Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041222\
Data File : VL038900.D
Acq On : 12 Apr 2022 21:15
Operator : SY/AP
Sample : N2339-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVE-EFFLUENTDUP

Quant Time: Apr 13 01:18:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1005667	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2389174	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	1943627	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1582795	10.74	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	41076	0.288	ppbv	#	80
3) Chlorodifluoromethane	2.96	51	83372	0.679	ppbv	#	81
4) Chloromethane	3.13	50	20279	0.319	ppbv	#	79
11) Trichlorofluoromethane	3.94	101	45937	0.401	ppbv		92
13) Ethanol	3.60	45	27023	6.848	ppbv	#	100
15) Acetone	3.85	43	180363	1.801	ppbv	#	70
19) Isopropyl Alcohol	3.97	45	16706	0.326	ppbv	#	100
20) Methylene Chloride	4.34	84	162277	4.469	ppbv		93
22) trans-1,2-Dichloroethene	4.88	96	4018	0.099	ppbv		89
23) Vinyl Acetate	5.07	43	5611	0.058	ppbv	#	47
25) Ethyl Acetate	5.68	43	111889	0.440	ppbv	#	77
26) Hexane	5.68	57	157625	1.363	ppbv	#	40
29) Chloroform	5.74	83	78922	0.488	ppbv		94
31) cis-1,2-Dichloroethene	5.54	61	513246	4.827	ppbv		89
32) 1,1,1-Trichloroethane	6.50	97	151372	0.929	ppbv		95
34) 2-Butanone	5.24	43	48737	0.516	ppbv	#	51
35) Carbon Tetrachloride	7.01	117	8560	0.060	ppbv	#	70
36) Benzene	6.88	78	25310	0.116	ppbv	#	92
38) Trichloroethene	7.82	130	12652	0.142	ppbv	#	82
39) 1,2-Dichloropropane	7.17	63	650752	7.828	ppbv	#	27
44) 2,2,4-Trimethylpentane	7.85	57	27960	0.076	ppbv	#	56
52) Tetrachloroethene	11.21	164	494438	6.513	ppbv		96
53) Toluene	9.79	91	52210	0.208	ppbv	#	20
74) 1,2,4-Trimethylbenzene	16.75	105	9492	0.037	ppbv	#	64

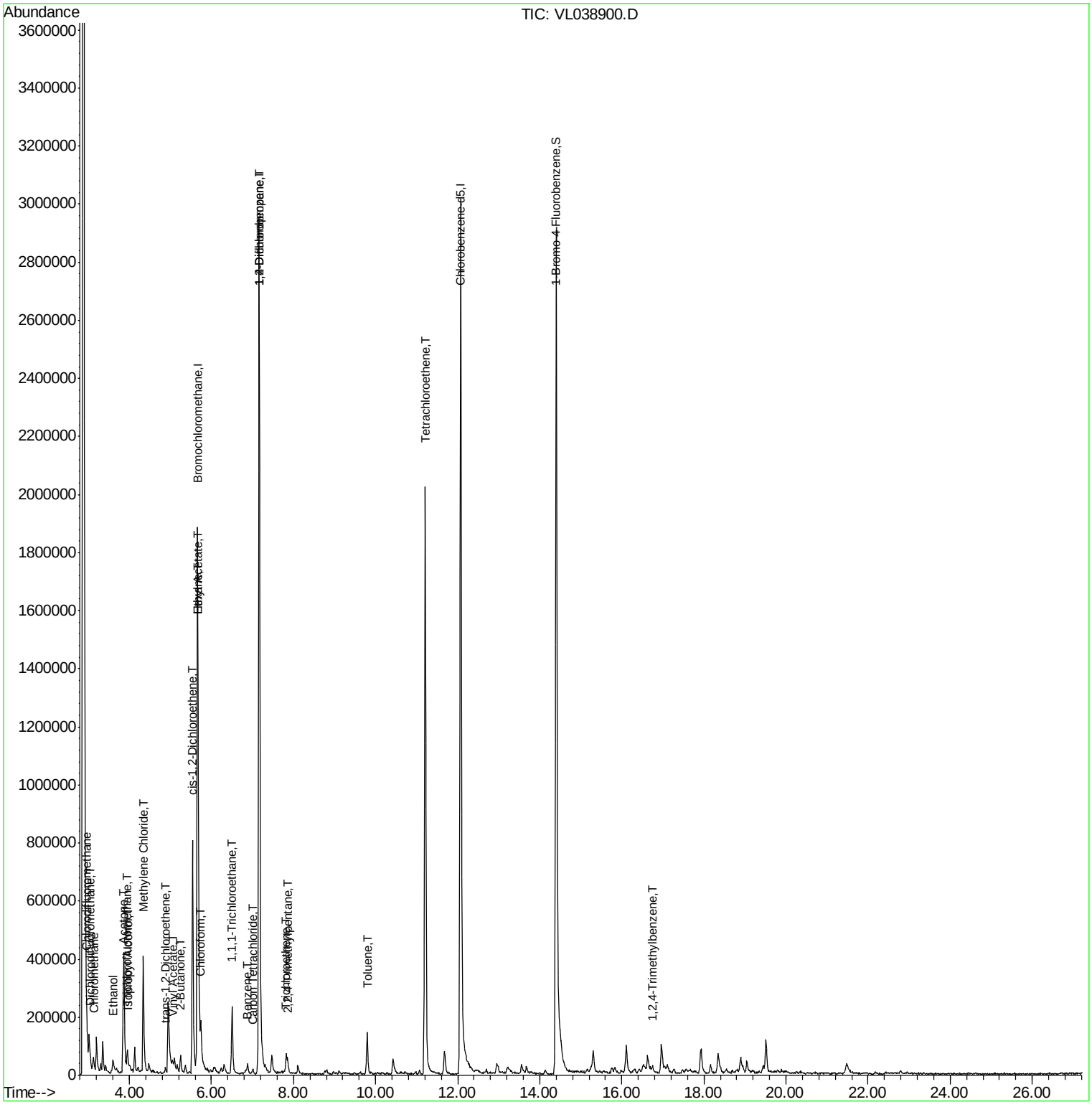
(#) = qualifier out of range (m) = manual integration (+) = signals summed

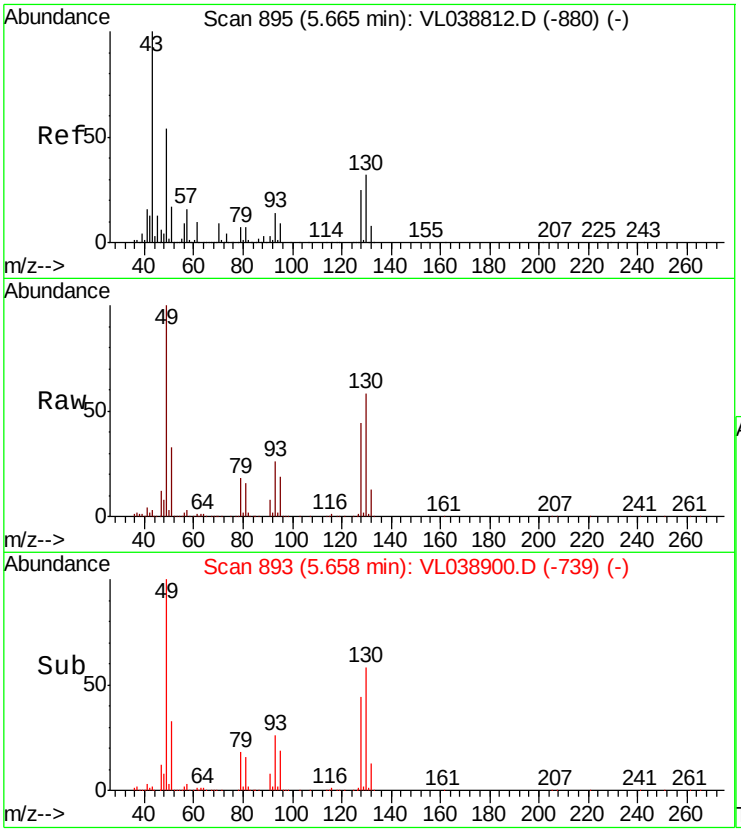
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041222\
Data File : VL038900.D
Acq On : 12 Apr 2022 21:15
Operator : SY/AP
Sample : N2339-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Quant Time: Apr 13 01:18:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration



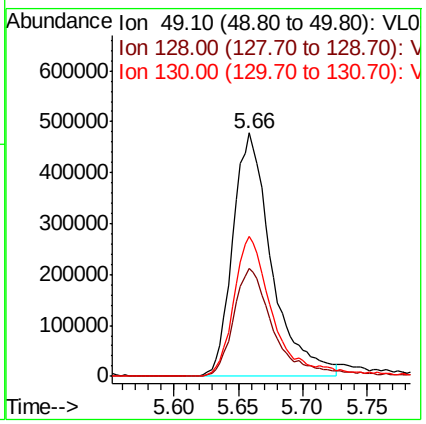


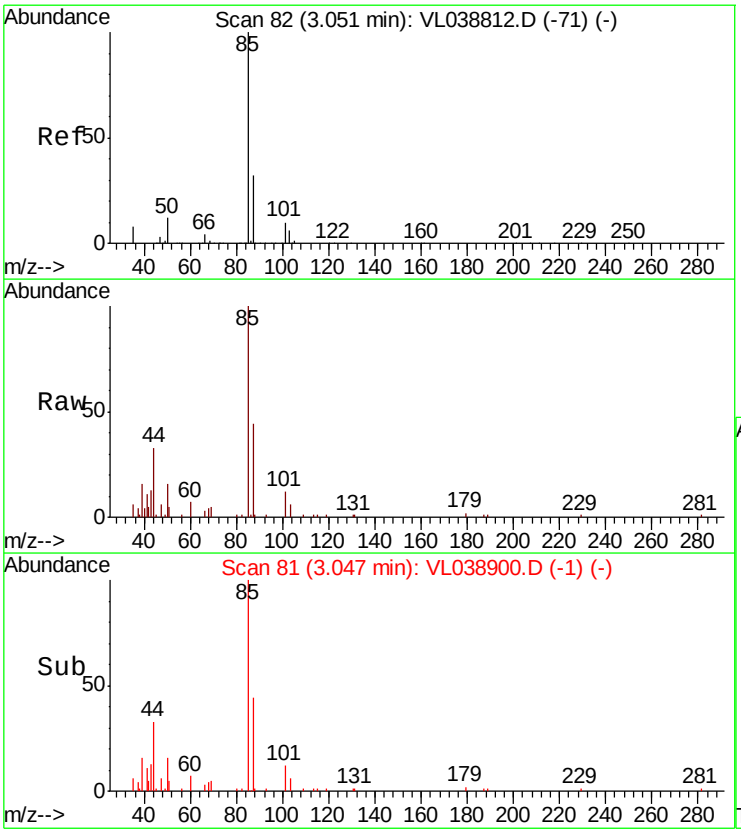
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:13

