Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039400.D
Acq On : 29 Jun 2022 15:43
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Jun 29 16:13:09 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1298009	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3620327	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	3495916	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2670213	9.24	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	2039210	8.94	ppbv		99
3) Chlorodifluoromethane	2.98	51	2134955	12.93	ppbv		99
4) Chloromethane	3.13	50	1164847	13.73	ppbv		100
5) Vinyl Chloride	3.25	62	1106838	13.96	ppbv		98
6) Bromomethane	3.47	94	532227	13.64	ppbv		97
7) Chloroethane	3.55	64	428502	15.51	ppbv		99
8) Dichlorotetrafluoroethane	3.18	85	2593519	12.45	ppbv		98
9) Propene	3.00	41	957680	13.30	ppbv		98
10) Heptane	8.11	43	2508925	14.93	ppbv		99
11) Trichlorofluoromethane	3.94	101	2788912	13.51	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	2064908	15.13	ppbv		100
13) Ethanol	3.60	45	56846	14.47	ppbv		86
14) Bromoethene	3.73	108	885432	14.43	ppbv		99
15) Acetone	3.83	43	2062369	15.25	ppbv		99
16) 1,3-Butadiene	3.32	39	1087498	14.96	ppbv		99
17) tert-Butyl alcohol	4.27	59	1729485	16.49	ppbv		100
18) 1,1-Dichloroethene	4.28	96	950977	15.53	ppbv		98
19) Isopropyl Alcohol	3.95	45	1030834	16.25	ppbv	#	96
20) Methylene Chloride	4.33	84	779884	13.69	ppbv		97
21) Allyl Chloride	4.40	41	1474564	16.17	ppbv		99
22) trans-1,2-Dichloroethene	4.87	96	962168	16.33	ppbv		98
23) Vinyl Acetate	5.06	43	1628546	14.56	ppbv		98
24) 1,1-Dichloroethane	5.00	63	2015508	13.15	ppbv		98
25) Ethyl Acetate	5.66	43	4464769	14.65	ppbv		100
26) Hexane	5.67	57	1918167	14.32	ppbv		98
27) Carbon Disulfide	4.54	76	2348354	16.92	ppbv		100
28) Methyl tert-Butyl Ether	5.02	73	1924717	13.02	ppbv		97
29) Chloroform	5.74	83	2987829	13.26	ppbv		100
30) Cyclohexane	7.12	84	1622125	14.42	ppbv		99
31) cis-1,2-Dichloroethene	5.54	61	1905004	13.95	ppbv		99
32) 1,1,1-Trichloroethane	6.49	97	3042543	13.80	ppbv		99
34) 2-Butanone	5.23	43	2698864	13.72	ppbv		99
35) Carbon Tetrachloride	7.01	117	3278903	12.41	ppbv		98
36) Benzene	6.88	78	3937047	13.40	ppbv		98
37) 1,2-Dichloroethane	6.29	62	2307365	11.93	ppbv		100
38) Trichloroethene	7.82	130	2096949	15.53	ppbv		98
39) 1,2-Dichloropropane	7.60	63	1472491	12.60	ppbv		94
40) 1,4-Dioxane	7.81	88	588495	15.29	ppbv		98
41) Tetrahydrofuran	6.03	42	1583359	13.39	ppbv		99
42) Bromodichloromethane	7.78	83	3335661	12.43	ppbv		98
43) Methyl Methacrylate	8.00	69	1639390	14.32	ppbv		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039400.D
Acq On : 29 Jun 2022 15:43
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Jun 29 16:13:09 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	6491948	12.63	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	1788143	15.00	ppbv		100
46) cis-1,3-Dichloropropene	8.69	75	2251468	14.29	ppbv		99
47) 1,1,2-Trichloroethane	9.46	97	1650277	13.53	ppbv		99
48) Dibromochloromethane	10.29	129	3015383	13.85	ppbv		99
49) Bromoform	13.02	173	2570346	14.16	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	4198224	14.26	ppbv		100
51) 2-Hexanone	10.11	43	3355786	14.65	ppbv	#	100
52) Tetrachloroethene	11.21	164	1562014	13.61	ppbv		98
53) Toluene	9.79	91	4764490	14.08	ppbv		99
54) 1,2-Dibromoethane	10.60	107	2238808	13.66	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.11	131	2153710	13.02	ppbv	#	71
57) Chlorobenzene	12.13	112	3675563	13.97	ppbv		98
58) Ethyl Benzene	12.69	91	6367091	13.22	ppbv		100
59) m/p-Xylene	12.98	91	5704309	13.45	ppbv	#	34
60) o-Xylene	13.67	91	5264420	13.21	ppbv		98
61) Styrene	13.51	104	3286506	15.40	ppbv		99
62) Isopropylbenzene	14.65	105	7706444	13.01	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2508275	11.21	ppbv		99
64) n-propylbenzene	15.54	120	2102128	14.44	ppbv		93
65) tert-Butylbenzene	16.73	119	7029250	12.98	ppbv		99
66) Benzyl Chloride	16.97	91	1039433	14.76	ppbv		100
67) sec-Butylbenzene	17.27	105	9551592	12.93	ppbv		98
69) p-Isopropyltoluene	17.63	119	8292354	13.30	ppbv		99
70) n-Butylbenzene	18.53	91	8241091	12.88	ppbv		98
71) 2-Chlorotoluene	15.44	91	5794999	12.83	ppbv		99
72) 4-Ethyltoluene	15.82	105	6450718	13.81	ppbv		100
73) 1,3,5-Trimethylbenzene	15.98	105	5767820	13.69	ppbv		98
74) 1,2,4-Trimethylbenzene	16.74	105	6196663	13.18	ppbv		98
75) 1,3-Dichlorobenzene	16.98	146	3827720	14.39	ppbv		100
76) 1,4-Dichlorobenzene	17.12	146	3814033	14.37	ppbv		97
77) 1,2-Dichlorobenzene	17.80	146	3726362	13.90	ppbv		100
78) Hexachloro-1,3-Butadiene	23.36	225	2683975	10.95	ppbv		99
79) Naphthalene	22.17	128	5533602	15.29	ppbv		99
80) Naphthalene,2-methyl-	24.95	142	2116676	15.74	ppbv		96
81) 1,2,4-Trichlorobenzene	21.90	180	3116399	13.59	ppbv		99

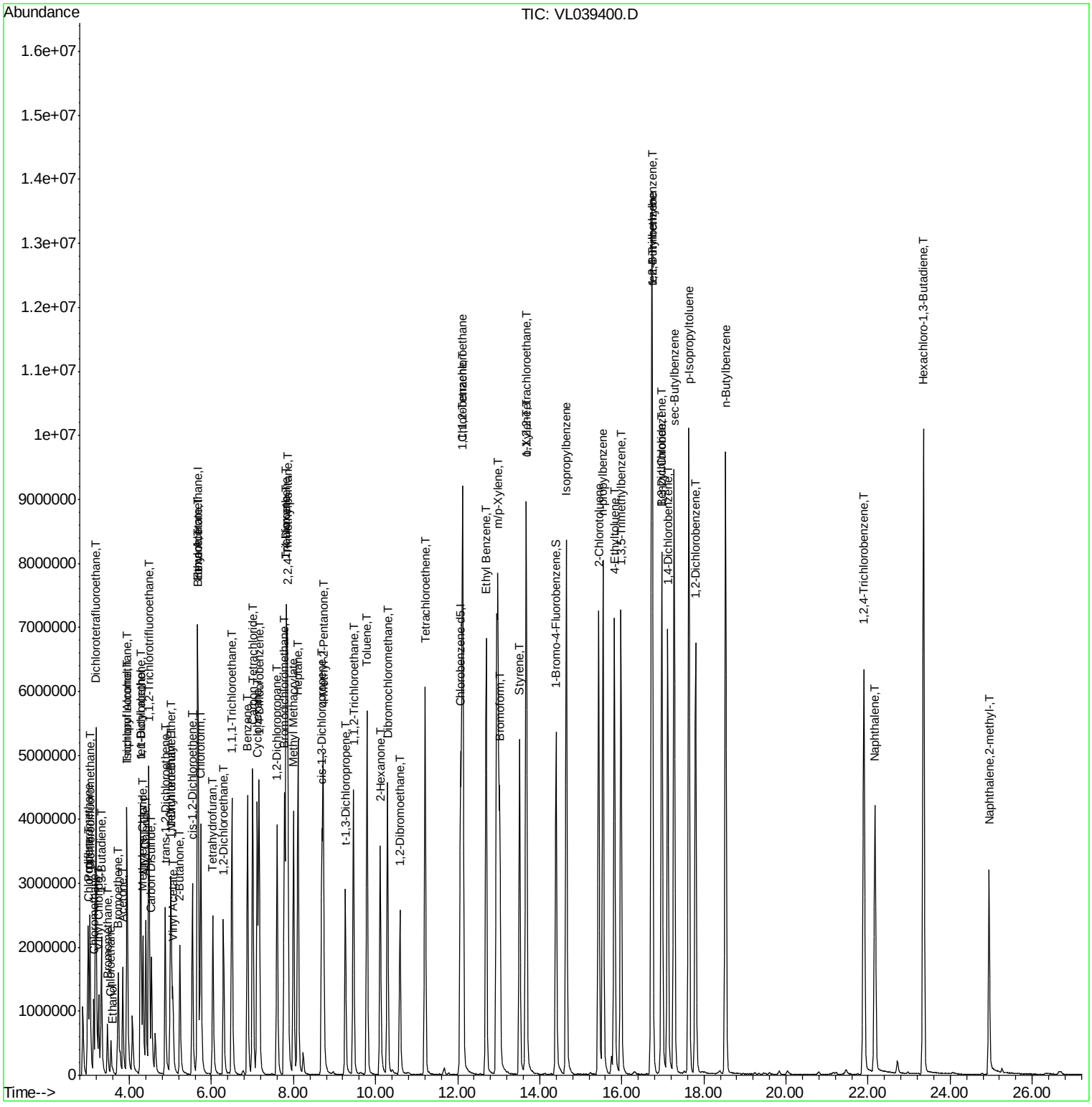
(#) = qualifier out of range (m) = manual integration (+) = signals summed

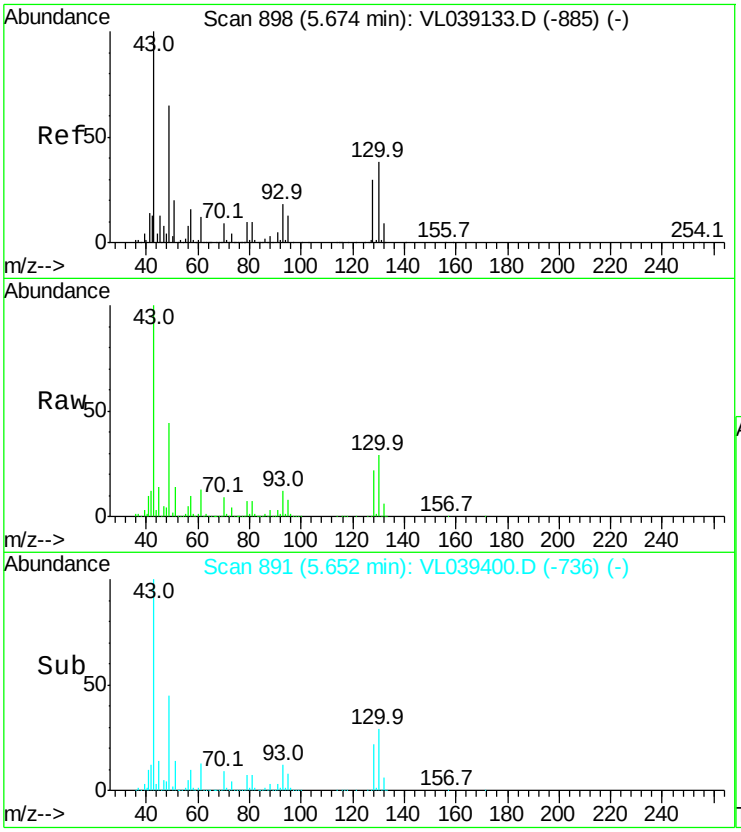
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039400.D
Acq On : 29 Jun 2022 15:43
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Jun 29 16:13:09 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration



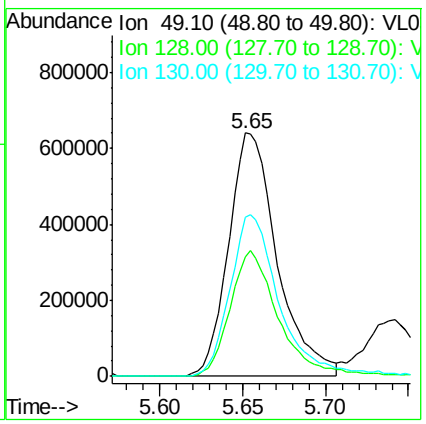


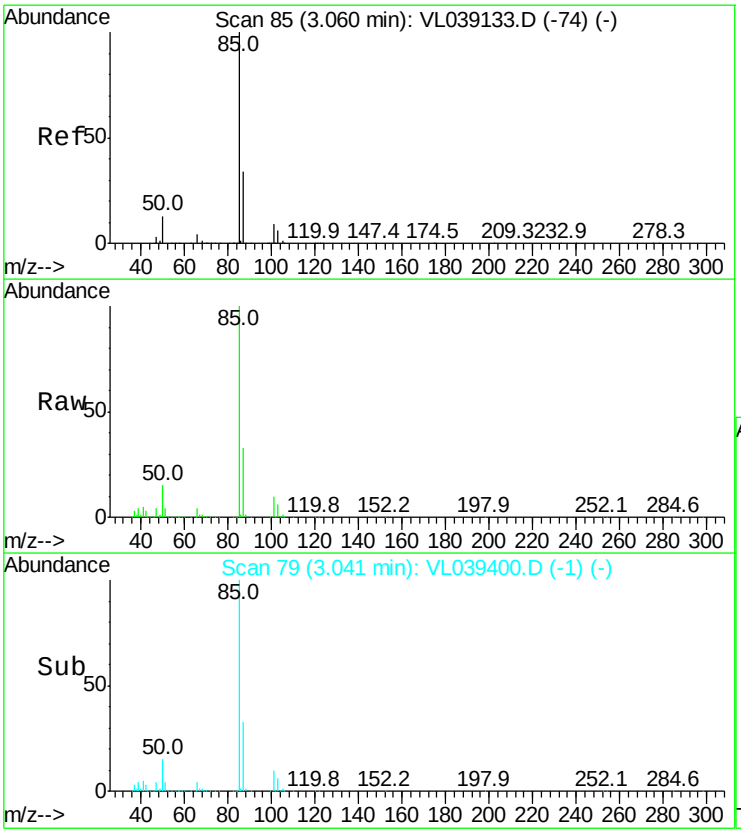
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1298009

Ion	Ratio	Lower	Upper
49	100		
128	52.7	26.7	80.0
130	69.1	34.3	102.8

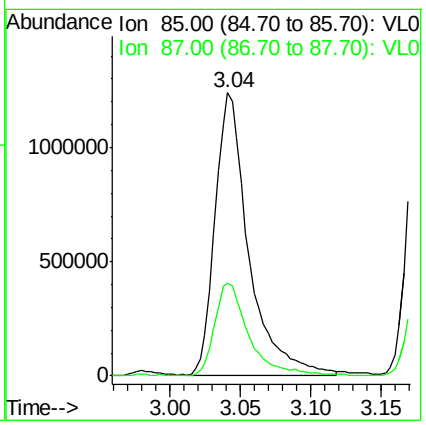


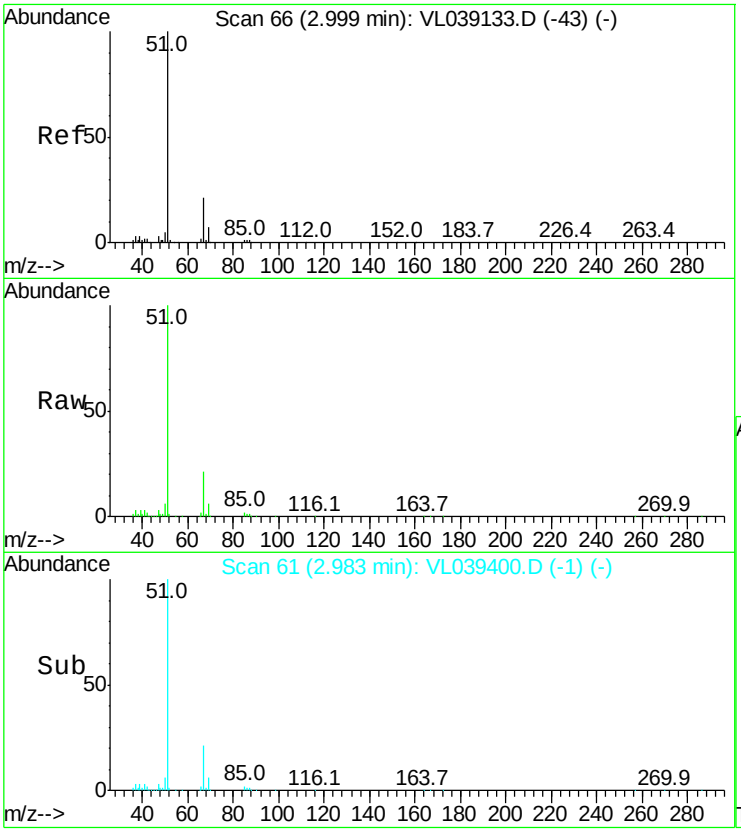


#2
Dichlorodifluoromethane
Concen: 8.94 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 85 Resp: 2039210

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.7	40.1



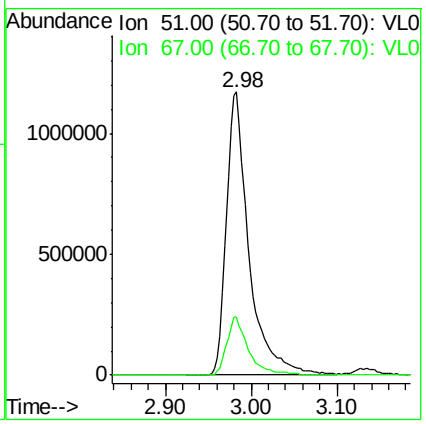


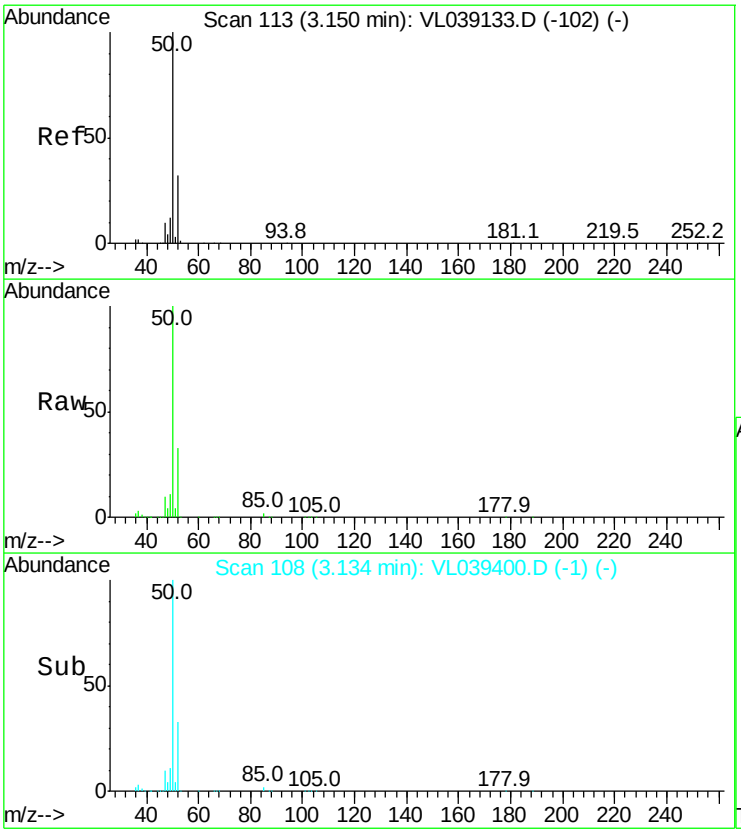
#3
Chlorodifluoromethane
Concen: 12.93 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2134955

Ion	Ratio	Lower	Upper
51	100		
67	20.0	15.7	23.5

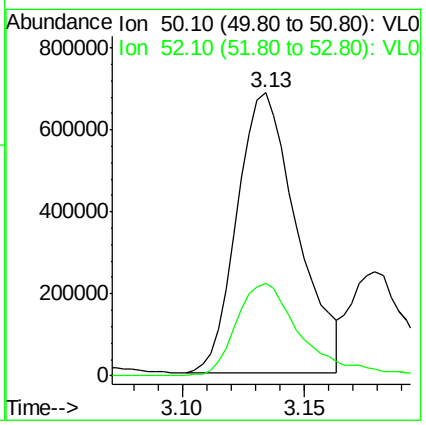


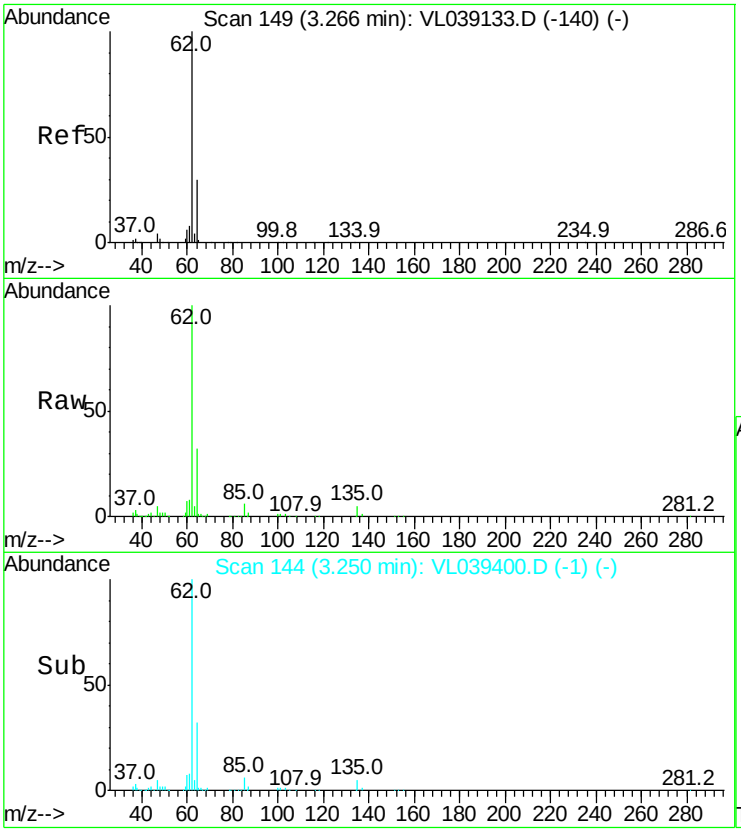


#4
Chloromethane
Concen: 13.73 ppbv
RT: 3.13 min Scan# 108
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 50 Resp: 1164847

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.5	39.7



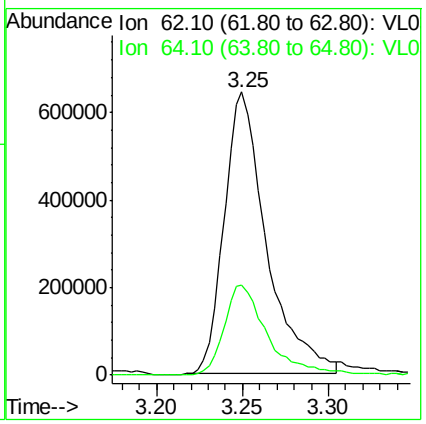


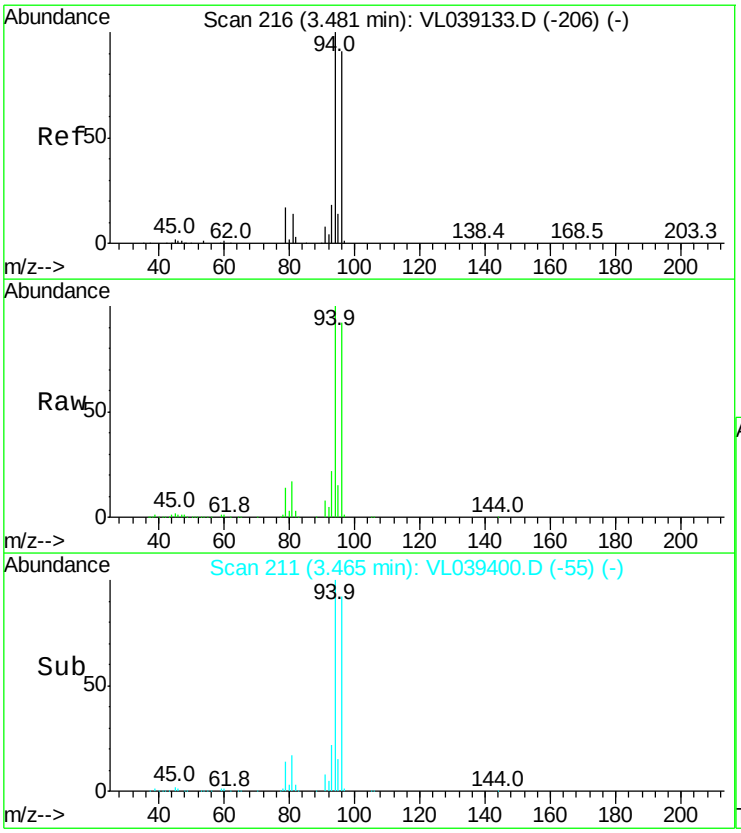
#5
Vinyl Chloride
Concen: 13.96 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1106838

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.6	36.8

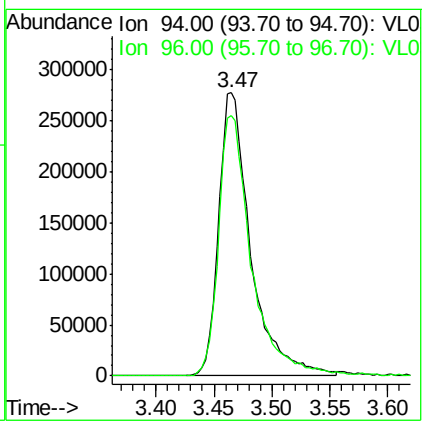


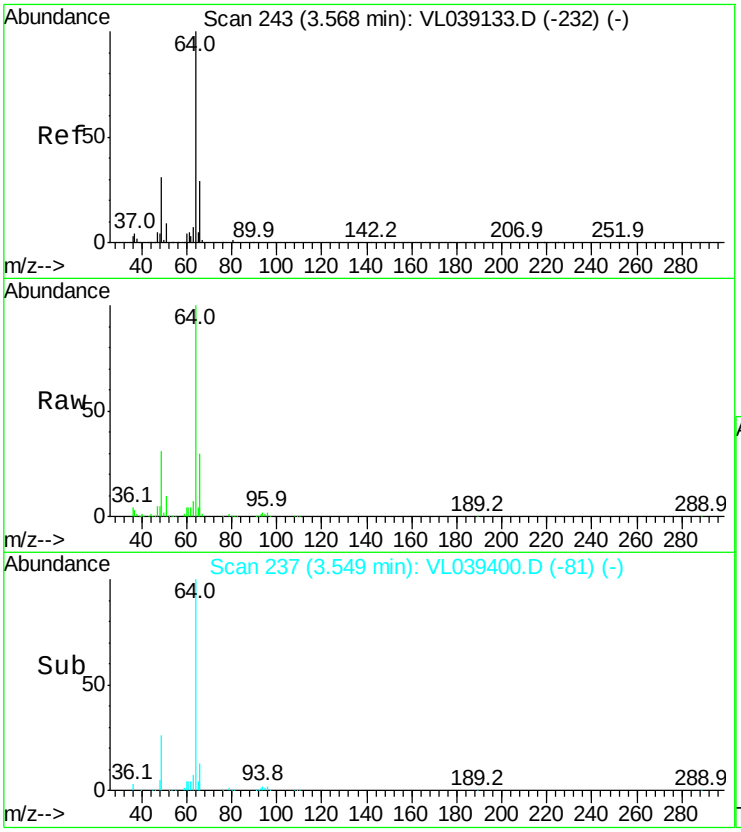


#6
Bromomethane
Concen: 13.64 ppbv
RT: 3.47 min Scan# 211
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 94 Resp: 532227

