Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Quant Time: Sep 23 01:51:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	71902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71612	54.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	5.391	113	61225	50.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	8.647	98	238036	50.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.079	95	76358	47.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.700%			
Target Compounds						Qvalue
6) Chloroethane	1.685	64	147	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	2100	Below Cal	#	73
13) Acrolein	2.197	56	50	Below Cal	#	15
16) Acetone	2.386	43	1217	Below Cal	#	87
20) Methylene Chloride	2.800	84	98	Below Cal	#	63
25) 2-Butanone	4.586	43	512	0.503 ug/l	#	49
36) 1,1-Dichloropropene	5.556	75	5616	2.988 ug/l	#	51
37) Ethyl Acetate	4.586	43	512	0.228 ug/l	#	68
38) Carbon Tetrachloride	5.550	117	6778	3.253 ug/l	#	16
39) Methylcyclohexane	7.379	83	2473	1.069 ug/l	#	85
55) 1,1,2-Trichloroethane	9.098	97	1909	1.267 ug/l	#	17
56) Ethyl methacrylate	9.104	69	527	0.246 ug/l	#	1
61) 1,2-Dibromoethane	9.616	107	2774	1.709 ug/l		93
67) Ethyl Benzene	10.195	91	1589	0.264 ug/l		97
68) m/p-Xylenes	10.299	106	11069	4.575 ug/l		95
69) o-Xylene	10.640	106	42411	18.363 ug/l		96
70) Styrene	10.640	104	2232	0.587 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.171	83	23	Below Cal	#	39
76) 1,2,3-Trichloropropane	11.079	75	43880	35.926 ug/l	#	36
78) n-propylbenzene	11.299	91	1416	0.301 ug/l	#	52
79) 2-Chlorotoluene	11.378	91	4947	1.768 ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.451	105	36693	10.580 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.079	75	43880	115.676 ug/l	#	11
82) 4-Chlorotoluene	11.451	91	4191	1.276 ug/l	#	44
83) tert-Butylbenzene	11.750	119	4701	1.399 ug/l	#	59
84) 1,2,4-Trimethylbenzene	11.750	105	37497	10.978 ug/l		100
85) sec-Butylbenzene	11.750	105	37497	8.815 ug/l	#	56
86) p-Isopropyltoluene	12.012	119	2244	0.625 ug/l		84
89) n-Butylbenzene	12.317	91	6760	2.209 ug/l	#	1
90) Hexachloroethane	12.555	117	1541	2.497 ug/l	#	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	301	1.072 ug/l	#	3
95) Naphthalene	13.774	128	20599	5.251 ug/l	#	97

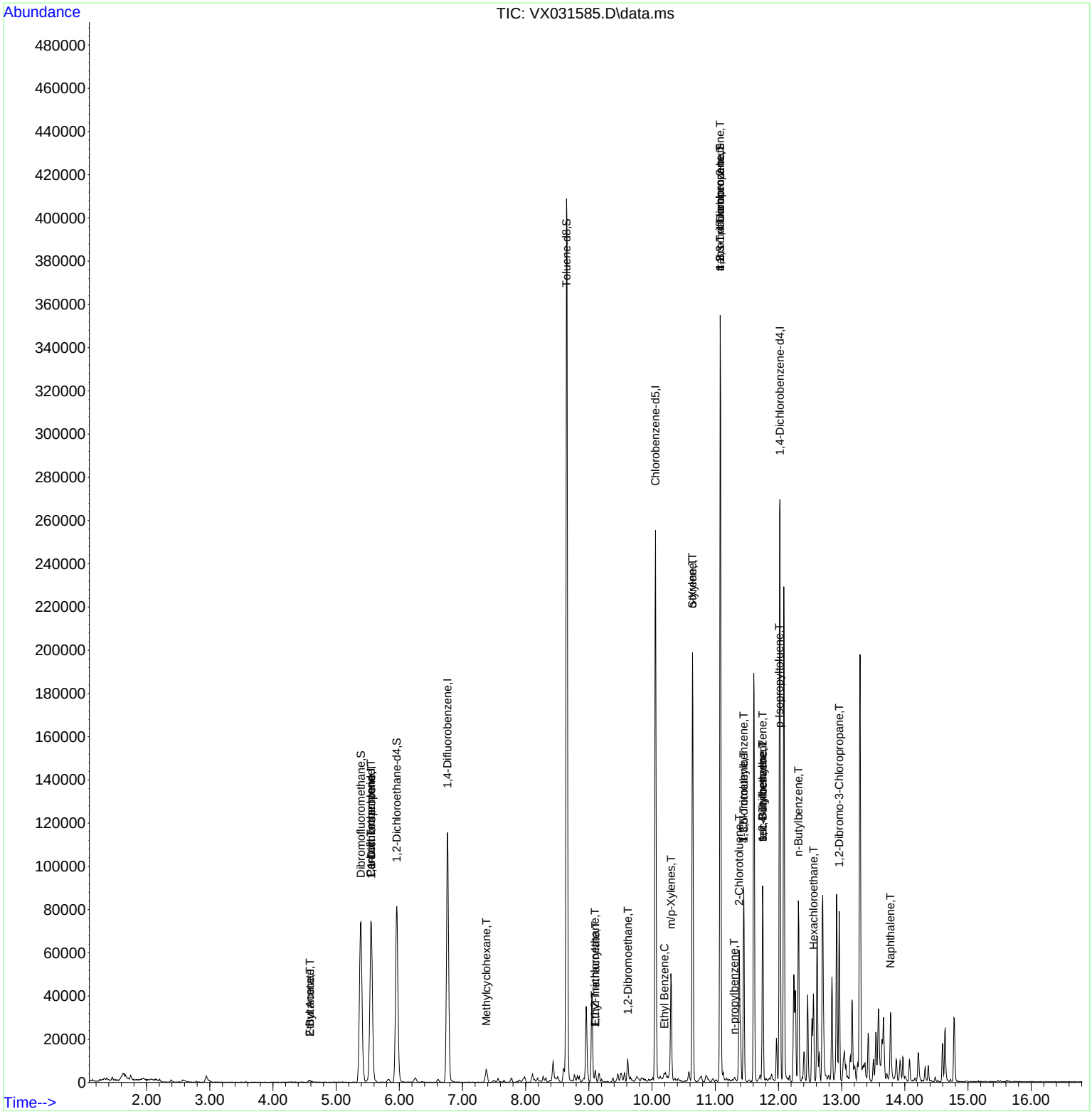
(#) = qualifier out of range (m) = manual integration (+) = signals summed

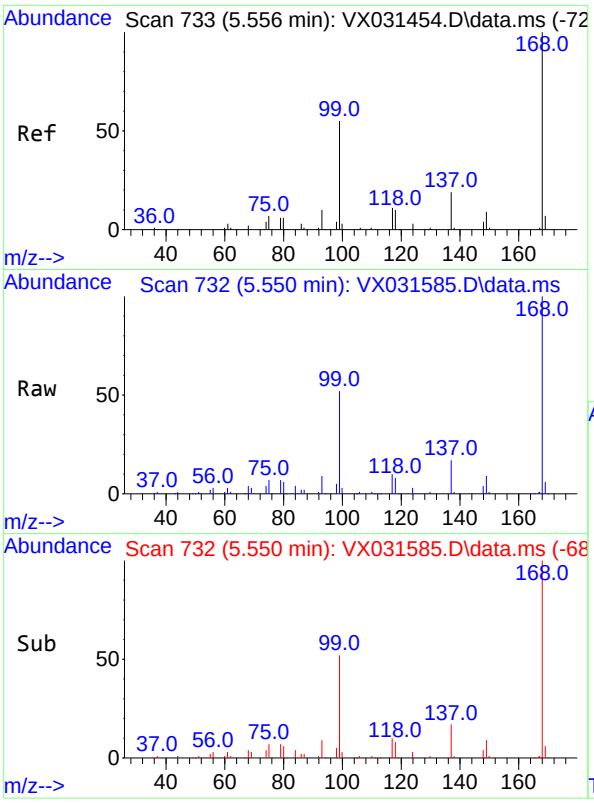
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Quant Time: Sep 23 01:51:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



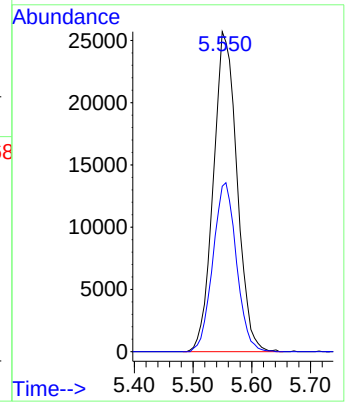


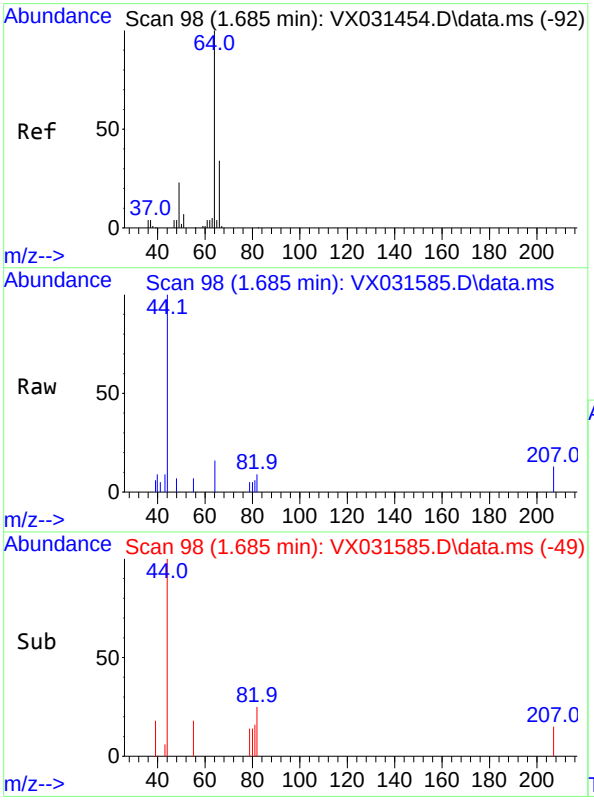
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion:168 Resp: 71902

