Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026749.D
Acq On : 02 Feb 2022 20:02
Operator : JC/MD
Sample : N1380-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : INF0222DL

Quant Time: Feb 03 03:09:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	121130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74965	44.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.600%			
35) Dibromofluoromethane	5.391	113	63038	48.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	8.653	98	234796	50.020	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.079	95	85431	51.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.460%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	550	2.337	ug/l #	75
13) Acrolein	2.221	56	476	1.903	ug/l #	1
15) Acrylonitrile	3.099	53	402	0.555	ug/l #	29
16) Acetone	2.386	43	911	1.056	ug/l	98
18) Methyl Acetate	2.715	43	1037	0.604	ug/l #	58
23) Vinyl Acetate	3.745	43	897	0.231	ug/l #	73
25) 2-Butanone	4.446	43	370	0.330	ug/l #	50
31) Cyclohexane	5.477	56	8050	3.225	ug/l	97
36) 1,1-Dichloropropene	5.556	75	9163	4.456	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12537	5.927	ug/l #	17
39) Methylcyclohexane	7.385	83	3873	1.561	ug/l	94
40) Benzene	6.044	78	132286	23.274	ug/l	97
42) 1,2-Dichloroethane	6.056	62	1250	0.562	ug/l #	75
48) Methyl methacrylate	7.665	41	492	0.295	ug/l #	51
52) Toluene	8.720	92	17461	5.010	ug/l	97
53) t-1,3-Dichloropropene	8.726	75	228	1.980	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	381	0.280	ug/l #	15
67) Ethyl Benzene	10.195	91	80452	11.533	ug/l	98
68) m/p-Xylenes	10.305	106	105078	40.253	ug/l	99
69) o-Xylene	10.647	106	14899	5.915	ug/l	96
73) Isopropylbenzene	10.964	105	8058	1.257	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	42322	24.582	ug/l #	40
78) n-propylbenzene	11.305	91	11971	1.638	ug/l	97
79) 2-Chlorotoluene	11.396	91	4533	1.023	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	17672	3.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	42322	74.803	ug/l #	3
82) 4-Chlorotoluene	11.451	91	2012	0.395	ug/l #	46
83) tert-Butylbenzene	11.756	119	9164	1.858	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.756	105	77304	14.627	ug/l	99
85) sec-Butylbenzene	11.756	105	77304	12.116	ug/l #	56
89) n-Butylbenzene	12.329	91	1534	0.334	ug/l #	19
90) Hexachloroethane	12.646	117	2185	4.517	ug/l #	14
95) Naphthalene	13.774	128	32260	5.800	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026749.D
Acq On : 02 Feb 2022 20:02
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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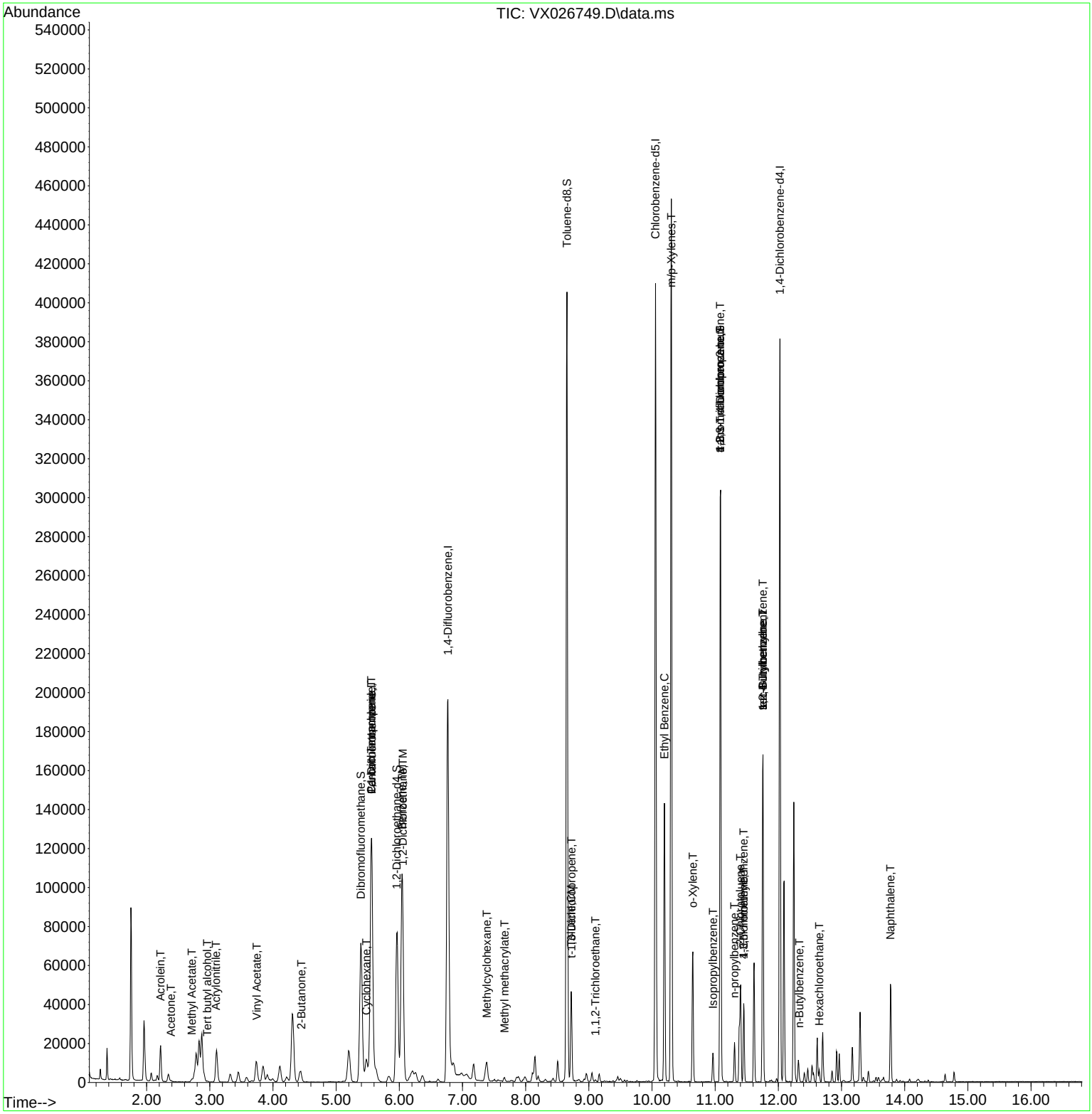
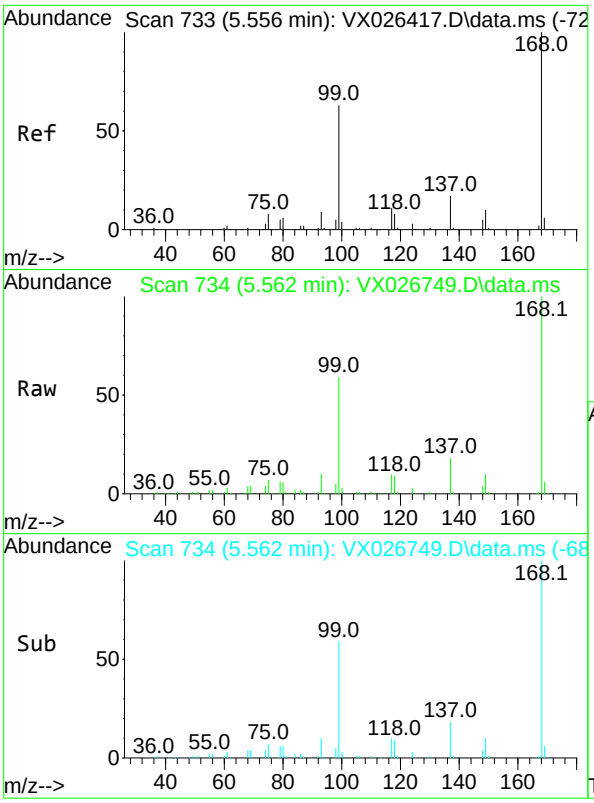
Quant Time: Feb 03 03:09:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



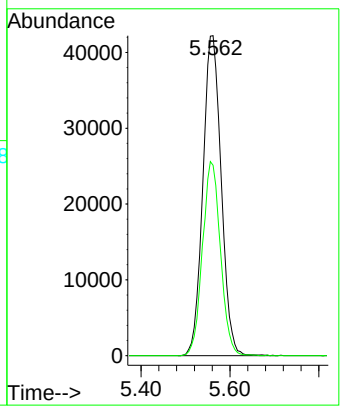


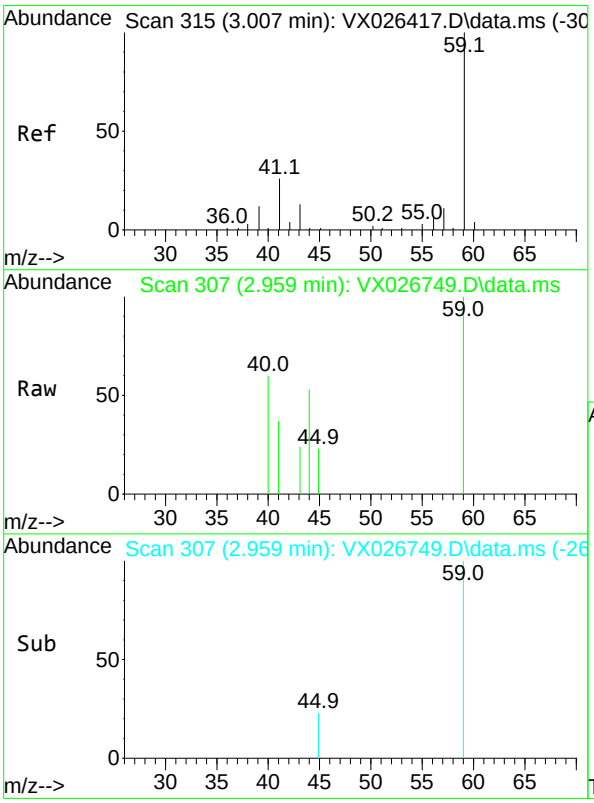
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion:168 Resp: 121130

Ion	Ratio	Lower	Upper
168	100		
99	59.5	50.3	75.5

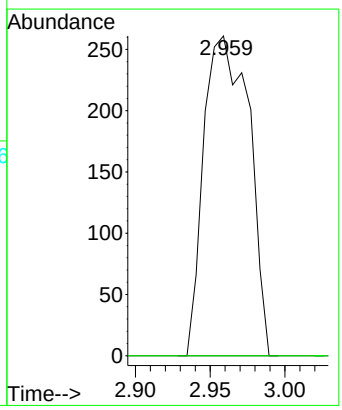


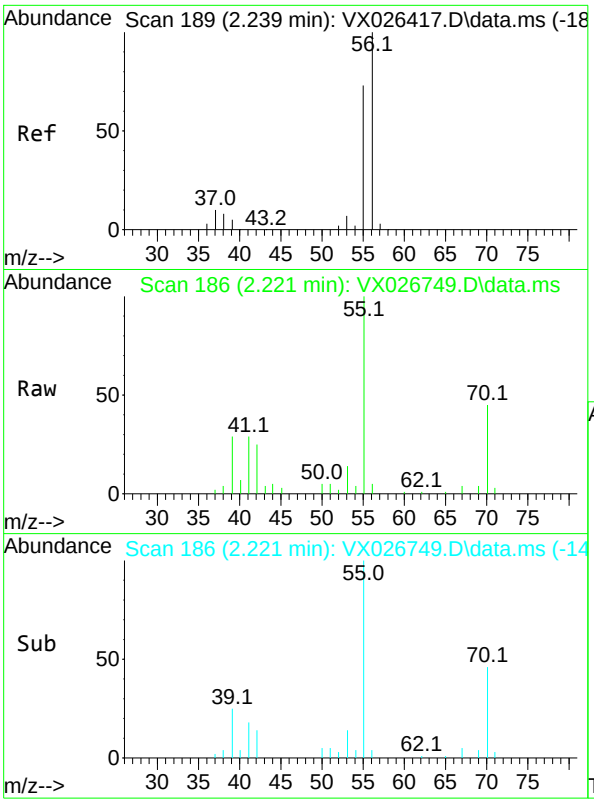


#11
Tert butyl alcohol
Concen: 2.337 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.048 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 59 Resp: 550

