Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
Data File : VX027756.D
Acq On : 28 Mar 2022 17:42
Operator : JC/MD
Sample : N2154-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Time: Mar 29 05:40:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	68362	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50382	44.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.860%			
35) Dibromofluoromethane	5.391	113	39875	50.013	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.020%			
50) Toluene-d8	8.653	98	148546	48.197	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.400%			
62) 4-Bromofluorobenzene	11.079	95	59095	47.253	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.500%			
Target Compounds						Qvalue
6) Chloroethane	1.709	64	133	0.263	ug/l #	43
10) Methyl Iodide	2.459	142	64	2.941	ug/l #	41
11) Tert butyl alcohol	2.953	59	47478	227.427	ug/l	99
15) Acrylonitrile	2.959	53	615	1.203	ug/l #	14
16) Acetone	2.379	43	26084	55.007	ug/l	92
17) Carbon Disulfide	2.514	76	1350	0.693	ug/l #	77
18) Methyl Acetate	2.532	43	8454	6.971	ug/l #	46
20) Methylene Chloride	2.788	84	231	0.273	ug/l #	82
22) Diisopropyl ether	3.843	45	1298	0.474	ug/l #	1
23) Vinyl Acetate	3.849	43	2745	1.147	ug/l #	66
25) 2-Butanone	4.562	43	6487	8.518	ug/l	92
29) Tetrahydrofuran	5.013	42	339	Below Cal #		72
30) Chloroform	5.099	83	2225	1.432	ug/l #	81
31) Cyclohexane	5.550	56	1647	1.211	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	5996	4.761	ug/l #	50
37) Ethyl Acetate	4.562	43	6487	4.426	ug/l #	65
38) Carbon Tetrachloride	5.550	117	7640	6.208	ug/l #	16
41) Methacrylonitrile	4.995	41	213	0.277	ug/l #	23
45) 1,2-Dichloropropane	7.440	63	2359	2.584	ug/l	99
48) Methyl methacrylate	7.903	41	152	Below Cal #		7
51) 4-Methyl-2-Pentanone	8.580	43	4399	2.895	ug/l	89
56) Ethyl methacrylate	9.037	69	463	0.321	ug/l #	23
59) 2-Hexanone	9.439	43	391	0.329	ug/l #	58
68) m/p-Xylenes	10.311	106	866	0.552	ug/l	86
69) o-Xylene	10.646	106	477	0.302	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	30559	22.789	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30559	77.569	ug/l #	15
95) Naphthalene	13.780	128	1280	0.373	ug/l #	91

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

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Instrument :
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MW-4

Quant Time: Mar 29 05:40:24 2022
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Quant Title : SW846 8260
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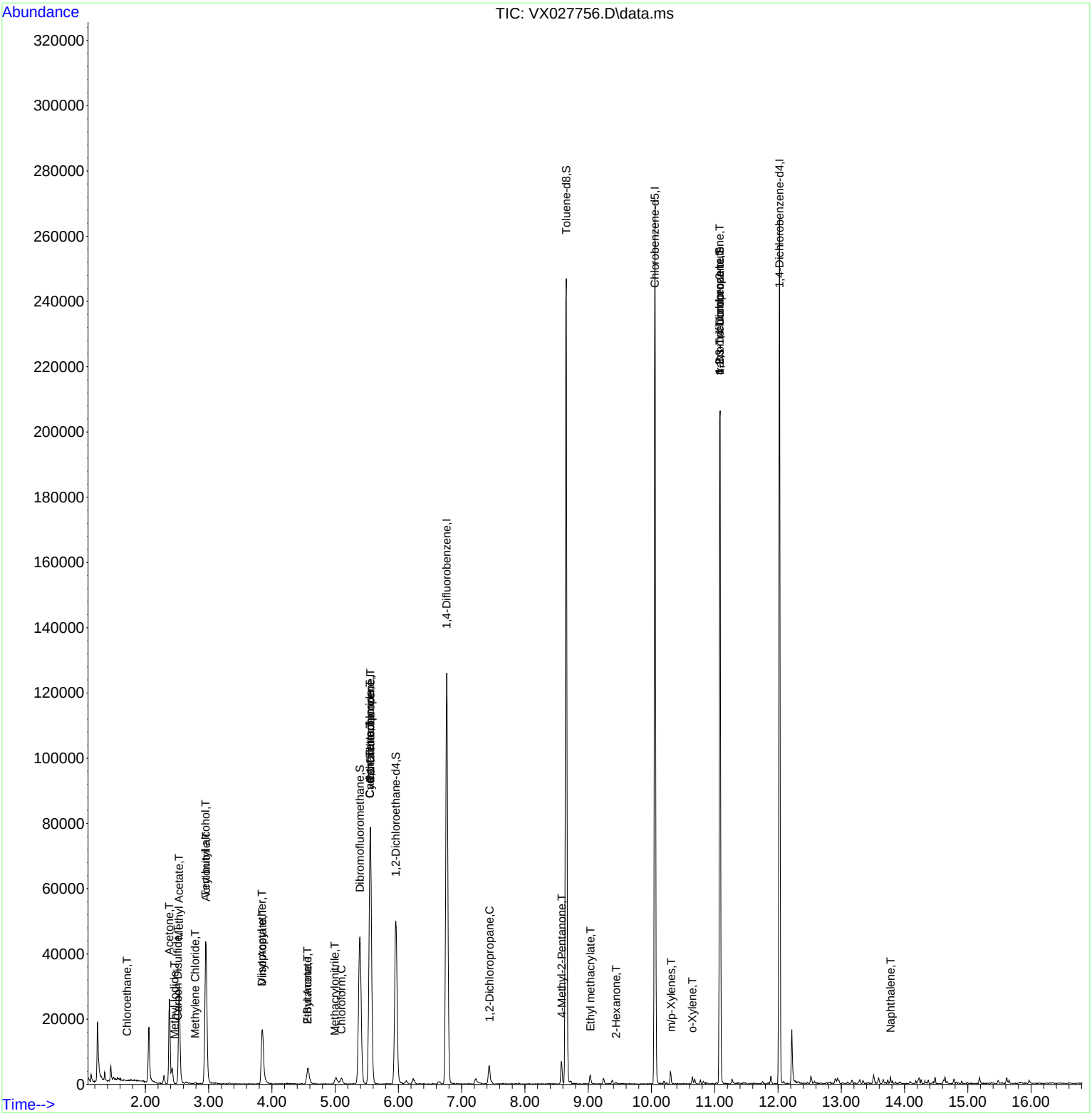
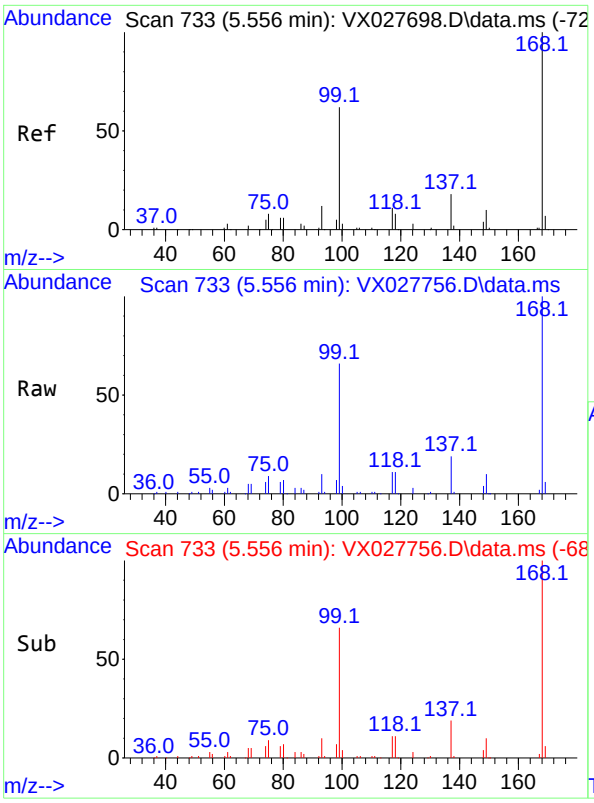
Response via : Initial Calibration



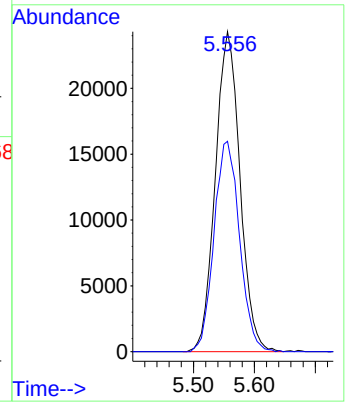


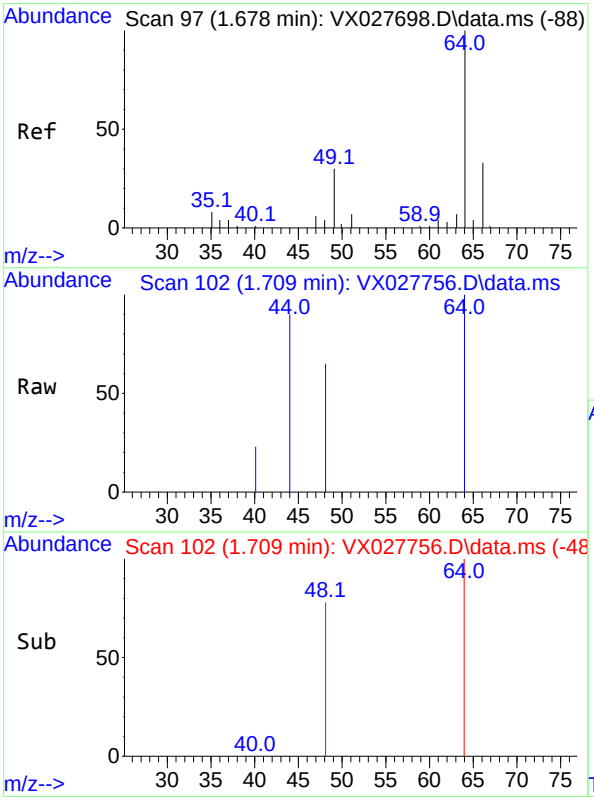
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:168 Resp: 68362

