Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031525.D
Acq On : 21 Sep 2022 15:29
Operator : JC/MD
Sample : N4614-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 22 01:13:46 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	5.556	168	94678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97362	56.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.200%			
35) Dibromofluoromethane	5.391	113	81650	51.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.653	98	309559	50.425	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	96793	46.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.100%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	675	0.230	ug/l #	65
6) Chloroethane	1.666	64	277	Below Cal	#	43
11) Tert butyl alcohol	2.977	59	16733	15.547	ug/l #	92
13) Acrolein	2.215	56	197	Below Cal	#	1
15) Acrylonitrile	3.111	53	1581	1.730	ug/l #	31
16) Acetone	2.392	43	2927	Below Cal	#	86
19) Methyl tert-butyl Ether	3.117	73	132349	24.831	ug/l	97
20) Methylene Chloride	2.794	84	207	Below Cal	#	64
22) Diisopropyl ether	3.757	45	1270	0.244	ug/l #	91
23) Vinyl Acetate	3.763	43	1540	0.346	ug/l #	71
25) 2-Butanone	4.587	43	876	0.653	ug/l #	49
29) Tetrahydrofuran	5.025	42	1140	1.304	ug/l #	86
36) 1,1-Dichloropropene	5.550	75	7423	3.031	ug/l #	51
37) Ethyl Acetate	4.587	43	876	0.300	ug/l #	68
38) Carbon Tetrachloride	5.556	117	9646	3.553	ug/l #	16
43) Isopropyl Acetate	6.245	43	14449	3.217	ug/l #	62
59) 2-Hexanone	9.567	43	1184	0.546	ug/l	78
68) m/p-Xylenes	10.305	106	804	0.269	ug/l	83
73) Isopropylbenzene	10.963	105	1017	0.224	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.183	83	124	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.079	75	55817	41.216	ug/l #	37
78) n-propylbenzene	11.305	91	2156	0.414	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	55817	132.711	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.756	105	3023	0.798	ug/l	95
86) p-Isopropyltoluene	12.183	119	951	0.239	ug/l	89
89) n-Butylbenzene	12.323	91	839	0.247	ug/l #	32
90) Hexachloroethane	12.616	117	185	0.270	ug/l #	15
95) Naphthalene	13.780	128	7364	1.693	ug/l #	93

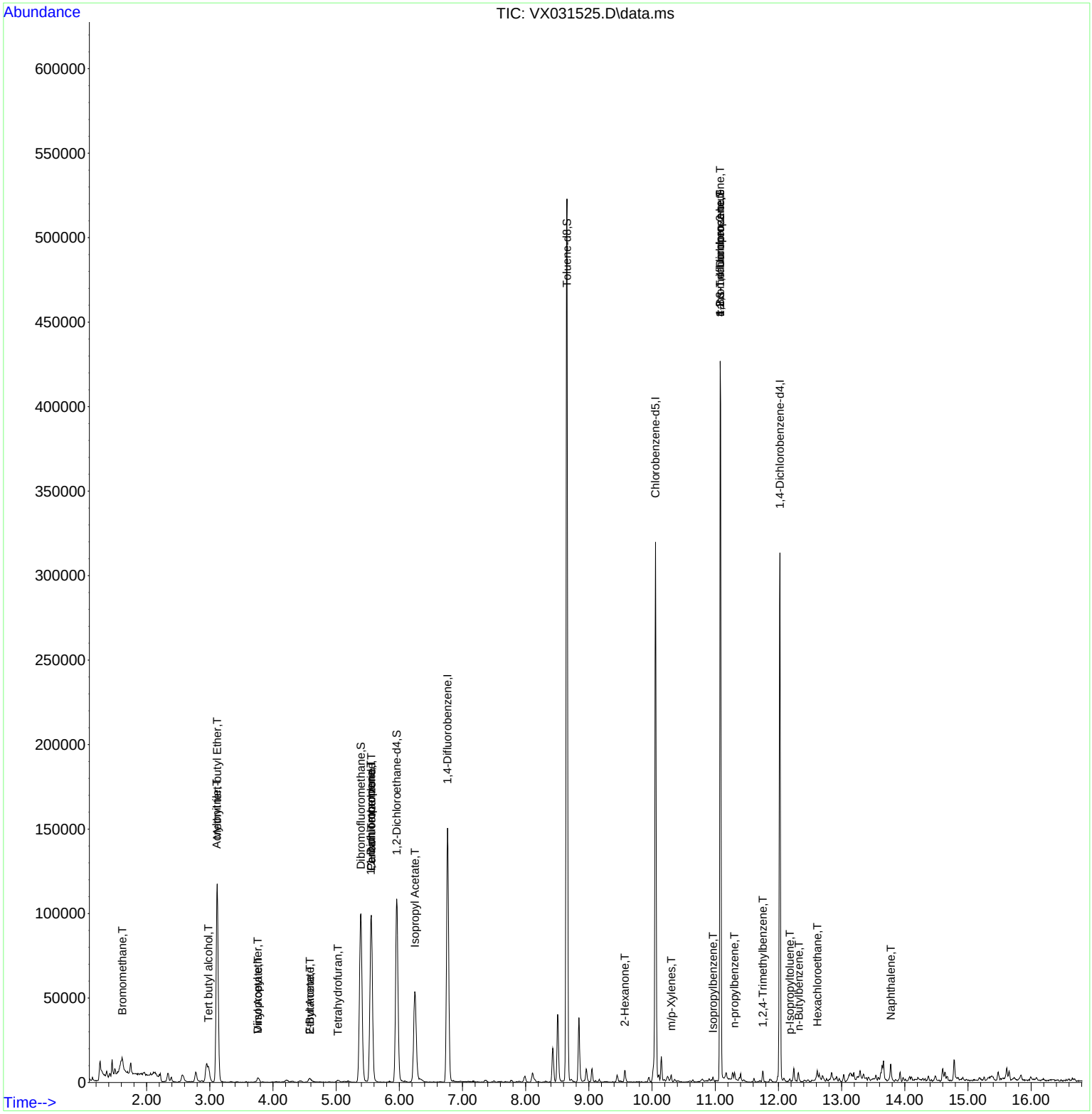
(#) = qualifier out of range (m) = manual integration (+) = signals summed

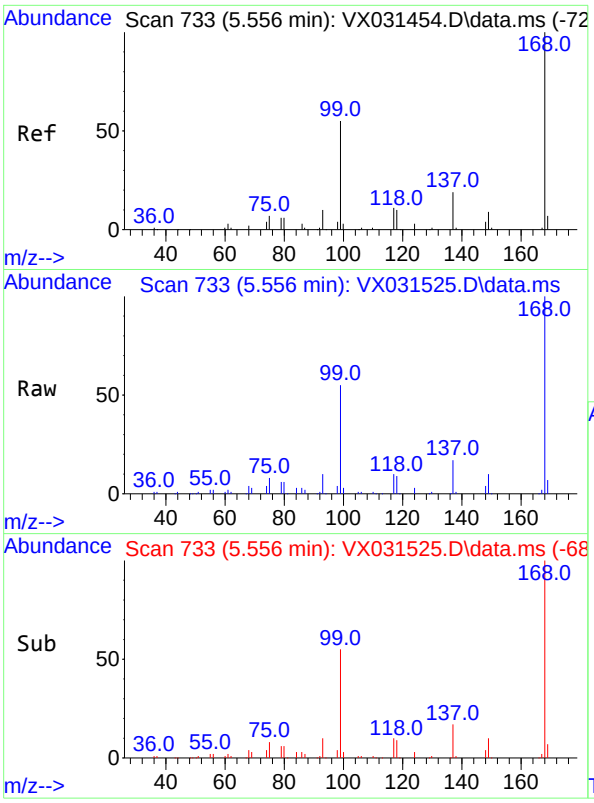
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031525.D
Acq On : 21 Sep 2022 15:29
Operator : JC/MD
Sample : N4614-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 22 01:13:46 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



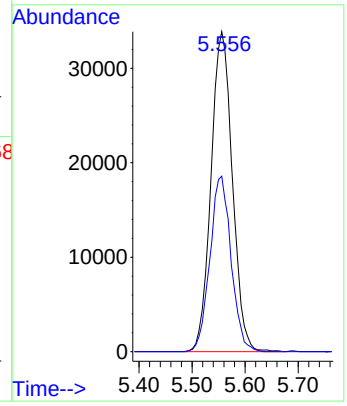


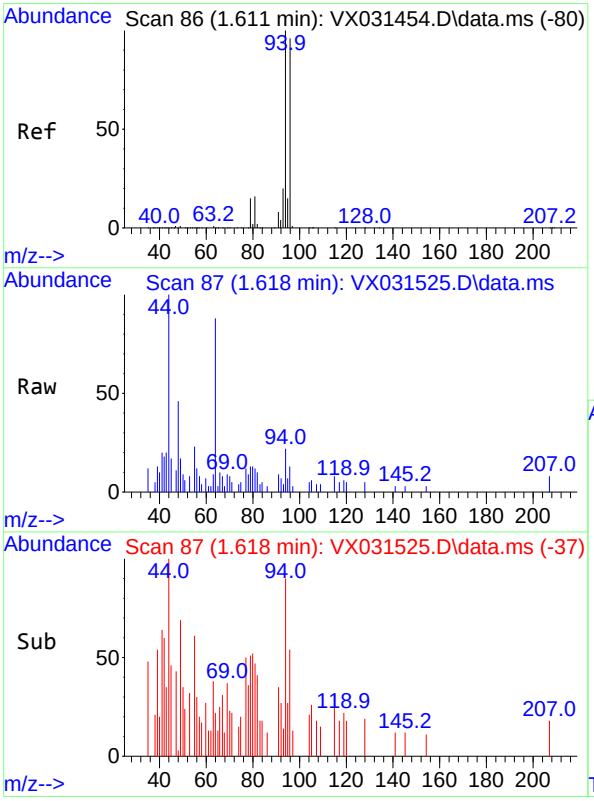
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 94678