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.2	10.8#



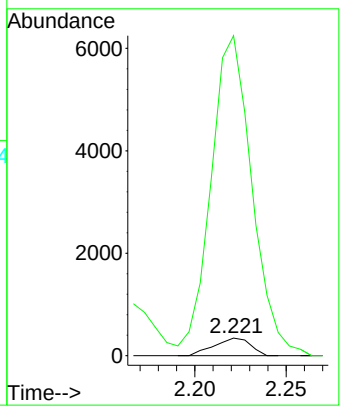


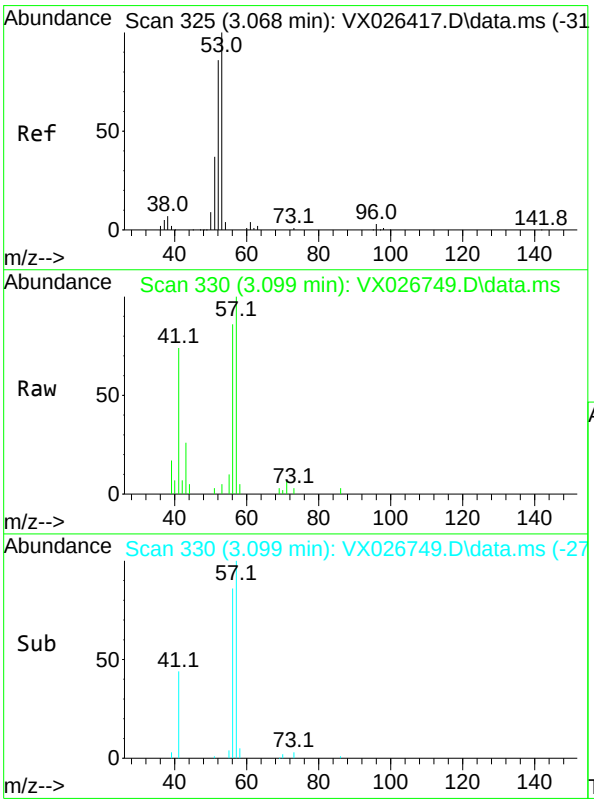
#13
Acrolein
Concen: 1.903 ug/l
RT: 2.221 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 56 Resp: 476

Ion	Ratio	Lower	Upper
56	100		
55	2049.8	56.9	85.3#

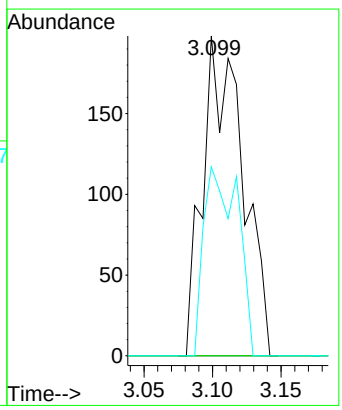


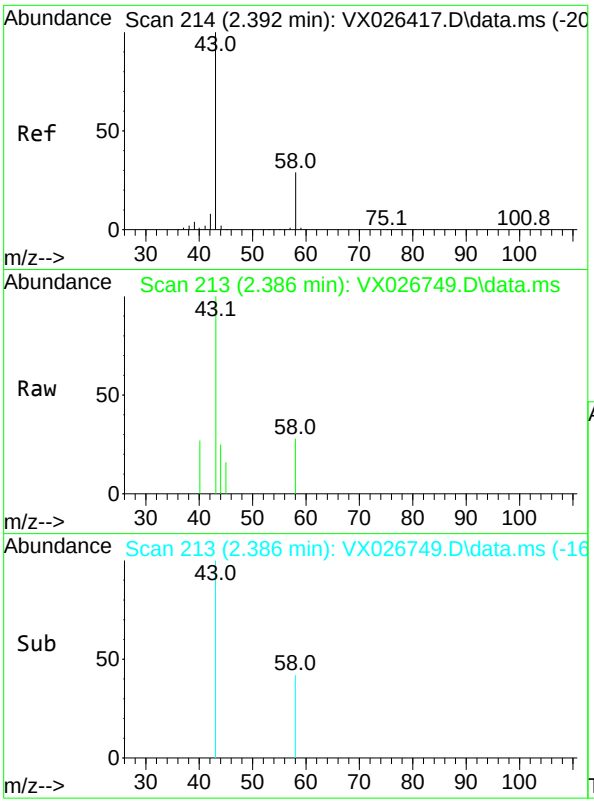


#15
Acrylonitrile
Concen: 0.555 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.031 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 53 Resp: 402

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	100.0#
51	50.5	29.5	44.3#



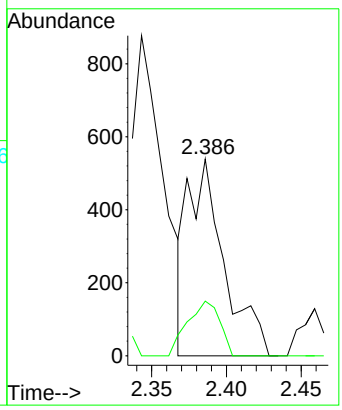


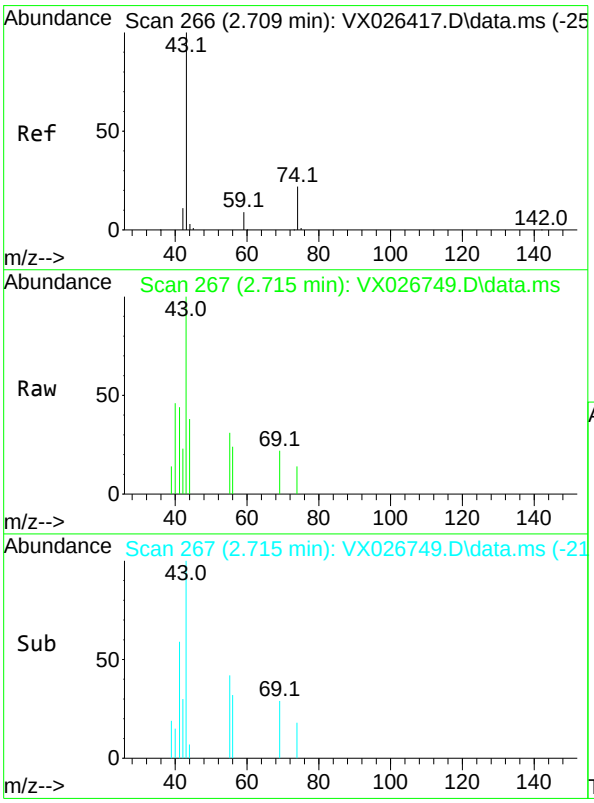
#16
Acetone
Concen: 1.056 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 43 Resp: 911

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.0	34.6

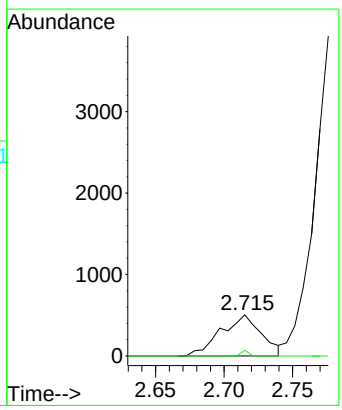


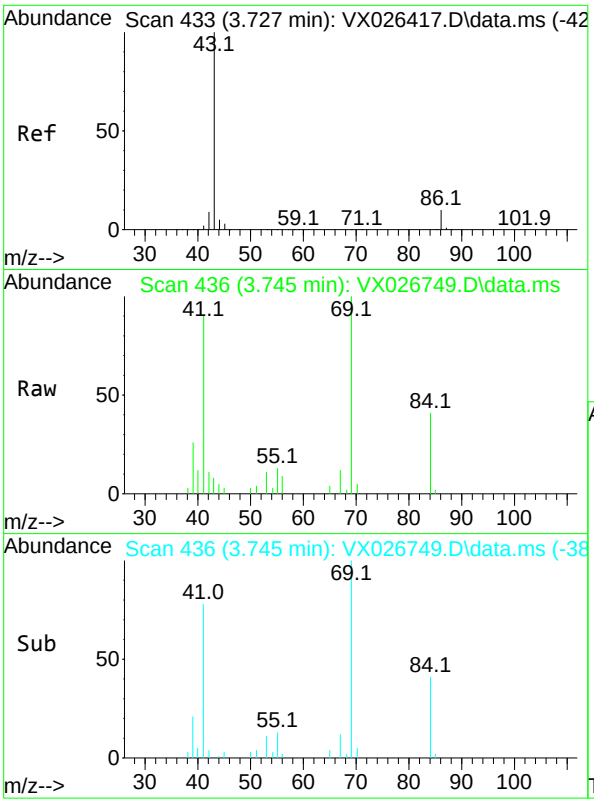


#18
Methyl Acetate
Concen: 0.604 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 43 Resp: 1037

Ion	Ratio	Lower	Upper
43	100		
74	2.4	18.3	27.5#



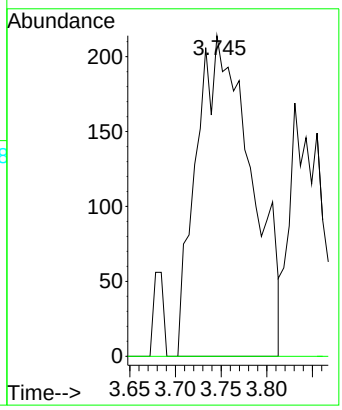


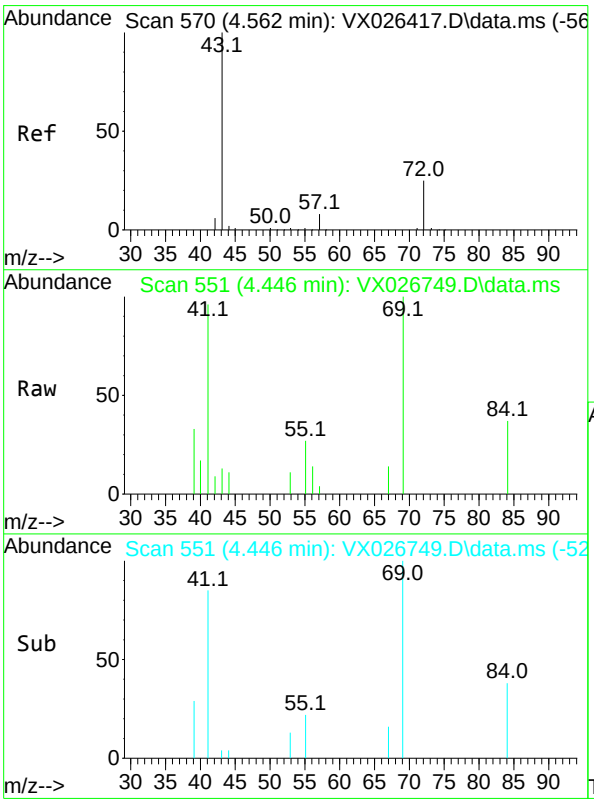
#23
Vinyl Acetate
Concen: 0.231 ug/l
RT: 3.745 min Scan# 4
Delta R.T. 0.018 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 43 Resp: 897