Ion	Ratio	Lower	Upper
168	100		
99	65.8	41.7	62.5#

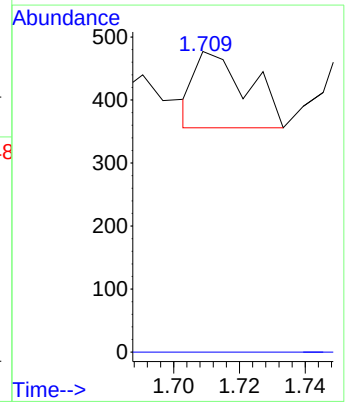


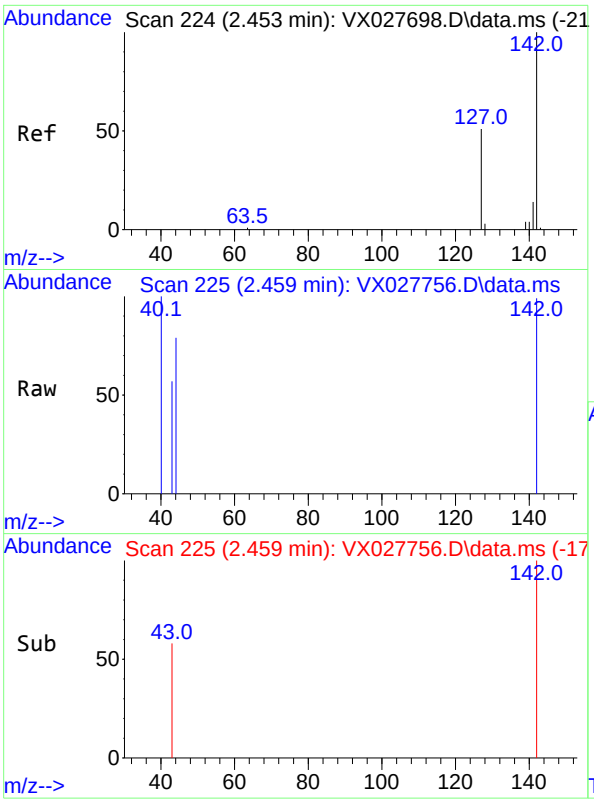


#6
Chloroethane
Concen: 0.263 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 64 Resp: 133

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



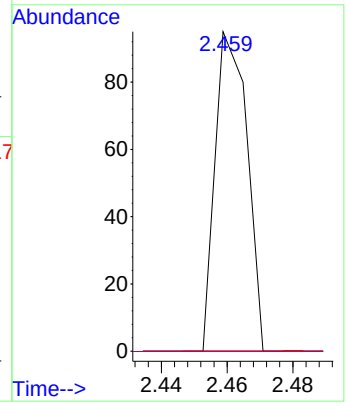


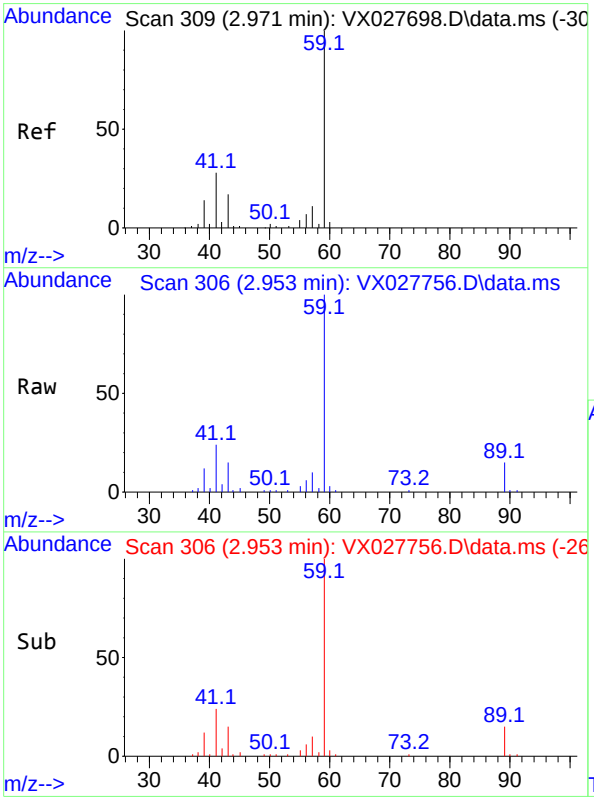
#10
Methyl Iodide
Concen: 2.941 ug/l
RT: 2.459 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.9	50.9#
141	0.0	11.4	17.2#

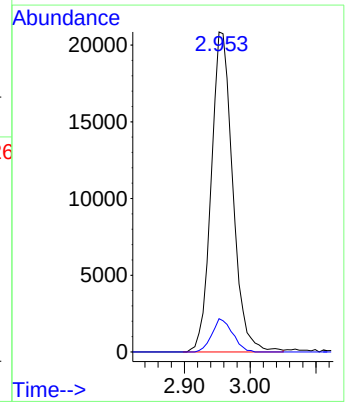


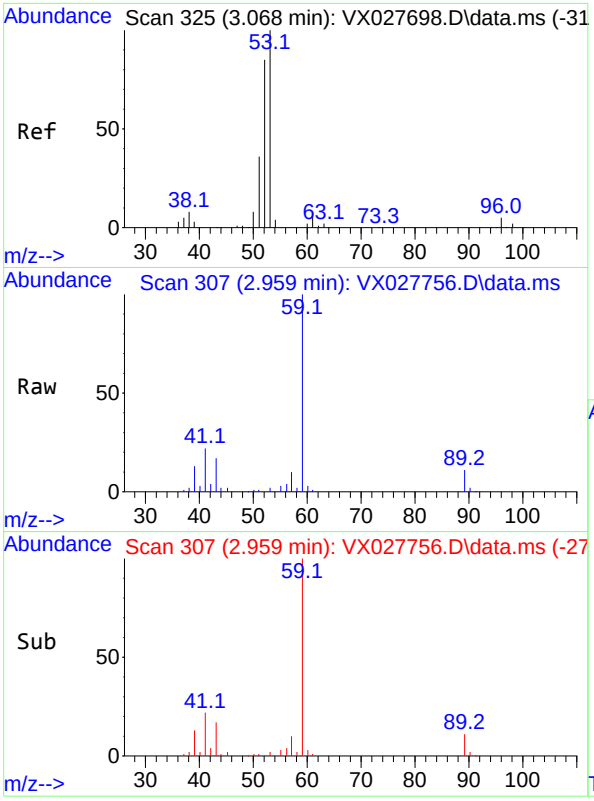


#11
Tert butyl alcohol
Concen: 227.427 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 59 Resp: 47478

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5



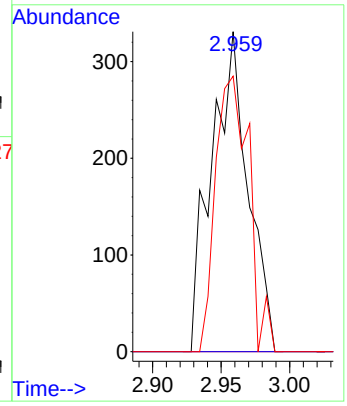


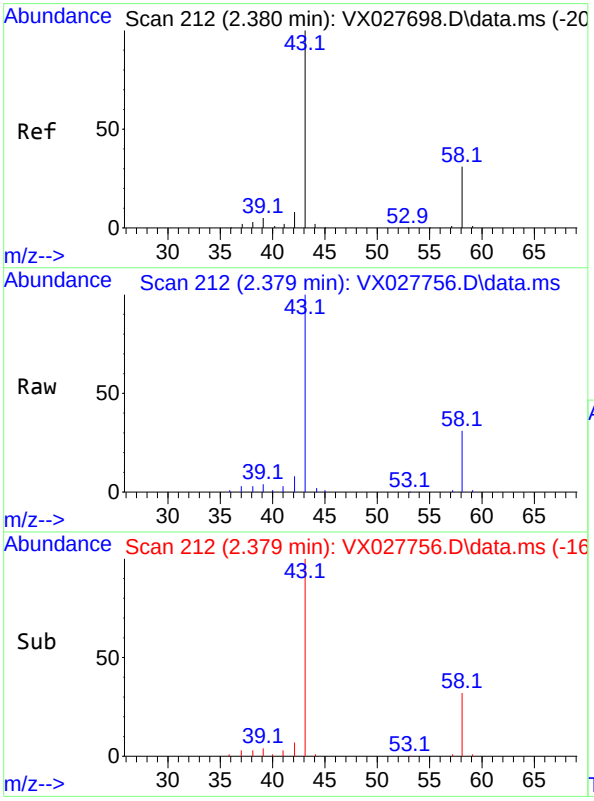
#15
Acrylonitrile
Concen: 1.203 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.109 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 53 Resp: 615

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.7	98.5#
51	78.4	28.4	42.6#

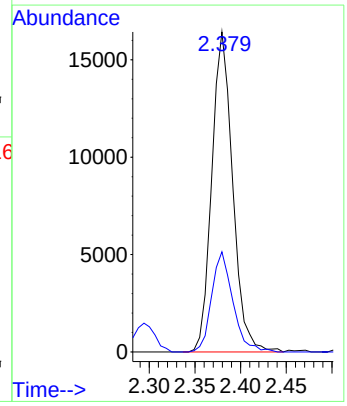


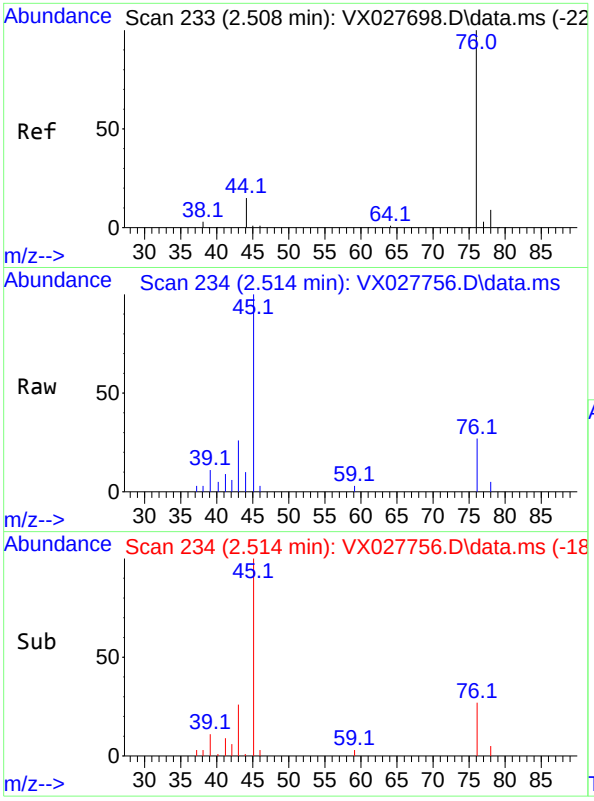


#16
Acetone
Concen: 55.007 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 43 Resp: 26084