Ion	Ratio	Lower	Upper
168	100		
99	54.8	48.8	73.2

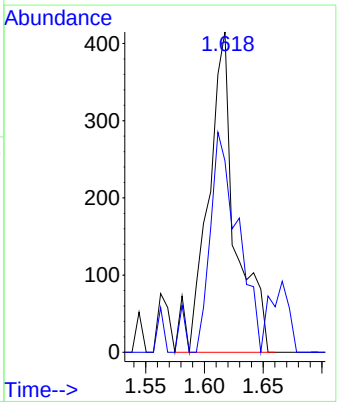


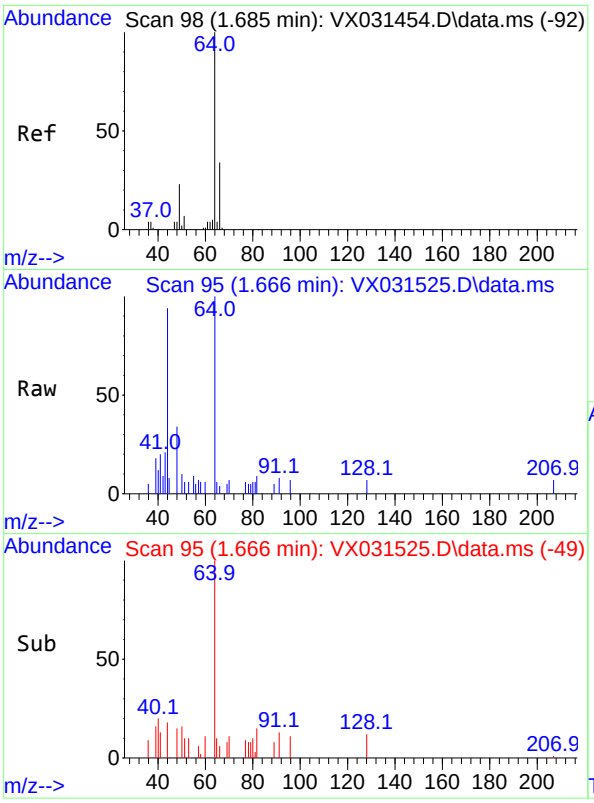


#5
Bromomethane
Concen: 0.230 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 94 Resp: 675

Ion	Ratio	Lower	Upper
94	100		
96	59.8	74.4	111.6#



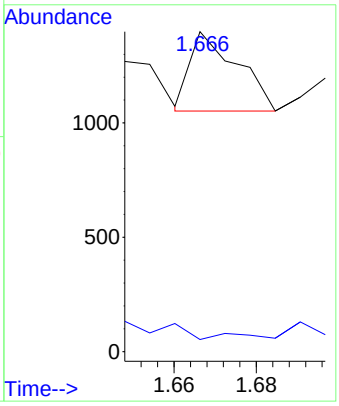


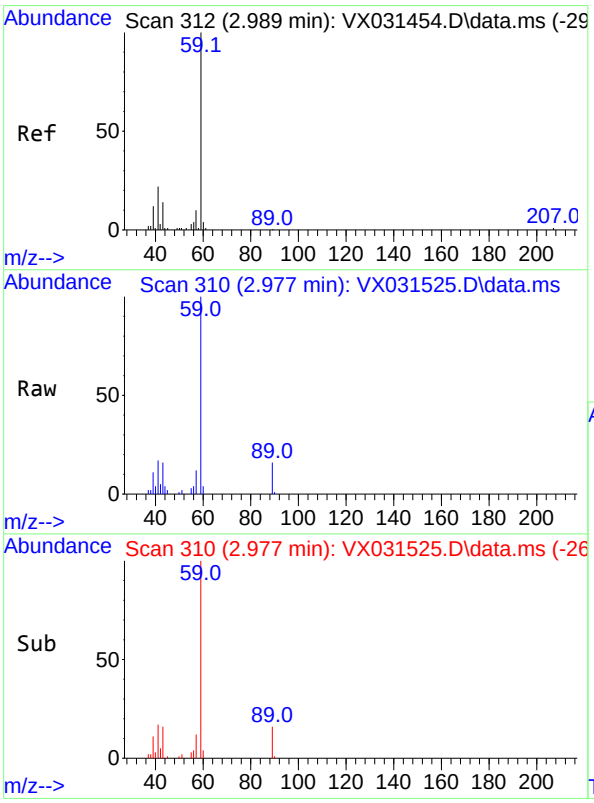
#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 9
Delta R.T. -0.019 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 277

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#

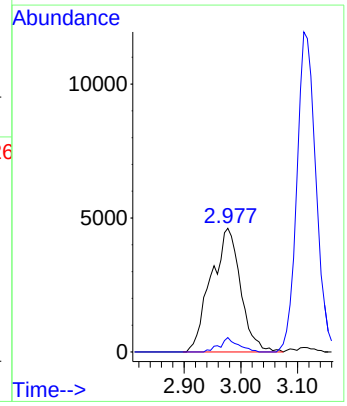


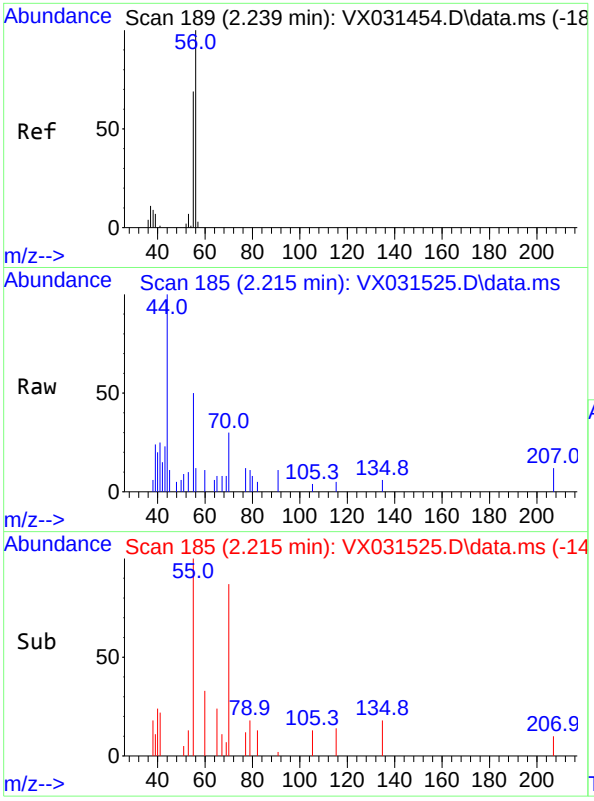


#11
Tert butyl alcohol
Concen: 15.547 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 59 Resp: 16733

Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.2	12.2#



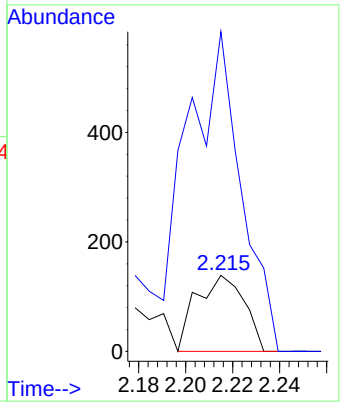


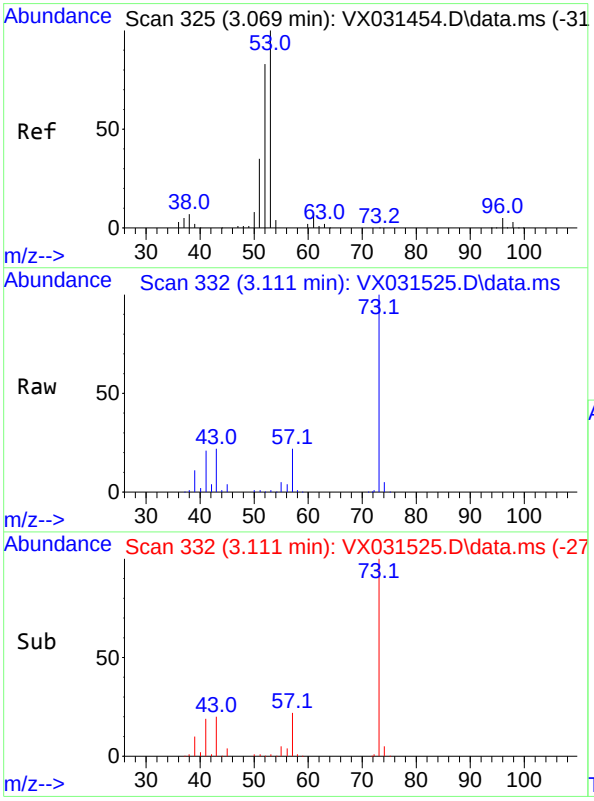
#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 197

Ion	Ratio	Lower	Upper
56	100		
55	465.0	56.0	84.0#

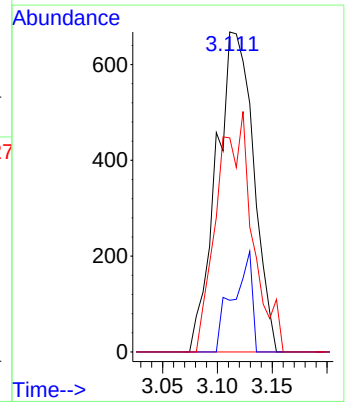


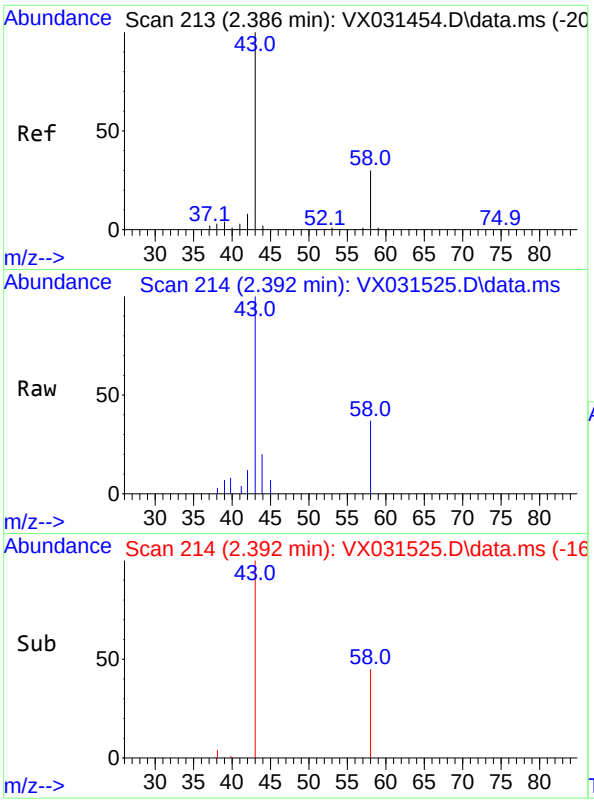


#15
Acrylonitrile
Concen: 1.730 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.042 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 53 Resp: 1581

