Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041122\
Data File : VL038871.D
Acq On : 11 Apr 2022 15:07
Operator : SY/AP
Sample : VL0411ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0411ABS01

Quant Time: Apr 12 02:47:40 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	1278393	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3334140	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3877038	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2546901	8.66	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 86.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1839207	10.143	ppbv	99
3) Chlorodifluoromethane	2.99	51	1469051	9.416	ppbv	97
4) Chloromethane	3.14	50	714296	8.842	ppbv	97
5) Vinyl Chloride	3.26	62	691096	9.258	ppbv	98
6) Bromomethane	3.47	94	343911	9.522	ppbv	96
7) Chloroethane	3.56	64	235016	9.441	ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	1641108	9.688	ppbv	94
9) Propene	3.01	41	691378	8.376	ppbv	95
10) Heptane	8.11	43	1789126	8.605	ppbv	98
11) Trichlorofluoromethane	3.95	101	1481480	10.167	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1112109	9.964	ppbv	94
13) Ethanol	3.60	45	28794	5.740	ppbv #	100
14) Bromoethene	3.74	108	473497	9.646	ppbv	96
15) Acetone	3.84	43	1178687	9.261	ppbv	100
16) 1,3-Butadiene	3.33	39	648111	8.907	ppbv	98
17) tert-Butyl alcohol	4.28	59	871272	7.634	ppbv	99
18) 1,1-Dichloroethene	4.29	96	484000	9.513	ppbv	98
19) Isopropyl Alcohol	3.96	45	583042	8.963	ppbv #	100
20) Methylene Chloride	4.34	84	417864	9.053	ppbv	94
21) Allyl Chloride	4.41	41	842916	8.845	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	528383	10.257	ppbv	94
23) Vinyl Acetate	5.07	43	1183387	9.547	ppbv	98
24) 1,1-Dichloroethane	5.01	63	1065239	9.510	ppbv	98
25) Ethyl Acetate	5.67	43	2930885	9.075	ppbv	99
26) Hexane	5.68	57	1316435	8.956	ppbv	97
27) Carbon Disulfide	4.55	76	1300900	9.650	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1016290	8.952	ppbv	98
29) Chloroform	5.75	83	2043240	9.935	ppbv	97
30) Cyclohexane	7.12	84	1129657	8.719	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	1310600	9.697	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2048519	9.886	ppbv	99
34) 2-Butanone	5.24	43	1263161	9.588	ppbv	98
35) Carbon Tetrachloride	7.01	117	2043353	10.223	ppbv	98
36) Benzene	6.88	78	2777934	9.159	ppbv	97
37) 1,2-Dichloroethane	6.30	62	1568932	11.314	ppbv	96
38) Trichloroethene	7.83	130	1079298	8.672	ppbv	95
39) 1,2-Dichloropropane	7.61	63	1101703	9.496	ppbv	96
40) 1,4-Dioxane	7.82	88	359562	9.127	ppbv #	1
41) Tetrahydrofuran	6.04	42	1121543	8.963	ppbv	98
42) Bromodichloromethane	7.78	83	2303417	10.518	ppbv	99
43) Methyl Methacrylate	8.01	69	1151861	9.915	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041122\
Data File : VL038871.D
Acq On : 11 Apr 2022 15:07
Operator : SY/AP
Sample : VL0411ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0411ABS01

Quant Time: Apr 12 02:47:40 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)
44) 2,2,4-Trimethylpentane	7.86	57	4652309	9.060	ppbv		100
45) t-1,3-Dichloropropene	9.27	75	1221225	10.054	ppbv		100
46) cis-1,3-Dichloropropene	8.69	75	1537396	9.600	ppbv		98
47) 1,1,2-Trichloroethane	9.47	97	1119340	9.416	ppbv		98
48) Dibromochloromethane	10.29	129	1840721	9.880	ppbv		98
49) Bromoform	13.03	173	1470924	9.968	ppbv		99
50) 4-Methyl-2-Pentanone	8.73	43	2880127	9.719	ppbv		99
51) 2-Hexanone	10.12	43	2263444	10.137	ppbv	#	99
52) Tetrachloroethene	11.21	164	902216	8.516	ppbv		96
53) Toluene	9.80	91	3170098	9.054	ppbv		100
54) 1,2-Dibromoethane	10.60	107	1606299	9.728	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1264346	7.441	ppbv		96
57) Chlorobenzene	12.14	112	2208640	6.956	ppbv		95
58) Ethyl Benzene	12.70	91	4282150	7.391	ppbv		93
59) m/p-Xylene	12.98	91	3640552	7.480	ppbv	#	41
60) o-Xylene	13.68	91	3314938	7.278	ppbv		96
61) Styrene	13.51	104	2035077	7.334	ppbv		97
62) Isopropylbenzene	14.65	105	4836242	7.074	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.66	83	2163641	7.501	ppbv		99
64) n-propylbenzene	15.55	120	1256331	7.078	ppbv		84
65) tert-Butylbenzene	16.73	119	4157116	6.854	ppbv		94
66) Benzyl Chloride	16.97	91	645046	5.224	ppbv		95
67) sec-Butylbenzene	17.28	105	6104222	7.172	ppbv		98
69) p-Isopropyltoluene	17.64	119	4981340	7.128	ppbv		97
70) n-Butylbenzene	18.54	91	5476911	7.780	ppbv		98
71) 2-Chlorotoluene	15.44	91	3833640	7.458	ppbv		96
72) 4-Ethyltoluene	15.82	105	4066887	7.478	ppbv		97
73) 1,3,5-Trimethylbenzene	15.98	105	3630846	7.432	ppbv		96
74) 1,2,4-Trimethylbenzene	16.75	105	3820293	7.397	ppbv		96
75) 1,3-Dichlorobenzene	16.98	146	2164008	7.217	ppbv		100
76) 1,4-Dichlorobenzene	17.12	146	2095804	7.095	ppbv		100
77) 1,2-Dichlorobenzene	17.80	146	2096207	7.092	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	1472590	6.305	ppbv		99
79) Naphthalene	22.18	128	3038841	7.866	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	689301	7.241	ppbv		96
81) 1,2,4-Trichlorobenzene	21.91	180	1658971	7.337	ppbv		100

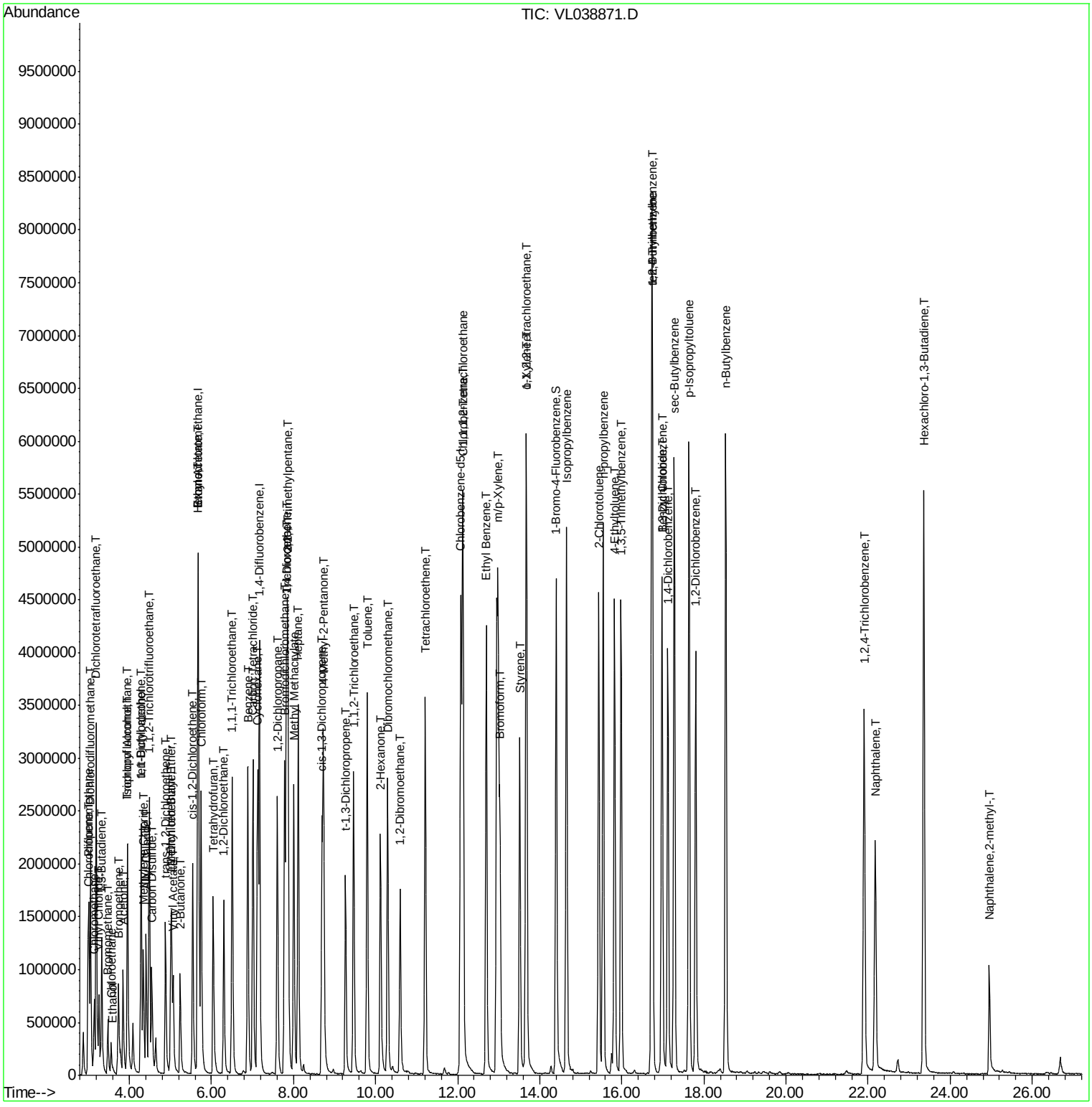
(#) = qualifier out of range (m) = manual integration (+) = signals summed

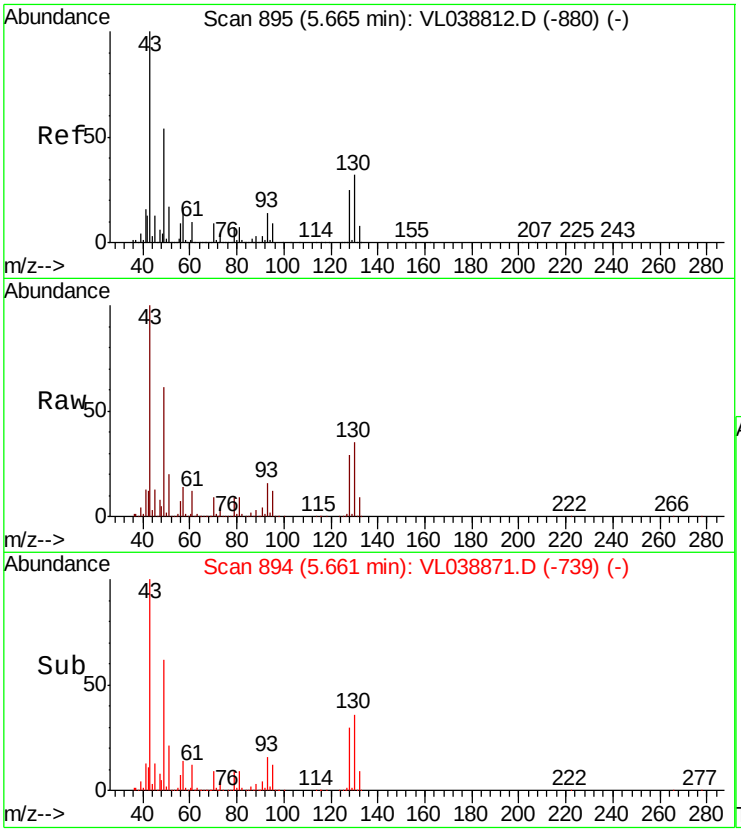
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041122\
Data File : VL038871.D
Acq On : 11 Apr 2022 15:07
Operator : SY/AP
Sample : VL0411ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Quant Time: Apr 12 02:47:40 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



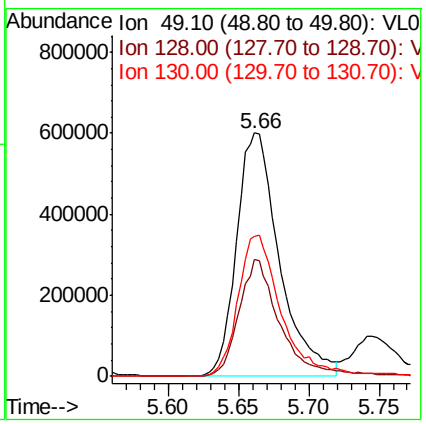


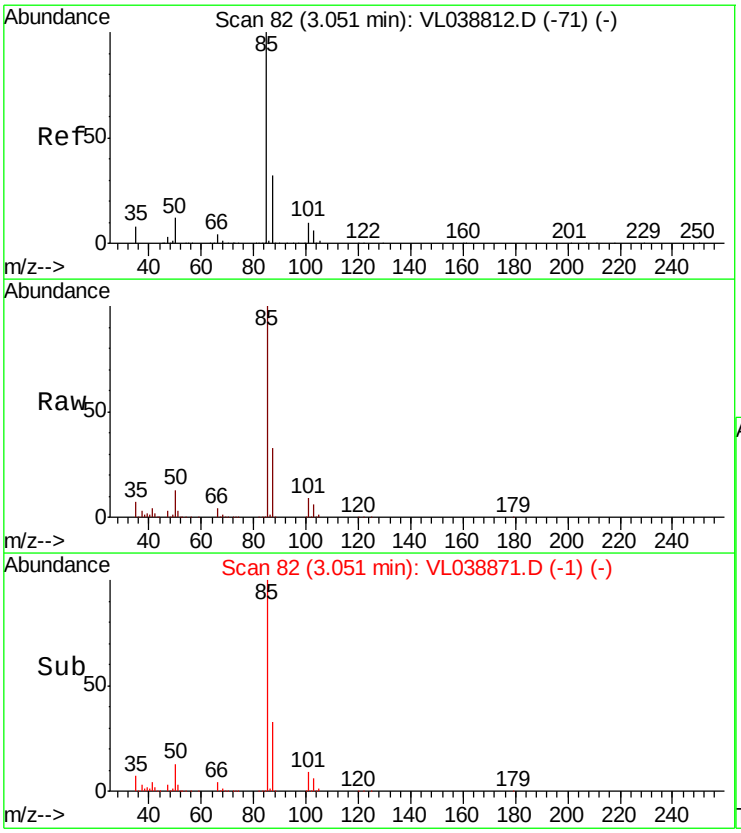
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 49 Resp: 1278393

Ion	Ratio	Lower	Upper
49	100		
128	46.8	24.1	72.3
130	59.5	30.9	92.8

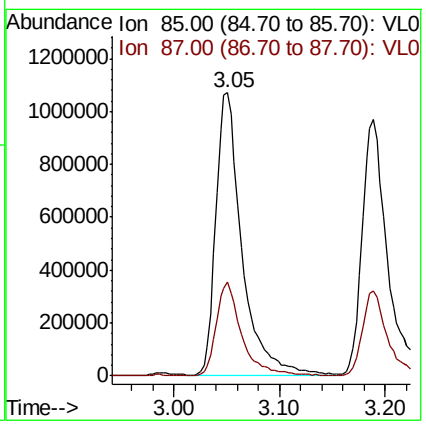


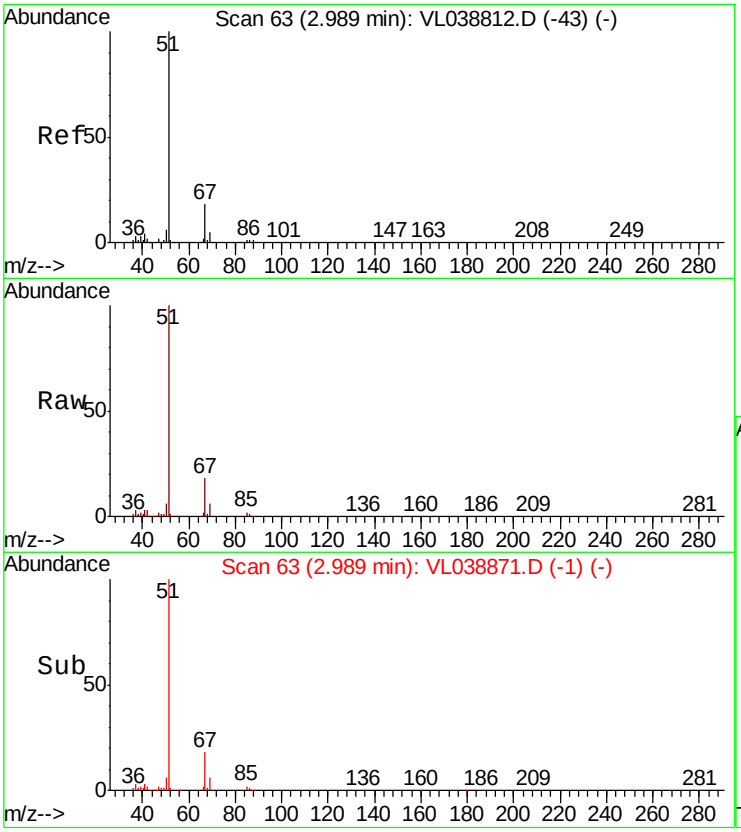


#2
Dichlorodifluoromethane
Concen: 10.143 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 85 Resp: 1839207

Ion	Ratio	Lower	Upper
85	100		
87	33.1	25.9	38.9



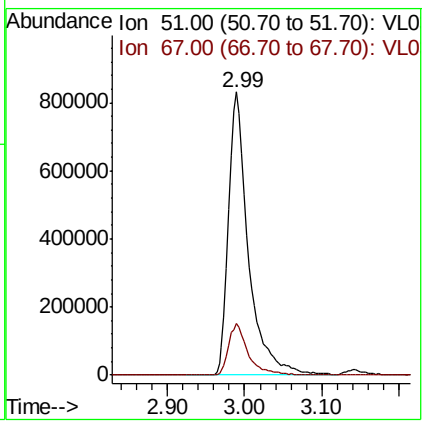


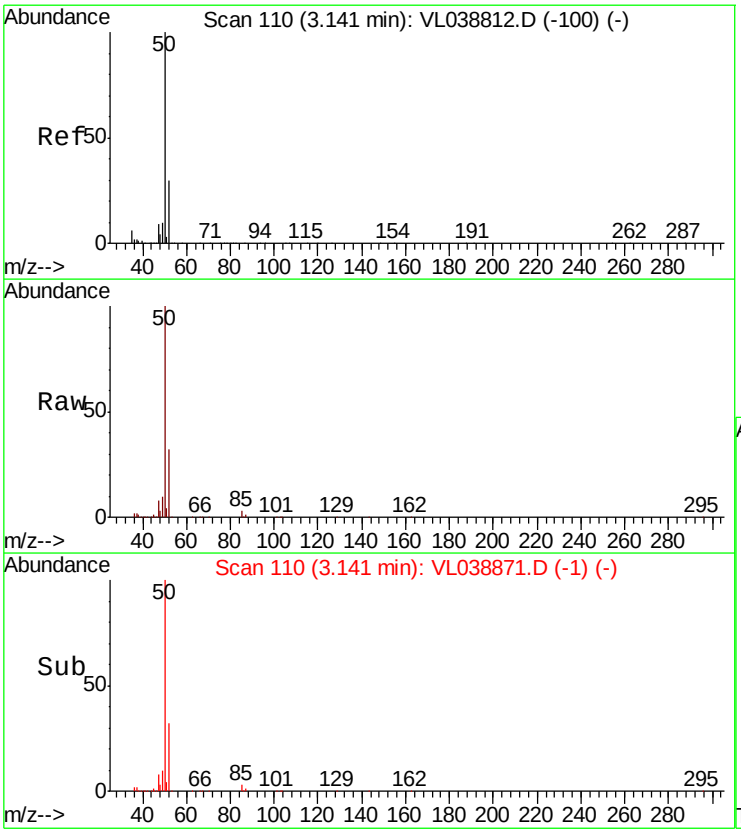
#3
Chlorodifluoromethane
Concen: 9.416 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 51 Resp: 1469051

Ion	Ratio	Lower	Upper
51	100		
67	17.9	13.4	20.0

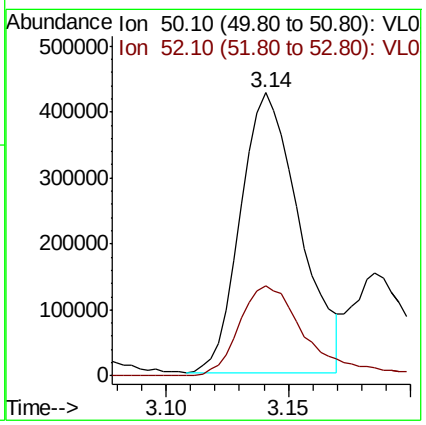


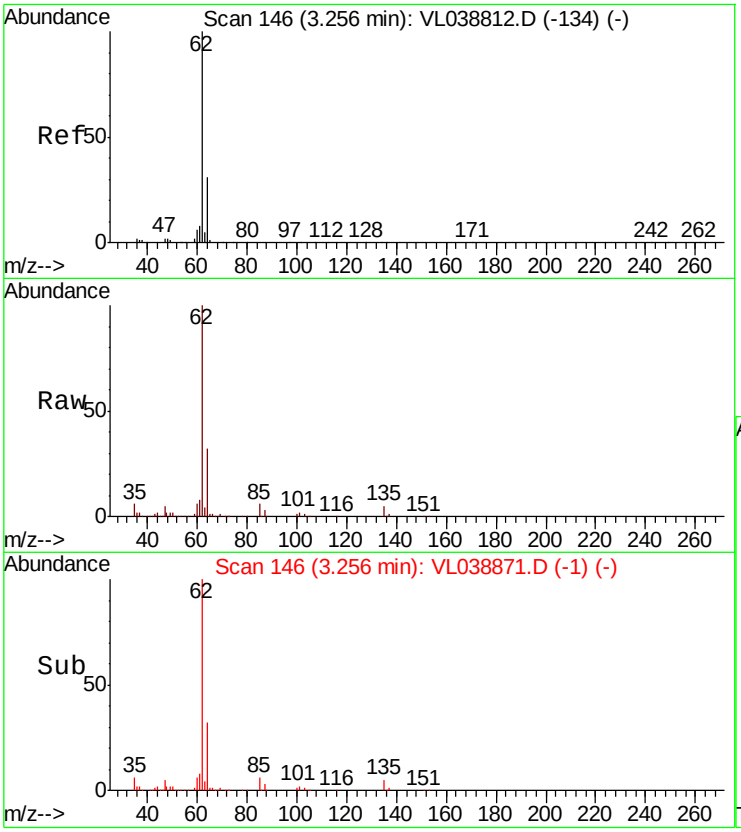


#4
Chloromethane
Concen: 8.842 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 50 Resp: 714296

Ion	Ratio	Lower	Upper
50	100		
52	31.9	24.3	36.5



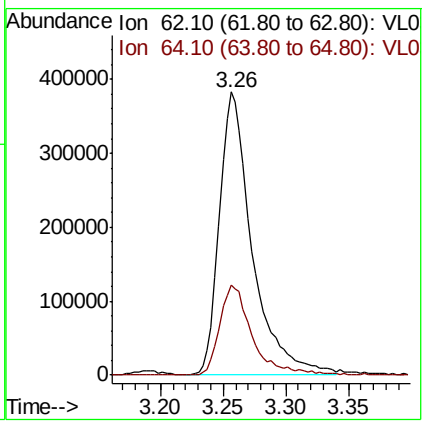


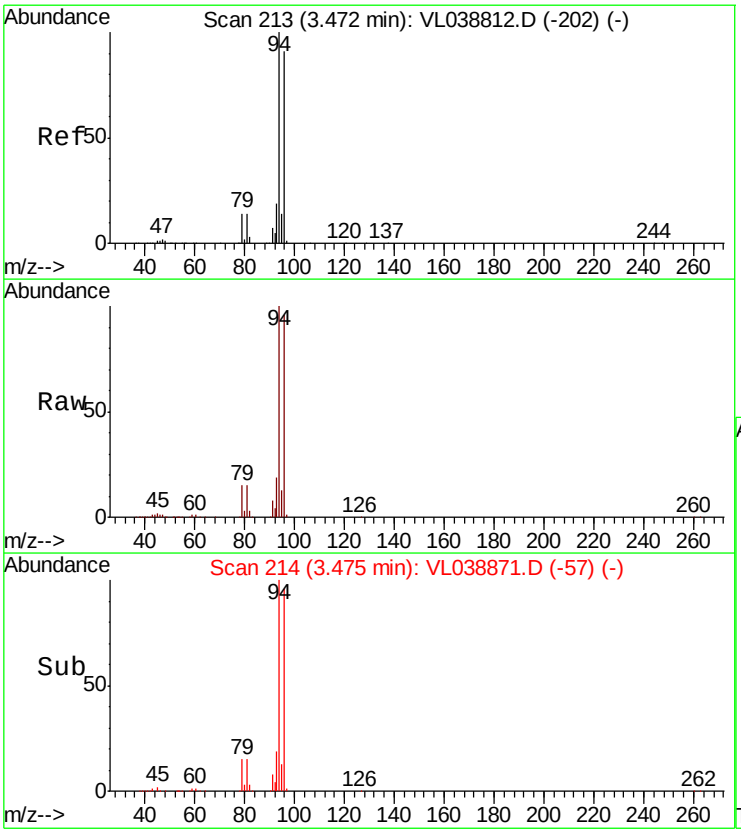
#5
Vinyl Chloride
Concen: 9.258 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 62 Resp: 691096

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.6	37.0

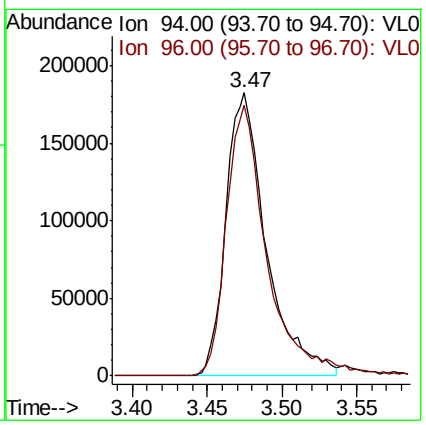


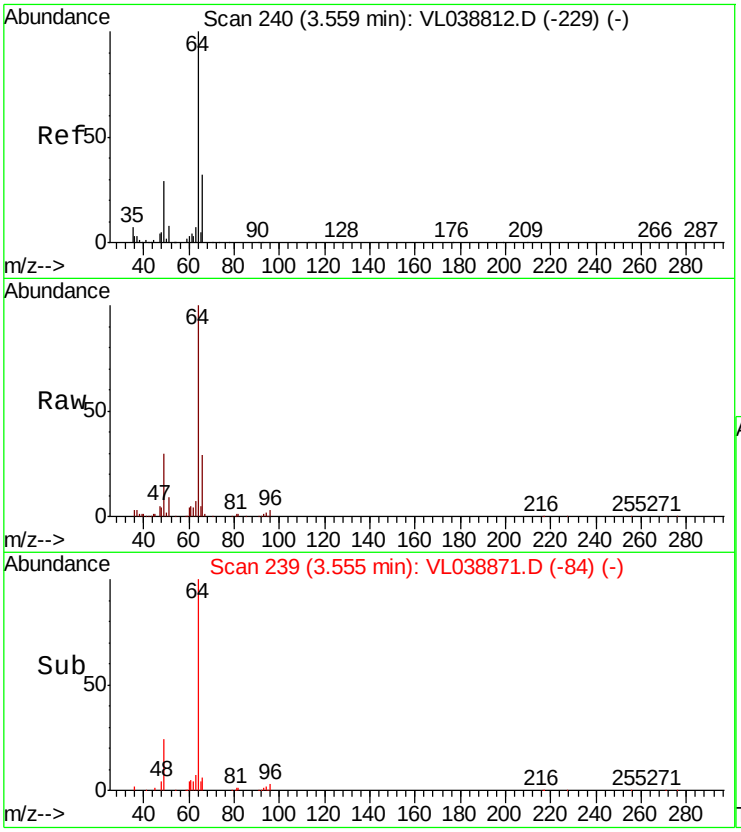


#6
Bromomethane
Concen: 9.522 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 94 Resp: 343911

