Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029032.D
Acq On : 16 Nov 2022 21:44
Operator : SY/MD
Sample : N5604-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Quant Time: Nov 17 05:34:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	262708	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	239389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	117022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	77423	4.834	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.600%			
7) Chloroethane-d5	1.564	69	66575	4.728	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.105	63	105977	3.631	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.600%			
20) 2-Butanone-d5	3.905	46	107959	40.268	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.540%			
24) Chloroform-d	4.343	84	172625	5.250	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.000%			
26) 1,2-Dichloroethane-d4	5.027	65	79082	5.345	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.000%			
32) Benzene-d6	5.047	84	365924	5.121	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
36) 1,2-Dichloropropane-d6	6.066	67	108866	5.456	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.200%			
41) Toluene-d8	7.310	98	346022	5.380	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.600%			
43) trans-1,3-Dichloroprop...	7.622	79	33551	5.156	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.200%			
46) 2-Hexanone-d5	8.088	63	137850	49.627	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.260%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75147	5.432	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.600%			
66) 1,2-Dichlorobenzene-d4	11.616	152	128775	6.151	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 123.000%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.339	85	1605	0.073	ug/L	96
3) Chloromethane	1.243	50	973	0.054	ug/L	98
5) Vinyl chloride	1.310	62	13854	0.668	ug/L #	67
8) Chloroethane	1.436	64	163109	13.389	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1714	0.108	ug/L #	39
14) Carbon disulfide	2.291	76	8808	0.156	ug/L	97
15) Methyl Acetate	2.426	43	1767	0.422	ug/L #	44
18) trans-1,2-Dichloroethene	2.761	96	5703	0.309	ug/L	91
19) 1,1-Dichloroethane	3.188	63	9722	0.322	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3630	0.194	ug/L	93
25) Chloroform	4.400	83	2922	0.092	ug/L #	44
30) Cyclohexane	4.667	56	5442	0.191	ug/L	96
33) Benzene	5.101	78	46668	0.638	ug/L	100
35) Methylcyclohexane	6.124	83	3452	0.105	ug/L #	41
37) 1,2-Dichloropropane	6.063	63	11304	0.670	ug/L #	86
42) Toluene	7.387	91	68427	0.866	ug/L	98
45) 1,1,2-Trichloroethane	7.783	97	4668	0.423	ug/L #	21
51) Chlorobenzene	8.883	112	4372	0.089	ug/L	89
52) Ethylbenzene	9.008	91	56741	0.690	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
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Acq On : 16 Nov 2022 21:44
Operator : SY/MD
Sample : N5604-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Quant Time: Nov 17 05:34:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-Xylene	9.133	106	39490	1.207	ug/L		98
54) o-Xylene	9.538	106	17725	0.570	ug/L		93
60) Isopropylbenzene	9.924	105	10552	0.139	ug/L		98
62) 1,3,5-Trimethylbenzene	10.535	105	4420	0.069	ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	8651	0.134	ug/L		99
71) Naphthalene	13.500	128	3594	0.134	ug/L	#	95

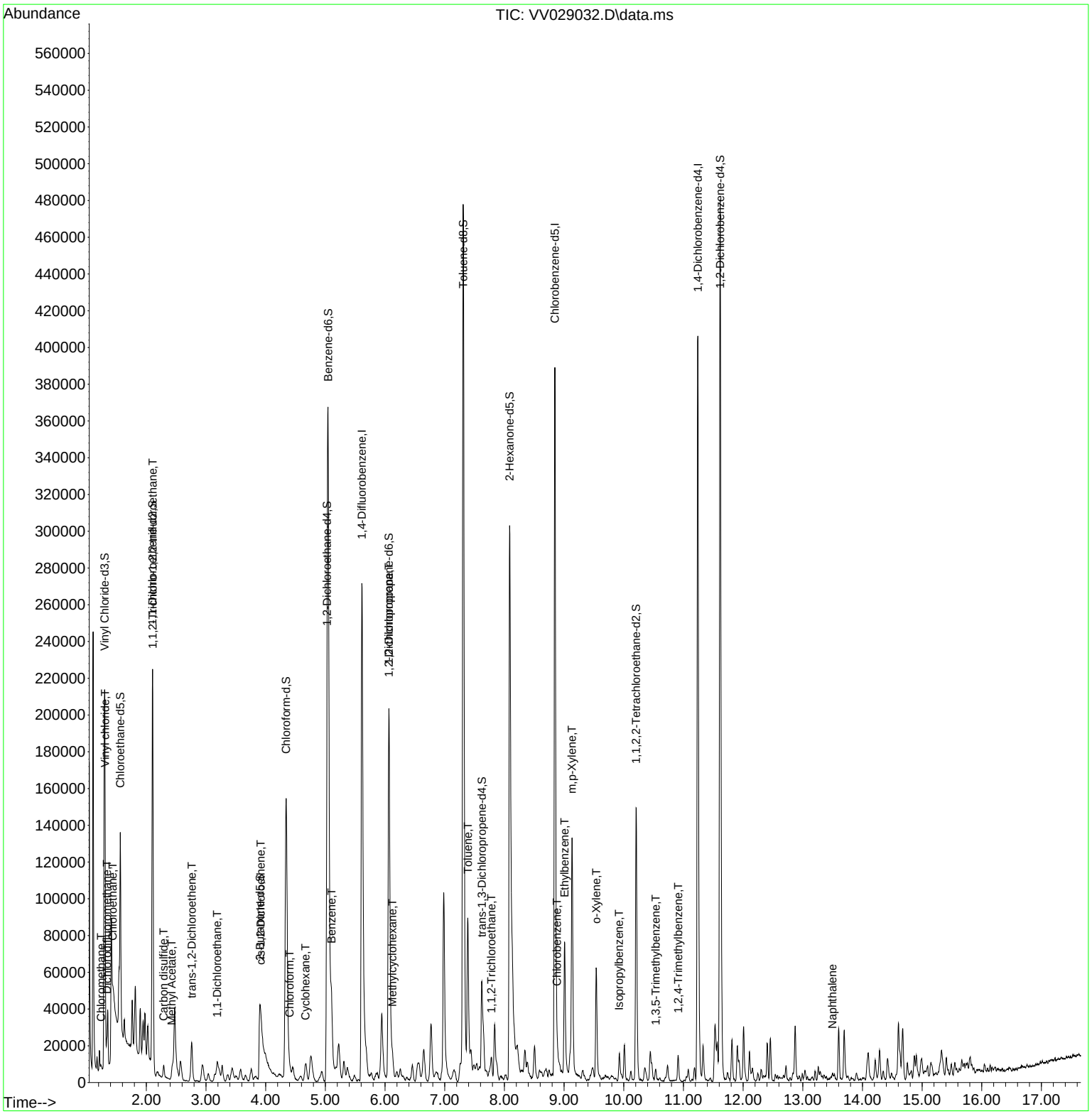
(#) = qualifier out of range (m) = manual integration (+) = signals summed

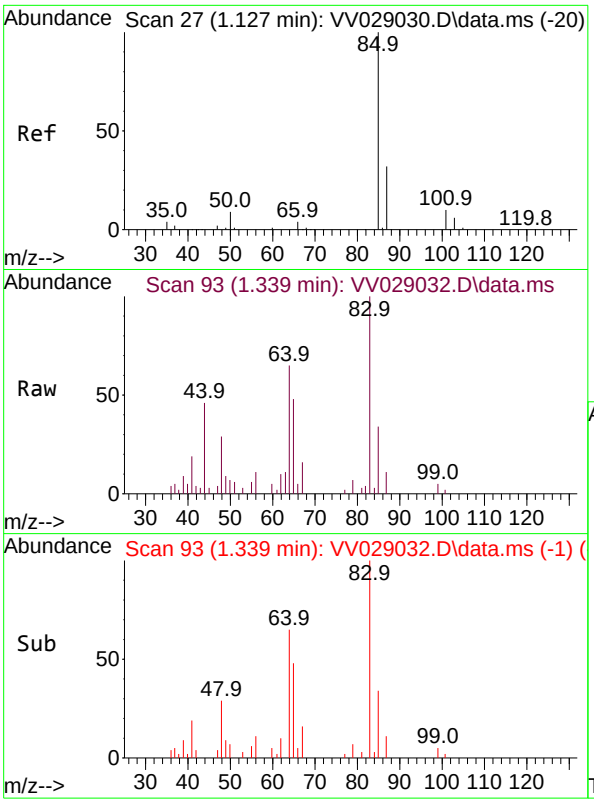
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029032.D
Acq On : 16 Nov 2022 21:44
Operator : SY/MD
Sample : N5604-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Quant Time: Nov 17 05:34:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration



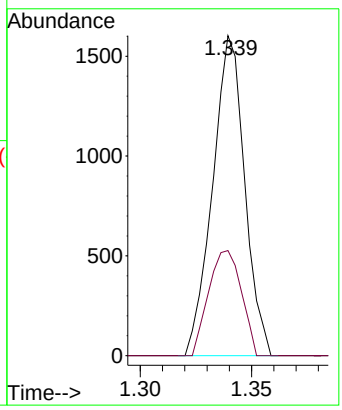


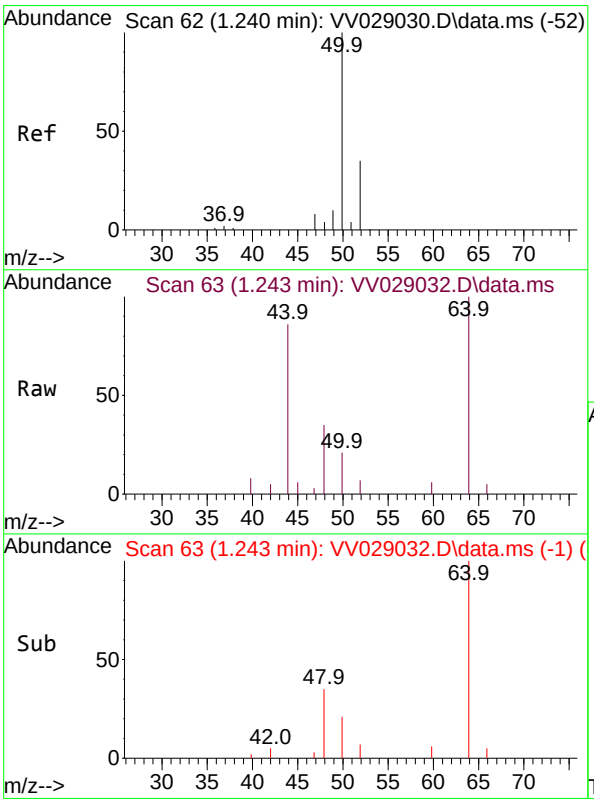
#2
Dichlorodifluoromethane
Concen: 0.073 ug/L
RT: 1.339 min Scan# 9
Delta R.T. 0.212 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 85 Resp: 1605

Ion	Ratio	Lower	Upper
85	100		
87	33.5	25.0	37.4

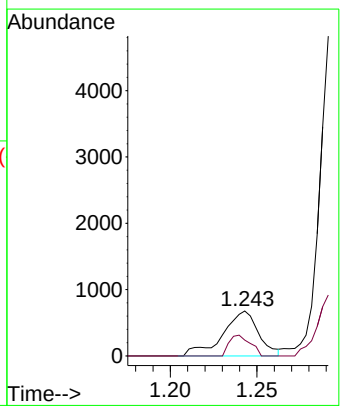


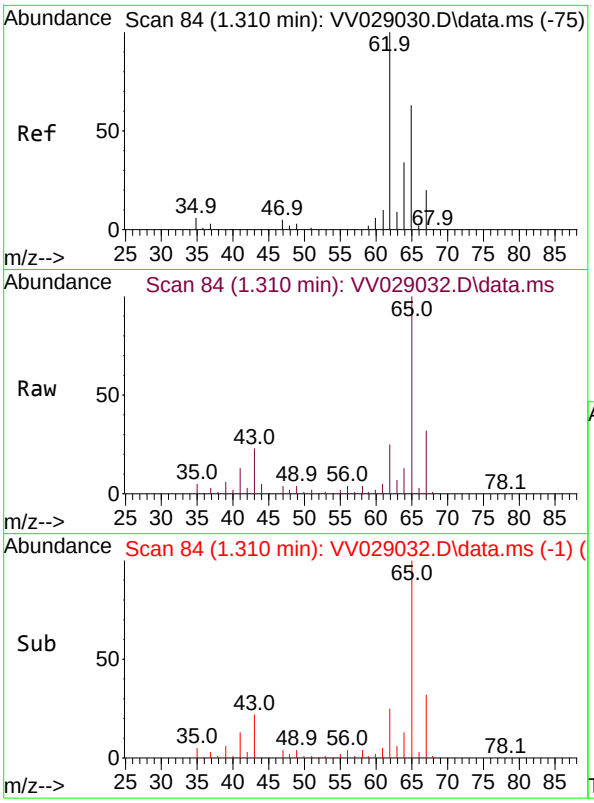


#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 50 Resp: 973

Ion	Ratio	Lower	Upper
50	100		
52	35.1	23.7	43.9



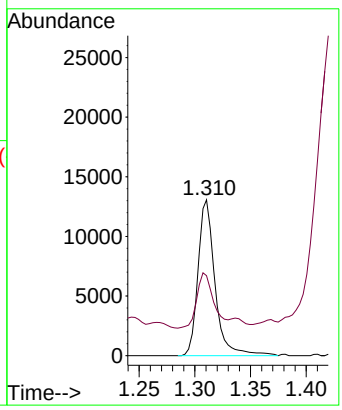


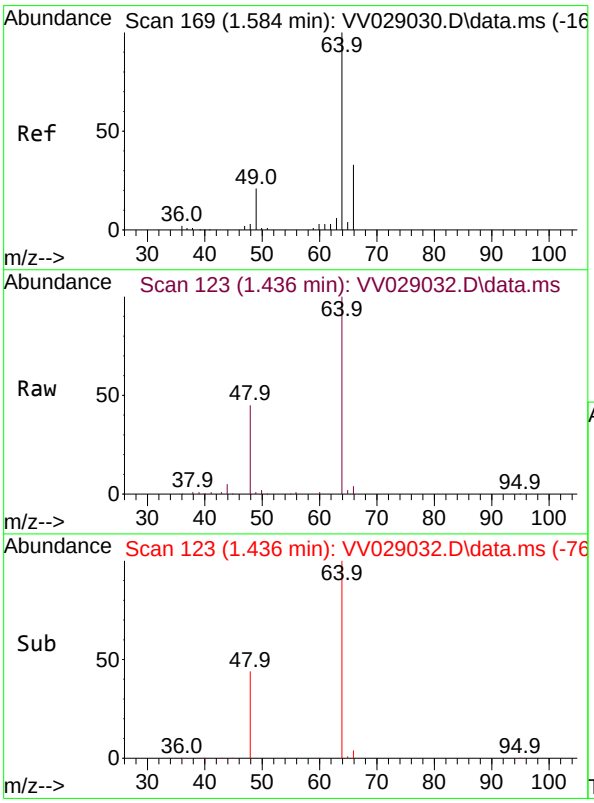
#5
Vinyl chloride
Concen: 0.668 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 62 Resp: 13854