Ion	Ratio	Lower	Upper
53	100		
52	16.1	66.9	100.3#
51	71.3	30.0	45.0#



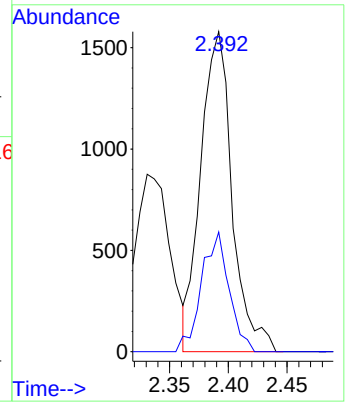


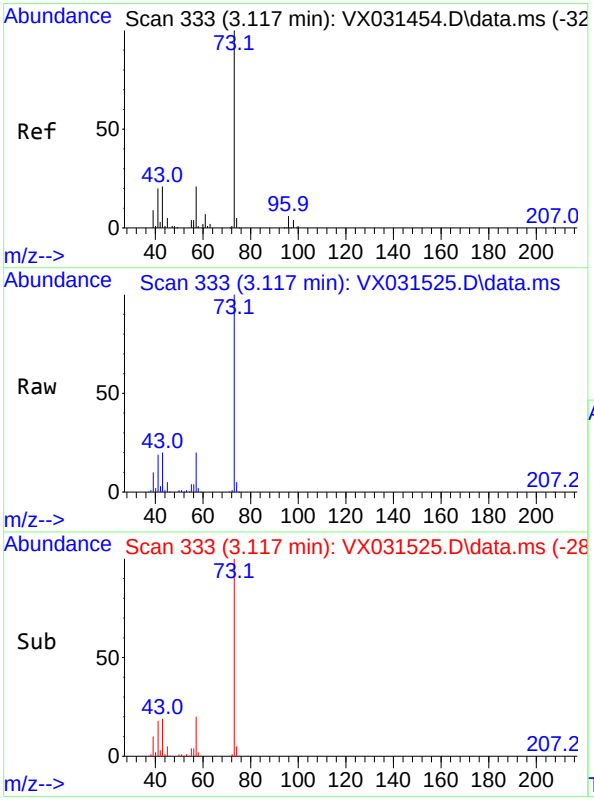
#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2927

Ion	Ratio	Lower	Upper
43	100		
58	37.4	23.8	35.8#

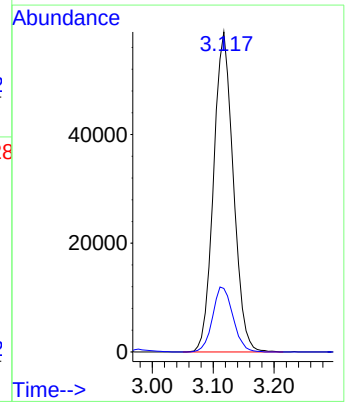


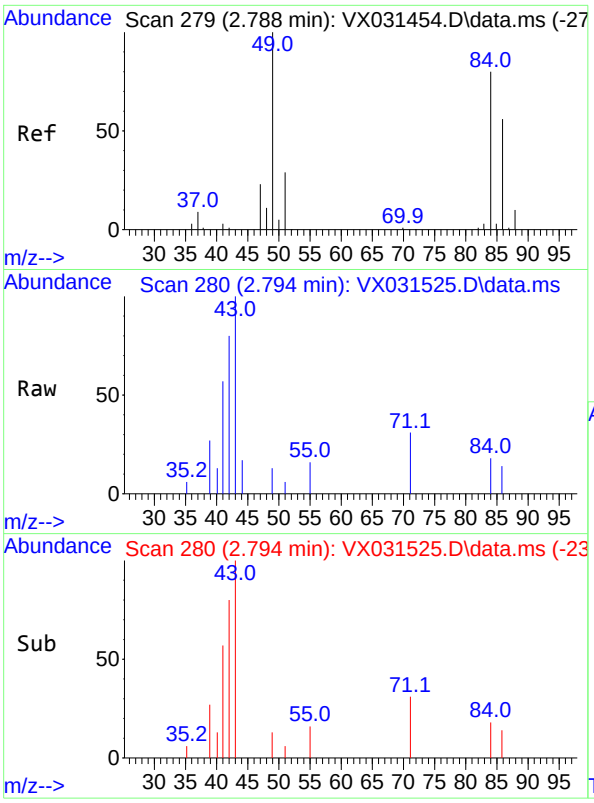


#19
Methyl tert-butyl Ether
Concen: 24.831 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 73 Resp: 132349

Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.2	25.8



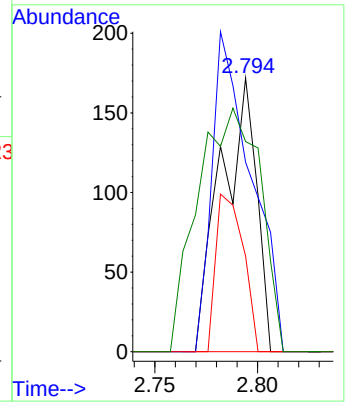


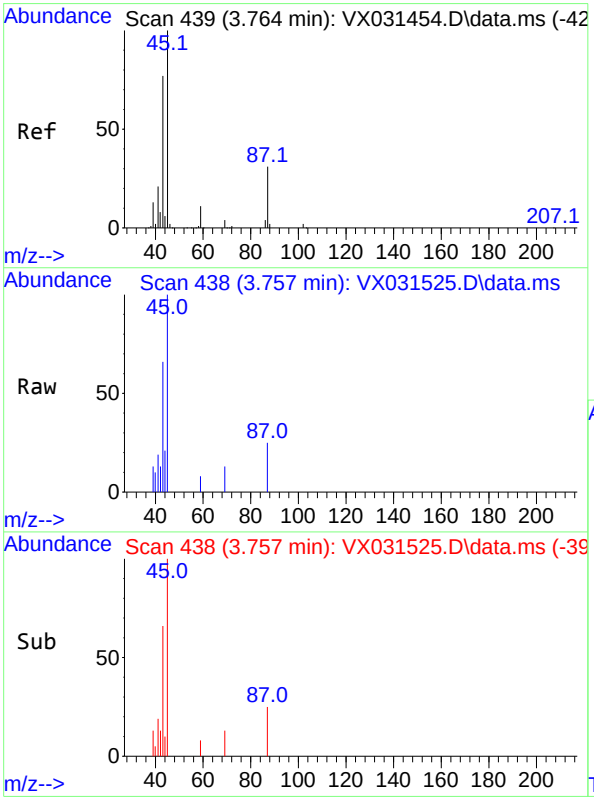
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 207

Ion	Ratio	Lower	Upper
84	100		
49	69.2	105.9	158.9#
51	34.9	32.2	48.2
86	76.7	50.8	76.2#

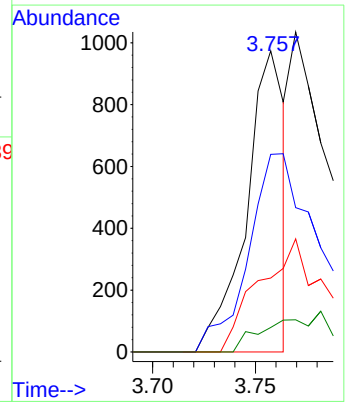


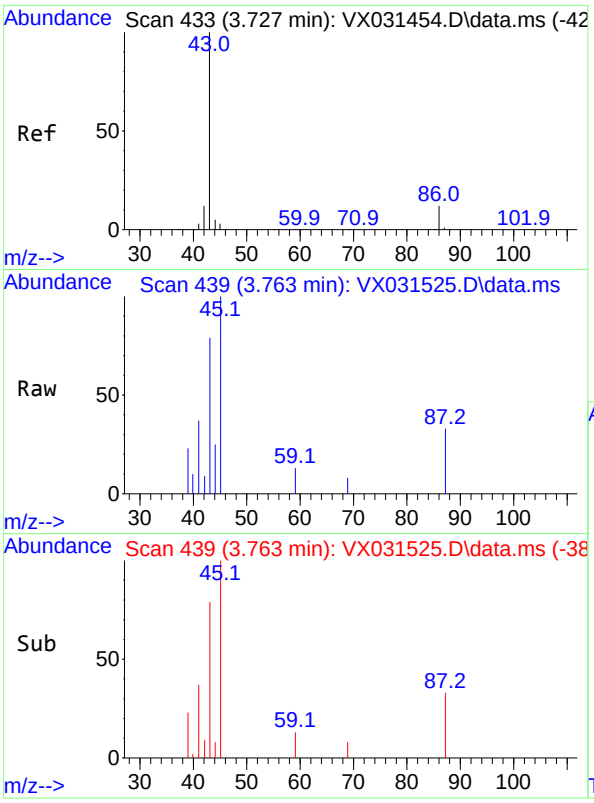


#22
Diisopropyl ether
Concen: 0.244 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 45 Resp: 1270

Ion	Ratio	Lower	Upper
45	100		
43	65.6	59.0	88.6
87	24.5	22.6	33.8
59	8.1	8.8	13.2#



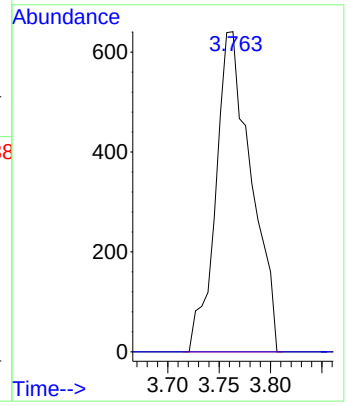


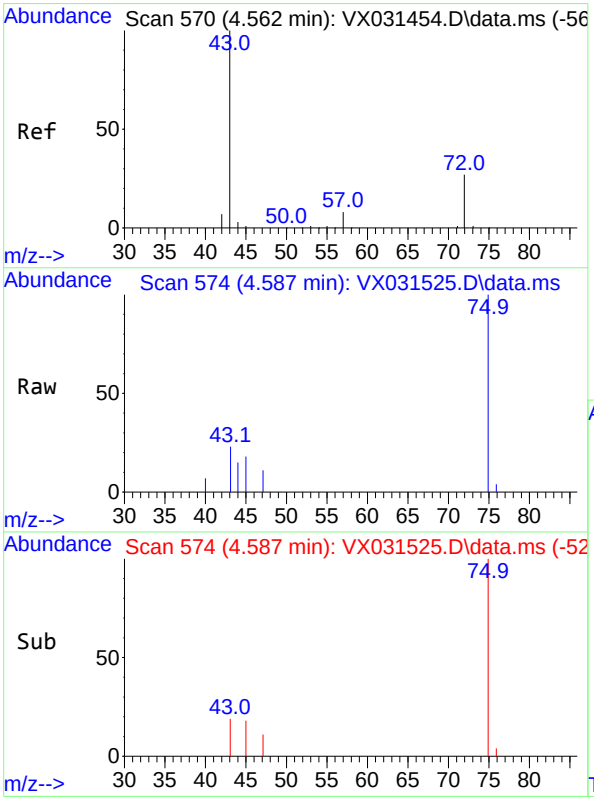
#23
Vinyl Acetate
Concen: 0.346 ug/l
RT: 3.763 min Scan# 4
Delta R.T. 0.036 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1540

