Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
Data File : VU044233.D
Acq On : 16 Jun 2021 12:15
Operator : SY/MD
Sample : VU0616WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 17 04:54:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.385	168	199559	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	336203	50.000 ug/l	0.00
63) Chlorobenzene-d5	9.424	117	320585	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	173528	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.713	65	134013	42.229 ug/l	0.00
Spiked Amount 50.000			Recovery =	84.460%	
35) Dibromofluoromethane	5.298	113	110905	47.421 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.840%	
50) Toluene-d8	7.906	98	416763	46.401 ug/l	0.00
Spiked Amount 50.000			Recovery =	92.800%	
62) 4-Bromofluorobenzene	10.639	95	166581	46.279 ug/l	0.00
Spiked Amount 50.000			Recovery =	92.560%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.392	85	45658	16.219 ug/l	98
3) Chloromethane	1.524	50	52963	15.481 ug/l	98
4) Vinyl Chloride	1.610	62	54254	16.154 ug/l	99
5) Bromomethane	1.864	94	30768	22.201 ug/l	99
6) Chloroethane	1.938	64	29894	15.029 ug/l	98
7) Trichlorofluoromethane	2.144	101	68071	16.849 ug/l	99
8) Diethyl Ether	2.385	74	28900	17.487 ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.591	101	43005	17.474 ug/l	95
10) Methyl Iodide	2.733	142	53209	18.743 ug/l	97
11) Tert butyl alcohol	3.241	59	73338m	85.905 ug/l	
12) 1,1-Dichloroethene	2.588	96	43409	17.693 ug/l	94
13) Acrolein	2.498	56	24563	50.793 ug/l	97
14) Allyl chloride	2.932	41	75836	16.564 ug/l	97
15) Acrylonitrile	3.327	53	164425	93.146 ug/l	100
16) Acetone	2.649	43	178791	107.897 ug/l	96
17) Carbon Disulfide	2.803	76	127415	16.173 ug/l	99
18) Methyl Acetate	2.961	43	76296	18.690 ug/l	96
19) Methyl tert-butyl Ether	3.376	73	139667	18.642 ug/l	99
20) Methylene Chloride	3.057	84	58760	19.823 ug/l	95
21) trans-1,2-Dichloroethene	3.363	96	48864	18.030 ug/l	95
22) Diisopropyl ether	4.006	45	136875	17.366 ug/l #	85
23) Vinyl Acetate	3.967	43	648222	86.665 ug/l	97
24) 1,1-Dichloroethane	3.884	63	88589	16.913 ug/l	98
25) 2-Butanone	4.720	43	245303	92.609 ug/l	97
26) 2,2-Dichloropropane	4.678	77	72268	17.470 ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	55176	18.250 ug/l	96
28) Bromochloromethane	4.983	49	43324	17.338 ug/l	89
29) Tetrahydrofuran	5.067	42	137144	95.247 ug/l	96
30) Chloroform	5.099	83	89060	17.410 ug/l	98
31) Cyclohexane	5.398	56	75577	16.875 ug/l	93
32) 1,1,1-Trichloroethane	5.327	97	73714	17.332 ug/l	98
36) 1,1-Dichloropropene	5.536	75	67169	17.957 ug/l	98
37) Ethyl Acetate	4.816	43	85285	19.041 ug/l	98
38) Carbon Tetrachloride	5.533	117	62306	18.451 ug/l	100
39) Methylcyclohexane	6.771	83	74123	18.577 ug/l	96
40) Benzene	5.784	78	202249	18.247 ug/l	99

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Operator : SY/MD
Sample : VU0616WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 17 04:54:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.987	41	43763	19.085 ug/l	96
42) 1,2-Dichloroethane	5.803	62	69418	17.748 ug/l	99
43) Isopropyl Acetate	5.922	43	120176	18.910 ug/l	98
44) Trichloroethene	6.552	130	51022	19.977 ug/l	95
45) 1,2-Dichloropropane	6.800	63	53862	17.891 ug/l	99
46) Dibromomethane	6.929	93	36417	18.765 ug/l	96
47) Bromodichloromethane	7.115	83	69556	18.216 ug/l	98
48) Methyl methacrylate	6.970	41	56377	18.230 ug/l	98
49) 1,4-Dioxane	7.015	88	33056	408.657 ug/l #	84
51) 4-Methyl-2-Pentanone	7.803	43	429968	93.478 ug/l	98
52) Toluene	7.977	92	129678	19.738 ug/l	99
53) t-1,3-Dichloropropene	8.218	75	78989	18.906 ug/l	99
54) cis-1,3-Dichloropropene	7.617	75	86869	19.270 ug/l	96
55) 1,1,2-Trichloroethane	8.408	97	52710	19.102 ug/l	99
56) Ethyl methacrylate	8.343	69	82286	19.522 ug/l	98
57) 1,3-Dichloropropane	8.584	76	91947	18.781 ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	123195	93.538 ug/l	98
59) 2-Hexanone	8.694	43	343871	93.677 ug/l	97
60) Dibromochloromethane	8.819	129	53920	19.649 ug/l	100
61) 1,2-Dibromoethane	8.932	107	57376	19.769 ug/l	98
64) Tetrachloroethene	8.562	164	46838	21.253 ug/l	98
65) Chlorobenzene	9.453	112	133382	19.457 ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.543	131	46482	19.414 ug/l	100
67) Ethyl Benzene	9.578	91	241032	19.574 ug/l	98
68) m/p-Xylenes	9.700	106	187474	40.764 ug/l	98
69) o-Xylene	10.108	106	88736	20.349 ug/l	96
70) Styrene	10.121	104	151086	19.893 ug/l	99
71) Bromoform	10.298	173	40044	19.653 ug/l #	98
73) Isopropylbenzene	10.491	105	238066	20.487 ug/l	100
74) N-amyl acetate	10.330	43	97154	18.617 ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	90597	17.910 ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	109955	18.899 ug/l	99
77) Bromobenzene	10.790	156	58224	19.931 ug/l	94
78) n-propylbenzene	10.912	91	295109	19.514 ug/l	99
79) 2-Chlorotoluene	10.993	91	171686	19.162 ug/l	98
80) 1,3,5-Trimethylbenzene	11.096	105	208038	20.124 ug/l	97
81) trans-1,4-Dichloro-2-b...	10.552	75	30202	18.818 ug/l	98
82) 4-Chlorotoluene	11.102	91	207991	19.656 ug/l	98
83) tert-Butylbenzene	11.427	119	193007	19.900 ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	212655	20.474 ug/l	99
85) sec-Butylbenzene	11.652	105	257208	20.193 ug/l	99
86) p-Isopropyltoluene	11.800	119	227385	20.839 ug/l	99
87) 1,3-Dichlorobenzene	11.752	146	113268	19.753 ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	115379	18.905 ug/l	99
89) n-Butylbenzene	12.214	91	214072	19.315 ug/l	100
90) Hexachloroethane	12.481	117	32106	18.592 ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	110968	19.247 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	21284	18.602 ug/l	93
93) 1,2,4-Trichlorobenzene	13.848	180	75326	20.757 ug/l	99
94) Hexachlorobutadiene	14.028	225	40206	20.647 ug/l	99
95) Naphthalene	14.095	128	247352	21.965 ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	73913	21.008 ug/l	99

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Data File : VU044233.D
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Operator : SY/MD
Sample : VU0616WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 17 04:54:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
Data File : VU044233.D
Acq On : 16 Jun 2021 12:15
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Quant Time: Jun 17 04:54:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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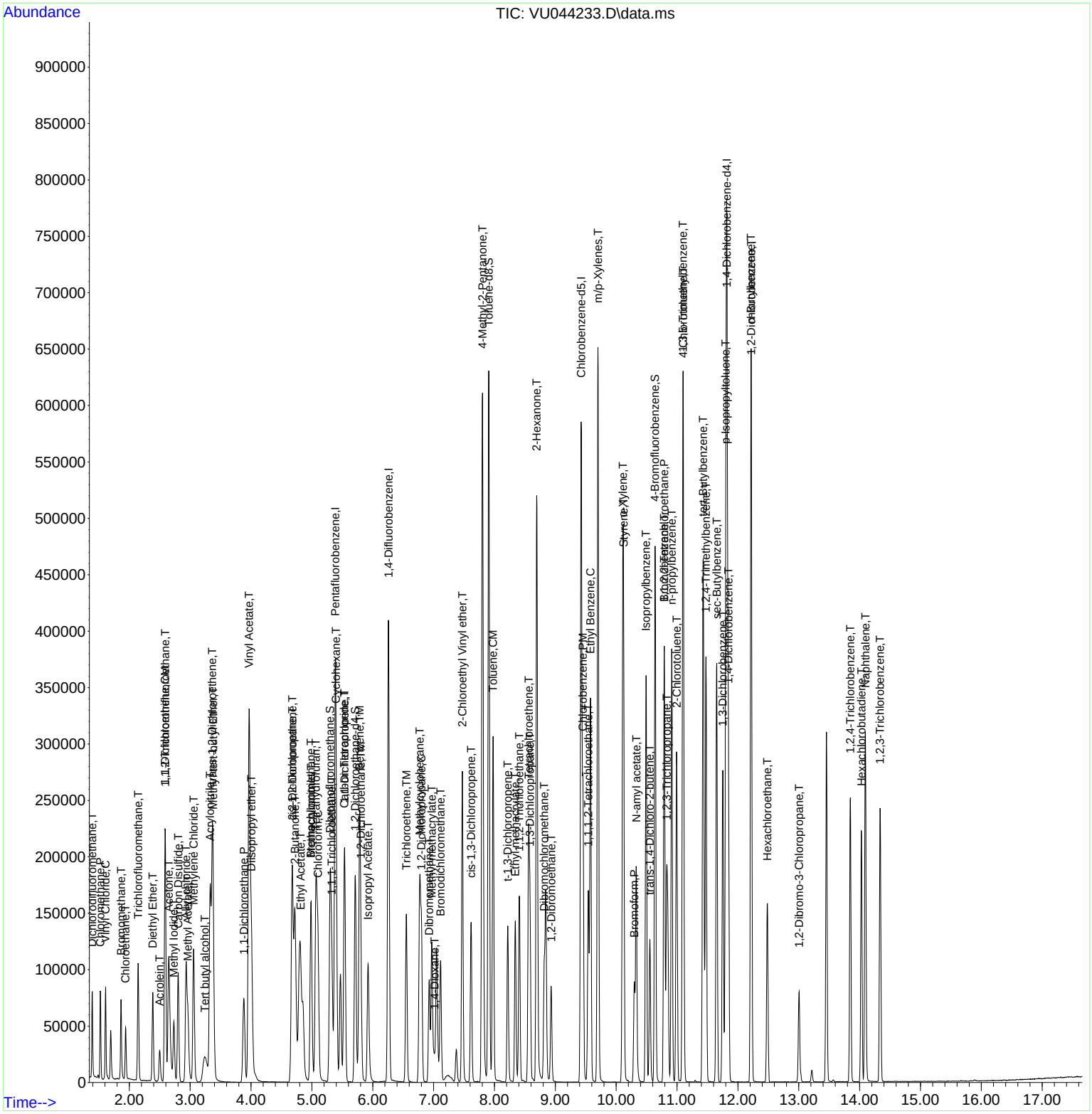
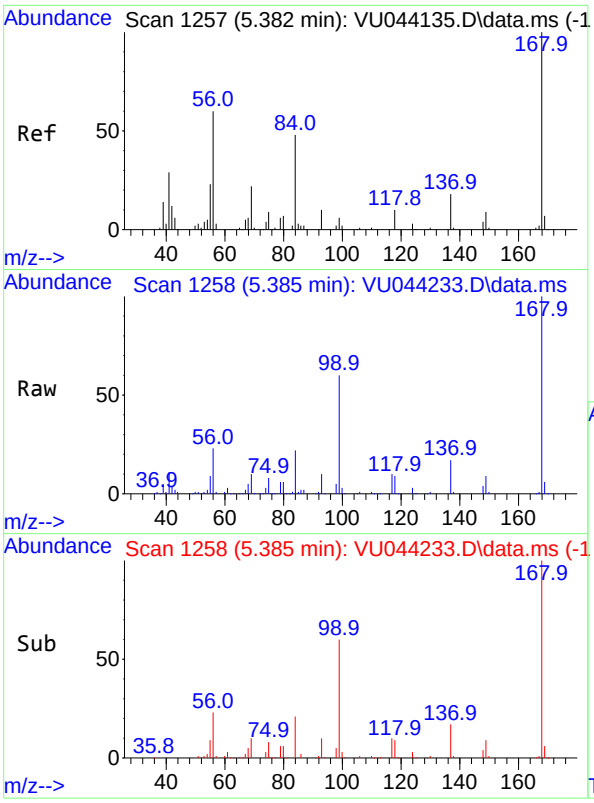
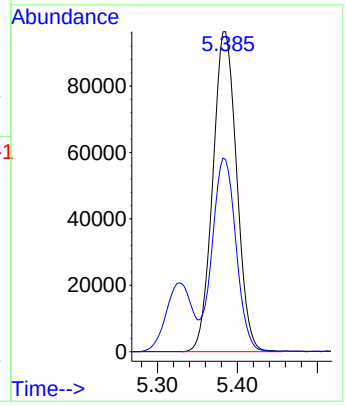




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:168 Resp: 199559

Ion	Ratio	Lower	Upper
168	100		
99	59.9	51.3	76.9



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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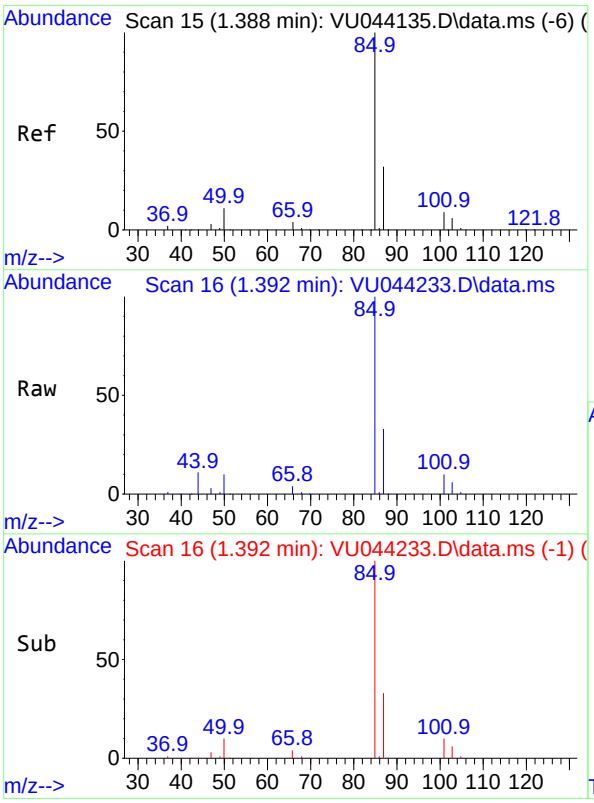
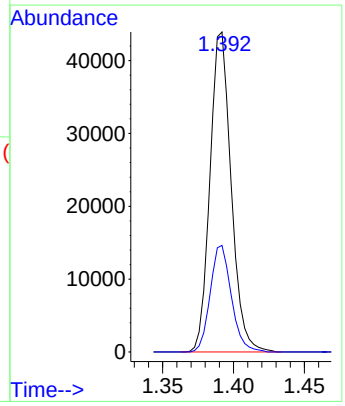
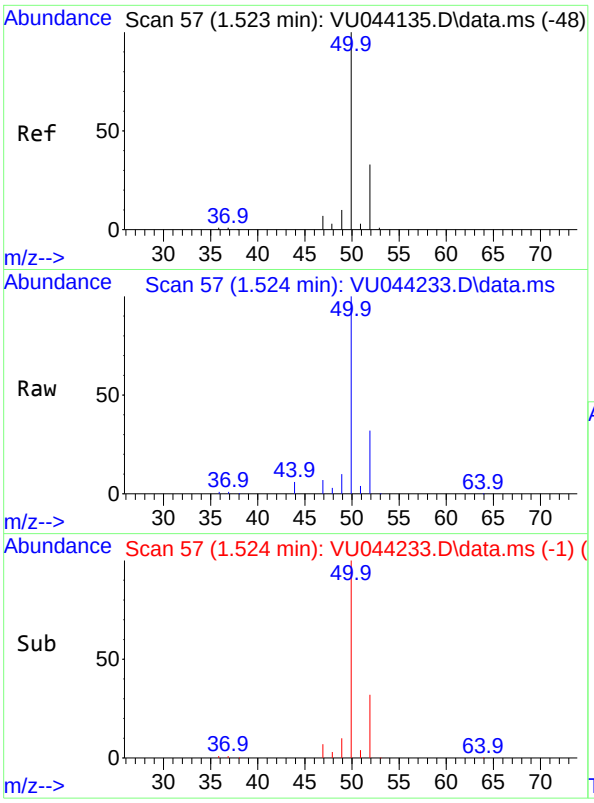


#2
Dichlorodifluoromethane
Concen: 16.219 ug/l
RT: 1.392 min Scan# 16
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 85 Resp: 45658

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.2	48.5

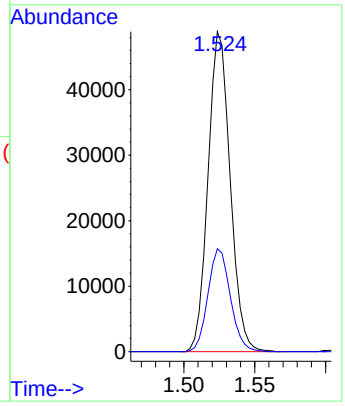




#3
Chloromethane
Concen: 15.481 ug/l
RT: 1.524 min Scan# 57
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 50 Resp: 52963