Ion	Ratio	Lower	Upper
168	100		
99	51.7	48.8	73.2

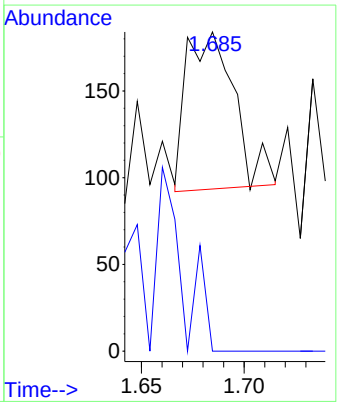


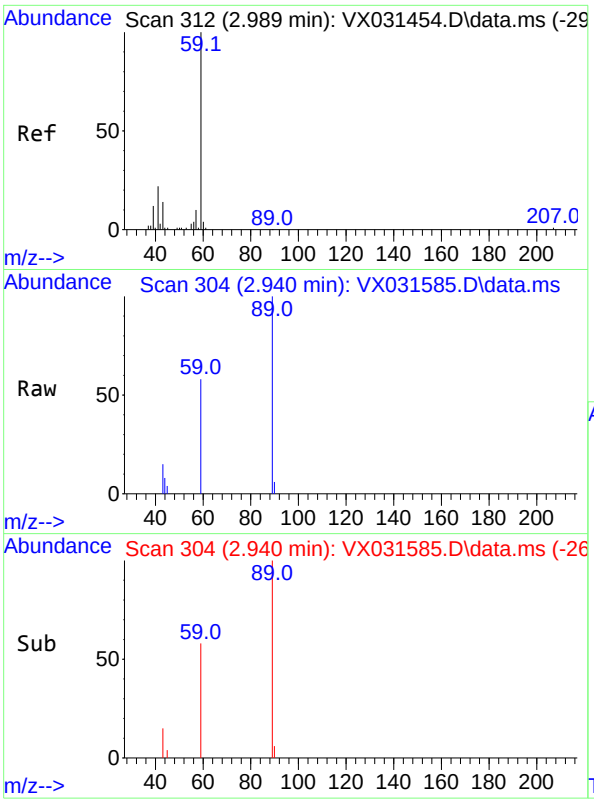


#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 64 Resp: 147

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#



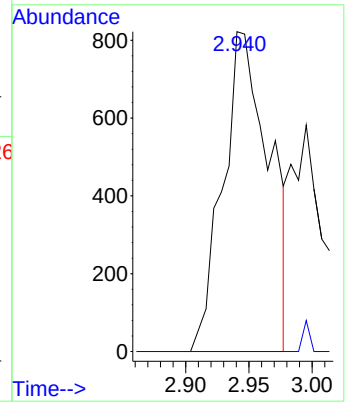


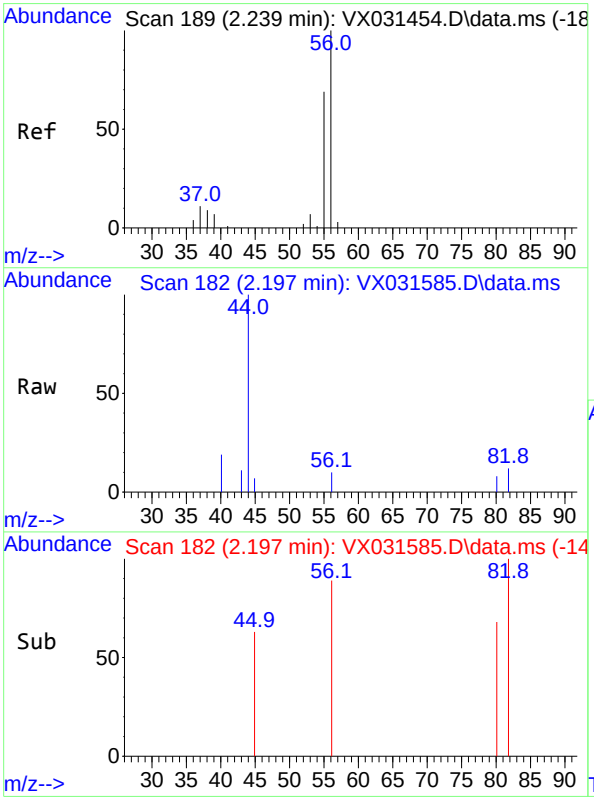
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 3
Delta R.T. -0.049 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 59 Resp: 2100

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

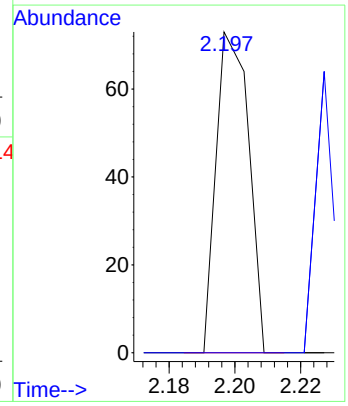


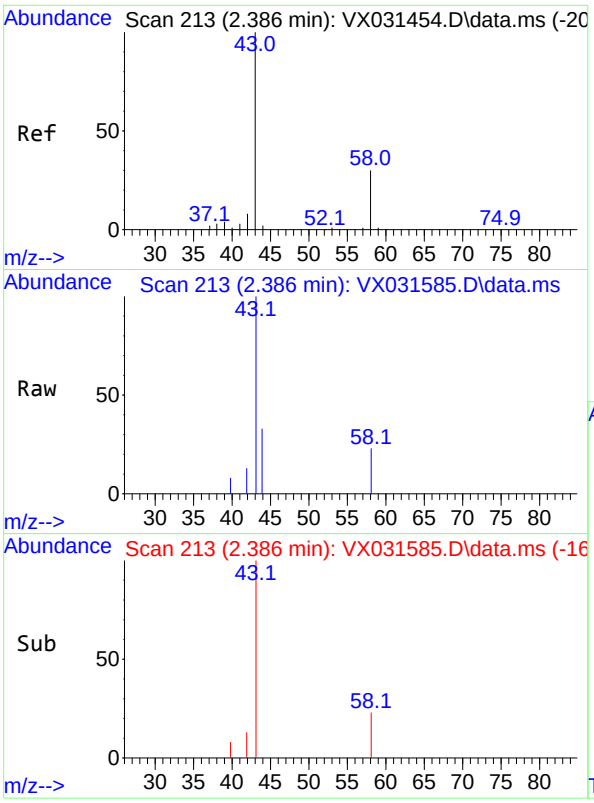


#13
Acrolein
Concen: Below Cal
RT: 2.197 min Scan# 182
Delta R.T. -0.042 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 56 Resp: 50

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.0	84.0#



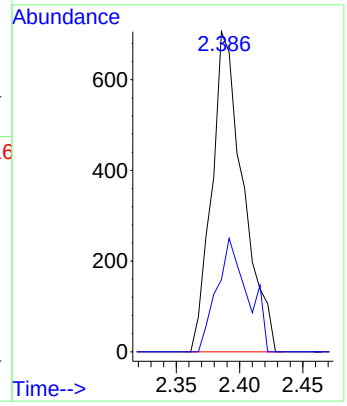


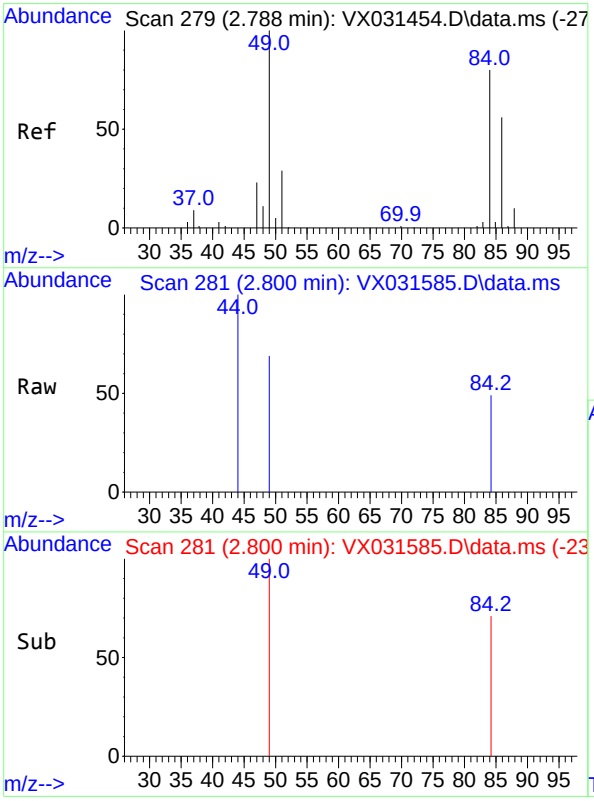
#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 43 Resp: 1217

Ion	Ratio	Lower	Upper
43	100		
58	22.5	23.8	35.8#

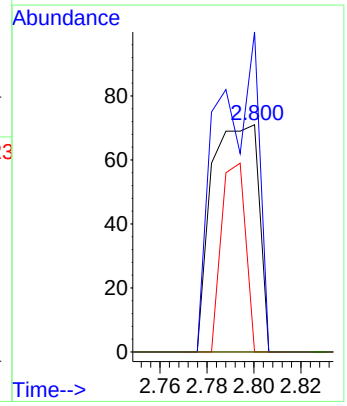


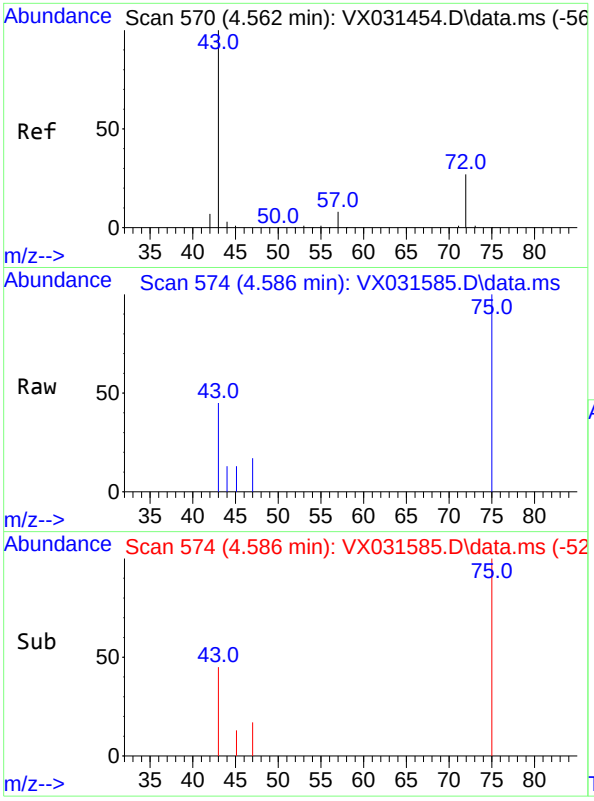


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 84 Resp: 98

Ion	Ratio	Lower	Upper
84	100		
49	140.8	105.9	158.9
51	0.0	32.2	48.2#
86	0.0	50.8	76.2#



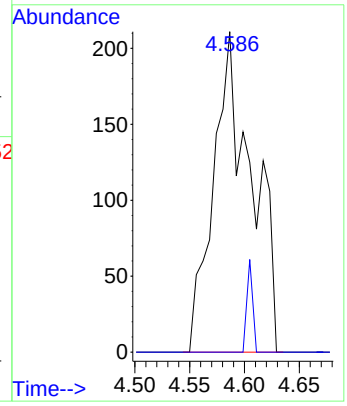


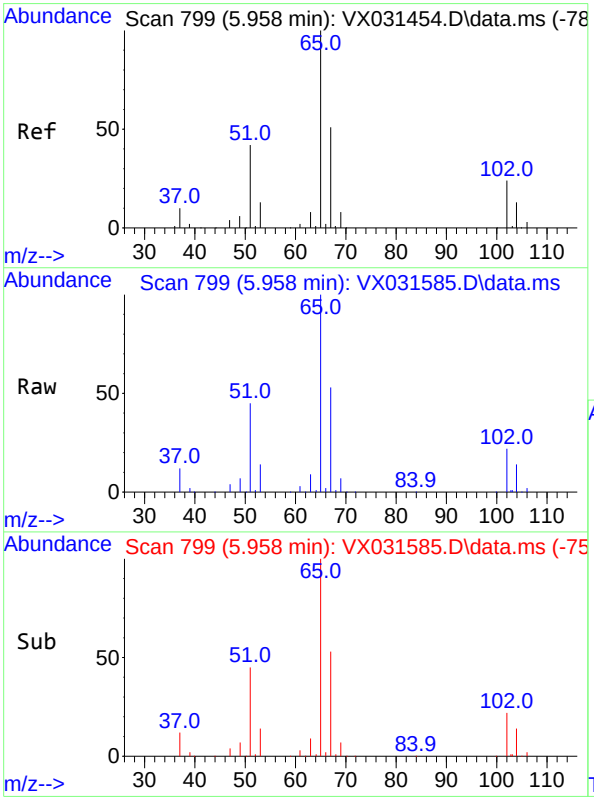
#25
2-Butanone
Concen: 0.503 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 43 Resp: 512