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#

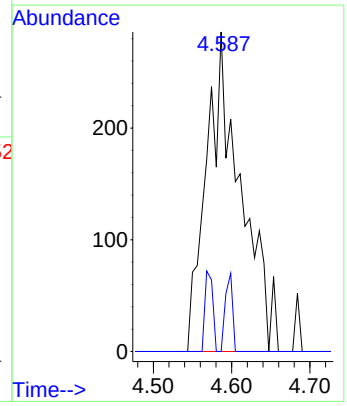


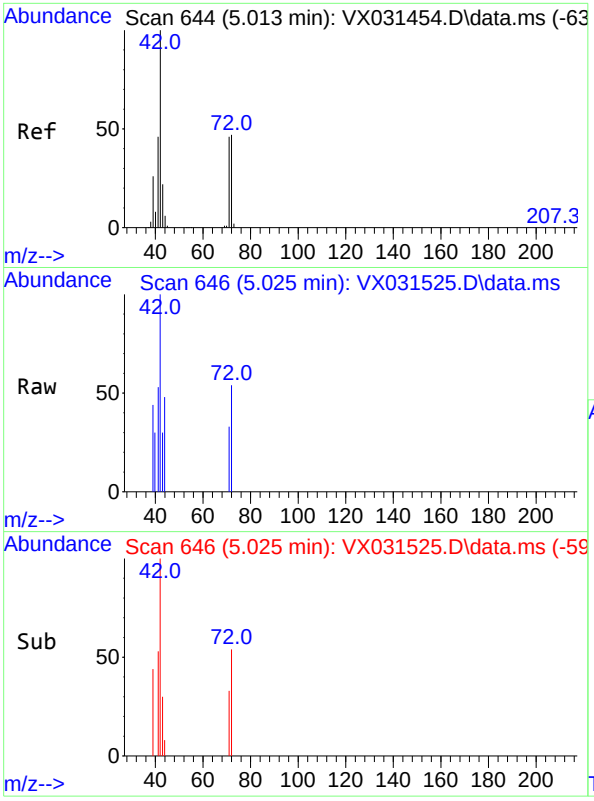


#25
2-Butanone
Concen: 0.653 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 43 Resp: 876

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



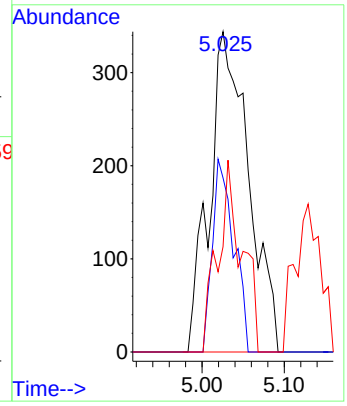


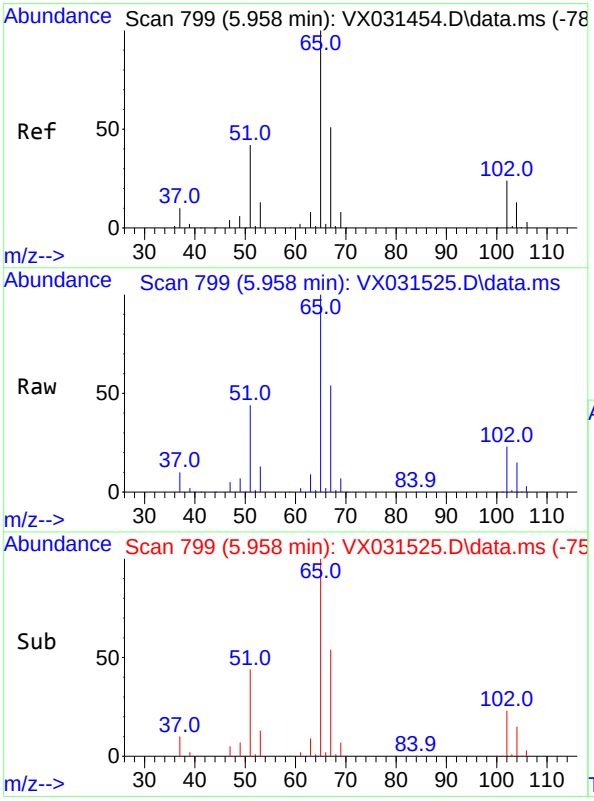
#29
Tetrahydrofuran
Concen: 1.304 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1140

Ion	Ratio	Lower	Upper
42	100		
72	32.8	36.4	54.6#
71	36.5	33.5	50.3

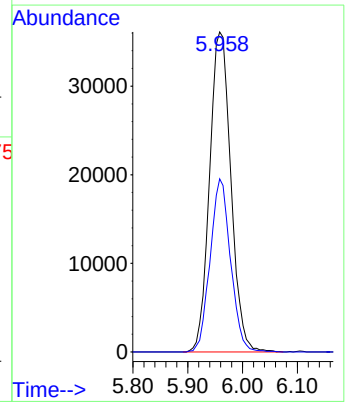


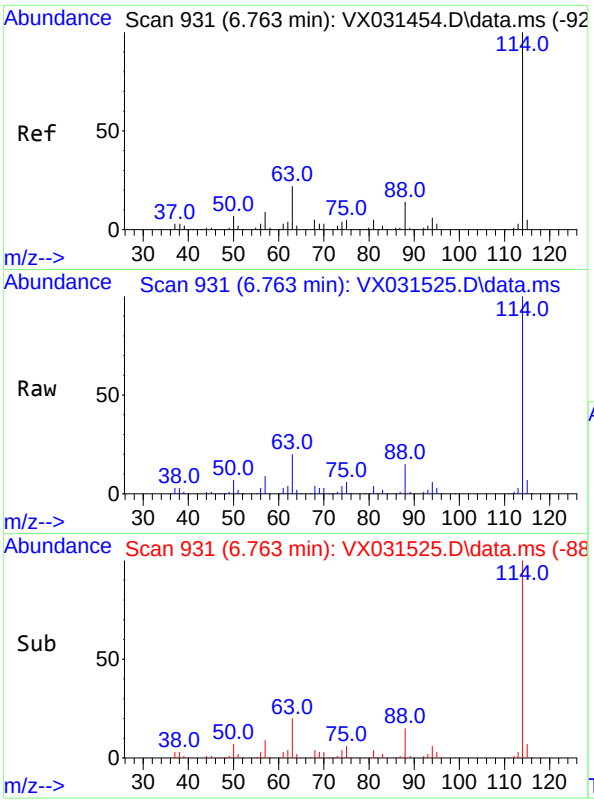


#33
1,2-Dichloroethane-d4
Concen: 56.100 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 65 Resp: 97362

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.4



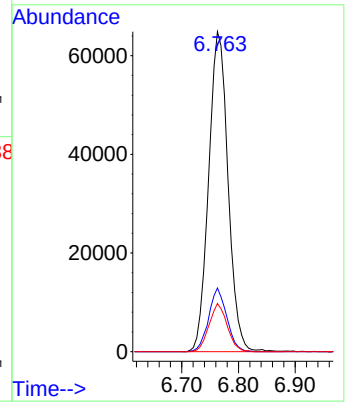


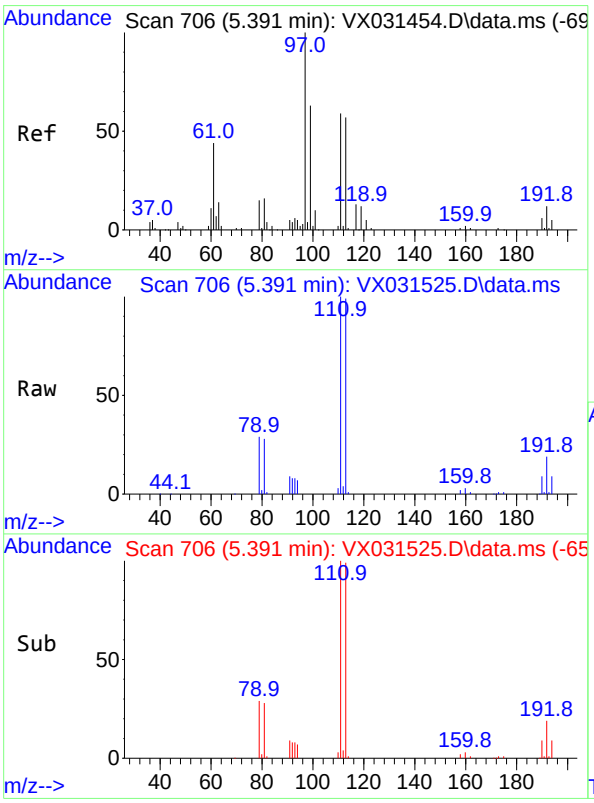
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 154086