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.6	39.8



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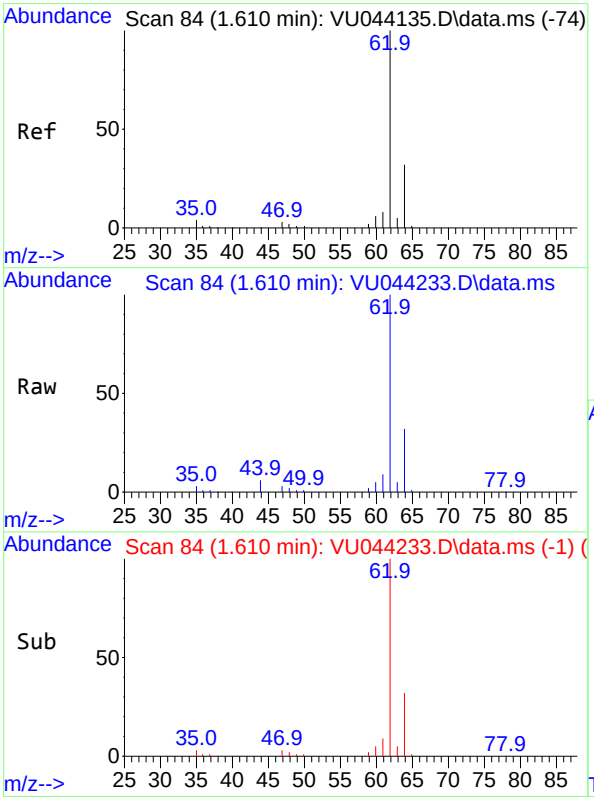
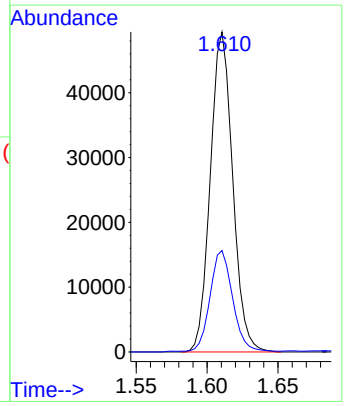
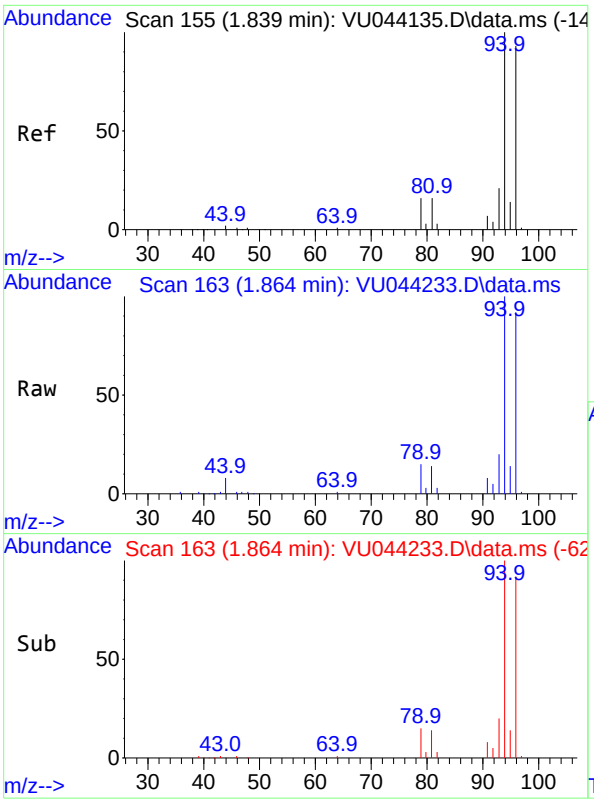


#4
Vinyl Chloride
Concen: 16.154 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 62 Resp: 54254

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.5	38.3

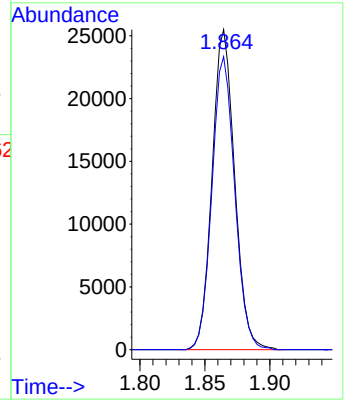




#5
Bromomethane
Concen: 22.201 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.025 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 94 Resp: 30768

Ion	Ratio	Lower	Upper
94	100		
96	91.6	74.1	111.1



Instrument :
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ClientSampleId :
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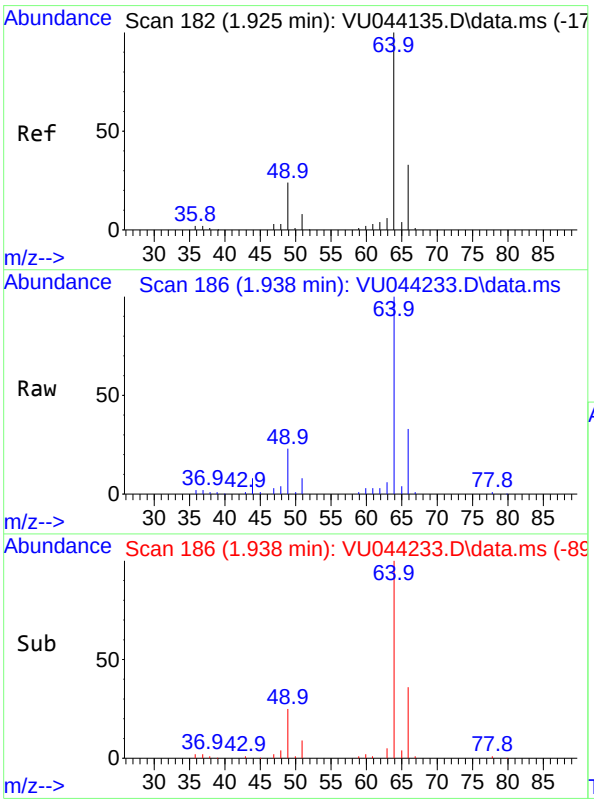
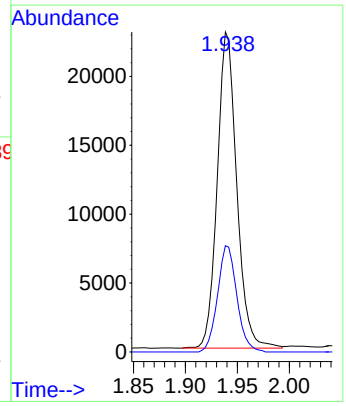
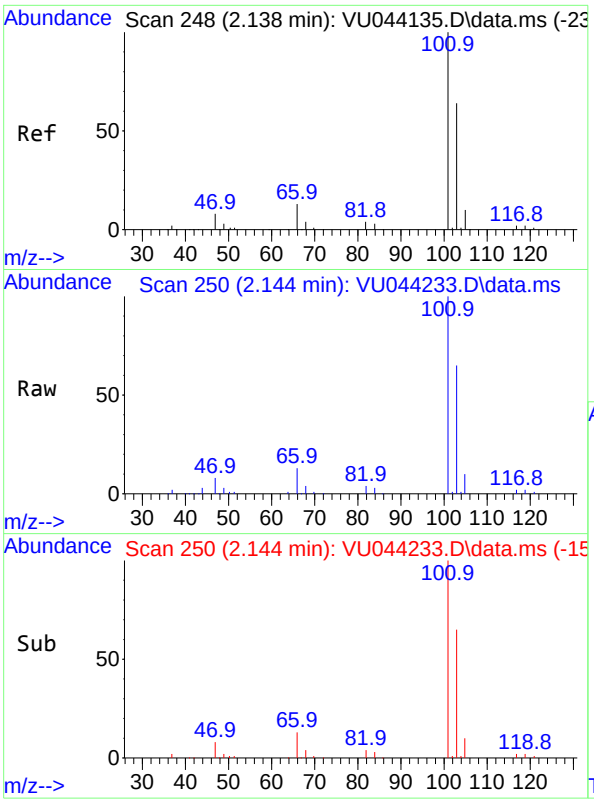


#6
Chloroethane
Concen: 15.029 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.013 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 64 Resp: 29894

Ion	Ratio	Lower	Upper
64	100		
66	33.6	26.1	39.1

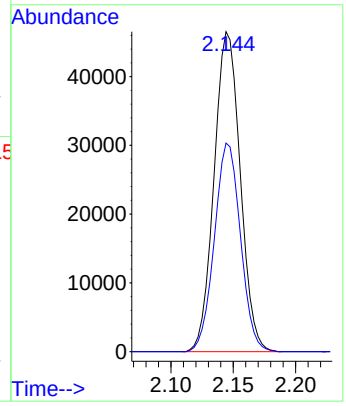




#7
Trichlorofluoromethane
Concen: 16.849 ug/l
RT: 2.144 min Scan# 250
Delta R.T. 0.006 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:101 Resp: 68071

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.4	77.0



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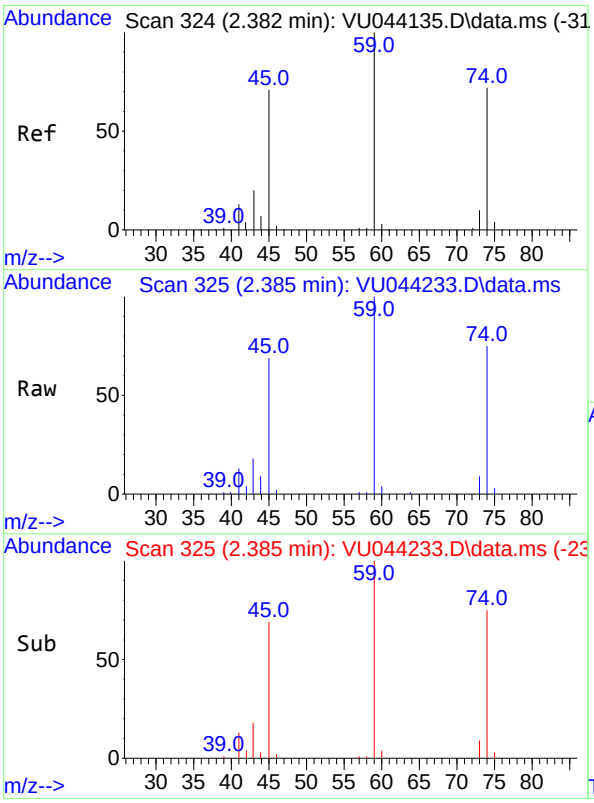
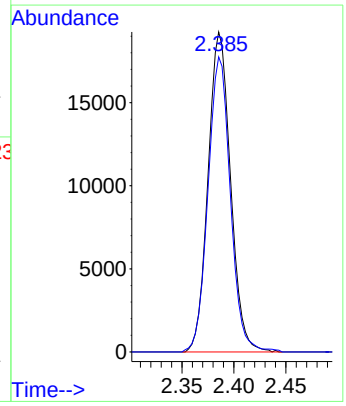
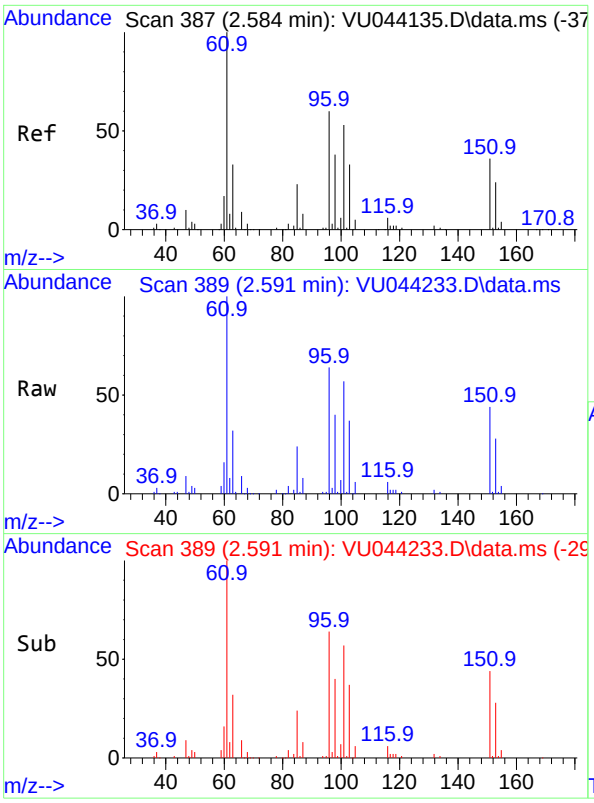


#8
Diethyl Ether
Concen: 17.487 ug/l
RT: 2.385 min Scan# 325
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 74 Resp: 28900

Ion	Ratio	Lower	Upper
74	100		
45	92.0	48.6	145.8

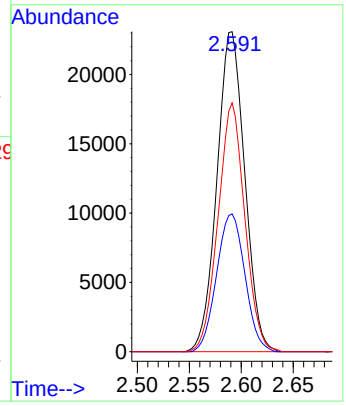




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.474 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.007 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:101 Resp: 43005

Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.8	53.6
151	74.7	55.0	82.4



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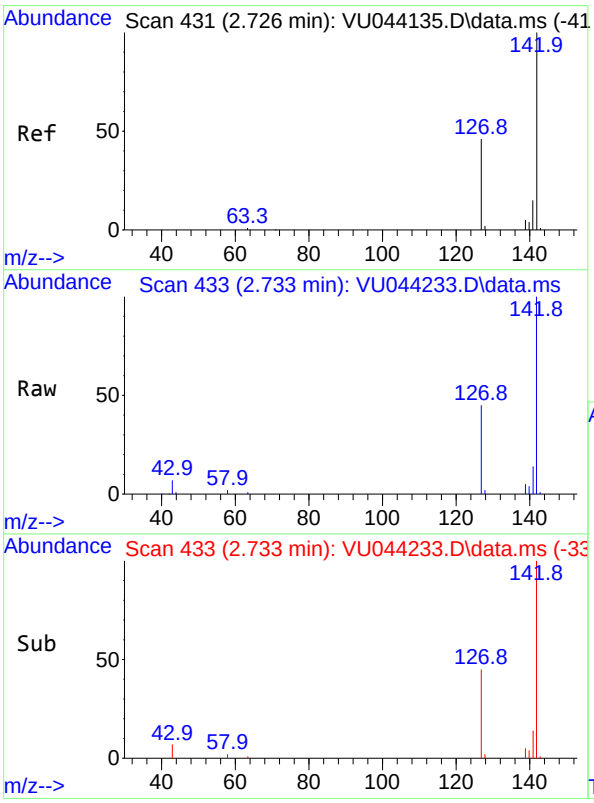
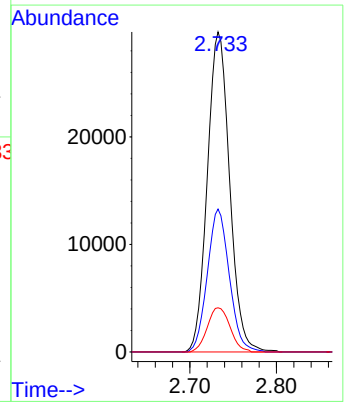
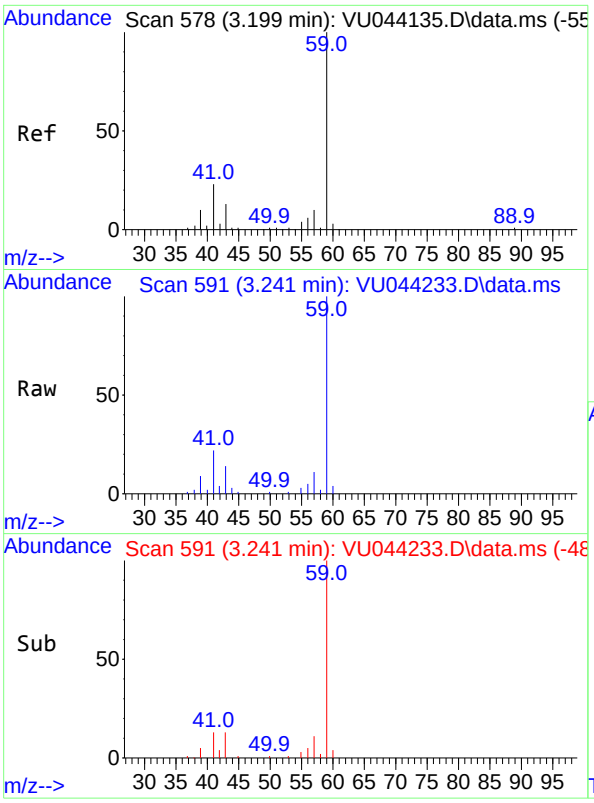


#10
Methyl Iodide
Concen: 18.743 ug/l
RT: 2.733 min Scan# 433
Delta R.T. 0.007 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:142 Resp: 53209

Ion	Ratio	Lower	Upper
142	100		
127	44.0	37.0	55.6
141	14.1	11.6	17.4

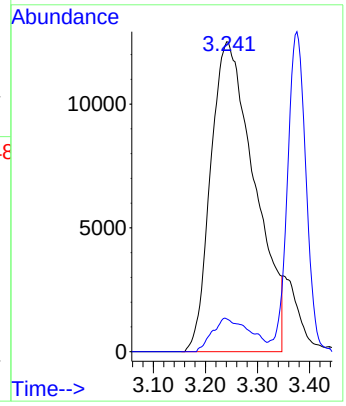




#11
Tert butyl alcohol
Concen: 85.905 ug/l m
RT: 3.241 min Scan# 591
Delta R.T. 0.042 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 59 Resp: 73338

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.0	12.0



Instrument :
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ClientSampleId :
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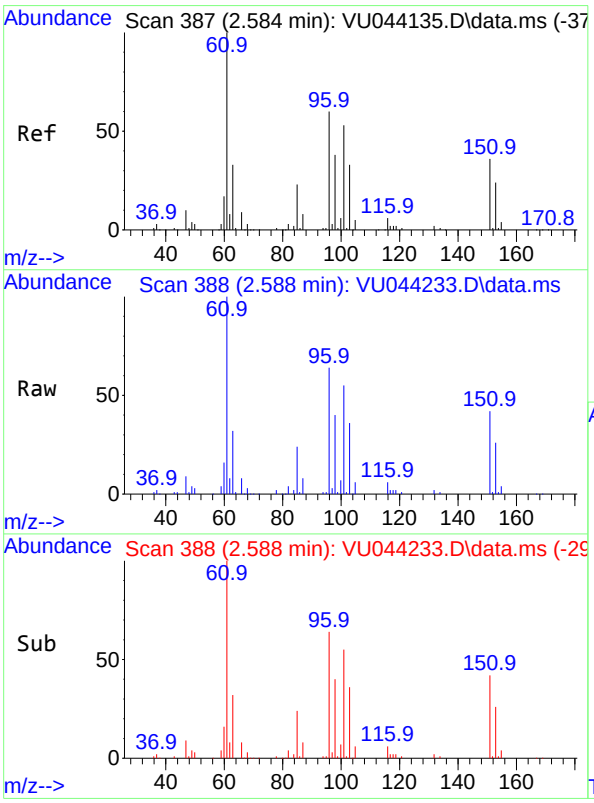
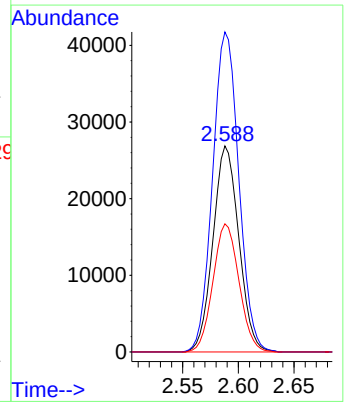
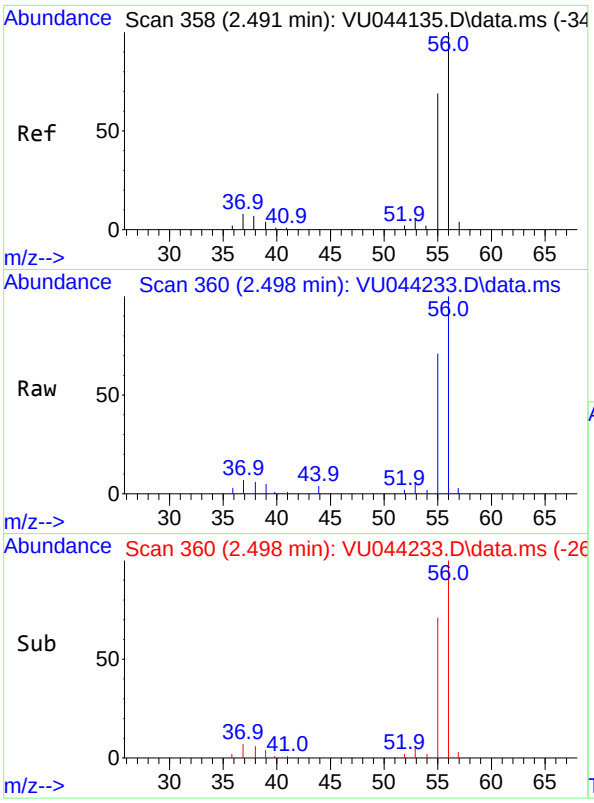


