Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
Data File : VX037992.D
Acq On : 30 Sep 2023 10:37
Operator : JC/MD
Sample : VX0930WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 02 02:05:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.556	168	258966	50.000 ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	437012	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385290	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182406	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.958	65	156675	46.048 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.100%		
35) Dibromofluoromethane	5.385	113	139719	47.782 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.560%		
50) Toluene-d8	8.647	98	490390	45.136 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.280%#		
62) 4-Bromofluorobenzene	11.079	95	189626	48.030 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.060%		

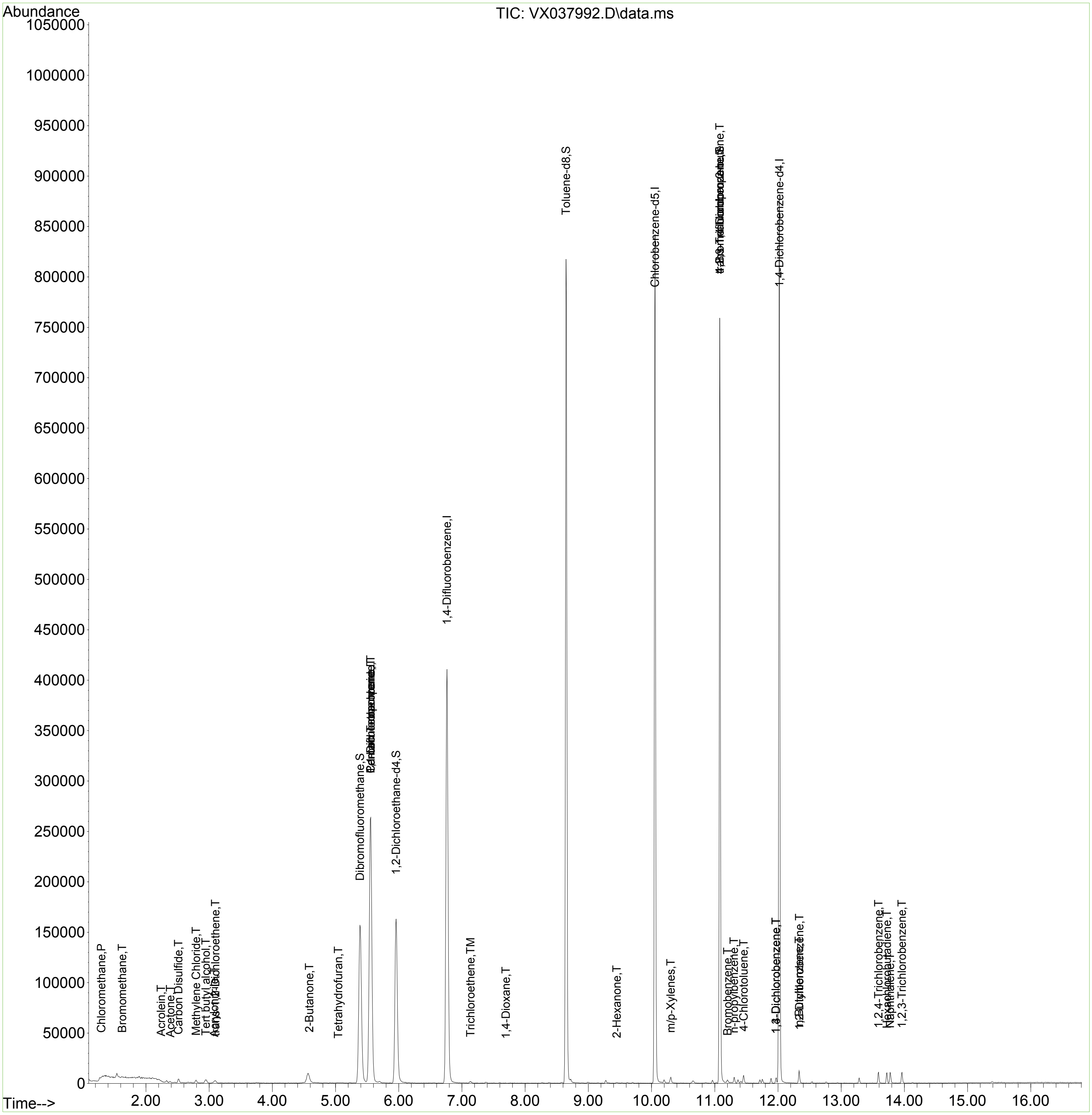
Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
3) Chloromethane	1.294	50	686	0.231 ug/l	98
5) Bromomethane	1.623	94	463	0.202 ug/l	91
11) Tert butyl alcohol	2.946	59	2222	3.042 ug/l #	78
13) Acrolein	2.239	56	552	0.765 ug/l #	75
15) Acrylonitrile	3.081	53	1093	0.673 ug/l #	84
16) Acetone	2.386	43	1111	0.679 ug/l #	75
17) Carbon Disulfide	2.514	76	4510	0.712 ug/l #	92
20) Methylene Chloride	2.794	84	1270	0.395 ug/l #	79
21) trans-1,2-Dichloroethene	3.099	96	915	0.326 ug/l #	64
25) 2-Butanone	4.586	43	895	0.387 ug/l #	51
29) Tetrahydrofuran	5.044	42	368	0.256 ug/l #	40
36) 1,1-Dichloropropene	5.556	75	19766	4.907 ug/l #	51
38) Carbon Tetrachloride	5.556	117	26264	6.232 ug/l #	15
44) Trichloroethene	7.135	130	726	0.210 ug/l	97
49) 1,4-Dioxane	7.696	88	18	0.203 ug/l #	12
59) 2-Hexanone	9.451	43	805	0.230 ug/l	86
68) m/p-Xylenes	10.305	106	1506	0.270 ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	96705	22.922 ug/l #	39
77) Bromobenzene	11.201	156	715	0.216 ug/l	74
78) n-propylbenzene	11.305	91	3653	0.242 ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	96705	73.428 ug/l #	5
82) 4-Chlorotoluene	11.457	91	2880	0.275 ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2082	0.337 ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	2082	0.330 ug/l	95
89) n-Butylbenzene	12.335	91	3963	0.392 ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	1404	0.223 ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	2929	0.789 ug/l	96
94) Hexachlorobutadiene	13.725	225	1381	0.796 ug/l	92
95) Naphthalene	13.774	128	7692	0.612 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2930	0.767 ug/l	96

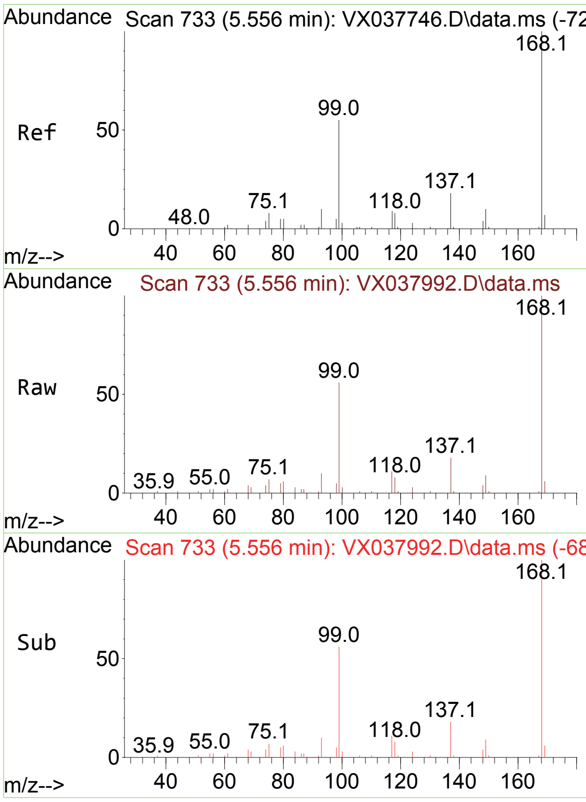
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
Data File : VX037992.D
Acq On : 30 Sep 2023 10:37
Operator : JC/MD
Sample : VX0930WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 02 02:05:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



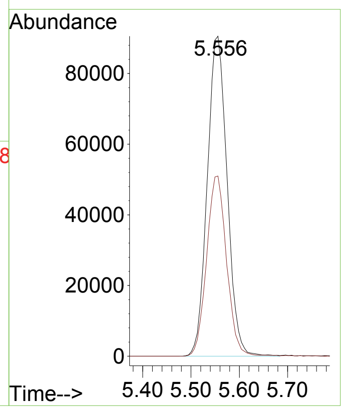


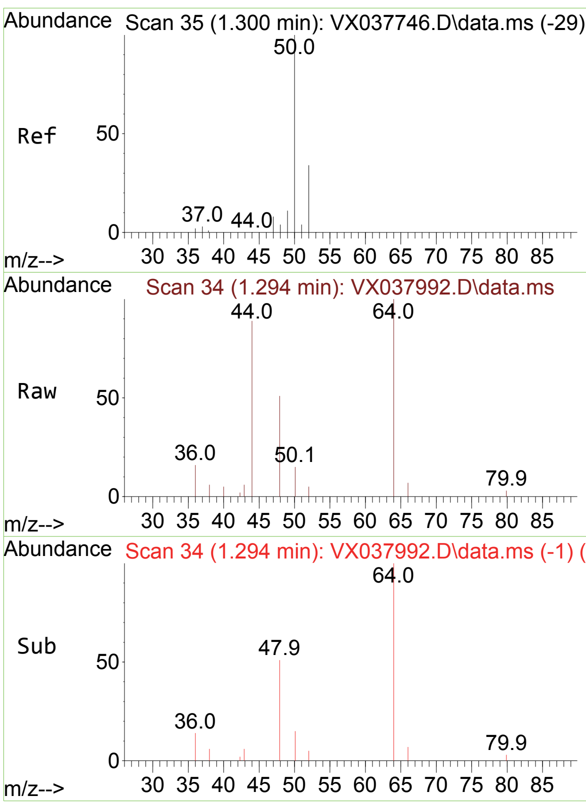
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min   Scan# 7
Delta R.T.   0.006 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 258966