Ion	Ratio	Lower	Upper
94	100		
96	95.5	73.2	109.8



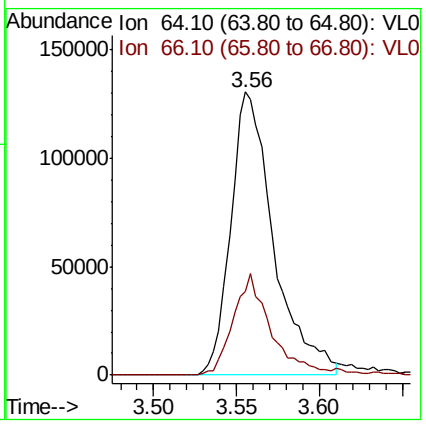


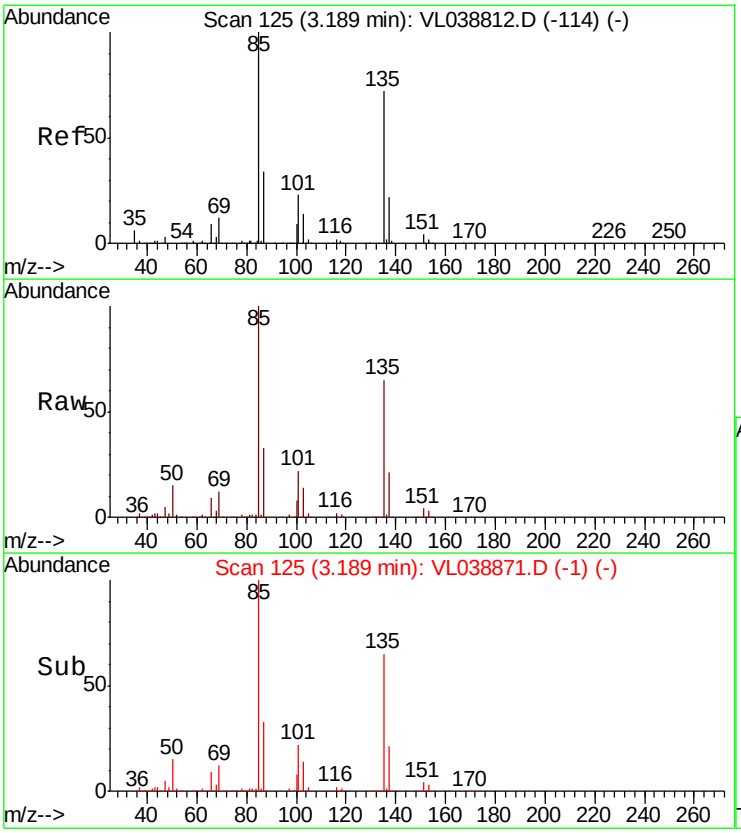
#7
Chloroethane
Concen: 9.441 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 64 Resp: 235016

Ion	Ratio	Lower	Upper
64	100		
66	29.5	25.4	38.2

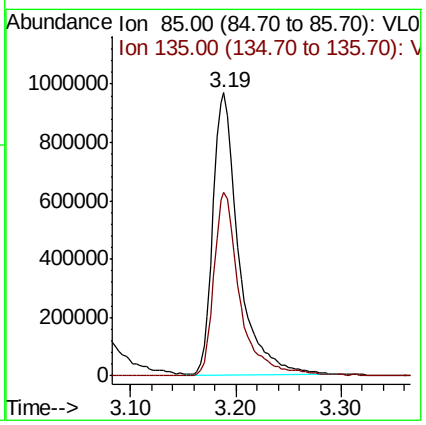


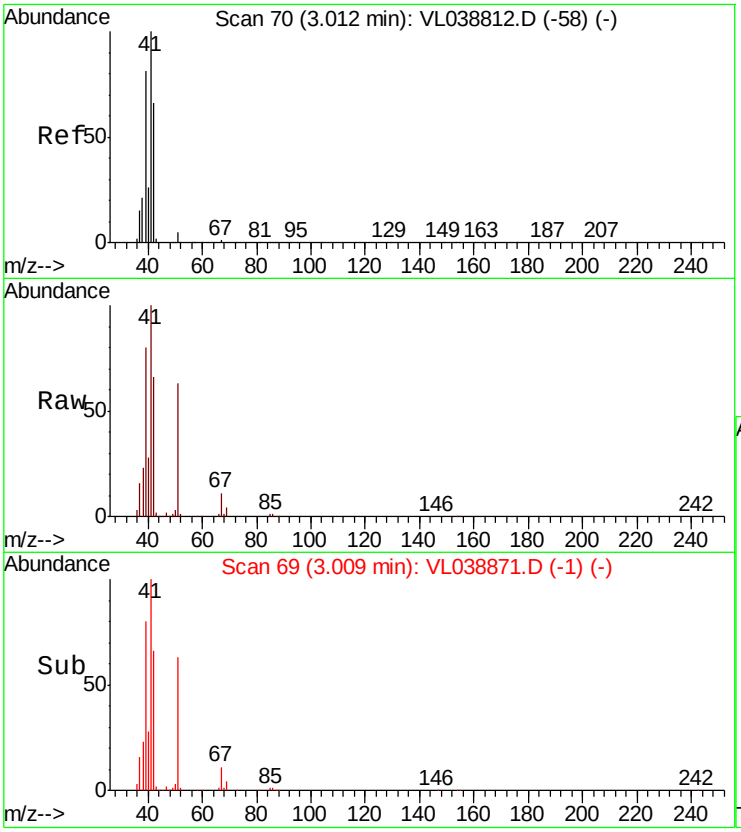


#8
Dichlorotetrafluoroethane
Concen: 9.688 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 85 Resp: 1641108

Ion	Ratio	Lower	Upper
85	100		
135	66.4	57.0	85.6



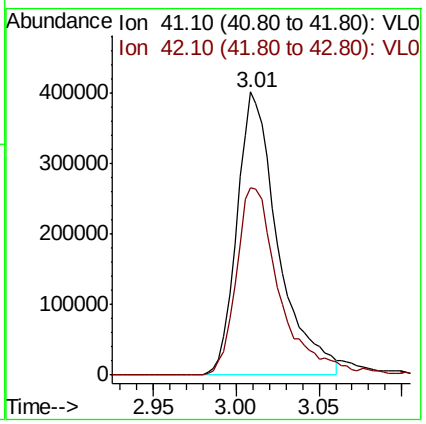


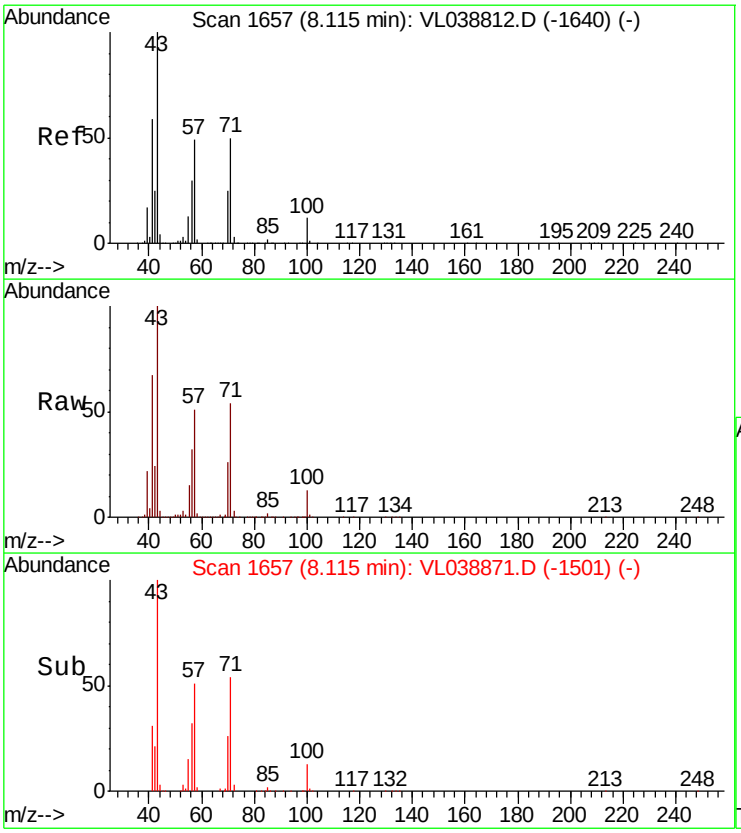
#9
Propene
Concen: 8.376 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 41 Resp: 691378

Ion	Ratio	Lower	Upper
41	100		
42	71.5	54.2	81.4

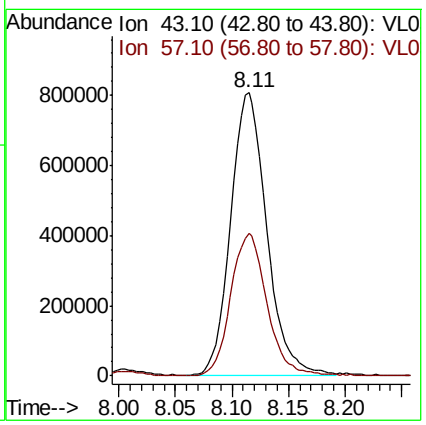


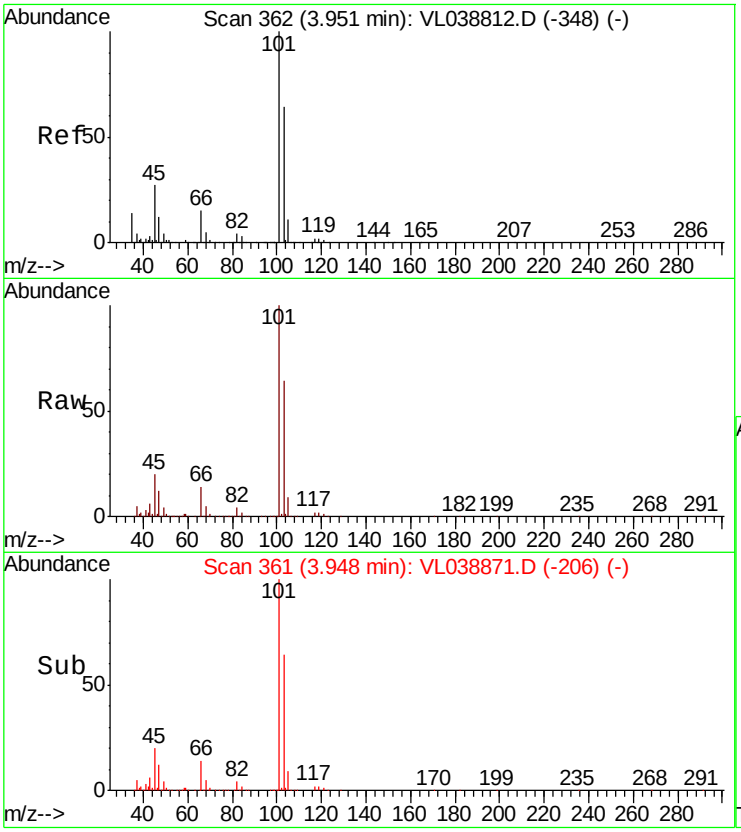


#10
Heptane
Concen: 8.605 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 43 Resp: 1789126

Ion	Ratio	Lower	Upper
43	100		
57	50.5	39.3	58.9



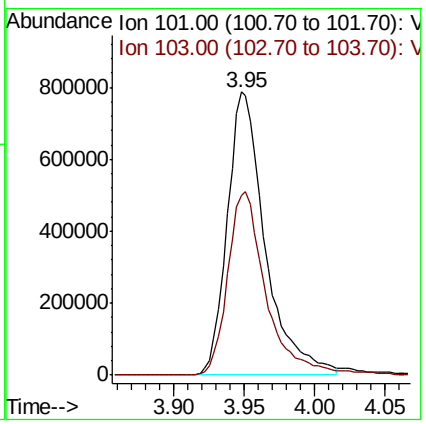


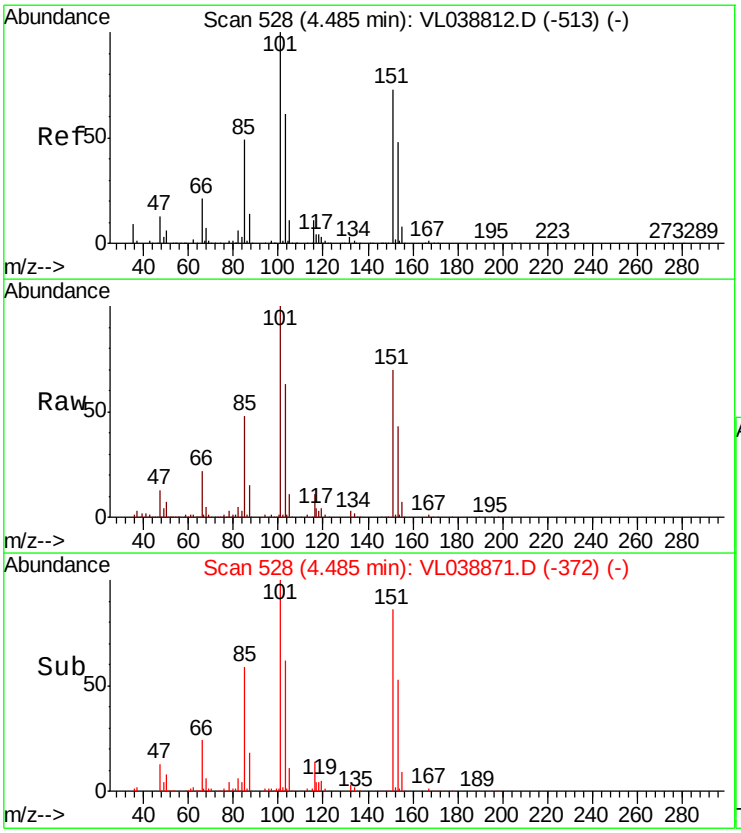
#11
Trichlorofluoromethane
Concen: 10.167 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:101 Resp: 1481480

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.4	77.0

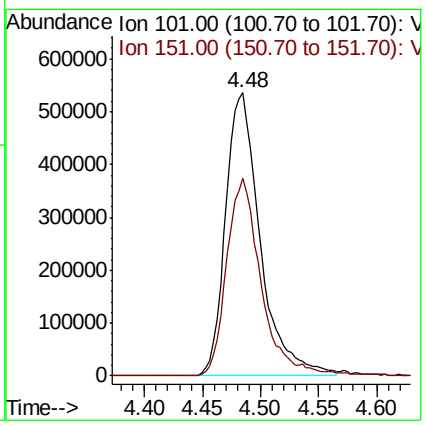


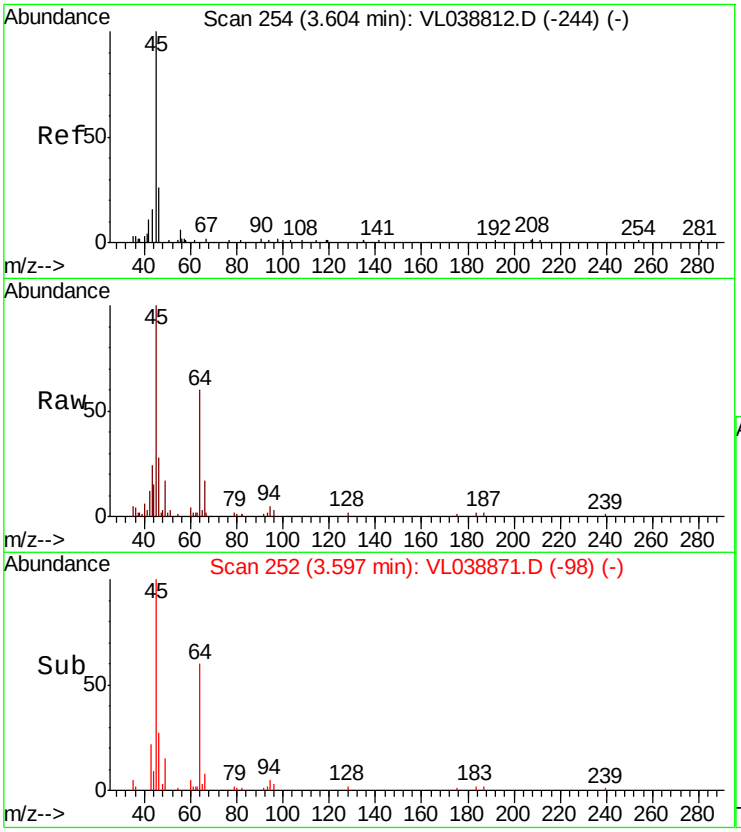


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.964 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:101 Resp: 1112109

Ion	Ratio	Lower	Upper
101	100		
151	69.7	59.9	89.9



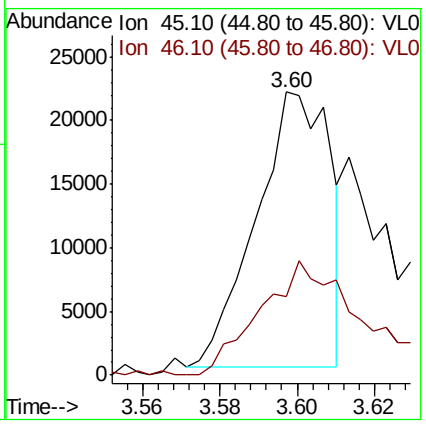


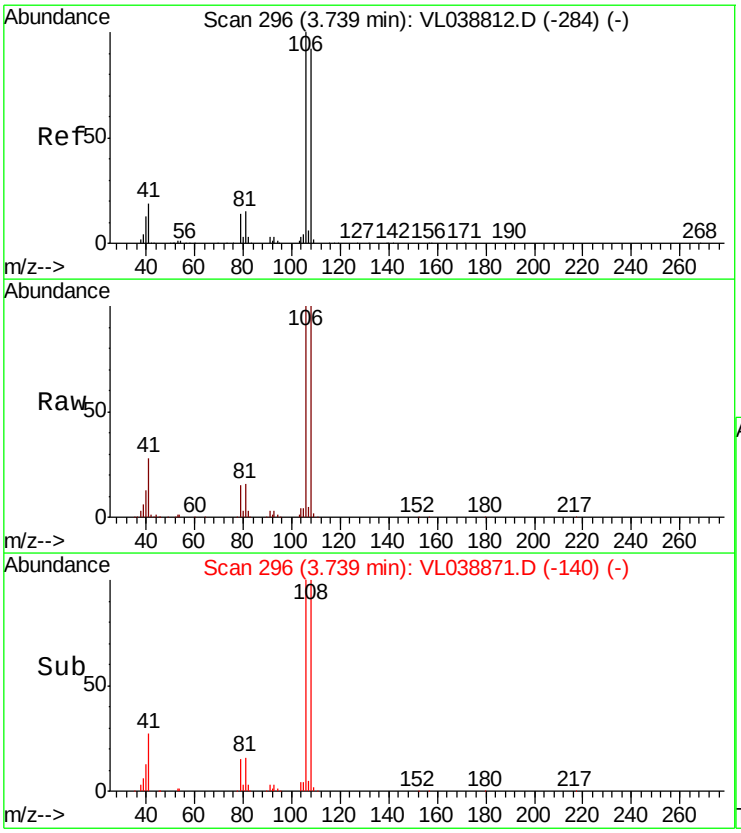
#13
Ethanol
Concen: 5.740 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 45 Resp: 28794

Ion	Ratio	Lower	Upper
45	100		
46	72.7	0.0	0.0#

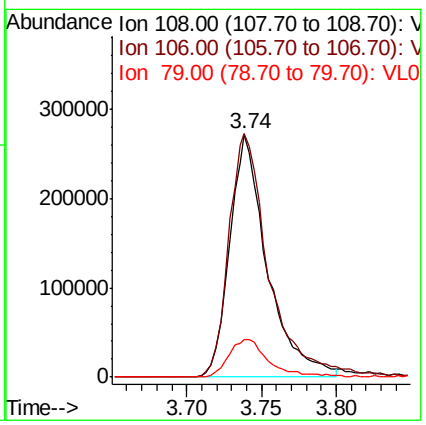


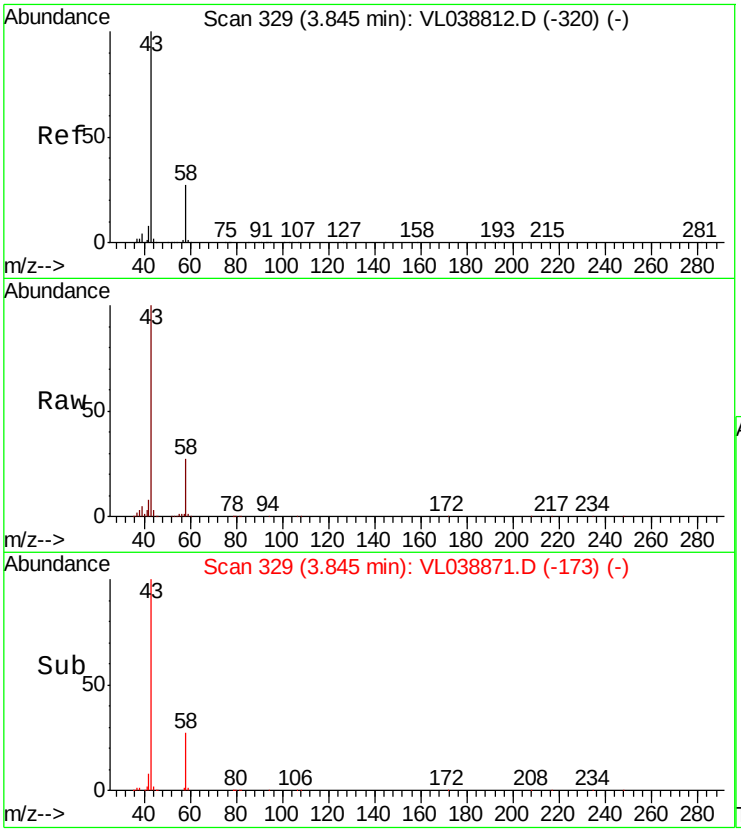


#14
Bromoethene
Concen: 9.646 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:108 Resp: 473497

Ion	Ratio	Lower	Upper
108	100		
106	109.3	91.5	137.3
79	17.1	13.7	20.5



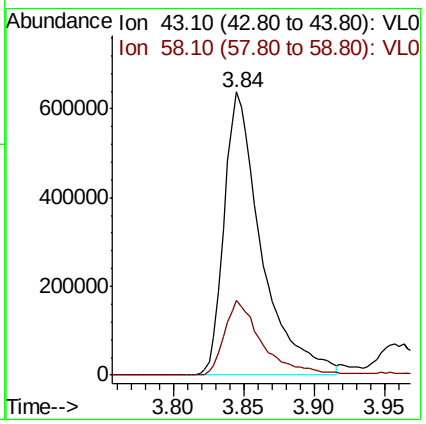


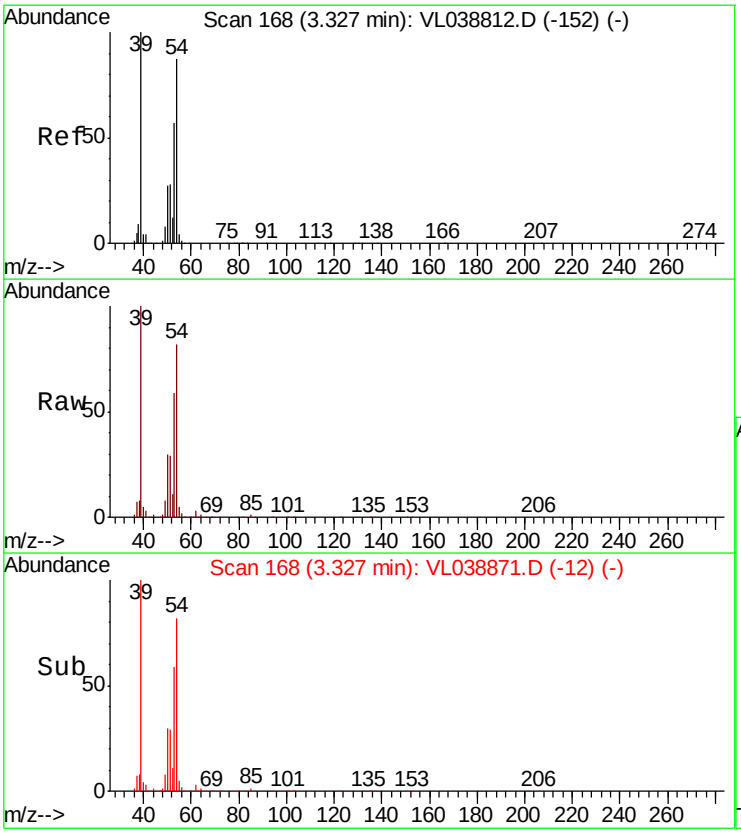
#15
Acetone
Concen: 9.261 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 43 Resp: 1178687

Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.5	33.7

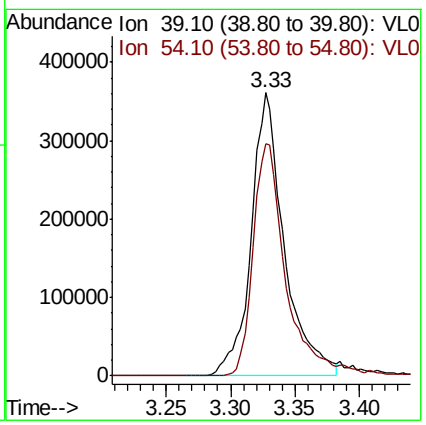


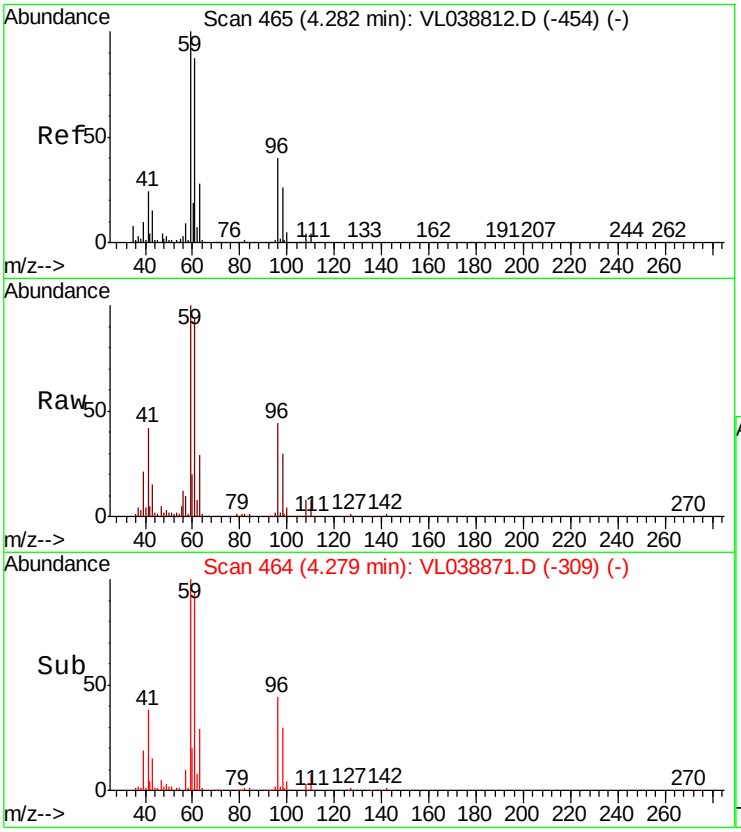


#16
1,3-Butadiene
Concen: 8.907 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 39 Resp: 648111

Ion	Ratio	Lower	Upper
39	100		
54	82.6	64.8	97.2



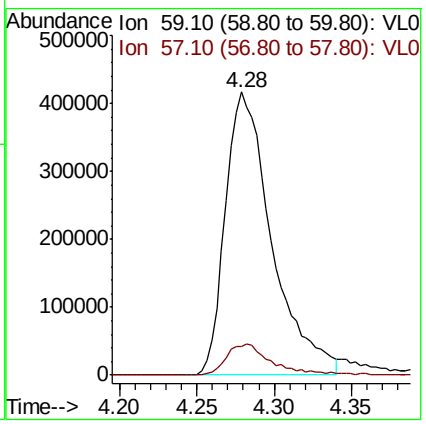


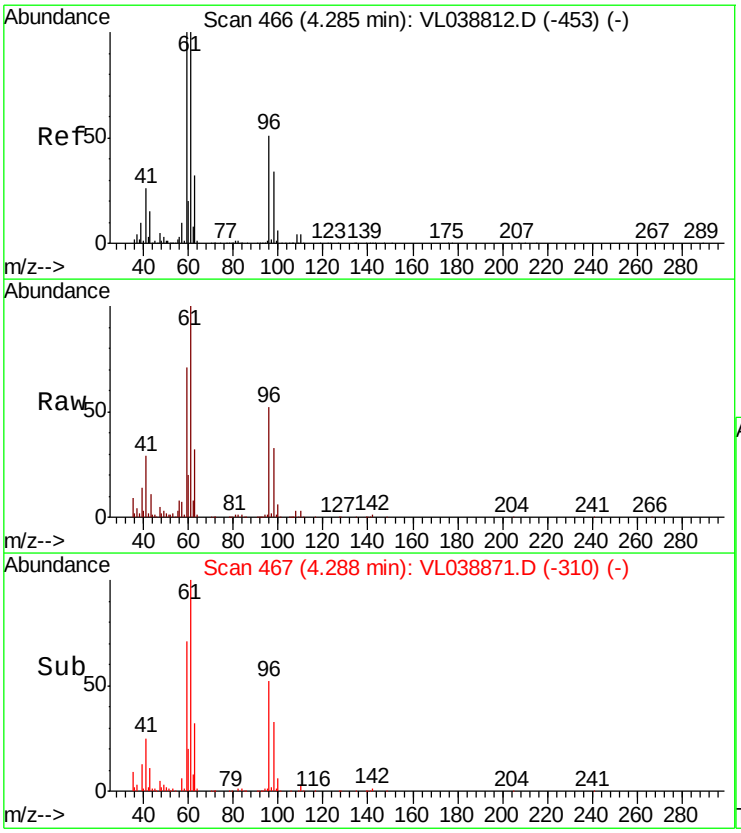
#17
tert-Butyl alcohol
Concen: 7.634 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 59 Resp: 871272