#12
1,1-Dichloroethene
Concen: 17.693 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 96 Resp: 43409

Ion	Ratio	Lower	Upper
96	100		
61	155.3	132.4	198.6
98	62.2	50.5	75.7

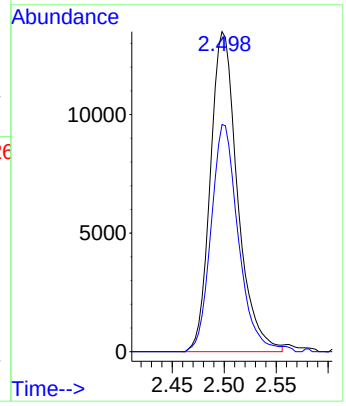




#13
Acrolein
Concen: 50.793 ug/l
RT: 2.498 min Scan# 360
Delta R.T. 0.007 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 56 Resp: 24563

Ion	Ratio	Lower	Upper
56	100		
55	71.4	55.1	82.7



Instrument :
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ClientSampleId :
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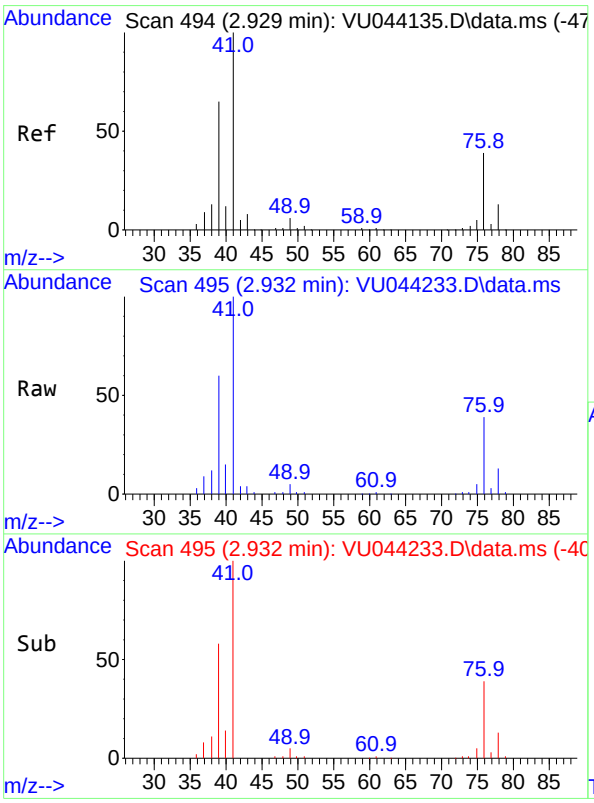
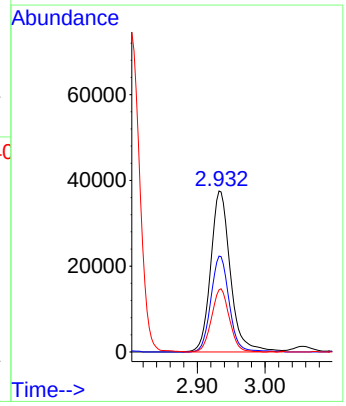
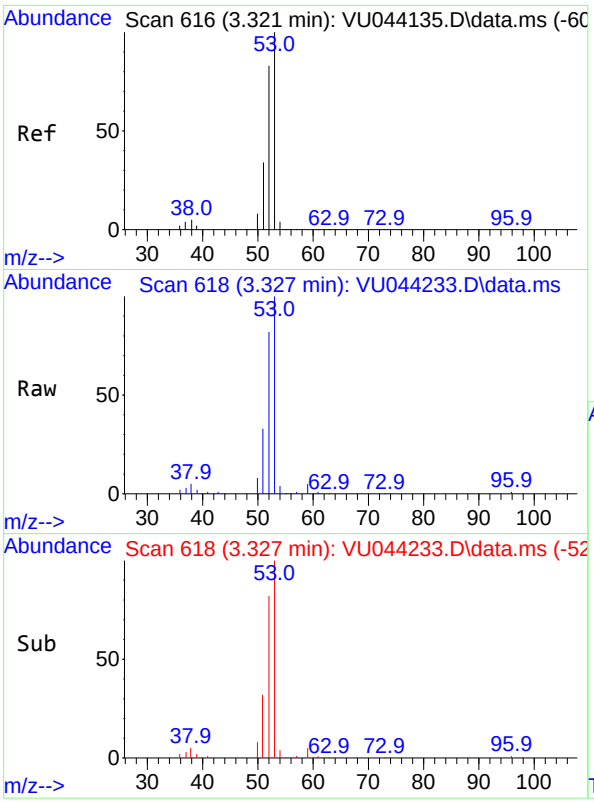


#14
Allyl chloride
Concen: 16.564 ug/l
RT: 2.932 min Scan# 495
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 41 Resp: 75836

Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.7	68.5
76	35.4	26.8	40.2

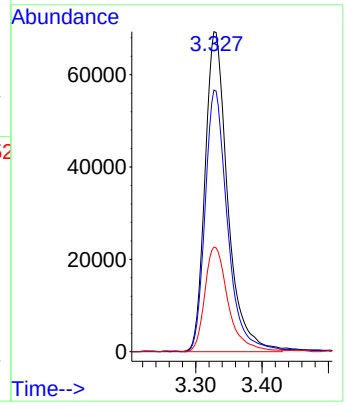




#15
Acrylonitrile
Concen: 93.146 ug/l
RT: 3.327 min Scan# 618
Delta R.T. 0.006 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 53 Resp: 164425

Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.0	97.6
51	33.9	27.3	40.9



Instrument :
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ClientSampleId :
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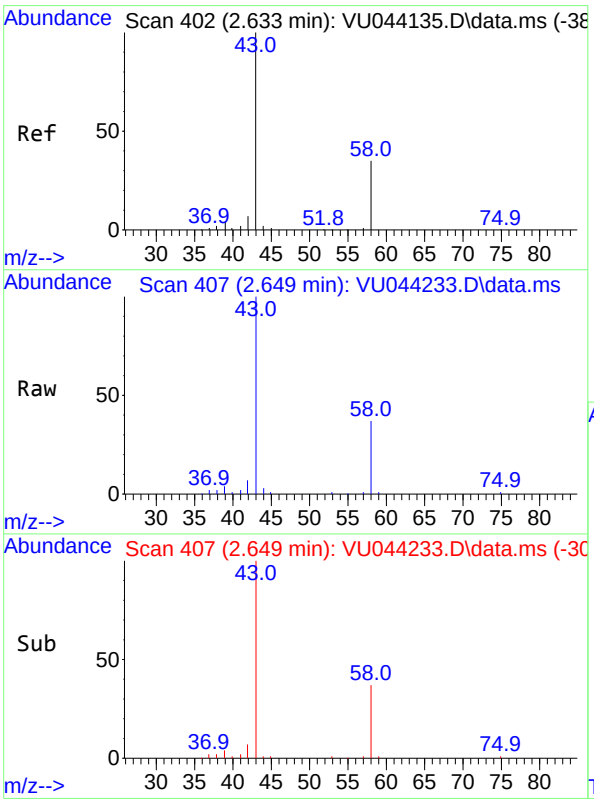
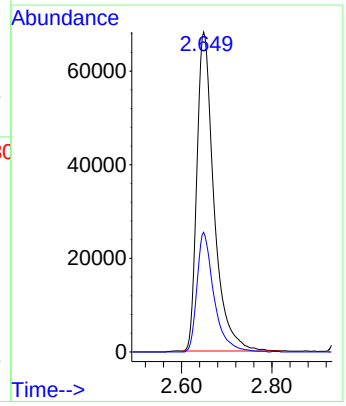
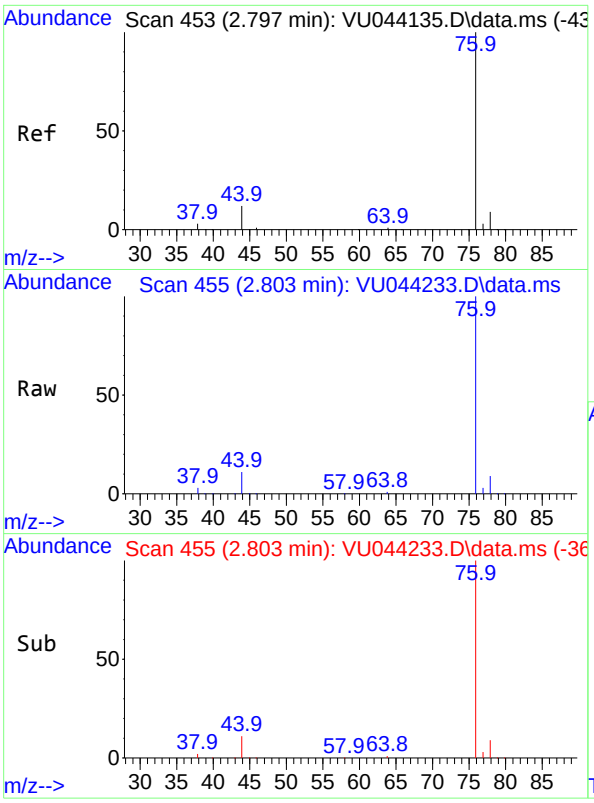


#16
Acetone
Concen: 107.897 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.016 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 178791

Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.0	42.0

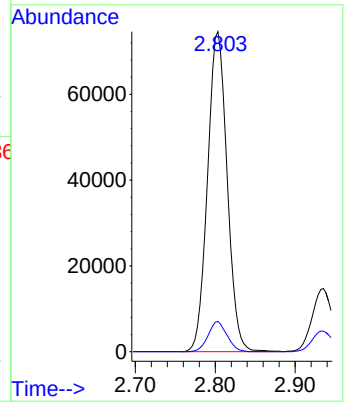




#17
Carbon Disulfide
Concen: 16.173 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.006 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 76 Resp: 127415

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8



Instrument :
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ClientSampleId :
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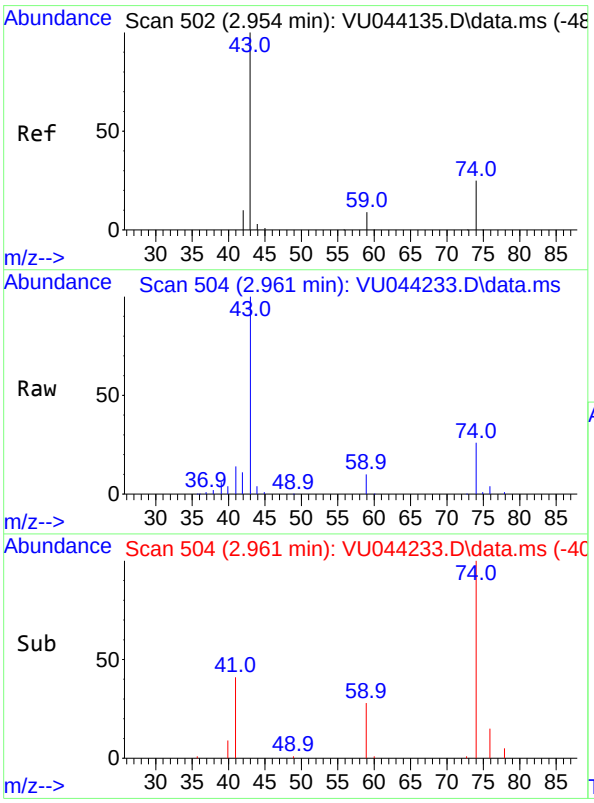
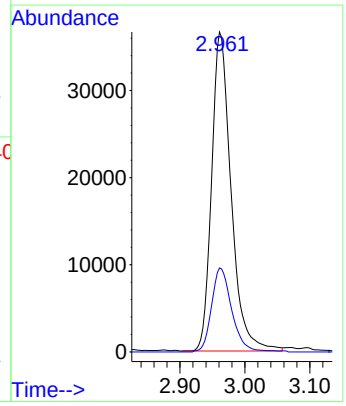
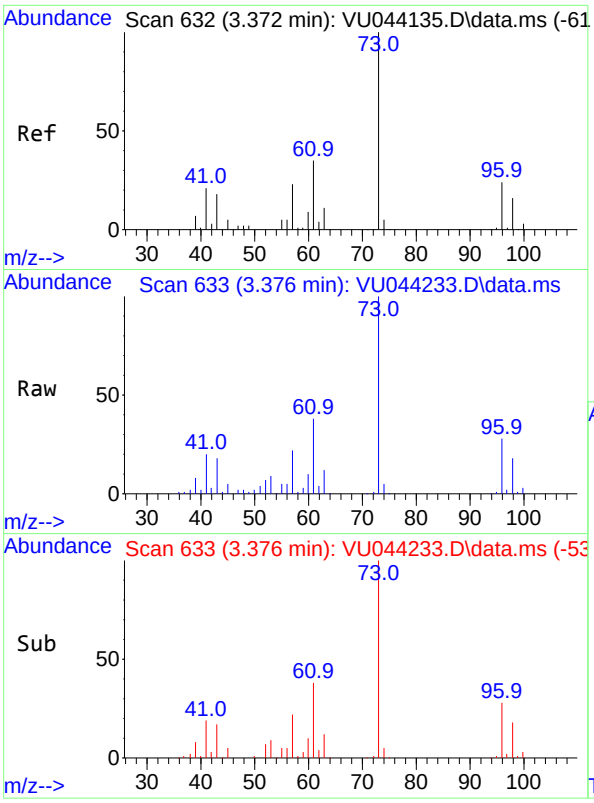


#18
Methyl Acetate
Concen: 18.690 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 76296

Ion	Ratio	Lower	Upper
43	100		
74	27.3	20.3	30.5

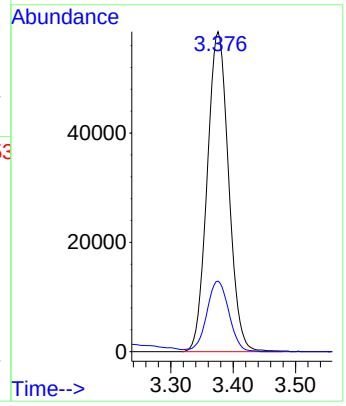




#19
Methyl tert-butyl Ether
Concen: 18.642 ug/l
RT: 3.376 min Scan# 633
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 73 Resp: 139667

Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.0	27.0



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

Manual Integrations APPROVED
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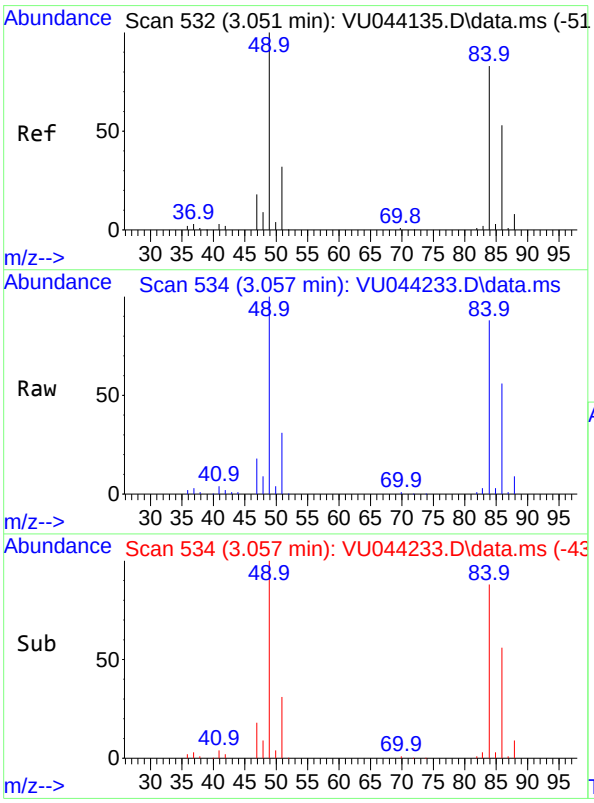
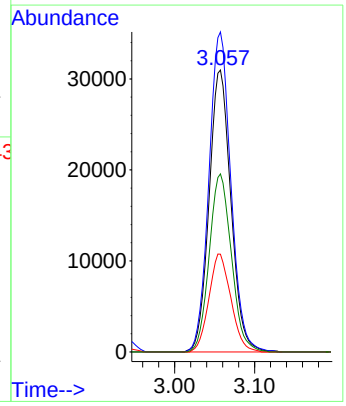
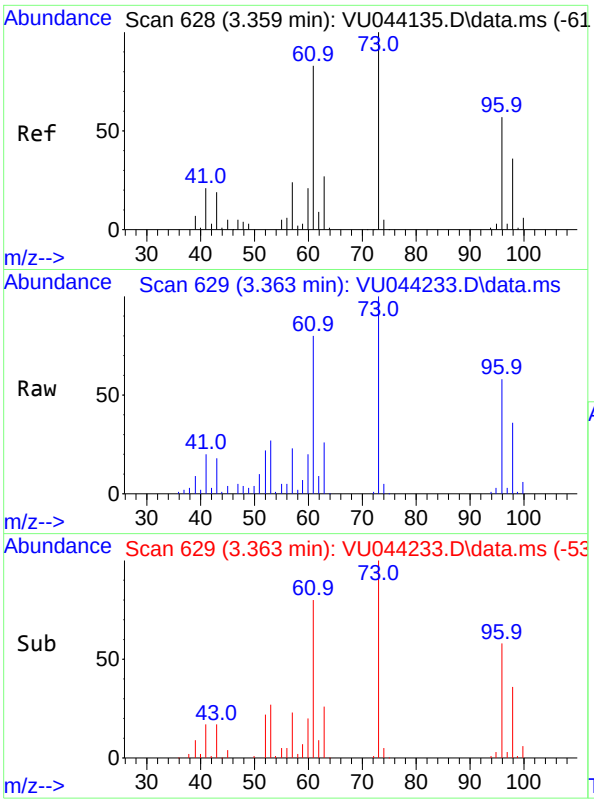


#20
Methylene Chloride
Concen: 19.823 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 84 Resp: 58760

Ion	Ratio	Lower	Upper
84	100		
49	113.5	96.9	145.3
51	34.7	31.0	46.6
86	63.2	51.0	76.6