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 49 Resp: 1005667

Ion	Ratio	Lower	Upper
49	100		
128	46.9	24.1	72.3
130	59.7	30.9	92.8

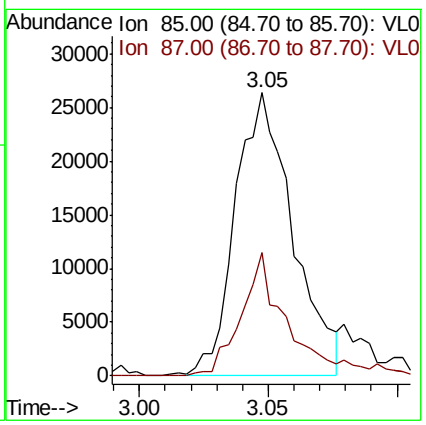


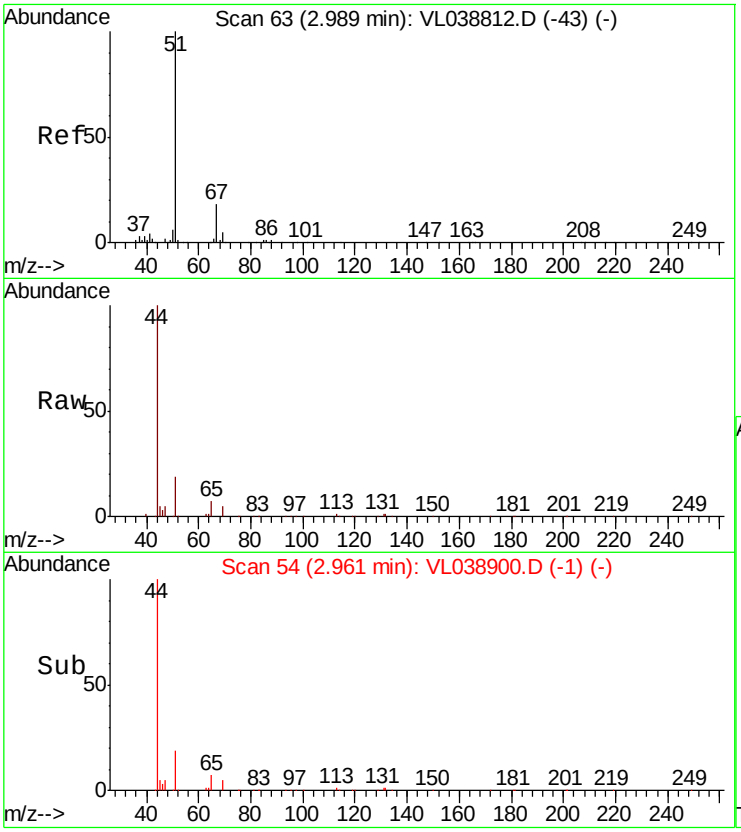


#2
Dichlorodifluoromethane
Concen: 0.288 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 85 Resp: 41076

Ion	Ratio	Lower	Upper
85	100		
87	43.9	25.9	38.9#



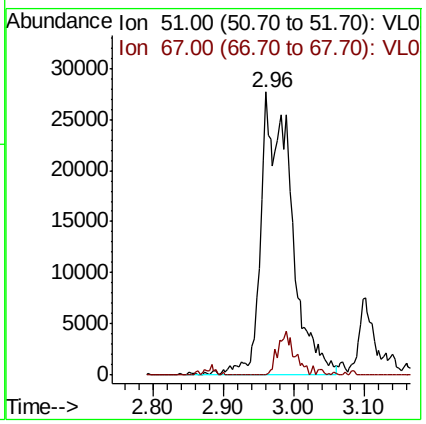


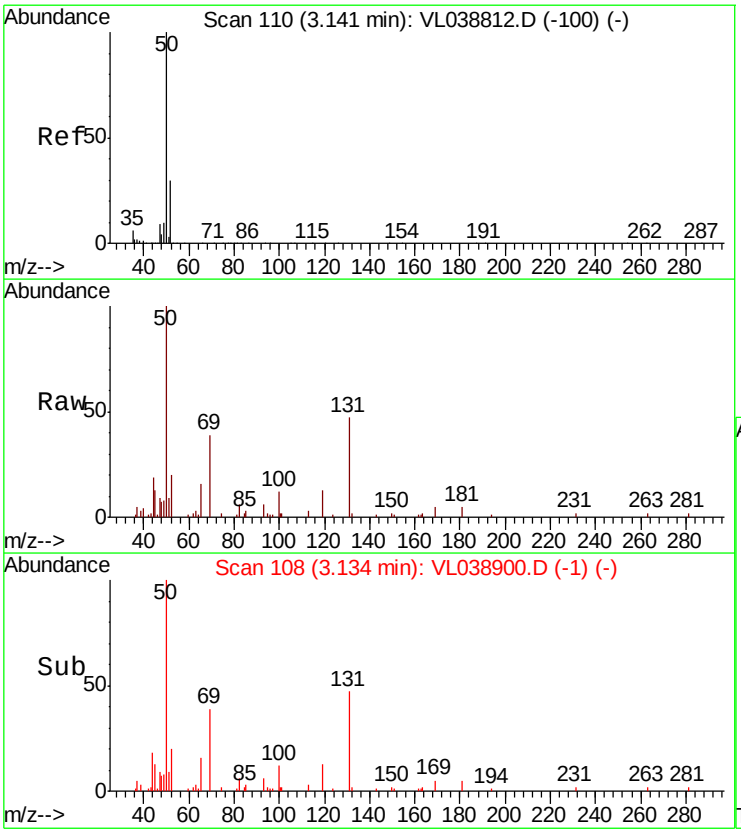
#3
Chlorodifluoromethane
Concen: 0.679 ppbv
RT: 2.96
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 51 Resp: 83372

Ion	Ratio	Lower	Upper
51	100		
67	8.6	13.4	20.0#

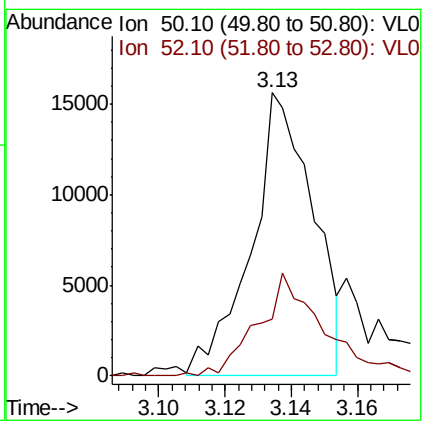


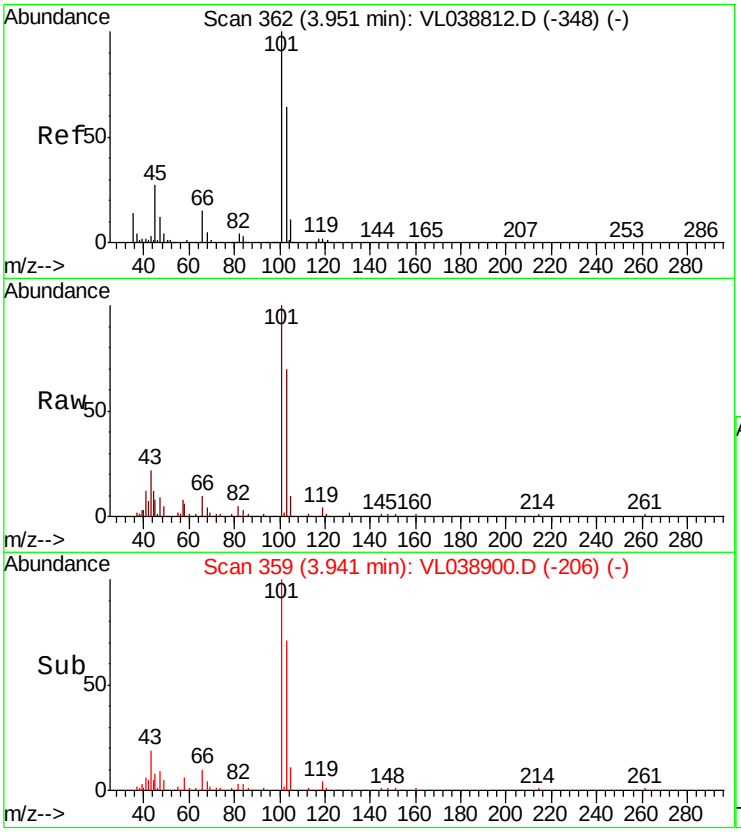


#4
Chloromethane
Concen: 0.319 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 50 Resp: 20279

Ion	Ratio	Lower	Upper
50	100		
52	18.9	24.3	36.5#



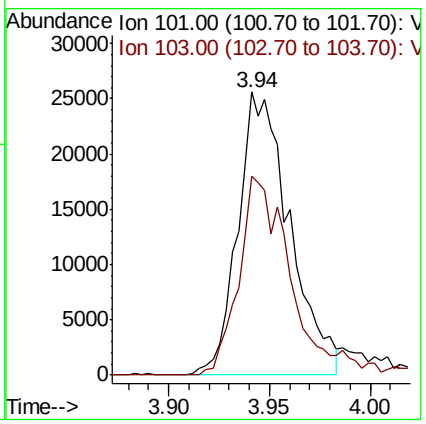


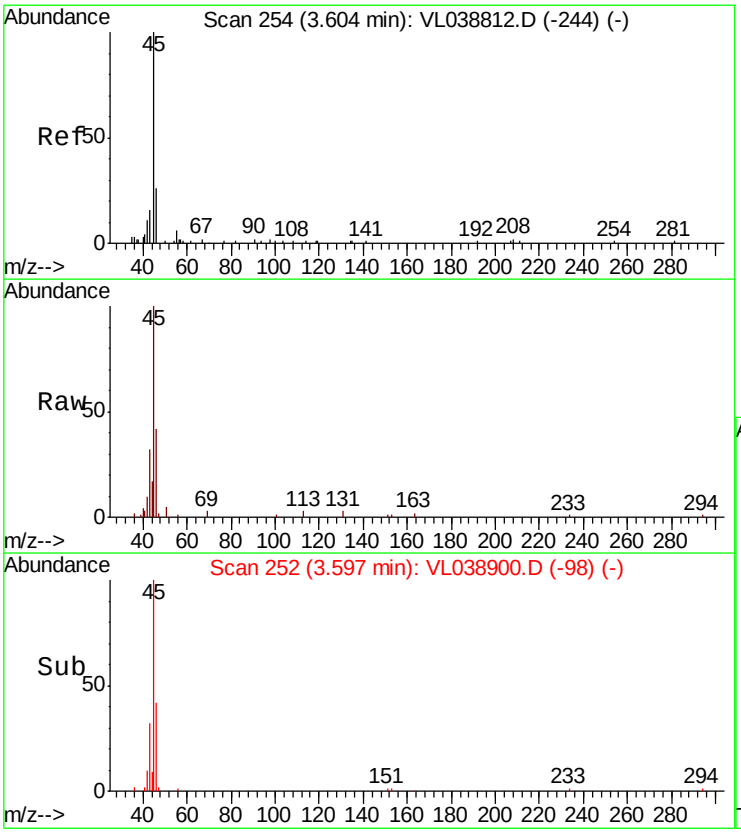
#11
Trichlorofluoromethane
Concen: 0.401 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion:101 Resp: 45937

