Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042359.D
Acq On : 17 Apr 2025 16:12
Operator : SY/MD
Sample : Q1665-15
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Quant Time: Apr 18 02:37:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Bromochloromethane	2.787	49	123457	10.000 ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	354157	10.000 ppbv	0.00
55) Chlorobenzene-d5	8.882	117	318284	10.000 ppbv	0.00
System Monitoring Compounds					
68) 1-Bromo-4-Fluorobenzene	10.377	95	265265	10.142 ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.400%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.499	85	9411	0.431 ppbv	90
3) Chlorodifluoromethane	1.787	51	2267	0.109 ppbv	94
4) Chloromethane	1.531	50	5667	0.657 ppbv	96
6) Bromomethane	1.674	94	376	0.093 ppbv #	23
7) Chloroethane	1.703	64	369	0.109 ppbv #	44
9) Propene	1.489	41	15185	1.605 ppbv	84
10) Heptane	4.981	43	1318	0.050 ppbv #	1
11) Trichlorofluoromethane	1.877	101	4367	0.211 ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.136	101	1357	0.080 ppbv	86
13) Ethanol	1.722	45	25940	17.253 ppbv	75
15) Acetone	1.835	43	775779	38.385 ppbv	99
16) 1,3-Butadiene	1.599	39	2667	0.276 ppbv #	75
17) tert-Butyl alcohol	2.046	59	3528	0.141 ppbv #	74
19) Isopropyl Alcohol	1.887	45	1485068	132.276 ppbv #	56
20) Methylene Chloride	2.062	84	9718	1.228 ppbv #	92
21) Allyl Chloride	1.962	41	7172	0.514 ppbv #	23
23) Vinyl Acetate	2.454	43	17524	2.142 ppbv #	82
25) Ethyl Acetate	2.826	43	36321	0.729 ppbv #	83
26) Hexane	2.826	57	54108	2.683 ppbv #	32
27) Carbon Disulfide	2.149	76	930	0.043 ppbv #	2
29) Chloroform	2.852	83	5846	0.205 ppbv	85
32) 1,1,1-Trichloroethane	3.370	97	1105	0.034 ppbv #	77
34) 2-Butanone	2.560	43	20685	0.739 ppbv	98
35) Carbon Tetrachloride	3.761	117	2133	0.067 ppbv #	67
36) Benzene	3.658	78	6728	0.176 ppbv #	92
37) 1,2-Dichloroethane	3.217	62	697	0.030 ppbv	99
39) 1,2-Dichloropropane	3.959	63	94322	6.626 ppbv #	22
40) 1,4-Dioxane	4.596	88	4501	0.575 ppbv #	34
41) Tetrahydrofuran	3.072	42	1092	0.067 ppbv	91
44) 2,2,4-Trimethylpentane	4.642	57	7803	0.118 ppbv #	56
51) 2-Hexanone	7.438	43	31778	0.761 ppbv #	27
53) Toluene	6.936	91	40500	0.884 ppbv	97
58) Ethyl Benzene	9.354	91	315931	5.010 ppbv	99
59) m/p-Xylene	9.532	91	1082733	21.313 ppbv	100
60) o-Xylene	9.963	91	207265	4.051 ppbv	98
61) Styrene	9.869	104	1788	0.073 ppbv #	26
64) n-propylbenzene	10.992	120	602	0.032 ppbv #	17
65) tert-Butylbenzene	11.536	119	3938	0.057 ppbv #	92
69) p-Isopropyltoluene	11.927	119	5290	0.063 ppbv #	86
70) n-Butylbenzene	12.287	91	2923	0.034 ppbv #	72
72) 4-Ethyltoluene	11.128	105	2922	0.047 ppbv #	56
73) 1,3,5-Trimethylbenzene	11.202	105	6133	0.111 ppbv	90
74) 1,2,4-Trimethylbenzene	11.536	105	17646	0.274 ppbv #	70

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042359.D
Acq On : 17 Apr 2025 16:12
Operator : SY/MD
Sample : Q1665-15
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Quant Time: Apr 18 02:37:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) 1,4-Dichlorobenzene	11.675	146	1179	0.035 ppbv	82
77) 1,2-Dichlorobenzene	11.943	146	1149	0.035 ppbv	86
79) Naphthalene	13.513	128	10816	0.140 ppbv	97
80) Naphthalene,2-methyl-	14.588	142	1898	0.043 ppbv	92
81) 1,2,4-Trichlorobenzene	13.442	180	2886	0.087 ppbv	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042359.D
Acq On : 17 Apr 2025 16:12
Operator : SY/MD
Sample : Q1665-15
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Quant Time: Apr 18 02:37:51 2025
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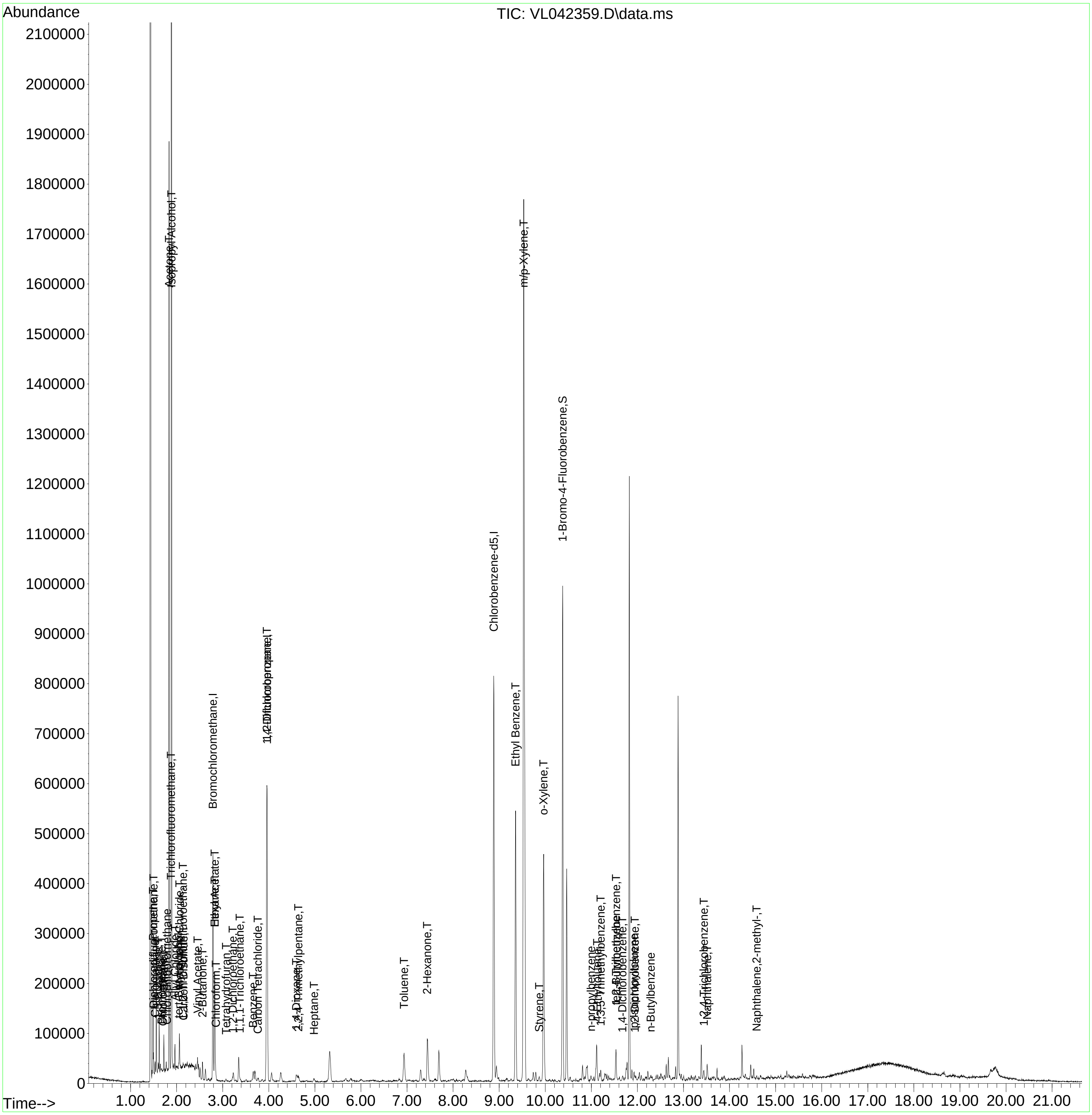
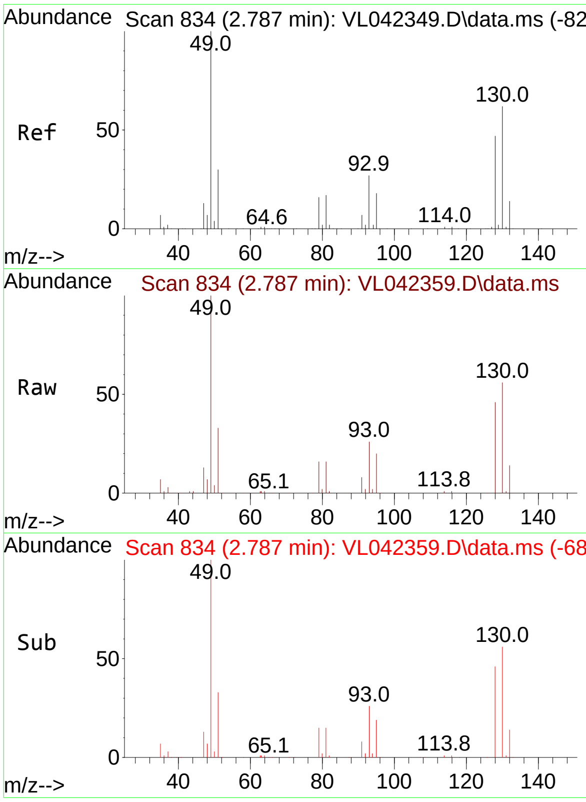


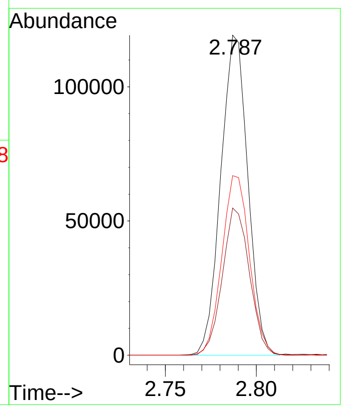


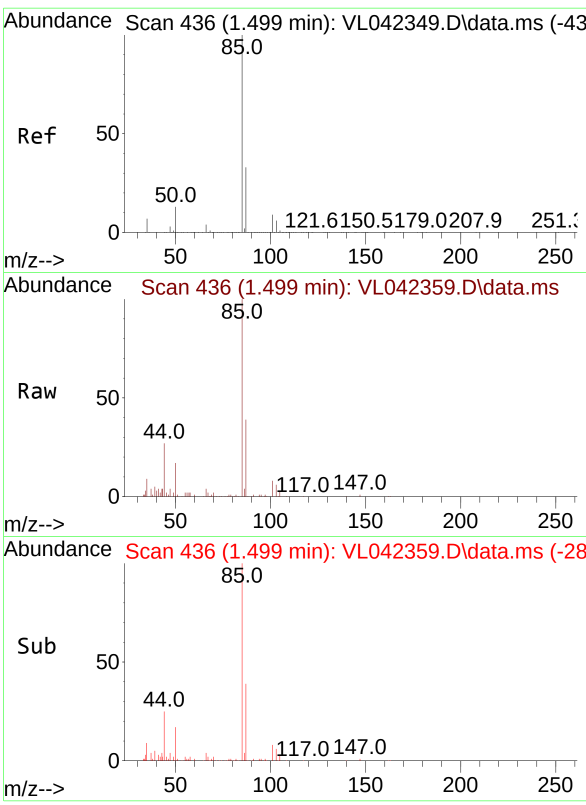
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. -0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 49 Resp: 123457

Ion	Ratio	Lower	Upper
49	100		
128	46.0	22.8	68.4
130	57.2	29.3	88.0

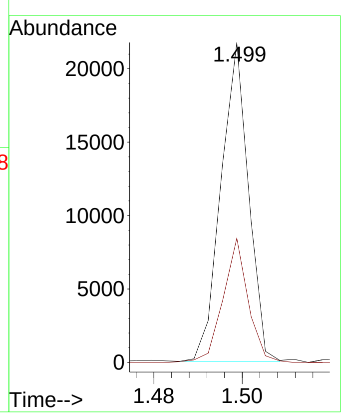


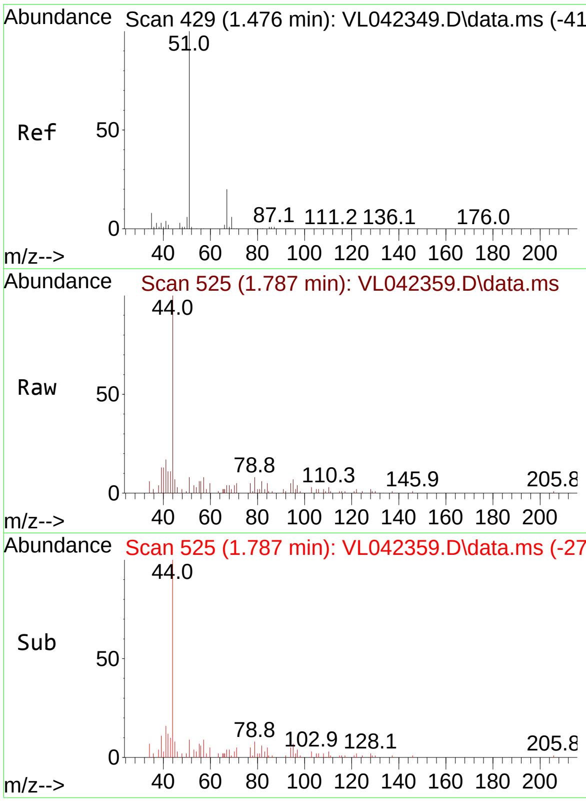


#2
Dichlorodifluoromethane
Concen: 0.431 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 85 Resp: 9411

Ion	Ratio	Lower	Upper
85	100		
87	38.7	26.6	39.8



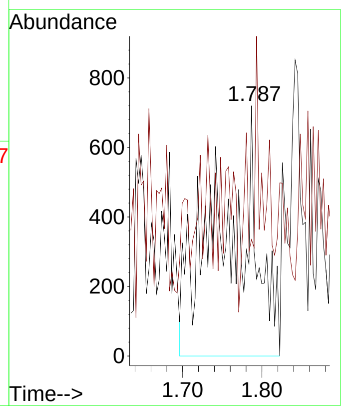


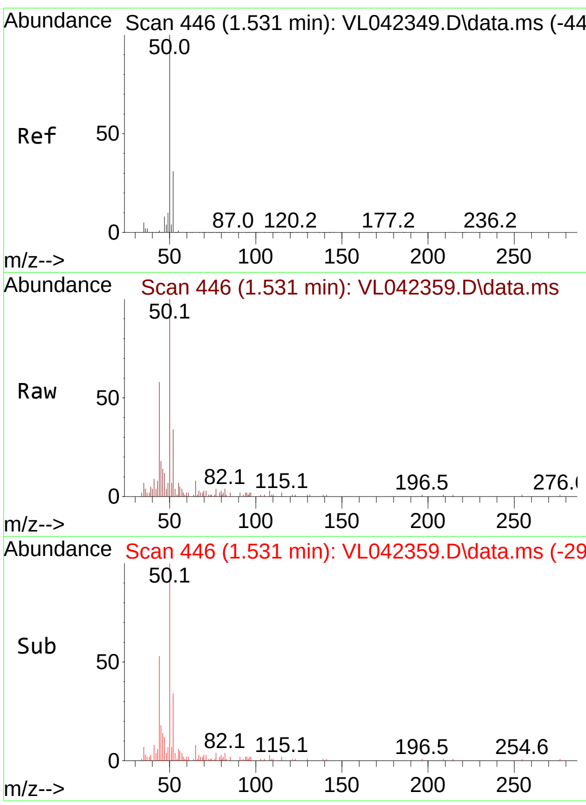
#3
Chlorodifluoromethane
Concen: 0.109 ppbv
RT: 1.787 min Scan# 5
Delta R.T. 0.311 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 51 Resp: 2267