Ion	Ratio	Lower	Upper
94	100		
96	91.8	75.6	113.4



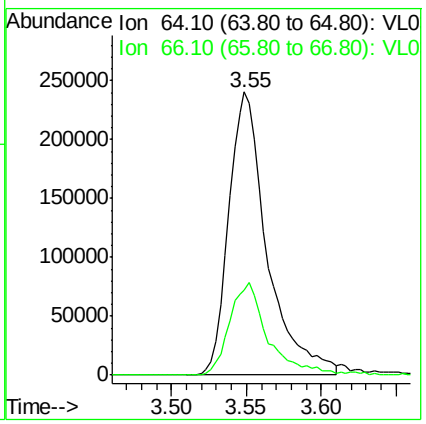


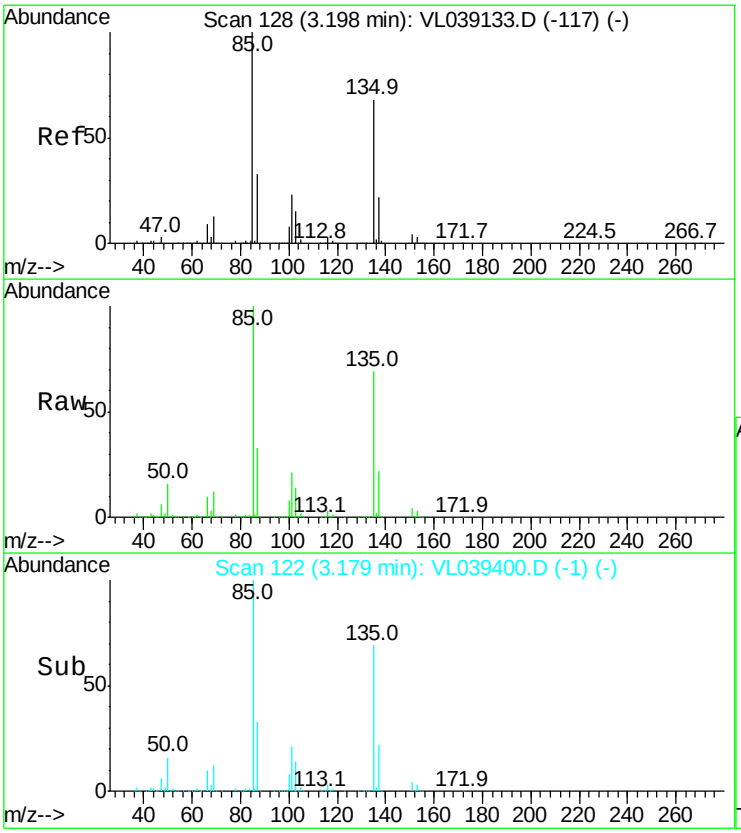
#7
Chloroethane
Concen: 15.51 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 428502

Ion	Ratio	Lower	Upper
64	100		
66	30.2	24.7	37.1

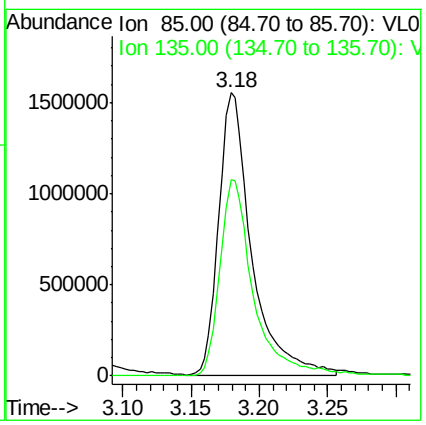


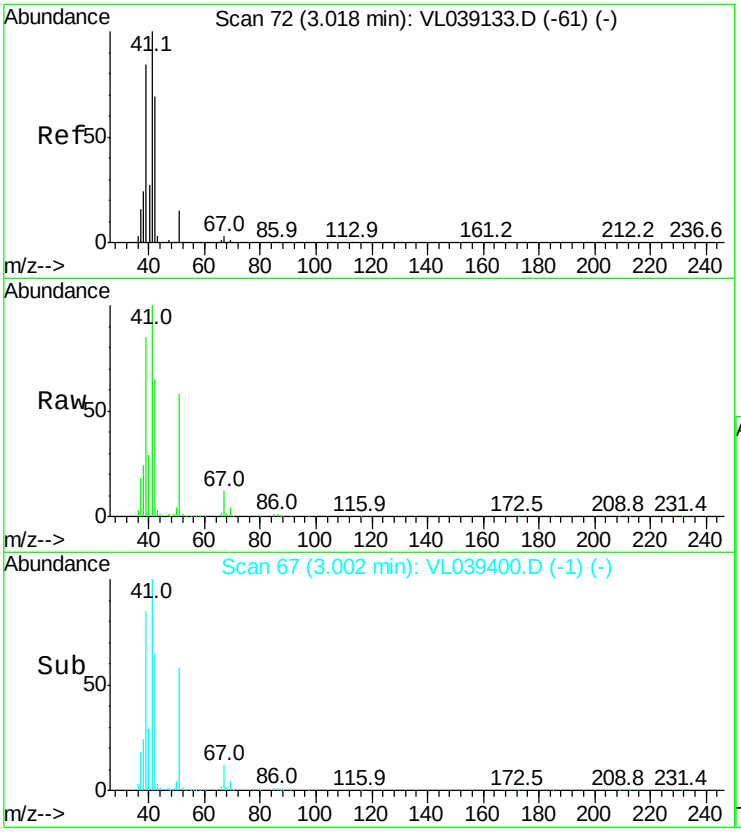


#8
Dichlorotetrafluoroethane
Concen: 12.45 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 85 Resp: 2593519

Ion	Ratio	Lower	Upper
85	100		
135	72.0	59.0	88.4



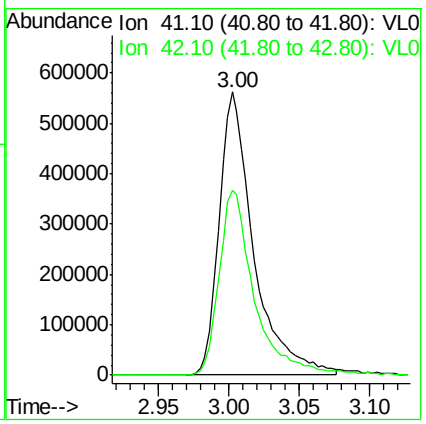


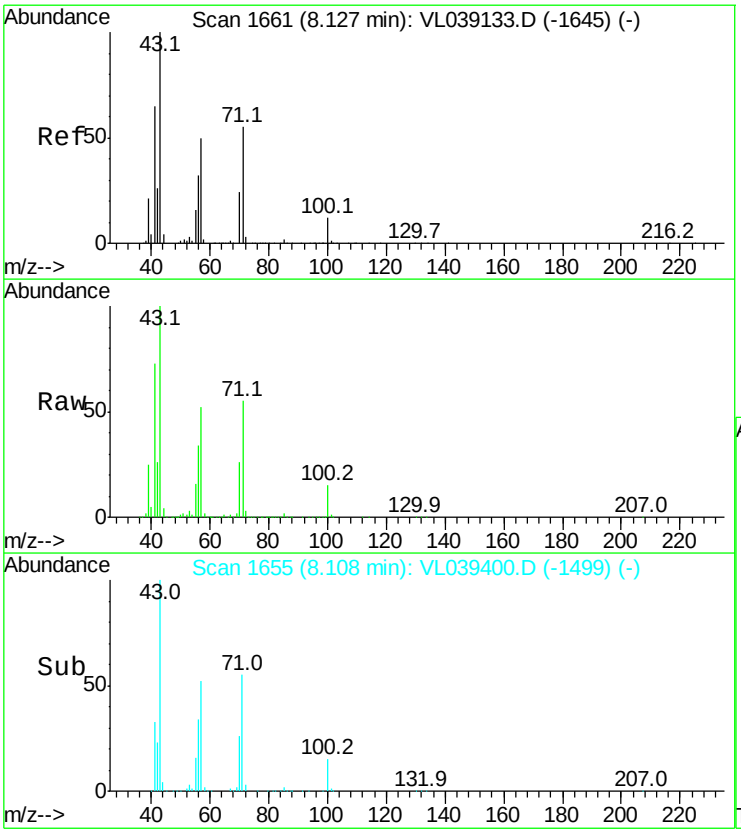
#9
Propene
Concen: 13.30 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 957680

Ion	Ratio	Lower	Upper
41	100		
42	67.0	55.2	82.8

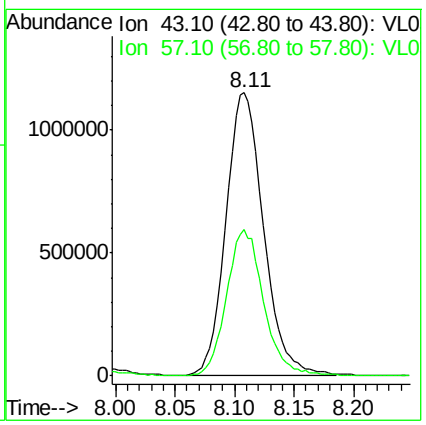


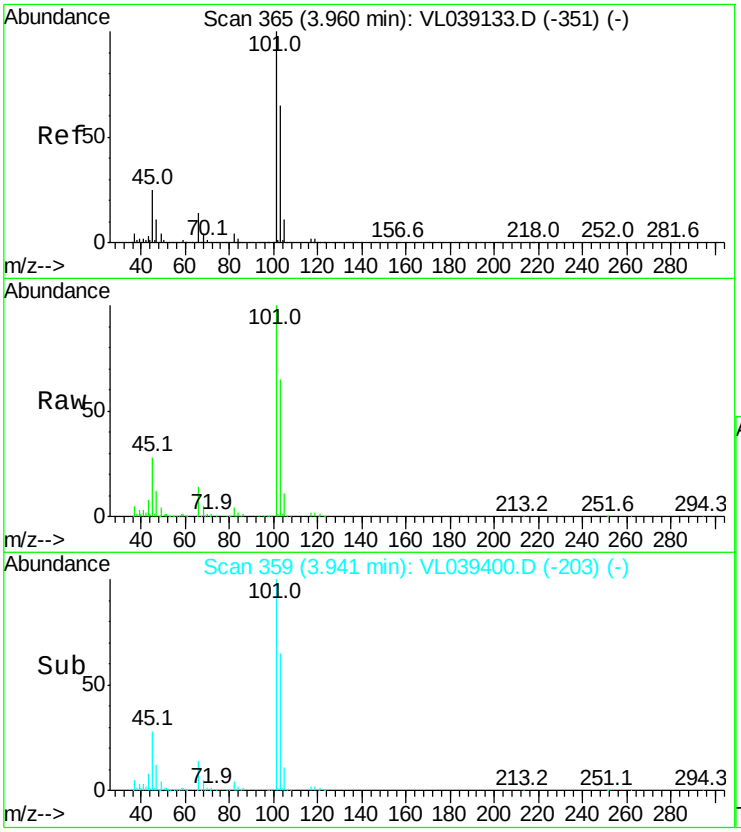


#10
Heptane
Concen: 14.93 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 43 Resp: 2508925

Ion	Ratio	Lower	Upper
43	100		
57	51.5	40.5	60.7



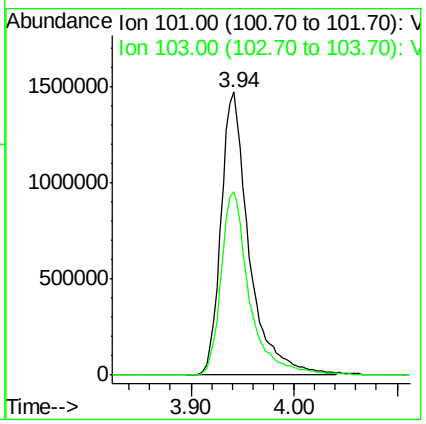


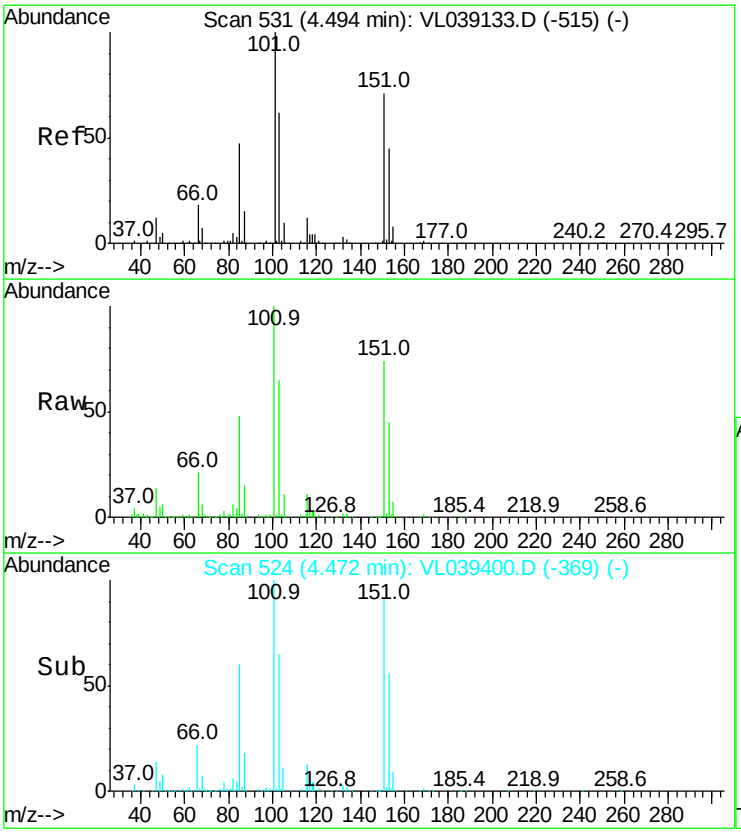
#11
Trichlorofluoromethane
Concen: 13.51 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2788912

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.8

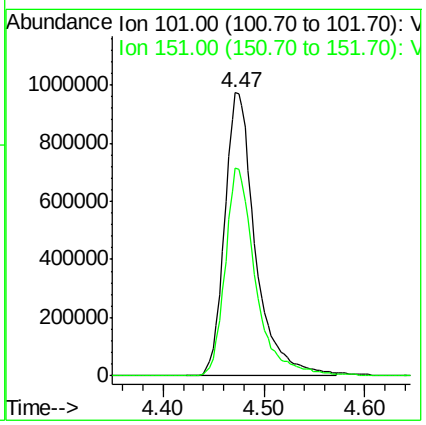


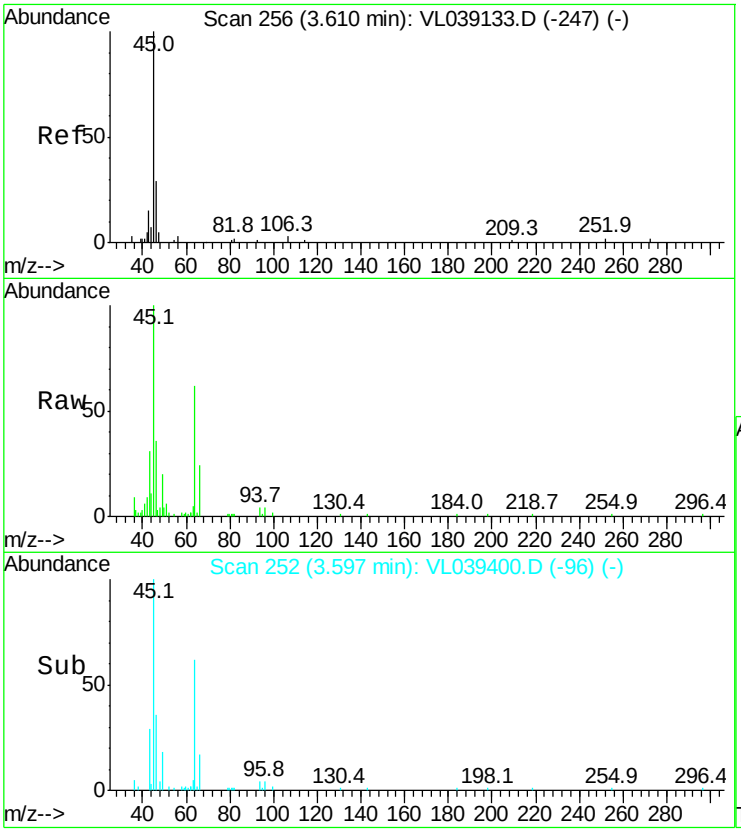


#12
1,1,2-Trichlorotrifluoroethane
Concen: 15.13 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:101 Resp: 2064908

Ion	Ratio	Lower	Upper
101	100		
151	73.2	58.9	88.3



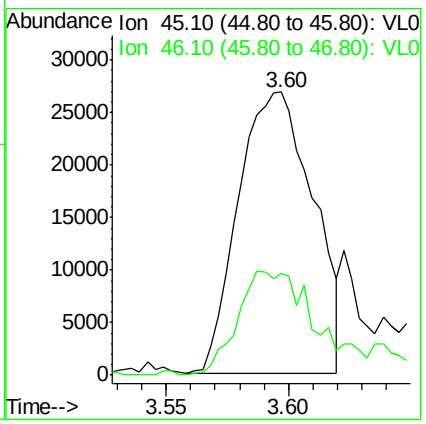


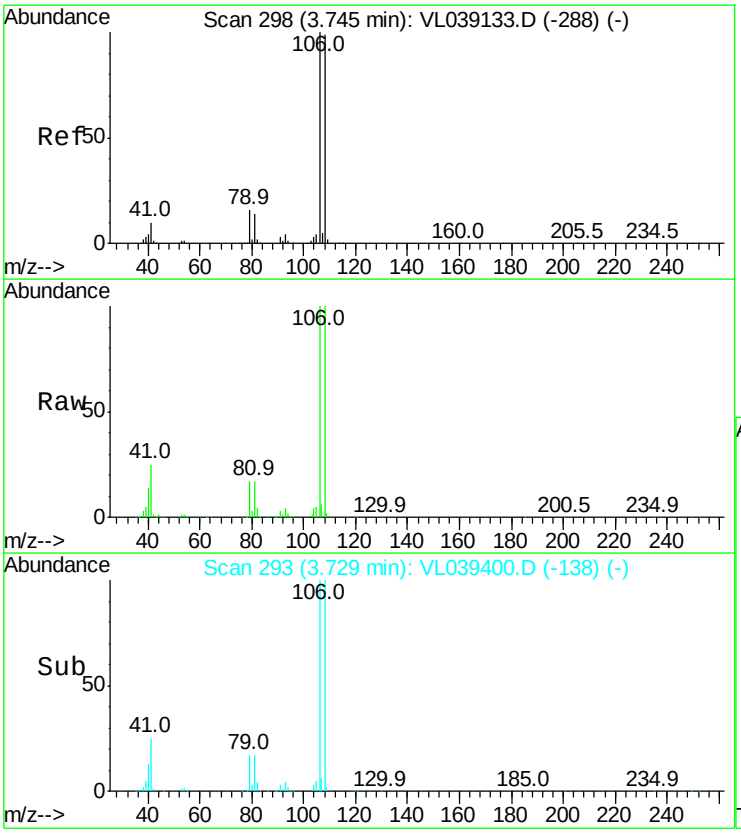
#13
Ethanol
Concen: 14.47 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 56846

Ion	Ratio	Lower	Upper
45	100		
46	46.4	22.8	91.2

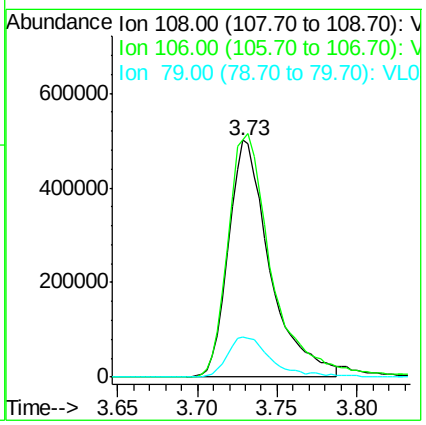


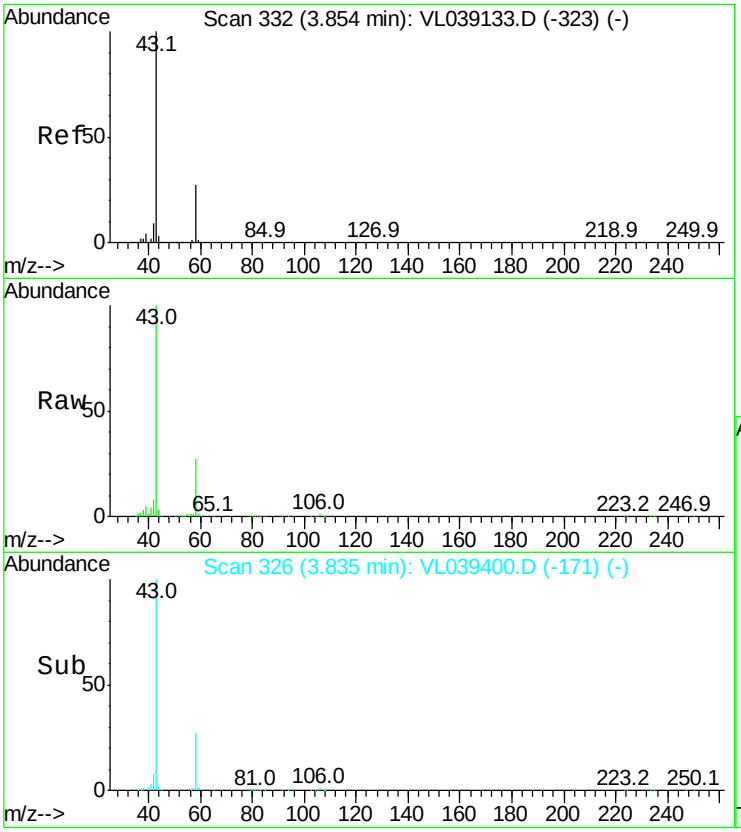


#14
Bromoethene
Concen: 14.43 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:108 Resp: 885432

Ion	Ratio	Lower	Upper
108	100		
106	110.0	87.1	130.7
79	18.5	14.6	22.0



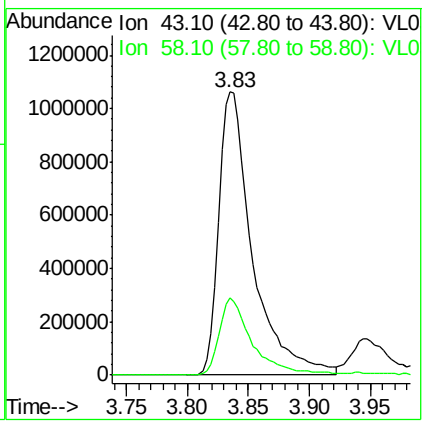


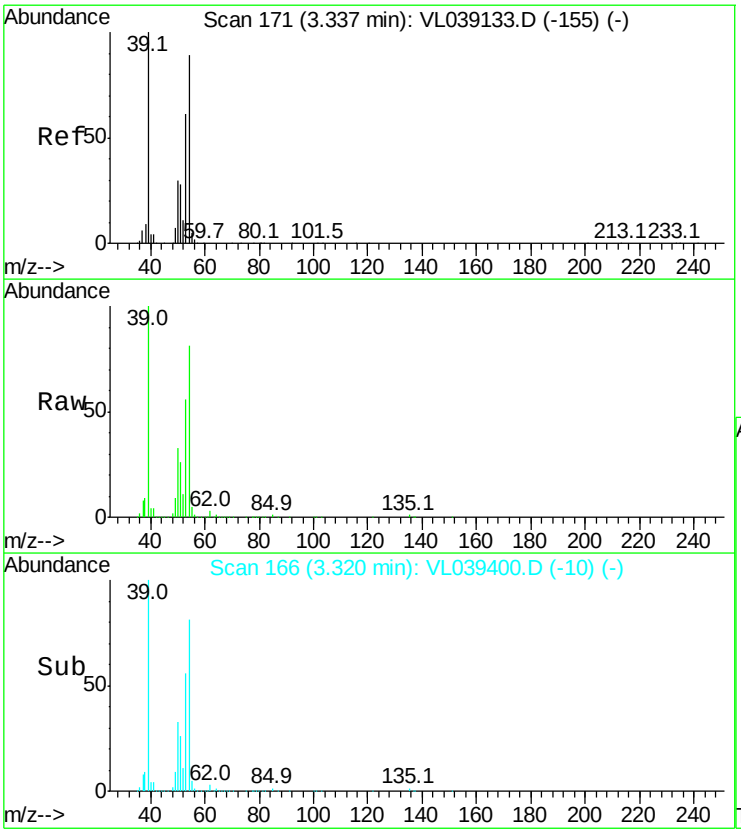
#15
Acetone
Concen: 15.25 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2062369

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.0	31.6

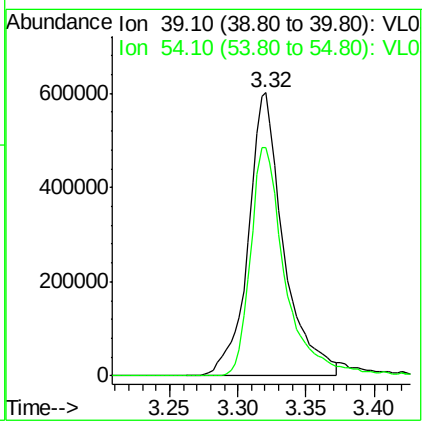


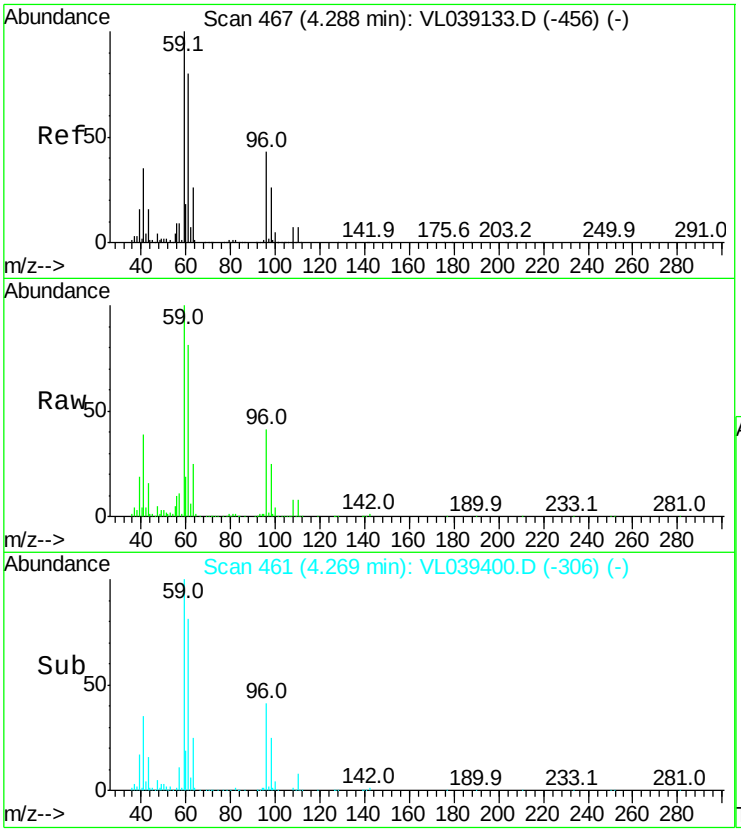


#16
1,3-Butadiene
Concen: 14.96 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 39 Resp: 1087498

Ion	Ratio	Lower	Upper
39	100		
54	80.2	63.7	95.5



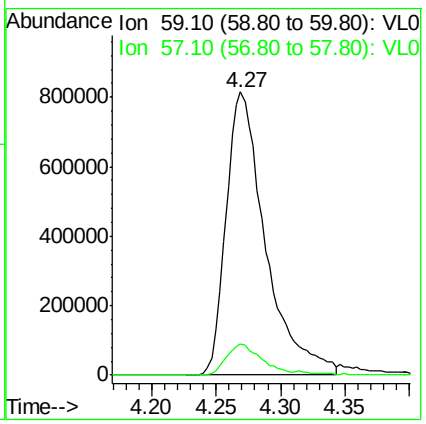


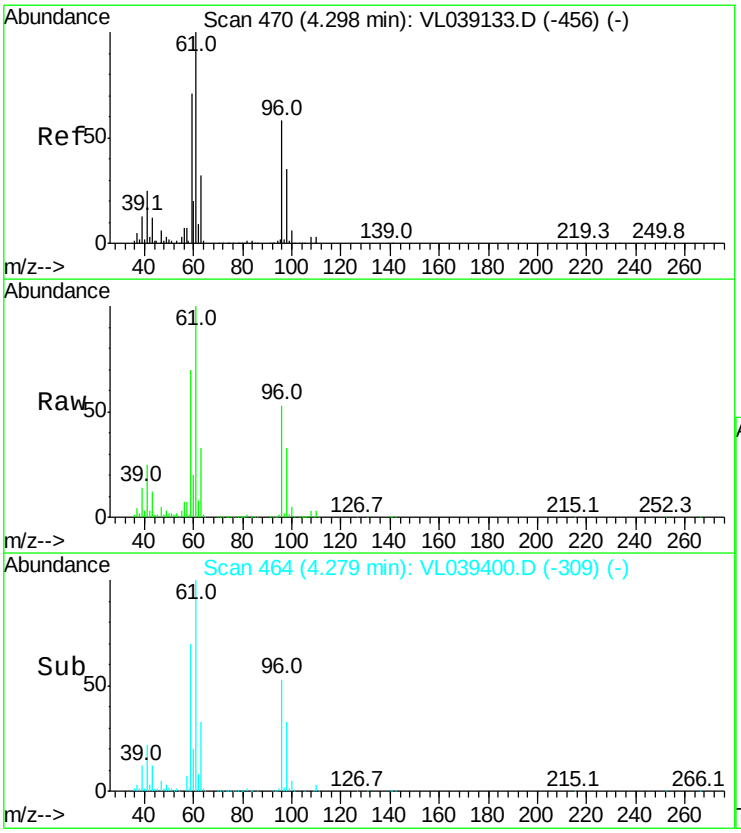
#17
tert-Butyl alcohol
Concen: 16.49 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1729485