Ion	Ratio	Lower	Upper
101	100		
103	70.1	51.4	77.0

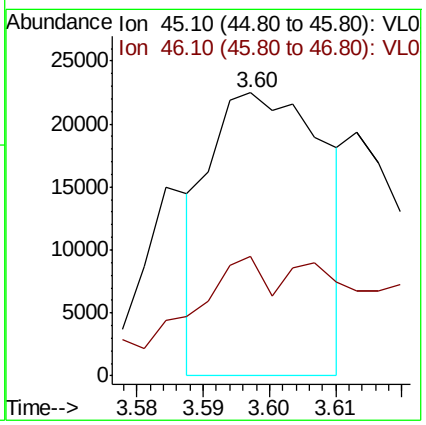


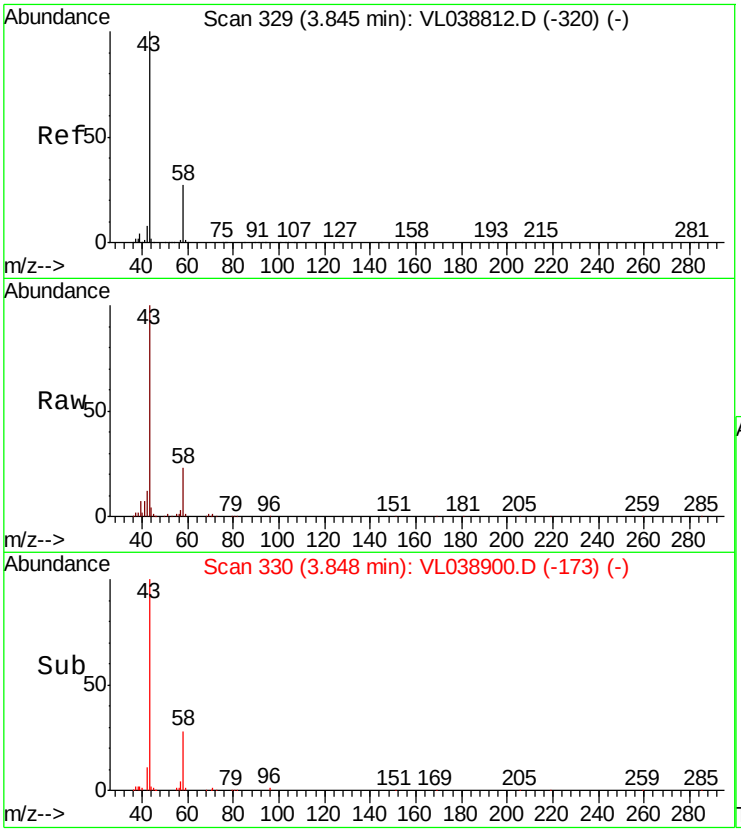


#13
Ethanol
Concen: 6.848 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 45 Resp: 27023

Ion	Ratio	Lower	Upper
45	100		
46	98.5	0.0	0.0#



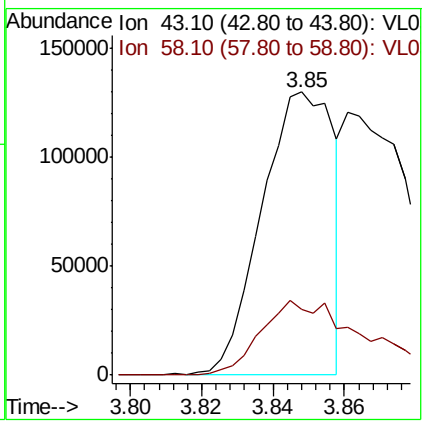


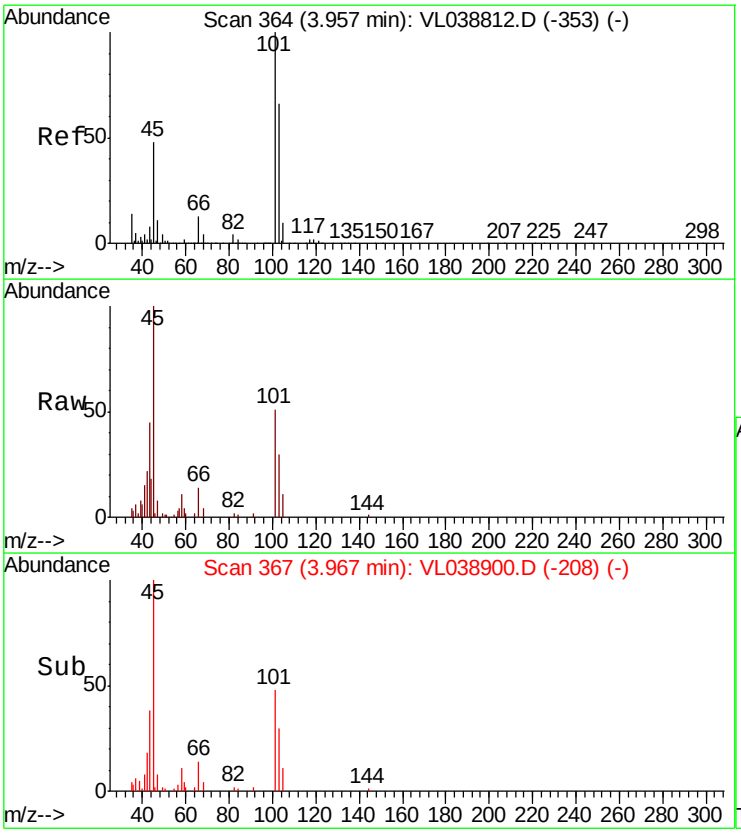
#15
Acetone
Concen: 1.801 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 43 Resp: 180363

Ion	Ratio	Lower	Upper
43	100		
58	43.9	22.5	33.7#

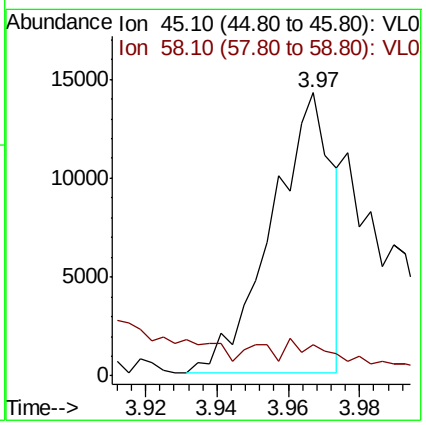


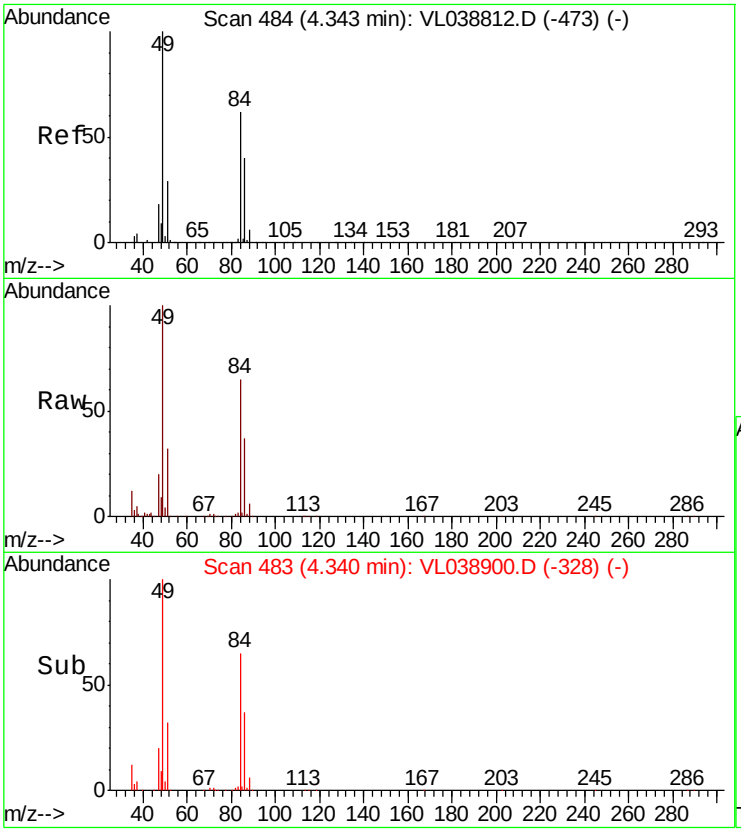


#19
Isopropyl Alcohol
Concen: 0.326 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 45 Resp: 16706