Ion	Ratio	Lower	Upper
51	100		
67	23.0	16.2	24.4

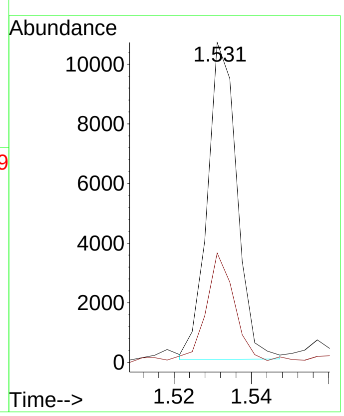


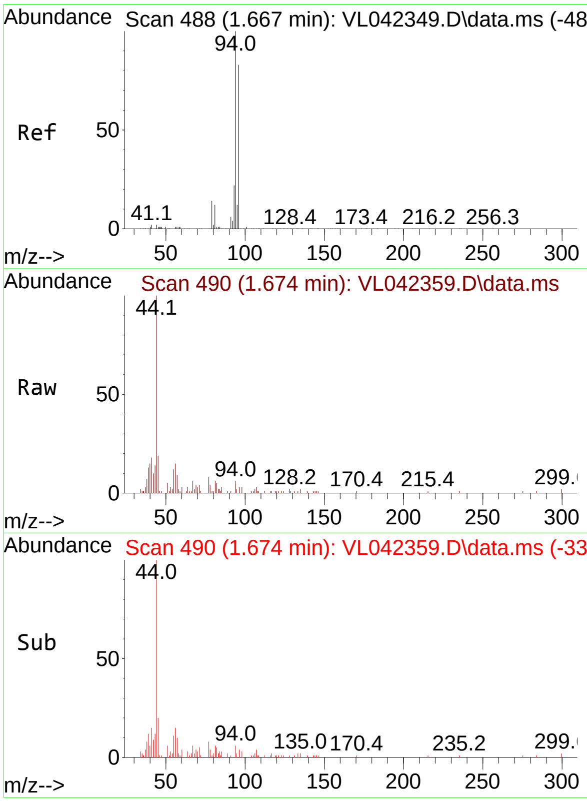


#4
Chloromethane
Concen: 0.657 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 50 Resp: 5667

Ion	Ratio	Lower	Upper
50	100		
52	33.3	24.7	37.1





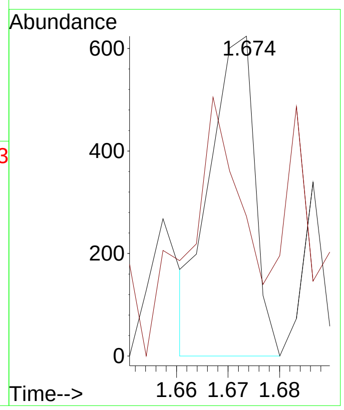
#6
Bromomethane
Concen: 0.093 ppbv
RT: 1.674 min   Scan# 4

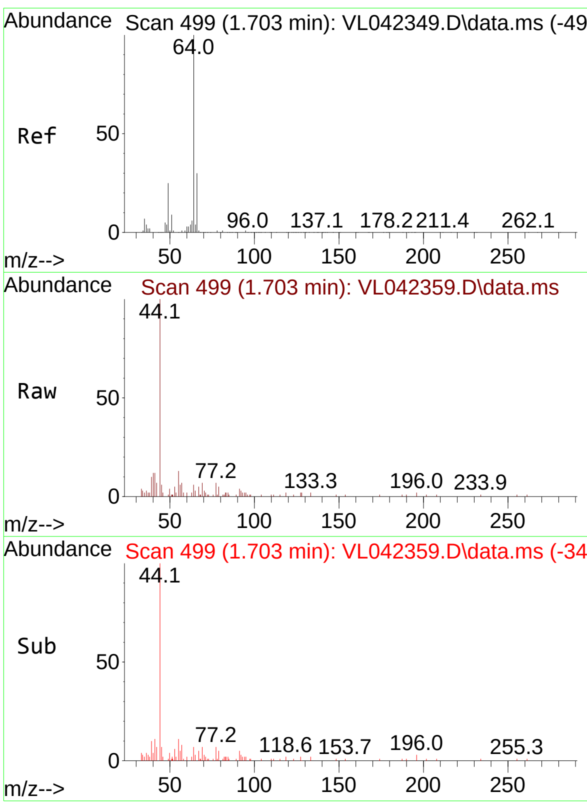
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Delta R.T.   0.006 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Tgt Ion: 94 Resp: 376

Ion	Ratio	Lower	Upper
94	100		
96	13.9	66.2	99.2#

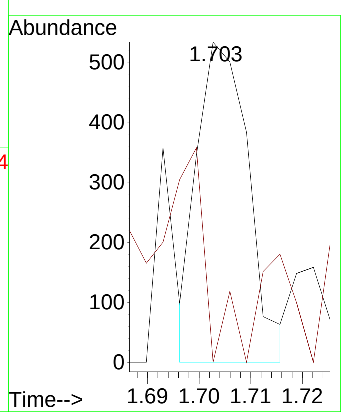


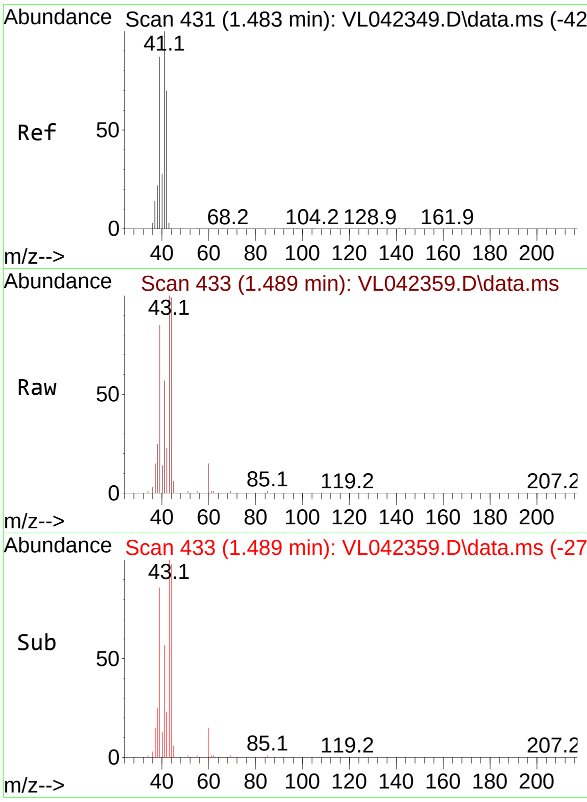


#7
Chloroethane
Concen: 0.109 ppbv
RT: 1.703 min   Scan# 499
Delta R.T.   0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Tgt Ion: 64 Resp: 369

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



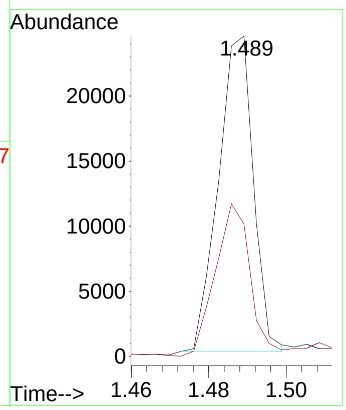


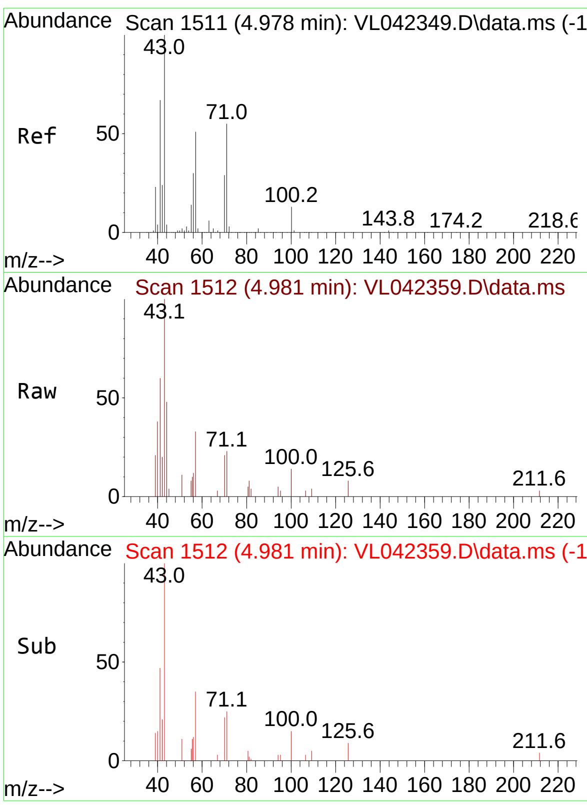
#9
Propene
Concen: 1.605 ppbv
RT: 1.489 min Scan# 4
Delta R.T. 0.006 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 41 Resp: 15185

Ion	Ratio	Lower	Upper
41	100		
42	57.1	56.2	84.4

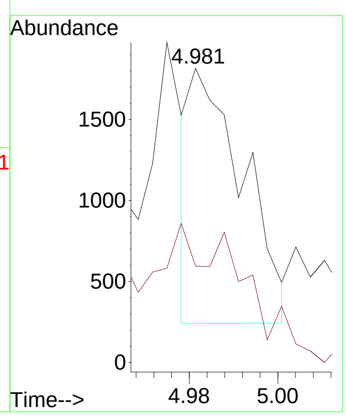


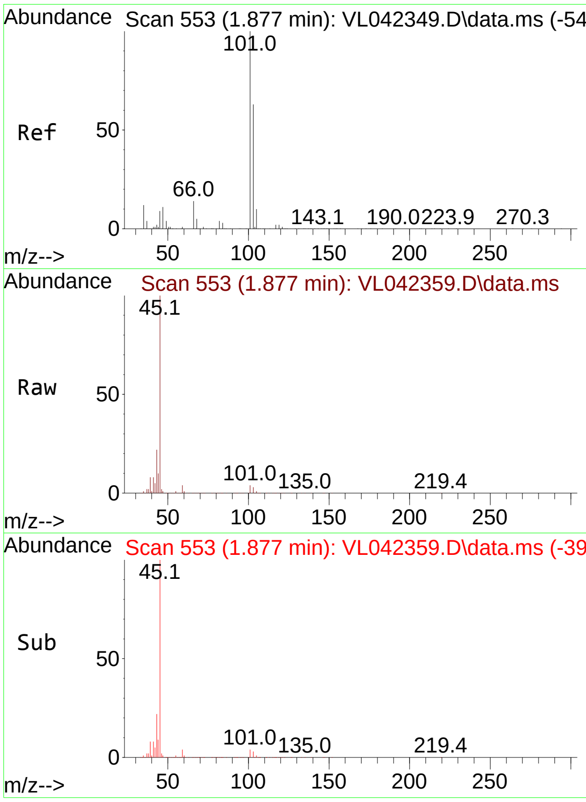


#10
Heptane
Concen: 0.050 ppbv
RT: 4.981 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 43 Resp: 1318

Ion	Ratio	Lower	Upper
43	100		
57	135.1	39.9	59.9#



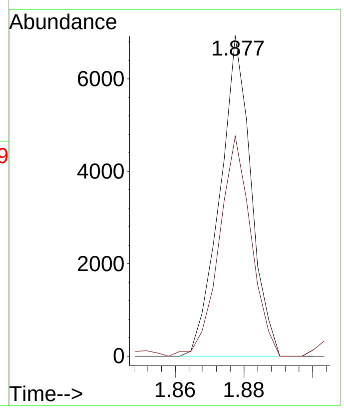


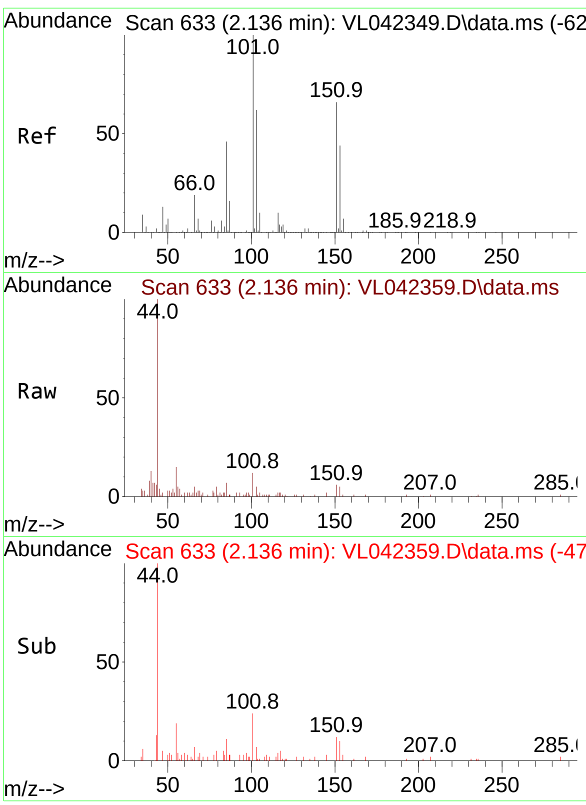
#11
Trichlorofluoromethane
Concen: 0.211 ppbv
RT: 1.877 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:101 Resp: 4367

Ion	Ratio	Lower	Upper
101	100		
103	68.8	50.1	75.1

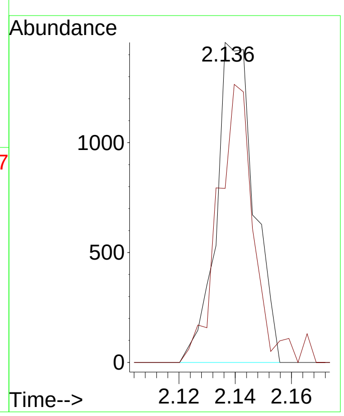


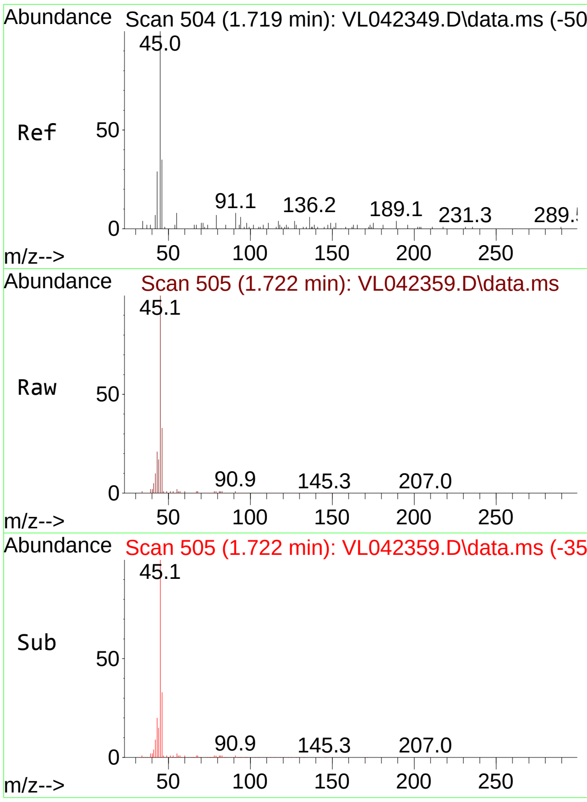


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.080 ppbv
RT: 2.136 min Scan# 633
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:101 Resp: 1357