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#

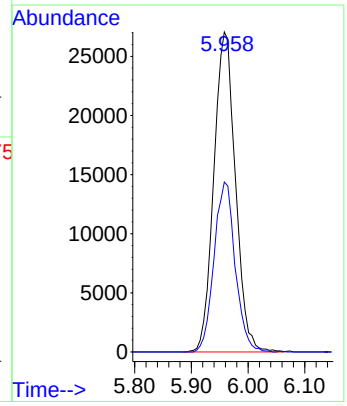


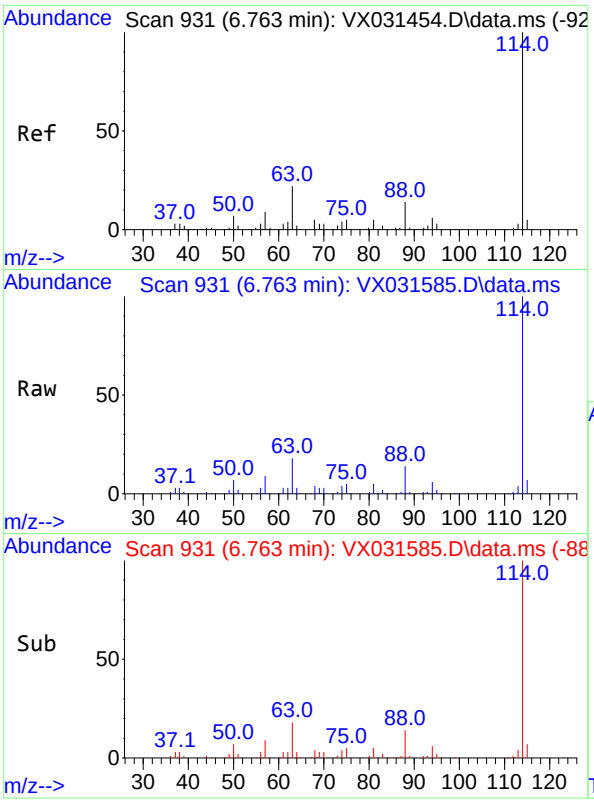


#33
1,2-Dichloroethane-d4
Concen: 54.299 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 65 Resp: 71612

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.4



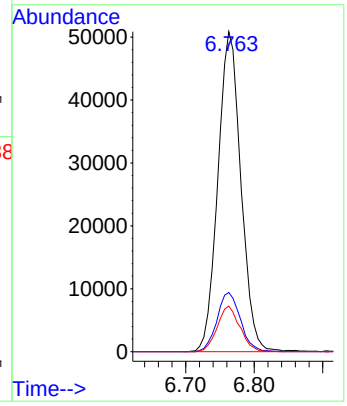


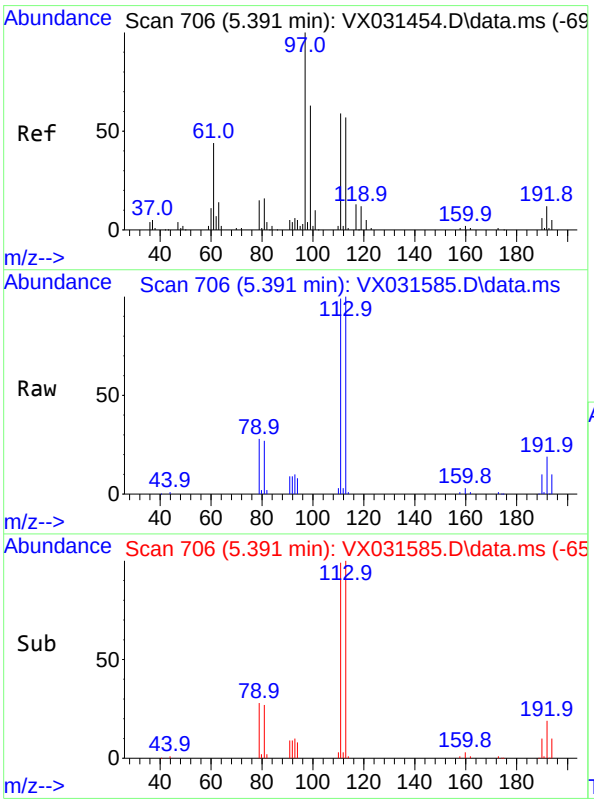
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion:114 Resp: 118255

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.6
88	14.3	0.0	33.0

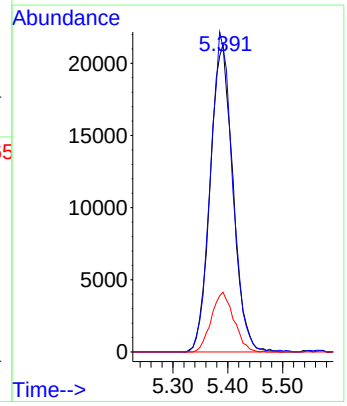


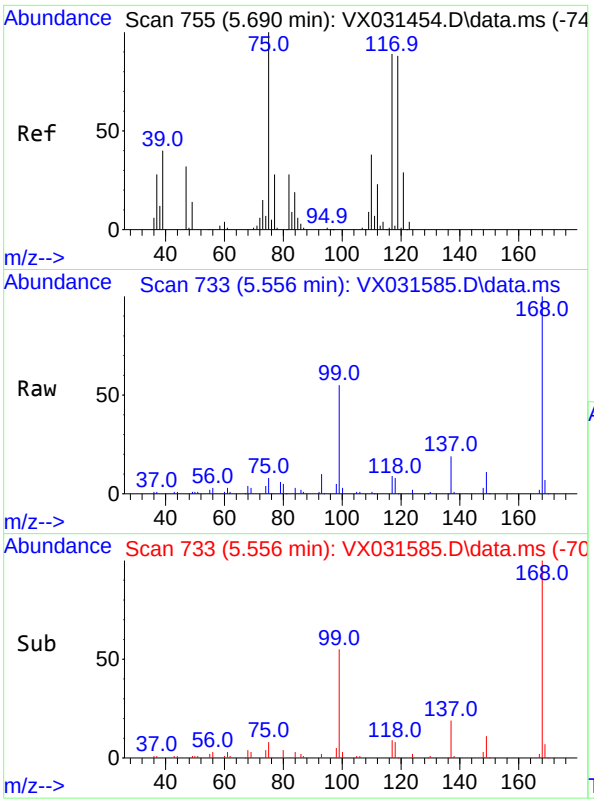


#35
Dibromofluoromethane
Concen: 50.092 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:113 Resp: 61225

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	19.3	14.1	21.1



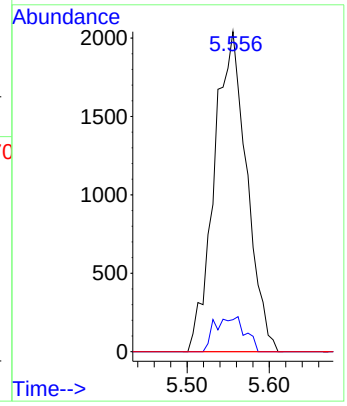


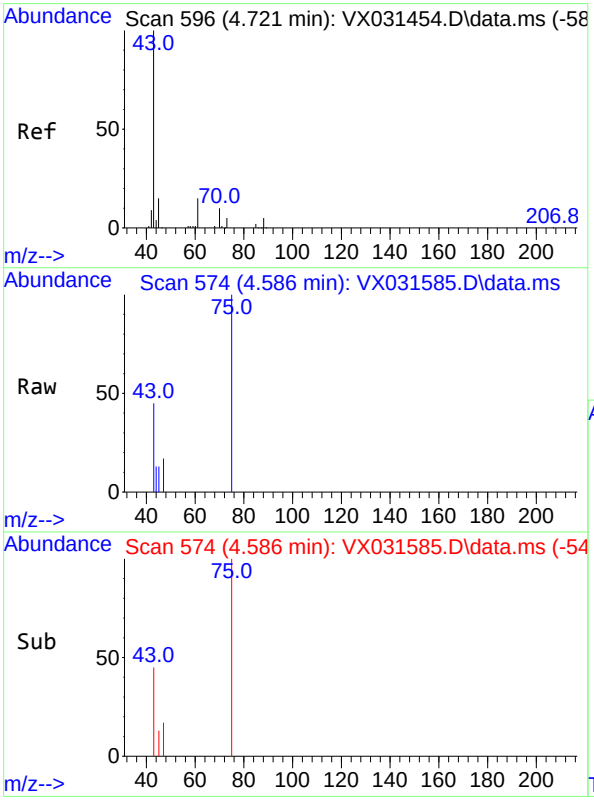
#36
1,1-Dichloropropene
Concen: 2.988 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 75 Resp: 5616

Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.5	52.5#
77	0.0	24.9	37.3#

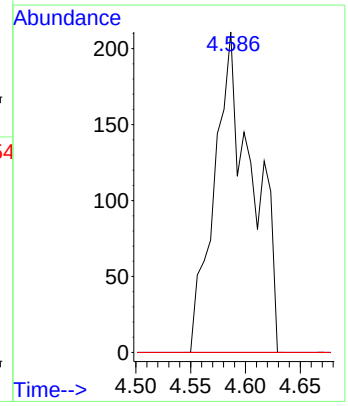


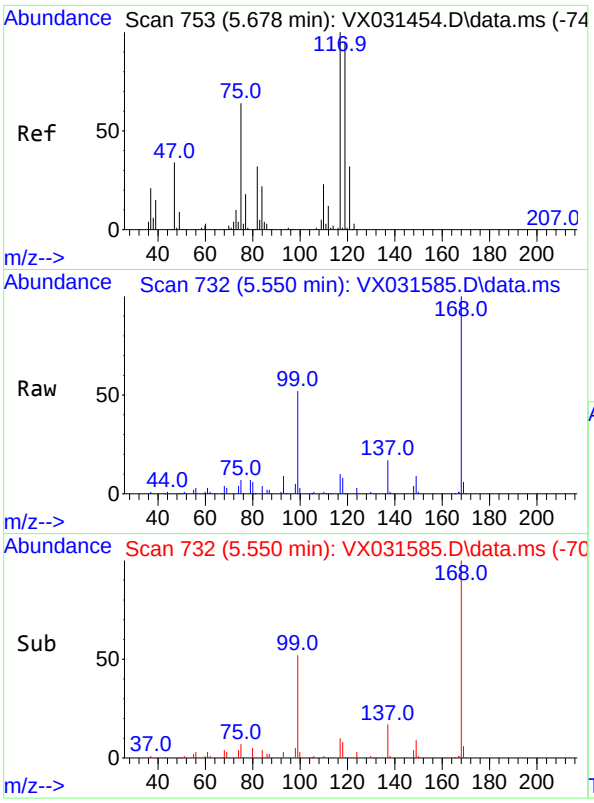


#37
Ethyl Acetate
Concen: 0.228 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.135 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 43 Resp: 512

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.6	13.0#



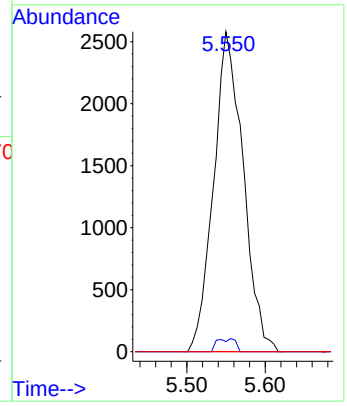


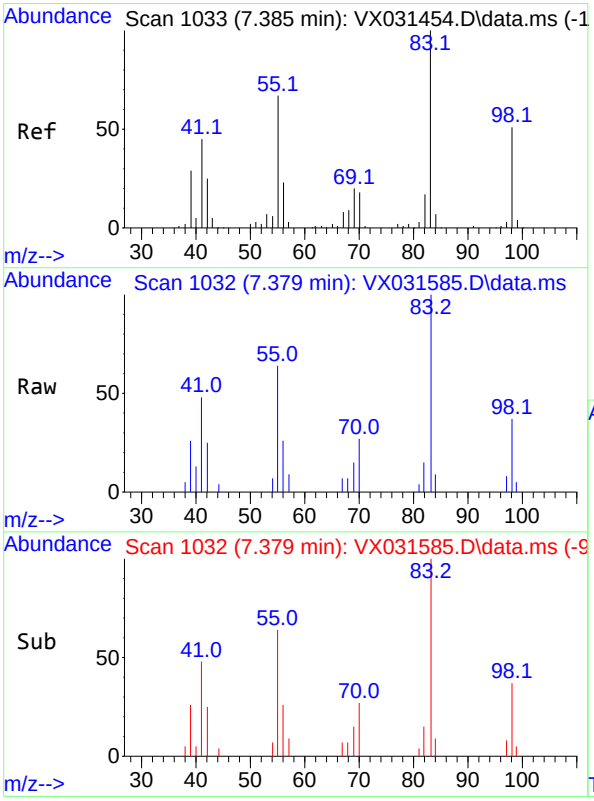
#38
Carbon Tetrachloride
Concen: 3.253 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion:117 Resp: 6778