Ion	Ratio	Lower	Upper
168	100		
99	56.3	56.6	85.0#

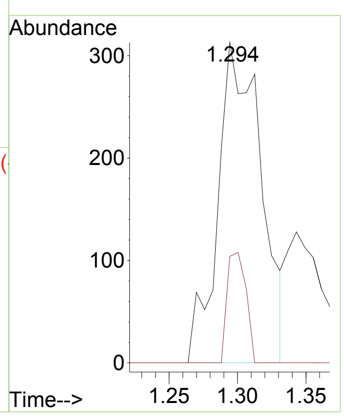


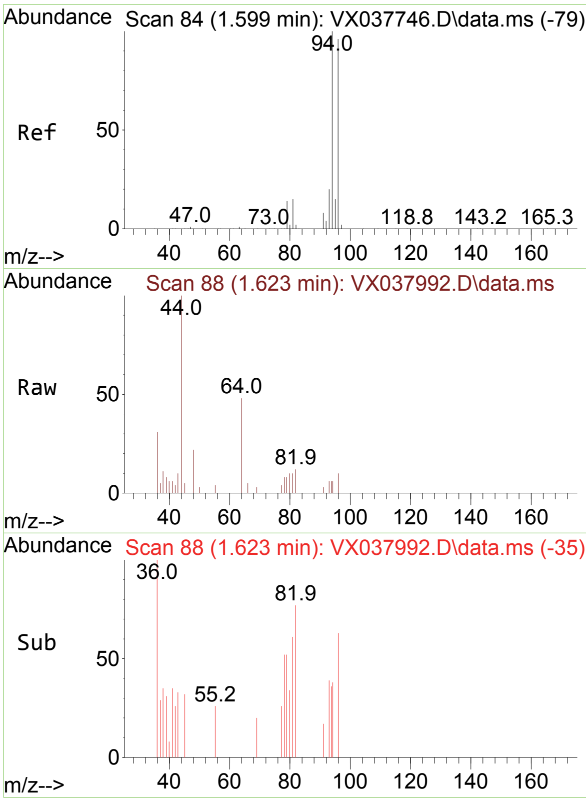


#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.294 min   Scan# 34
Delta R.T.   -0.006 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion: 50 Resp: 686

Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.5	38.3



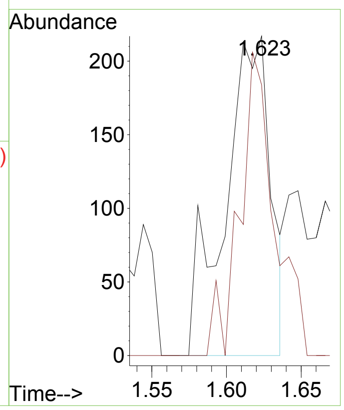


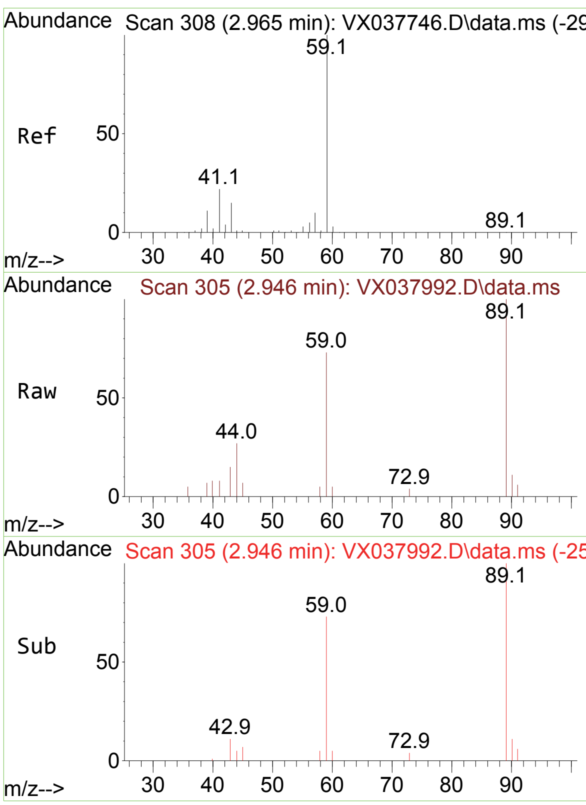
#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.623 min Scan# 8
Delta R.T. 0.024 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 463

Ion	Ratio	Lower	Upper
94	100		
96	84.8	74.6	111.8

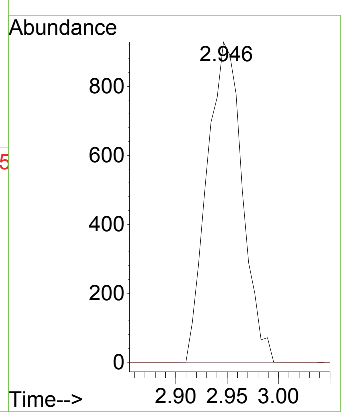


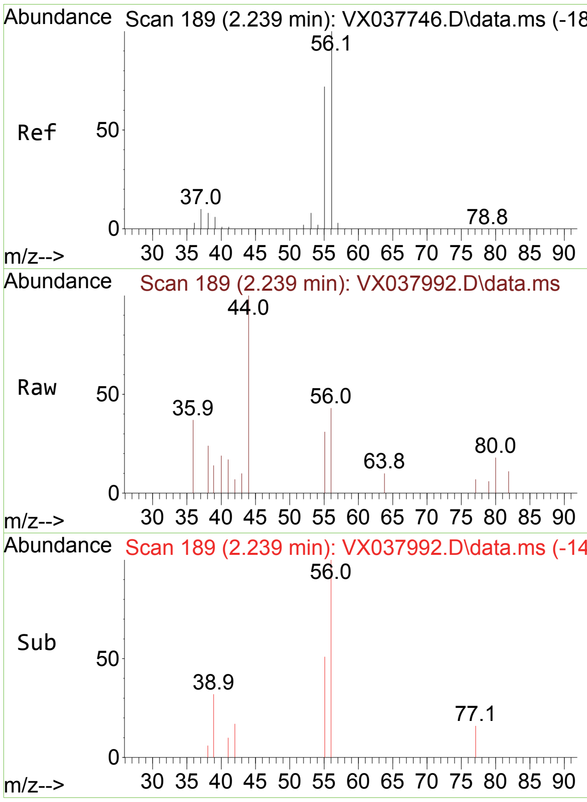


#11
Tert butyl alcohol
Concen: 3.042 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 59 Resp: 2222

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.0	9.0#



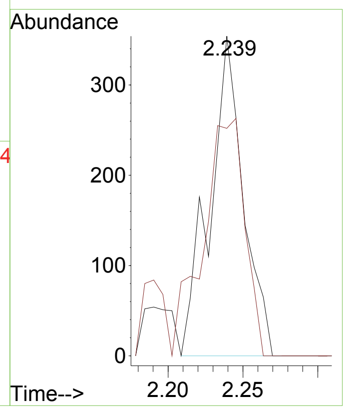


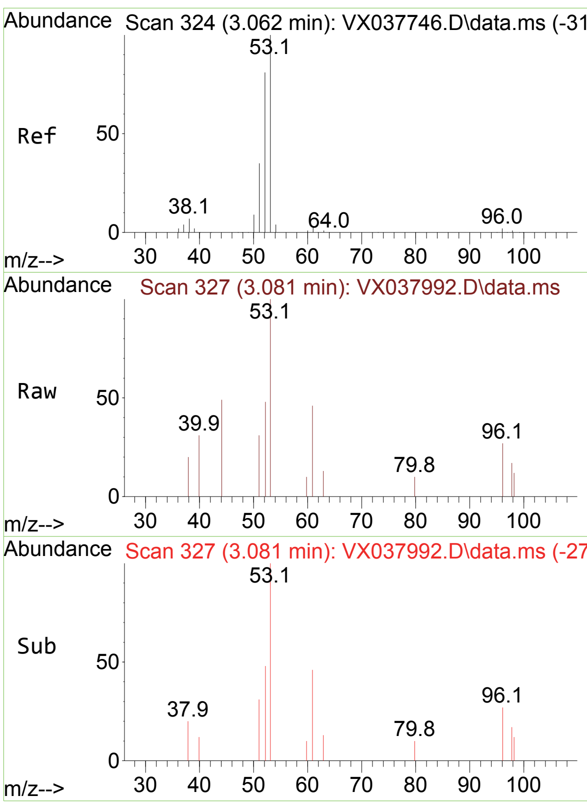
#13
Acrolein
Concen: 0.765 ug/l
RT: 2.239 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 552

Ion	Ratio	Lower	Upper
56	100		
55	92.0	57.1	85.7#

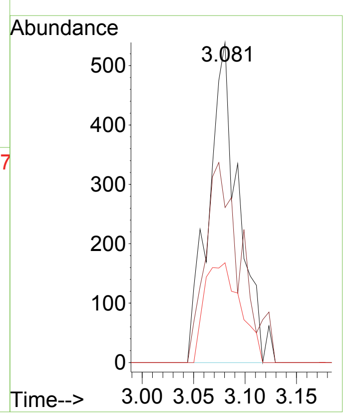


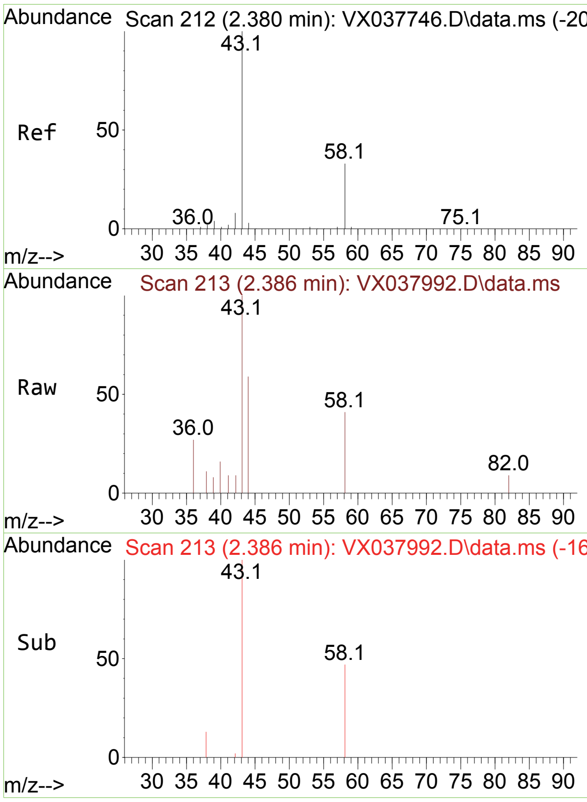


#15
Acrylonitrile
Concen: 0.673 ug/l
RT: 3.081 min   Scan# 327
Delta R.T.   0.012 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion: 53 Resp: 1093

Ion	Ratio	Lower	Upper
53	100		
52	74.3	66.0	99.0
51	17.9	29.8	44.6#



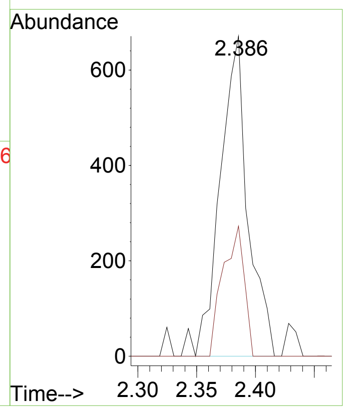


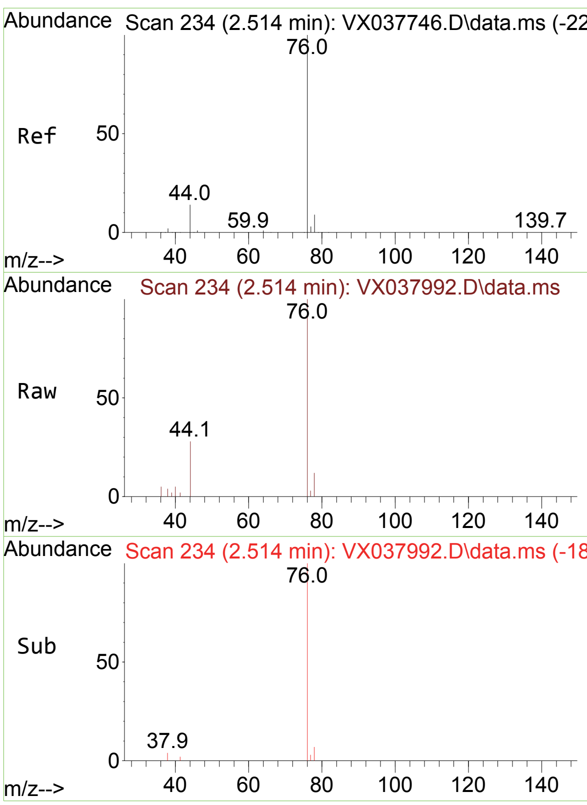
#16
Acetone
Concen: 0.679 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1111