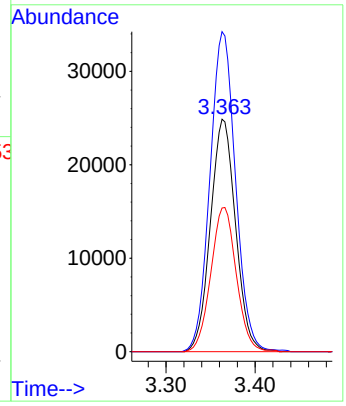




#21
trans-1,2-Dichloroethene
Concen: 18.030 ug/l
RT: 3.363 min Scan# 629
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 96 Resp: 48864

Ion	Ratio	Lower	Upper
96	100		
61	137.7	116.3	174.5
98	61.8	50.7	76.1



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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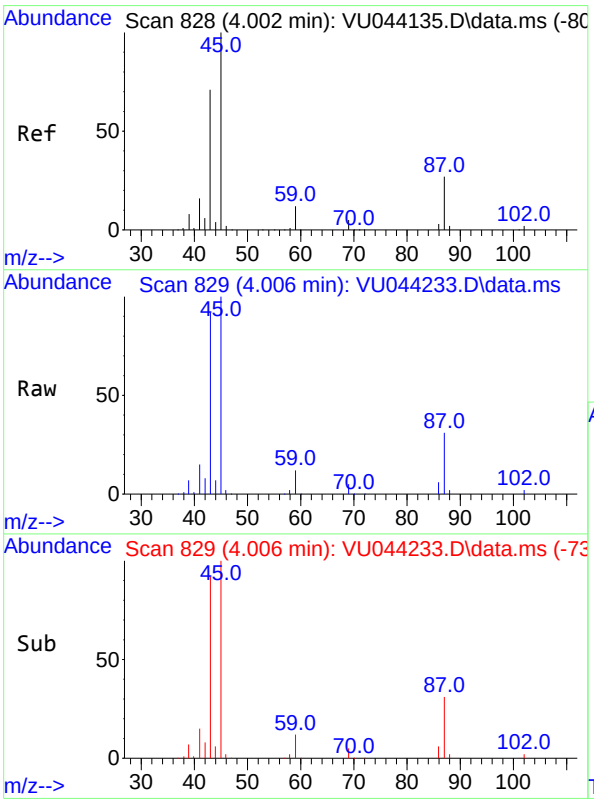
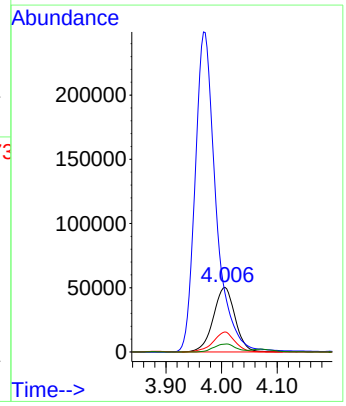
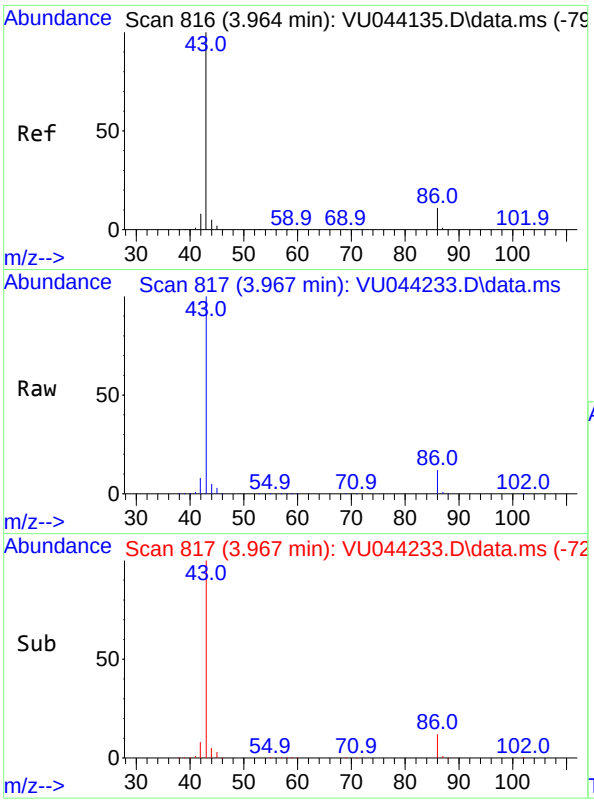


#22
Diisopropyl ether
Concen: 17.366 ug/l
RT: 4.006 min Scan# 829
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 45 Resp: 136875

Ion	Ratio	Lower	Upper
45	100		
43	89.6	58.4	87.6#
87	31.0	21.8	32.6
59	12.2	9.6	14.4

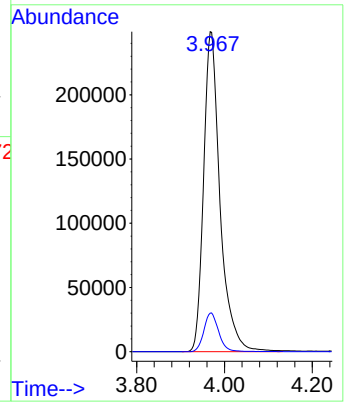




#23
Vinyl Acetate
Concen: 86.665 ug/l
RT: 3.967 min Scan# 817
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 648222

Ion	Ratio	Lower	Upper
43	100		
86	12.1	8.8	13.2



Instrument :
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ClientSampleId :
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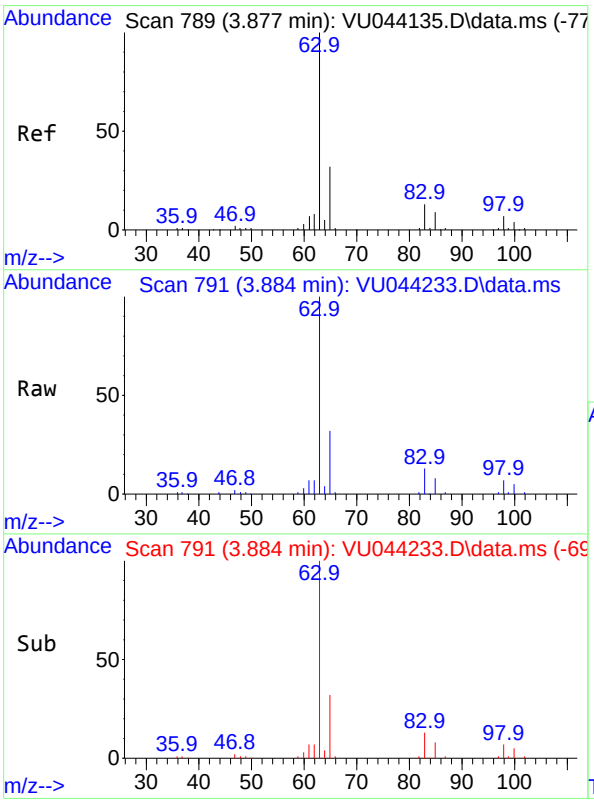
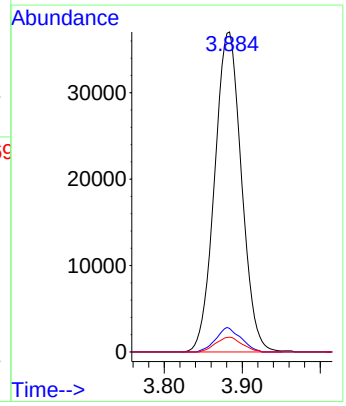
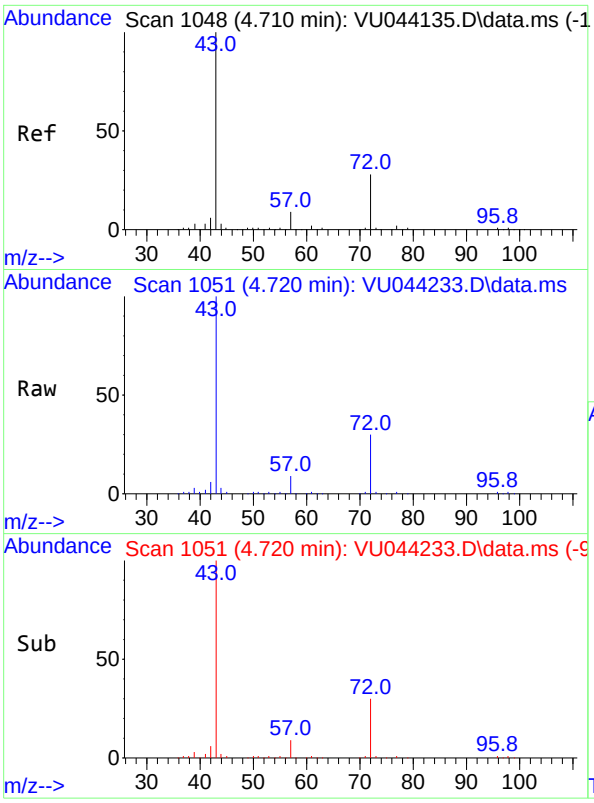


#24
1,1-Dichloroethane
Concen: 16.913 ug/l
RT: 3.884 min Scan# 791
Delta R.T. 0.007 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 63 Resp: 88589

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.3	9.9
100	4.6	2.2	6.6

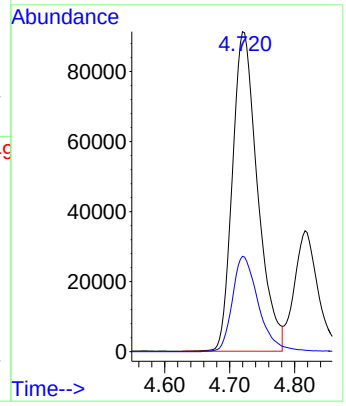




#25
2-Butanone
Concen: 92.609 ug/l
RT: 4.720 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 245303

Ion	Ratio	Lower	Upper
43	100		
72	29.8	22.6	33.8



Instrument :
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ClientSampleId :
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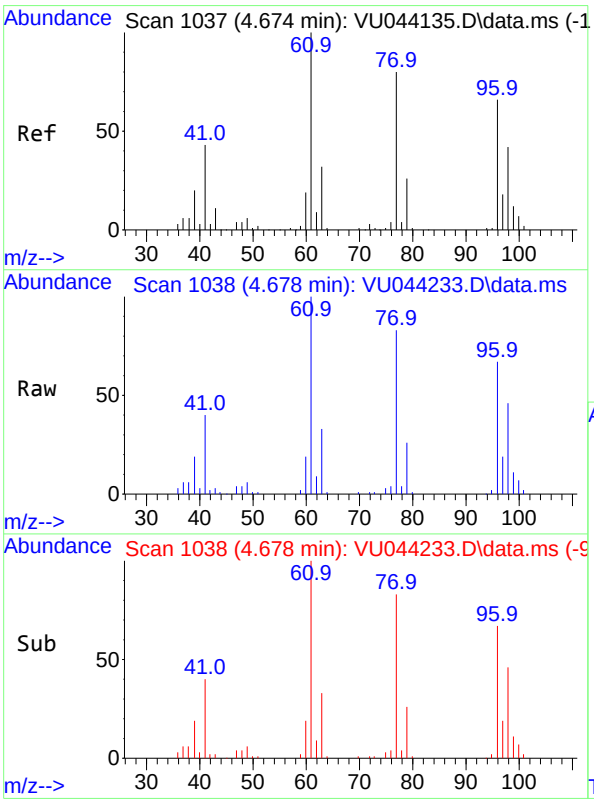
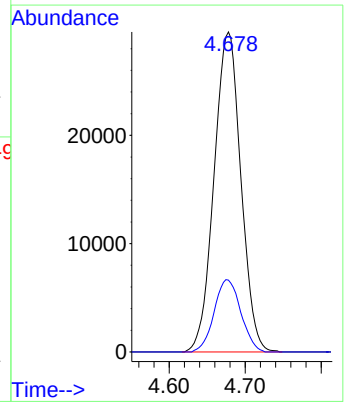
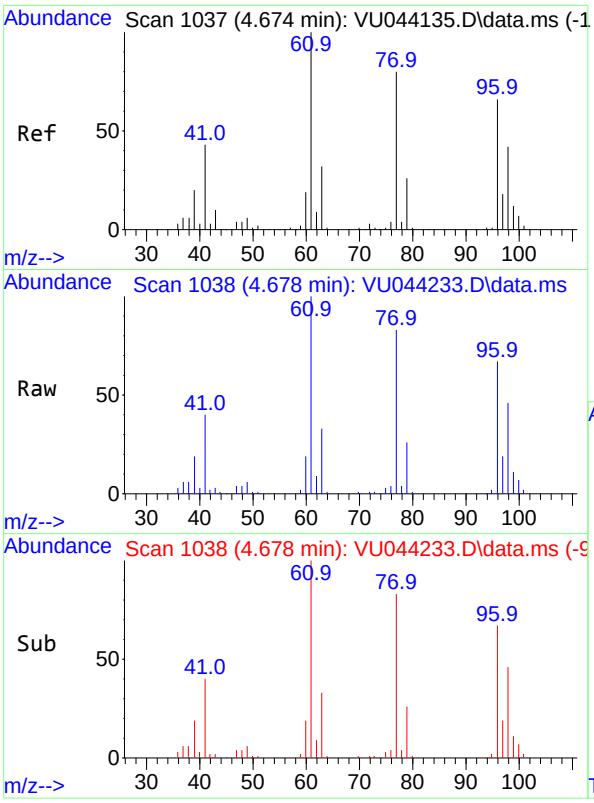


#26
2,2-Dichloropropane
Concen: 17.470 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 77 Resp: 72268

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.2

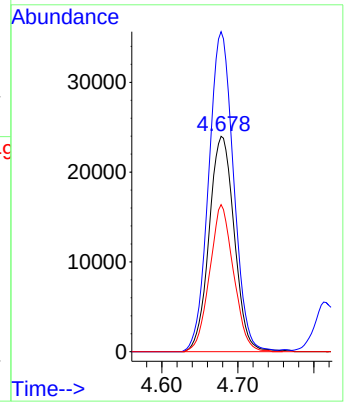




#27
cis-1,2-Dichloroethene
Concen: 18.250 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 96 Resp: 55176

Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	308.0
98	64.8	0.0	128.4



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

Manual Integrations APPROVED
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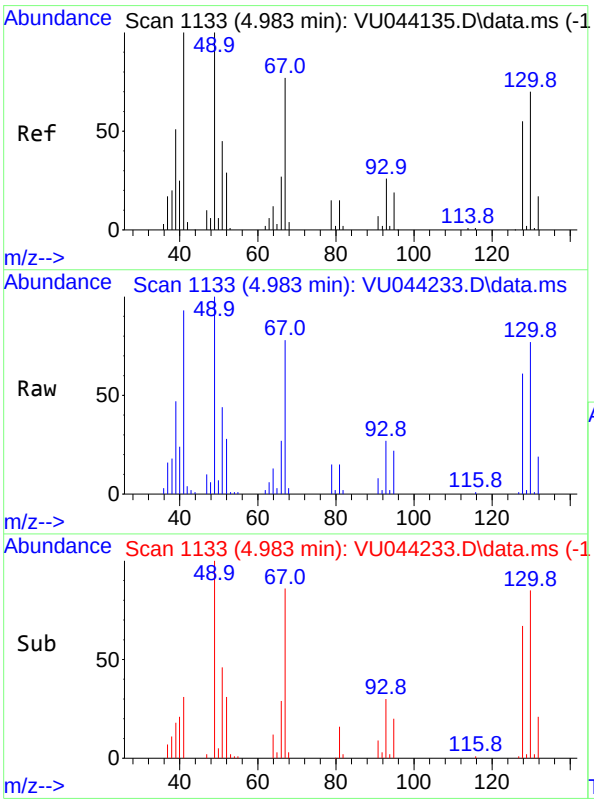
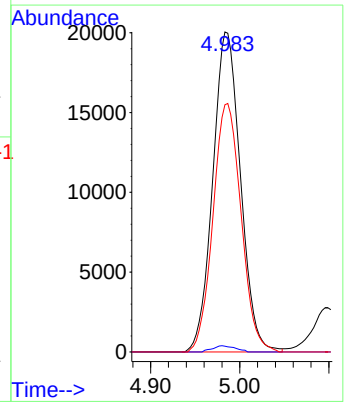
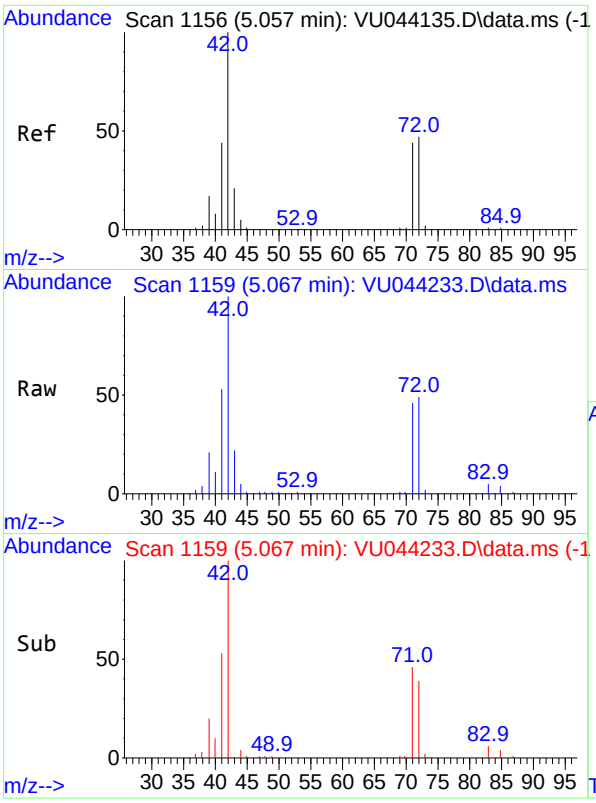


#28
Bromochloromethane
Concen: 17.338 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 49 Resp: 43324

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	78.7	55.6	83.4

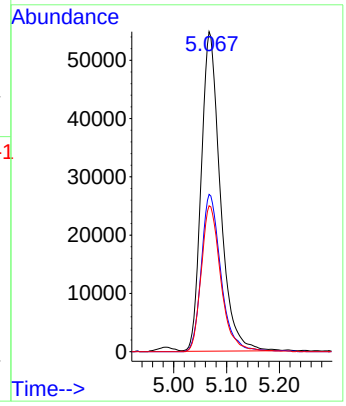




#29
Tetrahydrofuran
Concen: 95.247 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.010 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 42 Resp: 137144