Ion	Ratio	Lower	Upper
101	100		
151	83.0	57.0	85.6



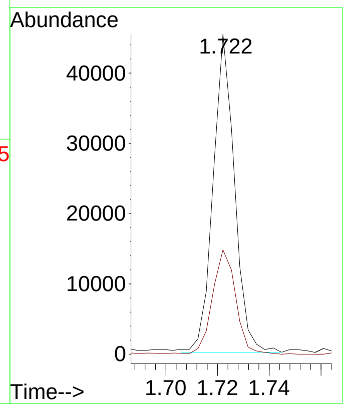


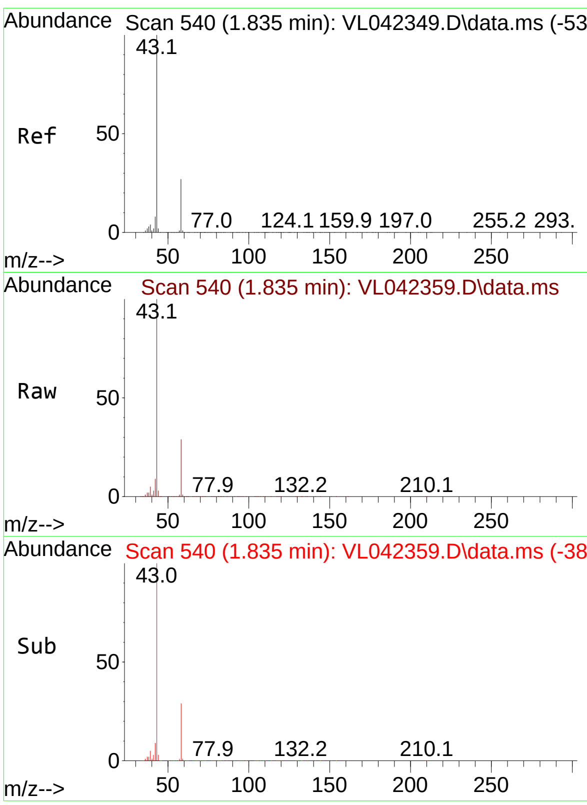
#13
Ethanol
Concen: 17.253 ppbv
RT: 1.722 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 45 Resp: 25940

Ion	Ratio	Lower	Upper
45	100		
46	36.5	21.9	87.7

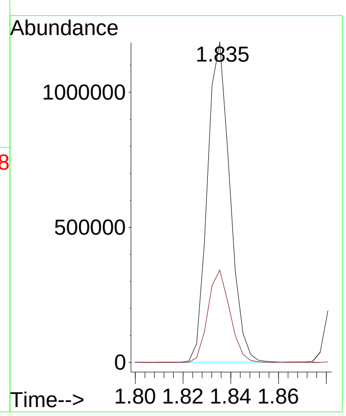


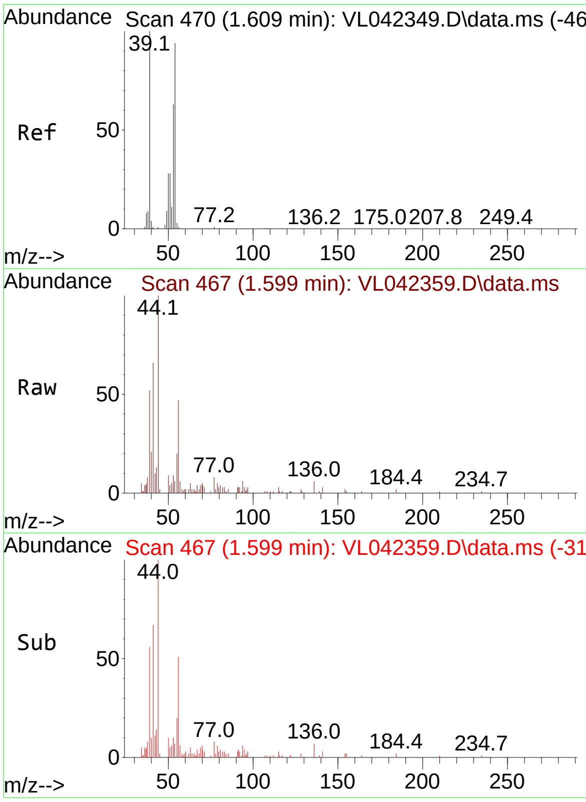


#15
Acetone
Concen: 38.385 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 43 Resp: 775779

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.4	33.6



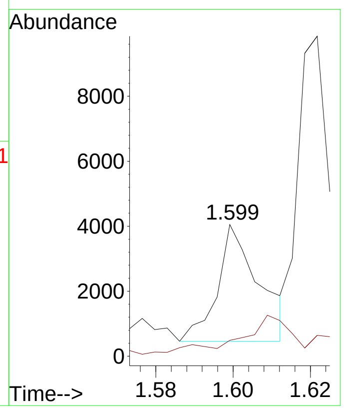


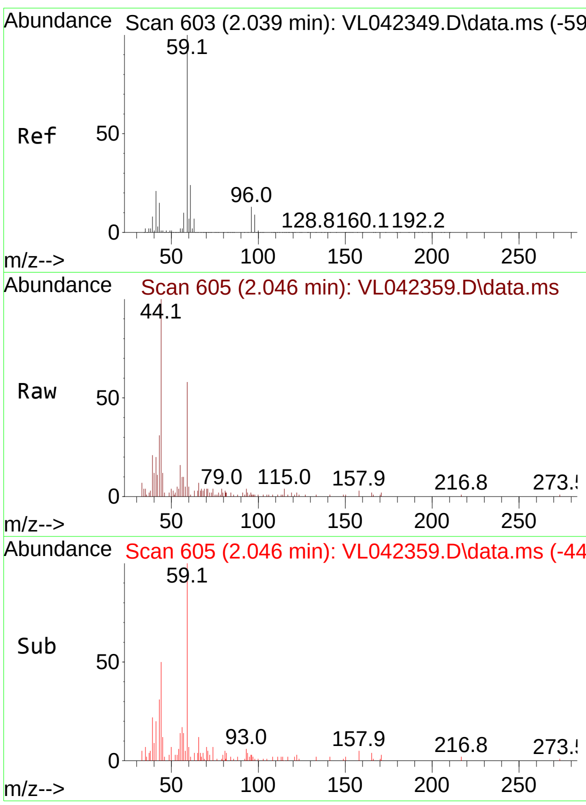
#16
1,3-Butadiene
Concen: 0.276 ppbv
RT: 1.599 min Scan# 4
Delta R.T. -0.010 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 39 Resp: 2667

Ion	Ratio	Lower	Upper
39	100		
54	59.2	64.9	97.3#

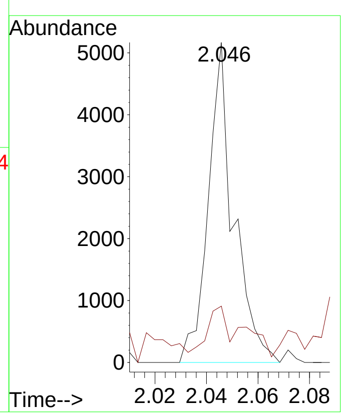


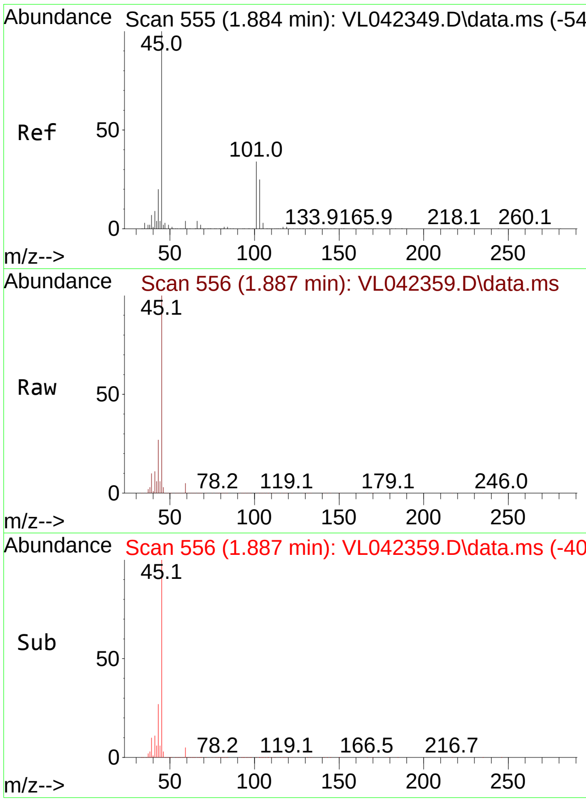


#17
tert-Butyl alcohol
Concen: 0.141 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.006 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 59 Resp: 3528

Ion	Ratio	Lower	Upper
59	100		
57	20.6	8.7	13.1#



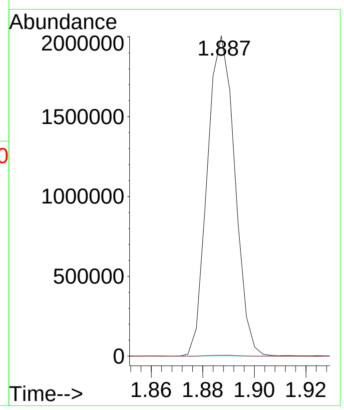


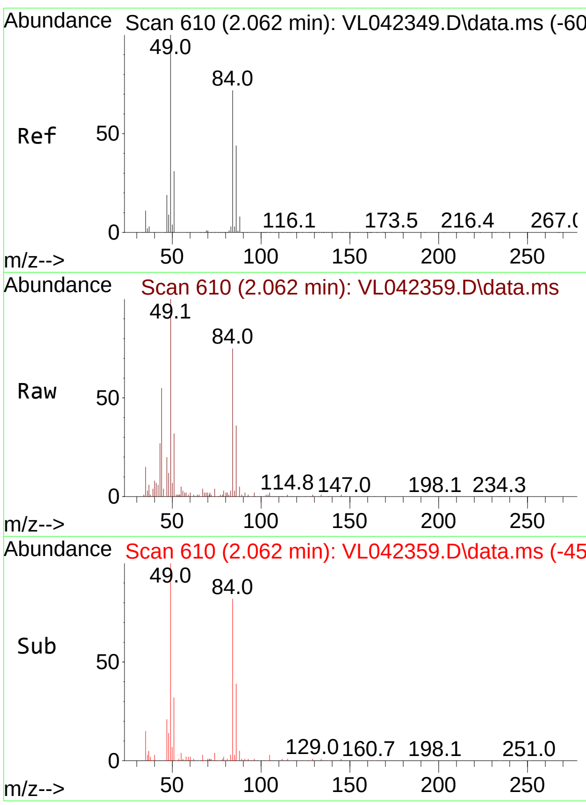
#19
Isopropyl Alcohol
Concen: 132.276 ppbv
RT: 1.887 min Scan# 5
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 45 Resp: 1485068

Ion	Ratio	Lower	Upper
45	100		
58	14.8	34.5	51.7#

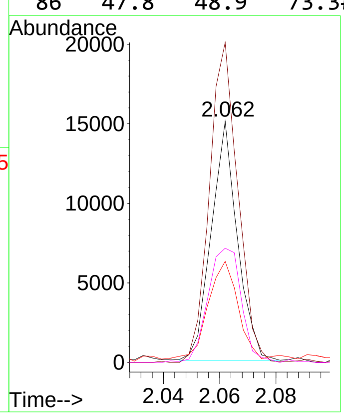


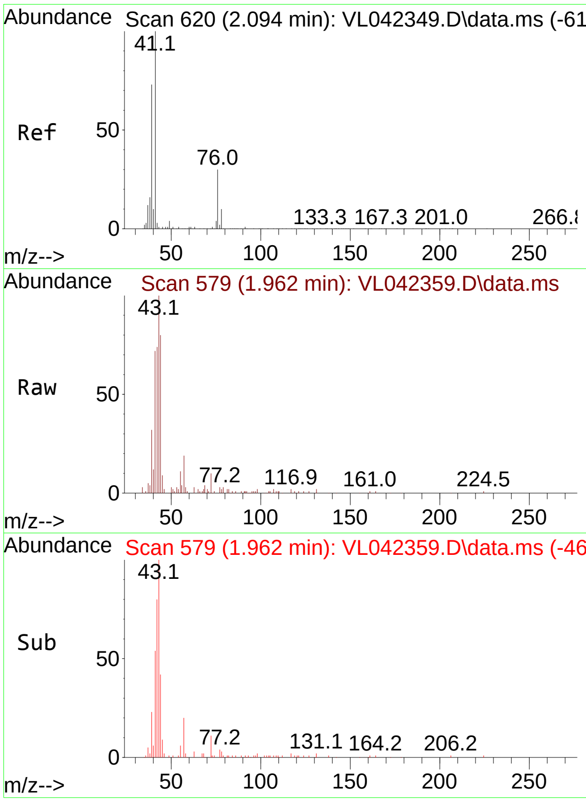


#20
Methylene Chloride
Concen: 1.228 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 84 Resp: 9718

Ion	Ratio	Lower	Upper
84	100		
49	134.0	111.6	167.4
51	39.7	35.1	52.7
86	47.8	48.9	73.3#





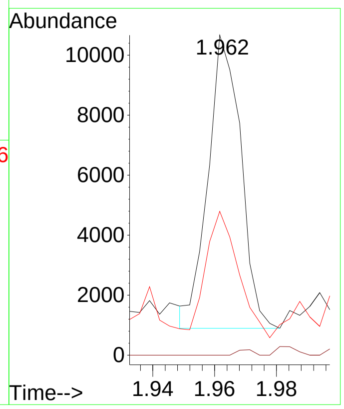
#21
Allyl Chloride
Concen: 0.514 ppbv
RT: 1.962 min Scan# 5