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.5	12.7

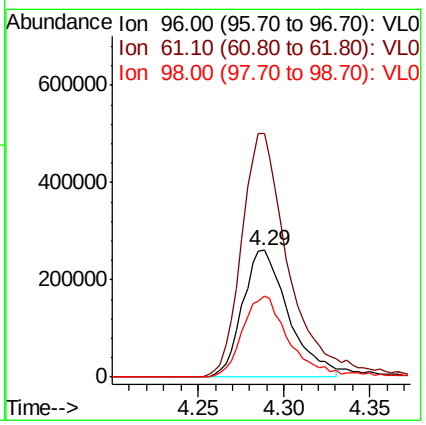


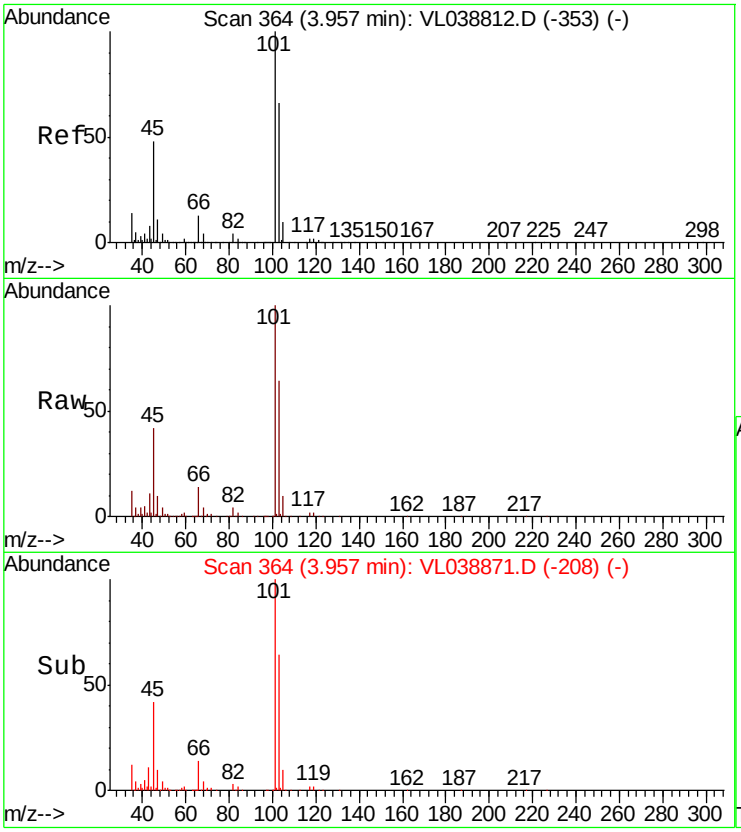


#18
1,1-Dichloroethene
Concen: 9.513 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 96 Resp: 484000

Ion	Ratio	Lower	Upper
96	100		
61	191.6	156.1	234.1
98	64.1	53.0	79.6



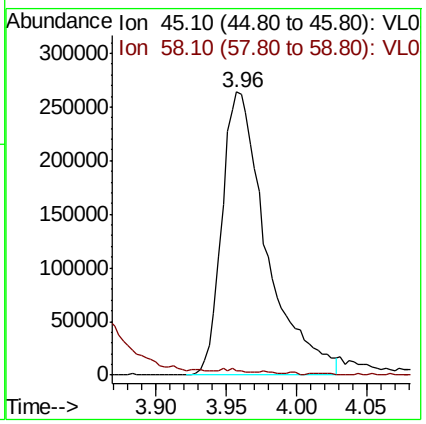


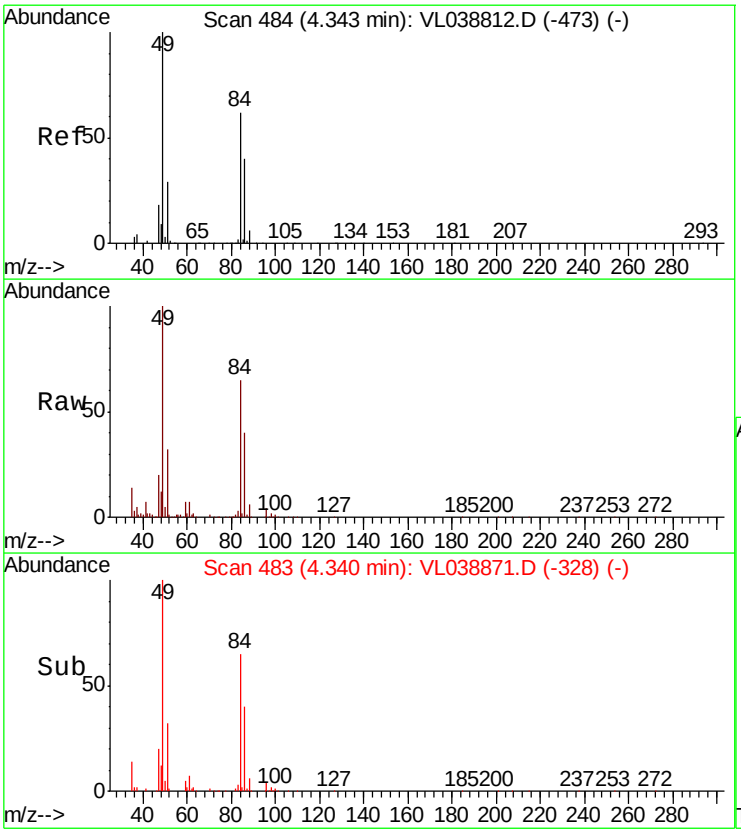
#19
Isopropyl Alcohol
Concen: 8.963 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 45 Resp: 583042

Ion	Ratio	Lower	Upper
45	100		
58	2.2	0.0	0.0#

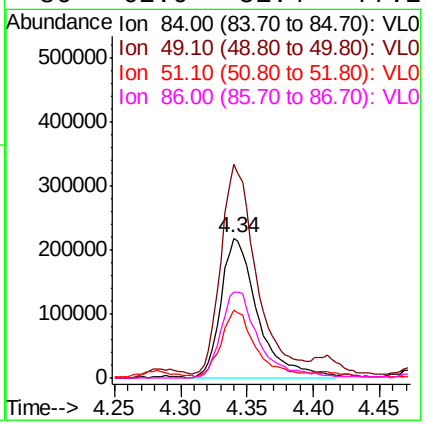


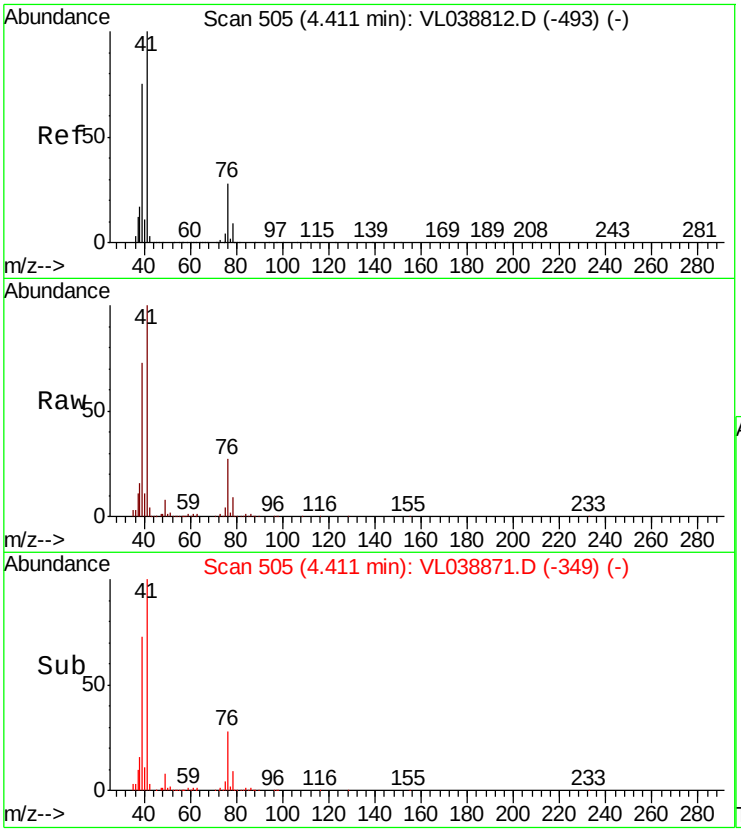


#20
Methylene Chloride
Concen: 9.053 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 84 Resp: 417864

Ion	Ratio	Lower	Upper
84	100		
49	150.3	129.4	194.0
51	47.0	37.4	56.2
86	62.0	51.4	77.2



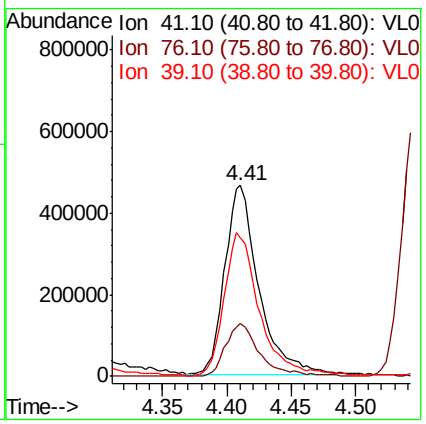


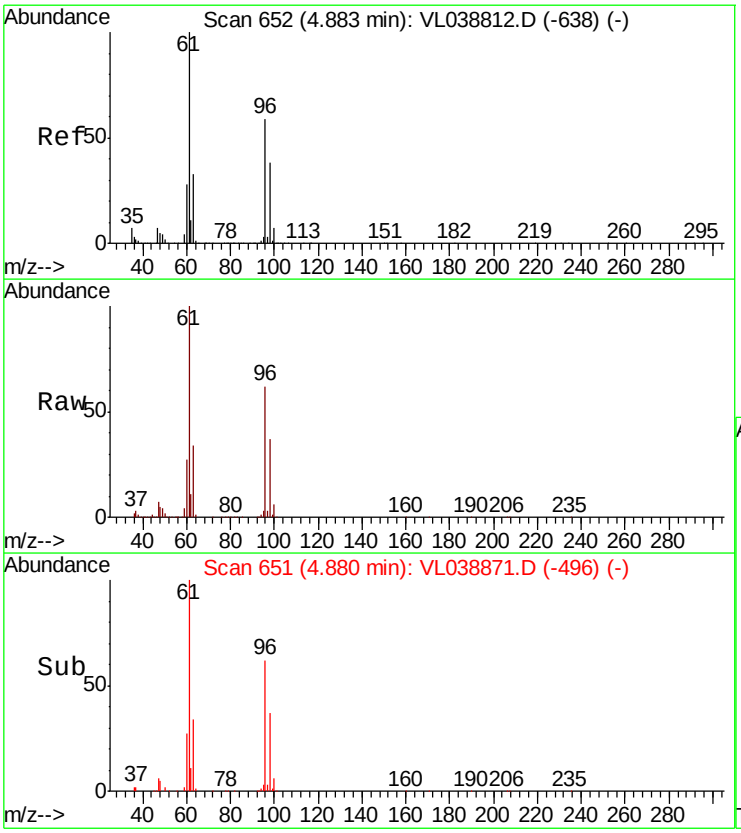
#21
Allvl Chloride
Concen: 8.845 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 41 Resp: 842916

Ion	Ratio	Lower	Upper
41	100		
76	28.5	23.7	35.5
39	78.7	62.0	93.0

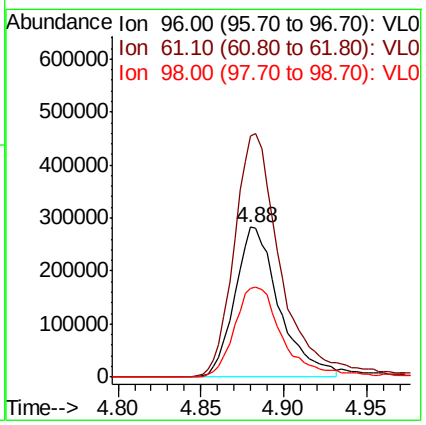


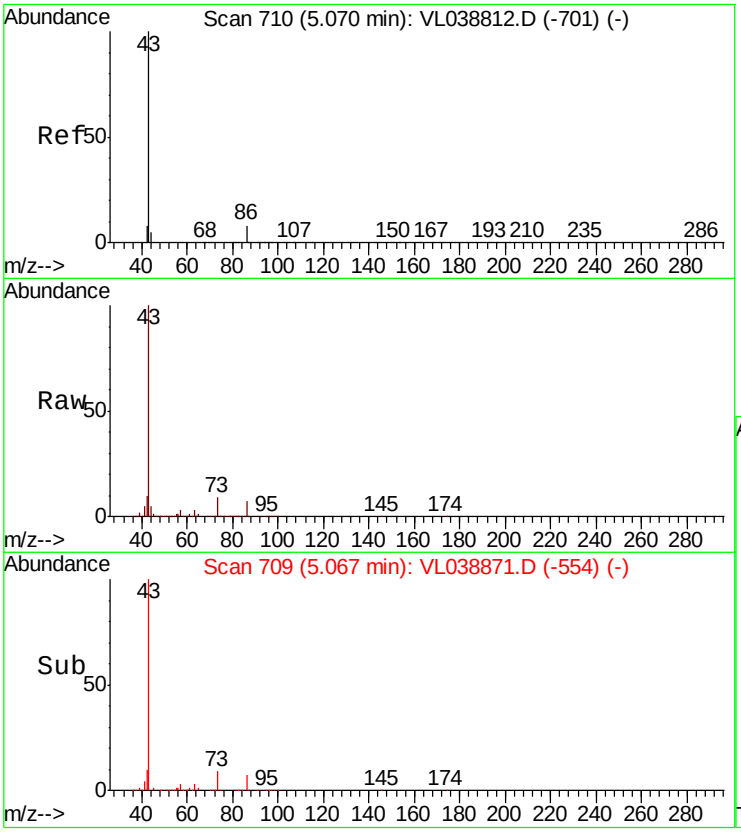


#22
trans-1,2-Dichloroethene
Concen: 10.257 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 96 Resp: 528383

Ion	Ratio	Lower	Upper
96	100		
61	160.6	134.8	202.2
98	59.3	51.9	77.9



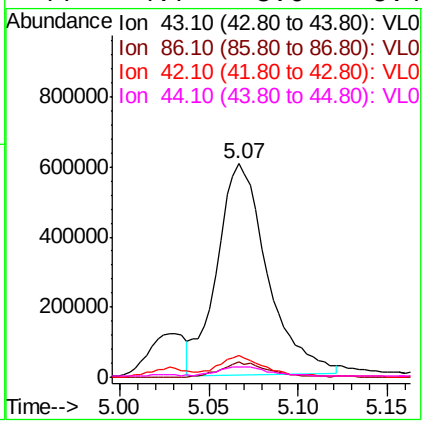


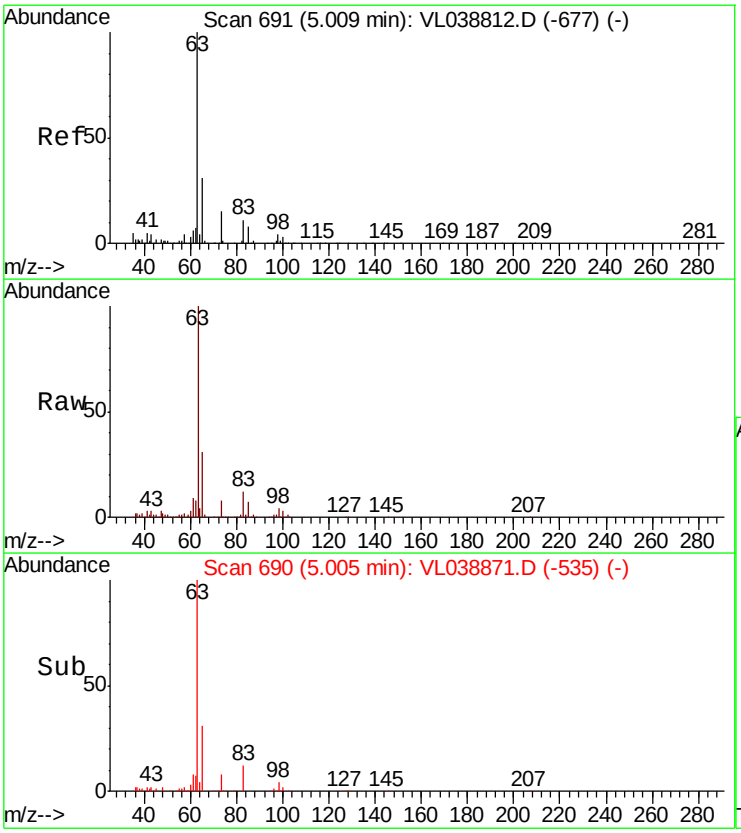
#23
Vinyl Acetate
Concen: 9.547 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 43 Resp: 1183387

Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.8	8.6
42	10.5	7.8	11.6
44	4.7	3.6	5.4

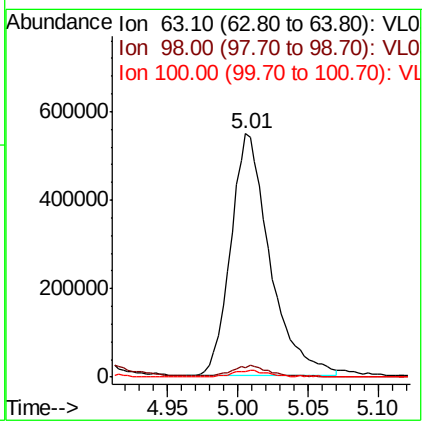


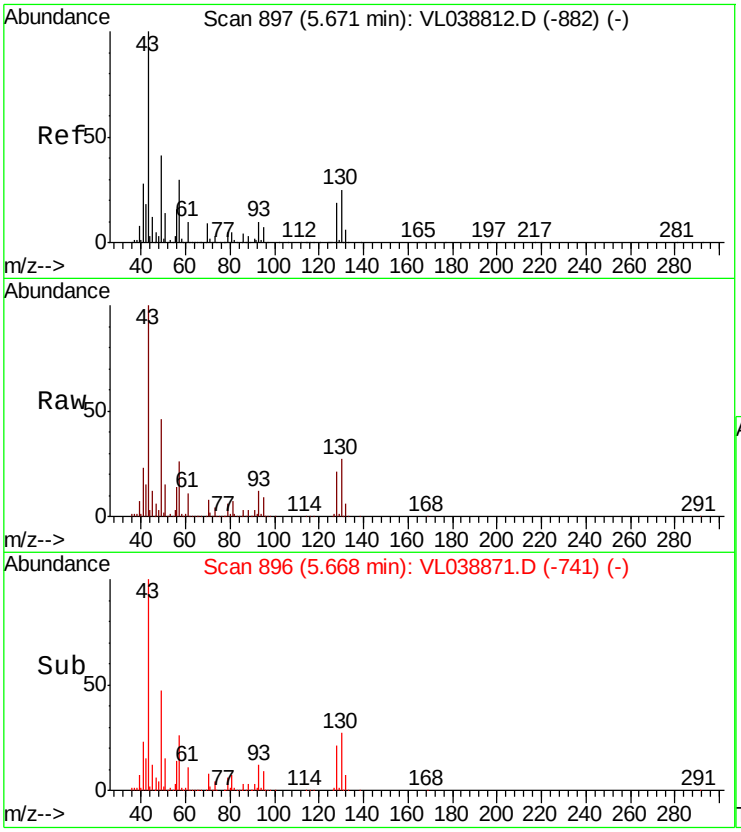


#24
1,1-Dichloroethane
Concen: 9.510 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 63 Resp: 1065239

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.2	6.6
100	2.4	1.4	4.0



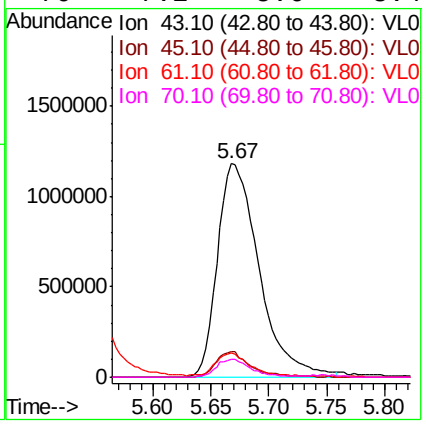


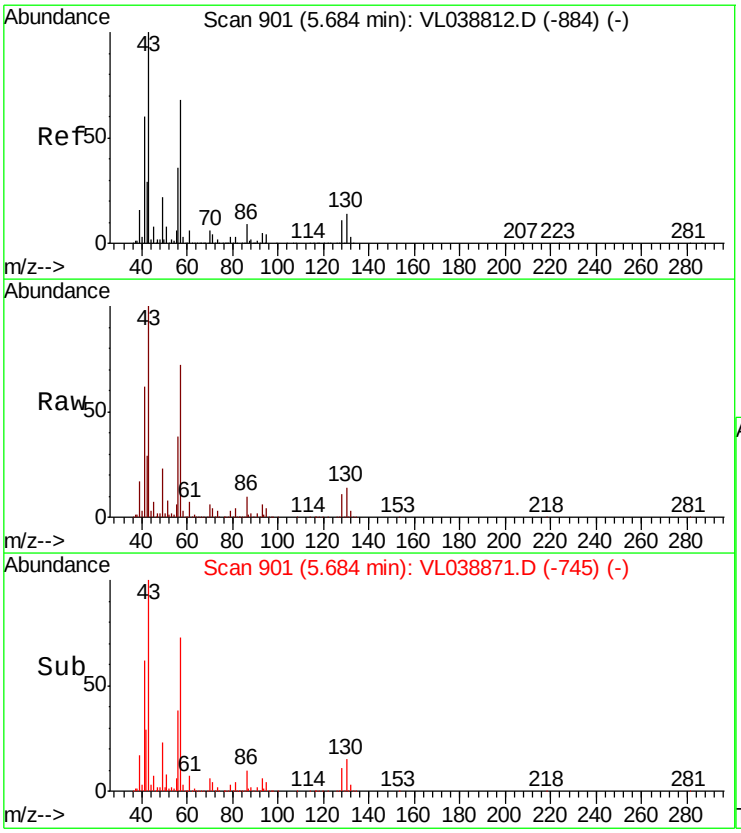
#25
Ethyl Acetate
Concen: 9.075 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 43 Resp: 2930885

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.4	12.6
61	10.2	7.9	11.9
70	7.2	5.6	8.4

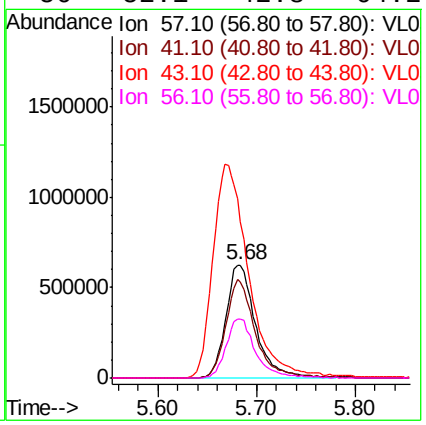


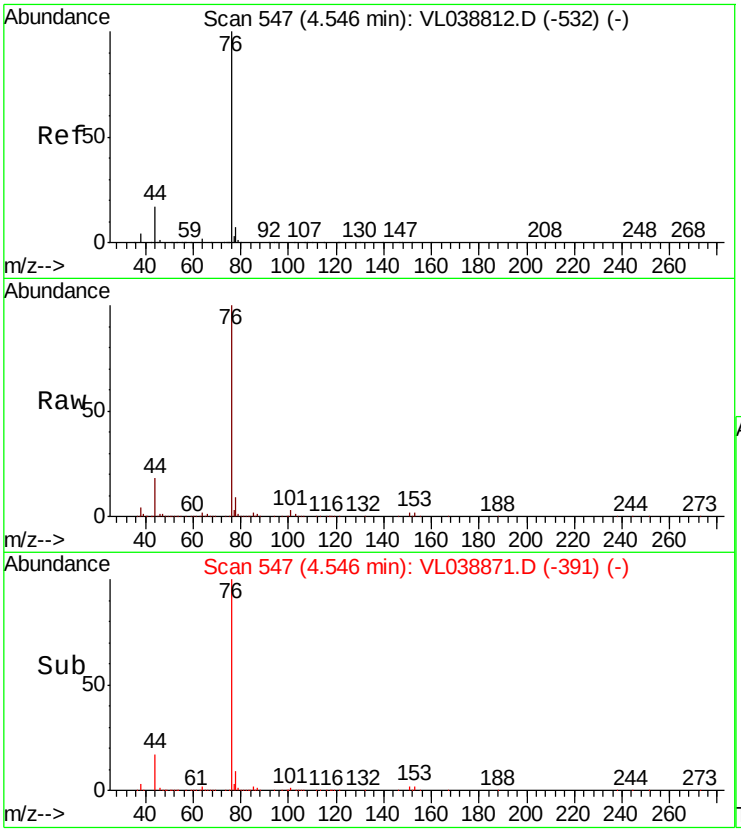


#26
Hexane
Concen: 8.956 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 57 Resp: 1316435

Ion	Ratio	Lower	Upper
57	100		
41	86.8	72.0	108.0
43	227.5	186.6	280.0
56	52.1	42.8	64.2



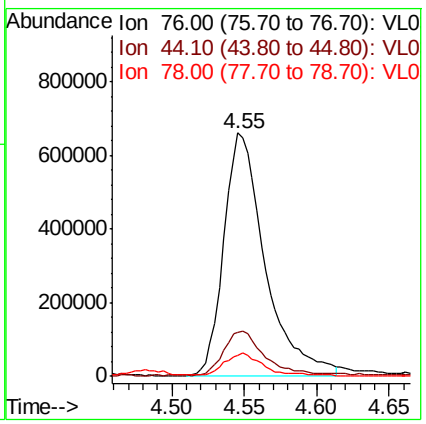


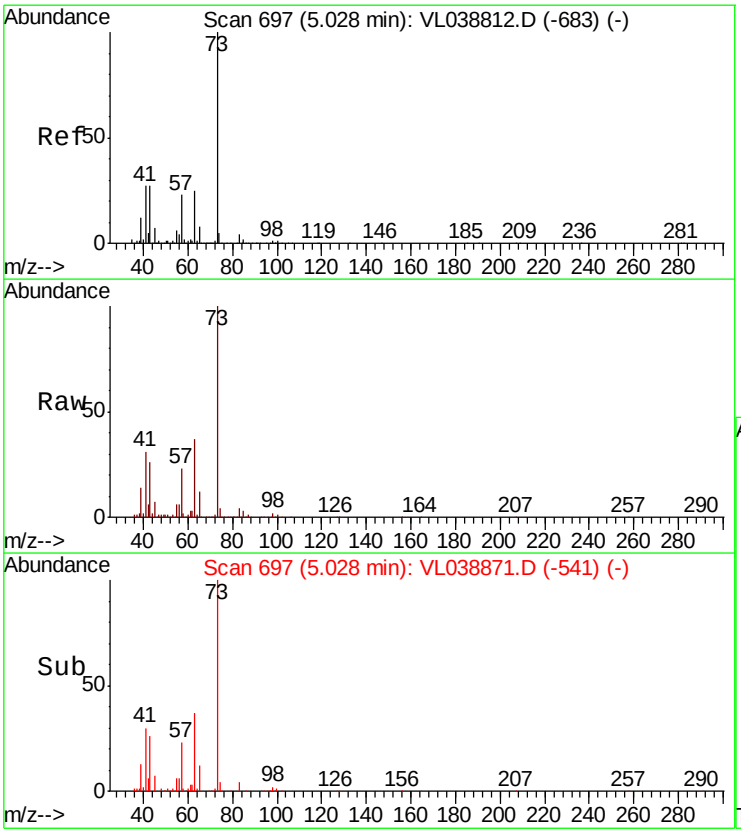
#27
Carbon Disulfide
Concen: 9.650 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 76 Resp: 1300900