Ion	Ratio	Lower	Upper
45	100		
58	17.4	0.0	0.0#



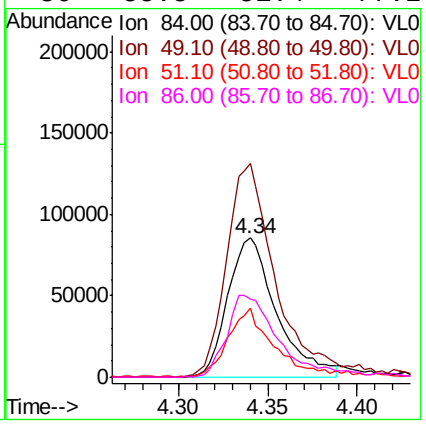


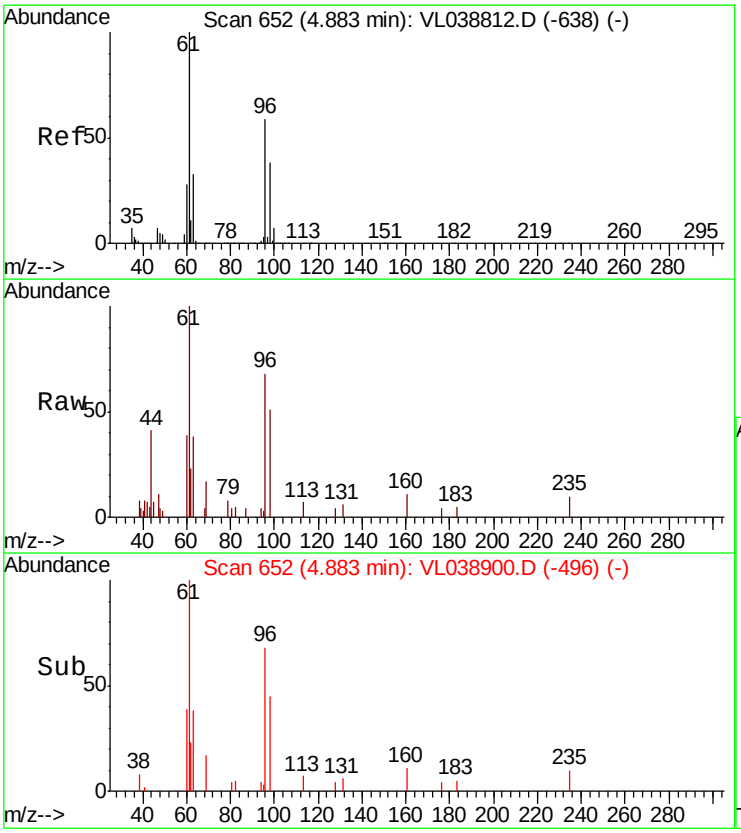
#20
Methylene Chloride
Concen: 4.469 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 84 Resp: 162277

Ion	Ratio	Lower	Upper
84	100		
49	152.9	129.4	194.0
51	48.8	37.4	56.2
86	55.5	51.4	77.2

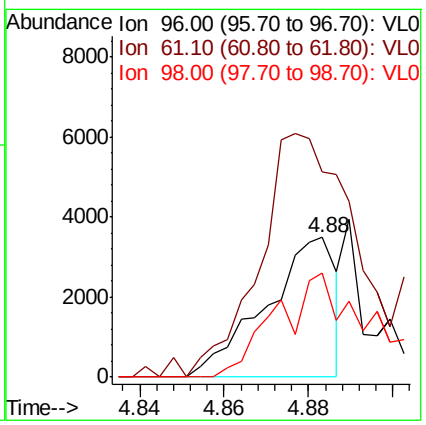


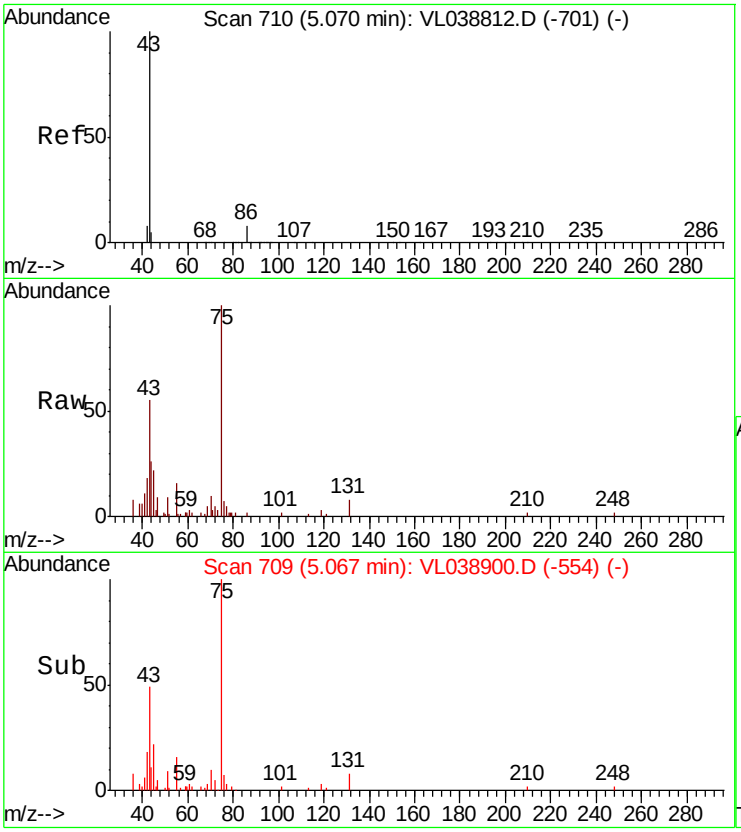


#22
trans-1,2-Dichloroethene
Concen: 0.099 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.00 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 96 Resp: 4018

Ion	Ratio	Lower	Upper
96	100		
61	181.6	134.8	202.2
98	75.0	51.9	77.9



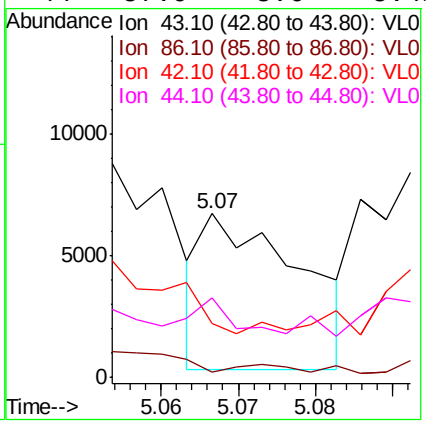


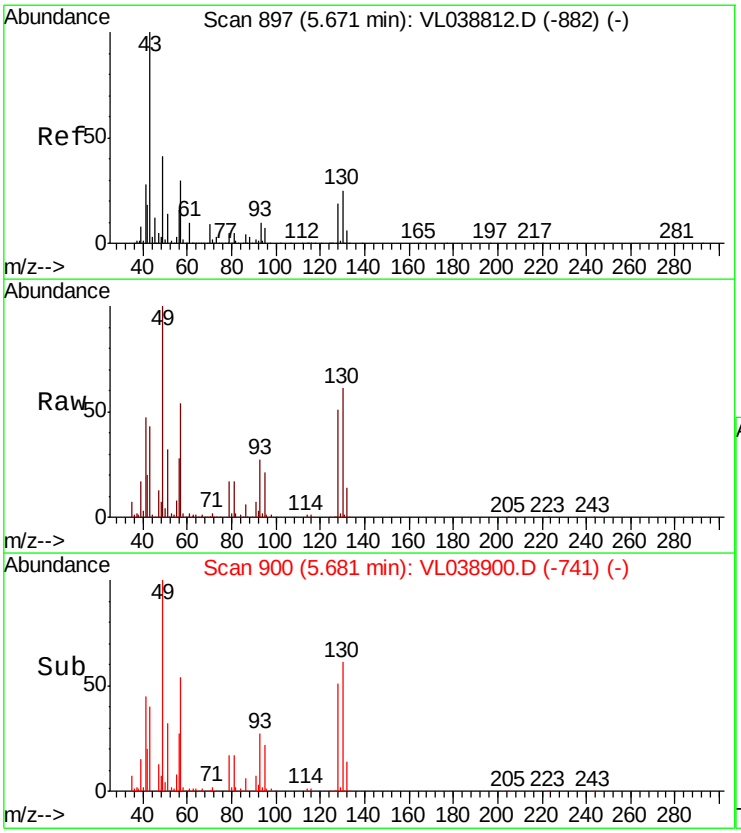
#23
Vinyl Acetate
Concen: 0.058 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:13

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 43 Resp: 5611

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.8	8.6#
42	0.0	7.8	11.6#
44	57.9	3.6	5.4#

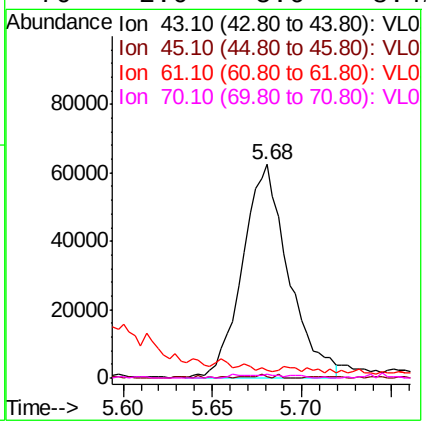


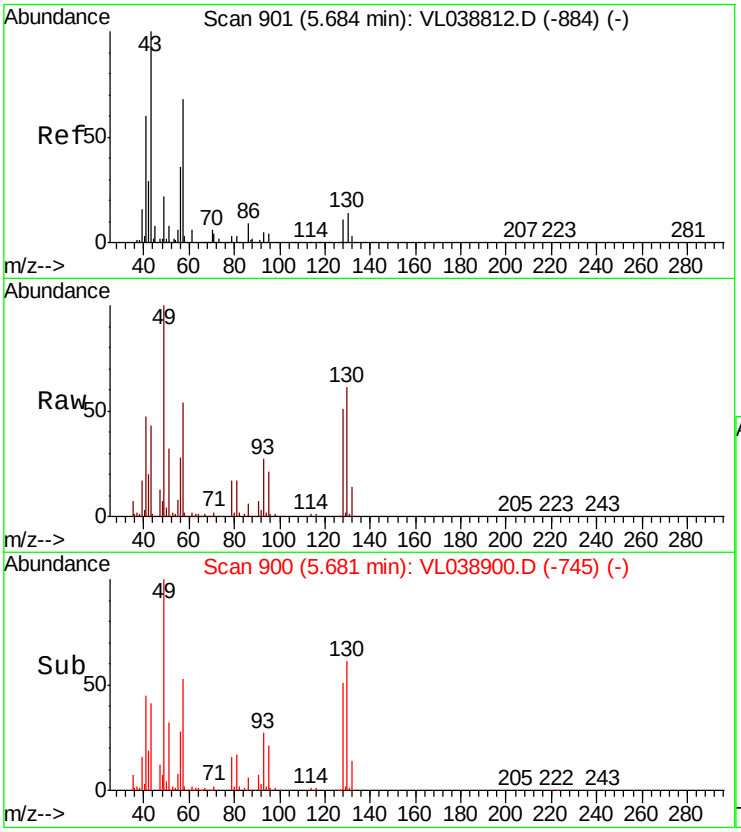


#25
Ethyl Acetate
Concen: 0.440 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 43 Resp: 111889

Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.4	12.6#
61	0.0	7.9	11.9#
70	2.0	5.6	8.4#