Ion	Ratio	Lower	Upper
117	100		
119	3.2	74.6	112.0#
121	0.0	25.3	37.9#

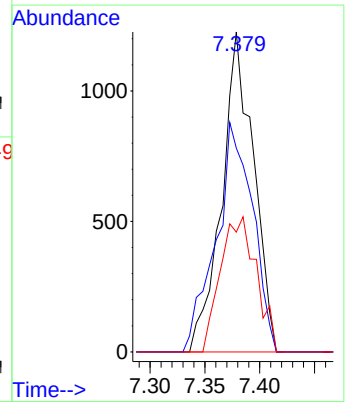


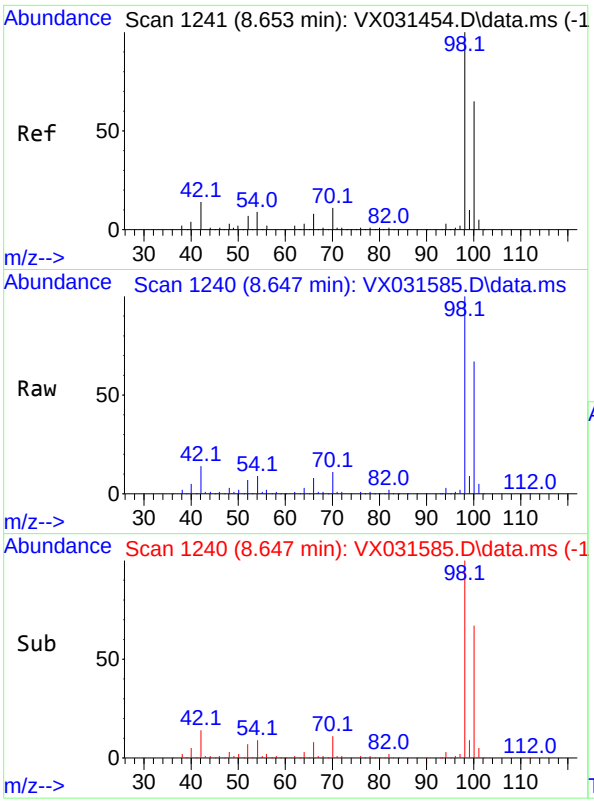


#39
Methylcyclohexane
Concen: 1.069 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 83 Resp: 2473

Ion	Ratio	Lower	Upper
83	100		
55	63.7	61.0	91.4
98	37.4	37.7	56.5#



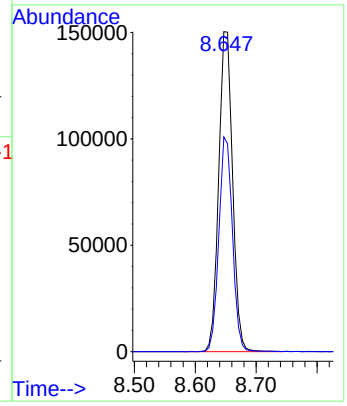


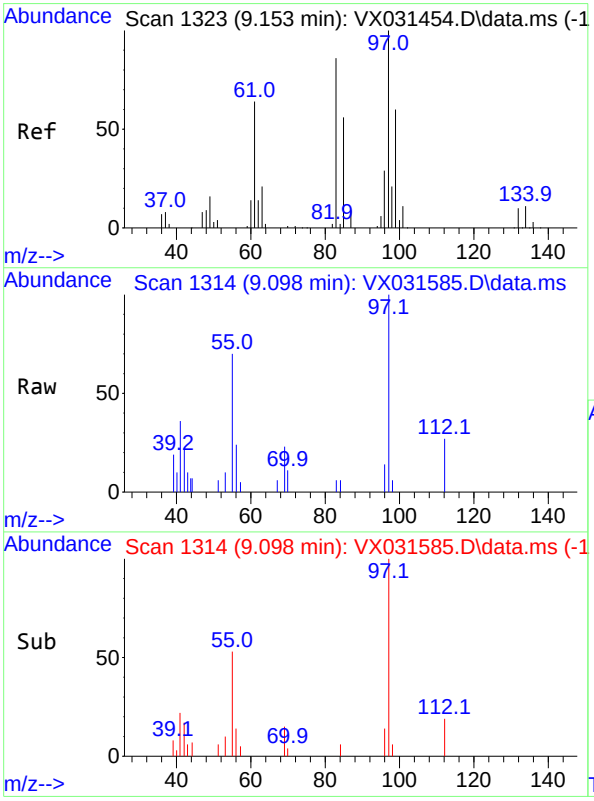
#50
Toluene-d8
Concen: 50.523 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 98 Resp: 238036

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7

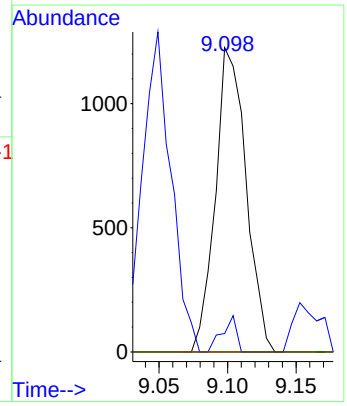


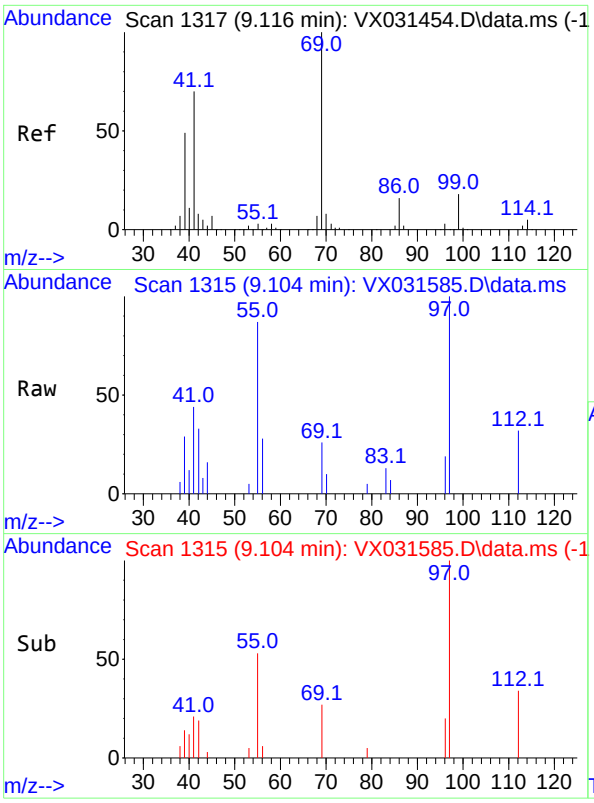


#55
1,1,2-Trichloroethane
Concen: 1.267 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.055 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 97 Resp: 1909

Ion	Ratio	Lower	Upper
97	100		
83	6.0	69.0	103.6#
85	0.0	44.1	66.1#
99	0.0	51.3	76.9#



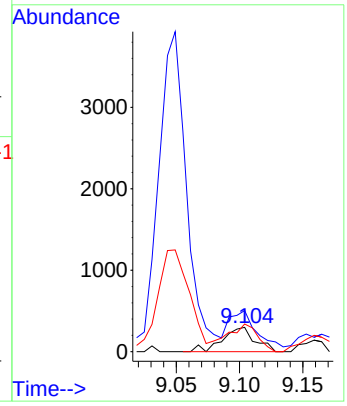


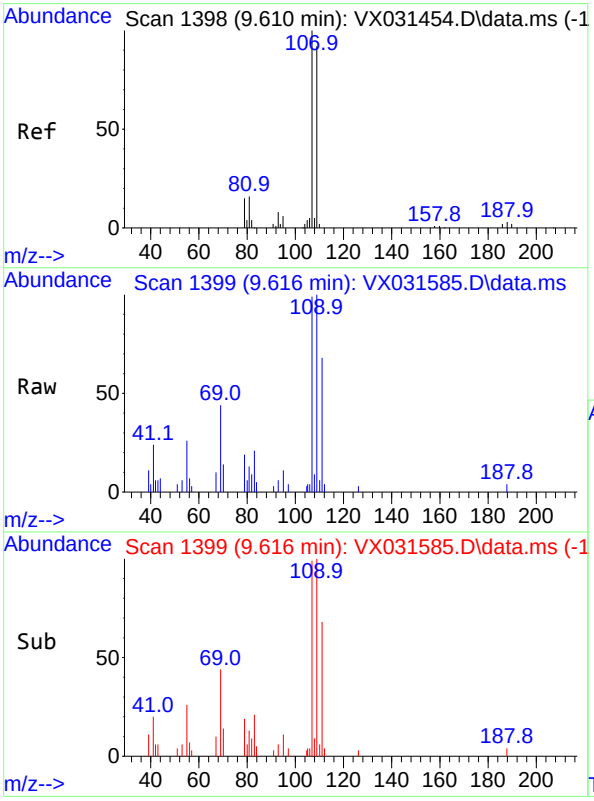
#56
Ethyl methacrylate
Concen: 0.246 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 69 Resp: 527

Ion	Ratio	Lower	Upper
69	100		
41	151.4	54.2	81.4#
39	102.7	34.2	51.2#

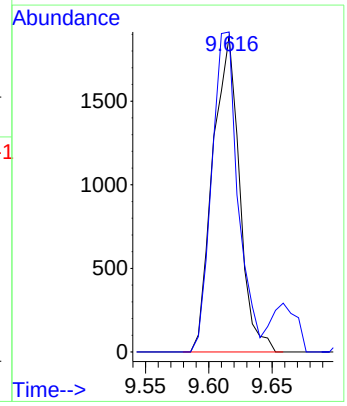


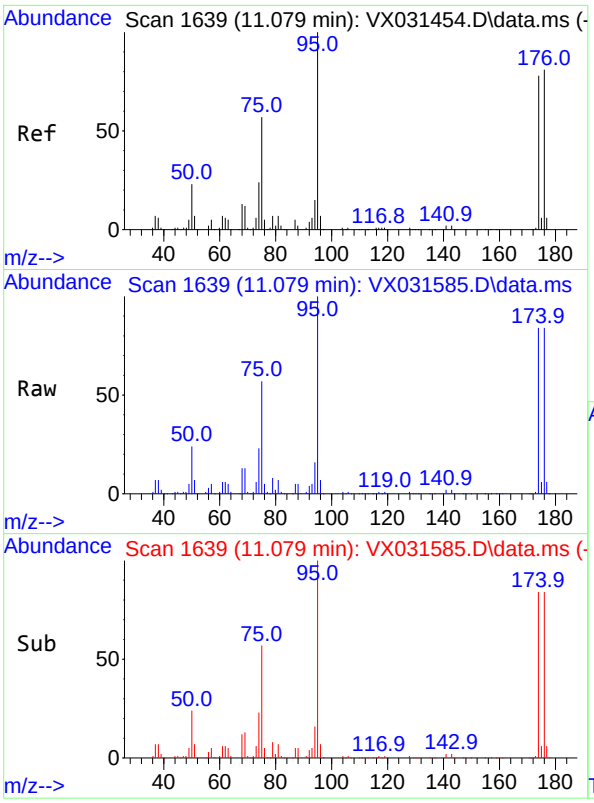


#61
1,2-Dibromoethane
Concen: 1.709 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:107 Resp: 2774