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	15.0	0.0	33.0

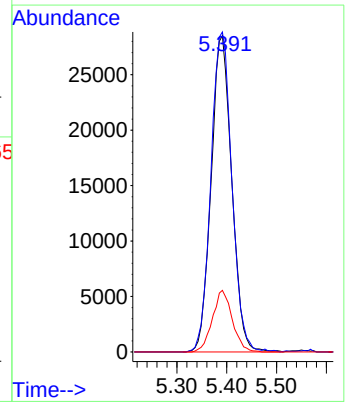


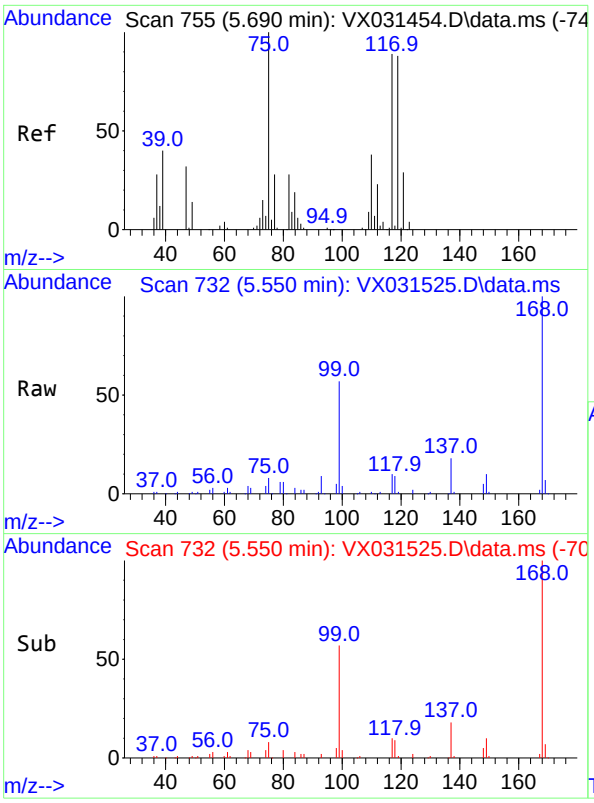


#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion:113 Resp: 81650

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	18.8	14.1	21.1



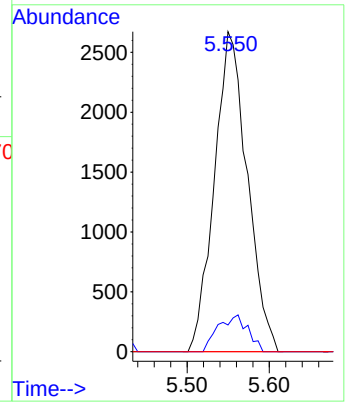


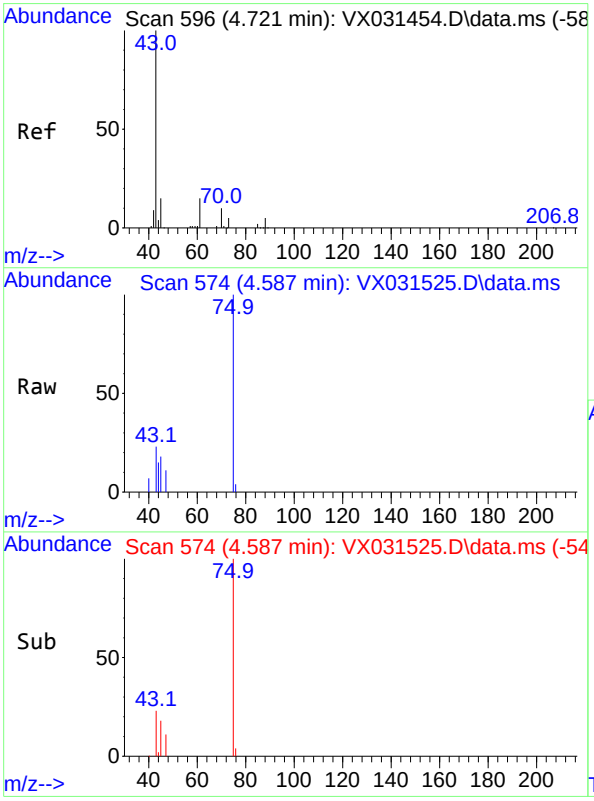
#36
1,1-Dichloropropene
Concen: 3.031 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 7423

Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.5	52.5#
77	0.0	24.9	37.3#

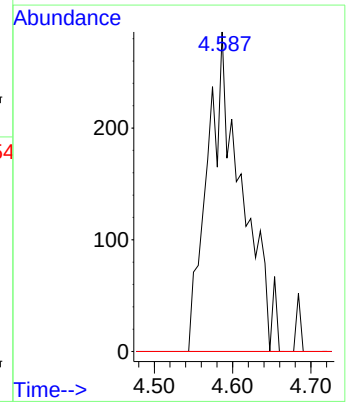


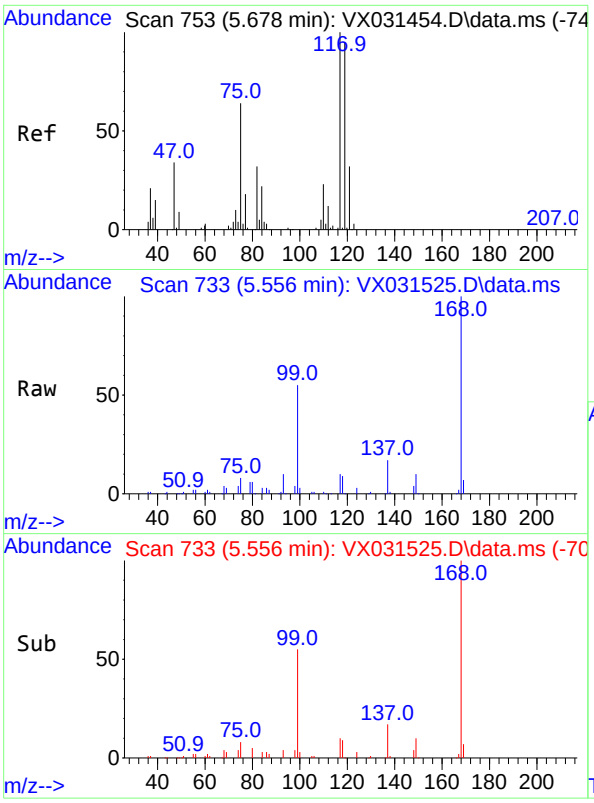


#37
Ethyl Acetate
Concen: 0.300 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.135 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 43 Resp: 876

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



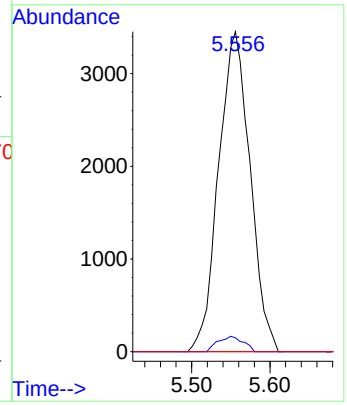


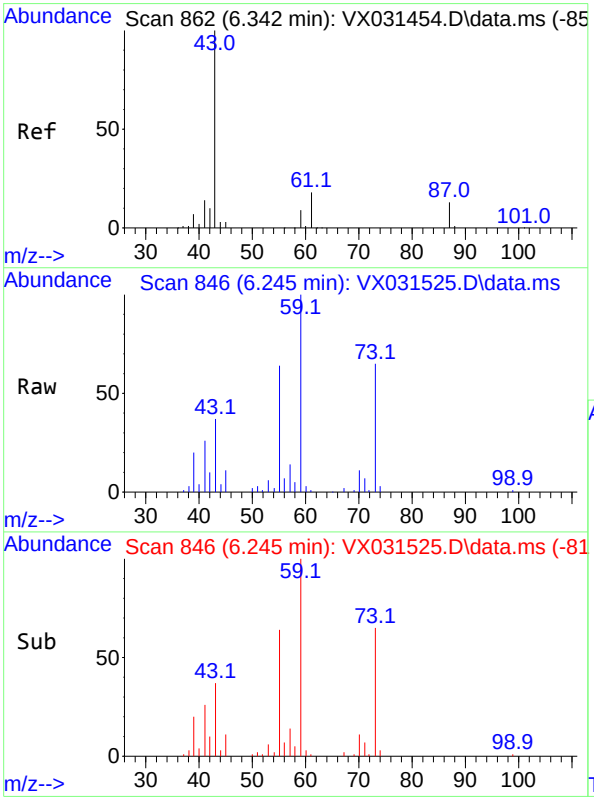
#38
Carbon Tetrachloride
Concen: 3.553 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 9646

Ion	Ratio	Lower	Upper
117	100		
119	4.3	74.6	112.0#
121	0.0	25.3	37.9#

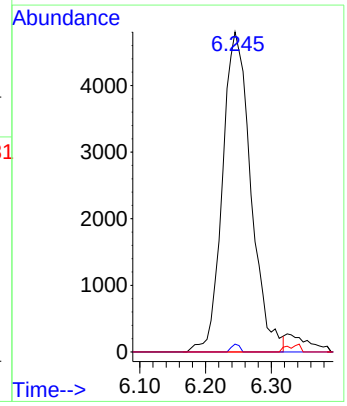


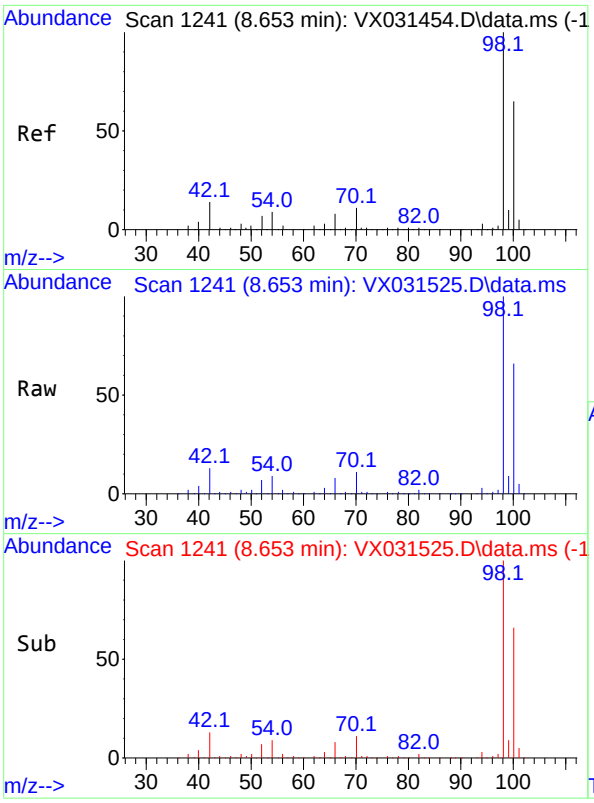


#43
Isopropyl Acetate
Concen: 3.217 ug/l
RT: 6.245 min Scan# 846
Delta R.T. -0.097 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 43 Resp: 14449

Ion	Ratio	Lower	Upper
43	100		
61	0.7	15.3	22.9#
87	0.0	10.6	15.8#



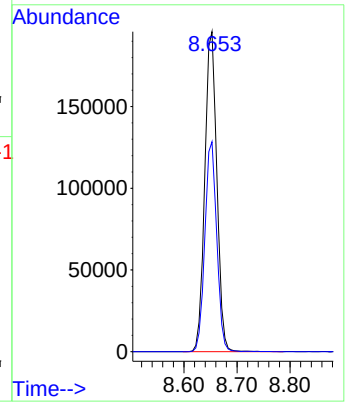


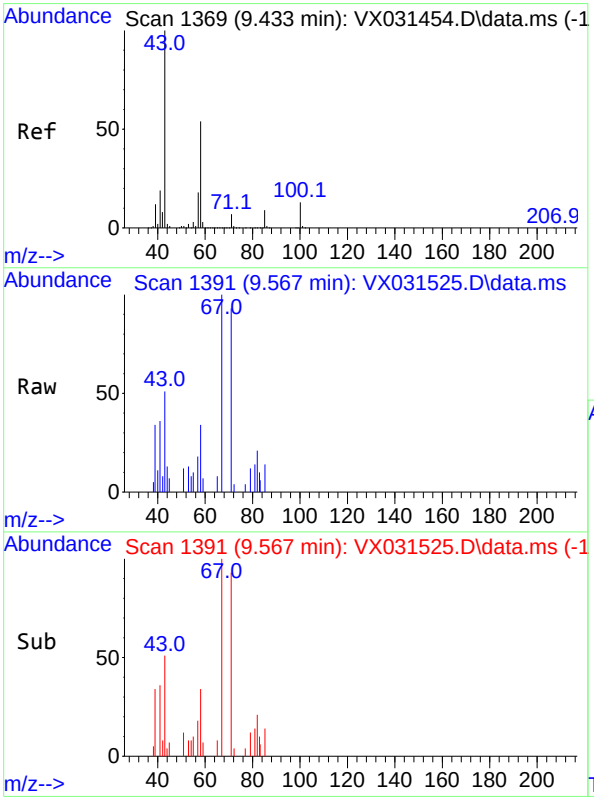
#50
Toluene-d8
Concen: 50.425 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 309559

