Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038816.D
Acq On : 5 Apr 2022 18:26
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Apr 05 19:45:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 05 17:22:42 2022
QLast Update : Tue Apr 05 17:22:42 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1389087	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3919250	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3476225	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2644147	9.92	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	26770	0.14	ppbv		95
3) Chlorodifluoromethane	2.99	51	23129	0.16	ppbv		99
4) Chloromethane	3.14	50	7791	0.10	ppbv	#	70
5) Vinyl Chloride	3.26	62	4679	0.06	ppbv	#	63
7) Chloroethane	3.56	64	1529	0.06	ppbv	#	53
8) Dichlorotetrafluoroethane	3.19	85	11942	0.06	ppbv	#	32
9) Propene	3.01	41	5676	0.08	ppbv	#	1
10) Heptane	8.11	43	14462	0.09	ppbv	#	26
11) Trichlorofluoromethane	3.95	101	15872	0.10	ppbv	#	79
12) 1,1,2-Trichlorotrifluoroet	4.49	101	7160	0.06	ppbv	#	12
13) Ethanol	3.60	45	650	0.08	ppbv	#	100
14) Bromoethene	3.74	108	5431	0.10	ppbv	#	82
16) 1,3-Butadiene	3.32	39	8843	0.13	ppbv		98
18) 1,1-Dichloroethene	4.28	96	2817	0.05	ppbv	#	38
20) Methylene Chloride	4.34	84	5934	0.12	ppbv	#	87
21) Allyl Chloride	4.41	41	9320	0.11	ppbv	#	48
22) trans-1,2-Dichloroethene	4.89	96	3235	0.05	ppbv	#	52
24) 1,1-Dichloroethane	5.01	63	6476	0.06	ppbv	#	89
25) Ethyl Acetate	5.68	43	15422	0.05	ppbv	#	74
26) Hexane	5.68	57	15232	0.11	ppbv	#	70
27) Carbon Disulfide	4.55	76	11940	0.09	ppbv	#	46
29) Chloroform	5.75	83	17744	0.08	ppbv		94
30) Cyclohexane	7.12	84	3797	0.03	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	8001	0.06	ppbv		85
32) 1,1,1-Trichloroethane	6.51	97	11354	0.05	ppbv	#	1
35) Carbon Tetrachloride	7.01	117	21999	0.10	ppbv	#	80
36) Benzene	6.88	78	29920	0.10	ppbv		95
37) 1,2-Dichloroethane	6.30	62	12716	0.08	ppbv	#	88
38) Trichloroethene	7.83	130	4779	0.04	ppbv	#	19
39) 1,2-Dichloropropane	7.17	63	936021	7.92	ppbv	#	27
42) Bromodichloromethane	7.78	83	16469	0.07	ppbv	#	54
43) Methyl Methacrylate	8.01	69	3784	0.03	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.87	57	66488	0.13	ppbv	#	87
45) t-1,3-Dichloropropene	9.27	75	9756	0.09	ppbv		97
47) 1,1,2-Trichloroethane	9.46	97	8085	0.06	ppbv		93
48) Dibromochloromethane	10.29	129	11799	0.06	ppbv	#	11
53) Toluene	9.80	91	12915	0.04	ppbv	#	1
54) 1,2-Dibromoethane	10.60	107	8771	0.05	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.11	131	6464	0.04	ppbv	#	1
57) Chlorobenzene	12.13	112	21144	0.08	ppbv	#	83
59) m/p-Xylene	12.98	91	13436	0.04	ppbv	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038816.D
Acq On : 5 Apr 2022 18:26
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Apr 05 19:45:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 05 17:22:42 2022
QLast Update : Tue Apr 05 17:22:42 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) o-Xylene	13.68	91	26350	0.08	ppbv	#	32
61) Styrene	13.52	104	9398	0.05	ppbv	#	1
62) Isopropylbenzene	14.66	105	41147	0.08	ppbv	#	64
63) 1,1,2,2-Tetrachloroethane	13.67	83	17308	0.07	ppbv	#	25
64) n-propylbenzene	15.55	120	11029	0.08	ppbv	#	1
65) tert-Butylbenzene	16.73	119	37633	0.08	ppbv	#	22
66) Benzyl Chloride	16.98	91	2759	0.03	ppbv	#	57
67) sec-Butylbenzene	17.28	105	77365	0.12	ppbv		92
69) p-Isopropyltoluene	17.64	119	61766	0.12	ppbv	#	90
71) 2-Chlorotoluene	15.44	91	20314	0.05	ppbv	#	42
72) 4-Ethyltoluene	15.82	105	31097	0.08	ppbv	#	60
73) 1,3,5-Trimethylbenzene	15.99	105	10977	0.03	ppbv	#	29
74) 1,2,4-Trimethylbenzene	16.75	105	28481	0.07	ppbv	#	87
75) 1,3-Dichlorobenzene	16.99	146	10678	0.04	ppbv	#	1
77) 1,2-Dichlorobenzene	17.81	146	15535	0.06	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.36	225	15525	0.07	ppbv	#	23

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
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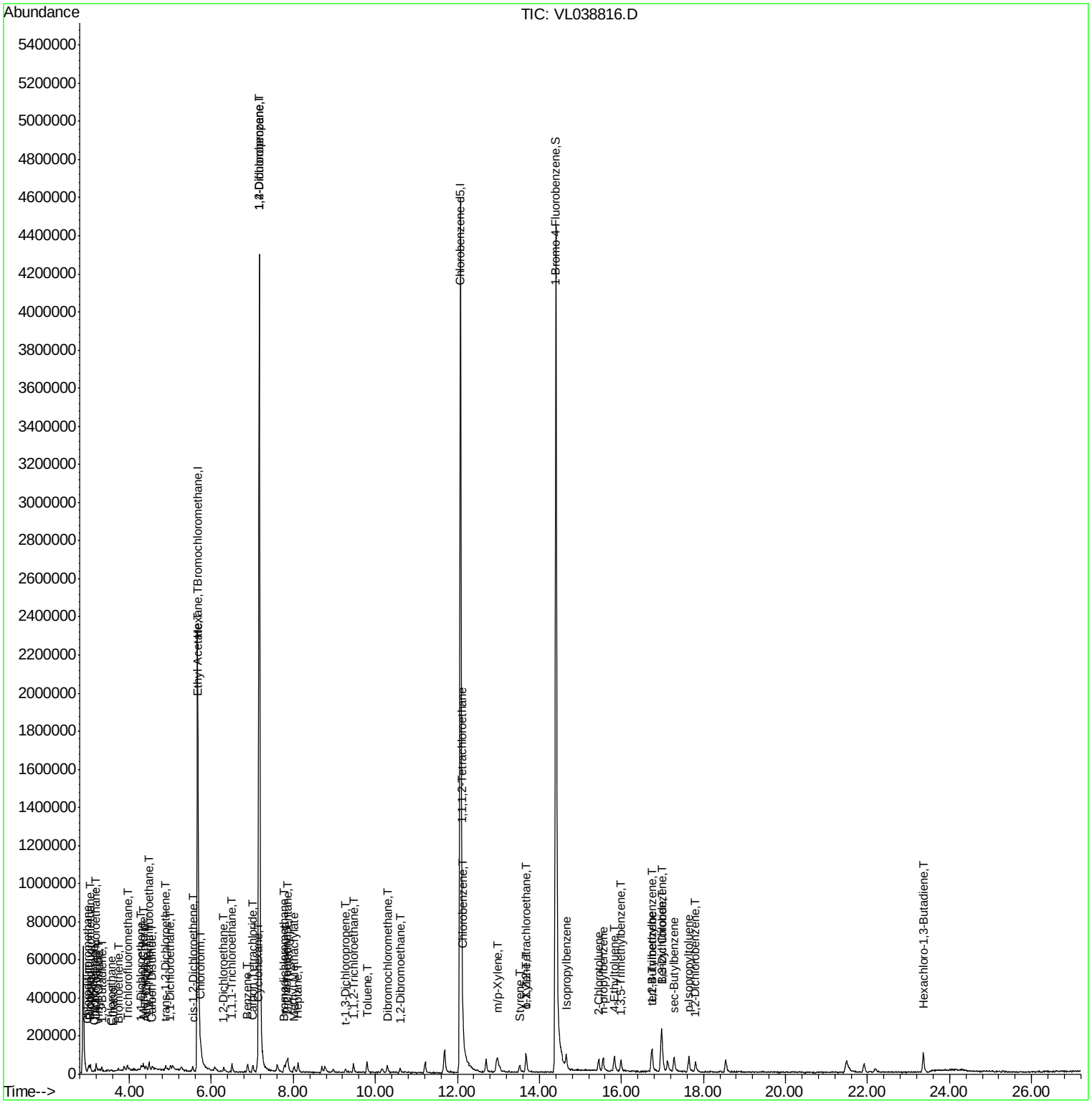
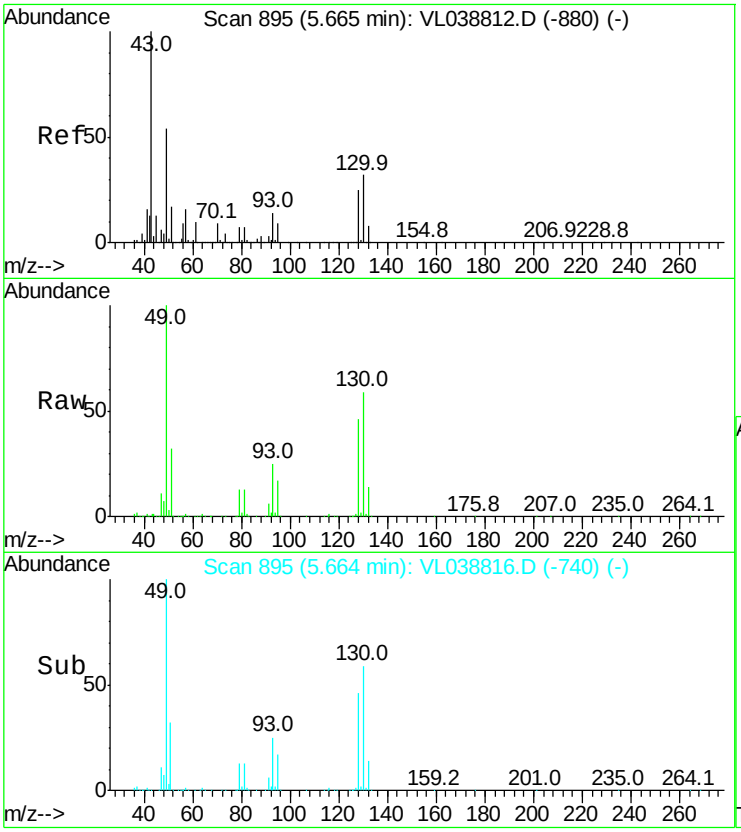
Acq On : 5 Apr 2022 18:26
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Apr 05 19:45:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 05 17:22:42 2022
QLast Update : Tue Apr 05 17:22:42 2022
Response via : Initial Calibration



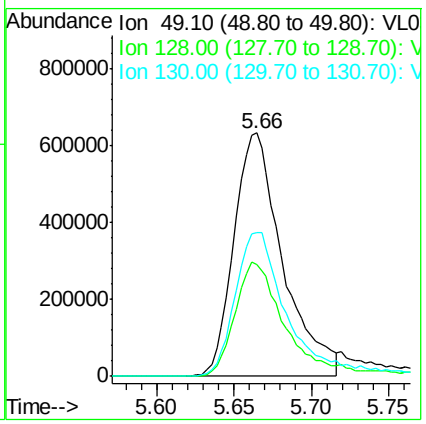


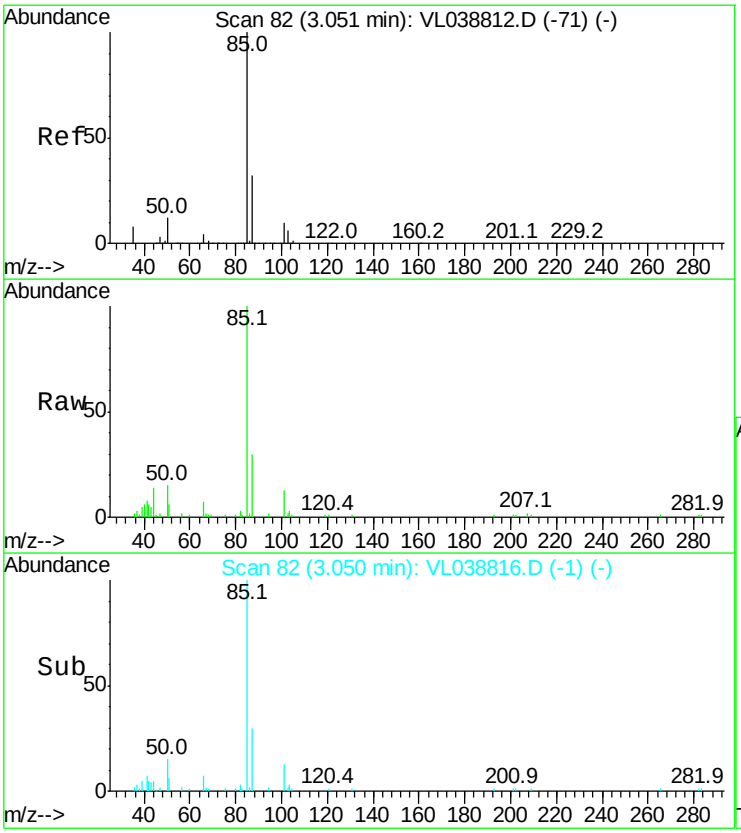
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1389087

Ion	Ratio	Lower	Upper
49	100		
128	51.8	24.1	72.3
130	67.1	30.9	92.8

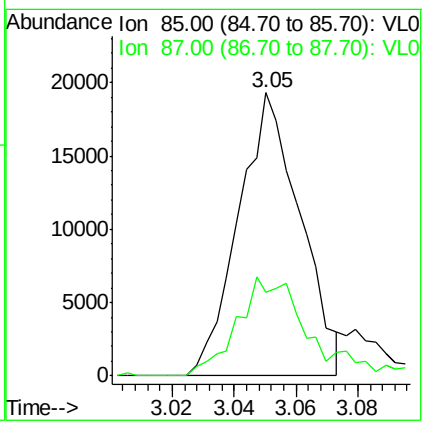


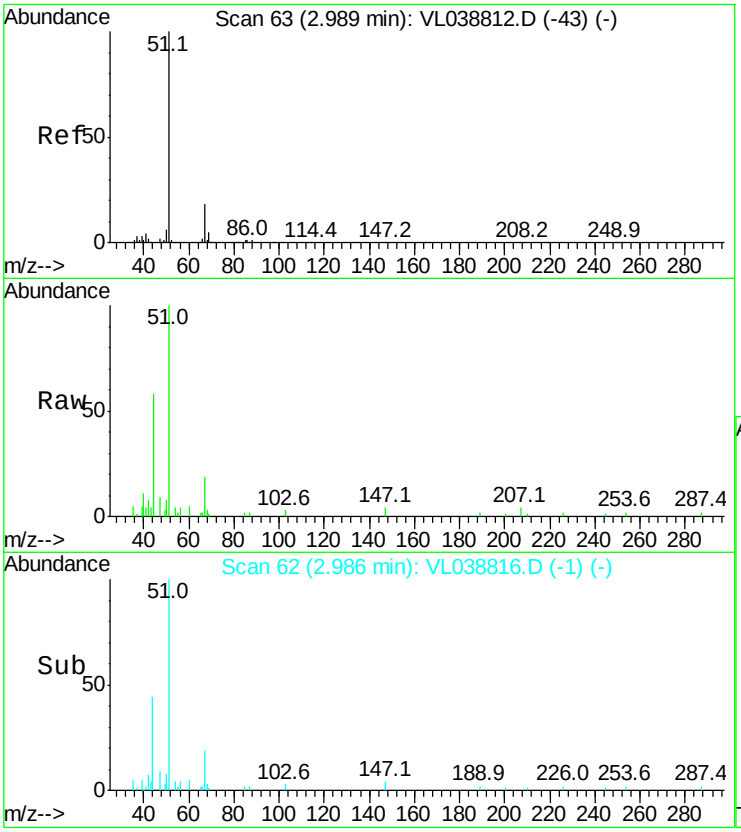


#2
Dichlorodifluoromethane
Concen: 0.14 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 85 Resp: 26770

Ion	Ratio	Lower	Upper
85	100		
87	29.8	25.9	38.9



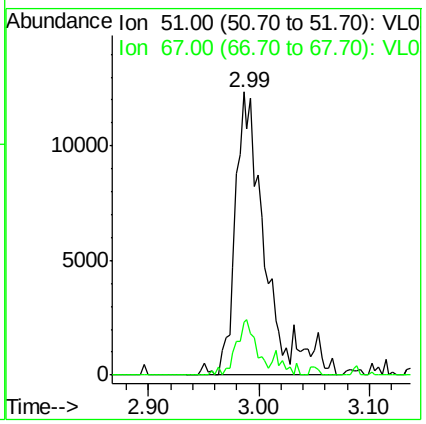


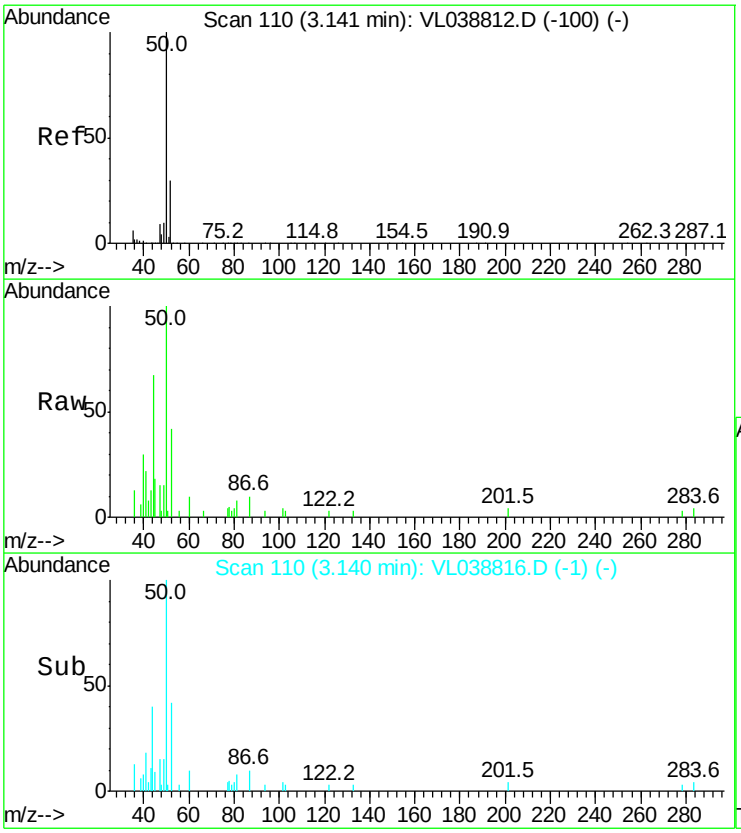
#3
Chlorodifluoromethane
Concen: 0.16 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 23129

Ion	Ratio	Lower	Upper
51	100		
67	16.3	13.4	20.0

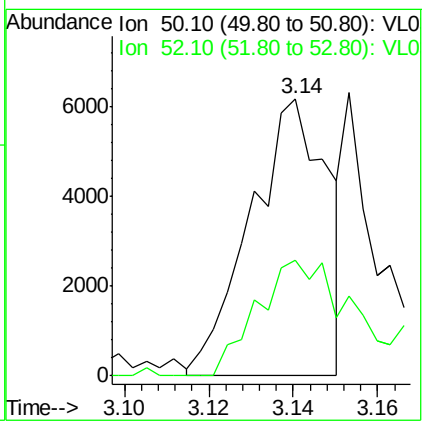


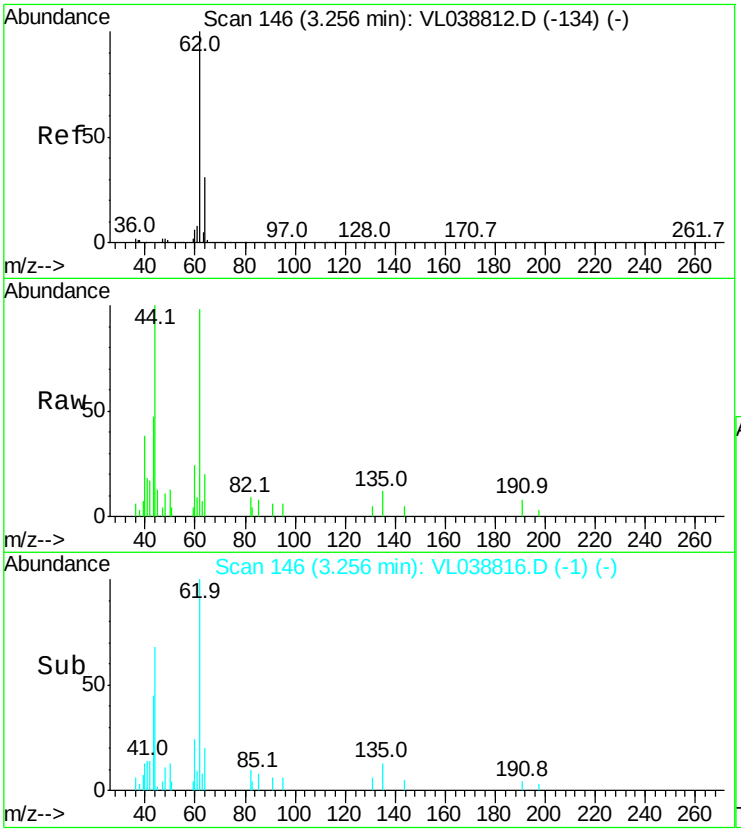


#4
Chloromethane
Concen: 0.10 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 50 Resp: 7791

