Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
Data File : VL037899.D
Acq On : 25 Oct 2021 18:24
Operator : SY/AP
Sample : M4339-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Quant Time: Oct 25 23:51:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1253839	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.19	114	3707559	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.10	117	3183704	10.00	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2272710	10.21	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	29284	0.146	ppbv		100
3) Chlorodifluoromethane	2.92	51	6312	0.026	ppbv		100
4) Chloromethane	3.15	50	7953	0.090	ppbv		98
7) Chloroethane	3.57	64	604	0.020	ppbv	#	40
9) Propene	3.03	41	22168	0.250	ppbv		93
10) Heptane	8.15	43	22789	0.113	ppbv	#	1
11) Trichlorofluoromethane	3.96	101	43562	0.244	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	8041	0.059	ppbv	#	10
13) Ethanol	3.63	45	139544	19.249	ppbv		89
15) Acetone	3.88	43	499243	4.435	ppbv	#	84
16) 1,3-Butadiene	3.33	39	2740	0.033	ppbv	#	11
17) tert-Butyl alcohol	4.31	59	2824	0.024	ppbv	#	71
19) Isopropyl Alcohol	3.99	45	89026	1.271	ppbv	#	87
20) Methylene Chloride	4.36	84	203920	3.586	ppbv		93
21) Allyl Chloride	4.39	41	2320	0.023	ppbv	#	23
23) Vinyl Acetate	5.09	43	7708	0.046	ppbv	#	1
25) Ethyl Acetate	5.70	43	168334	0.533	ppbv	#	81
26) Hexane	5.70	57	194498	1.251	ppbv	#	48
29) Chloroform	5.76	83	91267	0.411	ppbv		96
31) cis-1,2-Dichloroethene	5.56	61	620849	4.397	ppbv		99
32) 1,1,1-Trichloroethane	6.53	97	138855	0.659	ppbv		95
34) 2-Butanone	5.27	43	23525	0.157	ppbv	#	41
35) Carbon Tetrachloride	7.04	117	4646	0.022	ppbv	#	37
36) Benzene	6.90	78	26155	0.083	ppbv	#	96
39) 1,2-Dichloropropane	7.19	63	857882	7.202	ppbv	#	28
52) Tetrachloroethene	11.24	164	29329	0.238	ppbv		88
53) Toluene	9.82	91	806234	2.297	ppbv		99
58) Ethyl Benzene	12.73	91	66179	0.155	ppbv	#	88
59) m/p-Xylene	13.00	91	53081	0.145	ppbv	#	30
60) o-Xylene	13.71	91	11832	0.034	ppbv	#	1

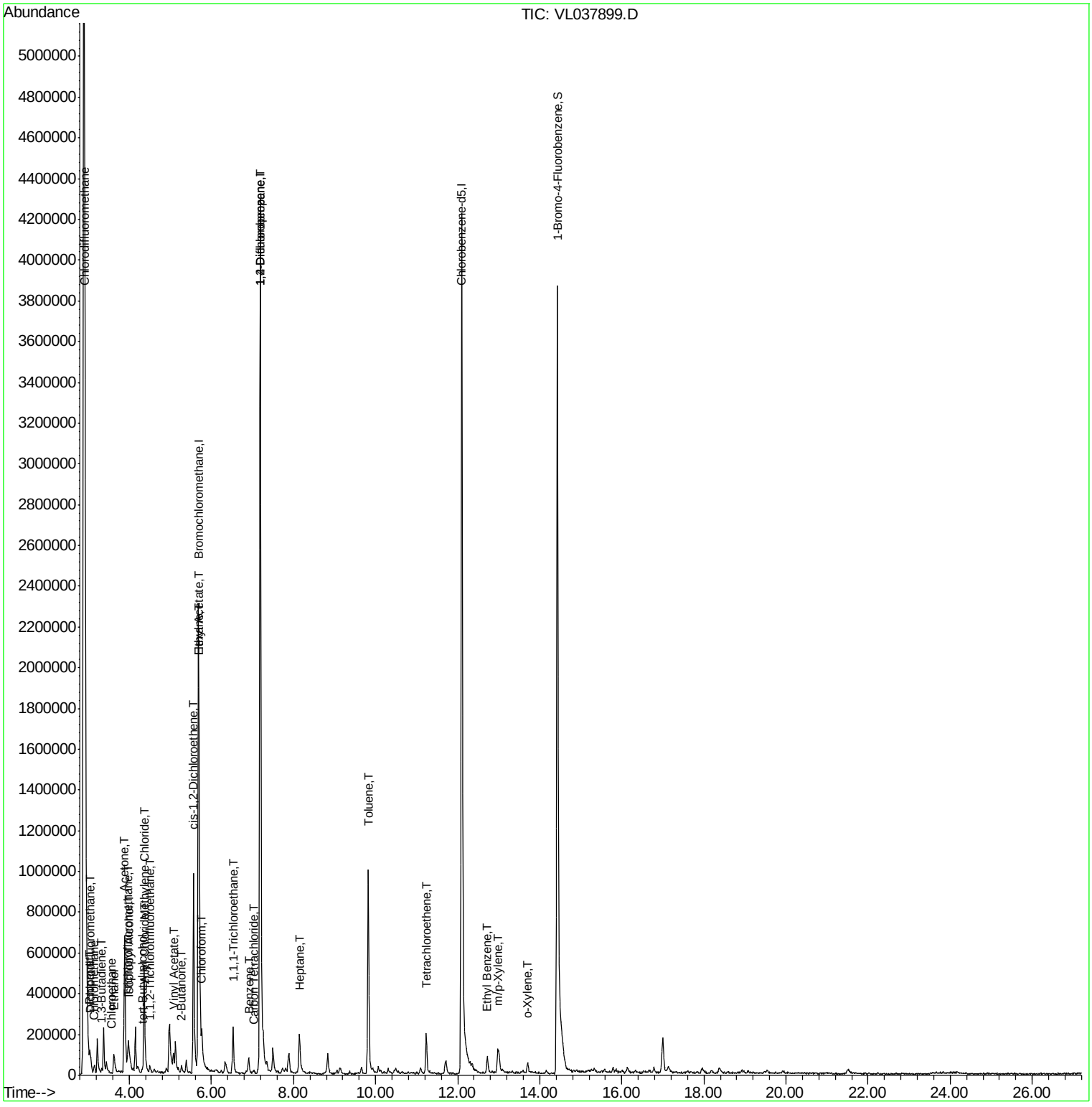
(#) = qualifier out of range (m) = manual integration (+) = signals summed

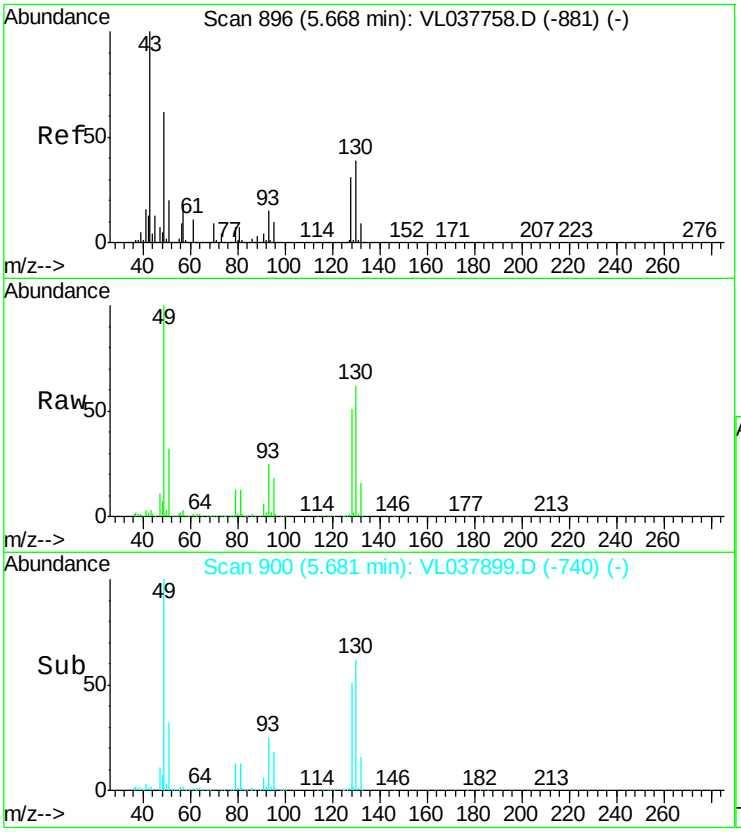
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
Data File : VL037899.D
Acq On : 25 Oct 2021 18:24
Operator : SY/AP
Sample : M4339-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Quant Time: Oct 25 23:51:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



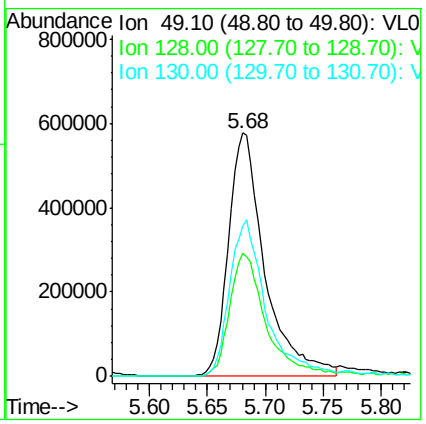


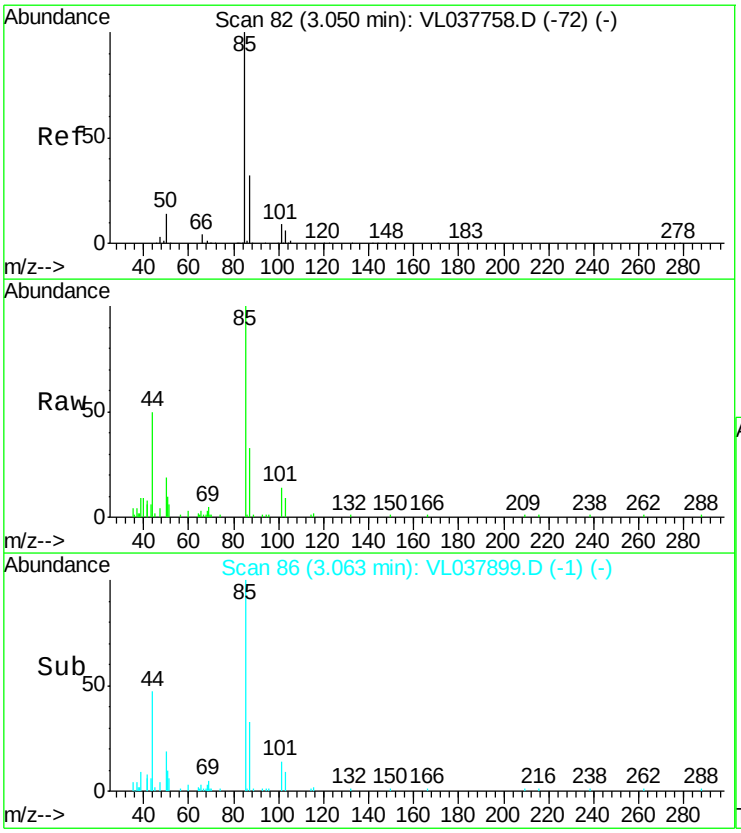
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 49 Resp: 1253839