Ion	Ratio	Lower	Upper
43	100		
58	31.3	28.8	43.2



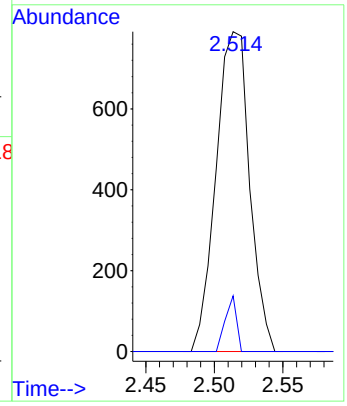


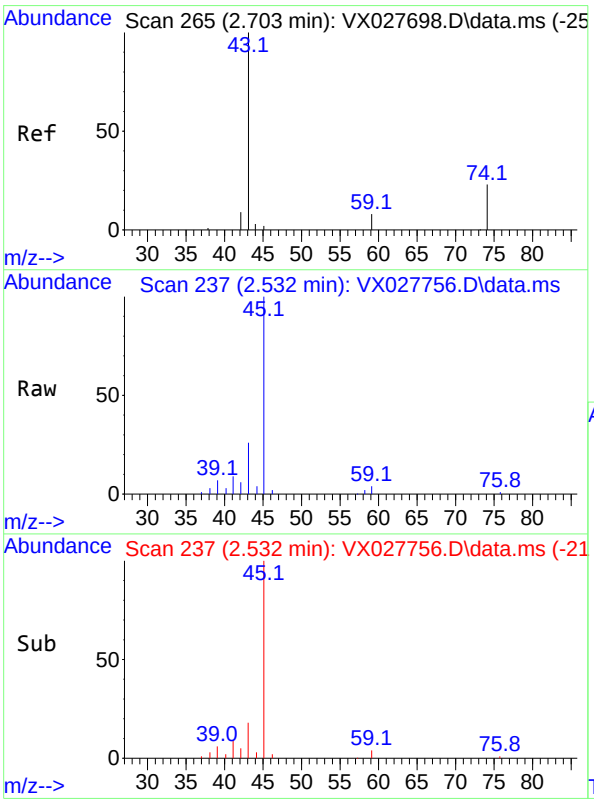
#17
Carbon Disulfide
Concen: 0.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 76 Resp: 1350

Ion	Ratio	Lower	Upper
76	100		
78	17.4	7.2	10.8#

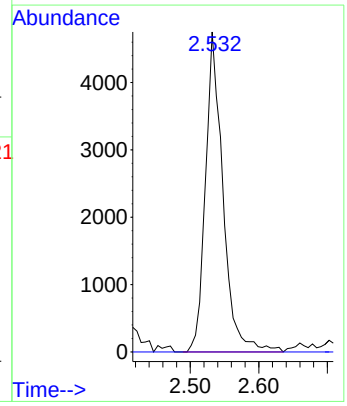


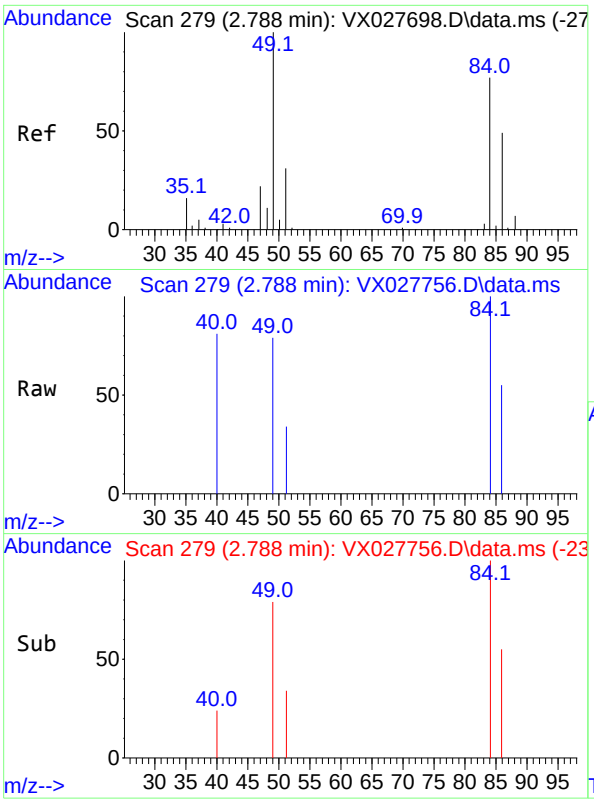


#18
Methyl Acetate
Concen: 6.971 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 43 Resp: 8454

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.8	34.2#



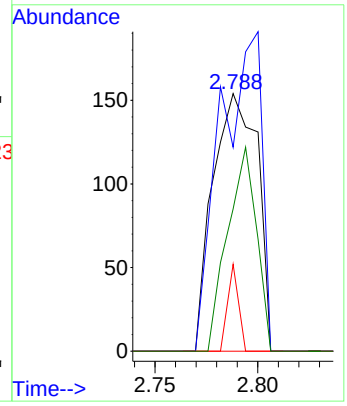


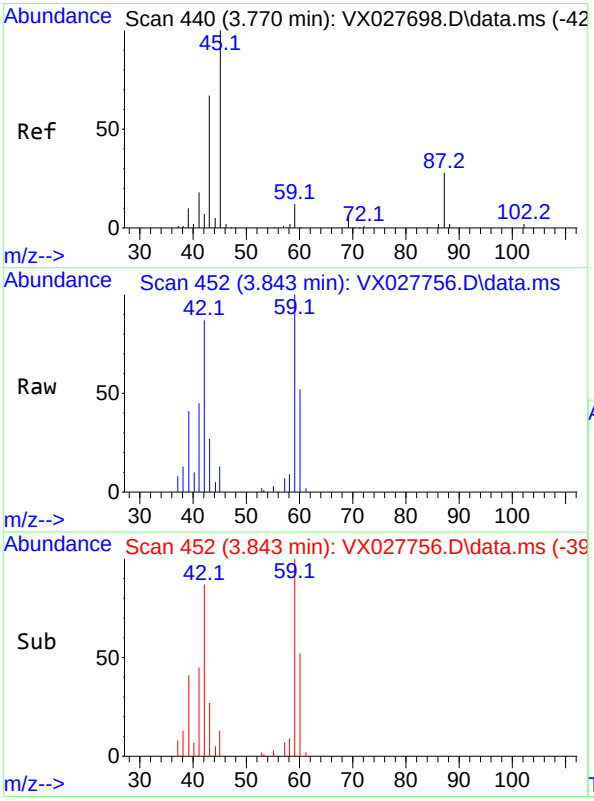
#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 84 Resp: 231

Ion	Ratio	Lower	Upper
84	100		
49	79.2	85.5	128.3#
51	33.8	26.6	39.8
86	55.2	51.5	77.3

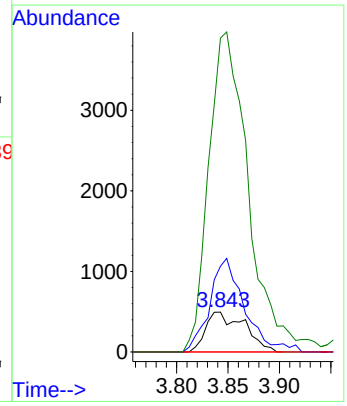


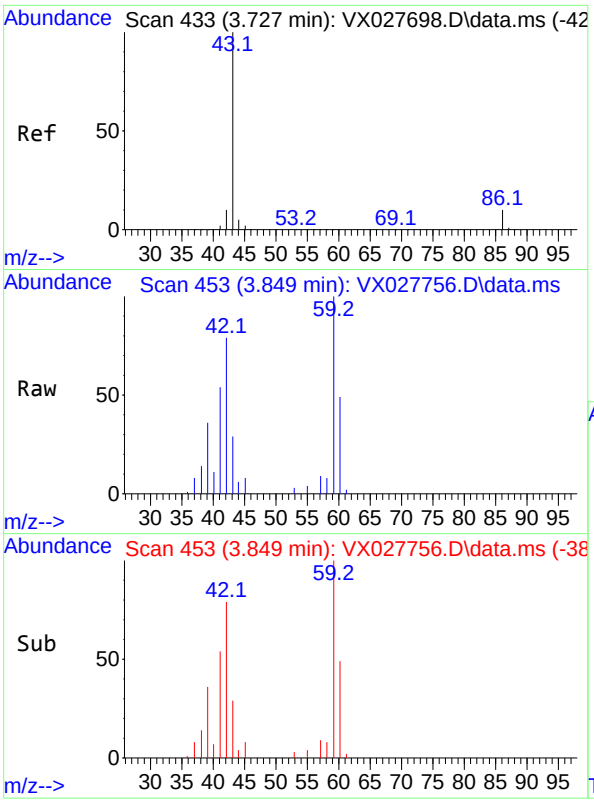


#22
Diisopropyl ether
Concen: 0.474 ug/l
RT: 3.843 min Scan# 452
Delta R.T. 0.073 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 45 Resp: 1298

Ion	Ratio	Lower	Upper
45	100		
43	215.2	50.8	76.2#
87	0.0	26.6	39.8#
59	787.3	10.5	15.7#



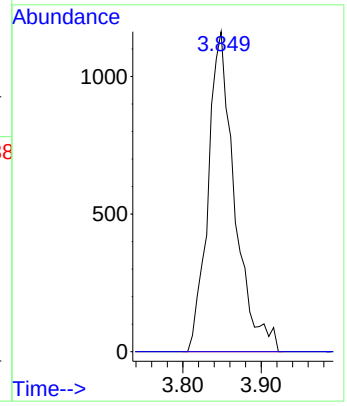


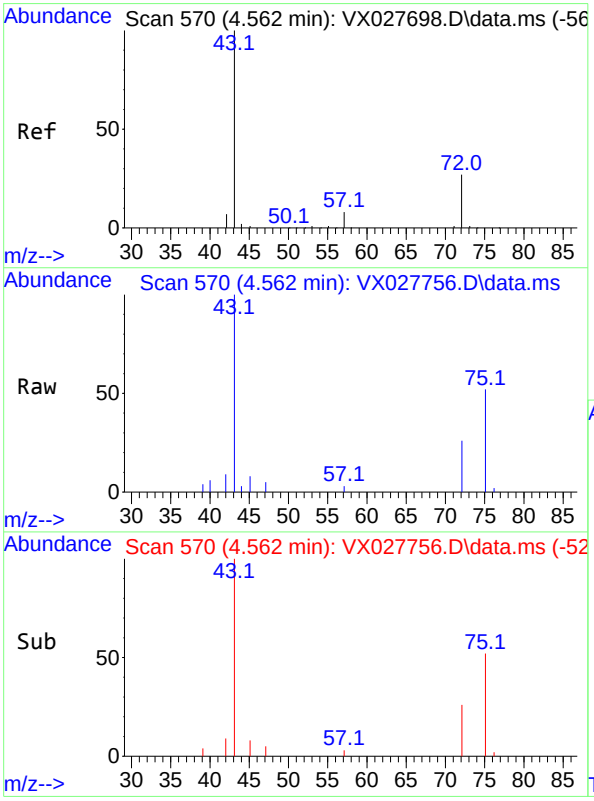
#23
Vinyl Acetate
Concen: 1.147 ug/l
RT: 3.849 min Scan# 4
Delta R.T. 0.122 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 43 Resp: 2745