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.7	13.1

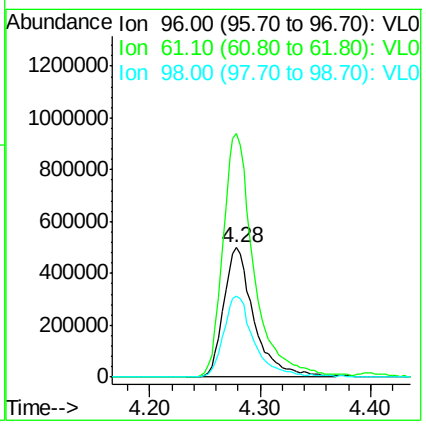


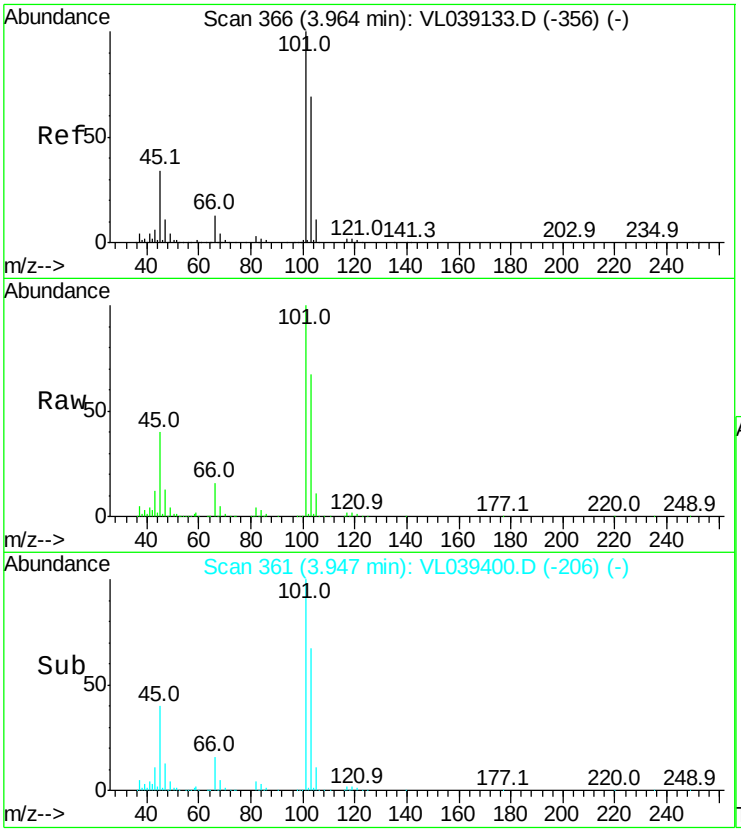


#18
1,1-Dichloroethene
Concen: 15.53 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 96 Resp: 950977

Ion	Ratio	Lower	Upper
96	100		
61	188.3	152.2	228.4
98	63.0	51.8	77.6



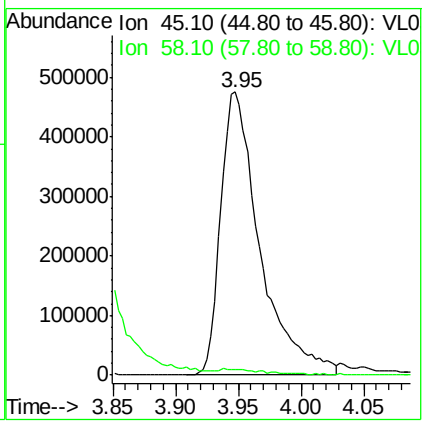


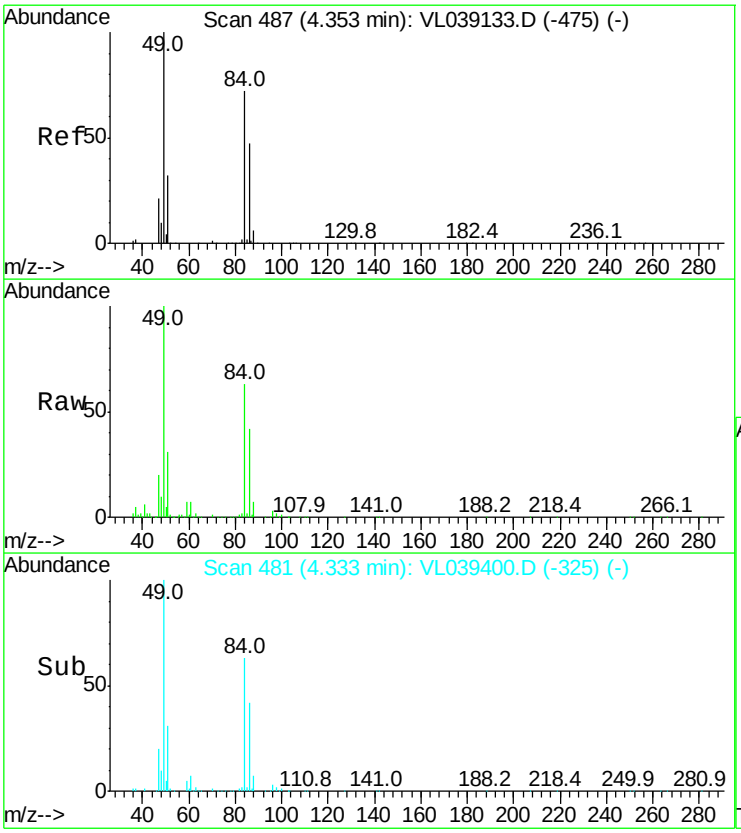
#19
Isopropyl Alcohol
Concen: 16.25 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 1030834

Ion	Ratio	Lower	Upper
45	100		
58	2.5	3.2	4.8#

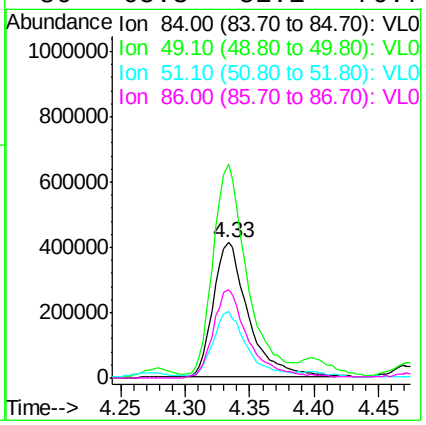


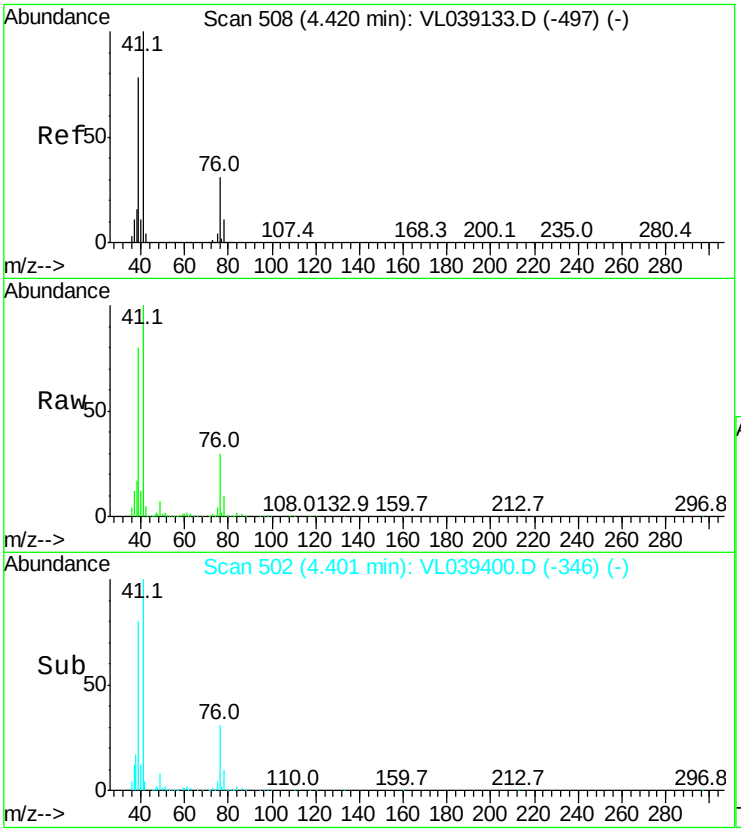


#20
Methylene Chloride
Concen: 13.69 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 84 Resp: 779884

Ion	Ratio	Lower	Upper
84	100		
49	156.1	123.1	184.7
51	47.3	34.4	51.6
86	65.3	51.1	76.7



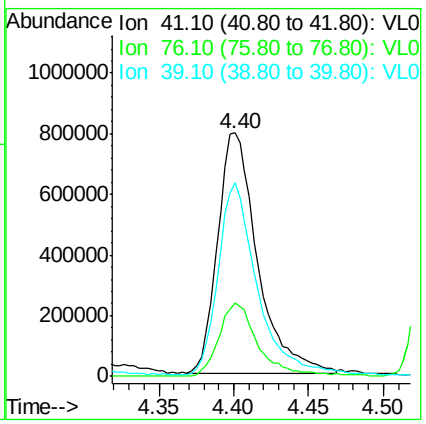


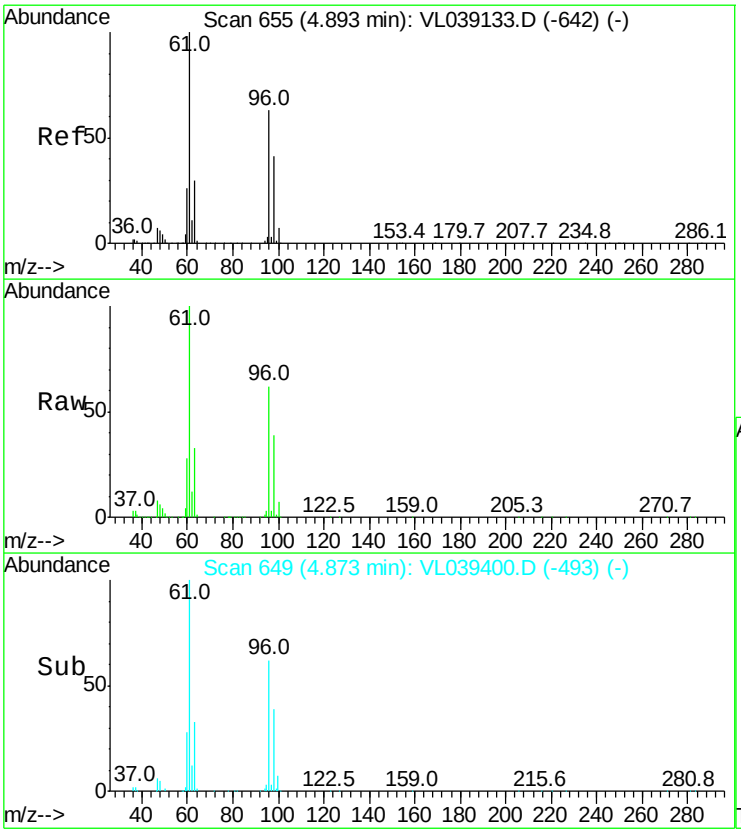
#21
Allyl Chloride
Concen: 16.17 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1474564

Ion	Ratio	Lower	Upper
41	100		
76	30.3	24.4	36.6
39	78.8	63.5	95.3

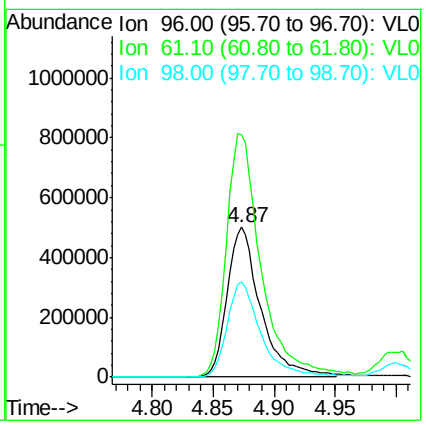


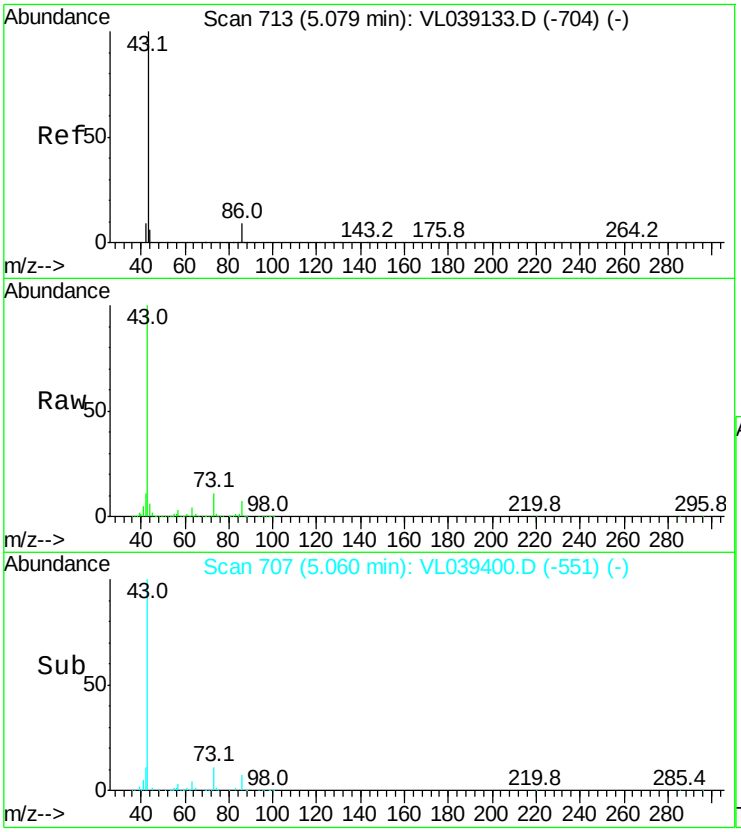


#22
trans-1,2-Dichloroethene
Concen: 16.33 ppbv
RT: 4.87 min Scan# 649
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 96 Resp: 962168

Ion	Ratio	Lower	Upper
96	100		
61	161.9	130.6	195.8
98	63.5	53.4	80.0



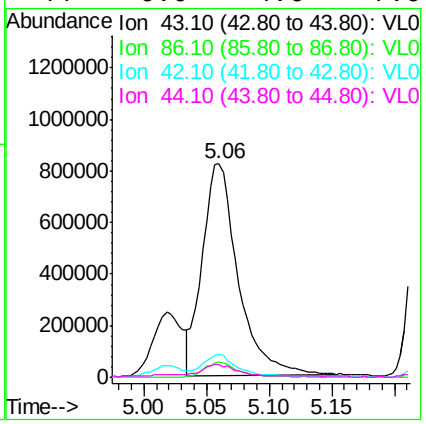


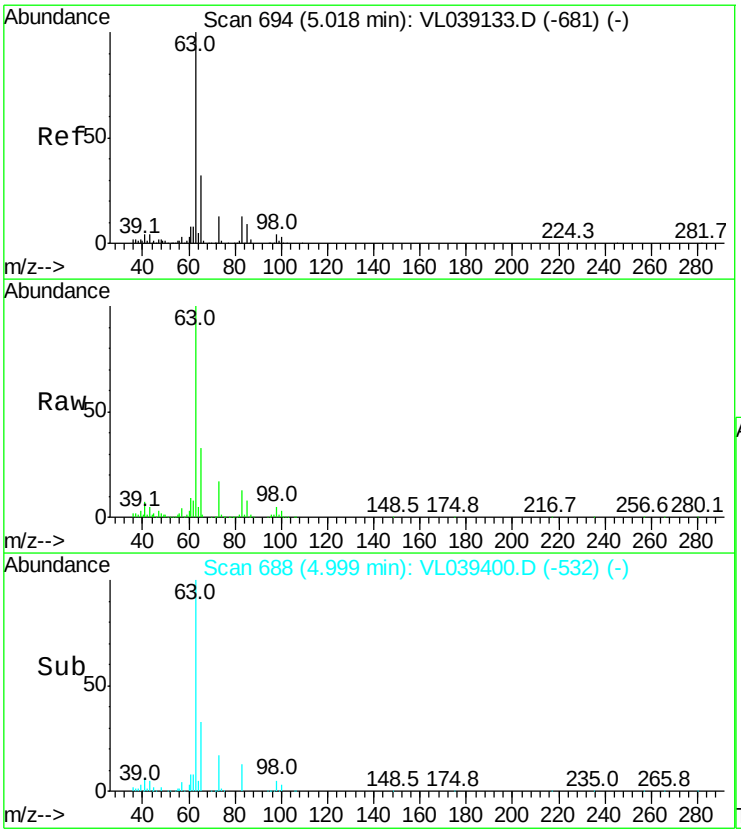
#23
Vinyl Acetate
Concen: 14.56 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1628546

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.0	7.6
42	10.8	7.7	11.5
44	6.0	4.6	7.0

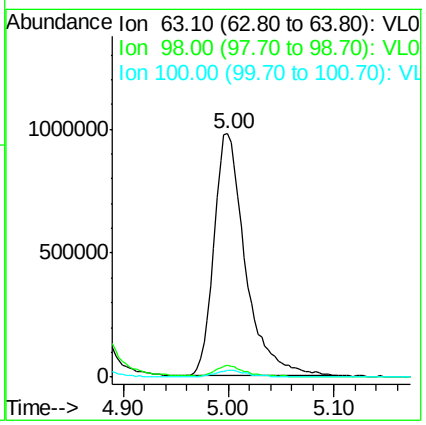


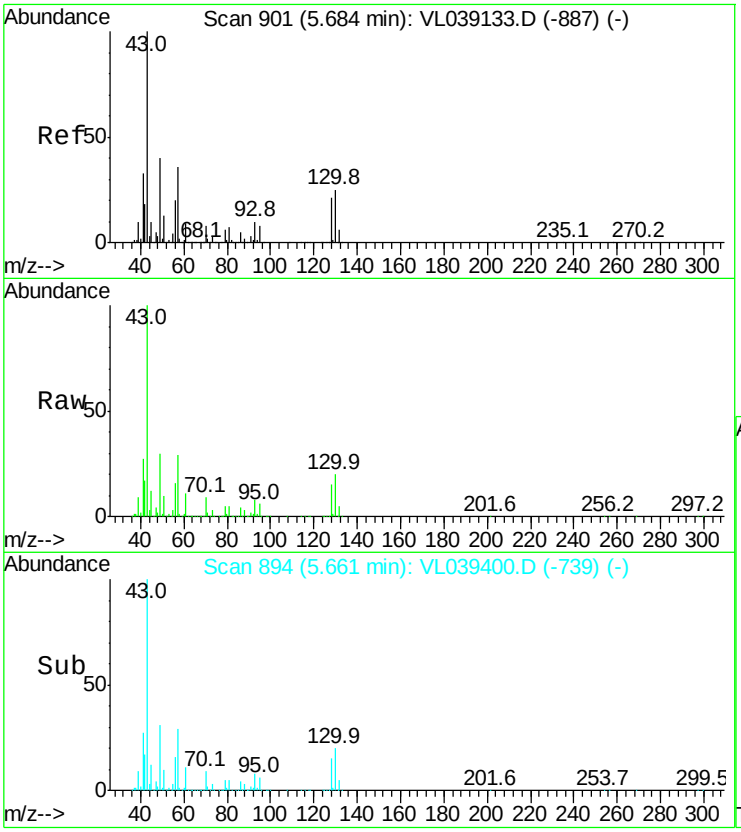


#24
1,1-Dichloroethane
Concen: 13.15 ppbv
RT: 5.00 min Scan# 688
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 63 Resp: 2015508

Ion	Ratio	Lower	Upper
63	100		
98	4.7	1.8	5.3
100	2.6	1.5	4.4



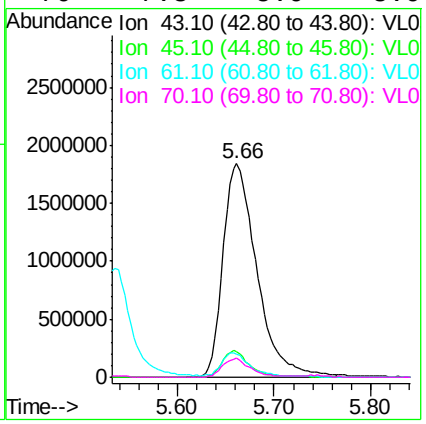


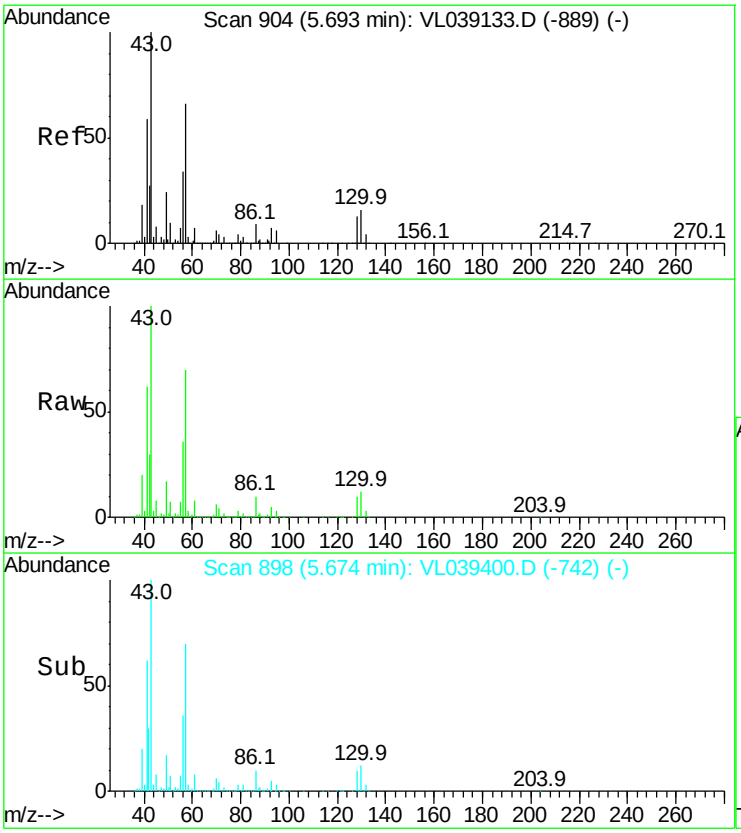
#25
Ethyl Acetate
Concen: 14.65 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 4464769

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.4
61	10.3	8.3	12.5
70	7.3	5.9	8.9

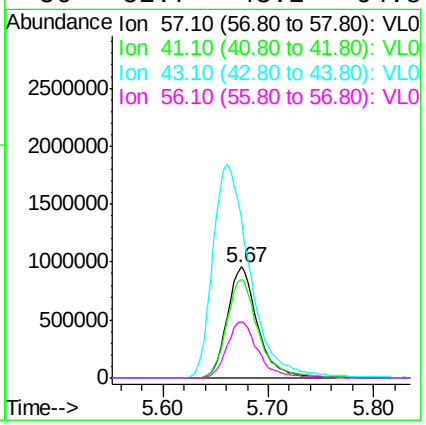


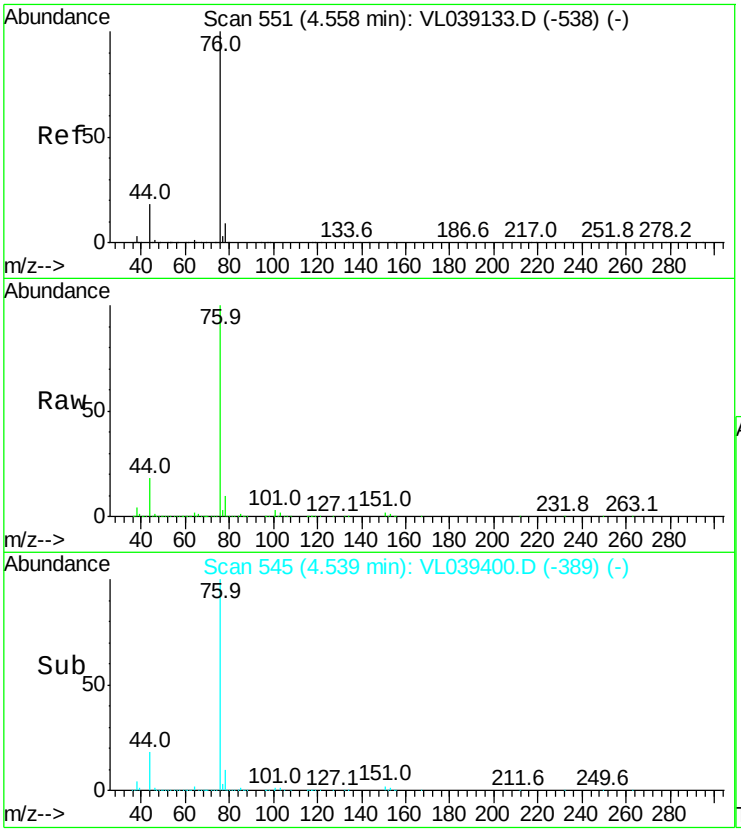


#26
Hexane
Concen: 14.32 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 57 Resp: 1918167

Ion	Ratio	Lower	Upper
57	100		
41	93.4	76.9	115.3
43	235.9	191.0	286.6
56	52.7	43.2	64.8



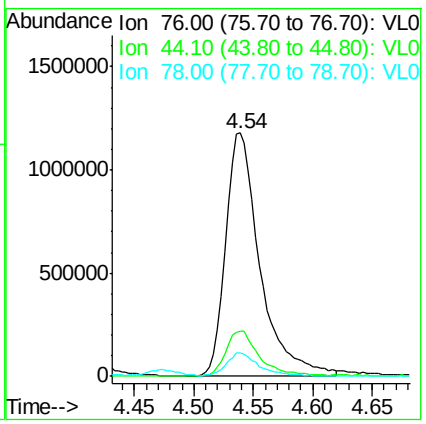


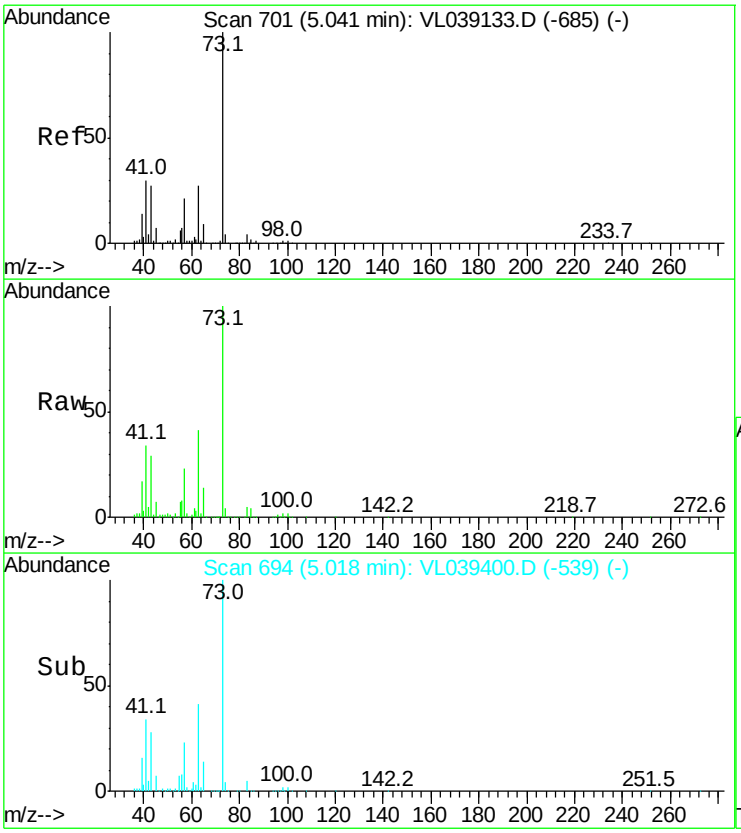
#27
Carbon Disulfide
Concen: 16.92 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 2348354

Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.6	21.8
78	9.4	7.8	11.6

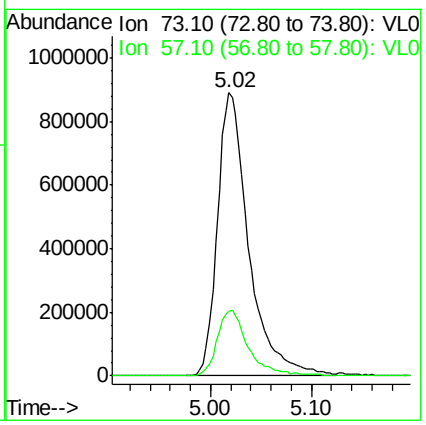


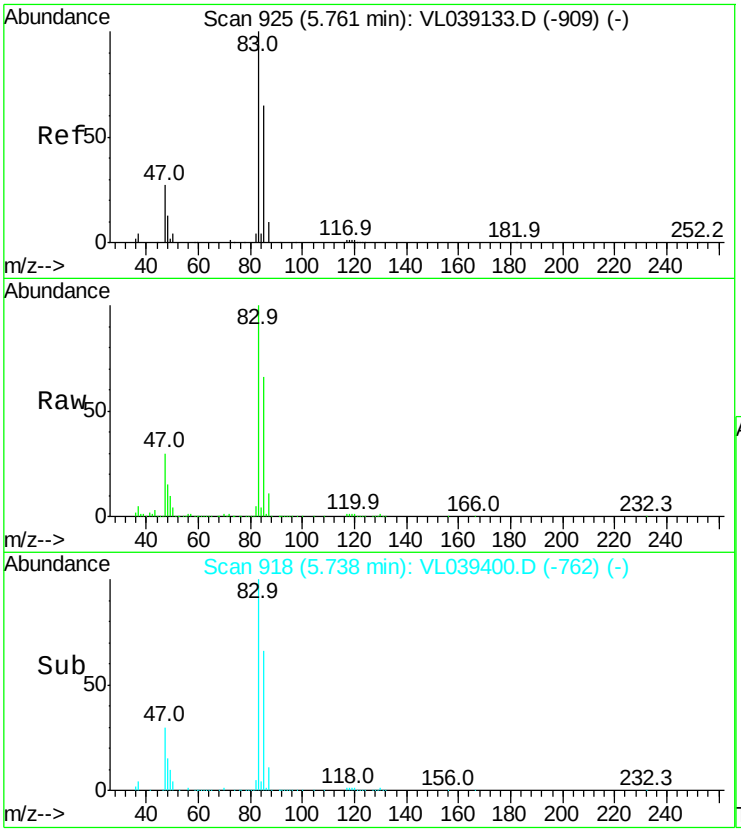


#28
Methyl tert-Butyl Ether
Concen: 13.02 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 73 Resp: 1924717

Ion	Ratio	Lower	Upper
73	100		
57	23.4	19.8	29.8



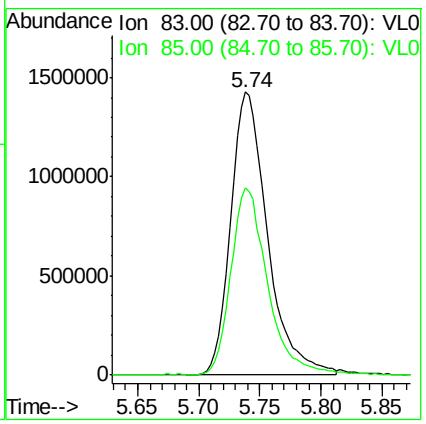


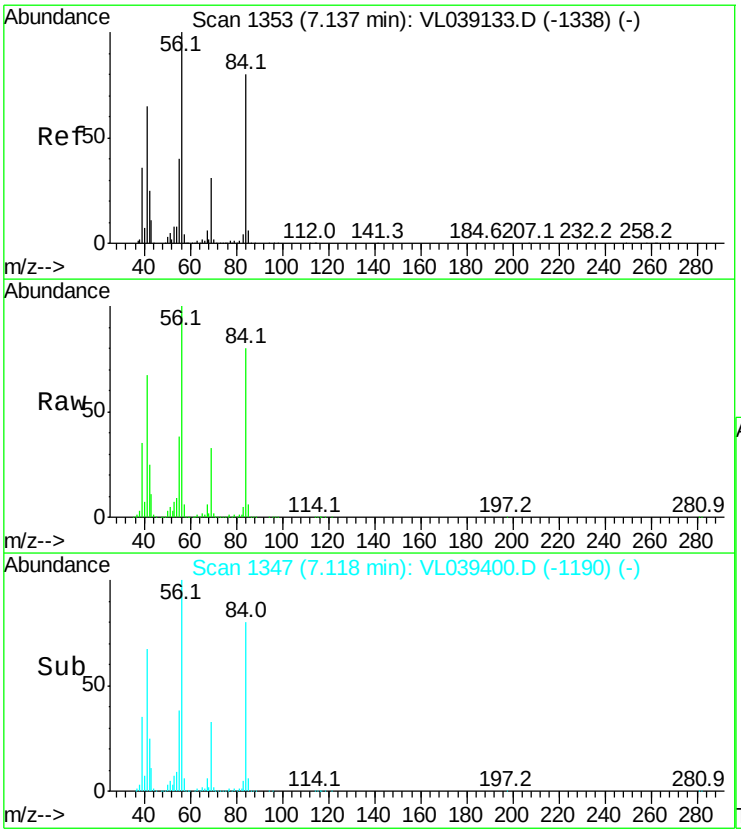
#29
Chloroform
Concen: 13.26 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2987829

Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.8	79.2

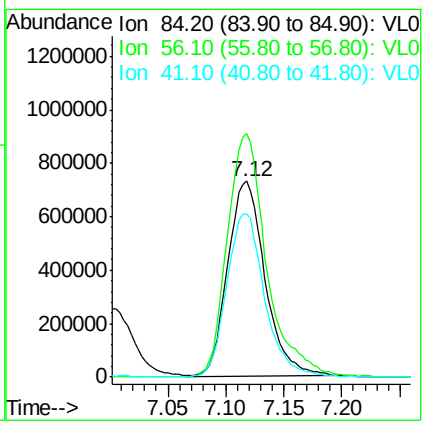


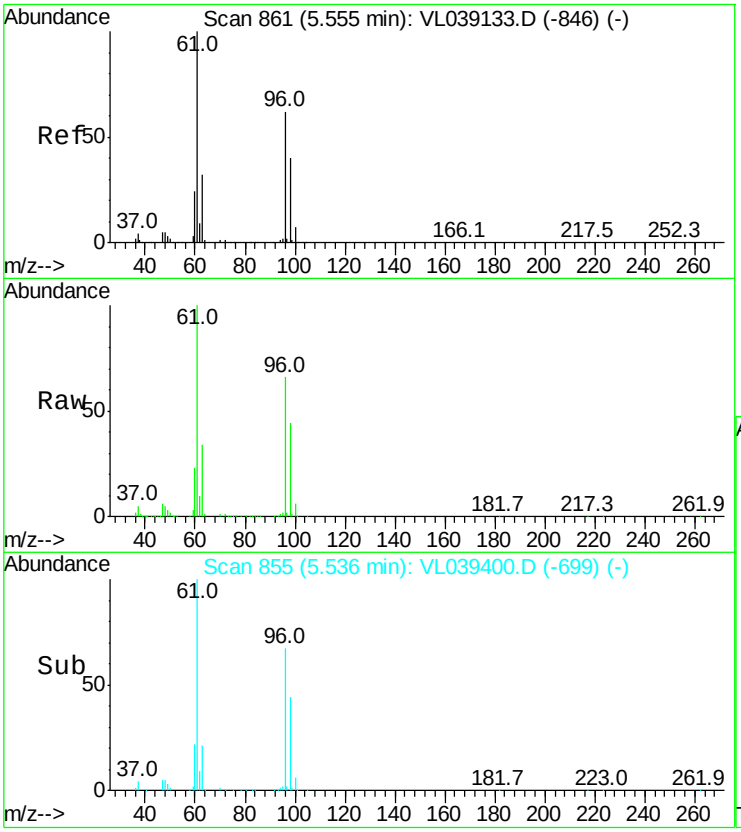


#30
Cyclohexane
Concen: 14.42 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 84 Resp: 1622125

Ion	Ratio	Lower	Upper
84	100		
56	133.0	107.7	161.5
41	85.5	67.7	101.5



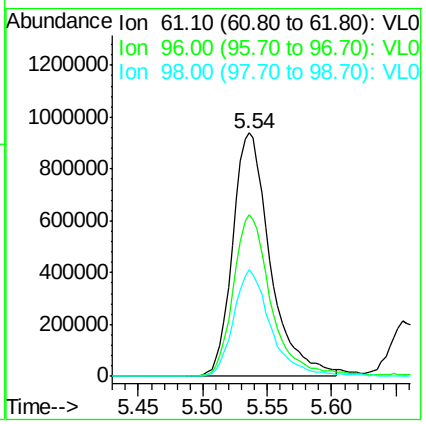


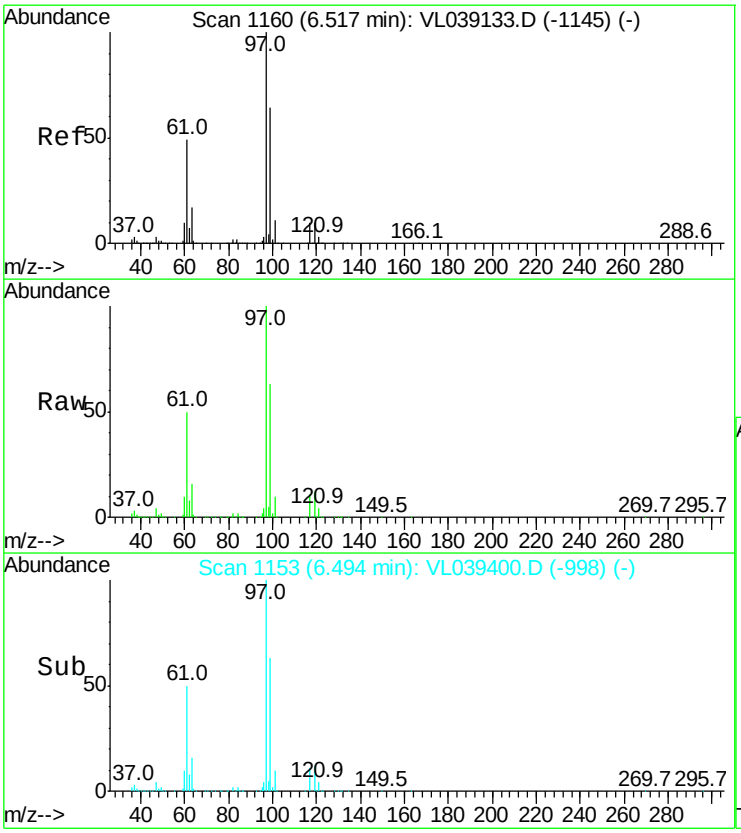
#31
cis-1,2-Dichloroethene
Concen: 13.95 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1905004

Ion	Ratio	Lower	Upper
61	100		
96	66.0	54.1	81.1
98	43.7	34.6	52.0

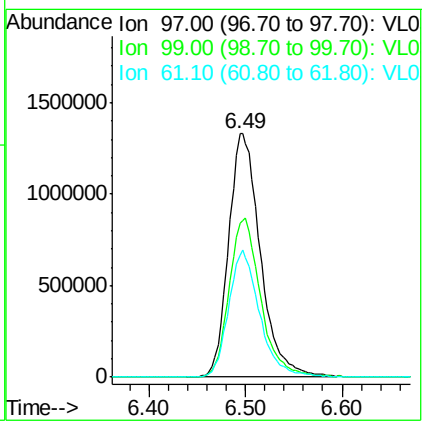


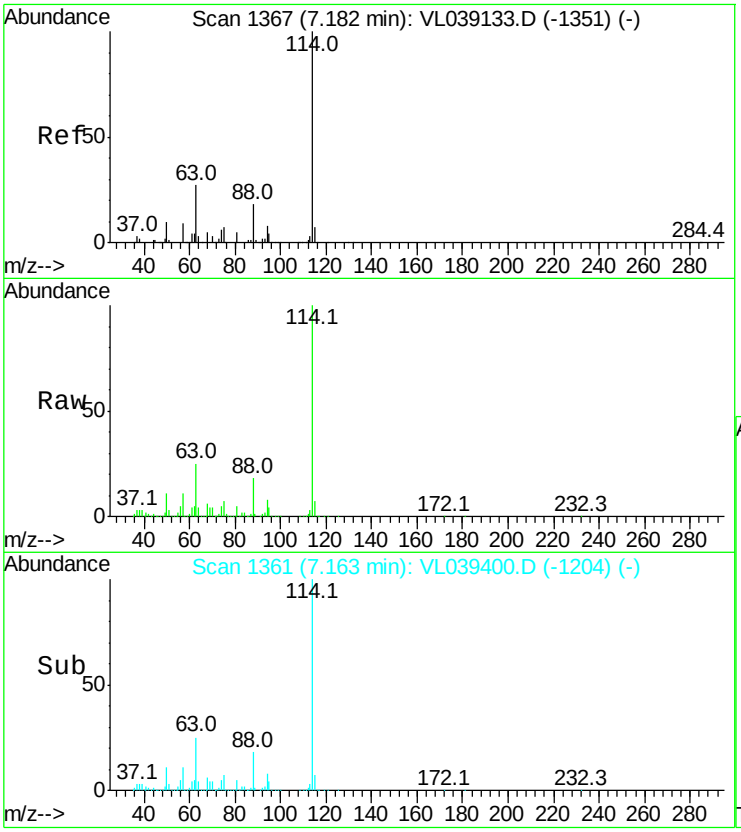


#32
1,1,1-Trichloroethane
Concen: 13.80 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 97 Resp: 3042543

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	51.0	40.9	61.3



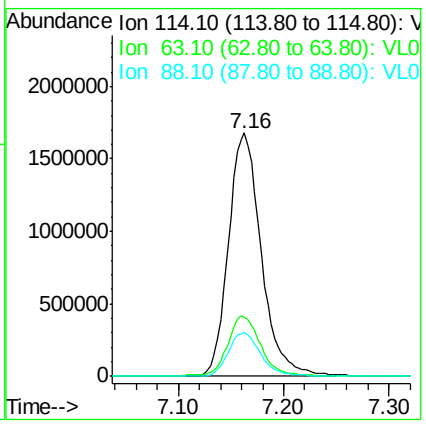


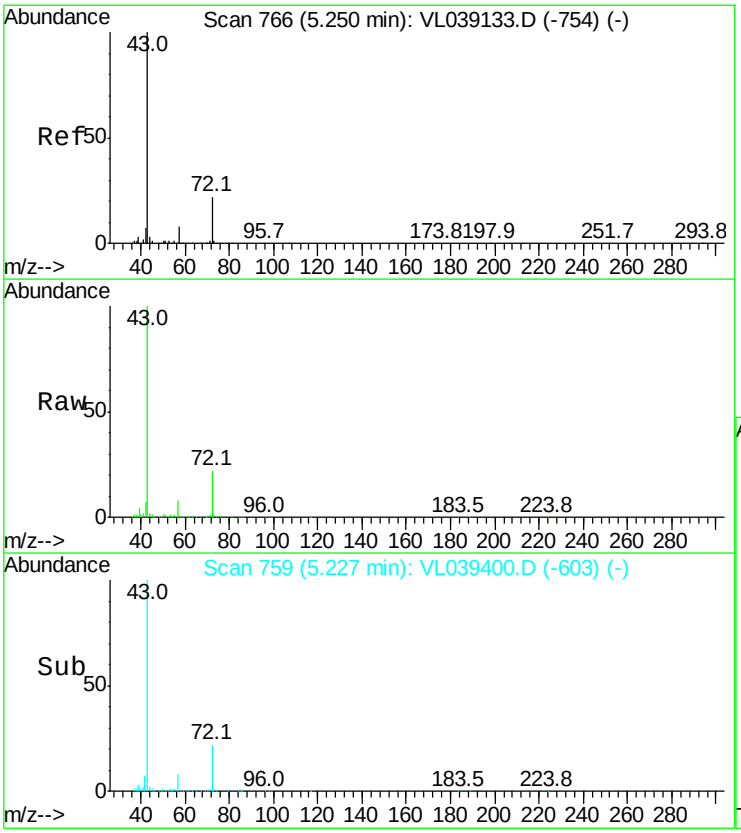
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 3620327

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.2	30.4
88	17.9	14.5	21.7

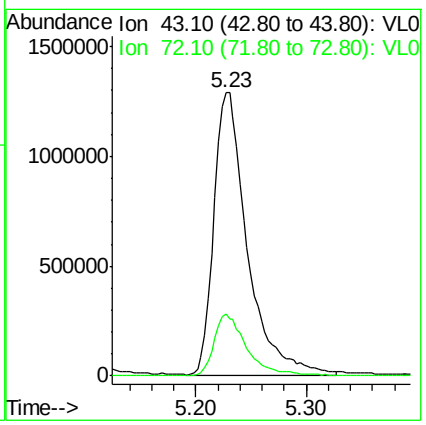


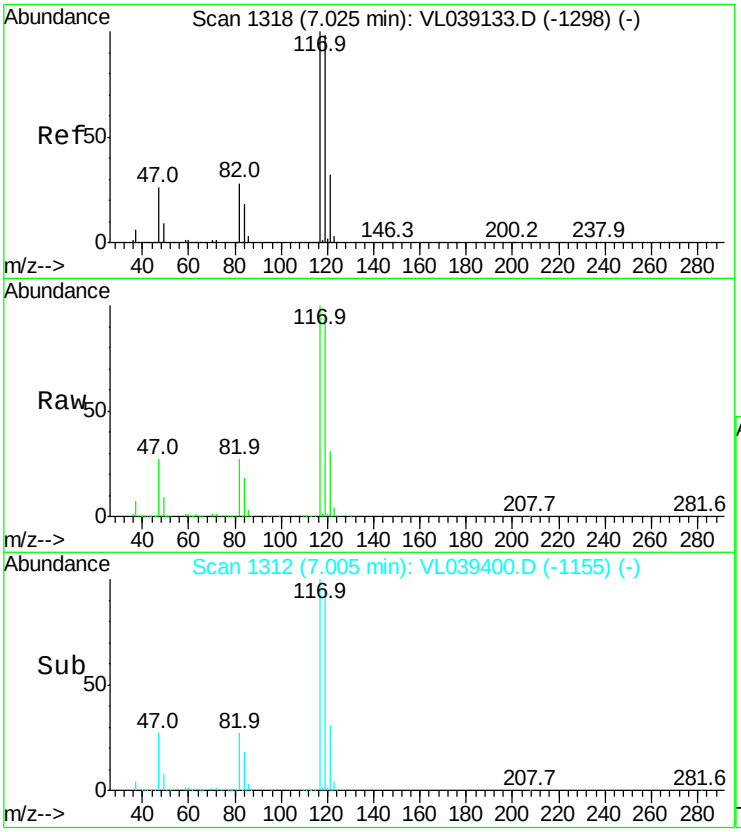


#34
2-Butanone
Concen: 13.72 ppbv
RT: 5.23 min Scan# 759
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 43 Resp: 2698864

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.9	26.9



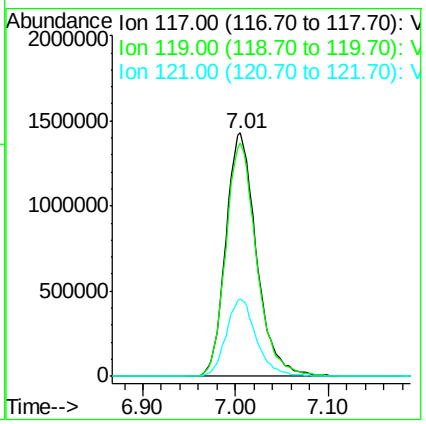


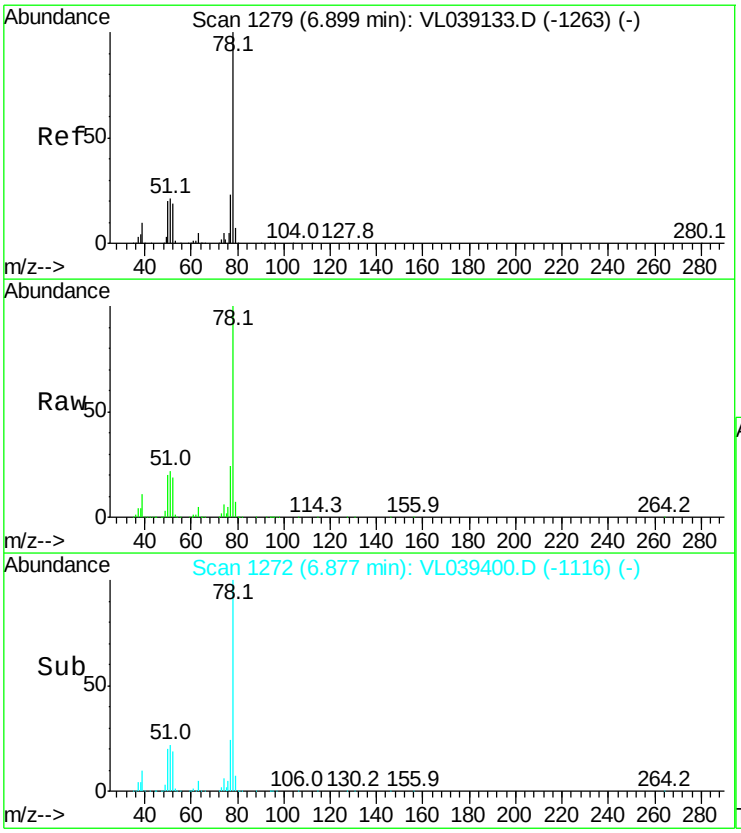
#35
Carbon Tetrachloride
Concen: 12.41 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 3278903

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.2
121	31.5	24.2	36.2

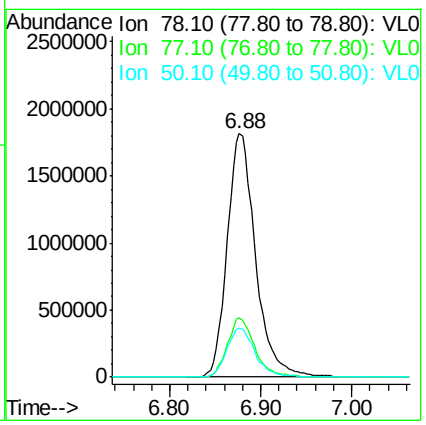


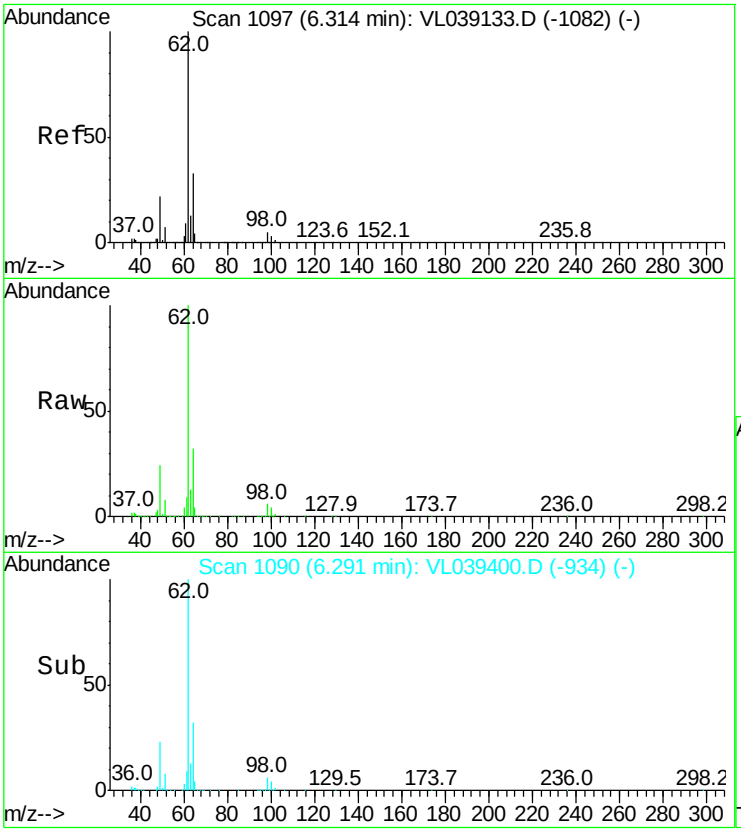


#36
Benzene
Concen: 13.40 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 78 Resp: 3937047

Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.3	30.5
50	20.3	15.5	23.3



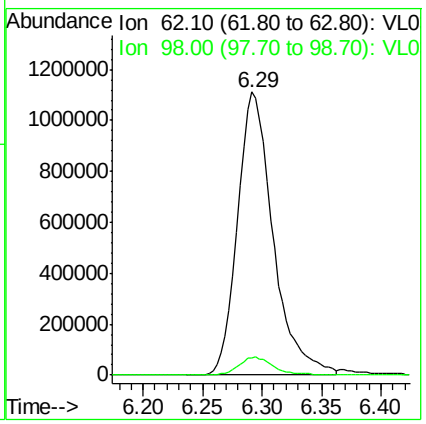


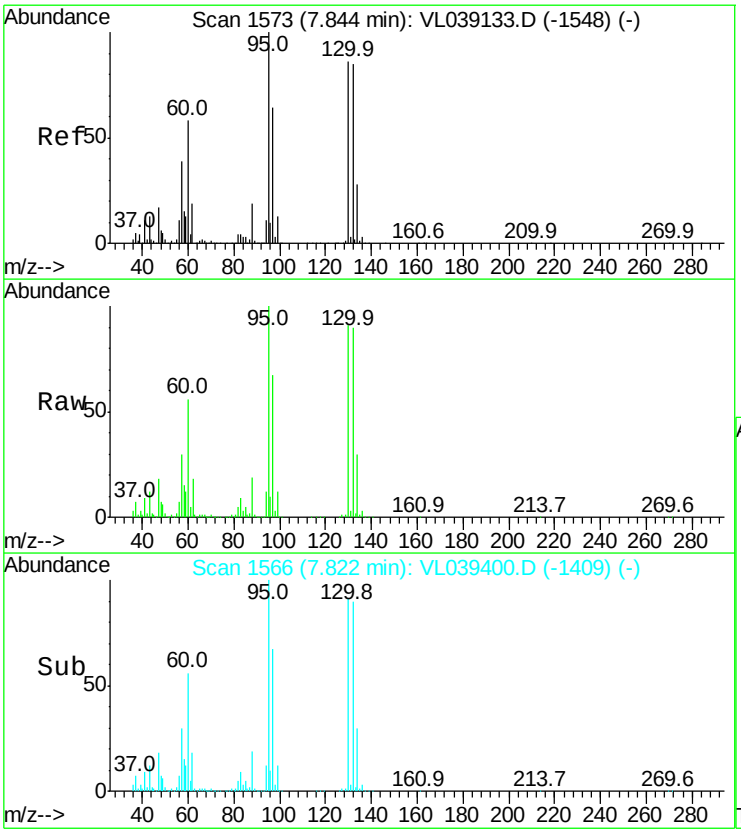
#37
1,2-Dichloroethane
Concen: 11.93 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 2307365

Ion	Ratio	Lower	Upper
62	100		
98	6.4	5.1	7.7

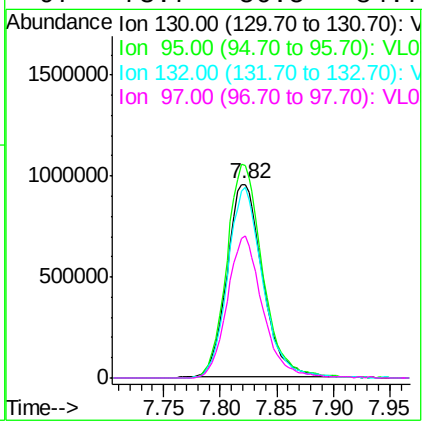


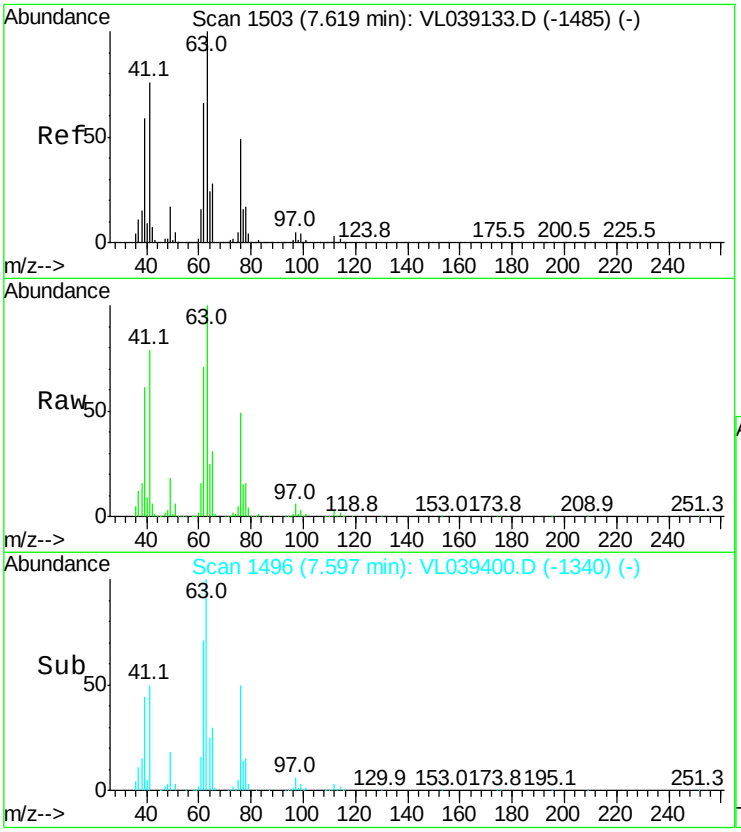


#38
Trichloroethene
Concen: 15.53 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:130 Resp: 2096949