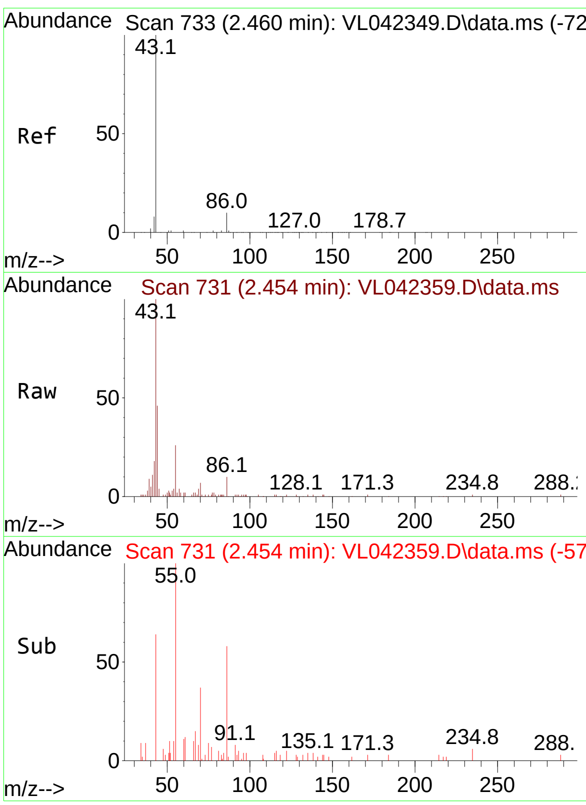
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Delta R.T. -0.133 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 41 Resp: 7172

Ion	Ratio	Lower	Upper
41	100		
76	3.6	24.8	37.2#
39	0.0	60.6	90.8#

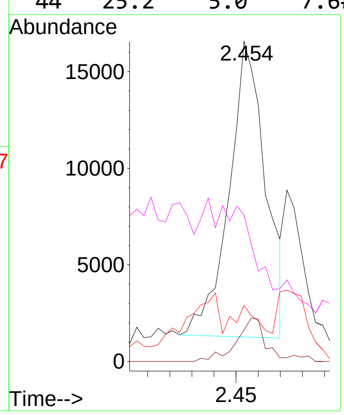


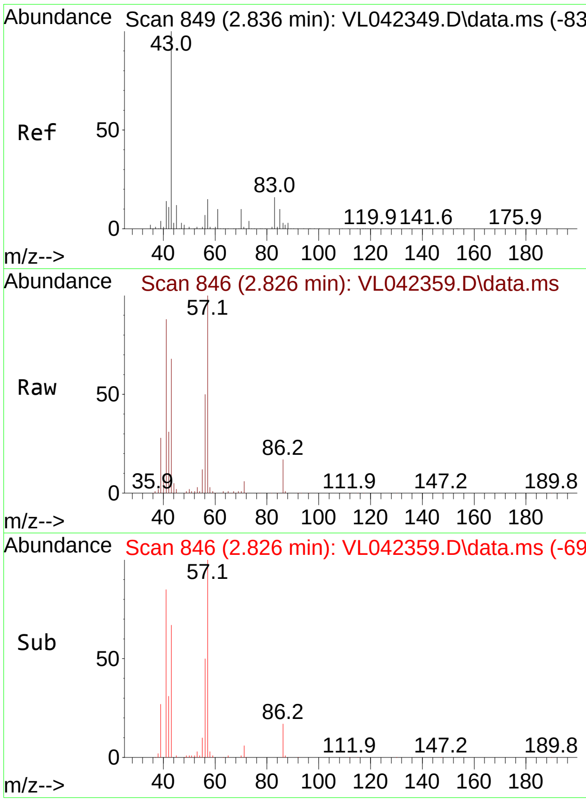


#23
Vinyl Acetate
Concen: 2.142 ppbv
RT: 2.454 min Scan# 731
Delta R.T. -0.006 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 43 Resp: 17524

Ion	Ratio	Lower	Upper
43	100		
86	10.8	6.5	9.7#
42	9.4	7.8	11.8
44	25.2	5.0	7.6#



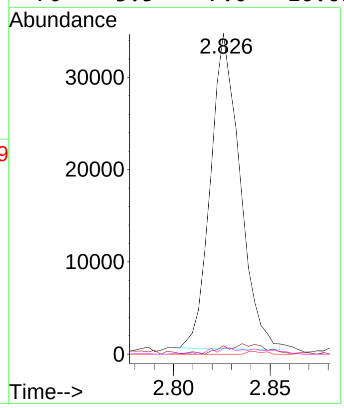


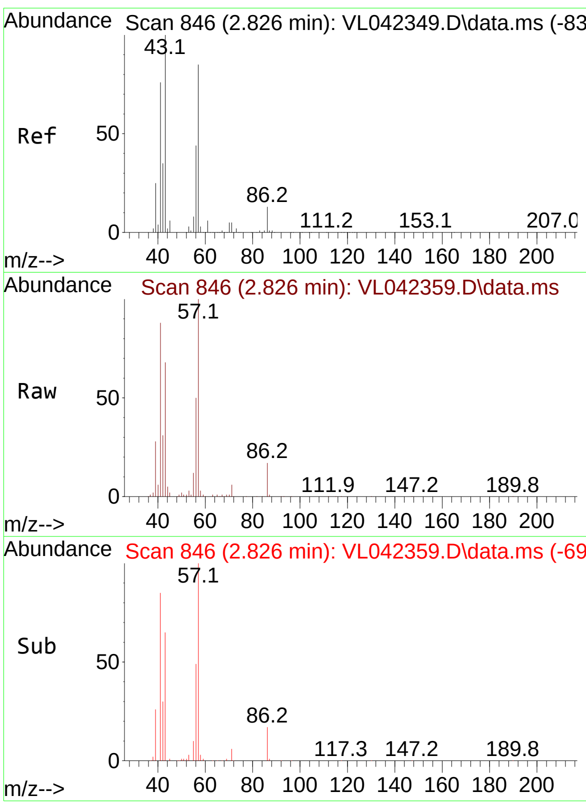
#25
Ethyl Acetate
Concen: 0.729 ppbv
RT: 2.826 min Scan# 84
Delta R.T. -0.010 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 43 Resp: 36321

Ion	Ratio	Lower	Upper
43	100		
45	5.5	8.3	12.5#
61	0.5	7.3	10.9#
70	3.5	7.0	10.6#

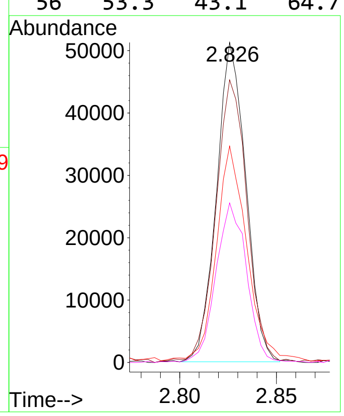


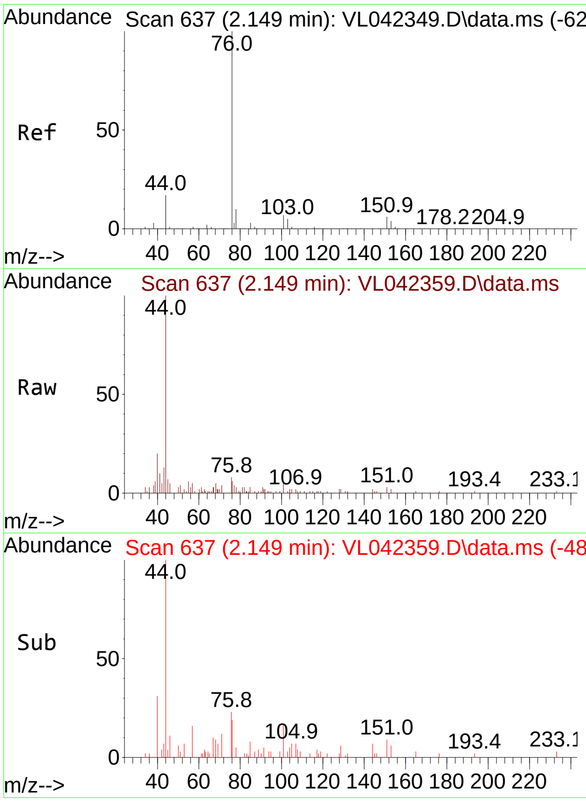


#26
Hexane
Concen: 2.683 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 57 Resp: 54108

Ion	Ratio	Lower	Upper
57	100		
41	93.4	77.9	116.9
43	70.0	208.4	312.6#
56	53.3	43.1	64.7



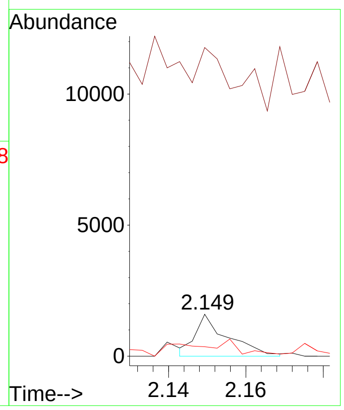


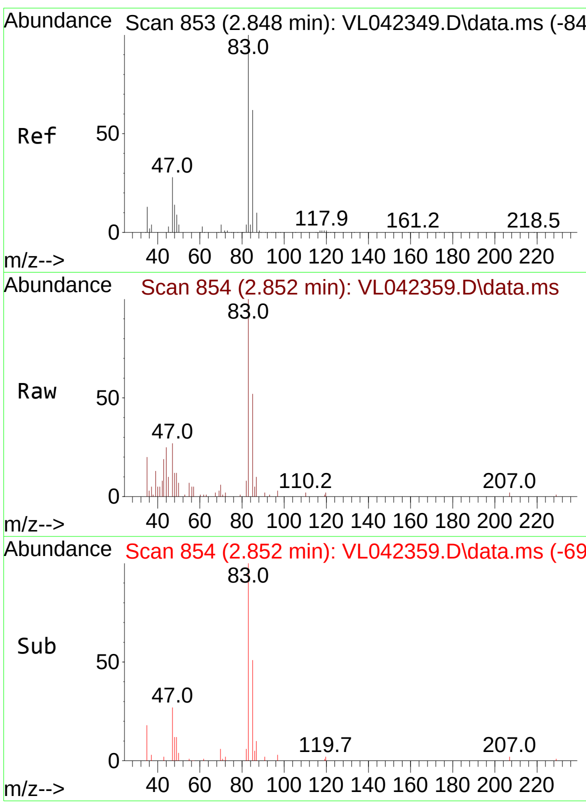
#27
Carbon Disulfide
Concen: 0.043 ppbv
RT: 2.149 min Scan# 6
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 76 Resp: 930

Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.5	23.3#
78	84.5	9.3	13.9#

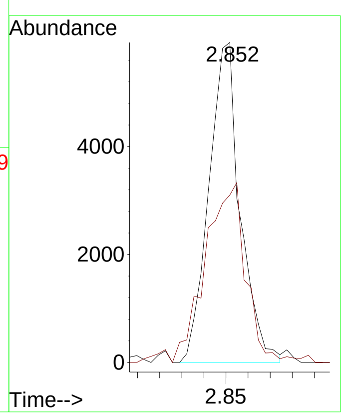


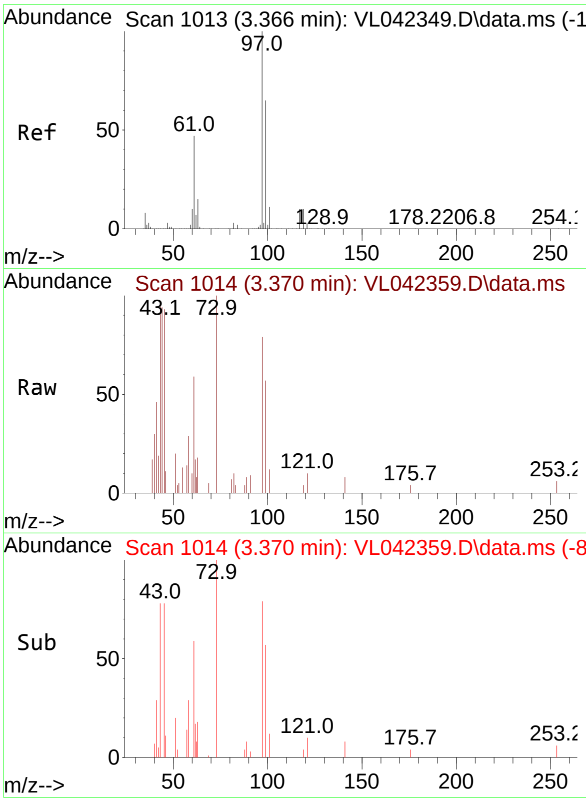


#29
Chloroform
Concen: 0.205 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 83 Resp: 5846

Ion	Ratio	Lower	Upper
83	100		
85	51.1	50.0	75.0



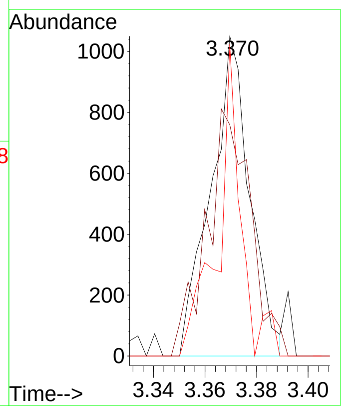


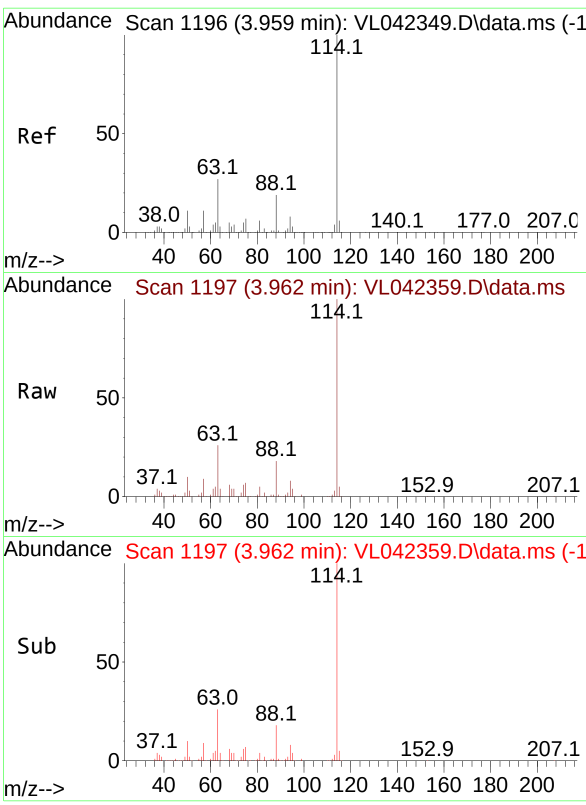
#32
1,1,1-Trichloroethane
Concen: 0.034 ppbv
RT: 3.370 min   Scan# 1
Delta R.T.   0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 97 Resp: 1105