Ion	Ratio	Lower	Upper
49	100		
128	52.1	27.1	81.3
130	67.1	33.2	99.6

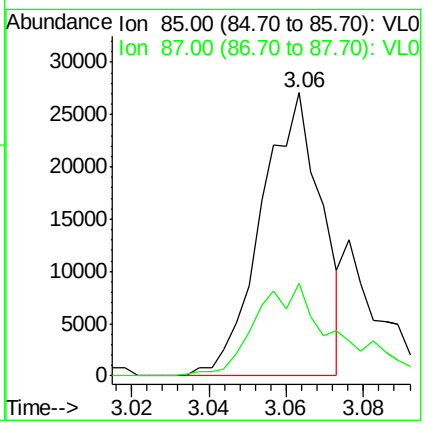


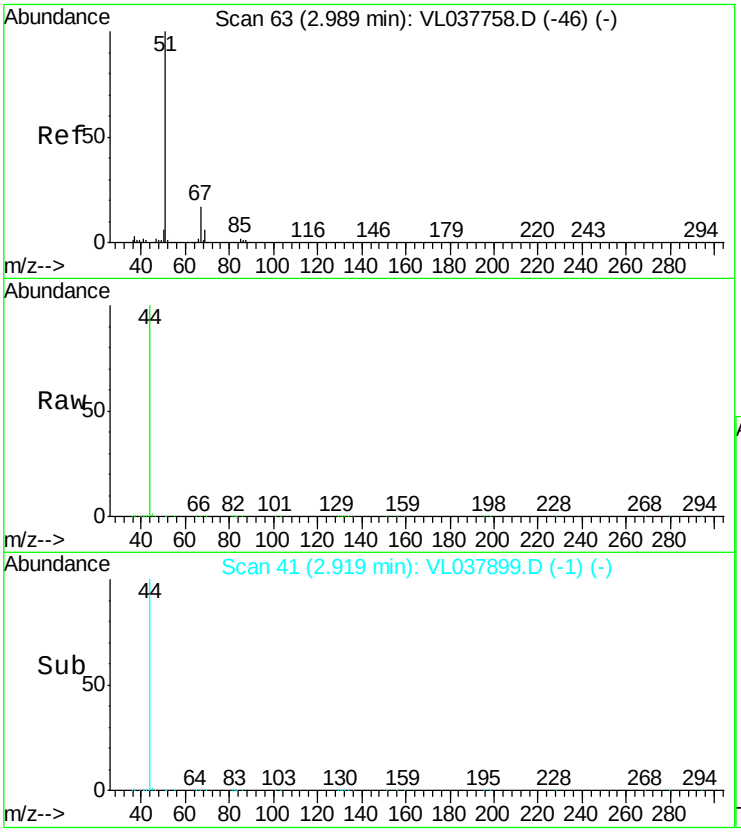


#2
Dichlorodifluoromethane
Concen: 0.146 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.01 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 85 Resp: 29284

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.7	38.5



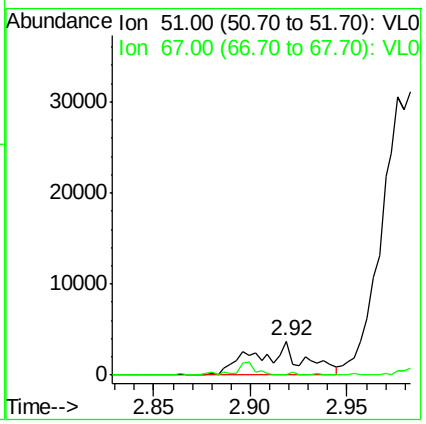


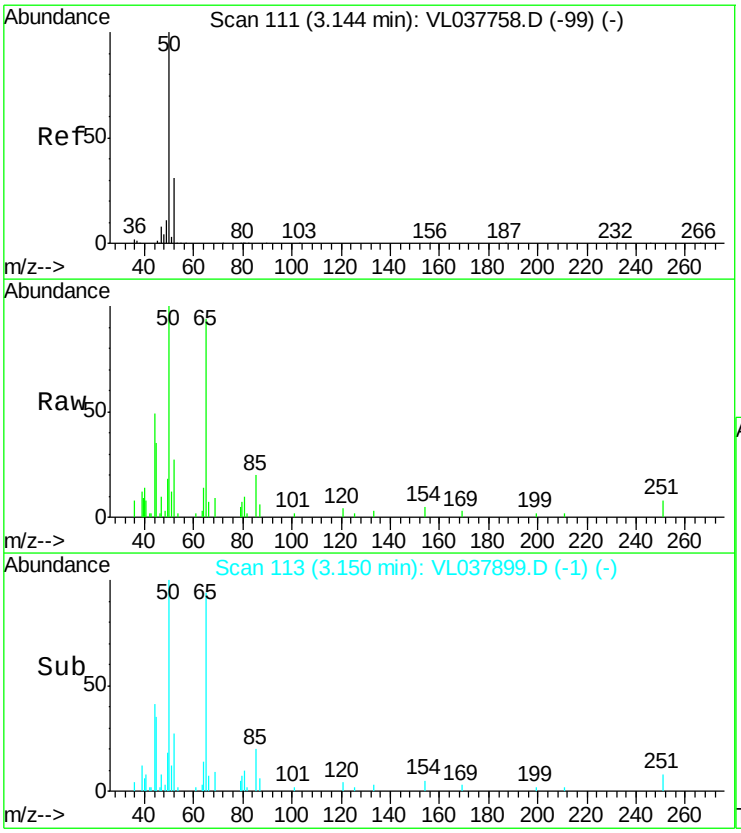
#3
Chlorodifluoromethane
Concen: 0.026 ppbv
RT: 2.92
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 51 Resp: 6312

Ion	Ratio	Lower	Upper
51	100		
67	17.1	13.5	20.3

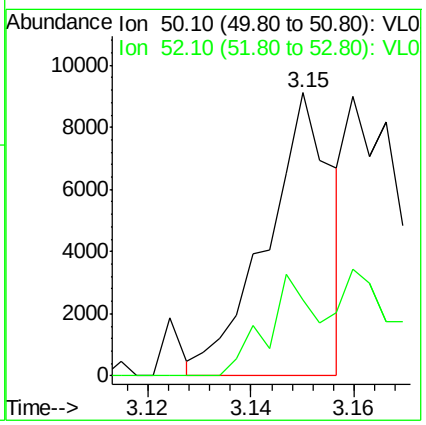


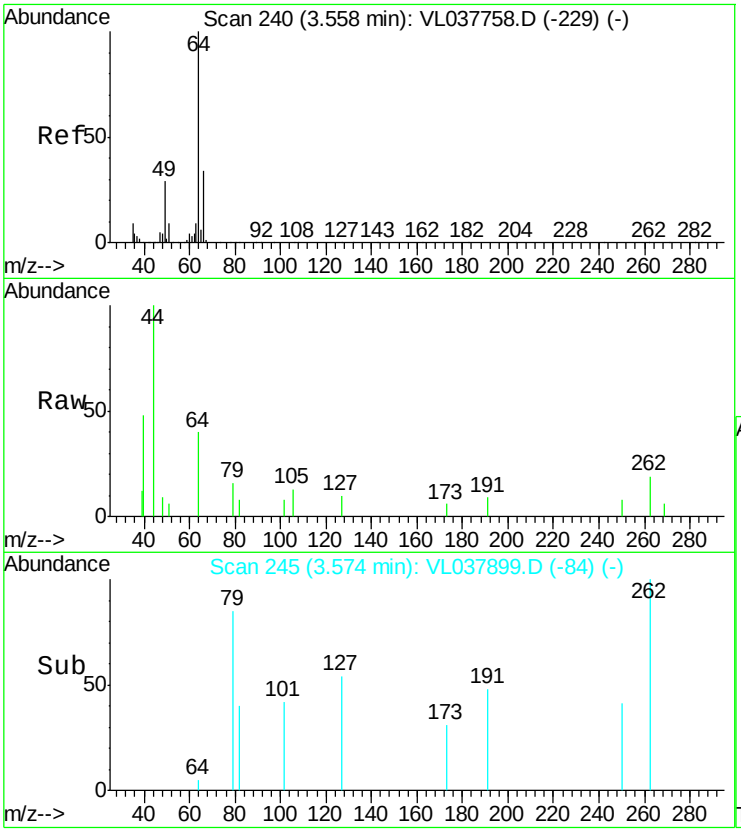


#4
Chloromethane
Concen: 0.090 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 50 Resp: 7953

Ion	Ratio	Lower	Upper
50	100		
52	31.6	24.4	36.6



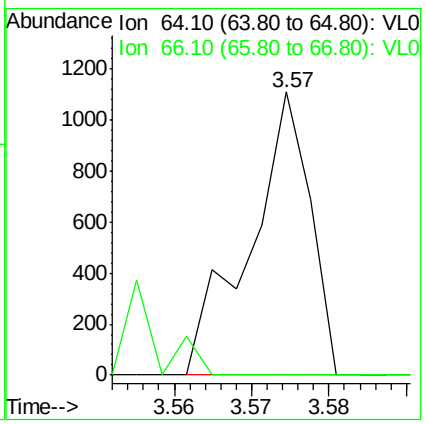


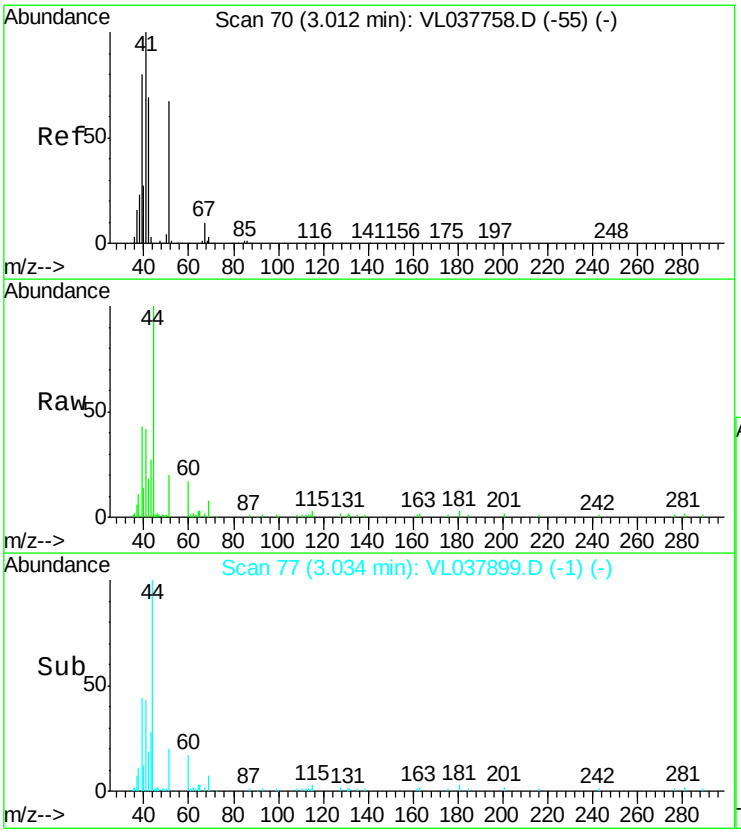
#7
Chloroethane
Concen: 0.020 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 64 Resp: 604

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.5	41.3#

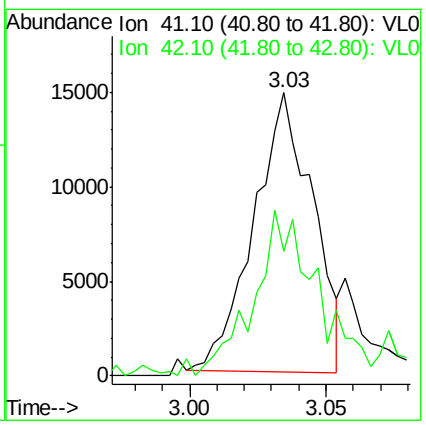


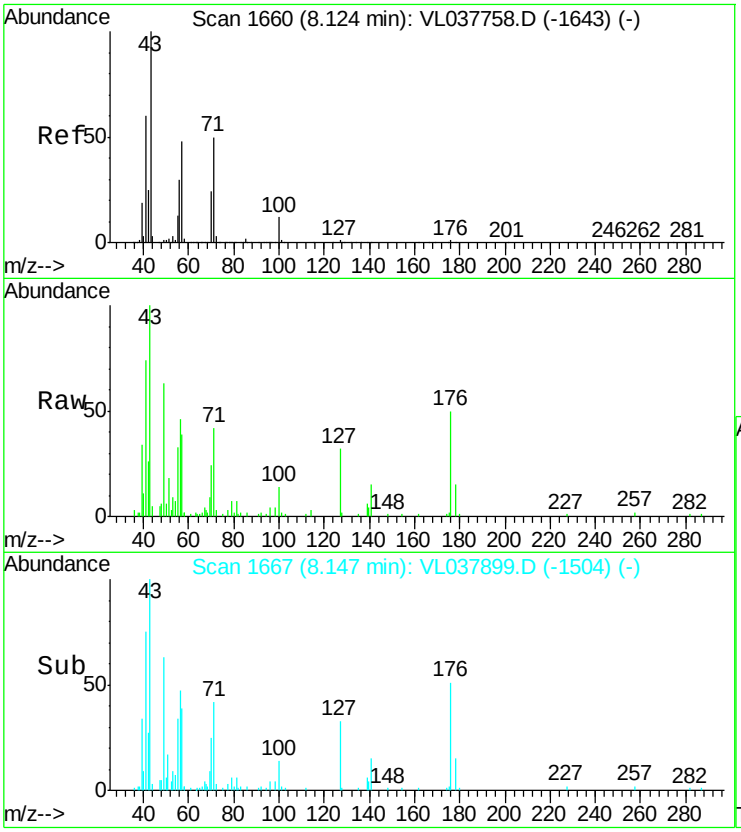


#9
Propene
Concen: 0.250 ppbv
RT: 3.03 min Scan# 77
Delta R.T. 0.02 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 41 Resp: 22168

