Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083122\
Data File : VL039603.D
Acq On : 31 Aug 2022 10:15
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Aug 31 23:43:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.21	49	1032214	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.67	114	2726824	10.00	ppbv	0.01
55) Chlorobenzene-d5	11.49	117	2518926	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.79	95	1845602	9.71	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.76	85	1136747	8.276	ppbv	98
3) Chlorodifluoromethane	2.70	51	1244295	10.118	ppbv	96
4) Chloromethane	2.84	50	755579	10.200	ppbv	99
5) Vinyl Chloride	2.95	62	660102	11.041	ppbv	96
6) Bromomethane	3.15	94	254956	10.055	ppbv	92
7) Chloroethane	3.23	64	238538	10.650	ppbv	96
8) Dichlorotetrafluoroethane	2.89	85	1513845	10.302	ppbv	96
9) Propene	2.72	41	604366	10.740	ppbv	99
10) Heptane	7.60	43	1433309	10.999	ppbv	99
11) Trichlorofluoromethane	3.59	101	1495443	9.920	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.10	101	1155371	10.362	ppbv	97
13) Ethanol	3.28	45	29541	7.305	ppbv	96
14) Bromoethene	3.39	108	490237	10.760	ppbv	99
15) Acetone	3.49	43	1155263	9.991	ppbv	99
16) 1,3-Butadiene	3.01	39	649369	10.763	ppbv	98
17) tert-Butyl alcohol	3.90	59	1037995	10.519	ppbv	99
18) 1,1-Dichloroethene	3.91	96	511965	10.194	ppbv	93
19) Isopropyl Alcohol	3.60	45	610566	10.855	ppbv #	97
20) Methylene Chloride	3.96	84	445768	9.489	ppbv	92
21) Allyl Chloride	4.02	41	802912	10.675	ppbv	97
22) trans-1,2-Dichloroethene	4.47	96	518672	10.384	ppbv	96
23) Vinyl Acetate	4.65	43	581638	10.579	ppbv	99
24) 1,1-Dichloroethane	4.59	63	1057362	10.390	ppbv	100
25) Ethyl Acetate	5.23	43	2571658	10.395	ppbv	99
26) Hexane	5.23	57	1072787	10.624	ppbv	96
27) Carbon Disulfide	4.15	76	1254832	11.633	ppbv	100
28) Methyl tert-Butyl Ether	4.61	73	913839	10.491	ppbv	99
29) Chloroform	5.30	83	1607309	10.178	ppbv	96
30) Cyclohexane	6.62	84	896418	10.721	ppbv	95
31) cis-1,2-Dichloroethene	5.10	61	1060782	10.846	ppbv	99
32) 1,1,1-Trichloroethane	6.03	97	1539904	11.084	ppbv	99
34) 2-Butanone	4.81	43	1502151	11.081	ppbv	99
35) Carbon Tetrachloride	6.52	117	1633190	11.080	ppbv	98
36) Benzene	6.39	78	2246803	10.809	ppbv	98
37) 1,2-Dichloroethane	5.83	62	1202222	10.500	ppbv	98
38) Trichloroethene	7.31	130	1233884	11.079	ppbv	97
39) 1,2-Dichloropropane	7.09	63	861819	11.028	ppbv	93
40) 1,4-Dioxane	7.31	88	315596	10.315	ppbv	82
41) Tetrahydrofuran	5.58	42	942382	11.637	ppbv	96
42) Bromodichloromethane	7.27	83	1742827	11.124	ppbv	100
43) Methyl Methacrylate	7.50	69	889245	11.864	ppbv	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083122\
Data File : VL039603.D
Acq On : 31 Aug 2022 10:15
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Aug 31 23:43:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.35	57	3770918	10.762	ppbv		99
45) t-1,3-Dichloropropene	8.73	75	859251	13.163	ppbv		99
46) cis-1,3-Dichloropropene	8.16	75	1156592	12.792	ppbv		96
47) 1,1,2-Trichloroethane	8.92	97	920656	10.315	ppbv		99
48) Dibromochloromethane	9.73	129	1541932	11.720	ppbv		99
49) Bromoform	12.42	173	1308248	12.005	ppbv		99
50) 4-Methyl-2-Pentanone	8.20	43	2388988	11.312	ppbv		99
51) 2-Hexanone	9.57	43	1849424	11.898	ppbv		100
52) Tetrachloroethene	10.63	164	874401	11.119	ppbv		96
53) Toluene	9.24	91	2670217	11.478	ppbv		99
54) 1,2-Dibromoethane	10.03	107	1116310	11.183	ppbv		100
56) 1,1,1,2-Tetrachloroethane	11.53	131	1114963	10.894	ppbv		97
57) Chlorobenzene	11.55	112	2013983	10.717	ppbv		98
58) Ethyl Benzene	12.10	91	3469835	11.989	ppbv		99
59) m/p-Xylene	12.39	91	2721927	10.484	ppbv	#	16
60) o-Xylene	13.08	91	2795521	11.217	ppbv		98
61) Styrene	12.92	104	1735808	13.077	ppbv		98
62) Isopropylbenzene	14.05	105	4111699	10.910	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.06	83	1169217	9.907	ppbv		99
64) n-propylbenzene	14.93	120	1067651	10.900	ppbv		94
65) tert-Butylbenzene	16.11	119	3684778	10.999	ppbv		100
66) Benzyl Chloride	16.35	91	364327	13.388	ppbv		98
67) sec-Butylbenzene	16.66	105	5164697	10.885	ppbv		99
69) p-Isopropyltoluene	17.01	119	4335872	11.008	ppbv		99
70) n-Butylbenzene	17.91	91	4323498	11.033	ppbv		99
71) 2-Chlorotoluene	14.82	91	3051614	11.180	ppbv		100
72) 4-Ethyltoluene	15.21	105	3358340	11.524	ppbv		99
73) 1,3,5-Trimethylbenzene	15.37	105	2970144	11.153	ppbv		99
74) 1,2,4-Trimethylbenzene	16.13	105	3233669	10.897	ppbv		99
75) 1,3-Dichlorobenzene	16.35	146	1990362	11.032	ppbv		100
76) 1,4-Dichlorobenzene	16.49	146	1906250	10.605	ppbv		100
77) 1,2-Dichlorobenzene	17.16	146	1888399	10.689	ppbv		99
78) Hexachloro-1,3-Butadiene	22.65	225	1386807	9.857	ppbv		99
79) Naphthalene	21.40	128	2826716	13.376	ppbv		99
80) Naphthalene,2-methyl-	24.39	142	1266352	14.765	ppbv		99
81) 1,2,4-Trichlorobenzene	21.16	180	1594681	11.300	ppbv		99

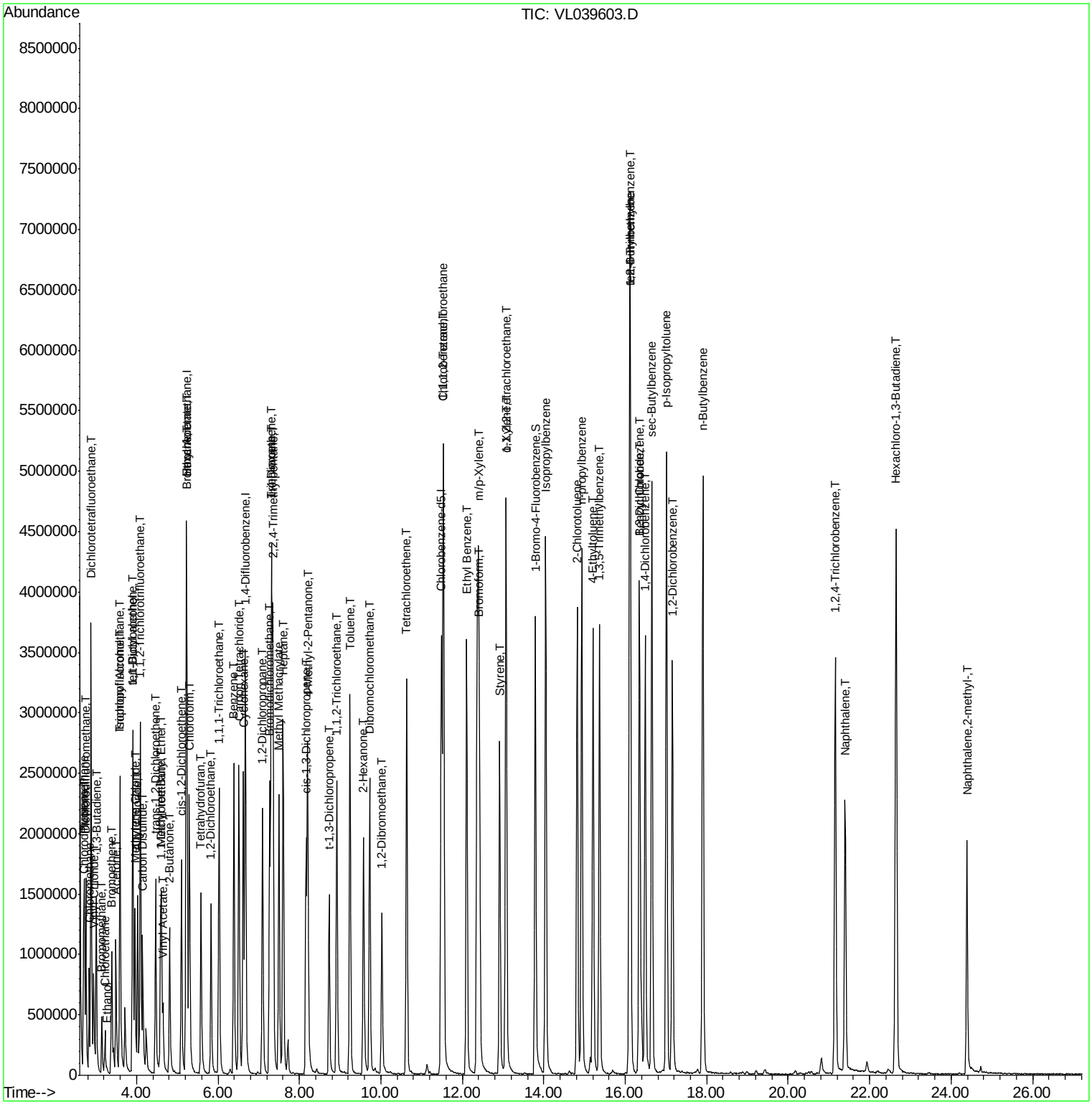
(#) = qualifier out of range (m) = manual integration (+) = signals summed

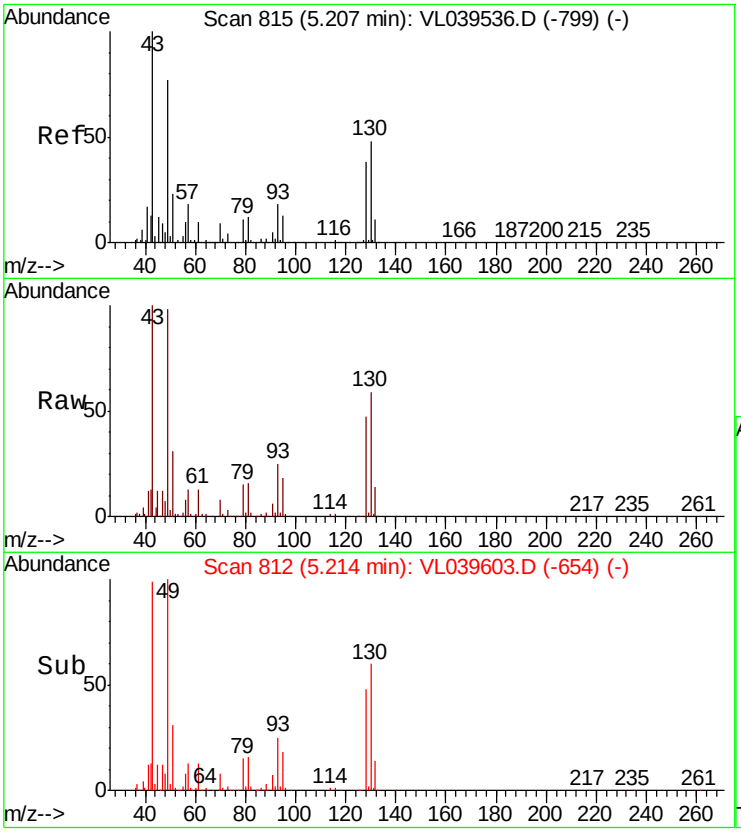
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083122\
Data File : VL039603.D
Acq On : 31 Aug 2022 10:15
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Aug 31 23:43:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration



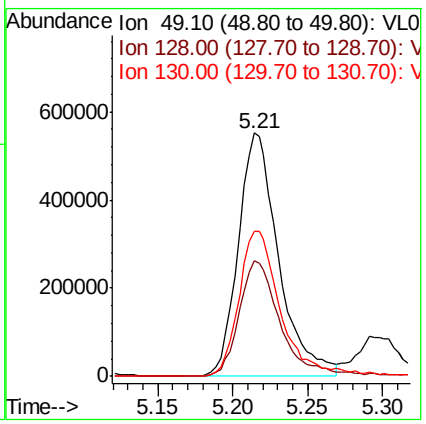


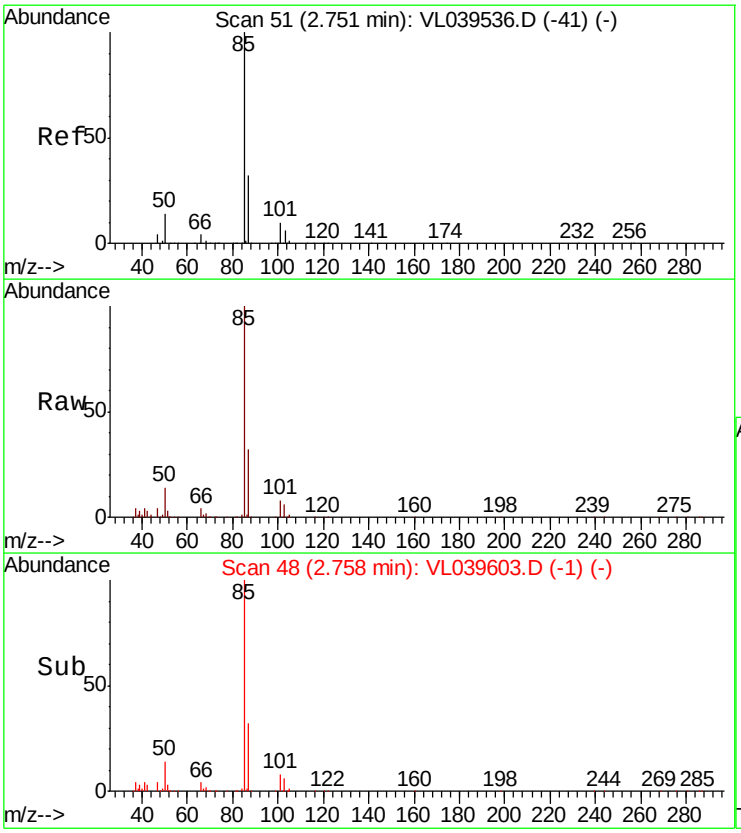
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.21
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1032214

Ion	Ratio	Lower	Upper
49	100		
128	49.6	26.7	80.0
130	63.6	34.3	102.8

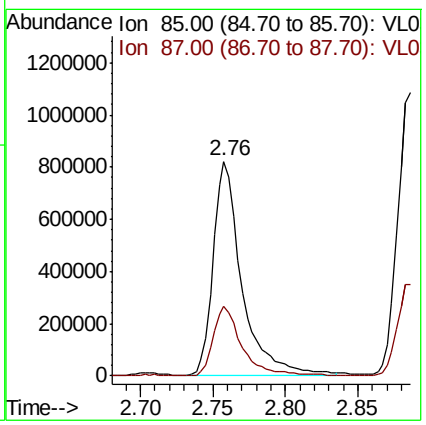


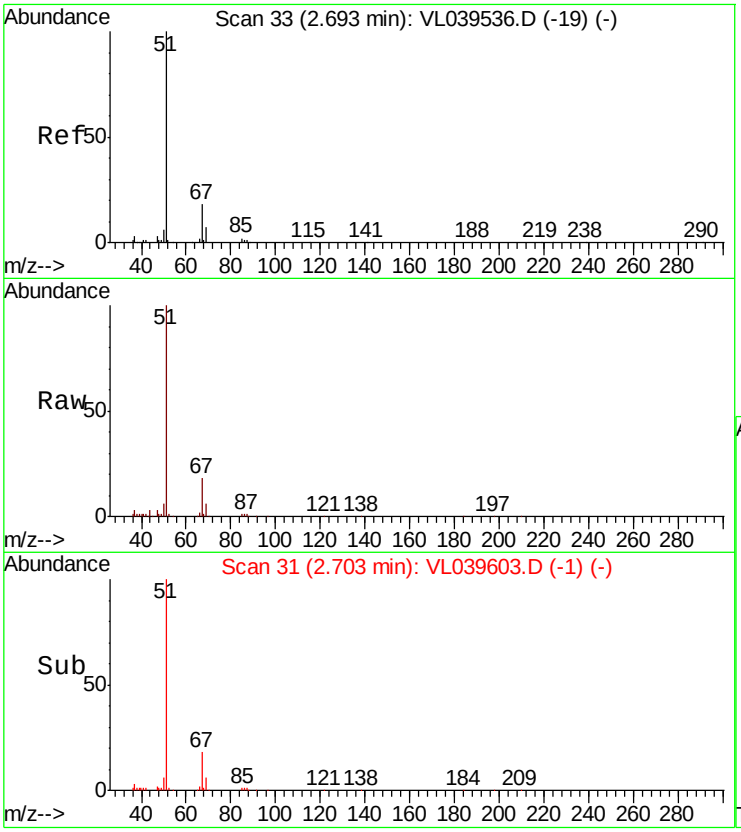


#2
Dichlorodifluoromethane
Concen: 8.276 ppbv
RT: 2.76 min Scan# 48
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 85 Resp: 1136747

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.7	40.1



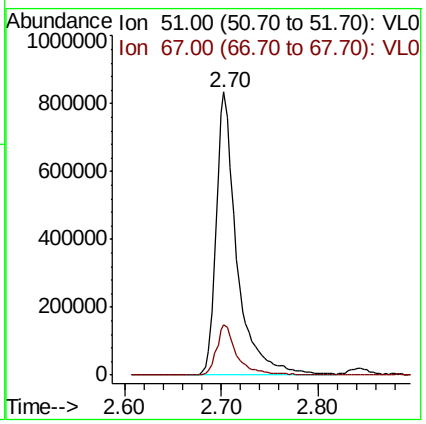


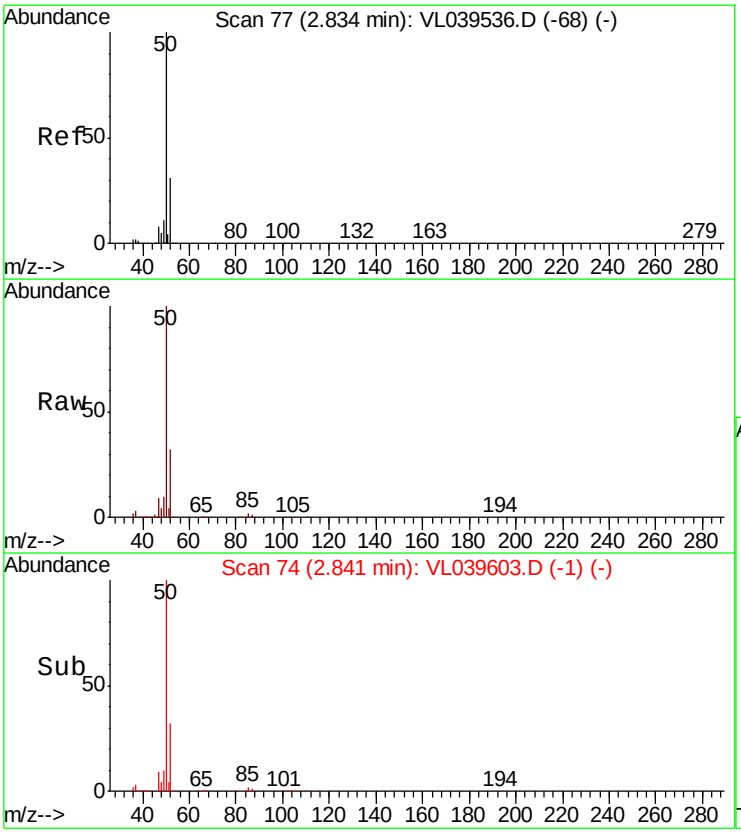
#3
Chlorodifluoromethane
Concen: 10.118 ppbv
RT: 2.70
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1244295

Ion	Ratio	Lower	Upper
51	100		
67	17.9	15.7	23.5

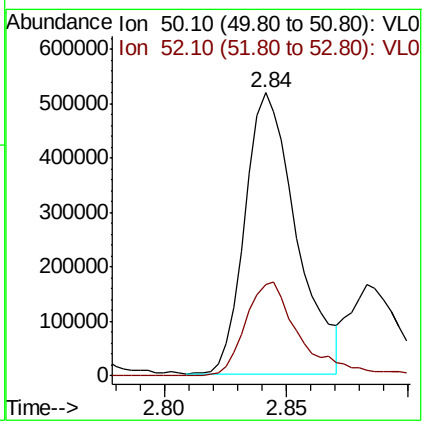


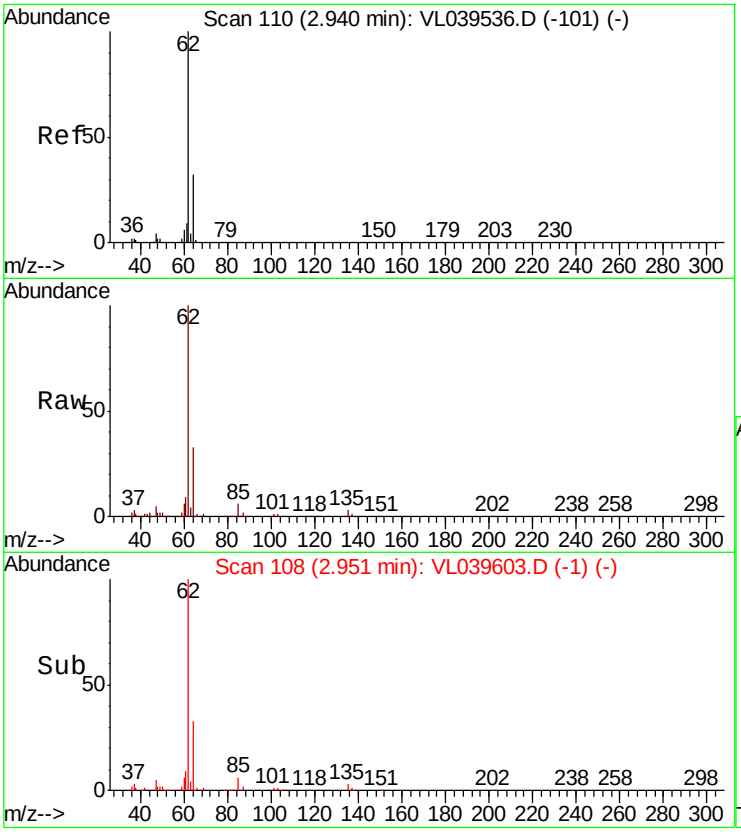


#4
Chloromethane
Concen: 10.200 ppbv
RT: 2.84 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 50 Resp: 755579

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.5	39.7



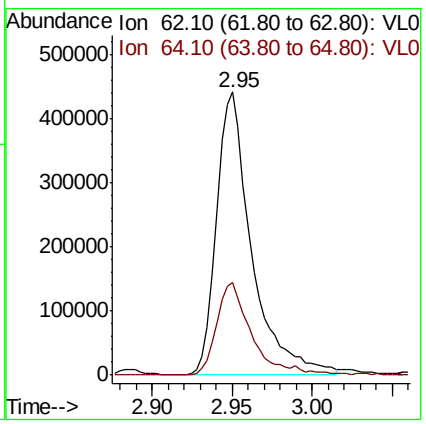


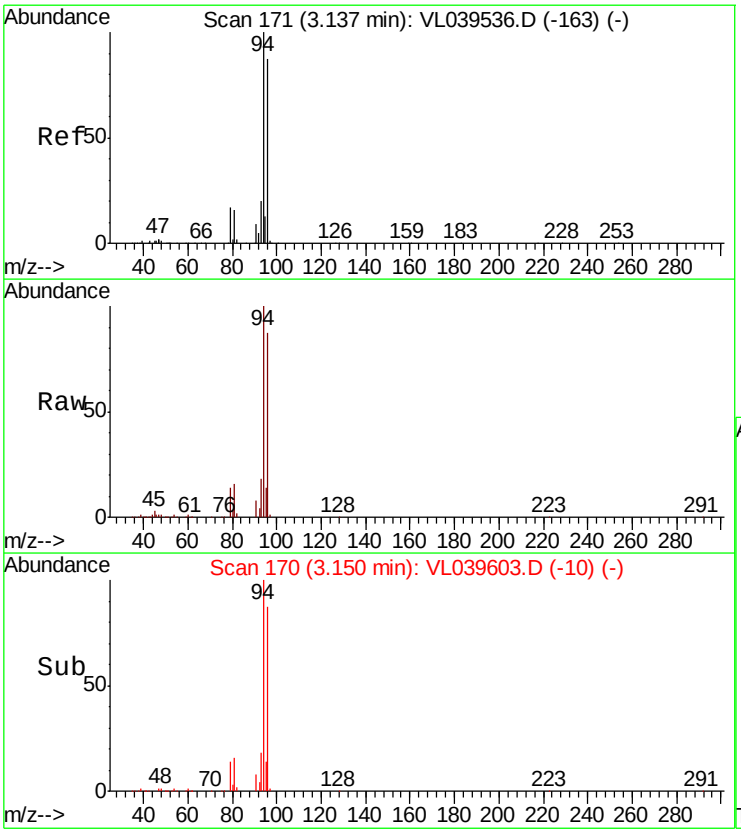
#5
Vinyl Chloride
Concen: 11.041 ppbv
RT: 2.95
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 660102

Ion	Ratio	Lower	Upper
62	100		
64	32.6	24.6	36.8

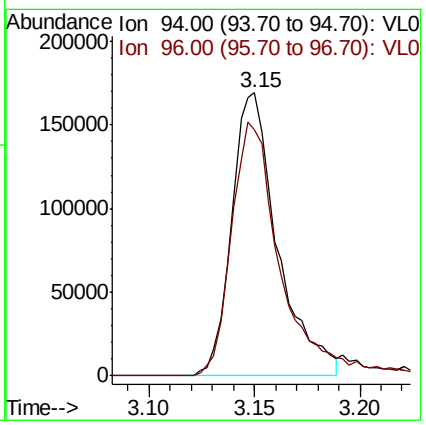


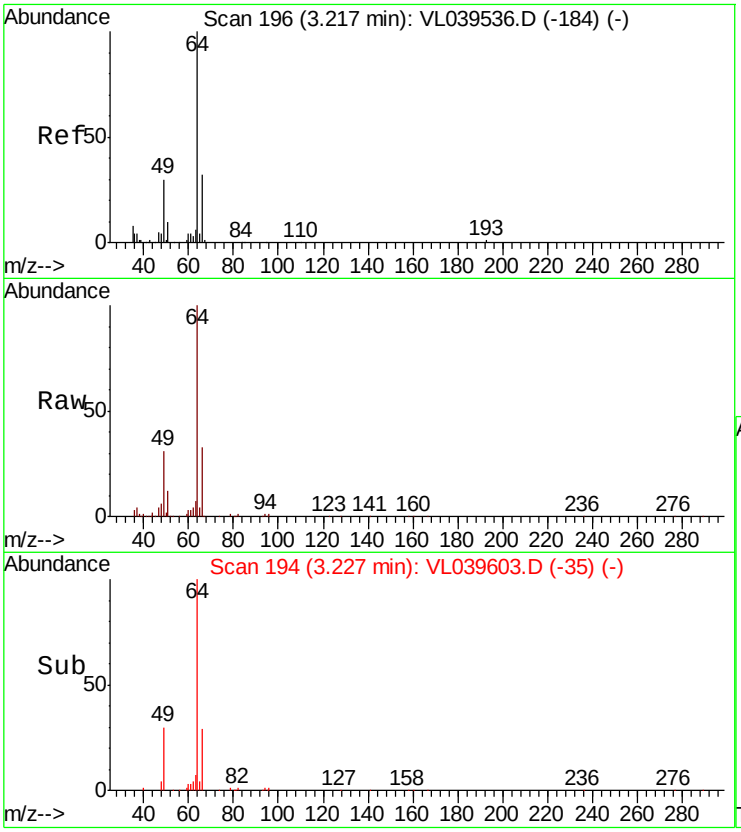


#6
Bromomethane
Concen: 10.055 ppbv
RT: 3.15 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 94 Resp: 254956