Ion	Ratio	Lower	Upper
130	100		
95	110.4	87.3	130.9
132	98.7	76.7	115.1
97	73.7	56.5	84.7



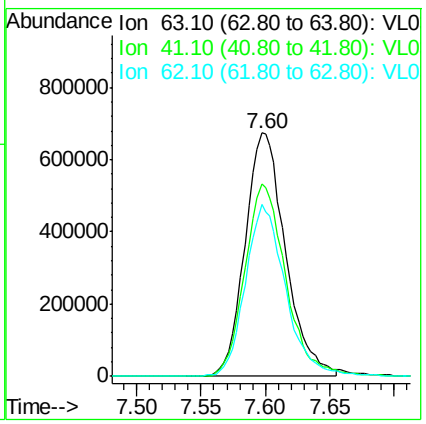


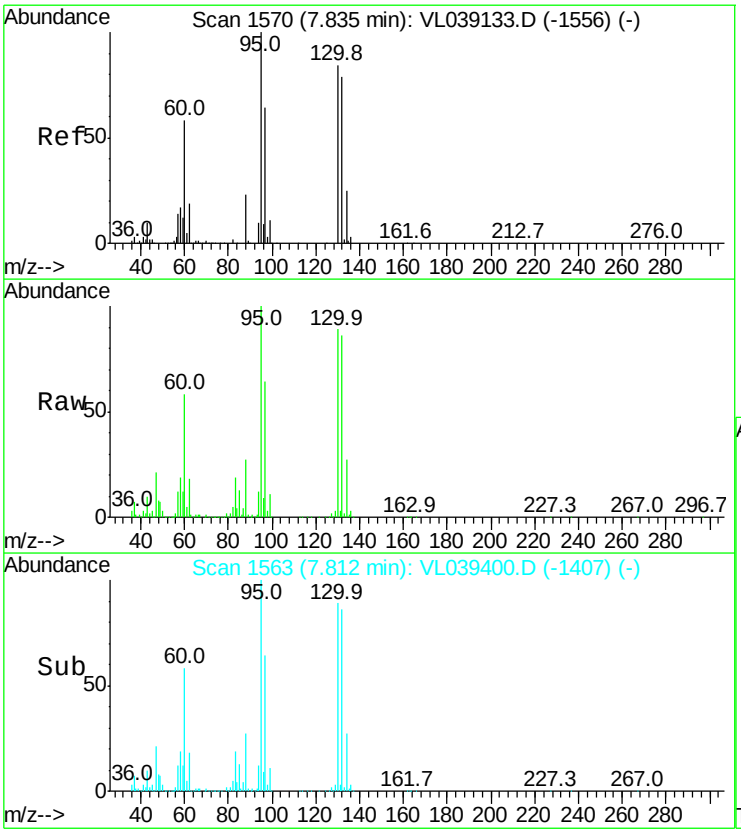
#39
1,2-Dichloropropane
Concen: 12.60 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 1472491

Ion	Ratio	Lower	Upper
63	100		
41	78.7	59.6	89.4
62	70.4	51.4	77.0

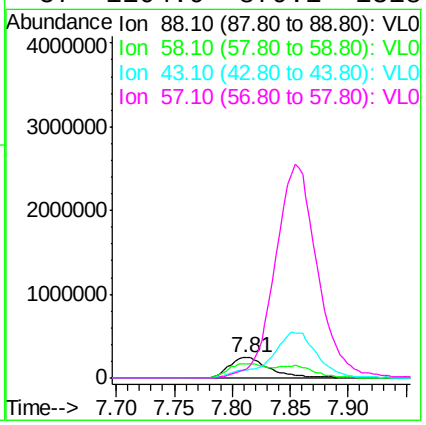


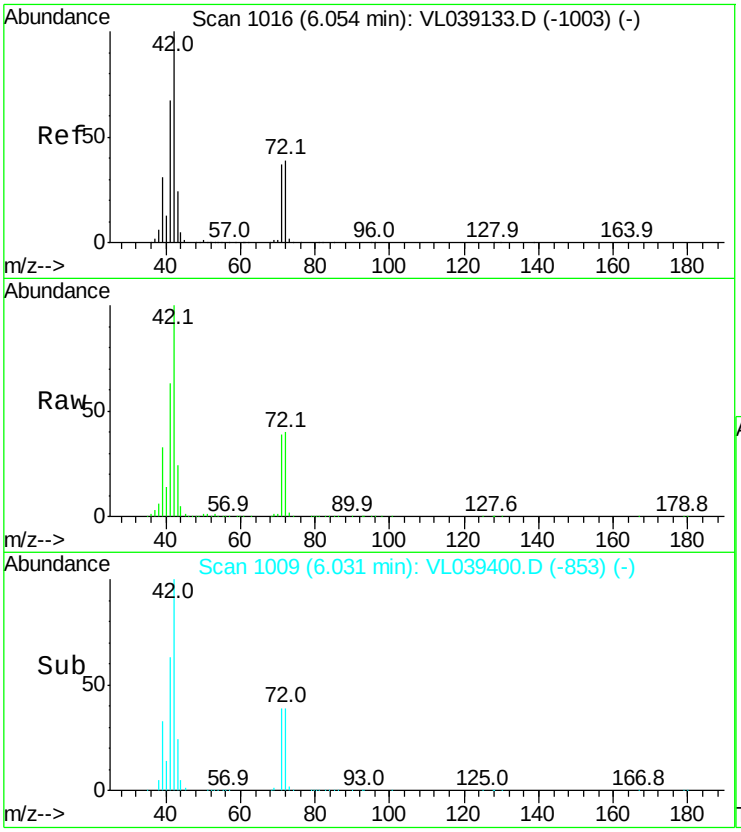


#40
1,4-Dioxane
Concen: 15.29 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 88 Resp: 588495

Ion	Ratio	Lower	Upper
88	100		
58	124.4	100.2	150.4
43	263.7	205.8	308.6
57	1104.9	879.1	1318.7



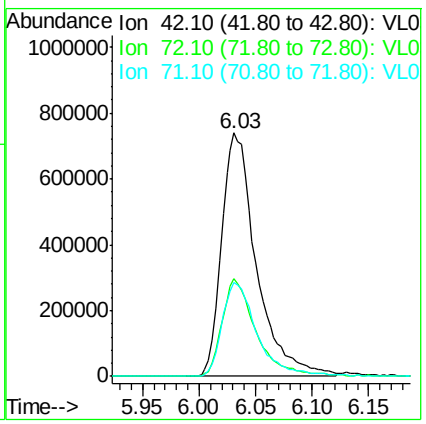


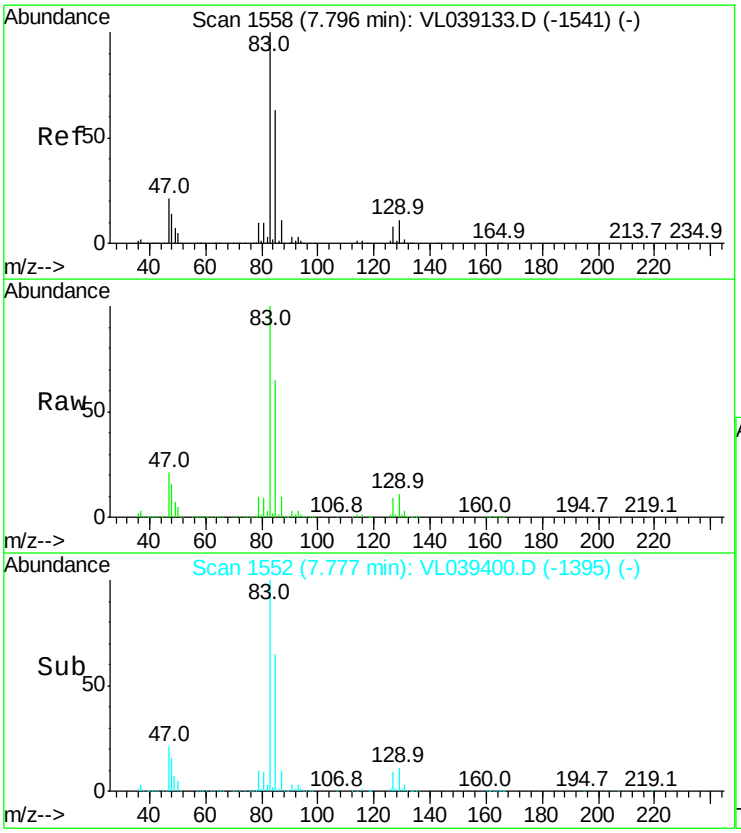
#41
Tetrahydrofuran
Concen: 13.39 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 1583359

Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.8	47.8
71	39.1	31.8	47.8

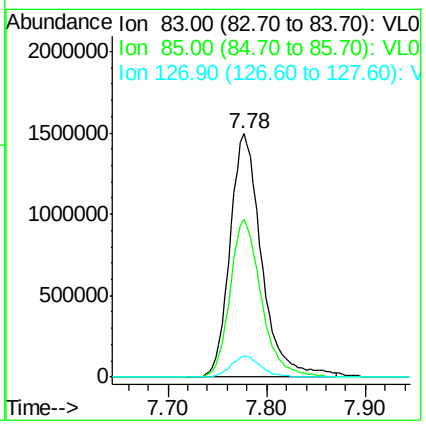


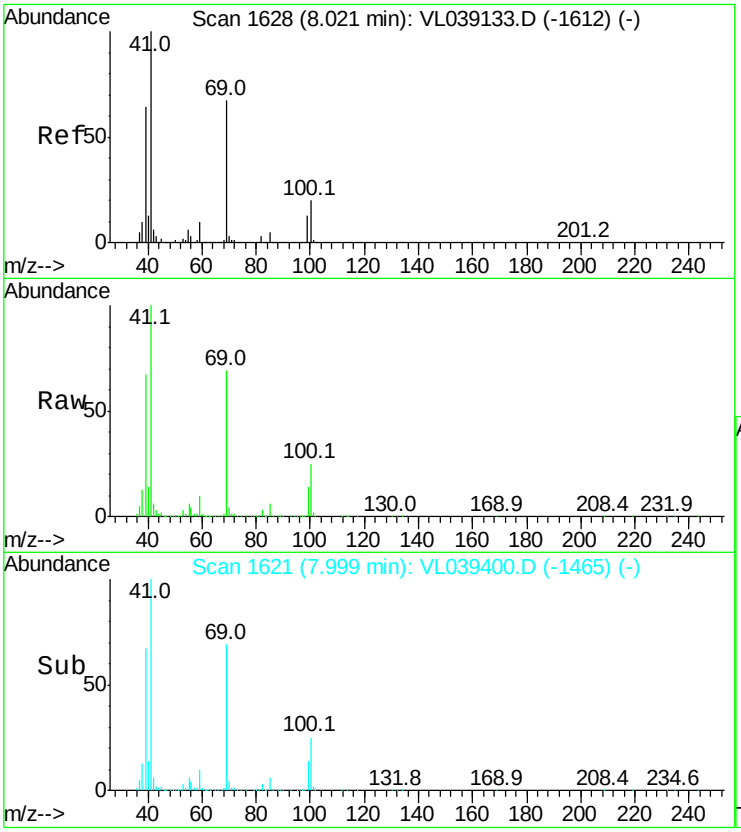


#42
Bromodichloromethane
Concen: 12.43 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 83 Resp: 3335661

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.7	76.1
127	8.6	6.6	9.8



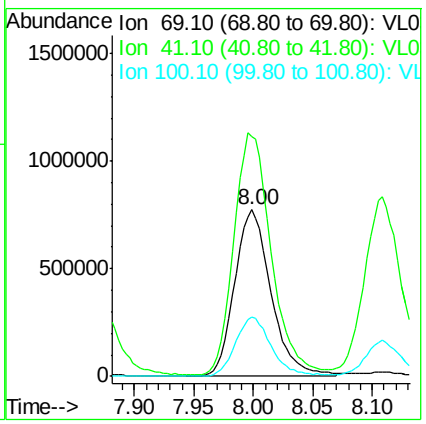


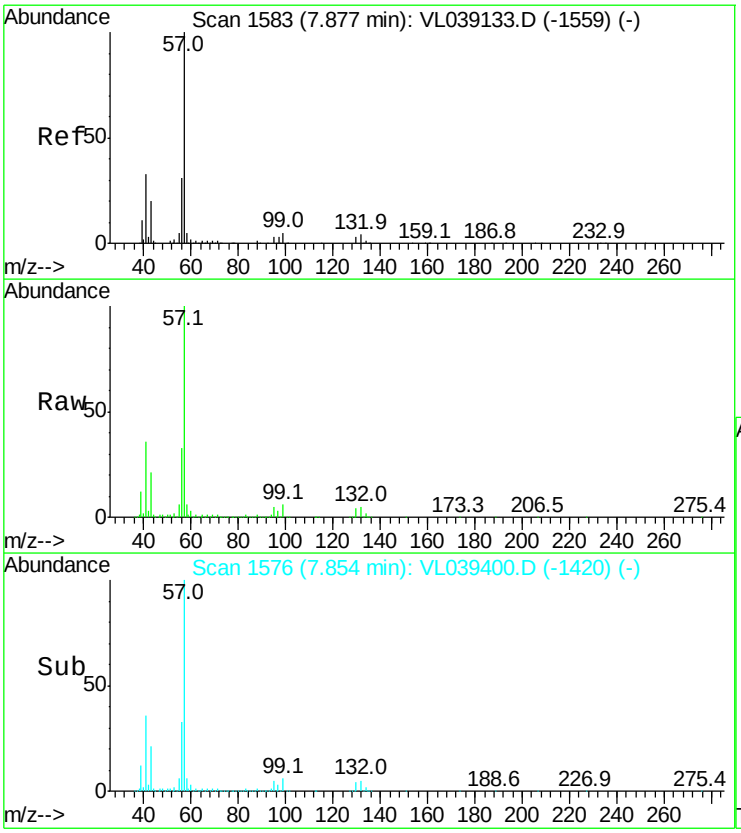
#43
Methyl Methacrylate
Concen: 14.32 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 1639390

Ion	Ratio	Lower	Upper
69	100		
41	151.0	120.8	181.2
100	35.3	27.8	41.6

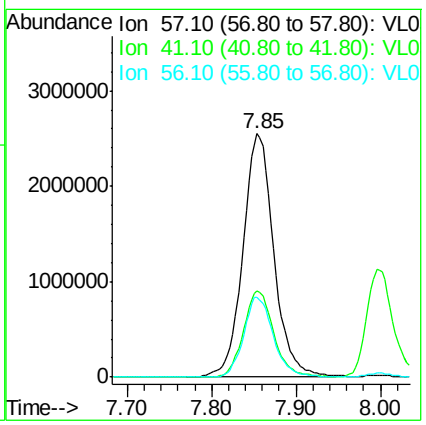


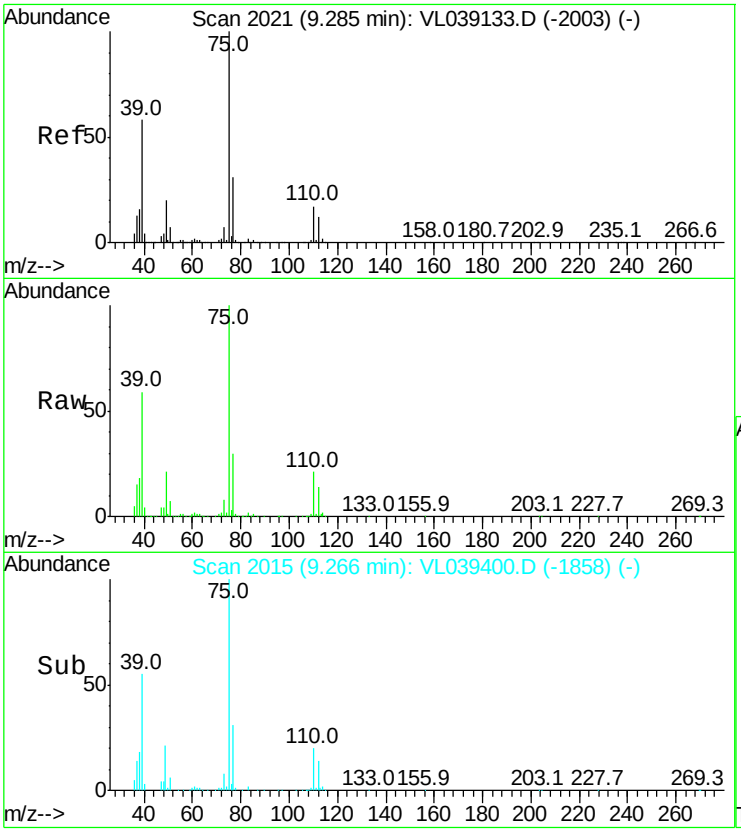


#44
2,2,4-Trimethylpentane
Concen: 12.63 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 57 Resp: 6491948

Ion	Ratio	Lower	Upper
57	100		
41	34.7	27.4	41.2
56	31.6	24.5	36.7



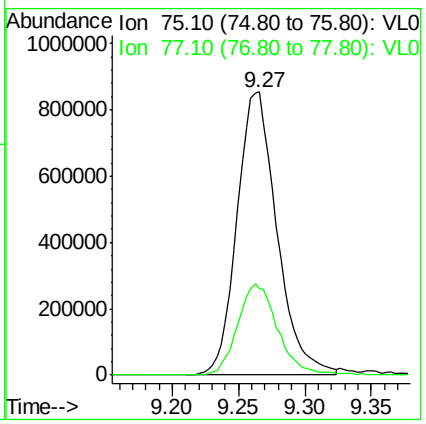


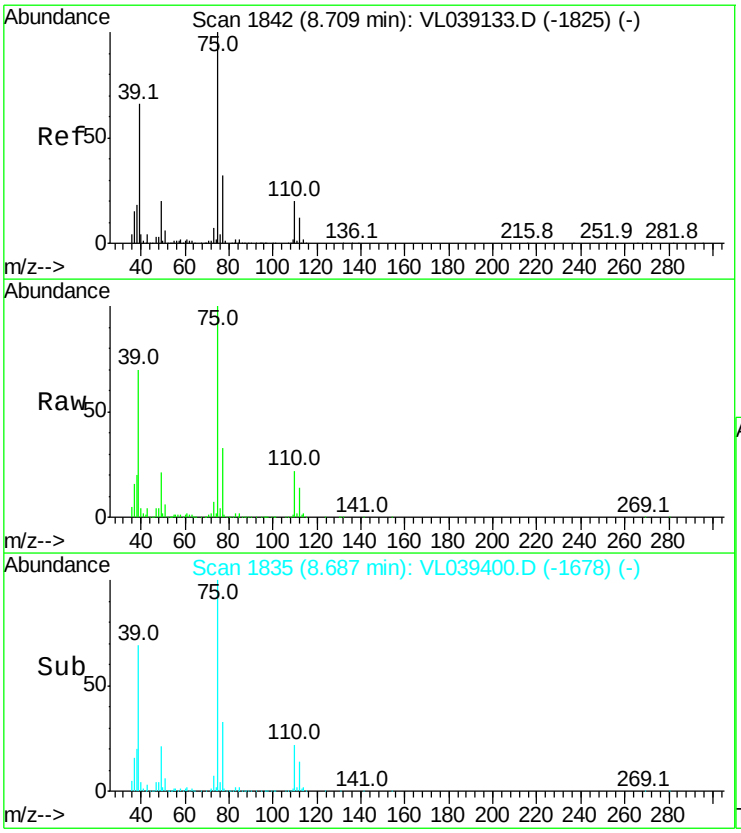
#45
t-1,3-Dichloropropene
Concen: 15.00 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1788143

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.6	36.8

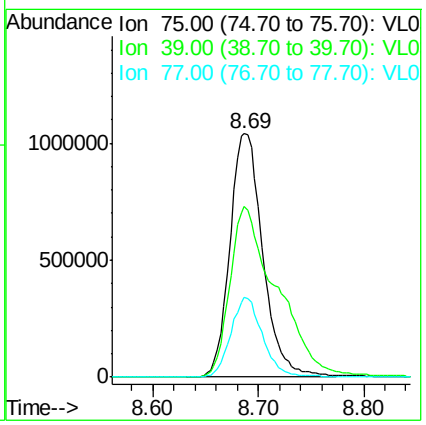


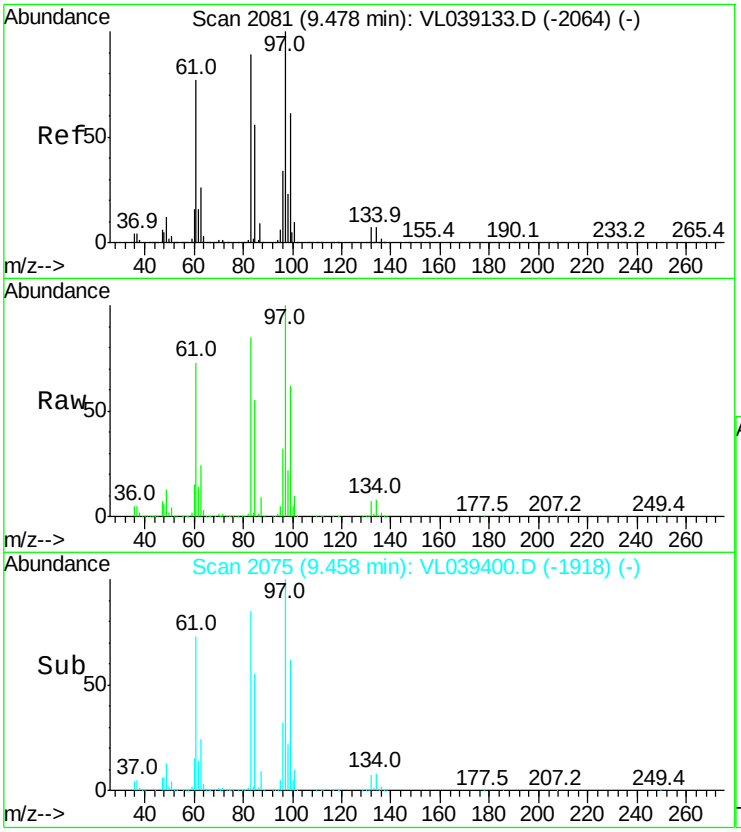


#46
cis-1,3-Dichloropropene
Concen: 14.29 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 75 Resp: 2251468

Ion	Ratio	Lower	Upper
75	100		
39	69.9	55.0	82.4
77	32.8	25.7	38.5



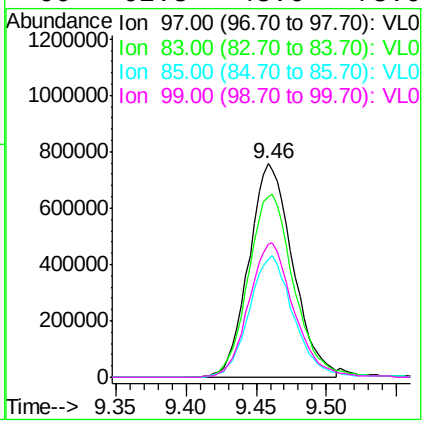


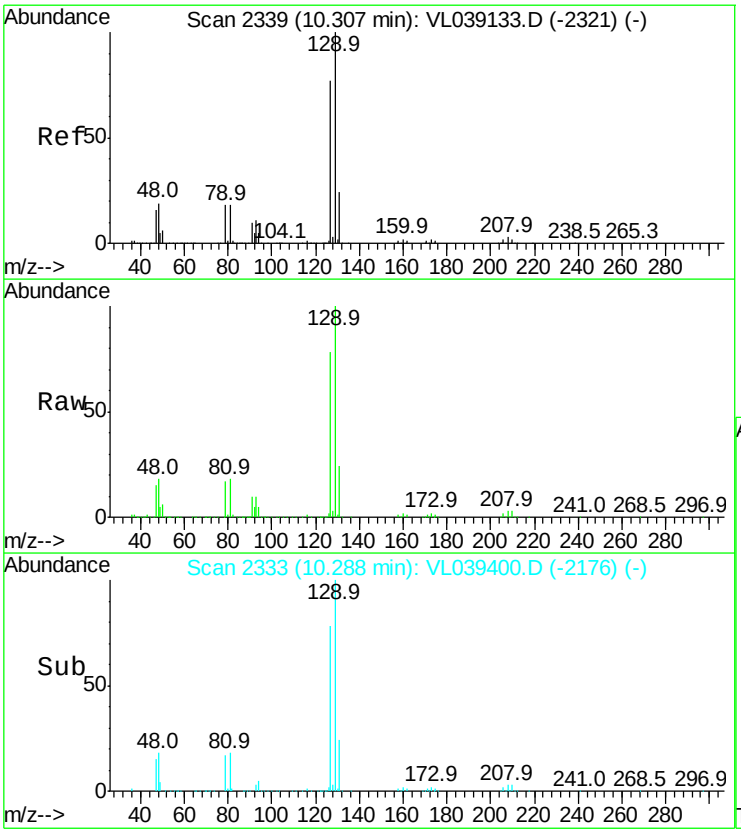
#47
1,1,2-Trichloroethane
Concen: 13.53 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1650277

Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.0
85	55.2	45.1	67.7
99	62.3	48.6	73.0

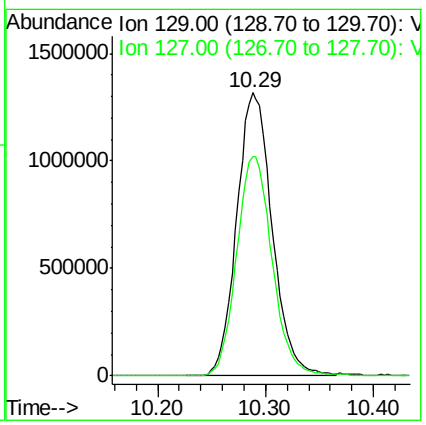


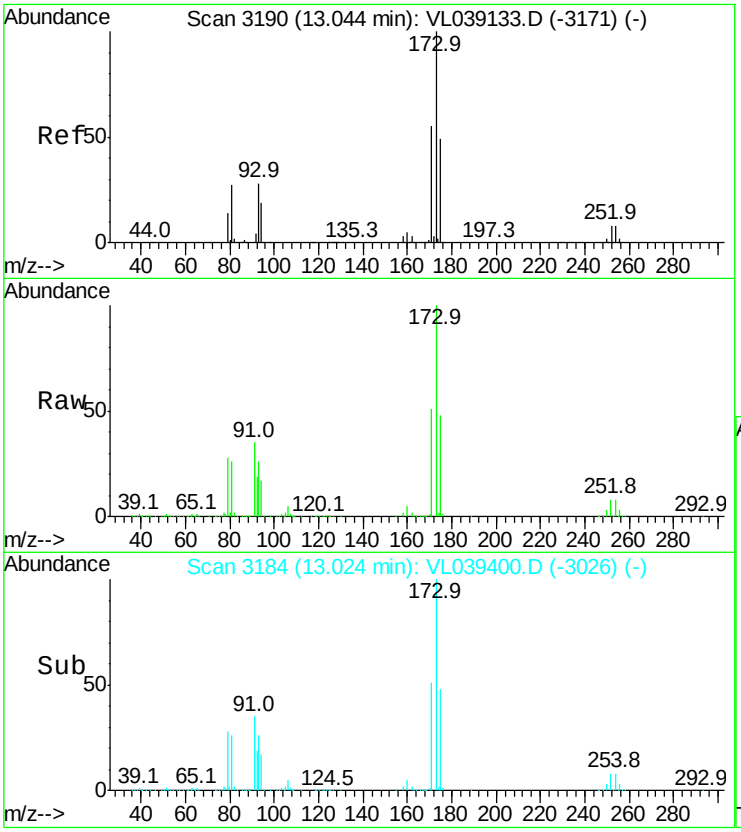


#48
Dibromochloromethane
Concen: 13.85 ppbv
RT: 10.29 min Scan# 2333
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:129 Resp: 3015383