Ion	Ratio	Lower	Upper
50	100		
52	47.0	24.3	36.5#



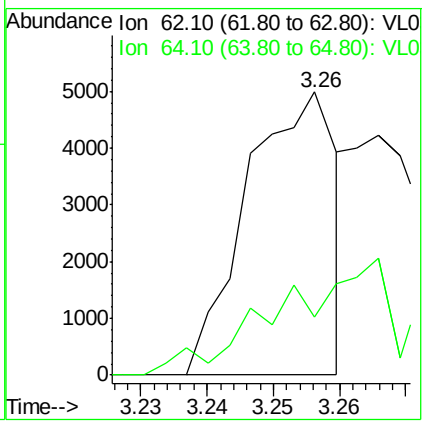


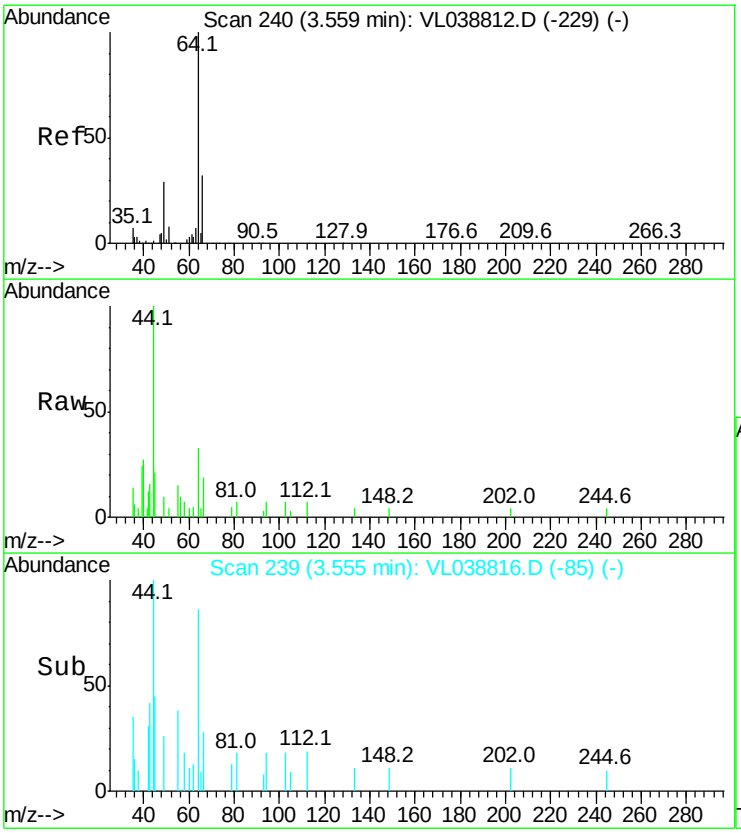
#5
Vinyl Chloride
Concen: 0.06 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 4679

Ion	Ratio	Lower	Upper
62	100		
64	10.8	24.6	37.0#

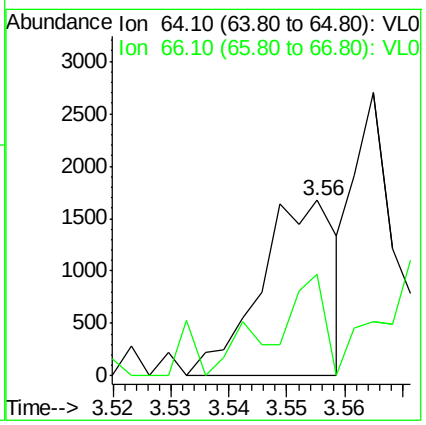


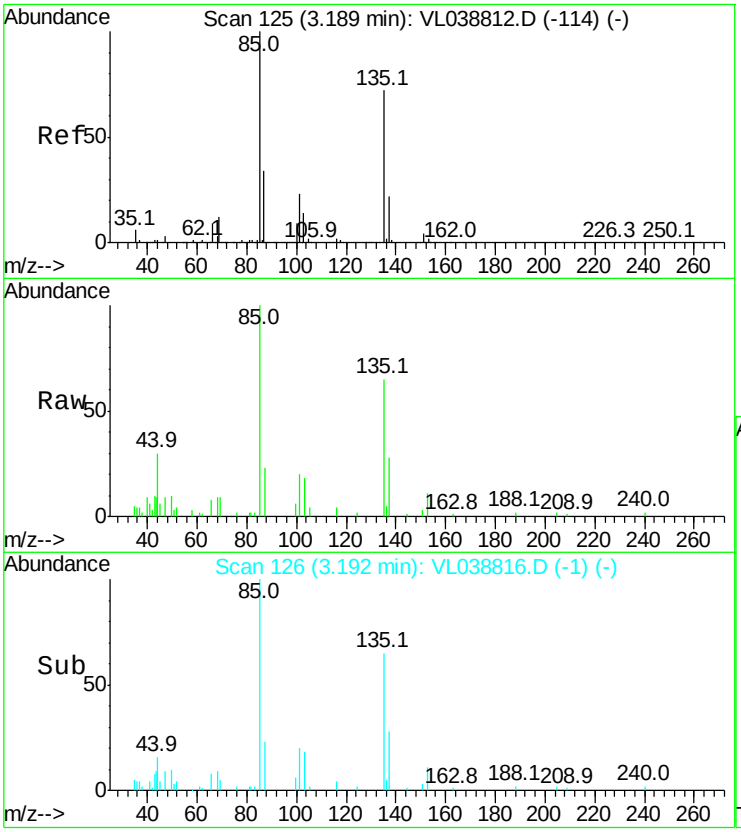


#7
Chloroethane
Concen: 0.06 ppbv
RT: 3.56 min Scan# 239
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 64 Resp: 1529

Ion	Ratio	Lower	Upper
64	100		
66	58.0	25.4	38.2#



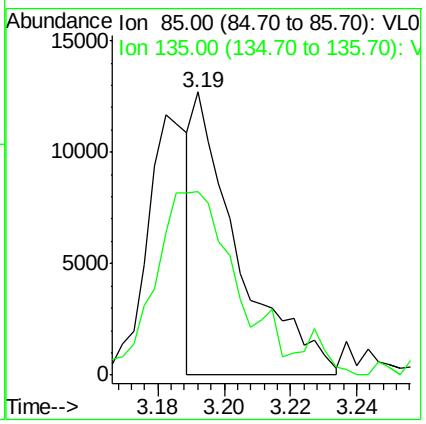


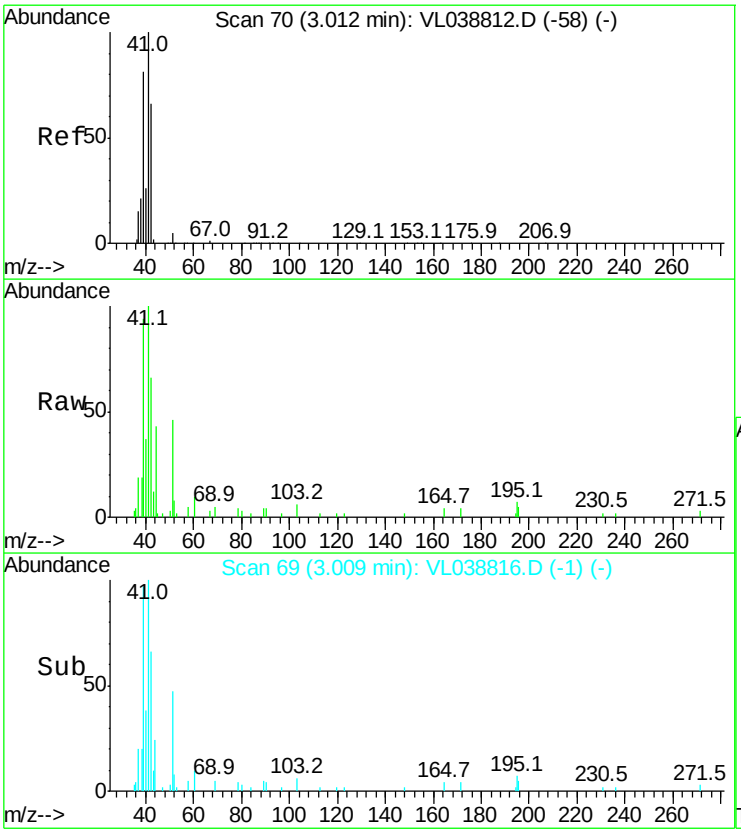
#8
Dichlorotetrafluoroethane
Concen: 0.06 ppbv
RT: 3.19
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 85 Resp: 11942

Ion	Ratio	Lower	Upper
85	100		
135	127.7	57.0	85.6#

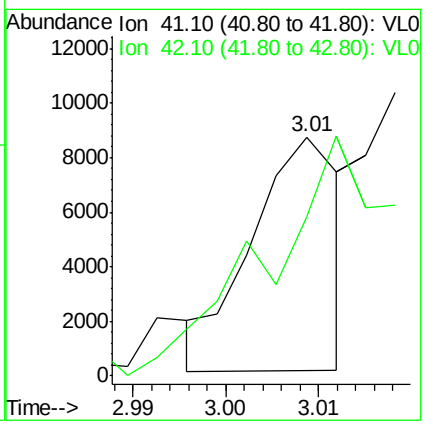


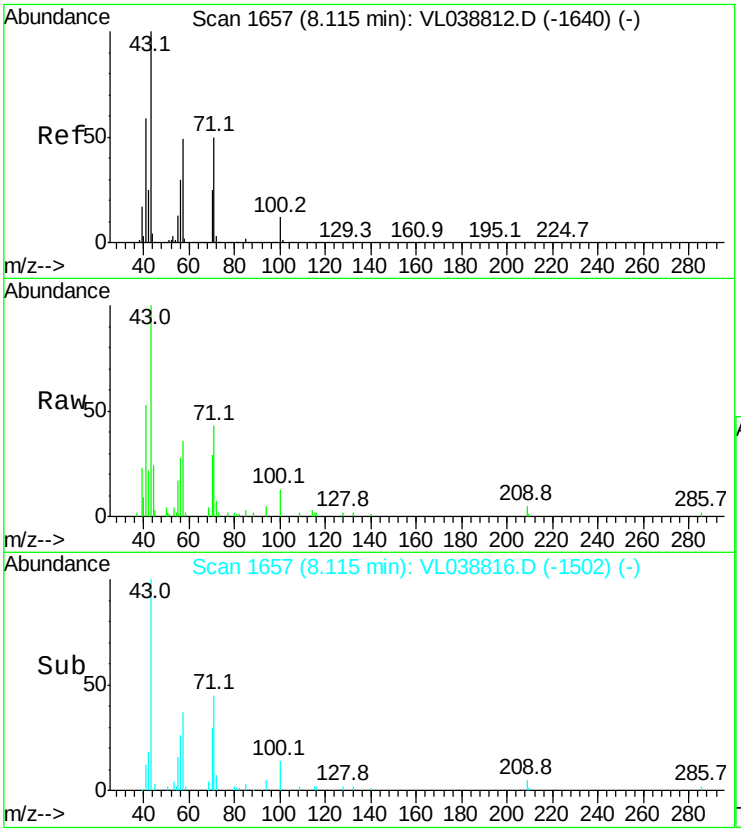


#9
Propene
Concen: 0.08 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 41 Resp: 5676

Ion	Ratio	Lower	Upper
41	100		
42	256.1	54.2	81.4#



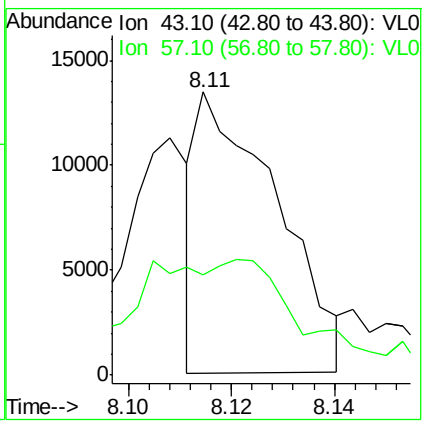


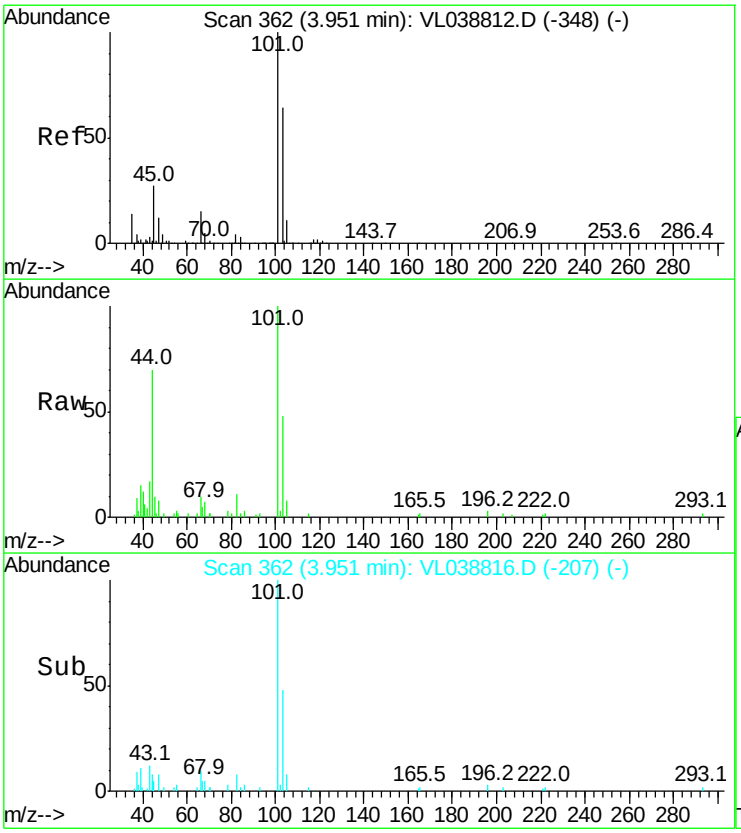
#10
Heptane
Concen: 0.09 ppbv
RT: 8.11
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 14462

Ion	Ratio	Lower	Upper
43	100		
57	99.6	39.3	58.9#

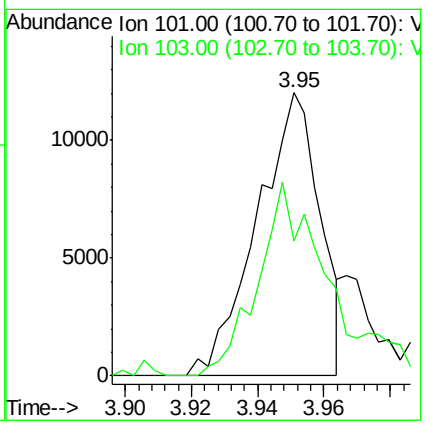


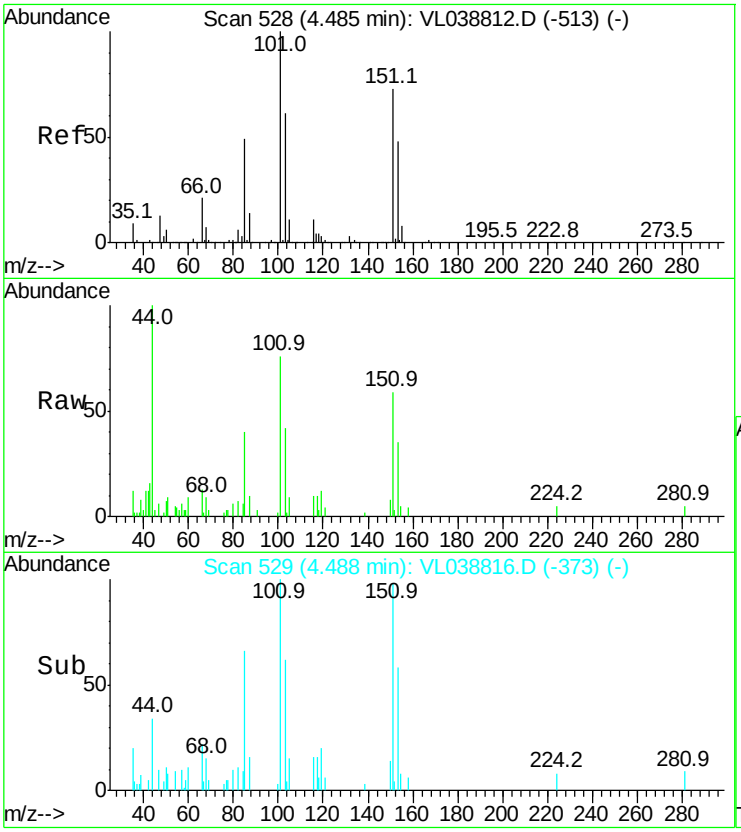


#11
Trichlorofluoromethane
Concen: 0.10 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:101 Resp: 15872

Ion	Ratio	Lower	Upper
101	100		
103	47.5	51.4	77.0#



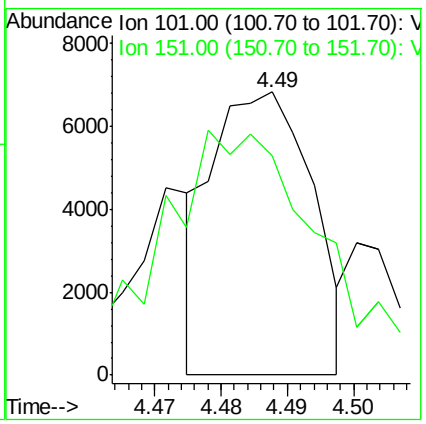


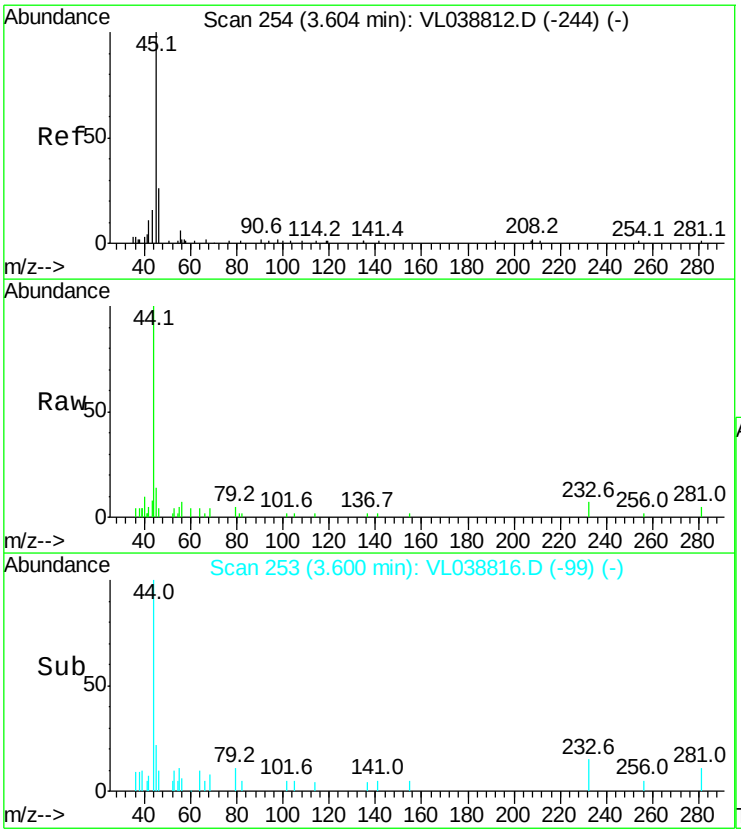
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.06 ppbv
RT: 4.49
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 7160

Ion	Ratio	Lower	Upper
101	100		
151	0.0	59.9	89.9#

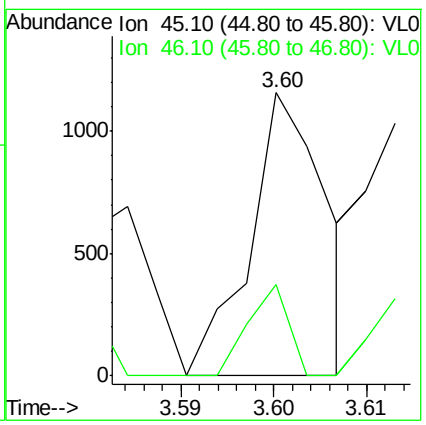


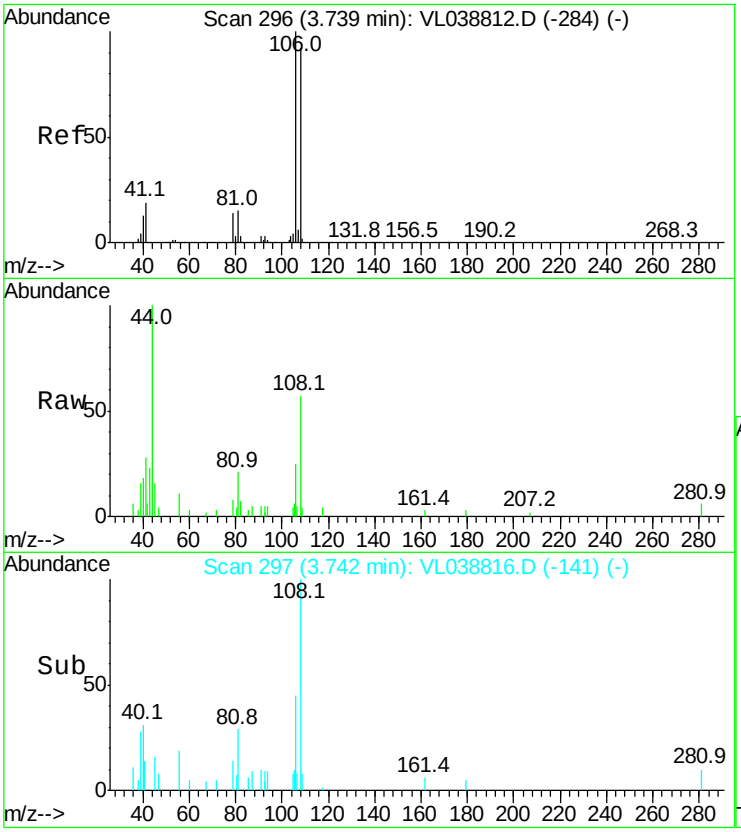


#13
Ethanol
Concen: 0.08 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 45 Resp: 650