Ion	Ratio	Lower	Upper
94	100		
96	87.1	75.6	113.4



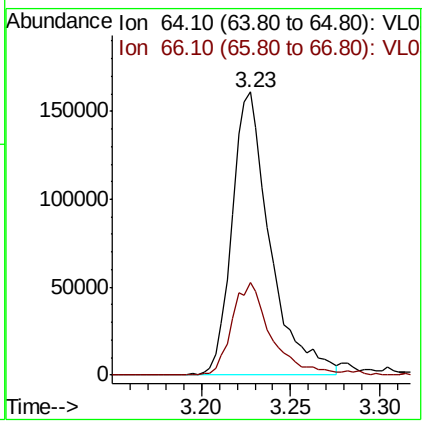


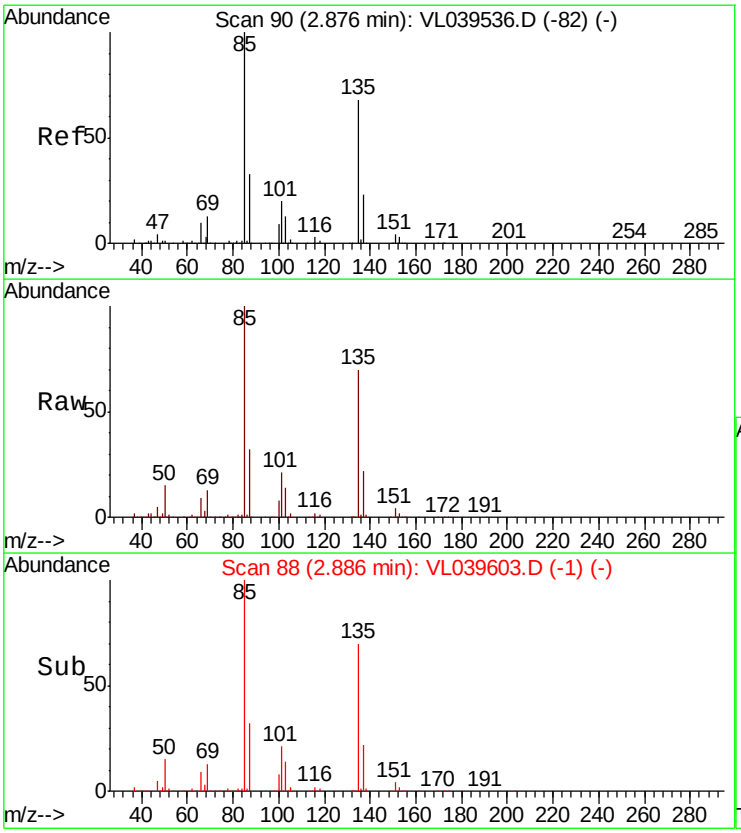
#7
Chloroethane
Concen: 10.650 ppbv
RT: 3.23
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 238538

Ion	Ratio	Lower	Upper
64	100		
66	32.9	24.7	37.1

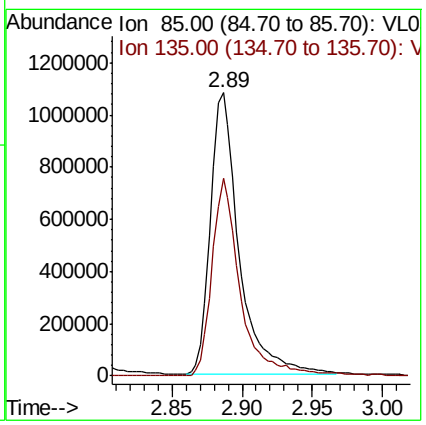


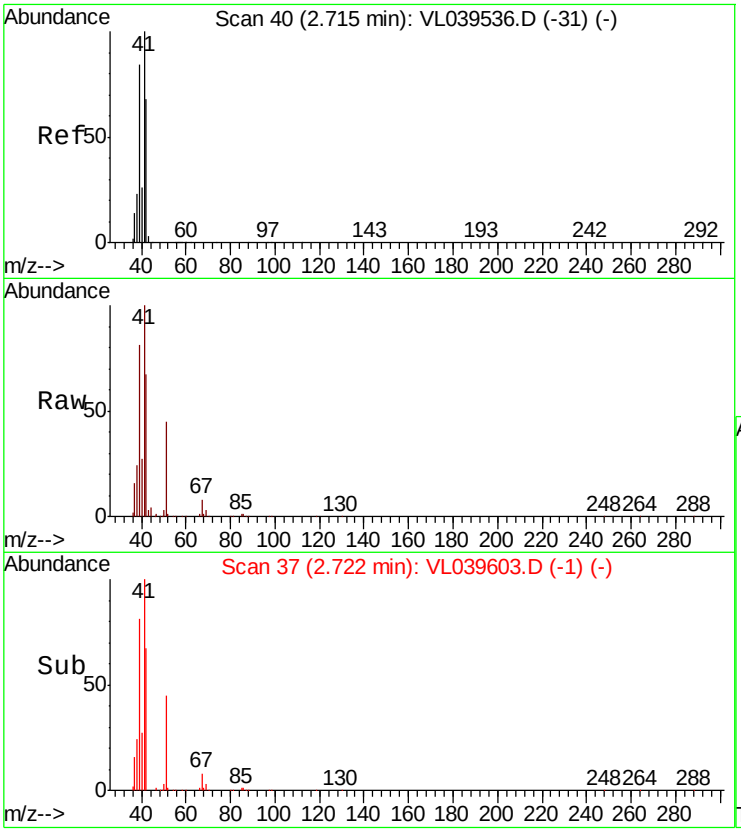


#8
Dichlorotetrafluoroethane
Concen: 10.302 ppbv
RT: 2.89 min Scan# 88
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 85 Resp: 1513845

Ion	Ratio	Lower	Upper
85	100		
135	70.7	59.0	88.4



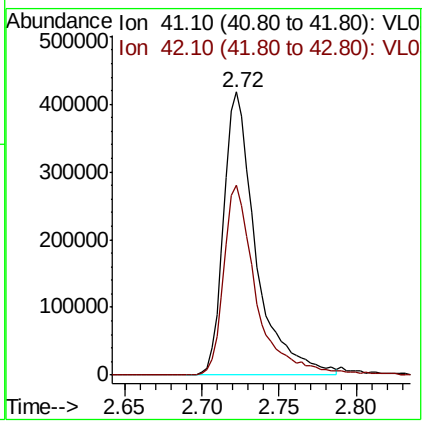


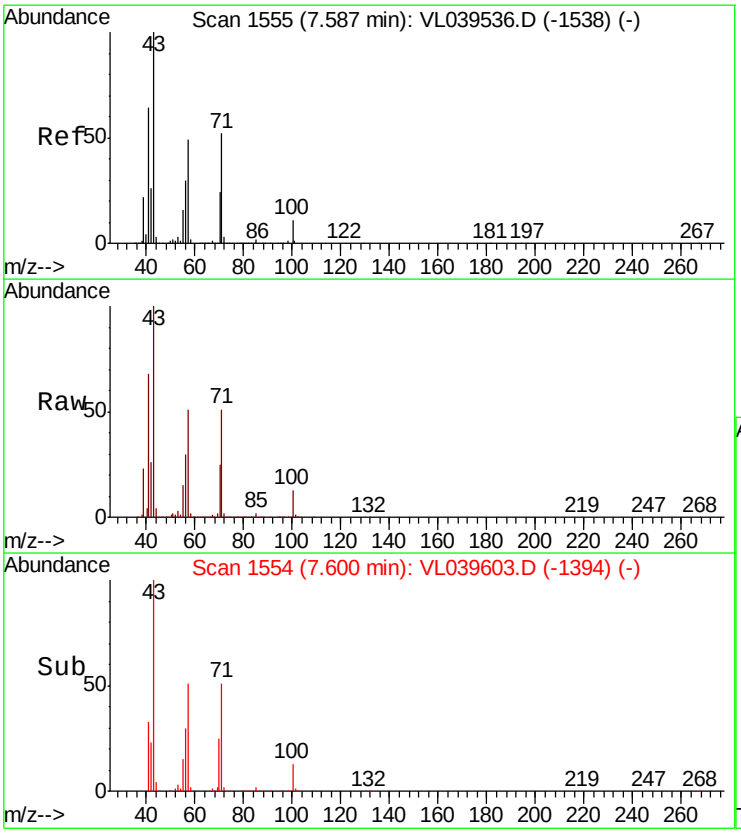
#9
Propene
Concen: 10.740 ppbv
RT: 2.72
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 604366

Ion	Ratio	Lower	Upper
41	100		
42	68.1	55.2	82.8

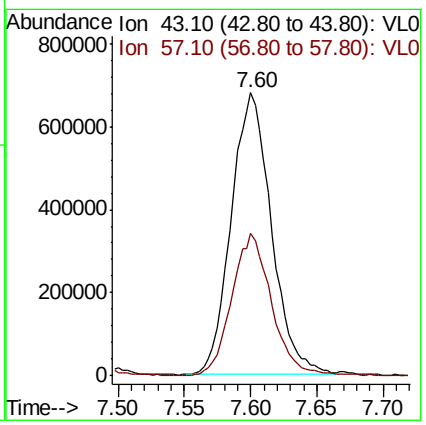


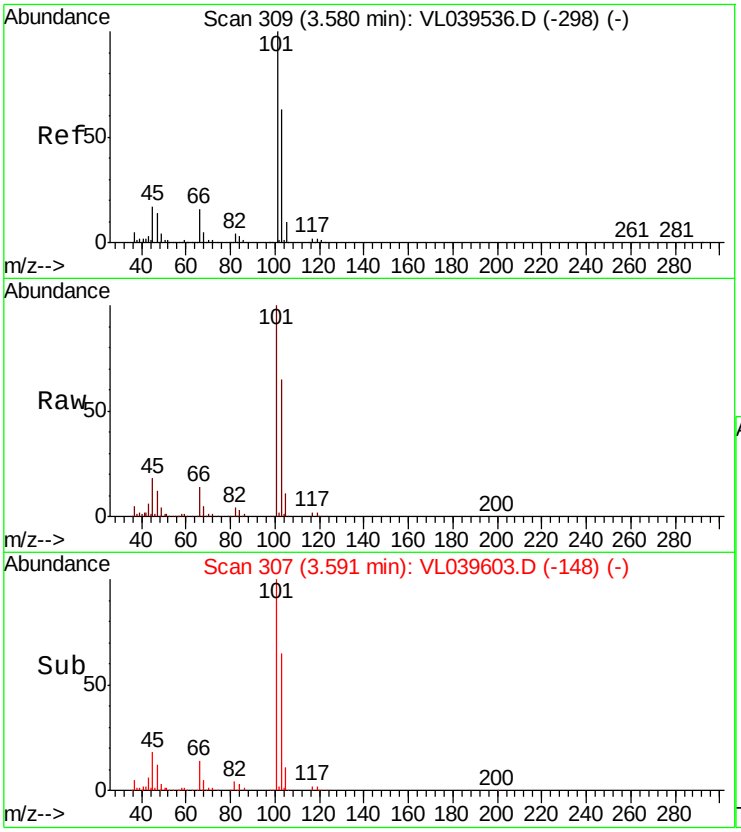


#10
Heptane
Concen: 10.999 ppbv
RT: 7.60 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 43 Resp: 1433309

Ion	Ratio	Lower	Upper
43	100		
57	50.0	40.5	60.7



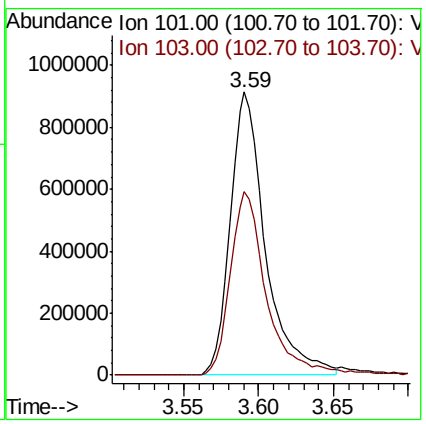


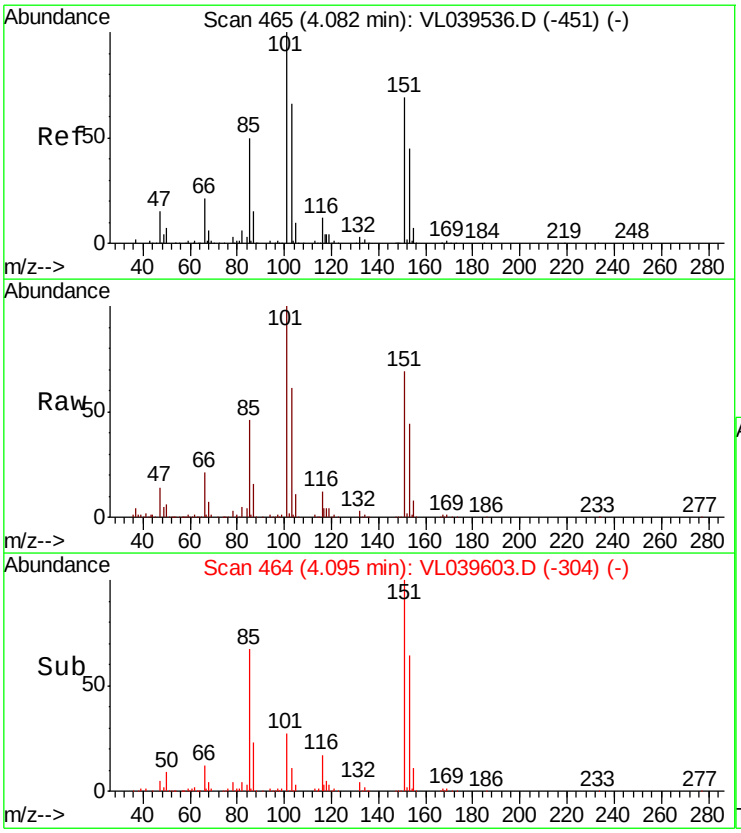
#11
Trichlorofluoromethane
Concen: 9.920 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1495443

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.8

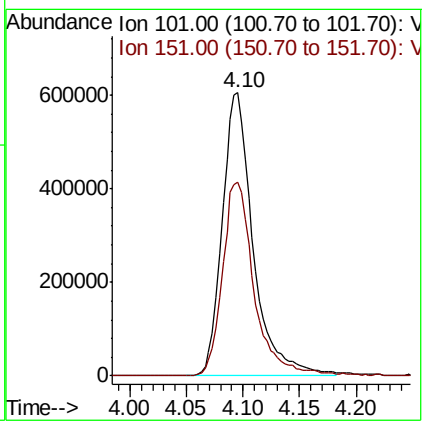


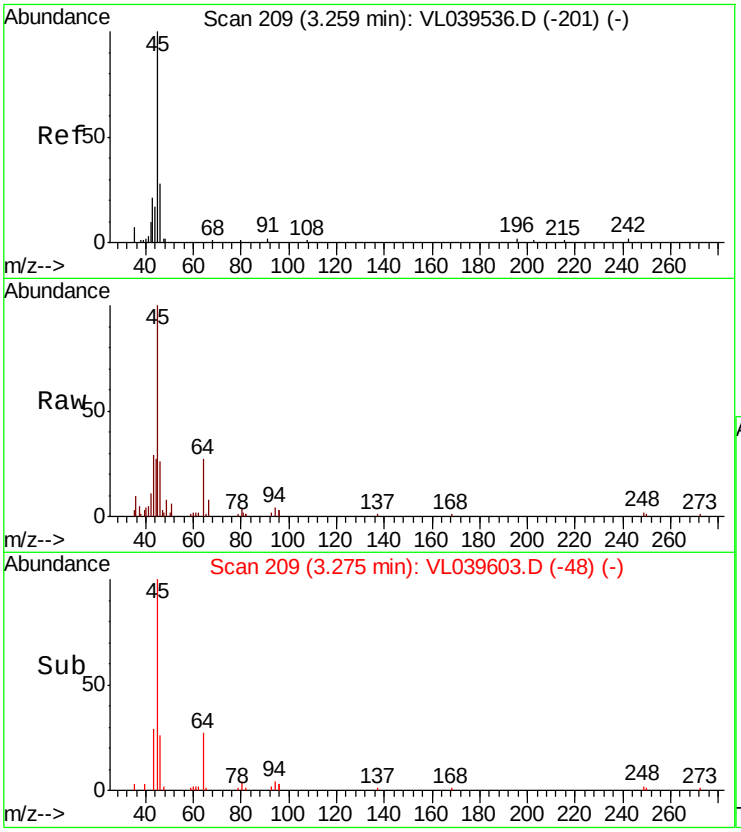


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.362 ppbv
RT: 4.10 min Scan# 464
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:101 Resp: 1155371

Ion	Ratio	Lower	Upper
101	100		
151	70.7	58.9	88.3



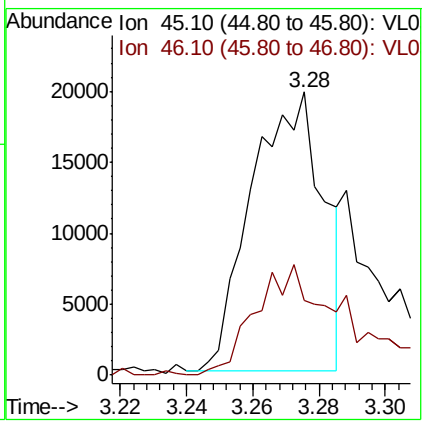


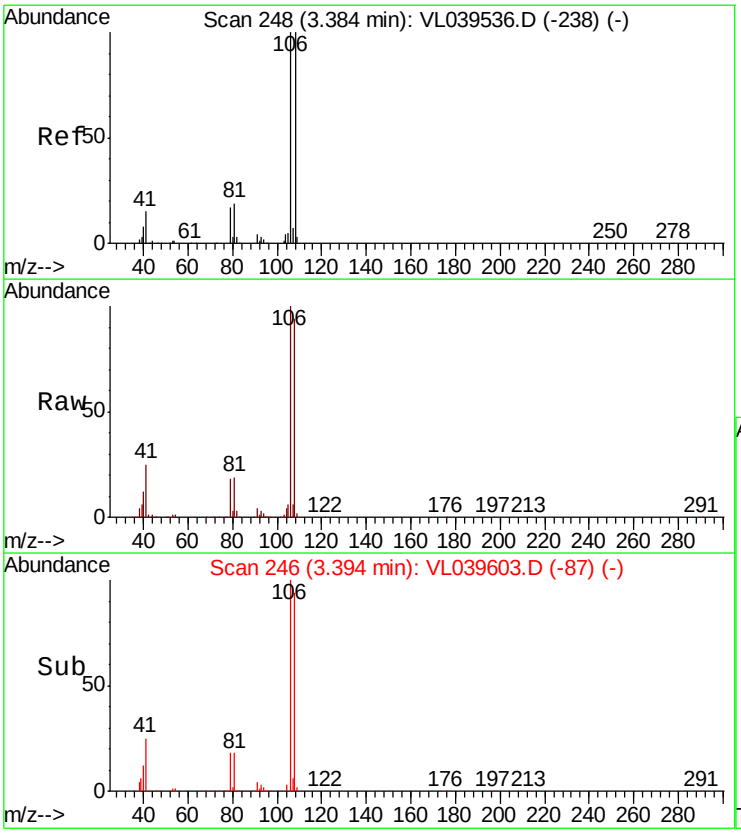
#13
Ethanol
Concen: 7.305 ppbv
RT: 3.28
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 29541

Ion	Ratio	Lower	Upper
45	100		
46	59.6	22.8	91.2

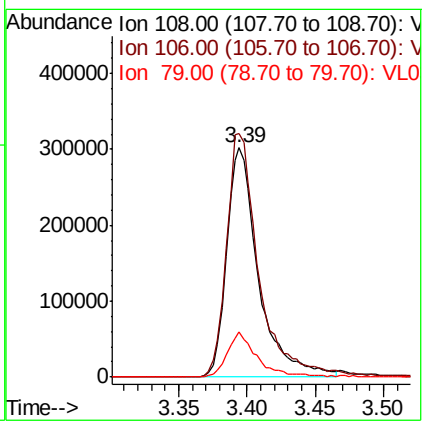


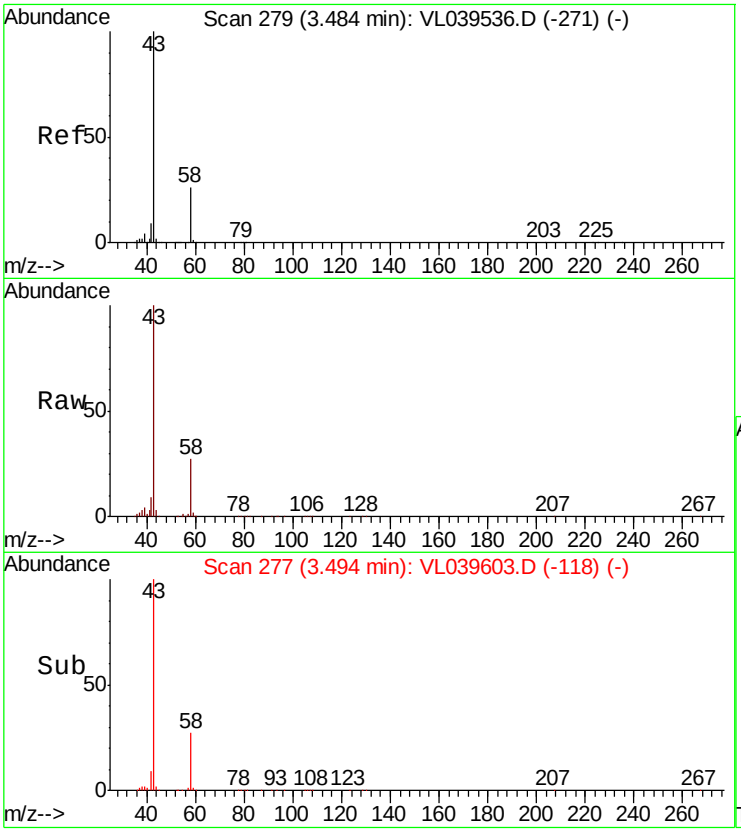


#14
Bromoethene
Concen: 10.760 ppbv
RT: 3.39 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:108 Resp: 490237

Ion	Ratio	Lower	Upper
108	100		
106	109.8	87.1	130.7
79	18.5	14.6	22.0



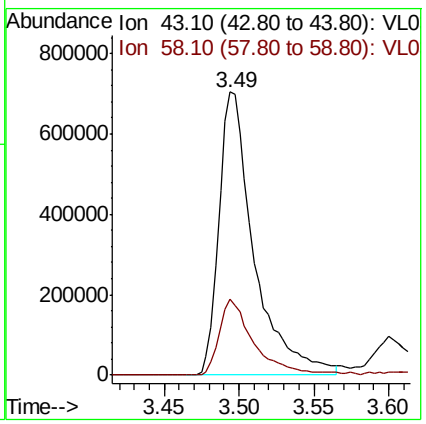


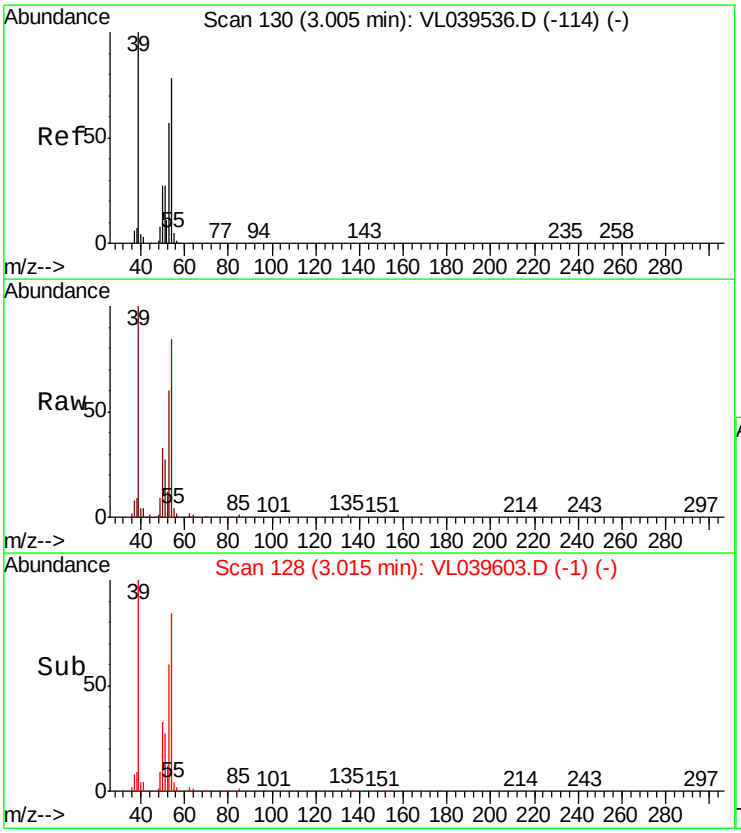
#15
Acetone
Concen: 9.991 ppbv
RT: 3.49
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1155263

Ion	Ratio	Lower	Upper
43	100		
58	26.8	21.0	31.6

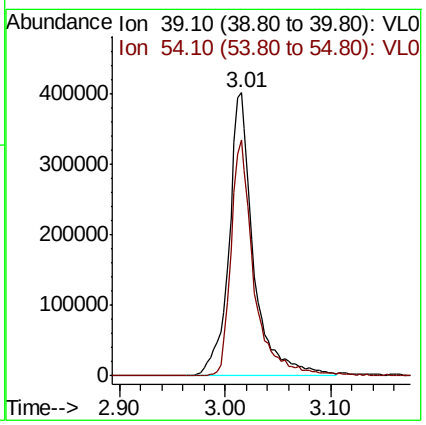


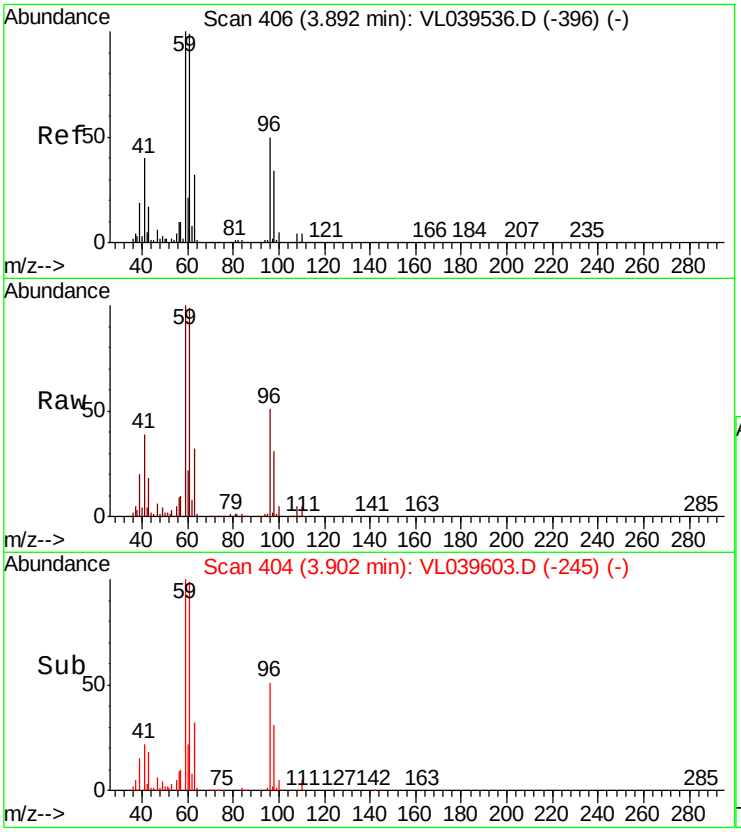


#16
1,3-Butadiene
Concen: 10.763 ppbv
RT: 3.01 min Scan# 128
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 39 Resp: 649369

Ion	Ratio	Lower	Upper
39	100		
54	77.9	63.7	95.5



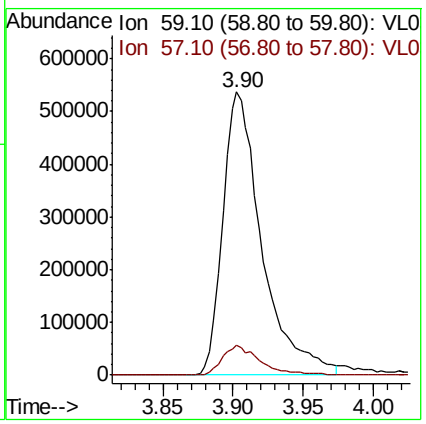


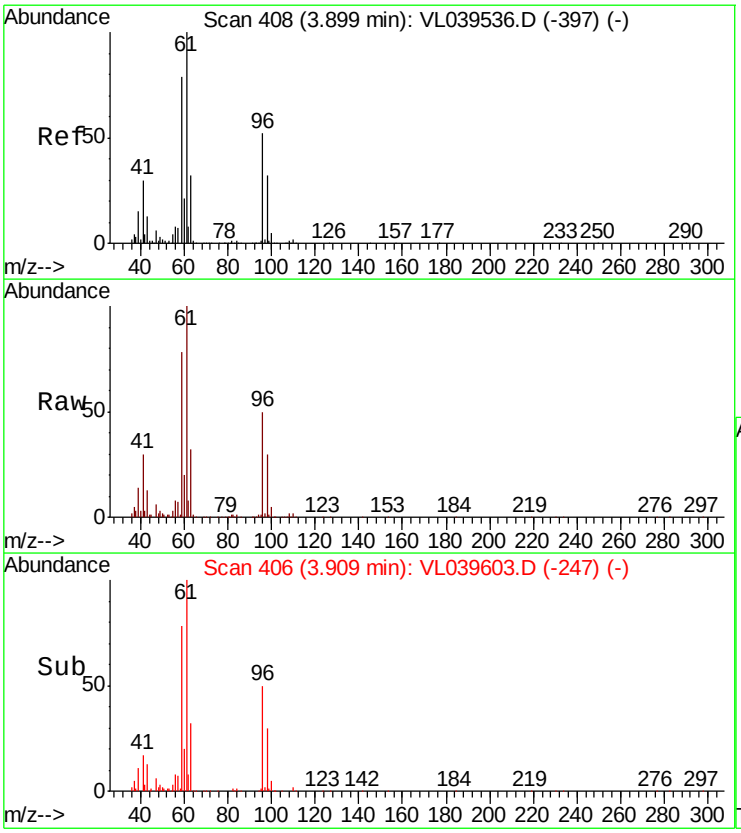
#17
tert-Butyl alcohol
Concen: 10.519 ppbv
RT: 3.90
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1037995