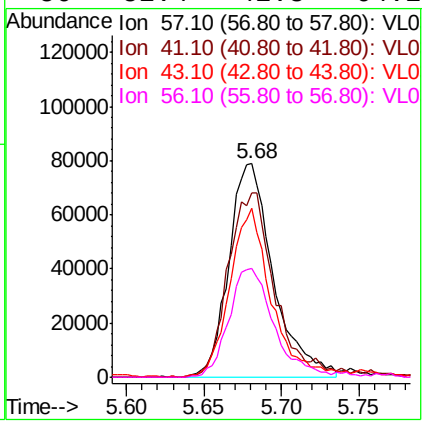


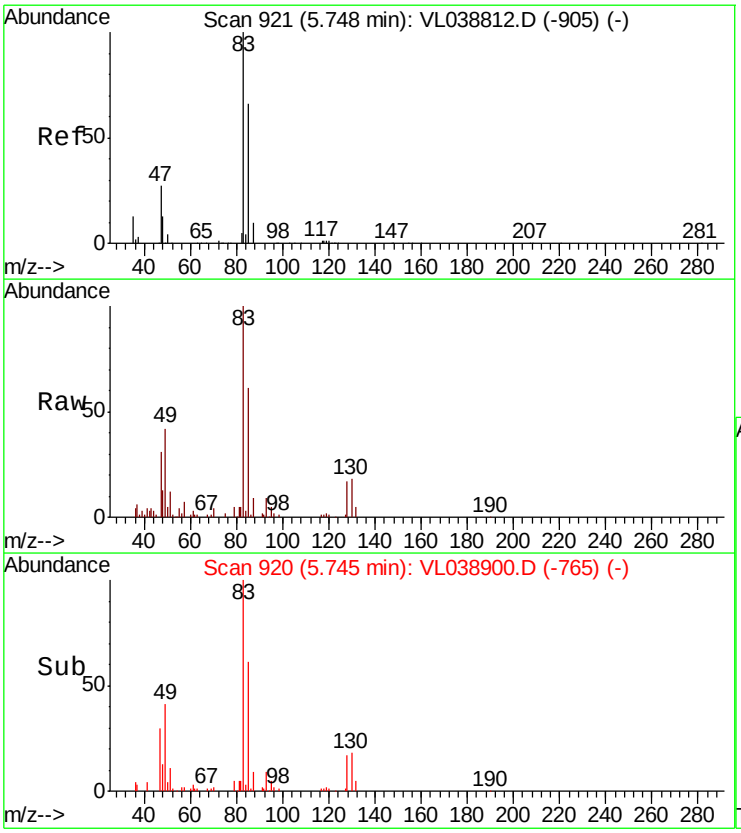
#26
Hexane
Concen: 1.363 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 57 Resp: 157625

Ion	Ratio	Lower	Upper
57	100		
41	93.3	72.0	108.0
43	74.8	186.6	280.0#
56	52.4	42.8	64.2

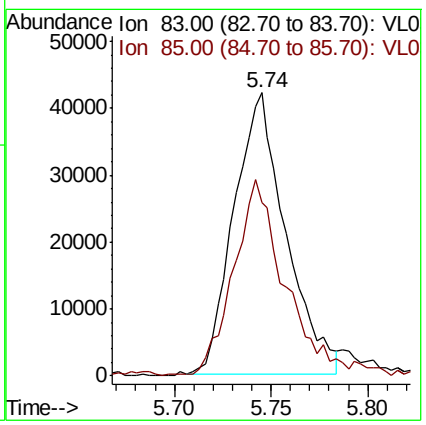


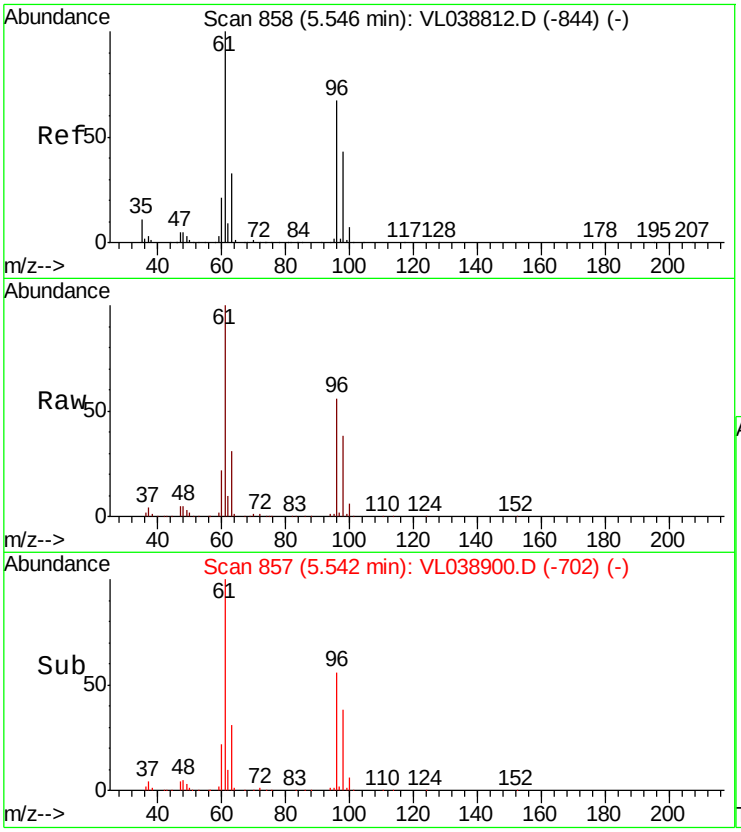


#29
Chloroform
Concen: 0.488 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 83 Resp: 78922

Ion	Ratio	Lower	Upper
83	100		
85	60.6	52.5	78.7



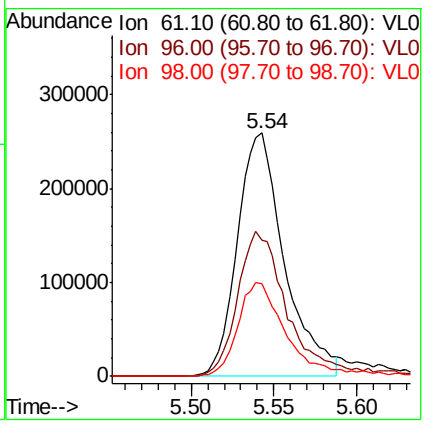


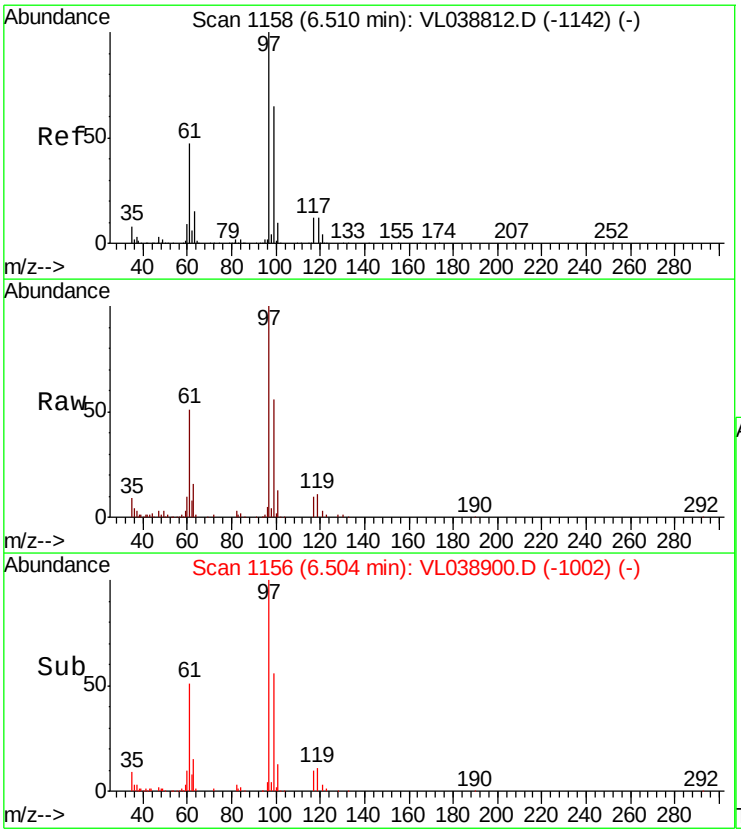
#31
cis-1,2-Dichloroethene
Concen: 4.827 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:13

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 61 Resp: 513246

Ion	Ratio	Lower	Upper
61	100		
96	55.8	53.4	80.0
98	38.2	34.2	51.4

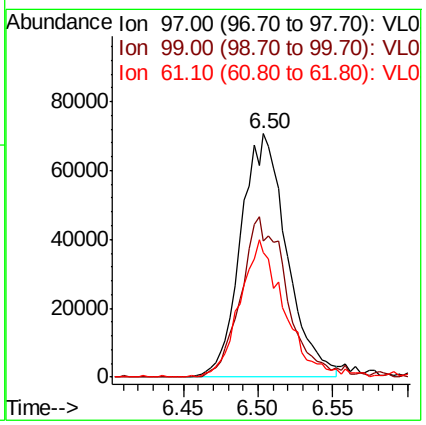


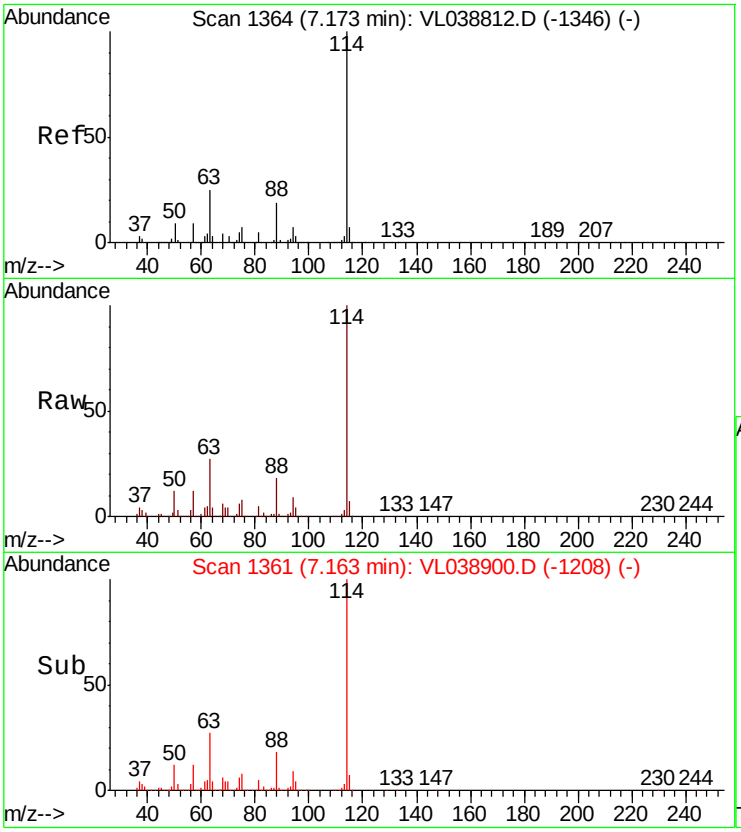


#32
1,1,1-Trichloroethane
Concen: 0.929 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 97 Resp: 151372

