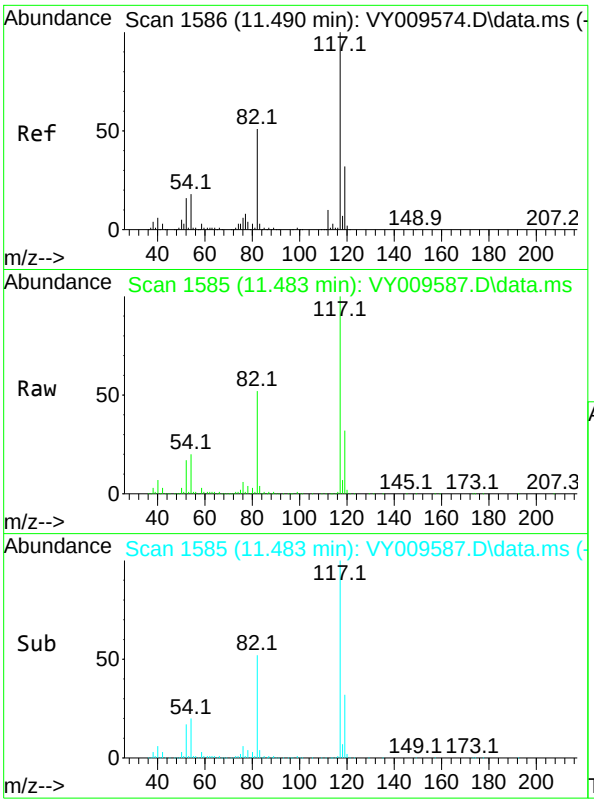


#62
4-Bromofluorobenzene
Concen: 38.927 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 95 Resp: 90475

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	177.0
176	89.9	0.0	175.8



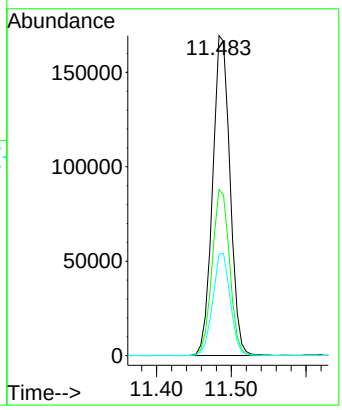


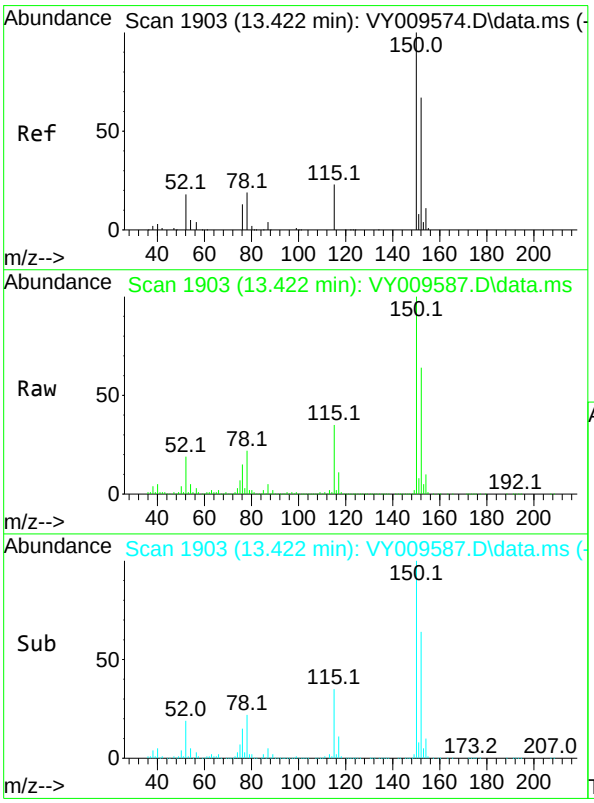
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion:117 Resp: 273553