Ion	Ratio	Lower	Upper
42	100		
72	50.6	38.6	57.8
71	47.1	35.5	53.3



Instrument :
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ClientSampleId :
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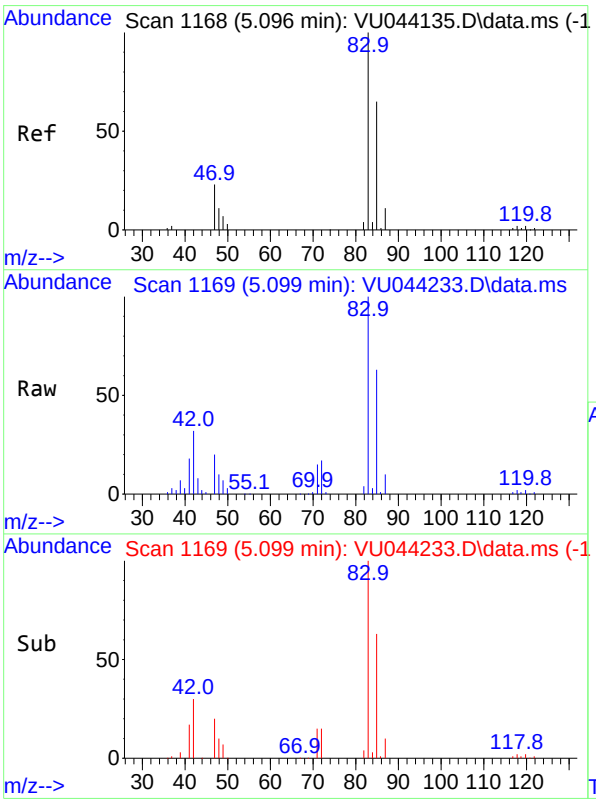
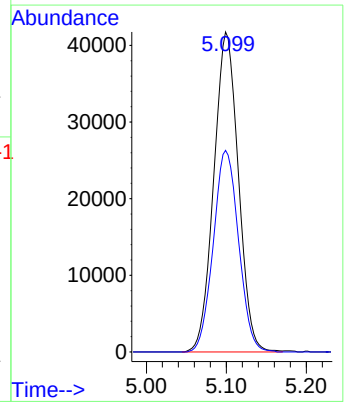
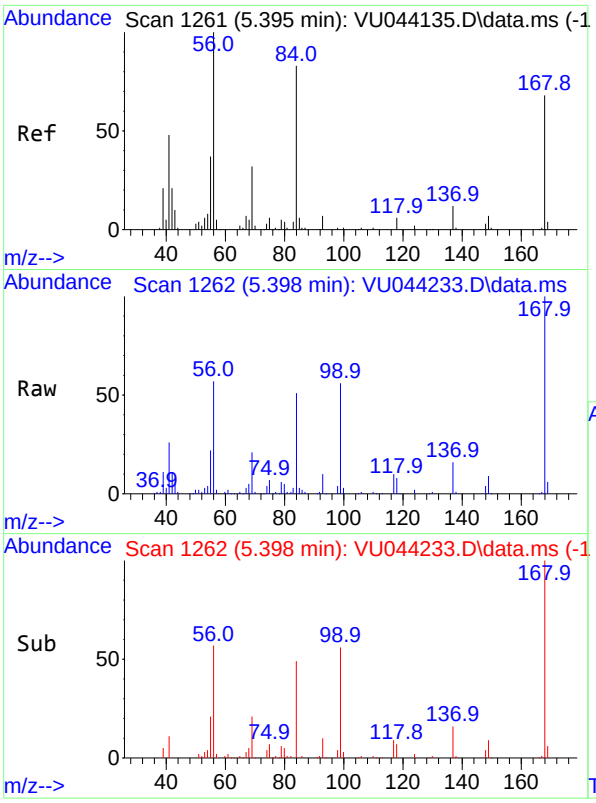


#30
Chloroform
Concen: 17.410 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 83 Resp: 89060

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8

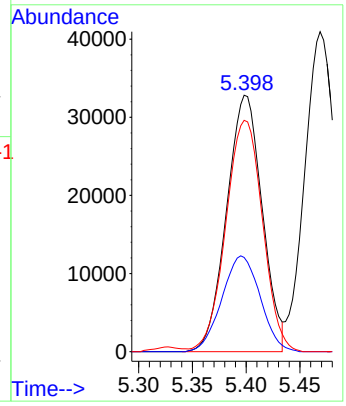




#31
Cyclohexane
Concen: 16.875 ug/l
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 56 Resp: 75577

Ion	Ratio	Lower	Upper
56	100		
69	36.4	25.5	38.3
84	89.1	66.3	99.5



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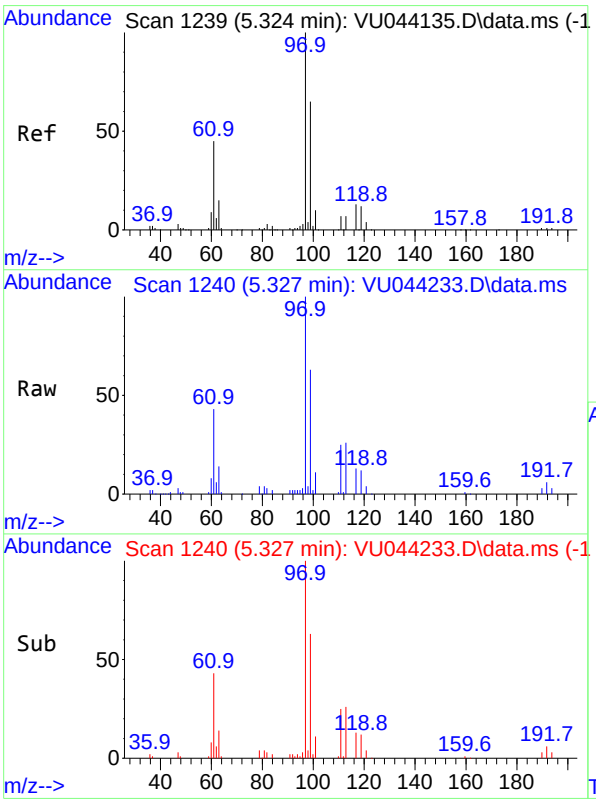
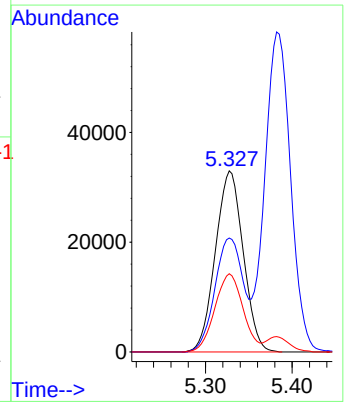
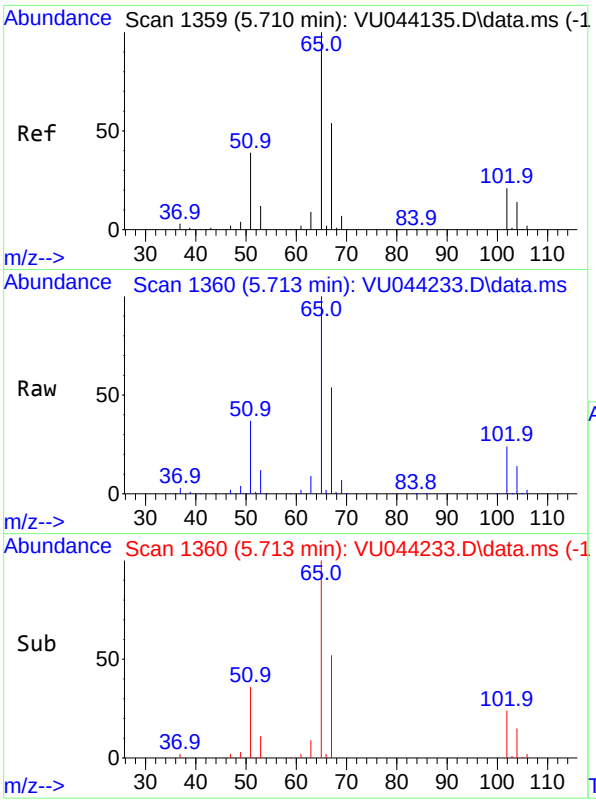


#32
1,1,1-Trichloroethane
Concen: 17.332 ug/l
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 97 Resp: 73714

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.9	76.3
61	43.8	37.0	55.4

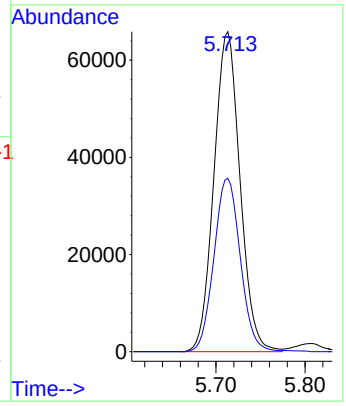




#33
1,2-Dichloroethane-d4
Concen: 42.229 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 65 Resp: 134013

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	106.6



Instrument :
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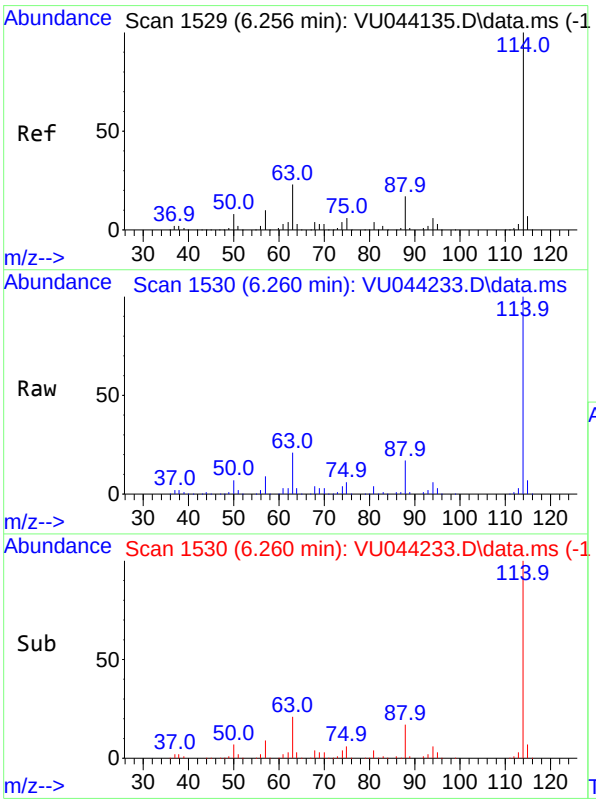
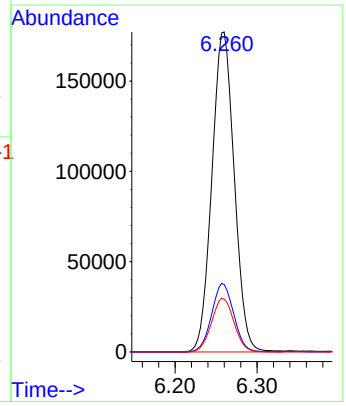
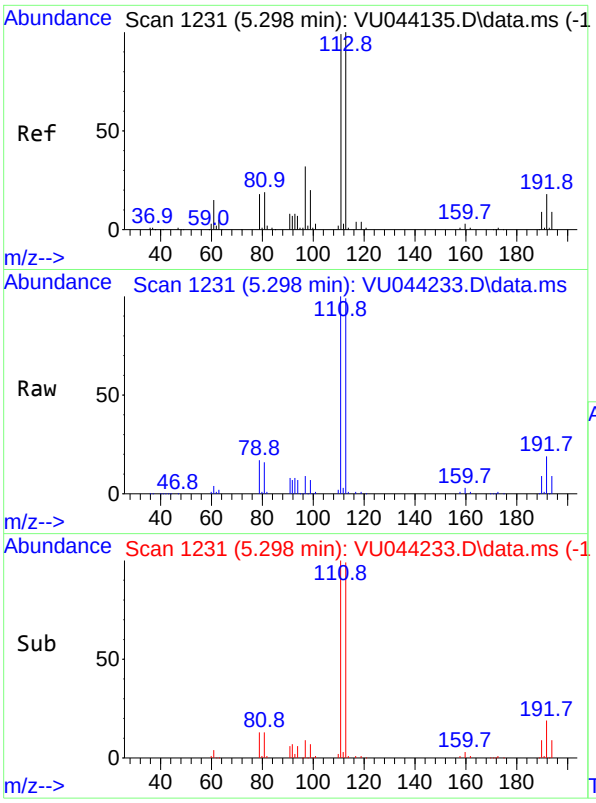


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:114 Resp: 336203

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	45.8
88	16.6	0.0	34.0

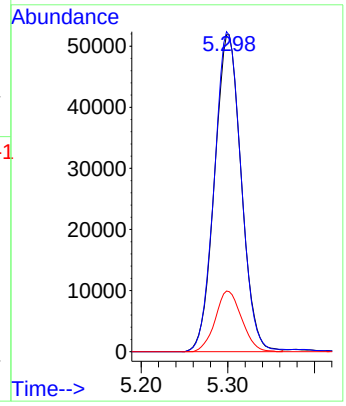




#35
Dibromofluoromethane
Concen: 47.421 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:113 Resp: 110905

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.4
192	18.9	14.3	21.5



Instrument :
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ClientSampleId :
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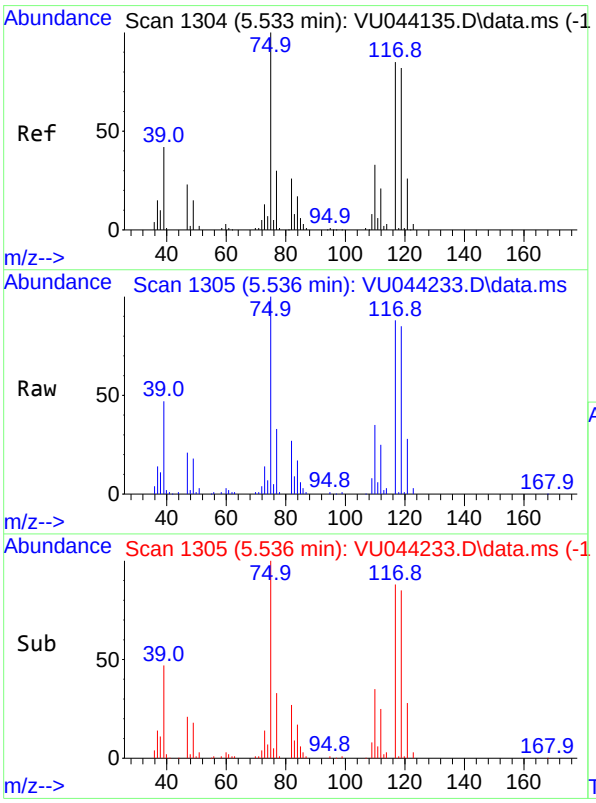
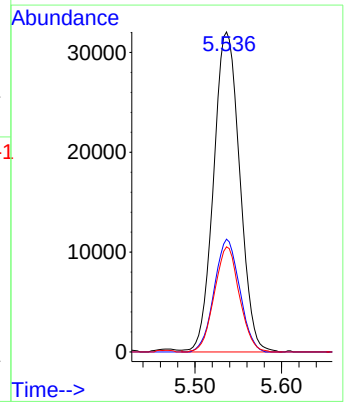
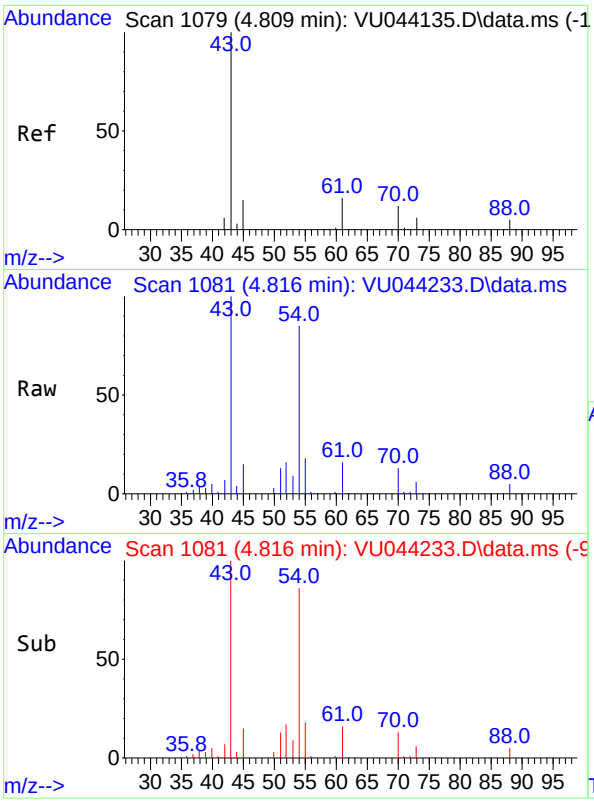


#36
1,1-Dichloropropene
Concen: 17.957 ug/l
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 75 Resp: 67169

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.4	49.4
77	31.6	24.7	37.1

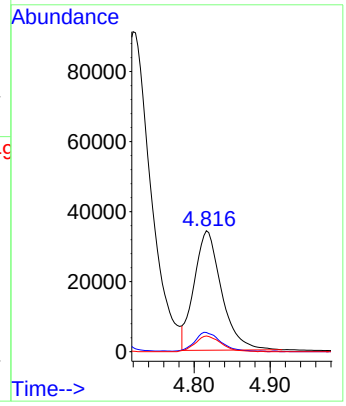




#37
Ethyl Acetate
Concen: 19.041 ug/l
RT: 4.816 min Scan# 1081
Delta R.T. 0.007 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 85285

Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.9	17.9
70	12.4	9.4	14.0



Instrument :
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ClientSampleId :
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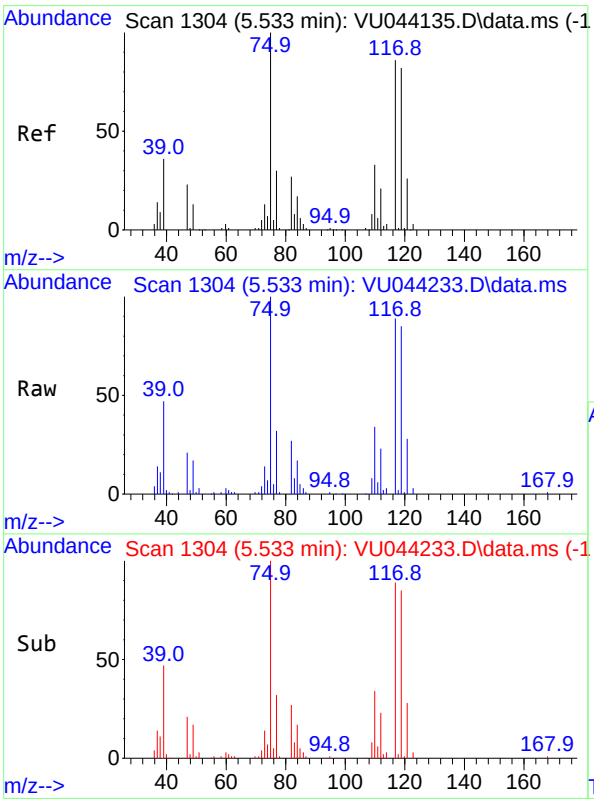
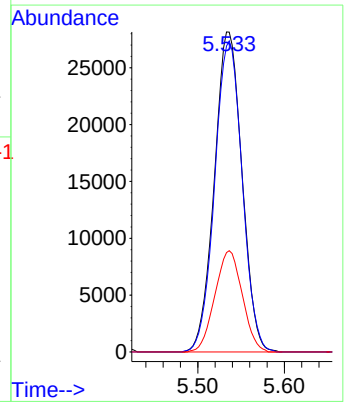
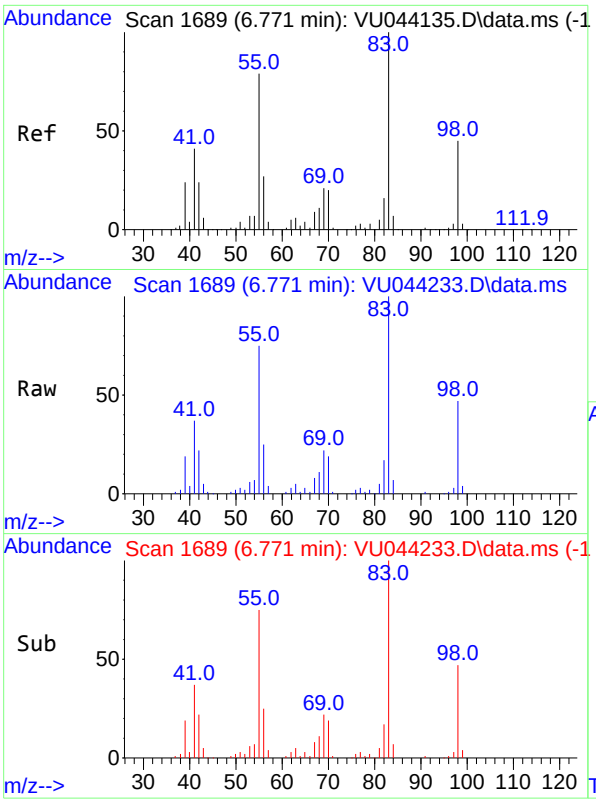