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.7	13.1

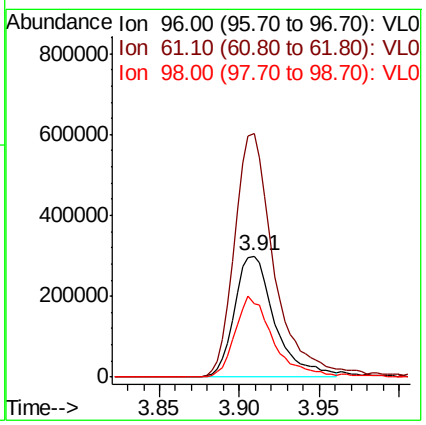


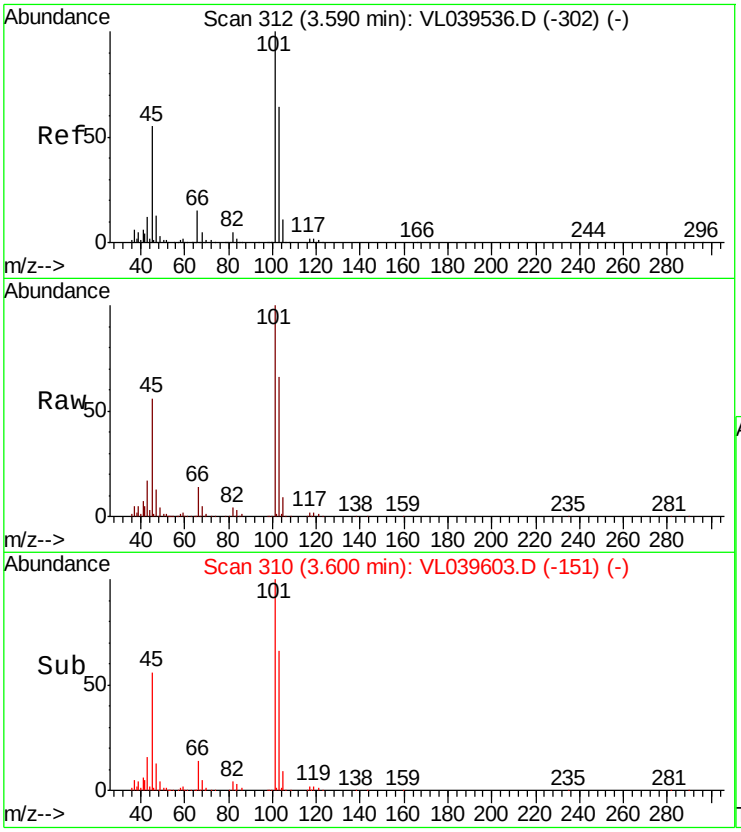


#18
1,1-Dichloroethene
Concen: 10.194 ppbv
RT: 3.91 min Scan# 406
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 96 Resp: 511965

Ion	Ratio	Lower	Upper
96	100		
61	201.5	152.2	228.4
98	60.9	51.8	77.6



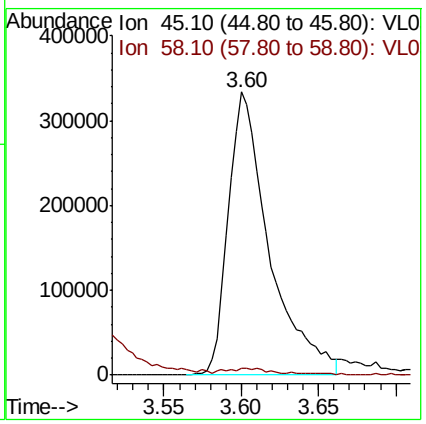


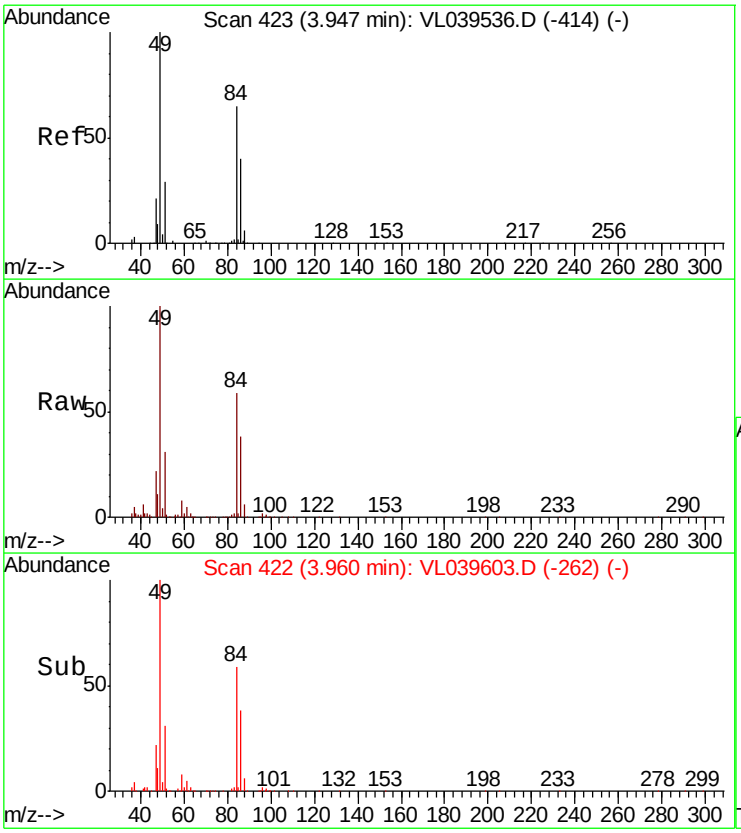
#19
Isopropyl Alcohol
Concen: 10.855 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 610566

Ion	Ratio	Lower	Upper
45	100		
58	3.1	3.2	4.8#

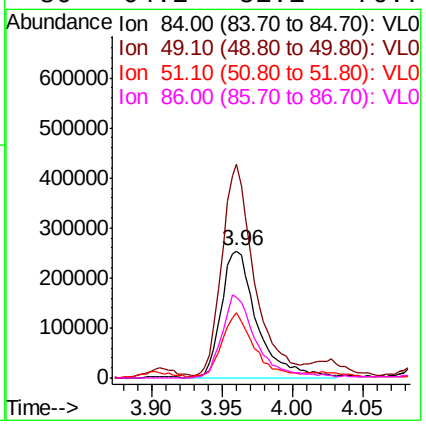


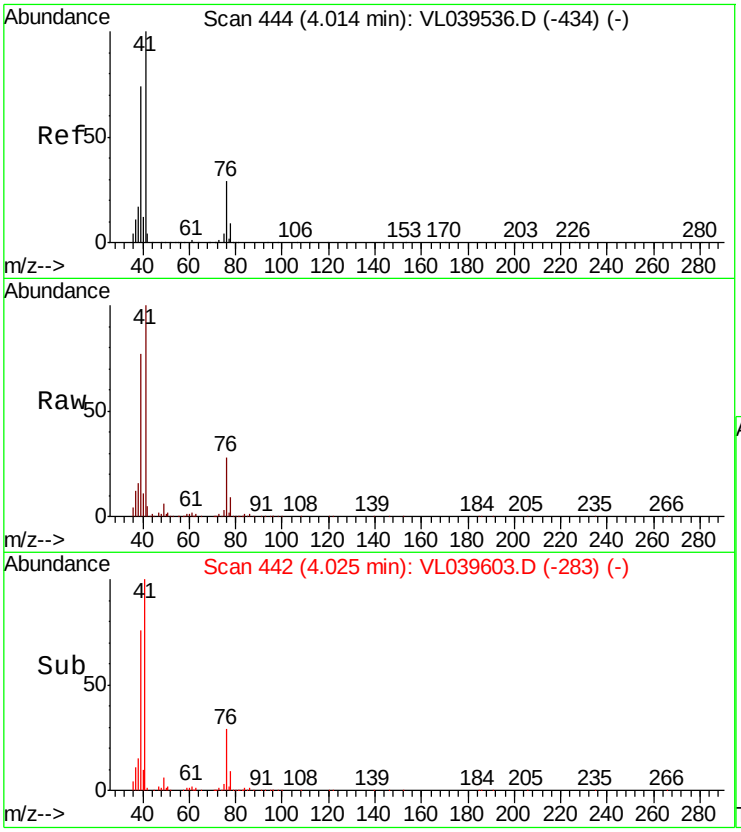


#20
Methylene Chloride
Concen: 9.489 ppbv
RT: 3.96 min Scan# 422
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 84 Resp: 445768

Ion	Ratio	Lower	Upper
84	100		
49	166.1	123.1	184.7
51	50.3	34.4	51.6
86	64.2	51.1	76.7



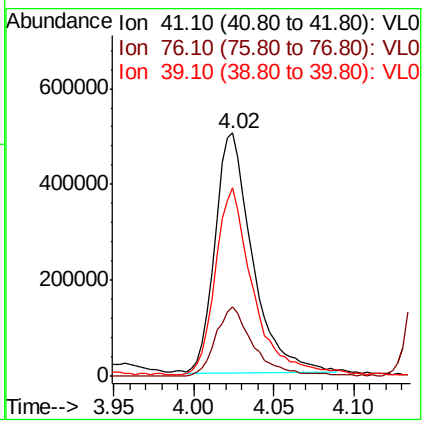


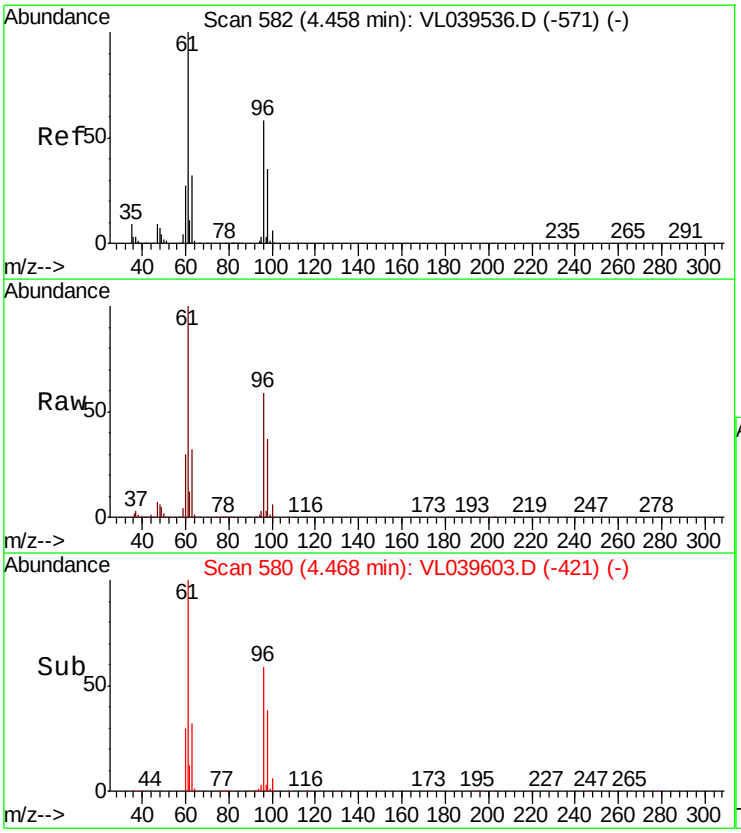
#21
Allyl Chloride
Concen: 10.675 ppbv
RT: 4.02
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 802912

Ion	Ratio	Lower	Upper
41	100		
76	29.7	24.4	36.6
39	82.7	63.5	95.3

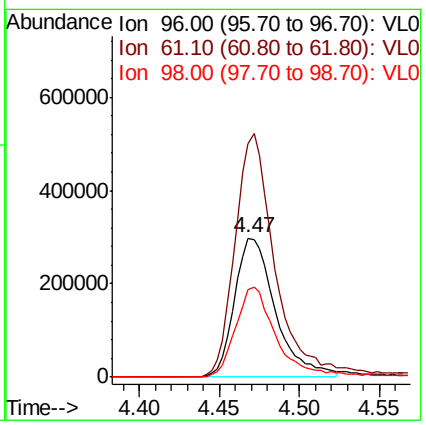


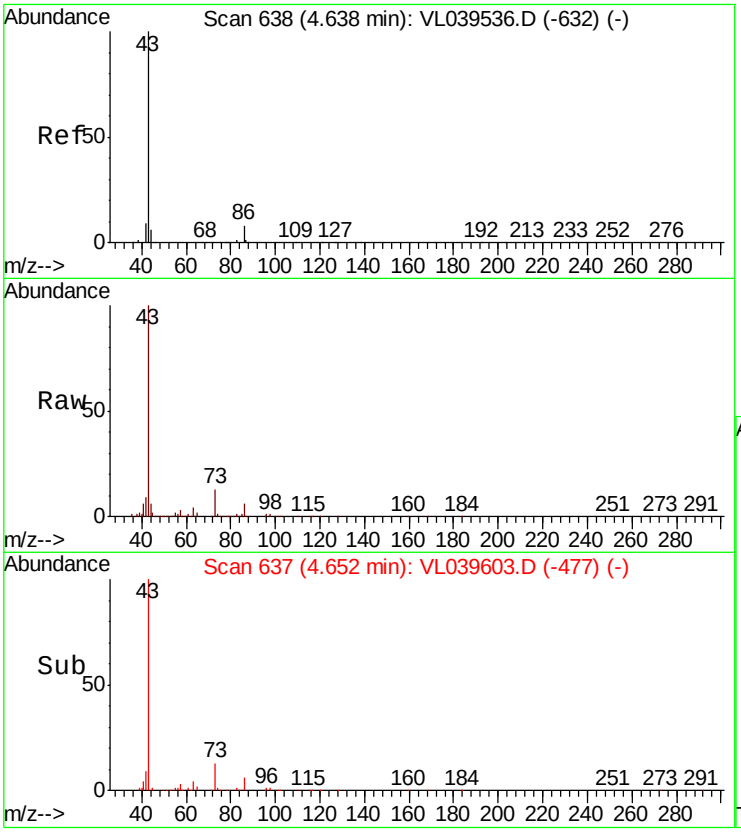


#22
trans-1,2-Dichloroethene
Concen: 10.384 ppbv
RT: 4.47 min Scan# 580
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 96 Resp: 518672

Ion	Ratio	Lower	Upper
96	100		
61	168.2	130.6	195.8
98	62.9	53.4	80.0



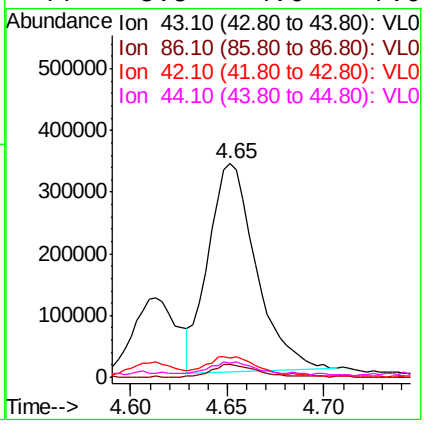


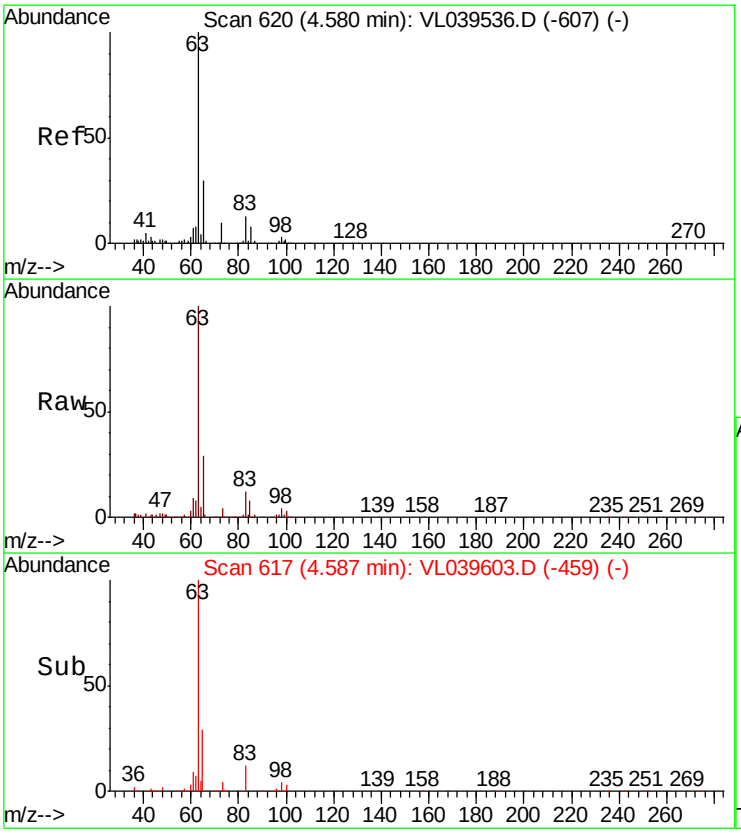
#23
Vinyl Acetate
Concen: 10.579 ppbv
RT: 4.65
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 581638

Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.0	7.6
42	8.8	7.7	11.5
44	5.5	4.6	7.0

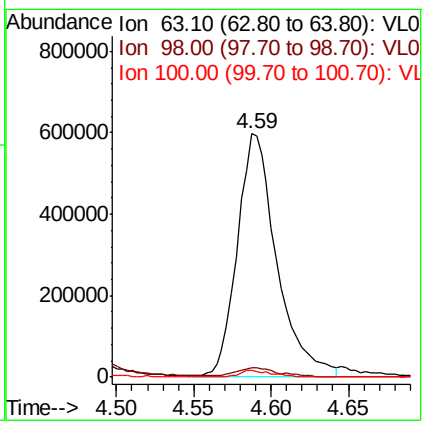


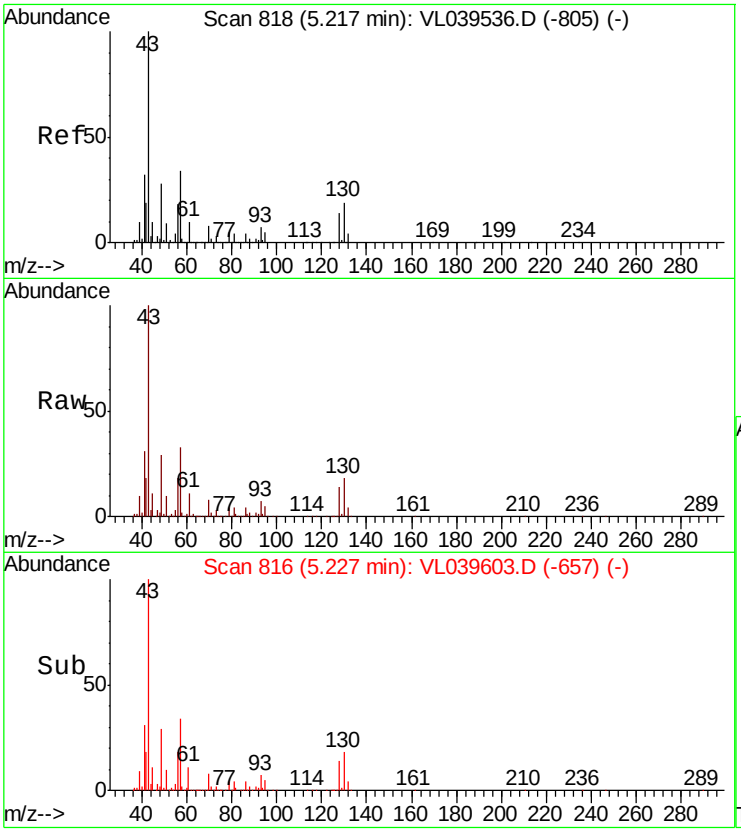


#24
1,1-Dichloroethane
Concen: 10.390 ppbv
RT: 4.59 min Scan# 617
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 63 Resp: 1057362

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.8	5.3
100	2.7	1.5	4.4



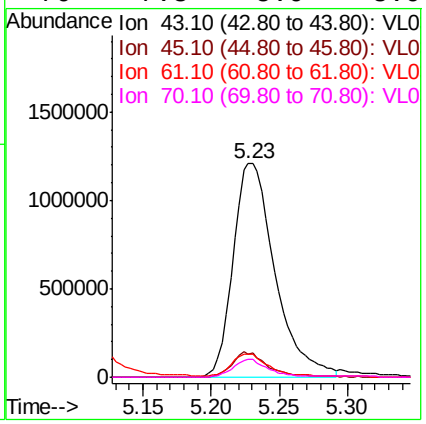


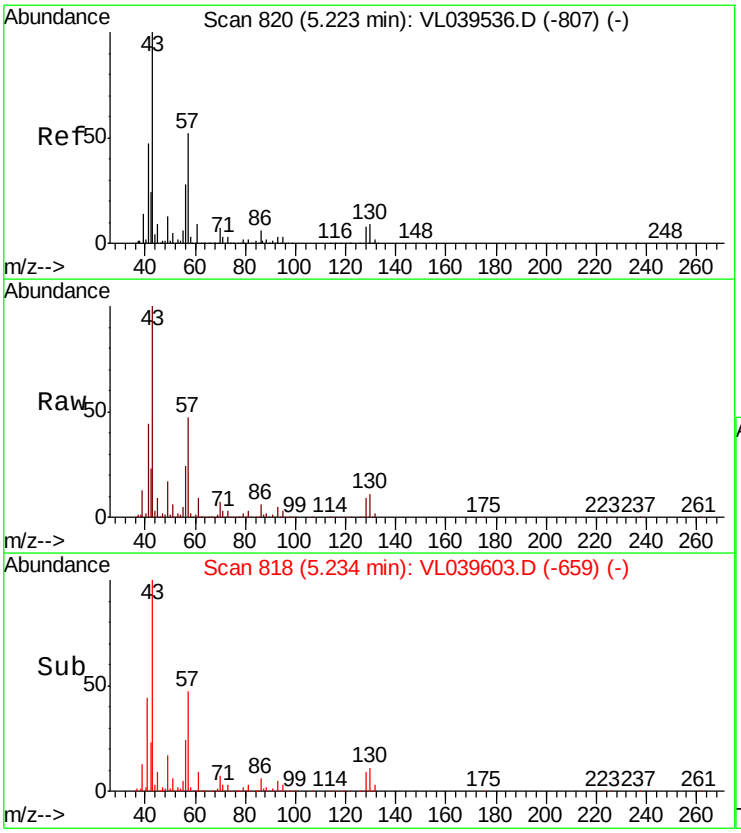
#25
Ethyl Acetate
Concen: 10.395 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2571658

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.4
61	10.2	8.3	12.5
70	7.3	5.9	8.9

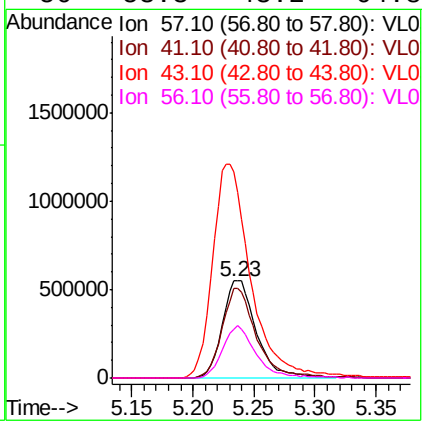


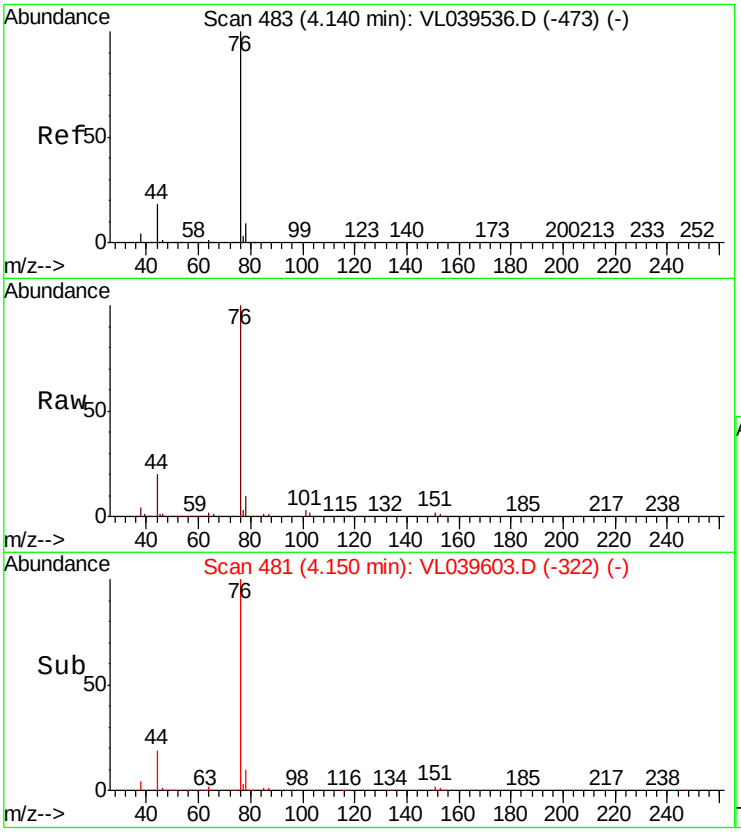


#26
Hexane
Concen: 10.624 ppbv
RT: 5.23 min Scan# 818
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 57 Resp: 1072787

Ion	Ratio	Lower	Upper
57	100		
41	94.9	76.9	115.3
43	248.3	191.0	286.6
56	53.3	43.2	64.8



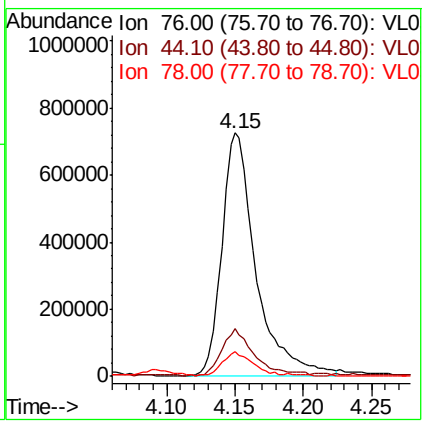


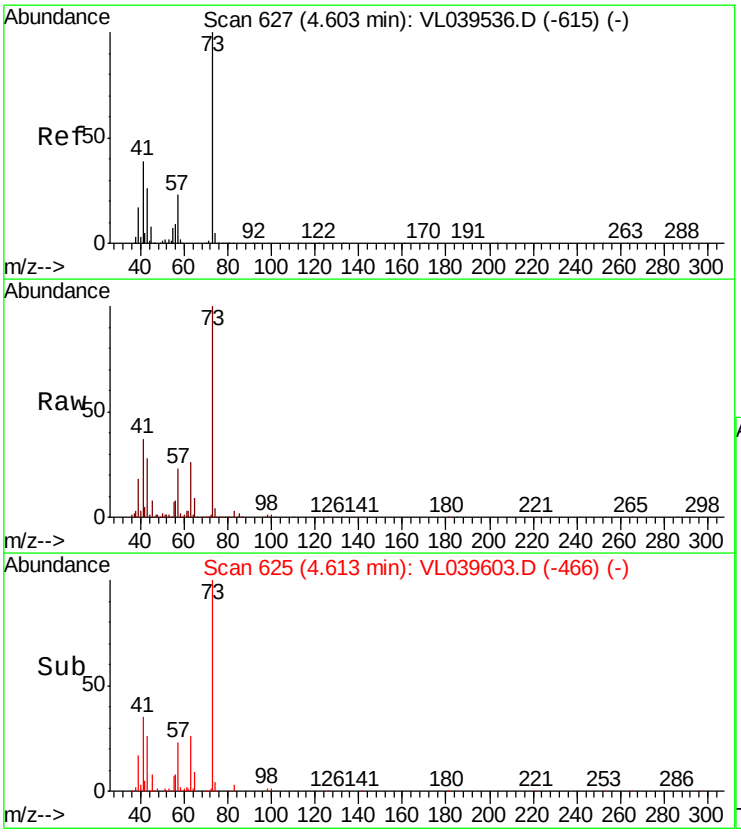
#27
Carbon Disulfide
Concen: 11.633 ppbv
RT: 4.15
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1254832