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#

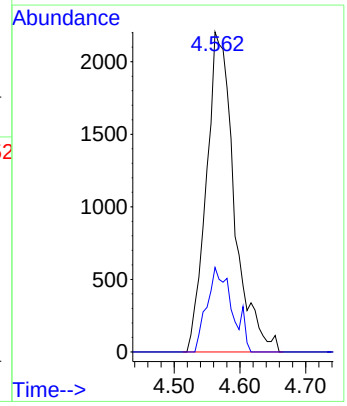


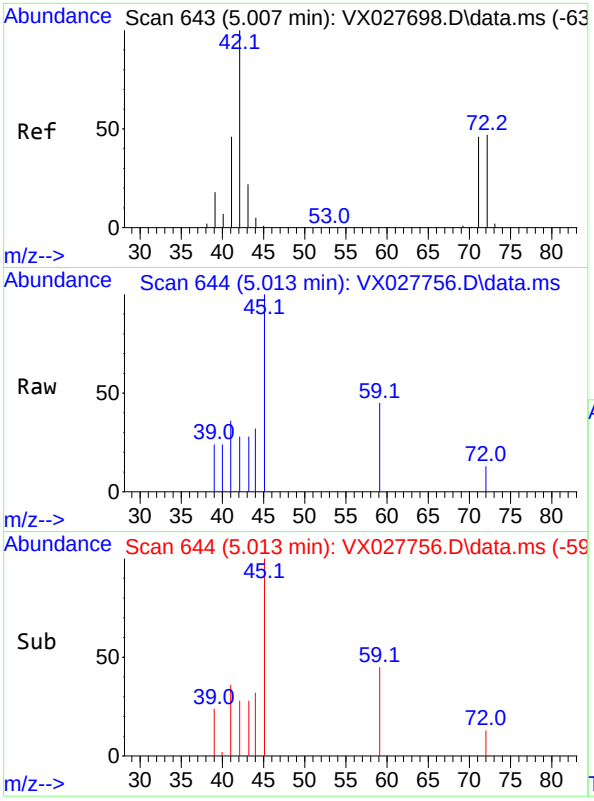


#25
2-Butanone
Concen: 8.518 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 43 Resp: 6487

Ion	Ratio	Lower	Upper
43	100		
72	26.4	24.4	36.6



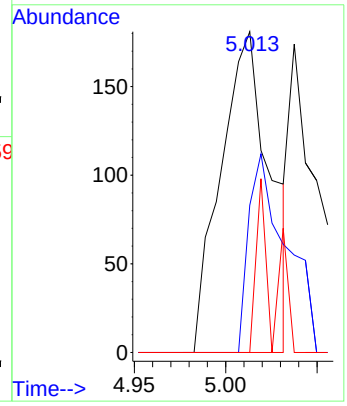


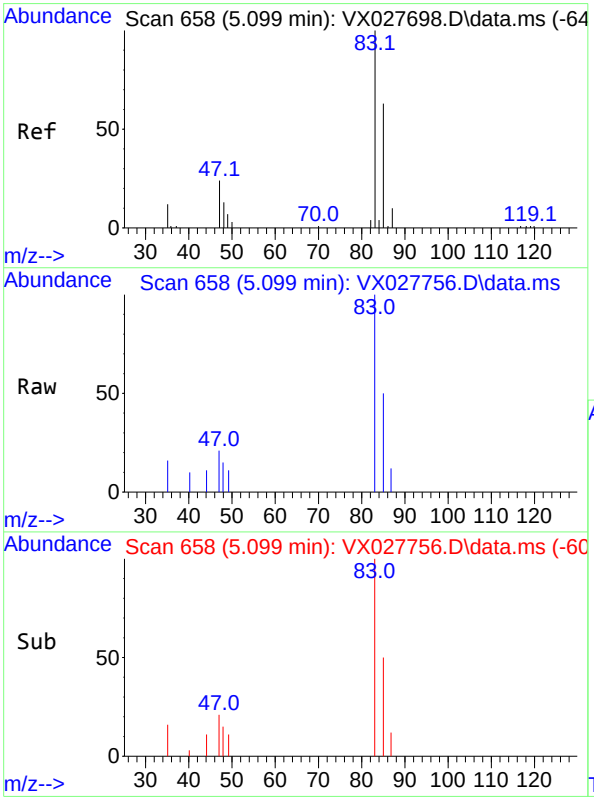
#29
Tetrahydrofuran
Concen: Below Cal
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 42 Resp: 339

Ion	Ratio	Lower	Upper
42	100		
72	46.9	44.1	66.1
71	18.0	40.5	60.7#

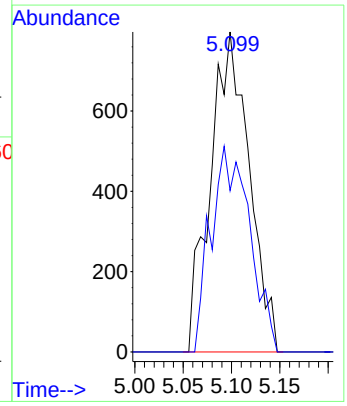


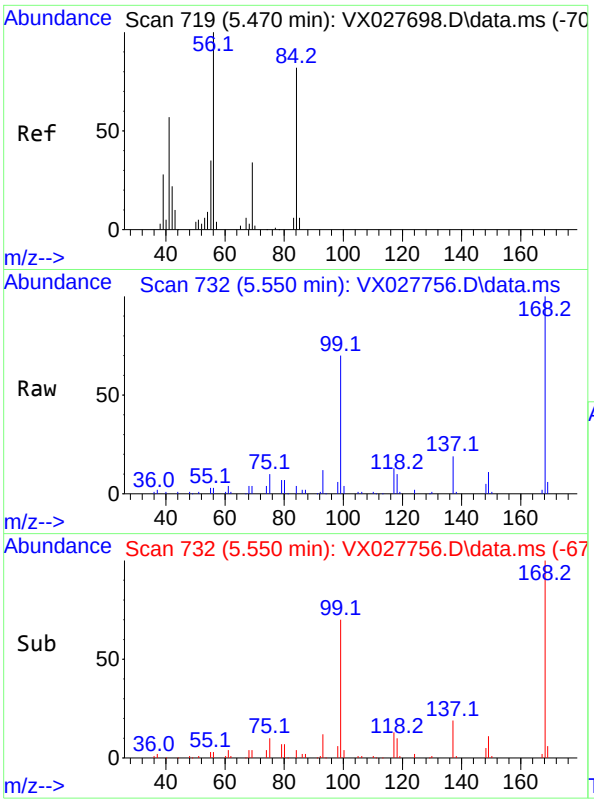


#30
Chloroform
Concen: 1.432 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 83 Resp: 2225

Ion	Ratio	Lower	Upper
83	100		
85	50.4	52.7	79.1#



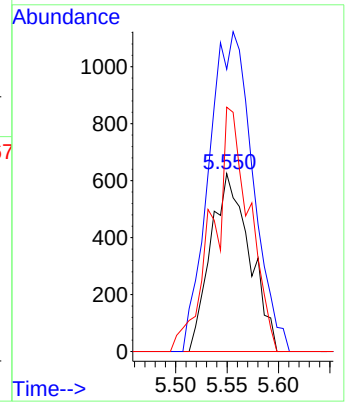


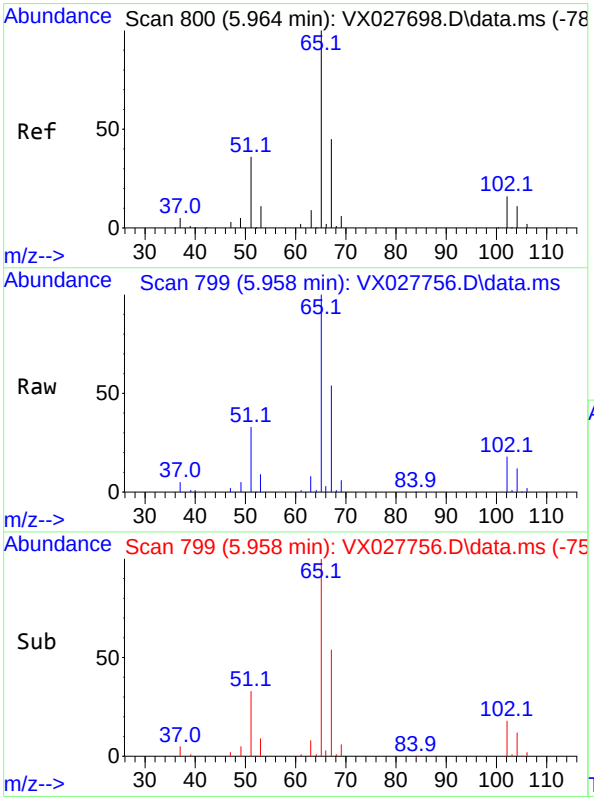
#31
Cyclohexane
Concen: 1.211 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.080 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 56 Resp: 1647

Ion	Ratio	Lower	Upper
56	100		
69	158.6	26.7	40.1#
84	137.3	77.2	115.8#

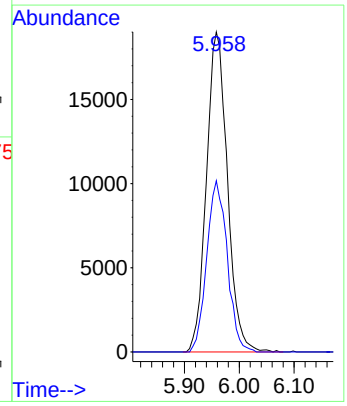


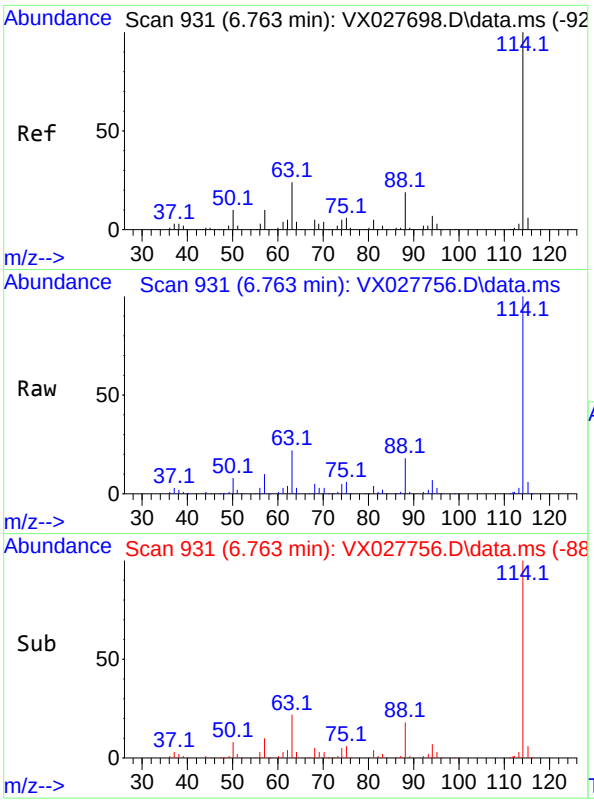


#33
1,2-Dichloroethane-d4
Concen: 44.935 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 65 Resp: 50382