Ion	Ratio	Lower	Upper
41	100		
42	73.4	54.2	81.2



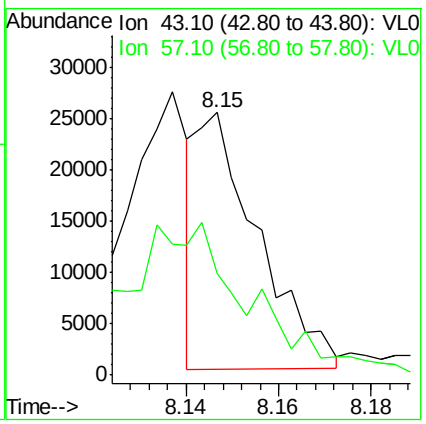


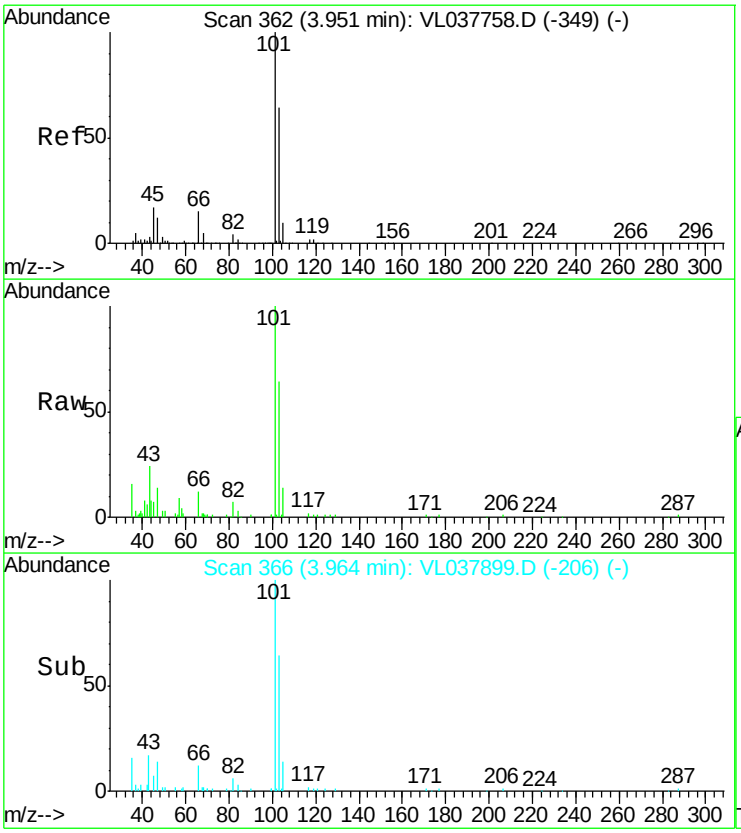
#10
Heptane
Concen: 0.113 ppbv
RT: 8.15
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 43 Resp: 22789

Ion	Ratio	Lower	Upper
43	100		
57	130.9	40.0	60.0#

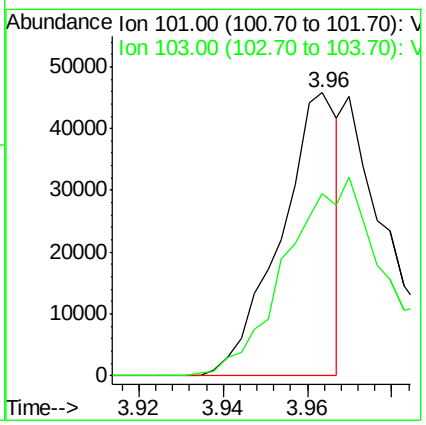


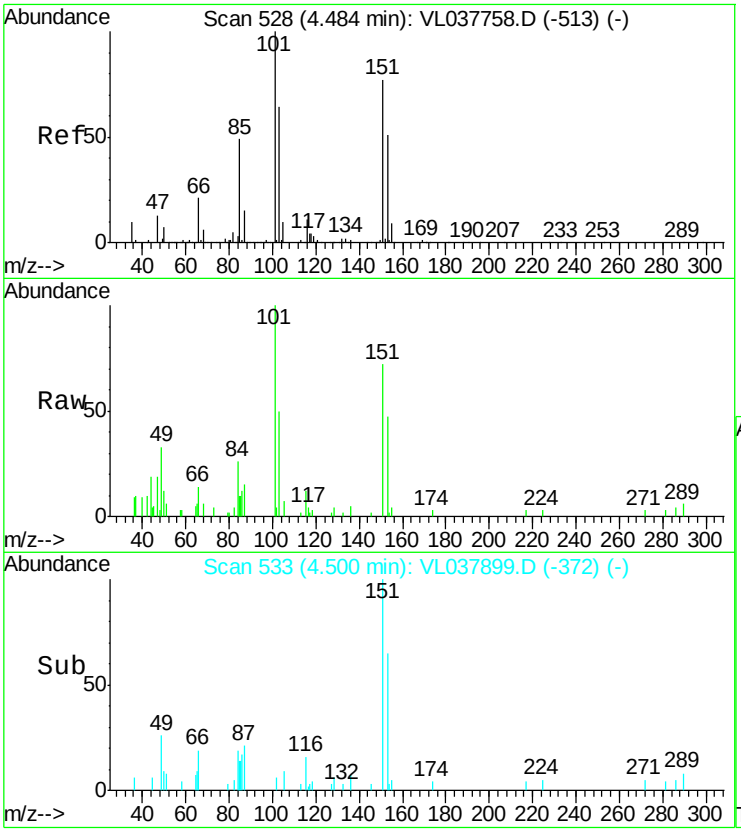


#11
Trichlorofluoromethane
Concen: 0.244 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion:101 Resp: 43562

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.5	77.3



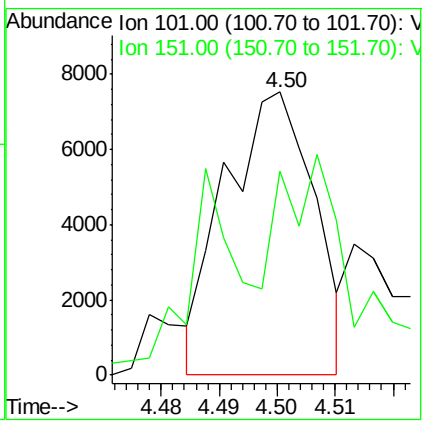


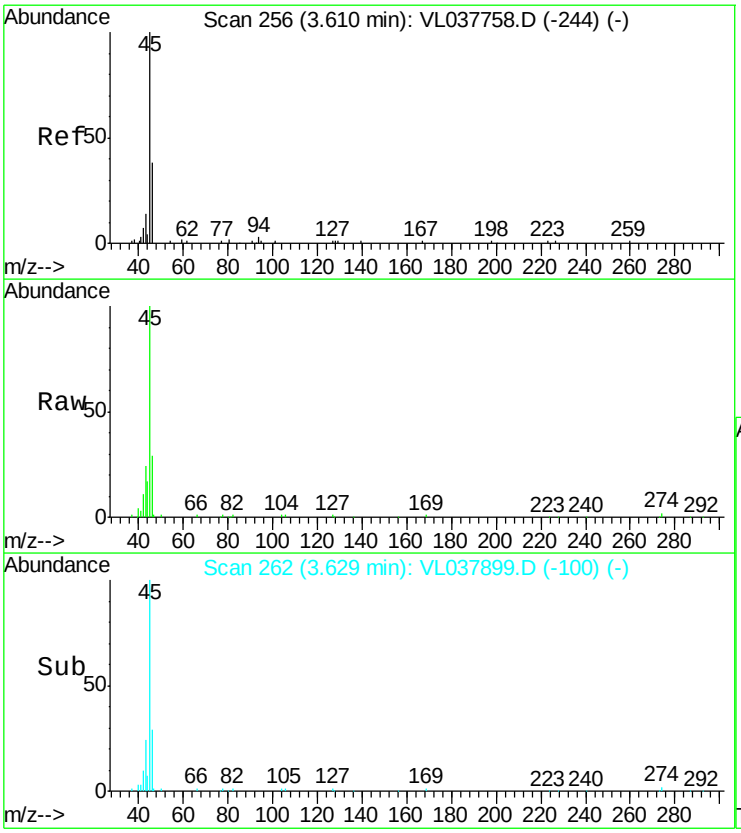
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.059 ppbv
RT: 4.50
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion:101 Resp: 8041

Ion	Ratio	Lower	Upper
101	100		
151	0.0	62.9	94.3#

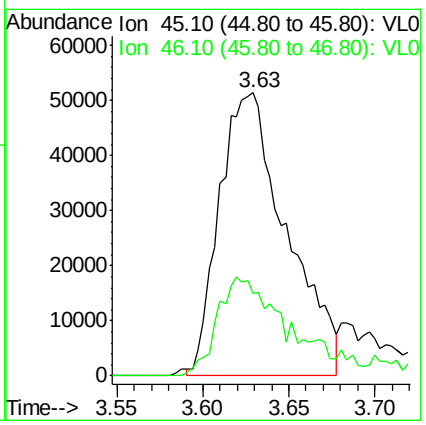


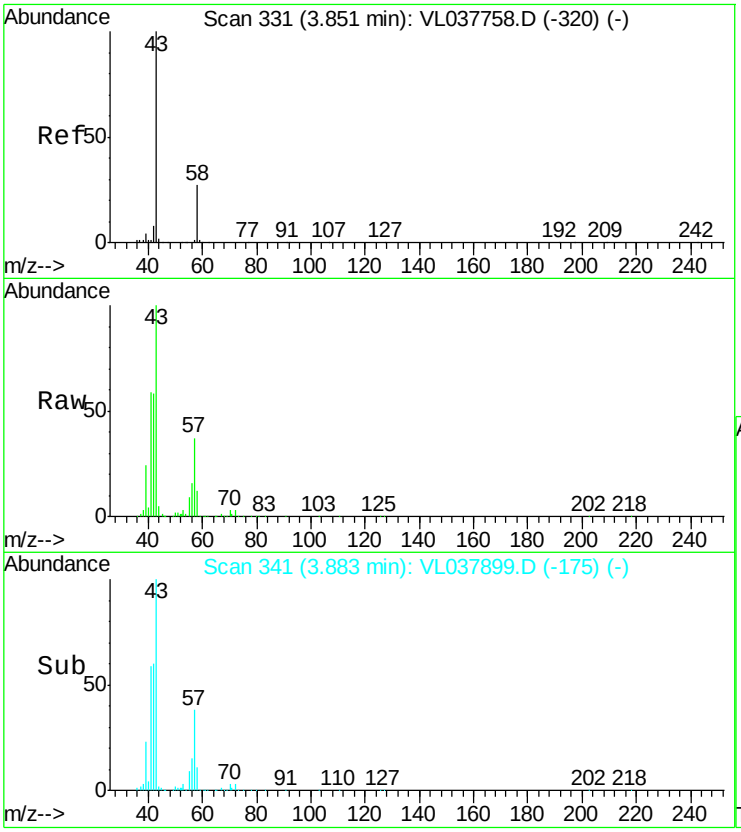


#13
Ethanol
Concen: 19.249 ppbv
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 45 Resp: 139544

Ion	Ratio	Lower	Upper
45	100		
46	42.8	20.2	81.0



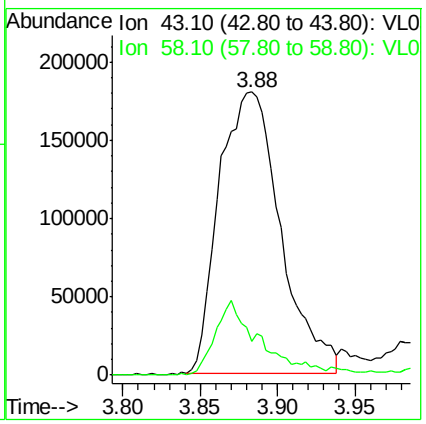


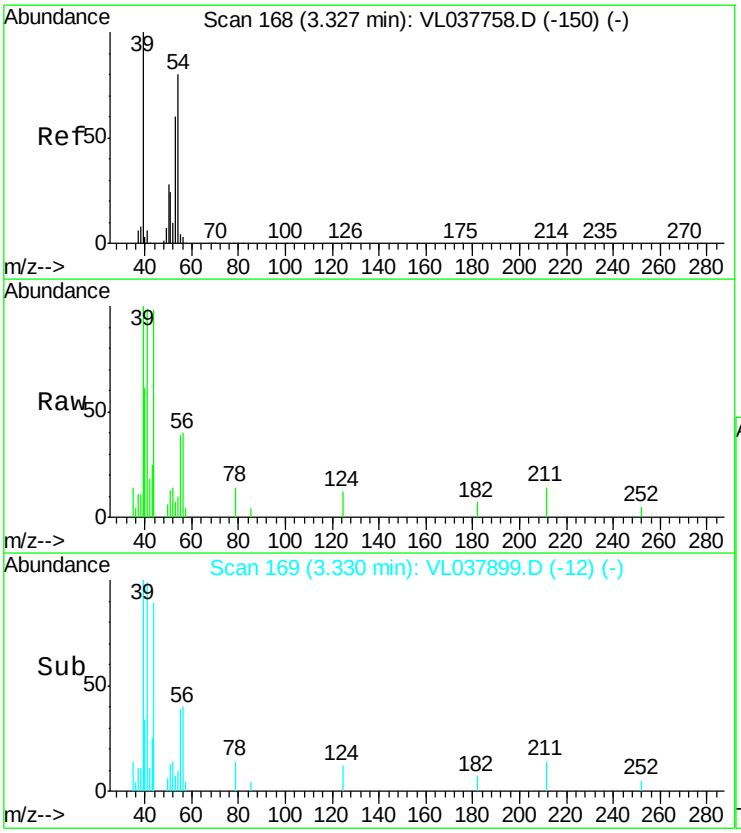
#15
Acetone
Concen: 4.435 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 43 Resp: 499243