#38
Carbon Tetrachloride
Concen: 18.451 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:117 Resp: 62306

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	114.8
121	31.0	24.6	36.8

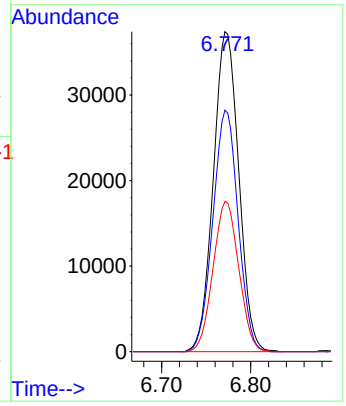




#39
Methylcyclohexane
Concen: 18.577 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 83 Resp: 74123

Ion	Ratio	Lower	Upper
83	100		
55	75.4	63.4	95.2
98	46.9	35.8	53.6



Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations APPROVED
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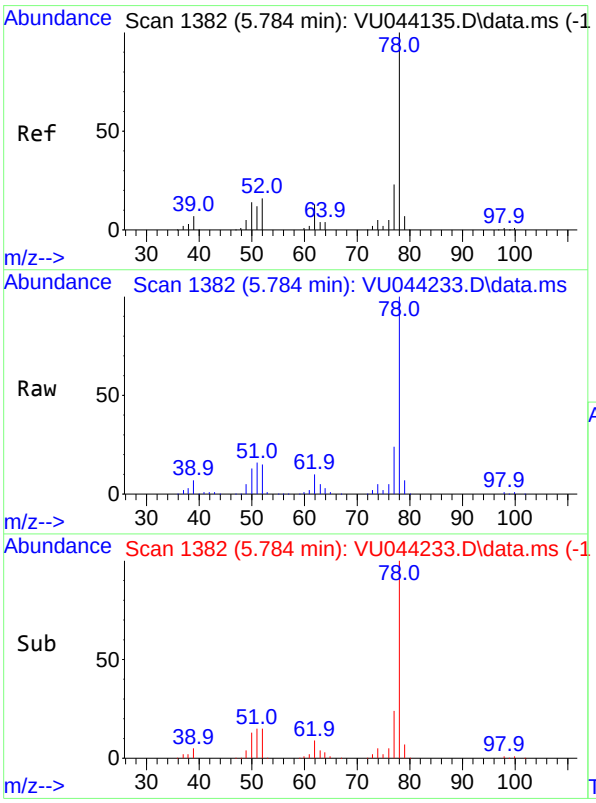
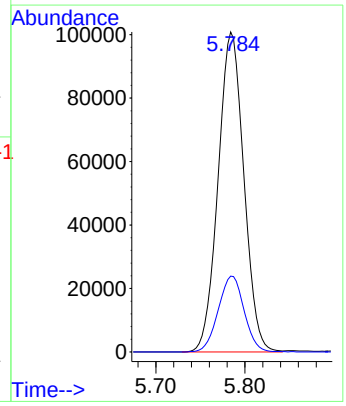
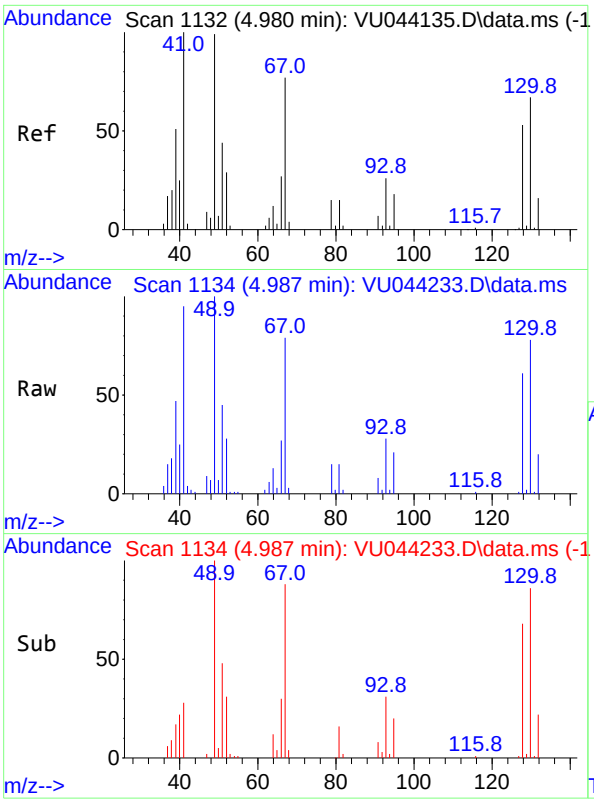


#40
Benzene
Concen: 18.247 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 78 Resp: 202249

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1

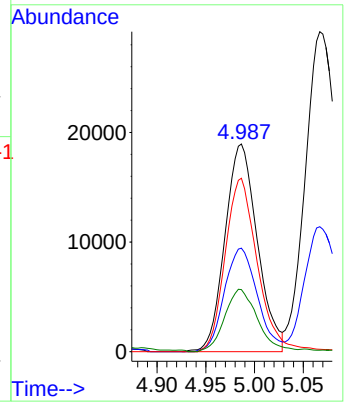




#41
Methacrylonitrile
Concen: 19.085 ug/l
RT: 4.987 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 41 Resp: 43763

Ion	Ratio	Lower	Upper
41	100		
39	50.8	41.4	62.0
67	83.8	62.6	93.8
52	30.5	24.1	36.1



Instrument :
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ClientSampleId :
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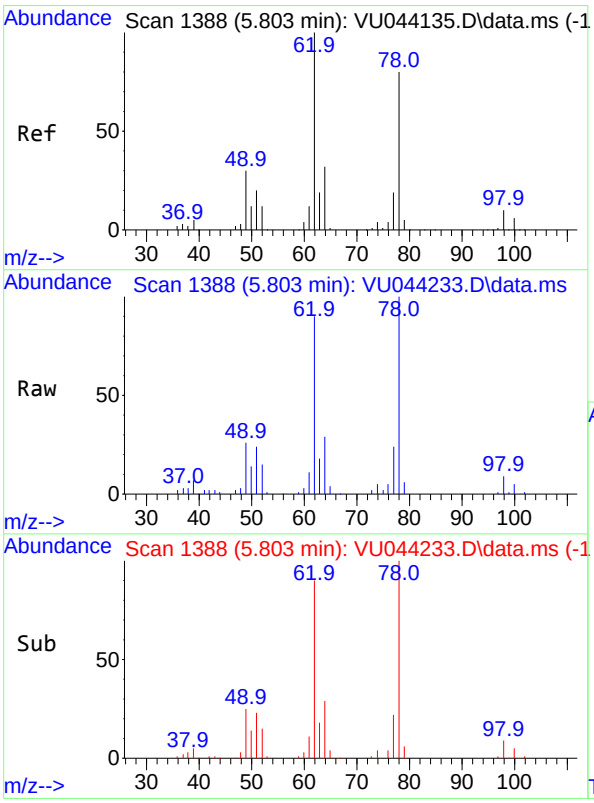
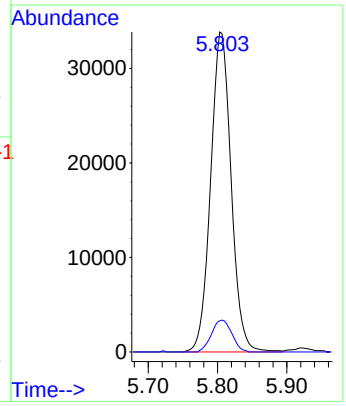
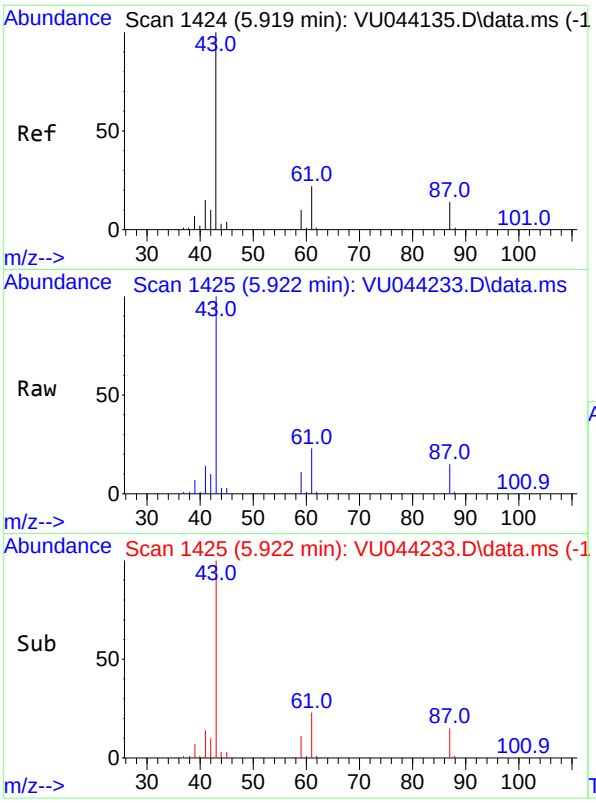


#42
1,2-Dichloroethane
Concen: 17.748 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 62 Resp: 69418

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2

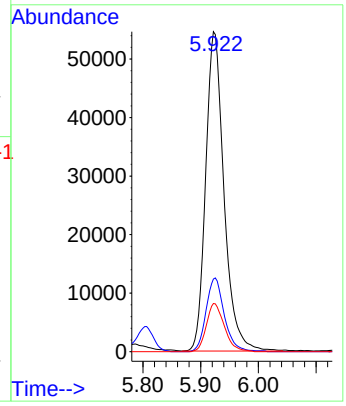




#43
Isopropyl Acetate
Concen: 18.910 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 120176

Ion	Ratio	Lower	Upper
43	100		
61	23.1	17.8	26.8
87	14.9	11.1	16.7



Instrument :
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ClientSampleId :
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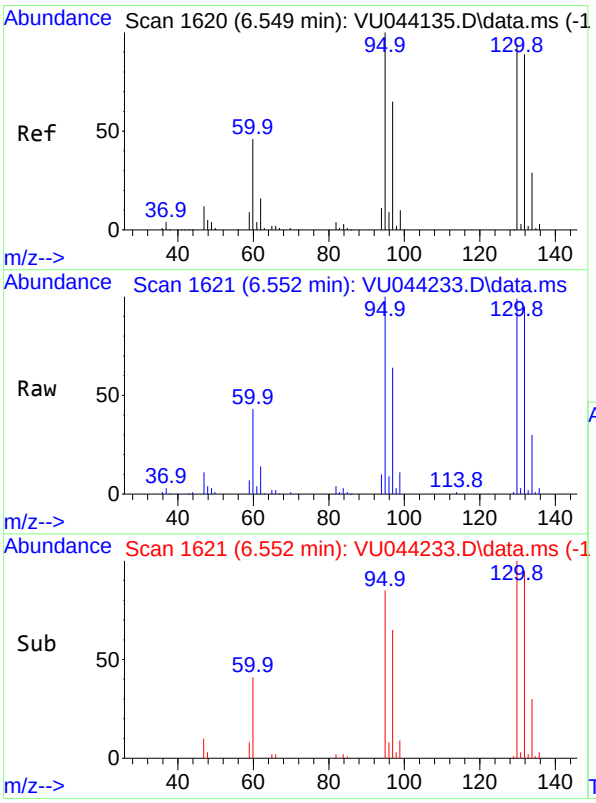
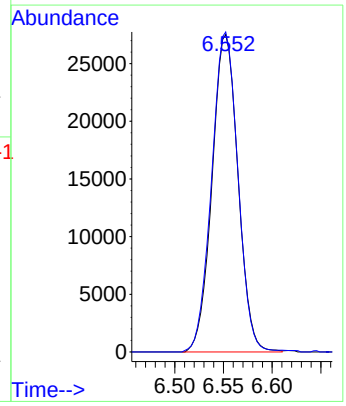
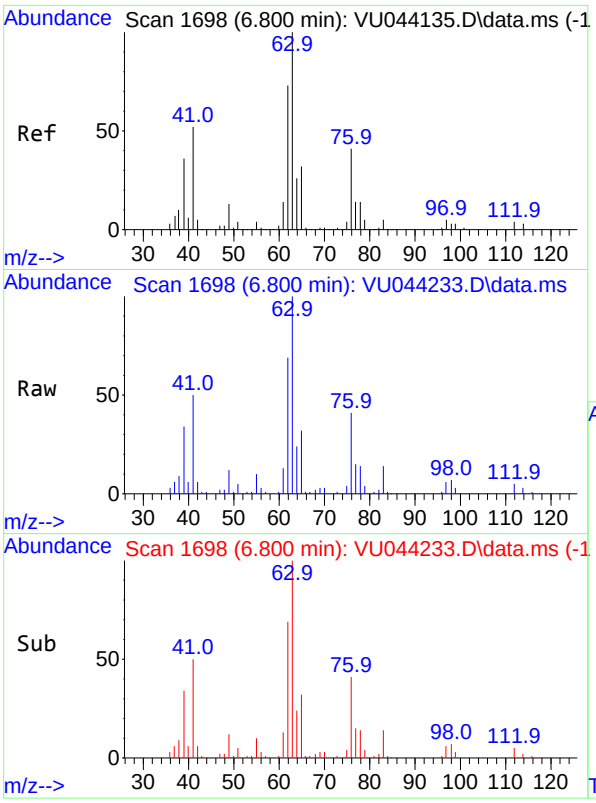


#44
Trichloroethene
Concen: 19.977 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:130 Resp: 51022

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	212.8

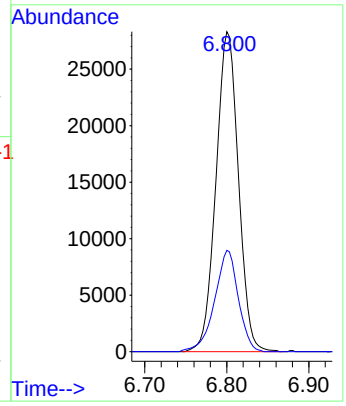




#45
1,2-Dichloropropane
Concen: 17.891 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 63 Resp: 53862

Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.7	38.5



Instrument :
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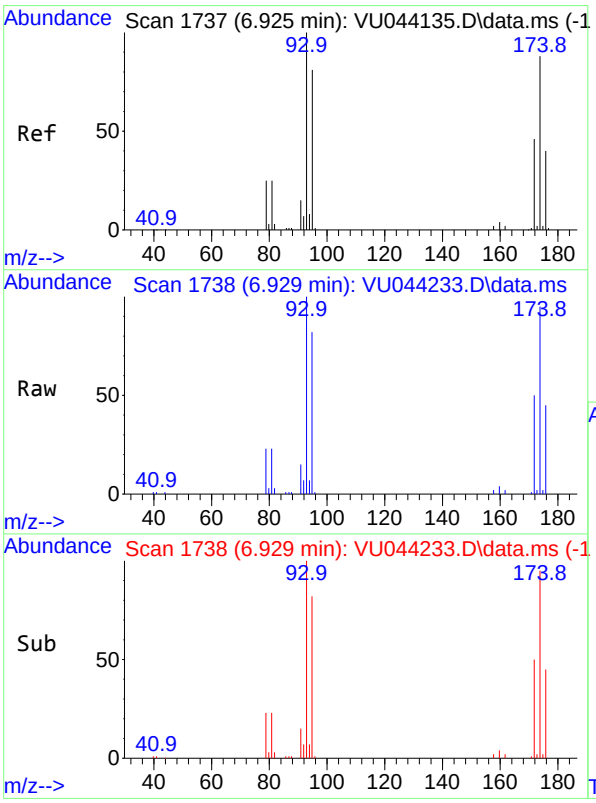
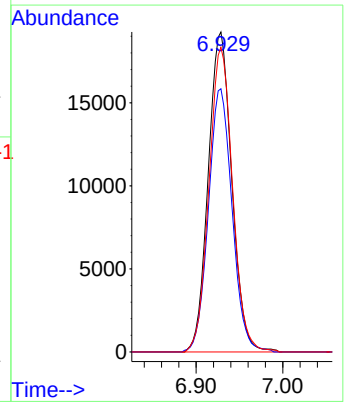
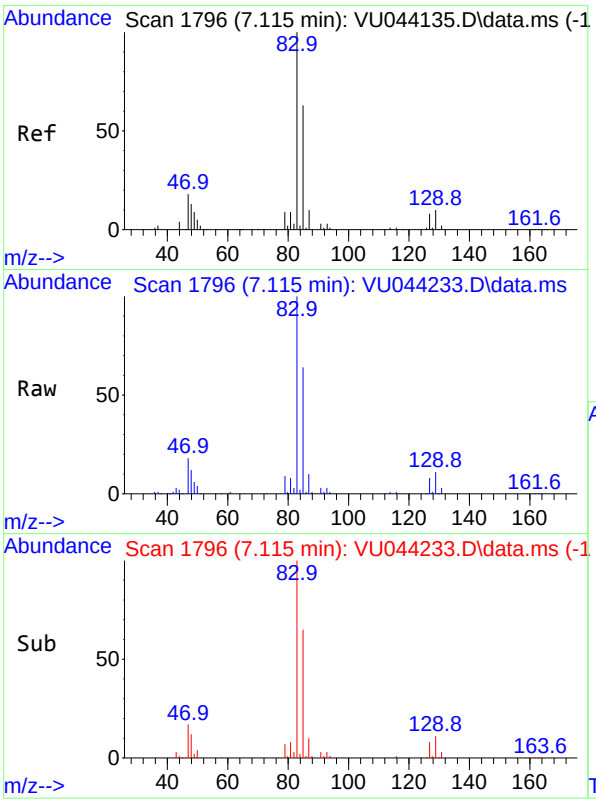


#46
Dibromomethane
Concen: 18.765 ug/l
RT: 6.929 min Scan# 1738
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 93 Resp: 36417