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#

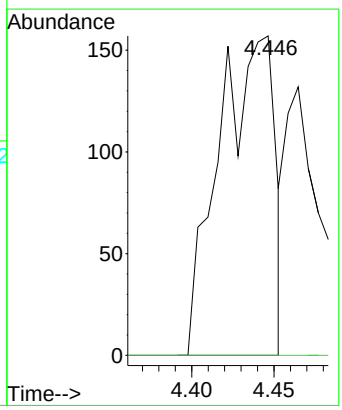


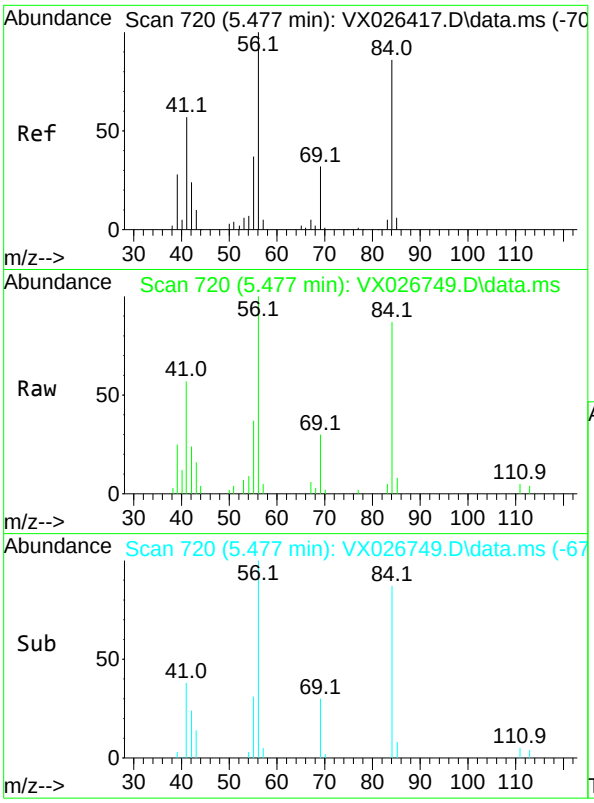


#25
2-Butanone
Concen: 0.330 ug/l
RT: 4.446 min Scan# 551
Delta R.T. -0.116 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 43 Resp: 370

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.4	30.6#



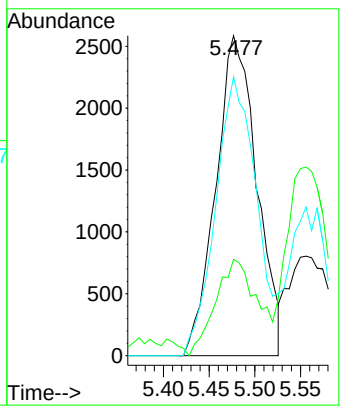


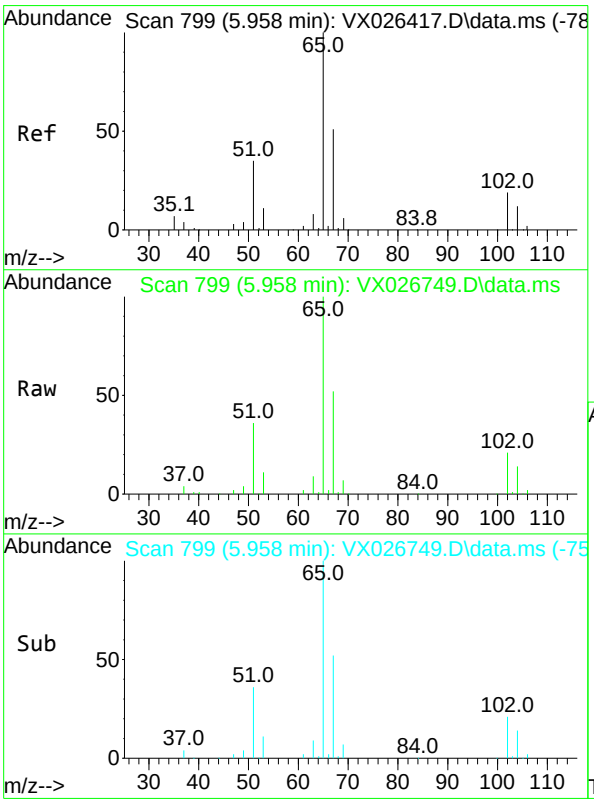
#31
Cyclohexane
Concen: 3.225 ug/l
RT: 5.477 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 56 Resp: 8050

Ion	Ratio	Lower	Upper
56	100		
69	27.1	25.8	38.6
84	87.2	68.9	103.3

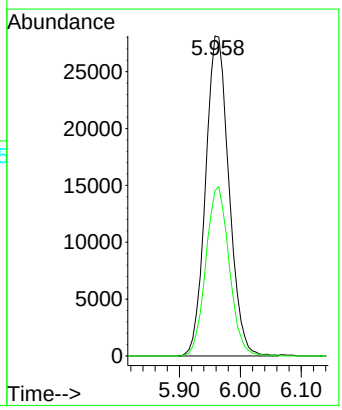


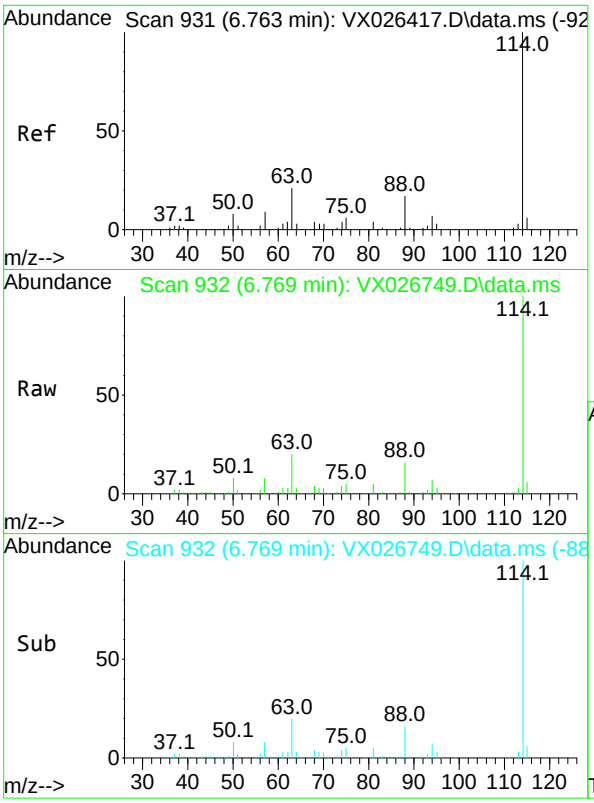


#33
1,2-Dichloroethane-d4
Concen: 44.303 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 65 Resp: 74965

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	100.8



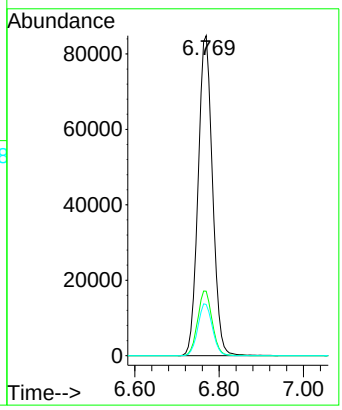


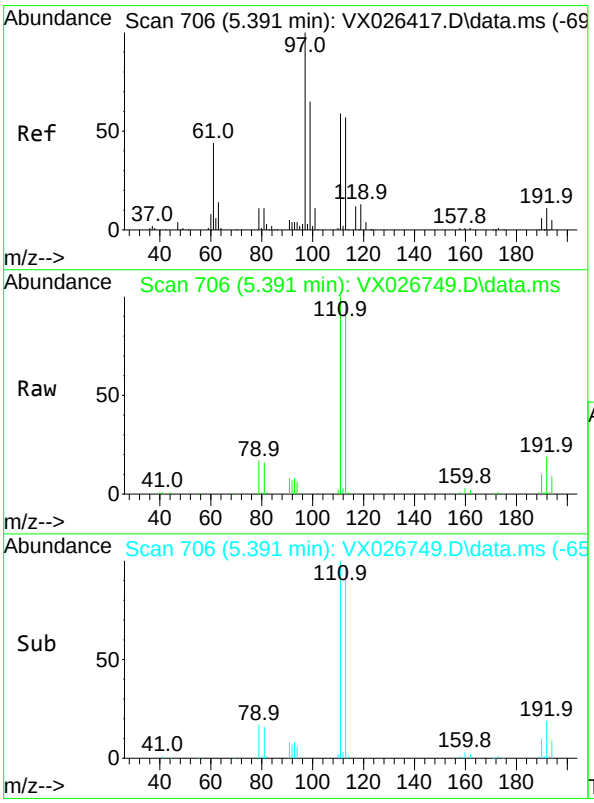
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion:114 Resp: 201715

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.8
88	16.0	0.0	33.0

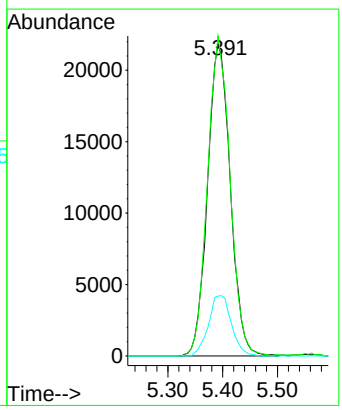


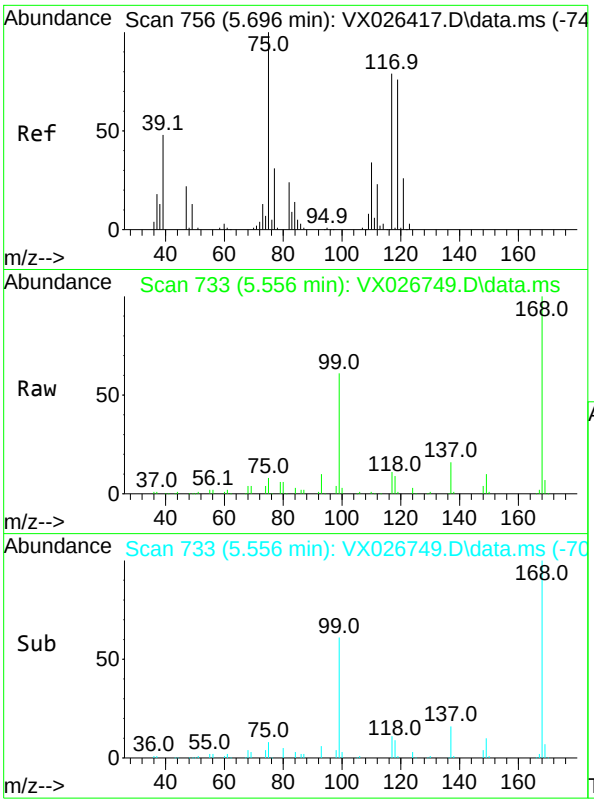


#35
Dibromofluoromethane
Concen: 48.393 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:113 Resp: 63038

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	19.4	15.0	22.4



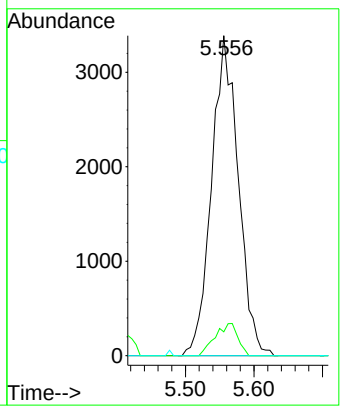


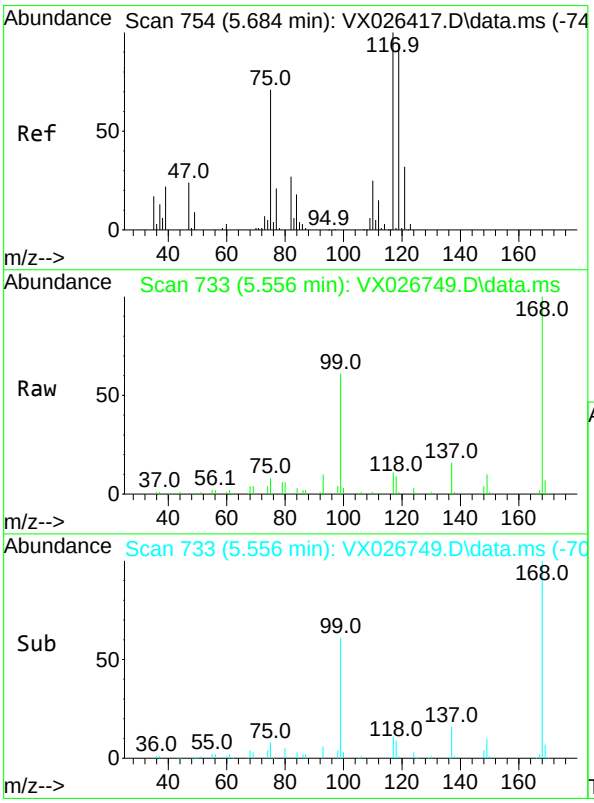
#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 75 Resp: 9163