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.3	117.9



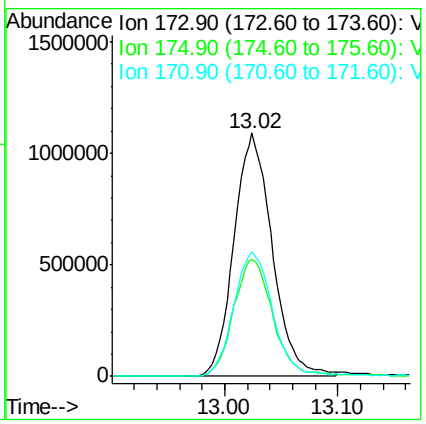


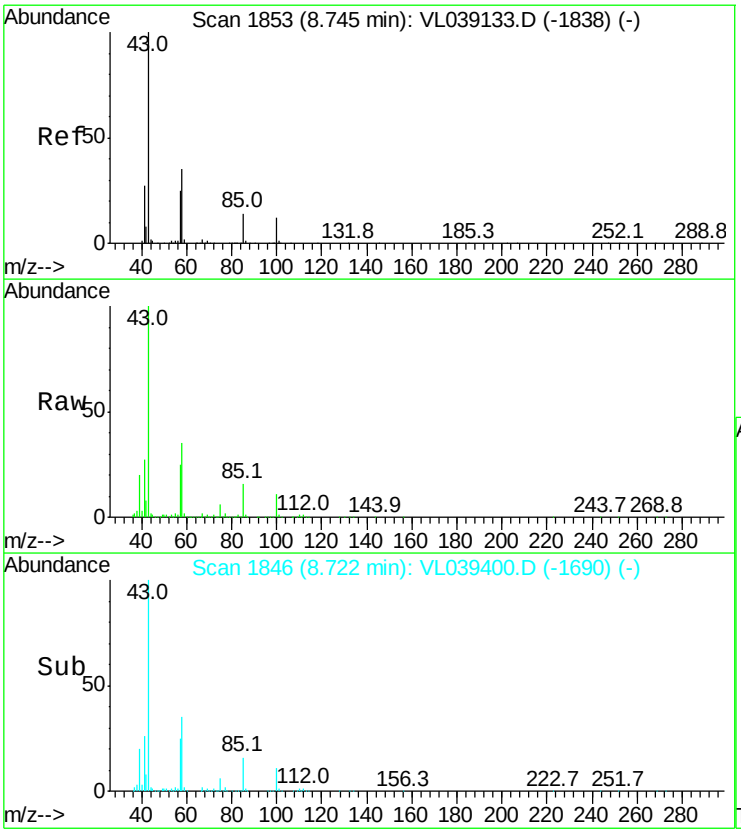
#49
Bromoform
Concen: 14.16 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 2570346

Ion	Ratio	Lower	Upper
173	100		
175	50.0	40.3	60.5
171	53.0	42.9	64.3

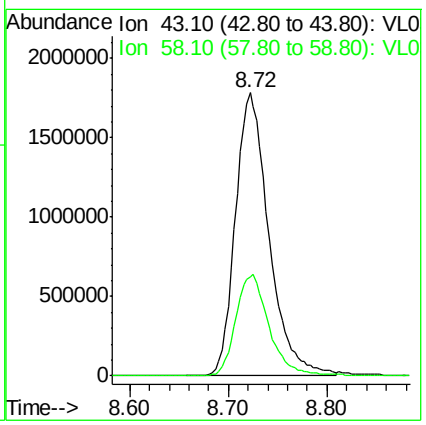


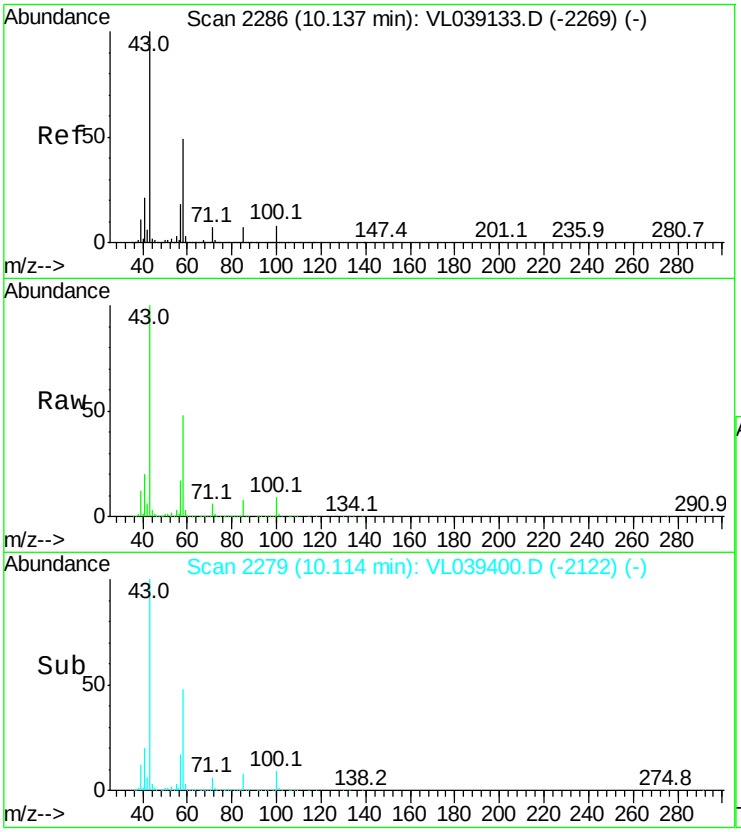


#50
4-Methyl-2-Pentanone
Concen: 14.26 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 43 Resp: 4198224

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.8	43.2



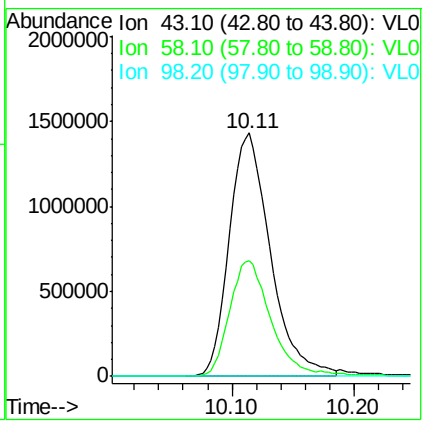


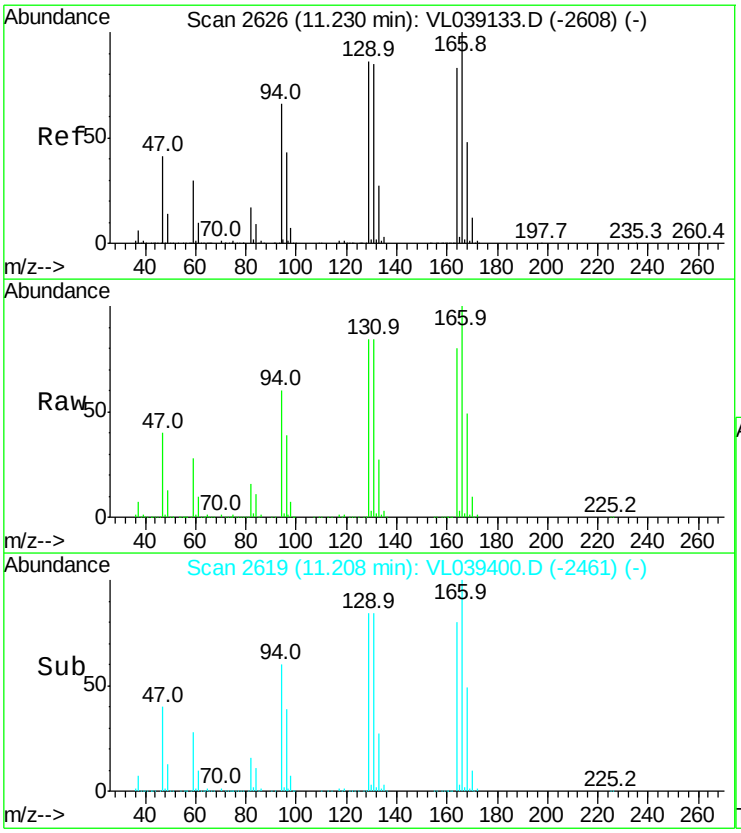
#51
2-Hexanone
Concen: 14.65 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 3355786

Ion	Ratio	Lower	Upper
43	100		
58	48.2	38.4	57.6
98	0.2	0.3	0.5#

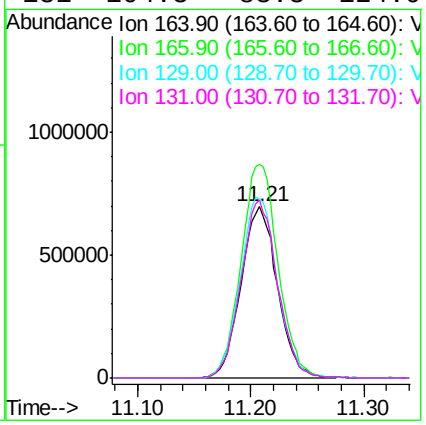


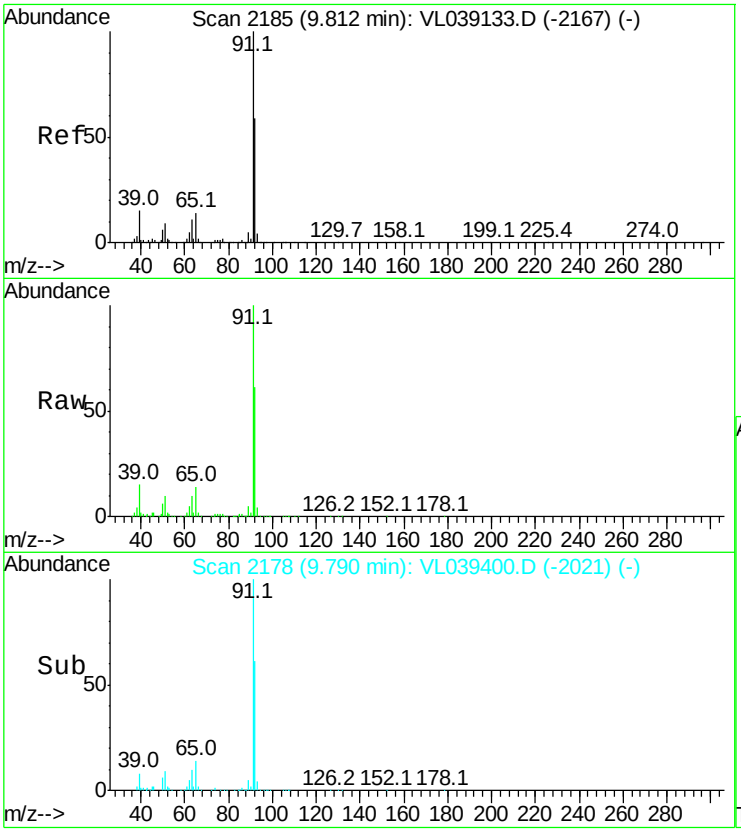


#52
Tetrachloroethene
Concen: 13.61 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:164 Resp: 1562014

Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.2	153.2
129	104.6	85.8	128.8
131	104.3	83.3	124.9



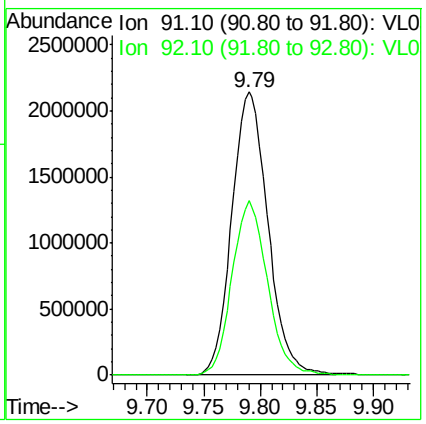


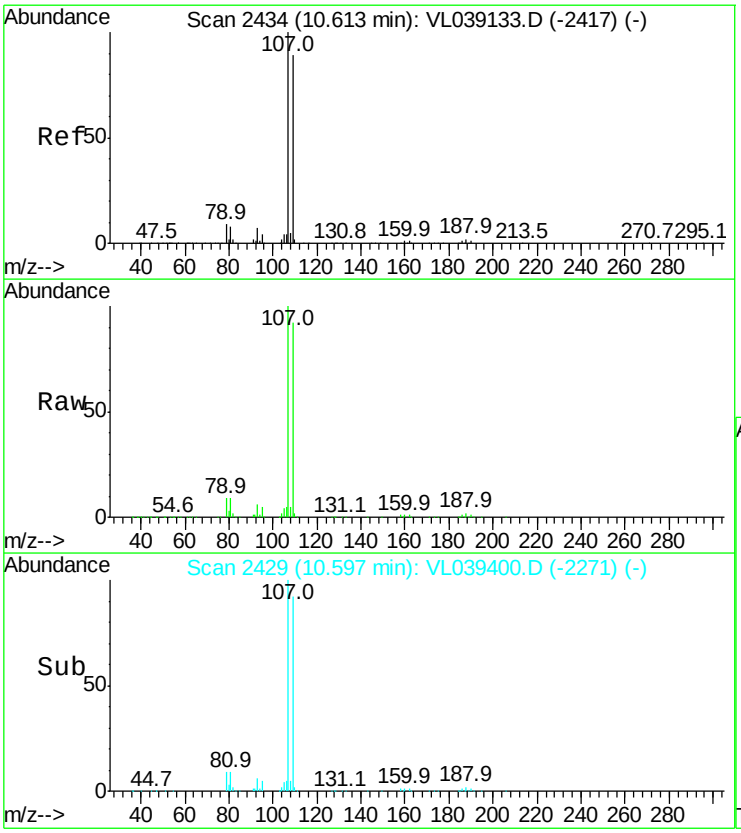
#53
Toluene
Concen: 14.08 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4764490

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.2	72.2

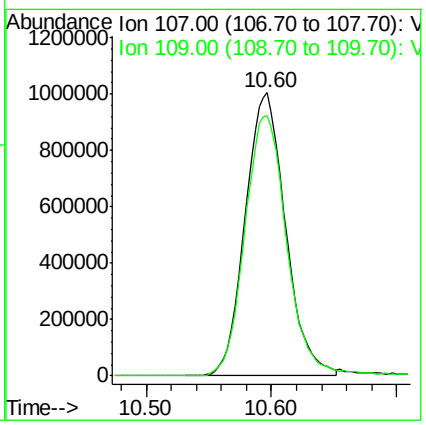


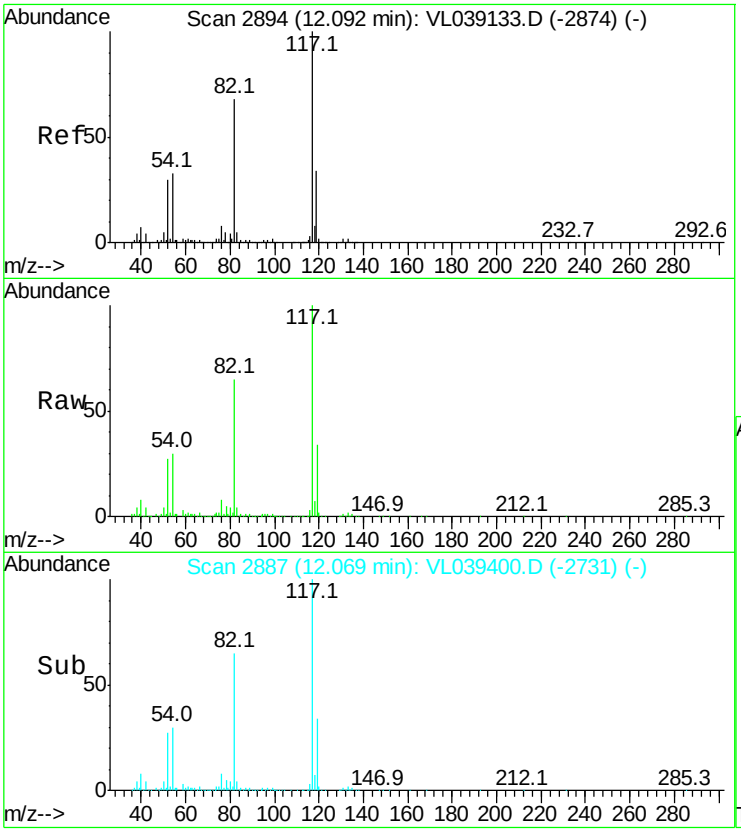


#54
1,2-Dibromoethane
Concen: 13.66 ppbv
RT: 10.60 min Scan# 2429
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:107 Resp: 2238808

Ion	Ratio	Lower	Upper
107	100		
109	91.9	74.8	112.2



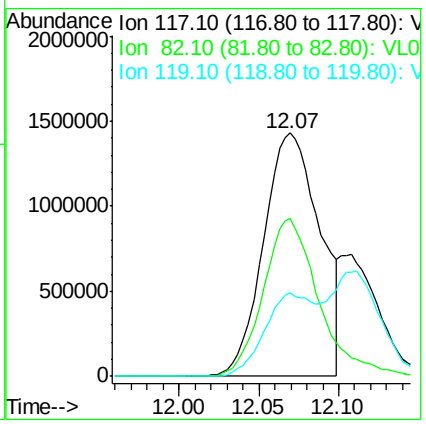


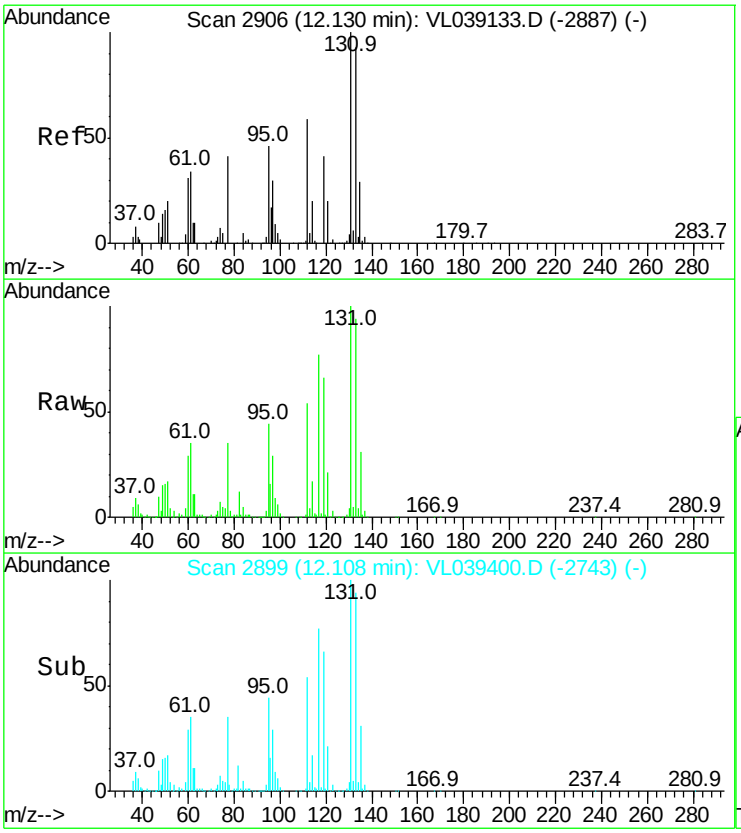
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 3495916

Ion	Ratio	Lower	Upper
117	100		
82	64.9	50.8	76.2
119	0.0	24.1	36.1#

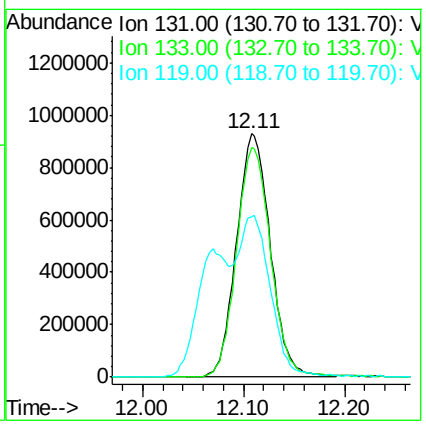


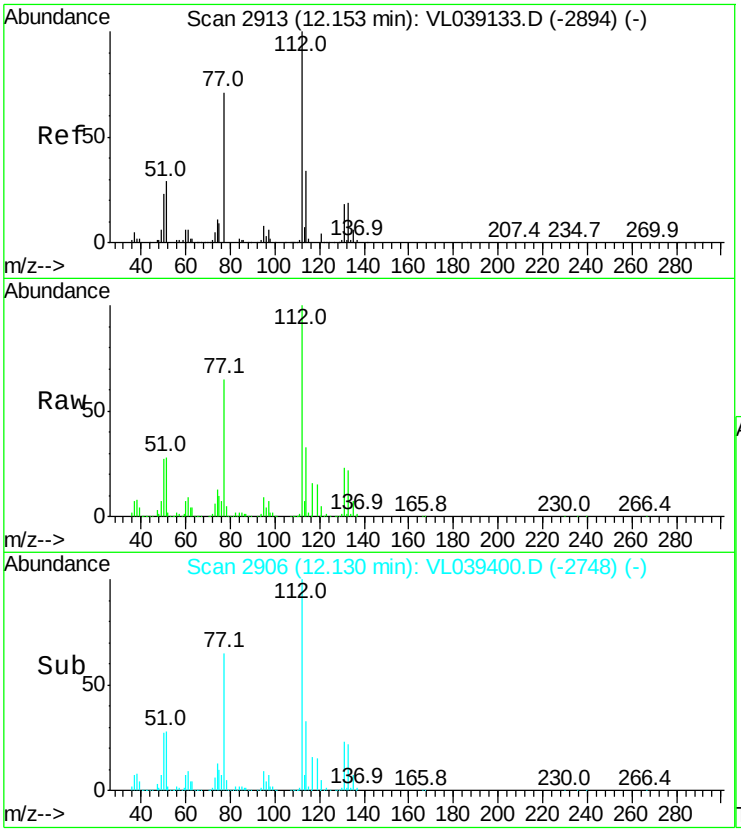


#56
1,1,1,2-Tetrachloroethane
Concen: 13.02 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:131 Resp: 2153710

Ion	Ratio	Lower	Upper
131	100		
133	96.3	76.8	115.2
119	115.3	46.2	69.4#



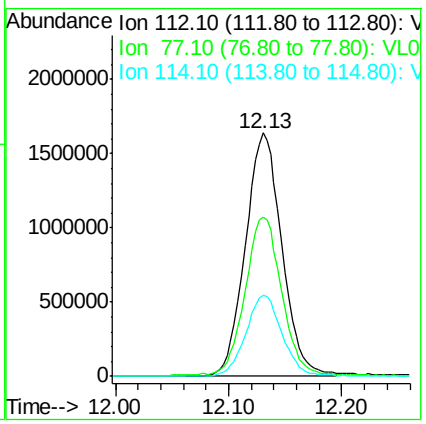


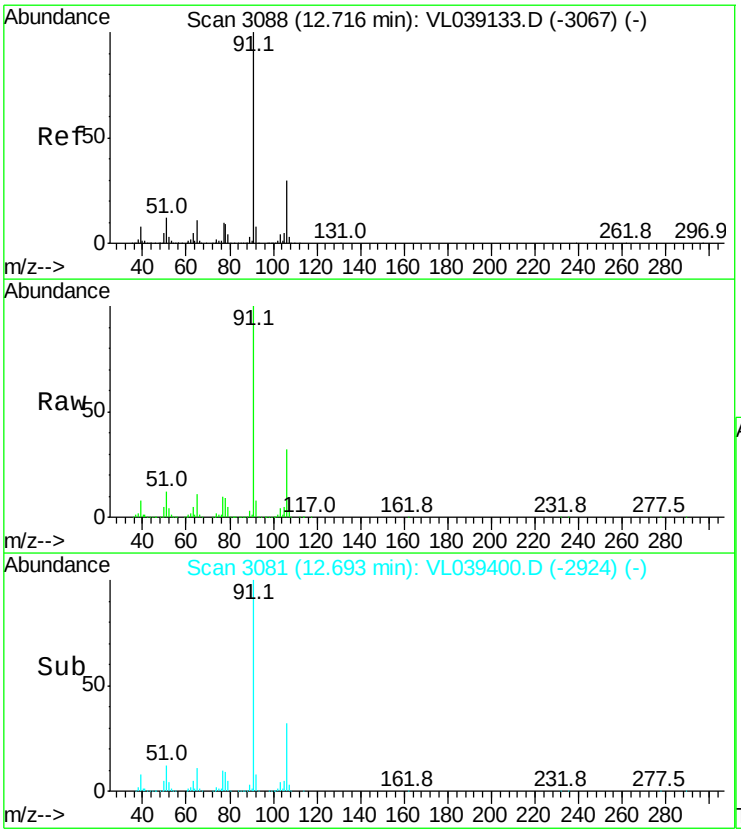
#57
Chlorobenzene
Concen: 13.97 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 3675563

Ion	Ratio	Lower	Upper
112	100		
77	64.5	51.0	76.4
114	33.2	27.5	33.6

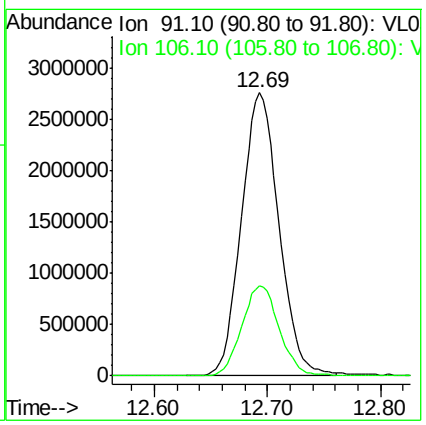


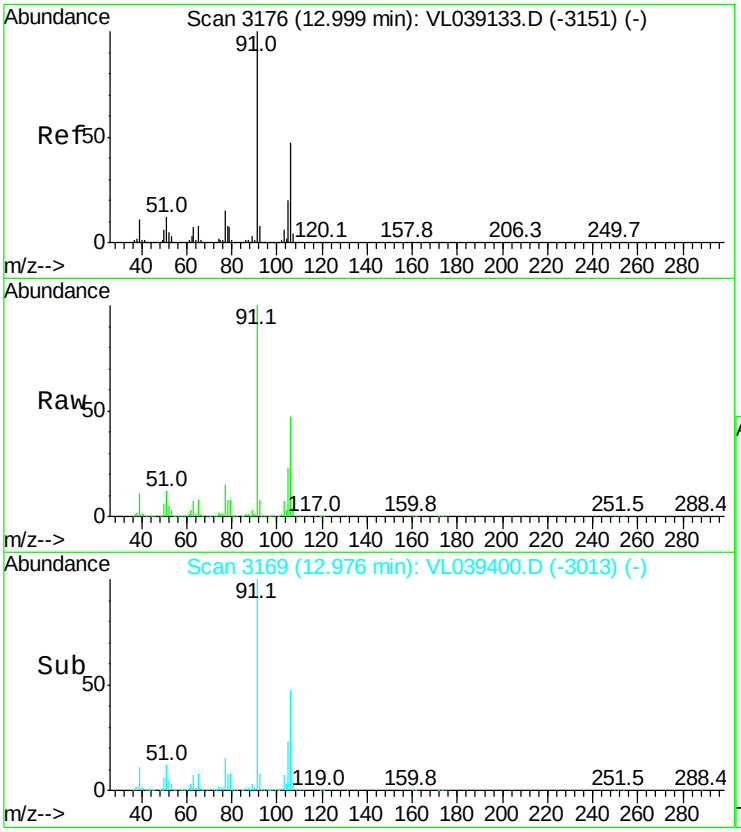


#58
Ethyl Benzene
Concen: 13.22 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 91 Resp: 6367091

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.0



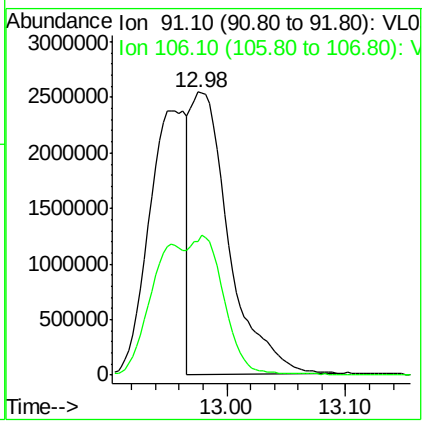


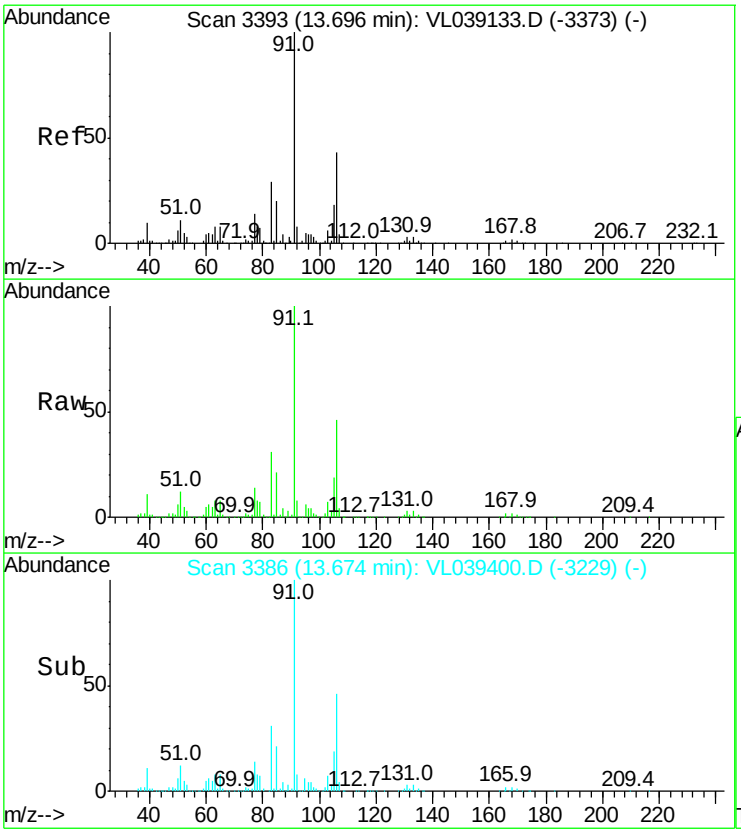
#59
m/p-Xylene
Concen: 13.45 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 5704309