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0



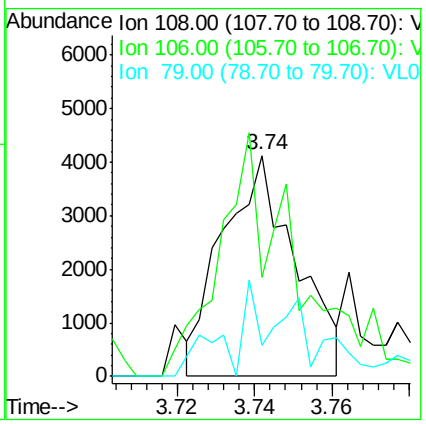


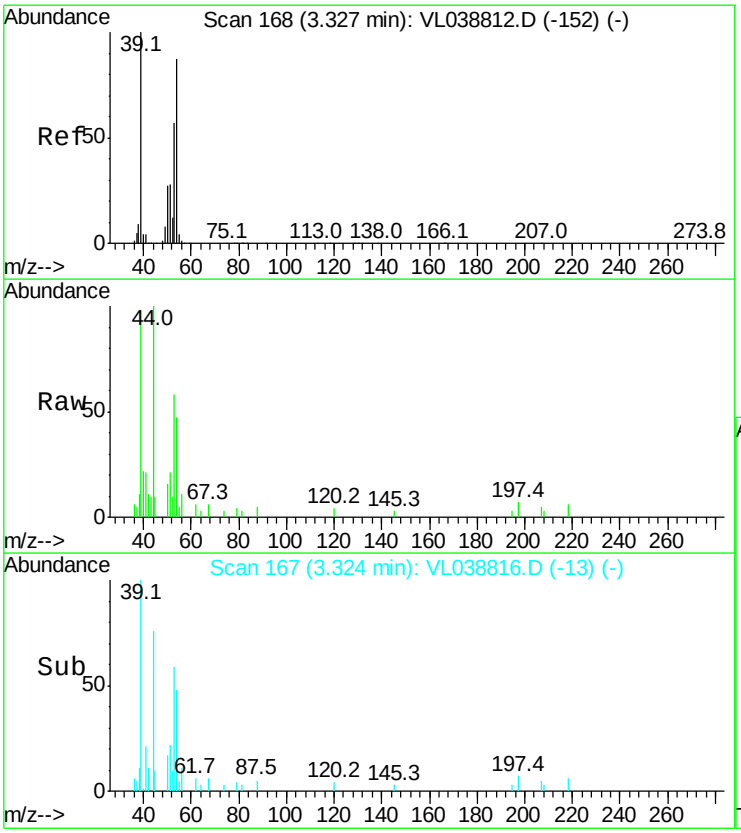
#14
Bromoethene
Concen: 0.10 ppbv
RT: 3.74
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:108 Resp: 5431

Ion	Ratio	Lower	Upper
108	100		
106	125.9	91.5	137.3
79	47.1	13.7	20.5#

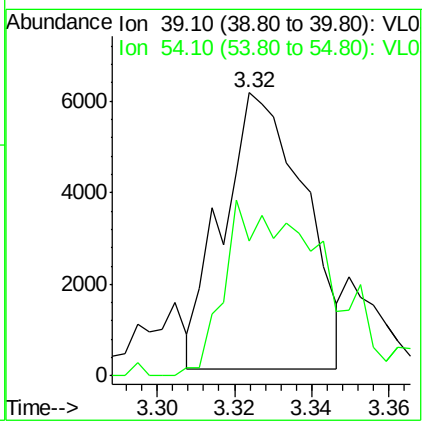


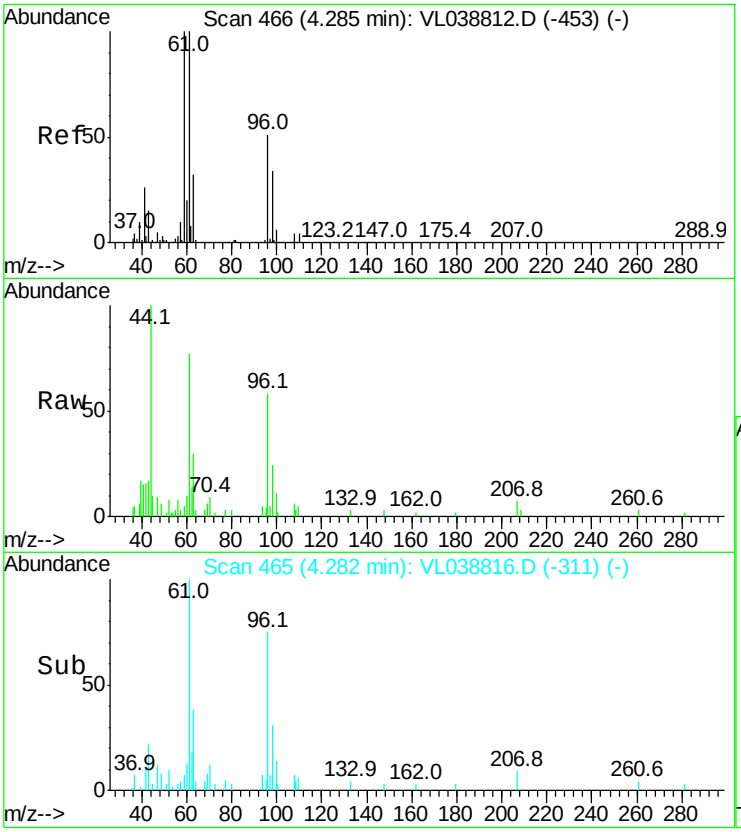


#16
1,3-Butadiene
Concen: 0.13 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 39 Resp: 8843

Ion	Ratio	Lower	Upper
39	100		
54	79.2	64.8	97.2



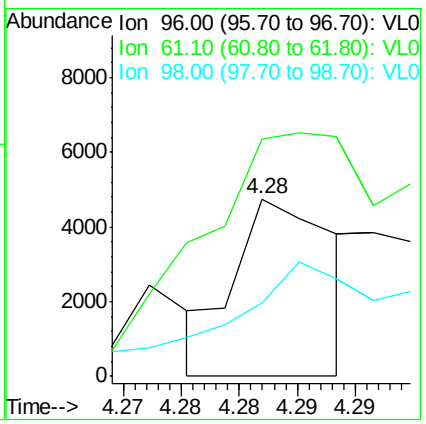


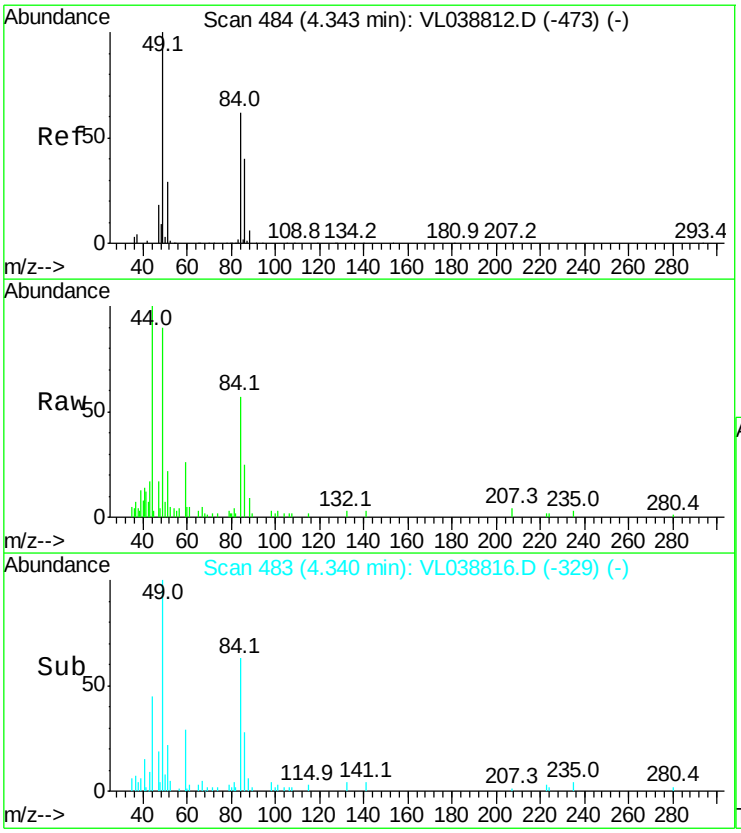
#18
1,1-Dichloroethene
Concen: 0.05 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 2817

Ion	Ratio	Lower	Upper
96	100		
61	92.7	156.1	234.1#
98	32.1	53.0	79.6#

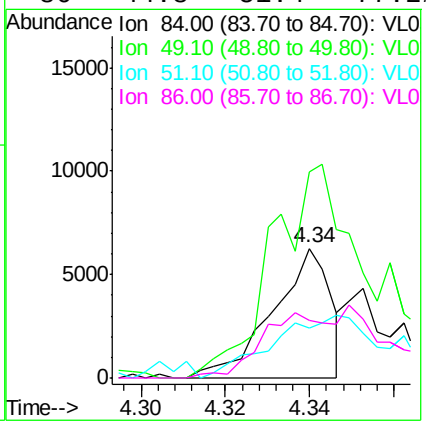


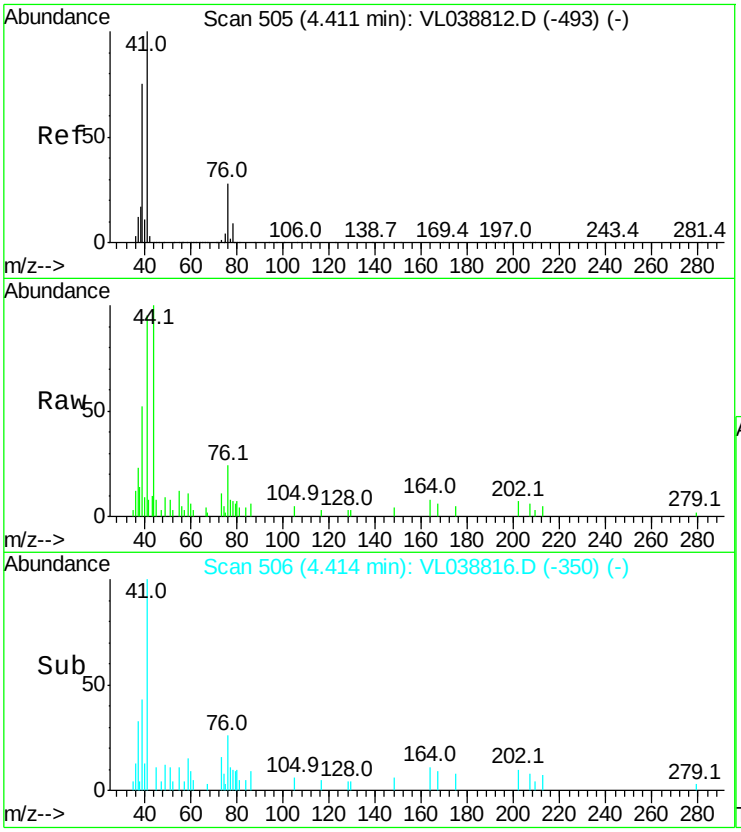


#20
Methylene Chloride
Concen: 0.12 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 84 Resp: 5934

Ion	Ratio	Lower	Upper
84	100		
49	158.7	129.4	194.0
51	25.8	37.4	56.2#
86	44.8	51.4	77.2#



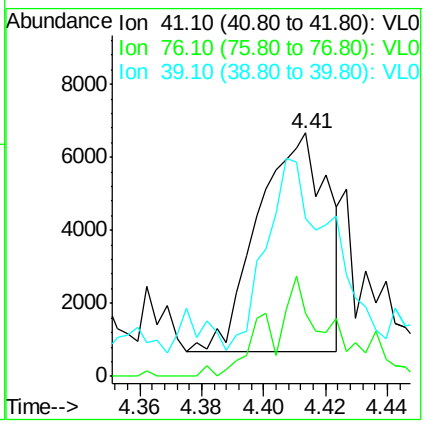


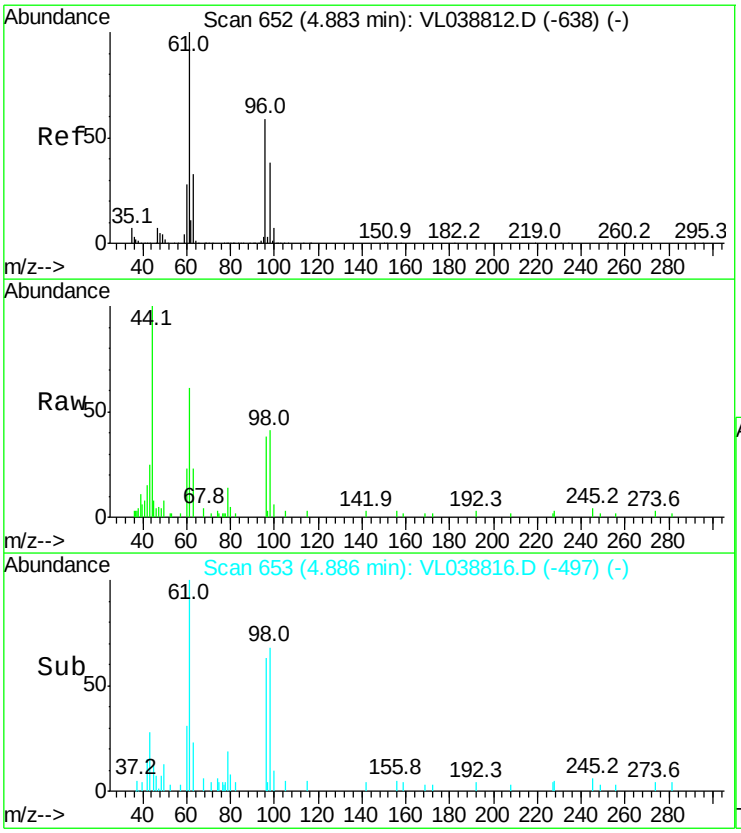
#21
Allyl Chloride
Concen: 0.11 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 9320

Ion	Ratio	Lower	Upper
41	100		
76	42.1	23.7	35.5#
39	131.6	62.0	93.0#

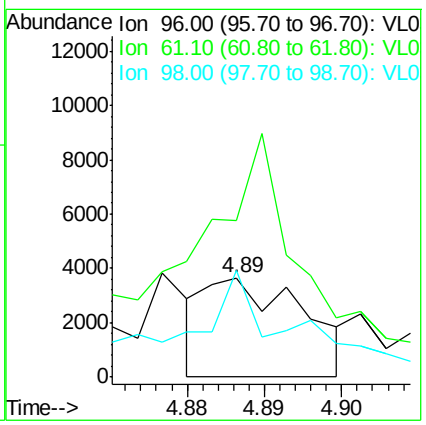


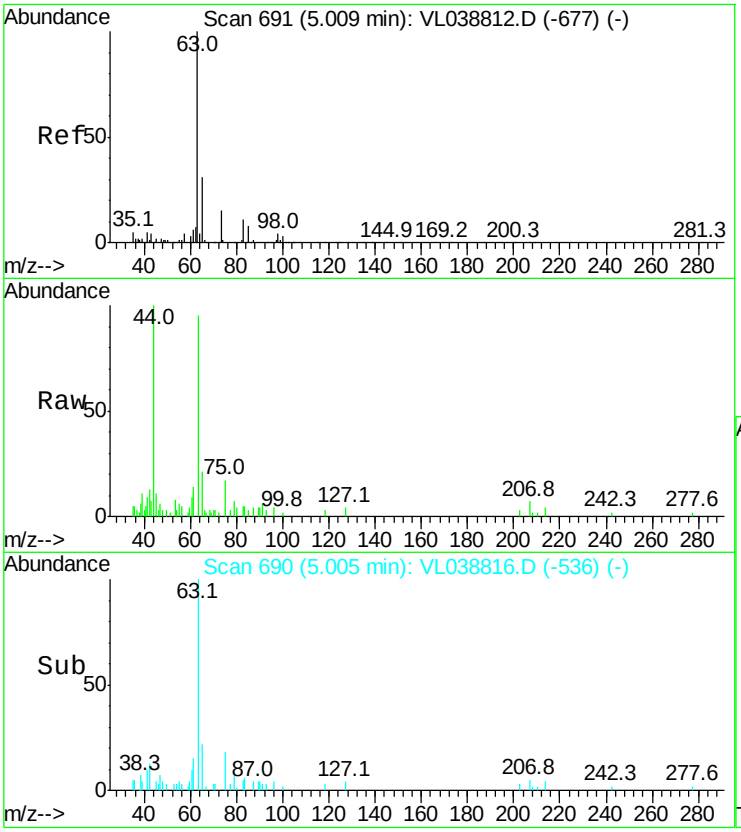


#22
trans-1,2-Dichloroethene
Concen: 0.05 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 96 Resp: 3235

Ion	Ratio	Lower	Upper
96	100		
61	201.7	134.8	202.2
98	150.7	51.9	77.9#



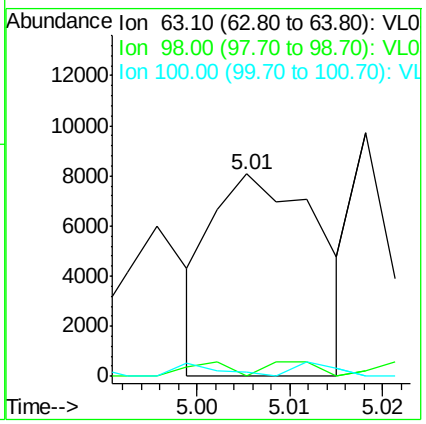


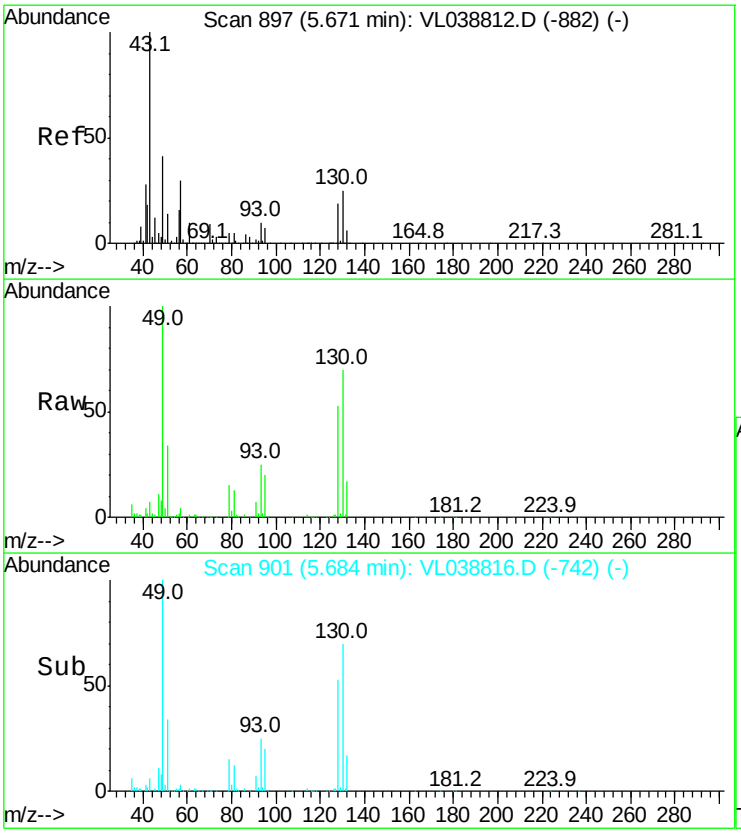
#24
1,1-Dichloroethane
Concen: 0.06 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 6476

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.4	4.0#

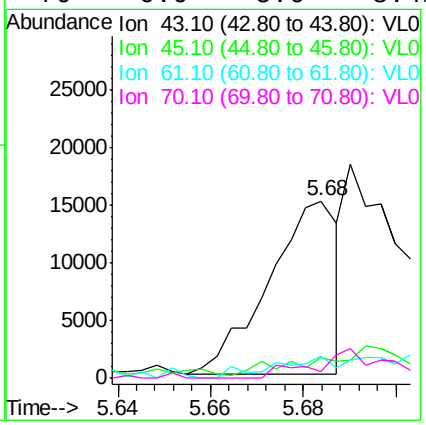


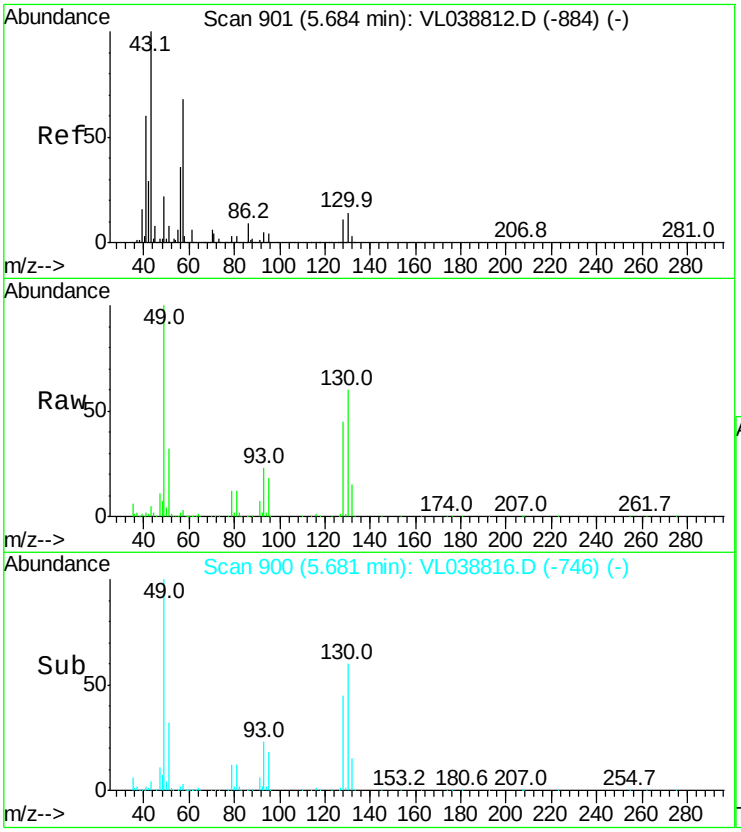


#25
Ethyl Acetate
Concen: 0.05 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 43 Resp: 15422