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.2	51.6#
77	0.0	24.6	36.8#

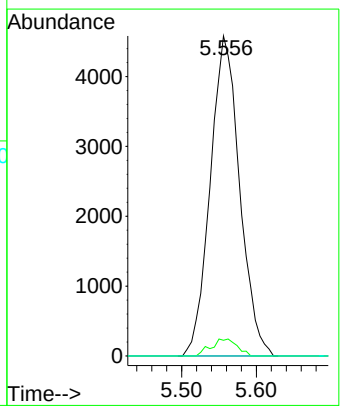


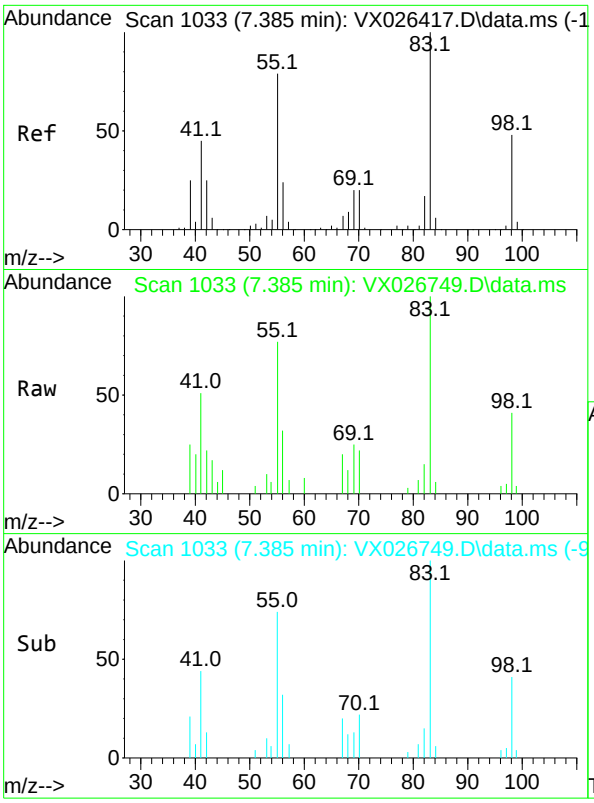


#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:117 Resp: 12537

Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.7	112.1#
121	0.0	25.4	38.0#



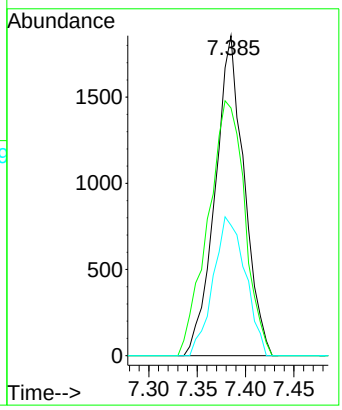


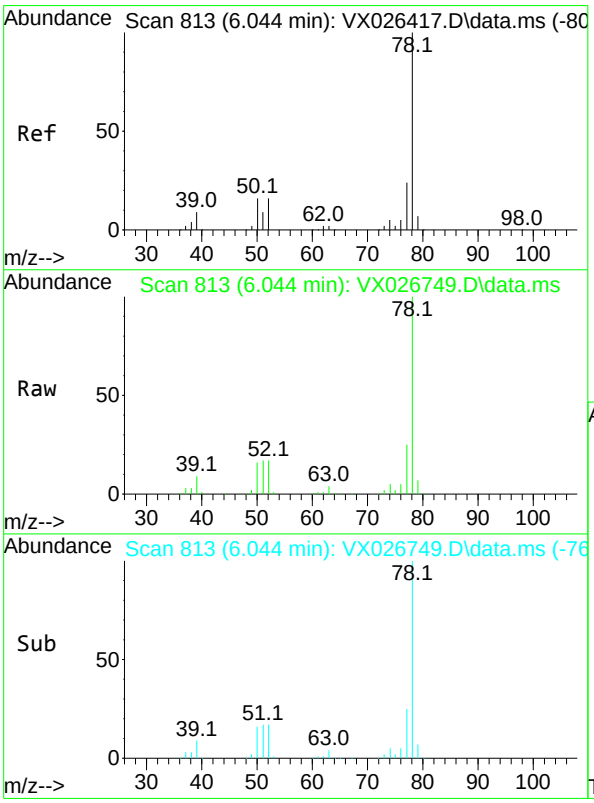
#39
Methylcyclohexane
Concen: 1.561 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 83 Resp: 3873

Ion	Ratio	Lower	Upper
83	100		
55	77.4	63.6	95.4
98	40.8	38.4	57.6

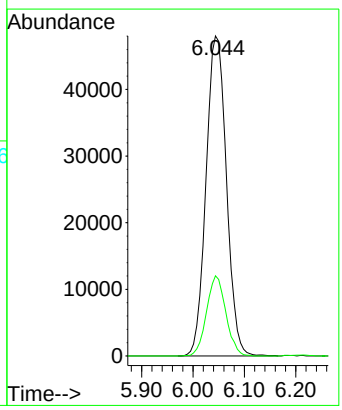


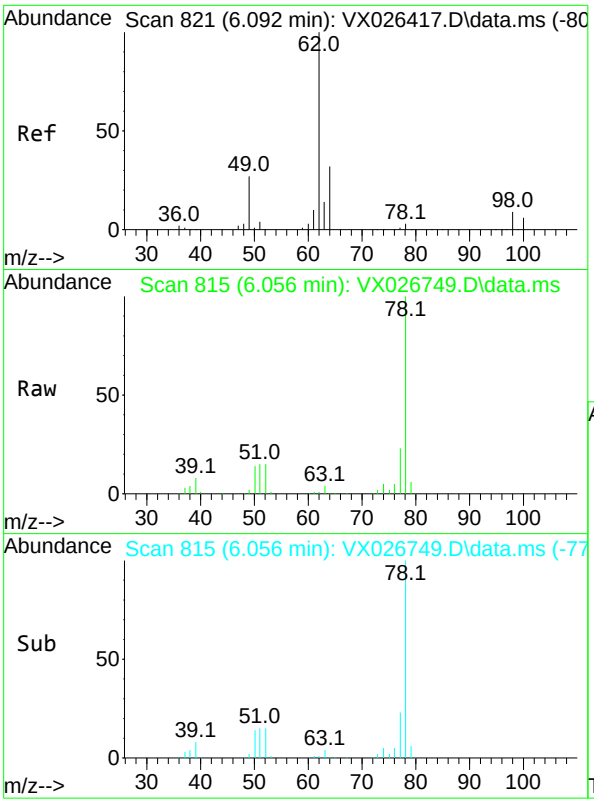


#40
Benzene
Concen: 23.274 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 78 Resp: 132286

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.9	28.3



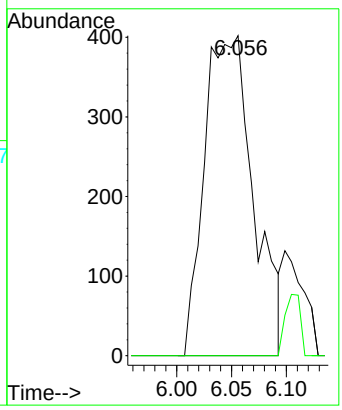


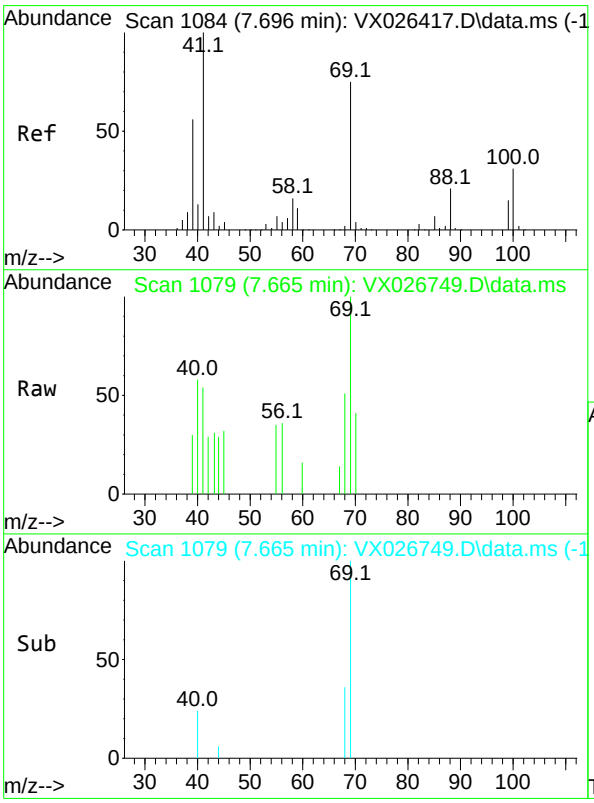
#42
1,2-Dichloroethane
Concen: 0.562 ug/l
RT: 6.056 min Scan# 8
Delta R.T. -0.036 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 62 Resp: 1250

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8

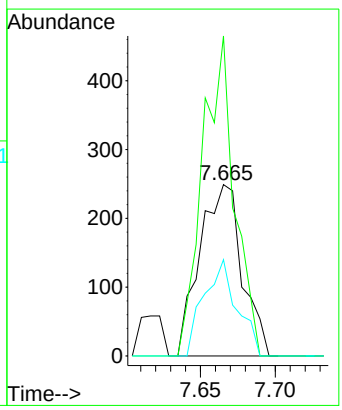


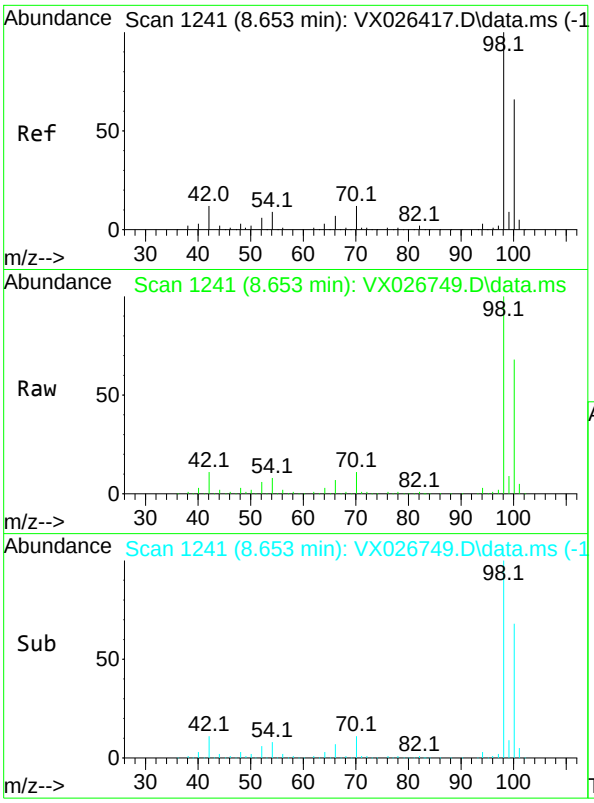


#48
Methyl methacrylate
Concen: 0.295 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.030 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 41 Resp: 492