Ion	Ratio	Lower	Upper
43	100		
58	40.7	21.9	32.9#

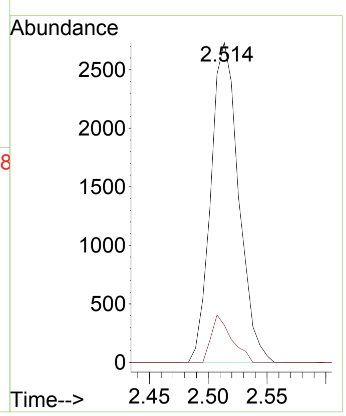


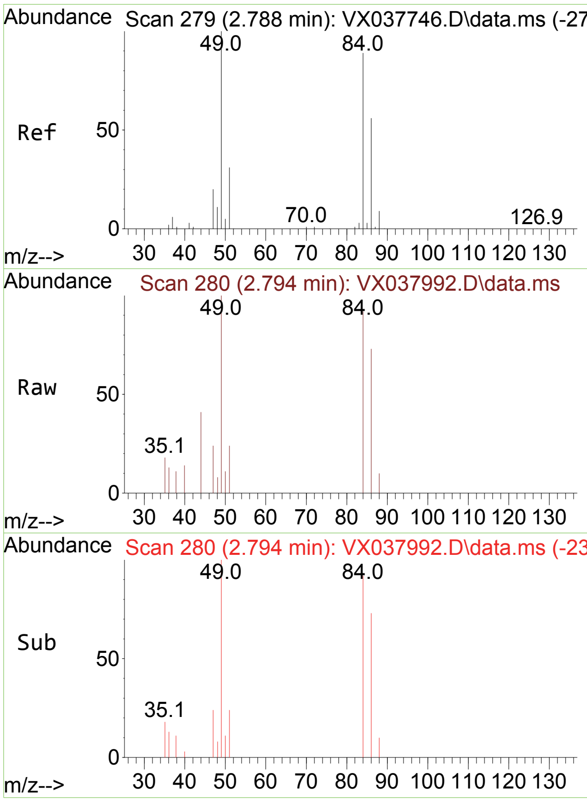


#17
Carbon Disulfide
Concen: 0.712 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 76 Resp: 4510

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.0	10.6#





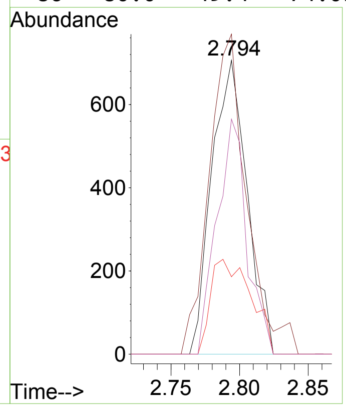
#20
Methylene Chloride
Concen: 0.395 ug/l
RT: 2.794 min   Scan# 2

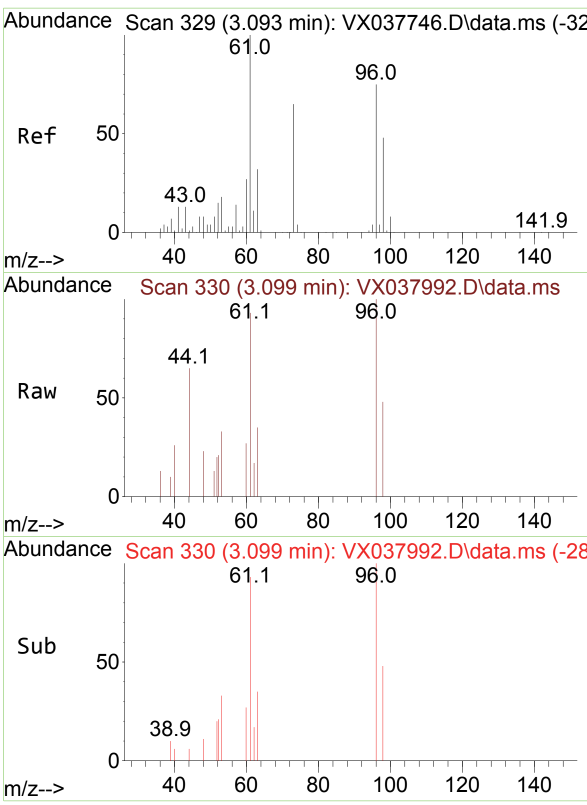
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T.   0.006 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion: 84 Resp: 1270

Ion	Ratio	Lower	Upper
84	100		
49	108.9	103.6	155.4
51	26.3	33.8	50.6#
86	80.0	49.4	74.0#

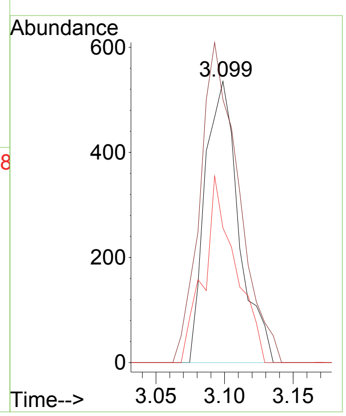


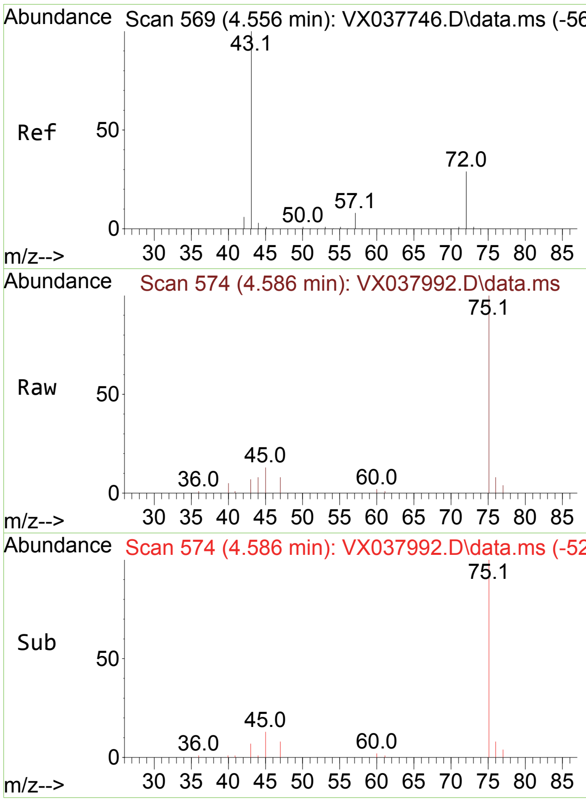


#21
trans-1,2-Dichloroethene
Concen: 0.326 ug/l
RT: 3.099 min   Scan# 330
Delta R.T.   0.006 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion: 96 Resp: 915

Ion	Ratio	Lower	Upper
96	100		
61	93.5	119.2	178.8#
98	47.9	48.7	73.1#



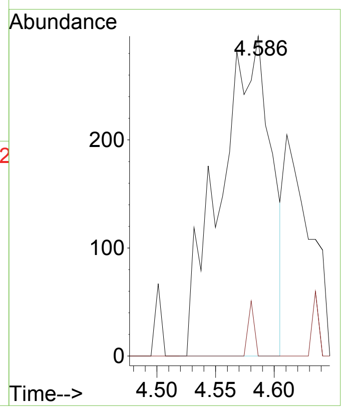


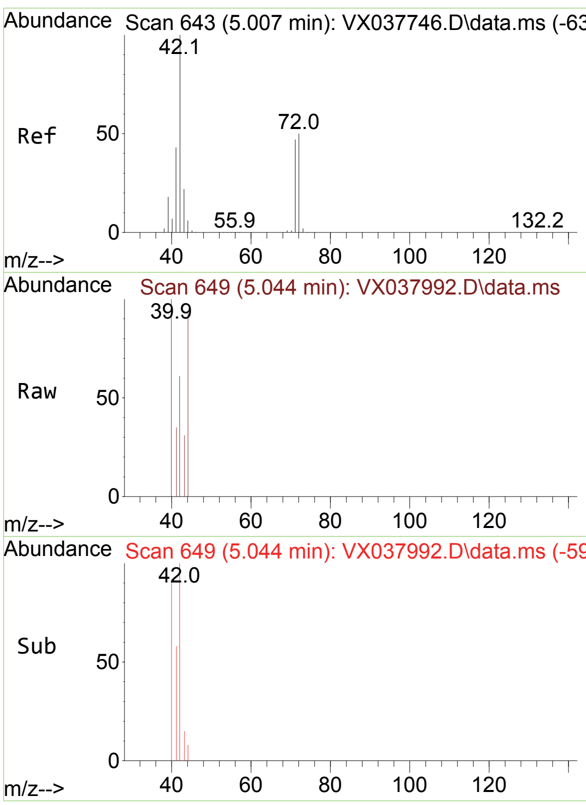
#25
2-Butanone
Concen: 0.387 ug/l
RT: 4.586 min   Scan# 5
Delta R.T. 0.018 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 895

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

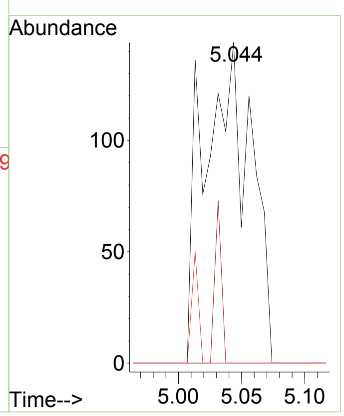


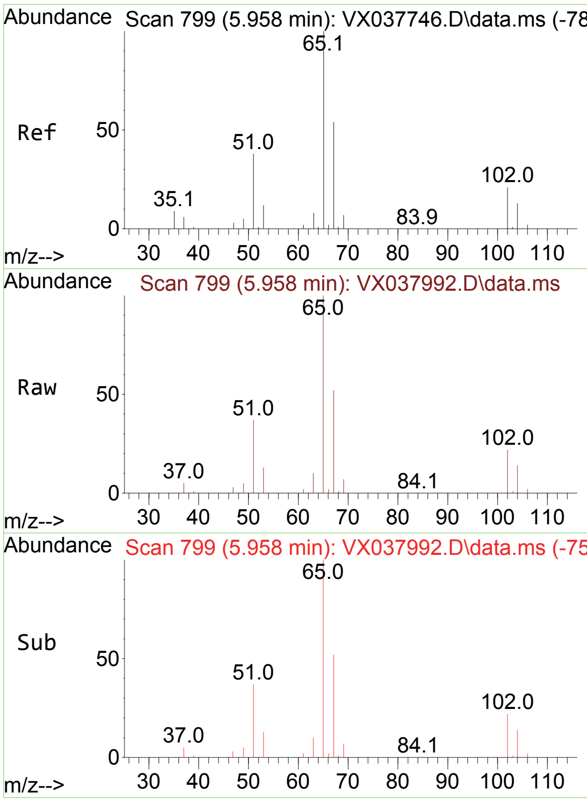


#29
Tetrahydrofuran
Concen: 0.256 ug/l
RT: 5.044 min   Scan# 649
Delta R.T. 0.030 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion: 42 Resp: 368