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



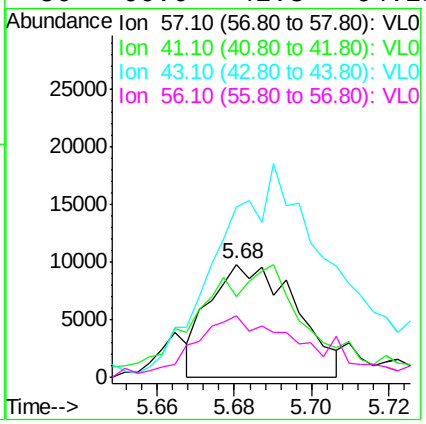


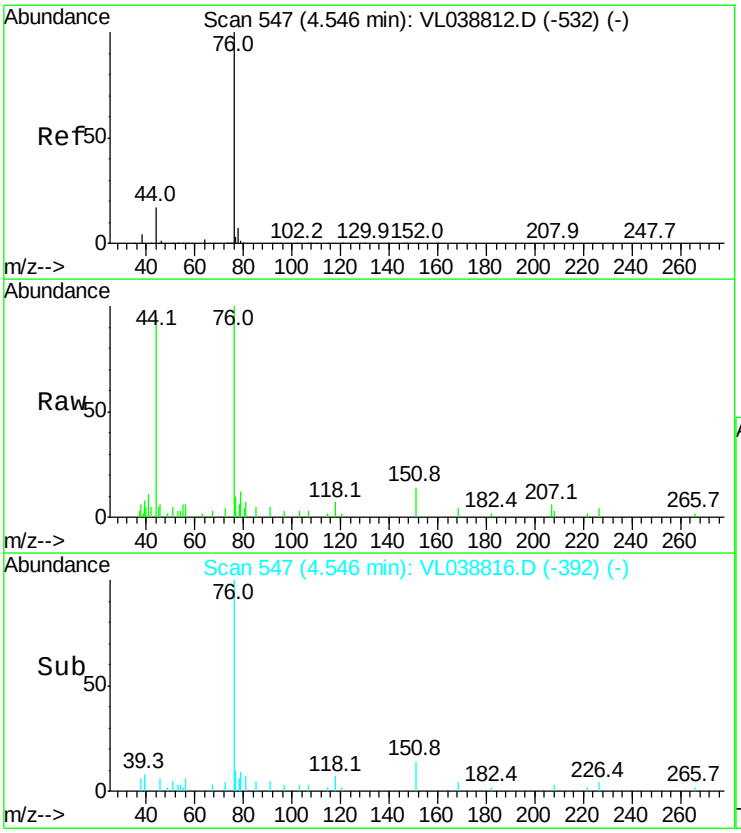
#26
Hexane
Concen: 0.11 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 15232

Ion	Ratio	Lower	Upper
57	100		
41	133.5	72.0	108.0#
43	278.3	186.6	280.0
56	66.6	42.8	64.2#

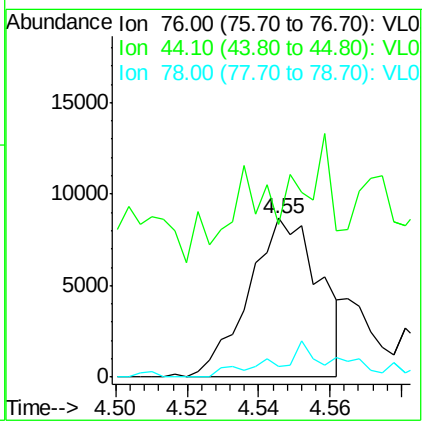


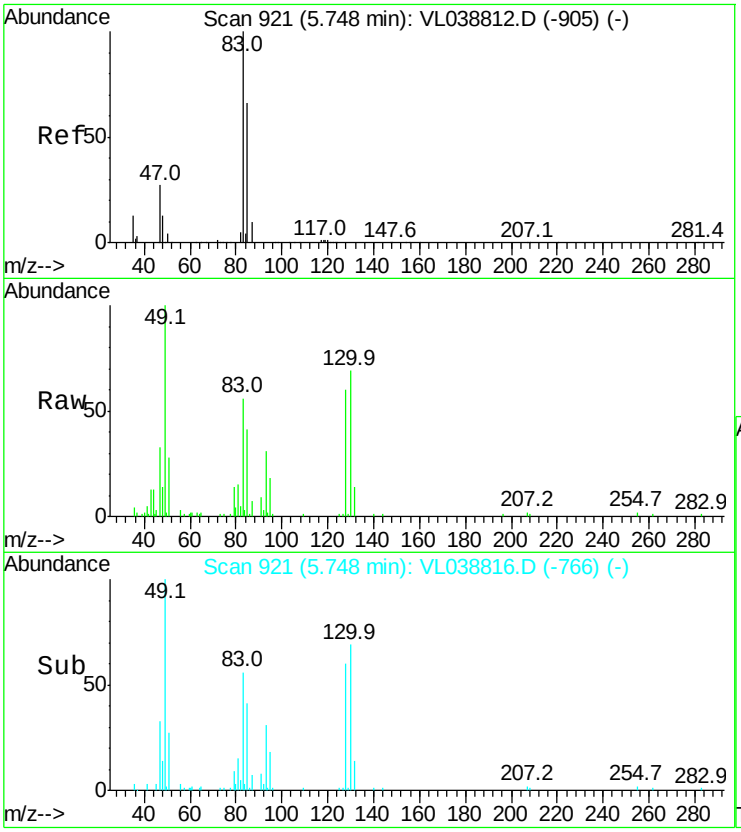


#27
Carbon Disulfide
Concen: 0.09 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 76 Resp: 11940

Ion	Ratio	Lower	Upper
76	100		
44	47.2	15.7	23.5#
78	24.5	7.8	11.8#



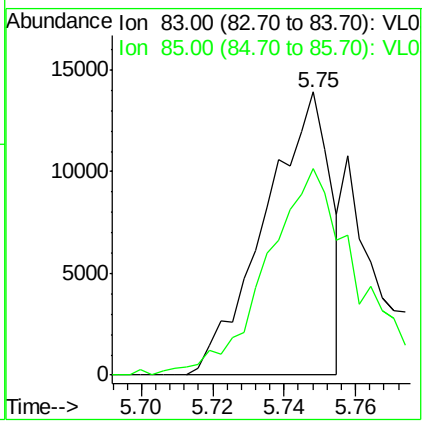


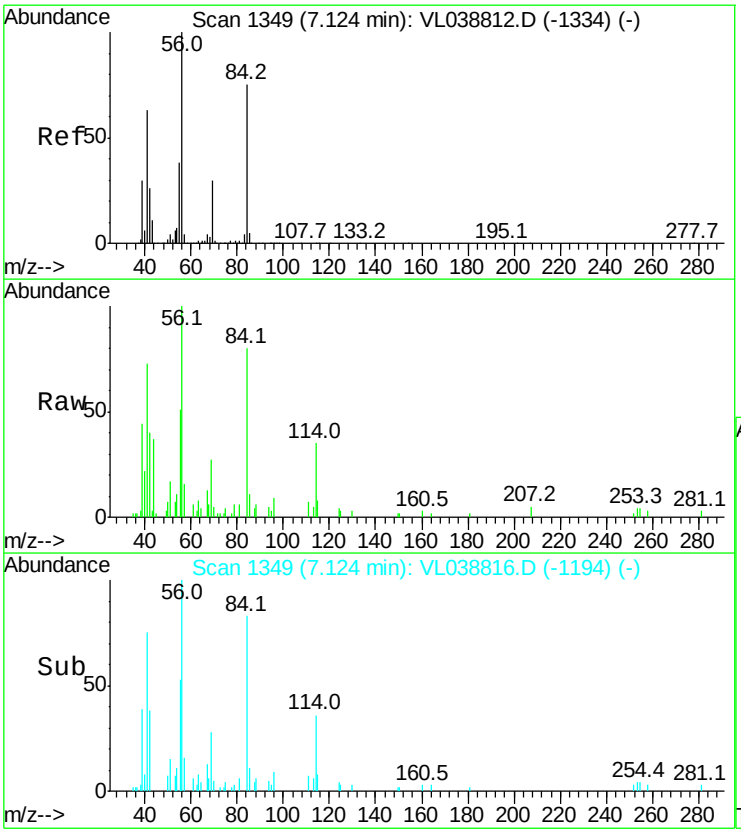
#29
Chloroform
Concen: 0.08 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 17744

Ion	Ratio	Lower	Upper
83	100		
85	70.4	52.5	78.7

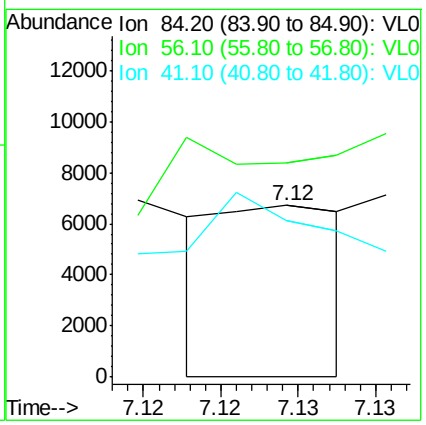


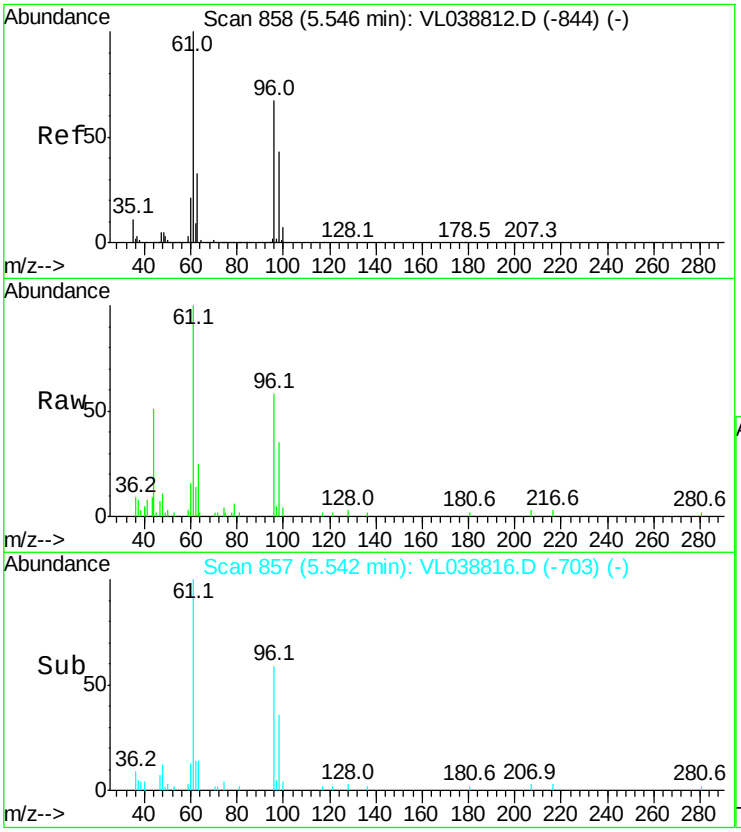


#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 84 Resp: 3797

Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.4	171.6#
41	457.2	69.0	103.4#



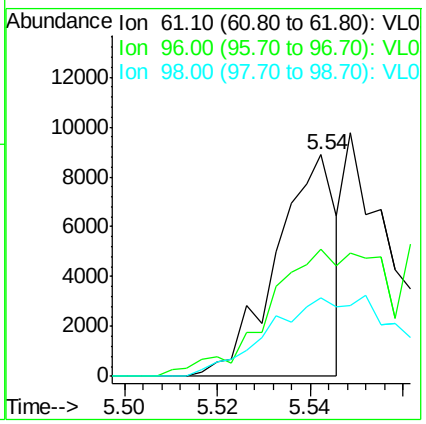


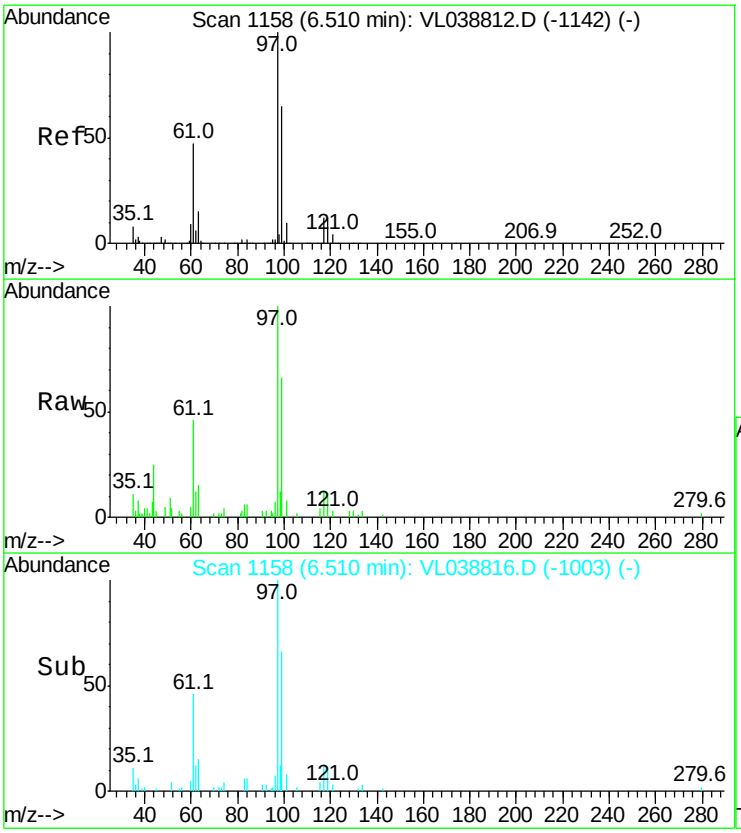
#31
cis-1,2-Dichloroethene
Concen: 0.06 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 8001

Ion	Ratio	Lower	Upper
61	100		
96	53.7	53.4	80.0
98	35.2	34.2	51.4

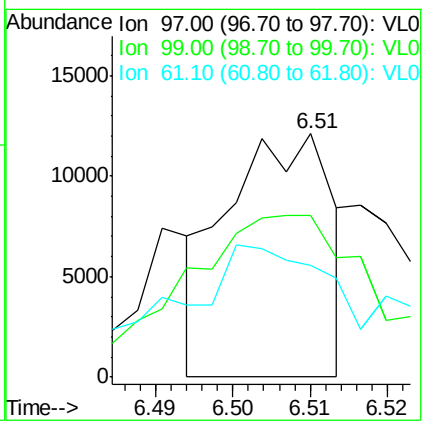


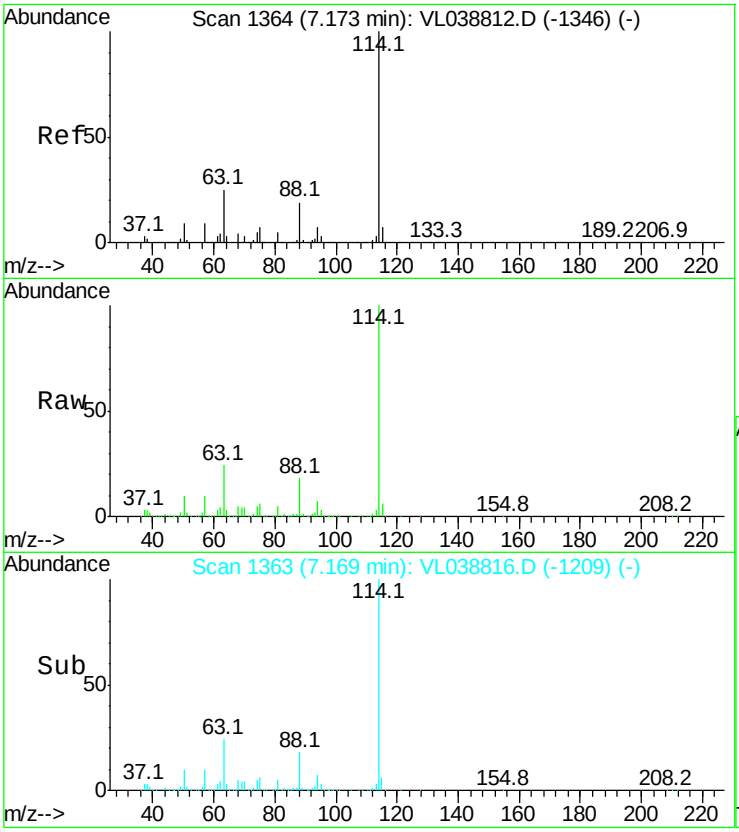


#32
1,1,1-Trichloroethane
Concen: 0.05 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 97 Resp: 11354

Ion	Ratio	Lower	Upper
97	100		
99	150.5	52.4	78.6#
61	119.1	38.6	57.8#



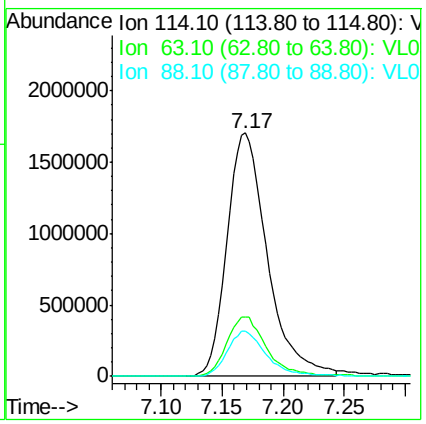


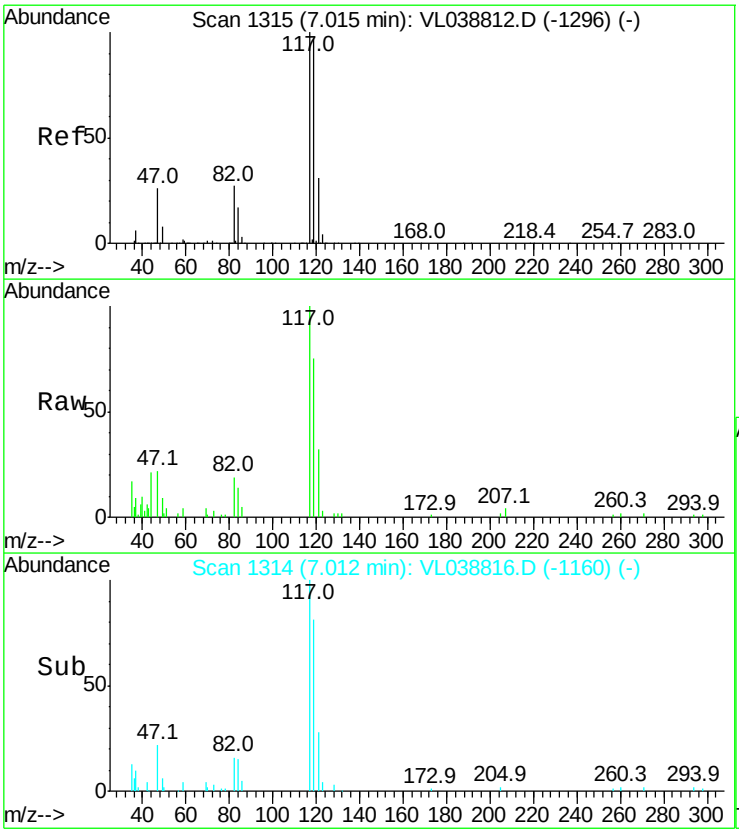
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 3919250

Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.8	29.8
88	18.2	14.2	21.4

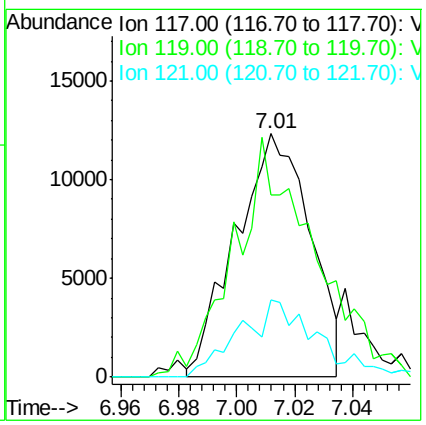


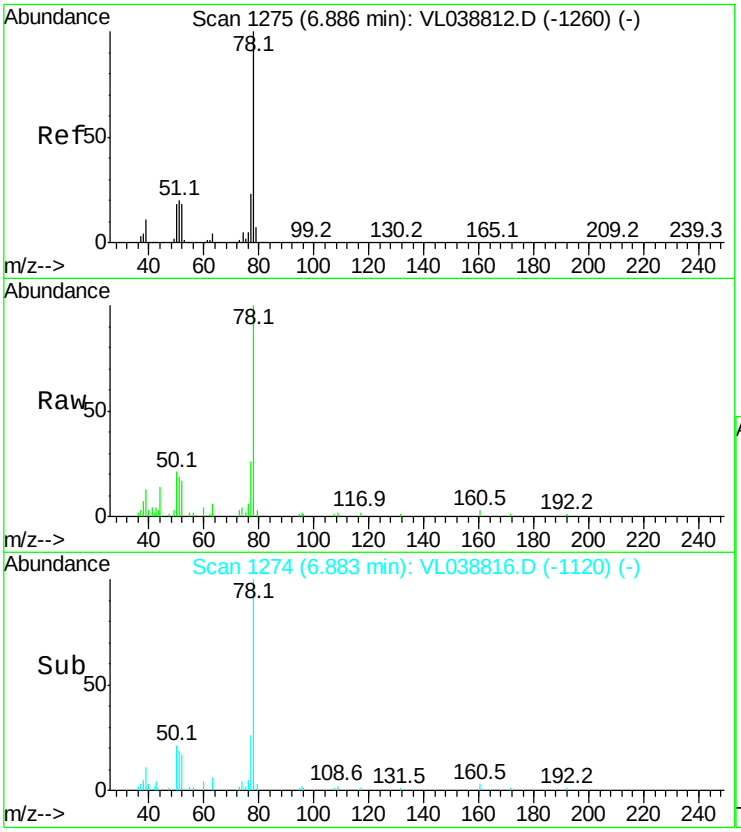


#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:117 Resp: 21999

Ion	Ratio	Lower	Upper
117	100		
119	72.9	77.7	116.5#
121	32.6	24.5	36.7



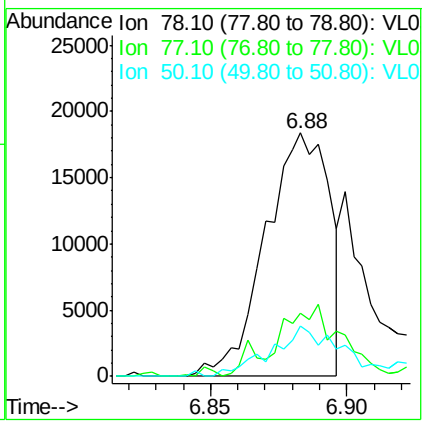


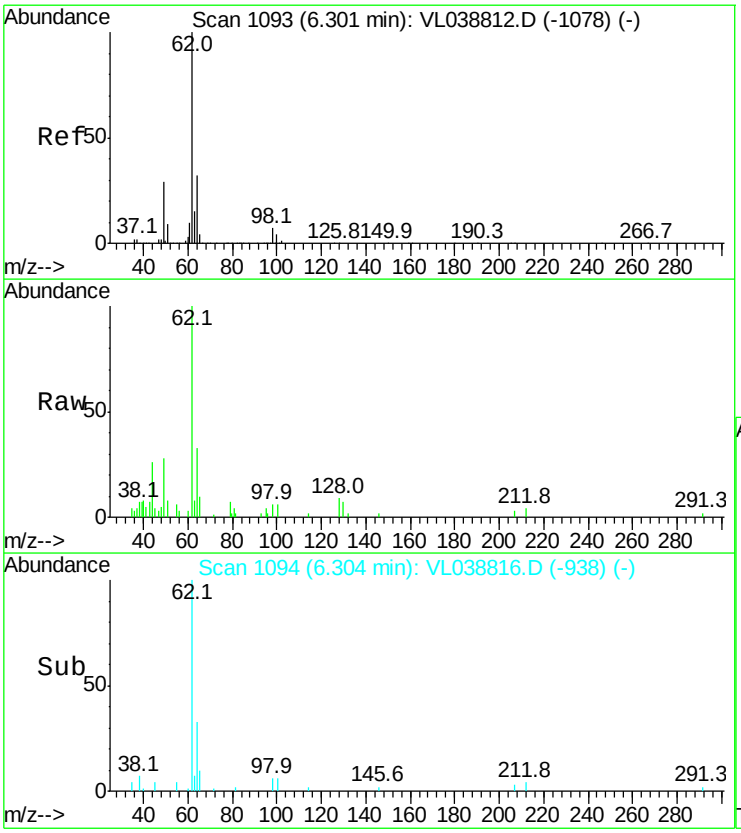
#36
Benzene
Concen: 0.10 ppbv
RT: 6.88
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 29920

Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.2	27.2
50	20.5	14.0	21.0

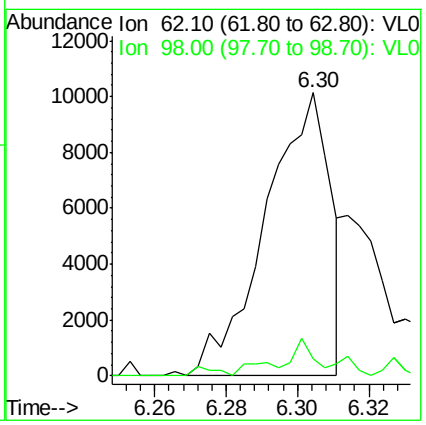


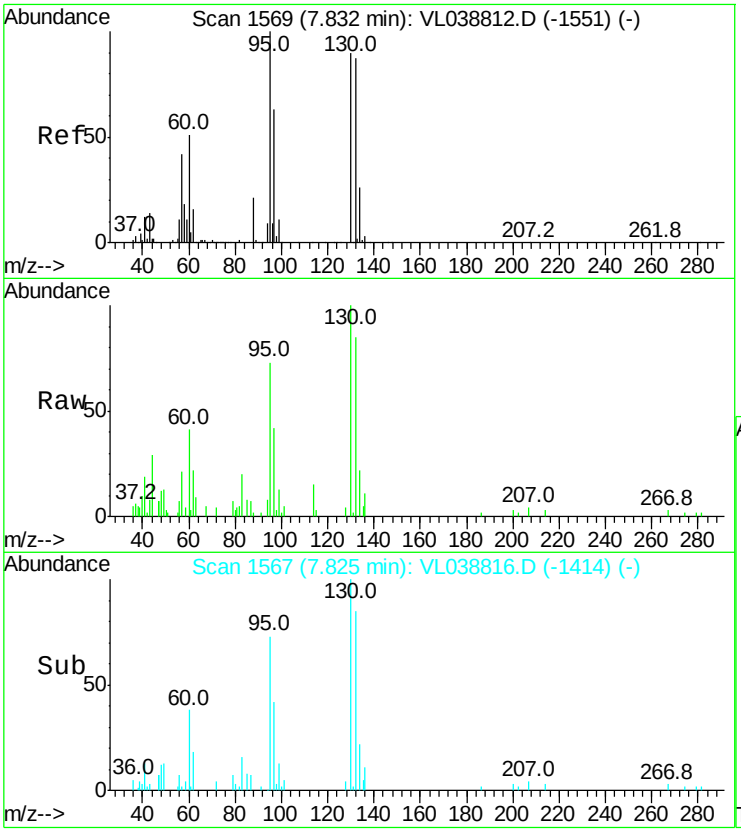


#37
1,2-Dichloroethane
Concen: 0.08 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 62 Resp: 12716

Ion	Ratio	Lower	Upper
62	100		
98	11.7	5.9	8.9#



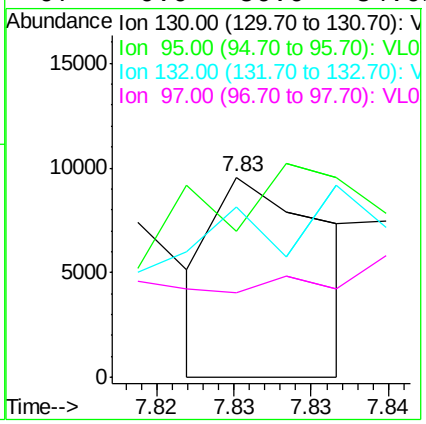


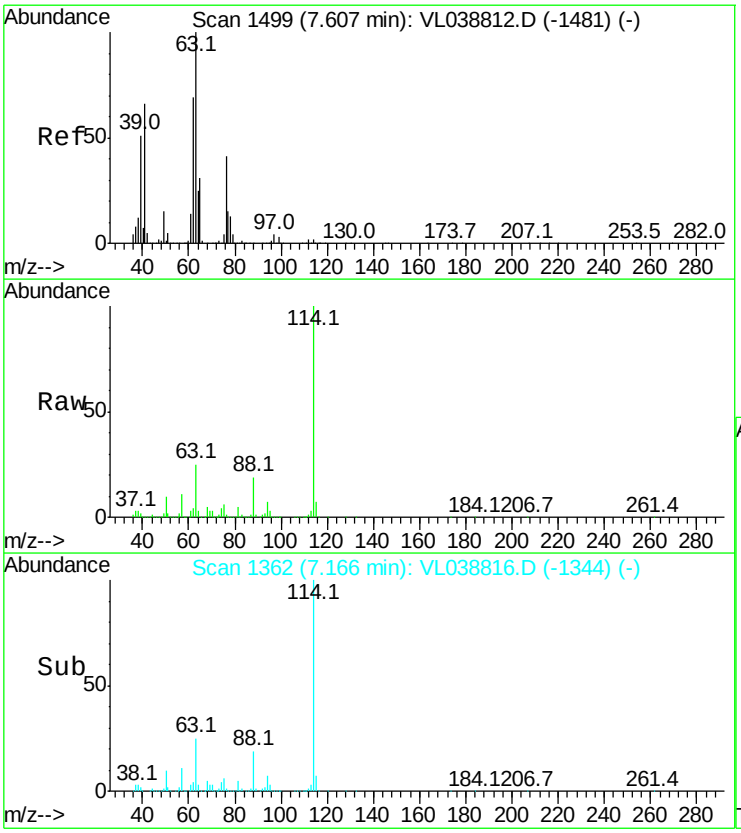
#38
Trichloroethene
Concen: 0.04 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:130 Resp: 4779

Ion	Ratio	Lower	Upper
130	100		
95	0.0	89.4	134.0#
132	48.0	77.7	116.5#
97	0.0	56.0	84.0#

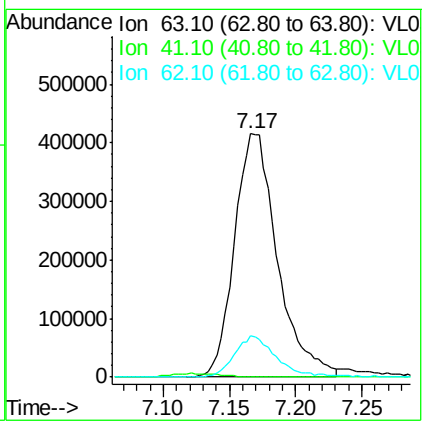


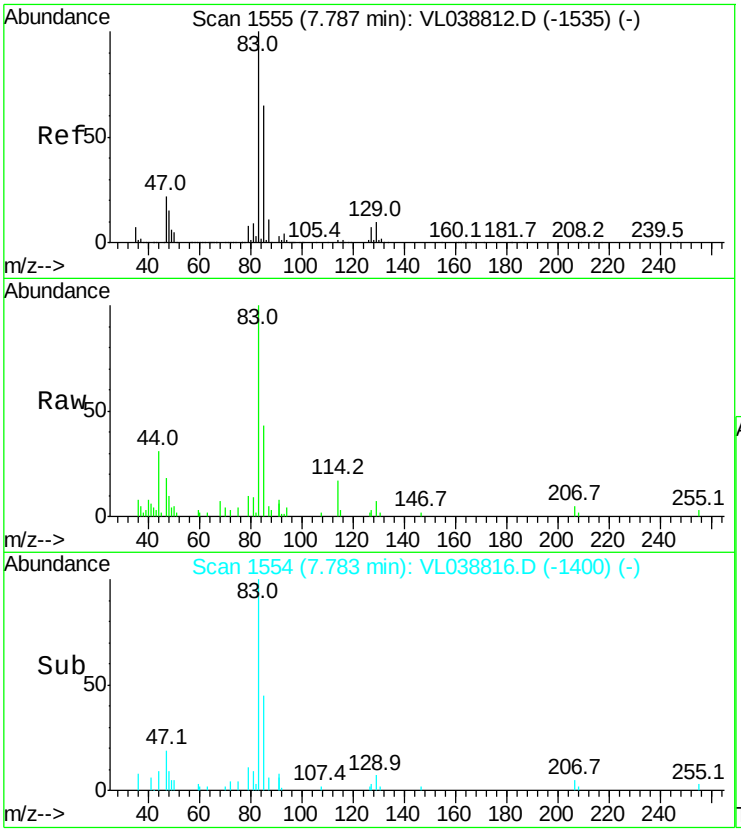


#39
1,2-Dichloropropane
Concen: 7.92 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.44 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 63 Resp: 936021

Ion	Ratio	Lower	Upper
63	100		
41	0.1	53.0	79.6#
62	16.8	55.0	82.4#



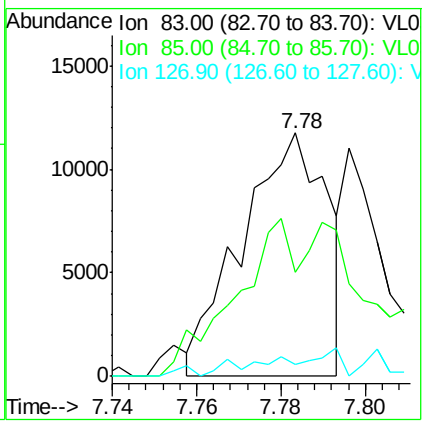


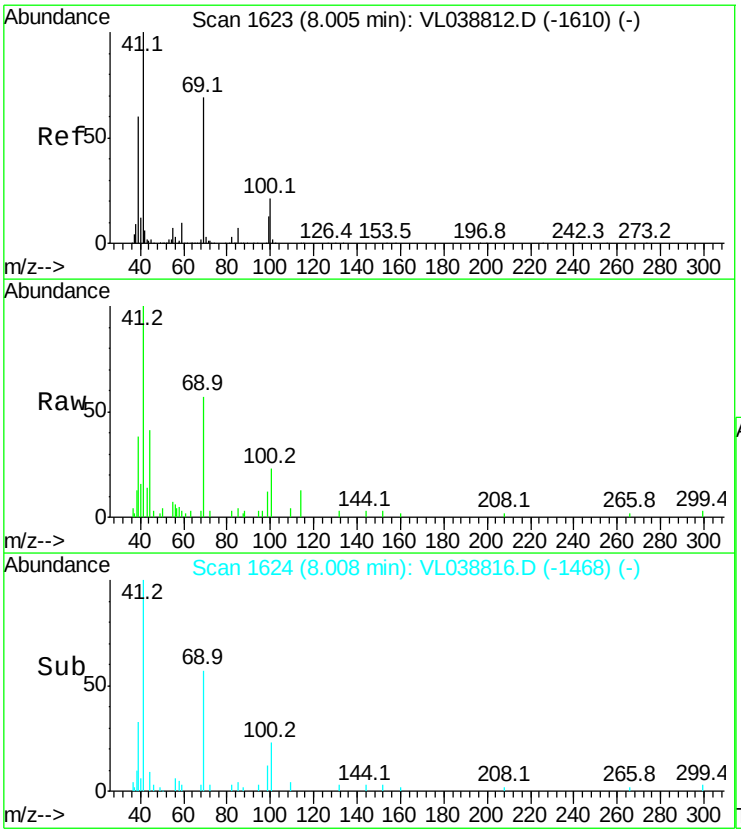
#42
Bromodichloromethane
Concen: 0.07 ppbv
RT: 7.78
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 16469

Ion	Ratio	Lower	Upper
83	100		
85	26.1	51.7	77.5#
127	0.4	5.9	8.9#

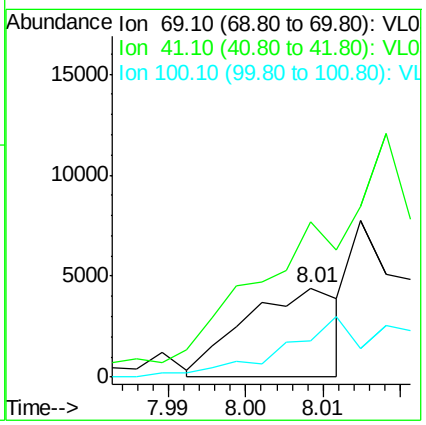


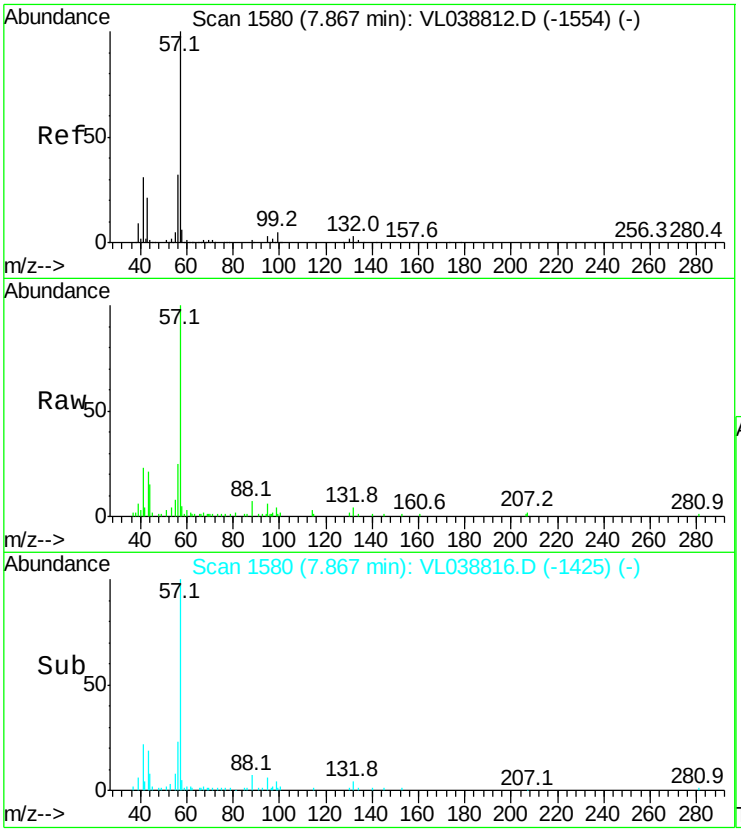


#43
Methyl Methacrylate
Concen: 0.03 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 69 Resp: 3784

Ion	Ratio	Lower	Upper
69	100		
41	0.0	119.0	178.4#
100	0.0	26.4	39.6#



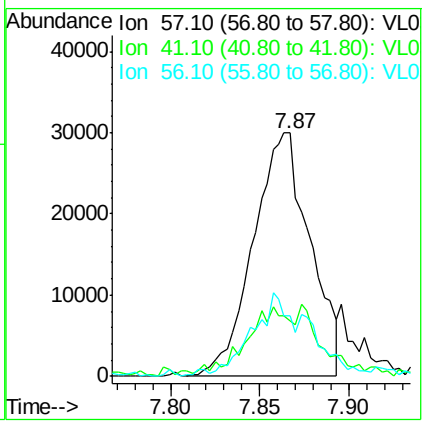


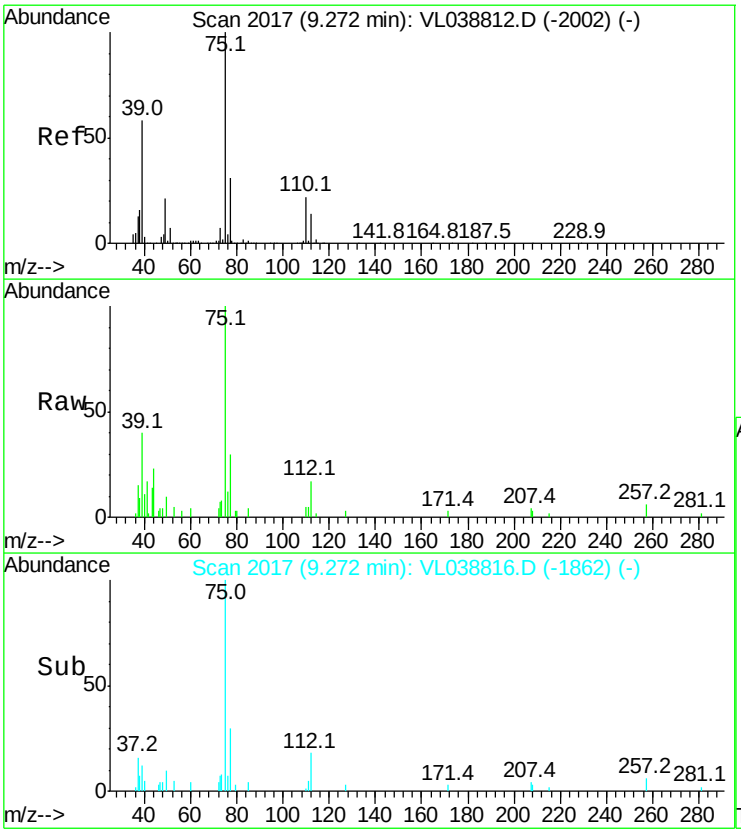
#44
2,2,4-Trimethylpentane
Concen: 0.13 ppbv
RT: 7.87
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 66488

Ion	Ratio	Lower	Upper
57	100		
41	38.9	25.0	37.4#
56	37.8	25.3	37.9

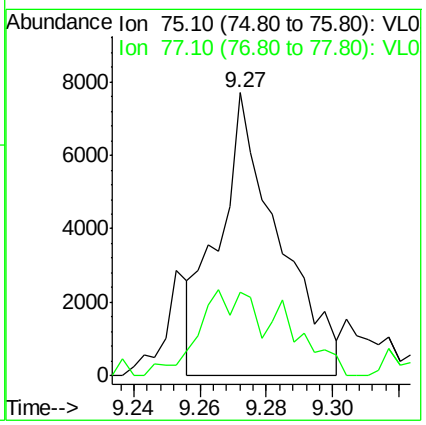


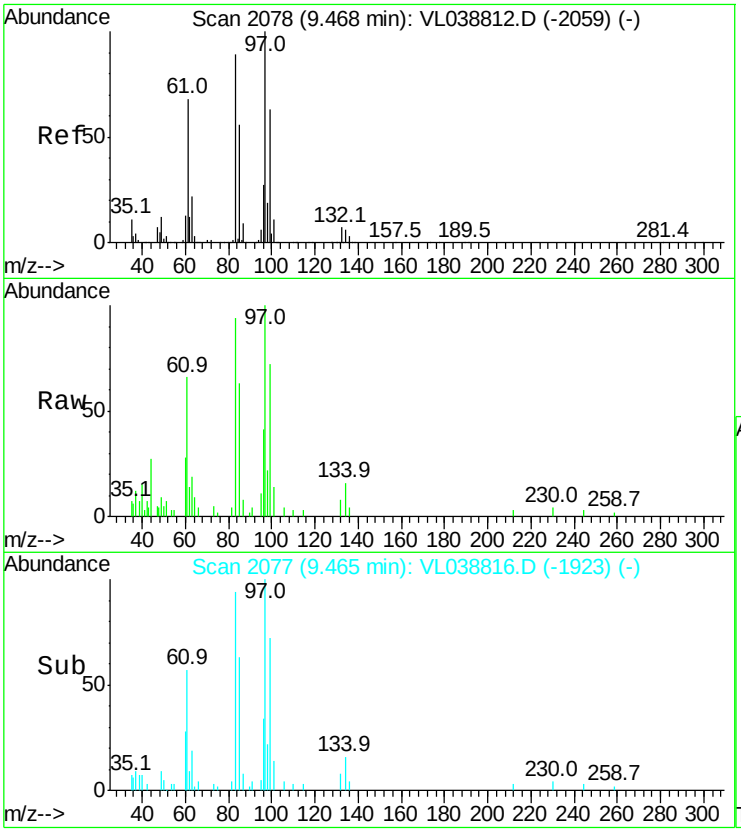


#45
t-1,3-Dichloropropene
Concen: 0.09 ppbv
RT: 9.27 min Scan# 2017
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 75 Resp: 9756