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.1	97.7
174	95.4	71.2	106.8

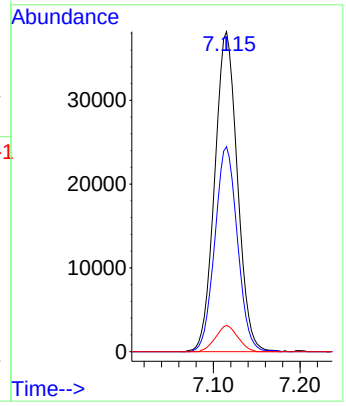




#47
Bromodichloromethane
Concen: 18.216 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 83 Resp: 69556

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.2
127	8.2	6.2	9.4



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

Manual Integrations APPROVED
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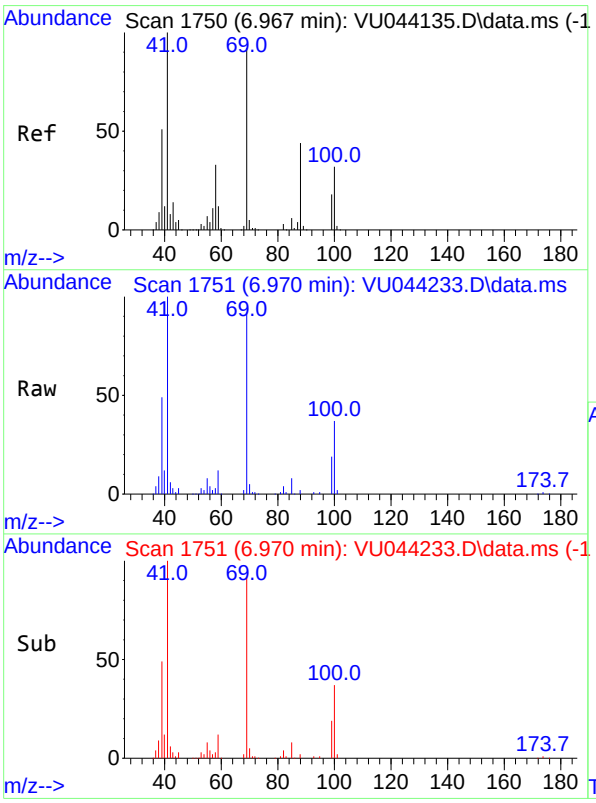
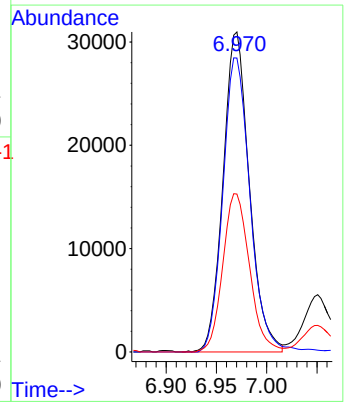
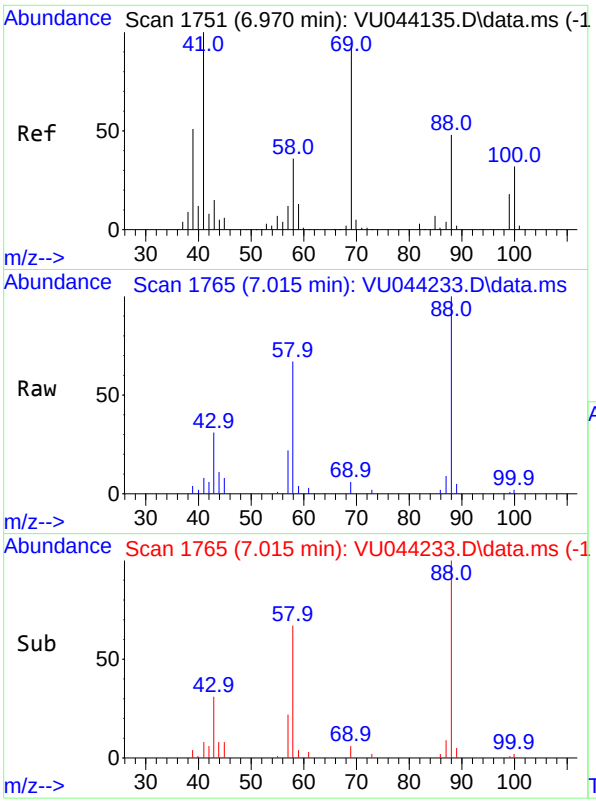


#48
Methyl methacrylate
Concen: 18.230 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 41 Resp: 56377

Ion	Ratio	Lower	Upper
41	100		
69	95.0	74.0	111.0
39	50.4	41.5	62.3

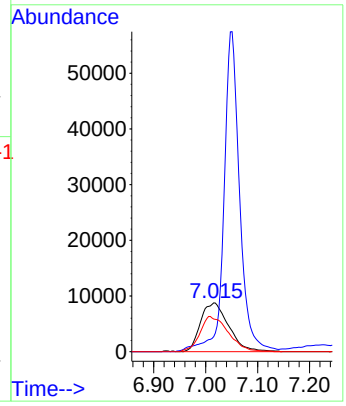




#49
1,4-Dioxane
Concen: 408.657 ug/l
RT: 7.015 min Scan# 1765
Delta R.T. 0.045 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 88 Resp: 33056

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	72.4	58.1	87.1



Instrument :
MSVOA_U
ClientSampleId :
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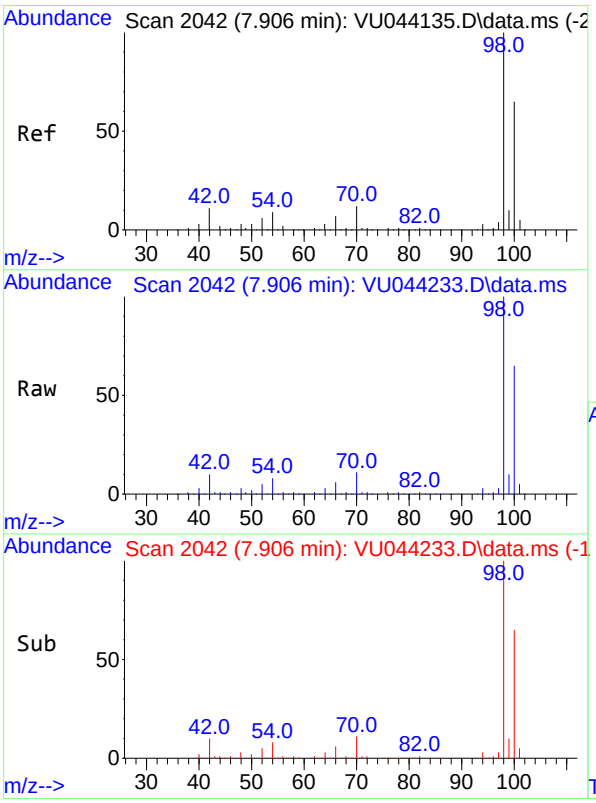
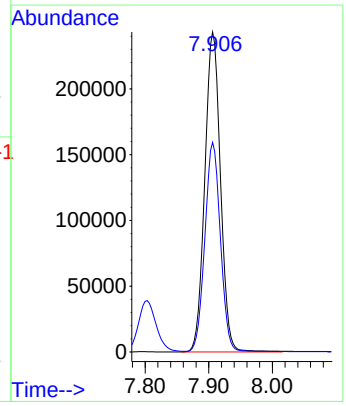
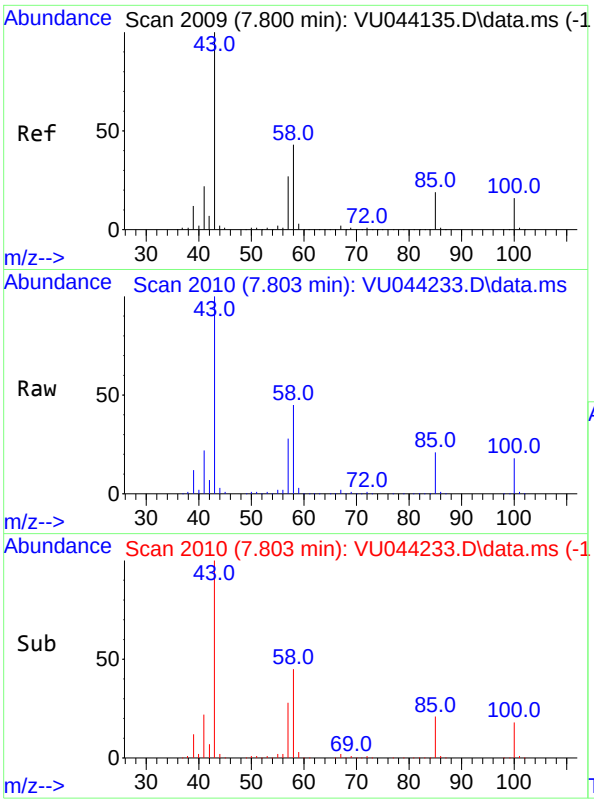


#50
Toluene-d8
Concen: 46.401 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 98 Resp: 416763

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4

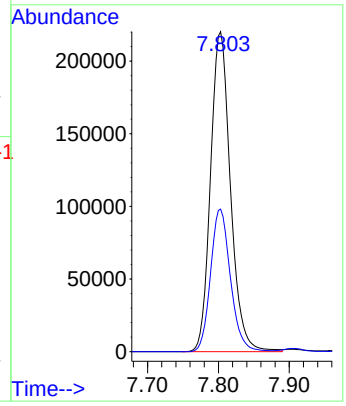




#51
4-Methyl-2-Pentanone
Concen: 93.478 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 429968

Ion	Ratio	Lower	Upper
43	100		
58	44.5	34.5	51.7



Instrument :
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ClientSampleId :
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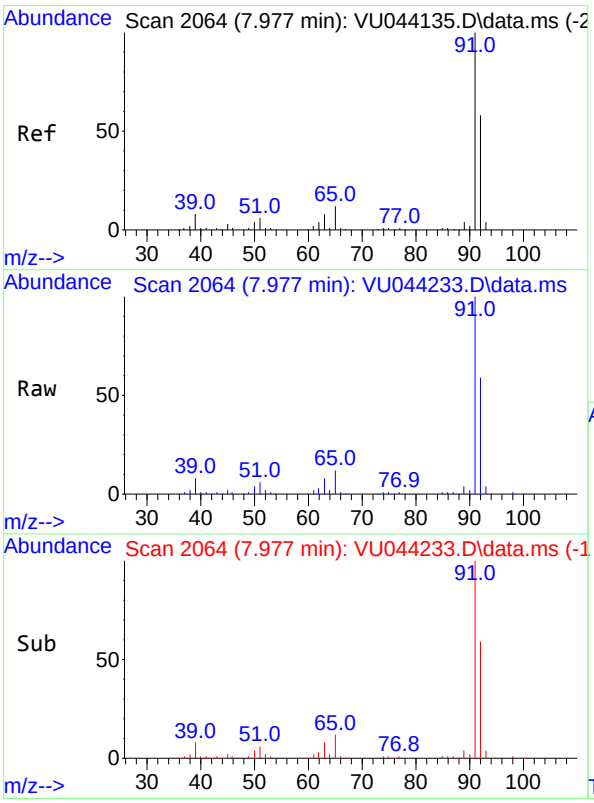
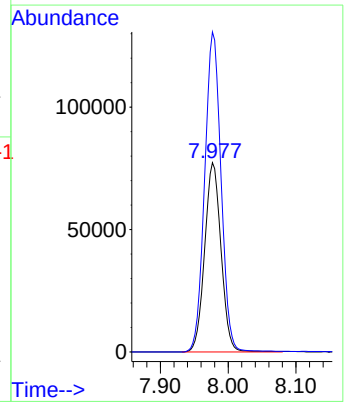
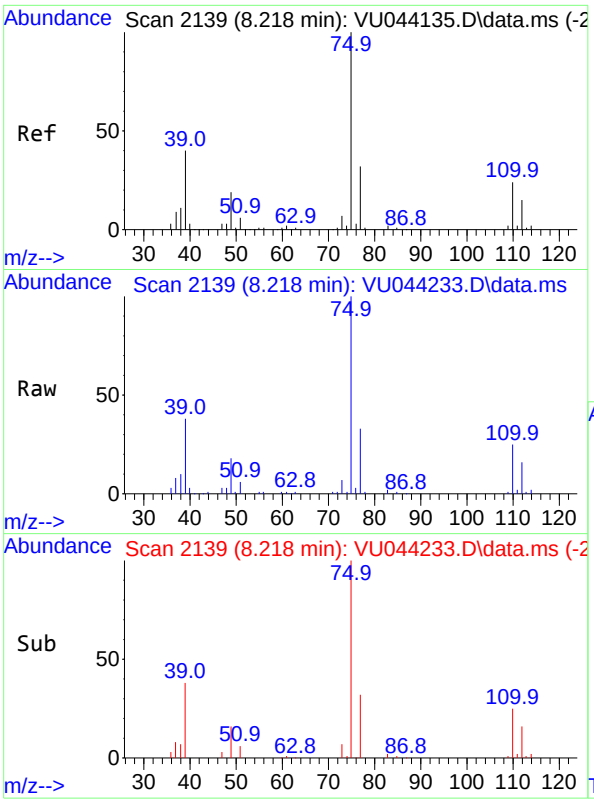


#52
Toluene
Concen: 19.738 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 92 Resp: 129678

Ion	Ratio	Lower	Upper
92	100		
91	168.7	136.2	204.4

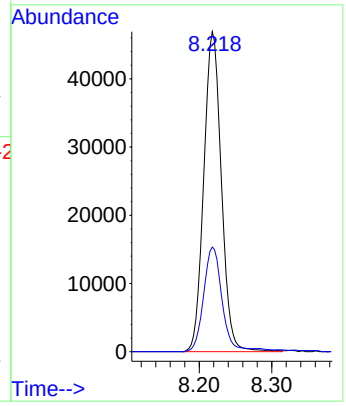




#53
t-1,3-Dichloropropene
Concen: 18.906 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 75 Resp: 78989

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3



Instrument :
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ClientSampleId :
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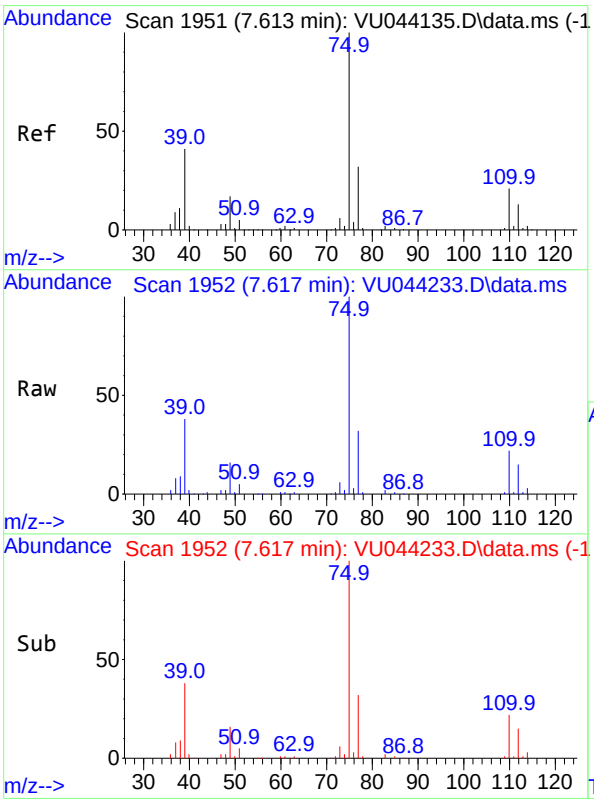
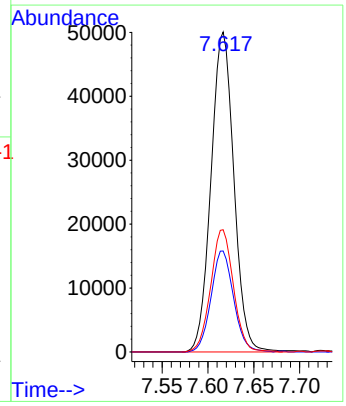
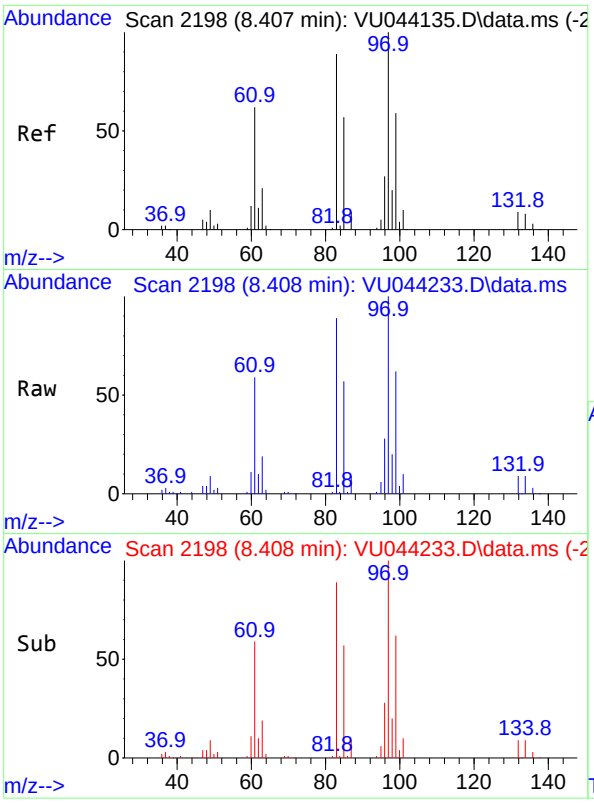


#54
cis-1,3-Dichloropropene
Concen: 19.270 ug/l
RT: 7.617 min Scan# 1952
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 75 Resp: 86869

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.9	38.9
39	38.2	33.2	49.8

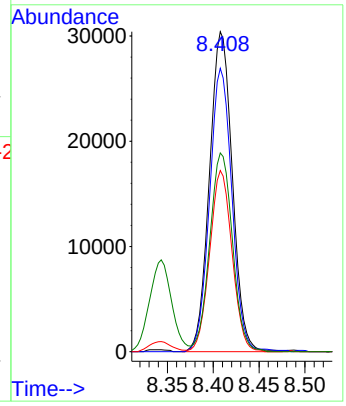




#55
1,1,2-Trichloroethane
Concen: 19.102 ug/l
RT: 8.408 min Scan# 2198
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 97 Resp: 52710

Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.8	106.2
85	56.6	46.0	69.0
99	62.1	50.2	75.2