Ion	Ratio	Lower	Upper
76	100		
44	18.3	14.6	21.8
78	10.0	7.8	11.6

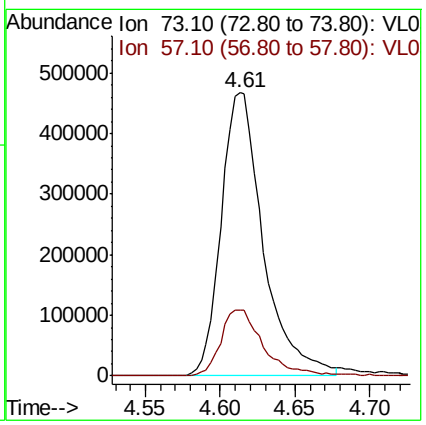


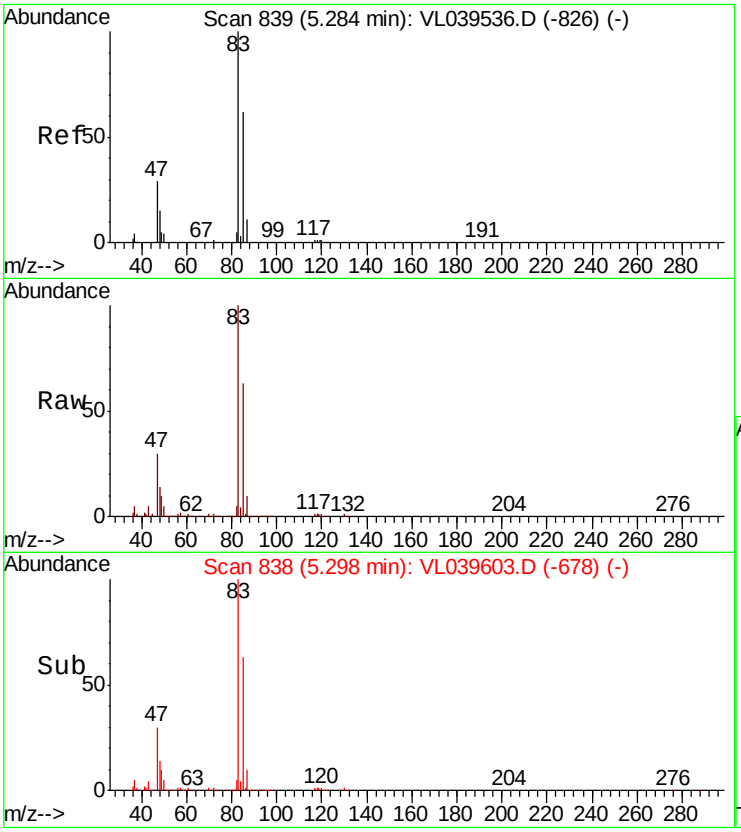


#28
Methyl tert-Butyl Ether
Concen: 10.491 ppbv
RT: 4.61 min Scan# 625
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 73 Resp: 913839

Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.8	29.8



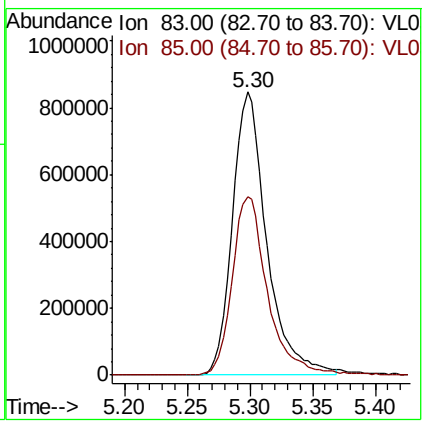


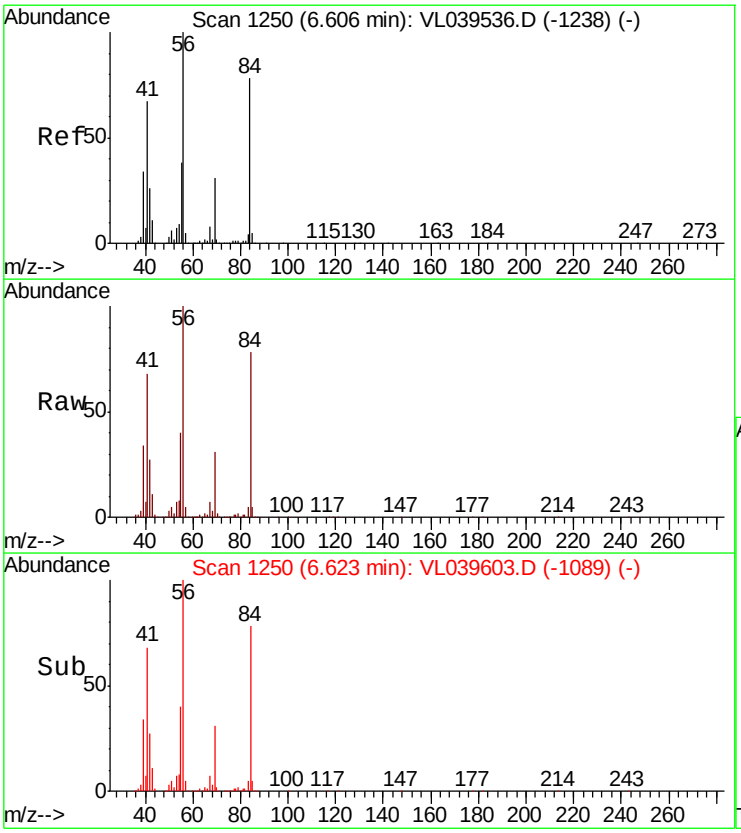
#29
Chloroform
Concen: 10.178 ppbv
RT: 5.30
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1607309

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.8	79.2

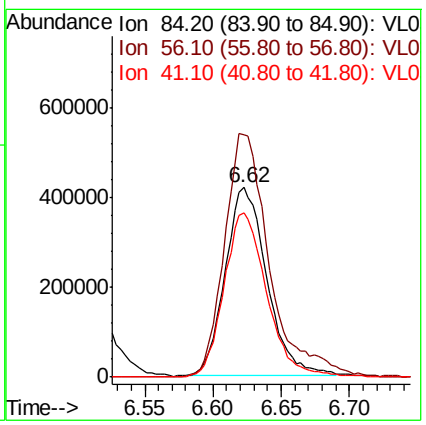


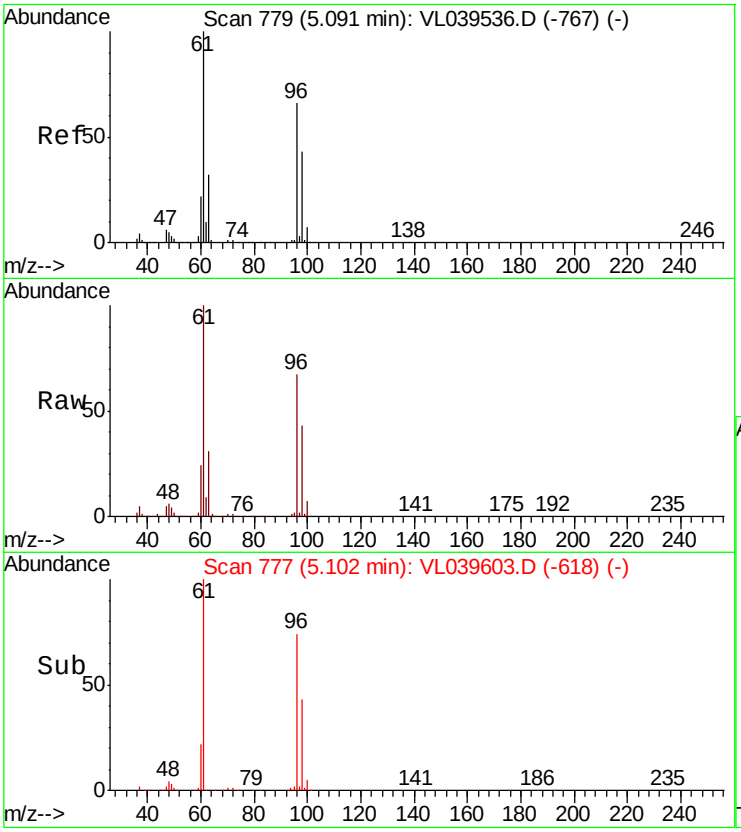


#30
Cyclohexane
Concen: 10.721 ppbv
RT: 6.62 min Scan# 1250
Delta R.T. 0.02 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 84 Resp: 896418

Ion	Ratio	Lower	Upper
84	100		
56	140.3	107.7	161.5
41	89.0	67.7	101.5



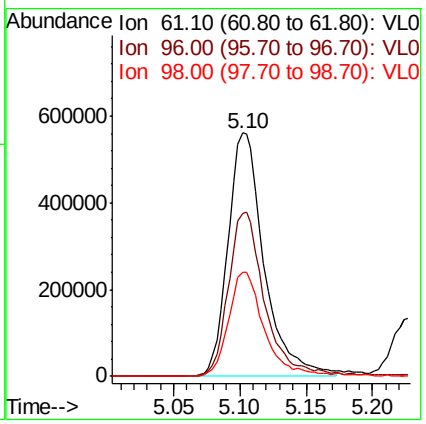


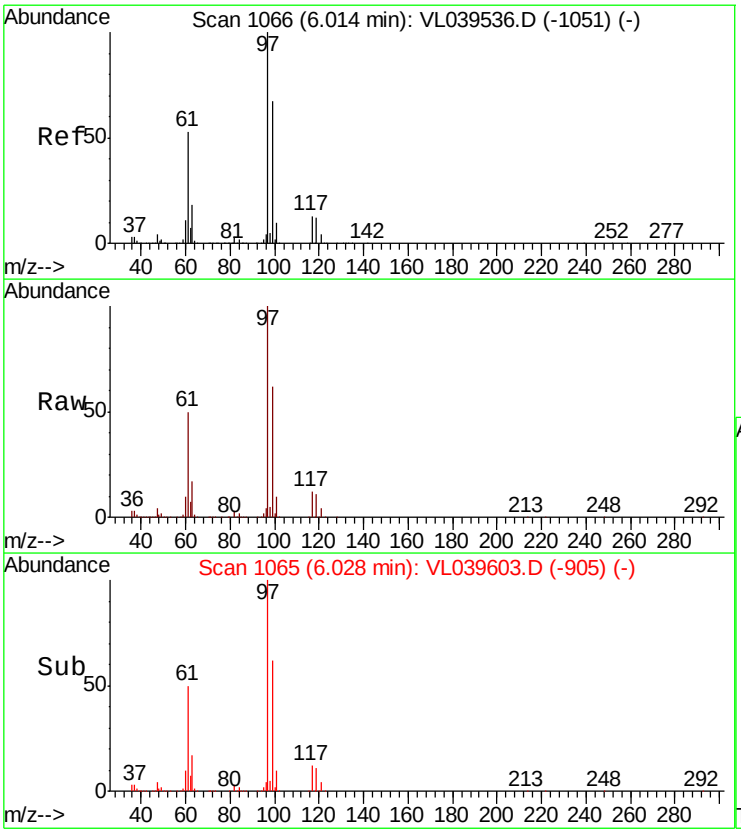
#31
cis-1,2-Dichloroethene
Concen: 10.846 ppbv
RT: 5.10
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1060782

Ion	Ratio	Lower	Upper
61	100		
96	67.0	54.1	81.1
98	42.5	34.6	52.0

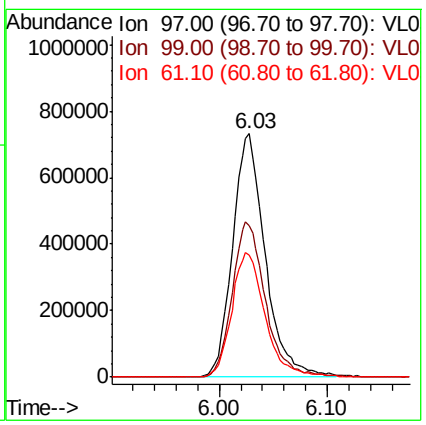


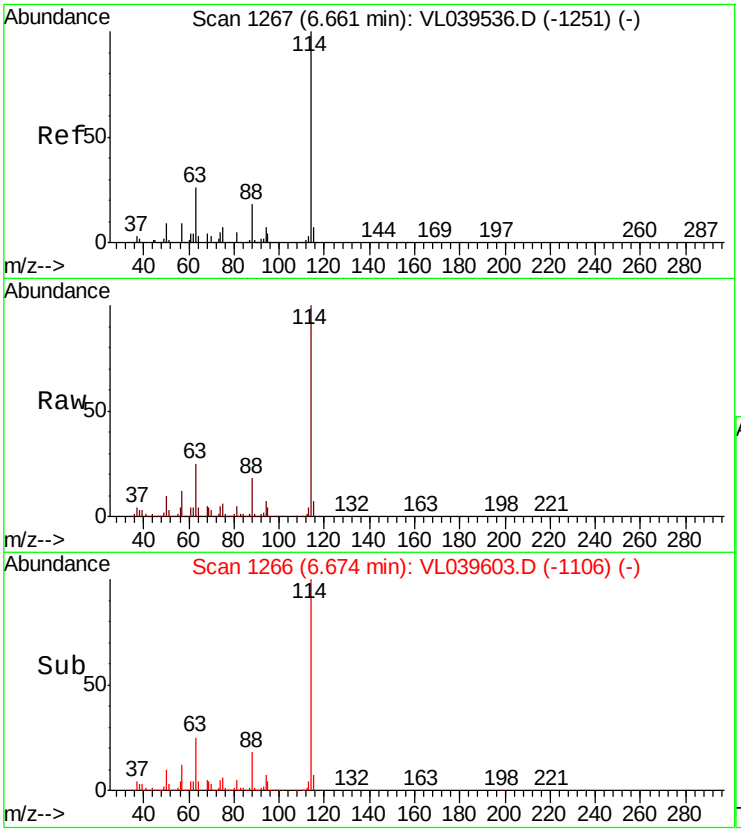


#32
1,1,1-Trichloroethane
Concen: 11.084 ppbv
RT: 6.03 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 97 Resp: 1539904

Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.3	78.5
61	52.2	40.9	61.3



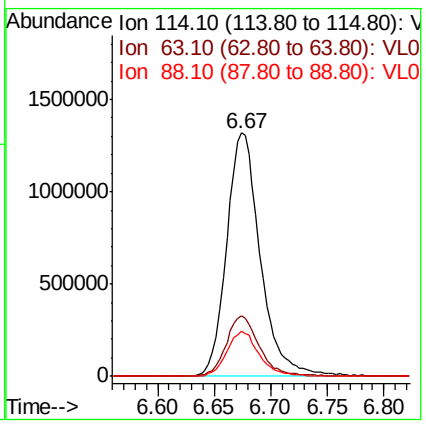


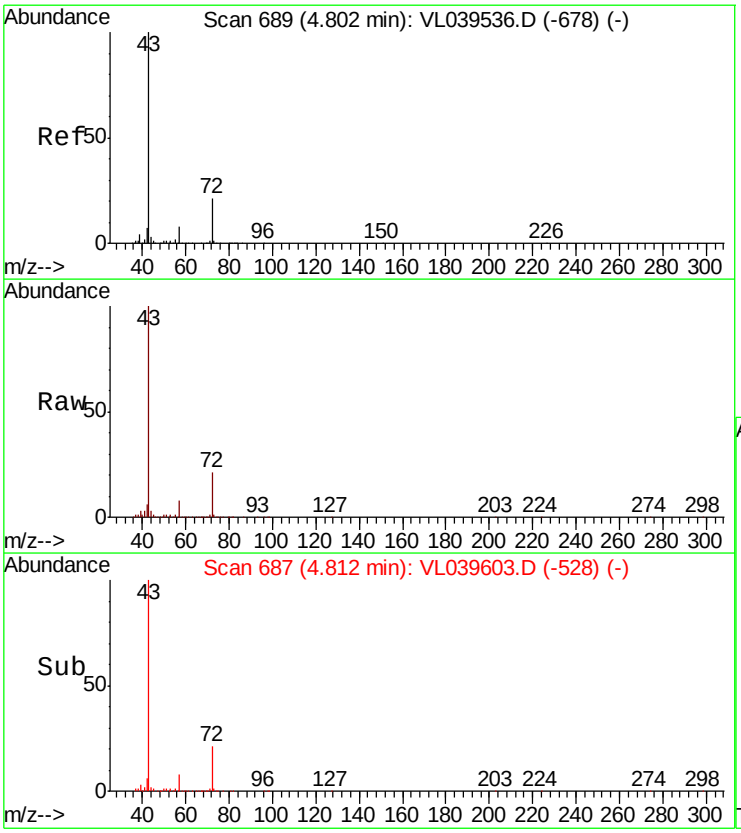
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.67
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2726824

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.2	30.4
88	18.1	14.5	21.7

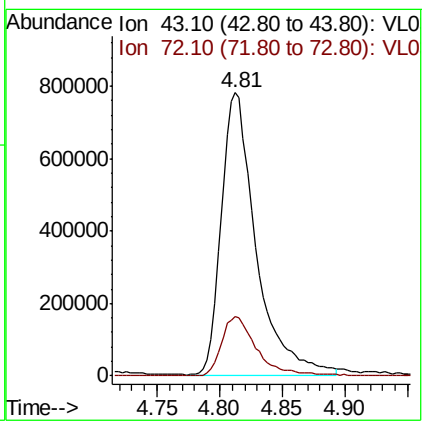


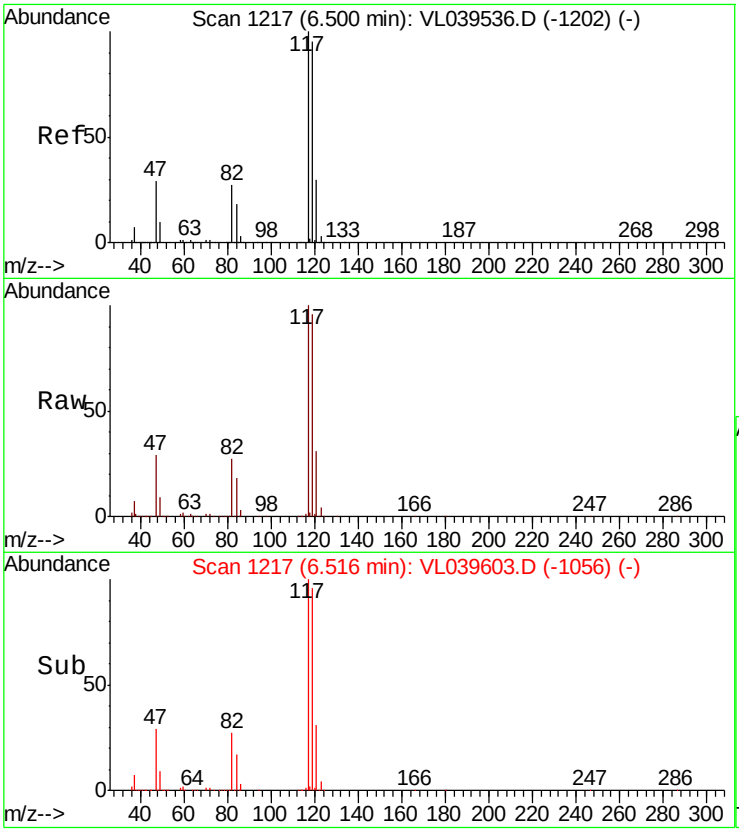


#34
2-Butanone
Concen: 11.081 ppbv
RT: 4.81 min Scan# 687
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 43 Resp: 1502151

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.9	26.9



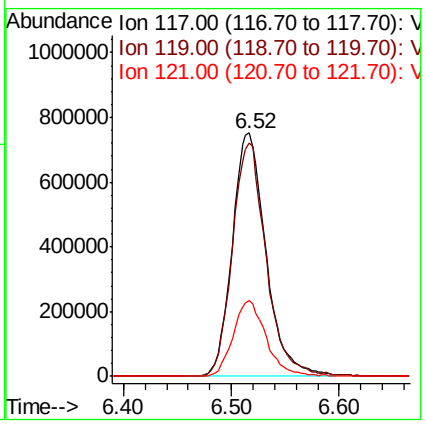


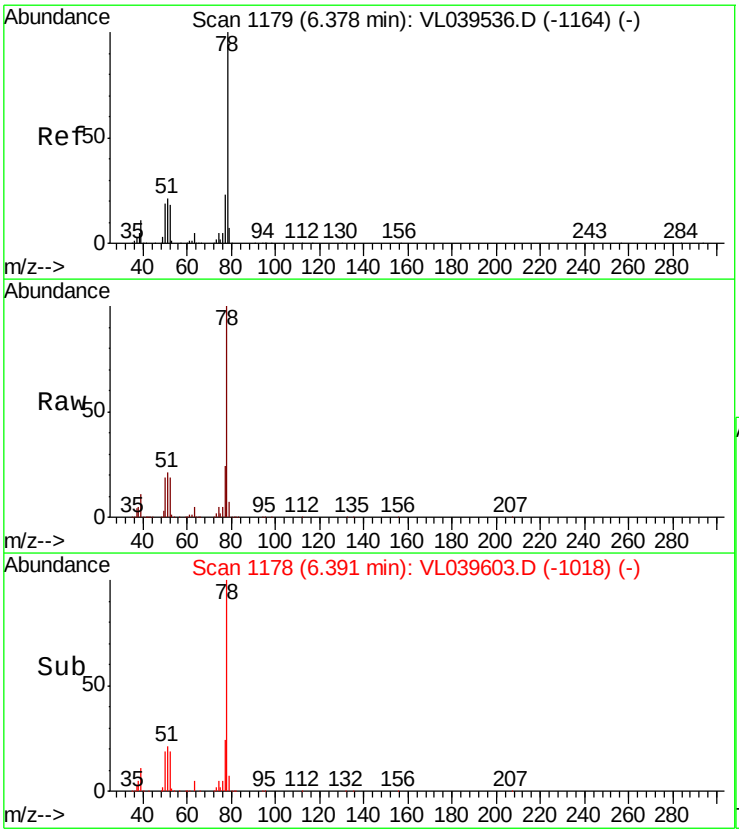
#35
Carbon Tetrachloride
Concen: 11.080 ppbv
RT: 6.52
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1633190

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.2
121	31.2	24.2	36.2

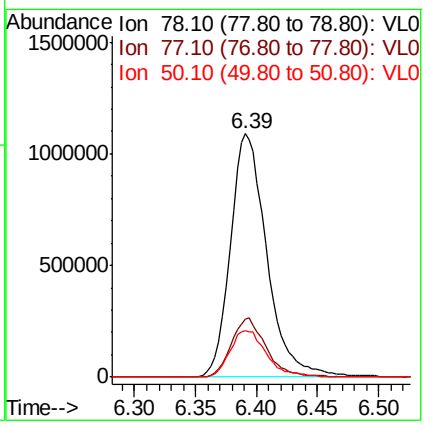


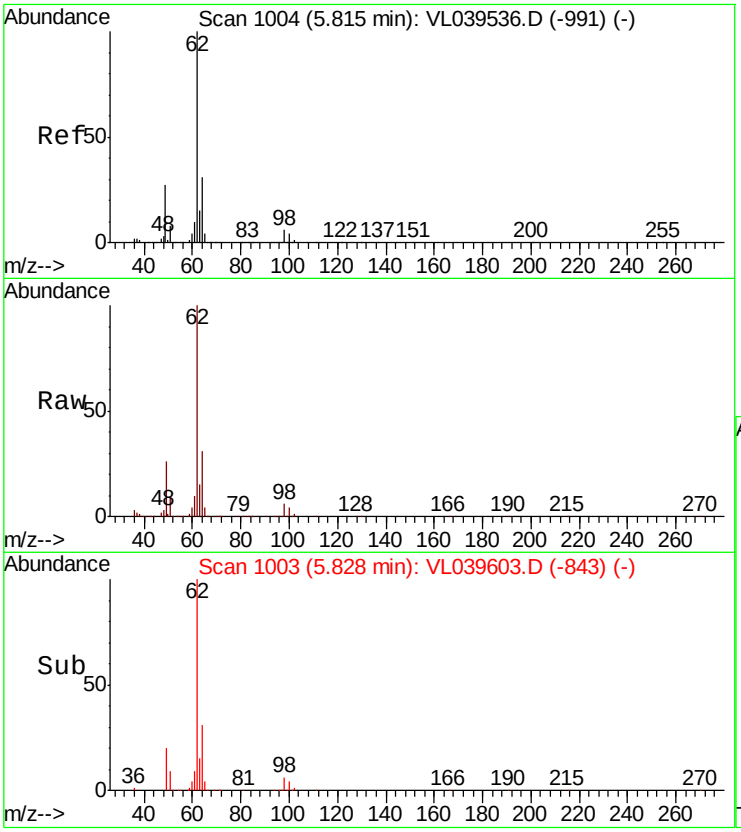


#36
Benzene
Concen: 10.809 ppbv
RT: 6.39 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 78 Resp: 2246803

Ion	Ratio	Lower	Upper
78	100		
77	24.1	20.3	30.5
50	19.1	15.5	23.3



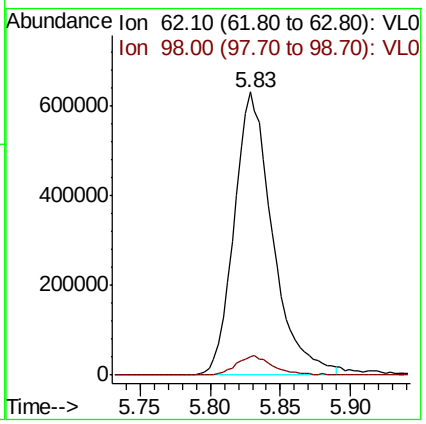


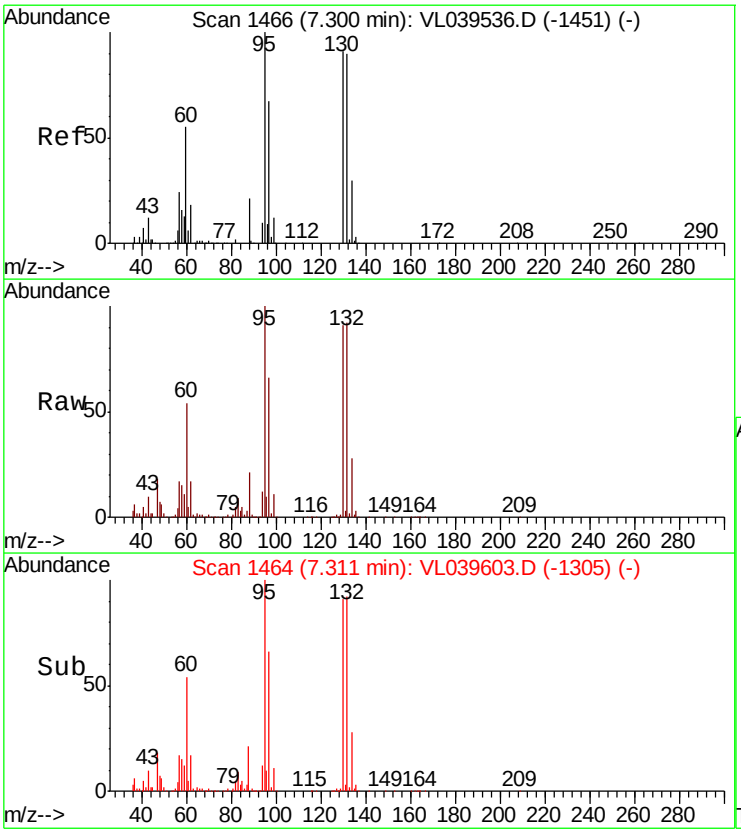
#37
1,2-Dichloroethane
Concen: 10.500 ppbv
RT: 5.83
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1202222

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.1	7.7

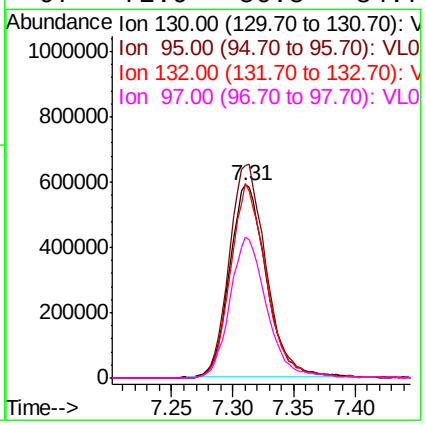


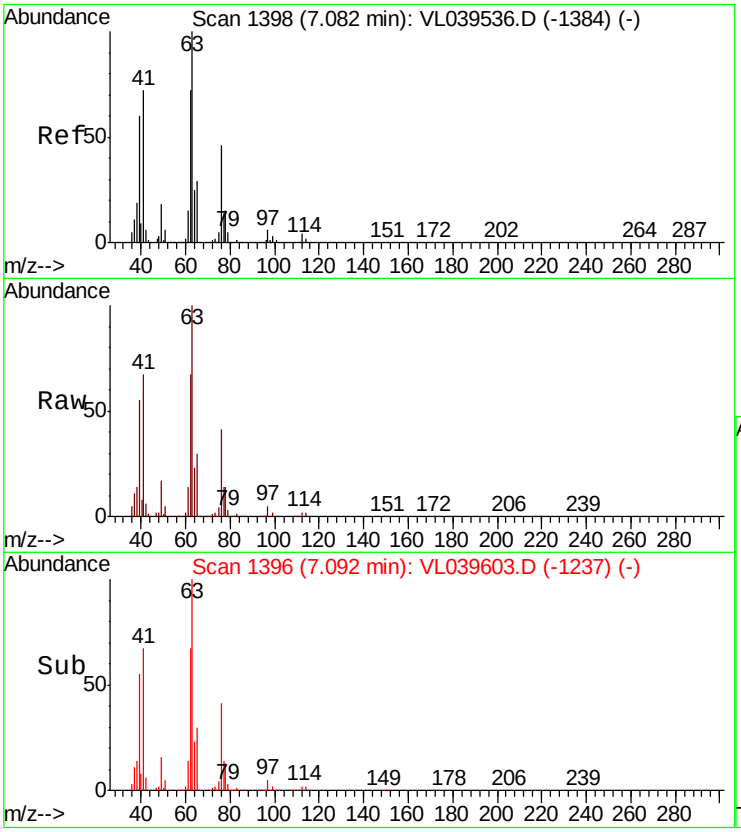


#38
Trichloroethene
Concen: 11.079 ppbv
RT: 7.31 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:130 Resp: 1233884