Ion	Ratio	Lower	Upper
97	100		
99	86.6	51.0	76.4#
61	58.4	38.8	58.2#

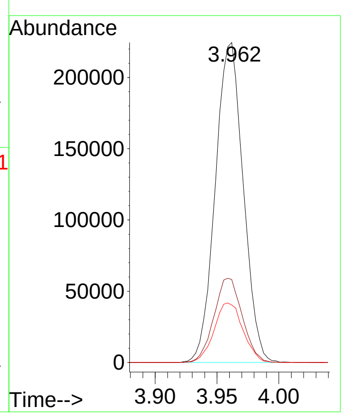


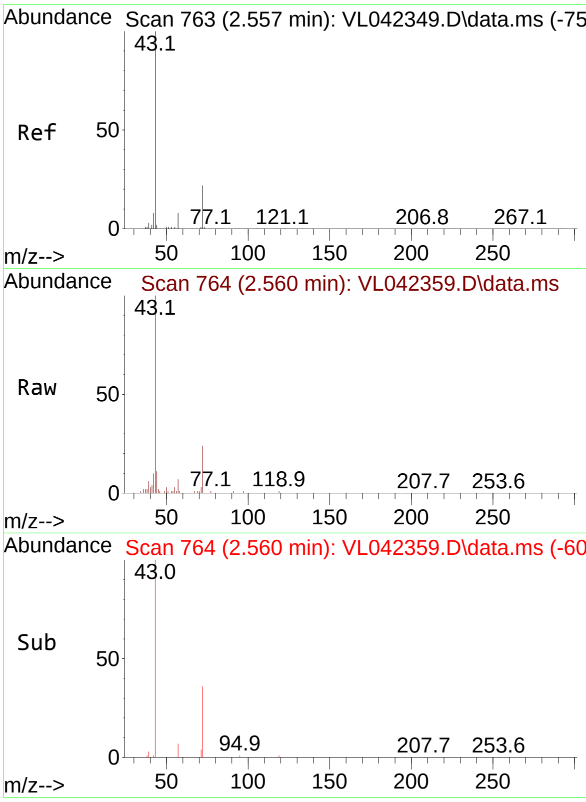


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min   Scan# 1197
Delta R.T.   0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Tgt Ion:114 Resp: 354157

Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.8	32.6
88	19.2	15.5	23.3



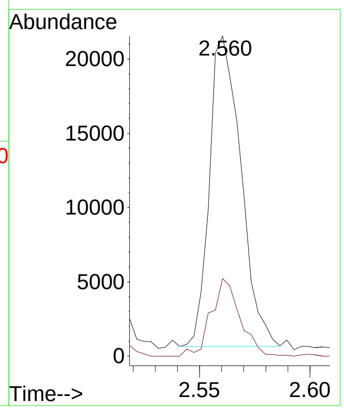


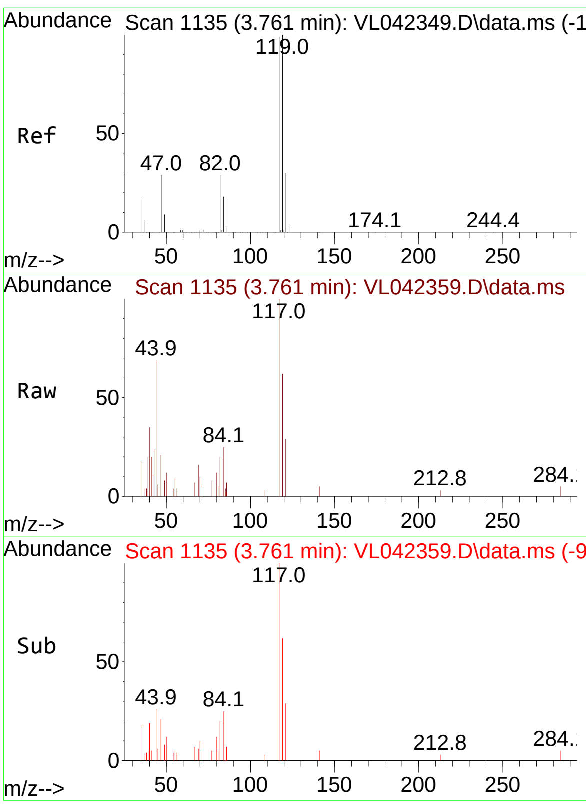
#34
2-Butanone
Concen: 0.739 ppbv
RT: 2.560 min Scan# 7
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 43 Resp: 20685

Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.2	27.2

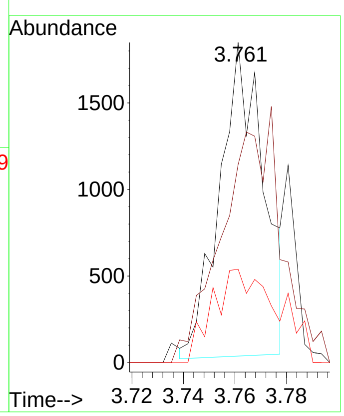


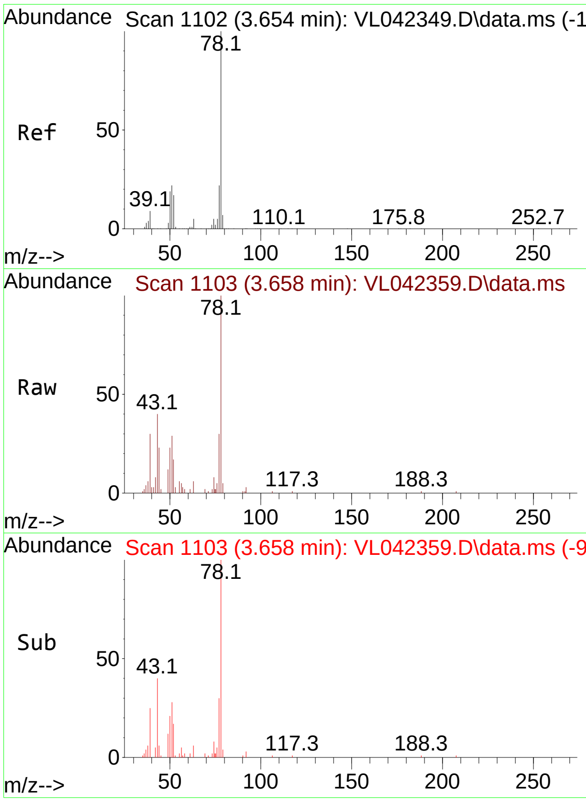


#35
Carbon Tetrachloride
Concen: 0.067 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:117 Resp: 2133

Ion	Ratio	Lower	Upper
117	100		
119	57.3	80.5	120.7#
121	30.5	24.2	36.2



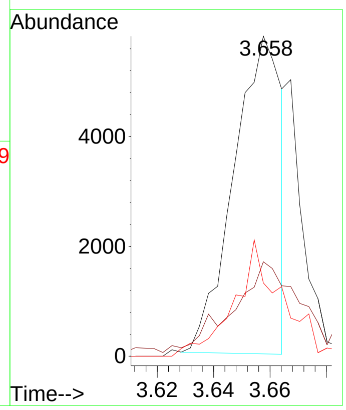


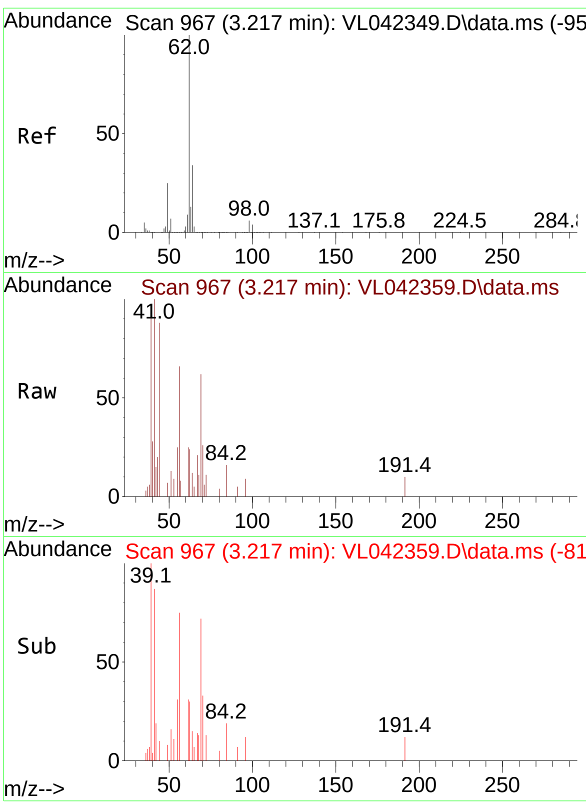
#36
Benzene
Concen: 0.176 ppbv
RT: 3.658 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 78 Resp: 6728

Ion	Ratio	Lower	Upper
78	100		
77	27.2	17.4	26.0#
50	20.8	15.5	23.3

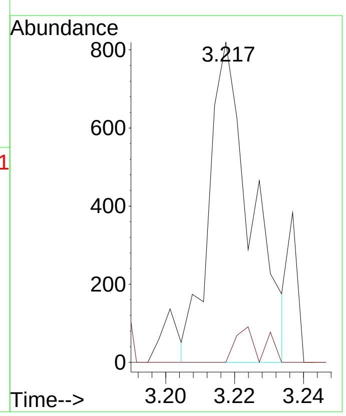


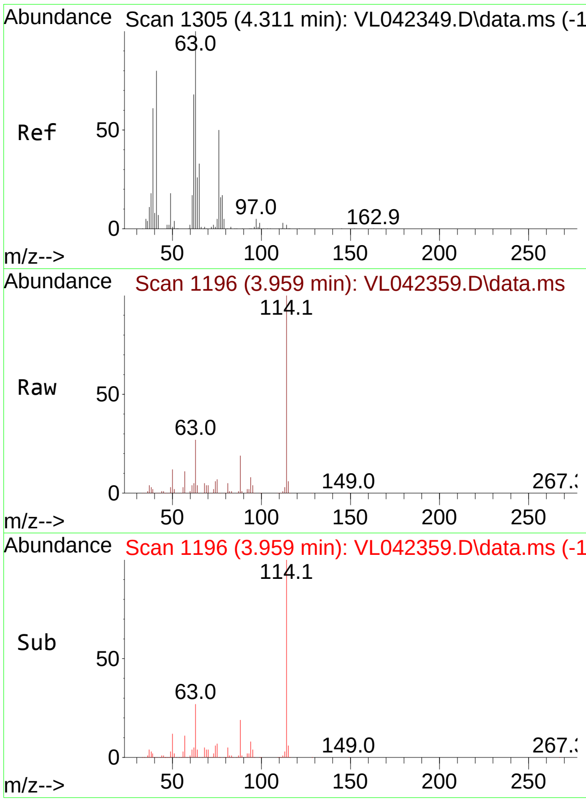


#37
1,2-Dichloroethane
Concen: 0.030 ppbv
RT: 3.217 min Scan# 967
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 62 Resp: 697

Ion	Ratio	Lower	Upper
62	100		
98	6.6	5.1	7.7



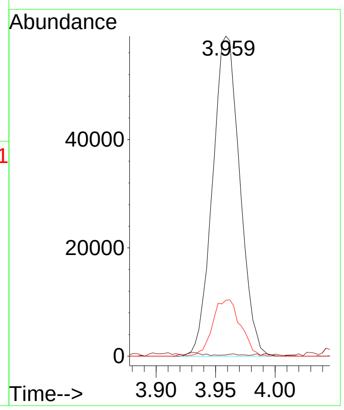


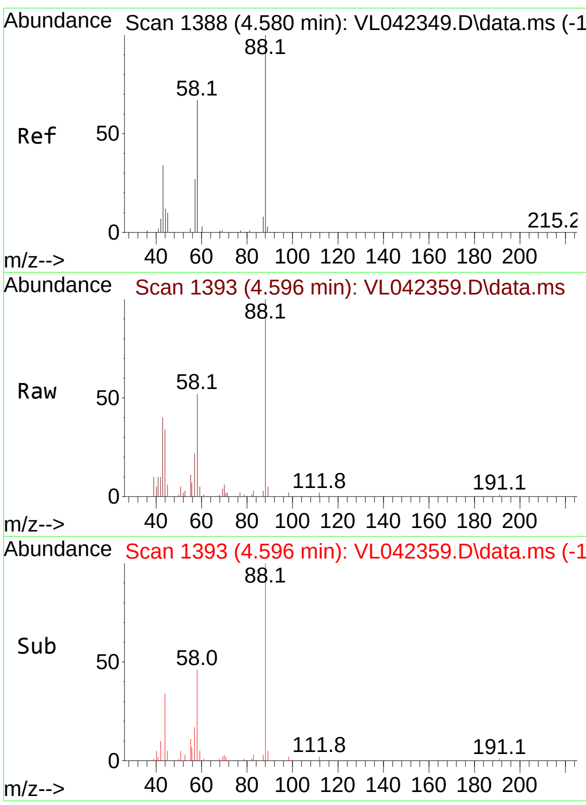
#39
1,2-Dichloropropane
Concen: 6.626 ppbv
RT: 3.959 min   Scan# 1
Delta R.T.   -0.353 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 63 Resp: 94322

Ion	Ratio	Lower	Upper
63	100		
41	0.1	64.2	96.2#
62	17.5	54.3	81.5#

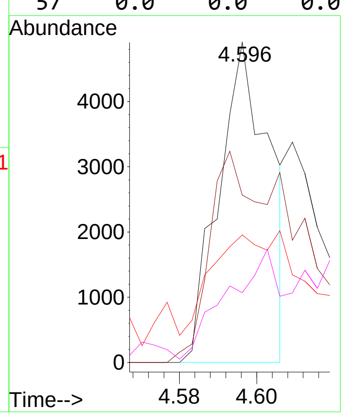


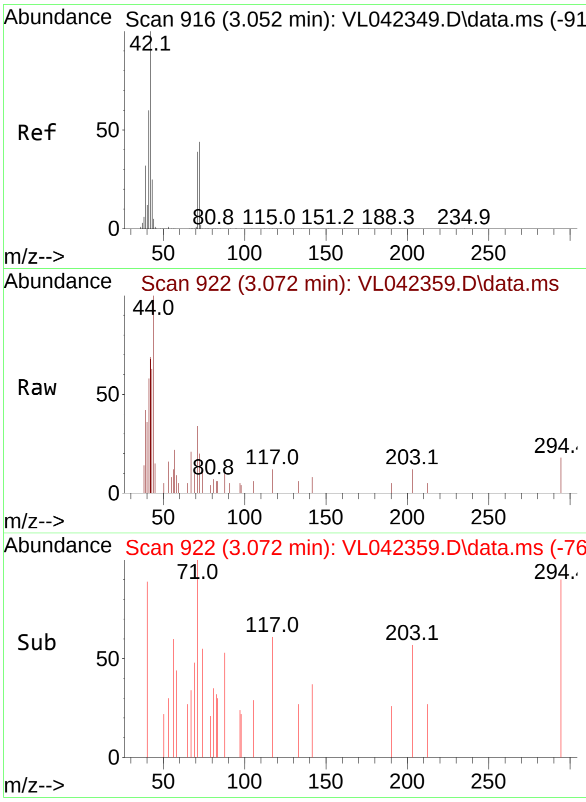


#40
1,4-Dioxane
Concen: 0.575 ppbv
RT: 4.596 min   Scan# 1393
Delta R.T.   0.016 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Tgt Ion: 88 Resp: 4501

Ion	Ratio	Lower	Upper
88	100		
58	140.6	61.4	92.0#
43	5.9	23.2	34.8#
57	0.0	0.0	0.0