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.0	37.4



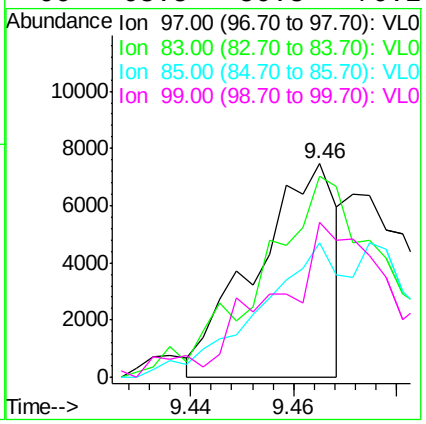


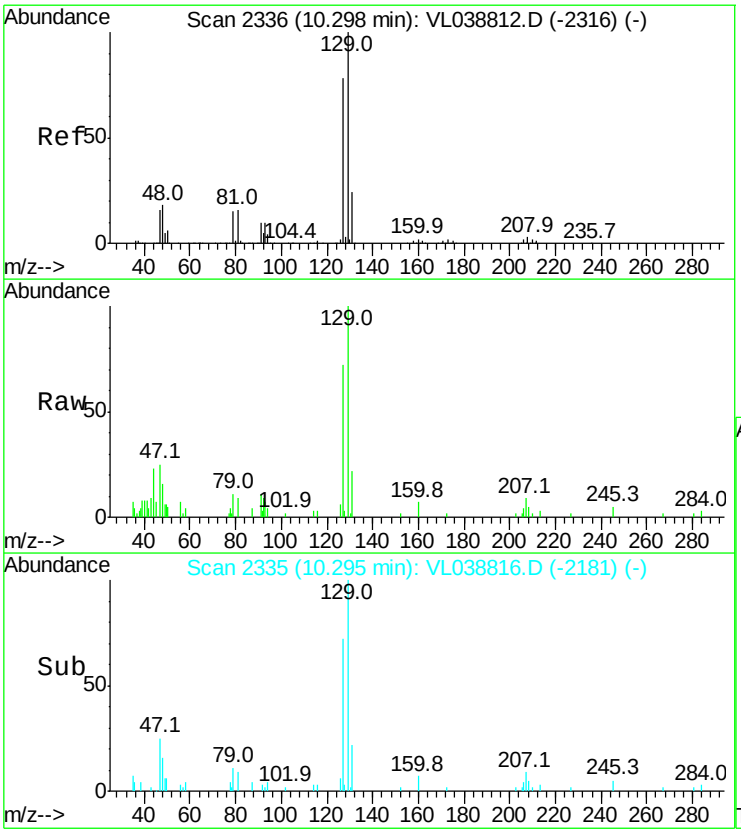
#47
1,1,2-Trichloroethane
Concen: 0.06 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 8085

Ion	Ratio	Lower	Upper
97	100		
83	95.4	71.1	106.7
85	62.3	45.1	67.7
99	68.5	50.8	76.2

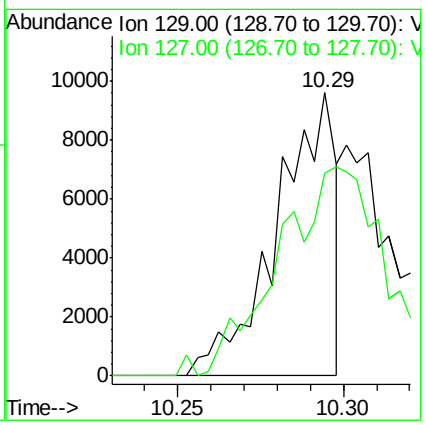


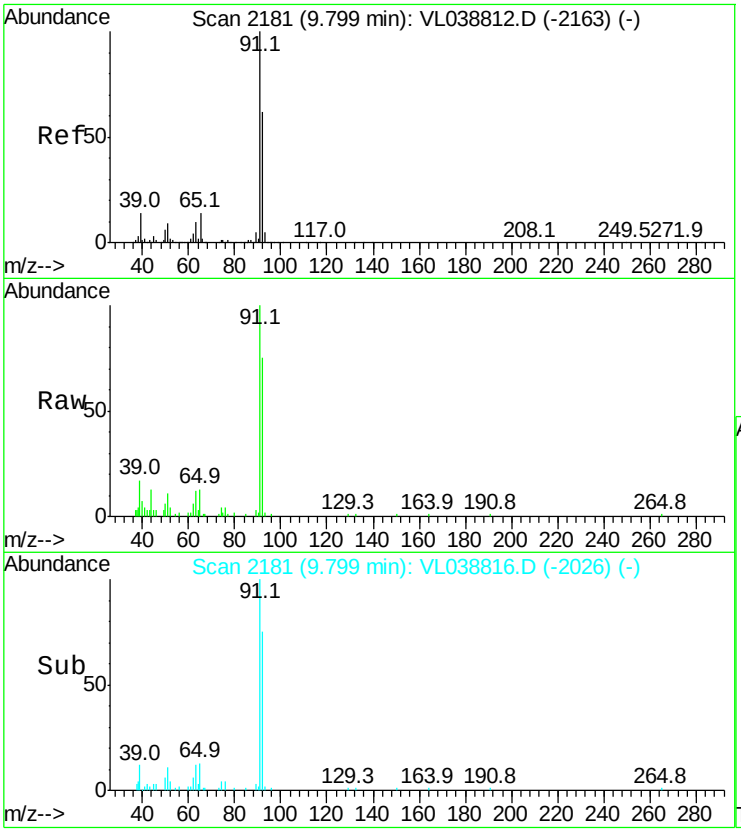


#48
Dibromochloromethane
Concen: 0.06 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:129 Resp: 11799

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#



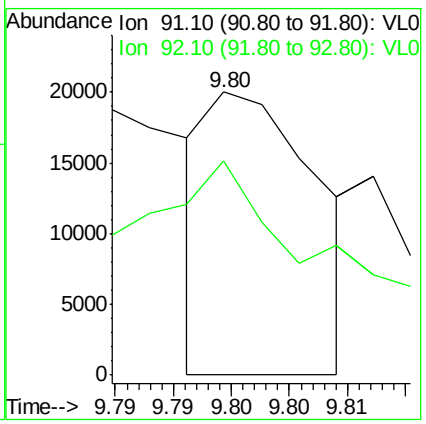


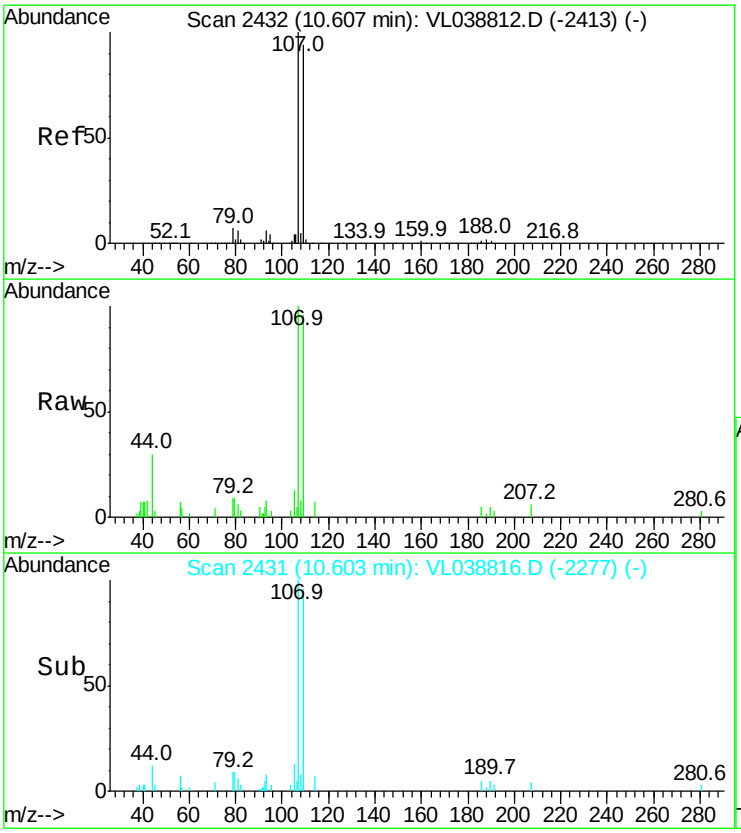
#53
Toluene
Concen: 0.04 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 12915

Ion	Ratio	Lower	Upper
91	100		
92	216.7	49.2	73.8#

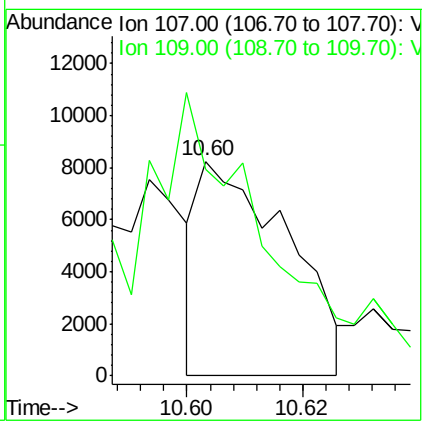


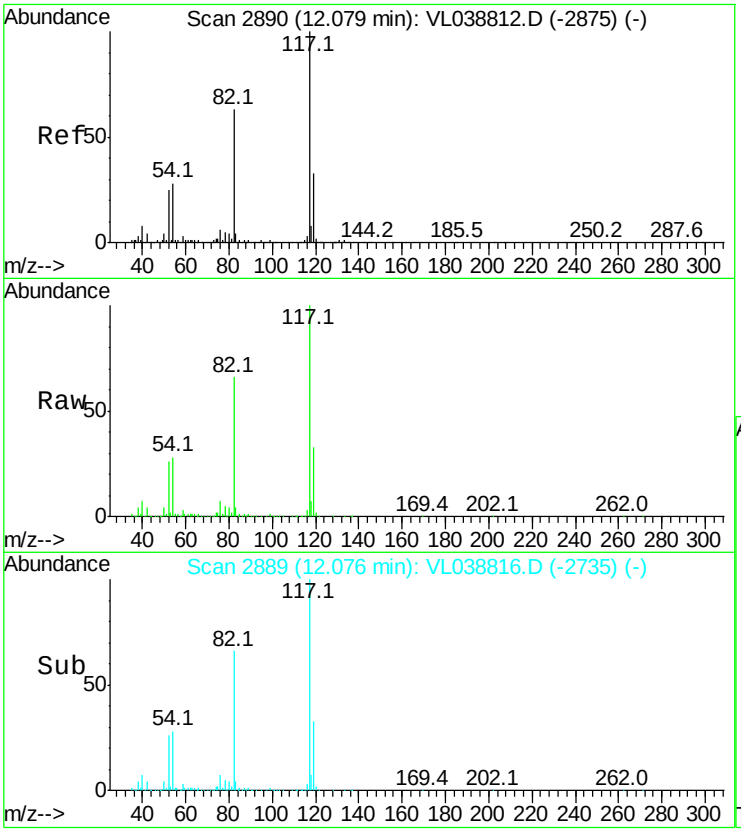


#54
1,2-Dibromoethane
Concen: 0.05 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:107 Resp: 8771

Ion	Ratio	Lower	Upper
107	100		
109	90.6	75.5	113.3



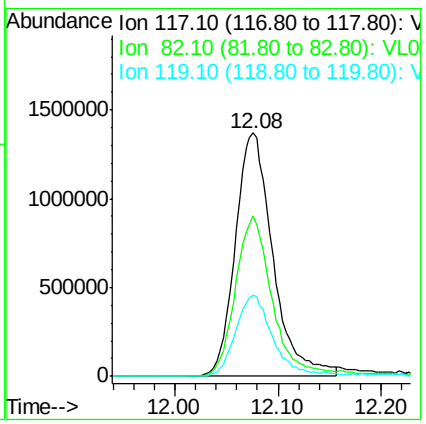


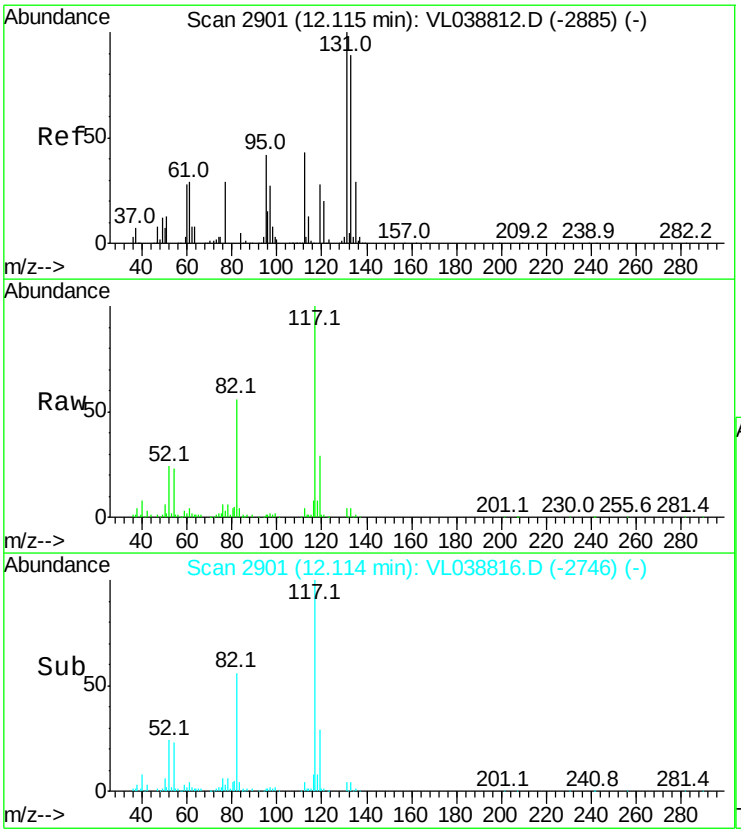
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 3476225

Ion	Ratio	Lower	Upper
117	100		
82	67.6	53.0	79.6
119	34.6	24.9	37.3

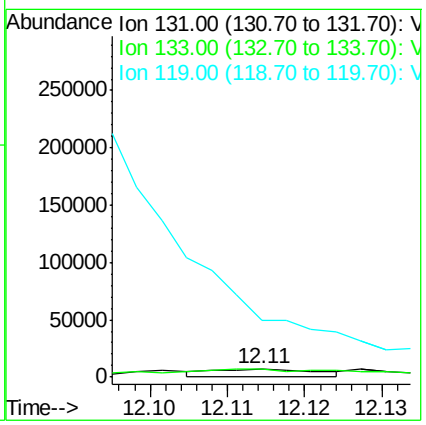


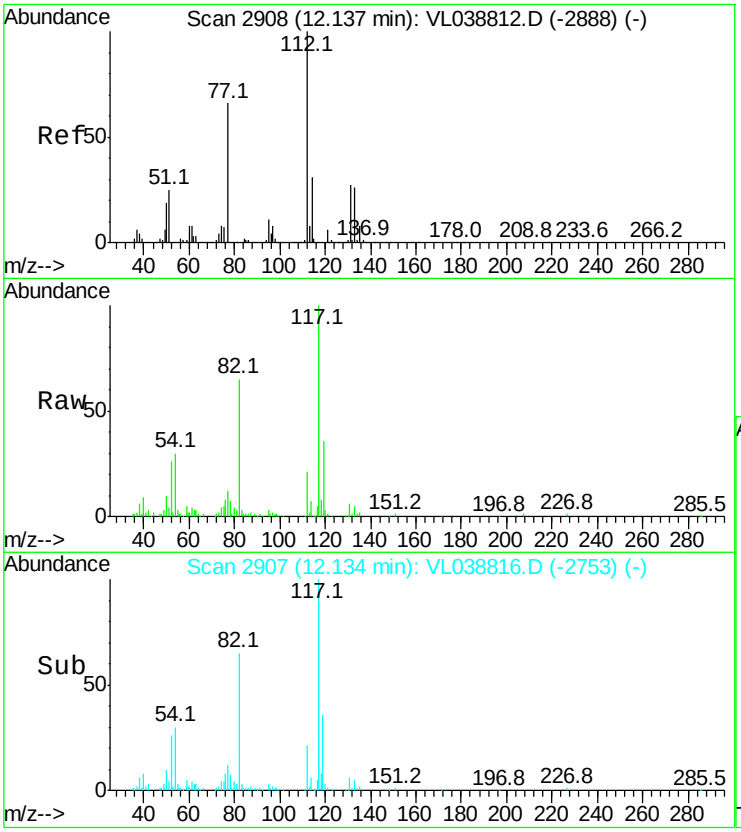


#56
1,1,1,2-Tetrachloroethane
Concen: 0.04 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:131 Resp: 6464

Ion	Ratio	Lower	Upper
131	100		
133	261.3	78.2	117.4#
119	0.0	58.6	87.8#



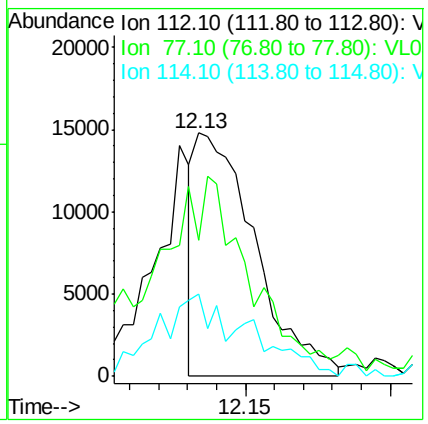


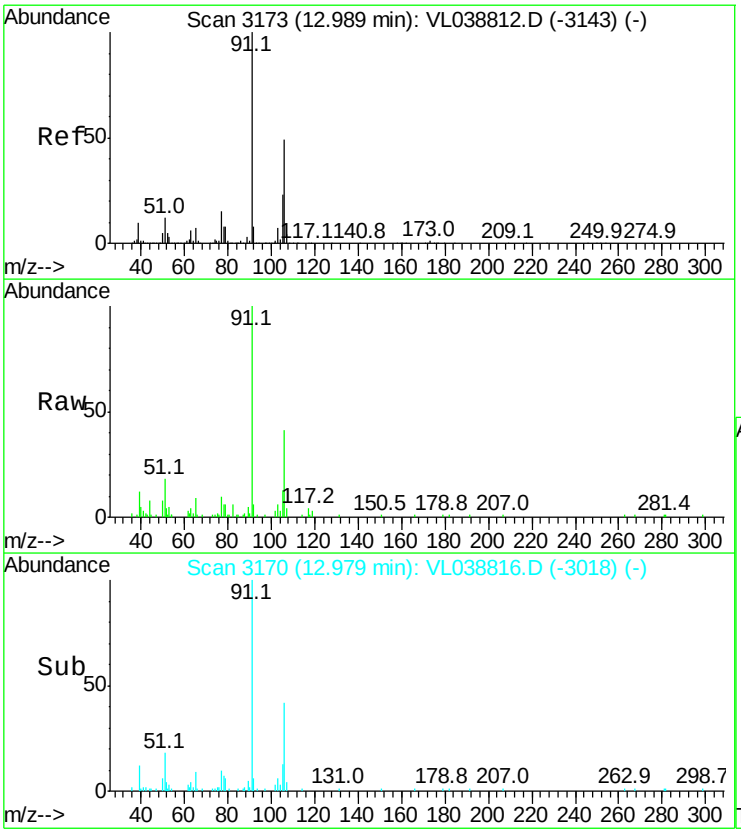
#57
Chlorobenzene
Concen: 0.08 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 21144

Ion	Ratio	Lower	Upper
112	100		
77	48.9	52.4	78.6#
114	35.2	28.1	34.3#

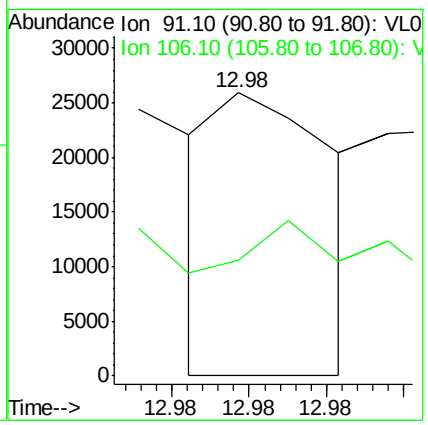


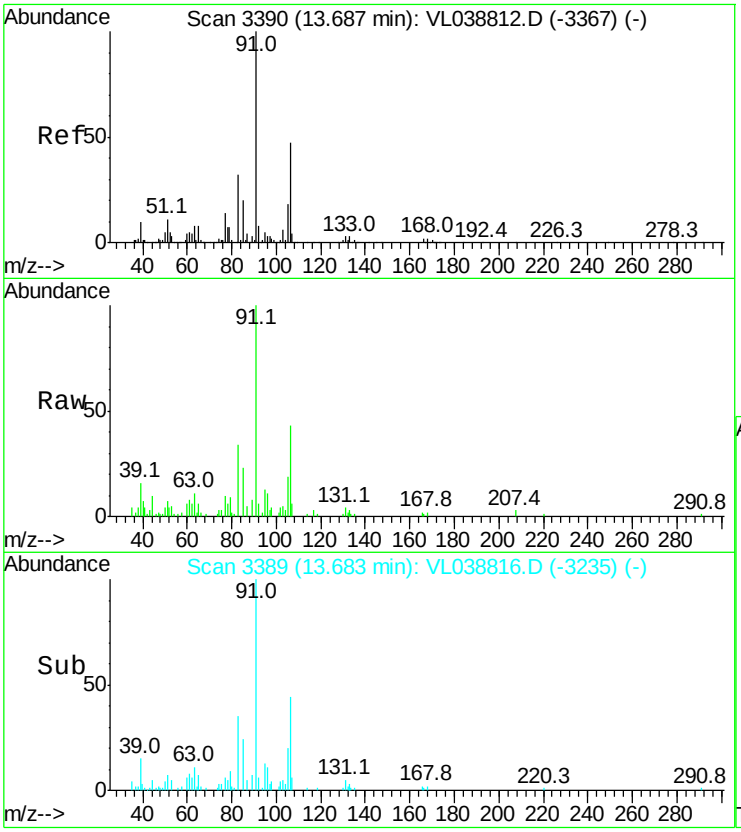


#59
m/p-Xylene
Concen: 0.04 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 91 Resp: 13436