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.4



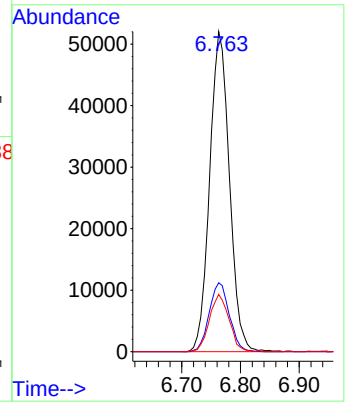


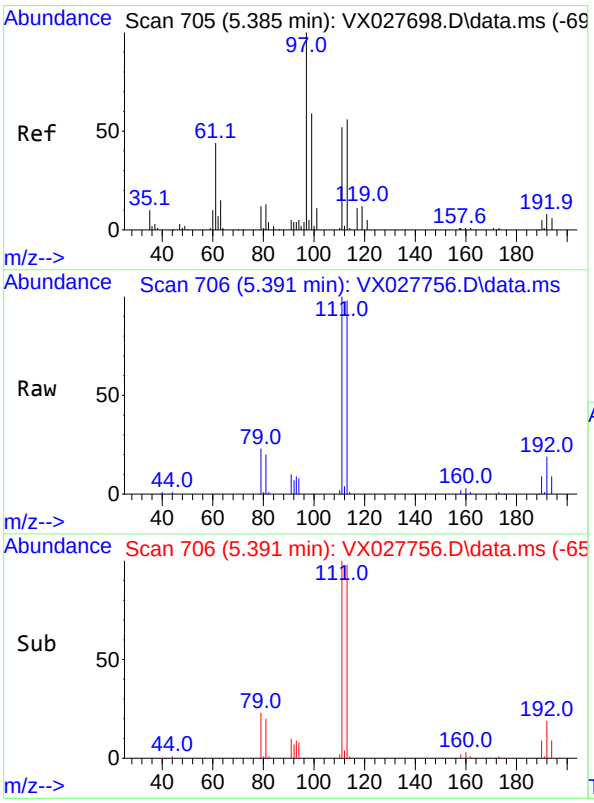
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:114 Resp: 121410

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	36.8
88	17.9	0.0	32.4

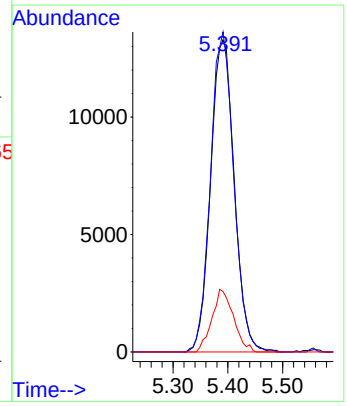


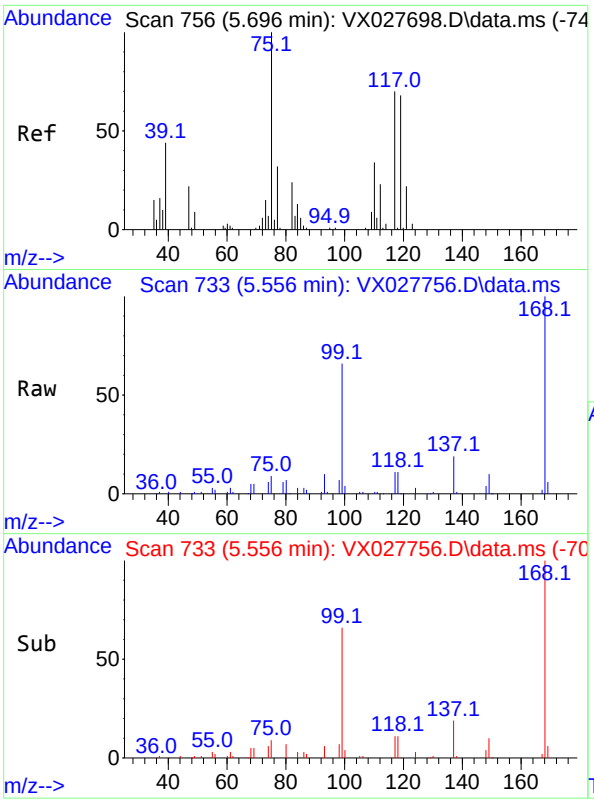


#35
Dibromofluoromethane
Concen: 50.013 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion:113 Resp: 39875

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.8	124.2
192	18.2	16.9	25.3



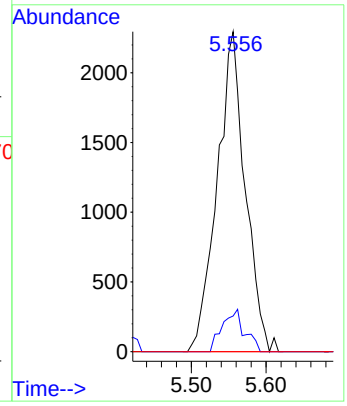


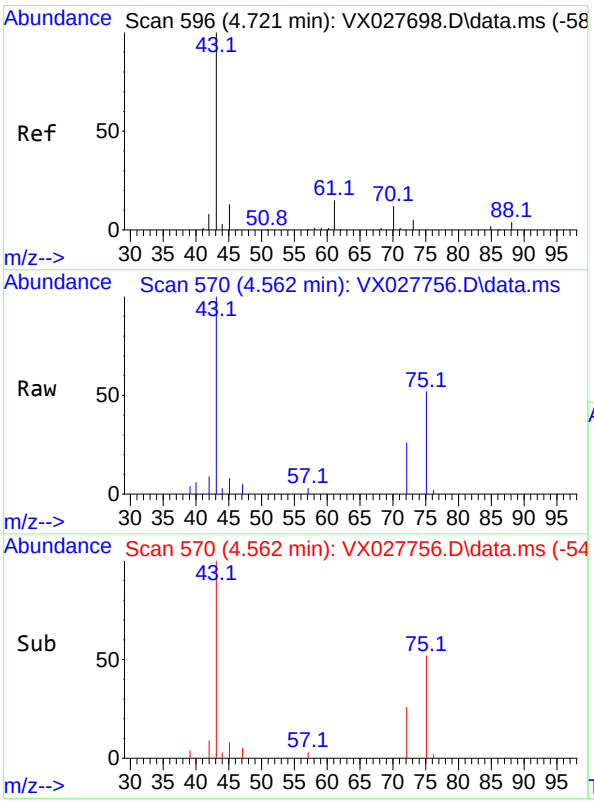
#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 5996

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.3	54.8#
77	0.0	24.8	37.2#

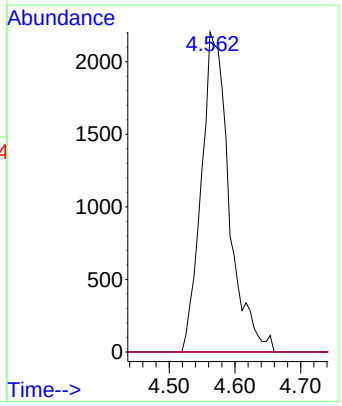


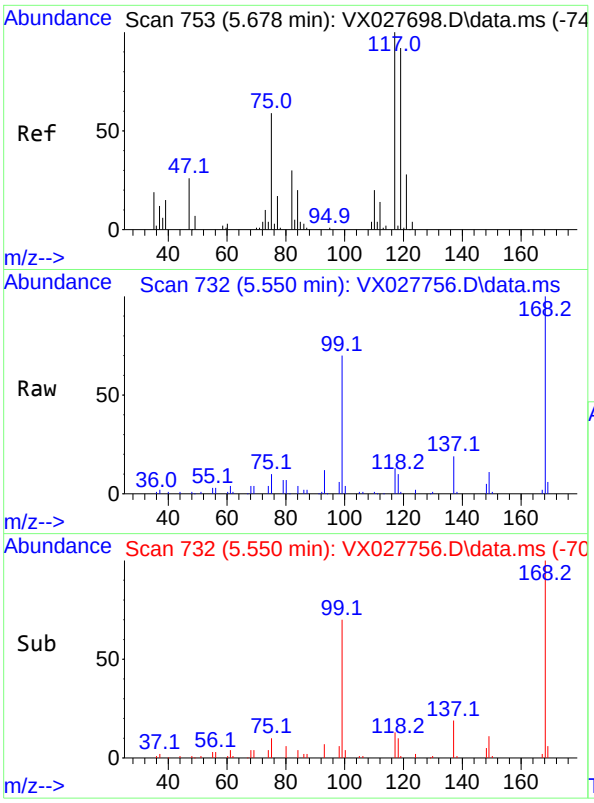


#37
Ethyl Acetate
Concen: 4.426 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.159 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 43 Resp: 6487

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	10.2	15.2#



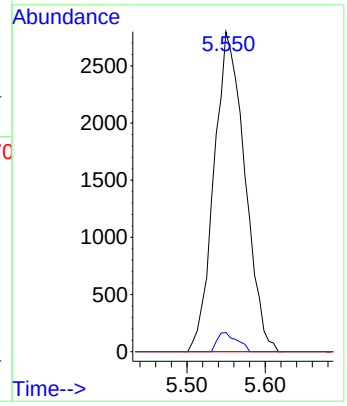


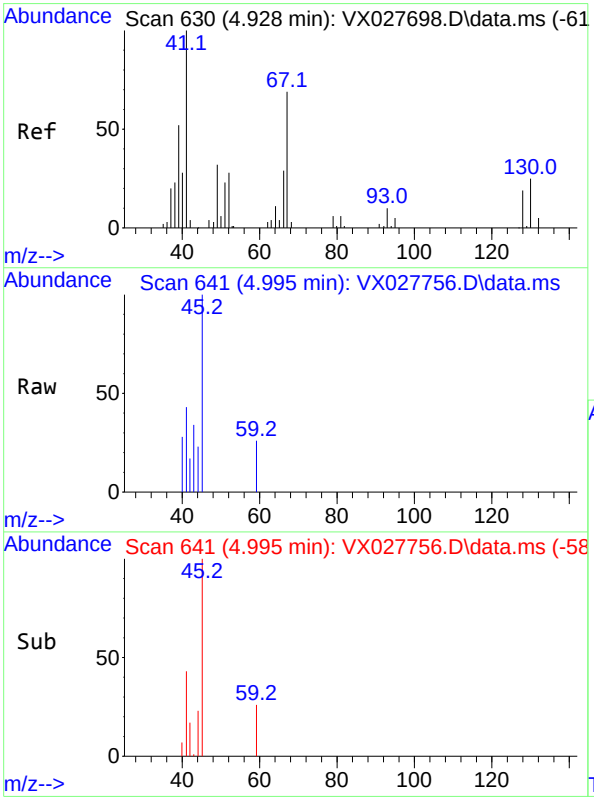
#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 7640