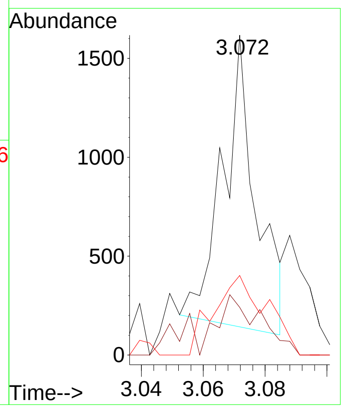


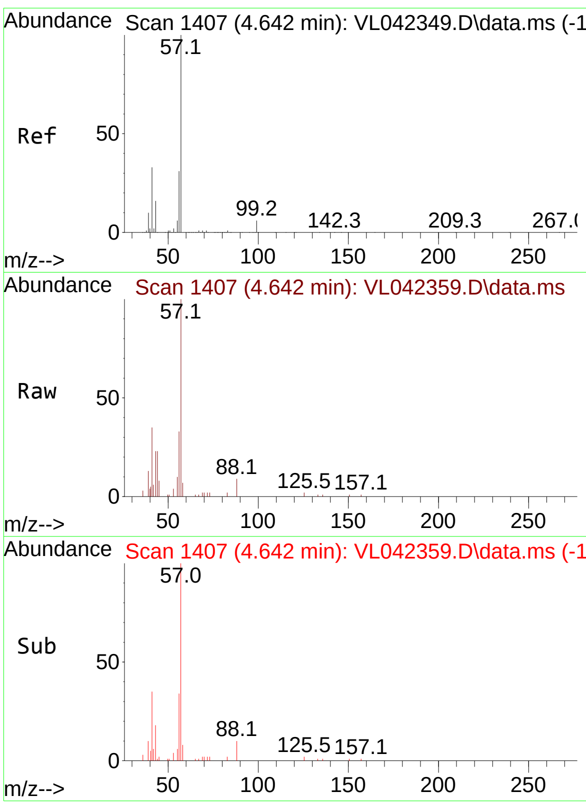
#41
Tetrahydrofuran
Concen: 0.067 ppbv
RT: 3.072 min Scan# 9
Delta R.T. 0.019 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 42 Resp: 1092

Ion	Ratio	Lower	Upper
42	100		
72	35.8	32.3	48.5
71	46.2	31.4	47.2

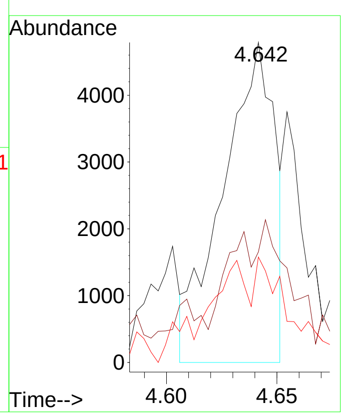


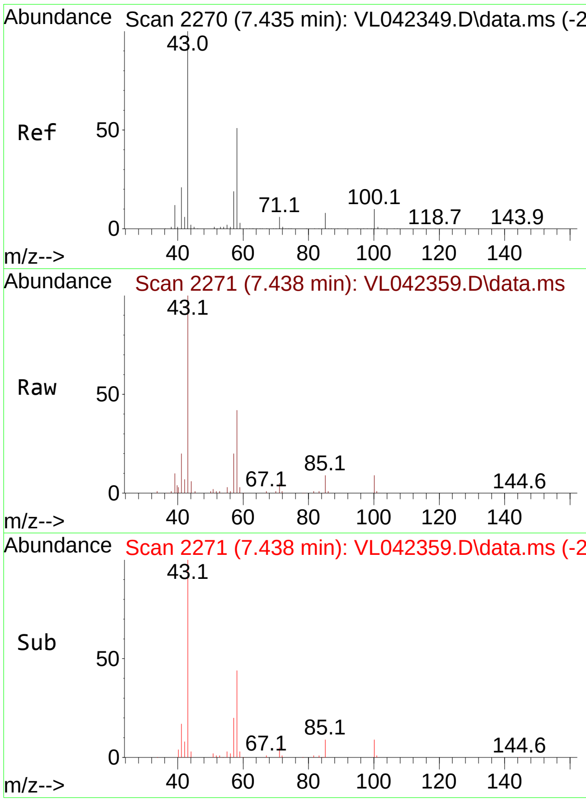


#44
2,2,4-Trimethylpentane
Concen: 0.118 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 57 Resp: 7803

Ion	Ratio	Lower	Upper
57	100		
41	60.9	27.2	40.8#
56	54.8	25.7	38.5#



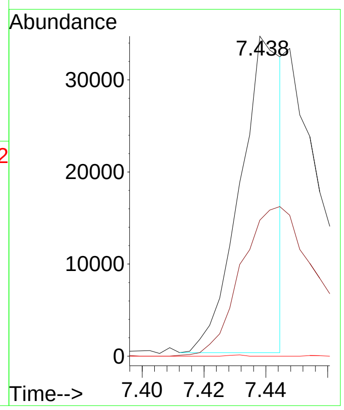


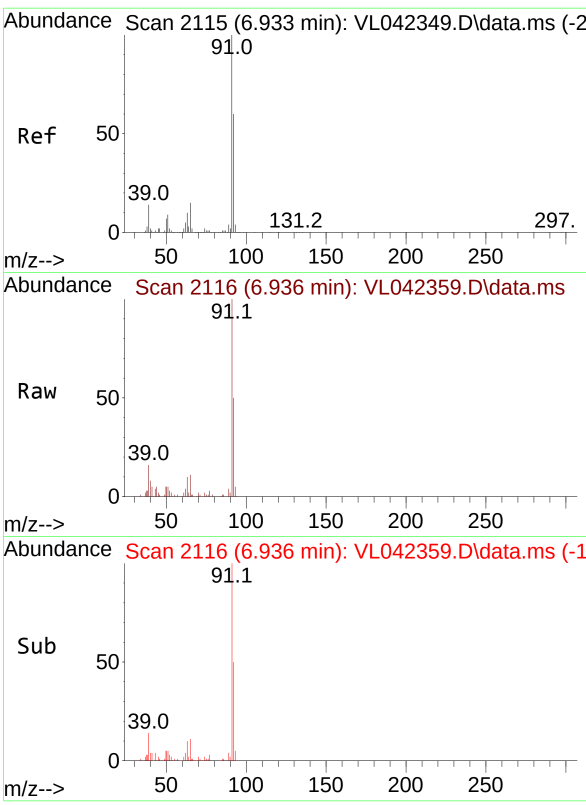
#51
2-Hexanone
Concen: 0.761 ppbv
RT: 7.438 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 43 Resp: 31778

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.2	60.4#
98	0.0	0.1	0.1#

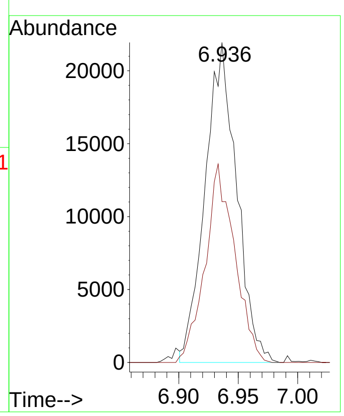


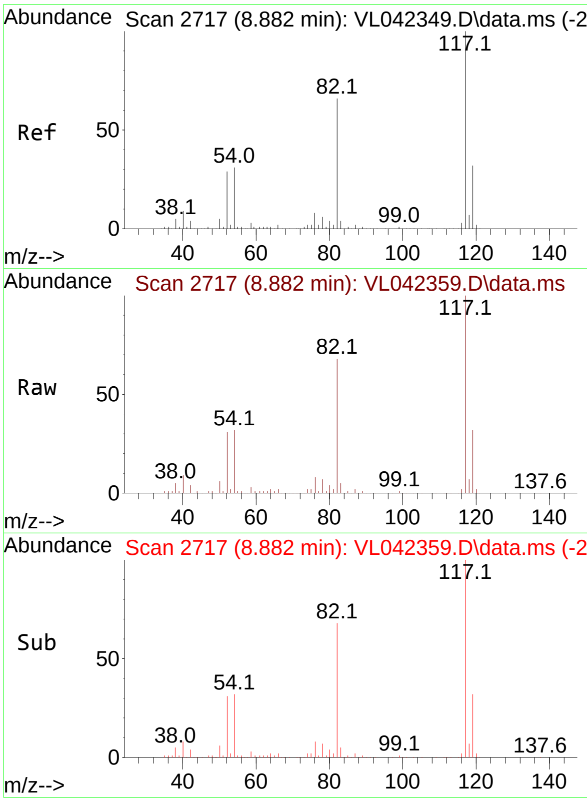


#53
Toluene
Concen: 0.884 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 91 Resp: 40500

Ion	Ratio	Lower	Upper
91	100		
92	58.2	48.2	72.4



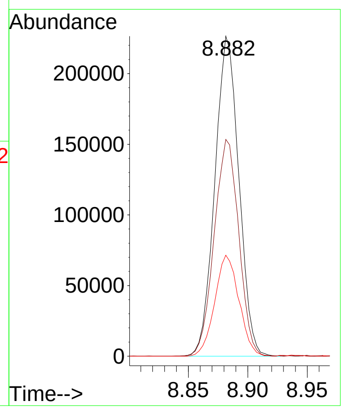


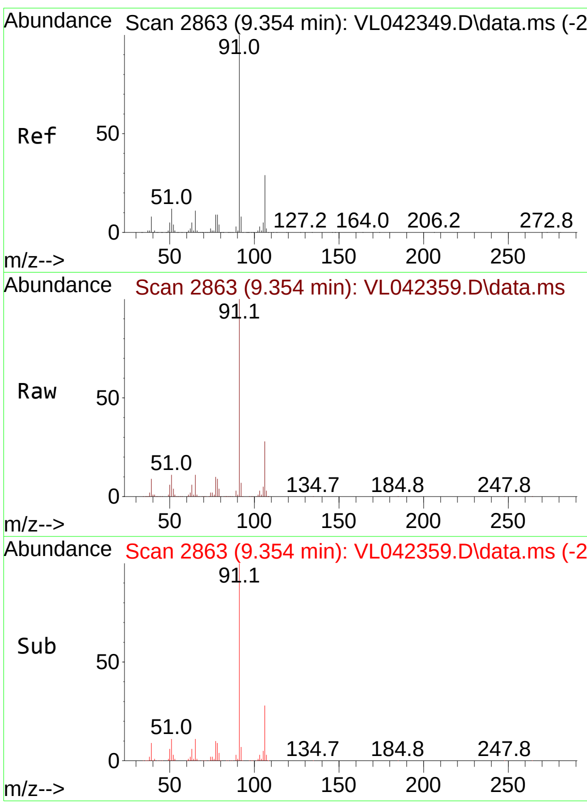
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:117 Resp: 318284

Ion	Ratio	Lower	Upper
117	100		
82	69.4	57.8	86.6
119	31.8	25.2	37.8

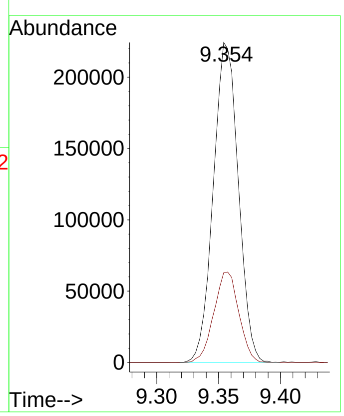


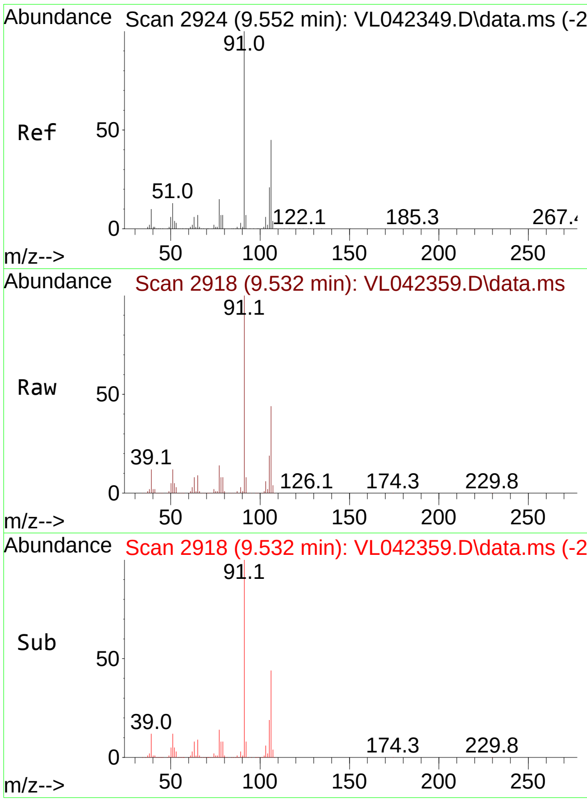


#58
Ethyl Benzene
Concen: 5.010 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 91 Resp: 315931

Ion	Ratio	Lower	Upper
91	100		
106	28.1	23.0	34.4



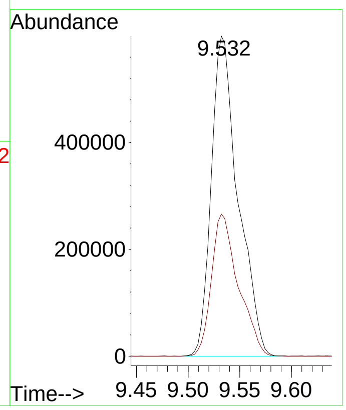


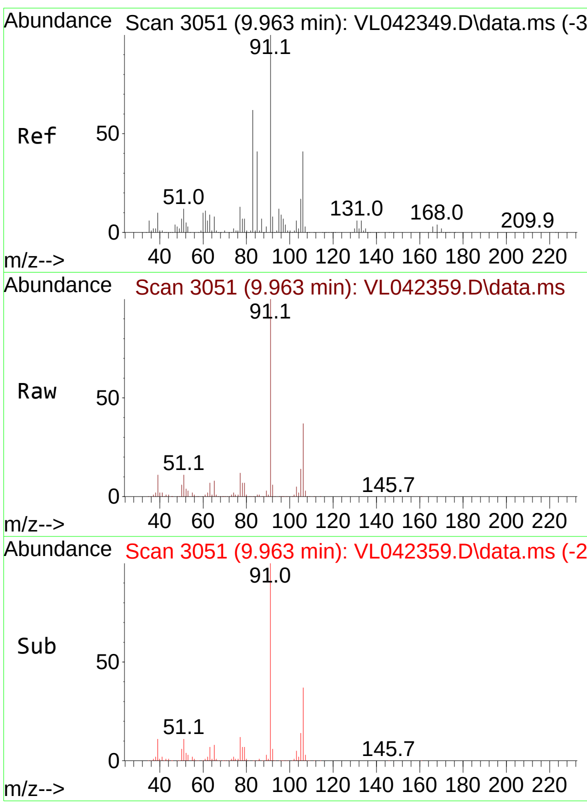
#59
m/p-Xylene
Concen: 21.313 ppbv
RT: 9.532 min   Scan# 29
Delta R.T.   -0.019 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion: 91 Resp: 1082733