Ion	Ratio	Lower	Upper
43	100		
58	20.1	23.0	34.6#

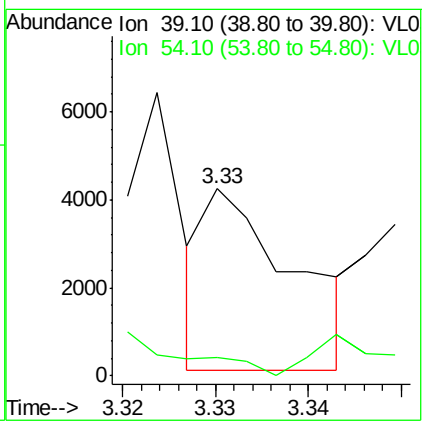


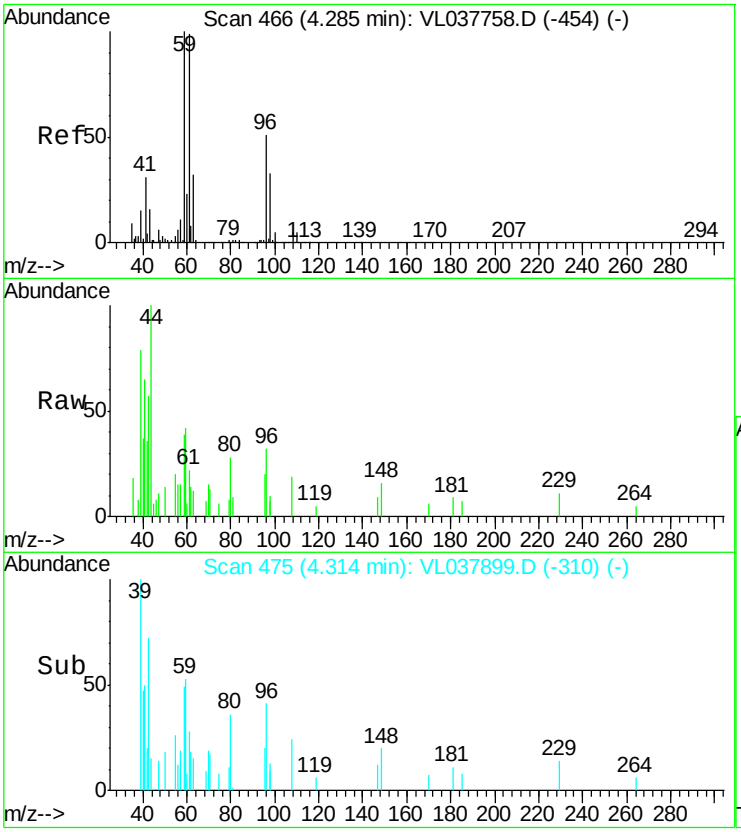


#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 39 Resp: 2740

Ion	Ratio	Lower	Upper
39	100		
54	0.0	61.7	92.5#



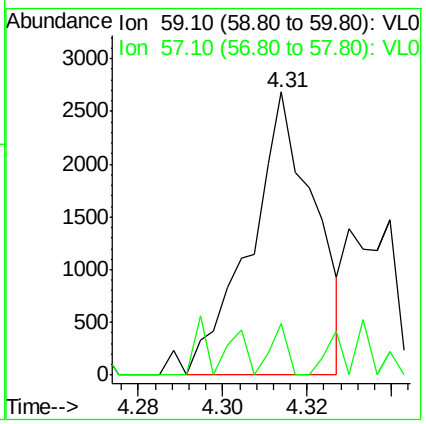


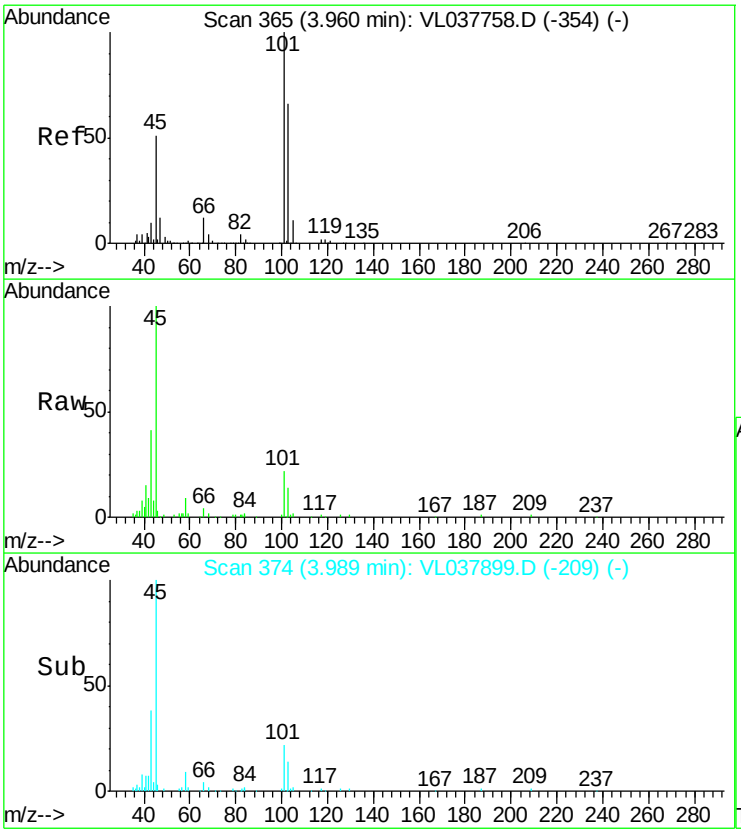
#17
tert-Butyl alcohol
Concen: 0.024 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 59 Resp: 2824

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

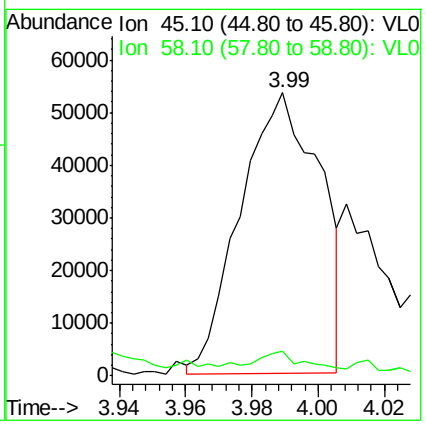


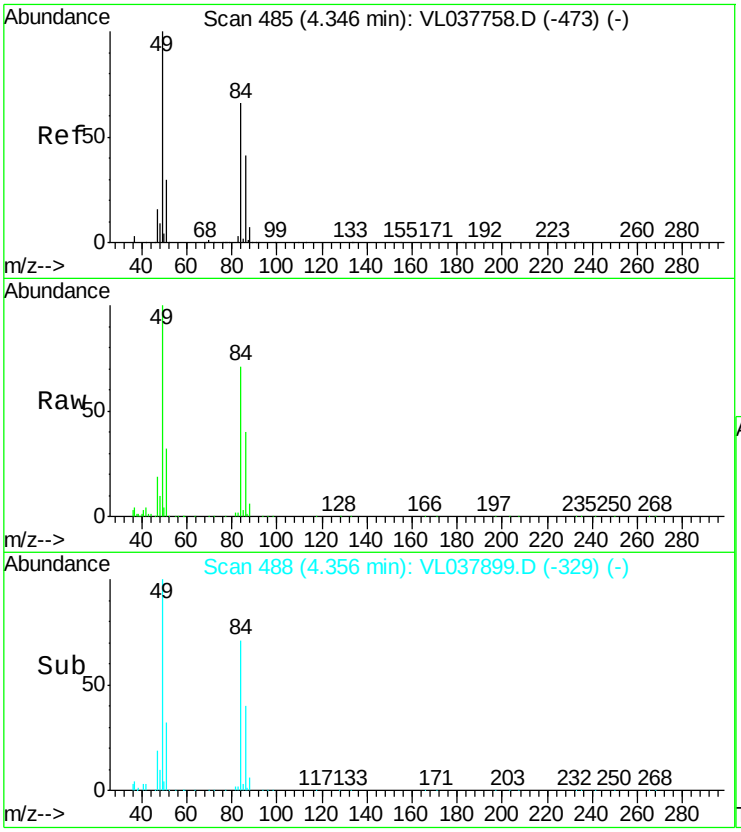


#19
Isopropyl Alcohol
Concen: 1.271 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.03 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 45 Resp: 89026

Ion	Ratio	Lower	Upper
45	100		
58	6.5	1.1	1.7#



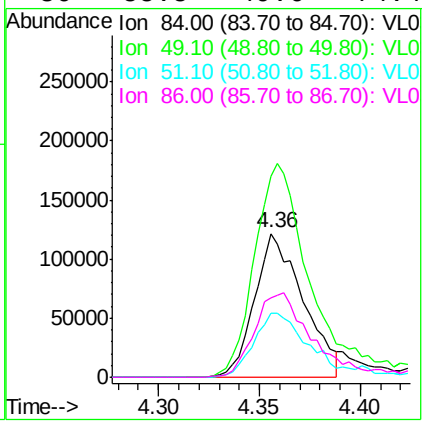


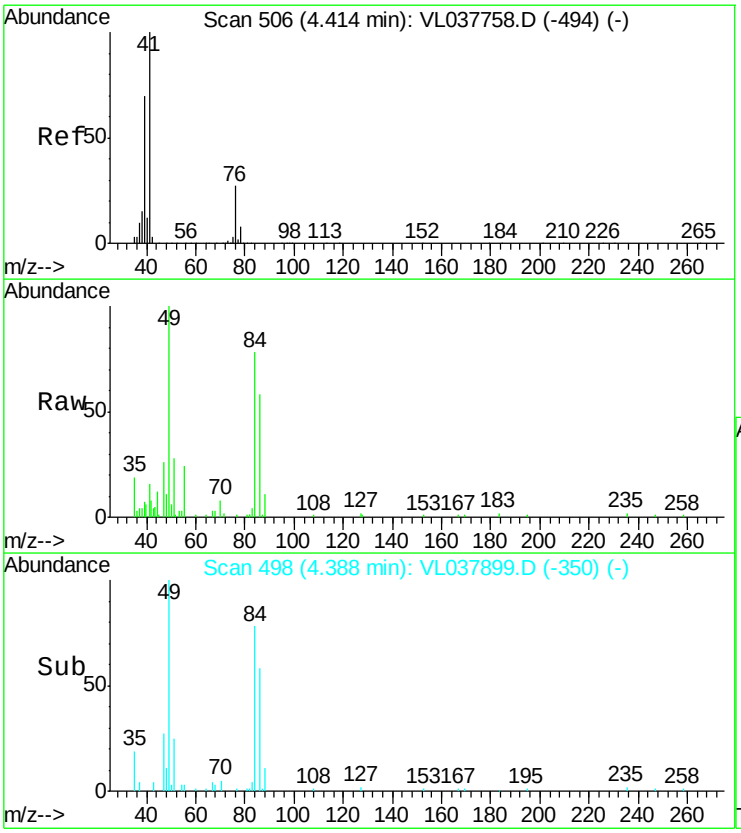
#20
Methylene Chloride
Concen: 3.586 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 84 Resp: 203920

Ion	Ratio	Lower	Upper
84	100		
49	140.3	120.7	181.1
51	44.6	36.2	54.4
86	55.5	49.6	74.4