Ion	Ratio	Lower	Upper
76	100		
44	18.2	15.7	23.5
78	9.8	7.8	11.8

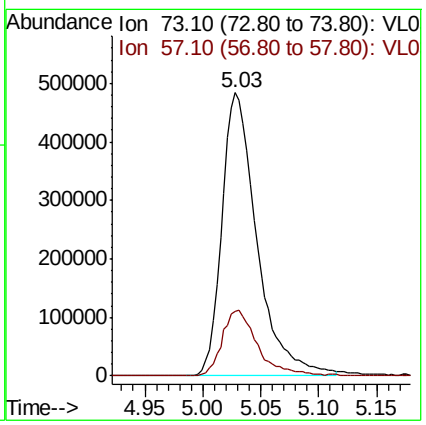


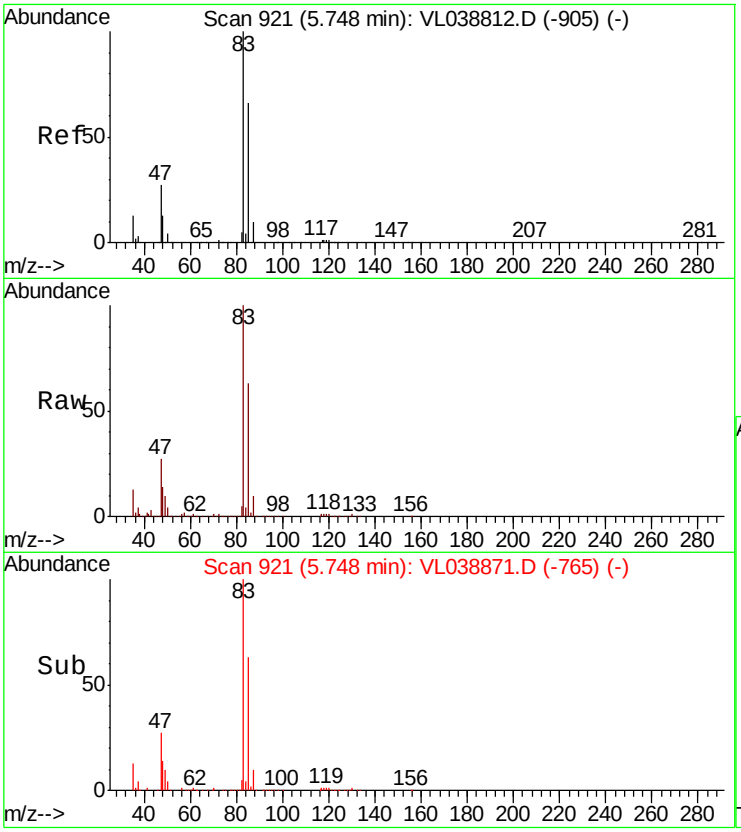


#28
Methyl tert-Butyl Ether
Concen: 8.952 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 73 Resp: 1016290

Ion	Ratio	Lower	Upper
73	100		
57	23.7	19.7	29.5



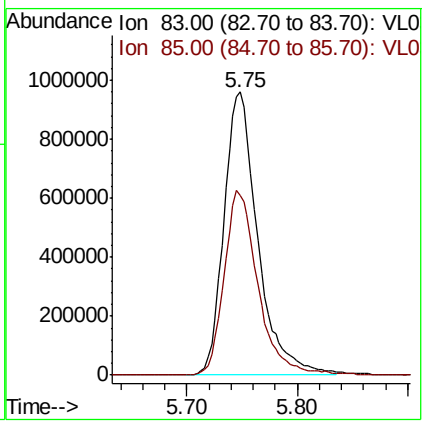


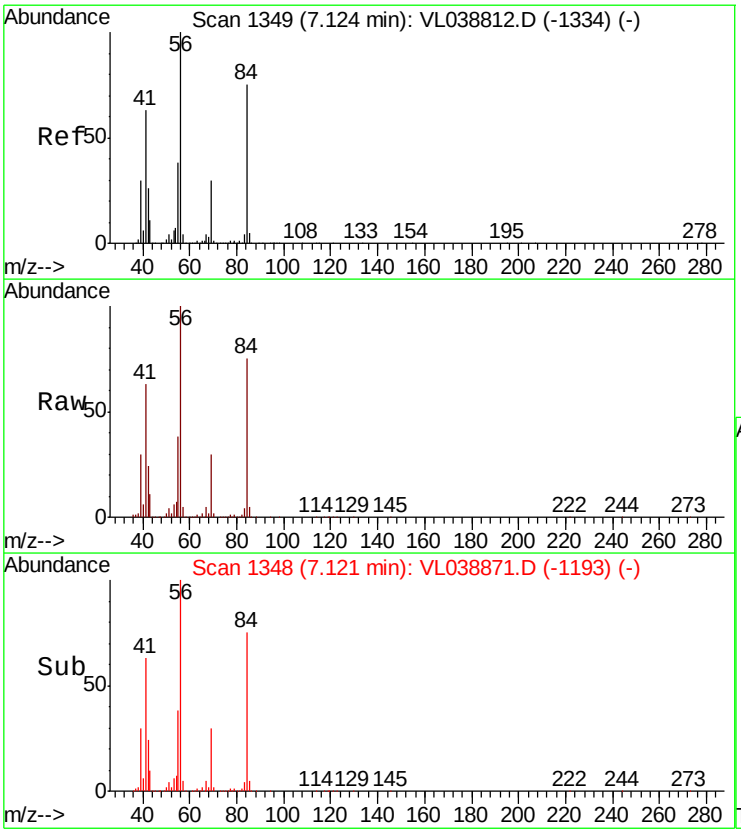
#29
Chloroform
Concen: 9.935 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 83 Resp: 2043240

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7

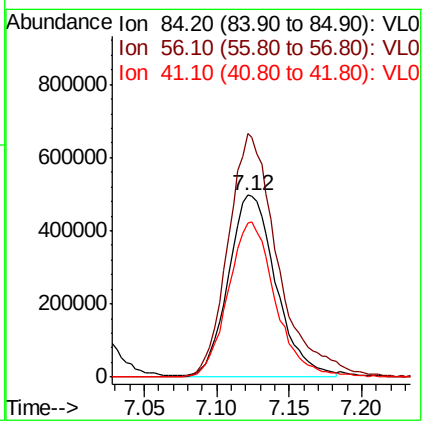


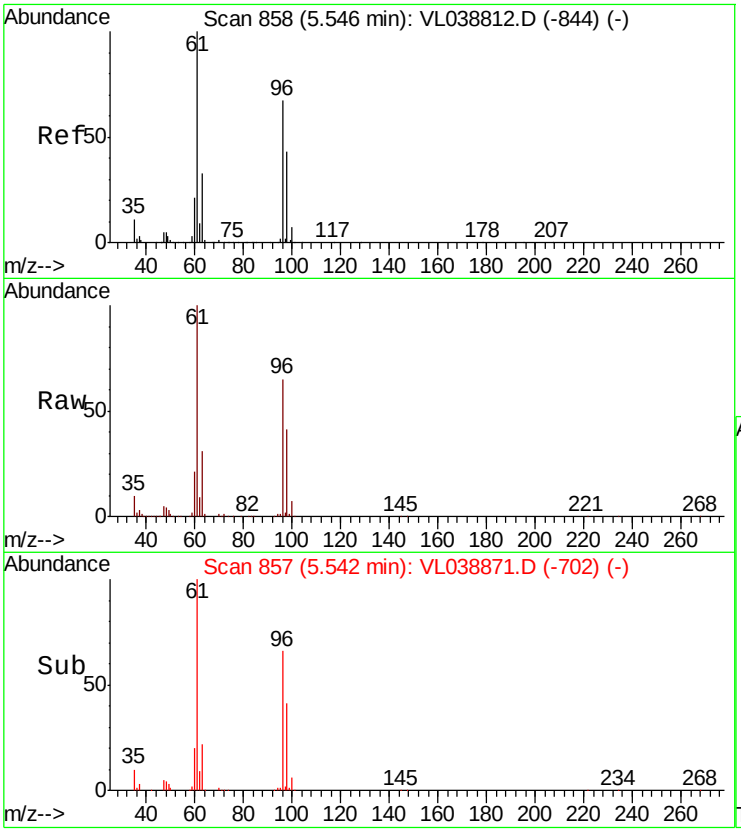


#30
Cyclohexane
Concen: 8.719 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 84 Resp: 1129657

Ion	Ratio	Lower	Upper
84	100		
56	141.3	114.4	171.6
41	84.6	69.0	103.4



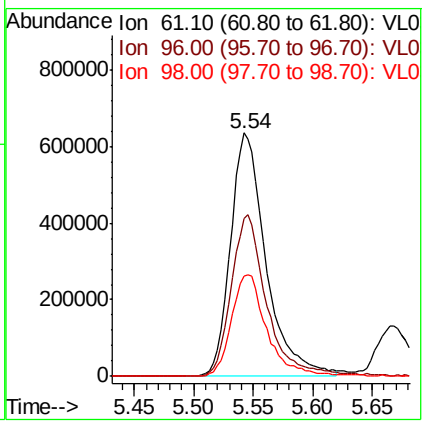


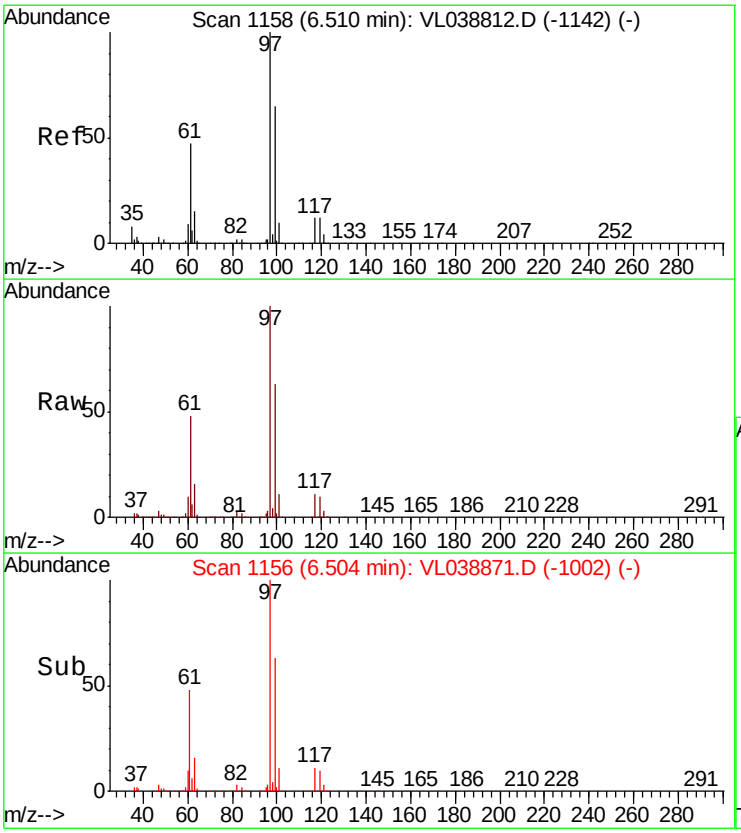
#31
cis-1,2-Dichloroethene
Concen: 9.697 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 61 Resp: 1310600

Ion	Ratio	Lower	Upper
61	100		
96	65.0	53.4	80.0
98	41.3	34.2	51.4

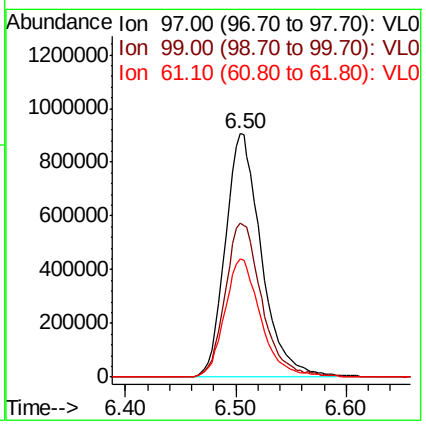


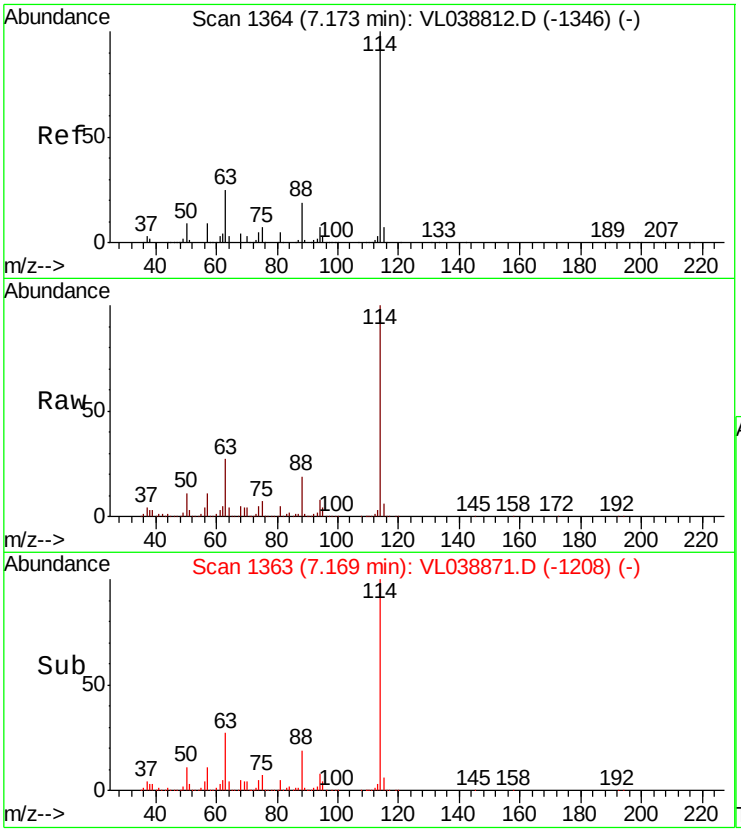


#32
1,1,1-Trichloroethane
Concen: 9.886 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 97 Resp: 2048519

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.4	78.6
61	48.8	38.6	57.8



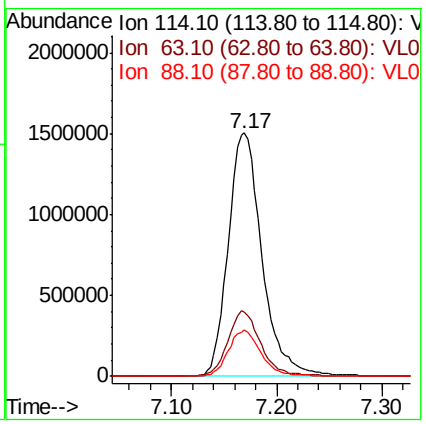


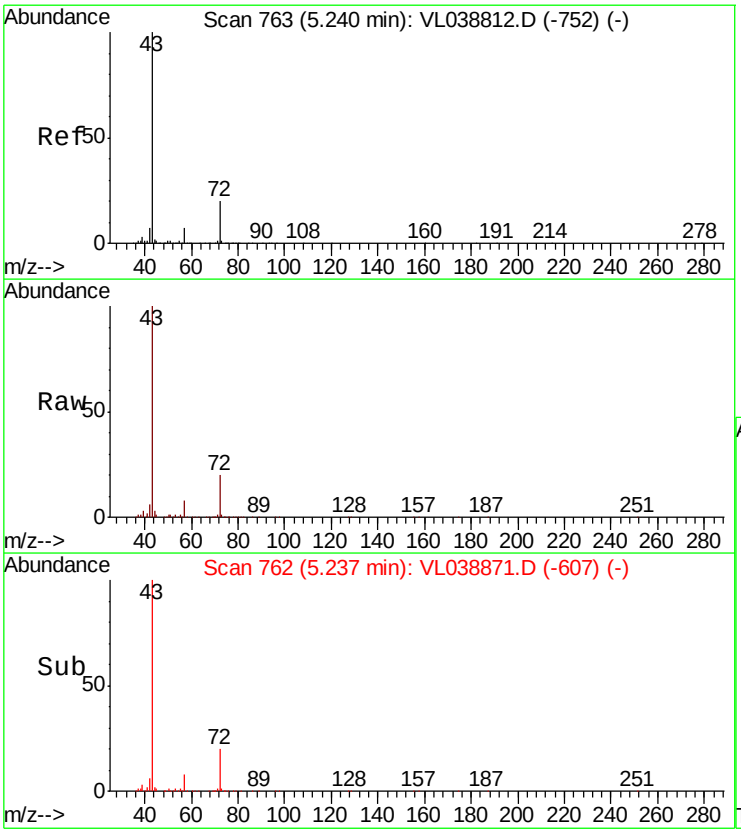
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:114 Resp: 3334140

Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.8	29.8
88	18.6	14.2	21.4

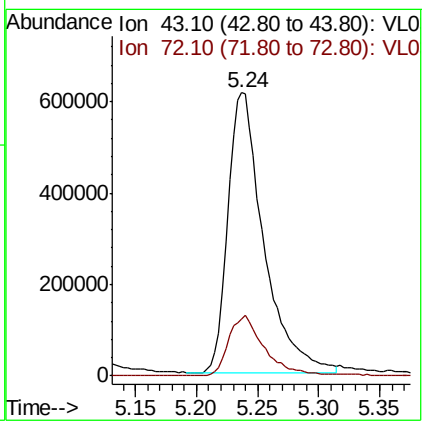


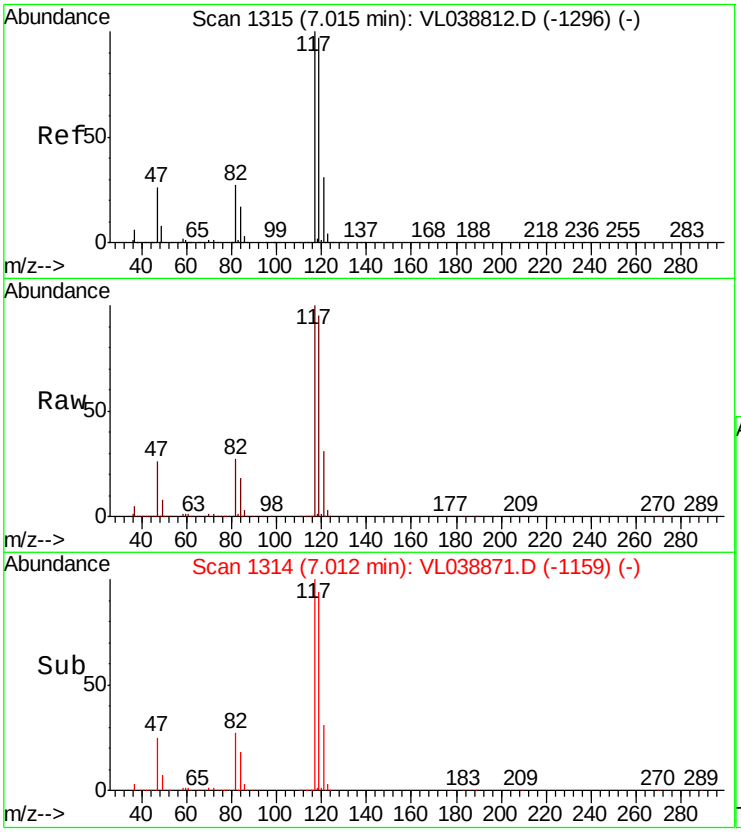


#34
2-Butanone
Concen: 9.588 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 43 Resp: 1263161

Ion	Ratio	Lower	Upper
43	100		
72	22.2	16.9	25.3



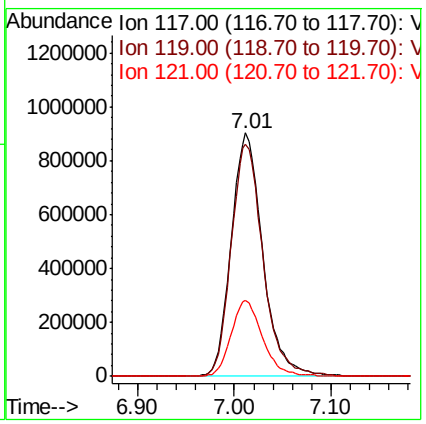


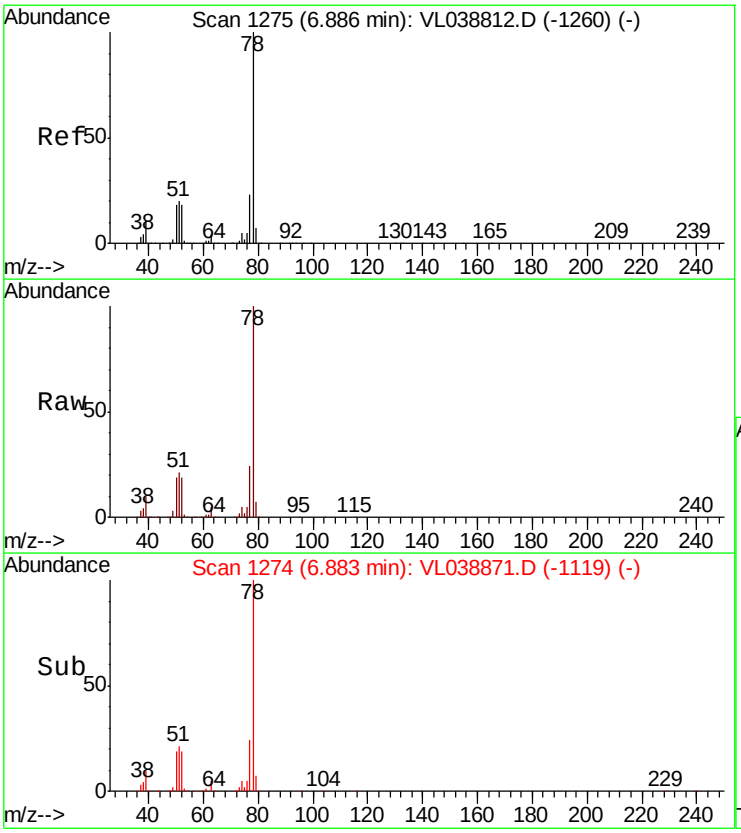
#35
Carbon Tetrachloride
Concen: 10.223 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:117 Resp: 2043353

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.7	116.5
121	31.0	24.5	36.7

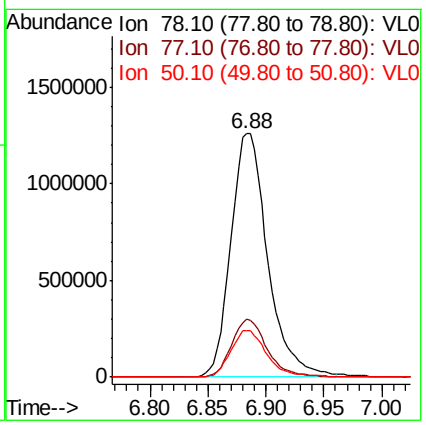


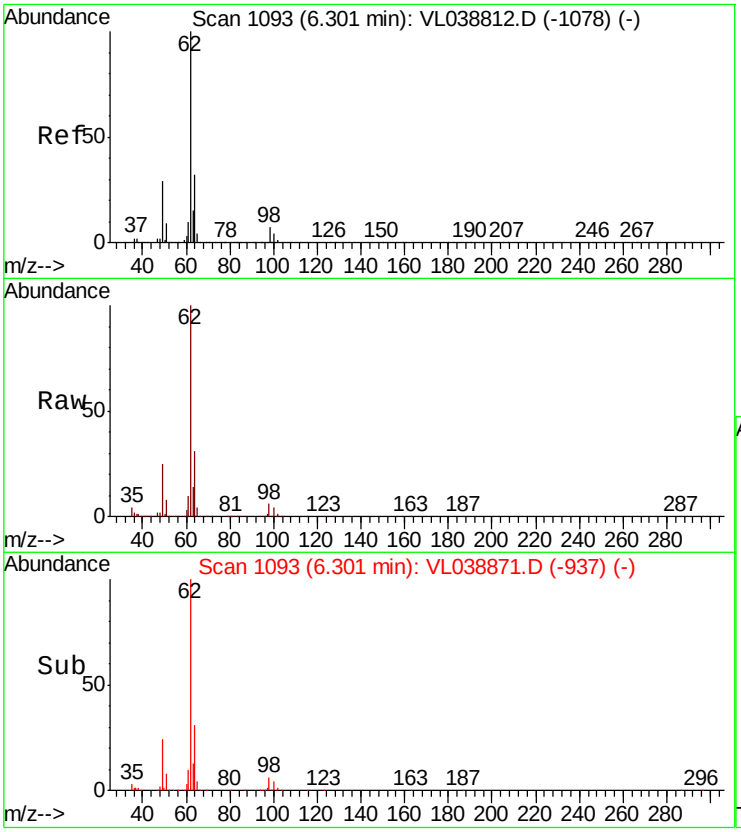


#36
Benzene
Concen: 9.159 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 78 Resp: 2777934

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2
50	19.2	14.0	21.0



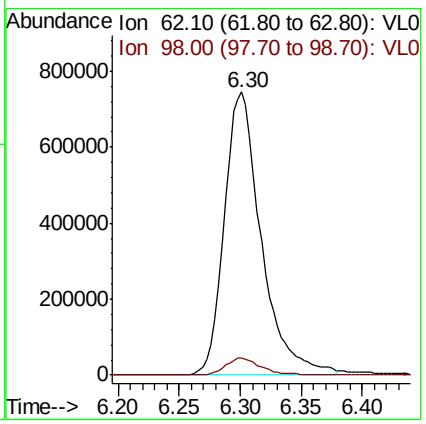


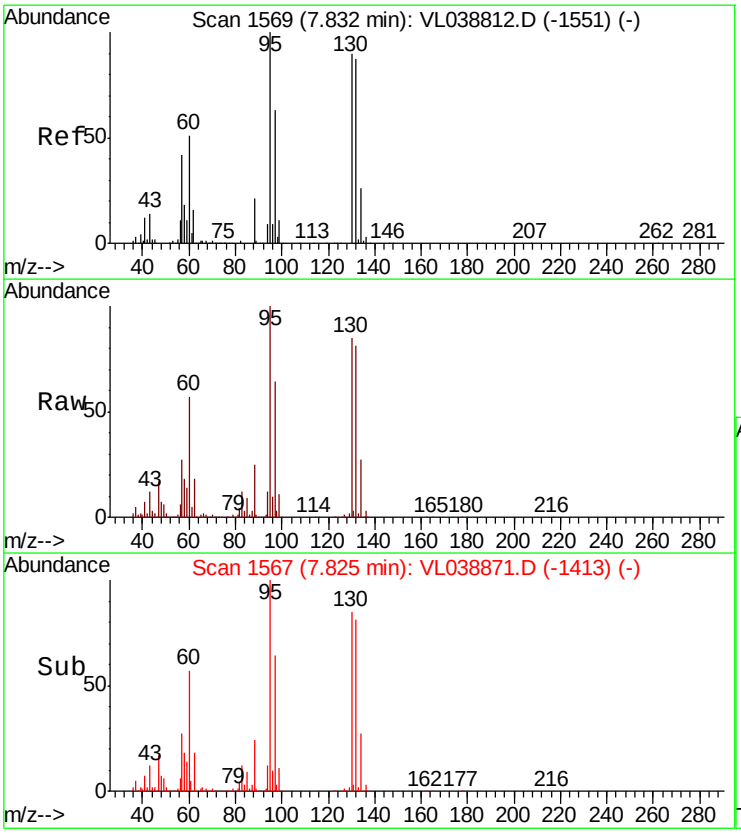
#37
1,2-Dichloroethane
Concen: 11.314 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 62 Resp: 1568932

Ion	Ratio	Lower	Upper
62	100		
98	6.0	5.9	8.9

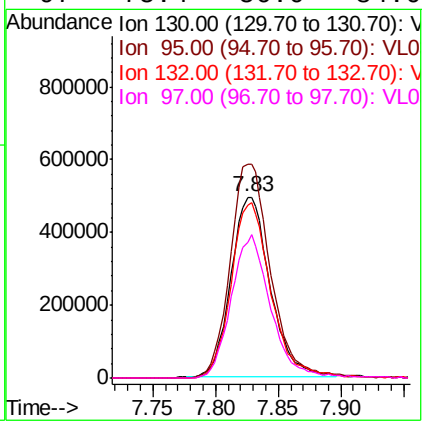


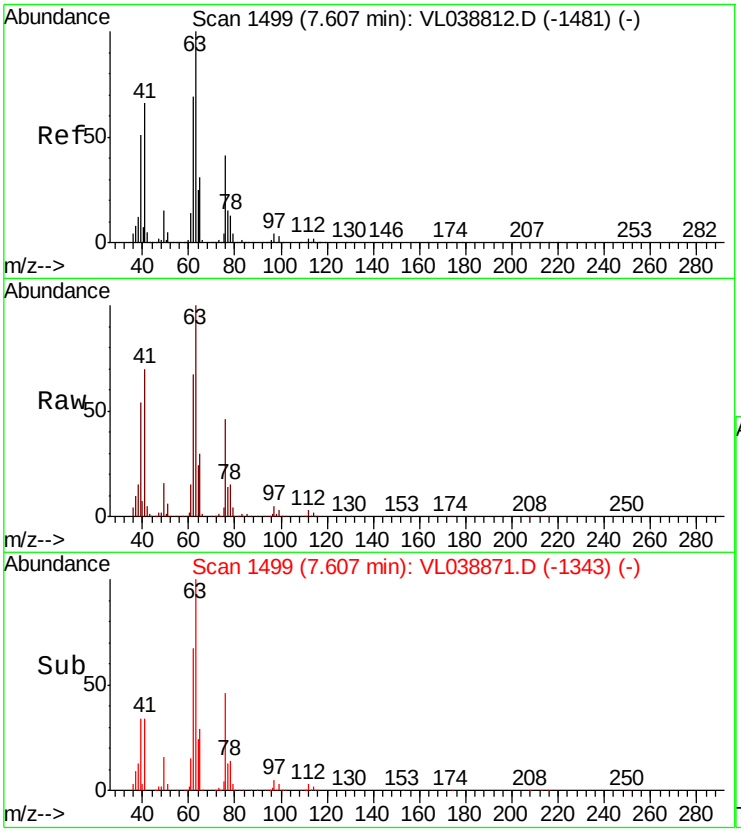


#38
Trichloroethene
Concen: 8.672 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:130 Resp: 1079298

Ion	Ratio	Lower	Upper
130	100		
95	118.4	89.4	134.0
132	96.1	77.7	116.5
97	75.4	56.0	84.0