Ion	Ratio	Lower	Upper
91	100		
106	87.4	35.4	53.2#

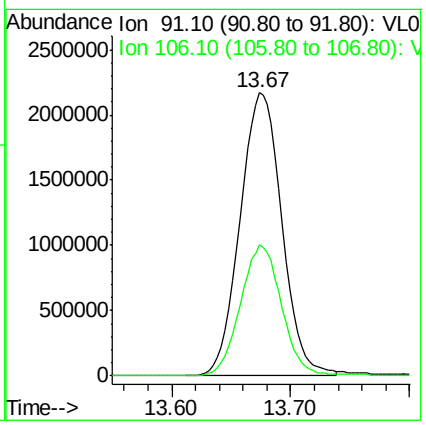


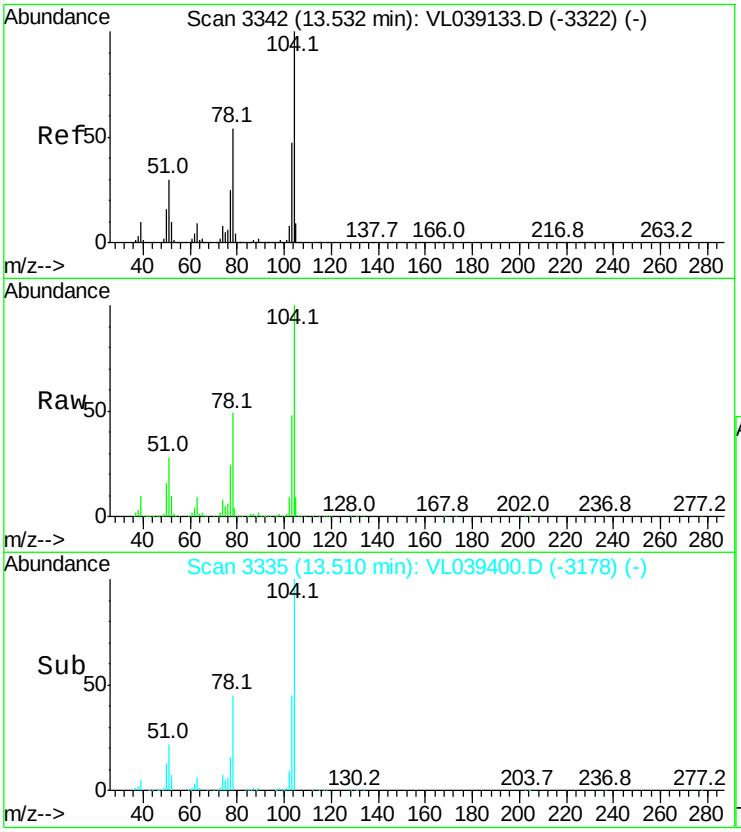


#60
o-Xylene
Concen: 13.21 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 91 Resp: 5264420

Ion	Ratio	Lower	Upper
91	100		
106	46.2	22.4	67.3



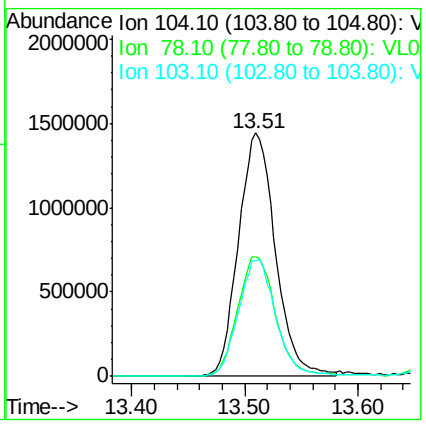


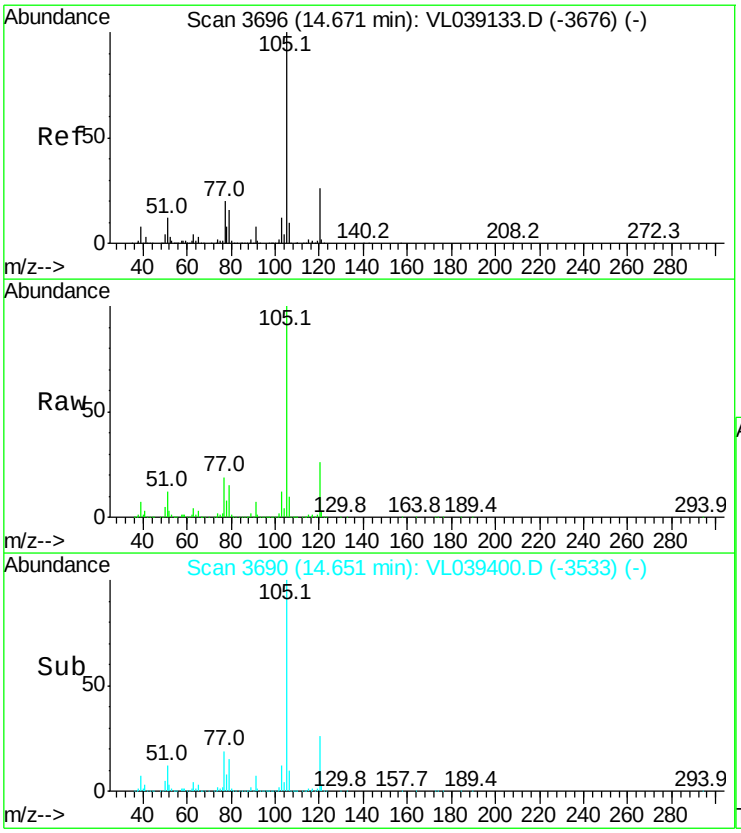
#61
Styrene
Concen: 15.40 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 3286506

Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.2	61.8
103	48.9	38.7	58.1

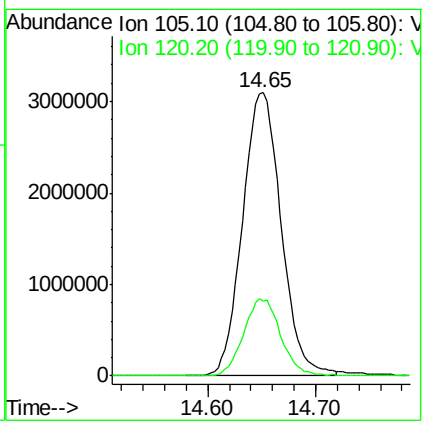


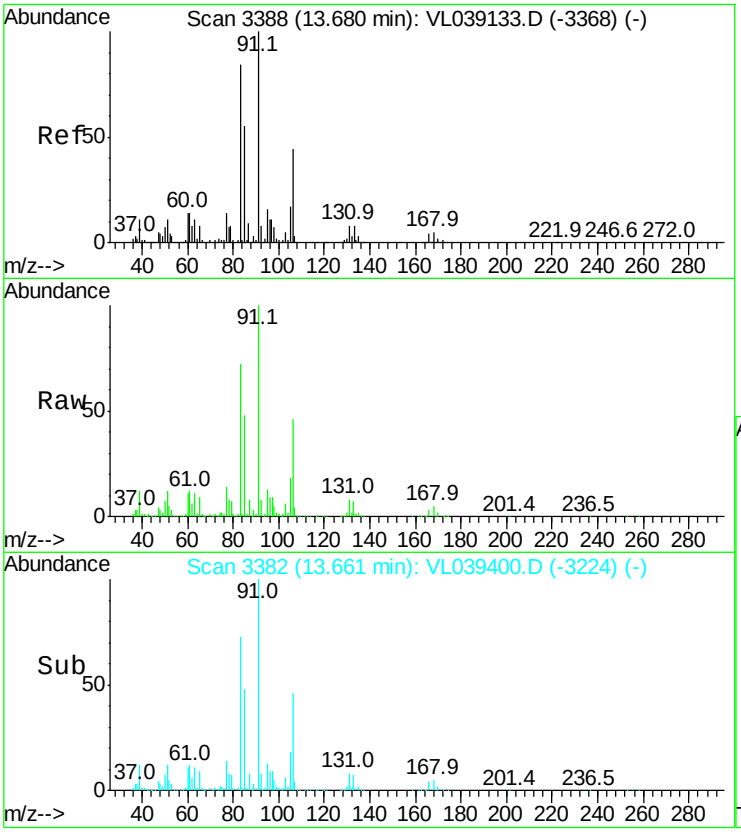


#62
Isopropylbenzene
Concen: 13.01 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:105 Resp: 7706444

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.7	31.1



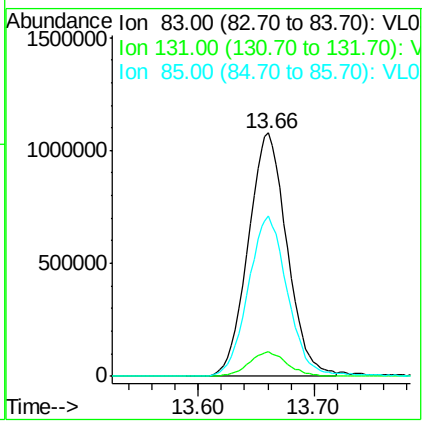


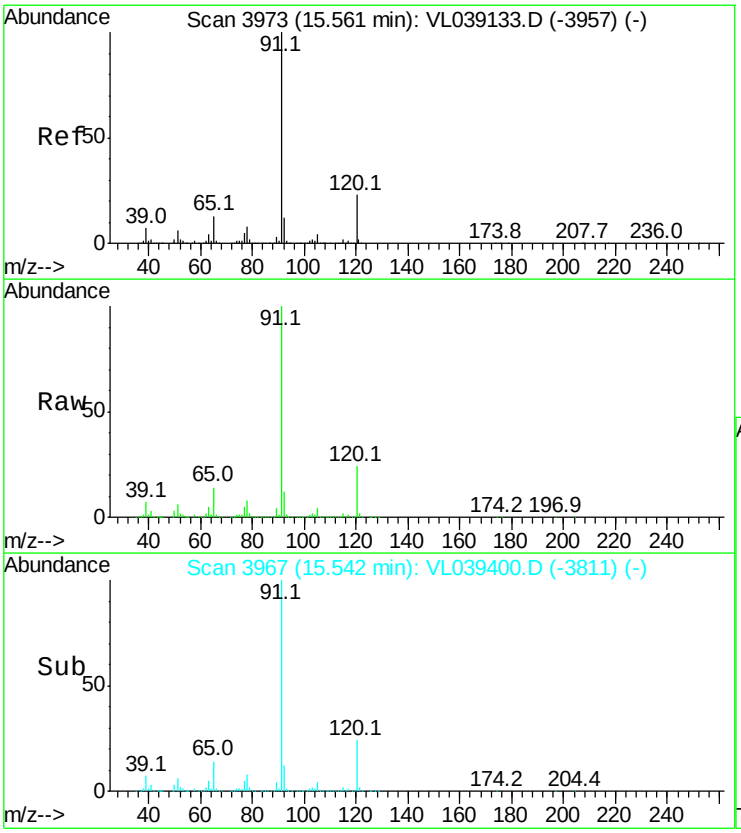
#63
1,1,2,2-Tetrachloroethane
Concen: 11.21 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2508275

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.3	15.8
85	67.4	33.1	99.5

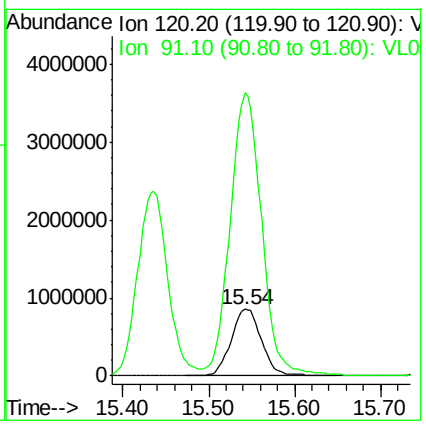


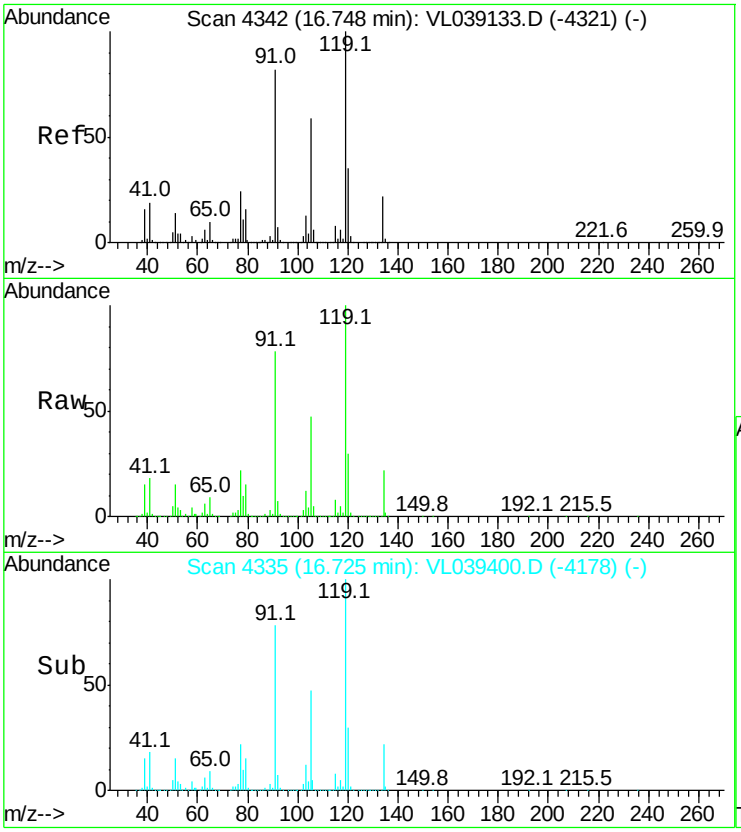


#64
n-propylbenzene
Concen: 14.44 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:120 Resp: 2102128

Ion	Ratio	Lower	Upper
120	100		
91	440.7	367.2	550.8



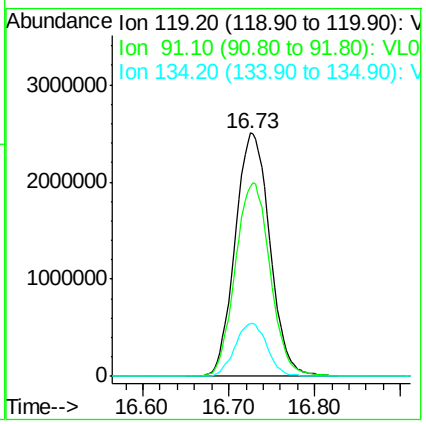


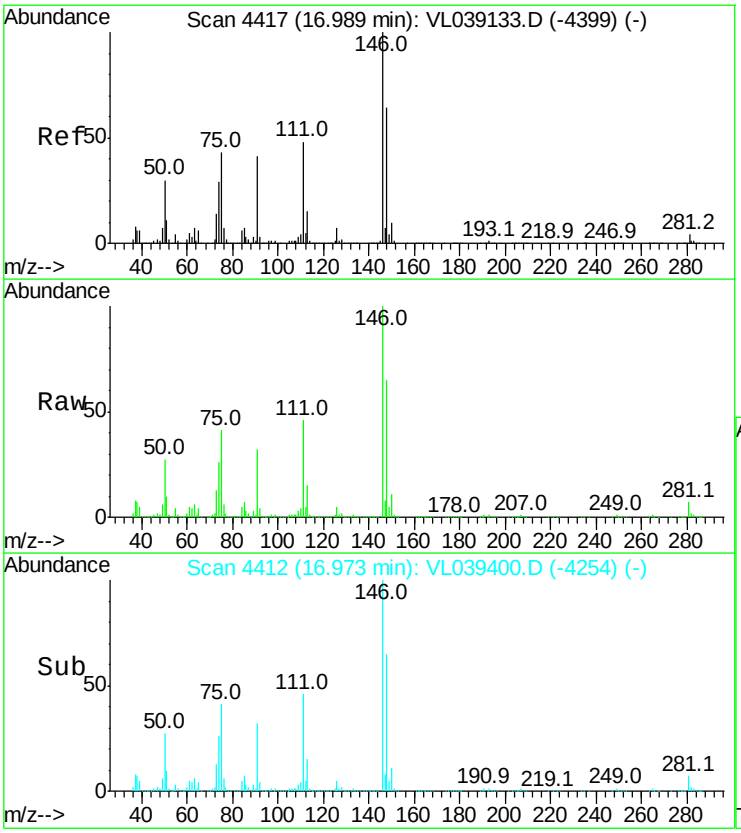
#65
tert-Butylbenzene
Concen: 12.98 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 7029250

Ion	Ratio	Lower	Upper
119	100		
91	80.0	63.4	95.2
134	20.2	15.9	23.9

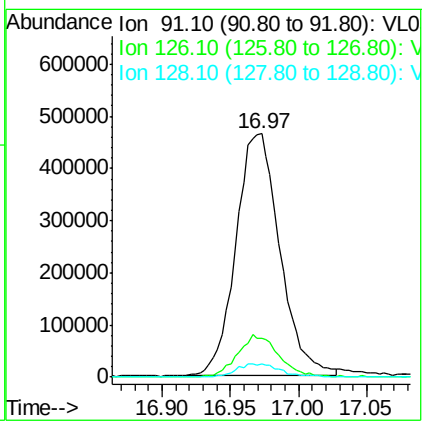


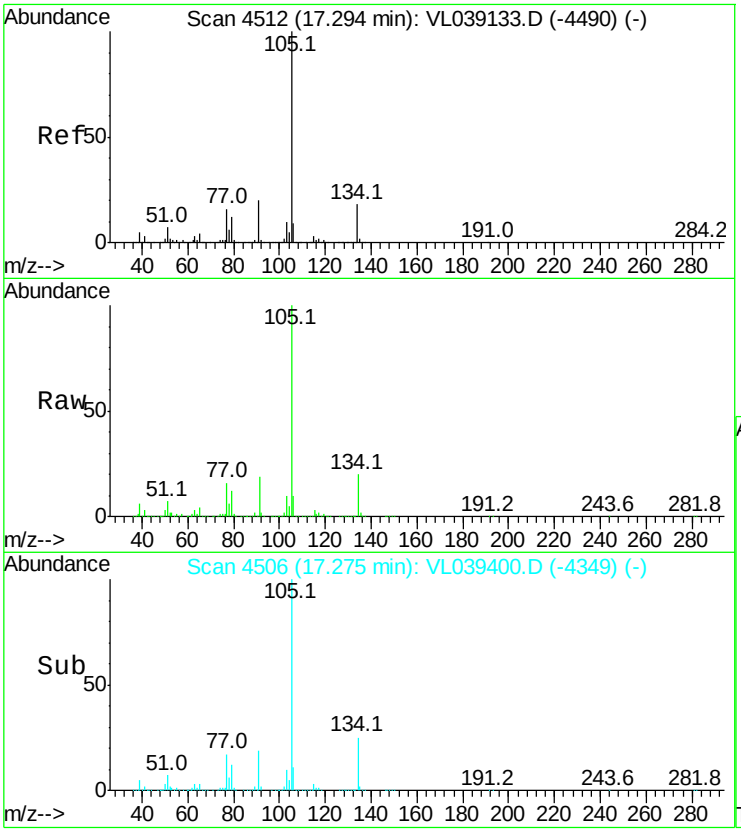


#66
Benzyl Chloride
Concen: 14.76 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 91 Resp: 1039433

Ion	Ratio	Lower	Upper
91	100		
126	16.6	13.1	19.7
128	5.5	4.4	6.6



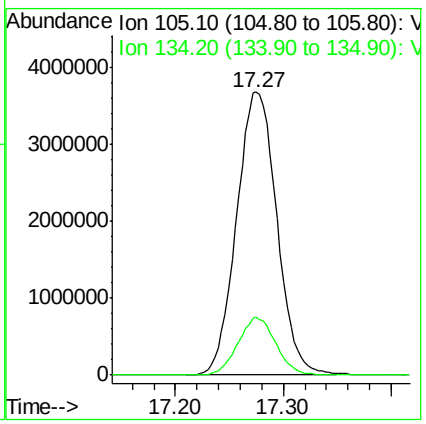


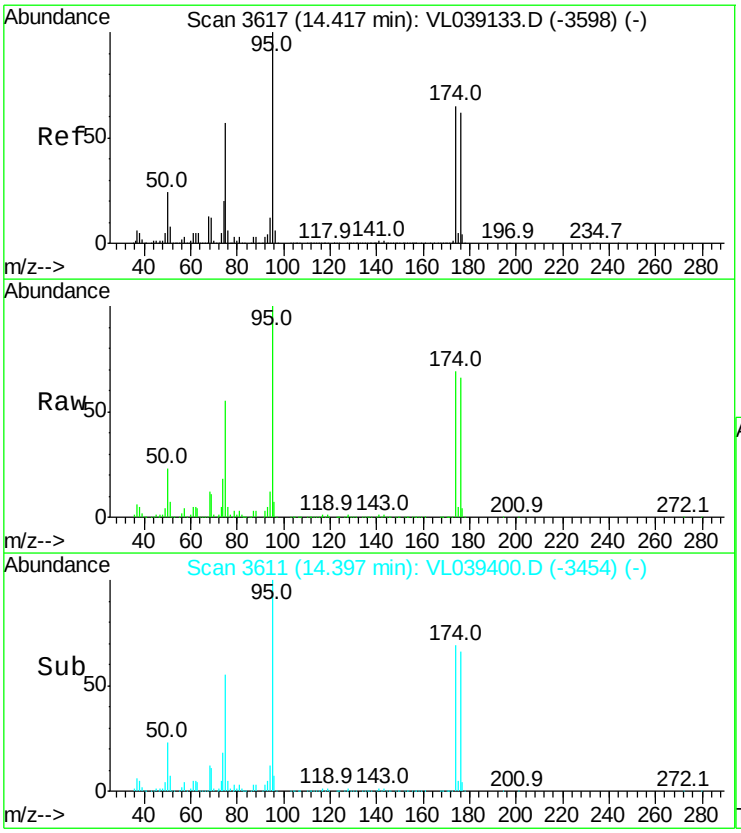
#67
sec-Butylbenzene
Concen: 12.93 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 9551592

Ion	Ratio	Lower	Upper
105	100		
134	19.3	14.8	22.2

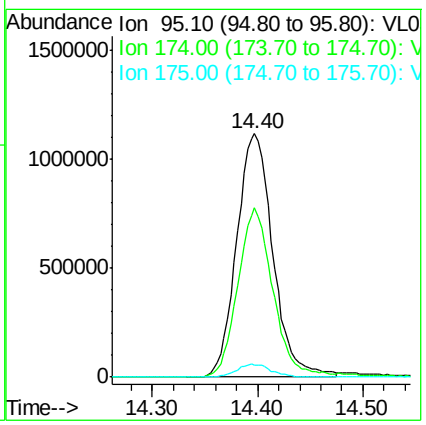


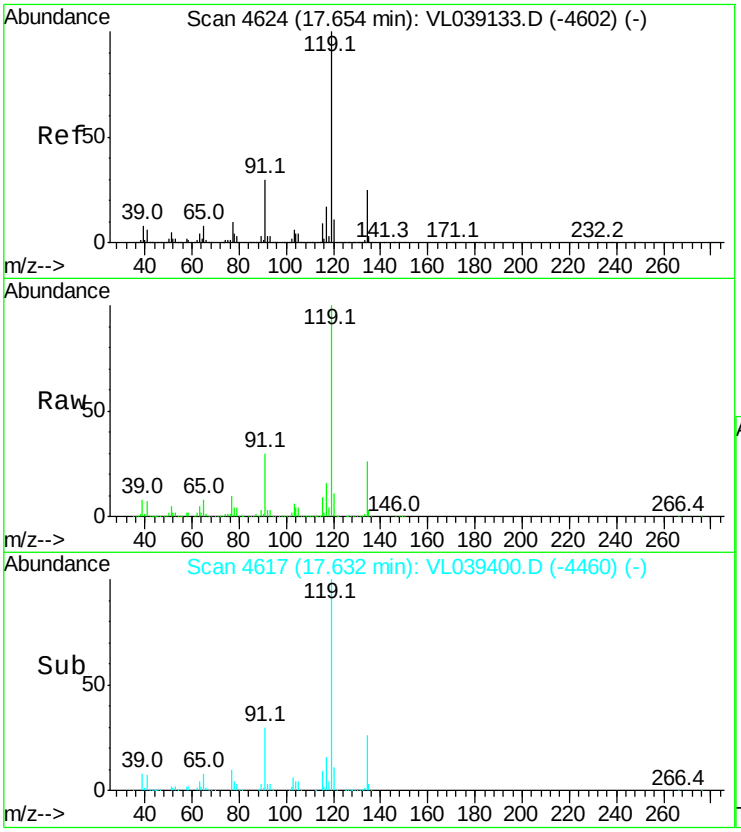


#68
1-Bromo-4-Fluorobenzene
Concen: 9.24 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 95 Resp: 2670213

Ion	Ratio	Lower	Upper
95	100		
174	68.8	55.9	83.9
175	5.4	4.2	6.4



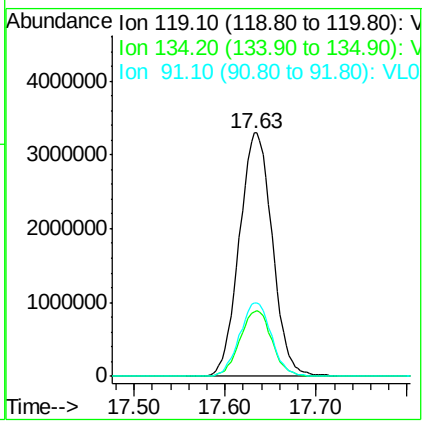


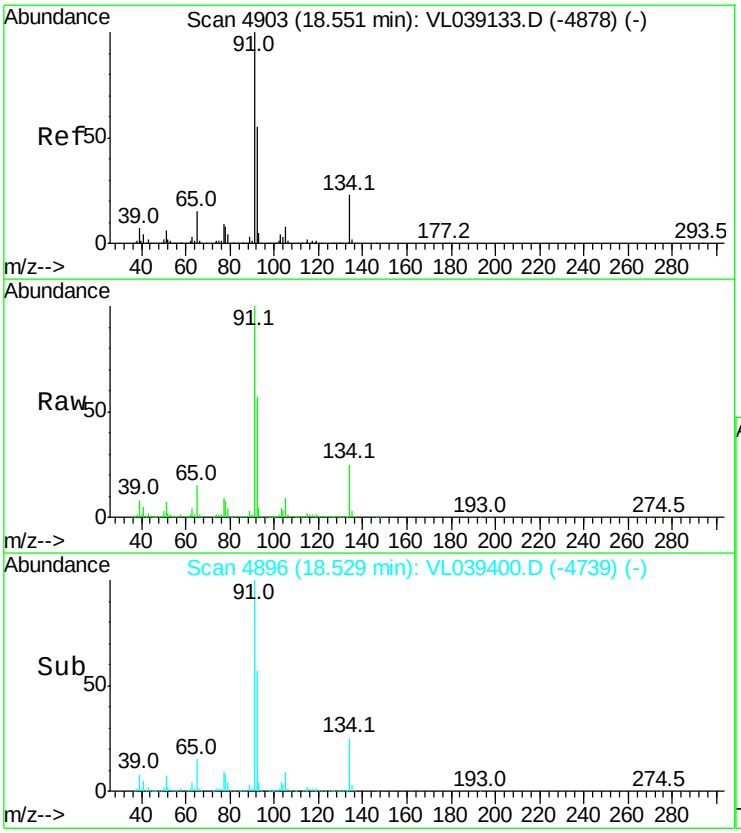
#69
p-Isopropyltoluene
Concen: 13.30 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 8292354

Ion	Ratio	Lower	Upper
119	100		
134	26.2	20.3	30.5
91	29.3	22.9	34.3

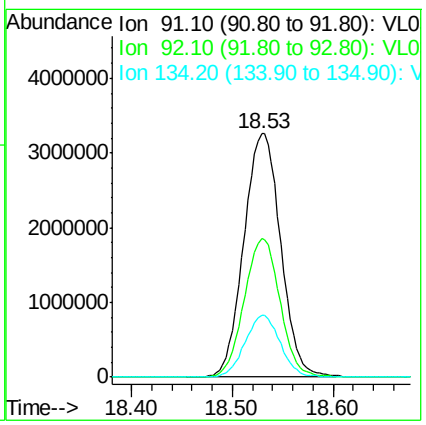


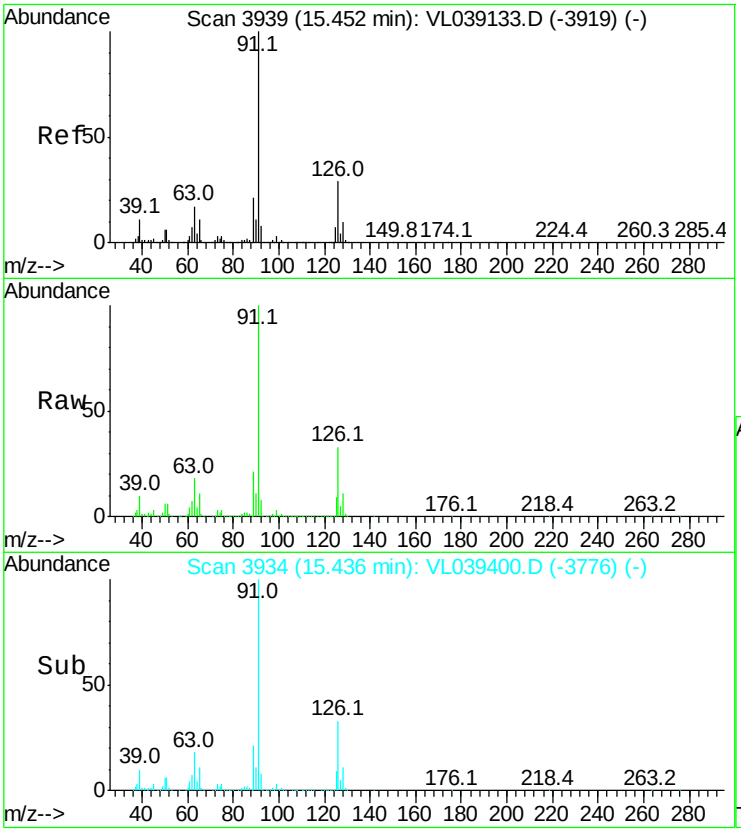


#70
n-Butylbenzene
Concen: 12.88 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 91 Resp: 8241091