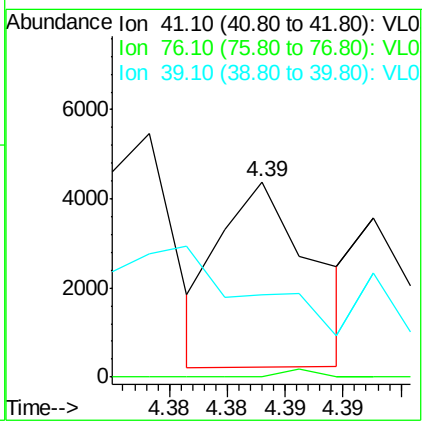


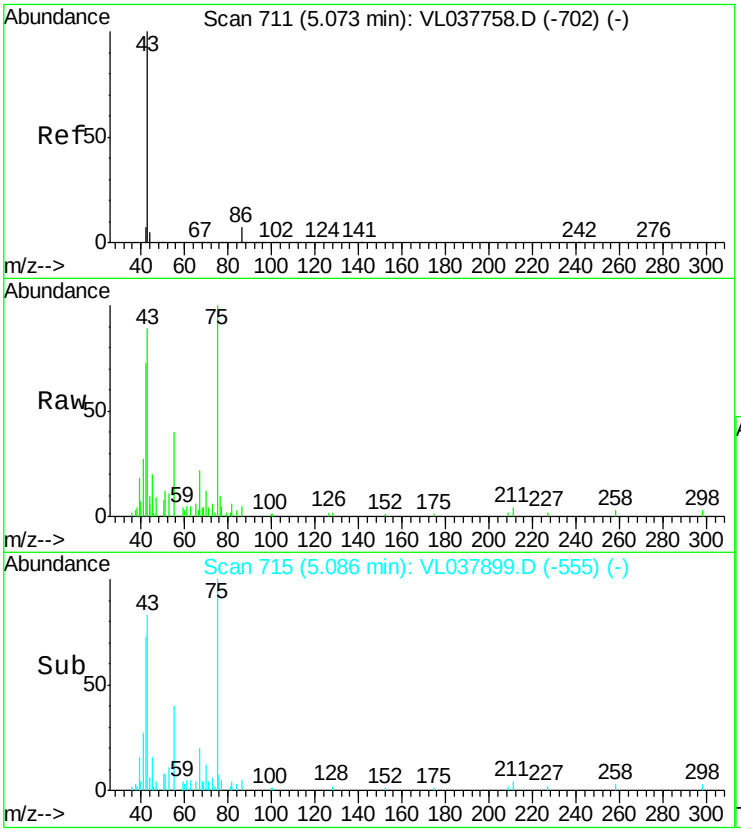


#21
Allyl Chloride
Concen: 0.023 ppbv
RT: 4.39 min Scan# 498
Delta R.T. -0.03 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 41 Resp: 2320

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.4	33.6#
39	0.0	58.0	87.0#



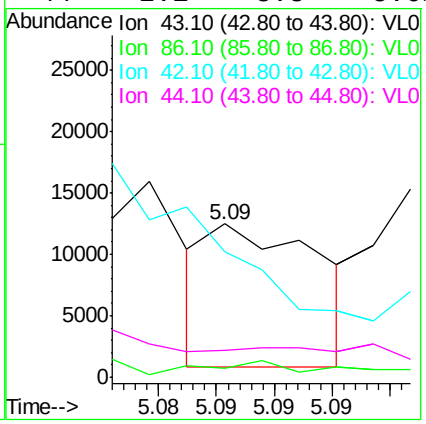


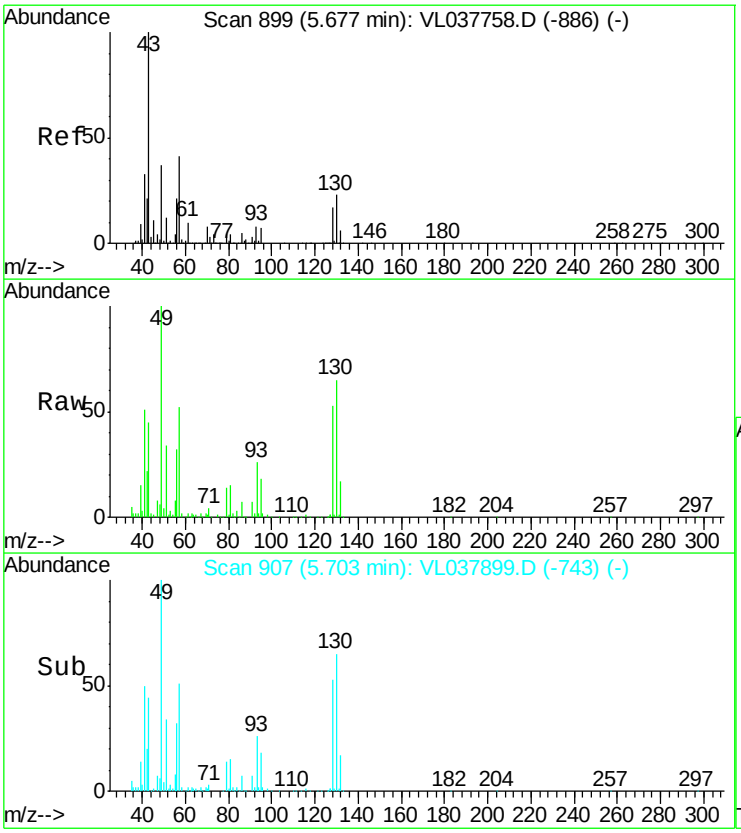
#23
Vinyl Acetate
Concen: 0.046 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 43 Resp: 7708

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	103.5	7.4	11.0#
44	2.1	3.8	5.6#

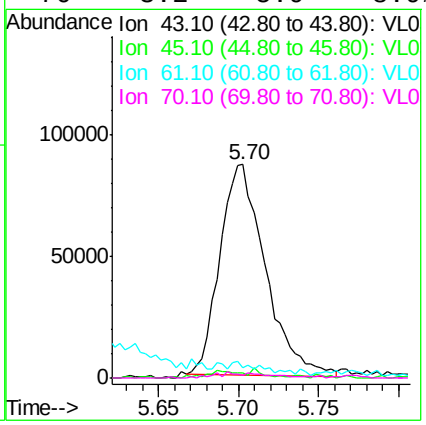


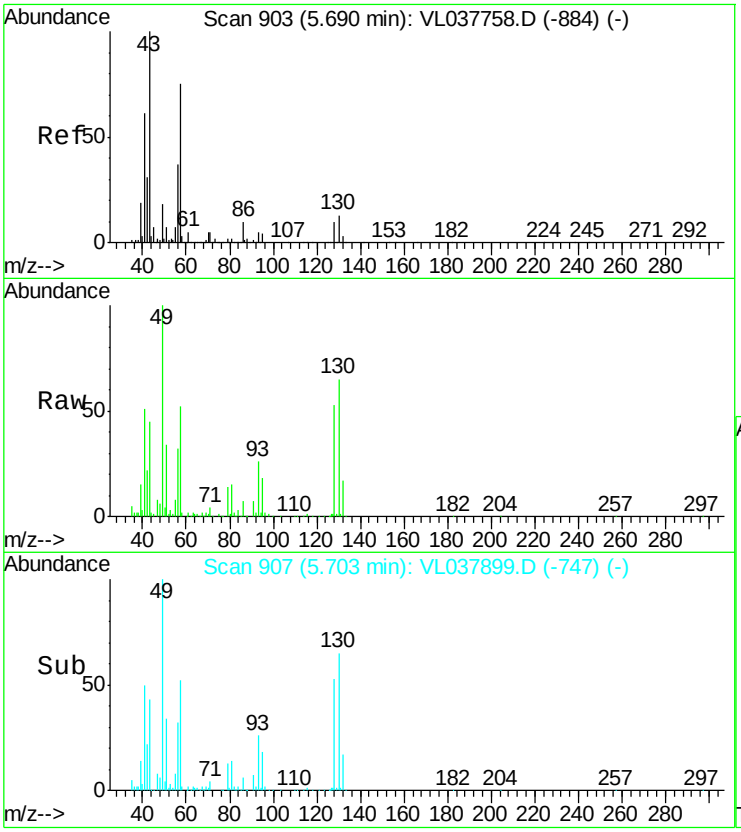


#25
Ethyl Acetate
Concen: 0.533 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.03 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 43 Resp: 168334

Ion	Ratio	Lower	Upper
43	100		
45	3.9	8.1	12.1#
61	0.0	7.5	11.3#
70	3.2	5.9	8.9#



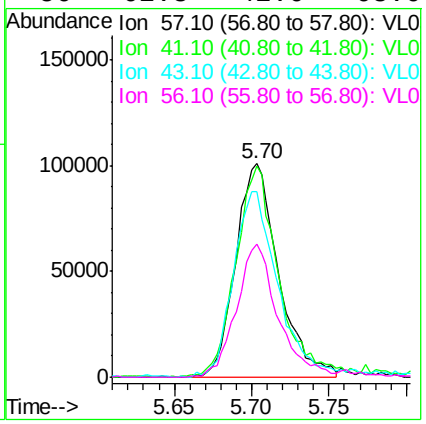


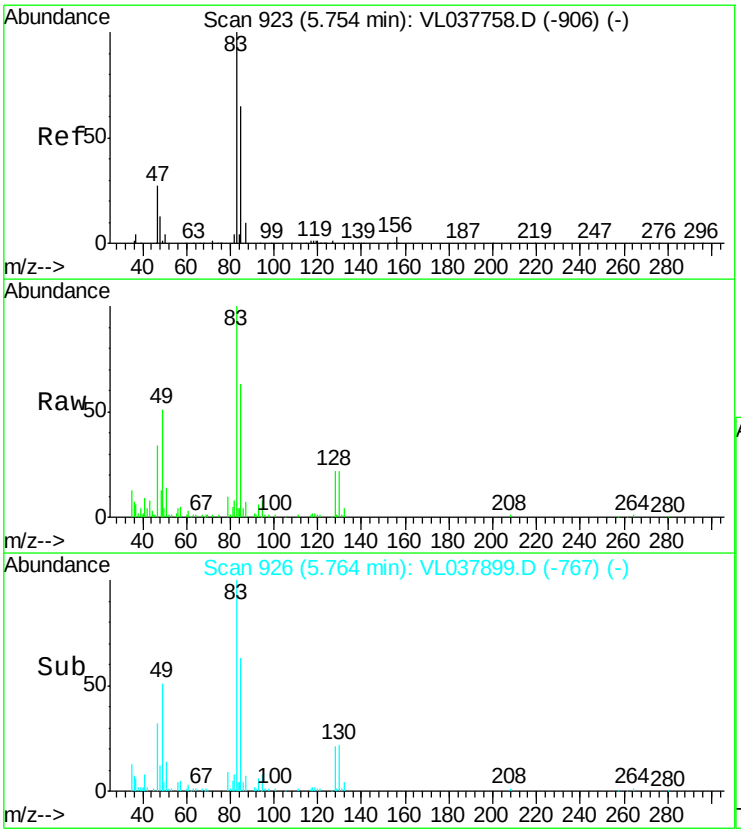
#26
Hexane
Concen: 1.251 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 57 Resp: 194498

Ion	Ratio	Lower	Upper
57	100		
41	100.2	69.6	104.4
43	94.2	171.4	257.0#
56	62.3	42.0	63.0

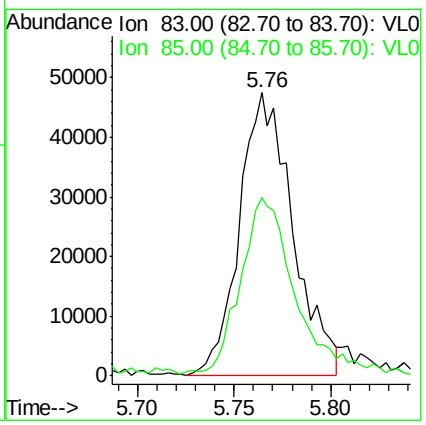


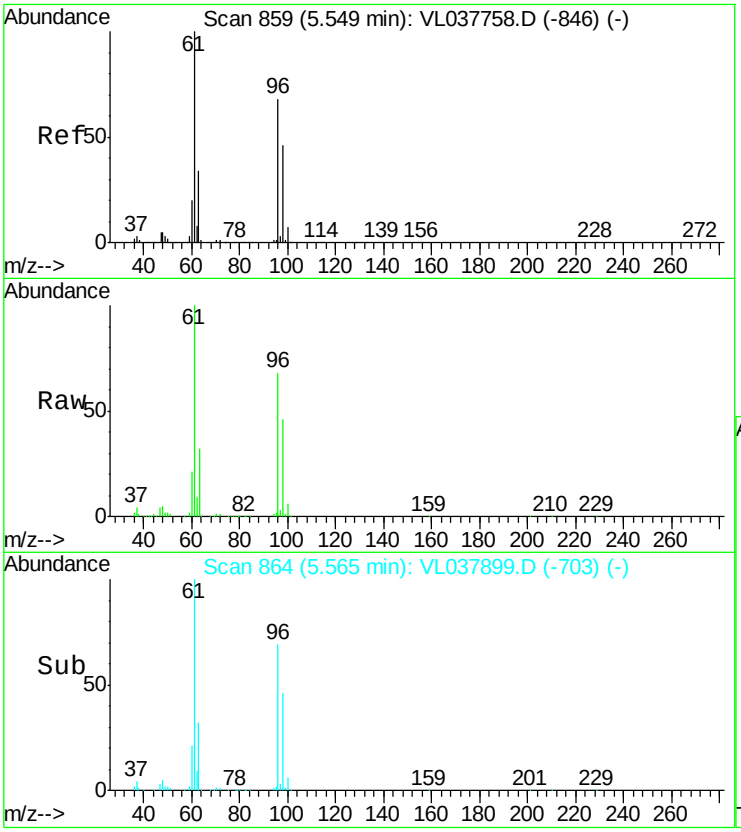


#29
Chloroform
Concen: 0.411 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.01 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 83 Resp: 91267

Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.8	77.8



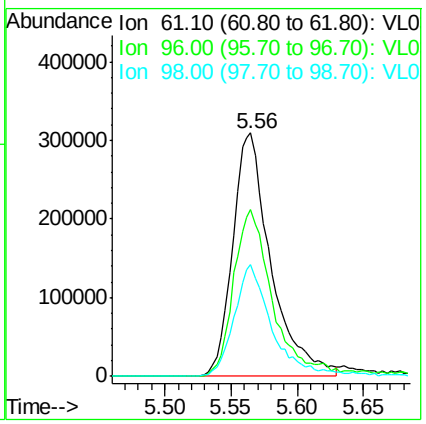


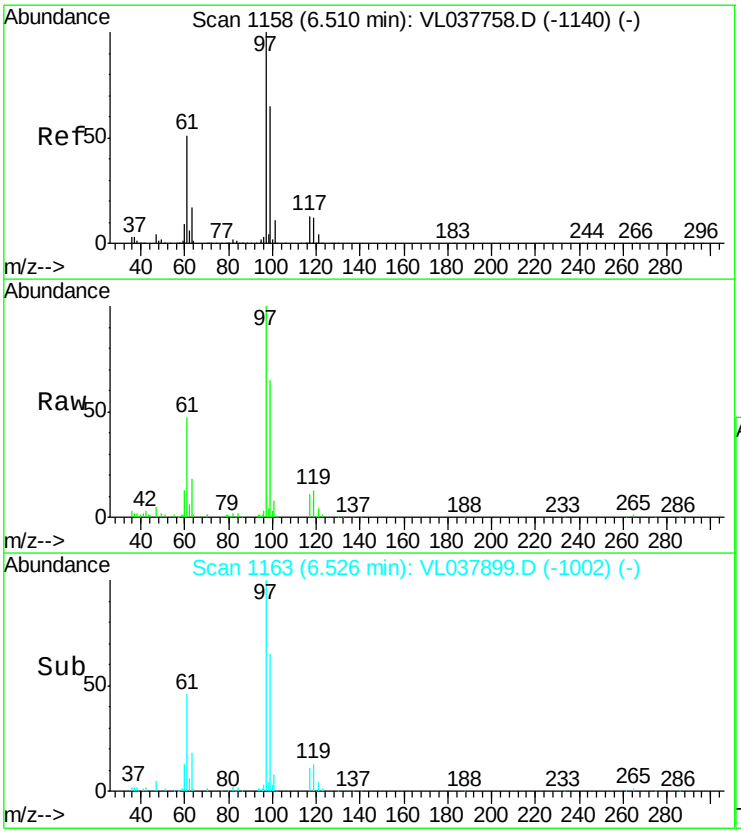
#31
cis-1,2-Dichloroethene
Concen: 4.397 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 61 Resp: 620849

Ion	Ratio	Lower	Upper
61	100		
96	68.4	54.2	81.2
98	46.1	36.6	54.8

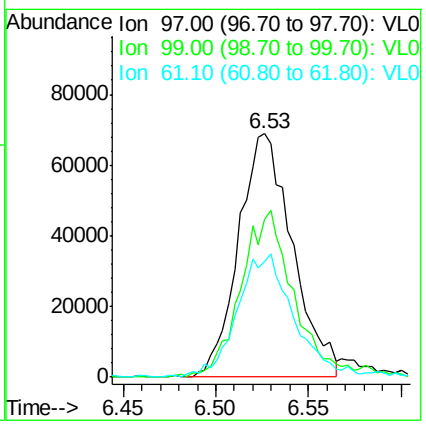


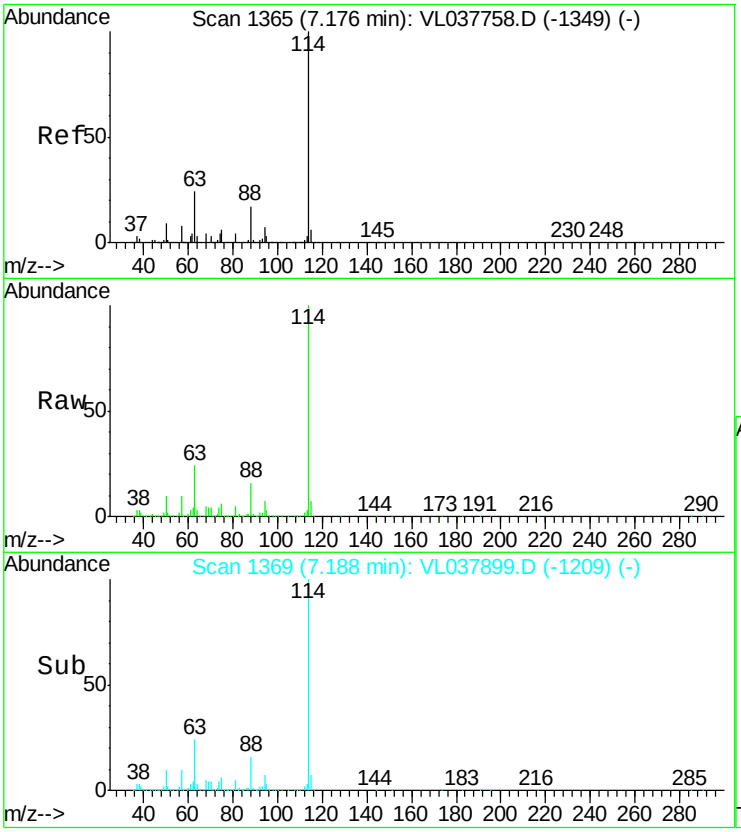


#32
1,1,1-Trichloroethane
Concen: 0.659 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.02 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 97 Resp: 138855

Ion	Ratio	Lower	Upper
97	100		
99	69.1	52.6	78.8
61	54.3	40.2	60.4



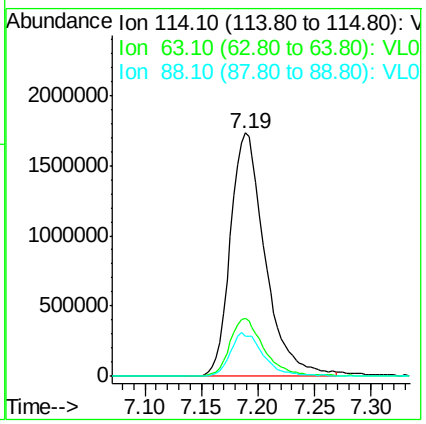


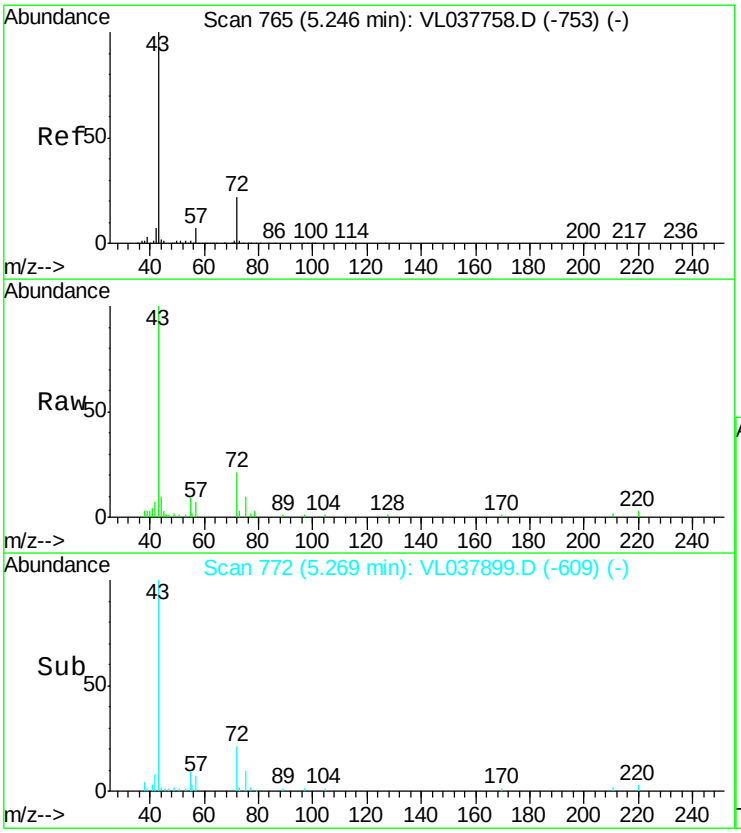
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion:114 Resp: 3707559

Ion	Ratio	Lower	Upper
114	100		
63	23.5	19.4	29.2
88	17.5	14.4	21.6

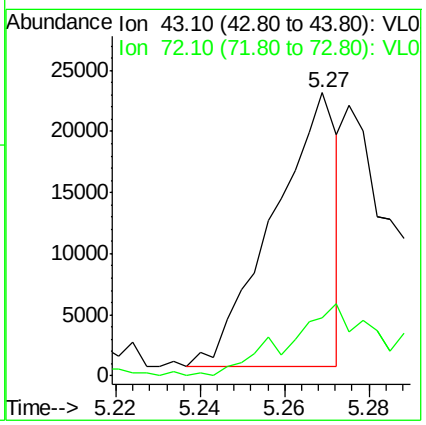


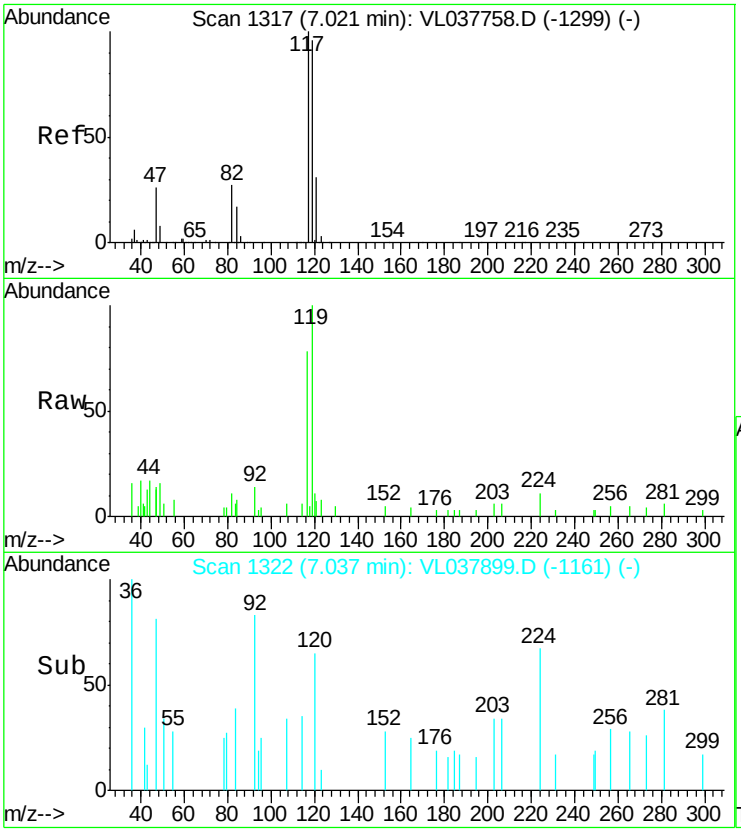


#34
2-Butanone
Concen: 0.157 ppbv
RT: 5.27 min Scan# 772
Delta R.T. 0.02 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 43 Resp: 23525