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.3	115.9#
121	0.0	24.2	36.2#

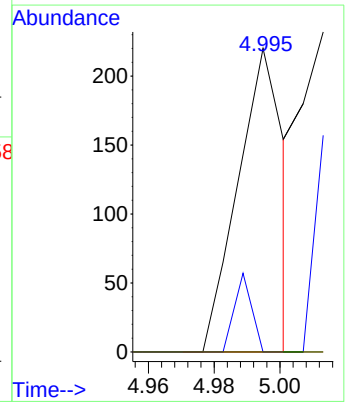


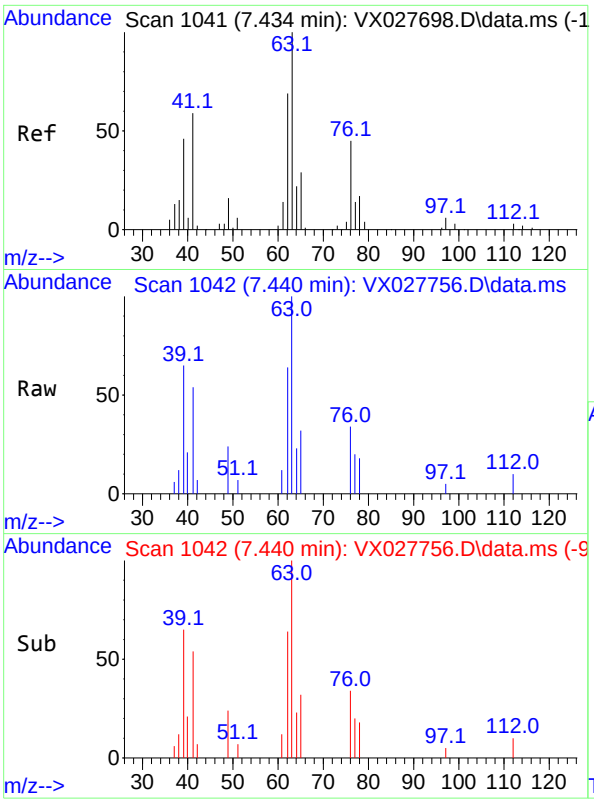


#41
Methacrylonitrile
Concen: 0.277 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.067 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 41 Resp: 213

Ion	Ratio	Lower	Upper
41	100		
39	9.9	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



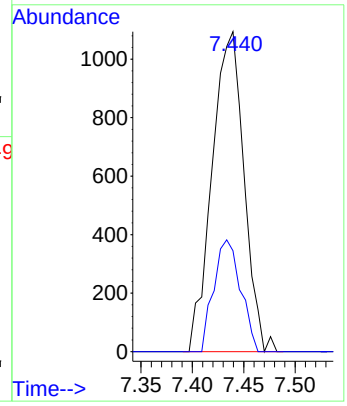


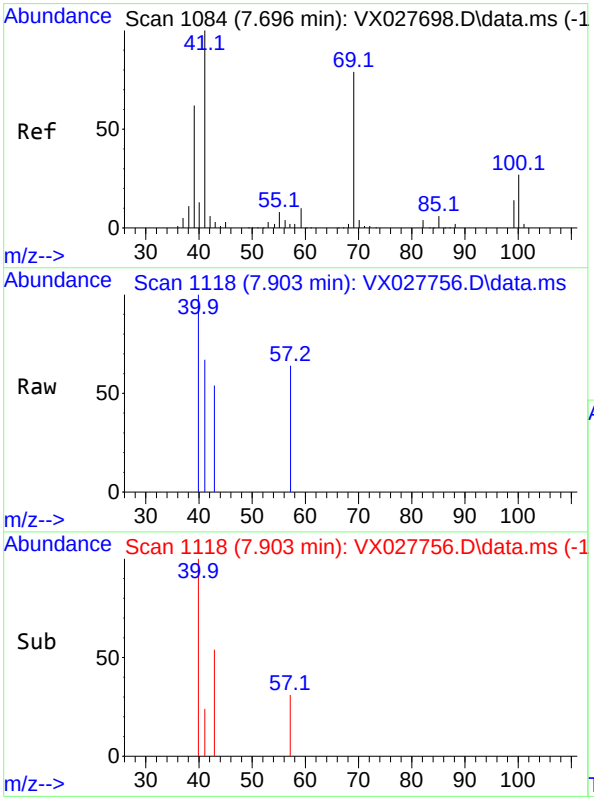
#45
1,2-Dichloropropane
Concen: 2.584 ug/l
RT: 7.440 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 63 Resp: 2359

Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.8	38.6

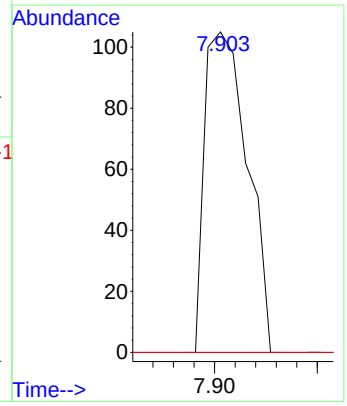


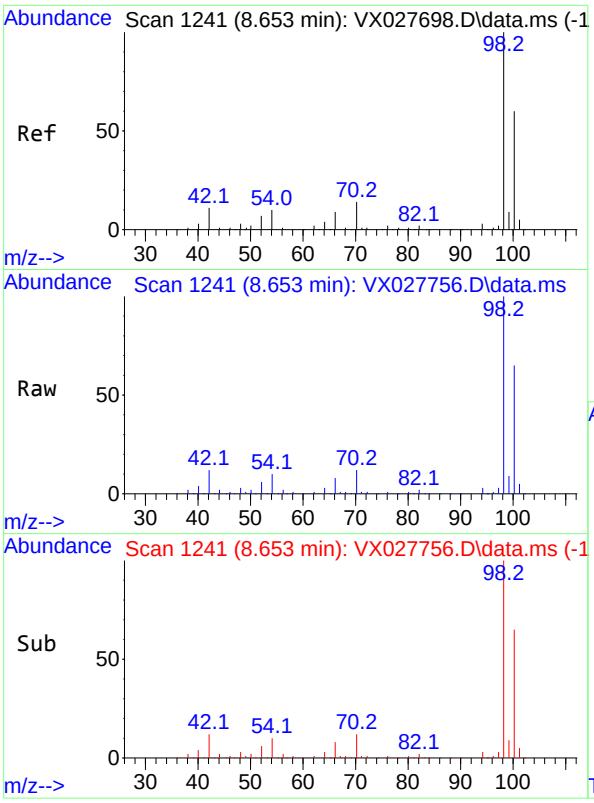


#48
Methyl methacrylate
Concen: Below Cal
RT: 7.903 min Scan# 1118
Delta R.T. 0.207 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 41 Resp: 152

Ion	Ratio	Lower	Upper
41	100		
69	0.0	82.5	123.7#
39	0.0	43.8	65.8#



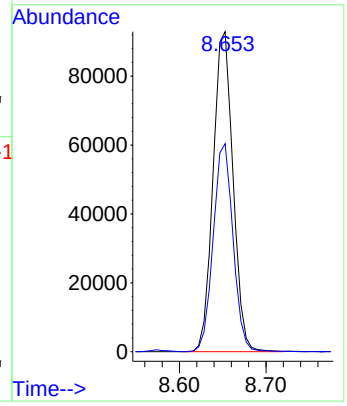


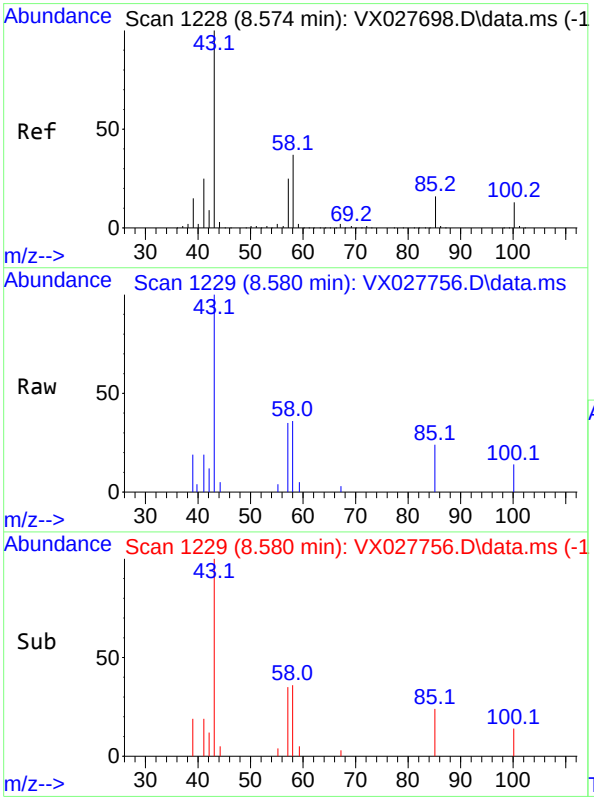
#50
Toluene-d8
Concen: 48.197 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 98 Resp: 148546

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8

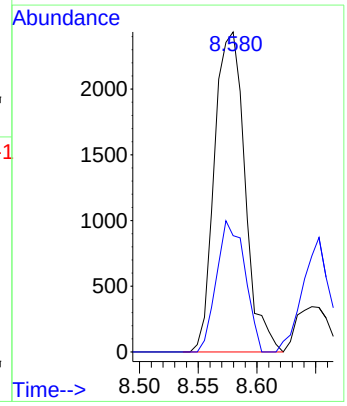


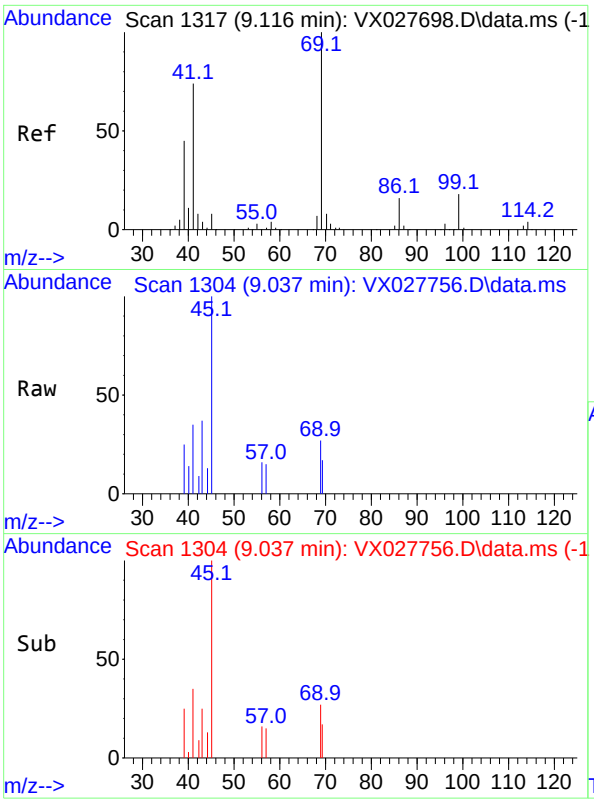


#51
4-Methyl-2-Pentanone
Concen: 2.895 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 43 Resp: 4399