Ion	Ratio	Lower	Upper
62	100		
64	51.3	22.8	42.4#

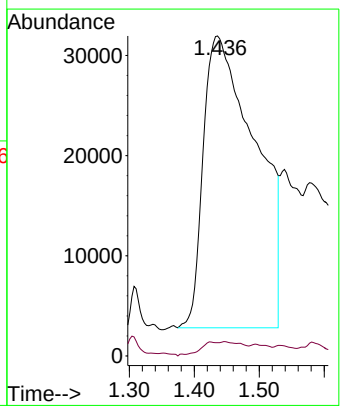


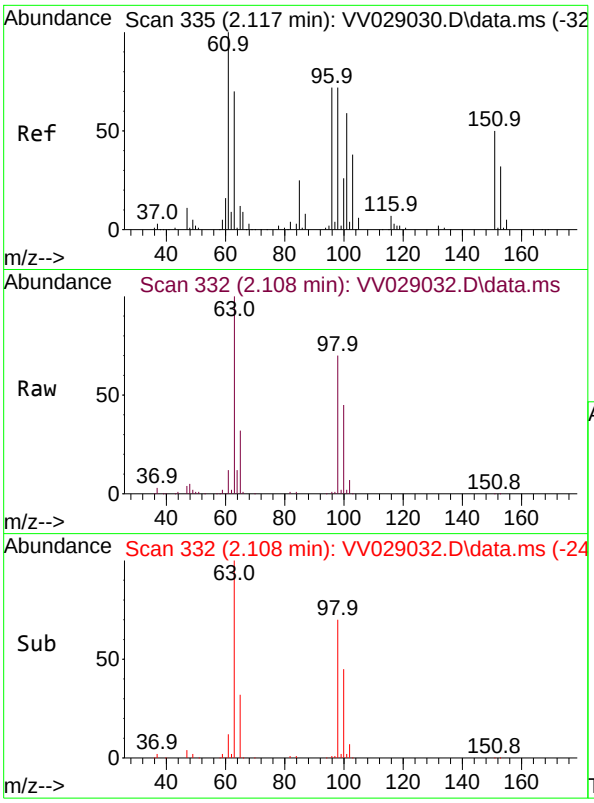


#8
Chloroethane
Concen: 13.389 ug/L
RT: 1.436 min Scan# 123
Delta R.T. -0.148 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 64 Resp: 163109

Ion	Ratio	Lower	Upper
64	100		
66	4.1	22.0	40.8#



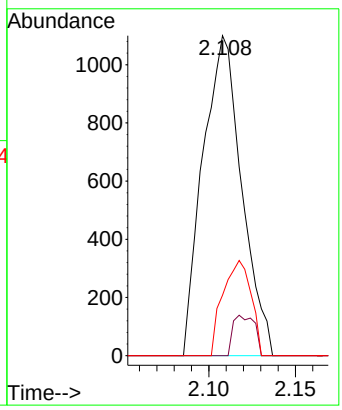


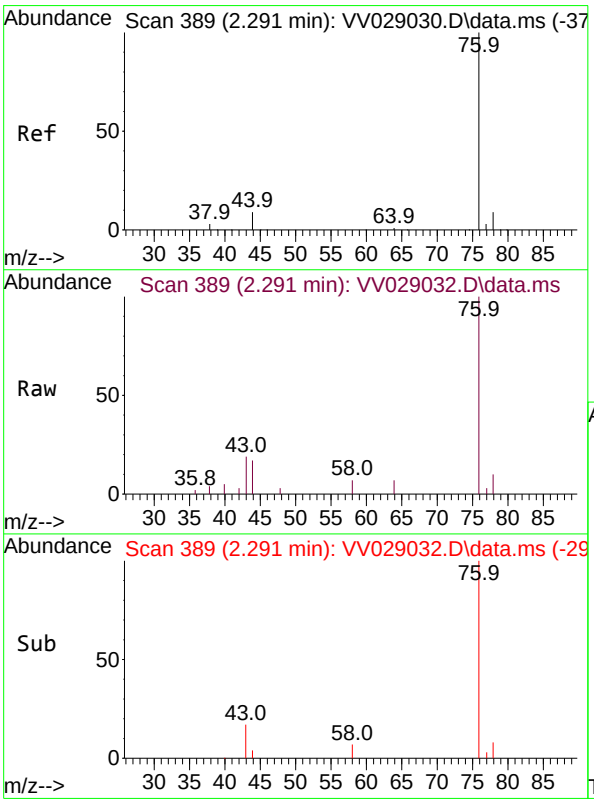
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.108 ug/L
RT: 2.108 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion:101 Resp: 1714

Ion	Ratio	Lower	Upper
101	100		
85	7.0	32.9	49.3#
151	21.6	62.5	93.7#

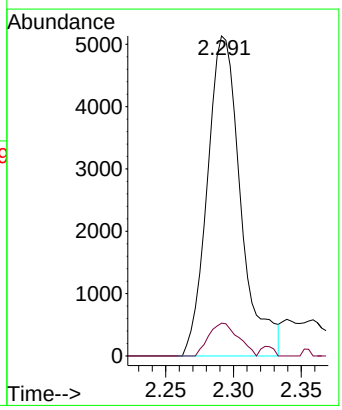


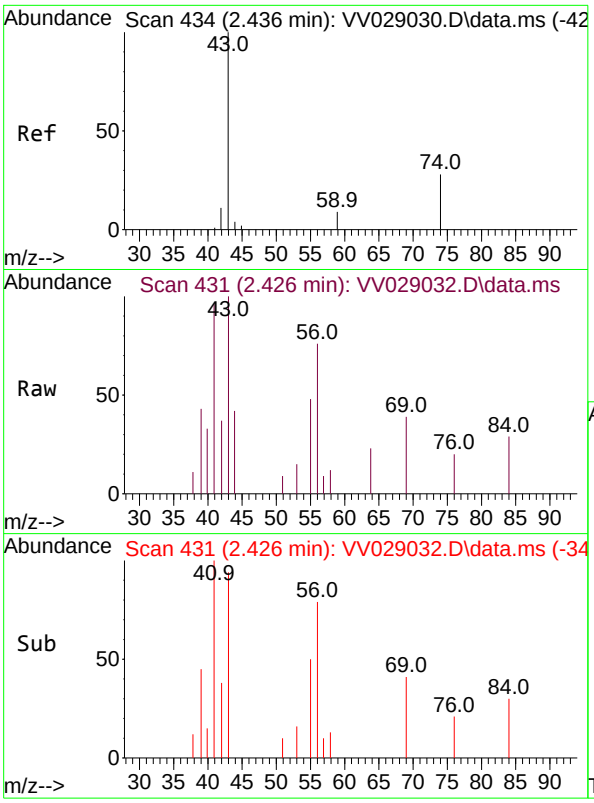


#14
Carbon disulfide
Concen: 0.156 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 76 Resp: 8808

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.4	11.2



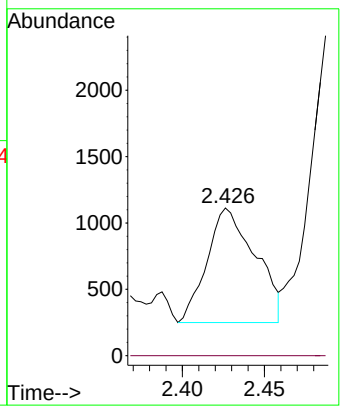


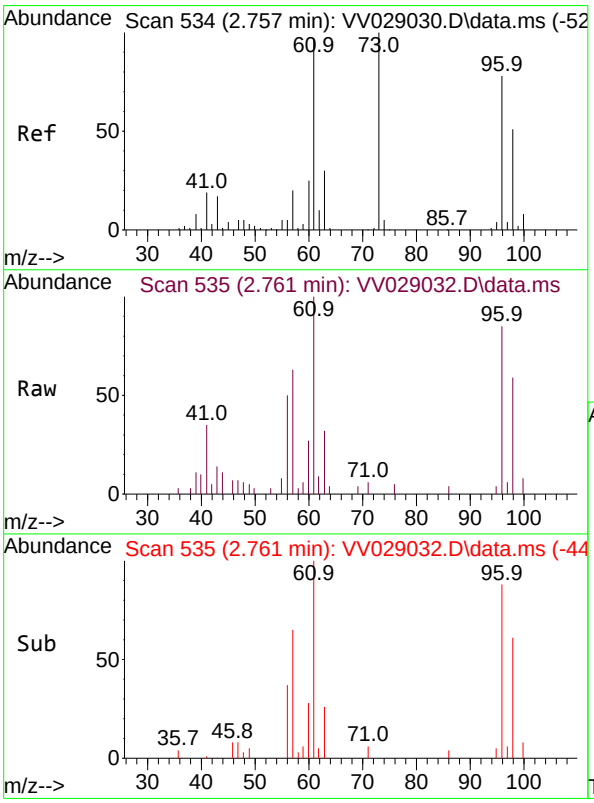
#15
Methyl Acetate
Concen: 0.422 ug/L
RT: 2.426 min Scan# 4
Delta R.T. -0.010 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 43 Resp: 1767