Ion	Ratio	Lower	Upper
43	100		
72	51.2	18.2	27.2#



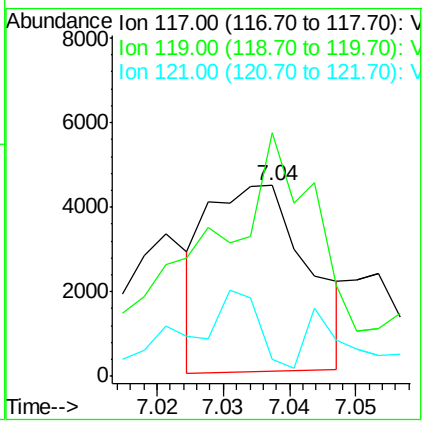


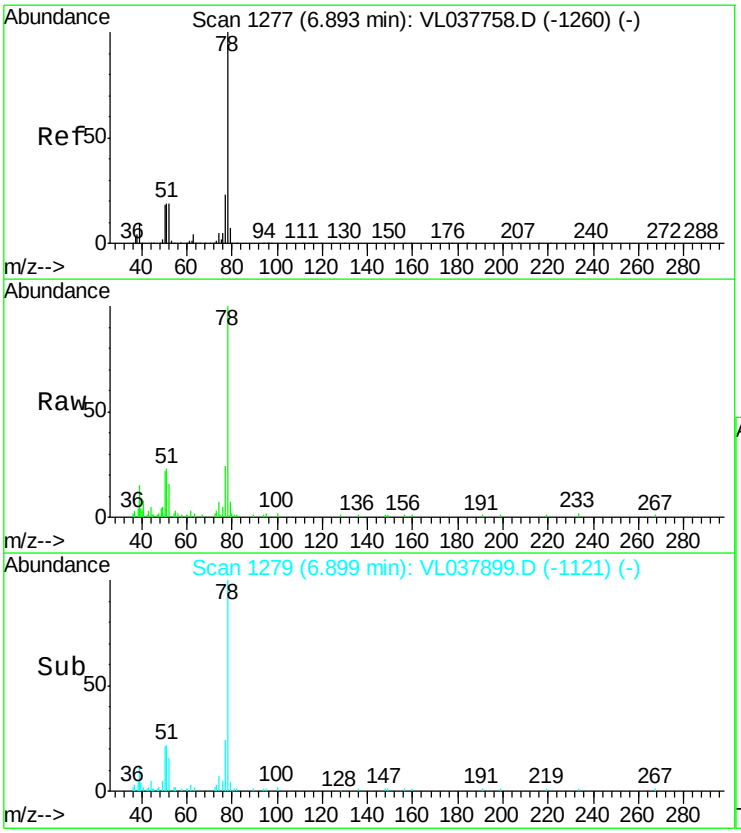
#35
Carbon Tetrachloride
Concen: 0.022 ppbv
RT: 7.04
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion:117 Resp: 4646

Ion	Ratio	Lower	Upper
117	100		
119	158.9	76.5	114.7#
121	0.0	24.9	37.3#

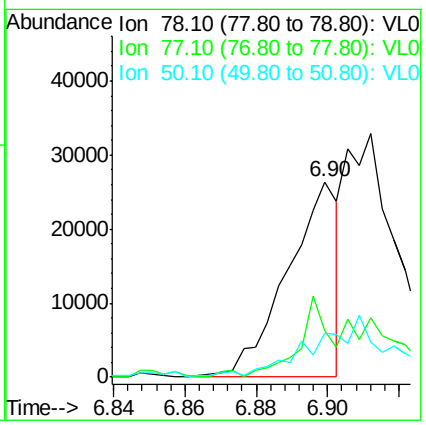


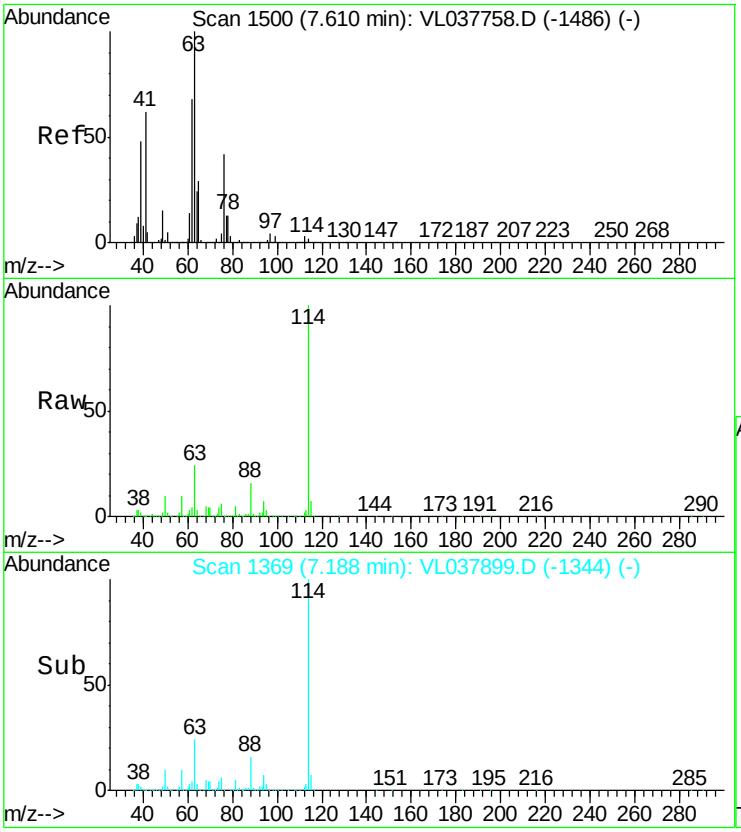


#36
Benzene
Concen: 0.083 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 78 Resp: 26155

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2
50	22.4	14.7	22.1#



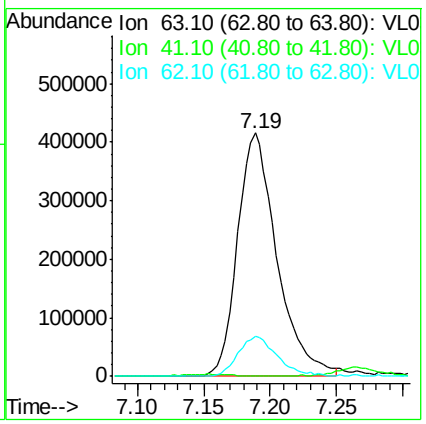


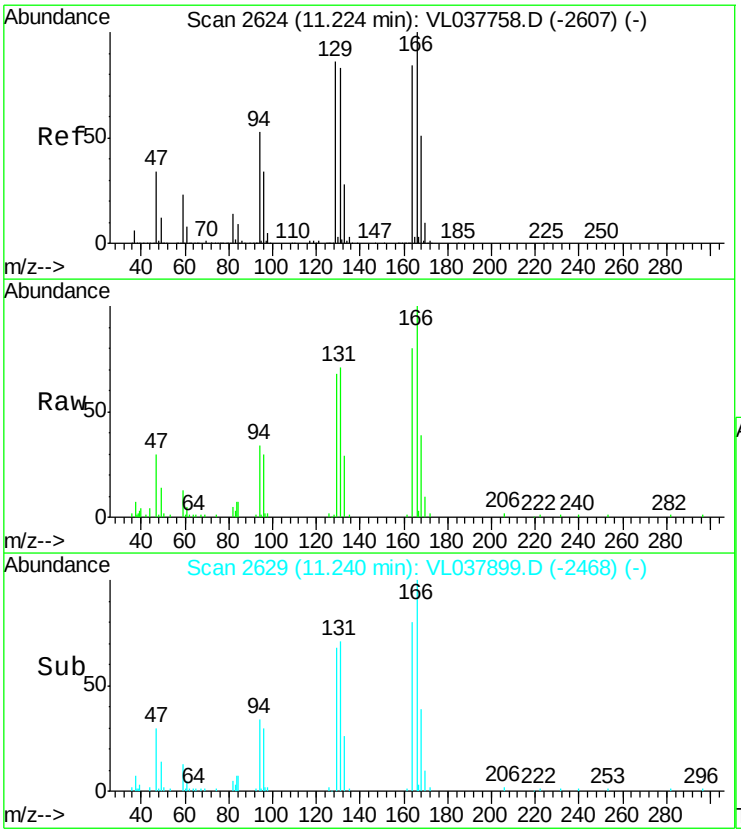
#39
1,2-Dichloropropane
Concen: 7.202 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 63 Resp: 857882

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	16.2	54.6	82.0#

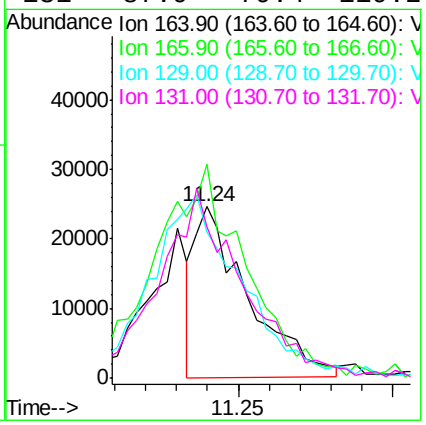


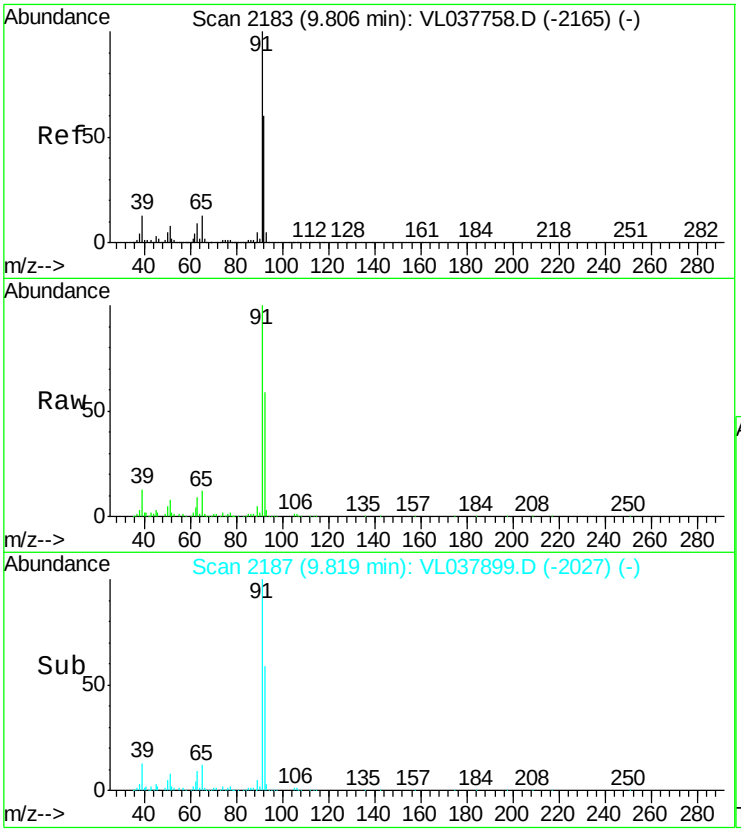


#52
Tetrachloroethene
Concen: 0.238 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.02 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion:164 Resp: 29329

Ion	Ratio	Lower	Upper
164	100		
166	125.2	95.4	143.2
129	83.5	82.2	123.4
131	87.9	79.4	119.2



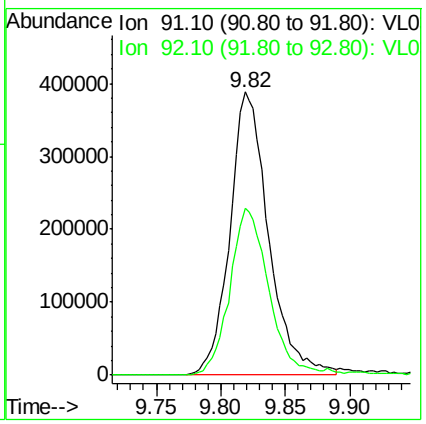


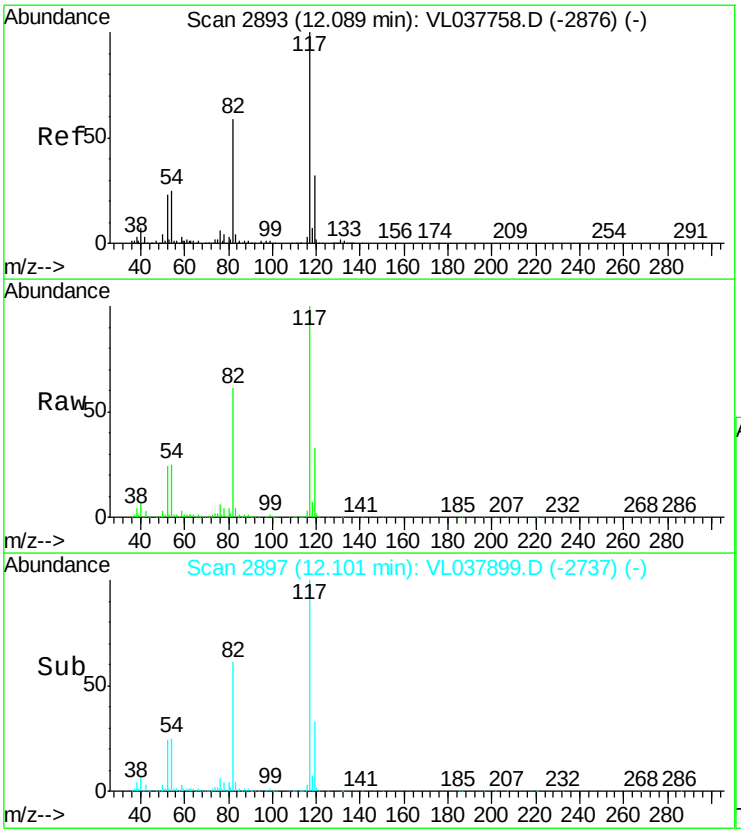
#53
Toluene
Concen: 2.297 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 91 Resp: 806234