Ion	Ratio	Lower	Upper
91	100		
106	44.4	35.4	53.2

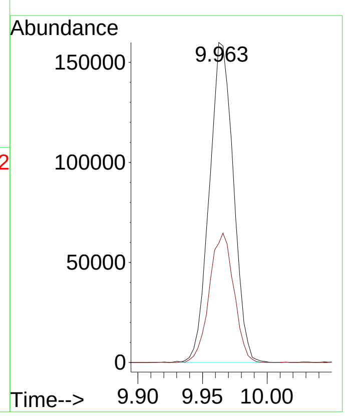


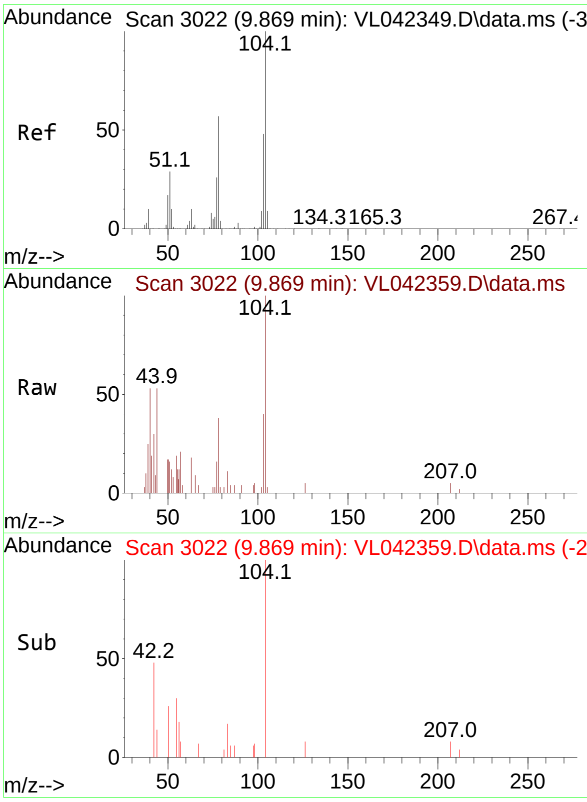


#60
o-Xylene
Concen: 4.051 ppbv
RT: 9.963 min   Scan# 3051
Delta R.T.   0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025   16:12

Tgt Ion: 91 Resp: 207265

Ion	Ratio	Lower	Upper
91	100		
106	41.1	21.1	63.4





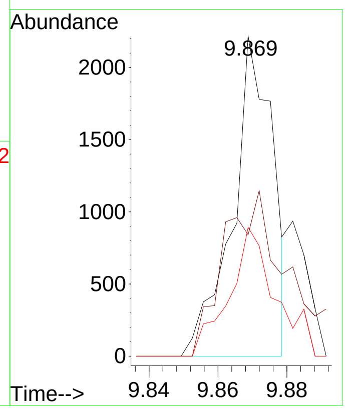
#61
Styrene
Concen: 0.073 ppbv
RT: 9.869 min Scan# 3(

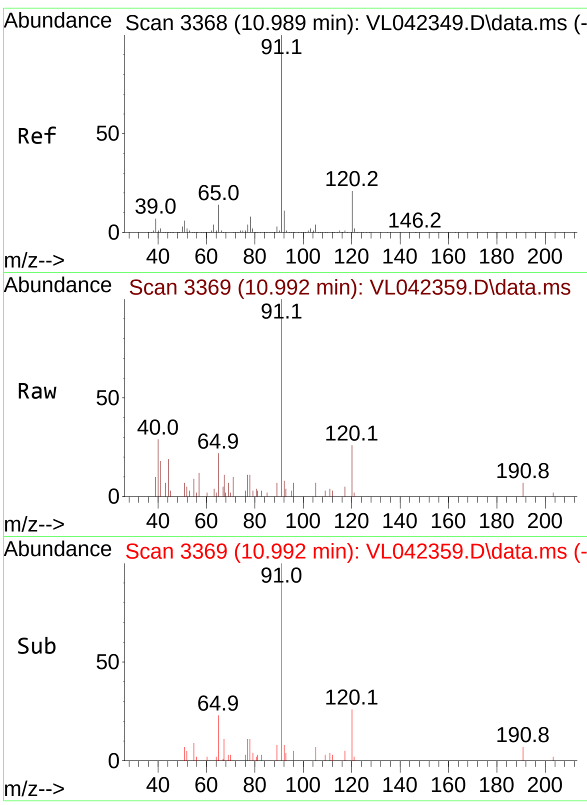
Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:104 Resp: 1788

Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.6	66.8#
103	0.0	37.4	56.0#

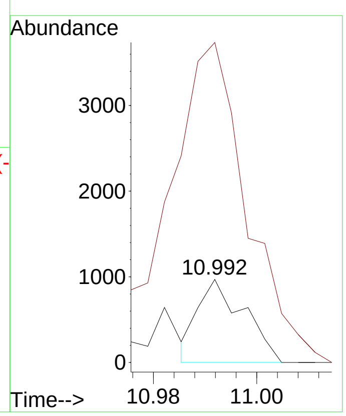


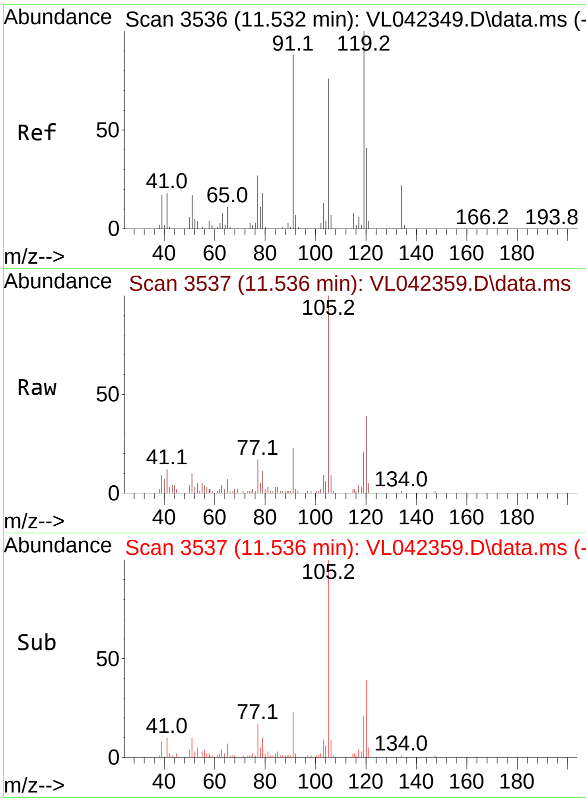


#64
n-propylbenzene
Concen: 0.032 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:120 Resp: 602

Ion	Ratio	Lower	Upper
120	100		
91	715.9	392.4	588.6#



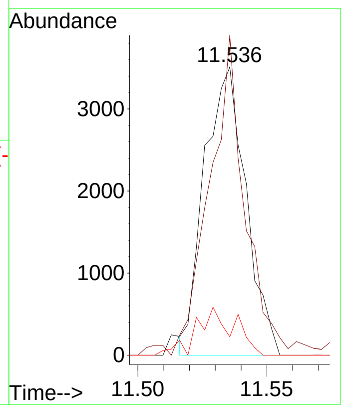


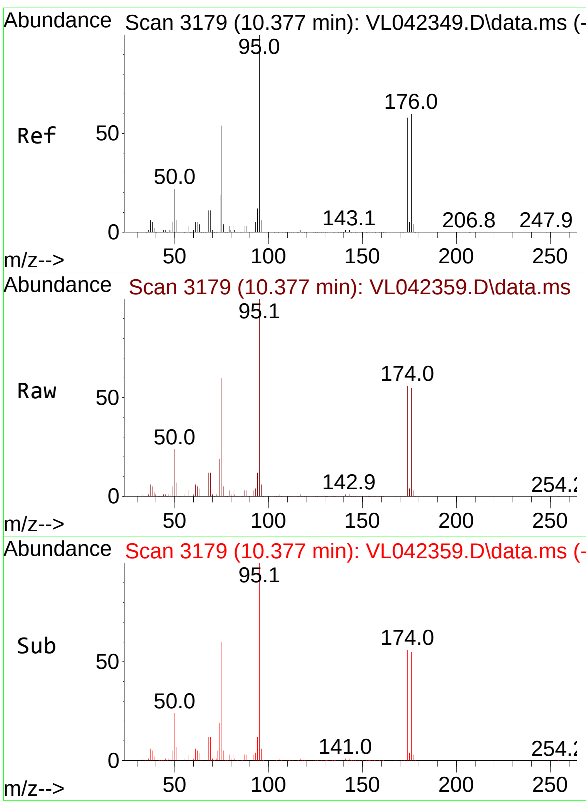
#65
tert-Butylbenzene
Concen: 0.057 ppbv
RT: 11.536 min Scan# 3
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:119 Resp: 3938

Ion	Ratio	Lower	Upper
119	100		
91	98.7	74.6	111.8
134	15.2	18.8	28.2#

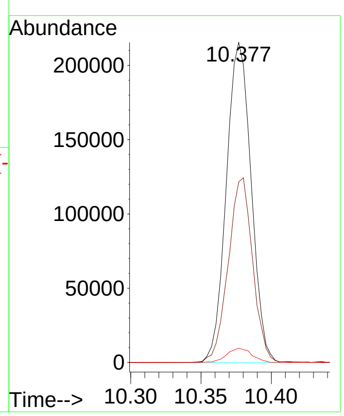


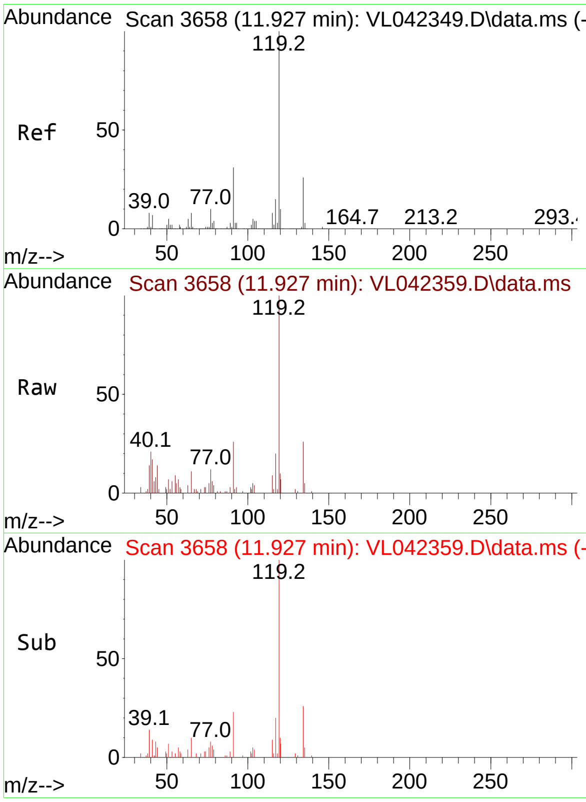


#68
1-Bromo-4-Fluorobenzene
Concen: 10.142 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 95 Resp: 265265

Ion	Ratio	Lower	Upper
95	100		
174	56.8	48.5	72.7
175	4.4	3.7	5.5



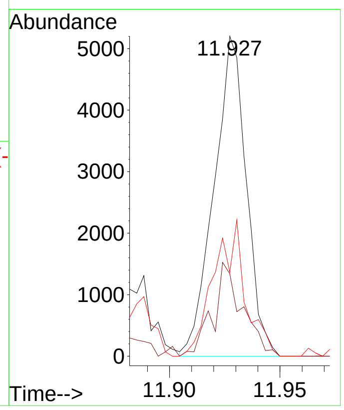


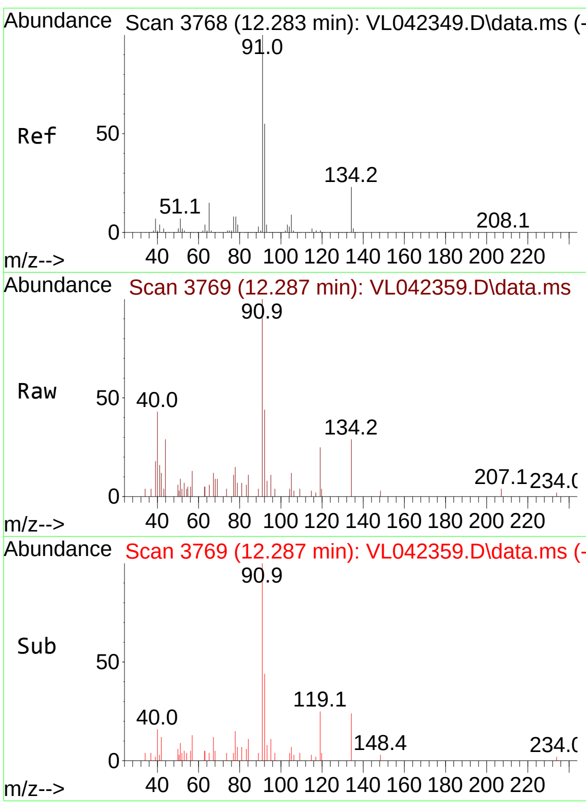
#69
p-Isopropyltoluene
Concen: 0.063 ppbv
RT: 11.927 min Scan# 3
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:119 Resp: 5290

Ion	Ratio	Lower	Upper
119	100		
134	26.7	20.0	30.0
91	42.6	24.4	36.6#

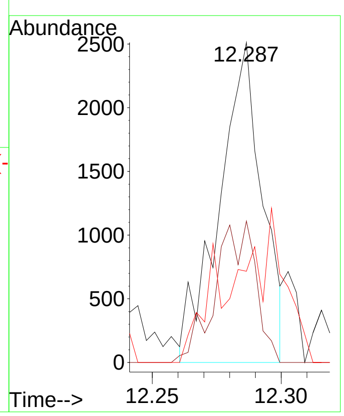


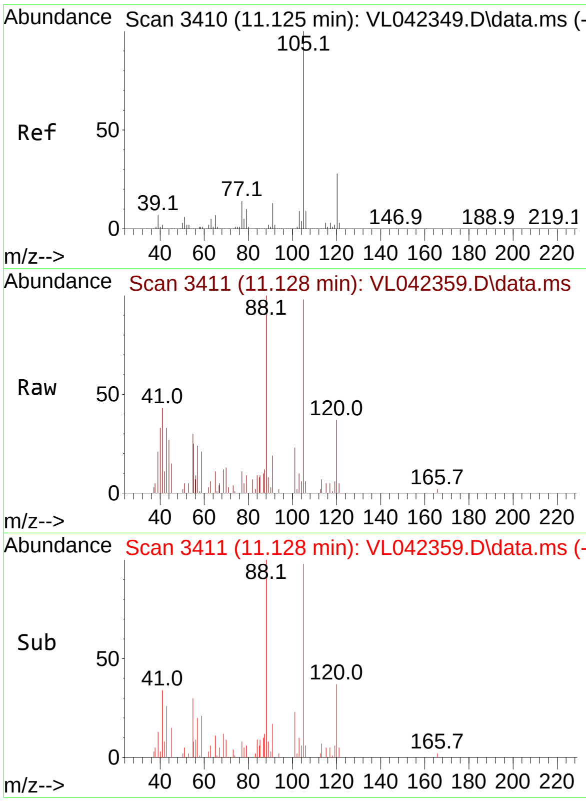


#70
n-Butylbenzene
Concen: 0.034 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion: 91 Resp: 2923