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.6	37.0#

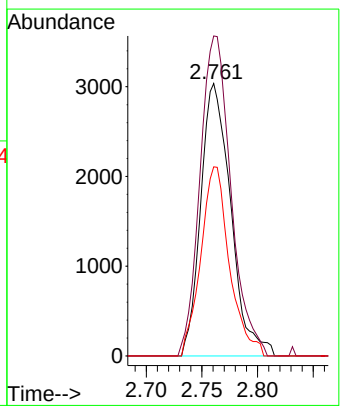


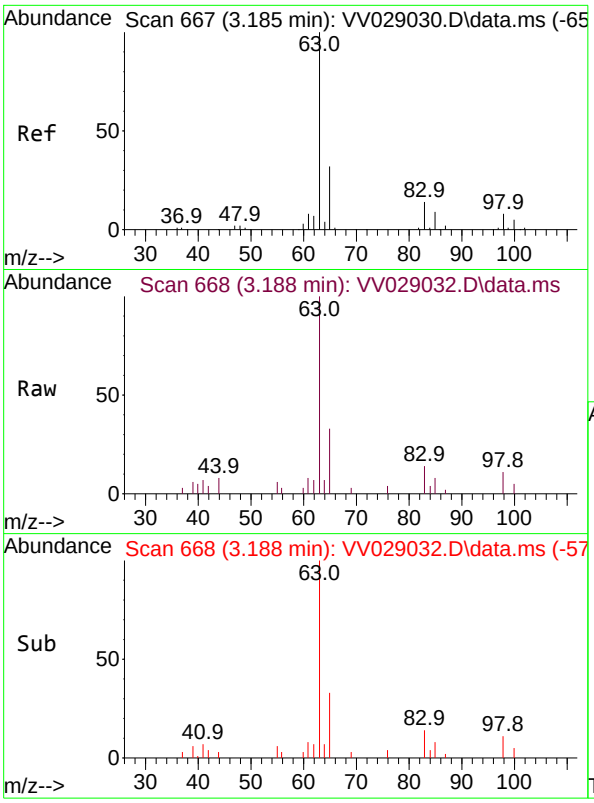


#18
trans-1,2-Dichloroethene
Concen: 0.309 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 96 Resp: 5703

Ion	Ratio	Lower	Upper
96	100		
61	117.4	91.8	170.6
98	69.4	46.4	86.2



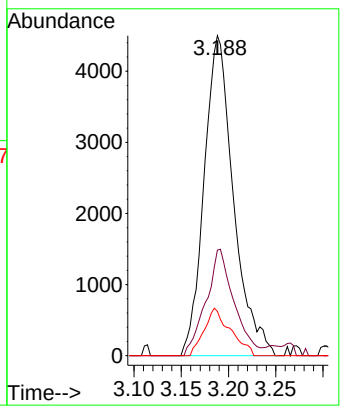


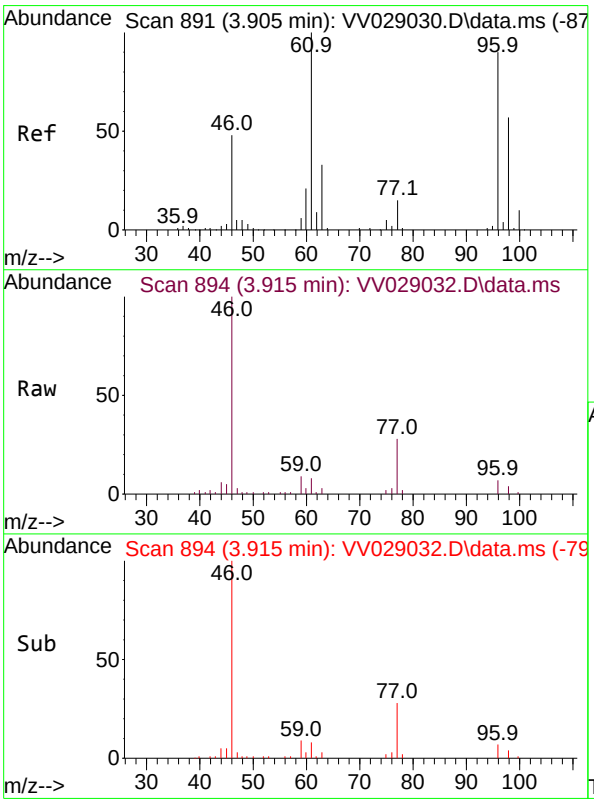
#19
1,1-Dichloroethane
Concen: 0.322 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 63 Resp: 9722

Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.0	42.6
83	13.9	9.4	17.6

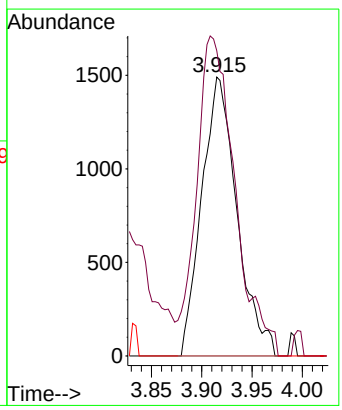


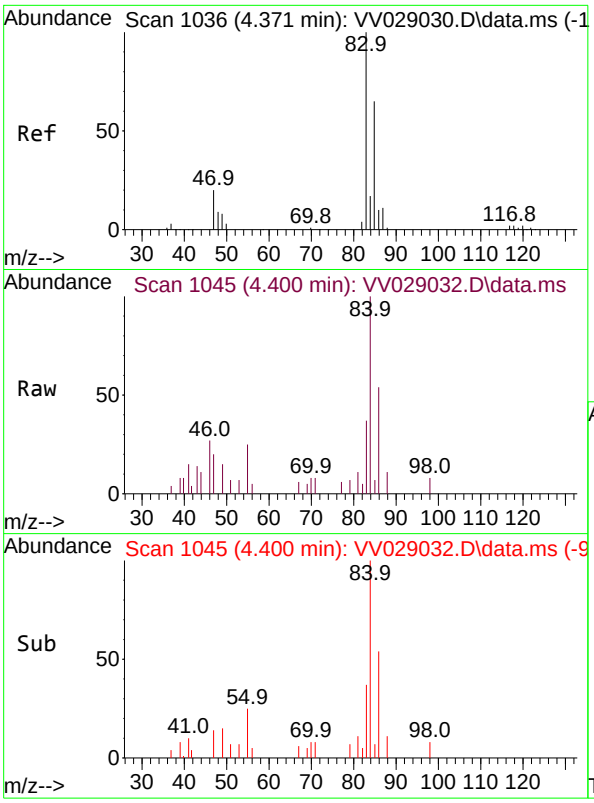


#22
cis-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 96 Resp: 3630

Ion	Ratio	Lower	Upper
96	100		
61	109.5	82.3	152.9
68	0.0	0.0	0.0



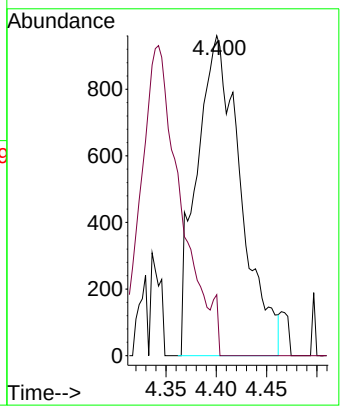


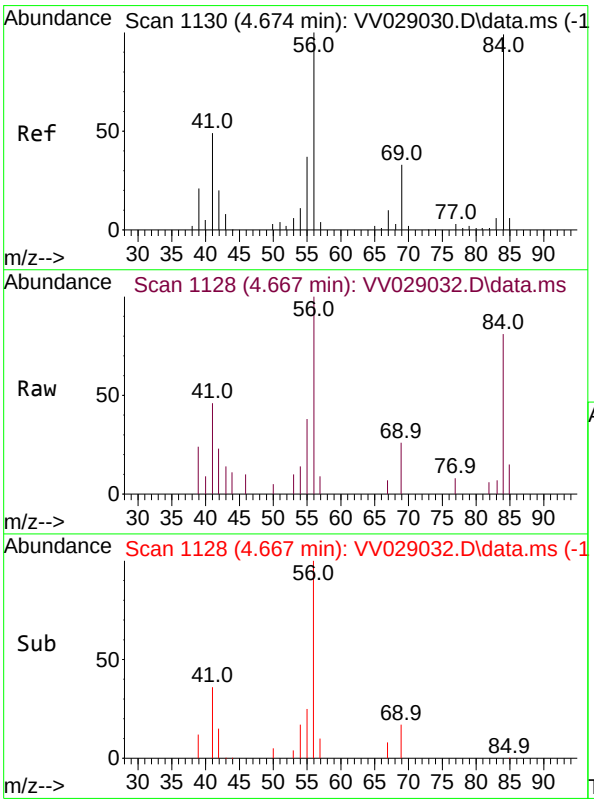
#25
Chloroform
Concen: 0.092 ug/L
RT: 4.400 min Scan# 1
Delta R.T. 0.029 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 83 Resp: 2922

Ion	Ratio	Lower	Upper
83	100		
85	19.0	43.7	81.1#

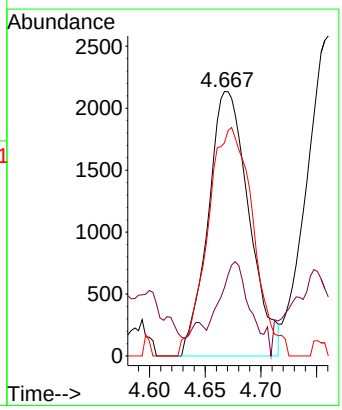


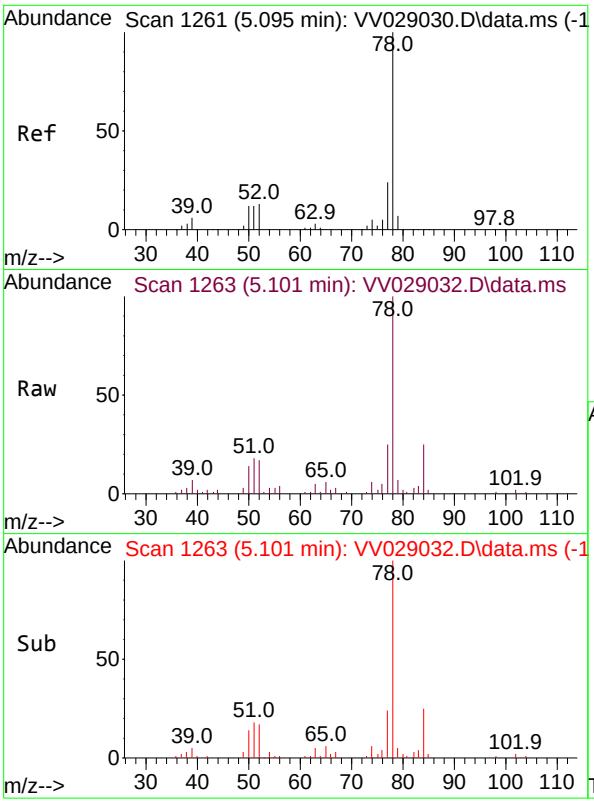


#30
Cyclohexane
Concen: 0.191 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 56 Resp: 5442

Ion	Ratio	Lower	Upper
56	100		
69	27.0	26.1	39.1
84	95.8	77.9	116.9

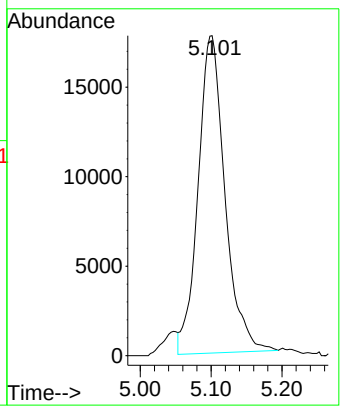


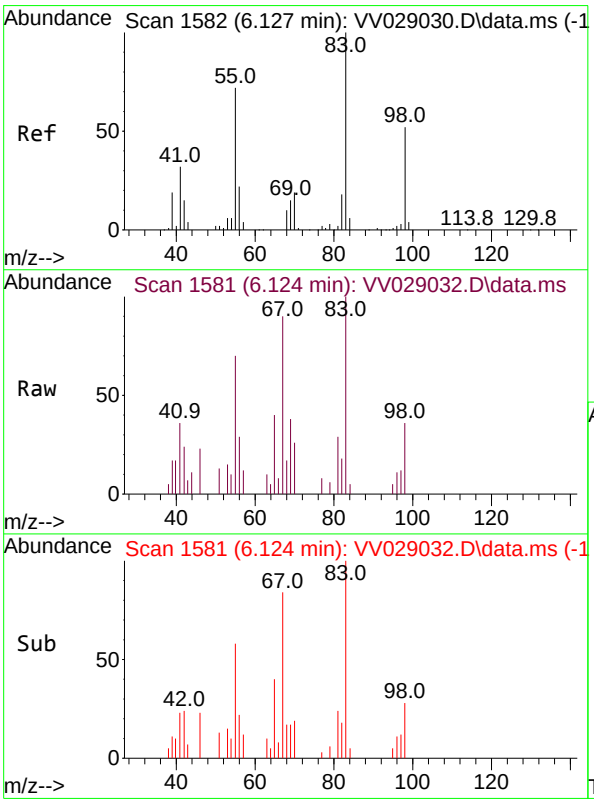


#33
Benzene
Concen: 0.638 ug/L
RT: 5.101 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 78 Resp: 46668

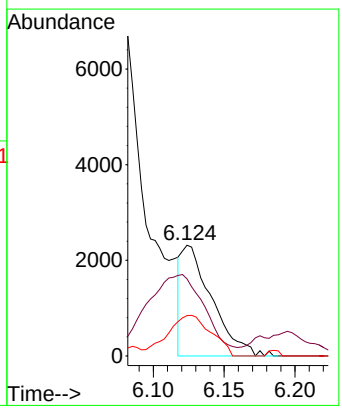


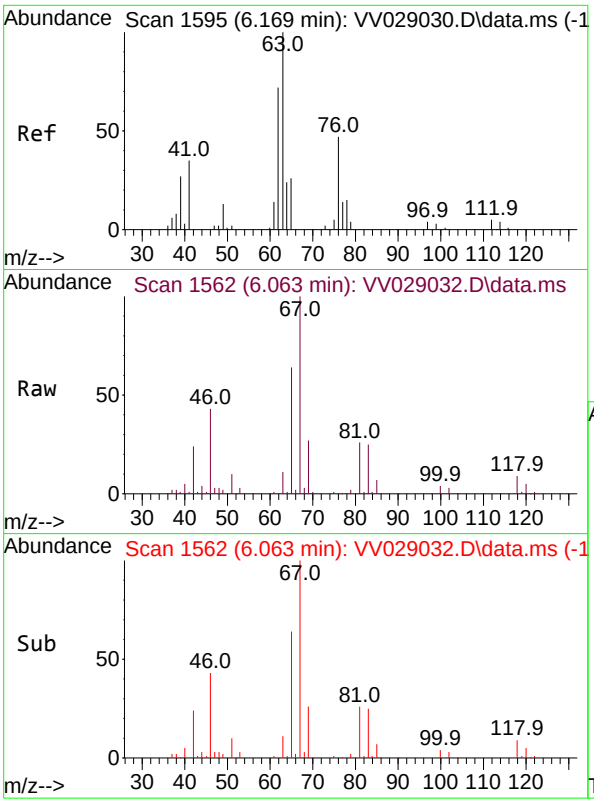


#35
Methylcyclohexane
Concen: 0.105 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 83 Resp: 3452