Ion	Ratio	Lower	Upper
107	100		
109	99.6	74.2	111.4



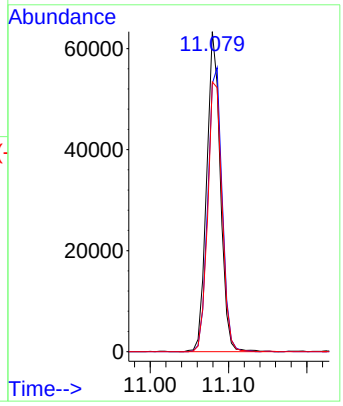


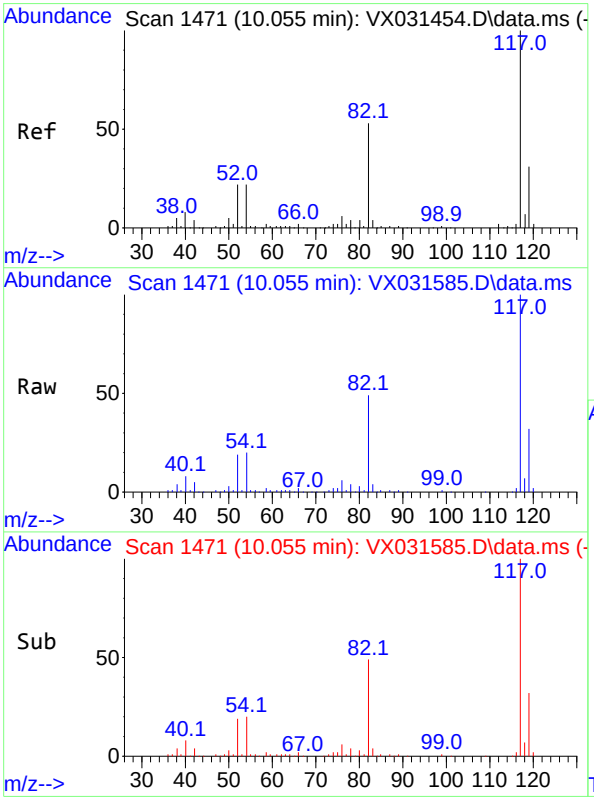
#62
4-Bromofluorobenzene
Concen: 47.847 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 95 Resp: 76358

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	153.2
176	88.5	0.0	144.0

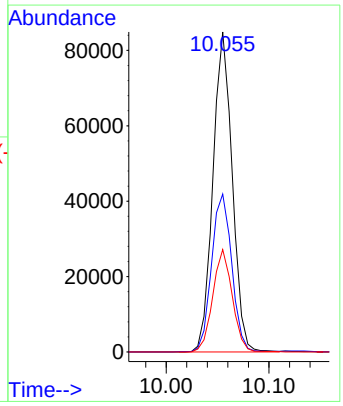


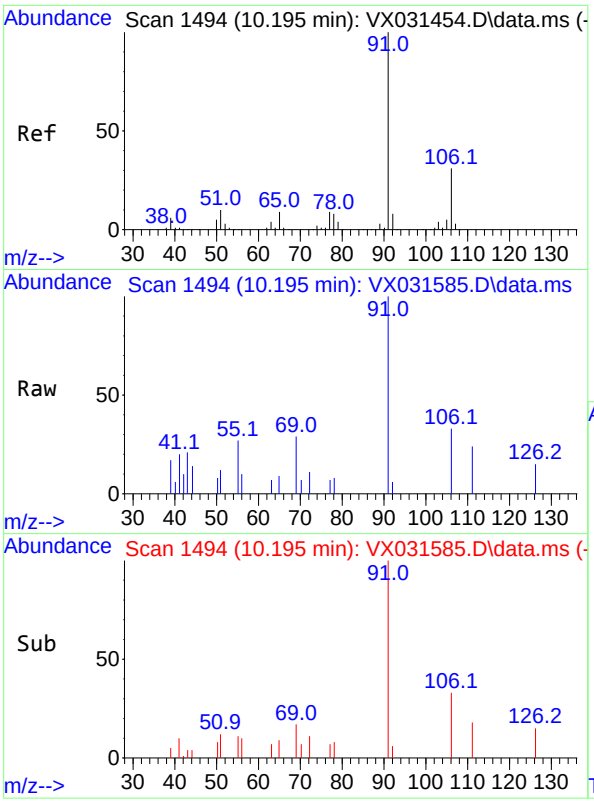


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:117 Resp: 110585

Ion	Ratio	Lower	Upper
117	100		
82	49.2	46.8	70.2
119	32.0	26.4	39.6



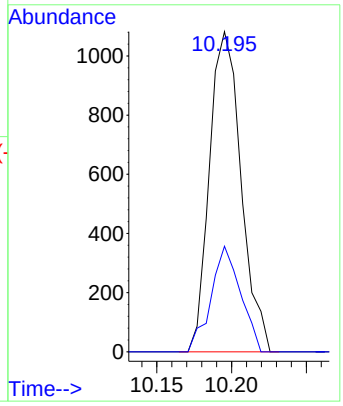


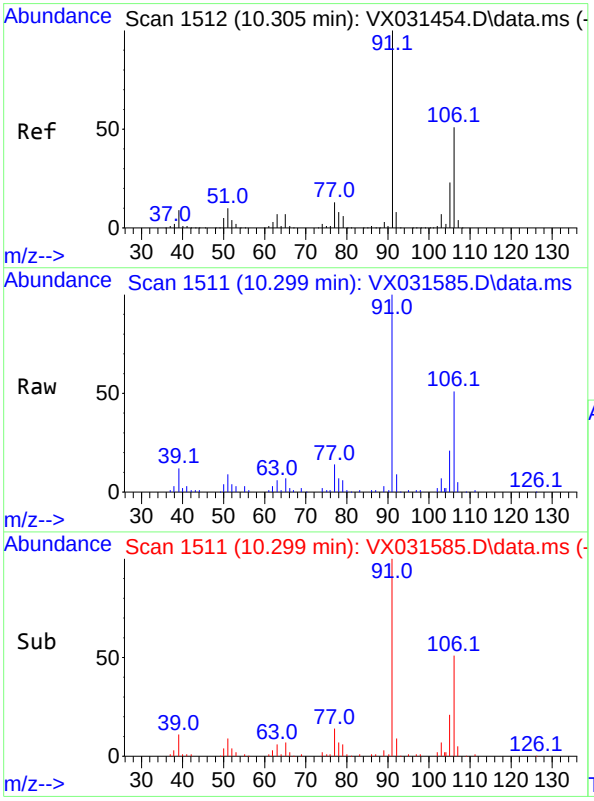
#67
Ethyl Benzene
Concen: 0.264 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 91 Resp: 1589

Ion	Ratio	Lower	Upper
91	100		
106	33.0	25.2	37.8

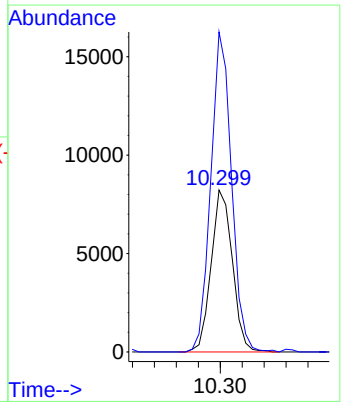


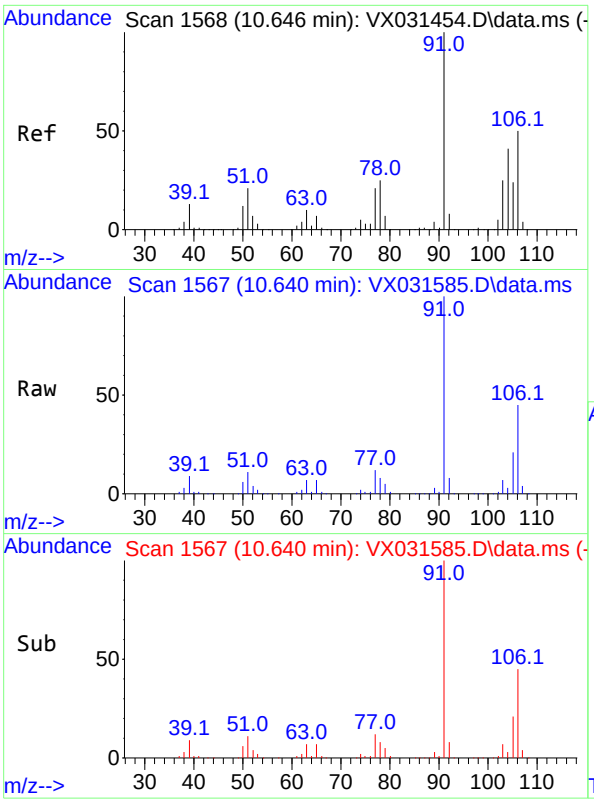


#68
m/p-Xylenes
Concen: 4.575 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:106 Resp: 11069

Ion	Ratio	Lower	Upper
106	100		
91	192.9	161.0	241.4



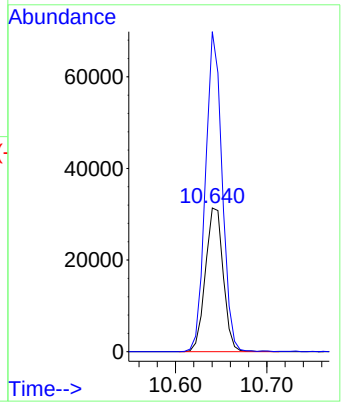


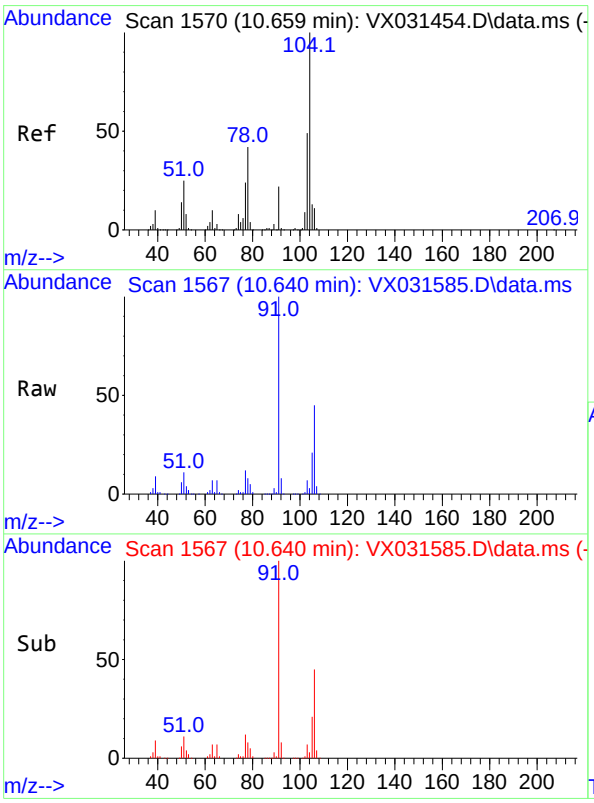
#69
o-Xylene
Concen: 18.363 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion:106 Resp: 42411