Ion	Ratio	Lower	Upper
42	100		
72	7.3	34.2	51.4#
71	0.0	32.2	48.2#



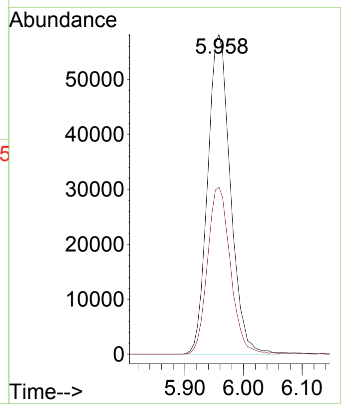


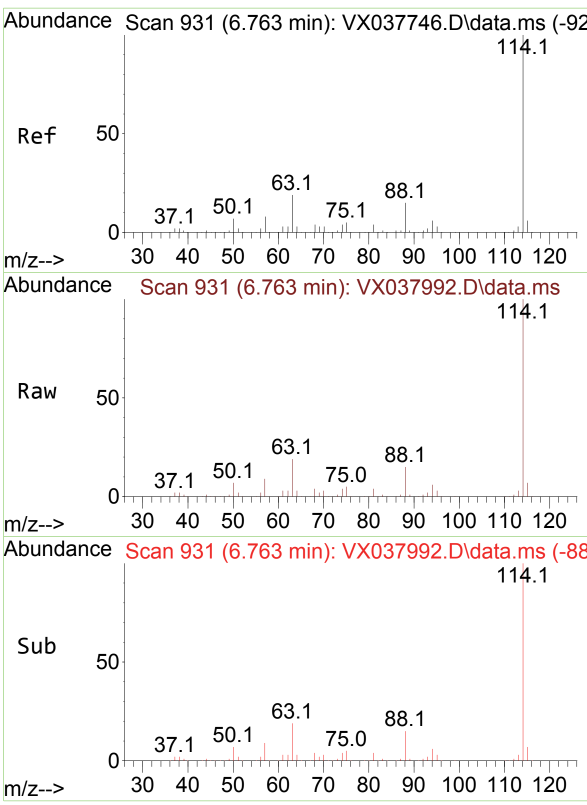
#33
1,2-Dichloroethane-d4
Concen: 46.048 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 156675

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	100.2

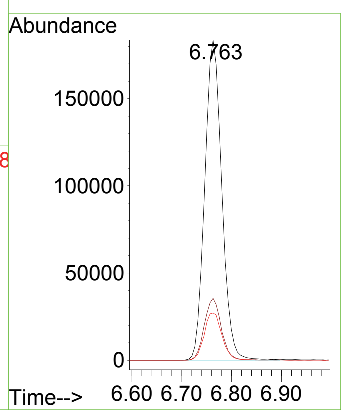


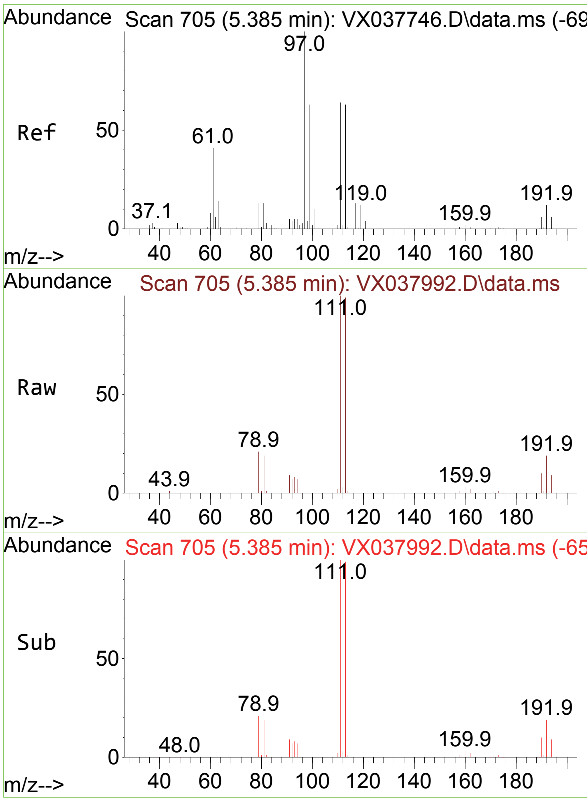


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:114 Resp: 437012

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	45.0
88	14.7	0.0	36.6



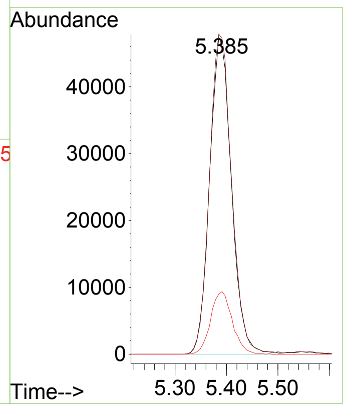


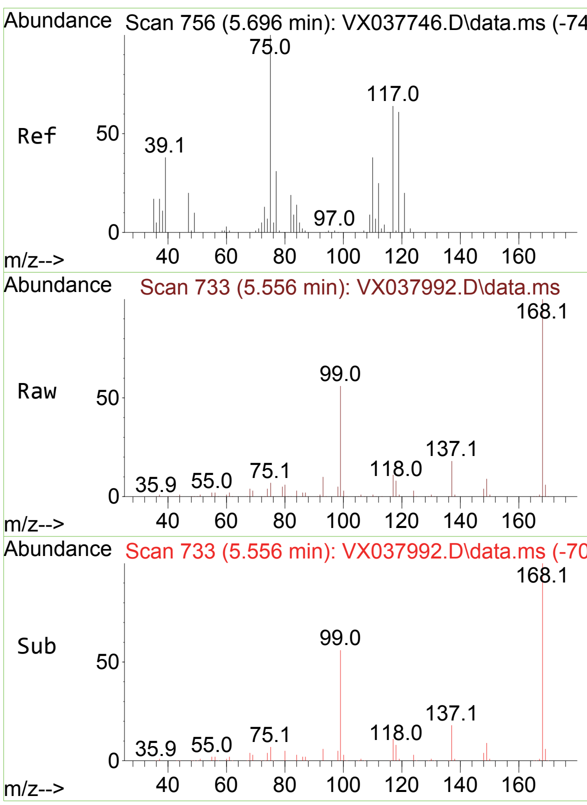
#35
Dibromofluoromethane
Concen: 47.782 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 139719

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.7	13.3	19.9

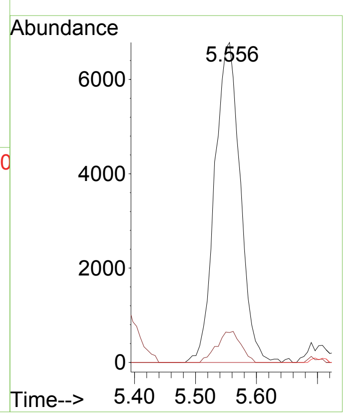


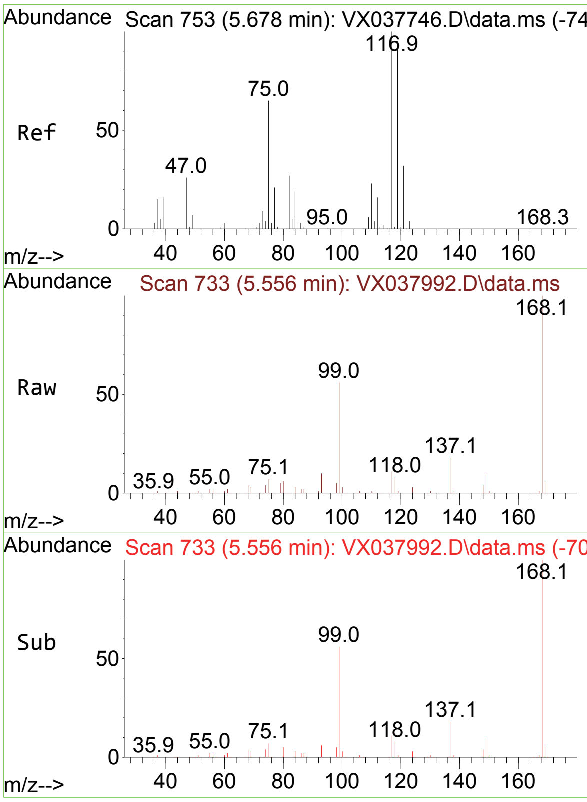


#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 75 Resp: 19766

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.0	50.9#
77	0.0	24.7	37.1#





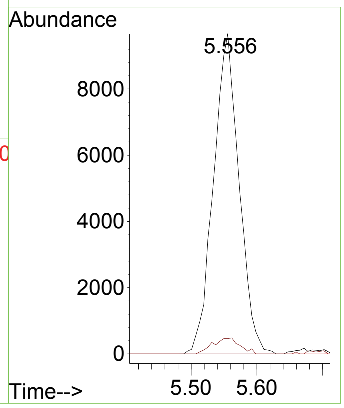
#38
Carbon Tetrachloride
Concen: 6.232 ug/l
RT: 5.556 min   Scan# 7

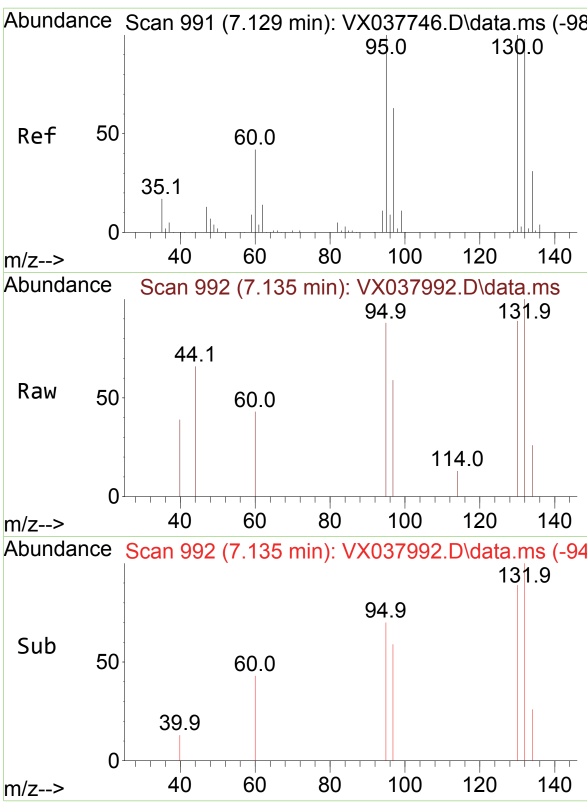
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T.   -0.122 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion:117 Resp: 26264