Ion	Ratio	Lower	Upper
43	100		
58	38.1	36.1	54.1



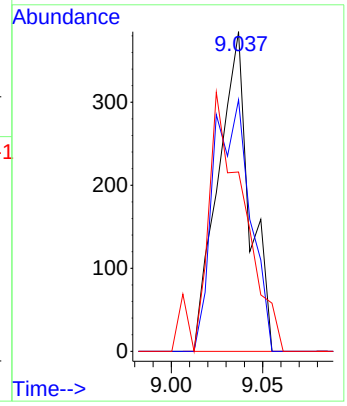


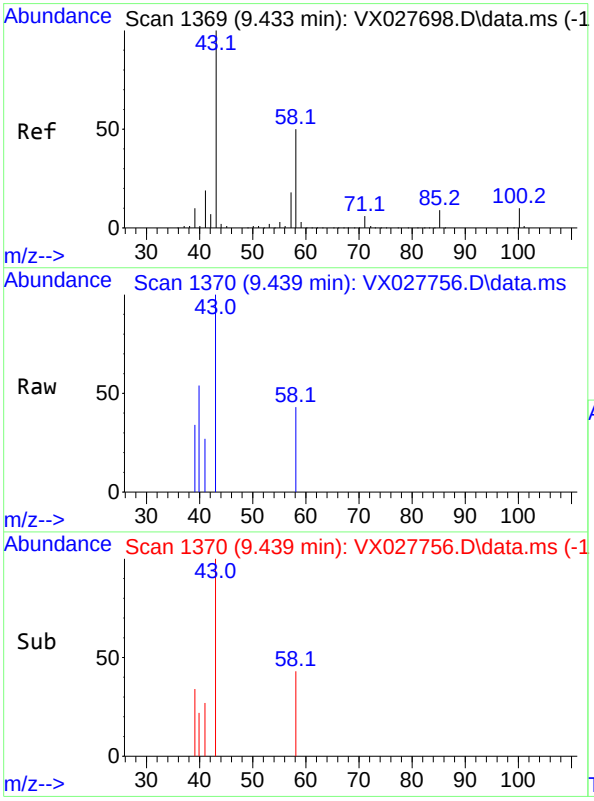
#56
Ethyl methacrylate
Concen: 0.321 ug/l
RT: 9.037 min Scan# 1
Delta R.T. -0.079 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 69 Resp: 463

Ion	Ratio	Lower	Upper
69	100		
41	91.8	43.8	65.6#
39	94.0	22.2	33.2#

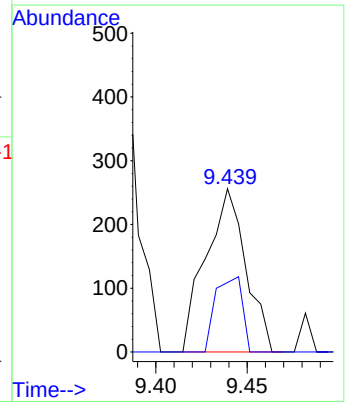


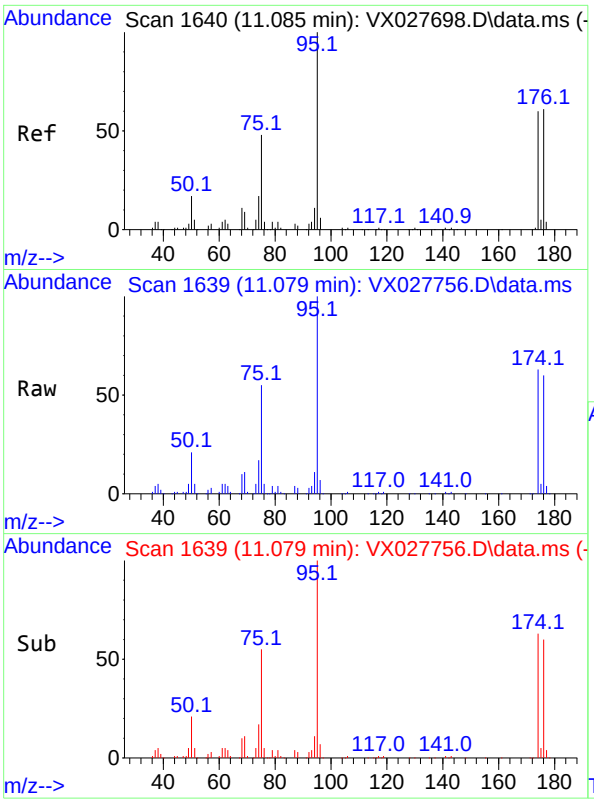


#59
2-Hexanone
Concen: 0.329 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 43 Resp: 391

Ion	Ratio	Lower	Upper
43	100		
58	30.7	31.9	95.7#



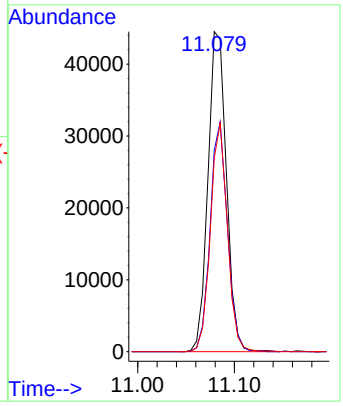


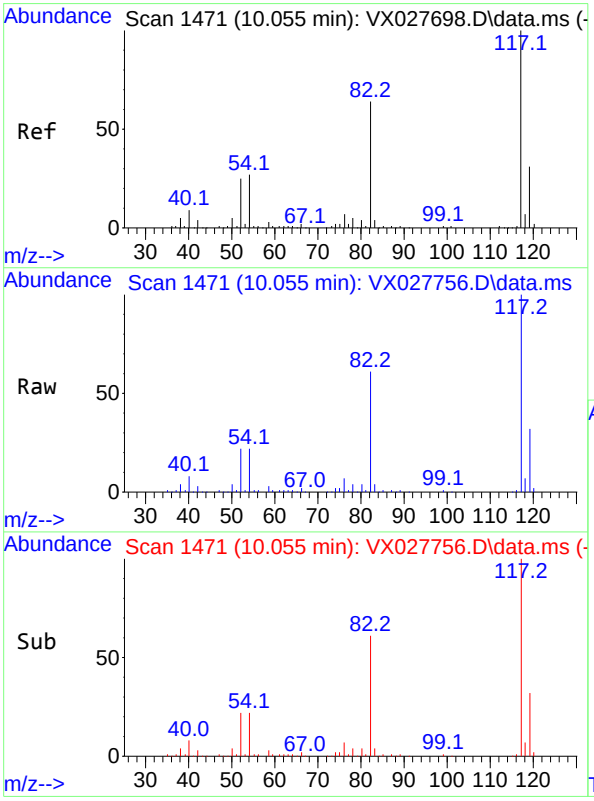
#62
4-Bromofluorobenzene
Concen: 47.253 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 95 Resp: 59095

Ion	Ratio	Lower	Upper
95	100		
174	67.2	0.0	163.0
176	65.6	0.0	155.0

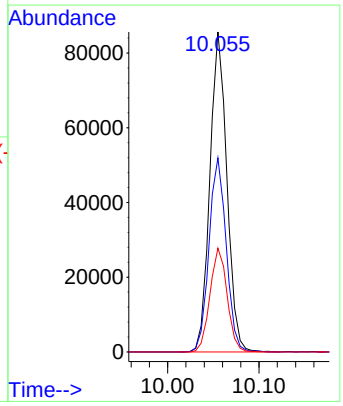


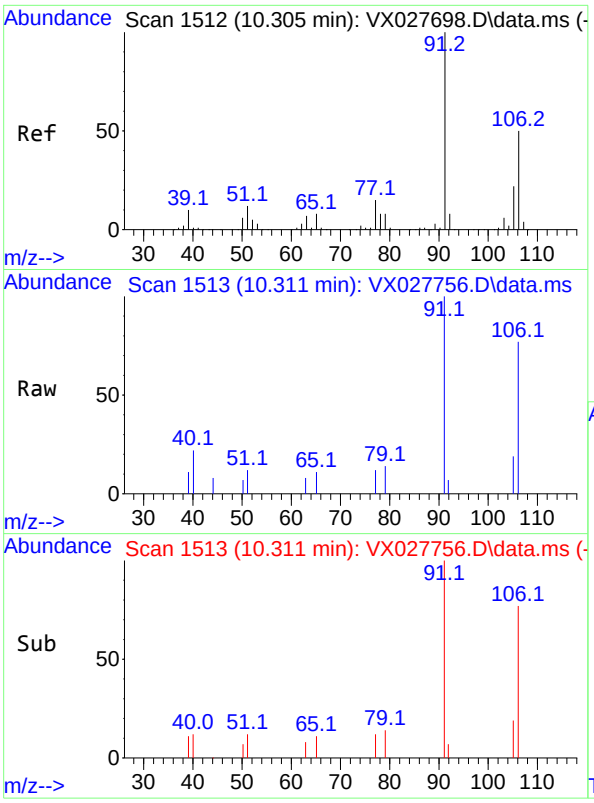


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion:117 Resp: 110337

Ion	Ratio	Lower	Upper
117	100		
82	60.7	41.8	62.8
119	32.5	24.8	37.2



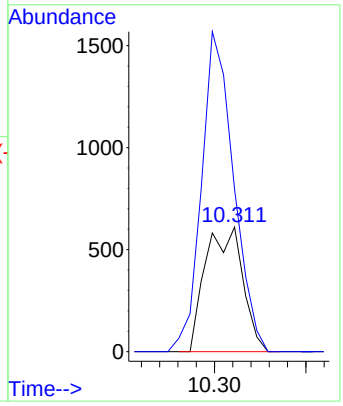


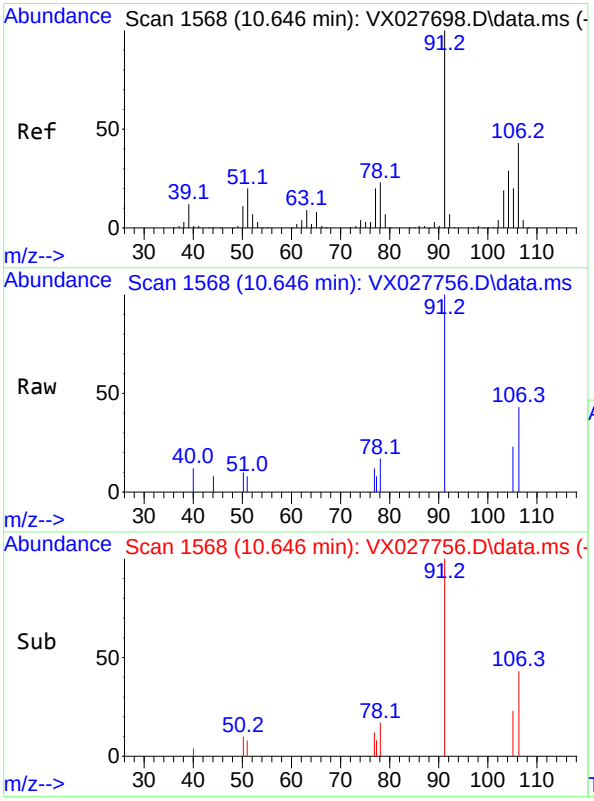
#68
m/p-Xylenes
Concen: 0.552 ug/l
RT: 10.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:106 Resp: 866