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.5	78.7

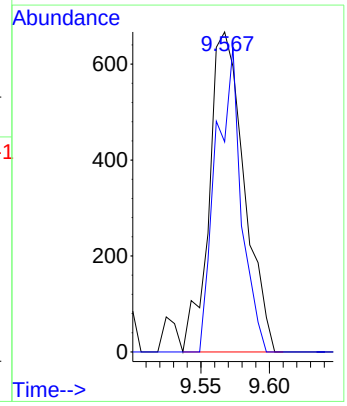


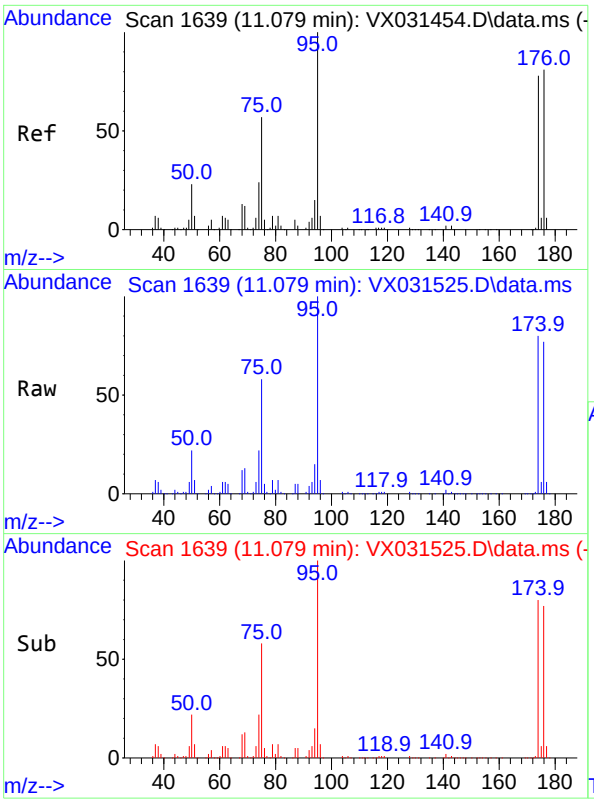


#59
2-Hexanone
Concen: 0.546 ug/l
RT: 9.567 min Scan# 1391
Delta R.T. 0.134 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 43 Resp: 1184

Ion	Ratio	Lower	Upper
43	100		
58	69.0	26.7	80.0



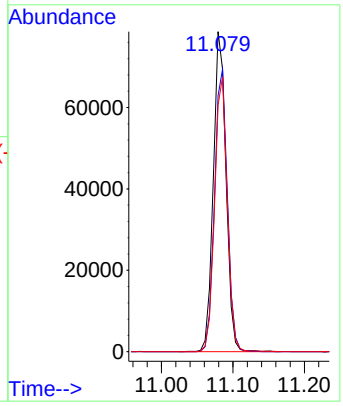


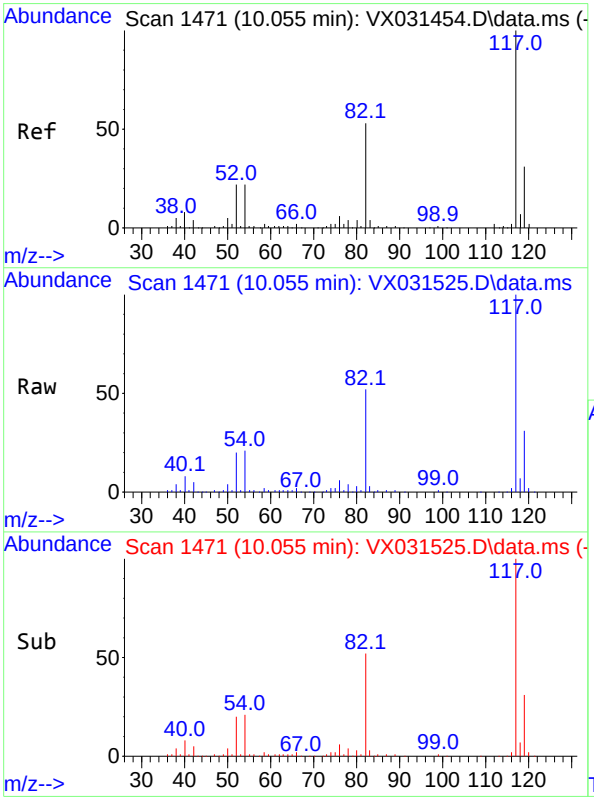
#62
4-Bromofluorobenzene
Concen: 46.548 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 96793

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	153.2
176	86.0	0.0	144.0

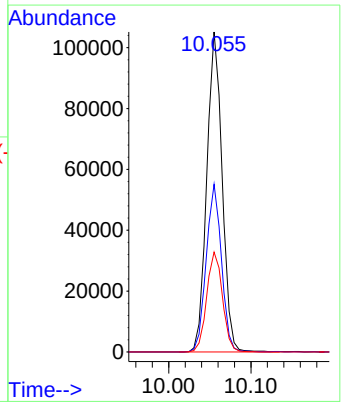


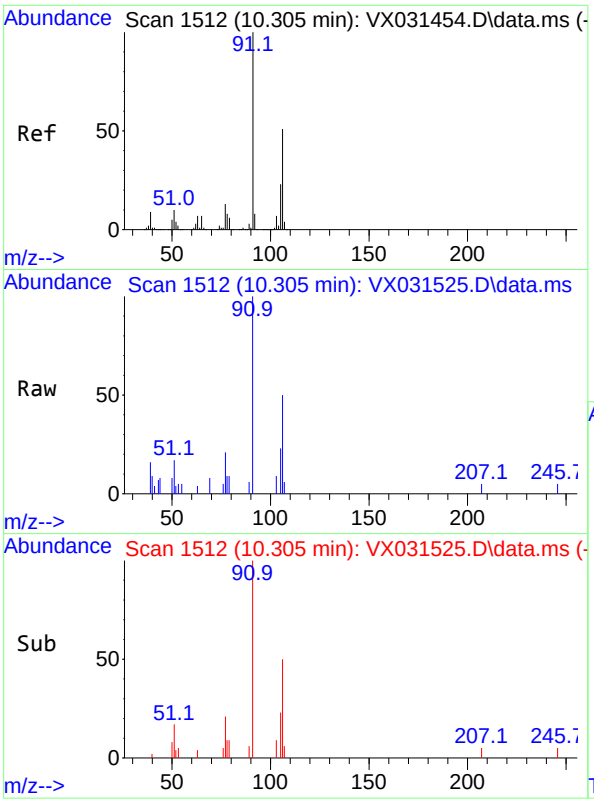


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion:117 Resp: 136455

Ion	Ratio	Lower	Upper
117	100		
82	52.4	46.8	70.2
119	31.2	26.4	39.6



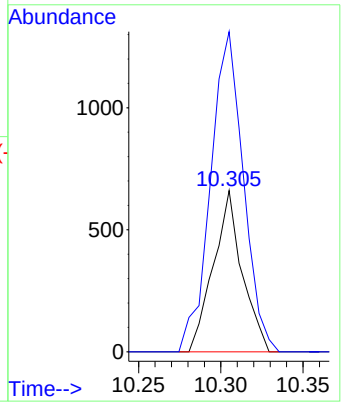


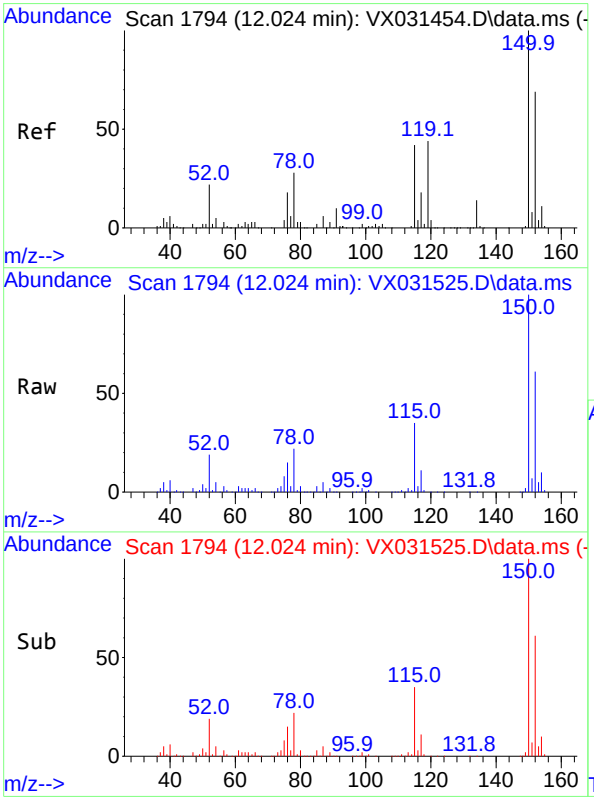
#68
m/p-Xylenes
Concen: 0.269 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 804