Ion	Ratio	Lower	Upper
91	100		
92	55.5	43.4	65.2
134	24.4	18.9	28.3



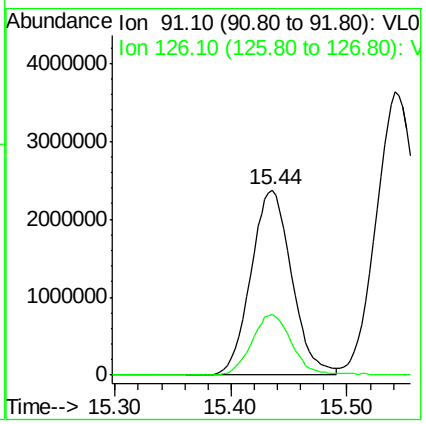


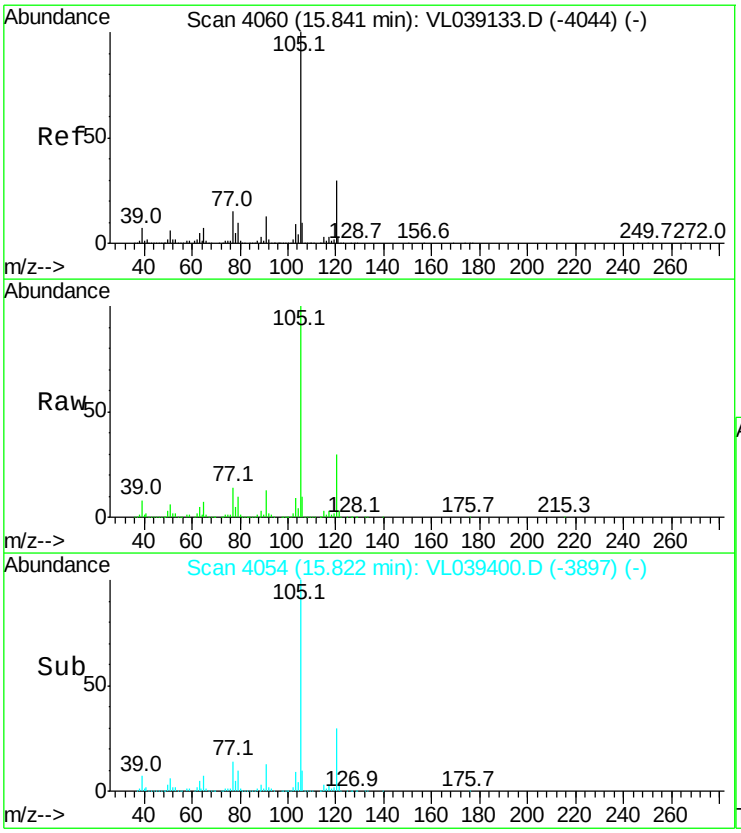
#71
2-Chlorotoluene
Concen: 12.83 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 5794999

Ion	Ratio	Lower	Upper
91	100		
126	32.8	13.0	51.8

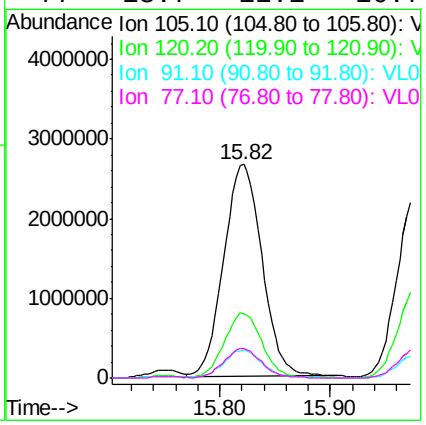


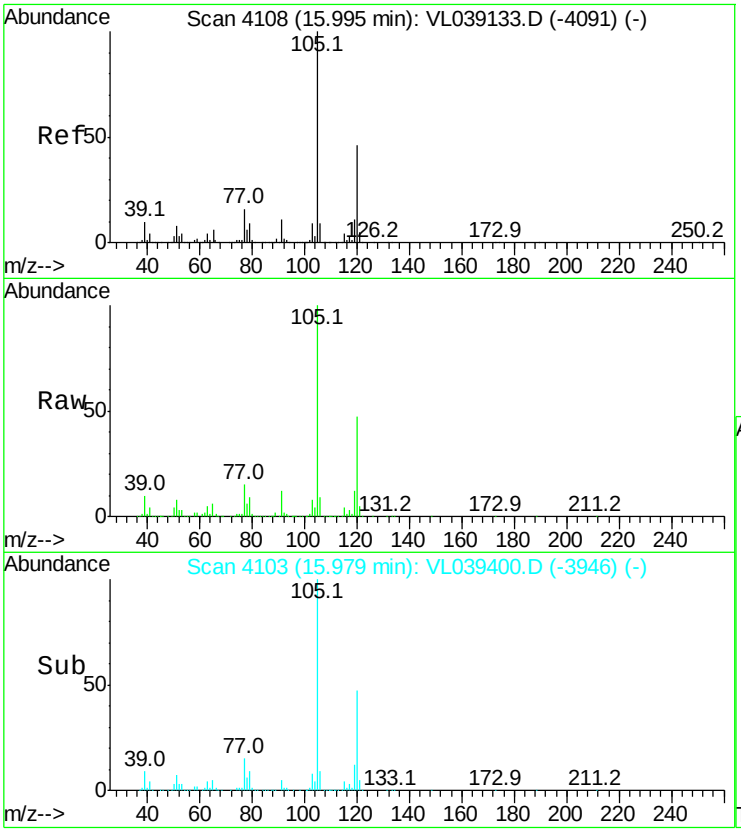


#72
4-Ethyltoluene
Concen: 13.81 ppbv
RT: 15.82 min Scan# 4054
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:105 Resp: 6450718

Ion	Ratio	Lower	Upper
105	100		
120	30.2	24.2	36.2
91	13.1	10.2	15.4
77	13.7	11.1	16.7



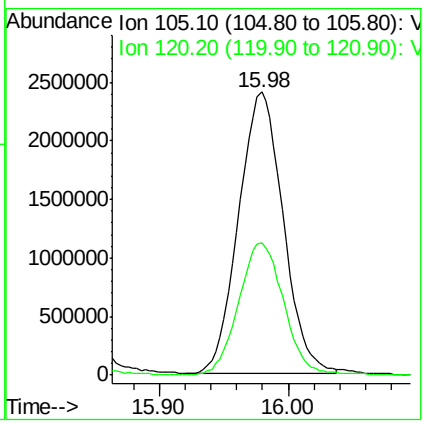


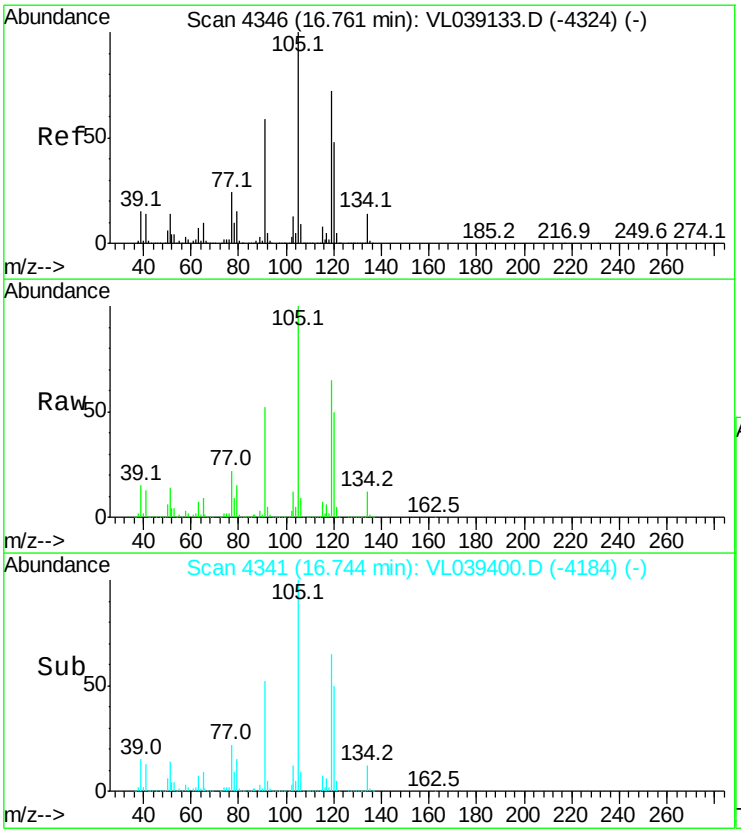
#73
1,3,5-Trimethylbenzene
Concen: 13.69 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 5767820

Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.2	57.4

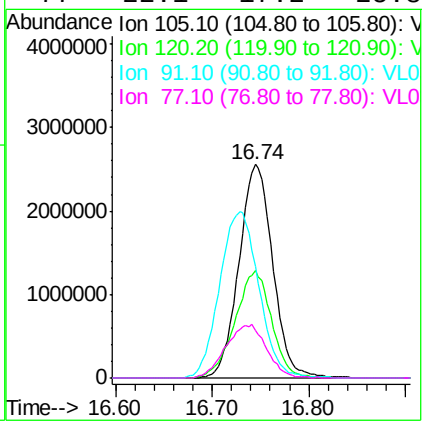


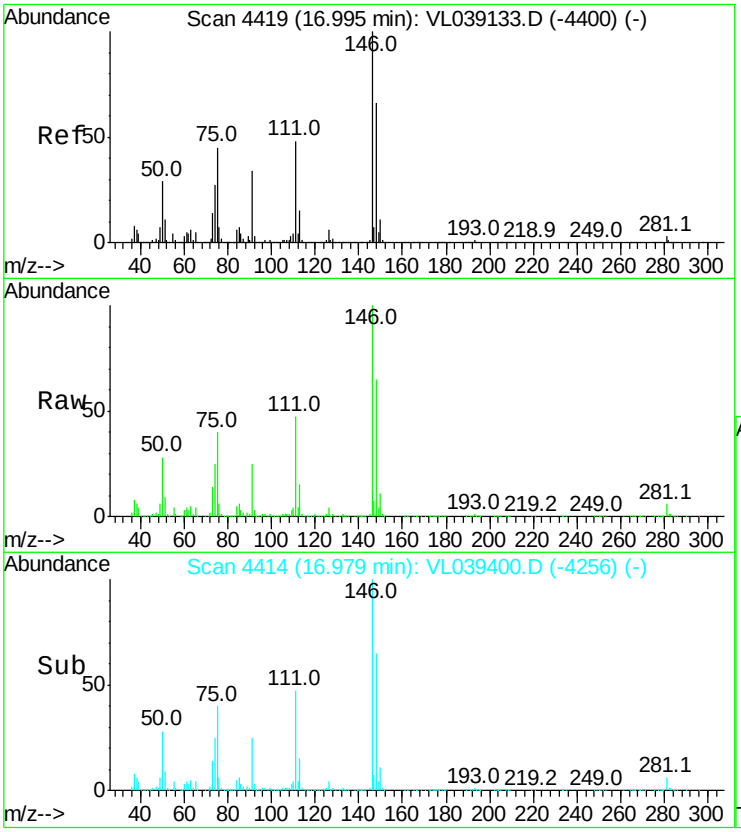


#74
1,2,4-Trimethylbenzene
Concen: 13.18 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:105 Resp: 6196663

Ion	Ratio	Lower	Upper
105	100		
120	50.0	39.5	59.3
91	52.0	39.2	58.8
77	22.1	17.2	25.8



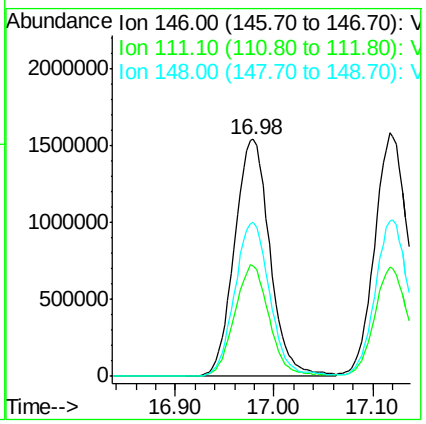


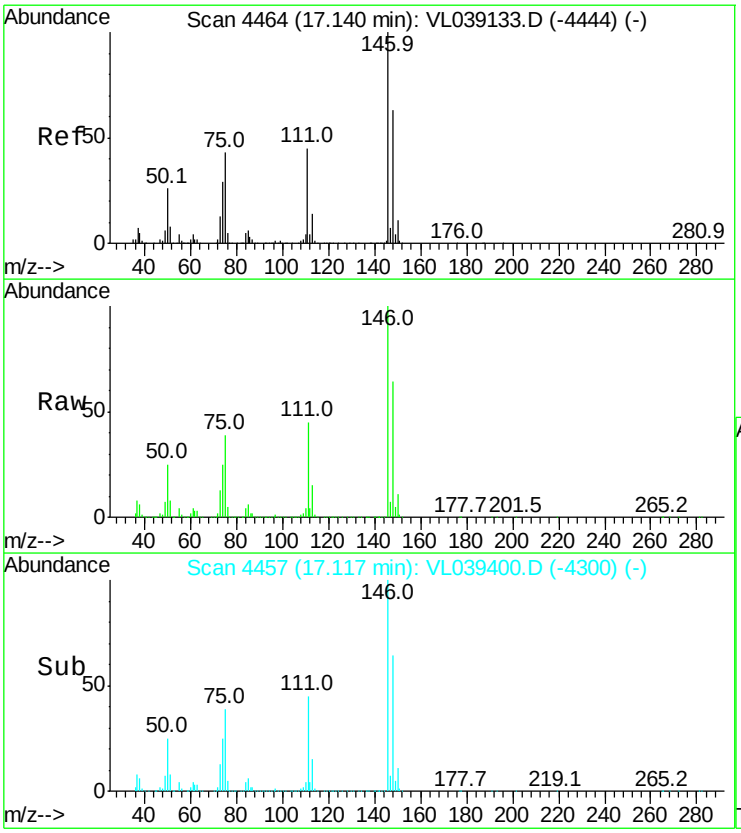
#75
1,3-Dichlorobenzene
Concen: 14.39 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3827720

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.9	68.7
148	64.6	32.1	96.5

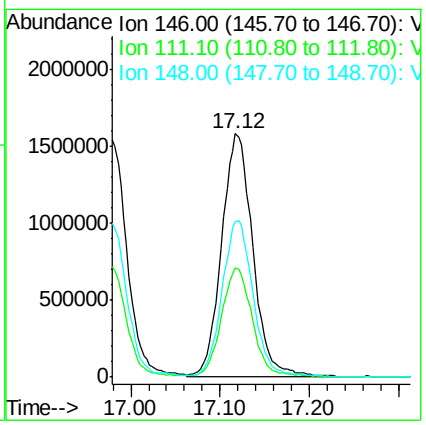


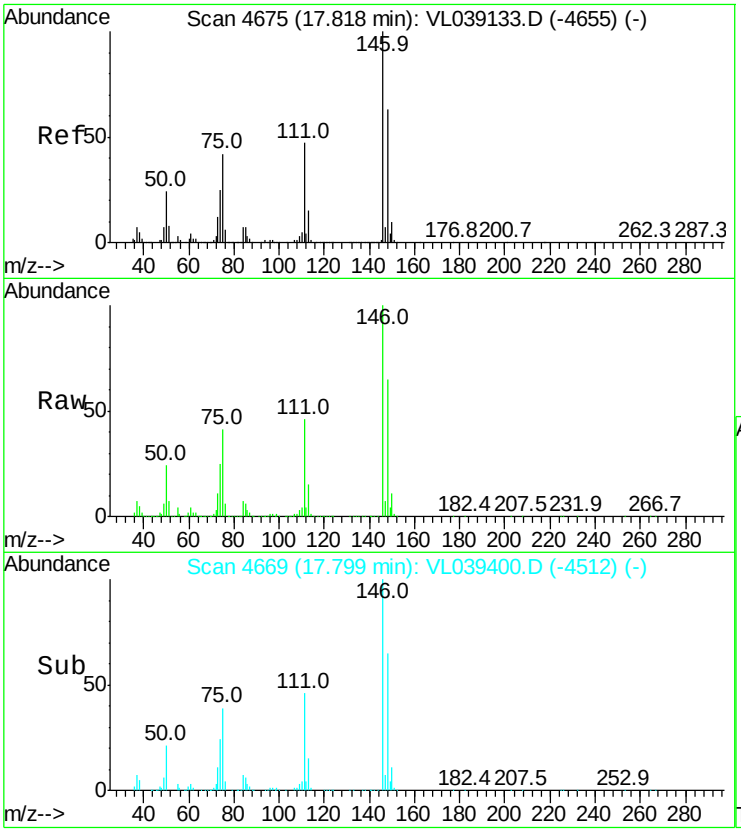


#76
1,4-Dichlorobenzene
Concen: 14.37 ppbv
RT: 17.12 min Scan# 4457
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:146 Resp: 3814033

Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.9	68.8
148	64.6	33.6	100.8



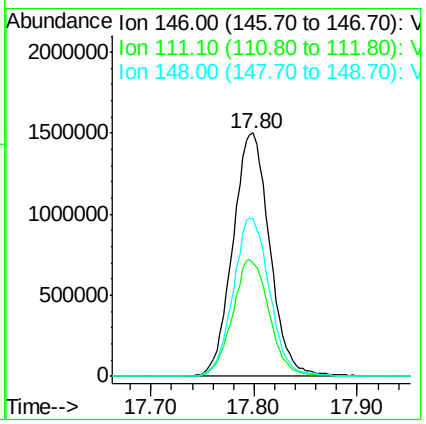


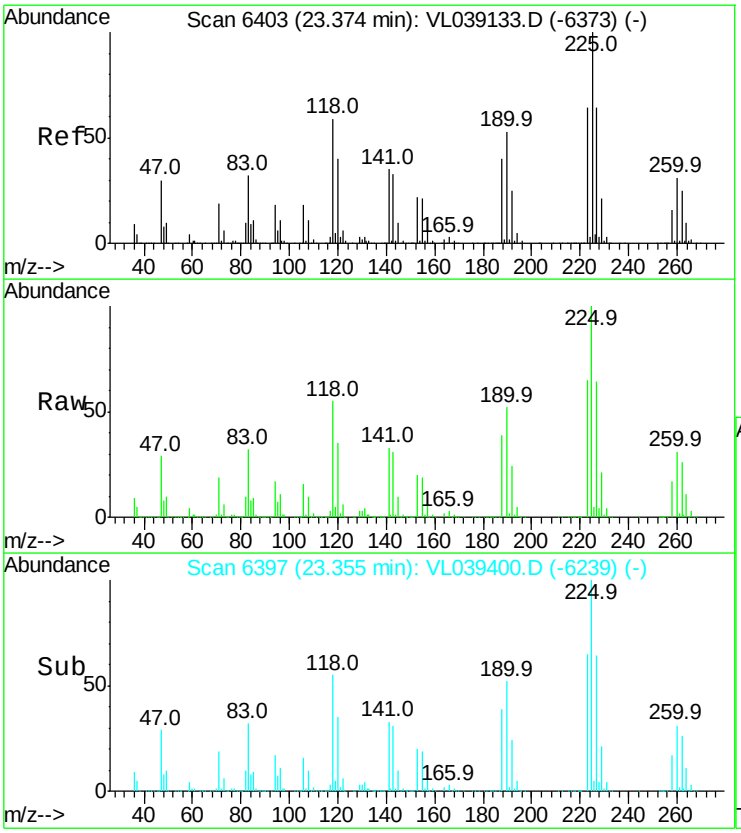
#77
1,2-Dichlorobenzene
Concen: 13.90 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3726362

Ion	Ratio	Lower	Upper
146	100		
111	48.2	23.8	71.5
148	64.5	32.3	96.8

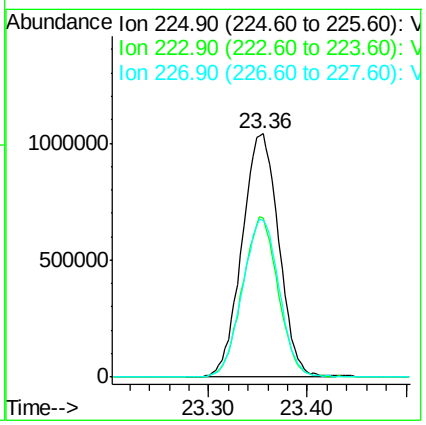


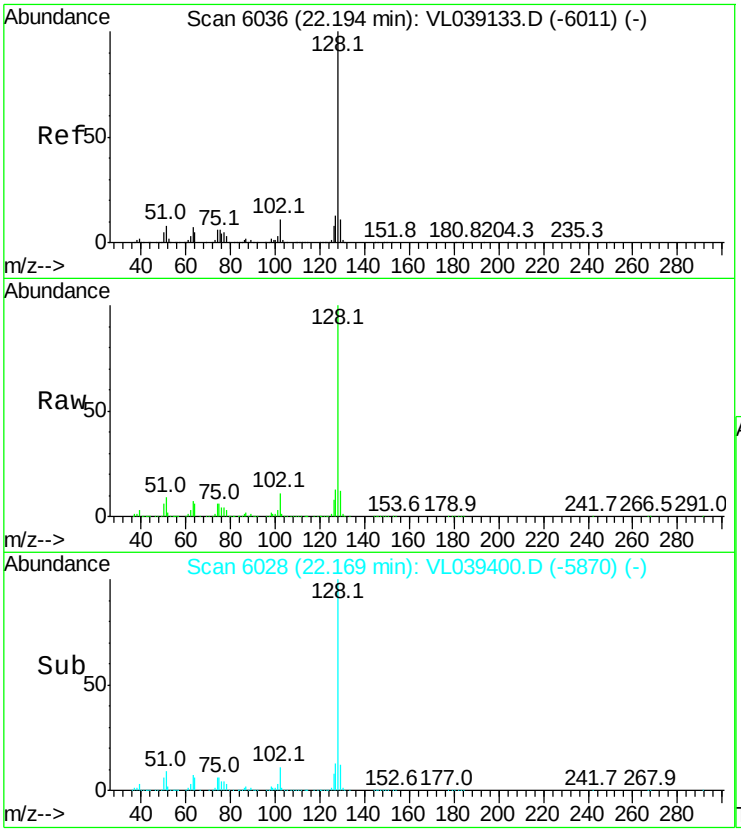


#78
Hexachloro-1,3-Butadiene
Concen: 10.95 ppbv
RT: 23.36 min Scan# 6397
Delta R.T. 0.01 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:225 Resp: 2683975

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.8	77.6
227	65.0	51.4	77.2



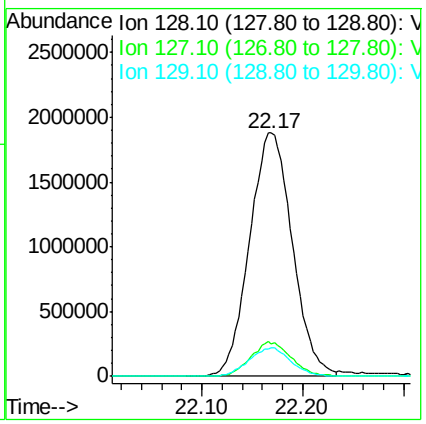


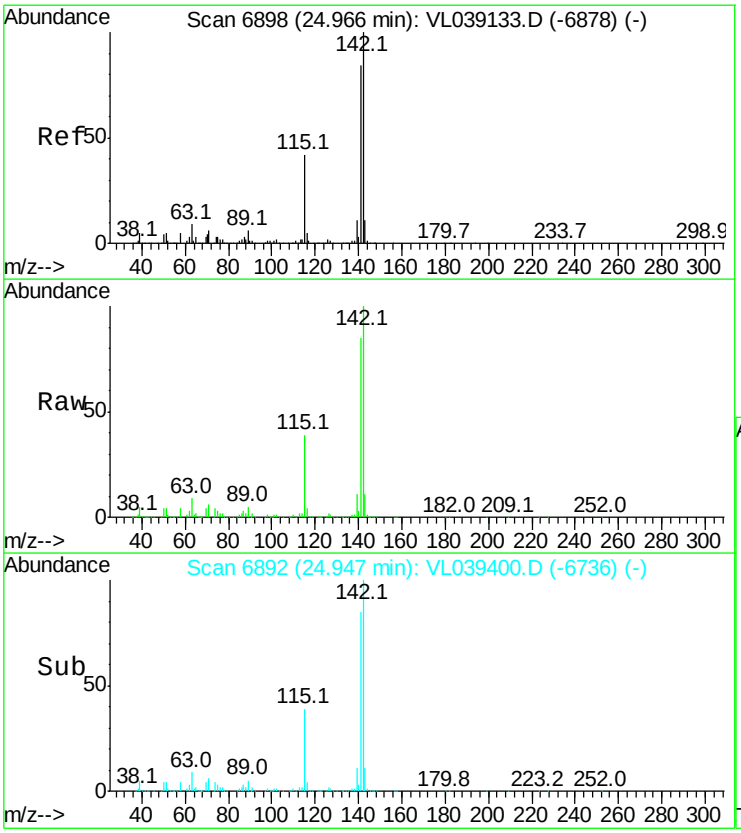
#79
Naphthalene
Concen: 15.29 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 5533602

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.8	8.8	13.2

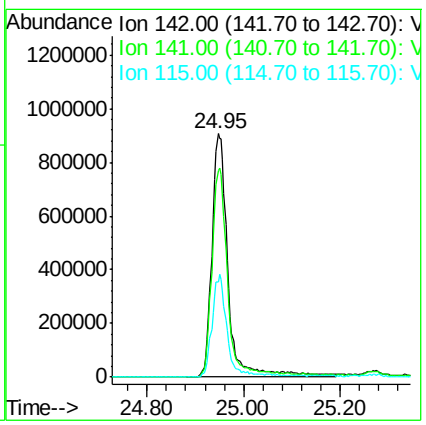


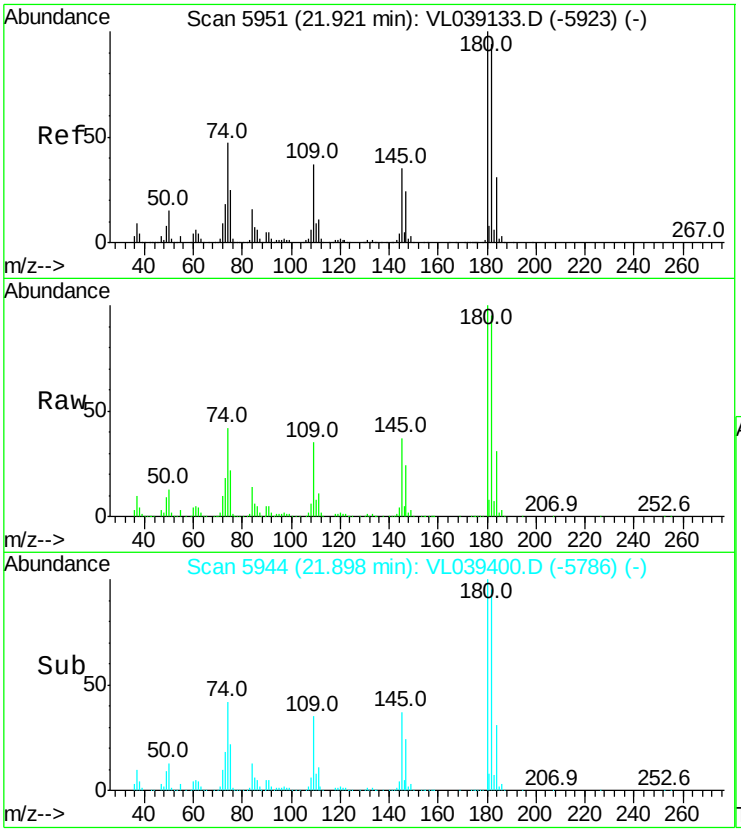


#80
Naphthalene,2-methyl-
Concen: 15.74 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. 0.00 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:142 Resp: 2116676

Ion	Ratio	Lower	Upper
142	100		
141	82.2	68.9	103.3
115	39.8	30.0	45.0





#81
1,2,4-Trichlorobenzene
Concen: 13.59 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 3116399

Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.1	115.7
184	30.8	24.3	36.5