Ion	Ratio	Lower	Upper
41	100		
69	140.7	62.2	93.4#
39	43.7	45.4	68.0#



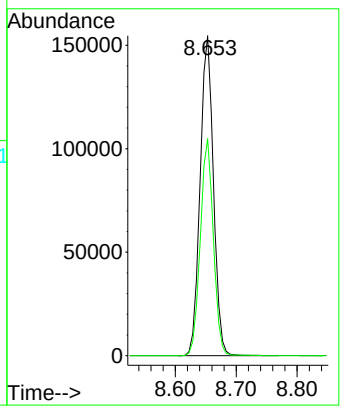


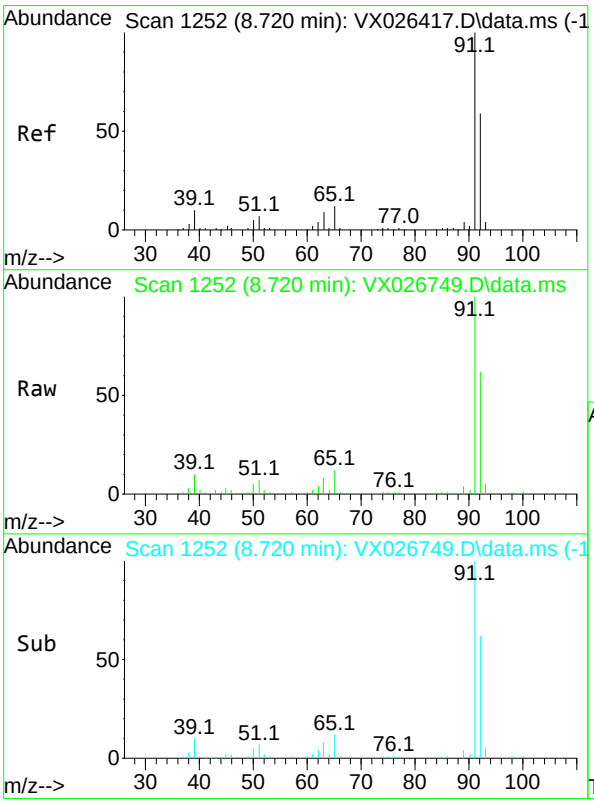
#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 98 Resp: 234796

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.2	79.8

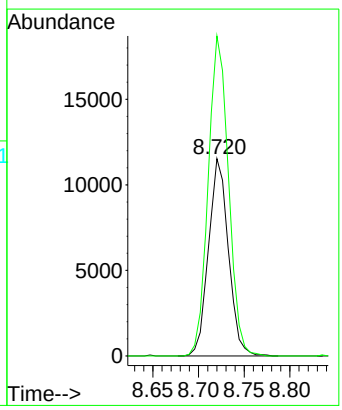


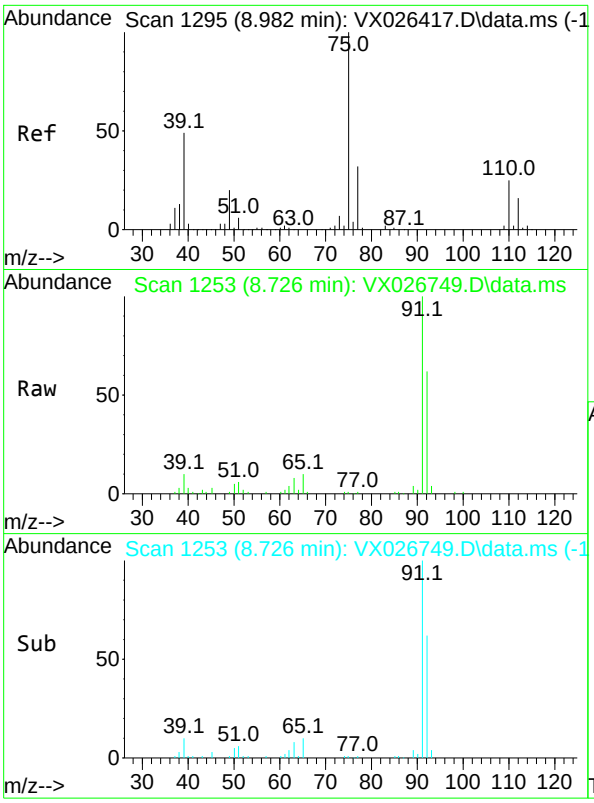


#52
Toluene
Concen: 5.010 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 92 Resp: 17461

Ion	Ratio	Lower	Upper
92	100		
91	165.2	135.7	203.5



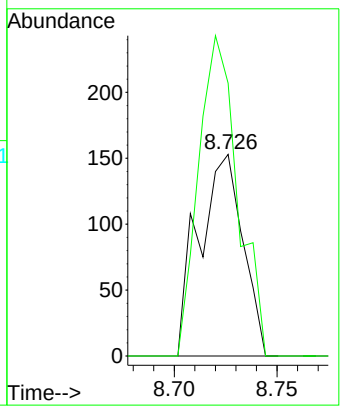


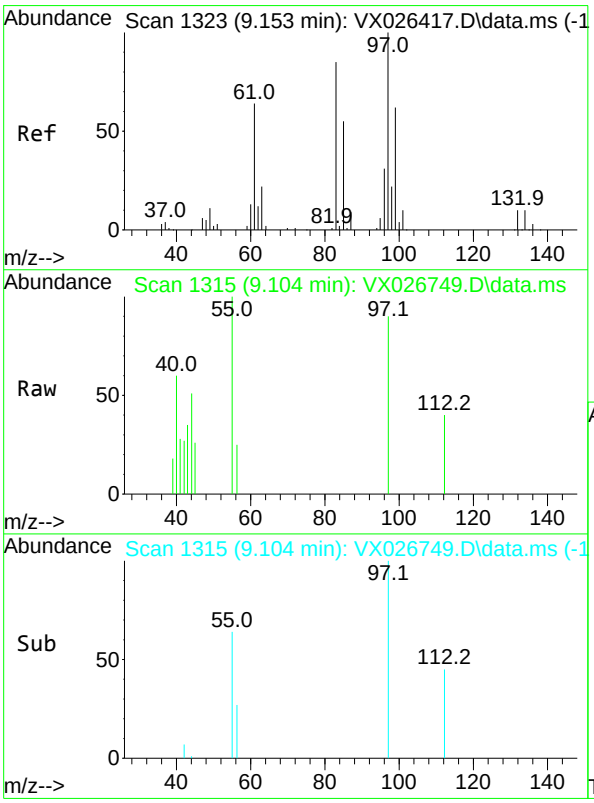
#53
t-1,3-Dichloropropene
Concen: 1.980 ug/l
RT: 8.726 min Scan# 1
Delta R.T. -0.256 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 75 Resp: 228

Ion	Ratio	Lower	Upper
75	100		
77	135.3	25.7	38.5#

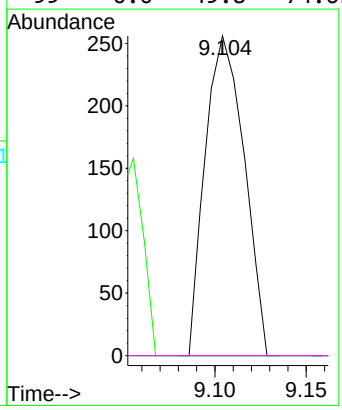


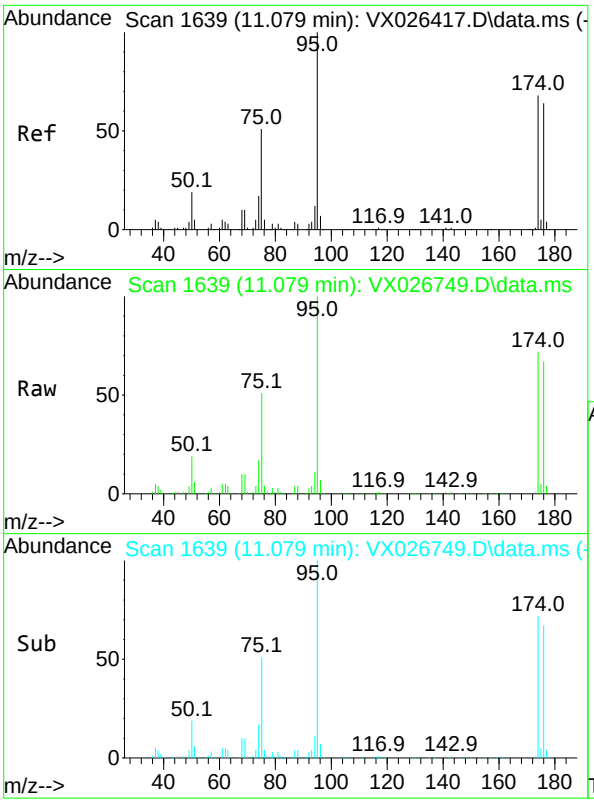


#55
1,1,2-Trichloroethane
Concen: 0.280 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 97 Resp: 381

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.4	102.6#
85	0.0	44.0	66.0#
99	0.0	49.8	74.6#



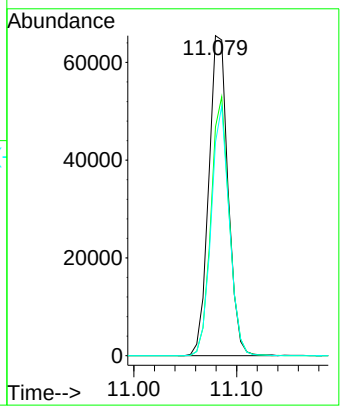


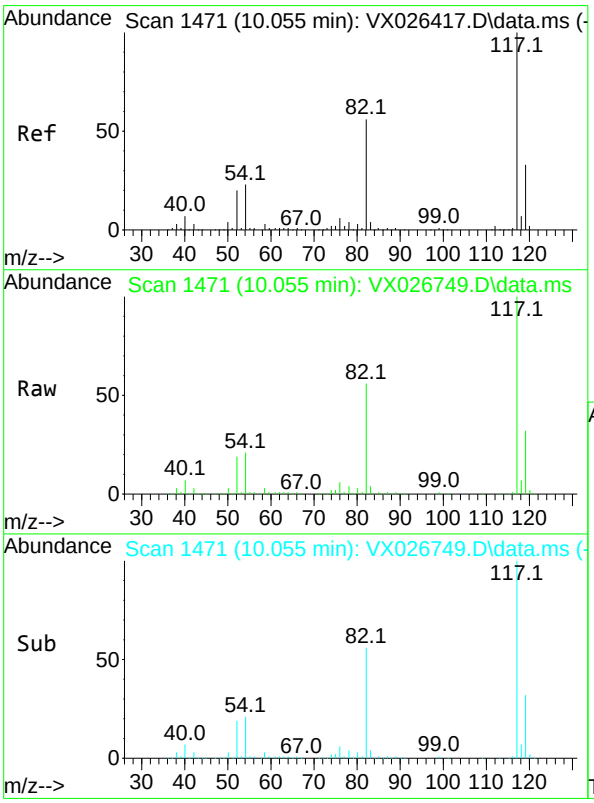
#62
4-Bromofluorobenzene
Concen: 51.233 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 95 Resp: 85431