Ion	Ratio	Lower	Upper
106	100		
91	226.6	161.0	241.4

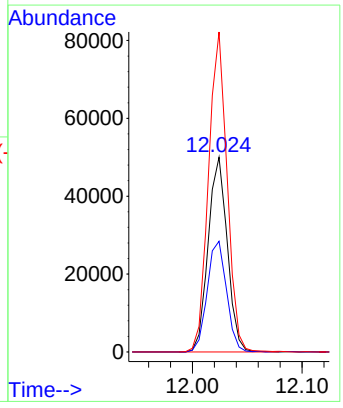


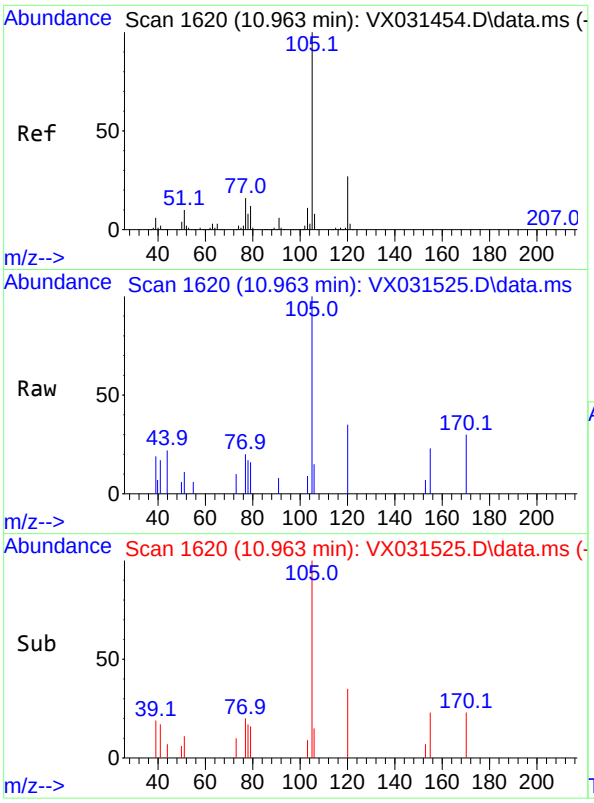


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion:152 Resp: 60677

Ion	Ratio	Lower	Upper
152	100		
115	57.5	43.4	130.1
150	159.5	0.0	346.8



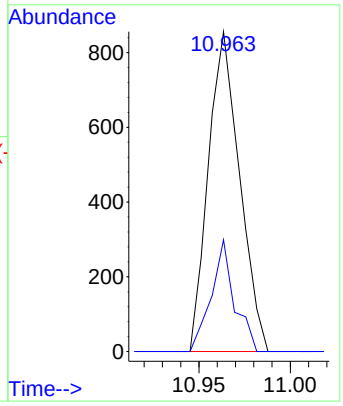


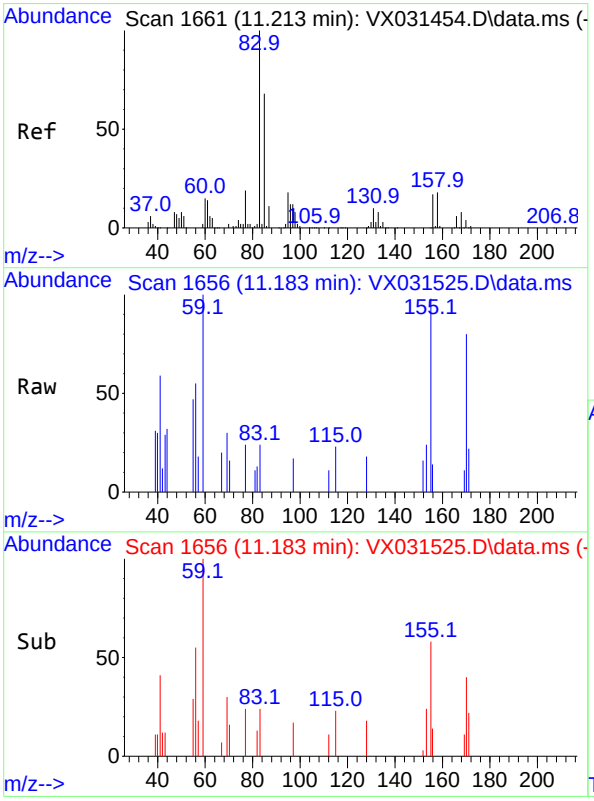
#73
Isopropylbenzene
Concen: 0.224 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1017

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.7	41.0

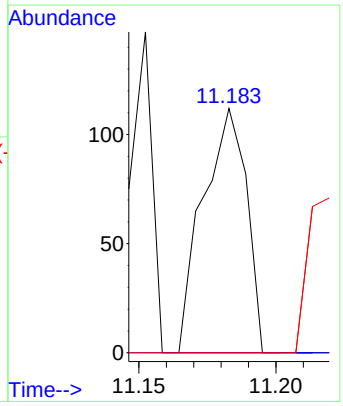


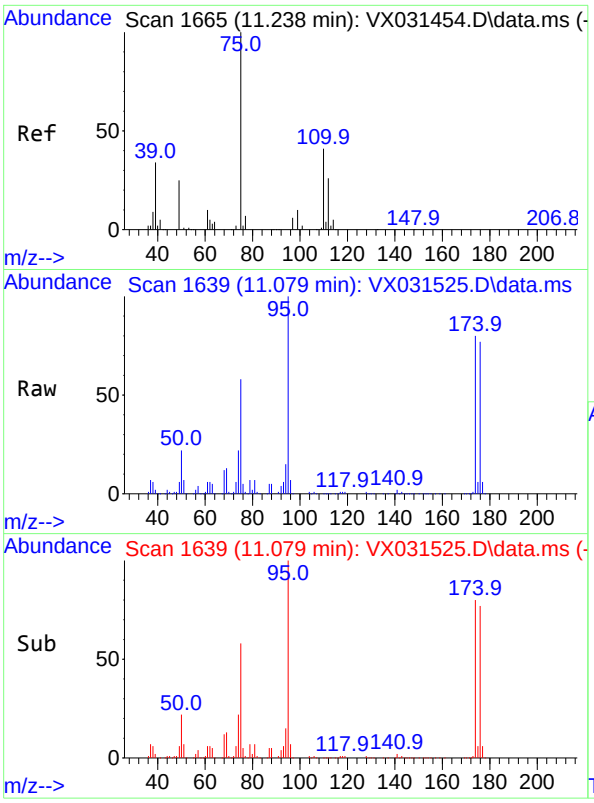


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.183 min Scan# 1656
Delta R.T. -0.030 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 83 Resp: 124

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



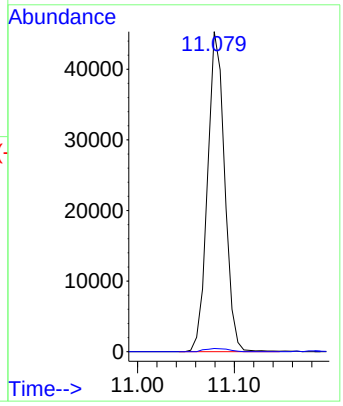


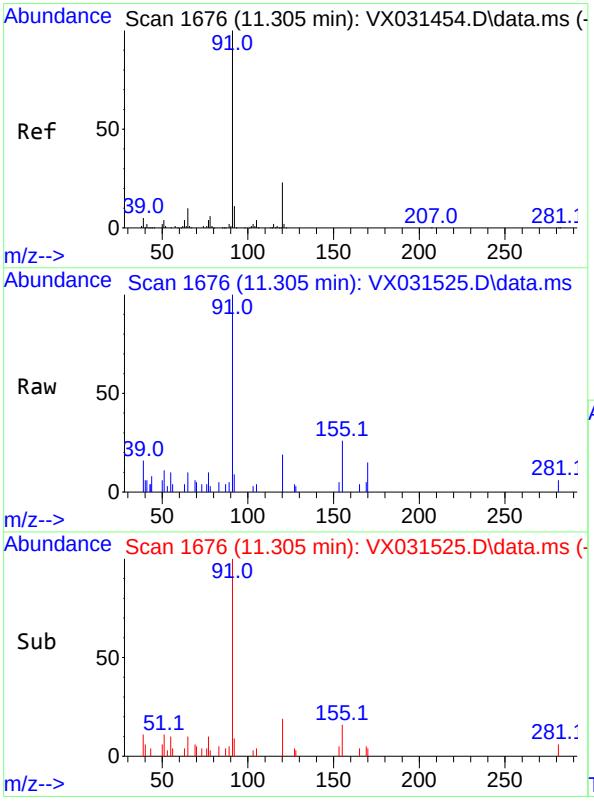
#76
1,2,3-Trichloropropane
Concen: 41.216 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 55817

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.3	60.9#

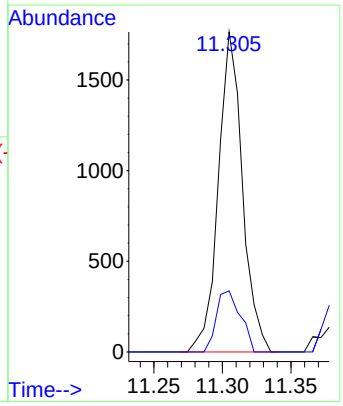


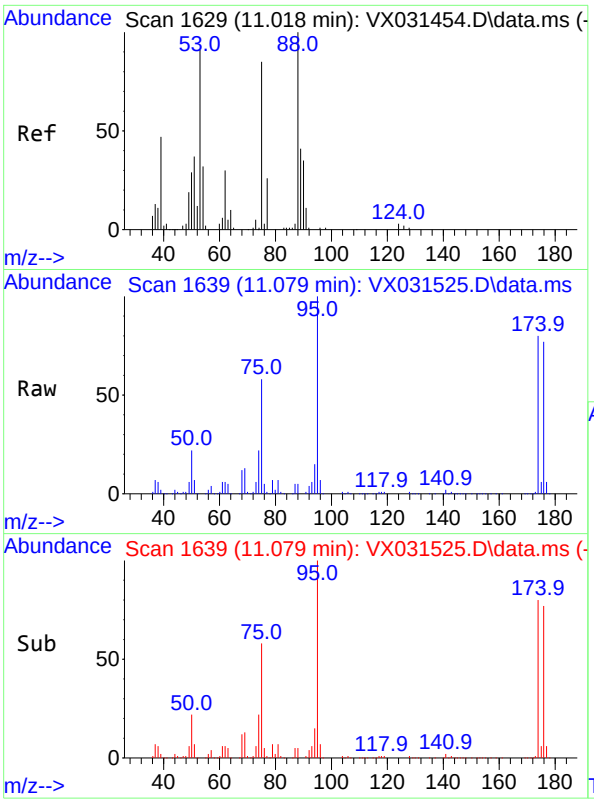


#78
n-propylbenzene
Concen: 0.414 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 91 Resp: 2156