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	31.7	25.4	38.0

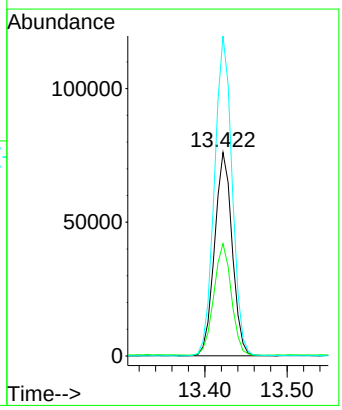


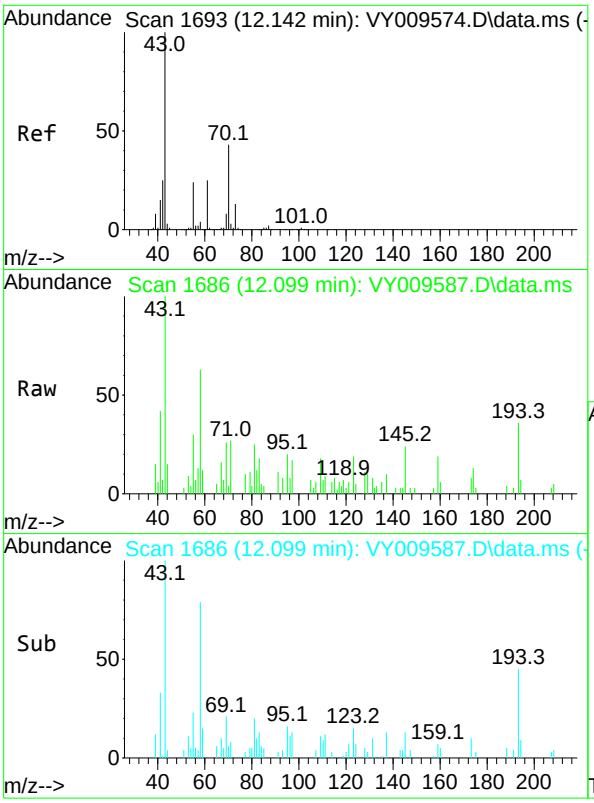


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion:152 Resp: 113059

Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.2	84.7
150	158.3	0.0	347.6



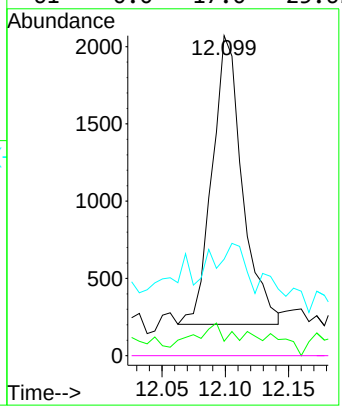


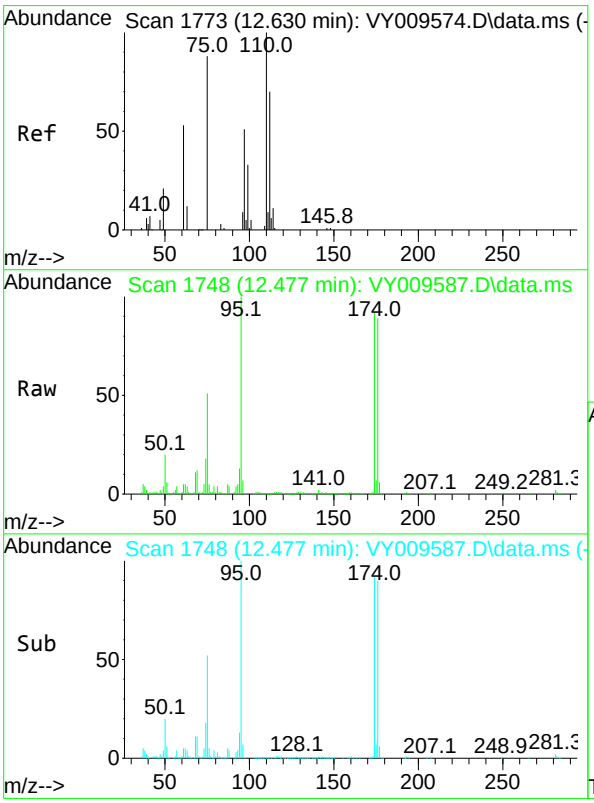
#74
N-amyl acetate
Concen: 1.490 ug/l
RT: 12.099 min Scan# 1
Delta R.T. -0.043 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 43 Resp: 3102

Ion	Ratio	Lower	Upper
43	100		
70	8.3	28.7	43.1#
55	18.7	17.3	25.9
61	0.0	17.0	25.6#

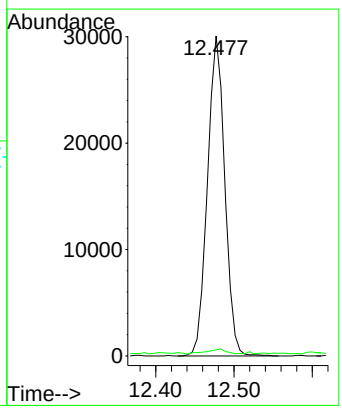


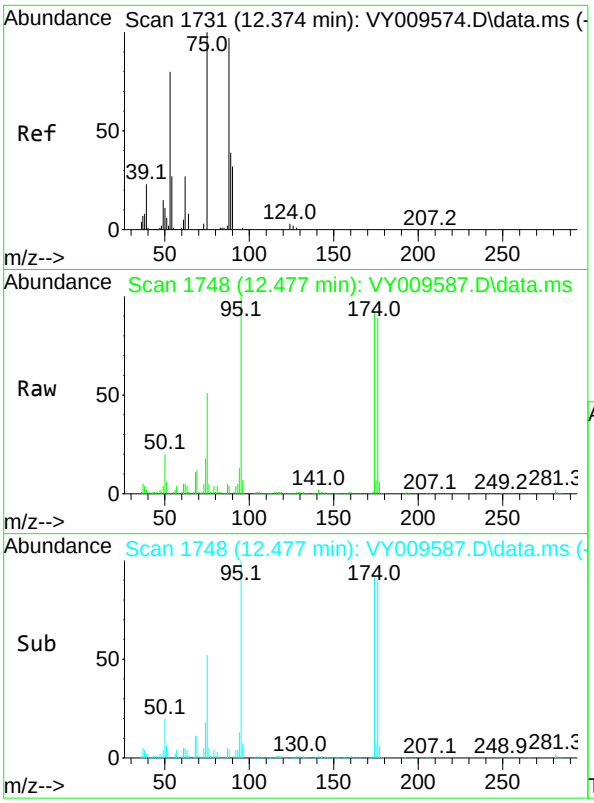


#76
1,2,3-Trichloropropane
Concen: 42.843 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 75 Resp: 46142

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.477 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

Tgt Ion: 75 Resp: 46142

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.2	37.0	55.4#