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	148.6
176	73.4	0.0	141.4

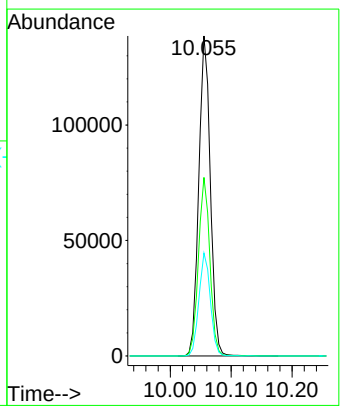


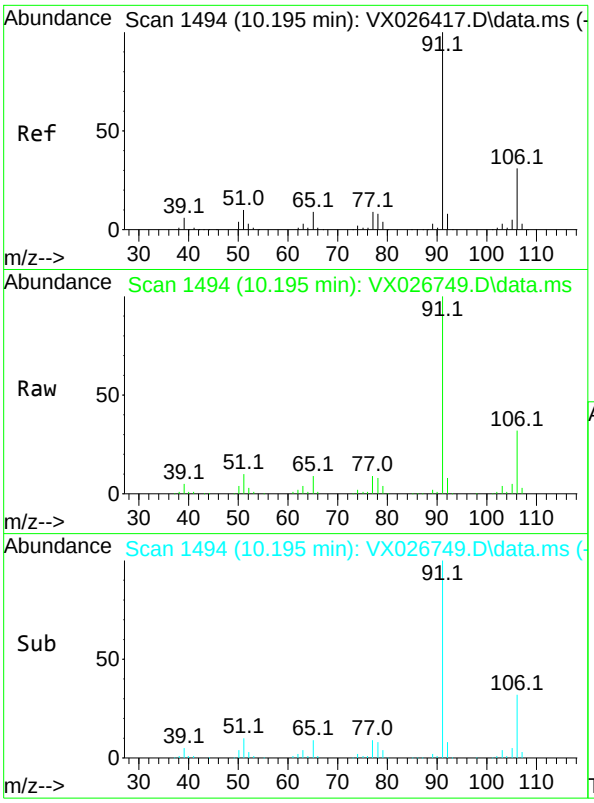


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:117 Resp: 182281

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.2	67.8
119	32.1	26.2	39.2



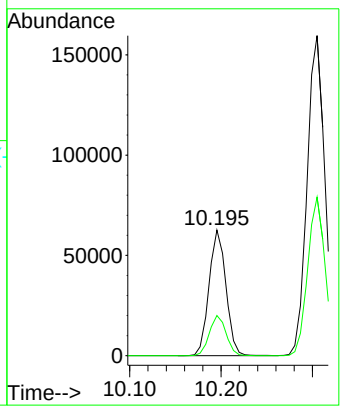


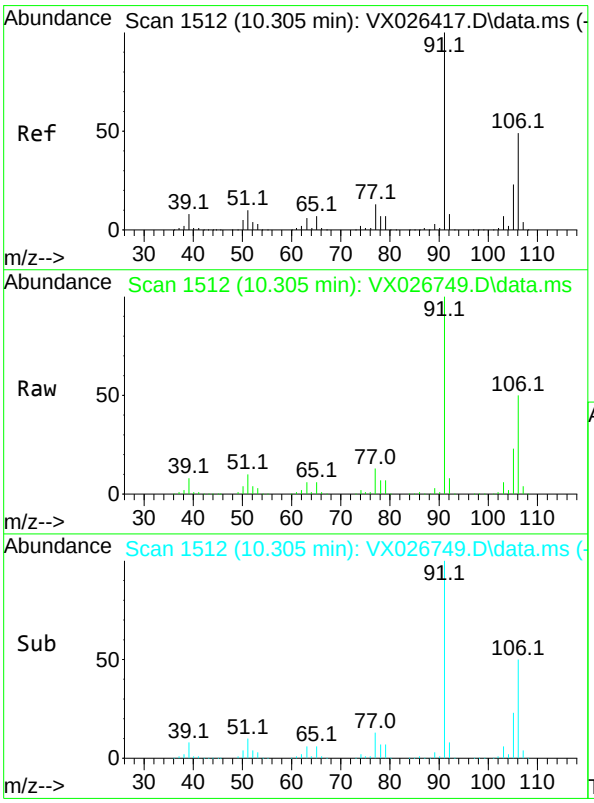
#67
Ethyl Benzene
Concen: 11.533 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 91 Resp: 80452

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.7	37.1

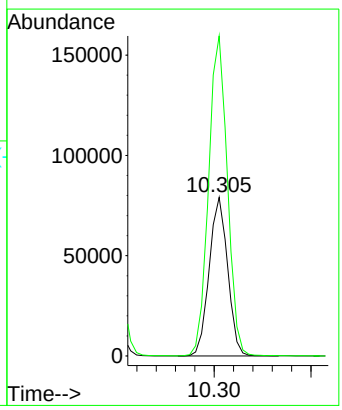


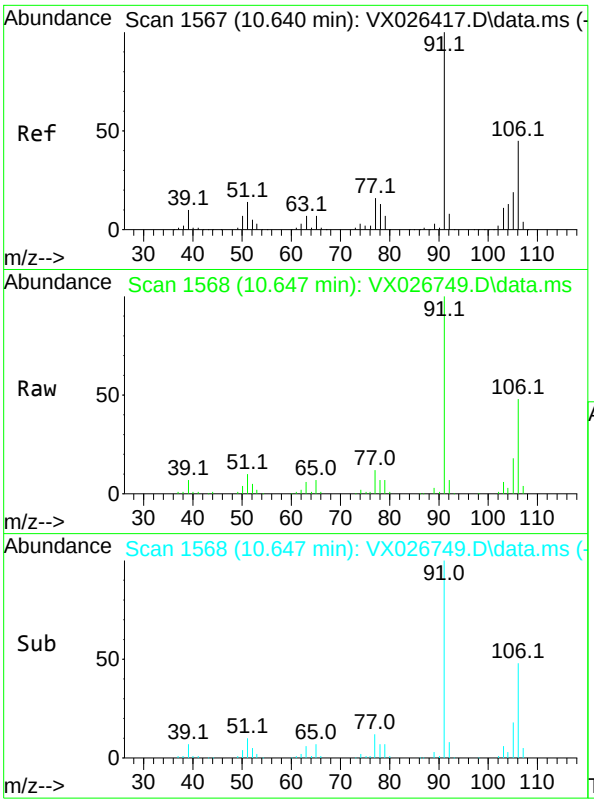


#68
m/p-Xylenes
Concen: 40.253 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:106 Resp: 105078

Ion	Ratio	Lower	Upper
106	100		
91	205.1	165.3	247.9



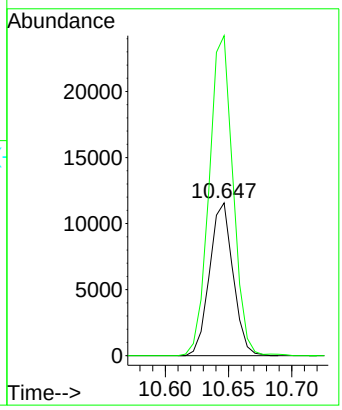


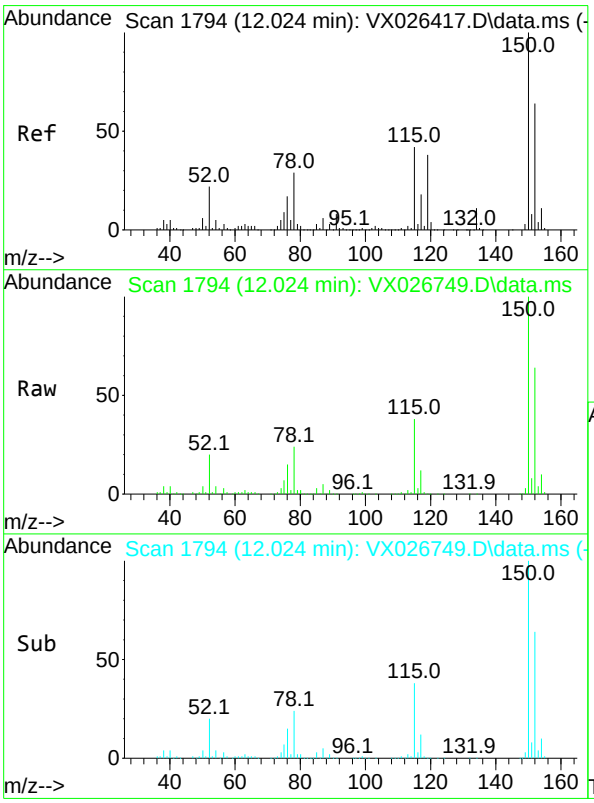
#69
o-Xylene
Concen: 5.915 ug/l
RT: 10.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion:106 Resp: 14899

Ion	Ratio	Lower	Upper
106	100		
91	213.4	109.7	329.0

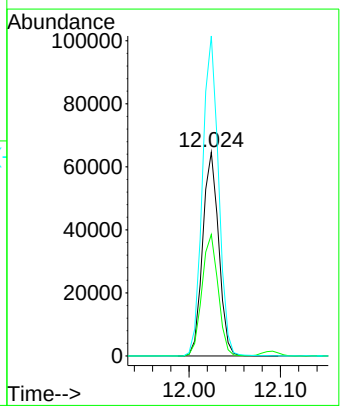


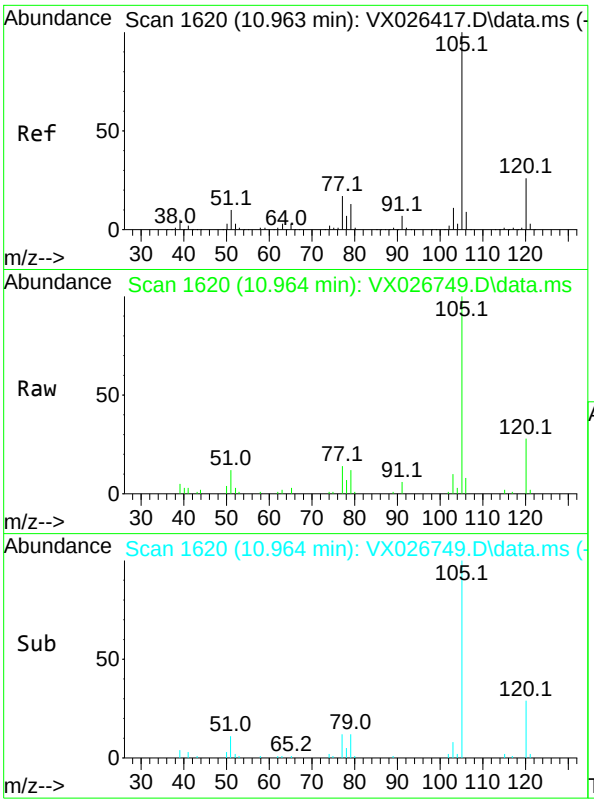


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:152 Resp: 78194

Ion	Ratio	Lower	Upper
152	100		
115	60.3	44.2	132.6
150	157.9	0.0	348.2



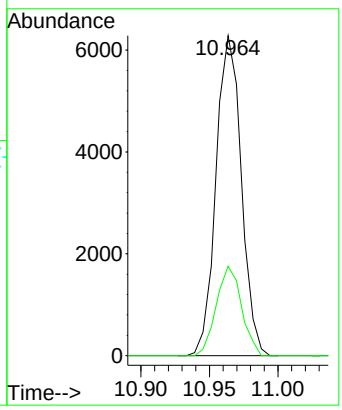


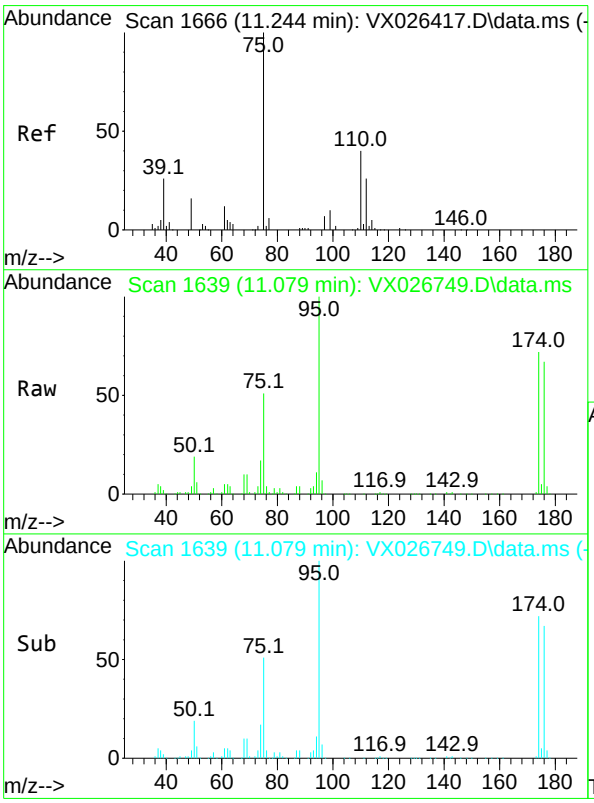
#73
Isopropylbenzene
Concen: 1.257 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion:105 Resp: 8058