Ion	Ratio	Lower	Upper
83	100		
55	146.3	55.8	83.6#
98	52.8	38.2	57.2



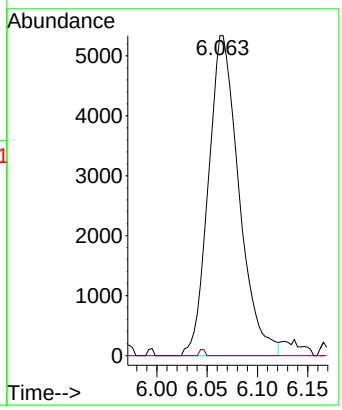


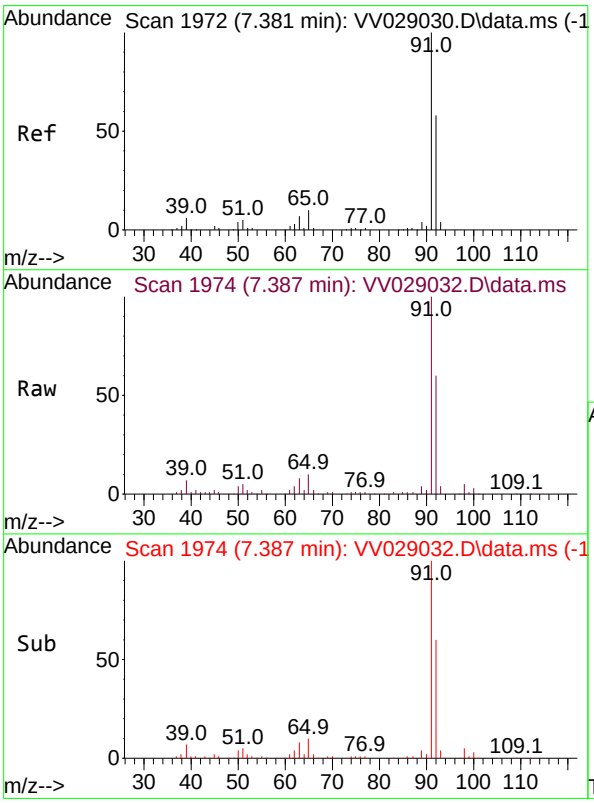
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 63 Resp: 11304

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.0	6.0#

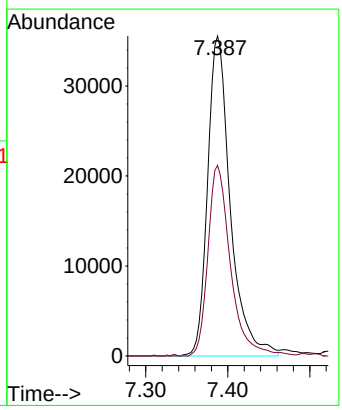


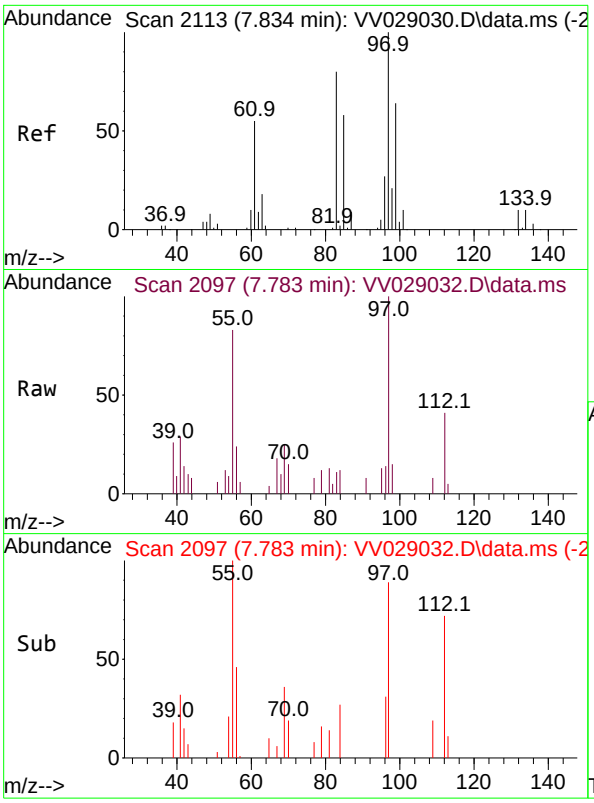


#42
Toluene
Concen: 0.866 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.007 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 91 Resp: 68427

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.7	75.5



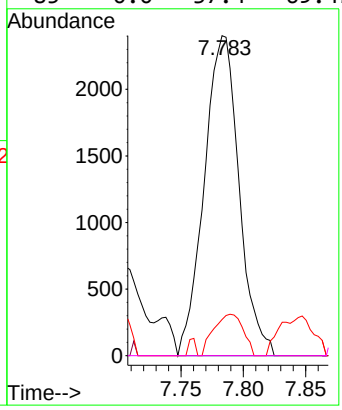


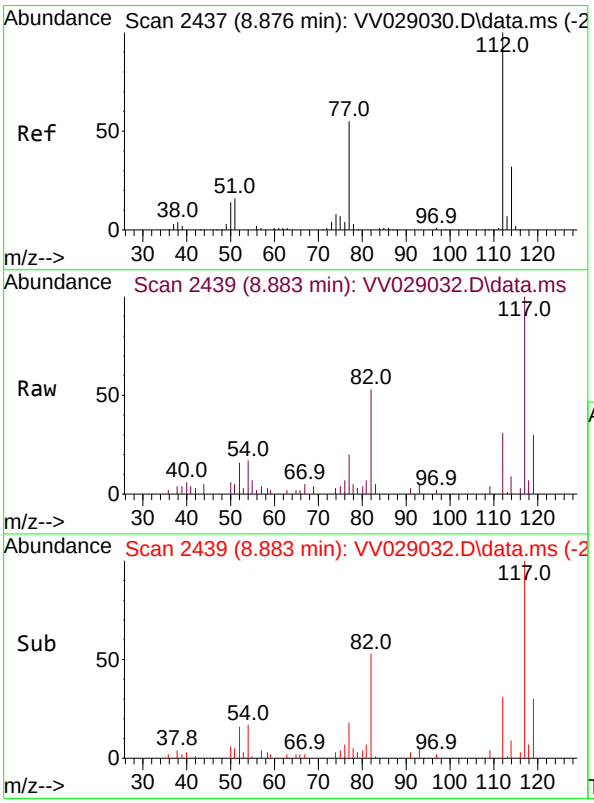
#45
1,1,2-Trichloroethane
Concen: 0.423 ug/L
RT: 7.783 min Scan# 2
Delta R.T. -0.051 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 97 Resp: 4668

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.5	77.1#
83	11.3	60.0	111.4#
85	0.0	37.4	69.4#