Ion	Ratio	Lower	Upper
97	100		
99	67.0	52.4	78.6
61	55.2	38.6	57.8



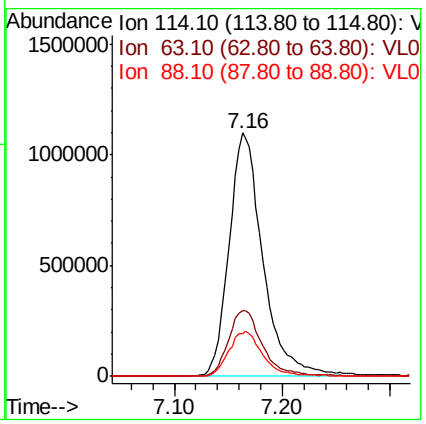


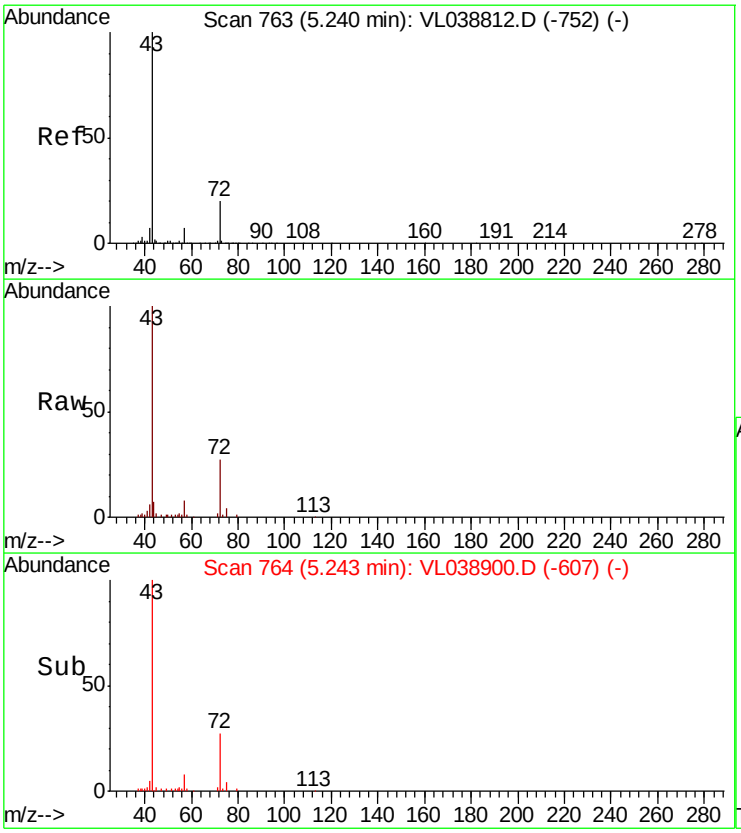
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:13

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion:114 Resp: 2389174

Ion	Ratio	Lower	Upper
114	100		
63	28.0	19.8	29.8
88	19.2	14.2	21.4

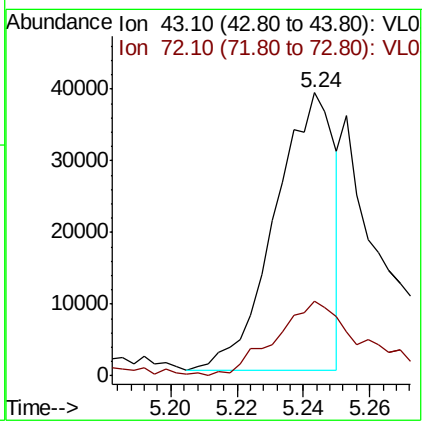


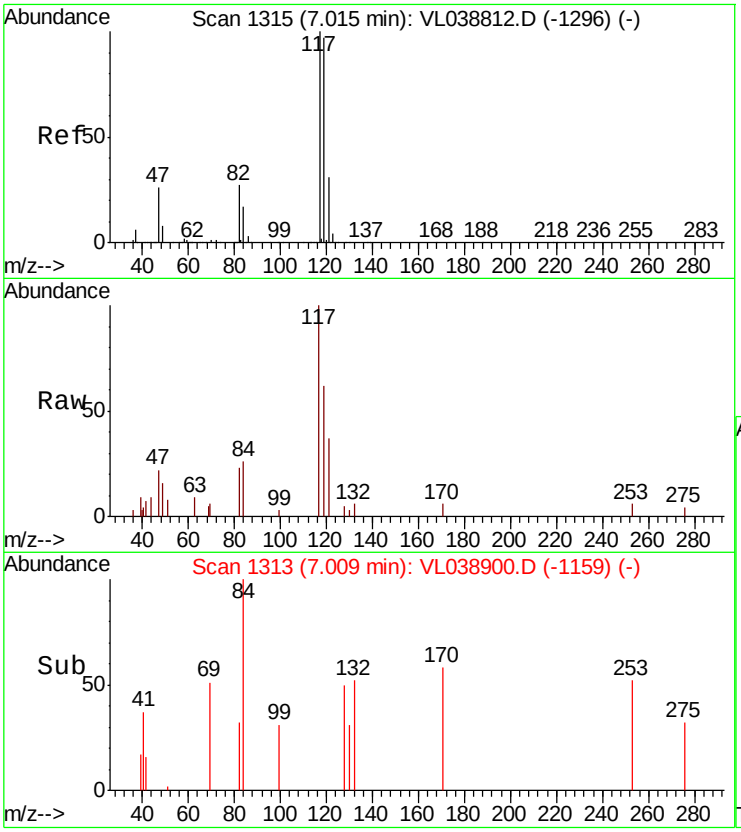


#34
2-Butanone
Concen: 0.516 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.00 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 43 Resp: 48737

Ion	Ratio	Lower	Upper
43	100		
72	44.2	16.9	25.3#



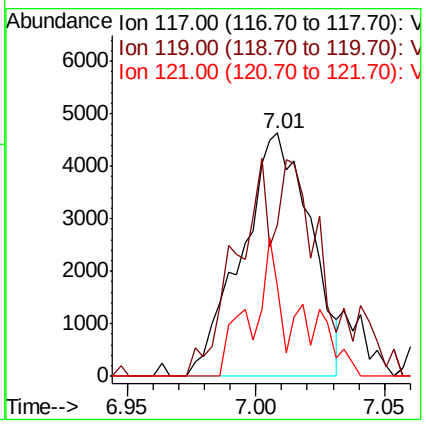


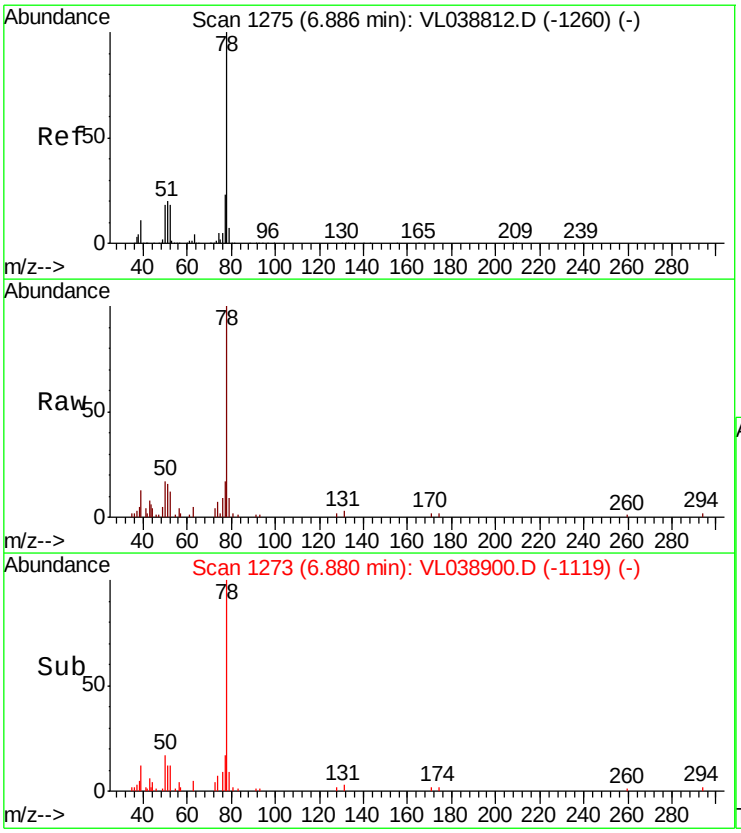
#35
Carbon Tetrachloride
Concen: 0.060 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:13

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion:117 Resp: 8560

Ion	Ratio	Lower	Upper
117	100		
119	62.4	77.7	116.5#
121	37.0	24.5	36.7#

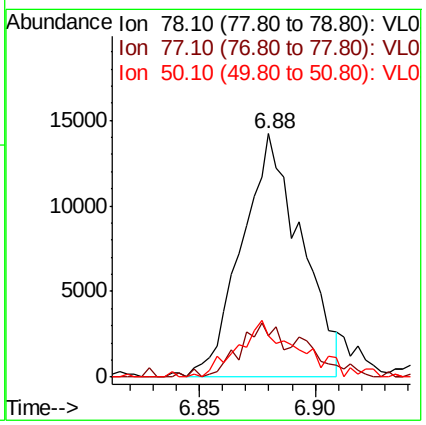


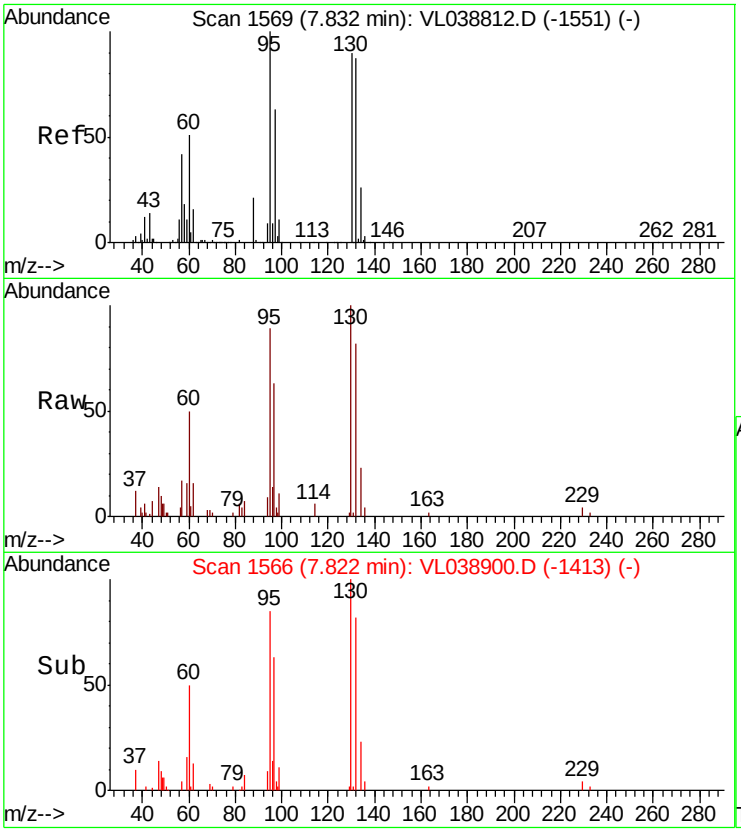


#36
Benzene
Concen: 0.116 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 78 Resp: 25310