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.2	117.2#
121	0.0	24.4	36.6#

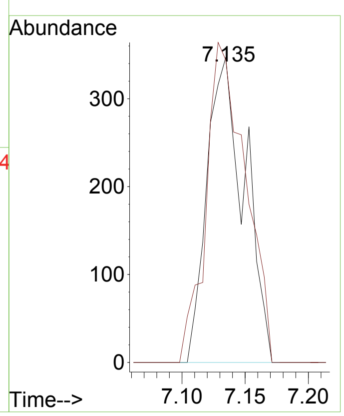


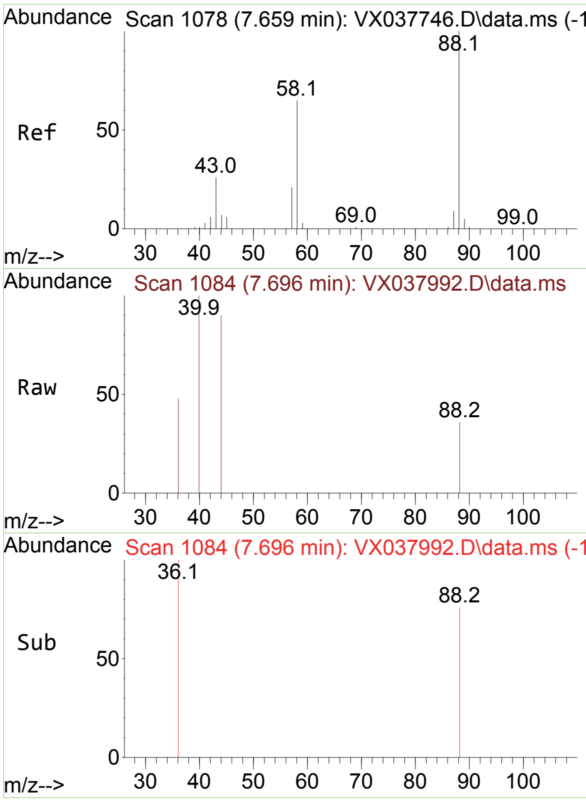


#44
Trichloroethene
Concen: 0.210 ug/l
RT: 7.135 min   Scan# 992
Delta R.T.   -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion:130 Resp: 726

Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	204.4



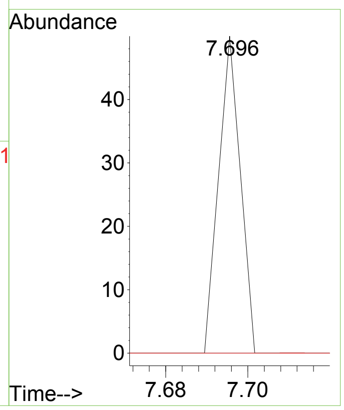


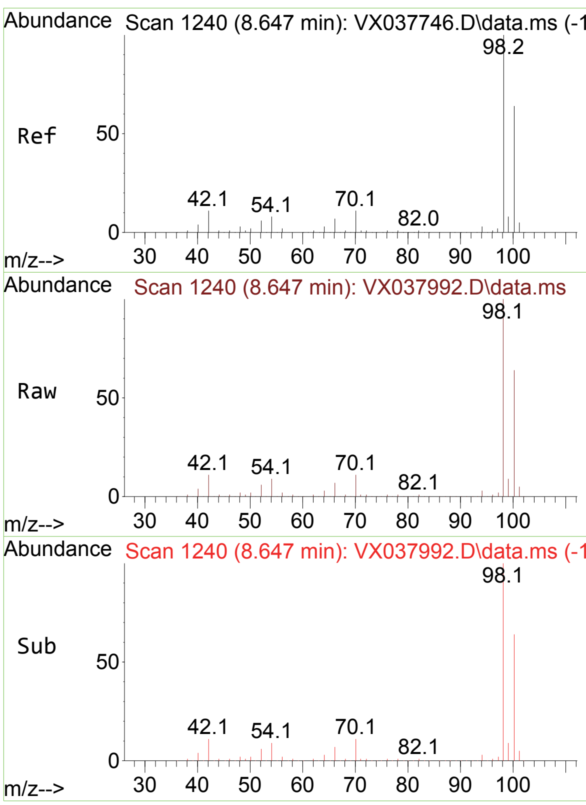
#49
1,4-Dioxane
Concen: 0.203 ug/l
RT: 7.696 min   Scan# 1(
Delta R.T.   0.024 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 18

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	60.1	90.1#

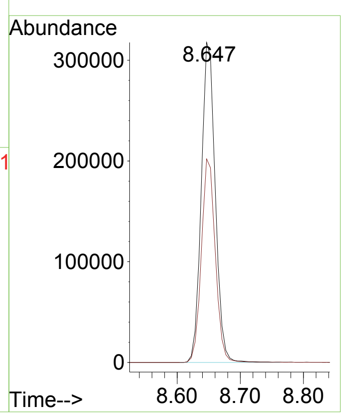


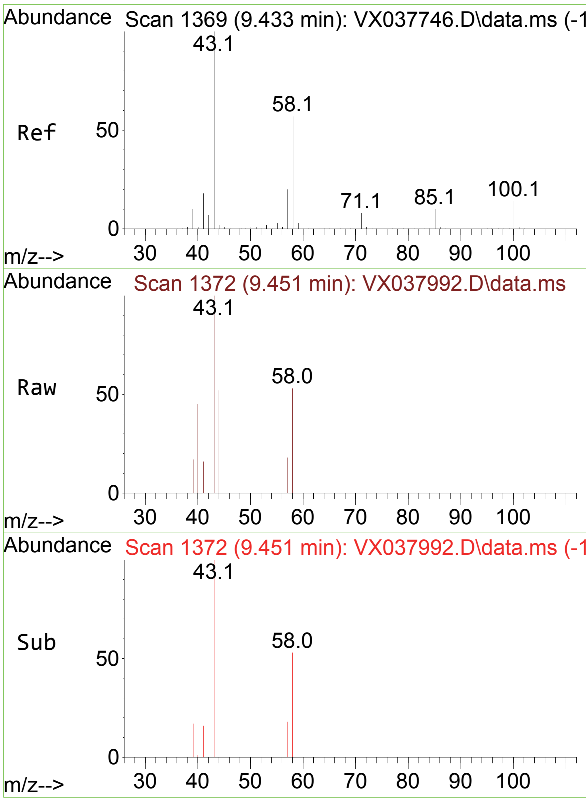


#50
Toluene-d8
Concen: 45.136 ug/l
RT: 8.647 min   Scan# 1240
Delta R.T.   -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023   10:37

Tgt Ion: 98 Resp: 490390

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.1	79.7





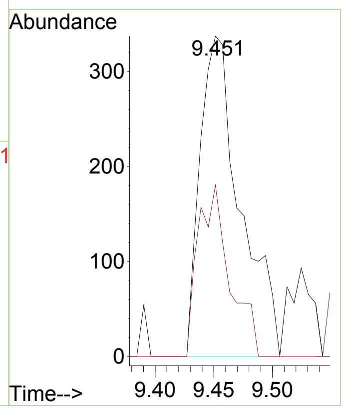
#59
2-Hexanone
Concen: 0.230 ug/l
RT: 9.451 min Scan# 1

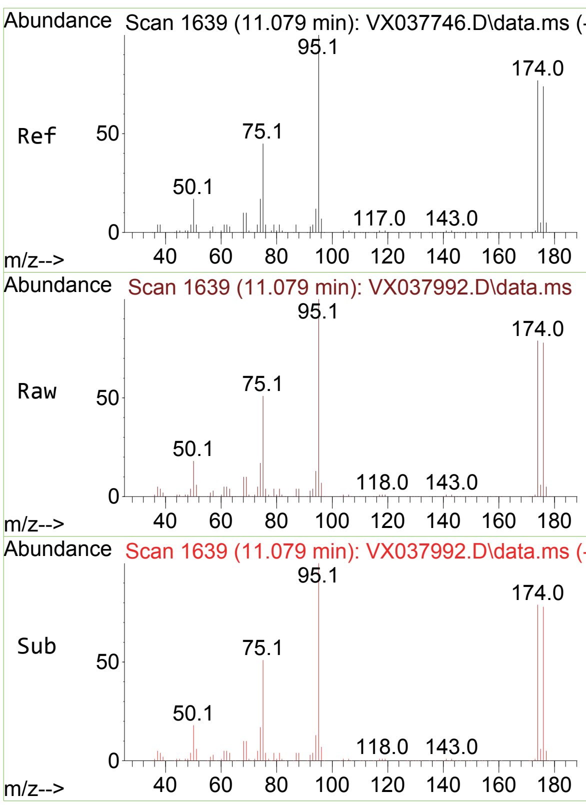
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. 0.018 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 43 Resp: 805

Ion	Ratio	Lower	Upper
43	100		
58	42.1	26.2	78.5

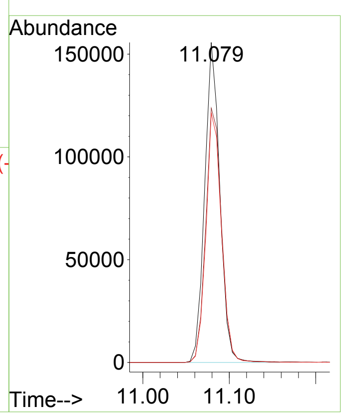


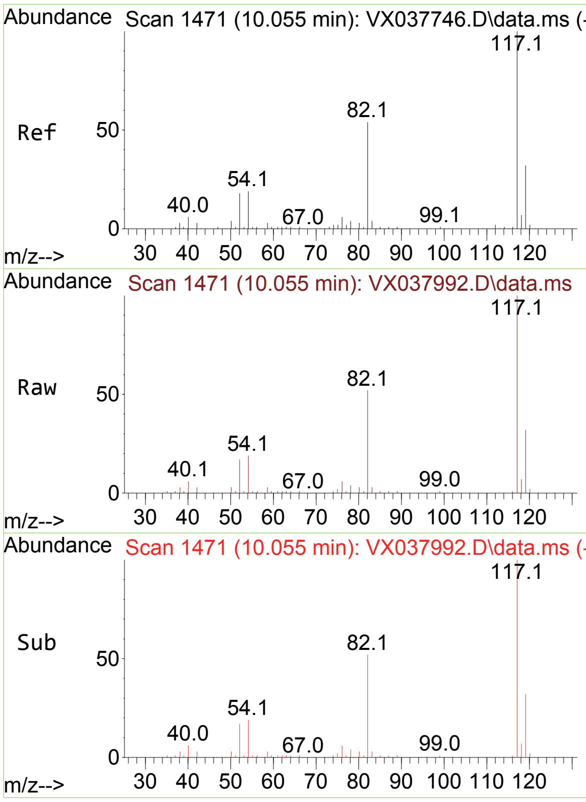


#62
4-Bromofluorobenzene
Concen: 48.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 95 Resp: 189626