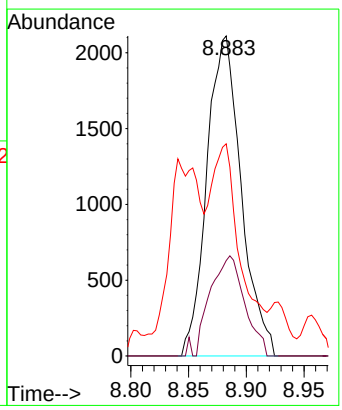


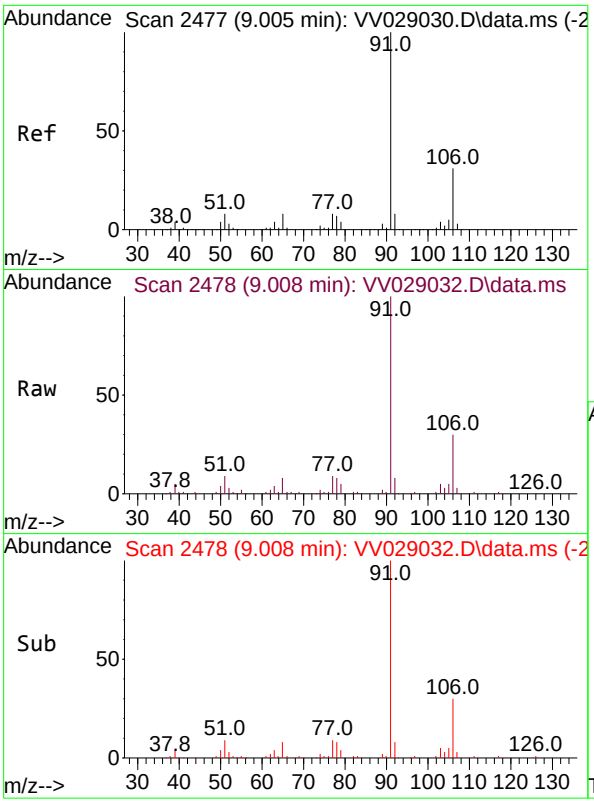


#51
Chlorobenzene
Concen: 0.089 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.007 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion:112 Resp: 4372

Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.4	41.6
77	66.3	44.4	66.6



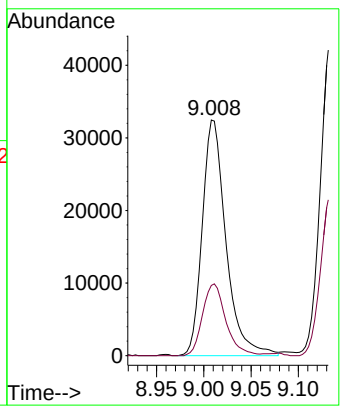


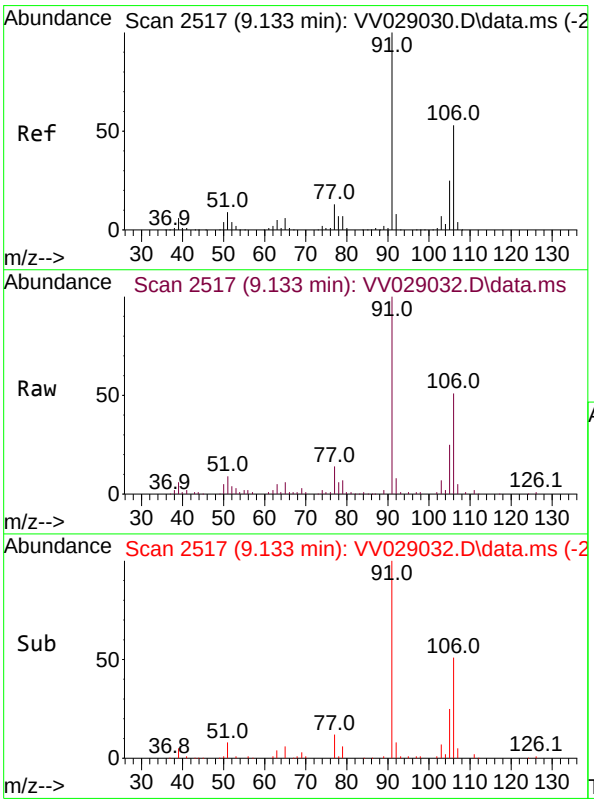
#52
Ethylbenzene
Concen: 0.690 ug/L
RT: 9.008 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion: 91 Resp: 56741

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.6	40.2

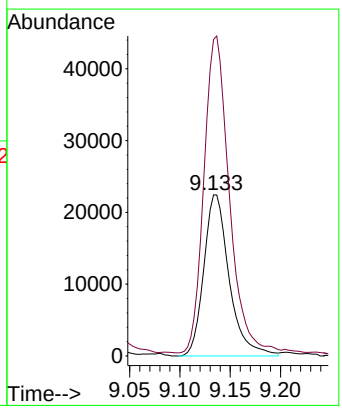


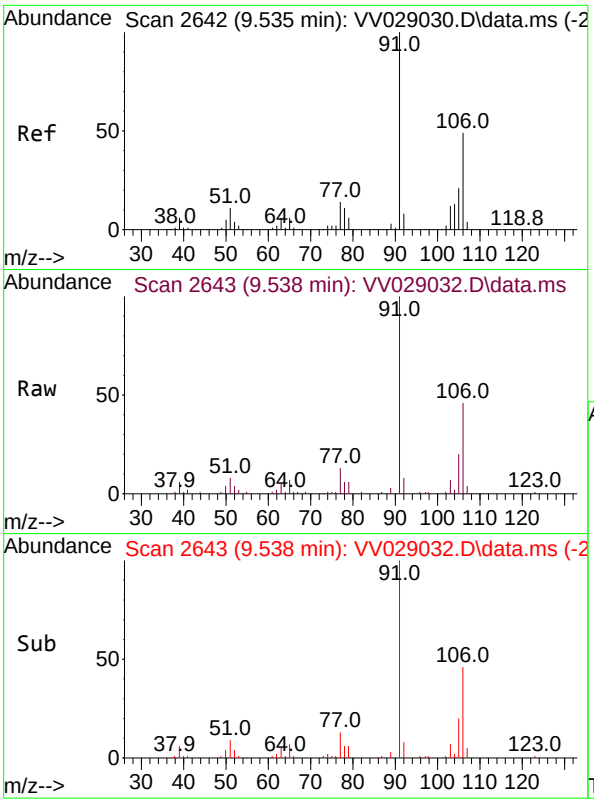


#53
m,p-Xylene
Concen: 1.207 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion:106 Resp: 39490

Ion	Ratio	Lower	Upper
106	100		
91	196.3	139.1	258.3



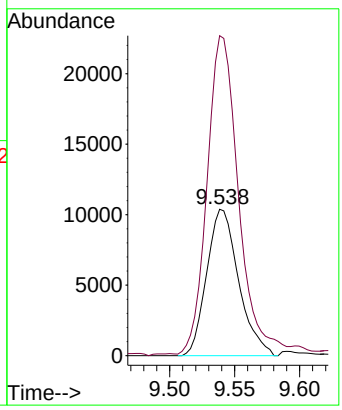


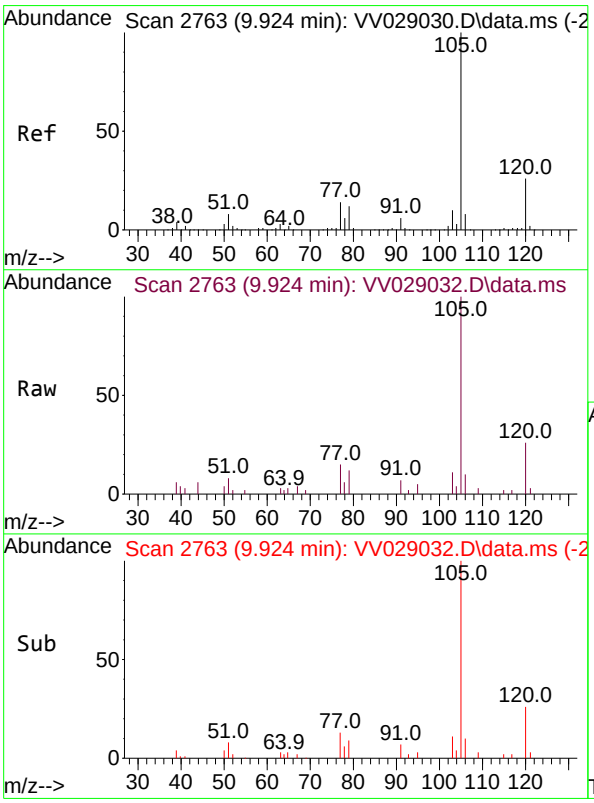
#54
o-Xylene
Concen: 0.570 ug/L
RT: 9.538 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion:106 Resp: 17725