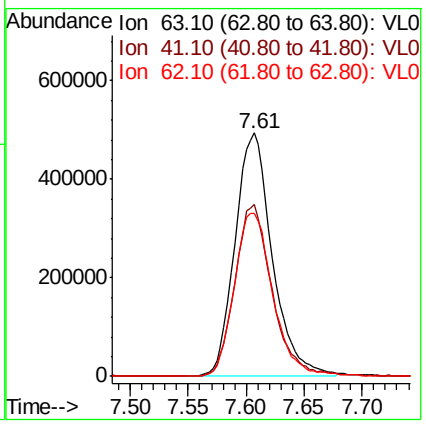


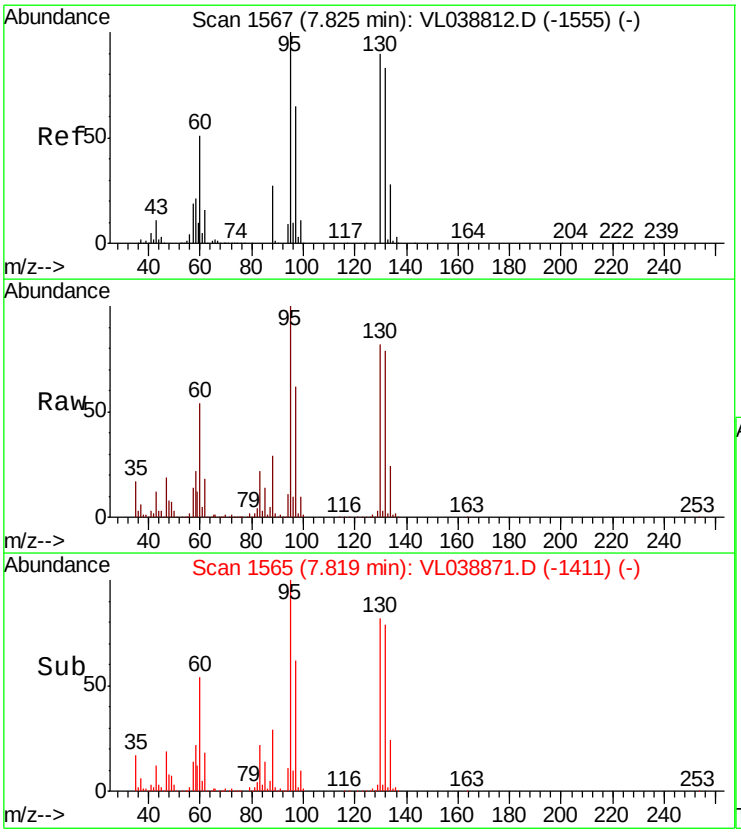
#39
1,2-Dichloropropane
Concen: 9.496 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 63 Resp: 1101703

Ion	Ratio	Lower	Upper
63	100		
41	70.4	53.0	79.6
62	67.1	55.0	82.4

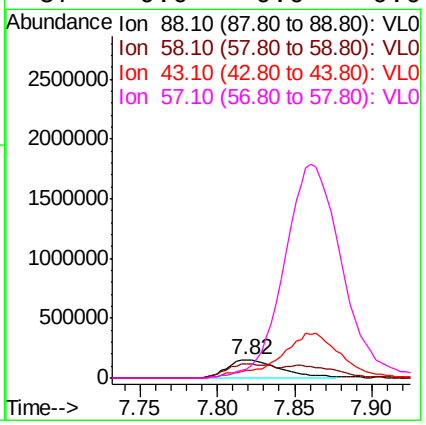


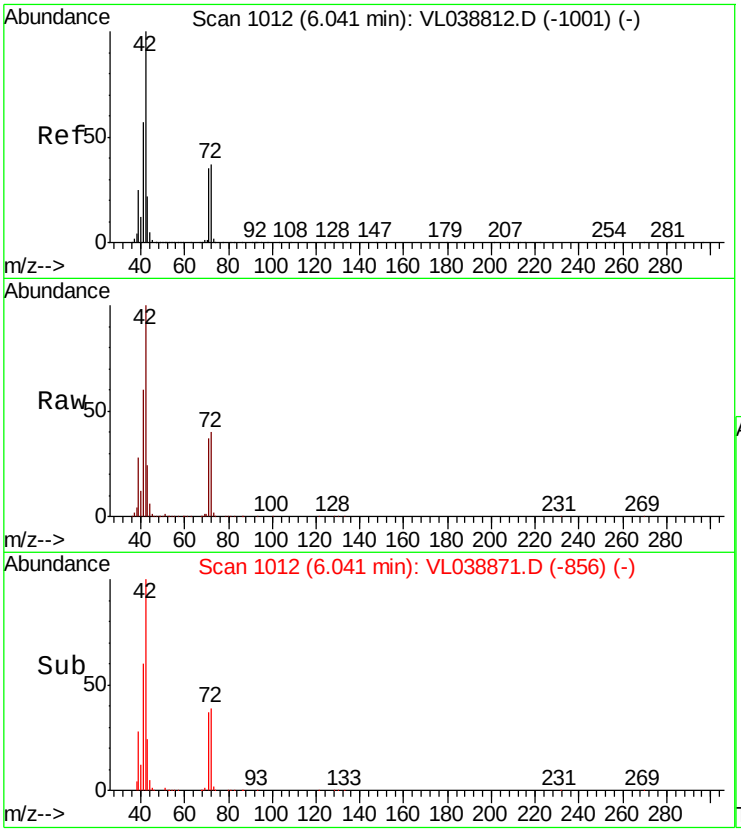


#40
1,4-Dioxane
Concen: 9.127 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 88 Resp: 359562

Ion	Ratio	Lower	Upper
88	100		
58	139.6	49.4	74.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



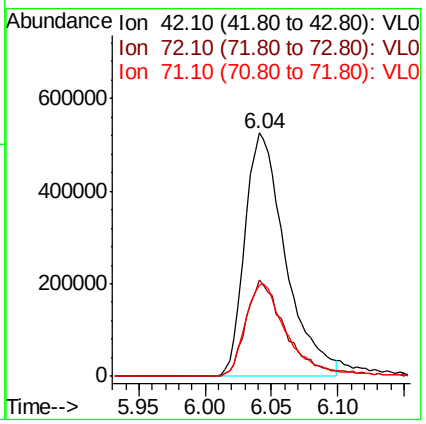


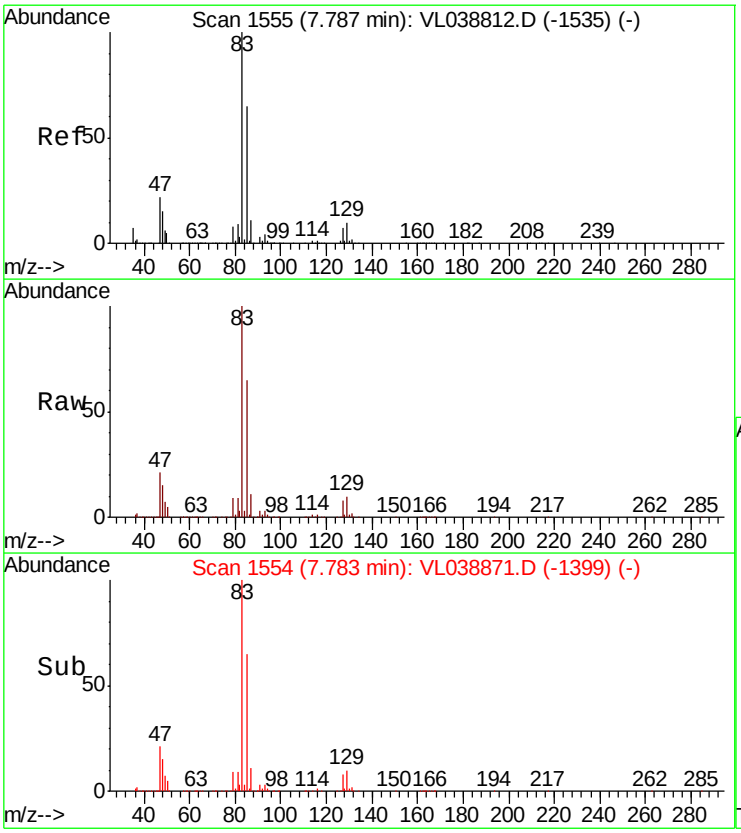
#41
Tetrahydrofuran
Concen: 8.963 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 42 Resp: 1121543

Ion	Ratio	Lower	Upper
42	100		
72	40.2	31.4	47.0
71	39.9	30.2	45.4

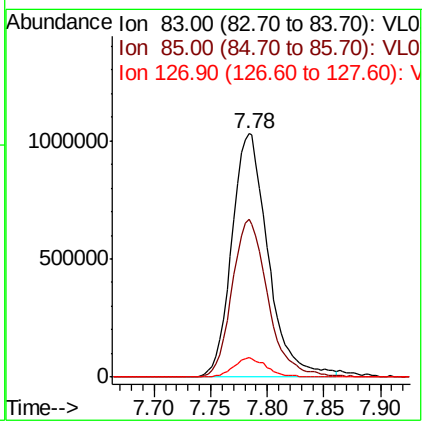


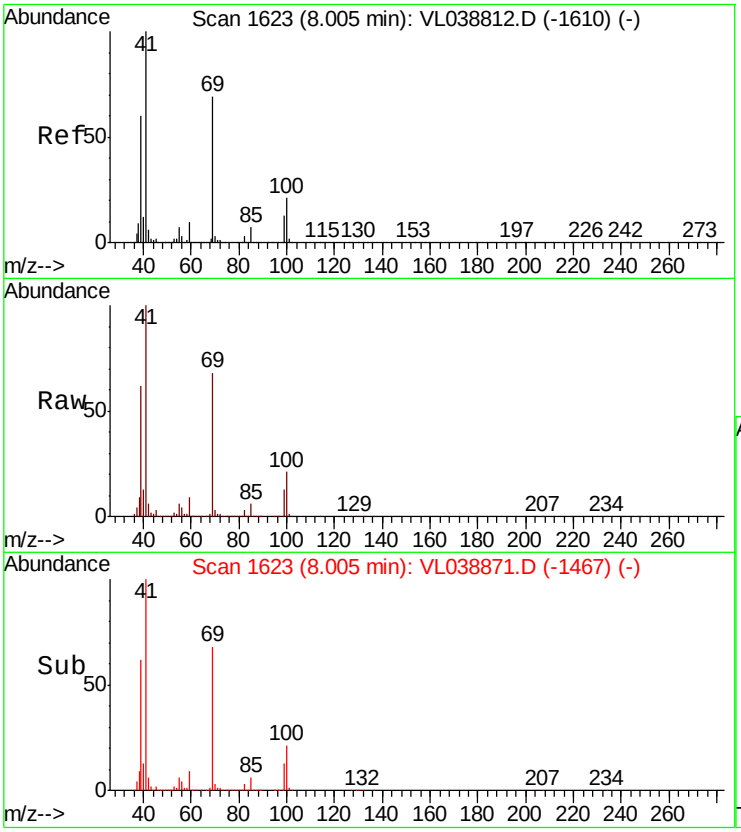


#42
Bromodichloromethane
Concen: 10.518 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 83 Resp: 2303417

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.7	77.5
127	7.9	5.9	8.9



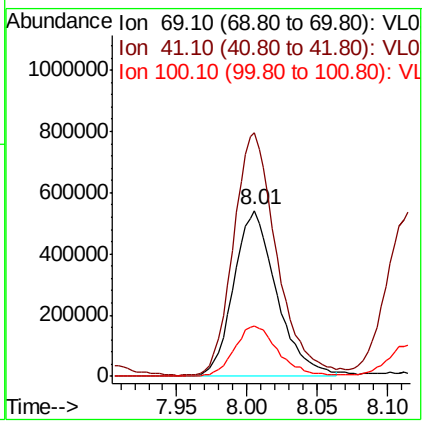


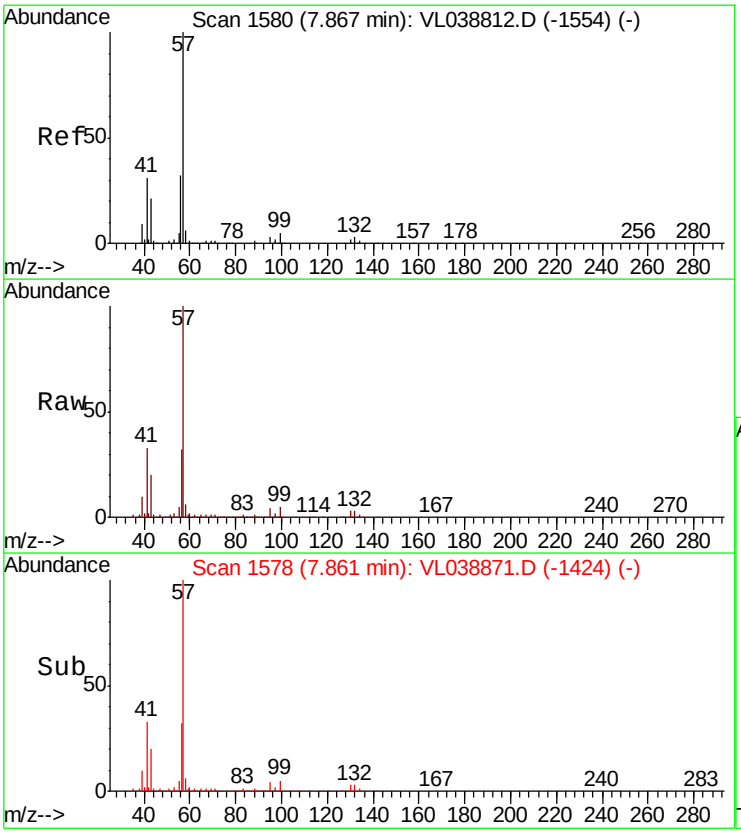
#43
Methyl Methacrylate
Concen: 9.915 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 69 Resp: 1151861

Ion	Ratio	Lower	Upper
69	100		
41	149.3	119.0	178.4
100	31.4	26.4	39.6

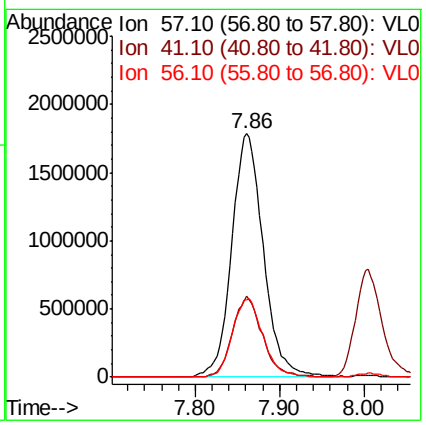


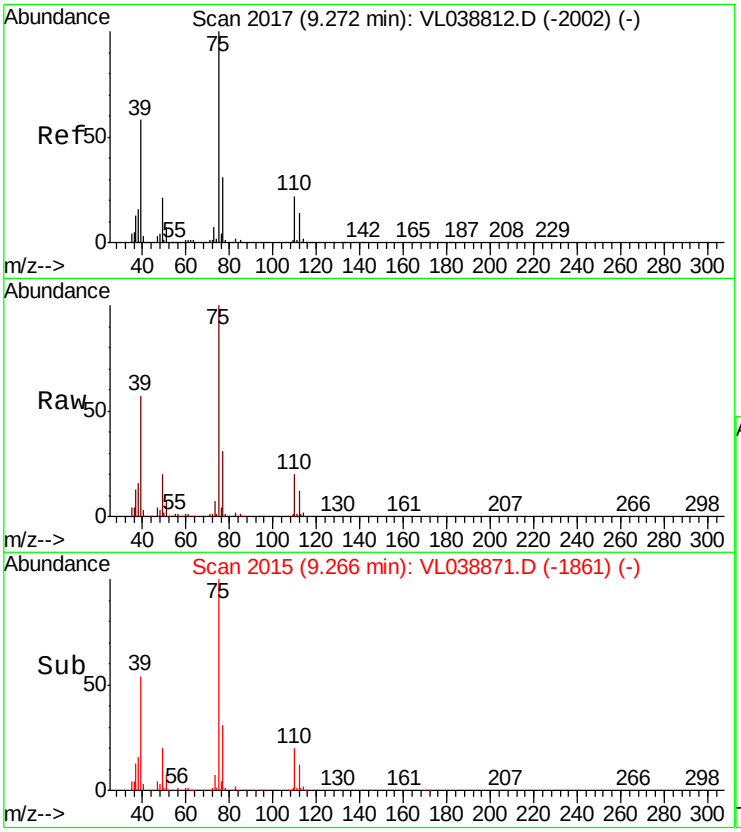


#44
2,2,4-Trimethylpentane
Concen: 9.060 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 57 Resp: 4652309

Ion	Ratio	Lower	Upper
57	100		
41	31.4	25.0	37.4
56	31.5	25.3	37.9



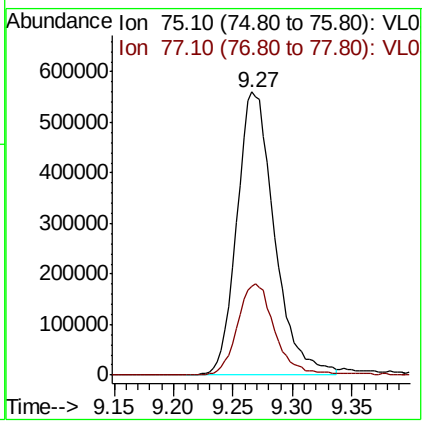


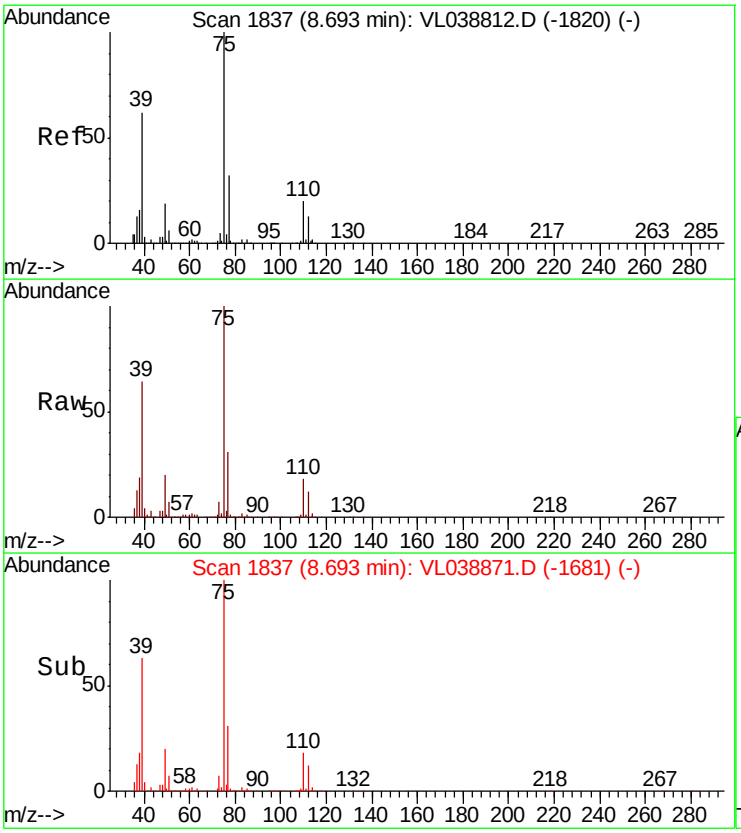
#45
t-1,3-Dichloropropene
Concen: 10.054 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 75 Resp: 1221225

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4

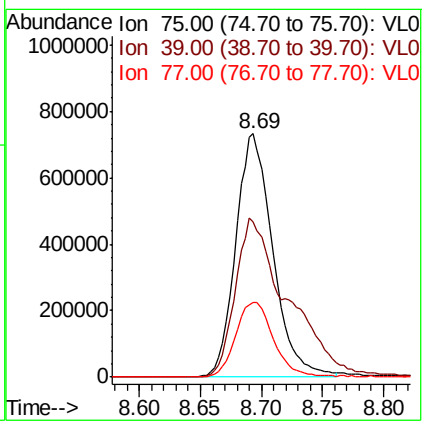


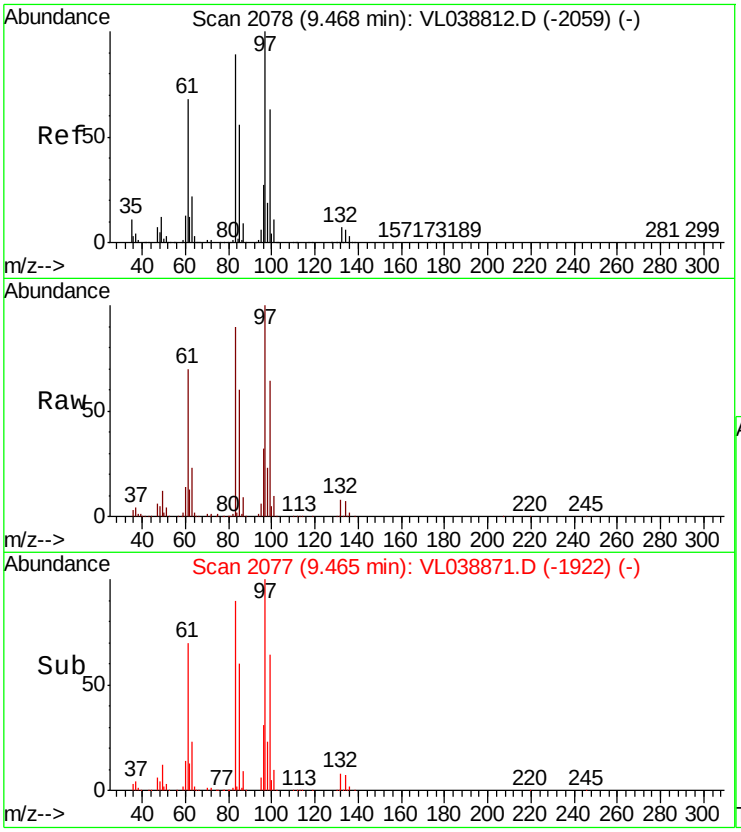


#46
cis-1,3-Dichloropropene
Concen: 9.600 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 75 Resp: 1537396

Ion	Ratio	Lower	Upper
75	100		
39	63.9	49.7	74.5
77	30.7	25.6	38.4



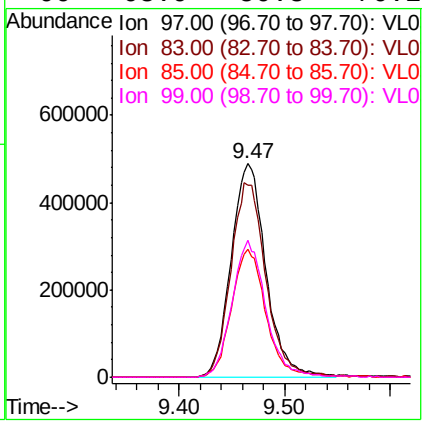


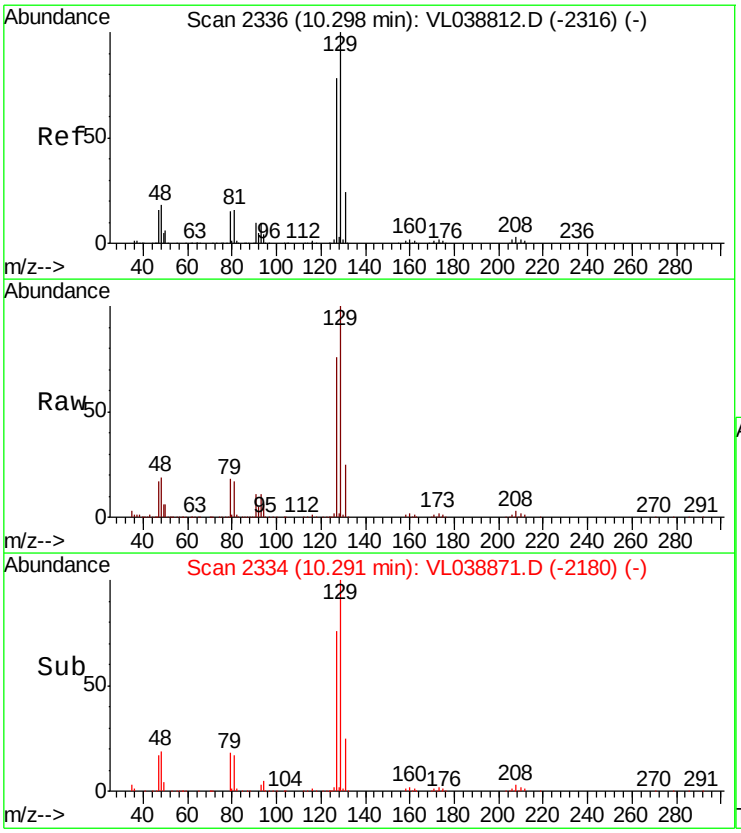
#47
1,1,2-Trichloroethane
Concen: 9.416 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 97 Resp: 1119340

Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.1	106.7
85	59.8	45.1	67.7
99	63.9	50.8	76.2

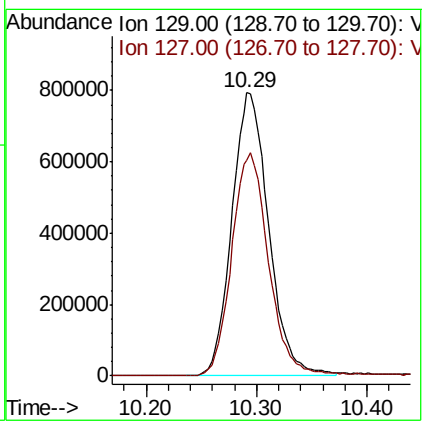


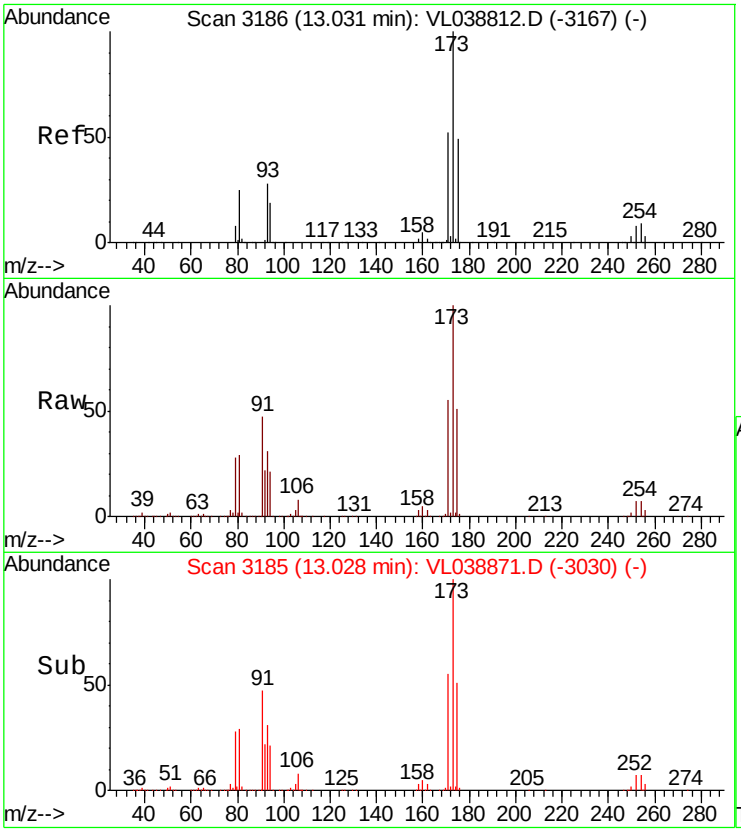


#48
Dibromochloromethane
Concen: 9.880 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:129 Resp: 1840721

Ion	Ratio	Lower	Upper
129	100		
127	79.6	38.9	116.6



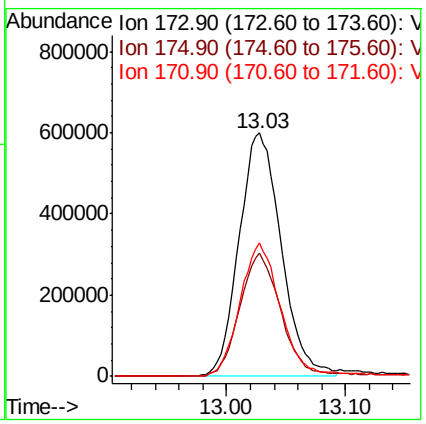


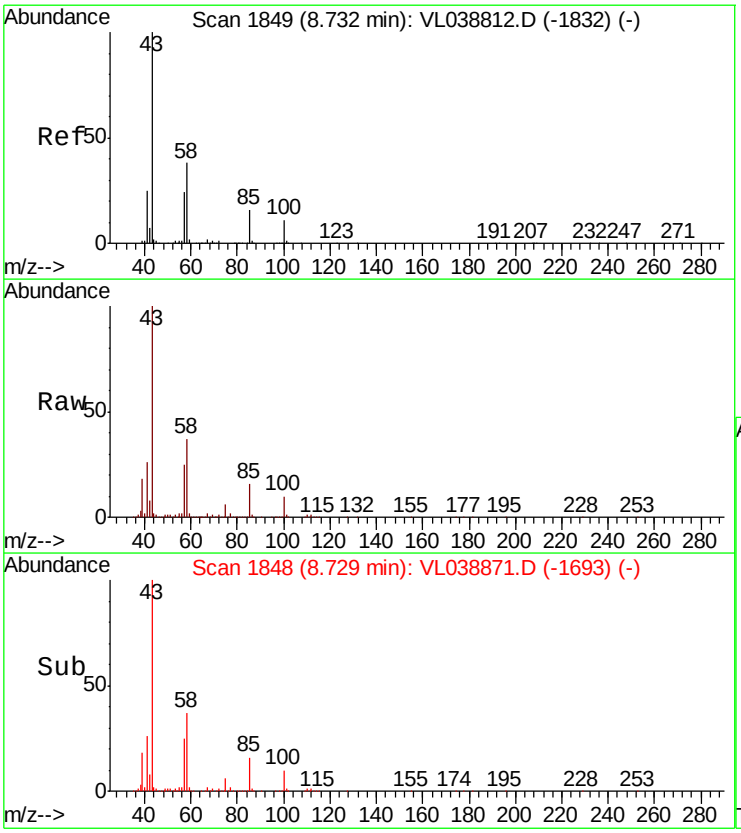
#49
Bromoform
Concen: 9.968 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:173 Resp: 1470924