Ion	Ratio	Lower	Upper
78	100		
77	16.8	18.2	27.2#
50	16.9	14.0	21.0



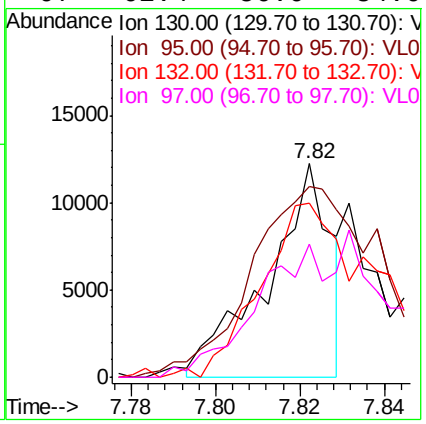


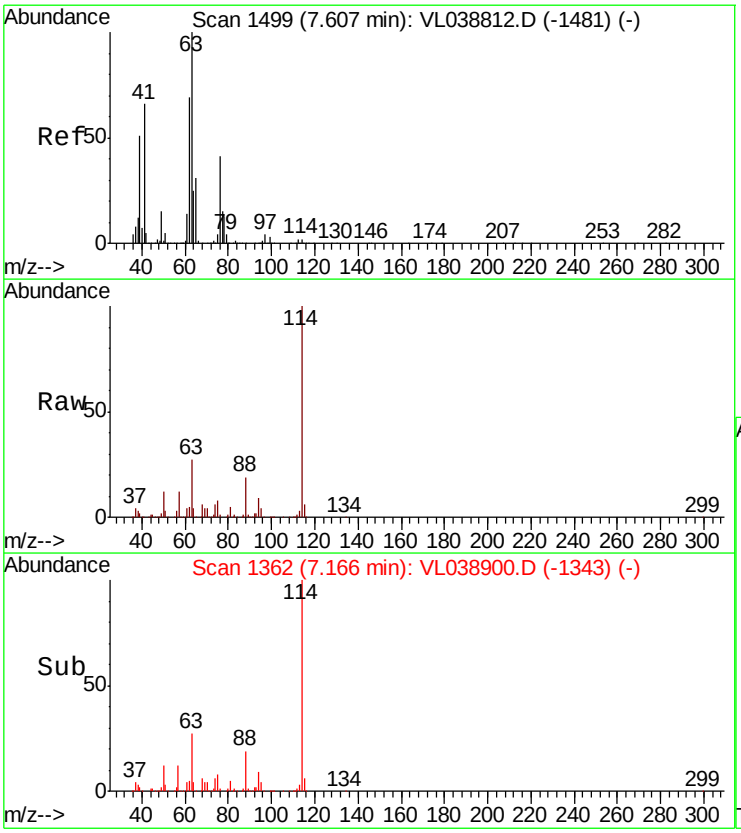
#38
Trichloroethene
Concen: 0.142 ppbv
RT: 7.82
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:13

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion:130 Resp: 12652

Ion	Ratio	Lower	Upper
130	100		
95	85.7	89.4	134.0#
132	80.9	77.7	116.5
97	62.4	56.0	84.0

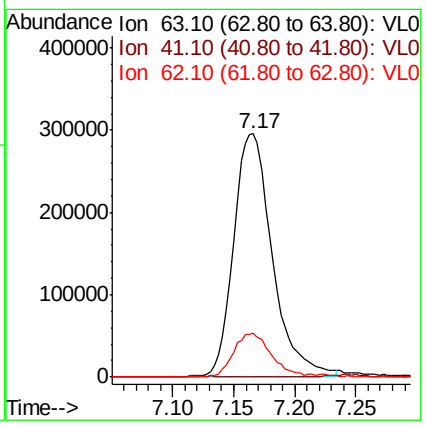


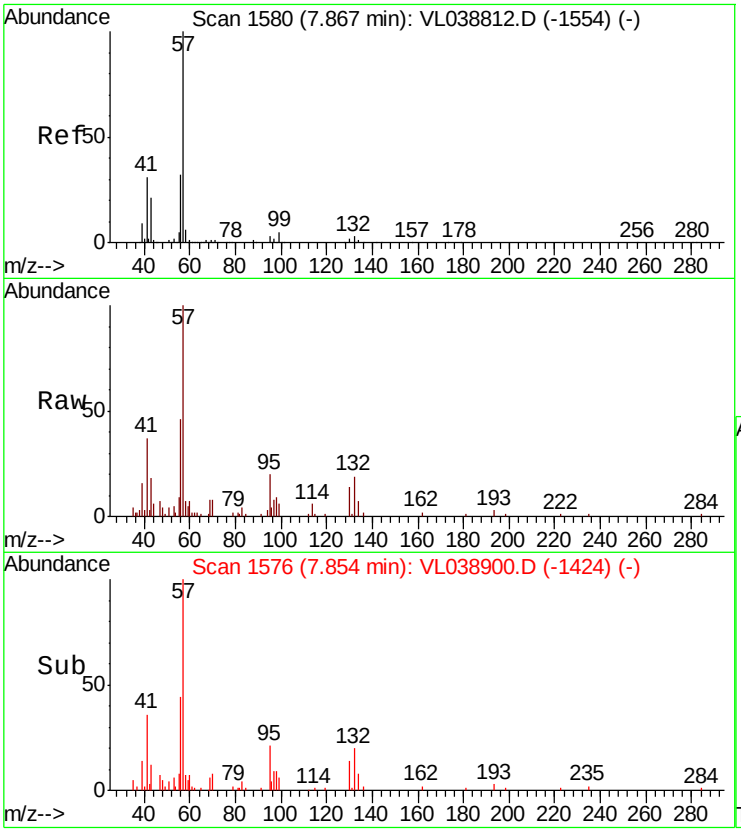


#39
1,2-Dichloropropane
Concen: 7.828 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.44 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion: 63 Resp: 650752

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	17.9	55.0	82.4#



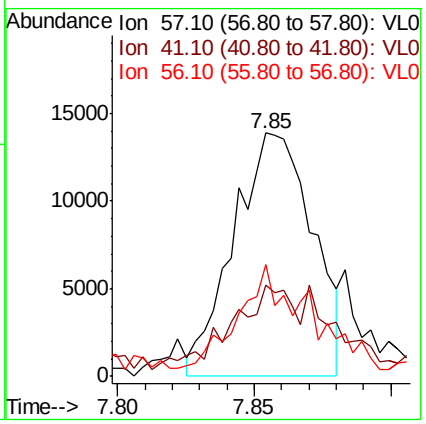


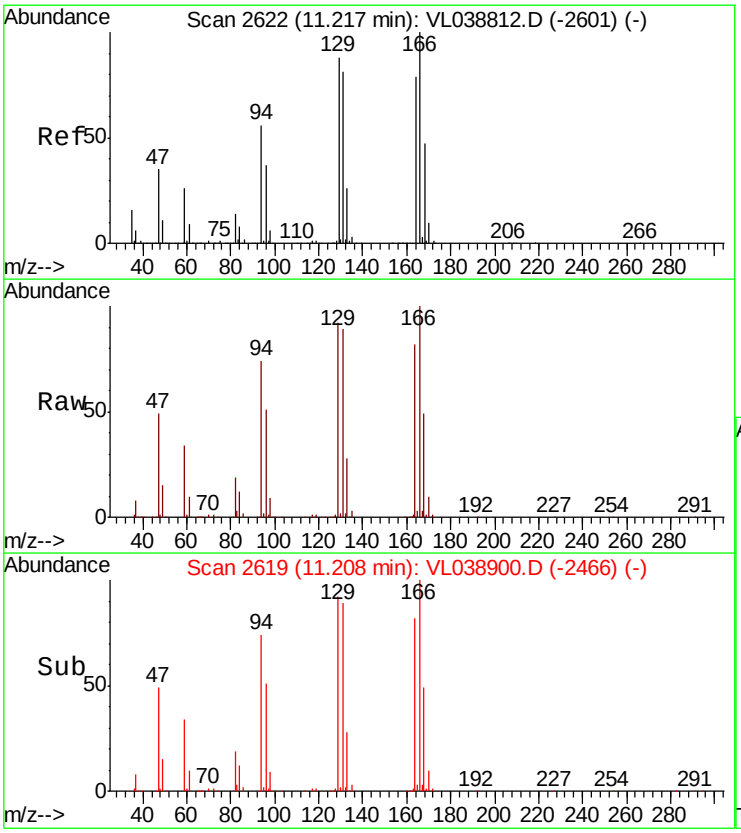
#44
2,2,4-Trimethylpentane
Concen: 0.076 ppbv
RT: 7.85
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 57 Resp: 27960