Ion	Ratio	Lower	Upper
91	100		
120	19.0	11.8	35.4



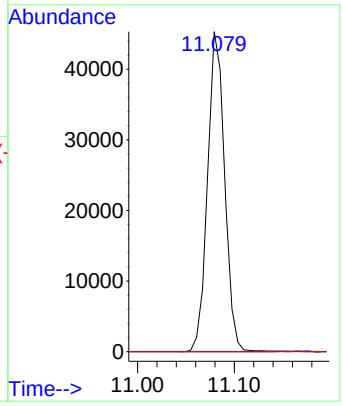


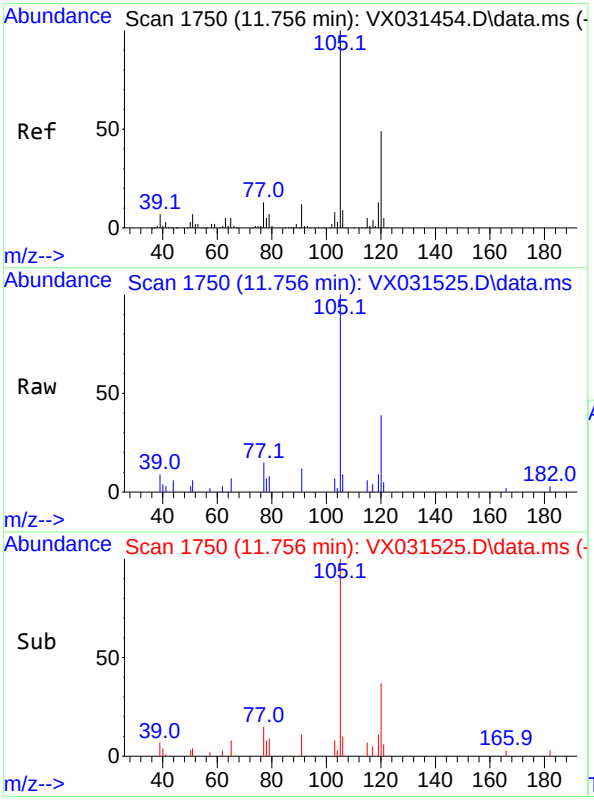
#81
trans-1,4-Dichloro-2-butene
Concen: 132.711 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 55817

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

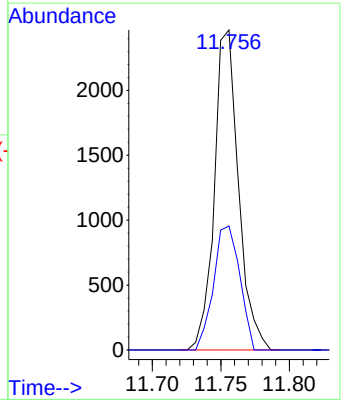


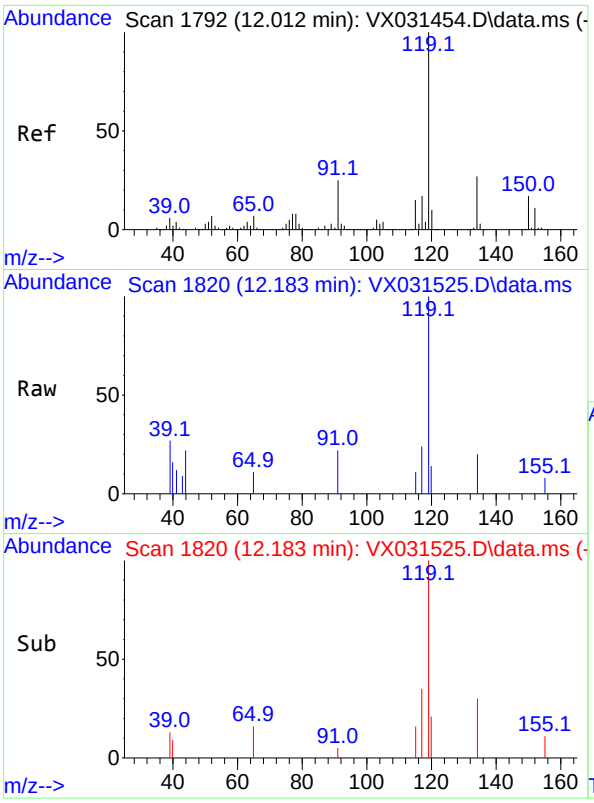


#84
1,2,4-Trimethylbenzene
Concen: 0.798 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion:105 Resp: 3023

Ion	Ratio	Lower	Upper
105	100		
120	41.9	22.6	67.8



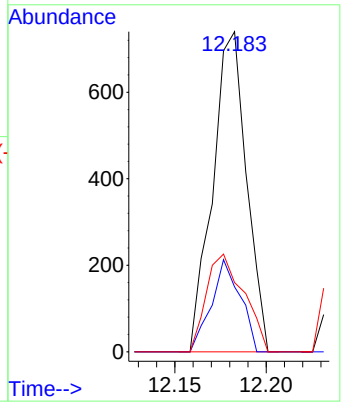


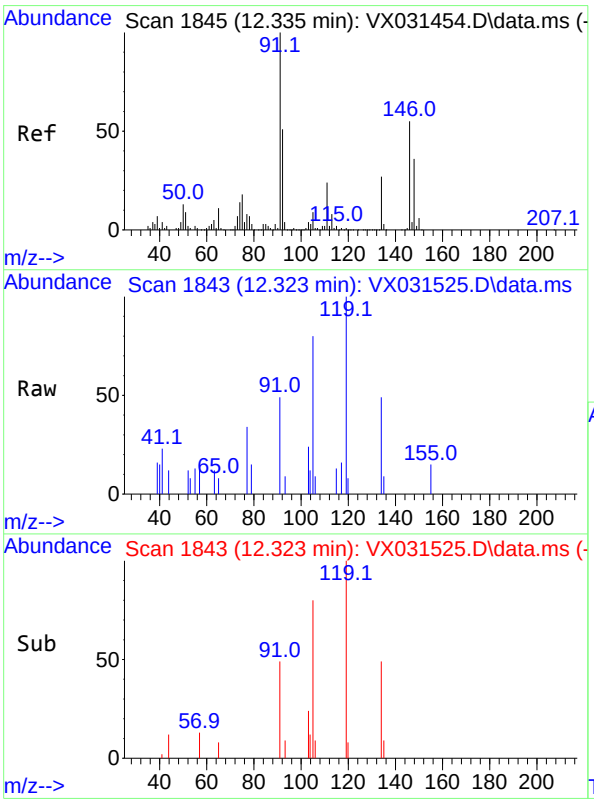
#86
p-Isopropyltoluene
Concen: 0.239 ug/l
RT: 12.183 min Scan# 1
Delta R.T. 0.171 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 951

Ion	Ratio	Lower	Upper
119	100		
134	24.6	13.4	40.2
91	33.9	12.4	37.2

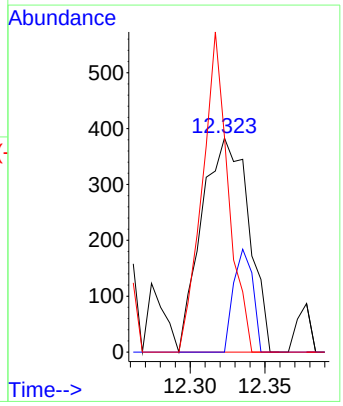


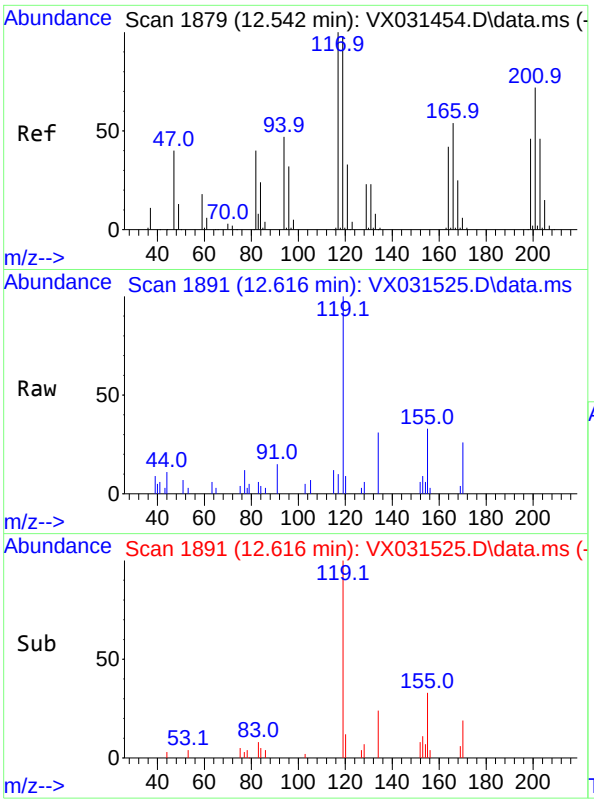


#89
n-Butylbenzene
Concen: 0.247 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion: 91 Resp: 839

Ion	Ratio	Lower	Upper
91	100		
92	19.7	27.0	81.0#
134	82.7	13.3	39.9#



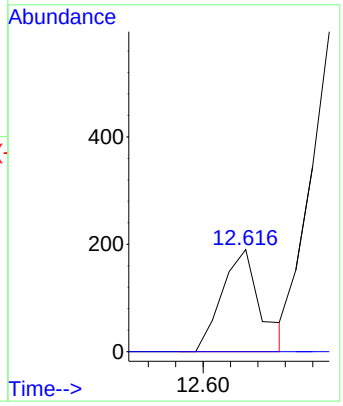


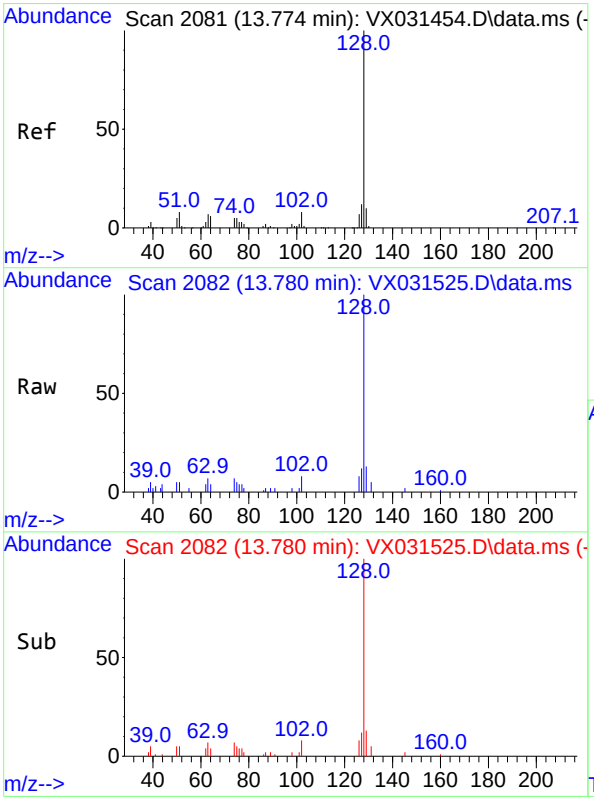
#90
Hexachloroethane
Concen: 0.270 ug/l
RT: 12.616 min Scan# 1
Delta R.T. 0.074 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 185

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.8	104.4#





#95
Naphthalene
Concen: 1.693 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031525.D
Acq: 21 Sep 2022 15:29

Tgt Ion:128 Resp: 7364

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.4	15.6
129	15.3	8.8	13.2#