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	135.6
176	79.7	0.0	131.0



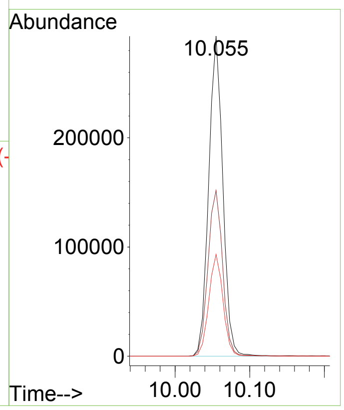


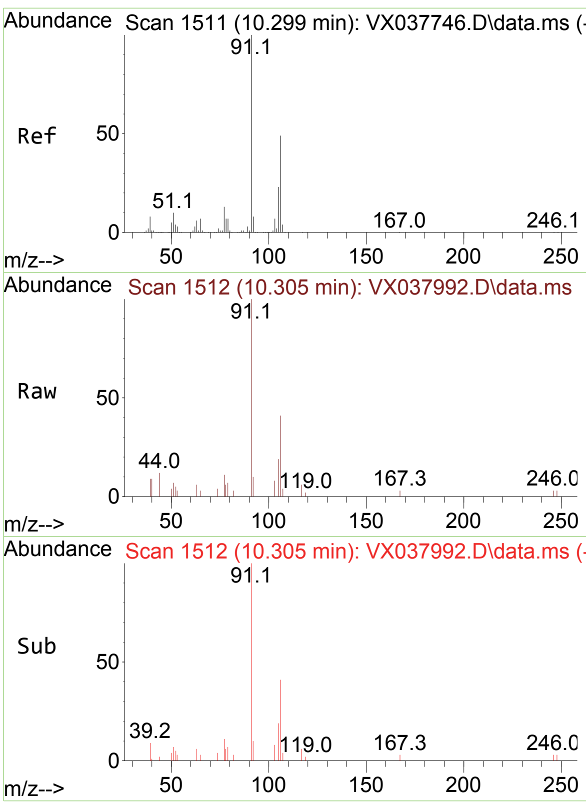
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 385290

Ion	Ratio	Lower	Upper
117	100		
82	51.8	46.2	69.4
119	31.8	25.5	38.3

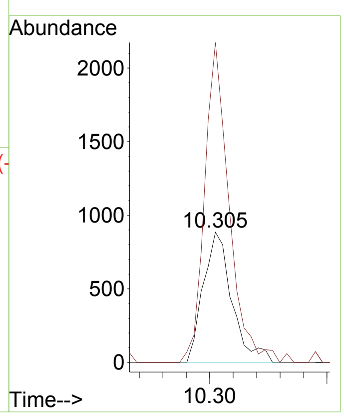


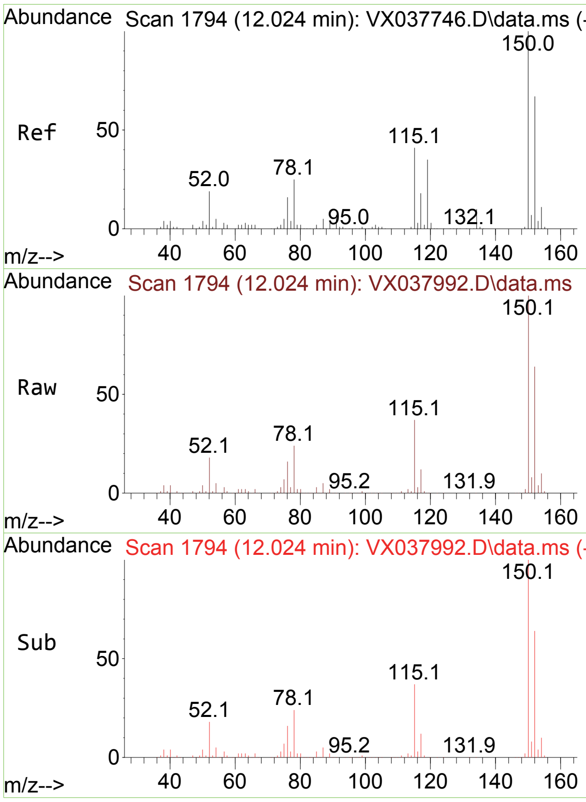


#68
m/p-Xylenes
Concen: 0.270 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:106 Resp: 1506

Ion	Ratio	Lower	Upper
106	100		
91	210.0	165.5	248.3





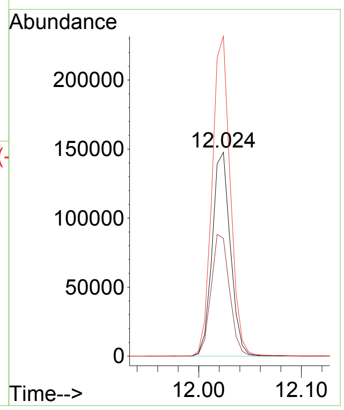
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1

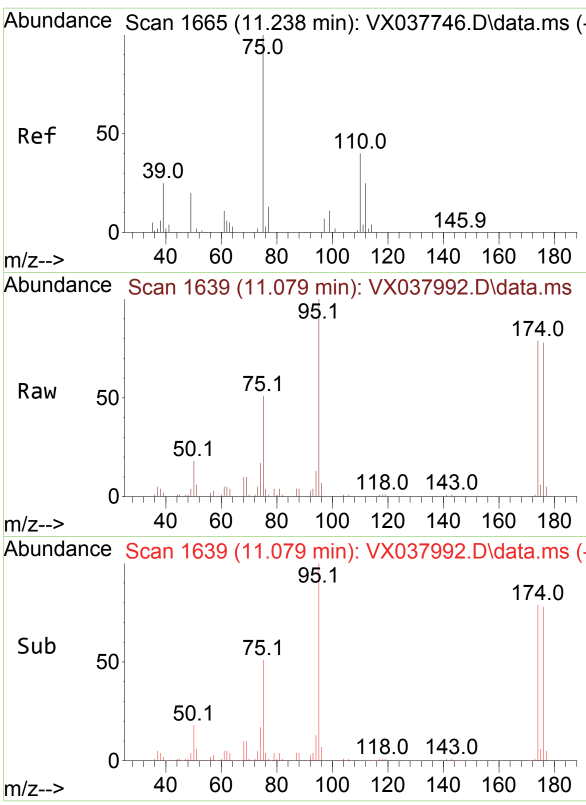
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:152 Resp: 182406

Ion	Ratio	Lower	Upper
152	100		
115	60.9	43.3	129.9
150	156.9	0.0	345.0

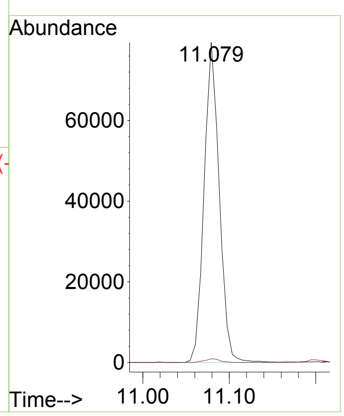


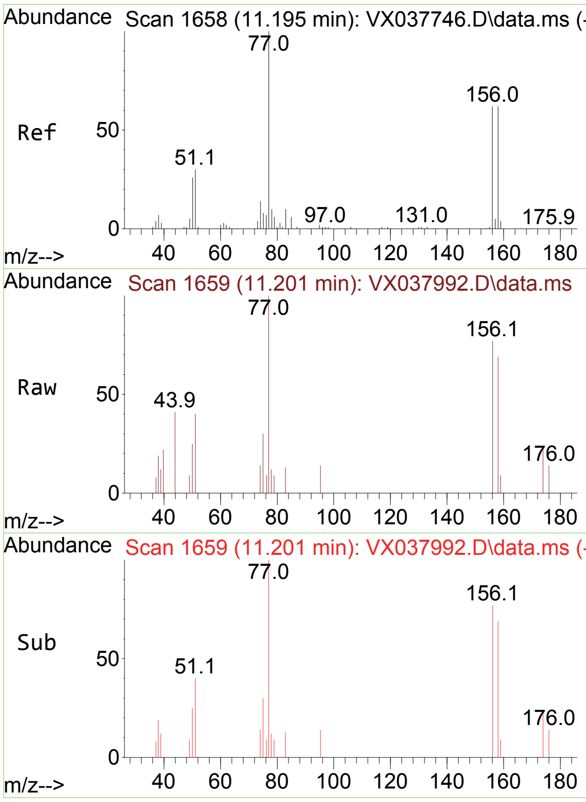


#76
1,2,3-Trichloropropane
Concen: 22.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 75 Resp: 96705

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





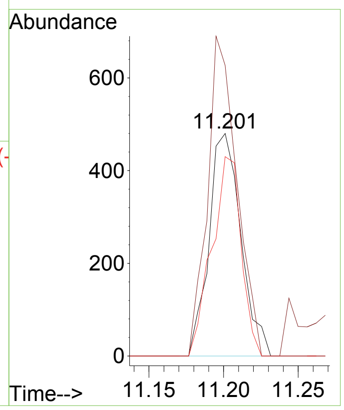
#77
Bromobenzene
Concen: 0.216 ug/l
RT: 11.201 min Scan# 1

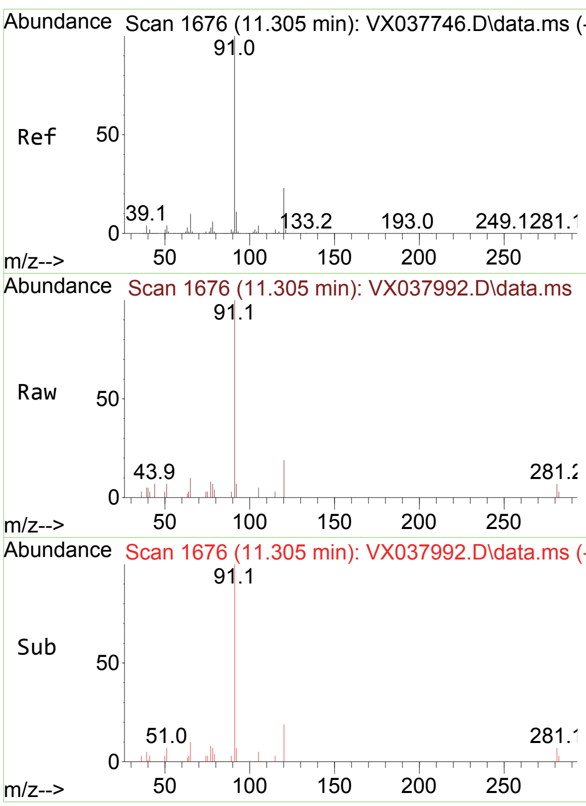
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:156 Resp: 715