Ion	Ratio	Lower	Upper
91	100		
106	361.8	37.1	55.7#



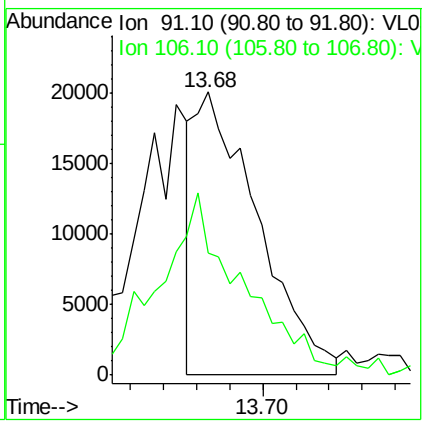


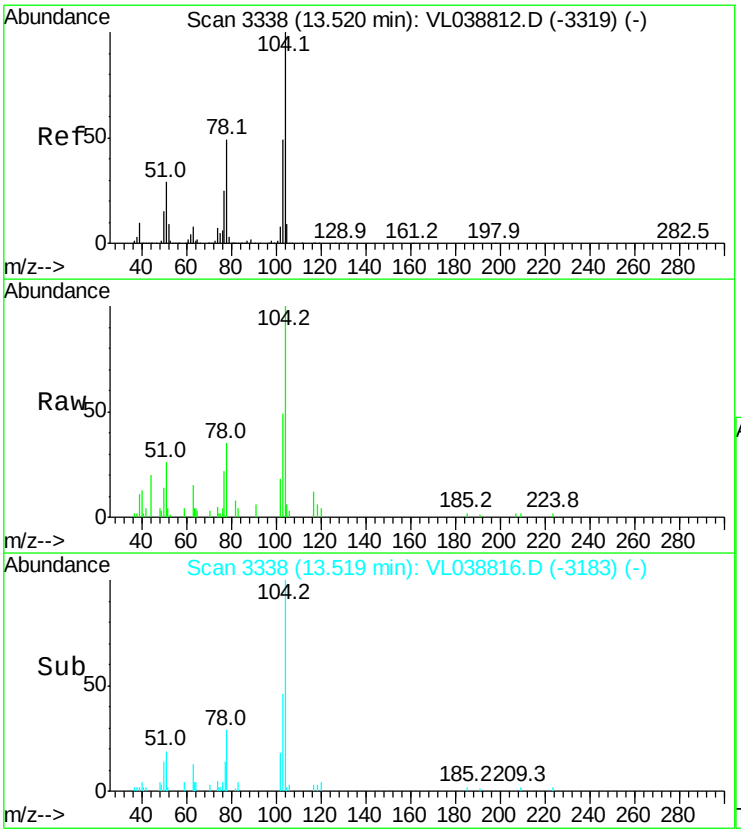
#60
o-Xylene
Concen: 0.08 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 26350

Ion	Ratio	Lower	Upper
91	100		
106	93.4	23.8	71.4#

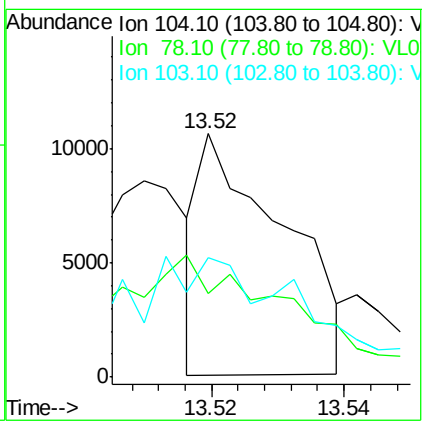


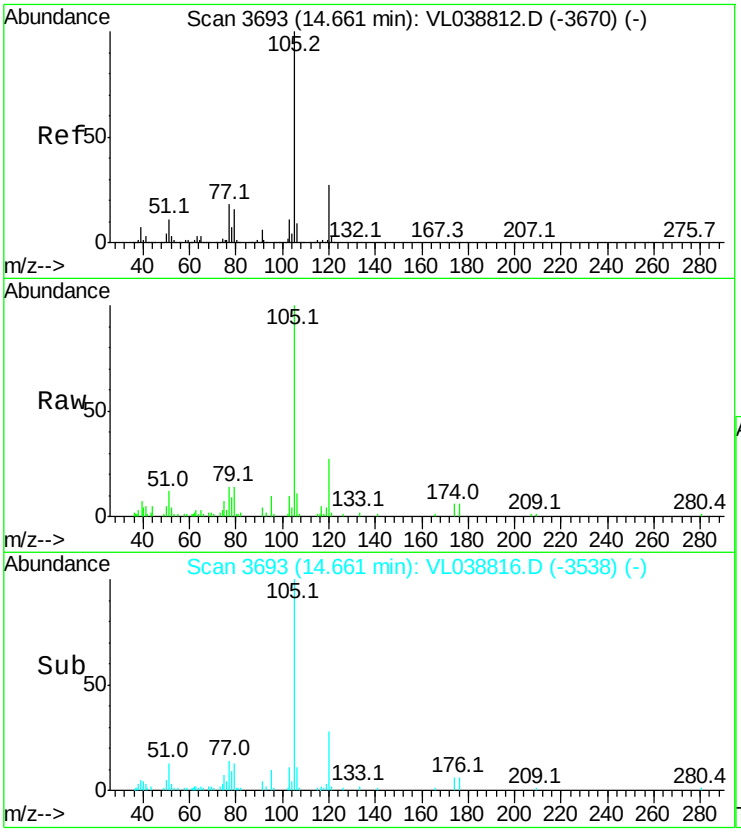


#61
Styrene
Concen: 0.05 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:104 Resp: 9398

Ion	Ratio	Lower	Upper
104	100		
78	130.3	40.5	60.7#
103	133.1	39.0	58.4#



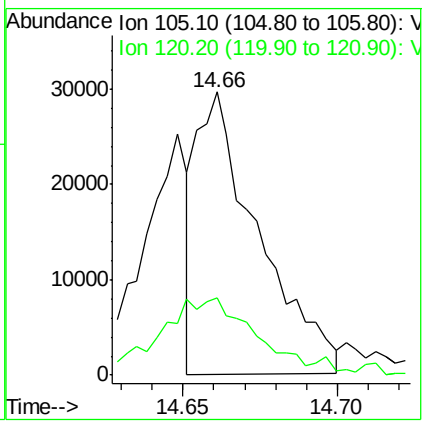


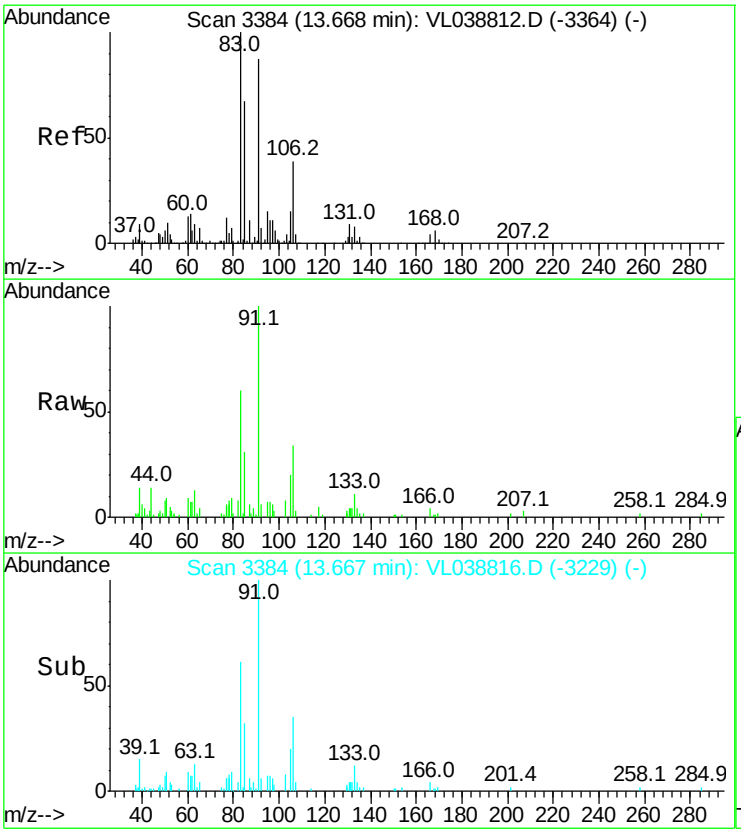
#62
Isopropylbenzene
Concen: 0.08 ppbv
RT: 14.66
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 41147

Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.8	32.8#

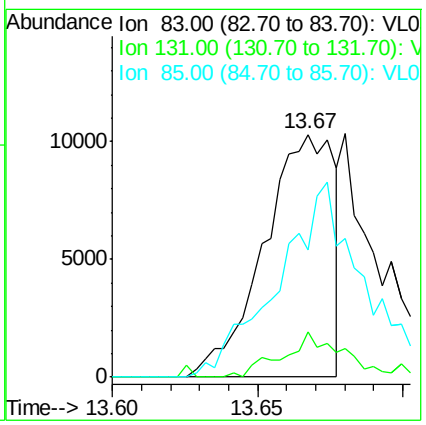


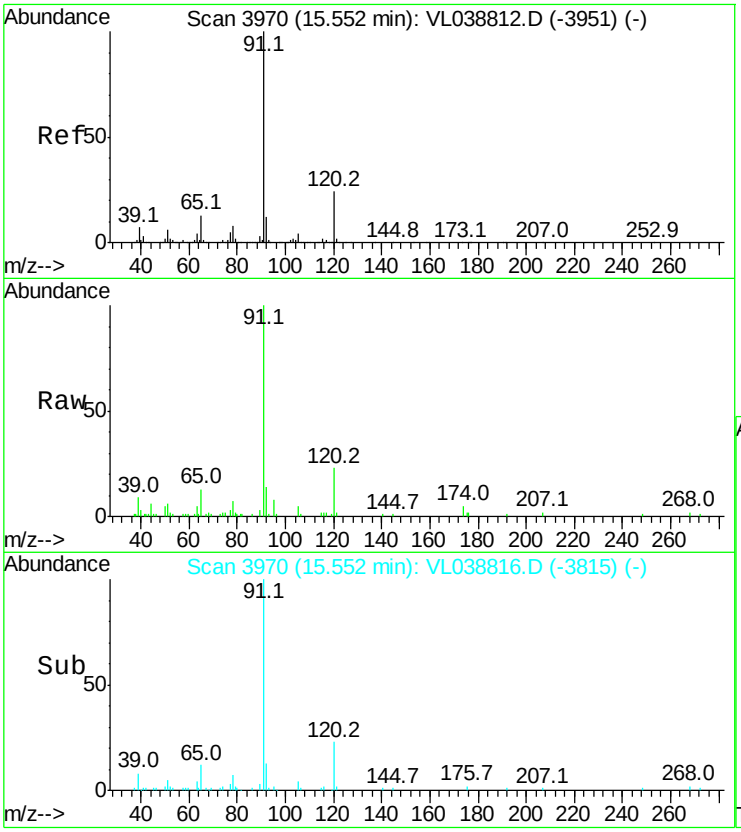


#63
1,1,2,2-Tetrachloroethane
Concen: 0.07 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion: 83 Resp: 17308

Ion	Ratio	Lower	Upper
83	100		
131	16.7	4.6	13.8#
85	0.0	33.0	99.0#



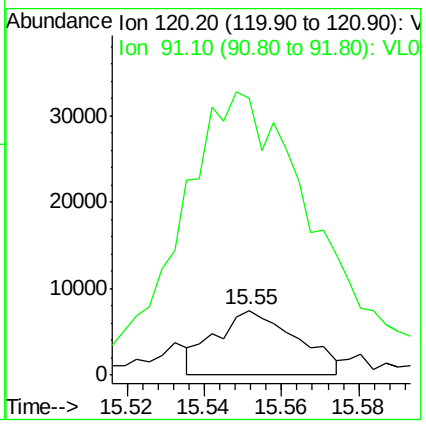


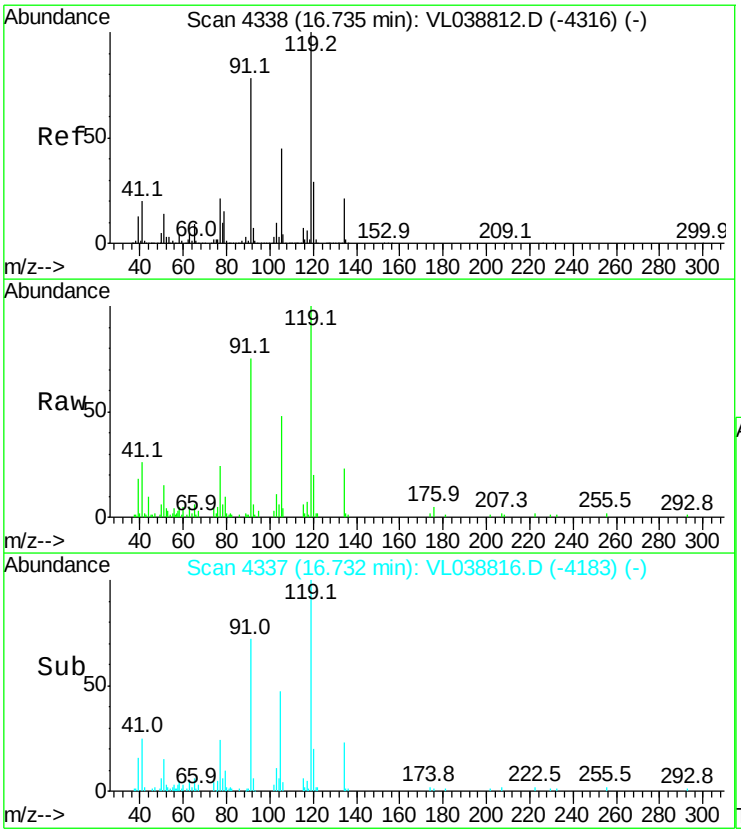
#64
n-propylbenzene
Concen: 0.08 ppbv
RT: 15.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:120 Resp: 11029

Ion	Ratio	Lower	Upper
120	100		
91	792.4	360.6	540.8#

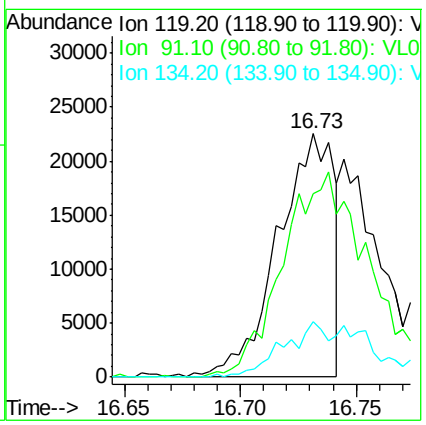


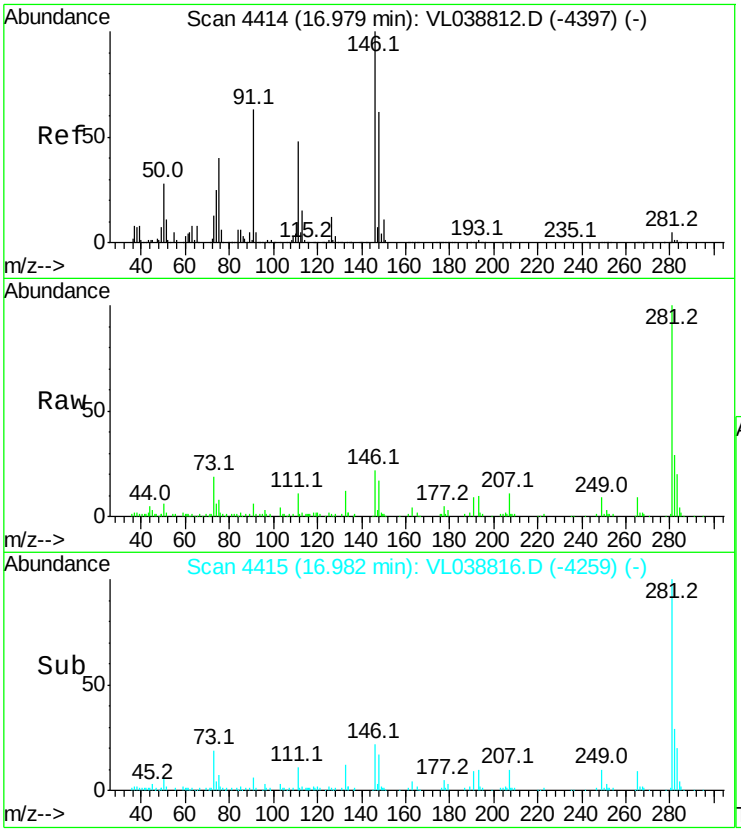


#65
tert-Butylbenzene
Concen: 0.08 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:119 Resp: 37633

Ion	Ratio	Lower	Upper
119	100		
91	0.0	62.8	94.2#
134	34.4	16.2	24.4#



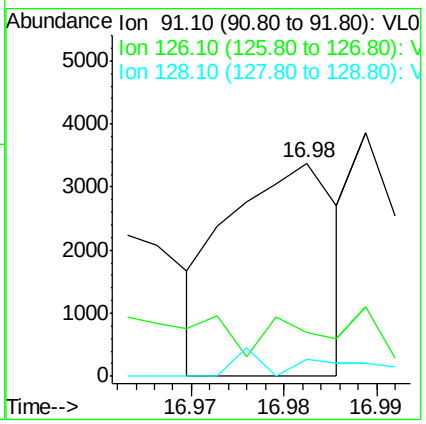


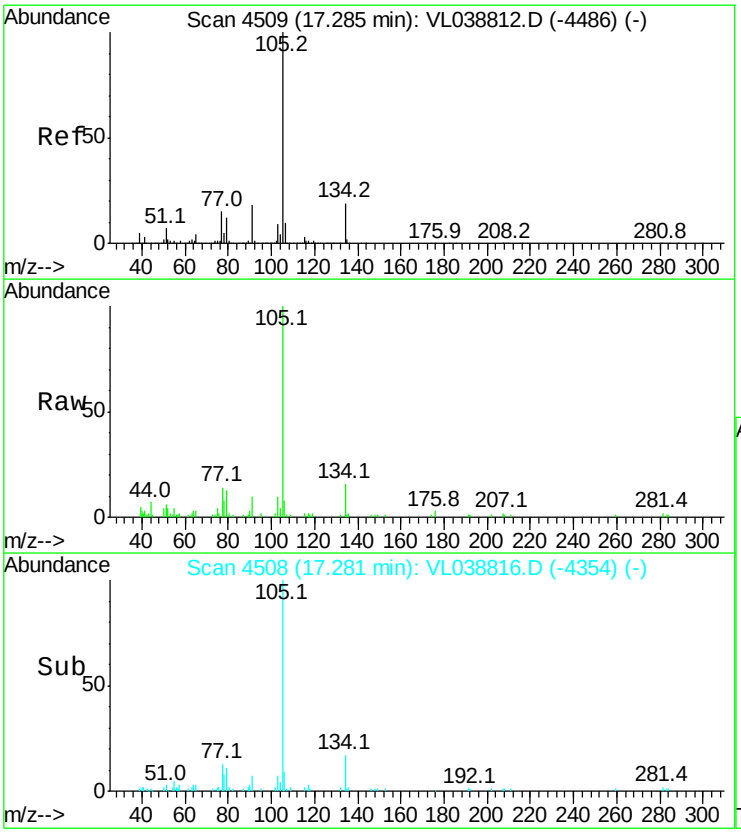
#66
Benzyl Chloride
Concen: 0.03 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 2759

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.4	23.0#
128	21.4	4.7	7.1#

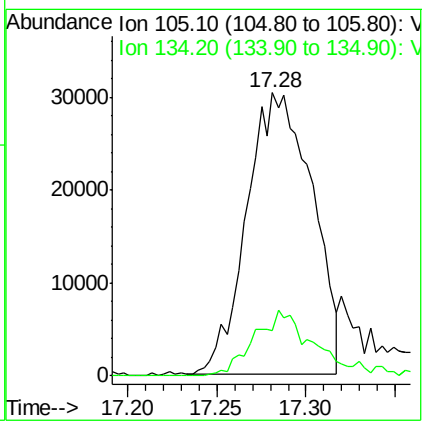


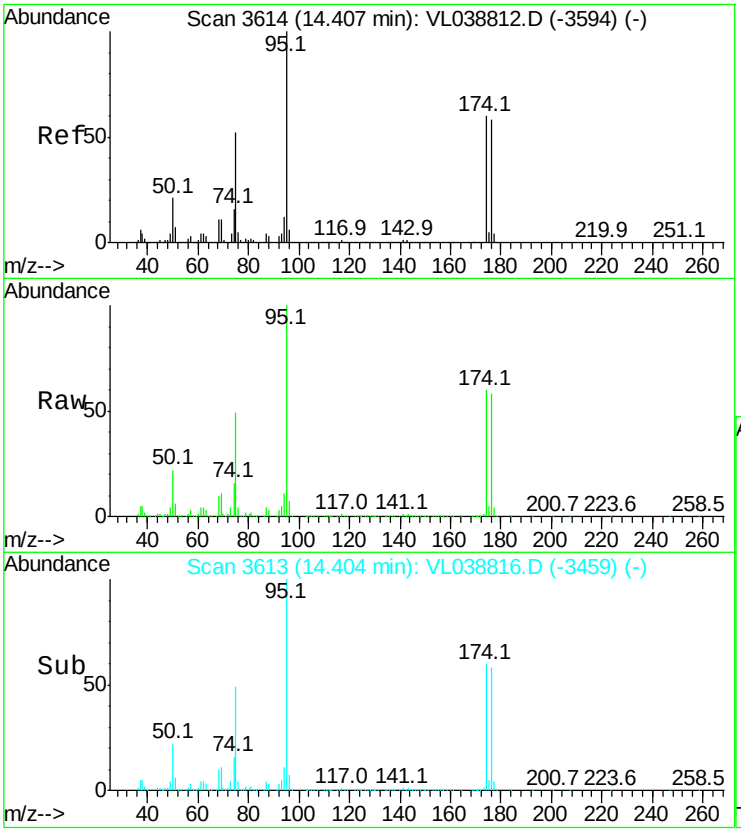


#67
sec-Butylbenzene
Concen: 0.12 ppbv
RT: 17.28 min Scan# 4508
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:105 Resp: 77365