Ion	Ratio	Lower	Upper
57	100		
41	0.0	25.0	37.4#
56	49.6	25.3	37.9#

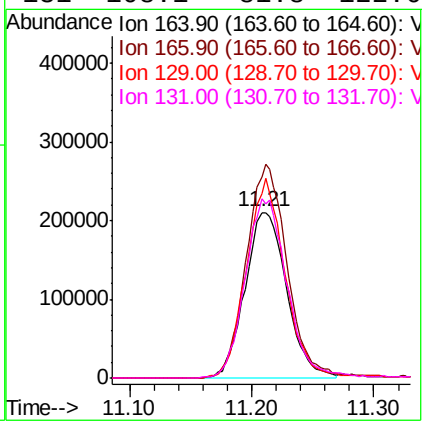


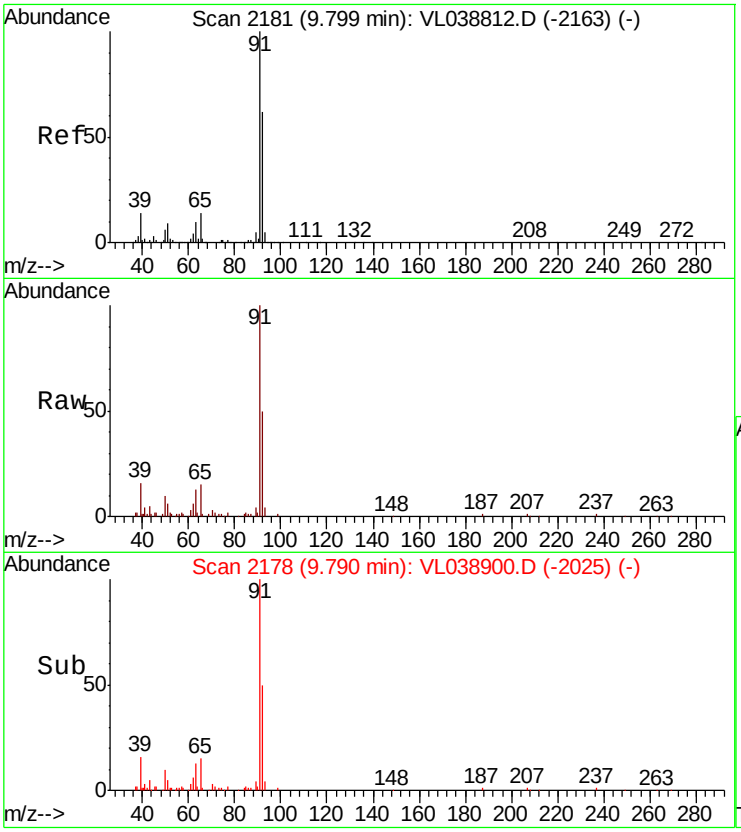


#52
Tetrachloroethene
Concen: 6.513 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion:164 Resp: 494438

Ion	Ratio	Lower	Upper
164	100		
166	121.6	101.0	151.6
129	111.7	88.7	133.1
131	108.1	81.8	122.6



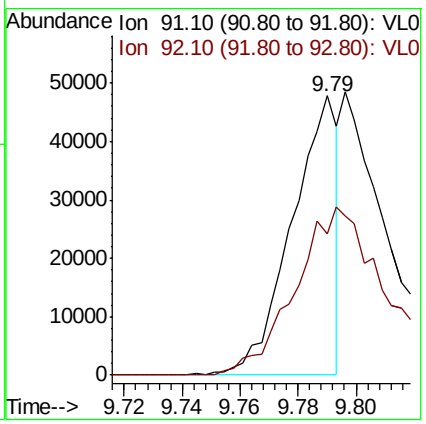


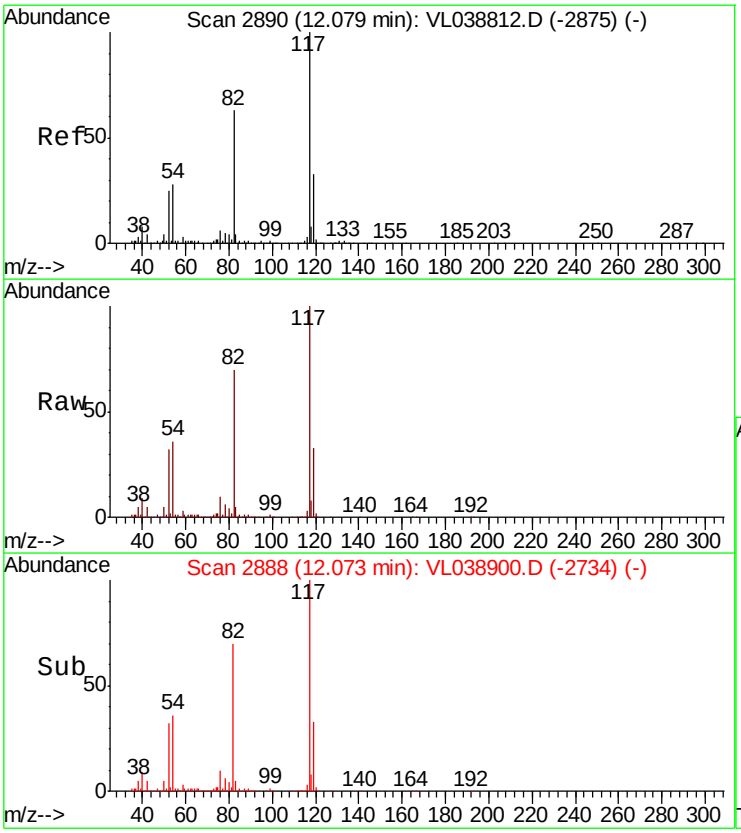
#53
Toluene
Concen: 0.208 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 91 Resp: 52210

Ion	Ratio	Lower	Upper
91	100		
92	0.0	49.2	73.8#

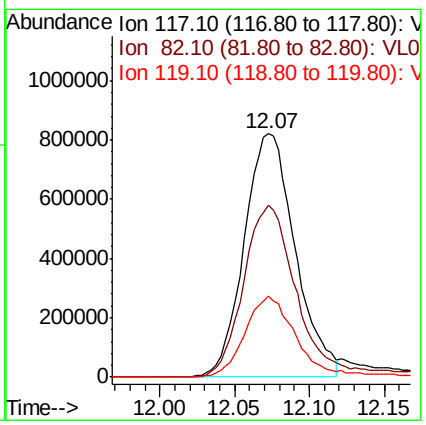


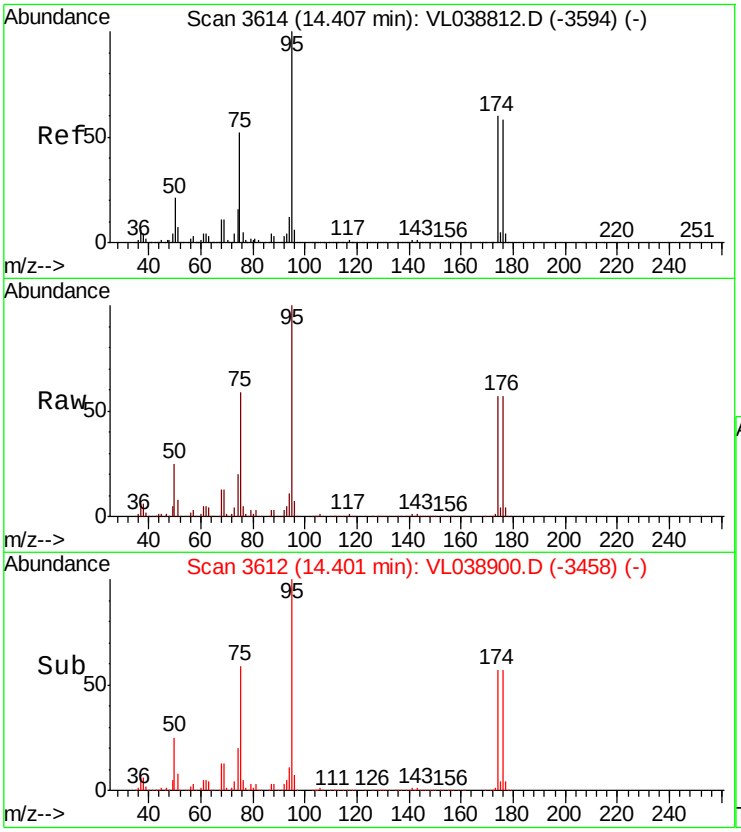


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.01 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion:117 Resp: 1943627

Ion	Ratio	Lower	Upper
117	100		
82	76.5	53.0	79.6
119	34.8	24.9	37.3



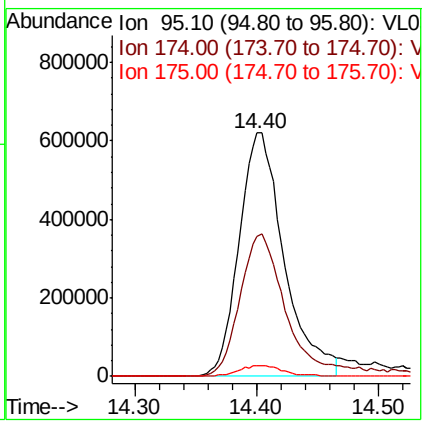


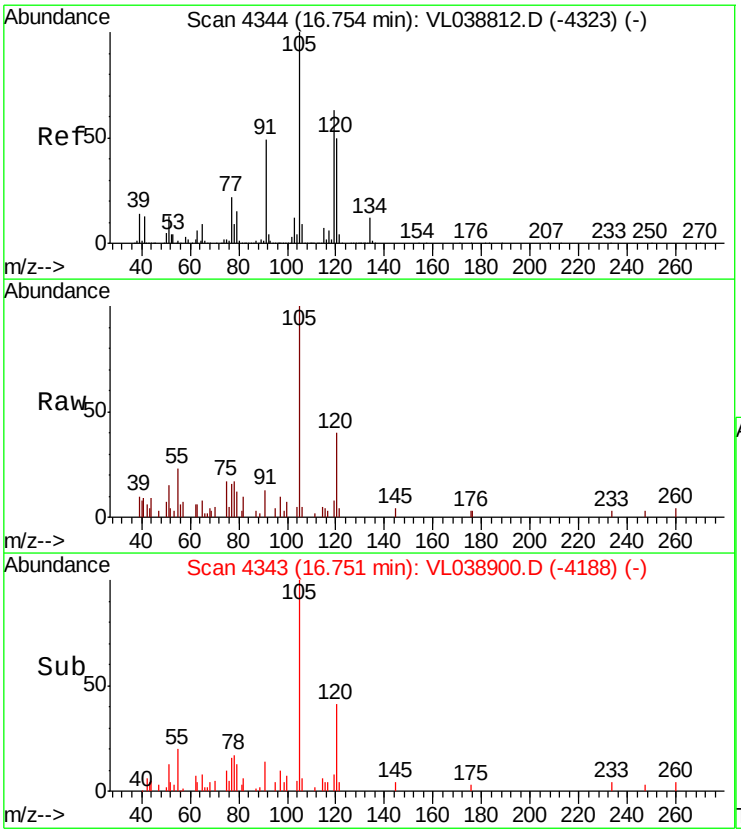
#68
1-Bromo-4-Fluorobenzene
Concen: 10.736 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 12 Apr 2022 21:15

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDUP

Tgt Ion: 95 Resp: 1582795

Ion	Ratio	Lower	Upper
95	100		
174	64.4	52.0	78.0
175	4.5	4.0	6.0





#74
1,2,4-Trimethylbenzene
Concen: 0.037 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.00 min
Lab File: VL038900.D
Acq: 12 Apr 2022 21:15

Tgt Ion:105 Resp: 9492

Ion	Ratio	Lower	Upper
105	100		
120	36.1	39.8	59.8#
91	9.2	39.4	59.0#
77	10.4	17.3	25.9#