Ion	Ratio	Lower	Upper
156	100		
77	131.9	88.4	265.3
158	82.4	48.0	144.0

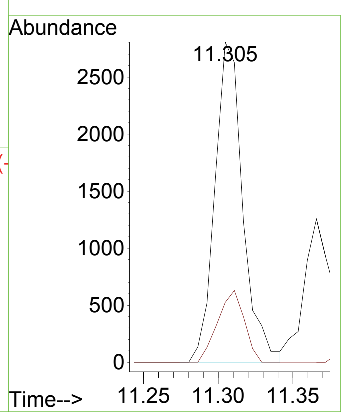


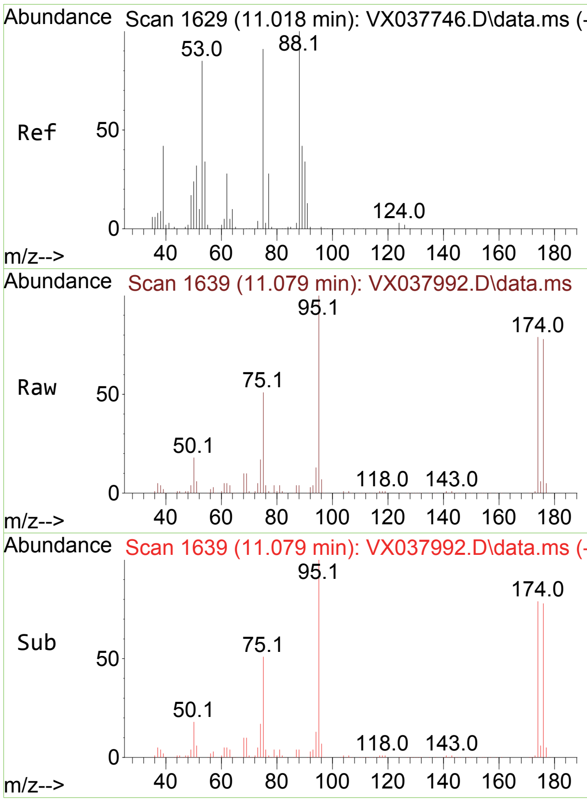


#78
n-propylbenzene
Concen: 0.242 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 91 Resp: 3653

Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.5	34.4





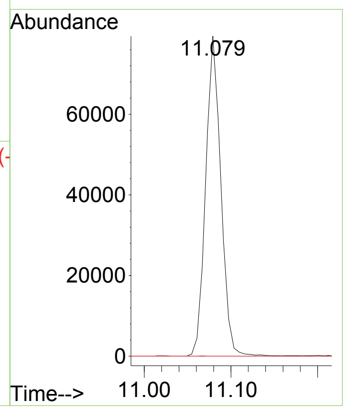
#81
trans-1,4-Dichloro-2-butene
Concen: 73.428 ug/l
RT: 11.079 min Scan# 1

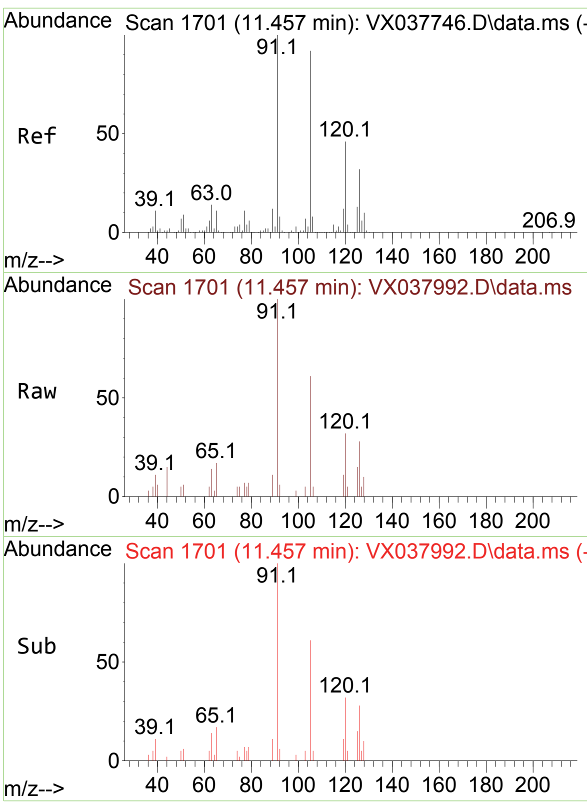
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. 0.061 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 75 Resp: 96705

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	36.9	55.3#

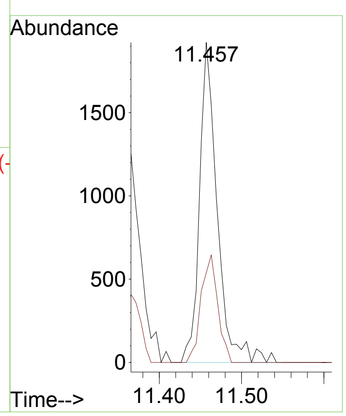


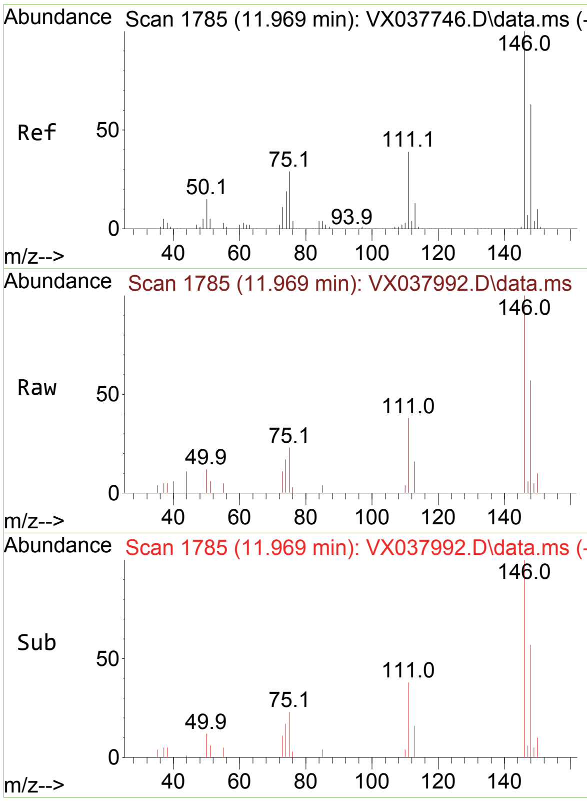


#82
4-Chlorotoluene
Concen: 0.275 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion: 91 Resp: 2880

Ion	Ratio	Lower	Upper
91	100		
126	31.6	14.2	42.6



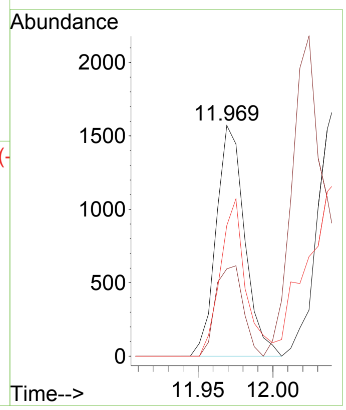


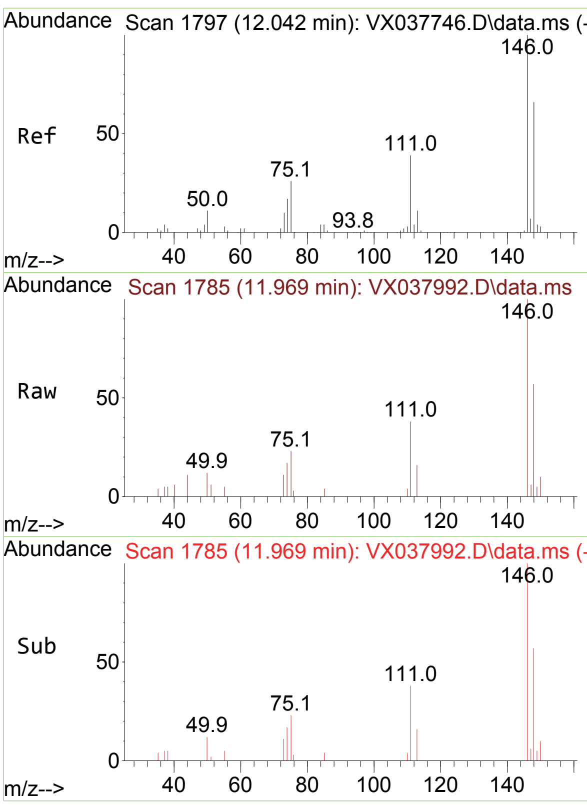
#87
1,3-Dichlorobenzene
Concen: 0.337 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2082

Ion	Ratio	Lower	Upper
146	100		
111	37.8	22.1	66.1
148	61.2	31.8	95.3

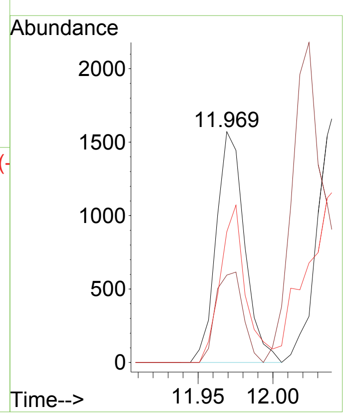


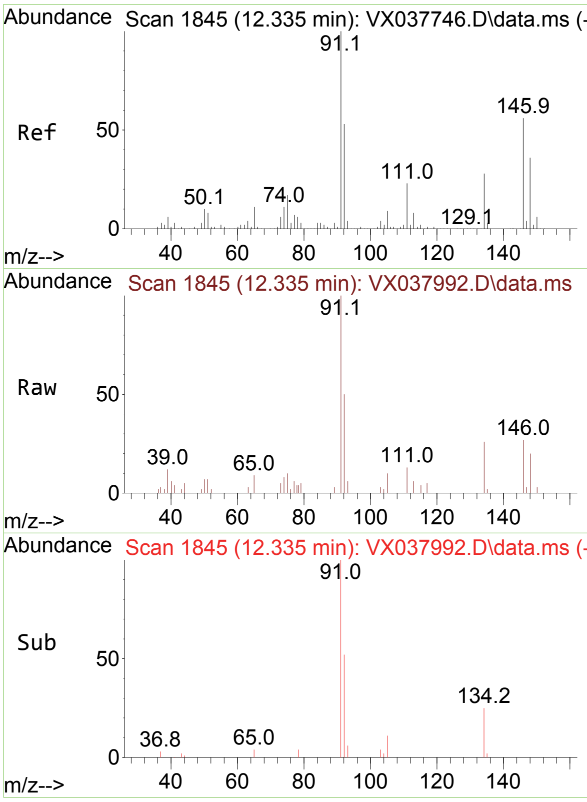


#88
1,4-Dichlorobenzene
Concen: 0.330 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:146 Resp: 2082