Ion	Ratio	Lower	Upper
105	100		
134	22.5	15.1	22.7



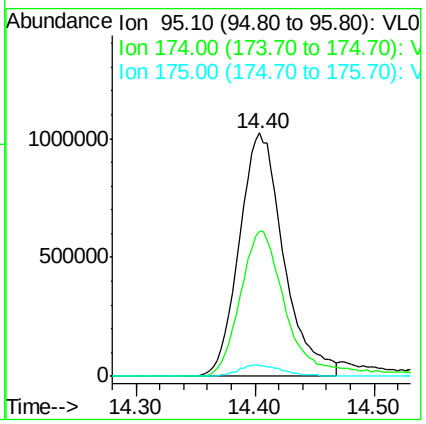


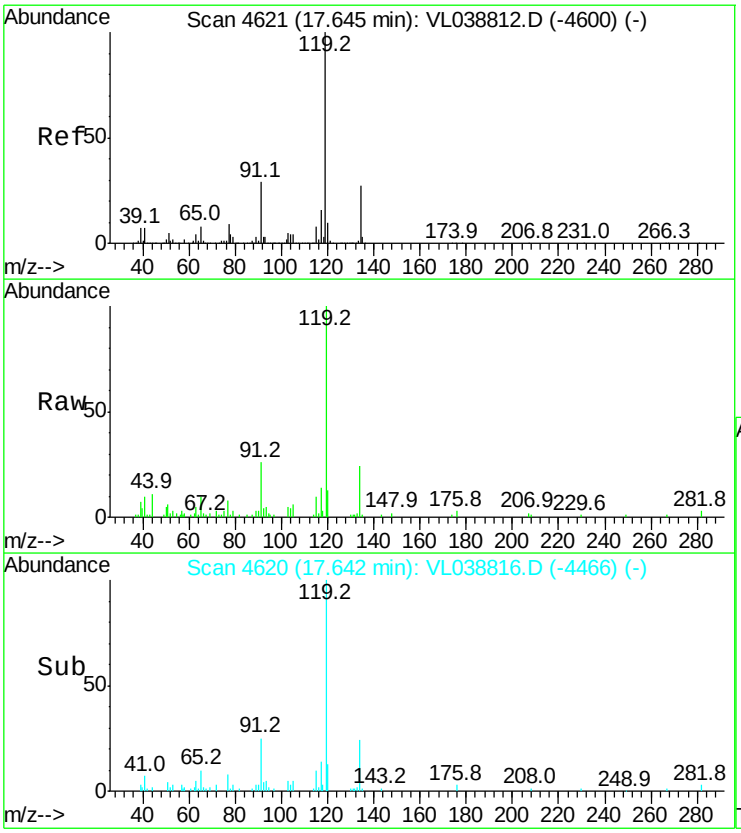
#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 2644147

Ion	Ratio	Lower	Upper
95	100		
174	64.7	52.0	78.0
175	4.9	4.0	6.0

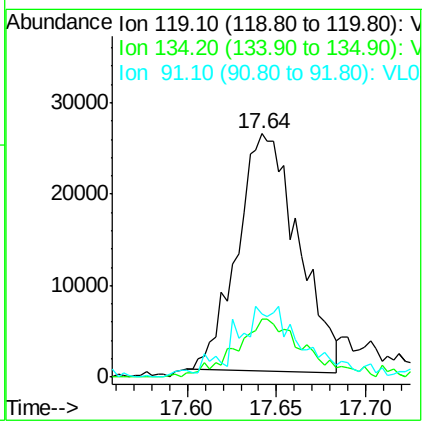


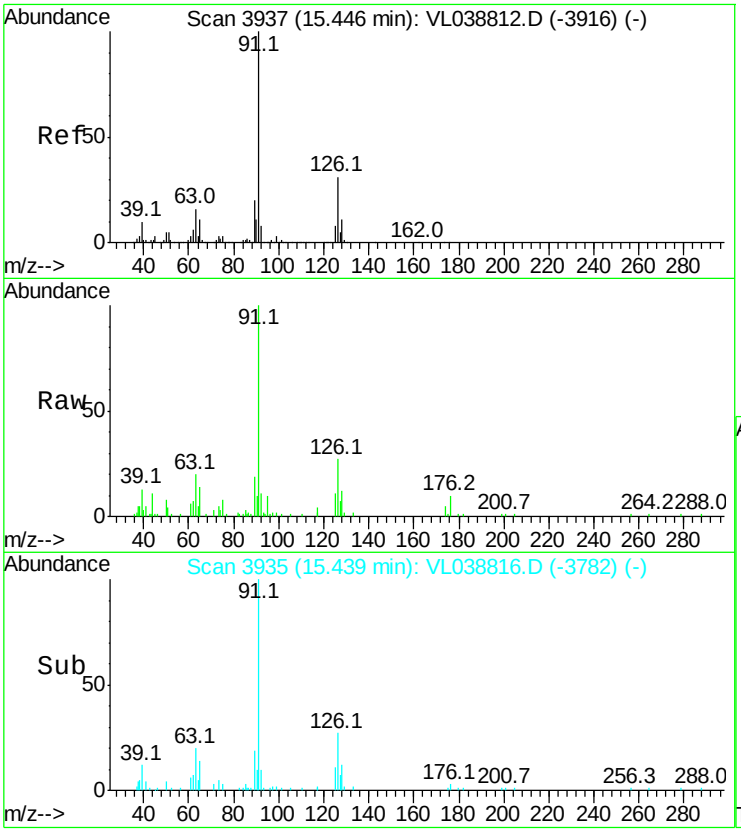


#69
p-Isopropyltoluene
Concen: 0.12 ppbv
RT: 17.64 min Scan# 4620
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:119 Resp: 61766

Ion	Ratio	Lower	Upper
119	100		
134	29.0	20.8	31.2
91	36.0	22.6	34.0#



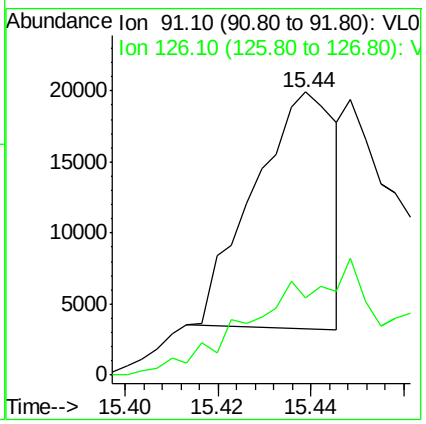


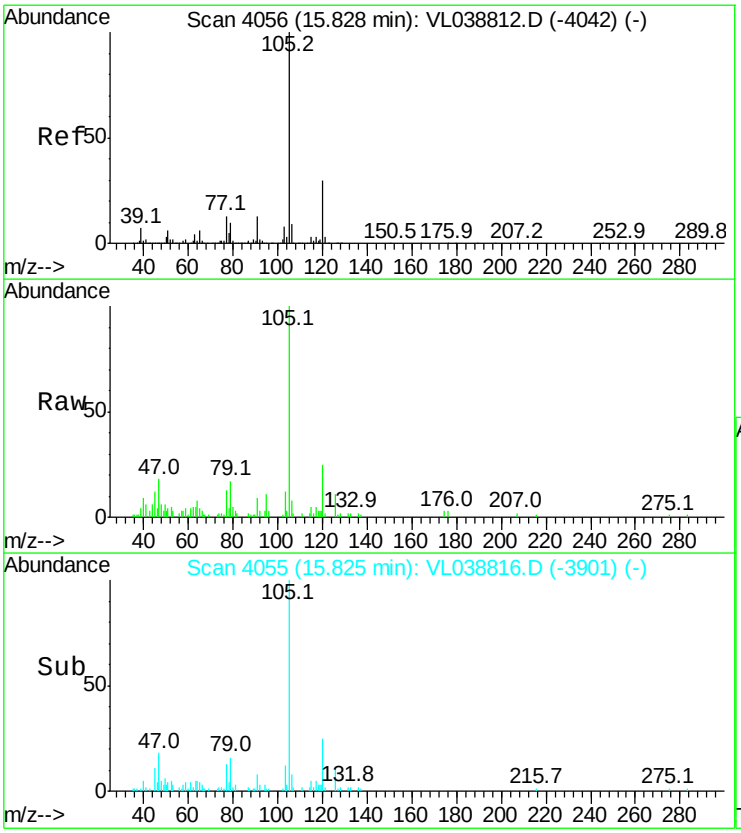
#71
2-Chlorotoluene
Concen: 0.05 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 20314

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.0	51.8#

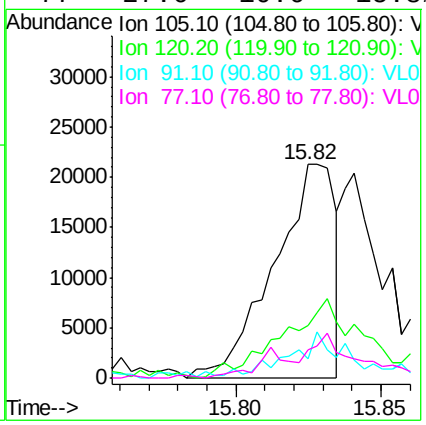


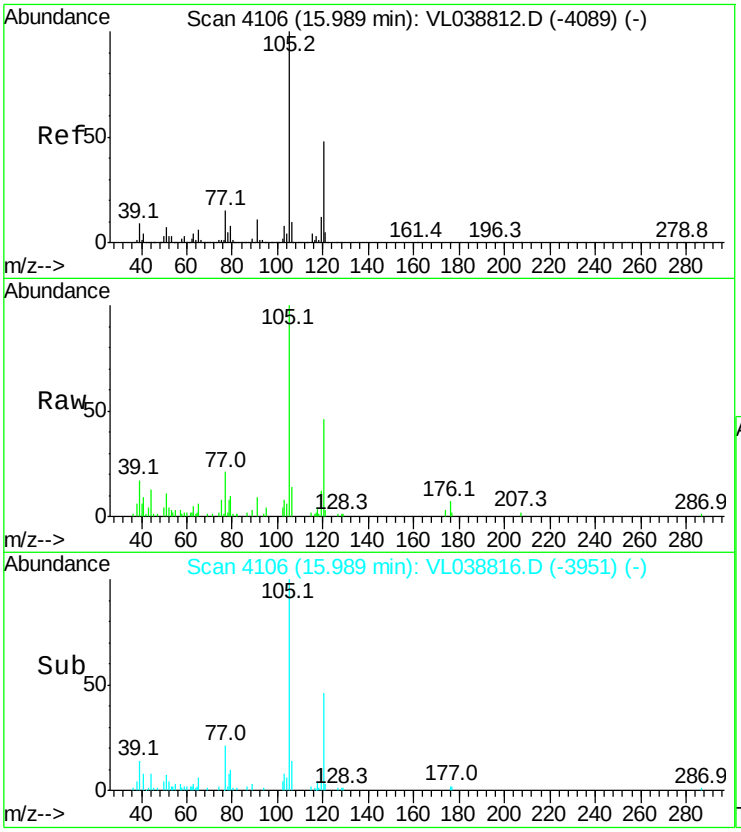


#72
4-Ethyltoluene
Concen: 0.08 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:105 Resp: 31097

Ion	Ratio	Lower	Upper
105	100		
120	56.0	24.3	36.5#
91	21.5	9.4	14.2#
77	27.6	10.6	15.8#



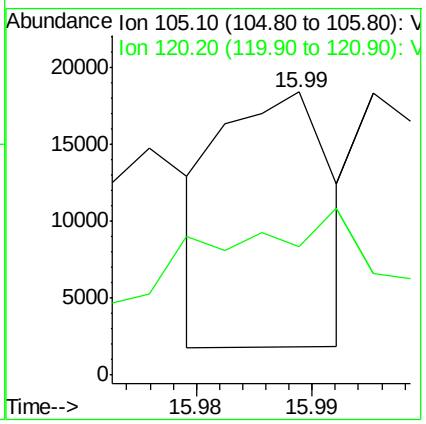


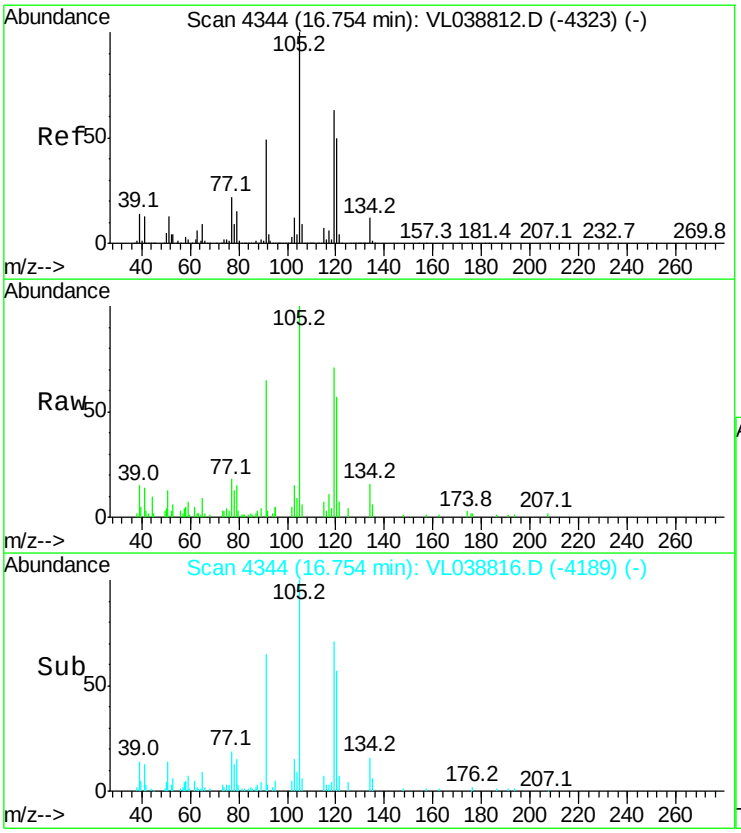
#73
1,3,5-Trimethylbenzene
Concen: 0.03 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 10977

Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.7	58.1#

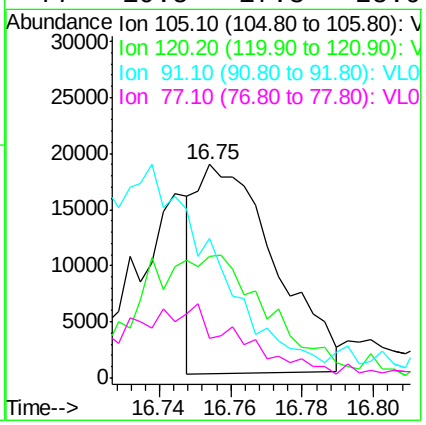


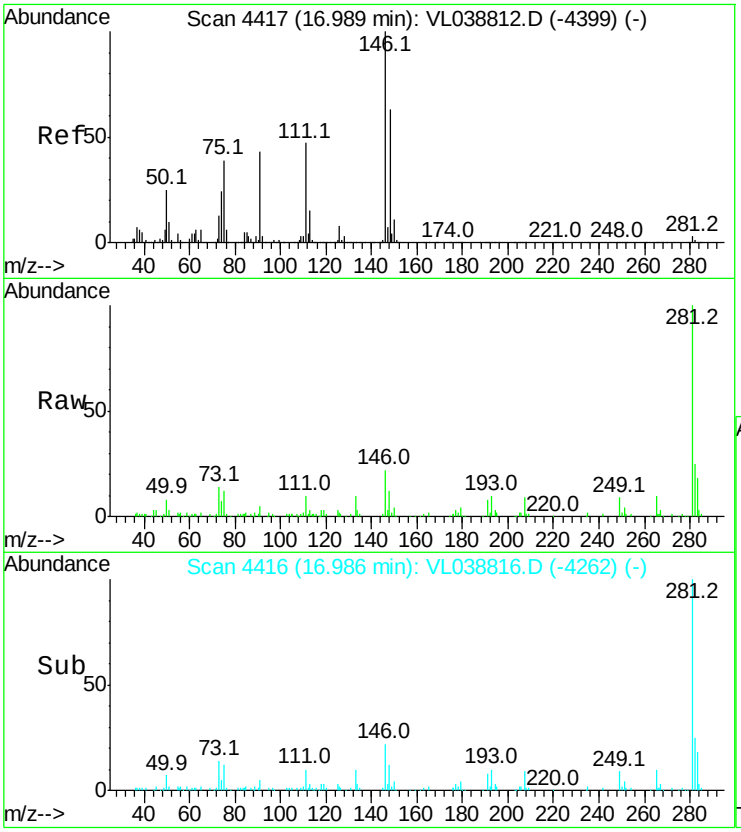


#74
1,2,4-Trimethylbenzene
Concen: 0.07 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:105 Resp: 28481

Ion	Ratio	Lower	Upper
105	100		
120	58.2	39.8	59.8
91	62.0	39.4	59.0#
77	19.5	17.3	25.9



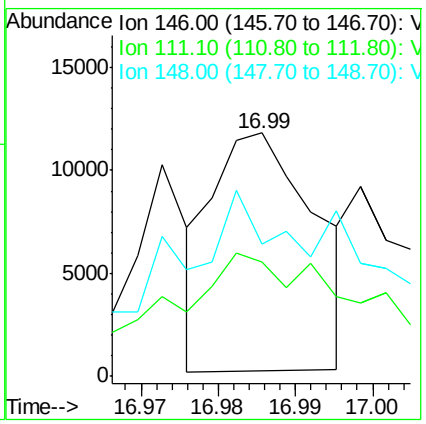


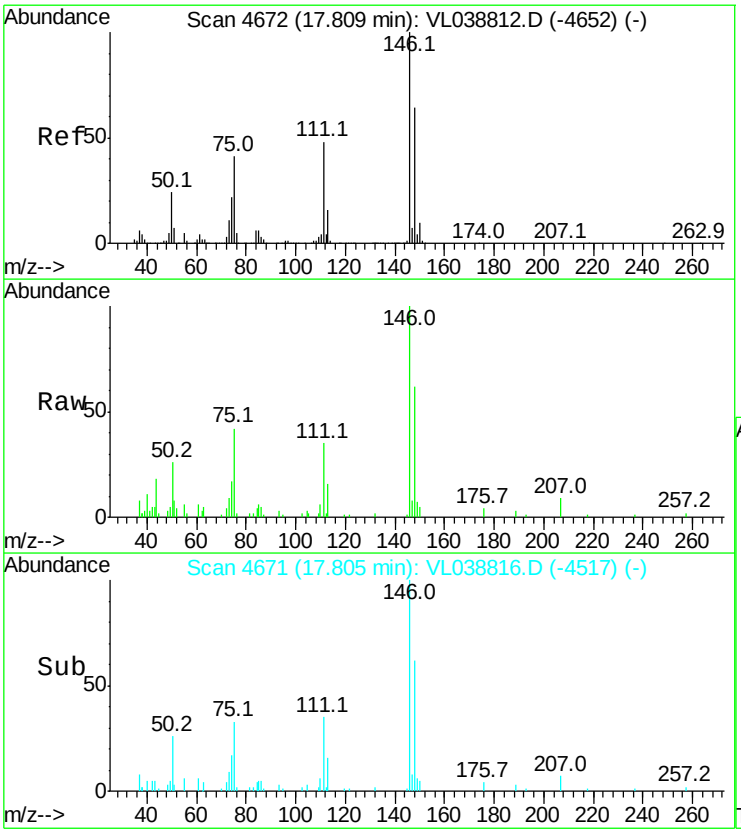
#75
1,3-Dichlorobenzene
Concen: 0.04 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 10678

Ion	Ratio	Lower	Upper
146	100		
111	148.4	23.8	71.2#
148	183.8	31.8	95.4#

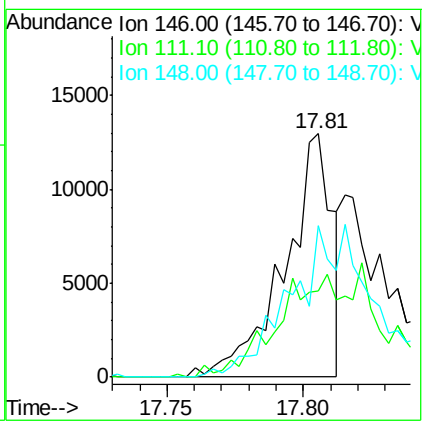


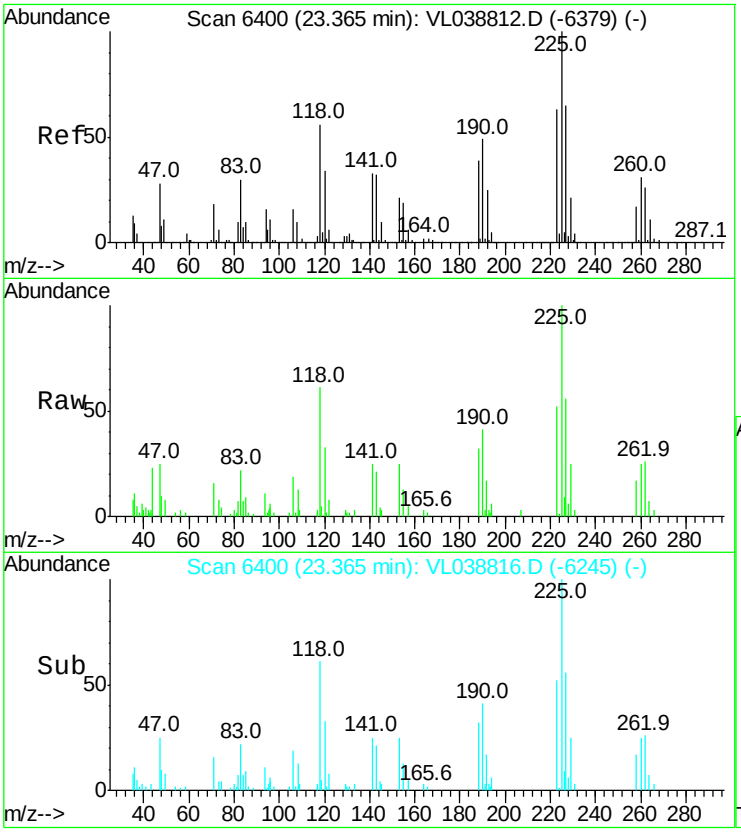


#77
1,2-Dichlorobenzene
Concen: 0.06 ppbv
RT: 17.81 min Scan# 4671
Delta R.T. -0.00 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

Tgt Ion:146 Resp: 15535

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.8	74.3#
148	0.0	31.9	95.7#





#78
Hexachloro-1,3-Butadiene
Concen: 0.07 ppbv
RT: 23.36
Delta R.T
Lab File:
Acq: 5 Apr 2022 18:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 15525

Ion	Ratio	Lower	Upper
225	100		
223	121.0	51.6	77.4#
227	0.0	52.3	78.5#