Ion	Ratio	Lower	Upper
106	100		
91	207.4	107.2	321.6

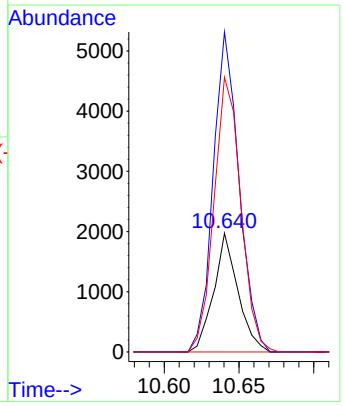


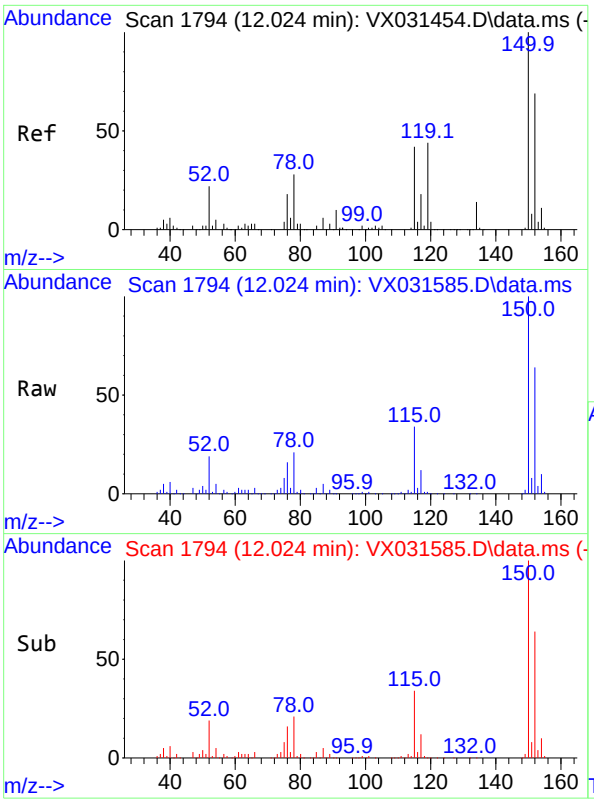


#70
Styrene
Concen: 0.587 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:104 Resp: 2232

Ion	Ratio	Lower	Upper
104	100		
78	286.0	41.4	62.2#
103	254.7	43.8	65.8#



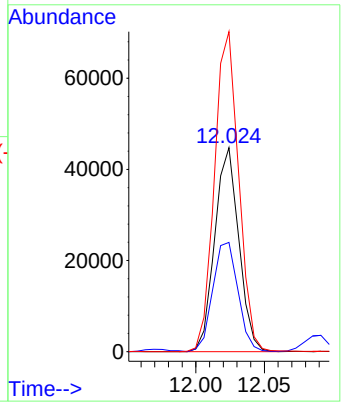


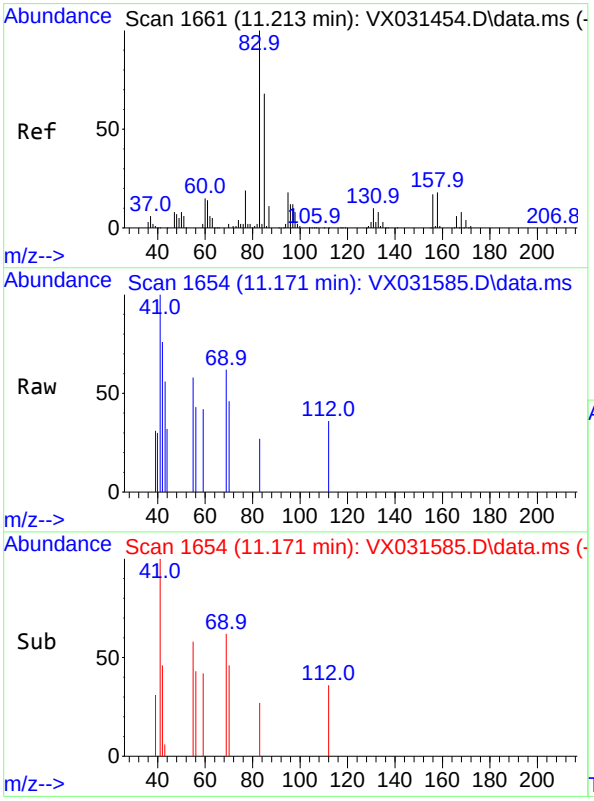
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion:152 Resp: 54725

Ion	Ratio	Lower	Upper
152	100		
115	56.3	43.4	130.1
150	158.2	0.0	346.8

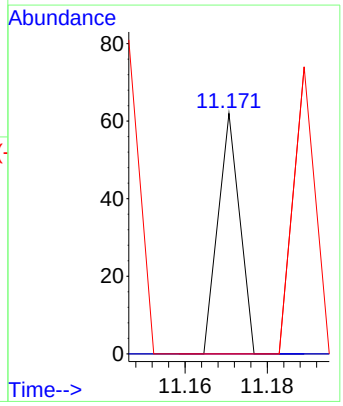


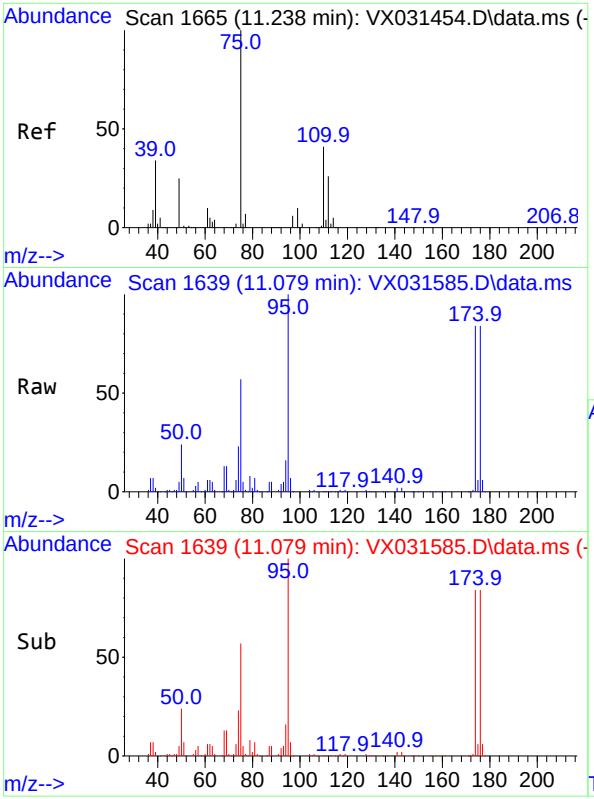


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.171 min Scan# 1654
Delta R.T. -0.042 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 83 Resp: 23

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	117.4	32.6	97.8#



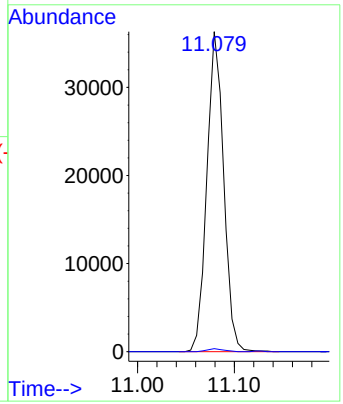


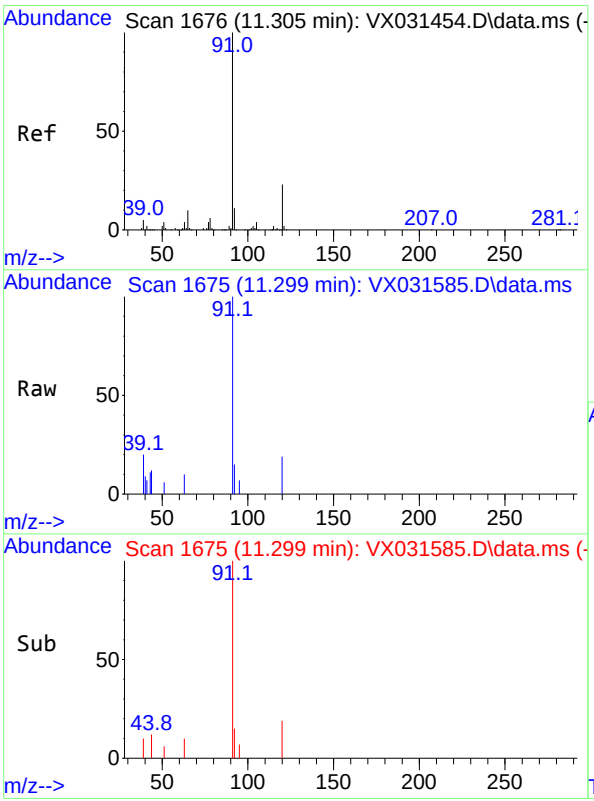
#76
1,2,3-Trichloropropane
Concen: 35.926 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 75 Resp: 43880

Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.3	60.9#

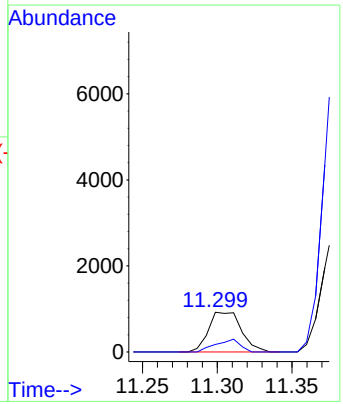


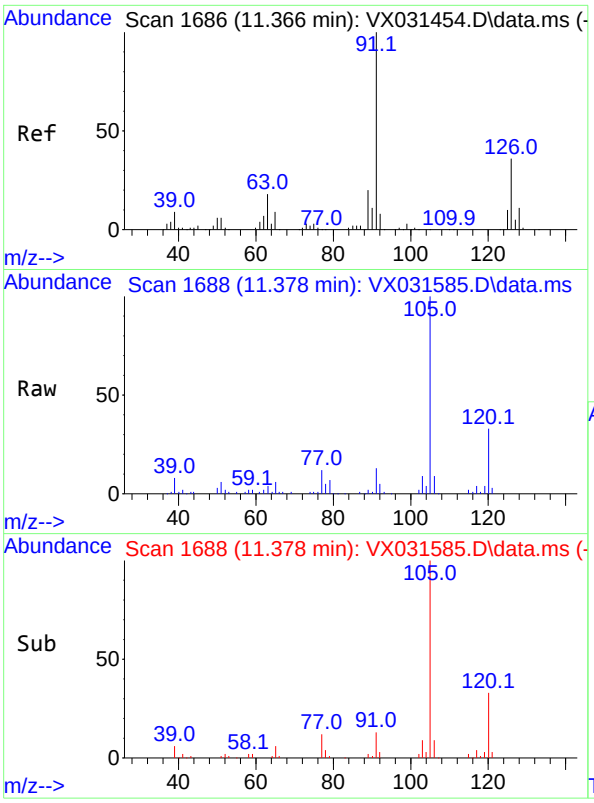


#78
n-propylbenzene
Concen: 0.301 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 91 Resp: 1416

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.8	35.4#



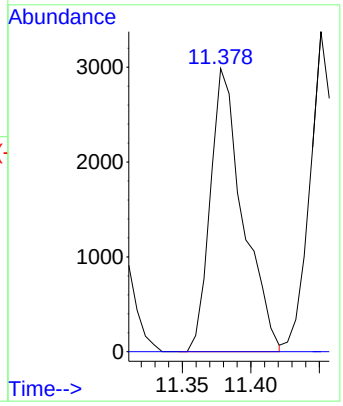


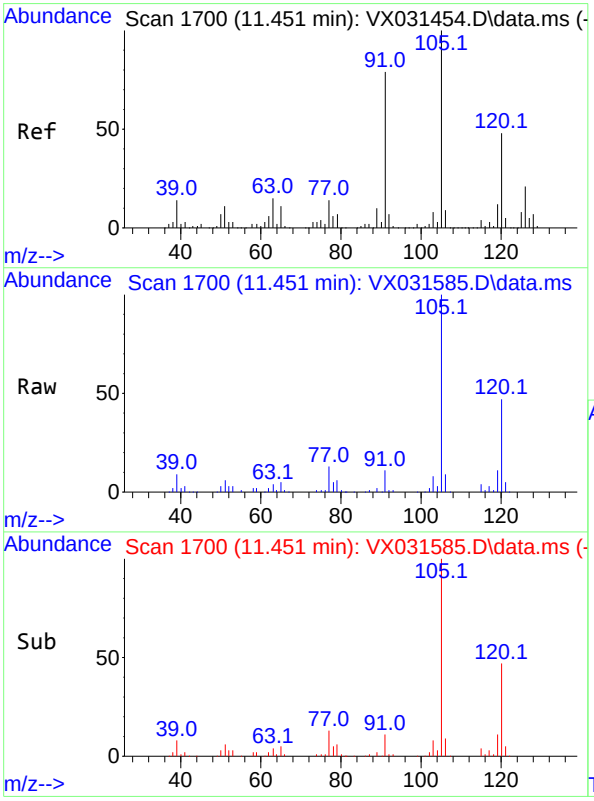
#79
2-Chlorotoluene
Concen: 1.768 ug/l
RT: 11.378 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 91 Resp: 4947