Ion	Ratio	Lower	Upper
130	100		
95	110.4	87.3	130.9
132	101.5	76.7	115.1
97	72.9	56.5	84.7



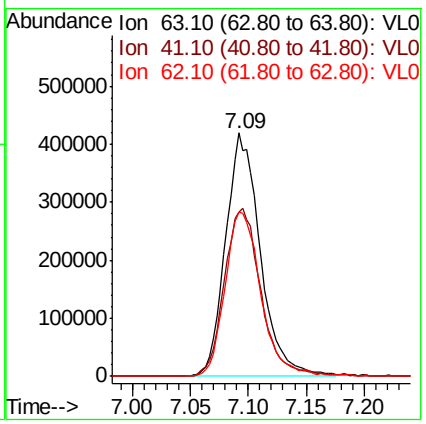


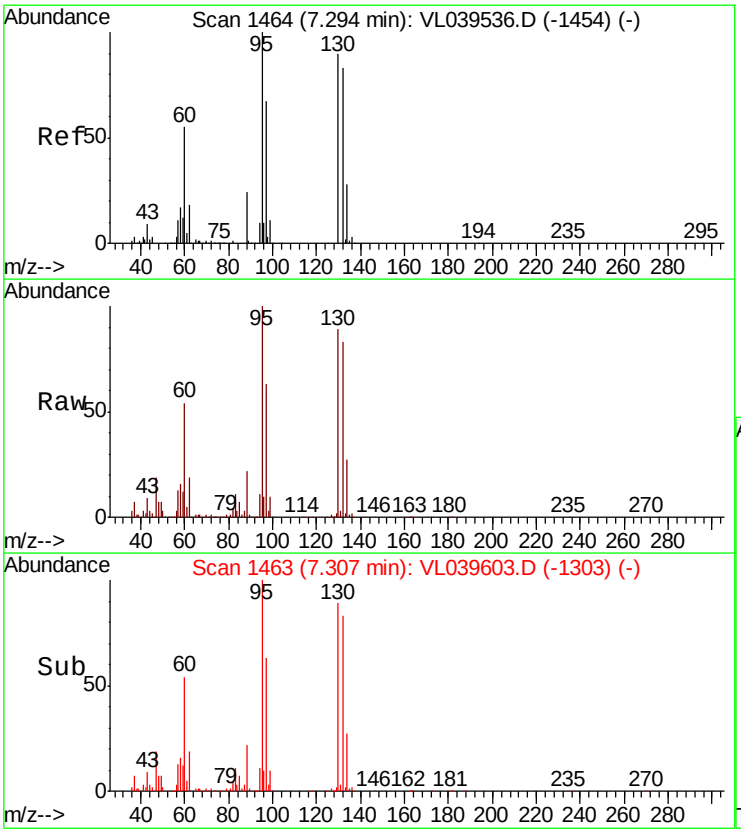
#39
1,2-Dichloropropane
Concen: 11.028 ppbv
RT: 7.09
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 861819

Ion	Ratio	Lower	Upper
63	100		
41	67.1	59.6	89.4
62	67.3	51.4	77.0

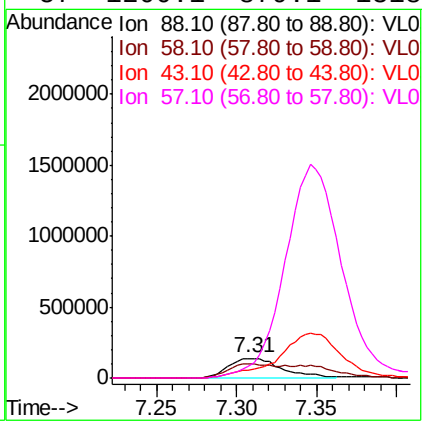


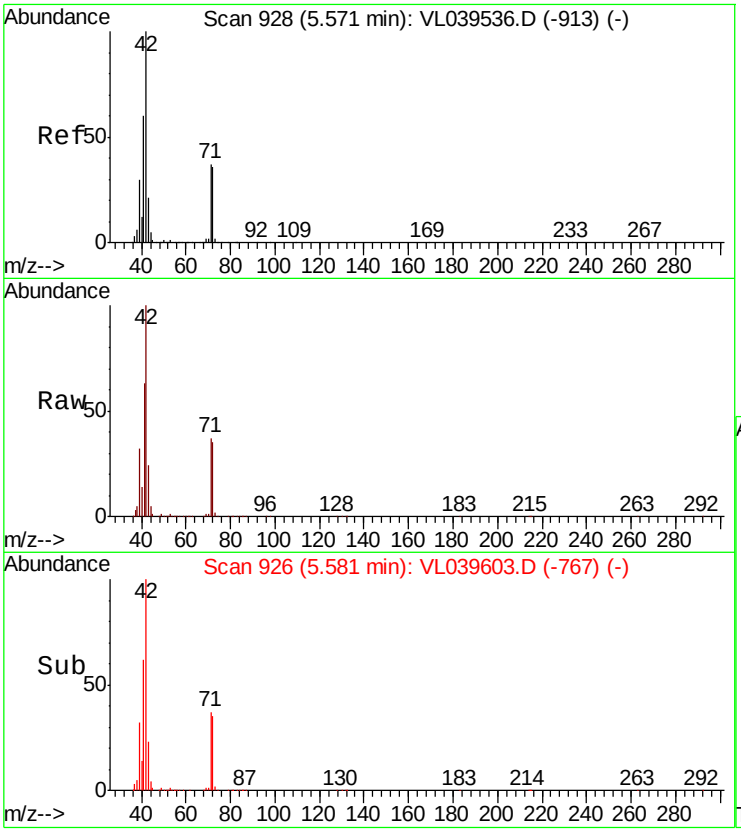


#40
1,4-Dioxane
Concen: 10.315 ppbv
RT: 7.31 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 88 Resp: 315596

Ion	Ratio	Lower	Upper
88	100		
58	131.4	100.2	150.4
43	279.0	205.8	308.6
57	1200.1	879.1	1318.7



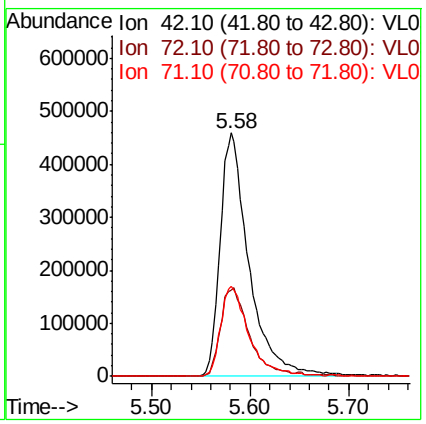


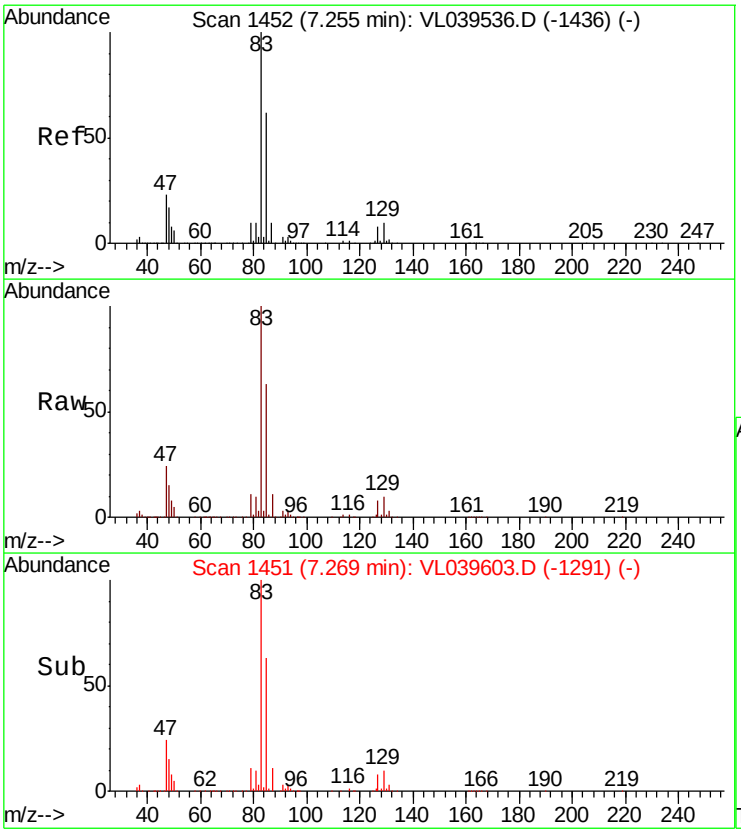
#41
Tetrahydrofuran
Concen: 11.637 ppbv
RT: 5.58
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 942382

Ion	Ratio	Lower	Upper
42	100		
72	37.1	31.8	47.8
71	37.1	31.8	47.8

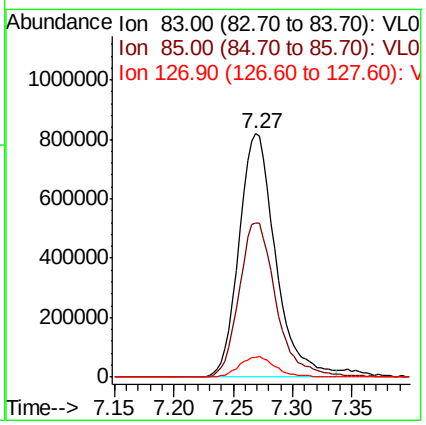


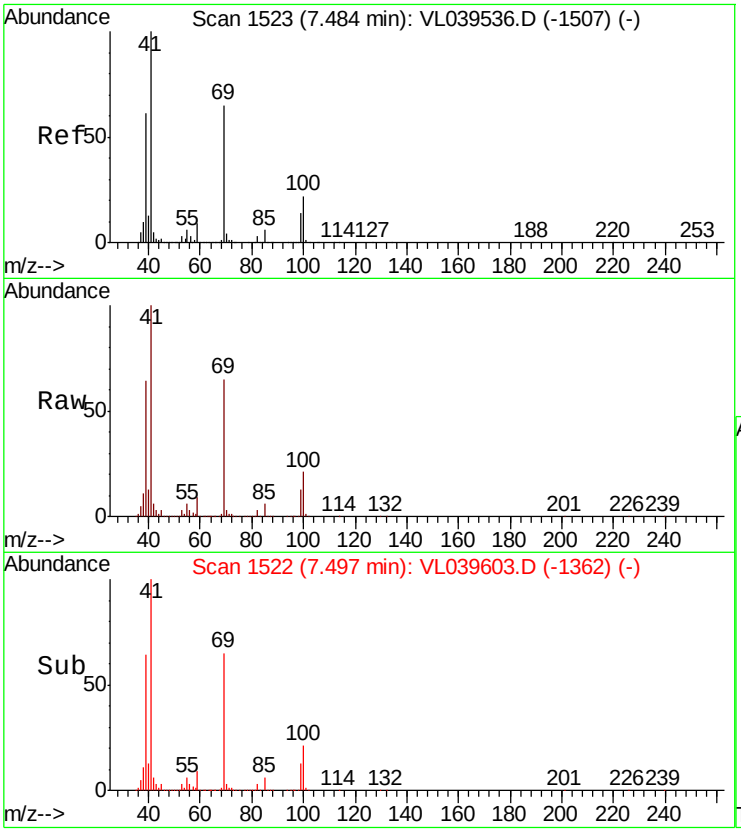


#42
Bromodichloromethane
Concen: 11.124 ppbv
RT: 7.27 min Scan# 1451
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 83 Resp: 1742827

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.7	76.1
127	8.1	6.6	9.8



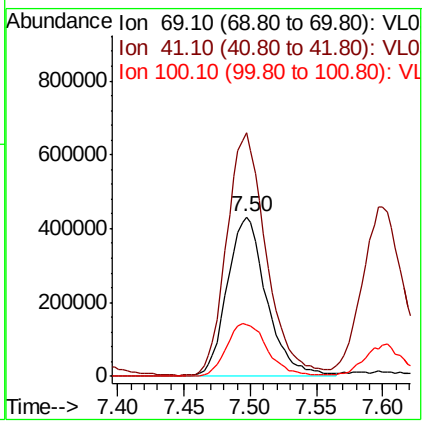


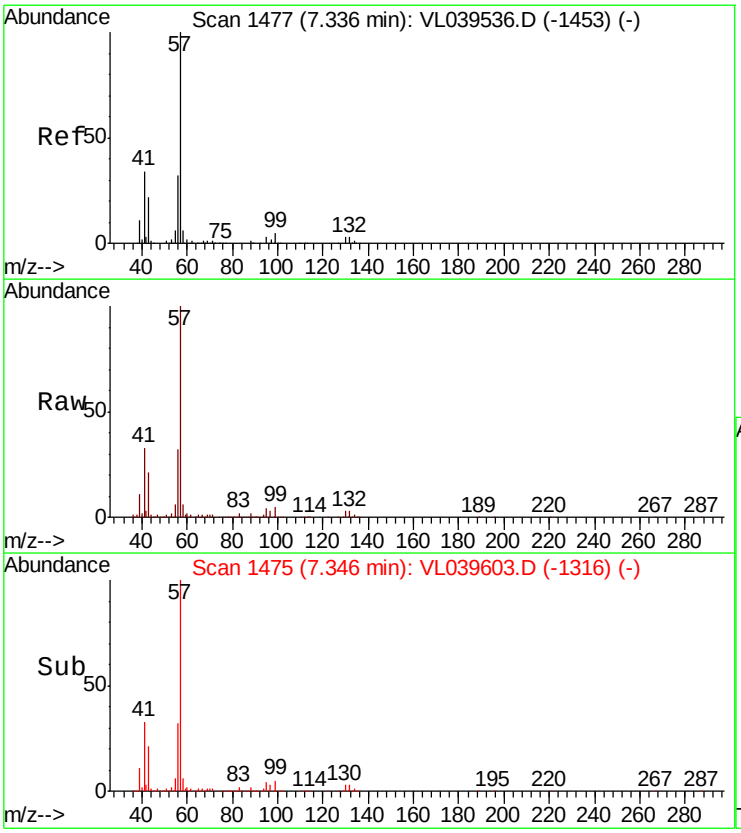
#43
Methyl Methacrylate
Concen: 11.864 ppbv
RT: 7.50
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 889245

Ion	Ratio	Lower	Upper
69	100		
41	154.4	120.8	181.2
100	34.8	27.8	41.6

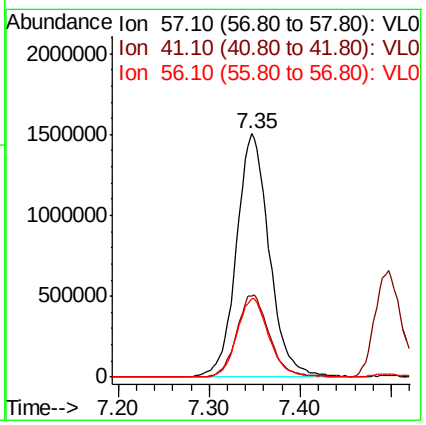


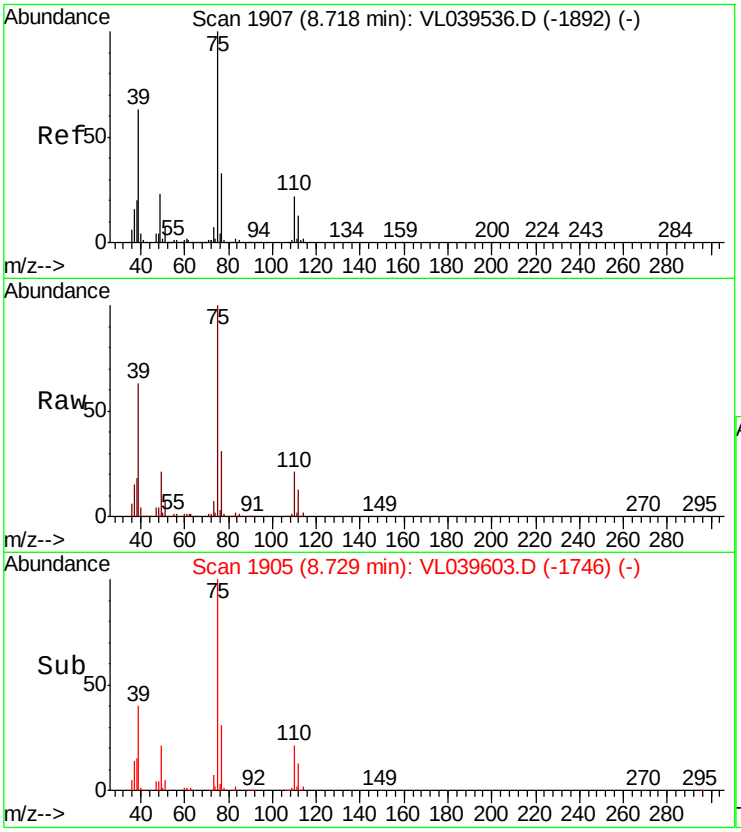


#44
2,2,4-Trimethylpentane
Concen: 10.762 ppbv
RT: 7.35 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 57 Resp: 3770918

Ion	Ratio	Lower	Upper
57	100		
41	33.7	27.4	41.2
56	31.7	24.5	36.7



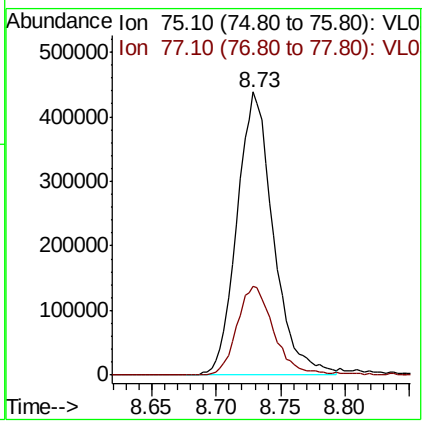


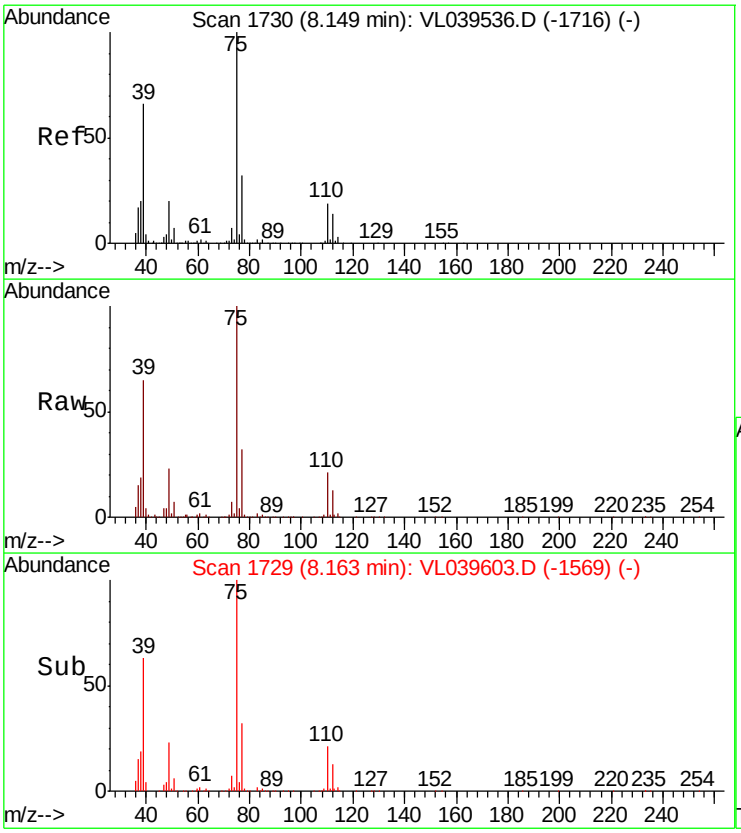
#45
t-1,3-Dichloropropene
Concen: 13.163 ppbv
RT: 8.73
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 859251

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8

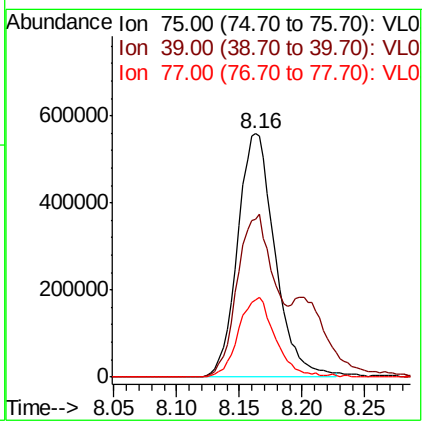


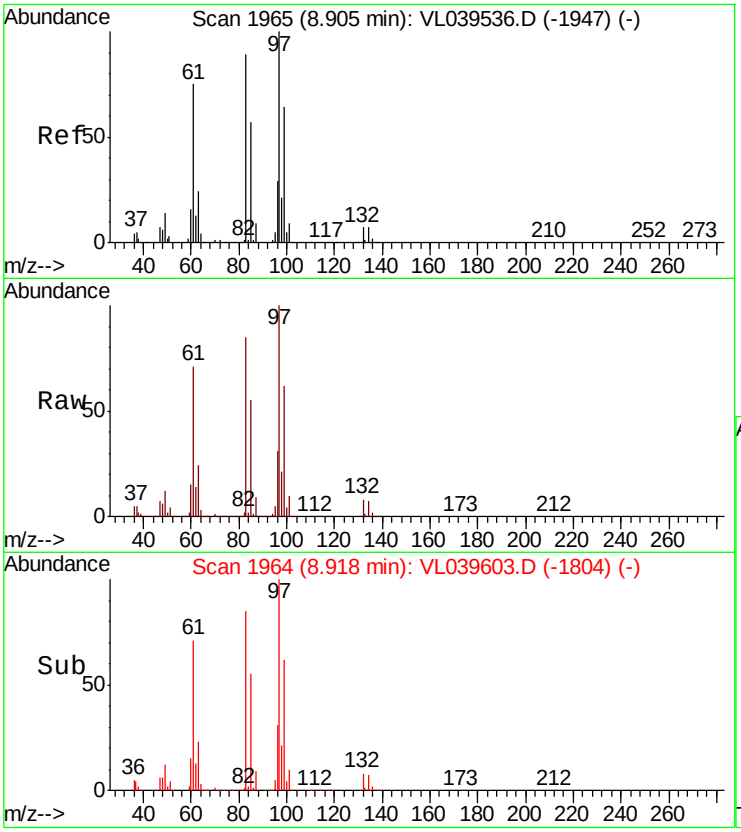


#46
cis-1,3-Dichloropropene
Concen: 12.792 ppbv
RT: 8.16 min Scan# 1729
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 75 Resp: 1156592

Ion	Ratio	Lower	Upper
75	100		
39	64.6	55.0	82.4
77	31.8	25.7	38.5



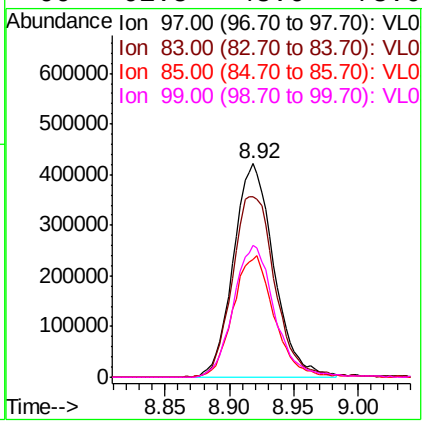


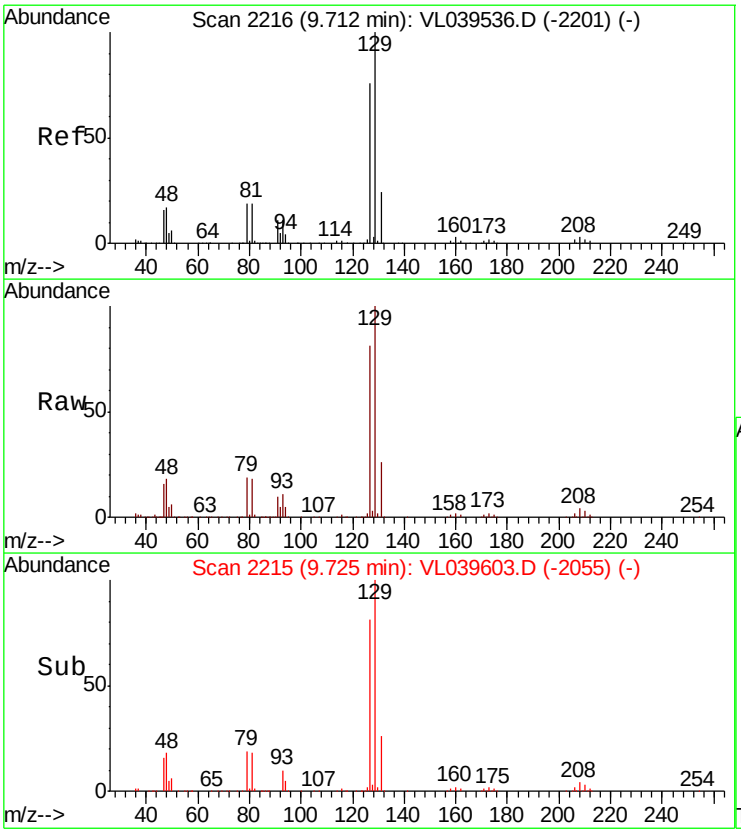
#47
1,1,2-Trichloroethane
Concen: 10.315 ppbv
RT: 8.92
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 920656

Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.0
85	55.3	45.1	67.7
99	61.5	48.6	73.0

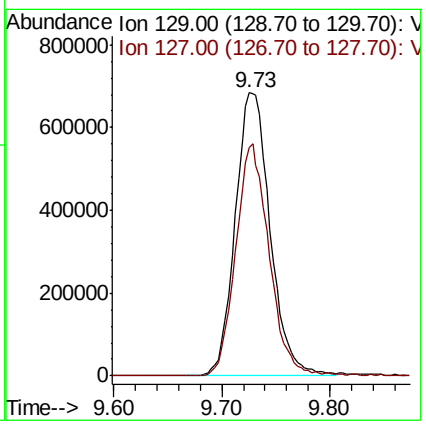


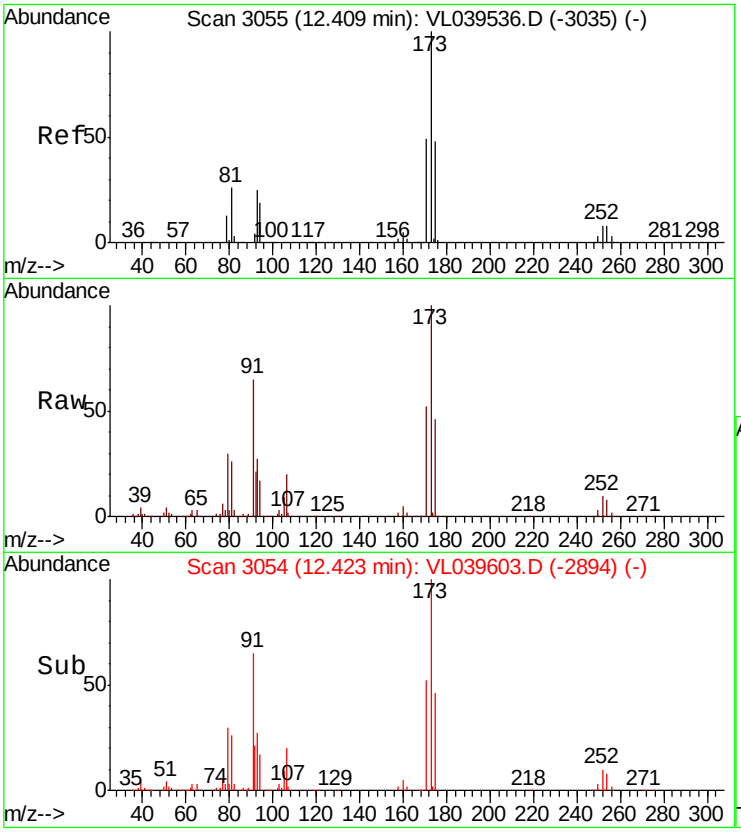


#48
Dibromochloromethane
Concen: 11.720 ppbv
RT: 9.73 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:129 Resp: 1541932

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.3	117.9



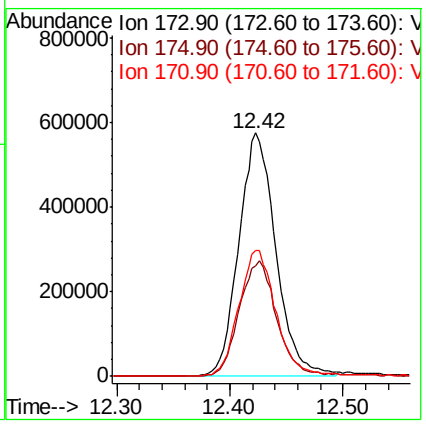


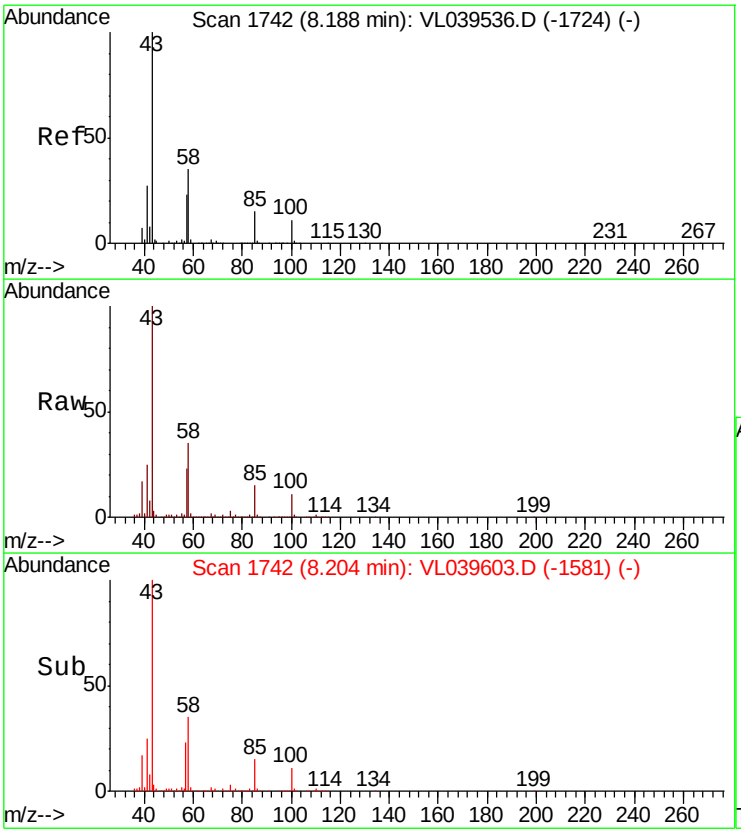
#49
Bromoform
Concen: 12.005 ppbv
RT: 12.42
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1308248