Ion	Ratio	Lower	Upper
173	100		
175	50.2	39.9	59.9
171	53.5	43.4	65.0

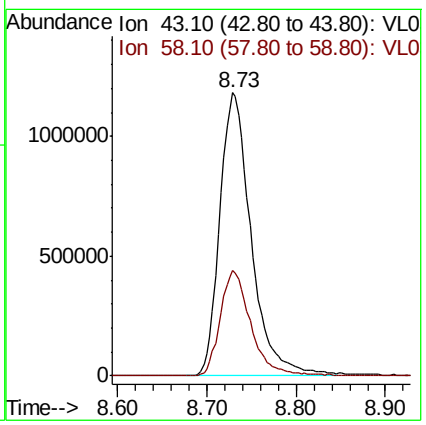


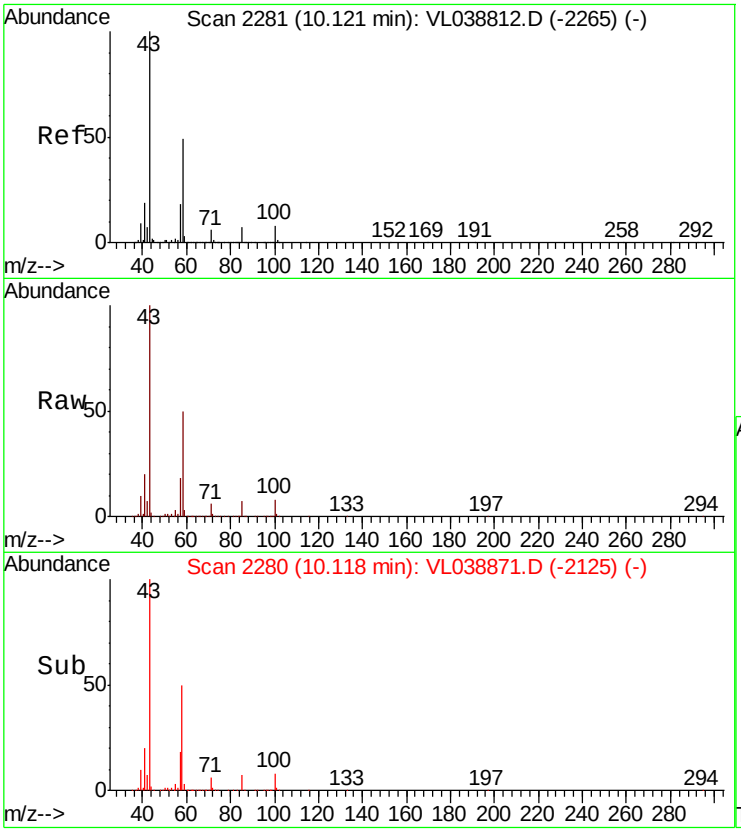


#50
4-Methyl-2-Pentanone
Concen: 9.719 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 43 Resp: 2880127

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.0	43.6



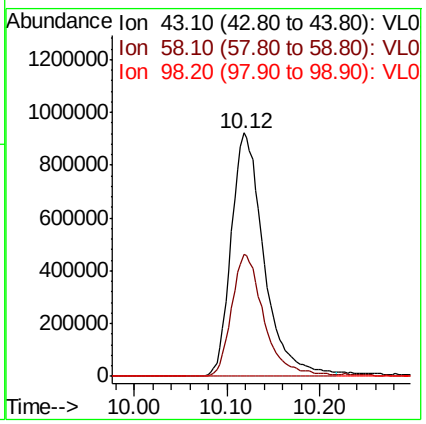


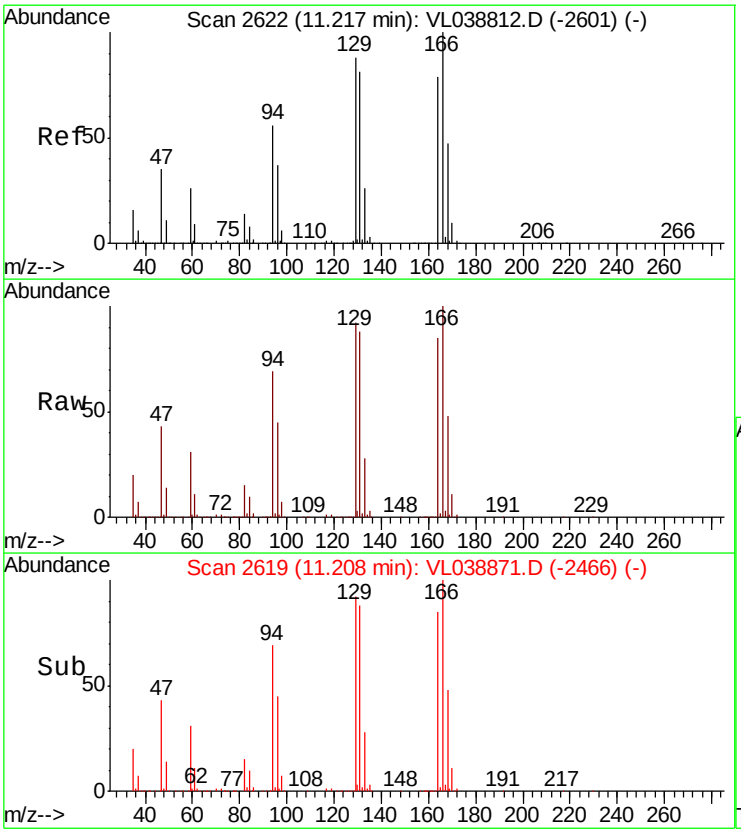
#51
2-Hexanone
Concen: 10.137 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 43 Resp: 2263444

Ion	Ratio	Lower	Upper
43	100		
58	50.8	41.4	62.0
98	0.1	0.1	0.1#

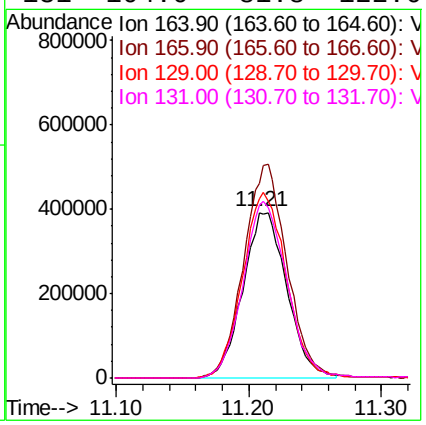


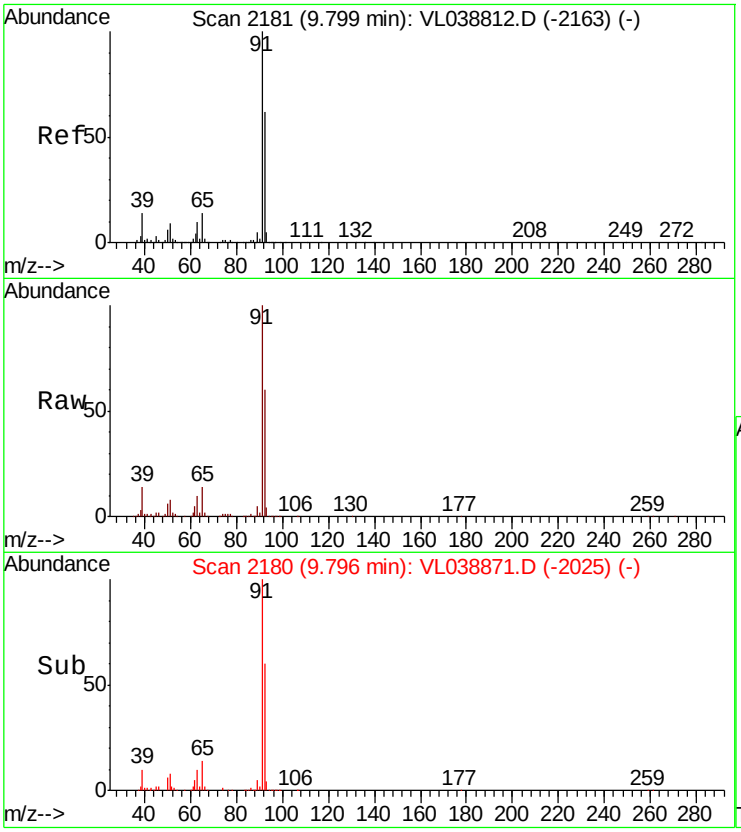


#52
Tetrachloroethene
Concen: 8.516 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:164 Resp: 902216

Ion	Ratio	Lower	Upper
164	100		
166	117.8	101.0	151.6
129	108.2	88.7	133.1
131	104.0	81.8	122.6



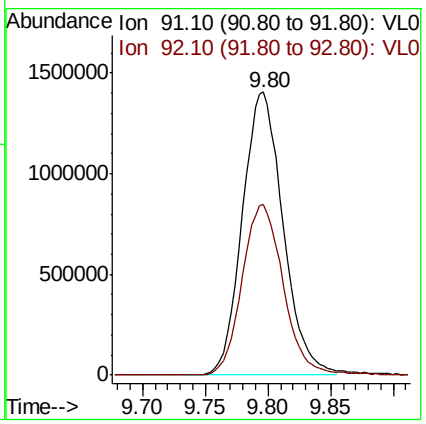


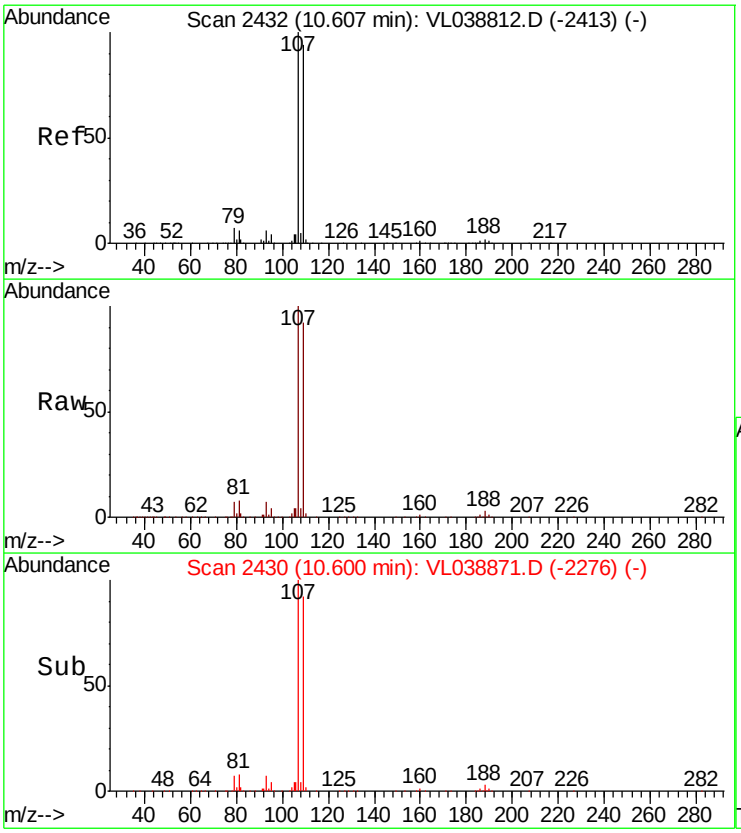
#53
Toluene
Concen: 9.054 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 91 Resp: 3170098

Ion	Ratio	Lower	Upper
91	100		
92	61.4	49.2	73.8

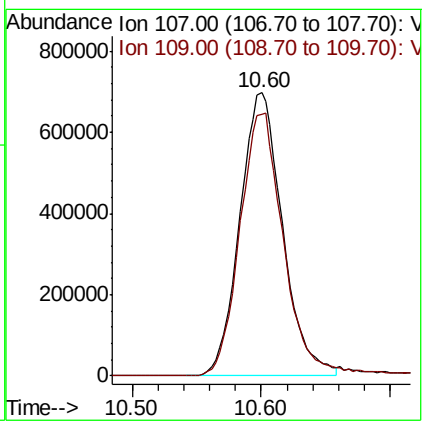


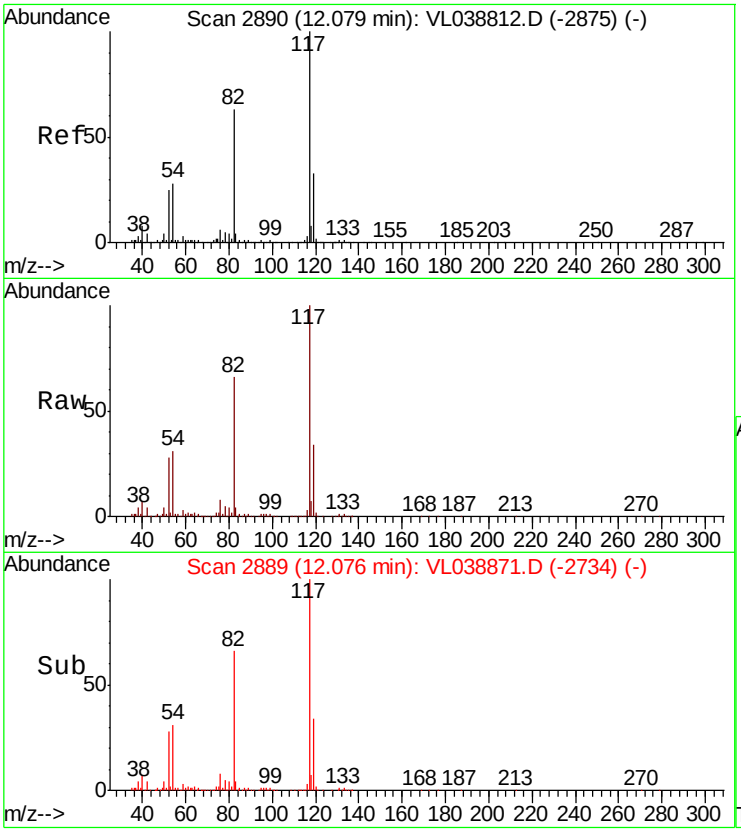


#54
1,2-Dibromoethane
Concen: 9.728 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:107 Resp: 1606299

Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.5	113.3



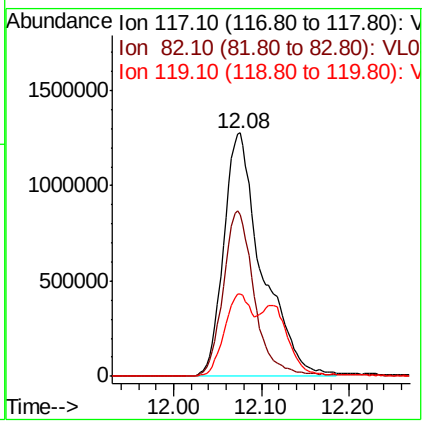


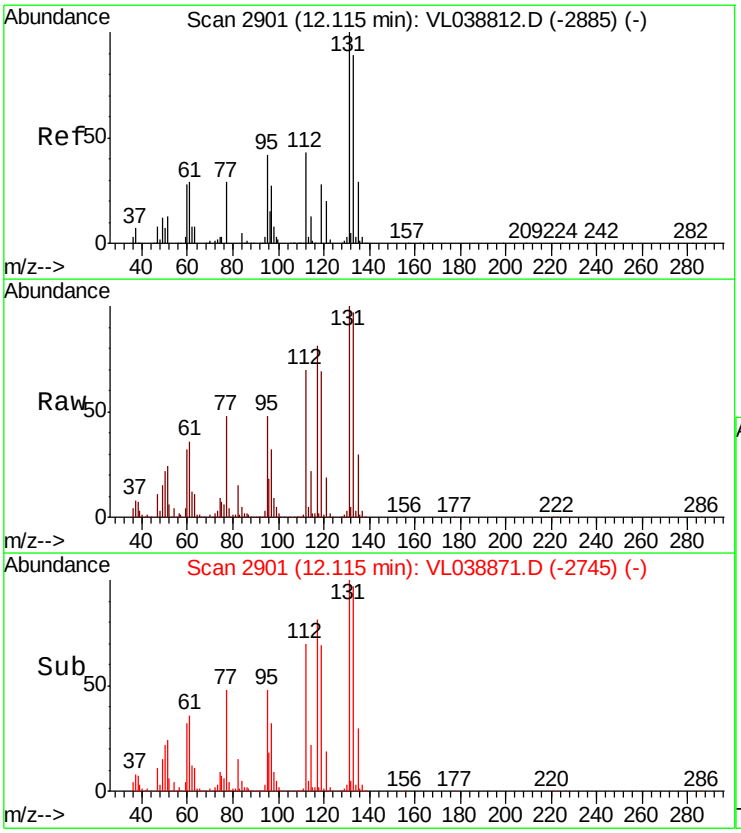
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:117 Resp: 3877038

Ion	Ratio	Lower	Upper
117	100		
82	56.2	53.0	79.6
119	25.5	24.9	37.3

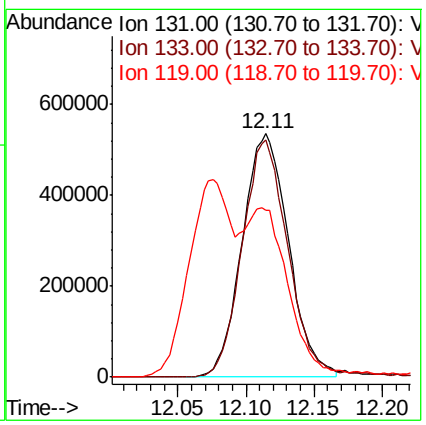


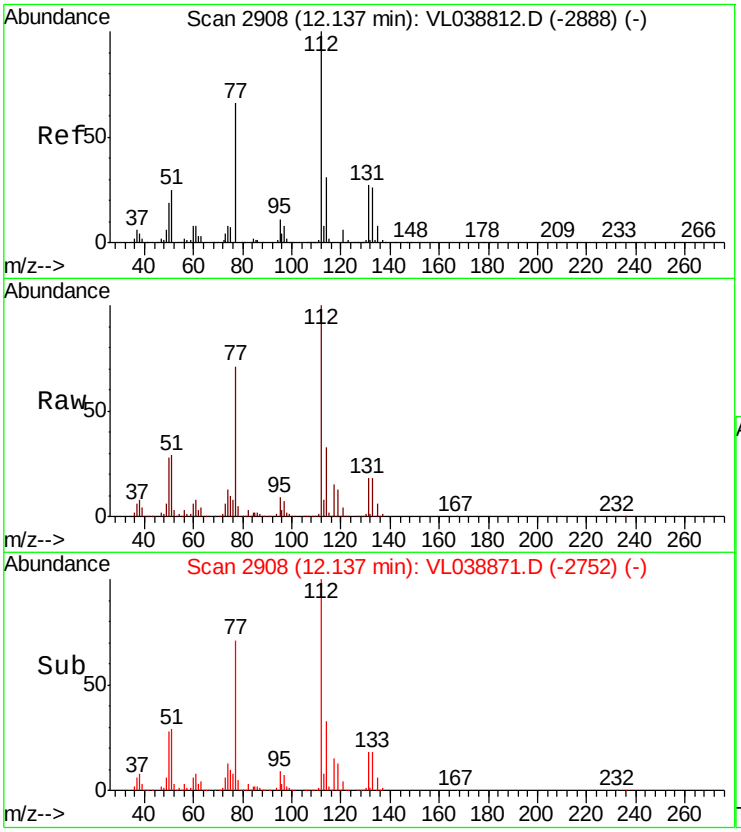


#56
1,1,1,2-Tetrachloroethane
Concen: 7.441 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:131 Resp: 1264346

Ion	Ratio	Lower	Upper
131	100		
133	98.6	78.2	117.4
119	67.0	58.6	87.8



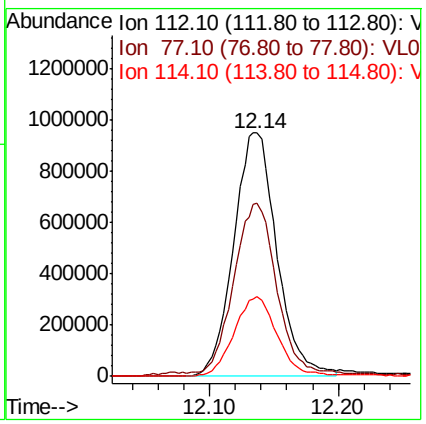


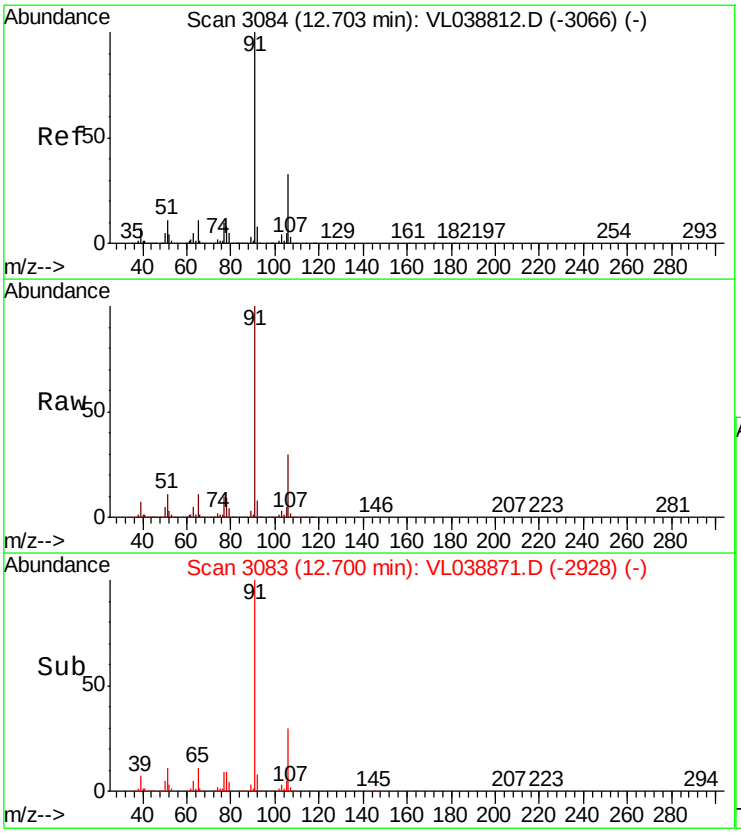
#57
Chlorobenzene
Concen: 6.956 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:112 Resp: 2208640

Ion	Ratio	Lower	Upper
112	100		
77	69.5	52.4	78.6
114	33.0	28.1	34.3

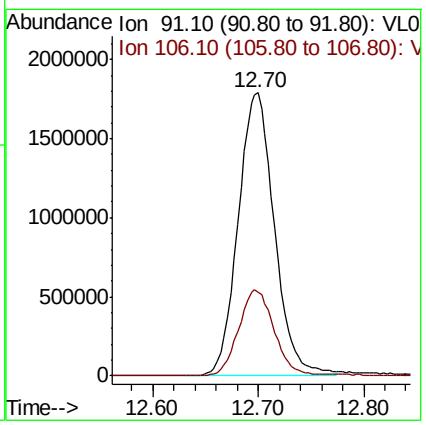


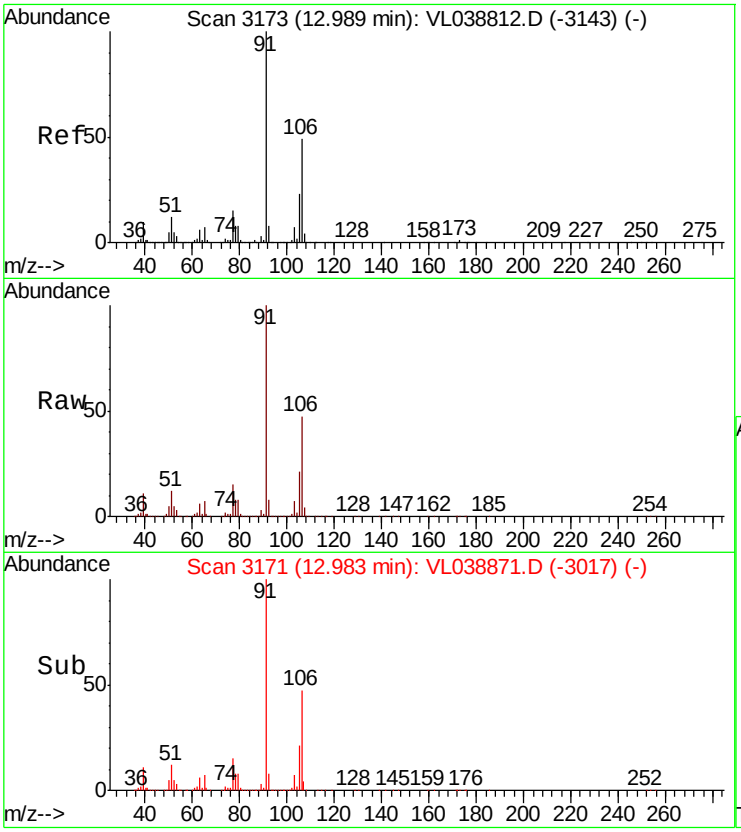


#58
Ethyl Benzene
Concen: 7.391 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 91 Resp: 4282150

Ion	Ratio	Lower	Upper
91	100		
106	29.7	26.7	40.1



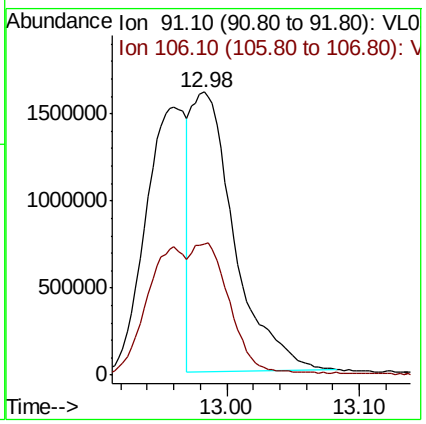


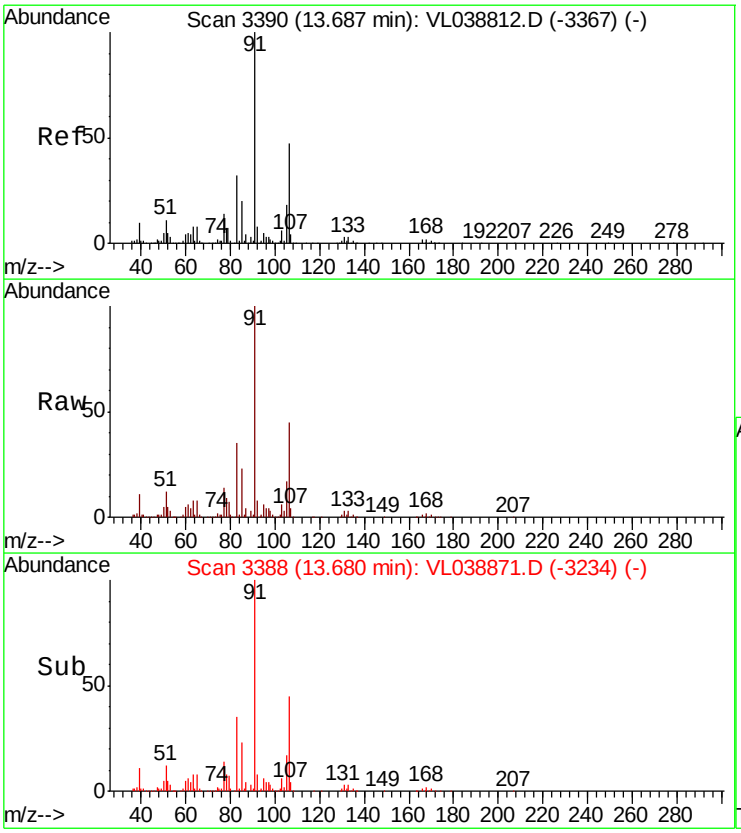
#59
m/p-Xylene
Concen: 7.480 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 91 Resp: 3640552