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.3#

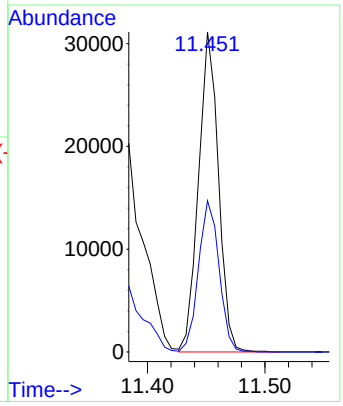


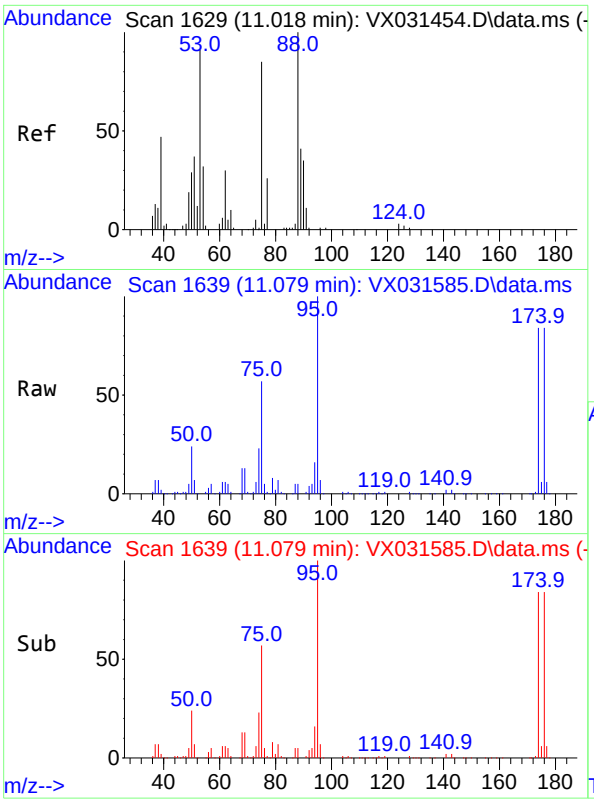


#80
1,3,5-Trimethylbenzene
Concen: 10.580 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:105 Resp: 36693

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.5	73.5



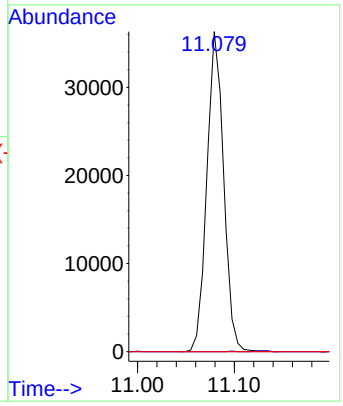


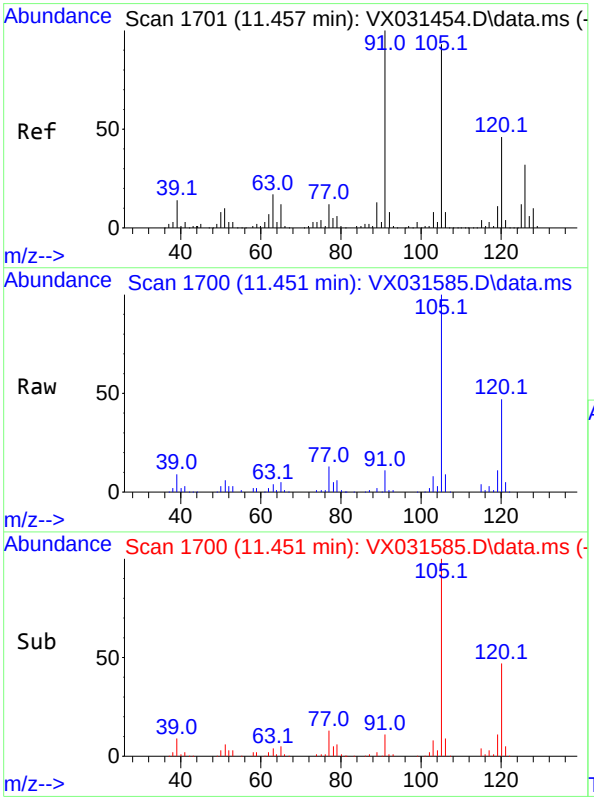
#81
trans-1,4-Dichloro-2-butene
Concen: 115.676 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 75 Resp: 43880

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.6	116.4#
89	0.0	37.4	56.0#

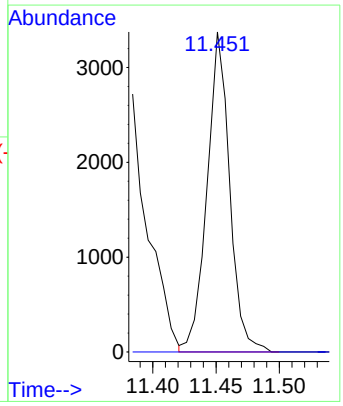


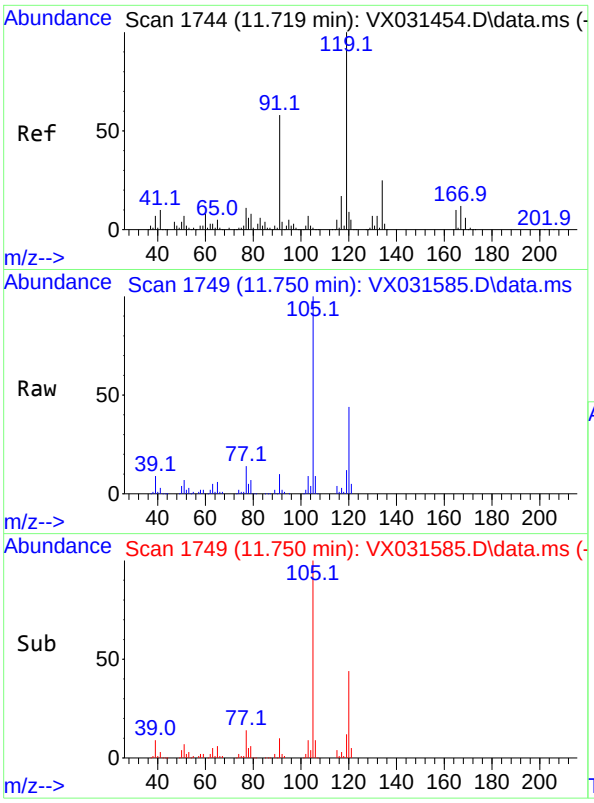


#82
4-Chlorotoluene
Concen: 1.276 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion: 91 Resp: 4191

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.1	45.3#



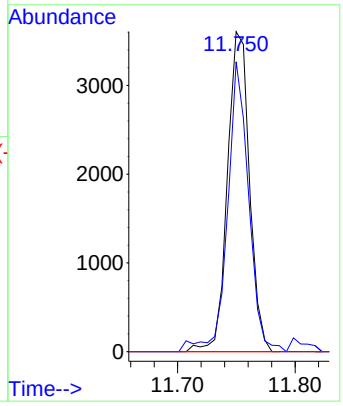


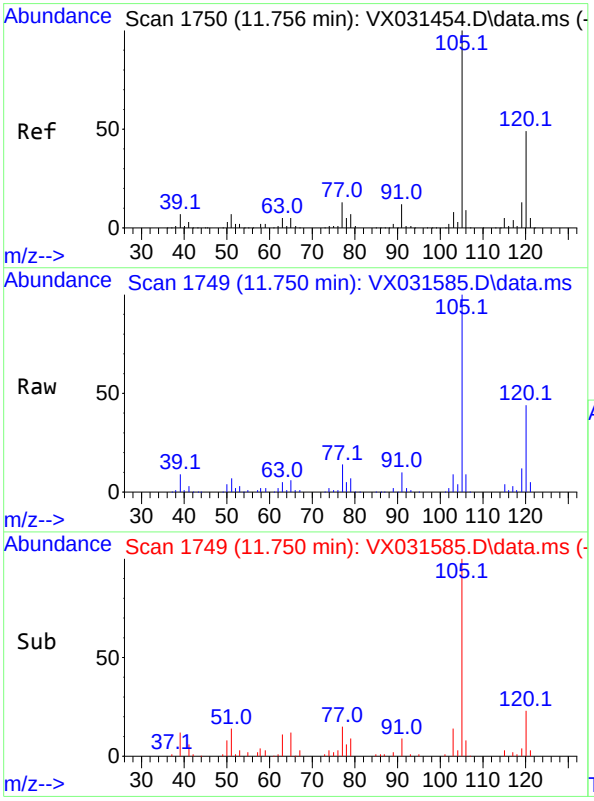
#83
tert-Butylbenzene
Concen: 1.399 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.031 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion:119 Resp: 4701

Ion	Ratio	Lower	Upper
119	100		
91	86.9	29.2	87.6
134	0.0	11.6	34.8#

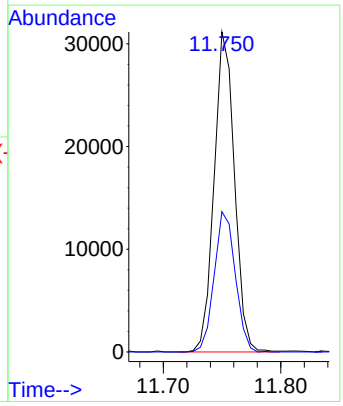


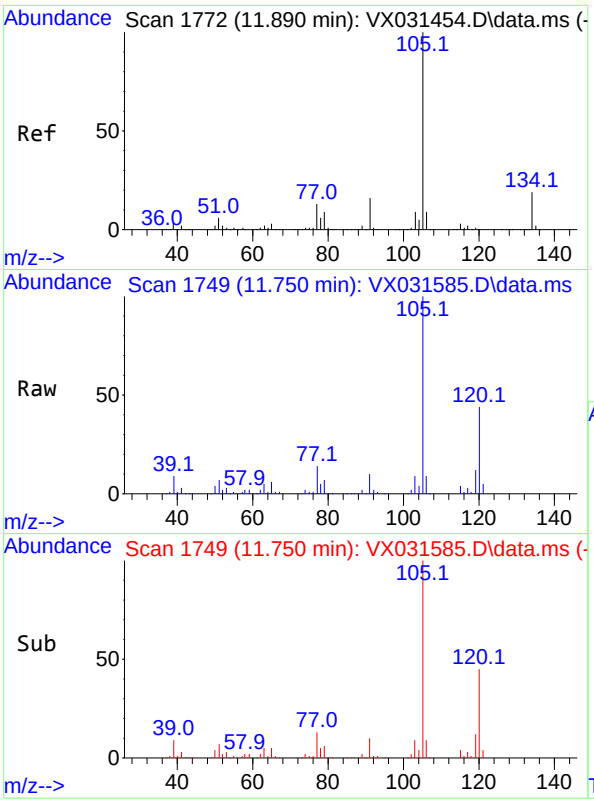


#84
1,2,4-Trimethylbenzene
Concen: 10.978 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:105 Resp: 37497