Ion	Ratio	Lower	Upper
173	100		
175	49.0	40.3	60.5
171	53.2	42.9	64.3

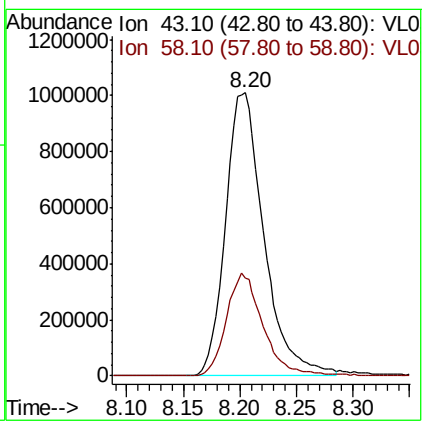


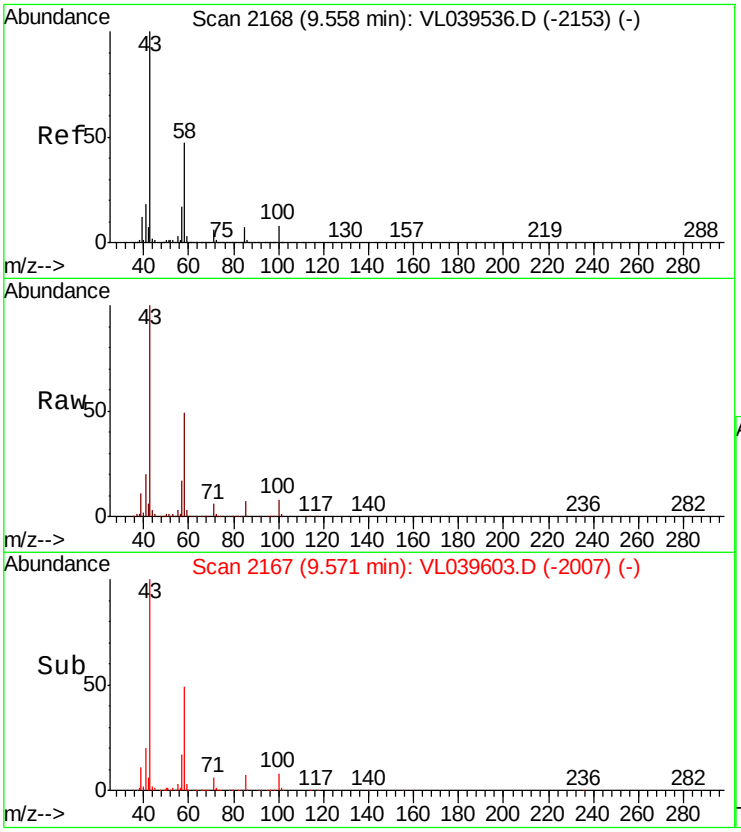


#50
4-Methyl-2-Pentanone
Concen: 11.312 ppbv
RT: 8.20 min Scan# 1742
Delta R.T. 0.02 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 43 Resp: 2388988

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.8	43.2



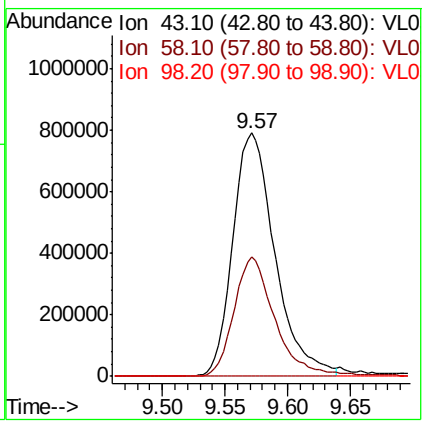


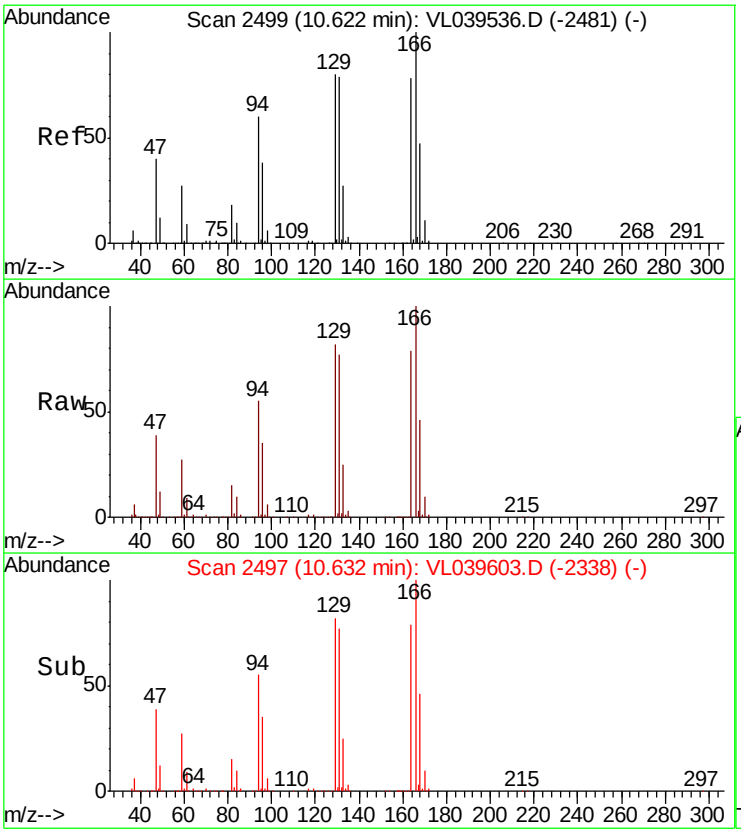
#51
2-Hexanone
Concen: 11.898 ppbv
RT: 9.57
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1849424

Ion	Ratio	Lower	Upper
43	100		
58	47.9	38.4	57.6
98	0.4	0.3	0.5

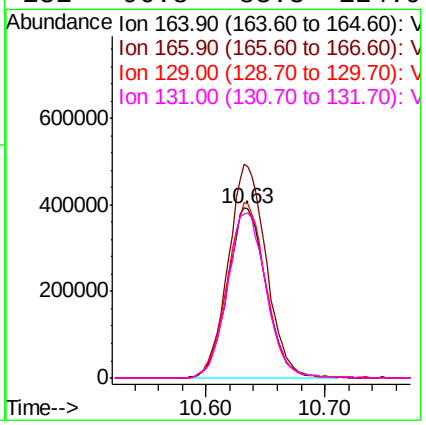


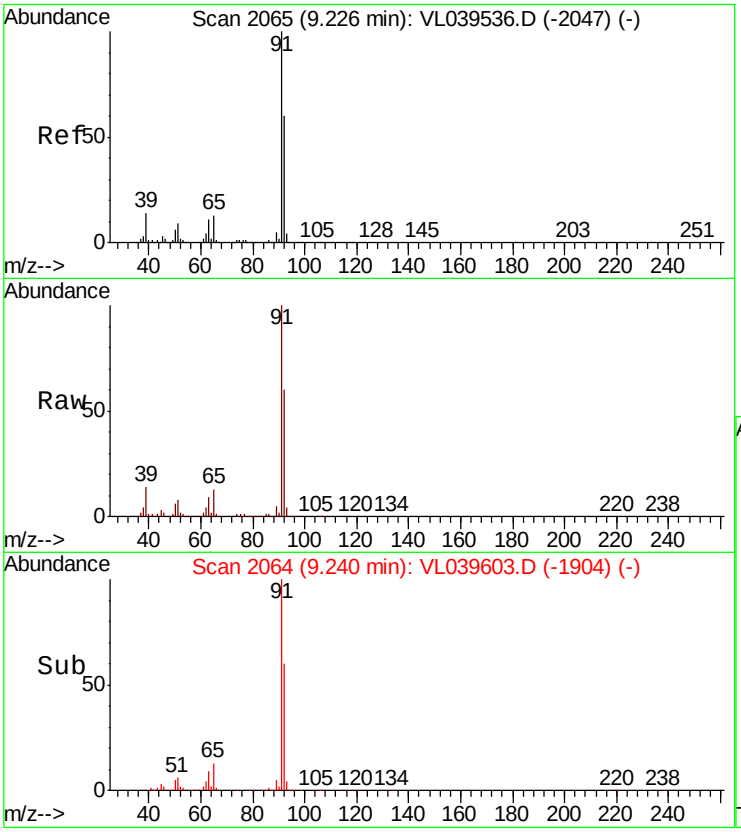


#52
Tetrachloroethene
Concen: 11.119 ppbv
RT: 10.63 min Scan# 2497
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:164 Resp: 874401

Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.2	153.2
129	102.9	85.8	128.8
131	96.8	83.3	124.9



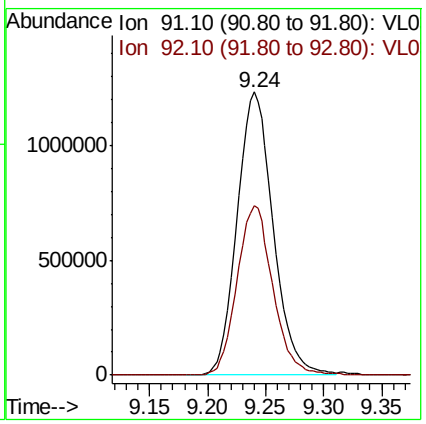


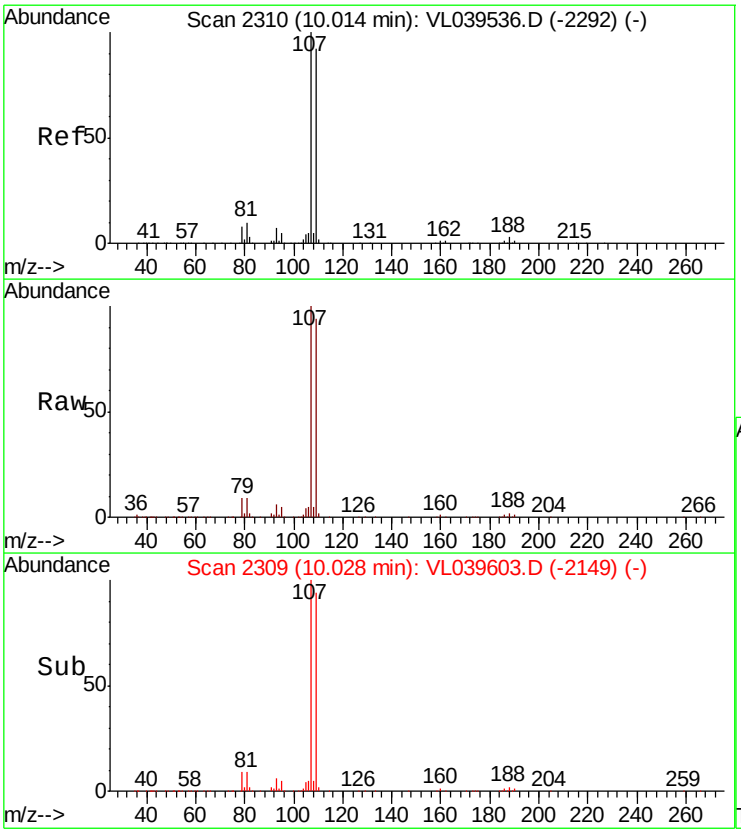
#53
Toluene
Concen: 11.478 ppbv
RT: 9.24
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2670217

Ion	Ratio	Lower	Upper
91	100		
92	59.5	48.2	72.2

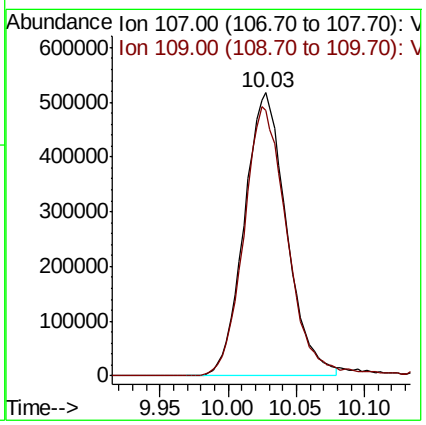


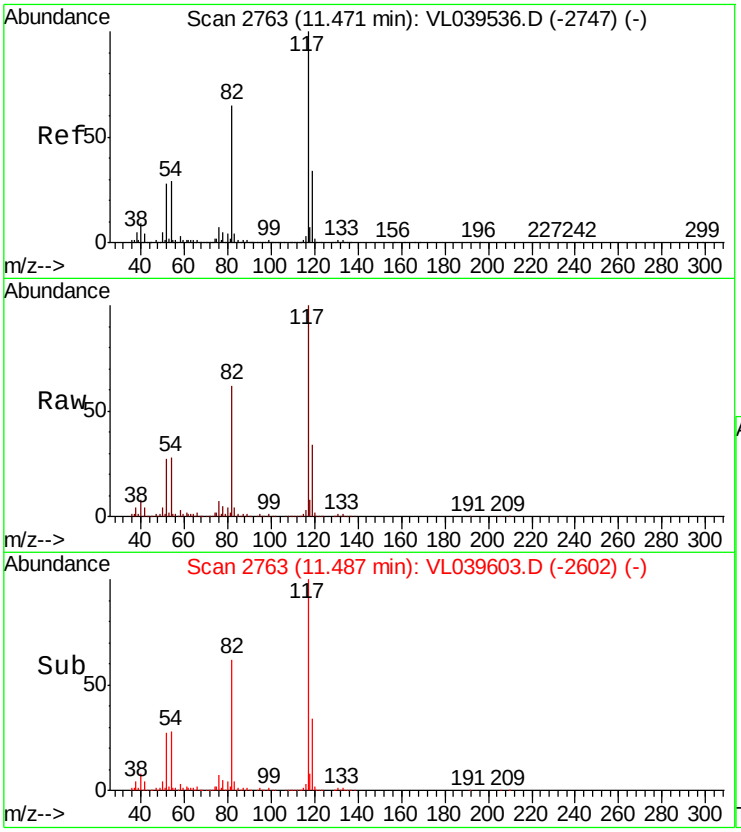


#54
1,2-Dibromoethane
Concen: 11.183 ppbv
RT: 10.03 min Scan# 2309
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:107 Resp: 1116310

Ion	Ratio	Lower	Upper
107	100		
109	93.6	74.8	112.2



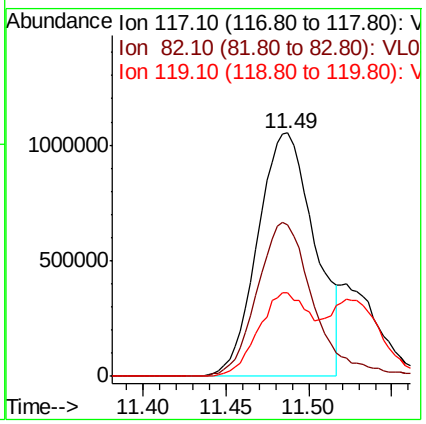


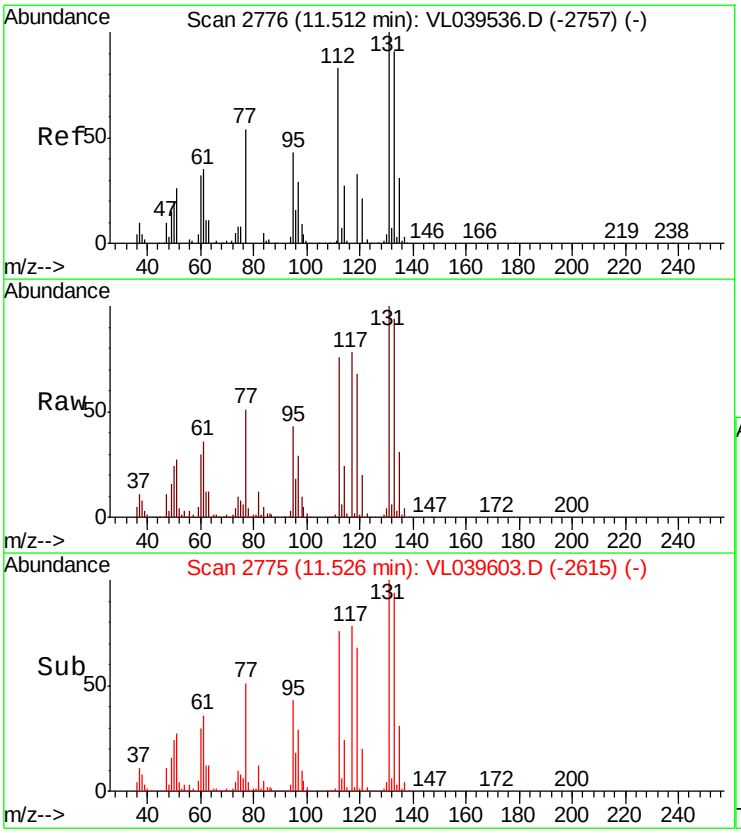
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.49
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2518926

Ion	Ratio	Lower	Upper
117	100		
82	63.6	50.8	76.2
119	30.0	24.1	36.1

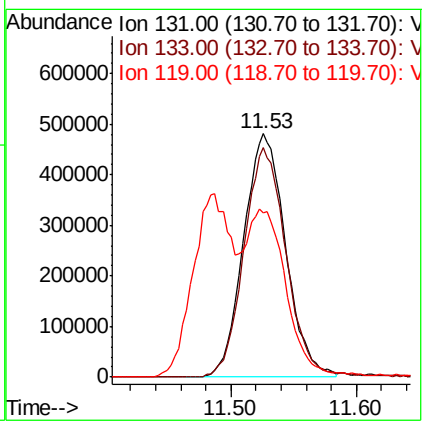


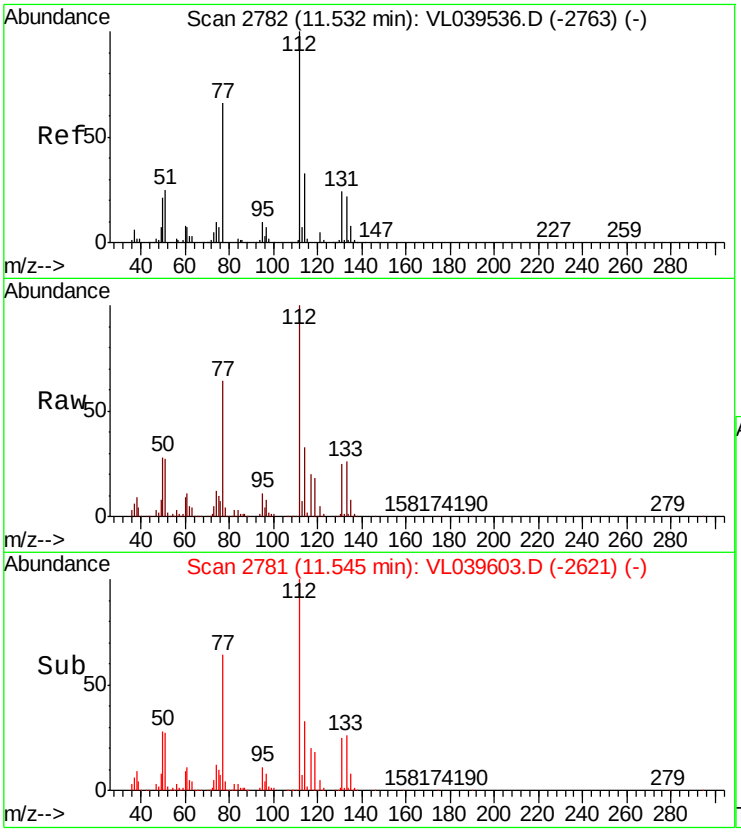


#56
1,1,1,2-Tetrachloroethane
Concen: 10.894 ppbv
RT: 11.53 min Scan# 2775
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:131 Resp: 1114963

Ion	Ratio	Lower	Upper
131	100		
133	95.3	76.8	115.2
119	62.9	46.2	69.4



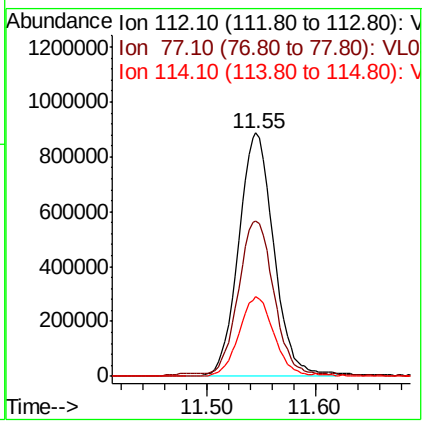


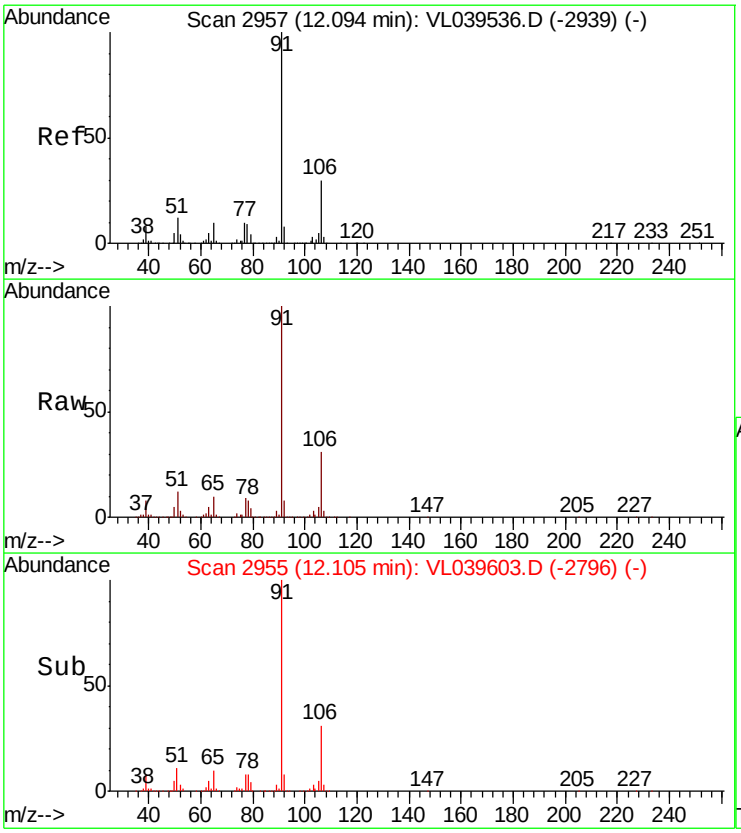
#57
Chlorobenzene
Concen: 10.717 ppbv
RT: 11.55
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 2013983

Ion	Ratio	Lower	Upper
112	100		
77	62.9	51.0	76.4
114	32.8	27.5	33.6

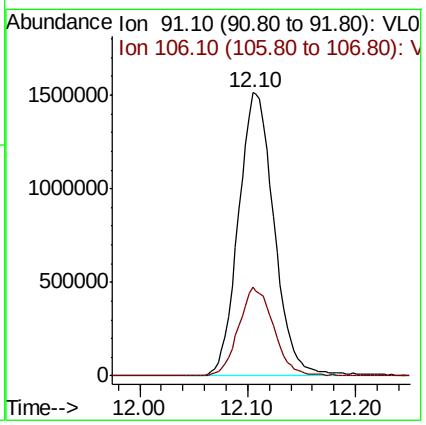


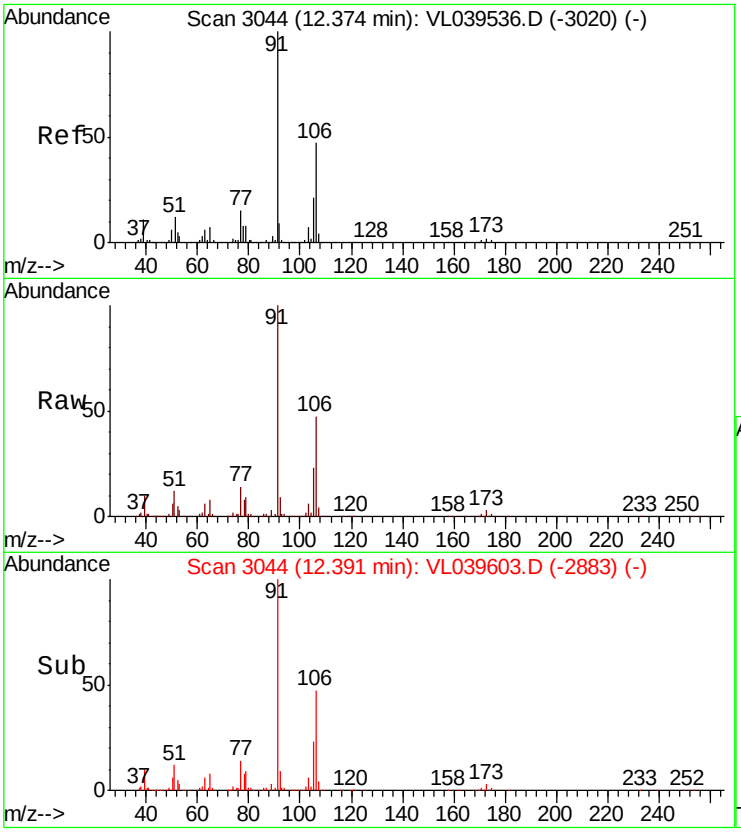


#58
Ethyl Benzene
Concen: 11.989 ppbv
RT: 12.10 min Scan# 2955
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 91 Resp: 3469835

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.4	38.0



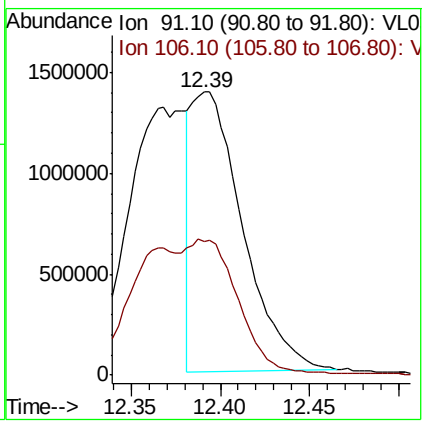


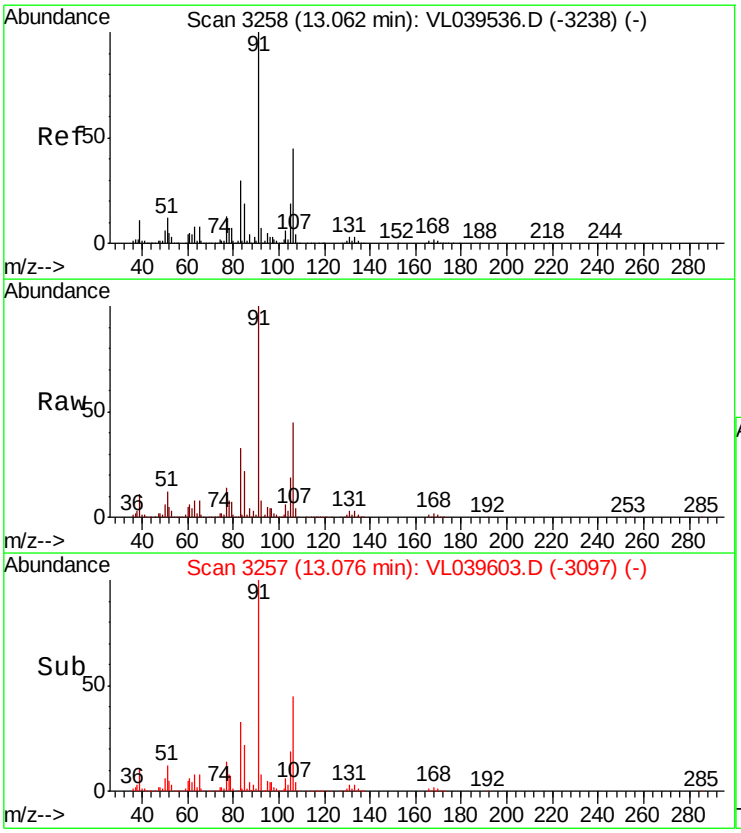
#59
m/p-Xylene
Concen: 10.484 ppbv
RT: 12.39
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2721927