Ion	Ratio	Lower	Upper
91	100		
106	85.5	37.1	55.7#

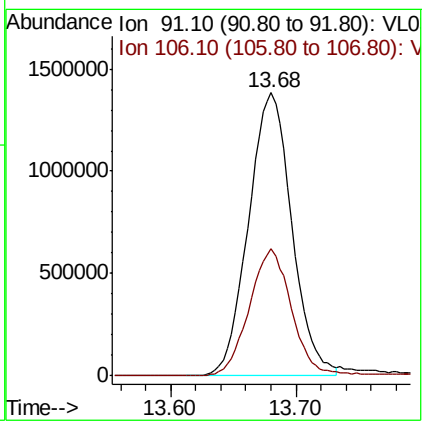


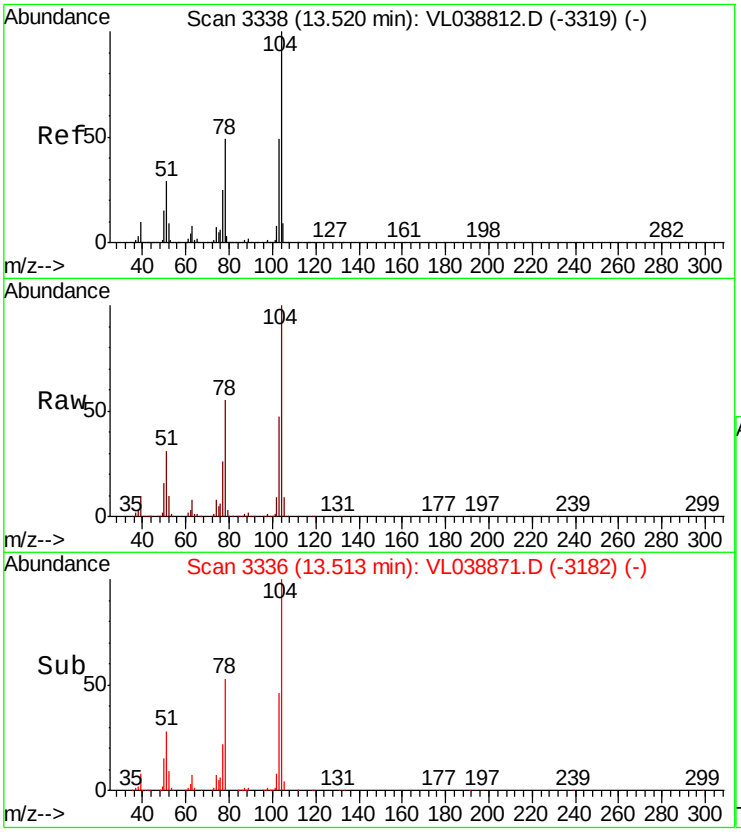


#60
o-Xylene
Concen: 7.278 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 91 Resp: 3314938

Ion	Ratio	Lower	Upper
91	100		
106	45.0	23.8	71.4



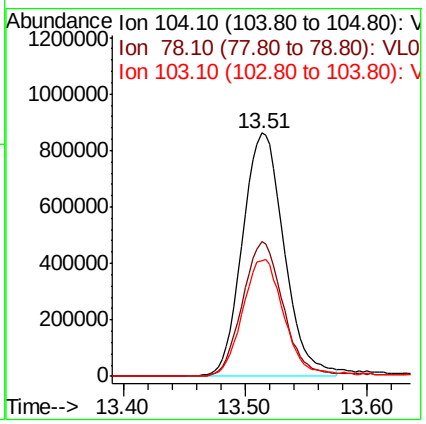


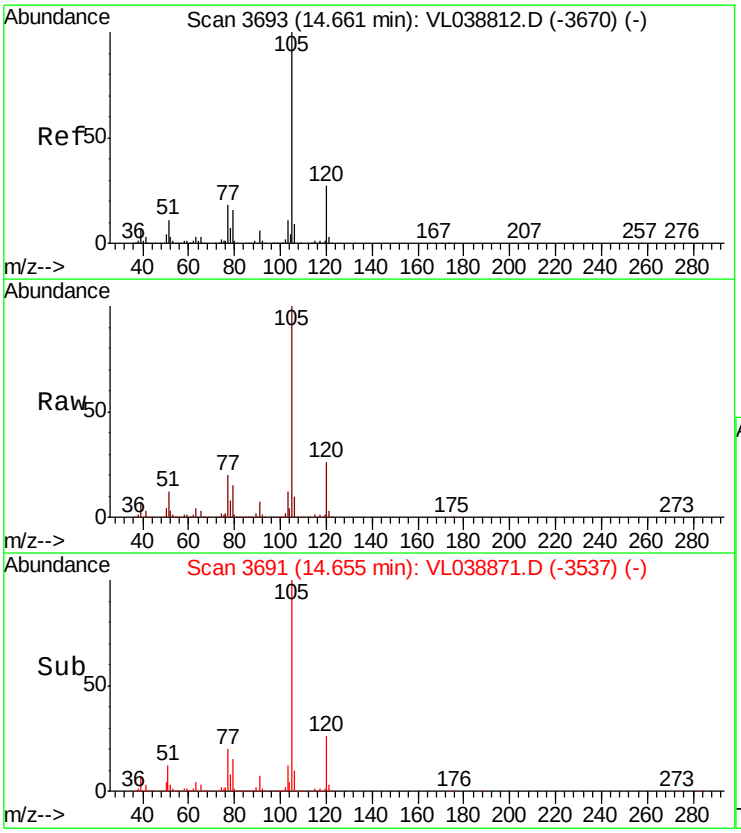
#61
Stvrene
Concen: 7.334 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:104 Resp: 2035077

Ion	Ratio	Lower	Upper
104	100		
78	54.7	40.5	60.7
103	48.8	39.0	58.4

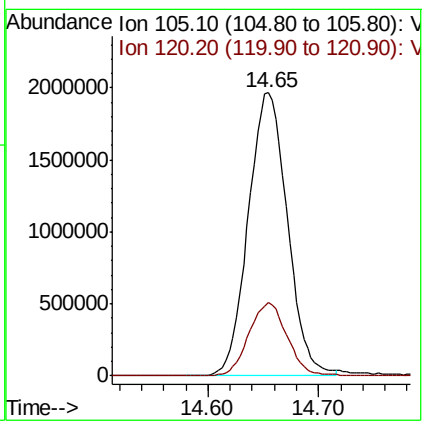


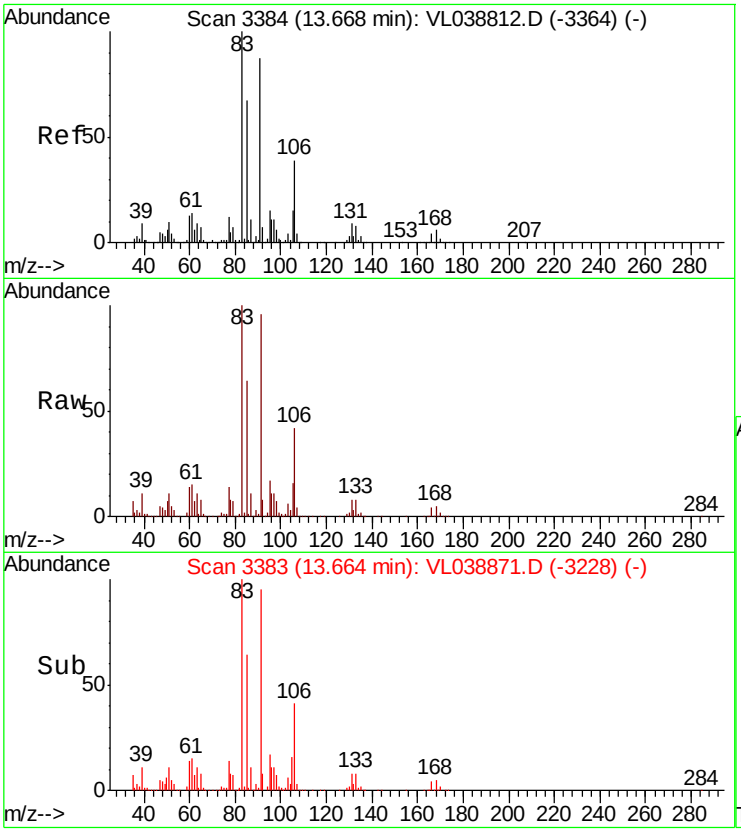


#62
Isopropylbenzene
Concen: 7.074 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:105 Resp: 4836242

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.8	32.8



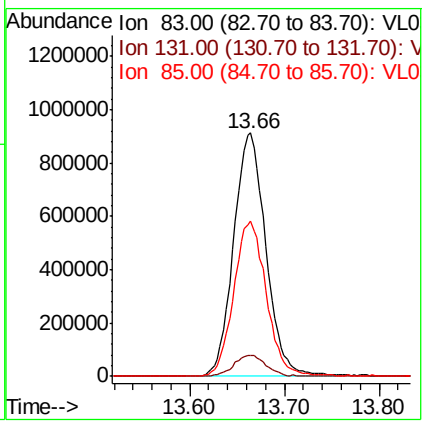


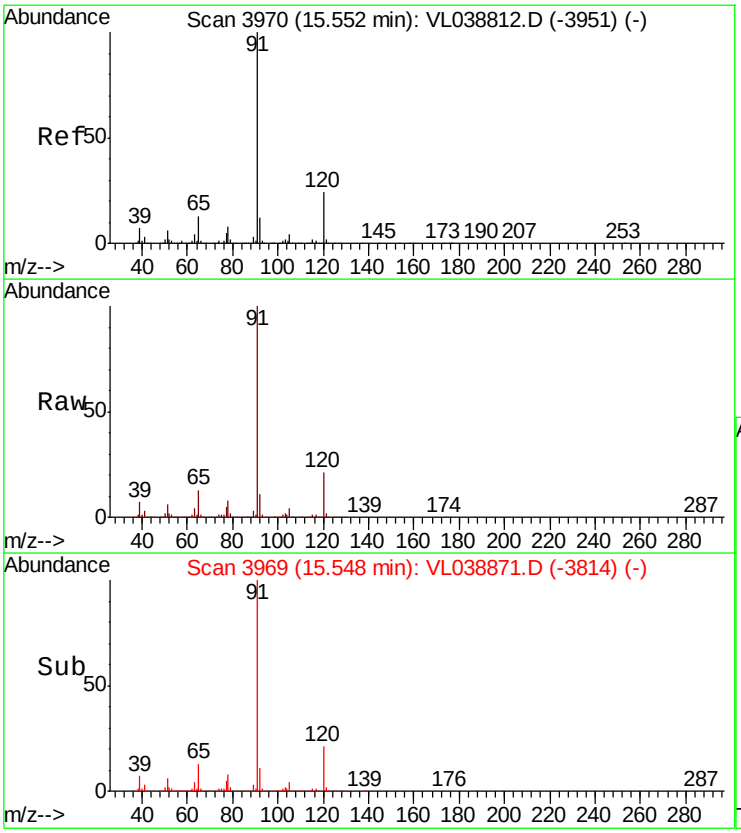
#63
1,1,2,2-Tetrachloroethane
Concen: 7.501 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 83 Resp: 2163641

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.6	13.8
85	65.0	33.0	99.0

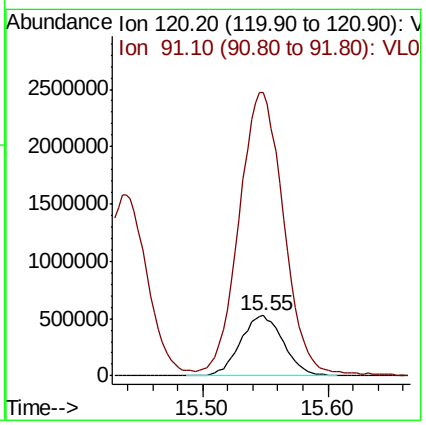


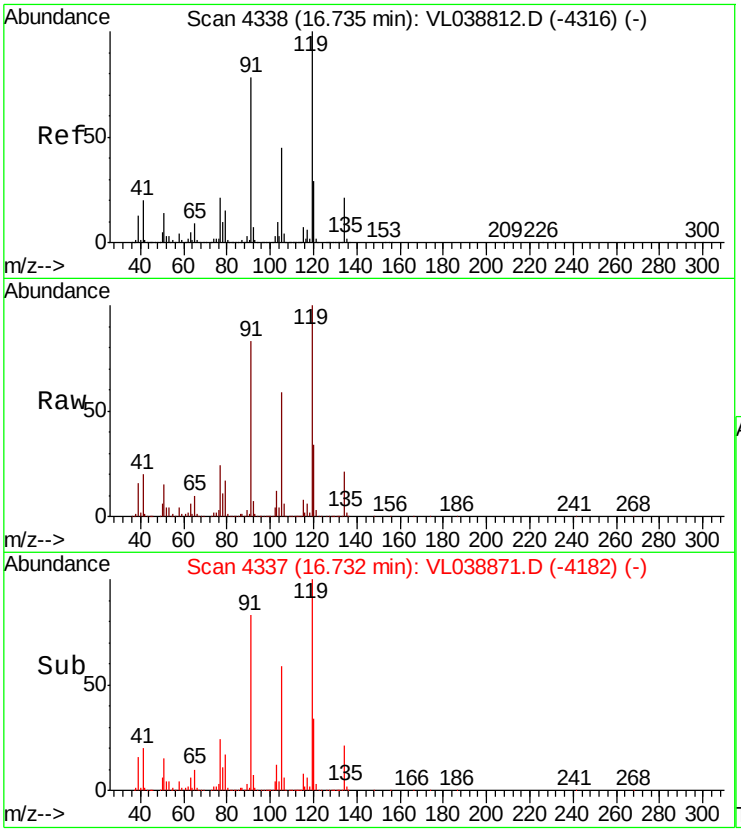


#64
n-propylbenzene
Concen: 7.078 ppbv
RT: 15.55 min Scan# 3969
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:120 Resp: 1256331

Ion	Ratio	Lower	Upper
120	100		
91	491.5	360.6	540.8



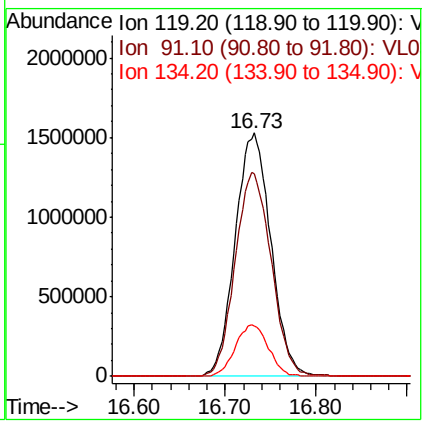


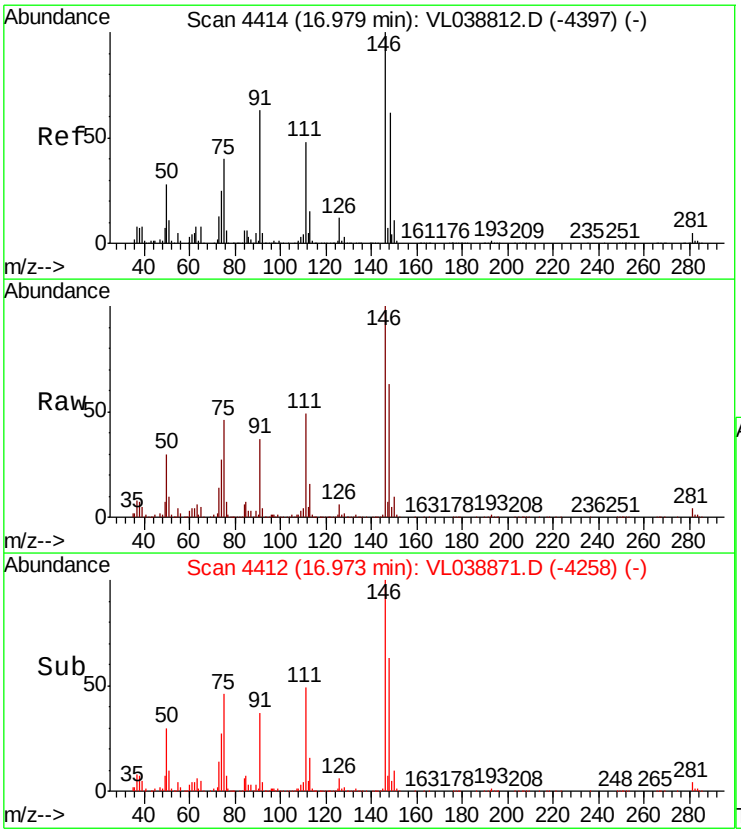
#65
tert-Butylbenzene
Concen: 6.854 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:119 Resp: 4157116

Ion	Ratio	Lower	Upper
119	100		
91	84.9	62.8	94.2
134	19.8	16.2	24.4

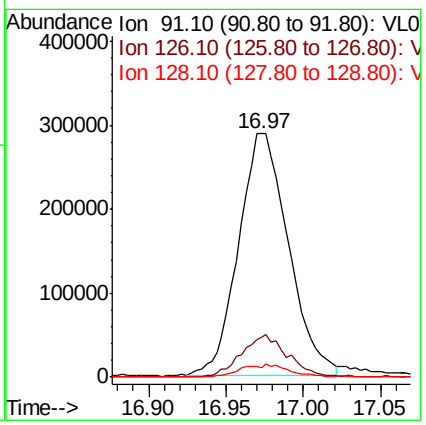


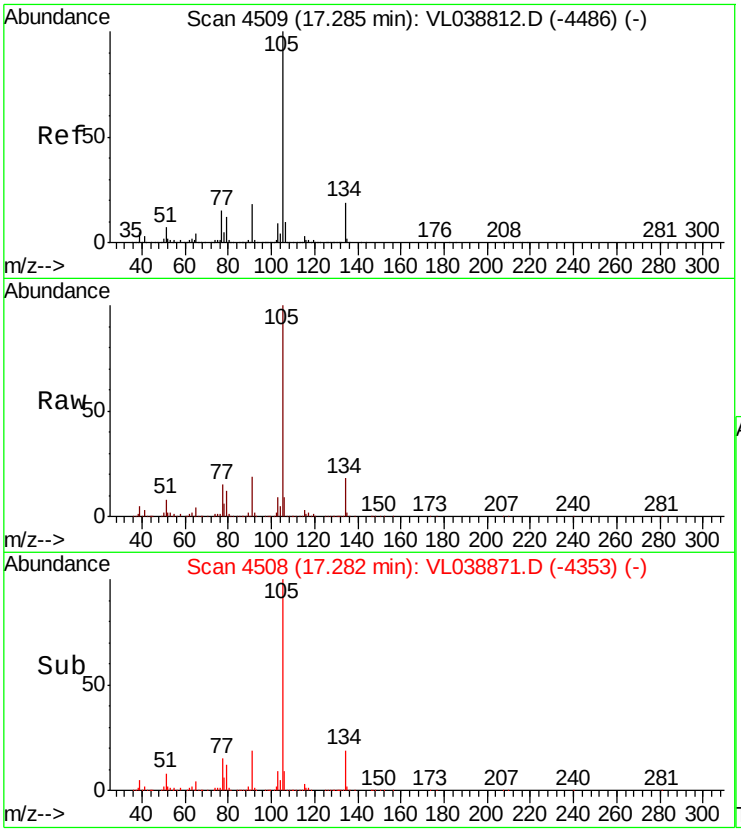


#66
Benzyl Chloride
Concen: 5.224 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 91 Resp: 645046

Ion	Ratio	Lower	Upper
91	100		
126	16.5	15.4	23.0
128	5.4	4.7	7.1



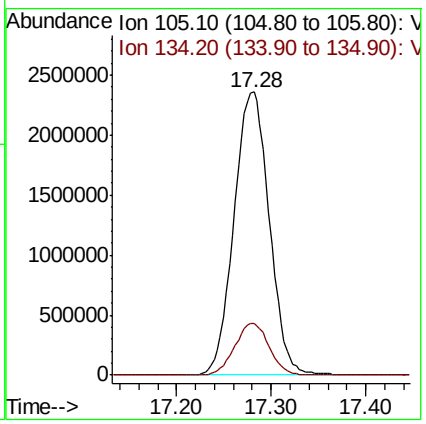


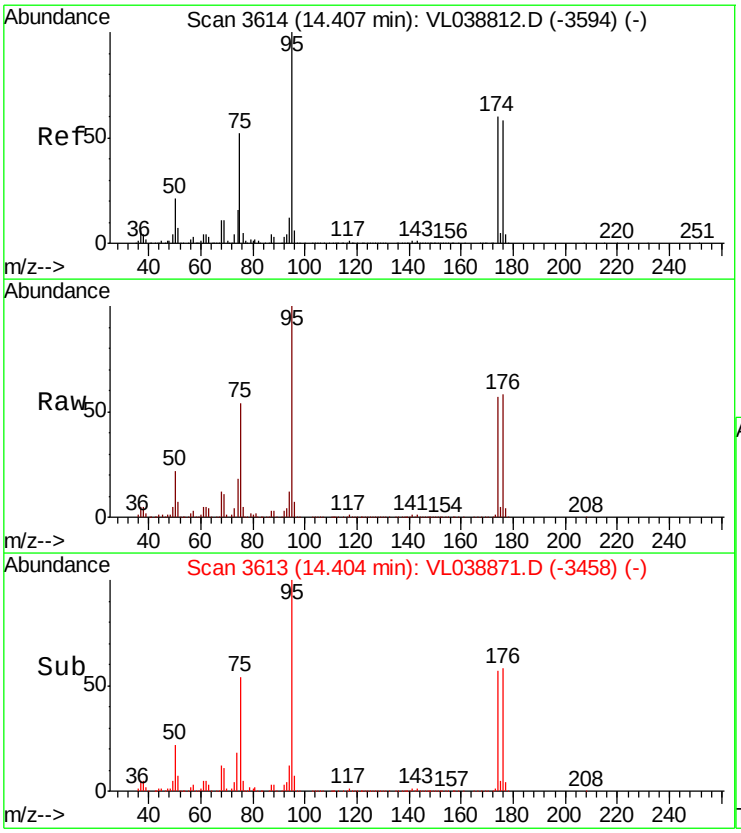
#67
sec-Butylbenzene
Concen: 7.172 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:105 Resp: 6104222

Ion	Ratio	Lower	Upper
105	100		
134	17.9	15.1	22.7

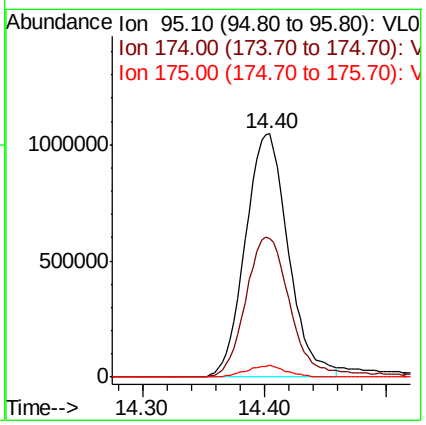


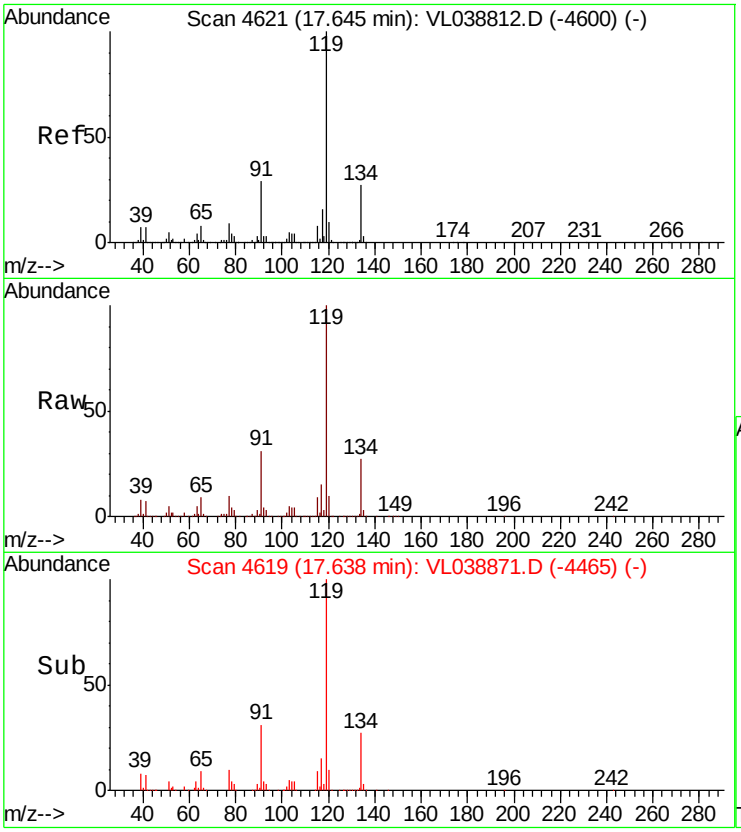


#68
1-Bromo-4-Fluorobenzene
Concen: 8.660 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 95 Resp: 2546901

Ion	Ratio	Lower	Upper
95	100		
174	61.6	52.0	78.0
175	4.4	4.0	6.0



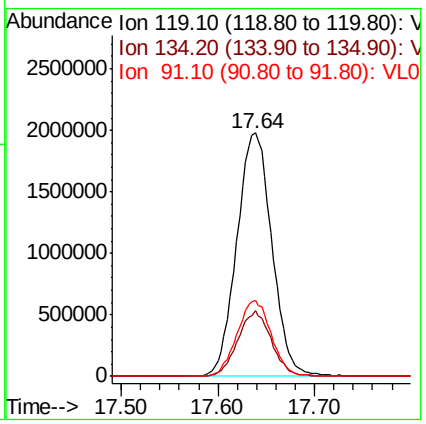


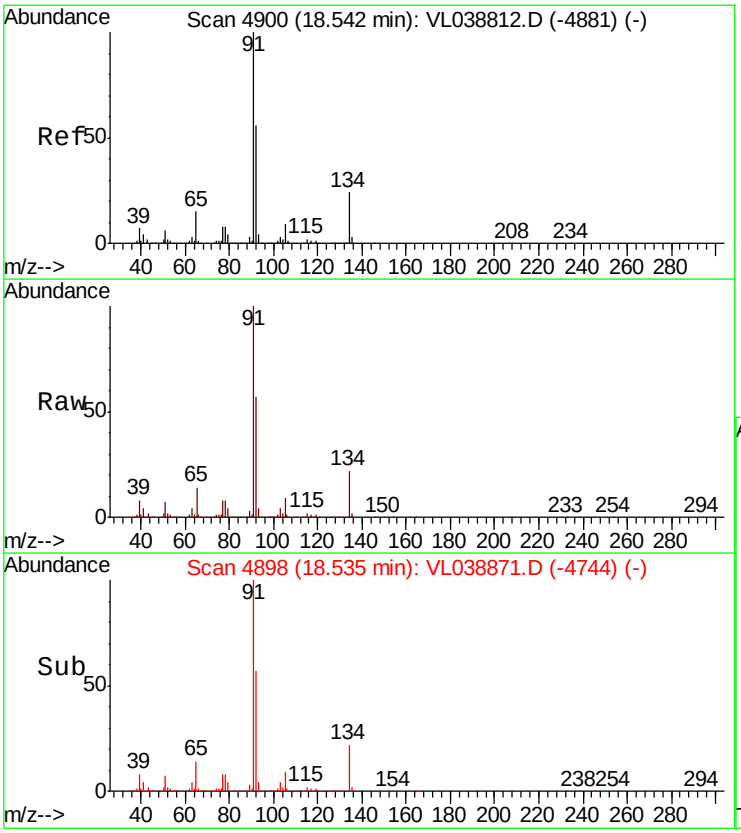
#69
p-Isopropyltoluene
Concen: 7.128 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:119 Resp: 4981340

Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.8	31.2
91	30.5	22.6	34.0

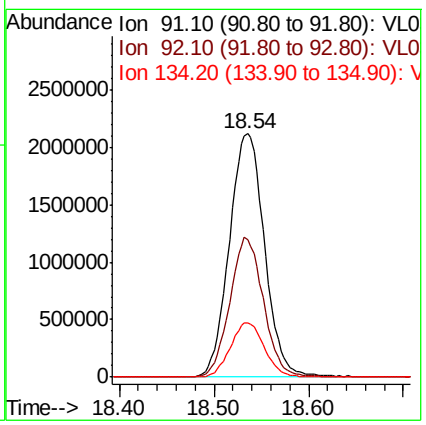


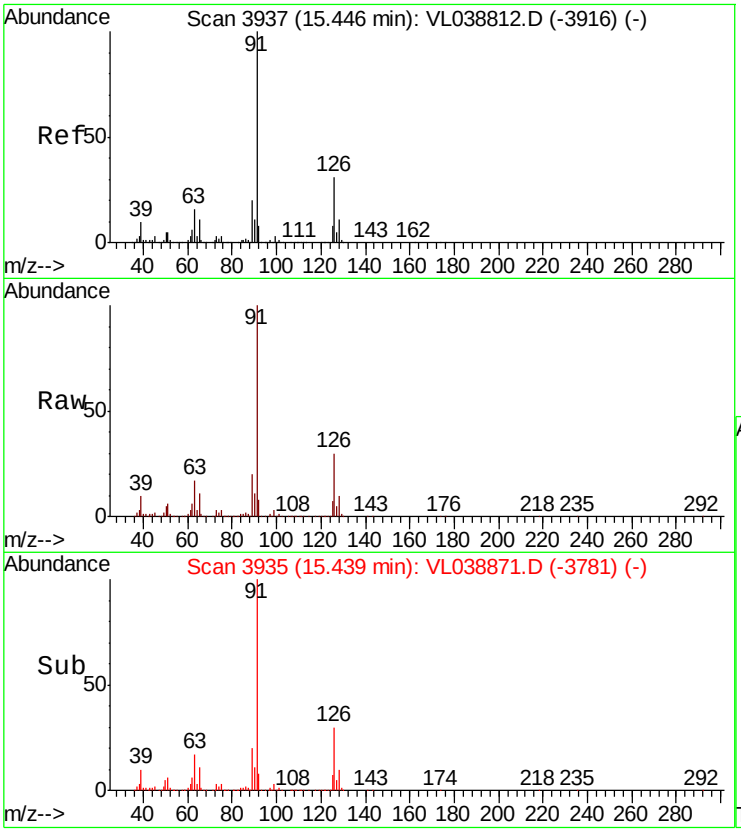


#70
n-Butylbenzene
Concen: 7.780 ppbv
RT: 18.54 min Scan# 4898
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion: 91 Resp: 5476911