Ion	Ratio	Lower	Upper
106	100		
91	221.2	160.4	240.6

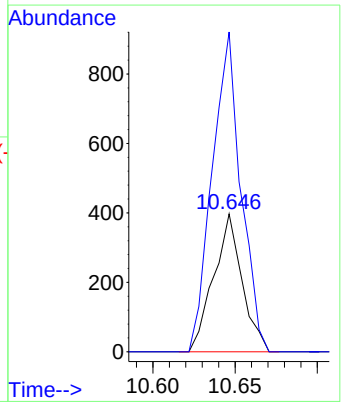


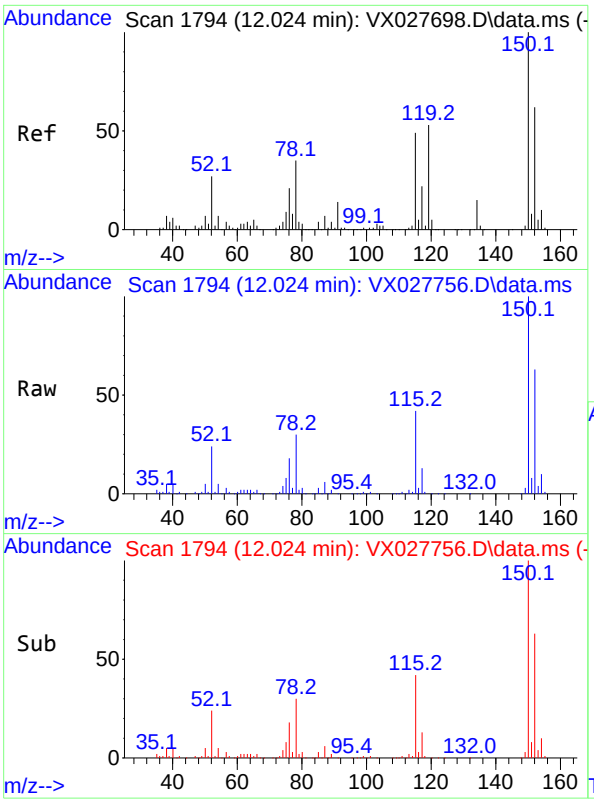


#69
o-Xylene
Concen: 0.302 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion:106 Resp: 477

Ion	Ratio	Lower	Upper
106	100		
91	234.8	106.1	318.1



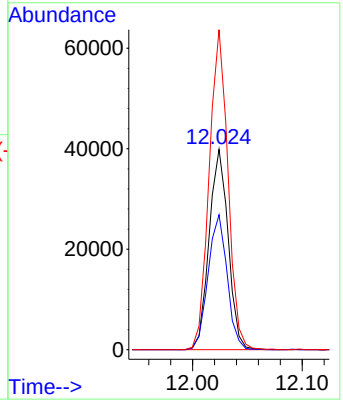


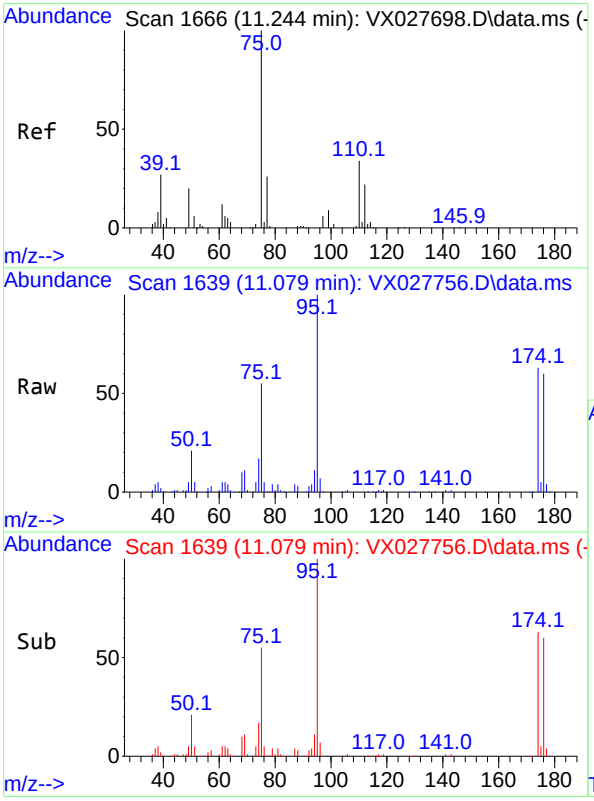
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 48163

Ion	Ratio	Lower	Upper
152	100		
115	67.3	37.5	112.7
150	157.2	0.0	338.2

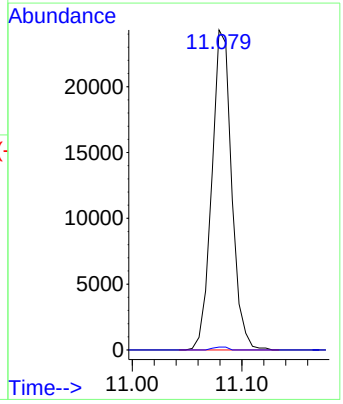


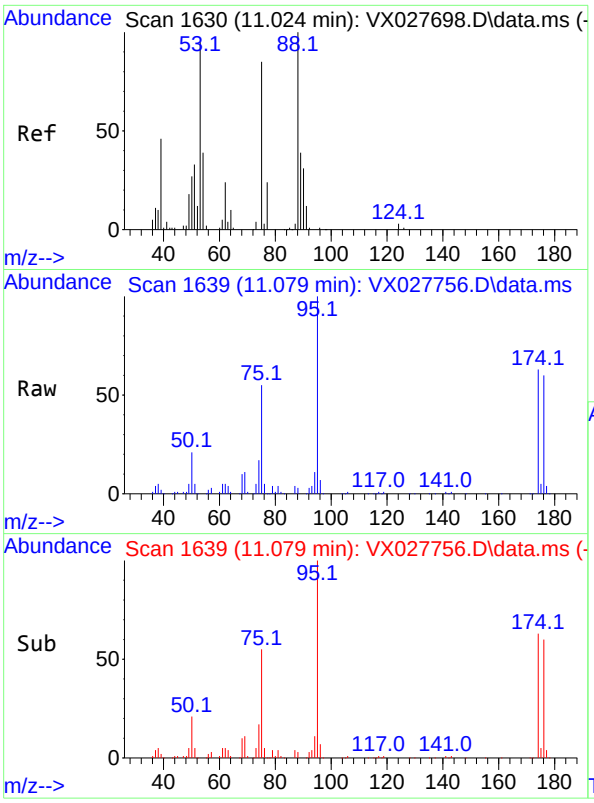


#76
1,2,3-Trichloropropane
Concen: 22.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion: 75 Resp: 30559

Ion	Ratio	Lower	Upper
75	100		
77	0.7	19.4	58.2#



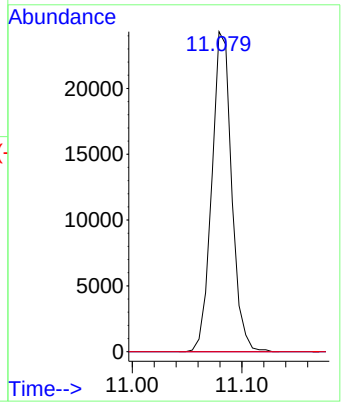


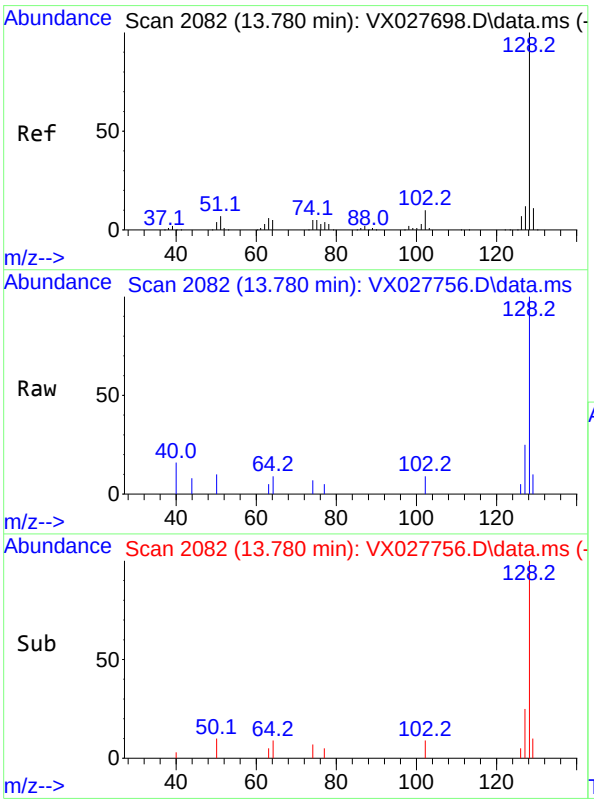
#81
trans-1,4-Dichloro-2-butene
Concen: 77.569 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 30559

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.0	103.4#
89	0.0	37.0	55.6#





#95
Naphthalene
Concen: 0.373 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027756.D
Acq: 28 Mar 2022 17:42

Tgt Ion:128 Resp: 1280

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.4
129	5.5	8.7	13.1#