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8



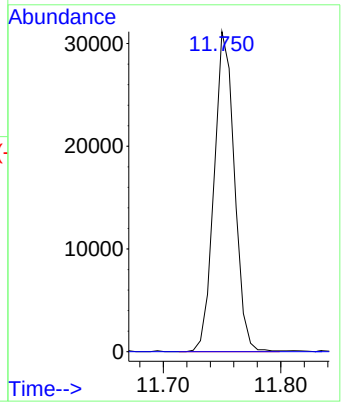


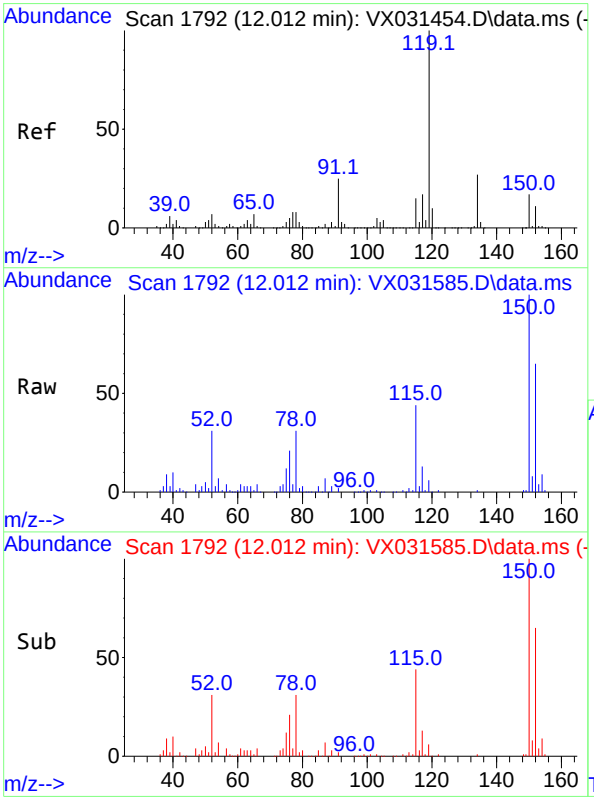
#85
sec-Butylbenzene
Concen: 8.815 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.140 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion:105 Resp: 37497

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.1#

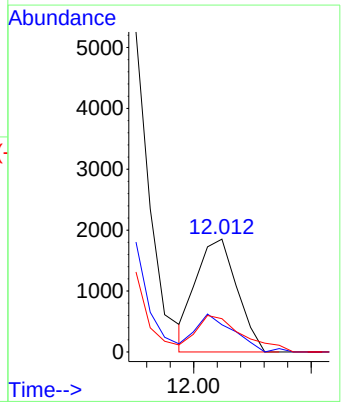


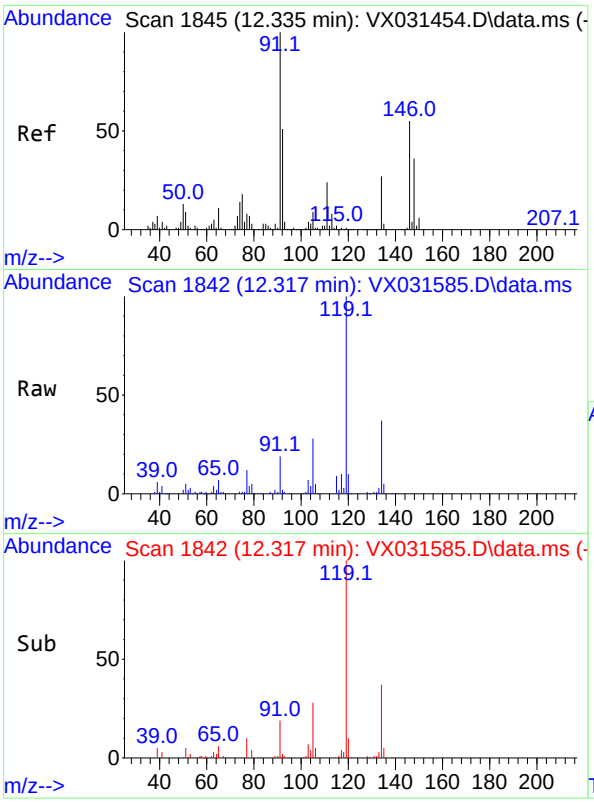


#86
p-Isopropyltoluene
Concen: 0.625 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:119 Resp: 2244

Ion	Ratio	Lower	Upper
119	100		
134	31.6	13.4	40.2
91	36.5	12.4	37.2



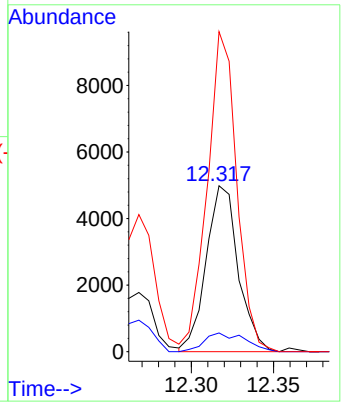


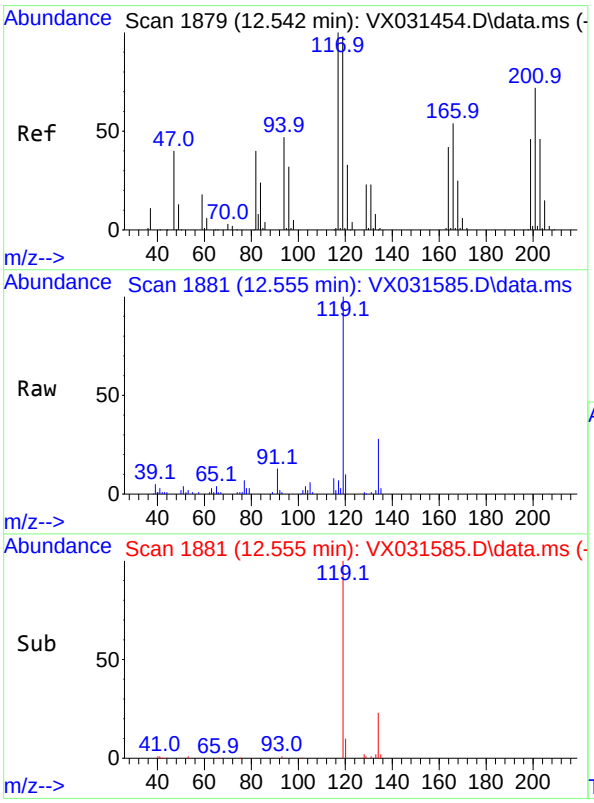
#89
n-Butylbenzene
Concen: 2.209 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Tgt Ion: 91 Resp: 6760

Ion	Ratio	Lower	Upper
91	100		
92	14.4	27.0	81.0#
134	177.4	13.3	39.9#

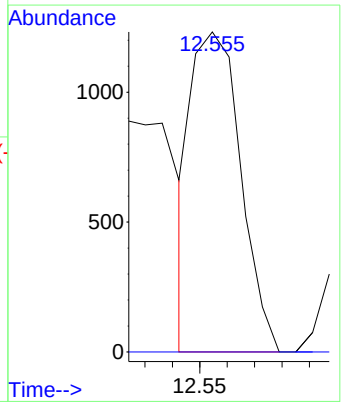


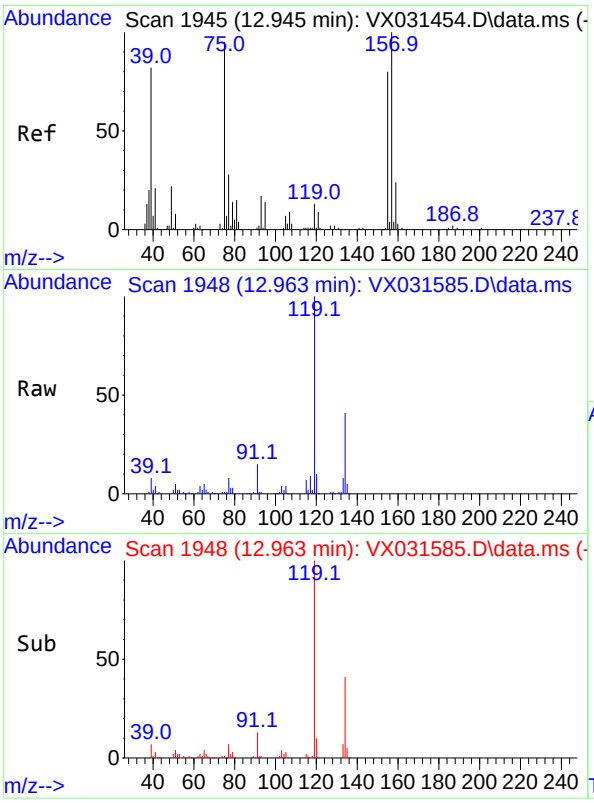


#90
Hexachloroethane
Concen: 2.497 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.013 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:117 Resp: 1541

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.8	104.4#



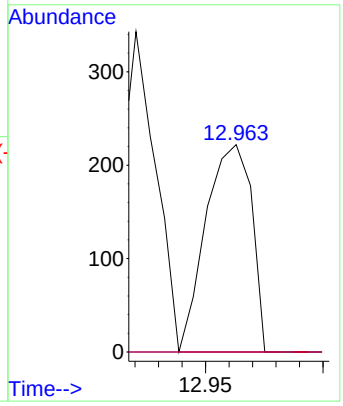


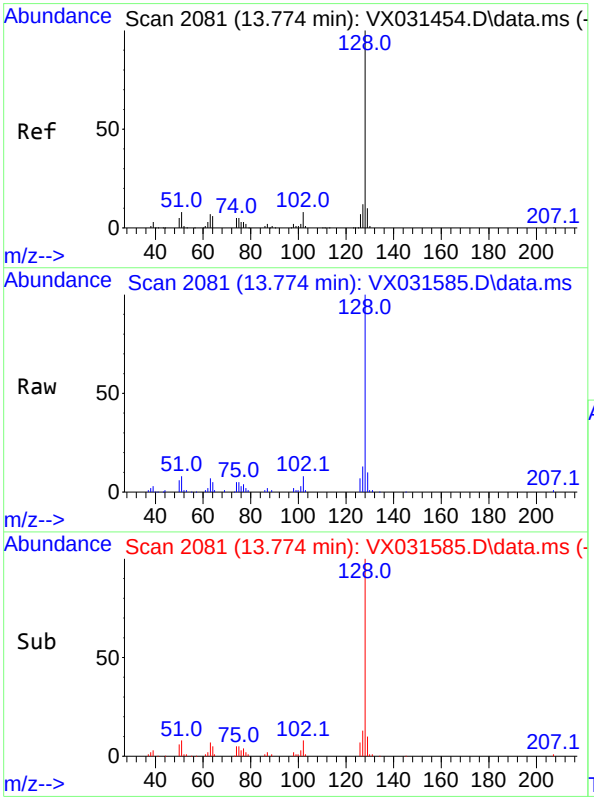
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.072 ug/l
RT: 12.963 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

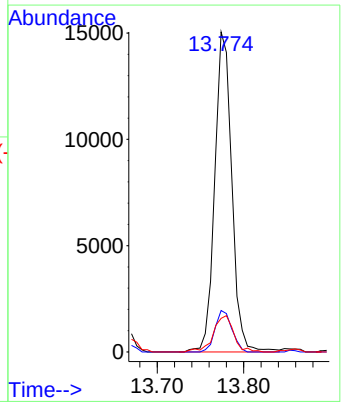
Tgt Ion: 75 Resp: 301

Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.3	120.8#
157	0.0	51.5	154.5#





#95
Naphthalene
Concen: 5.251 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031585.D
Acq: 22 Sep 2022 21:01

Tgt Ion:128 Resp: 20599

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	13.5	8.8	13.2#