Ion	Ratio	Lower	Upper
91	100		
92	55.1	44.6	66.8
134	21.9	19.2	28.8



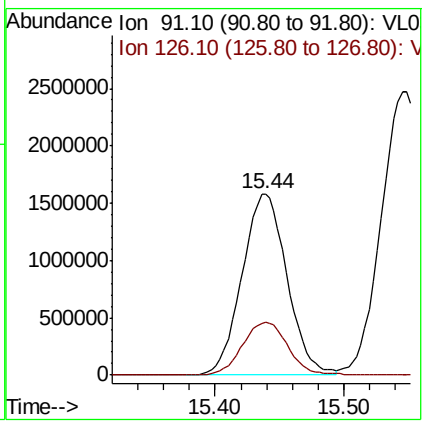


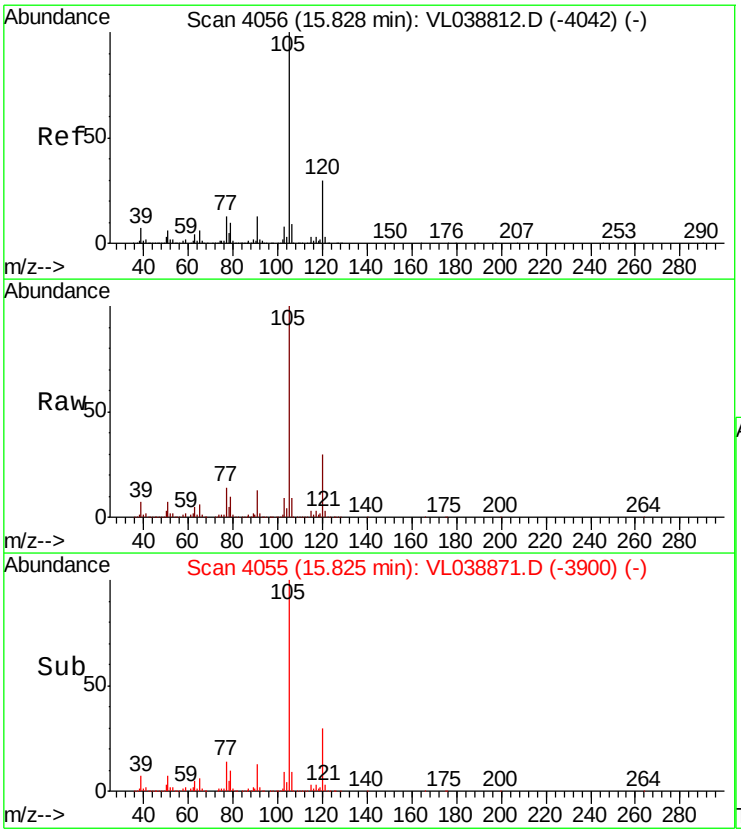
#71
2-Chlorotoluene
Concen: 7.458 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 91 Resp: 3833640

Ion	Ratio	Lower	Upper
91	100		
126	30.2	13.0	51.8

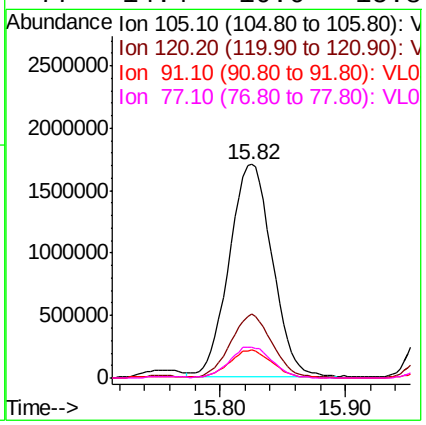


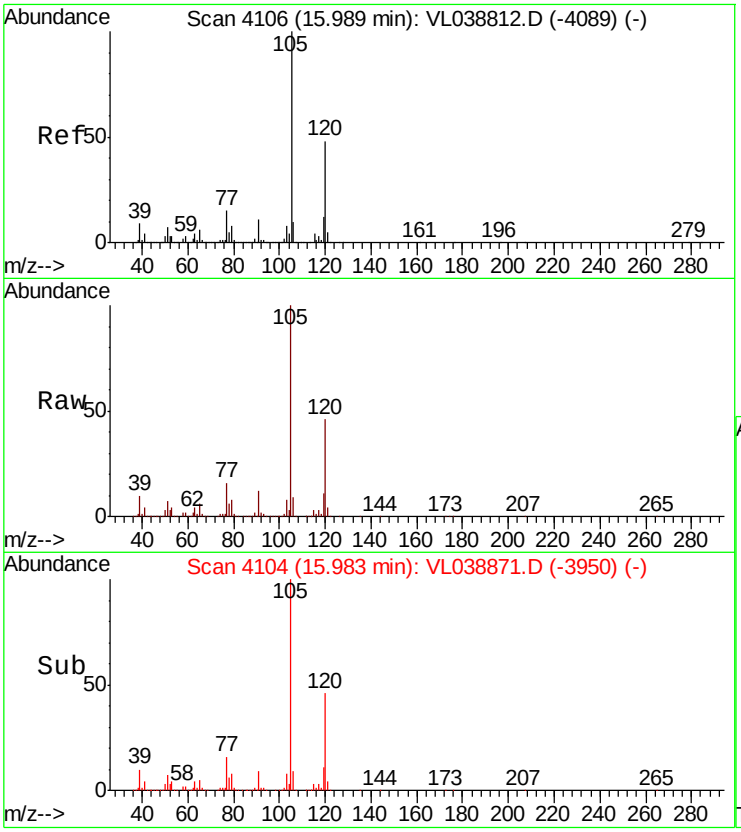


#72
4-Ethyltoluene
Concen: 7.478 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:105 Resp: 4066887

Ion	Ratio	Lower	Upper
105	100		
120	29.1	24.3	36.5
91	12.8	9.4	14.2
77	14.4	10.6	15.8



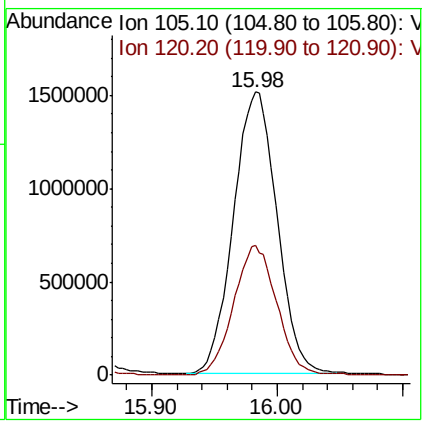


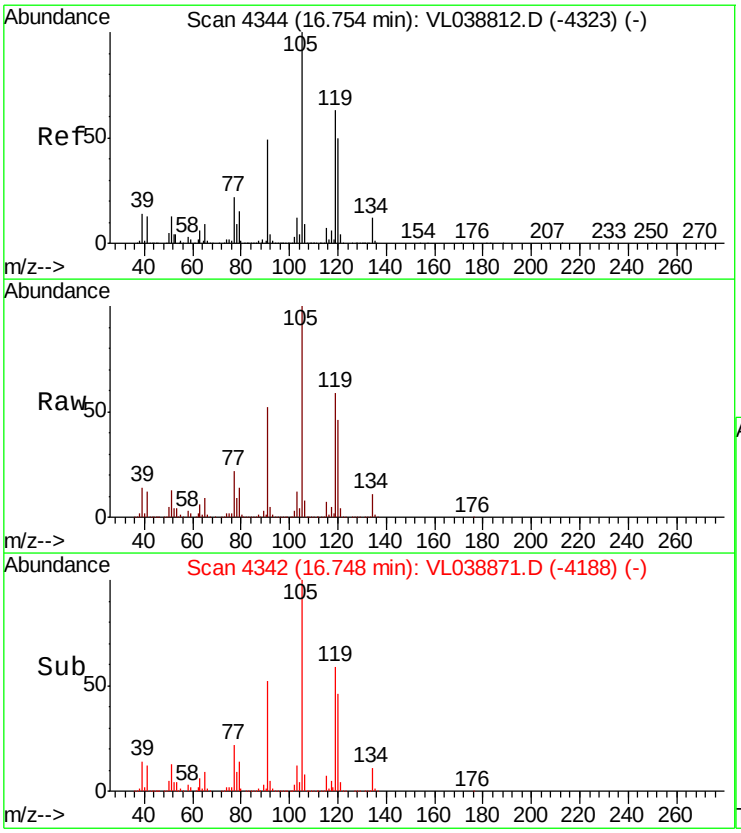
#73
1,3,5-Trimethylbenzene
Concen: 7.432 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:105 Resp: 3630846

Ion	Ratio	Lower	Upper
105	100		
120	45.6	38.7	58.1

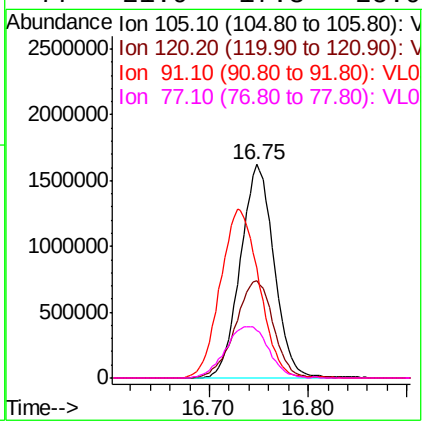


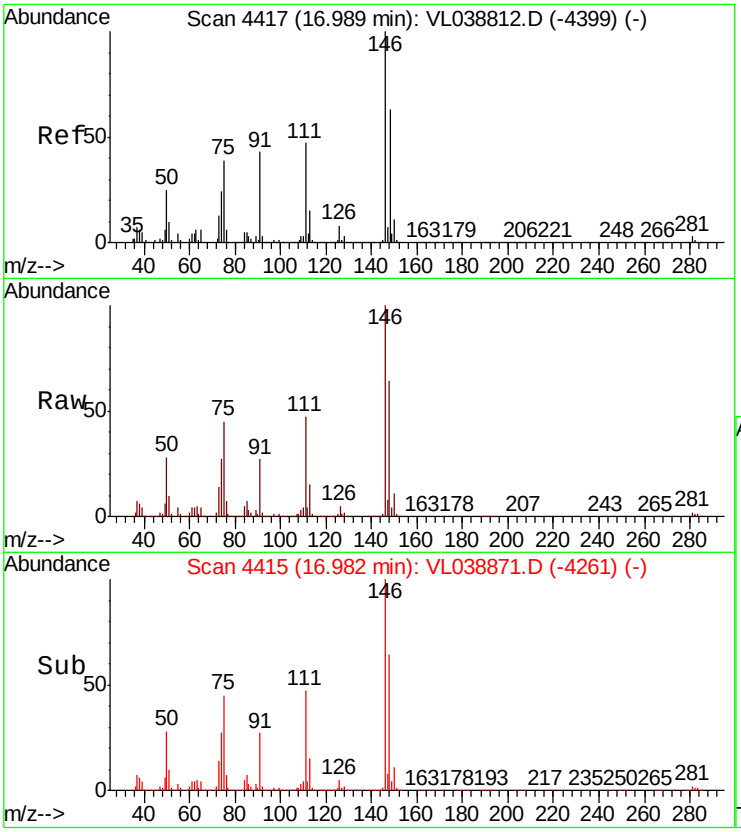


#74
1,2,4-Trimethylbenzene
Concen: 7.397 ppbv
RT: 16.75 min Scan# 4342
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:105 Resp: 3820293

Ion	Ratio	Lower	Upper
105	100		
120	45.7	39.8	59.8
91	51.5	39.4	59.0
77	21.9	17.3	25.9



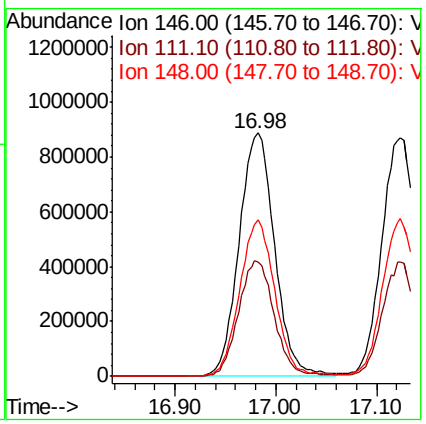


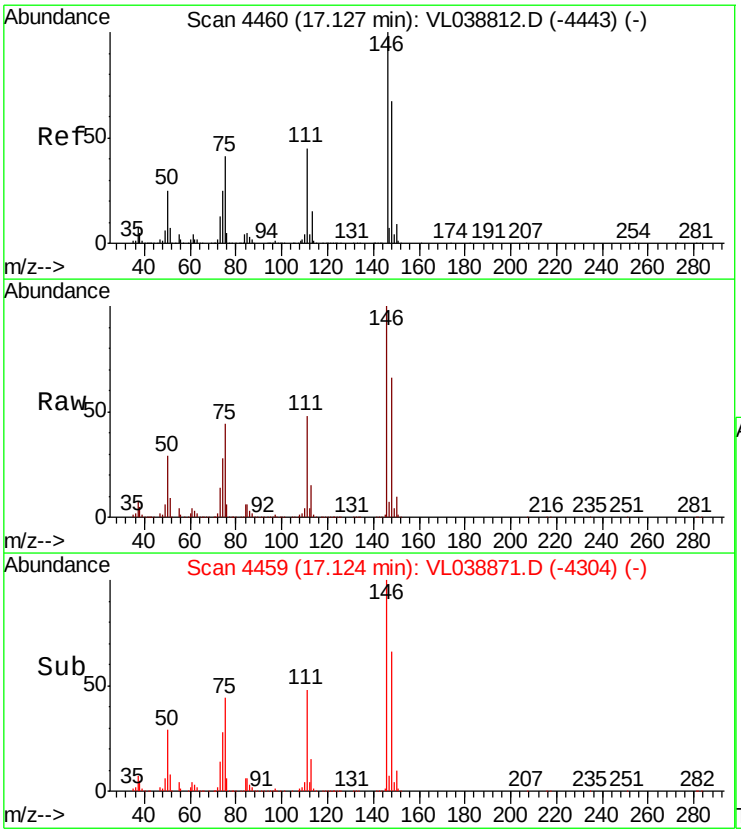
#75
1,3-Dichlorobenzene
Concen: 7.217 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:146 Resp: 2164008

Ion	Ratio	Lower	Upper
146	100		
111	47.8	23.8	71.2
148	63.7	31.8	95.4

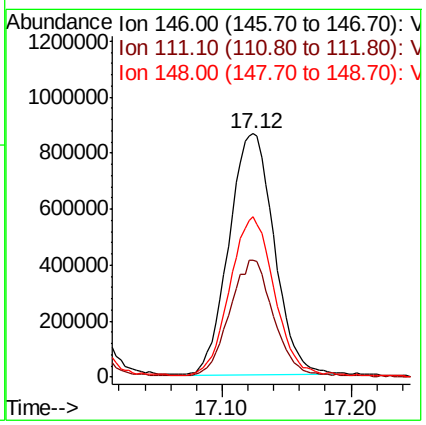


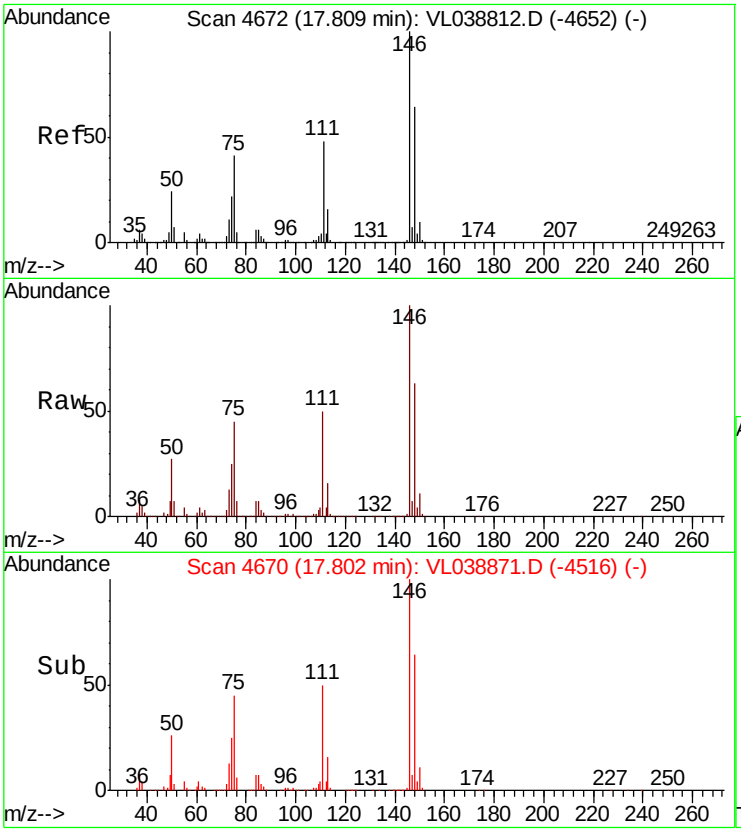


#76
1,4-Dichlorobenzene
Concen: 7.095 ppbv
RT: 17.12 min Scan# 4459
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:146 Resp: 2095804

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.6	70.8
148	67.2	33.6	100.6



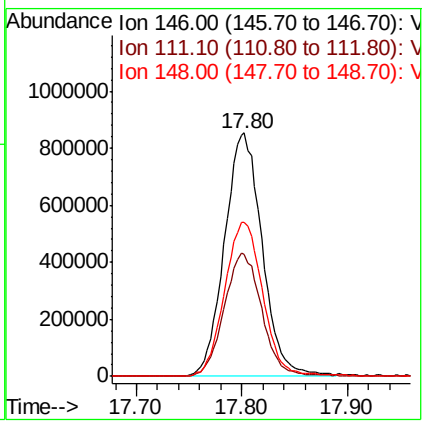


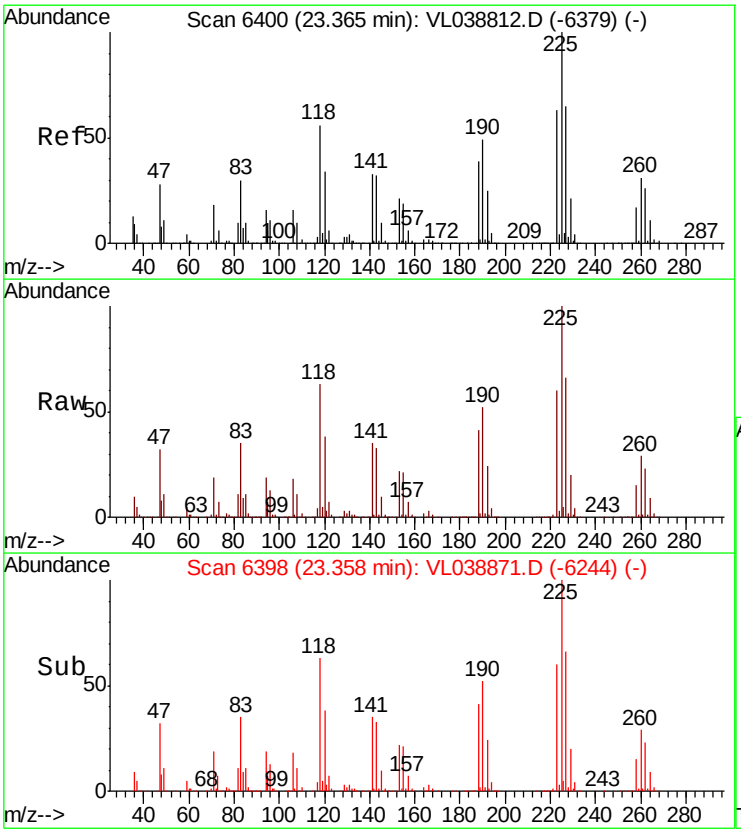
#77
1,2-Dichlorobenzene
Concen: 7.092 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:146 Resp: 2096207

Ion	Ratio	Lower	Upper
146	100		
111	50.7	24.8	74.3
148	64.6	31.9	95.7

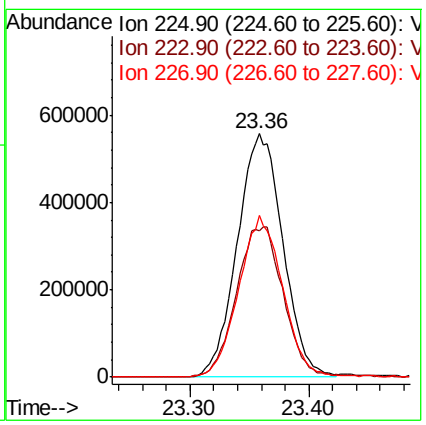


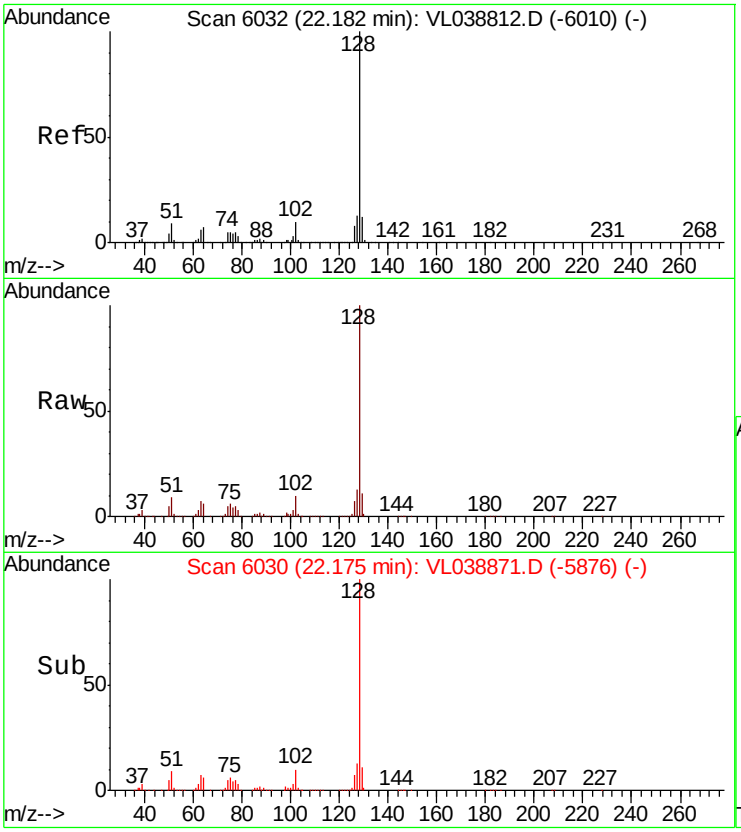


#78
Hexachloro-1,3-Butadiene
Concen: 6.305 ppbv
RT: 23.36 min Scan# 6398
Delta R.T. -0.01 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:225 Resp: 1472590

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.6	77.4
227	64.7	52.3	78.5



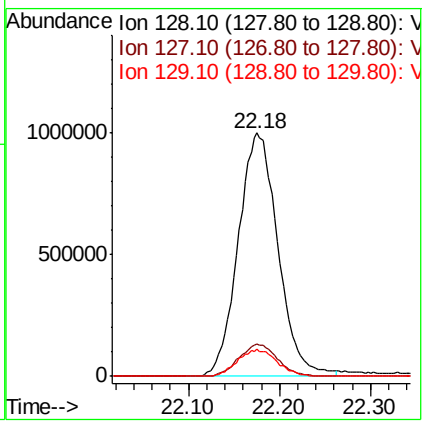


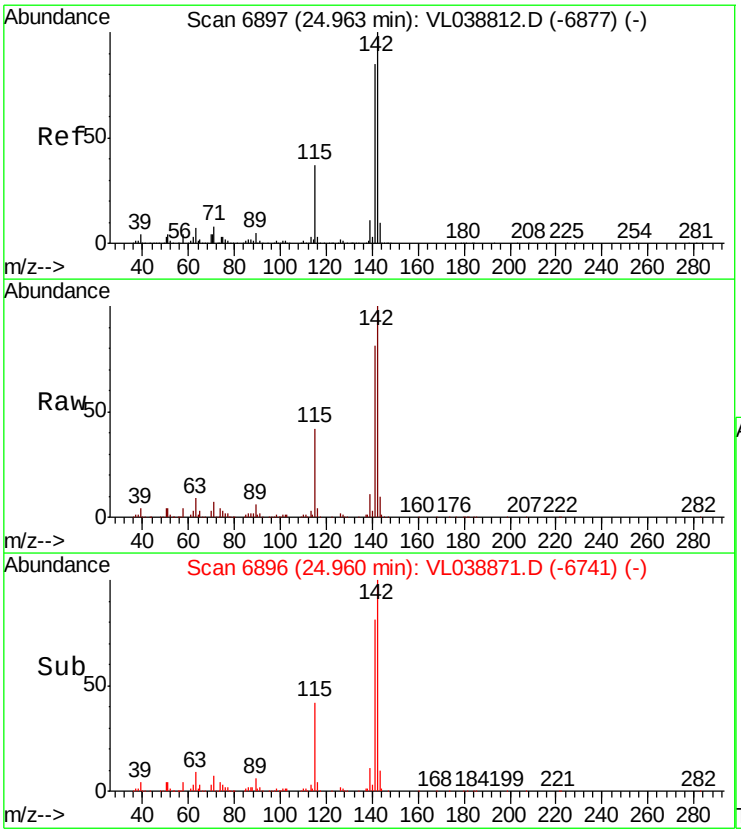
#79
Naphthalene
Concen: 7.866 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:128 Resp: 3038841

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.1	9.4	14.0

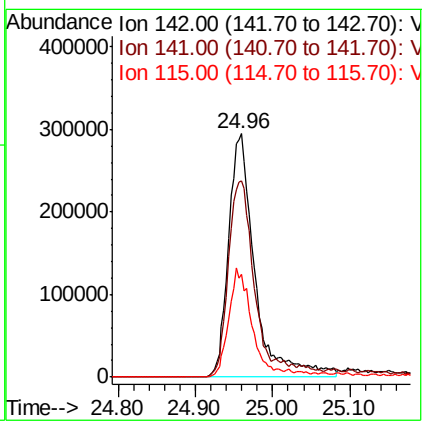


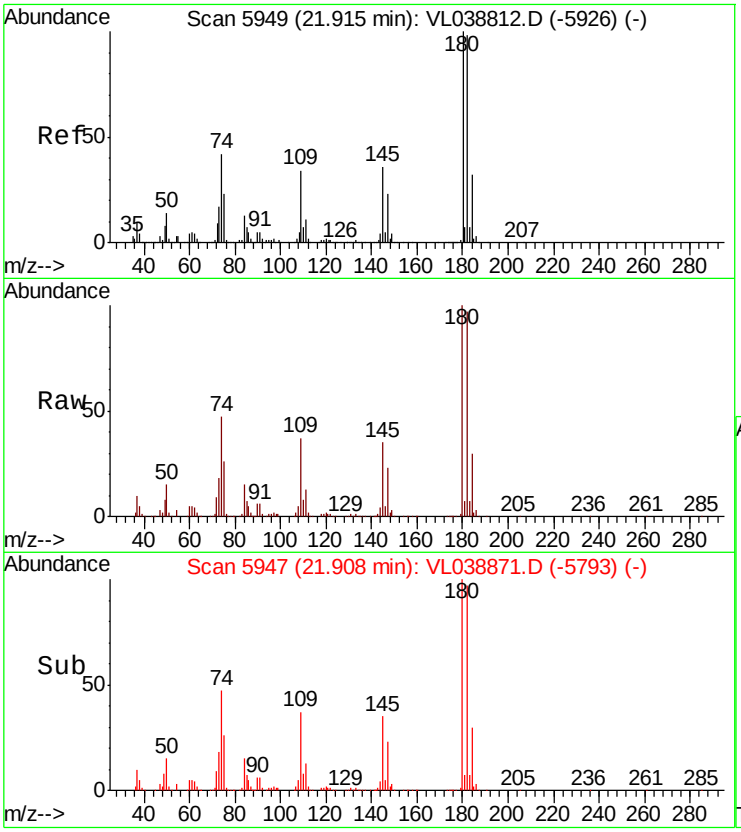


#80
Naphthalene,2-methyl-
Concen: 7.241 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.00 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:142 Resp: 689301

Ion	Ratio	Lower	Upper
142	100		
141	82.9	68.8	103.2
115	43.8	31.6	47.4





#81
1,2,4-Trichlorobenzene
Concen: 7.337 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 11 Apr 2022 13:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:180 Resp: 1658971

Ion	Ratio	Lower	Upper
180	100		
182	98.8	79.4	119.0
184	31.2	25.0	37.6