Ion	Ratio	Lower	Upper
91	100		
106	98.6	35.4	53.2#

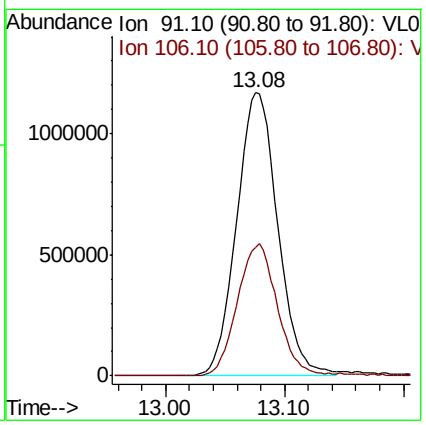


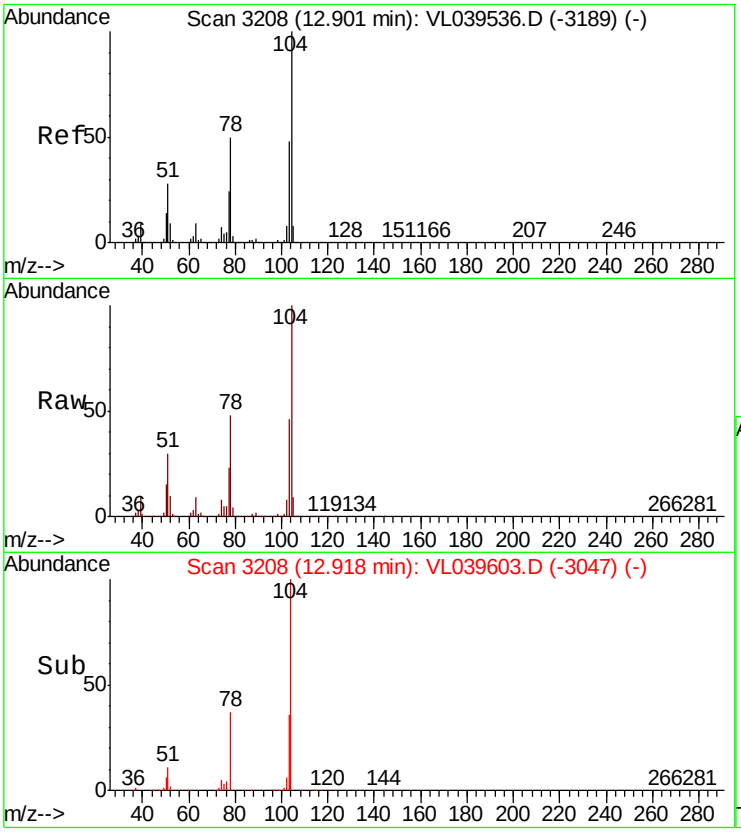


#60
o-Xylene
Concen: 11.217 ppbv
RT: 13.08 min Scan# 3257
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 91 Resp: 2795521

Ion	Ratio	Lower	Upper
91	100		
106	46.4	22.4	67.3



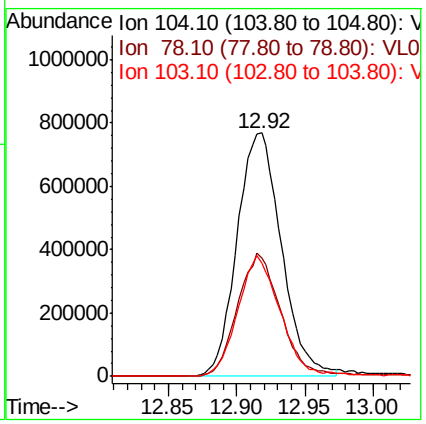


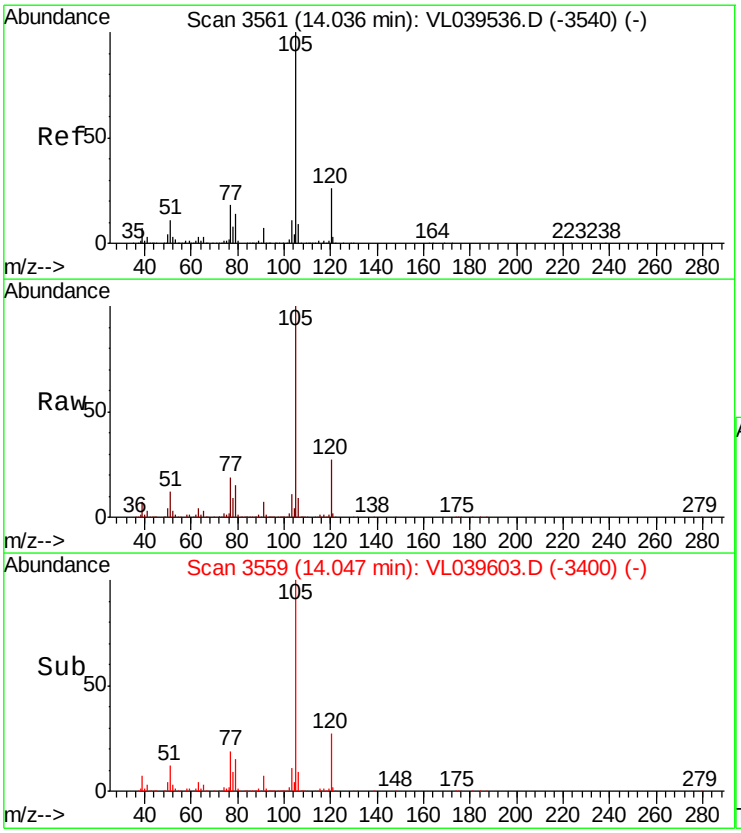
#61
Stvrene
Concen: 13.077 ppbv
RT: 12.92
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1735808

Ion	Ratio	Lower	Upper
104	100		
78	49.8	41.2	61.8
103	48.0	38.7	58.1

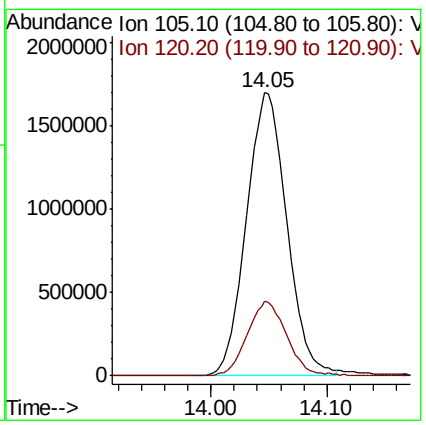


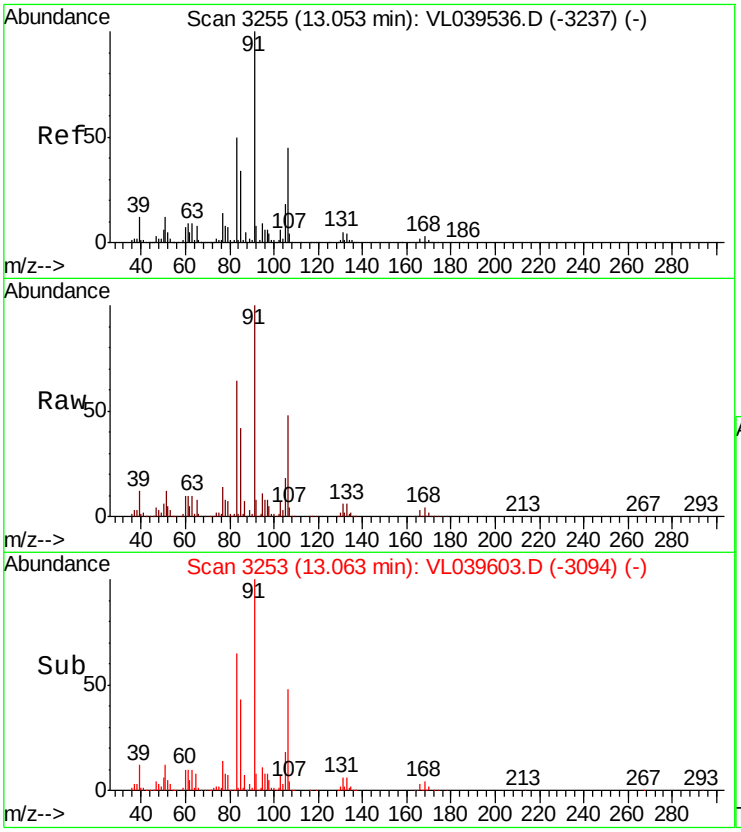


#62
Isopropylbenzene
Concen: 10.910 ppbv
RT: 14.05 min Scan# 3559
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:105 Resp: 4111699

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.7	31.1



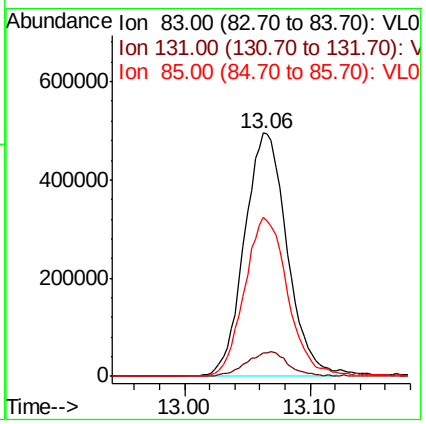


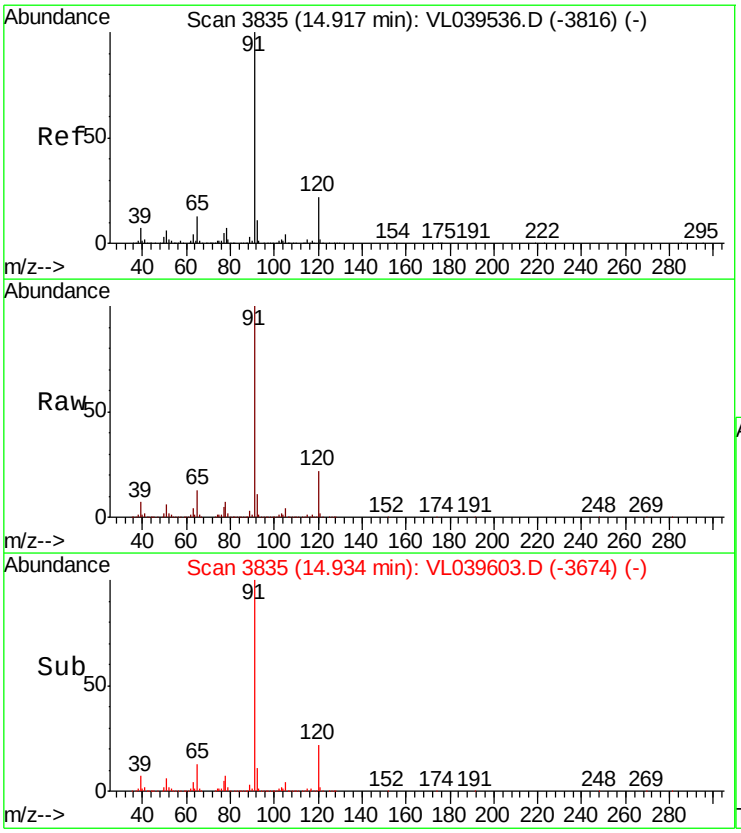
#63
1,1,2,2-Tetrachloroethane
Concen: 9.907 ppbv
RT: 13.06
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1169217

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.3	15.8
85	67.2	33.1	99.5

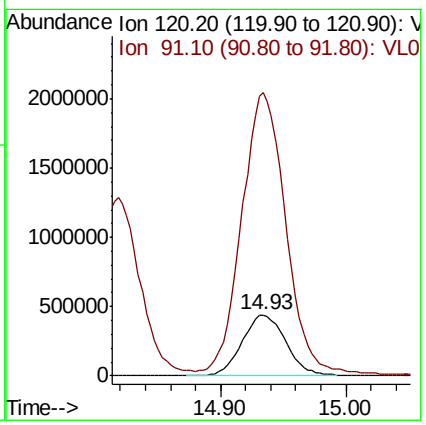


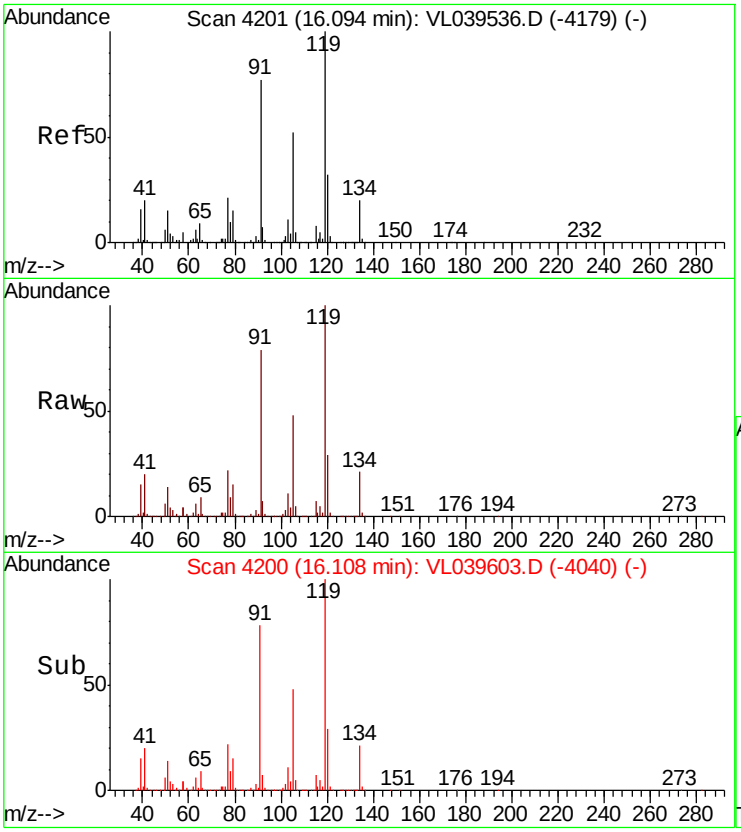


#64
n-propylbenzene
Concen: 10.900 ppbv
RT: 14.93 min Scan# 3835
Delta R.T. 0.02 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:120 Resp: 1067651

Ion	Ratio	Lower	Upper
120	100		
91	475.7	367.2	550.8



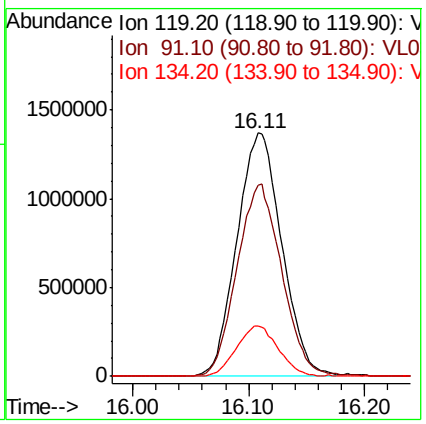


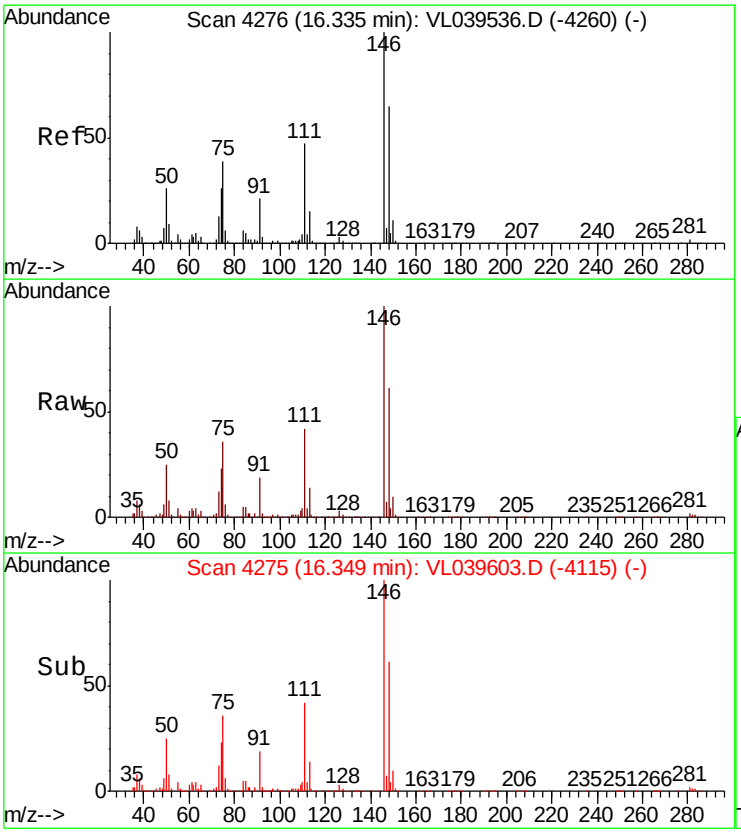
#65
tert-Butylbenzene
Concen: 10.999 ppbv
RT: 16.11
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3684778

Ion	Ratio	Lower	Upper
119	100		
91	79.0	63.4	95.2
134	19.6	15.9	23.9

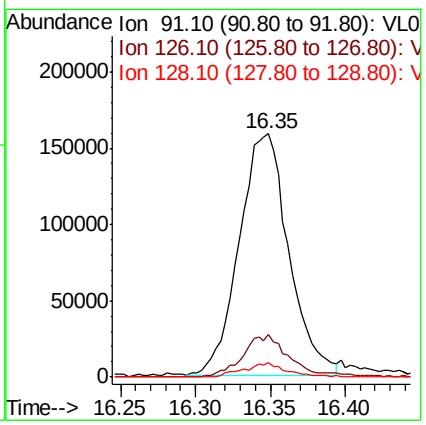


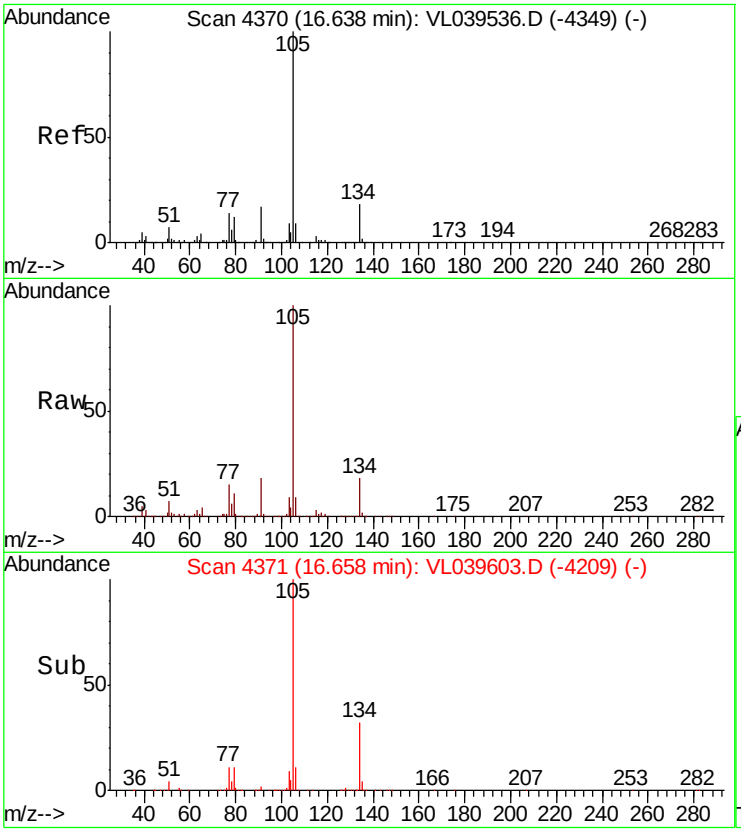


#66
Benzyl Chloride
Concen: 13.388 ppbv
RT: 16.35 min Scan# 4275
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 91 Resp: 364327

Ion	Ratio	Lower	Upper
91	100		
126	17.3	13.1	19.7
128	5.2	4.4	6.6



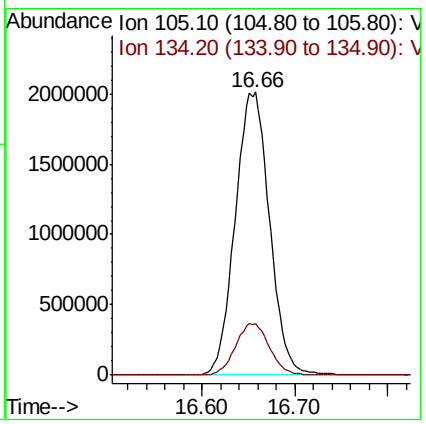


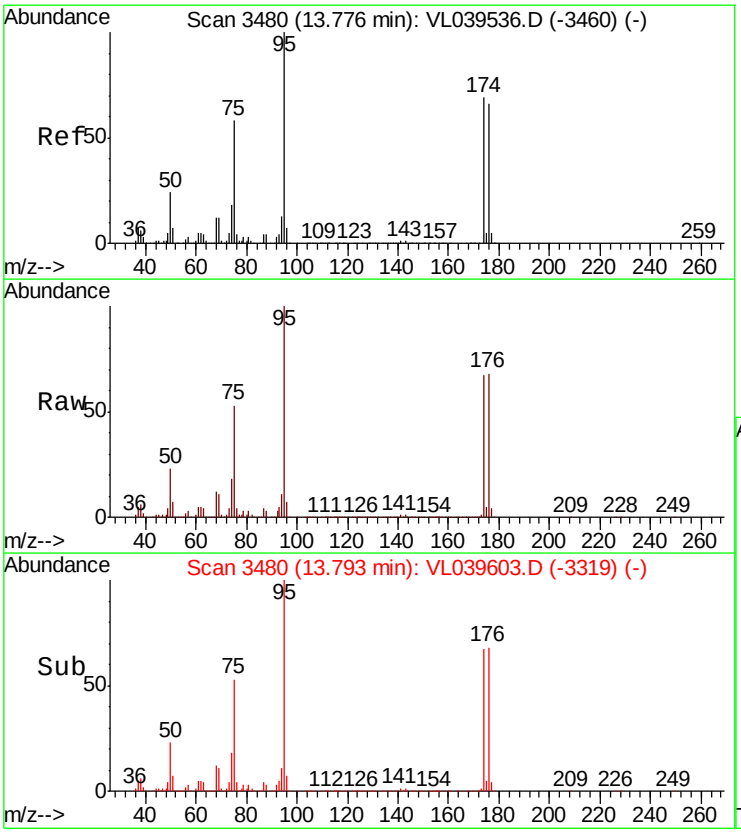
#67
sec-Butylbenzene
Concen: 10.885 ppbv
RT: 16.66
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 5164697

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.8	22.2

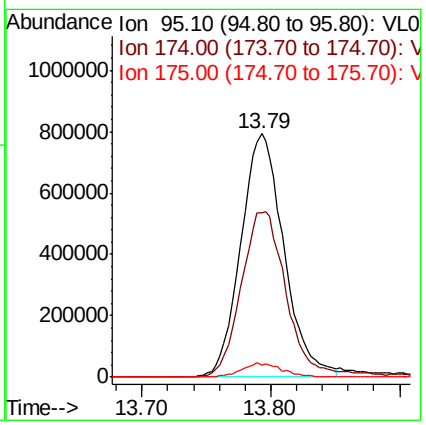


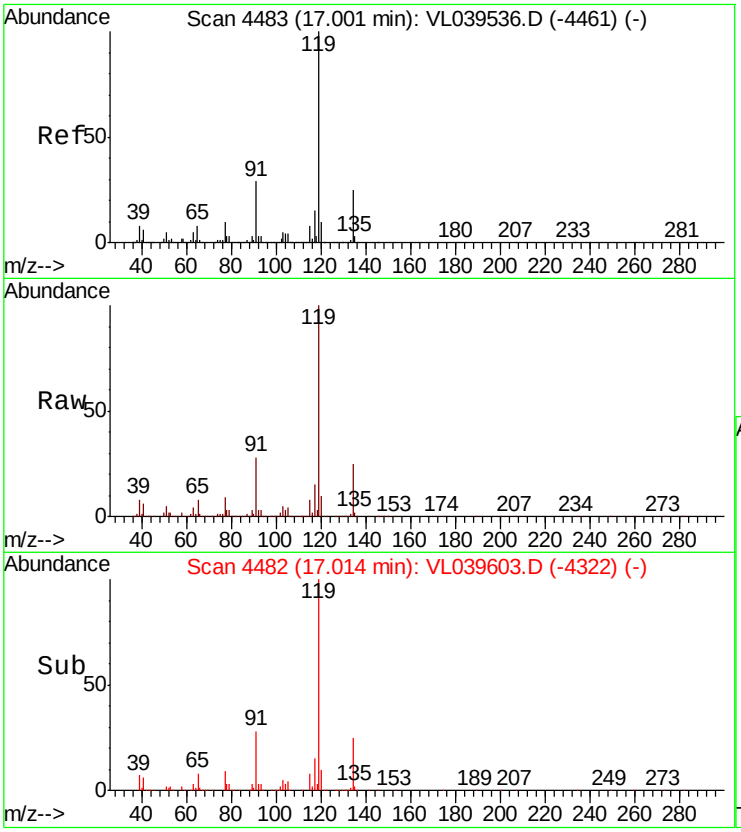


#68
1-Bromo-4-Fluorobenzene
Concen: 9.712 ppbv
RT: 13.79 min Scan# 3480
Delta R.T. 0.02 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 95 Resp: 1845602

Ion	Ratio	Lower	Upper
95	100		
174	73.1	55.9	83.9
175	5.5	4.2	6.4



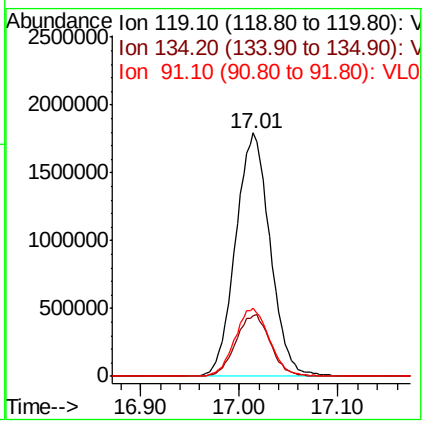


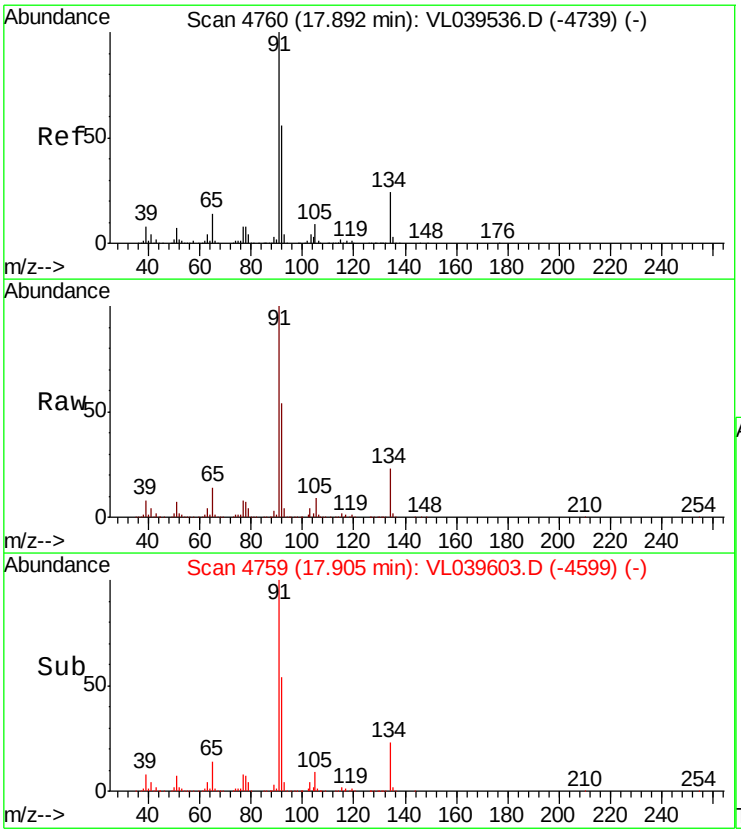
#69
p-Isopropyltoluene
Concen: 11.008 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4335872

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.3	30.5
91	28.0	22.9	34.3

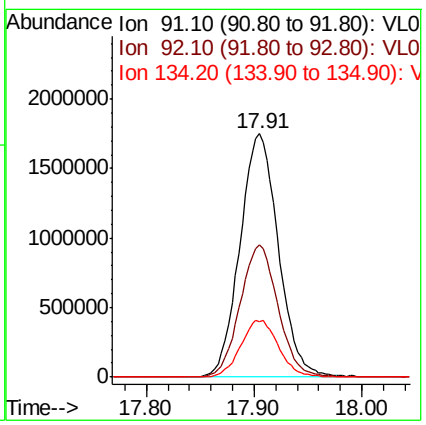


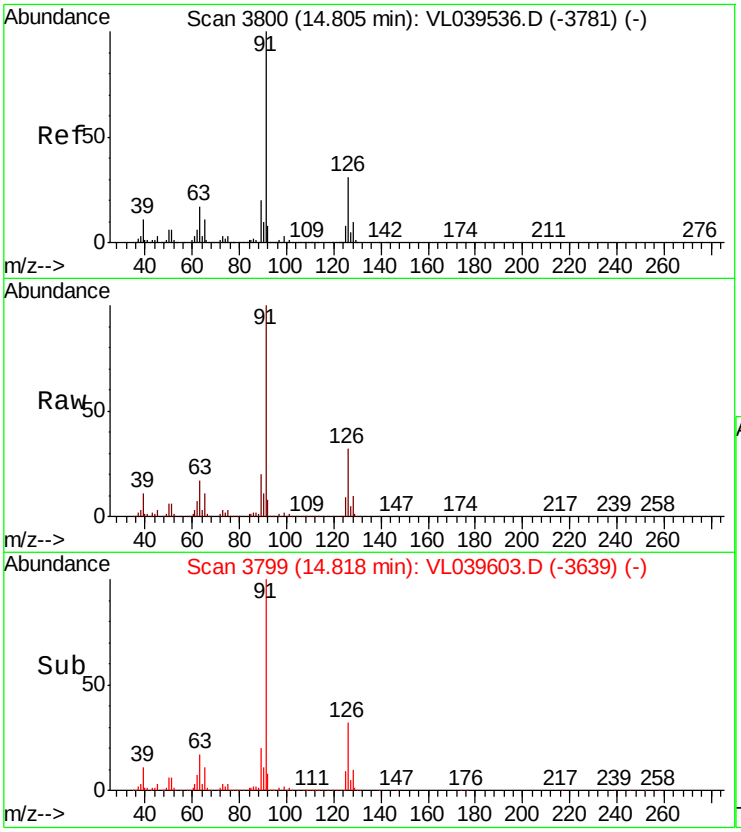


#70
n-Butylbenzene
Concen: 11.033 ppbv
RT: 17.91 min Scan# 4759
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 91 Resp: 4323498