Ion	Ratio	Lower	Upper
91	100		
92	61.1	48.4	72.6

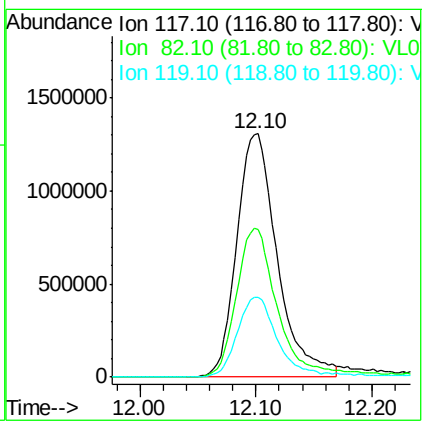


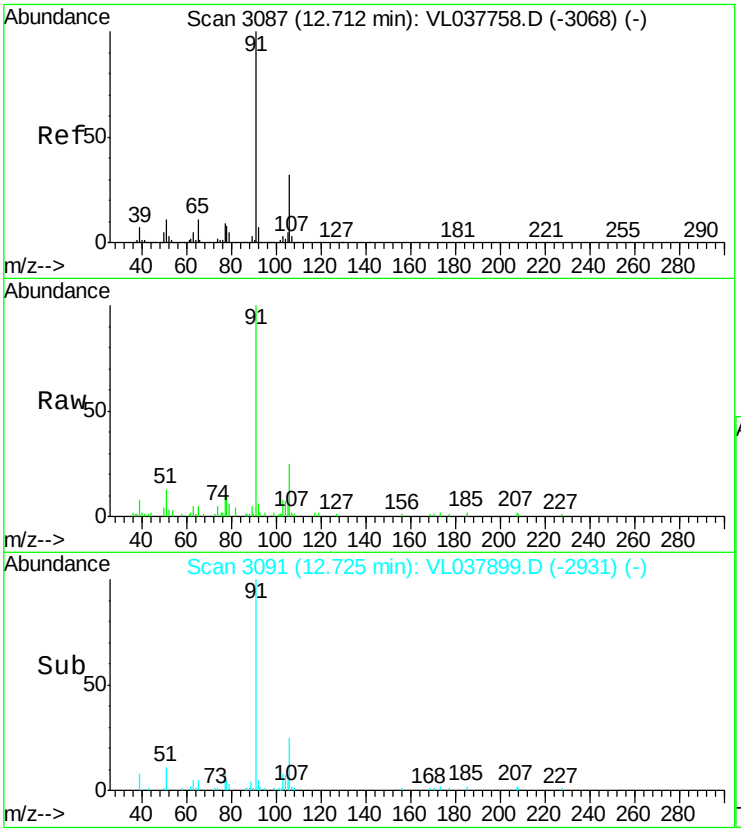


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion:117 Resp: 3183704

Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.2	78.2
119	34.3	26.0	39.0



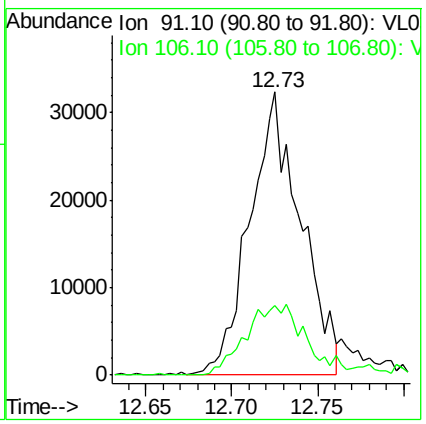


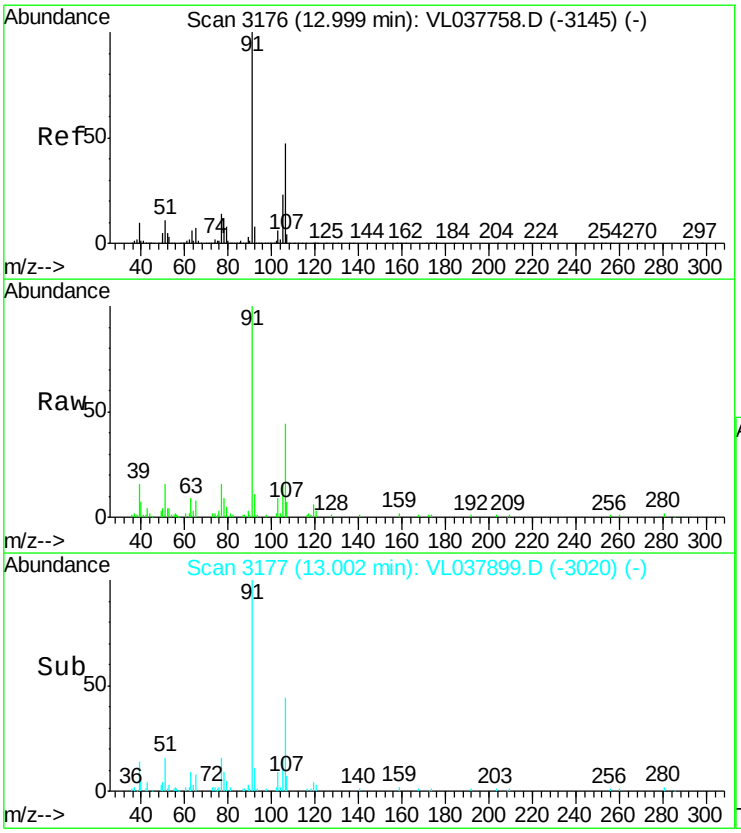
#58
Ethyl Benzene
Concen: 0.155 ppbv
RT: 12.73
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 91 Resp: 66179

Ion	Ratio	Lower	Upper
91	100		
106	24.7	25.3	37.9#

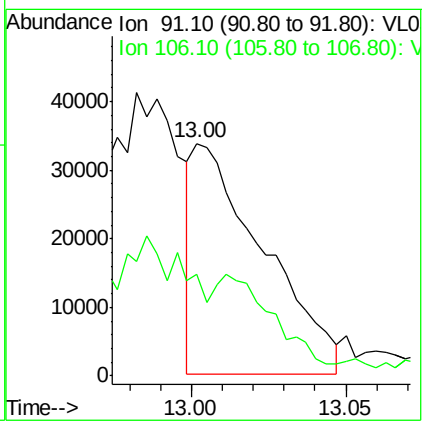


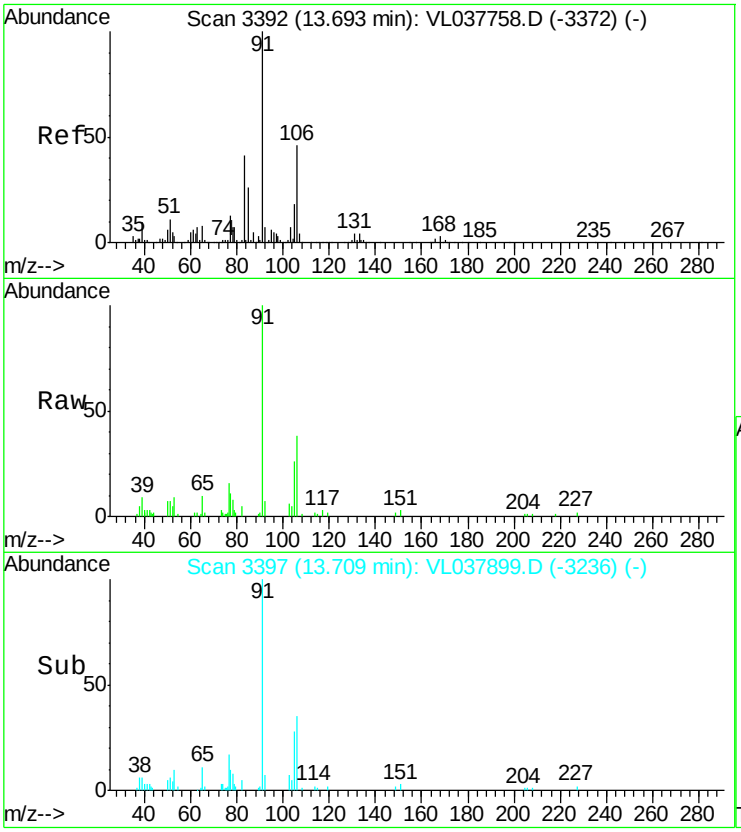


#59
m/p-Xylene
Concen: 0.145 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. 0.00 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 91 Resp: 53081

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.7	55.1#



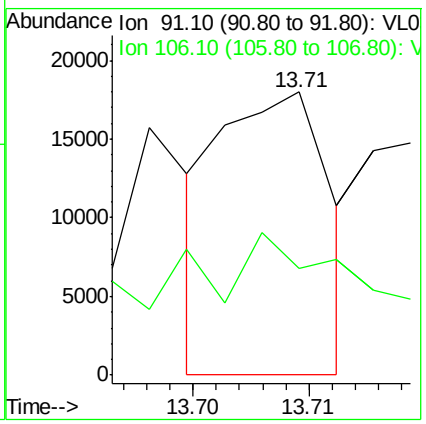


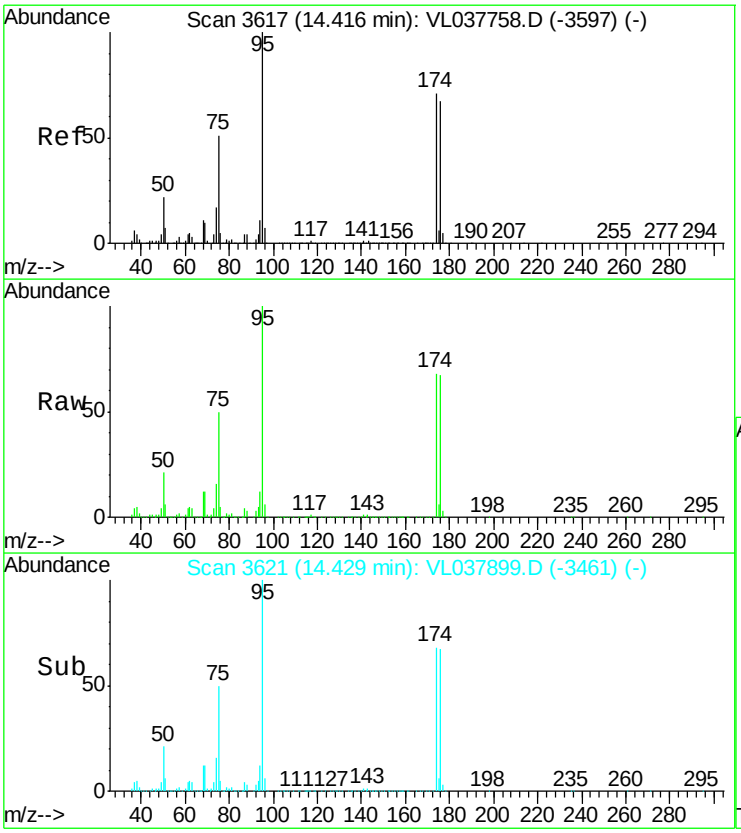
#60
o-Xylene
Concen: 0.034 ppbv
RT: 13.71
Delta R.T
Lab File:
Acq: 25 Oct 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 91 Resp: 11832

Ion	Ratio	Lower	Upper
91	100		
106	146.6	23.5	70.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.208 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.01 min
Lab File: VL037899.D
Acq: 25 Oct 2021 18:24

Tgt Ion: 95 Resp: 2272710

Ion	Ratio	Lower	Upper
95	100		
174	74.7	57.8	86.6
175	5.4	4.7	7.1