Ion	Ratio	Lower	Upper
146	100		
111	37.8	21.3	63.7
148	61.2	31.8	95.4



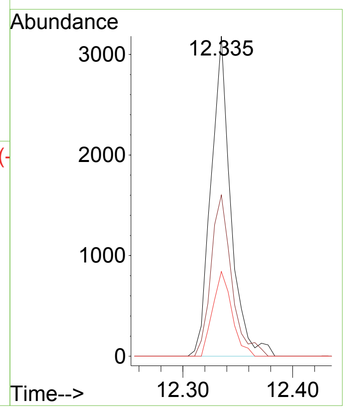


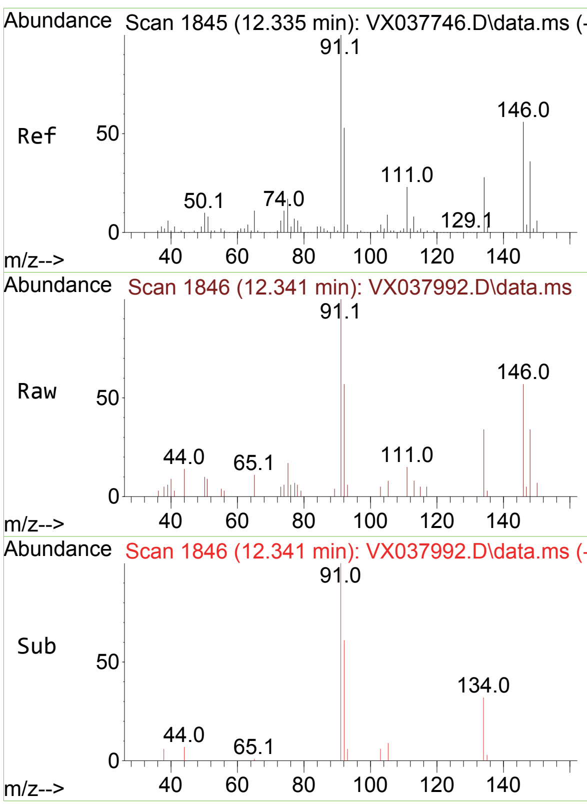
#89
n-Butylbenzene
Concen: 0.392 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 3963

Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.4	82.0
134	25.8	12.6	37.8

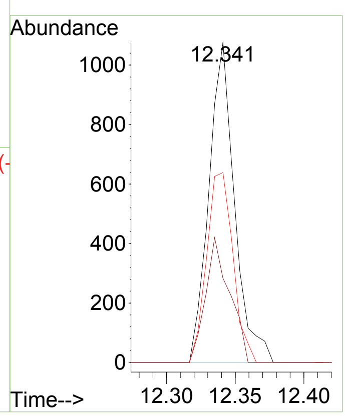


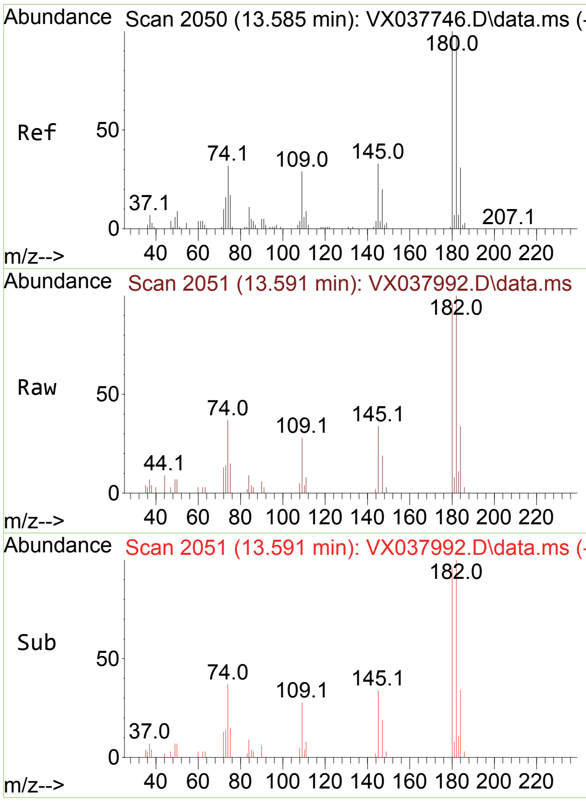


#91
1,2-Dichlorobenzene
Concen: 0.223 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:146 Resp: 1404

Ion	Ratio	Lower	Upper
146	100		
111	36.5	22.4	67.0
148	60.8	31.6	95.0



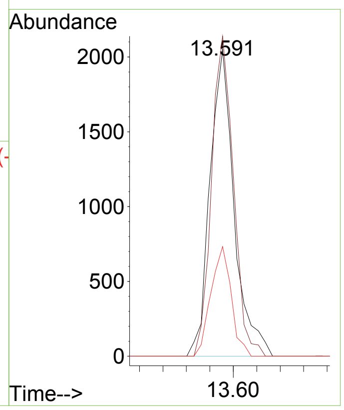


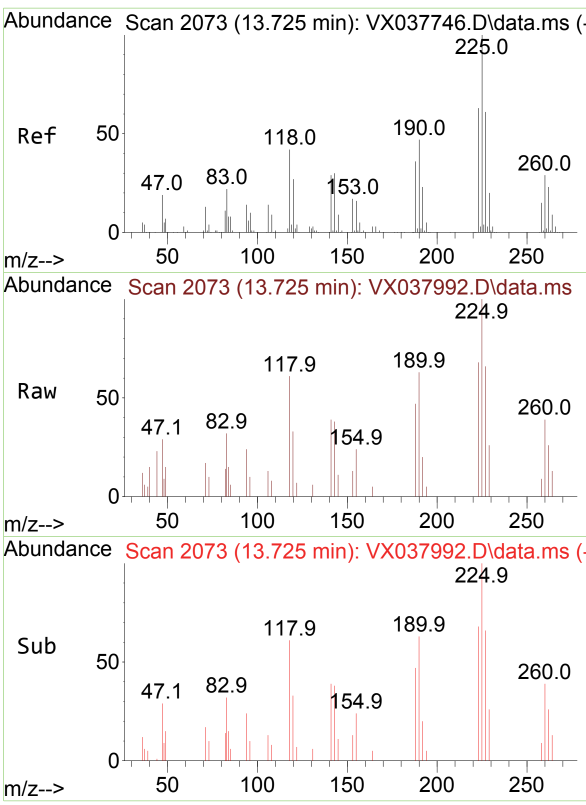
#93
1,2,4-Trichlorobenzene
Concen: 0.789 ug/l
RT: 13.591 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 2929

Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.3	144.8
145	30.1	18.0	54.0

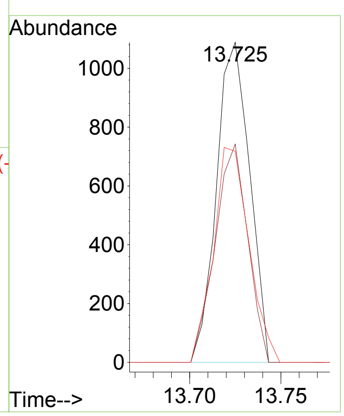


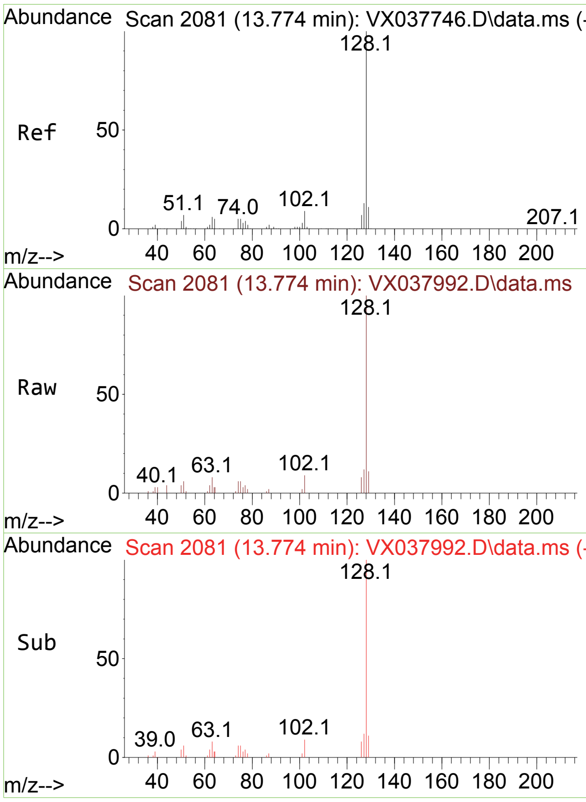


#94
Hexachlorobutadiene
Concen: 0.796 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:225 Resp: 1381

Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.1	93.2
227	72.1	32.5	97.5



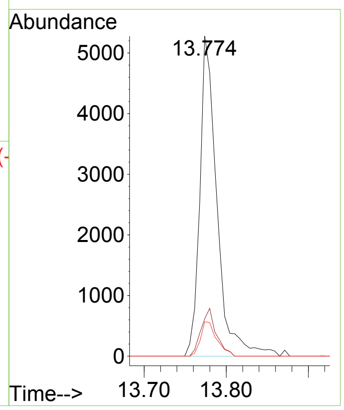


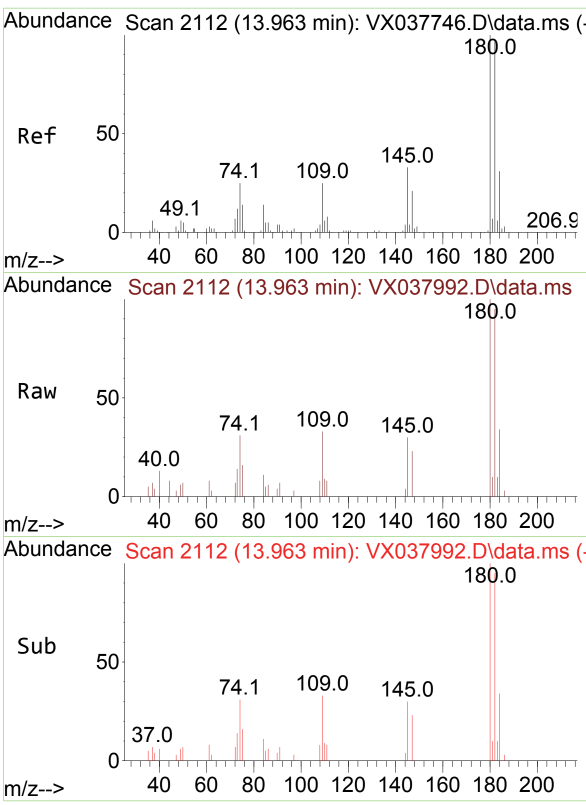
#95
Naphthalene
Concen: 0.612 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 7692

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.2	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.767 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037992.D
Acq: 30 Sep 2023 10:37

Tgt Ion:180 Resp: 2930

Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.6
145	29.6	17.8	53.5