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.1	39.1

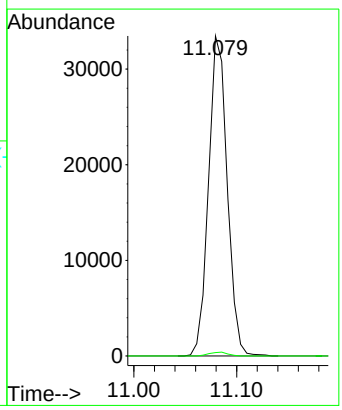


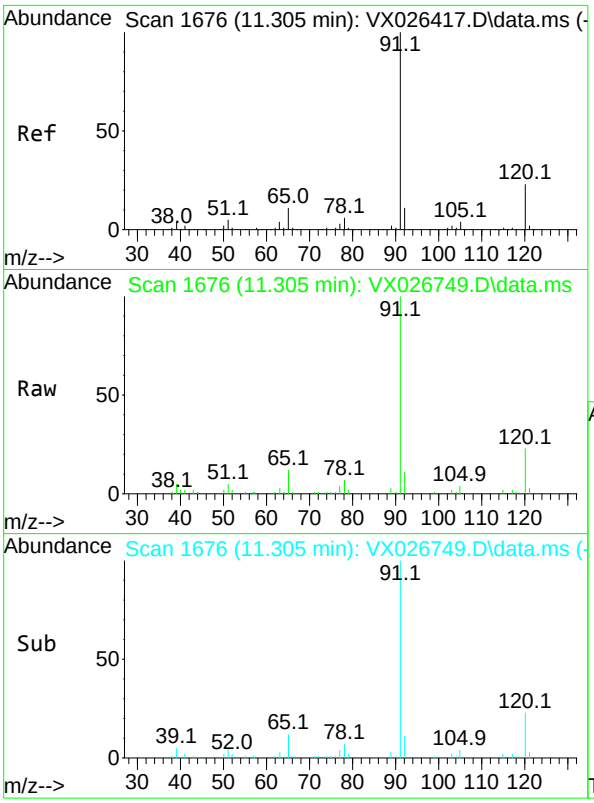


#76
1,2,3-Trichloropropane
Concen: 24.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 75 Resp: 42322

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.3	54.8#



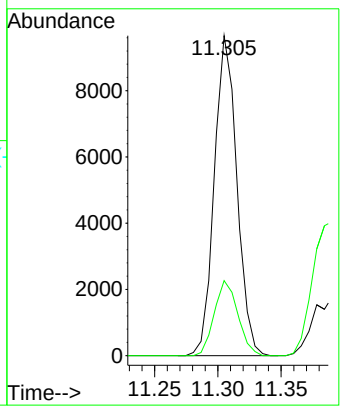


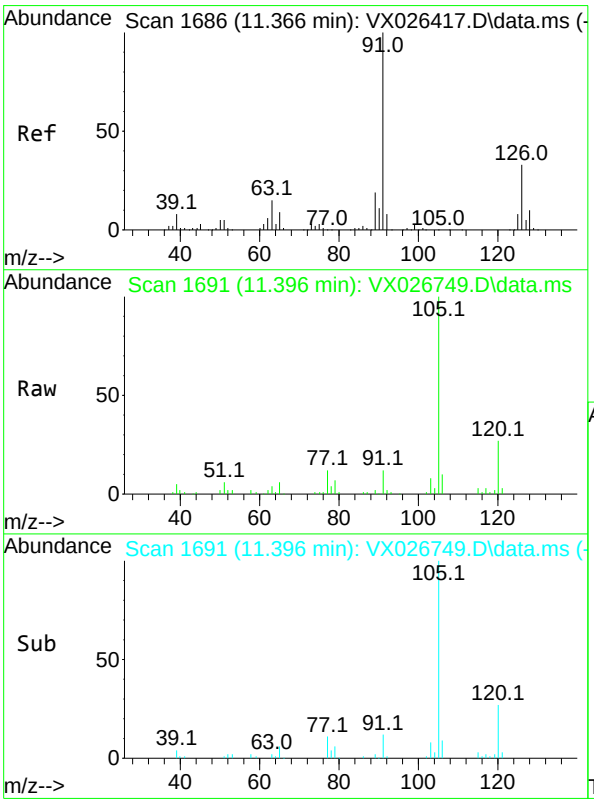
#78
n-propylbenzene
Concen: 1.638 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 91 Resp: 11971

Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.6	34.7

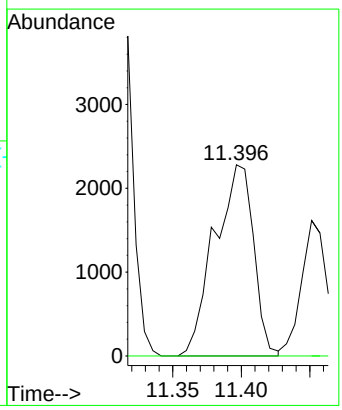


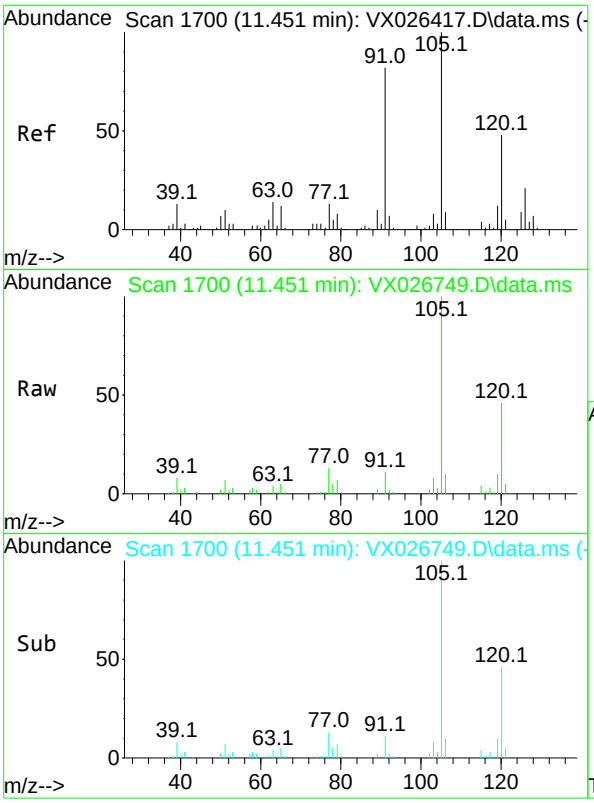


#79
2-Chlorotoluene
Concen: 1.023 ug/l
RT: 11.396 min Scan# 1691
Delta R.T. 0.031 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 91 Resp: 4533

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.2#



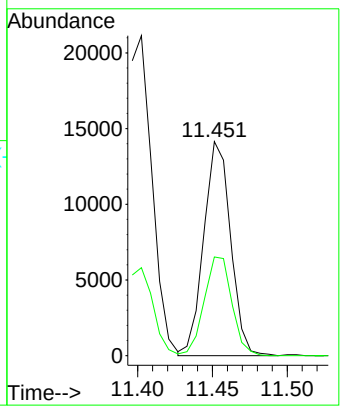


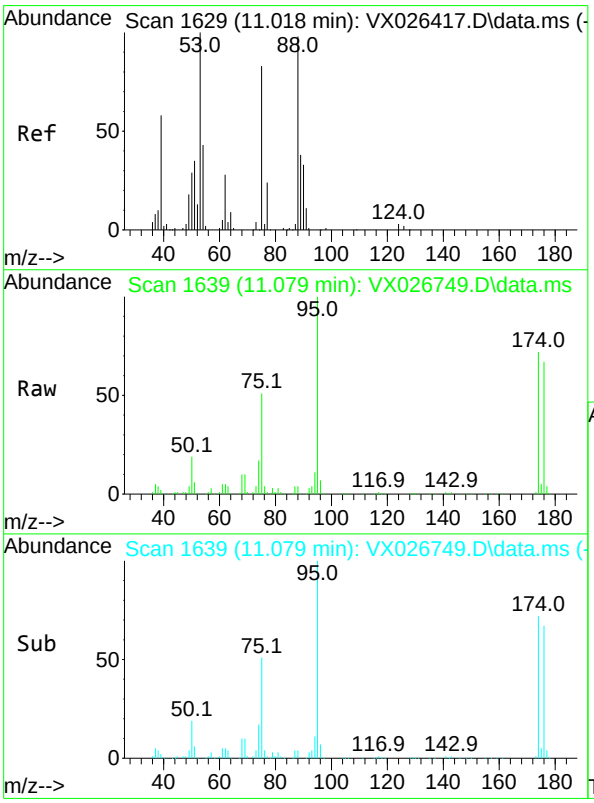
#80
1,3,5-Trimethylbenzene
Concen: 3.344 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion:105 Resp: 17672

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.0	72.0

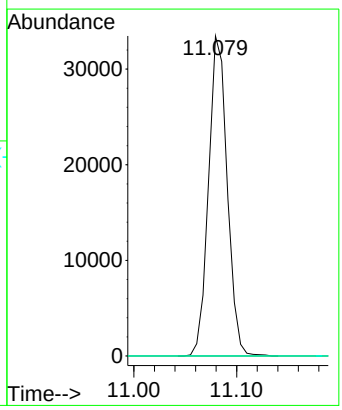


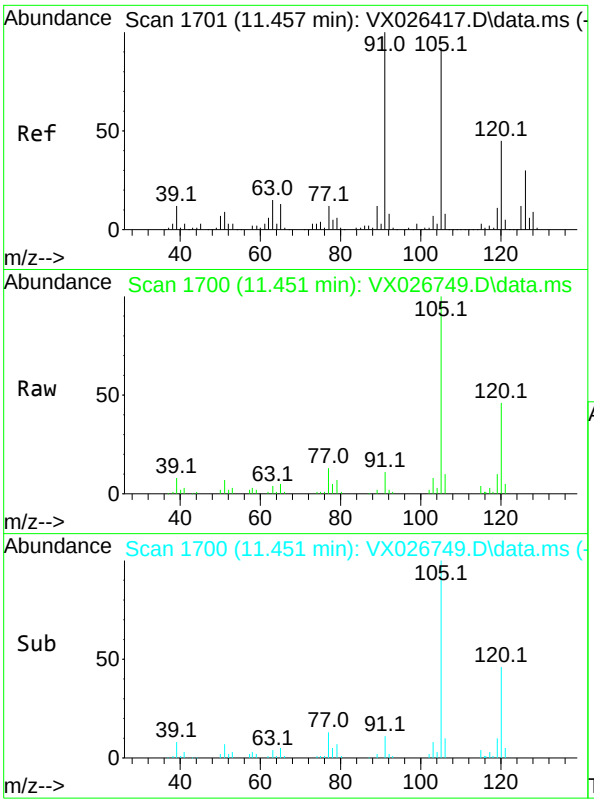


#81
trans-1,4-Dichloro-2-butene
Concen: 74.803 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 75 Resp: 42322

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.0	141.0#
89	0.0	37.0	55.4#



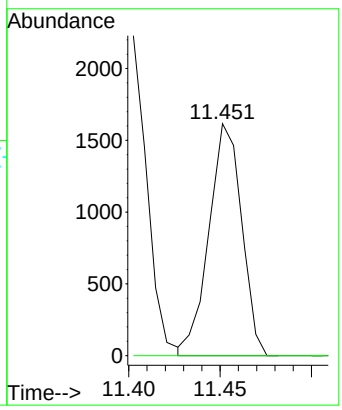


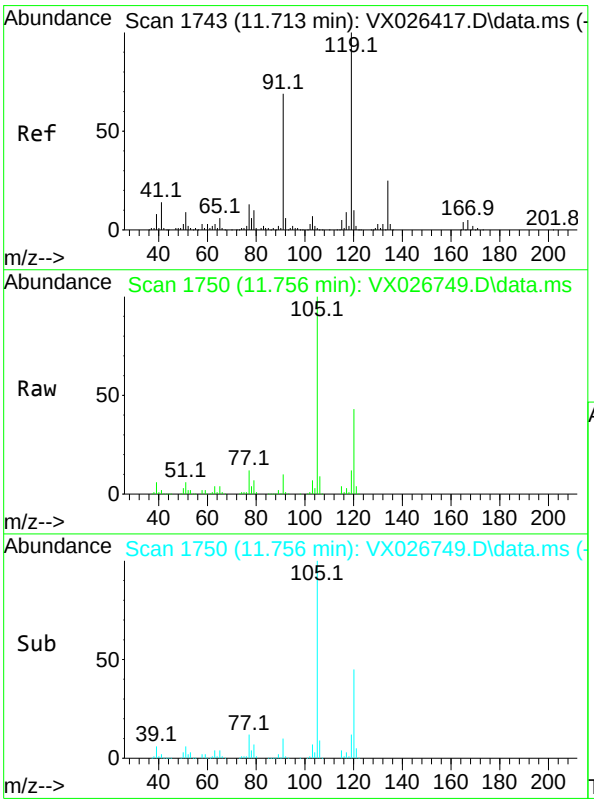
#82
4-Chlorotoluene
Concen: 0.395 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 91 Resp: 2012