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.4	65.2
134	23.1	18.9	28.3



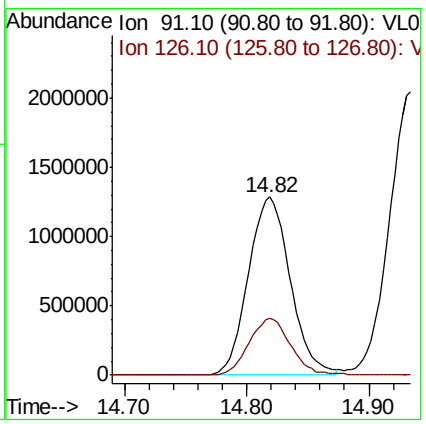


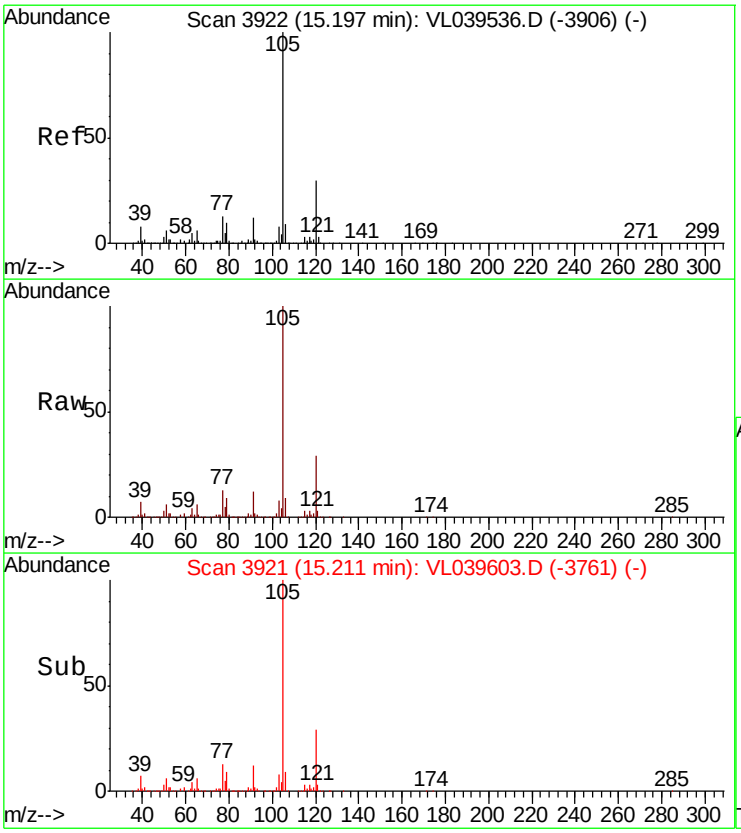
#71
2-Chlorotoluene
Concen: 11.180 ppbv
RT: 14.82
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3051614

Ion	Ratio	Lower	Upper
91	100		
126	32.5	13.0	51.8

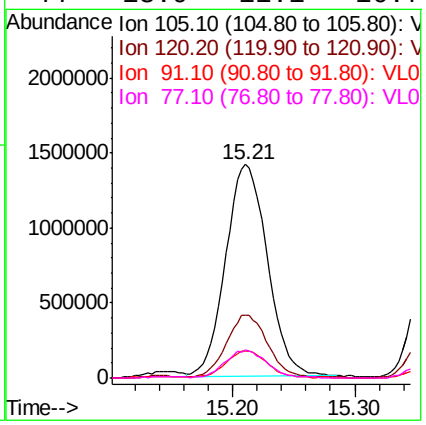


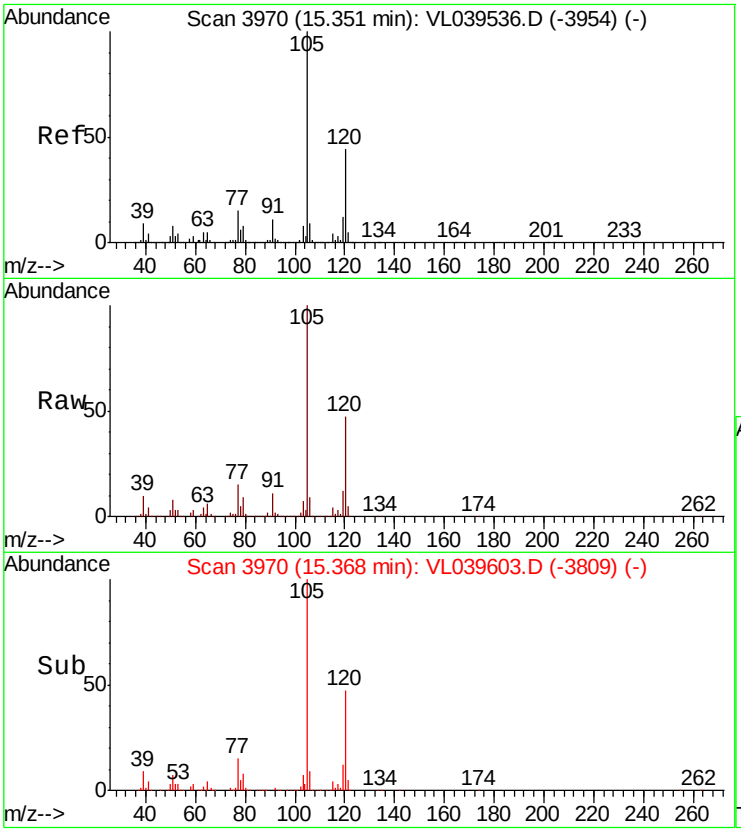


#72
4-Ethyltoluene
Concen: 11.524 ppbv
RT: 15.21 min Scan# 3921
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:105 Resp: 3358340

Ion	Ratio	Lower	Upper
105	100		
120	29.7	24.2	36.2
91	12.4	10.2	15.4
77	13.9	11.1	16.7



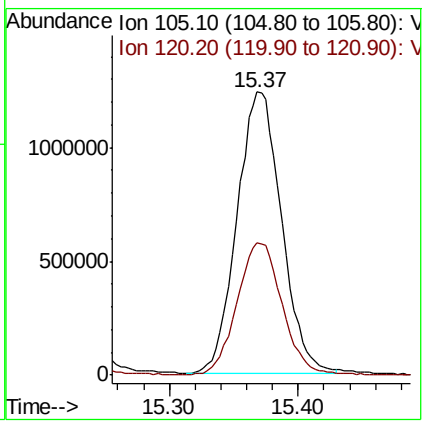


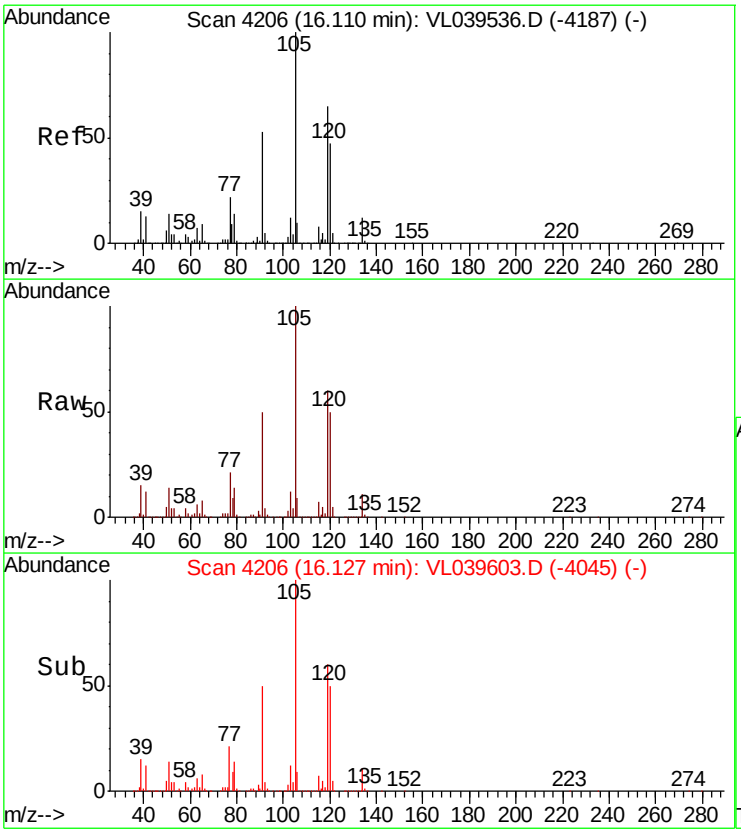
#73
1,3,5-Trimethylbenzene
Concen: 11.153 ppbv
RT: 15.37
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2970144

Ion	Ratio	Lower	Upper
105	100		
120	47.0	38.2	57.4

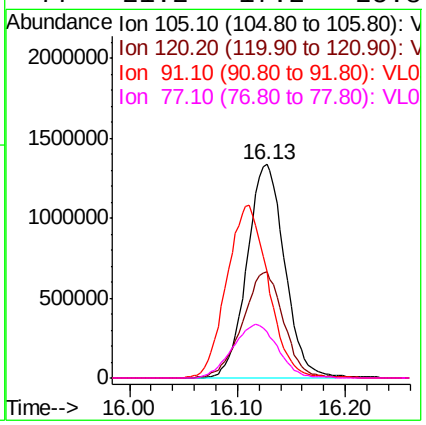


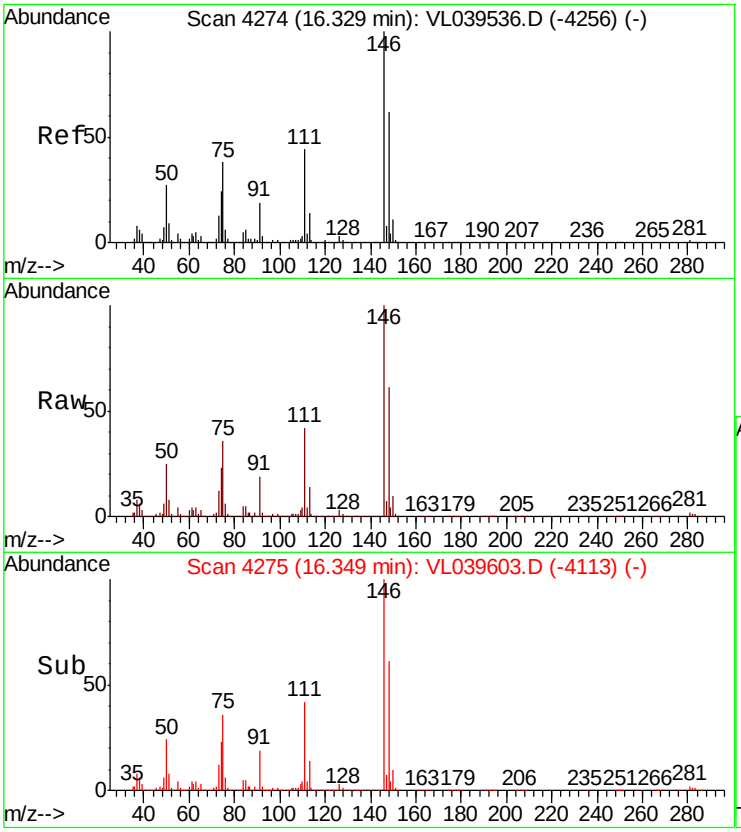


#74
1,2,4-Trimethylbenzene
Concen: 10.897 ppbv
RT: 16.13 min Scan# 4206
Delta R.T. 0.02 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:105 Resp: 3233669

Ion	Ratio	Lower	Upper
105	100		
120	49.9	39.5	59.3
91	49.4	39.2	58.8
77	21.2	17.2	25.8



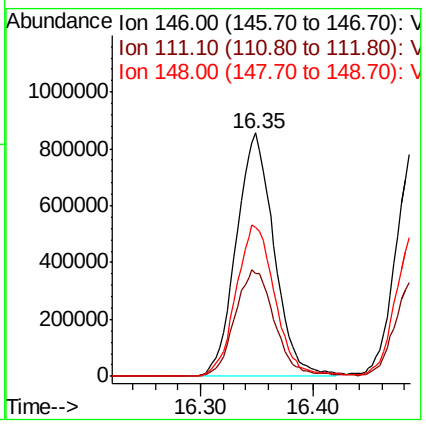


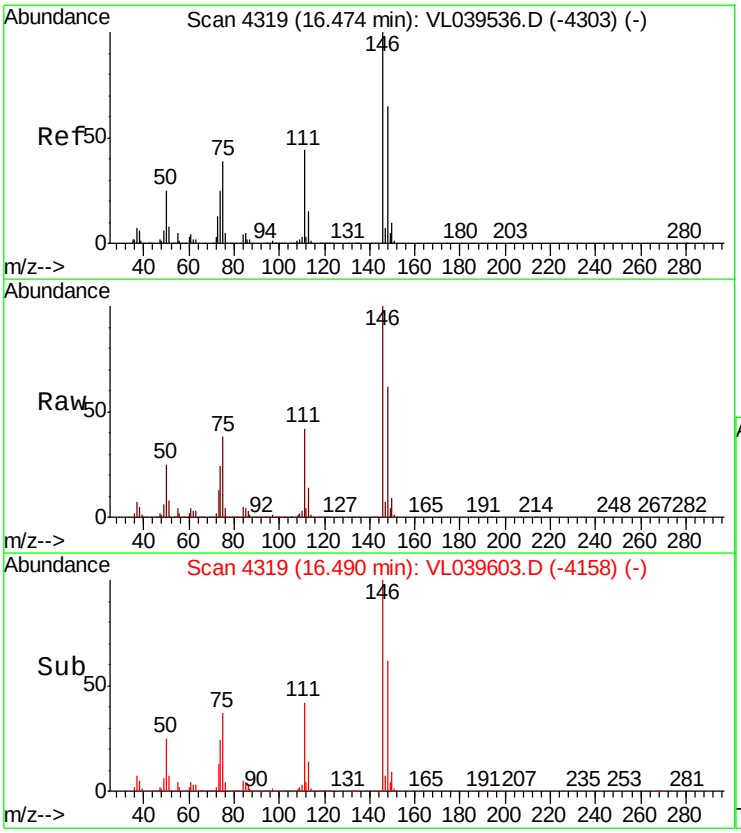
#75
1,3-Dichlorobenzene
Concen: 11.032 ppbv
RT: 16.35
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1990362

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.7
148	64.0	32.1	96.5

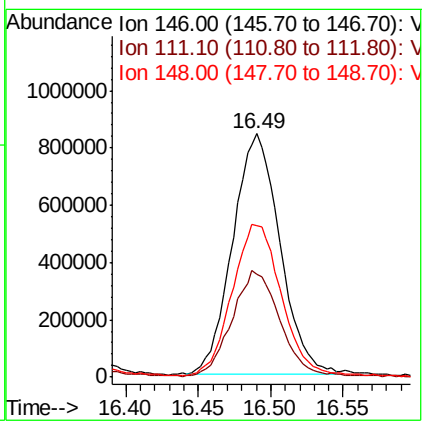


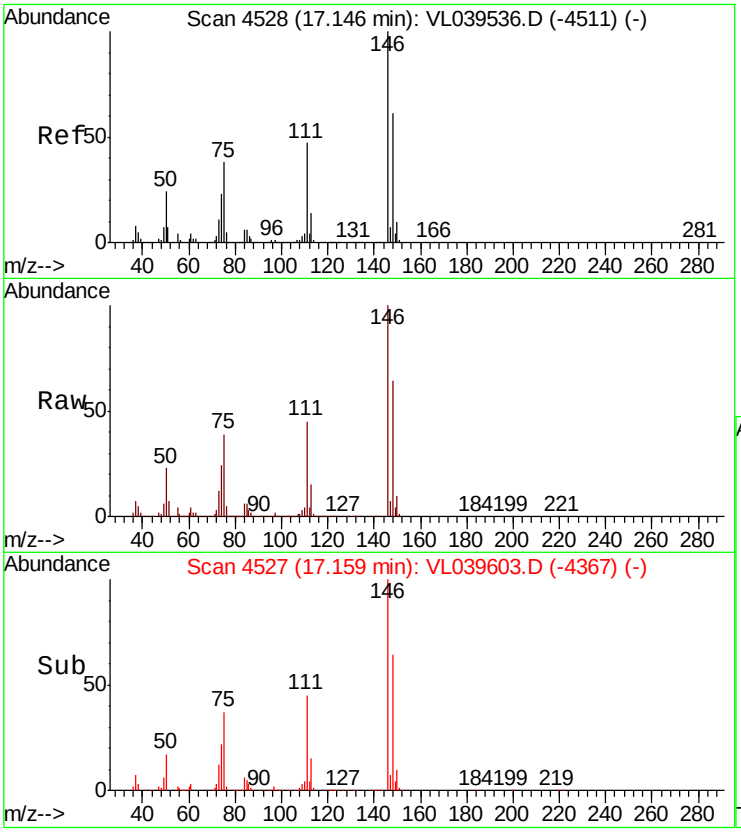


#76
1,4-Dichlorobenzene
Concen: 10.605 ppbv
RT: 16.49 min Scan# 4319
Delta R.T. 0.02 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:146 Resp: 1906250

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.9	68.8
148	67.3	33.6	100.8



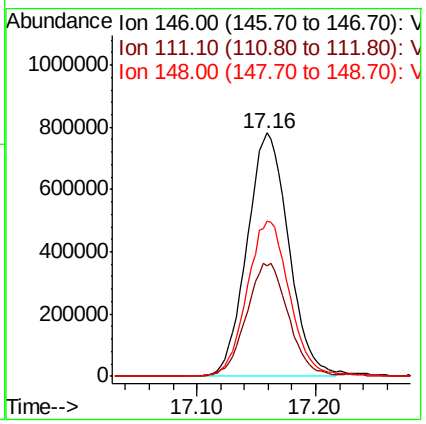


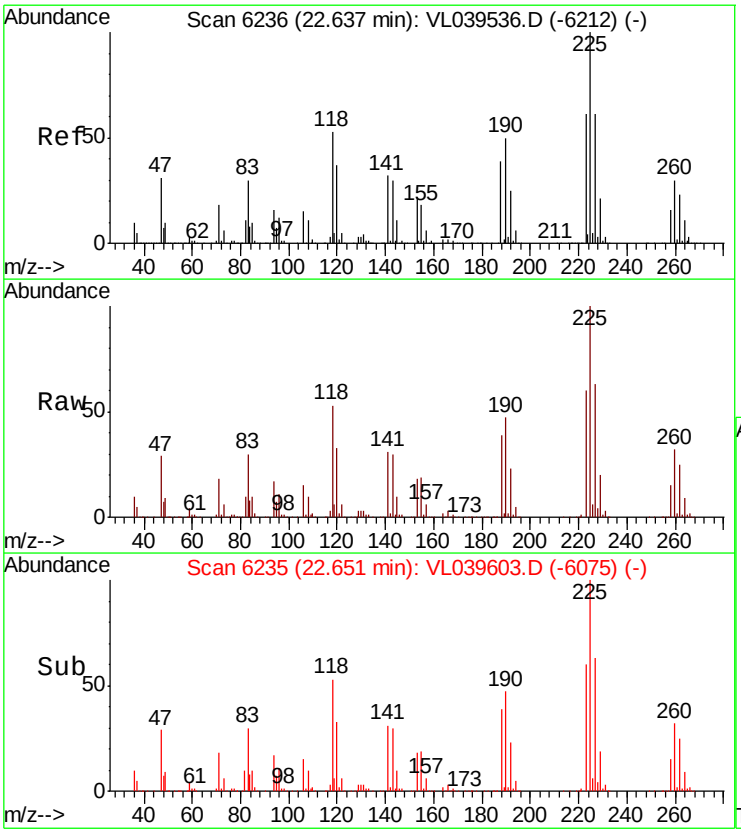
#77
1,2-Dichlorobenzene
Concen: 10.689 ppbv
RT: 17.16
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1888399

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.8	71.5
148	65.2	32.3	96.8

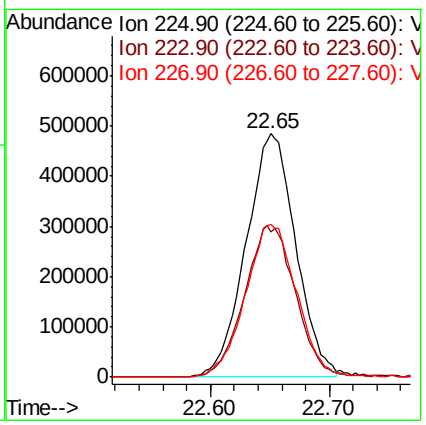


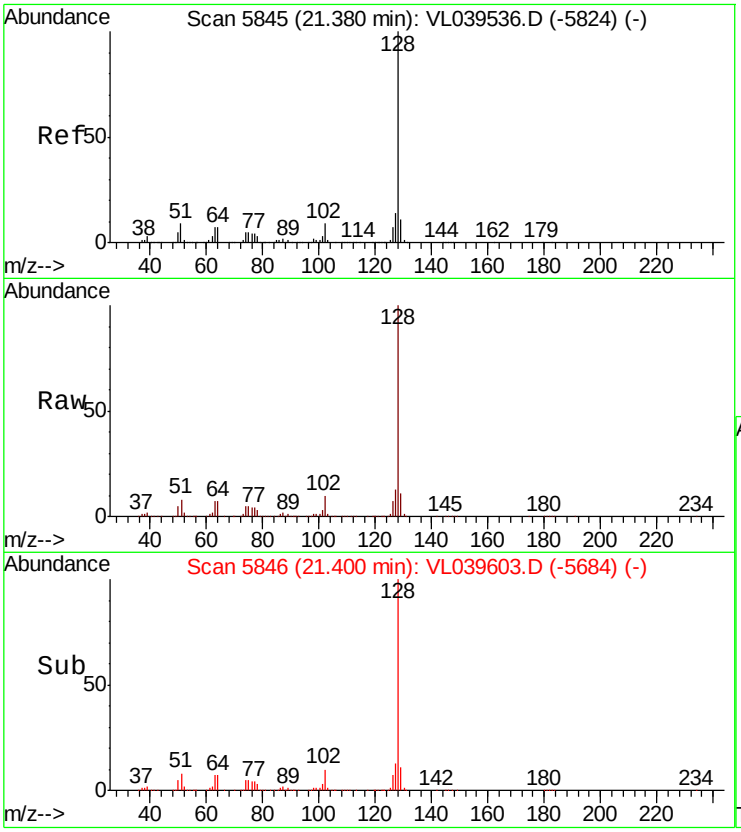


#78
Hexachloro-1,3-Butadiene
Concen: 9.857 ppbv
RT: 22.65 min Scan# 6235
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:225 Resp: 1386807

Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.8	77.6
227	65.4	51.4	77.2



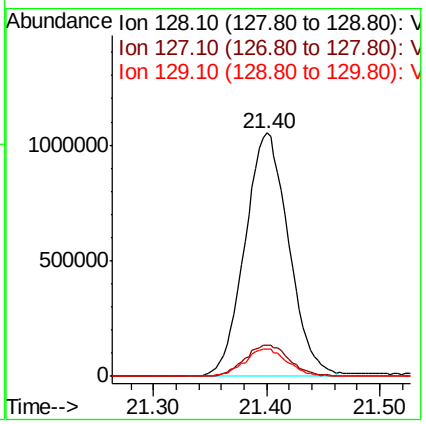


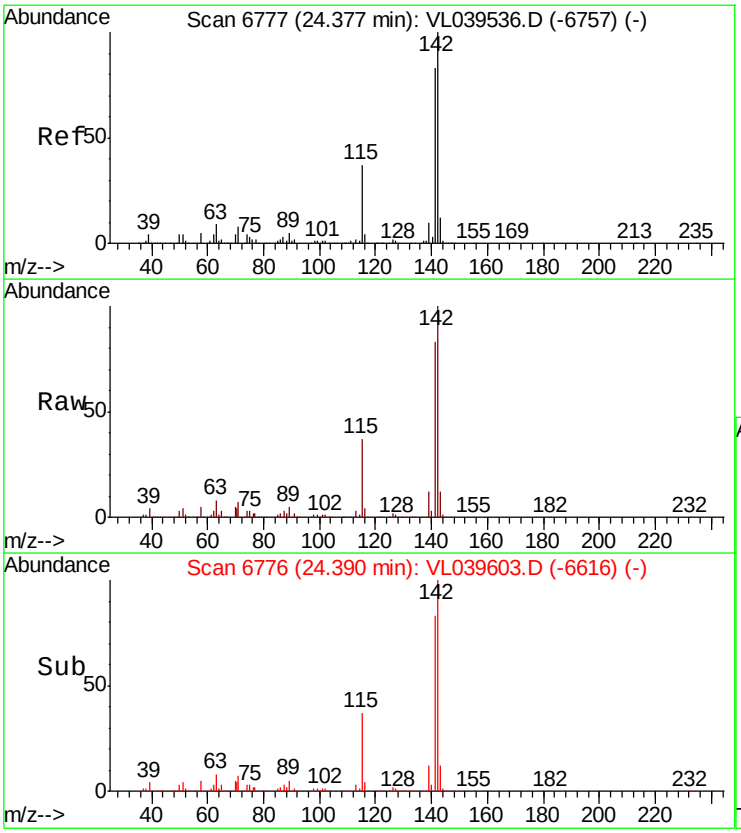
#79
Naphthalene
Concen: 13.376 ppbv
RT: 21.40
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2826716

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.1	8.8	13.2

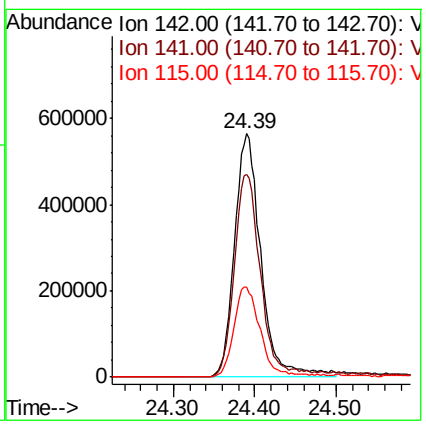


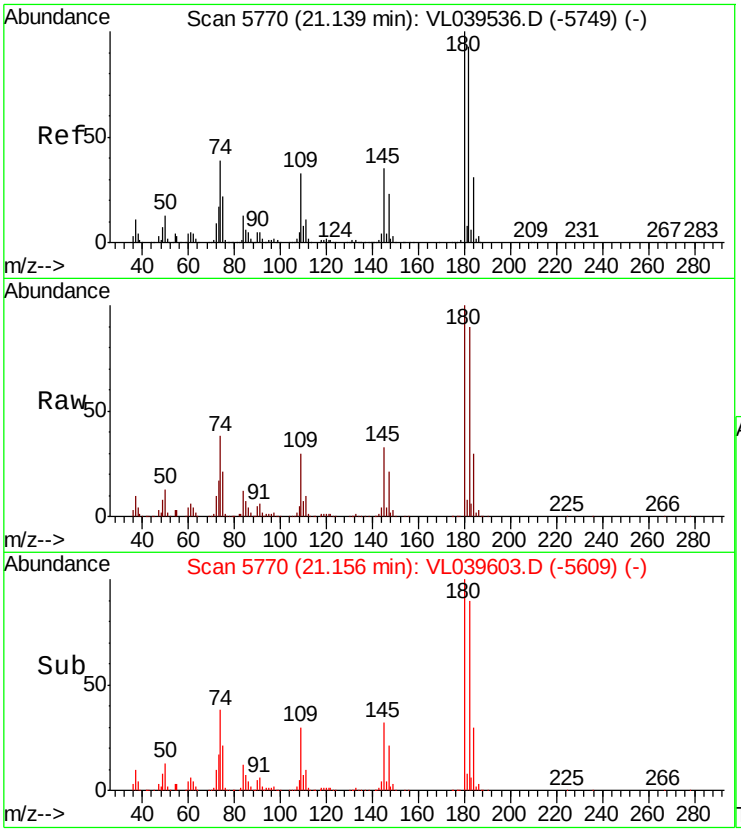


#80
Naphthalene,2-methyl-
Concen: 14.765 ppbv
RT: 24.39 min Scan# 6776
Delta R.T. 0.01 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:142 Resp: 1266352

Ion	Ratio	Lower	Upper
142	100		
141	84.5	68.9	103.3
115	37.8	30.0	45.0





#81
1,2,4-Trichlorobenzene
Concen: 11.300 ppbv
RT: 21.16
Delta R.T
Lab File:
Acq: 31 Aug 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1594681

Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.1	115.7
184	31.1	24.3	36.5