Ion	Ratio	Lower	Upper
106	100		
91	218.6	145.7	270.7

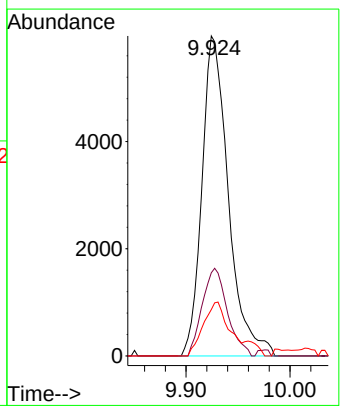


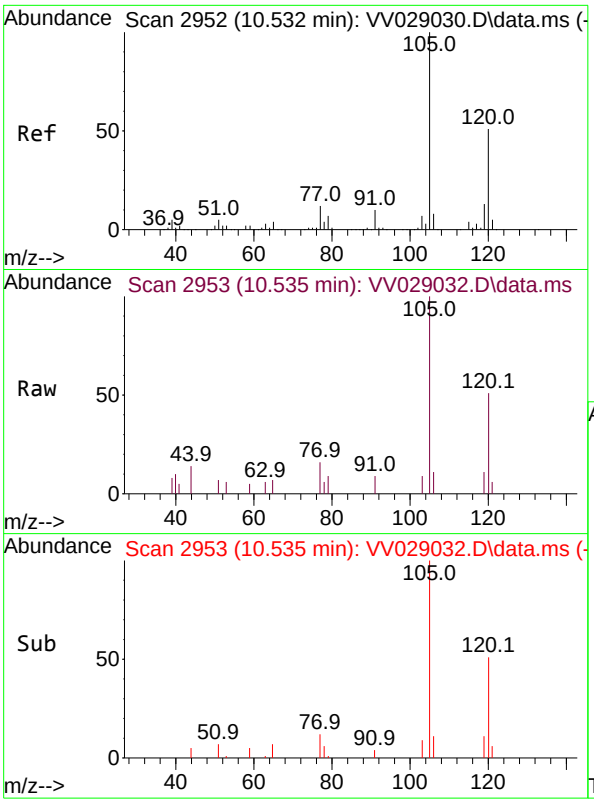


#60
Isopropylbenzene
Concen: 0.139 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion:105 Resp: 10552

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.3	31.9
77	16.6	11.8	17.8



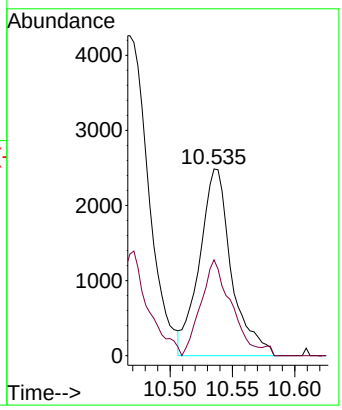


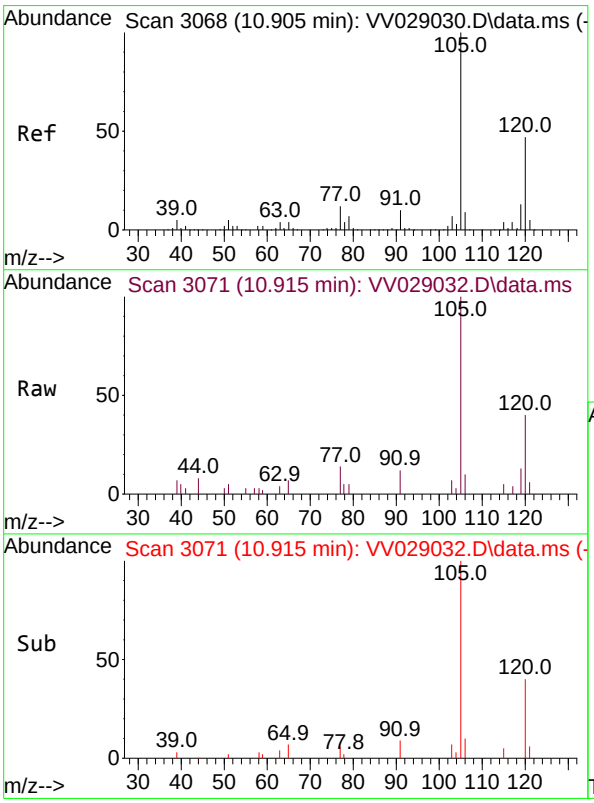
#62
1,3,5-Trimethylbenzene
Concen: 0.069 ug/L
RT: 10.535 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion:105 Resp: 4420

Ion	Ratio	Lower	Upper
105	100		
120	50.0	39.9	59.9

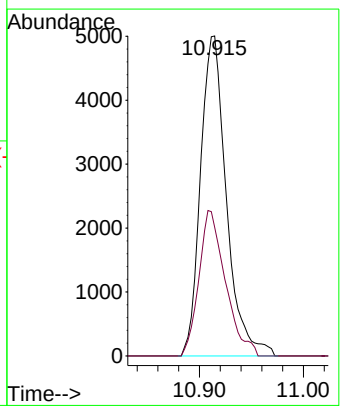


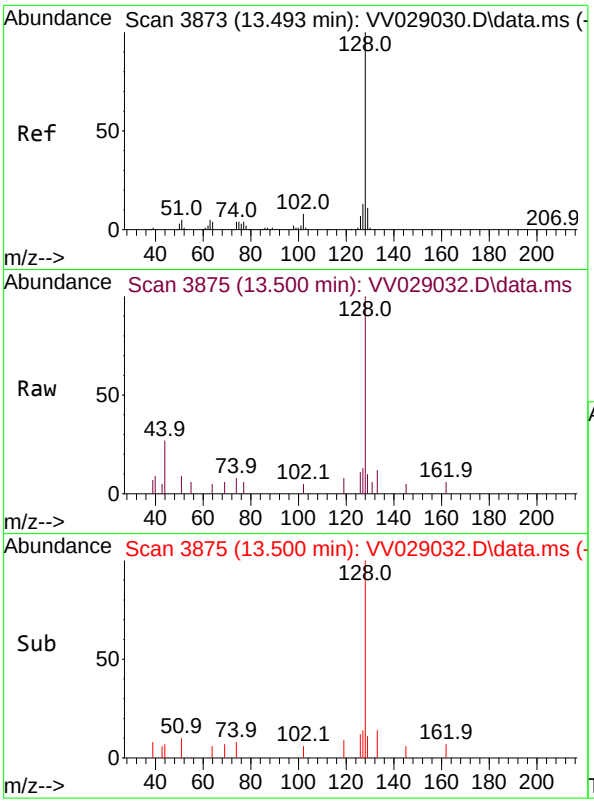


#63
1,2,4-Trimethylbenzene
Concen: 0.134 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.010 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion:105 Resp: 8651

Ion	Ratio	Lower	Upper
105	100		
120	46.5	37.8	56.8





#71
Naphthalene
Concen: 0.134 ug/L
RT: 13.500 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion:128 Resp: 3594

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.8	13.2#
127	10.6	9.8	14.8