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	42.4#

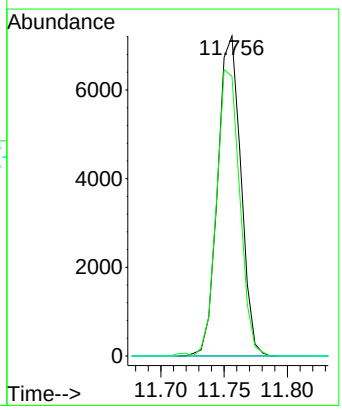


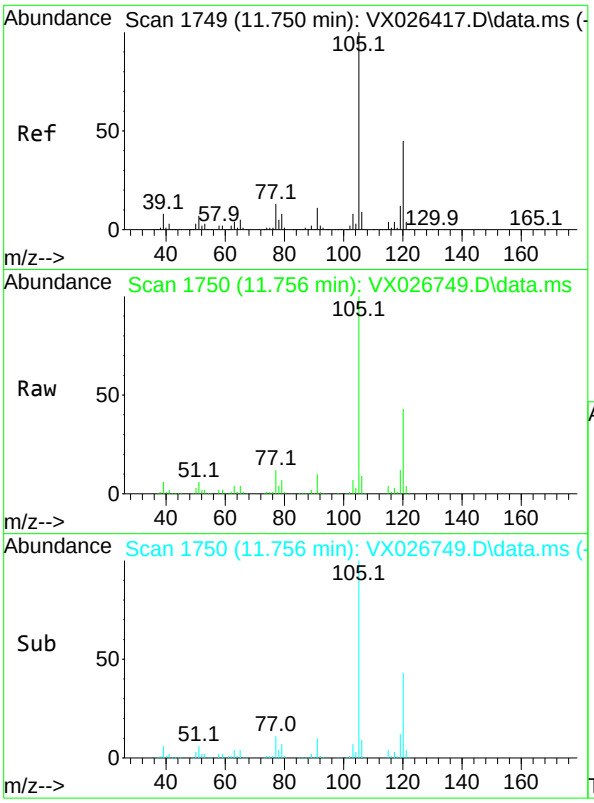


#83
tert-Butylbenzene
Concen: 1.858 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.043 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:119 Resp: 9164

Ion	Ratio	Lower	Upper
119	100		
91	90.0	31.4	94.0
134	0.0	11.8	35.3#



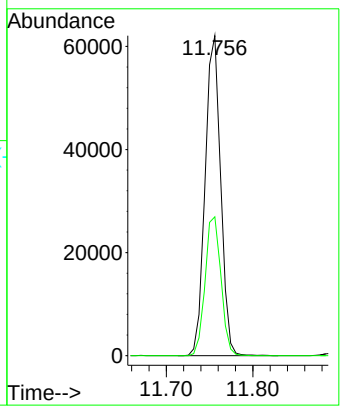


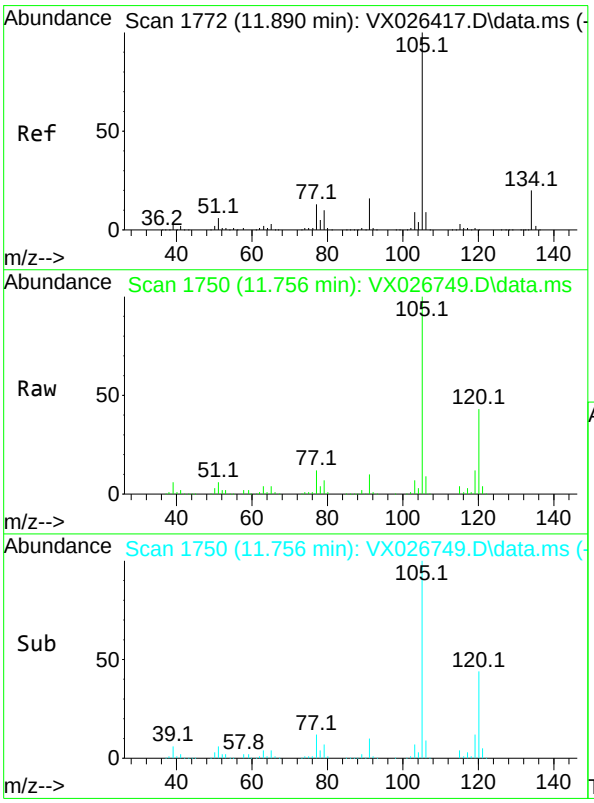
#84
1,2,4-Trimethylbenzene
Concen: 14.627 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion:105 Resp: 77304

Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.9	65.5

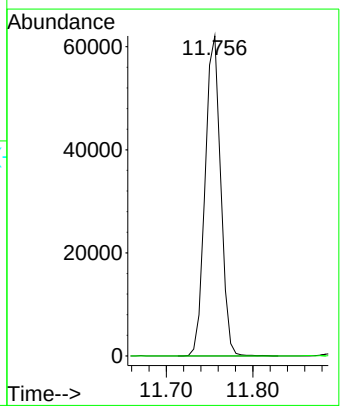


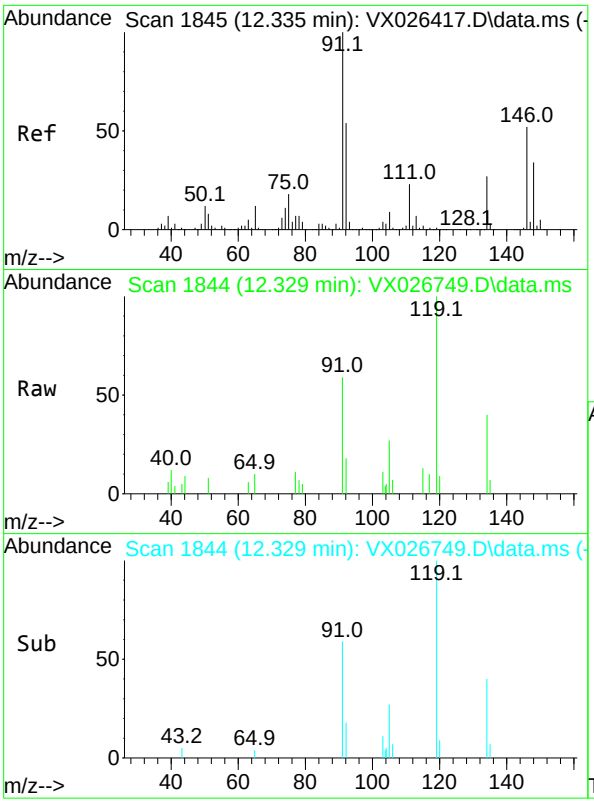


#85
sec-Butylbenzene
Concen: 12.116 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:105 Resp: 77304

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.1#



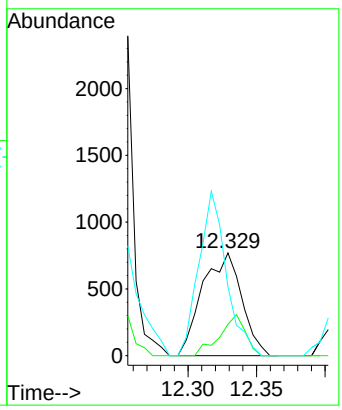


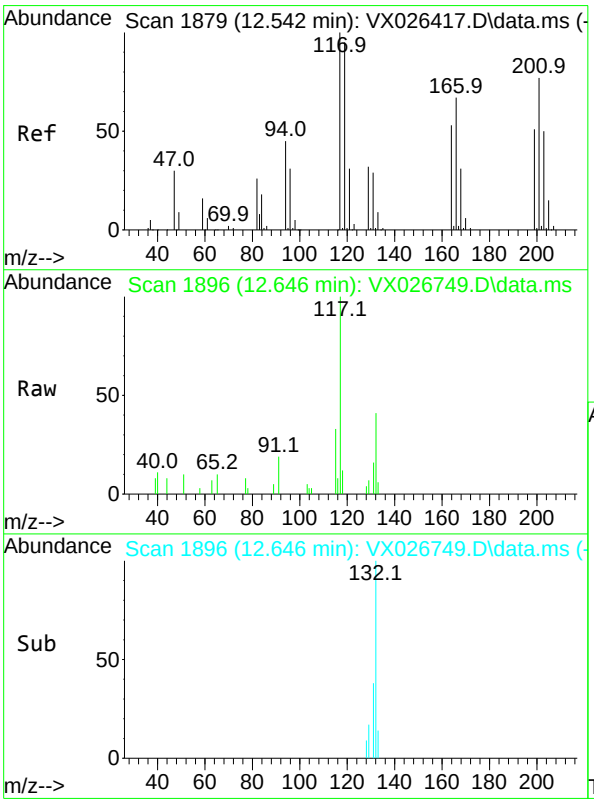
#89
n-Butylbenzene
Concen: 0.334 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion: 91 Resp: 1534

Ion	Ratio	Lower	Upper
91	100		
92	25.9	27.2	81.6#
134	112.1	13.1	39.1#

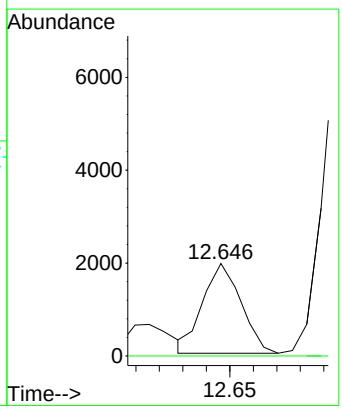


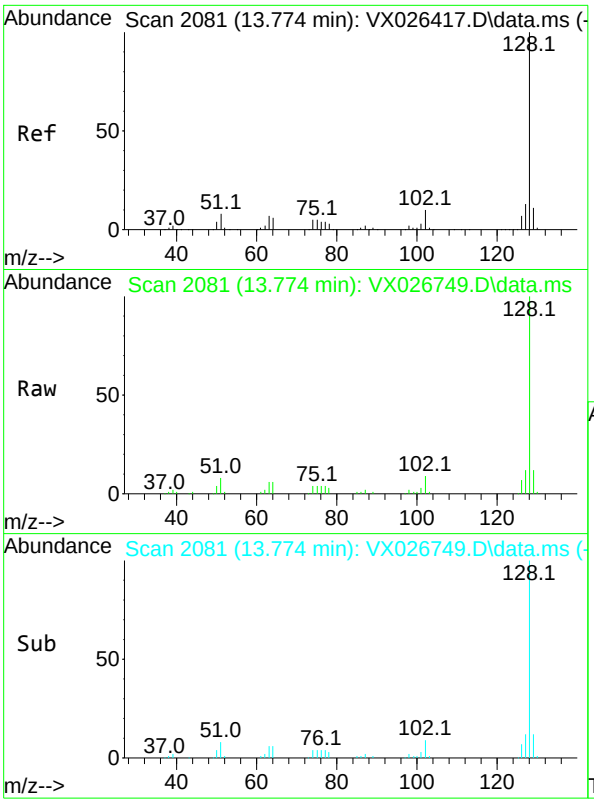


#90
Hexachloroethane
Concen: 4.517 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:117 Resp: 2185

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.6	106.8#





#95
Naphthalene
Concen: 5.800 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

Tgt Ion:128 Resp: 32260

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.0	8.7	13.1