Ion	Ratio	Lower	Upper
91	100		
92	41.2	44.2	66.4#
134	0.0	18.2	27.4#



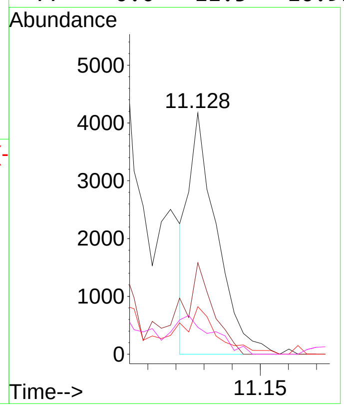


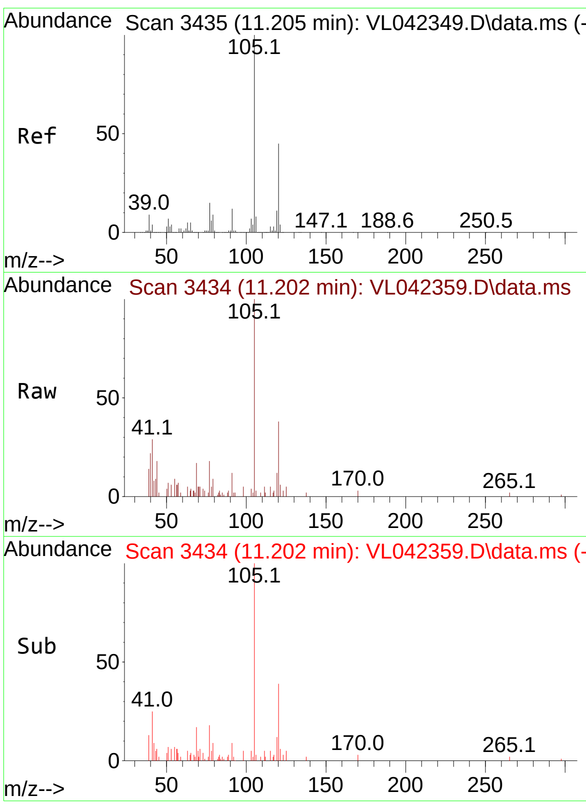
#72
4-Ethyltoluene
Concen: 0.047 ppbv
RT: 11.128 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:105 Resp: 2922

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.2	34.8#
91	0.0	10.4	15.6#
77	0.0	11.3	16.9#

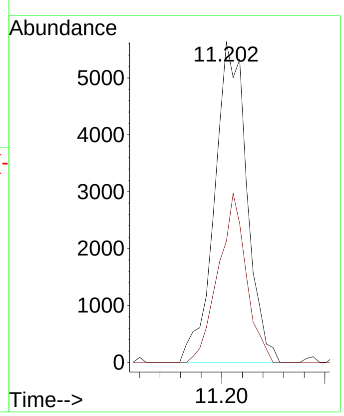


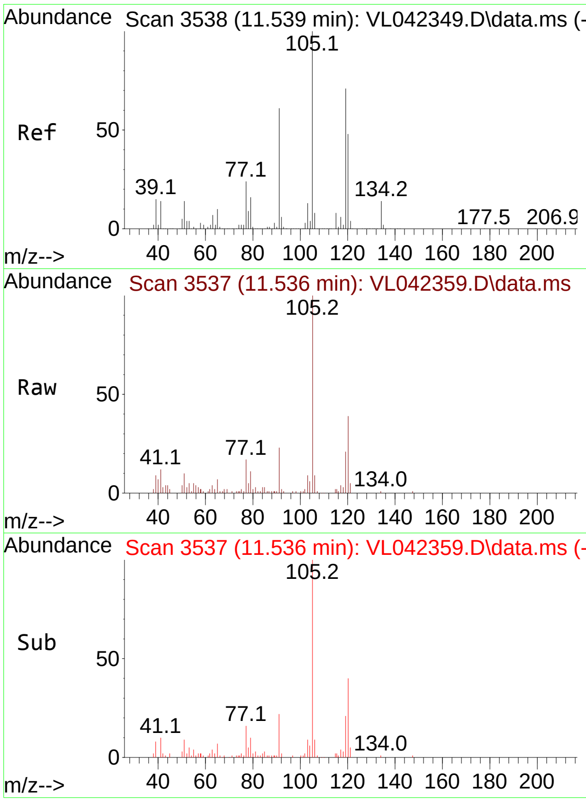


#73
1,3,5-Trimethylbenzene
Concen: 0.111 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. -0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:105 Resp: 6133

Ion	Ratio	Lower	Upper
105	100		
120	38.0	35.6	53.4



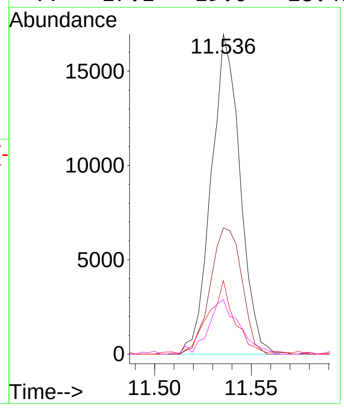


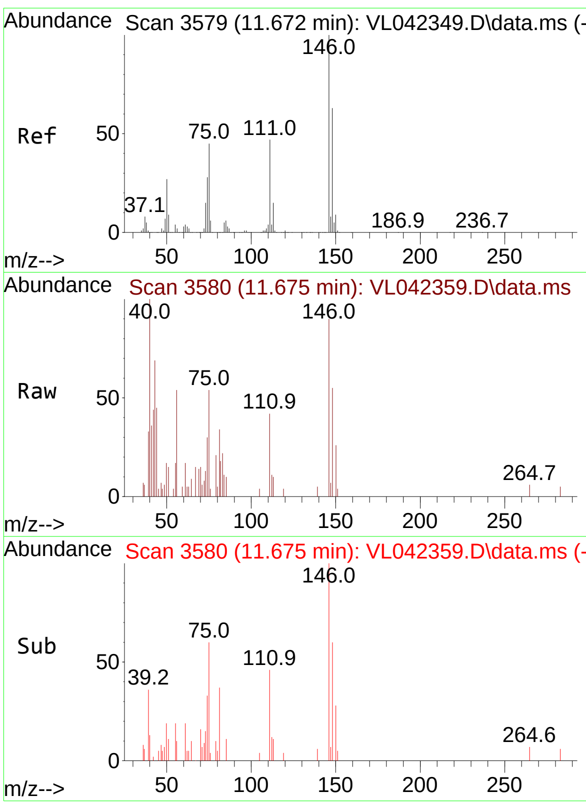
#74
1,2,4-Trimethylbenzene
Concen: 0.274 ppbv
RT: 11.536 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:105 Resp: 17646

Ion	Ratio	Lower	Upper
105	100		
120	39.5	38.1	57.1
91	23.0	48.8	73.2#
77	17.1	19.0	28.4#

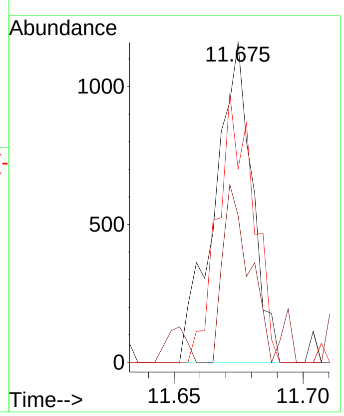


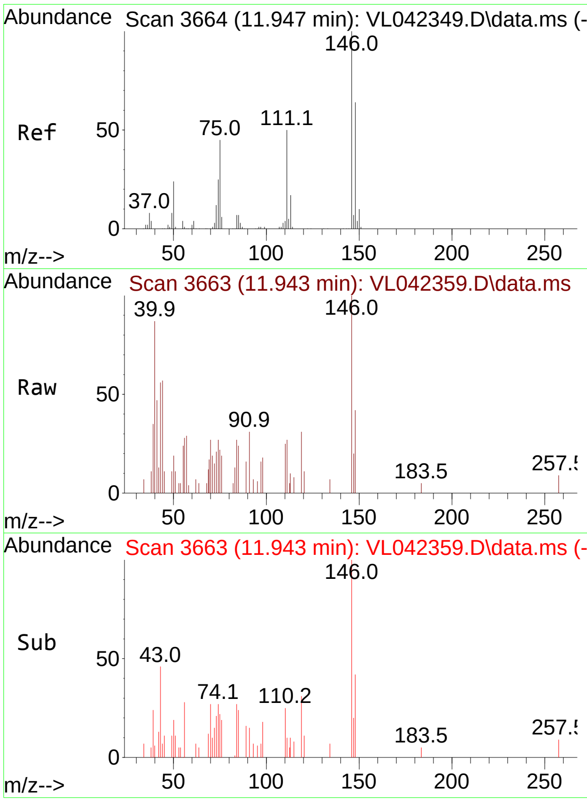


#76
1,4-Dichlorobenzene
Concen: 0.035 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:146 Resp: 1179

Ion	Ratio	Lower	Upper
146	100		
111	50.0	24.2	72.6
148	86.9	32.1	96.5



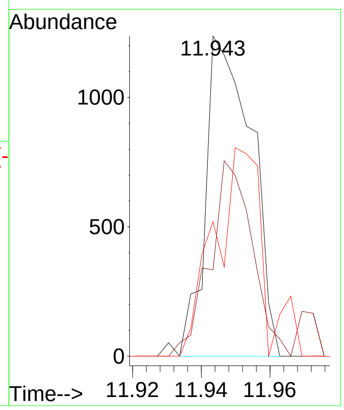


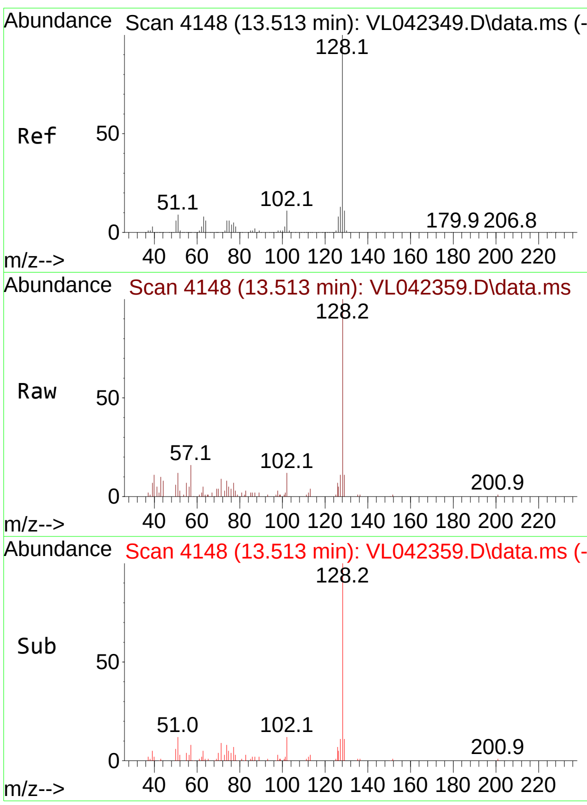
#77
1,2-Dichlorobenzene
Concen: 0.035 ppbv
RT: 11.943 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:146 Resp: 1149

Ion	Ratio	Lower	Upper
146	100		
111	65.6	25.3	75.9
148	69.1	31.5	94.5

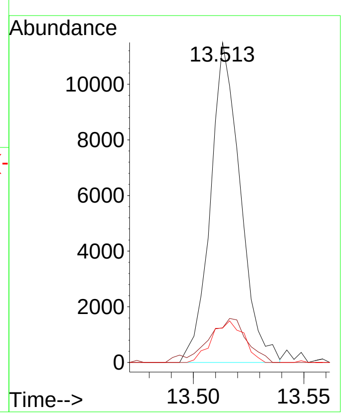


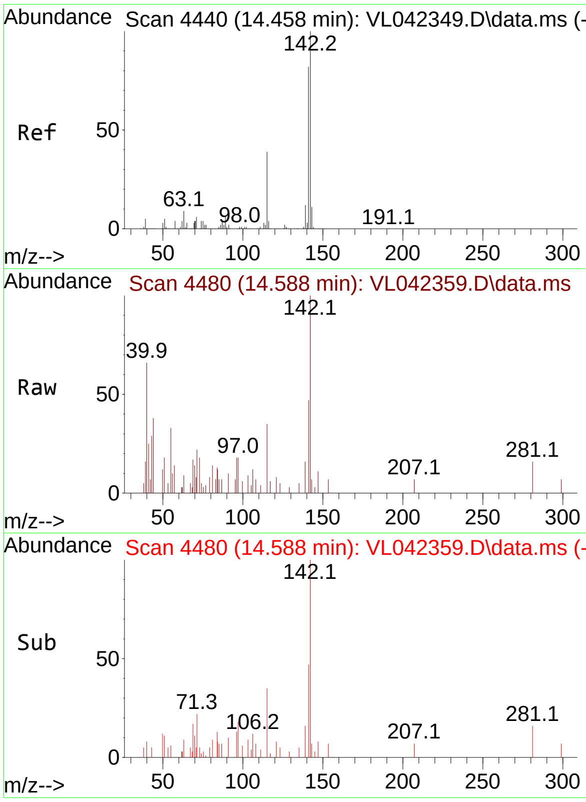


#79
Naphthalene
Concen: 0.140 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:128 Resp: 10816

Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.6	15.8
129	10.8	8.6	12.8



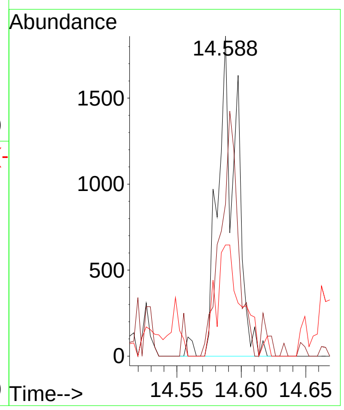


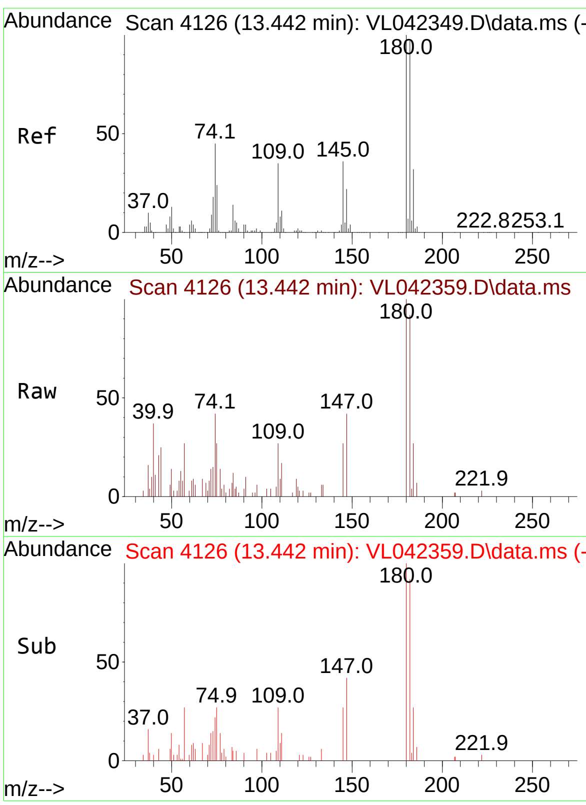
#80
Naphthalene,2-methyl-
Concen: 0.043 ppbv
RT: 14.588 min Scan# 44
Delta R.T. 0.129 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B14-1-3242025

Tgt Ion:142 Resp: 1898

Ion	Ratio	Lower	Upper
142	100		
141	76.4	66.8	100.2
115	46.7	33.4	50.2





#81
1,2,4-Trichlorobenzene
Concen: 0.087 ppbv
RT: 13.442 min Scan# 4126
Delta R.T. 0.000 min
Lab File: VL042359.D
Acq: 17 Apr 2025 16:12

Tgt Ion:180 Resp: 2886

Ion	Ratio	Lower	Upper
180	100		
182	86.5	76.8	115.2
184	30.4	24.6	36.8