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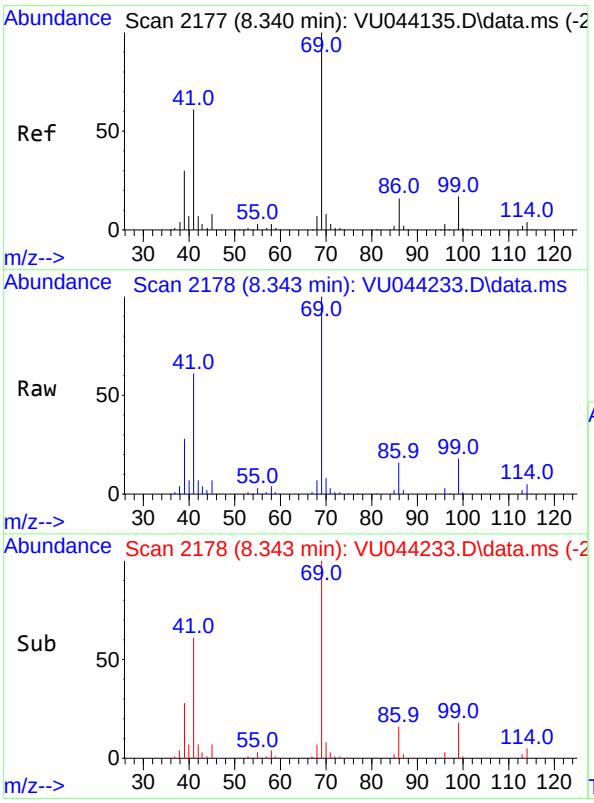
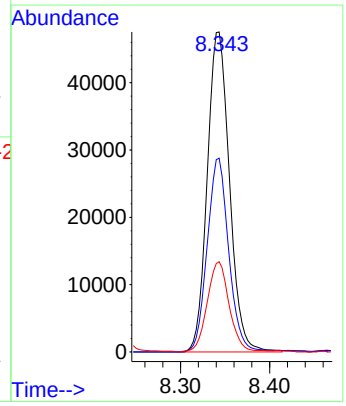
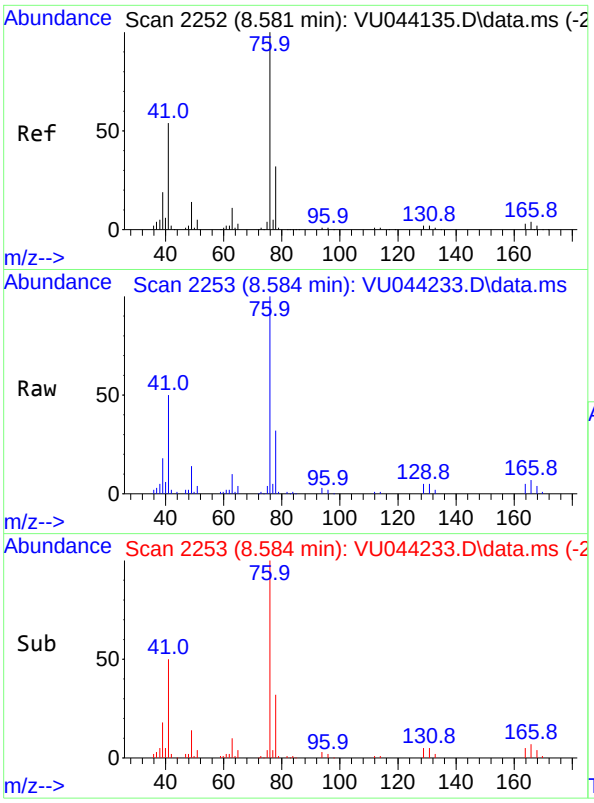


#56
Ethyl methacrylate
Concen: 19.522 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 69 Resp: 82286

Ion	Ratio	Lower	Upper
69	100		
41	58.8	48.4	72.6
39	28.0	23.6	35.4

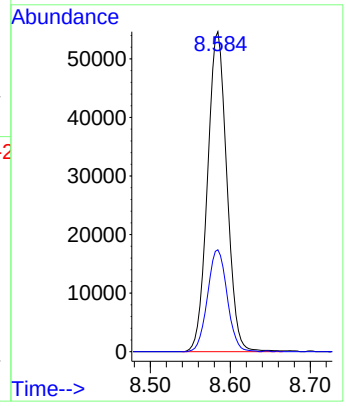




#57
1,3-Dichloropropane
Concen: 18.781 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 76 Resp: 91947

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9



Instrument :
MSVOA_U
ClientSampleId :
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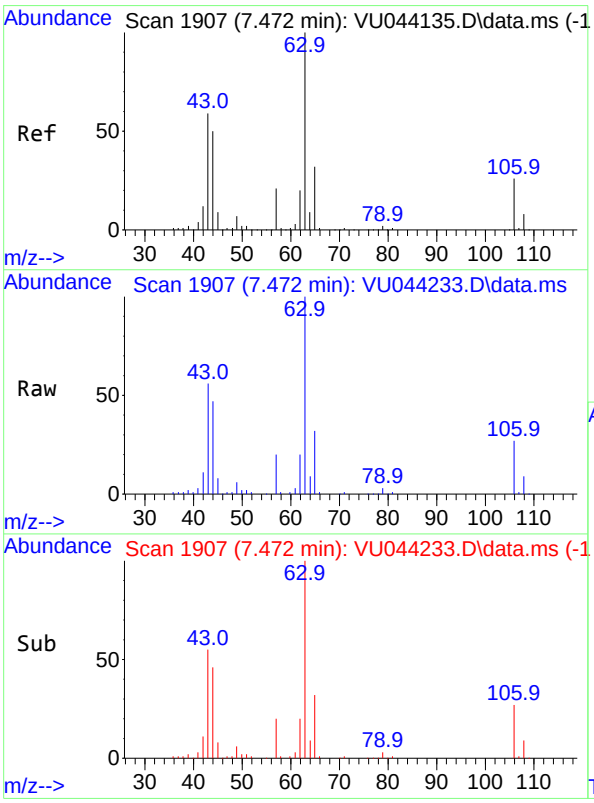
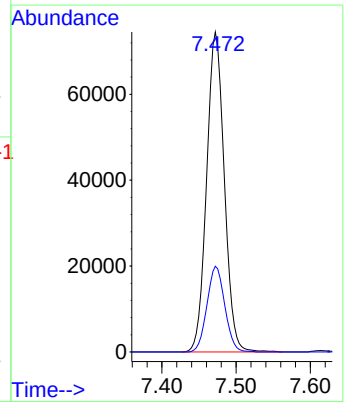
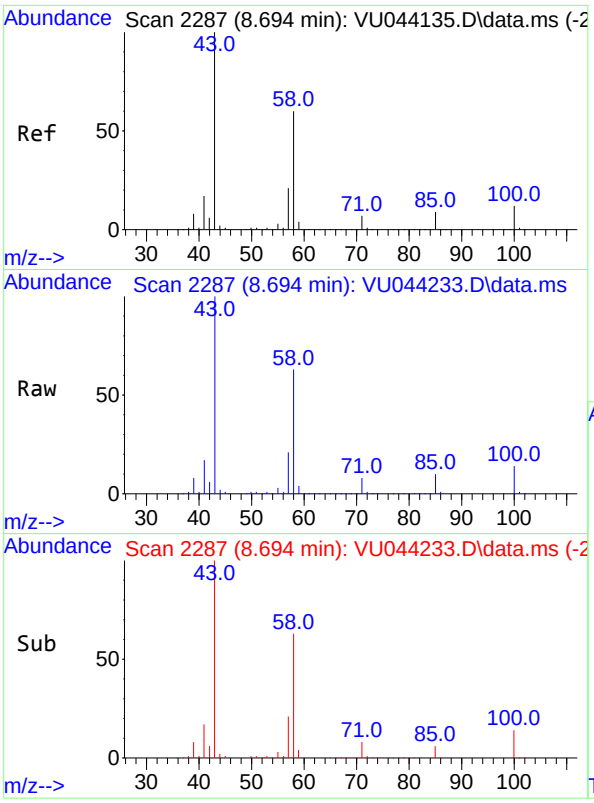


#58
2-Chloroethyl Vinyl ether
Concen: 93.538 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 63 Resp: 123195

Ion	Ratio	Lower	Upper
63	100		
106	26.9	20.6	30.8

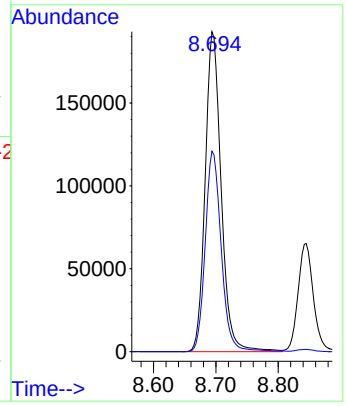




#59
2-Hexanone
Concen: 93.677 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 343871

Ion	Ratio	Lower	Upper
43	100		
58	62.6	30.0	90.1



Instrument :
MSVOA_U
ClientSampleId :
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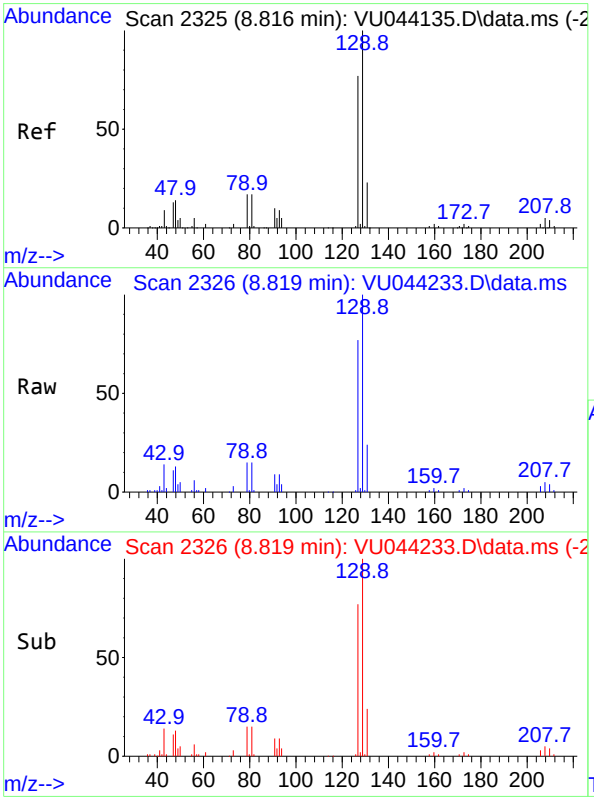
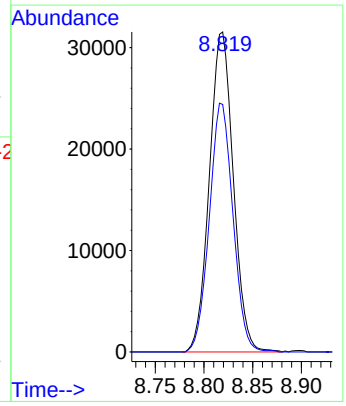
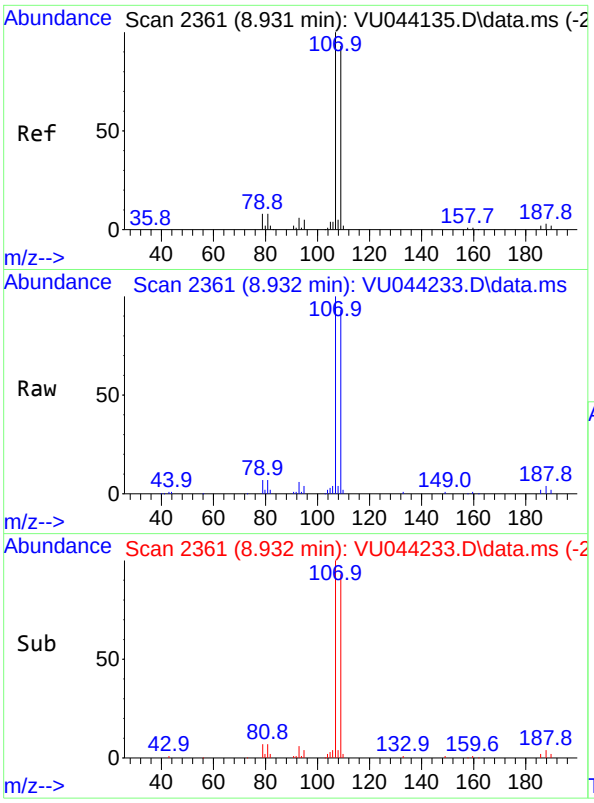


#60
Dibromochloromethane
Concen: 19.649 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:129 Resp: 53920

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.6	115.7

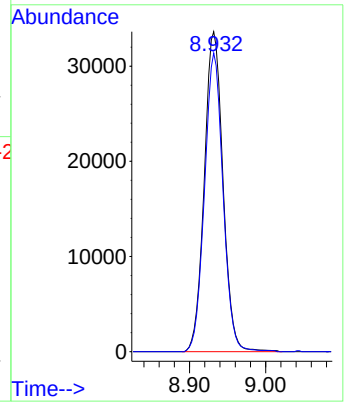




#61
1,2-Dibromoethane
Concen: 19.769 ug/l
RT: 8.932 min Scan# 2361
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:107 Resp: 57376

Ion	Ratio	Lower	Upper
107	100		
109	92.1	75.0	112.6



Instrument :
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ClientSampleId :
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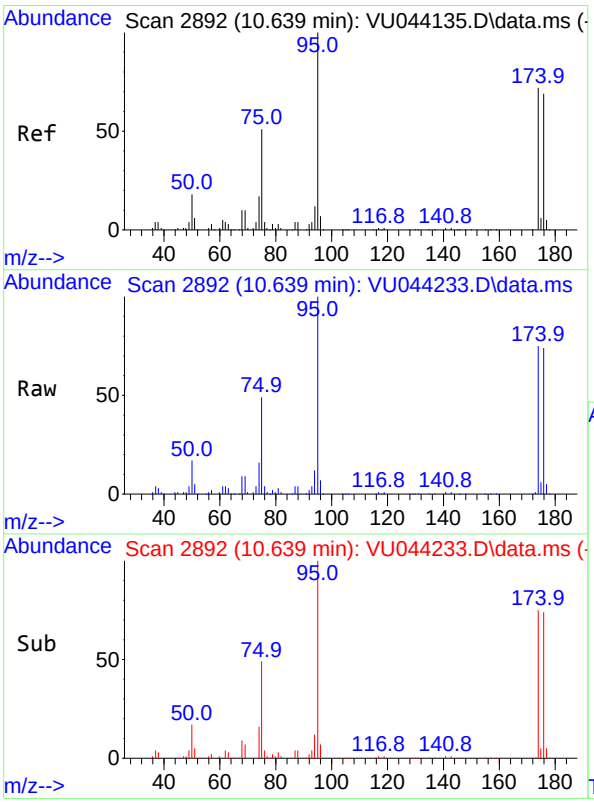
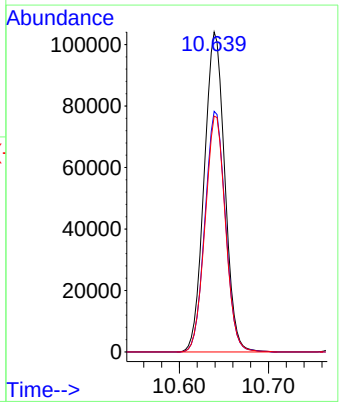
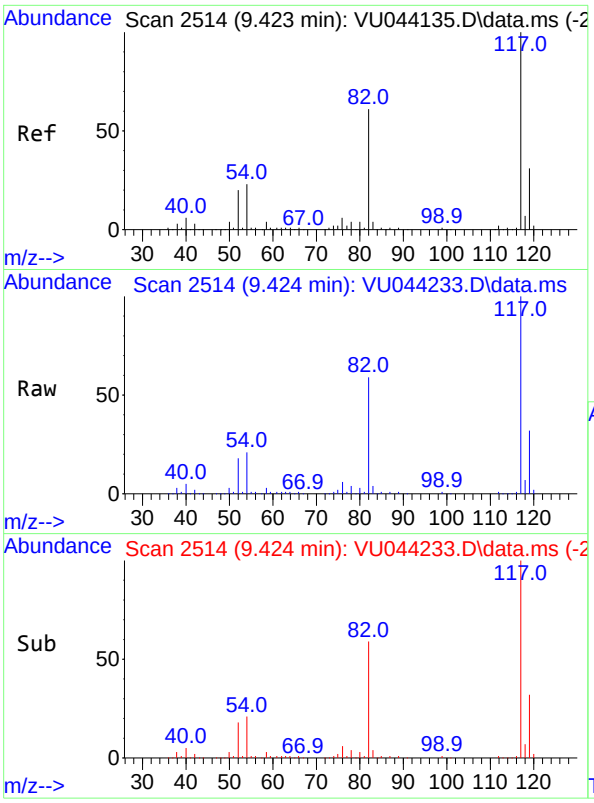


#62
4-Bromofluorobenzene
Concen: 46.279 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 95 Resp: 166581

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	144.4
176	73.2	0.0	138.0

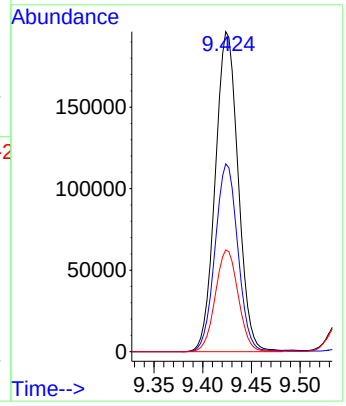




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:117 Resp: 320585

Ion	Ratio	Lower	Upper
117	100		
82	58.7	48.8	73.2
119	31.8	25.0	37.6



Instrument :
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ClientSampleId :
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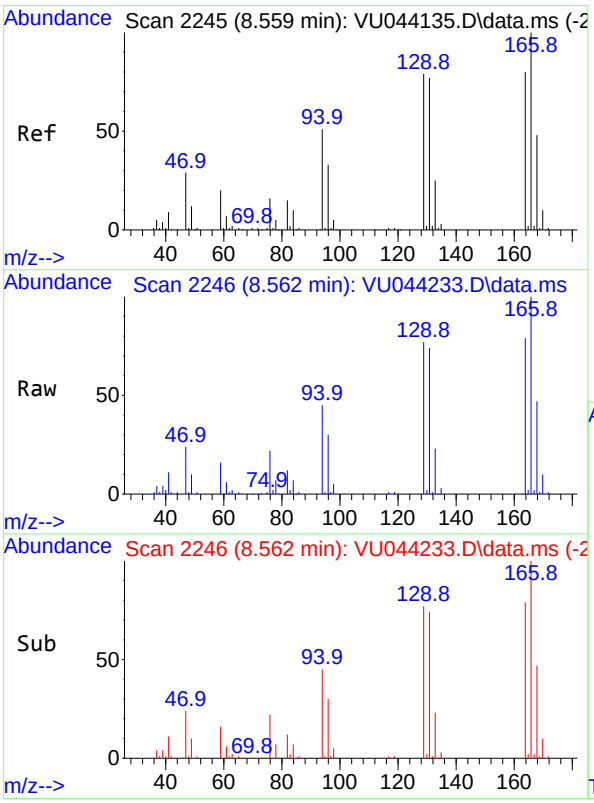
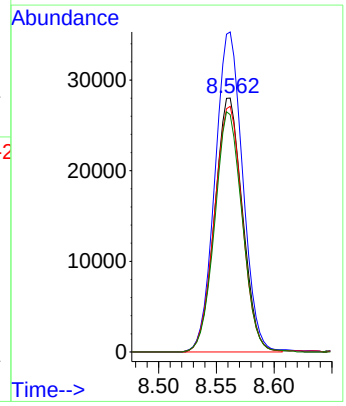
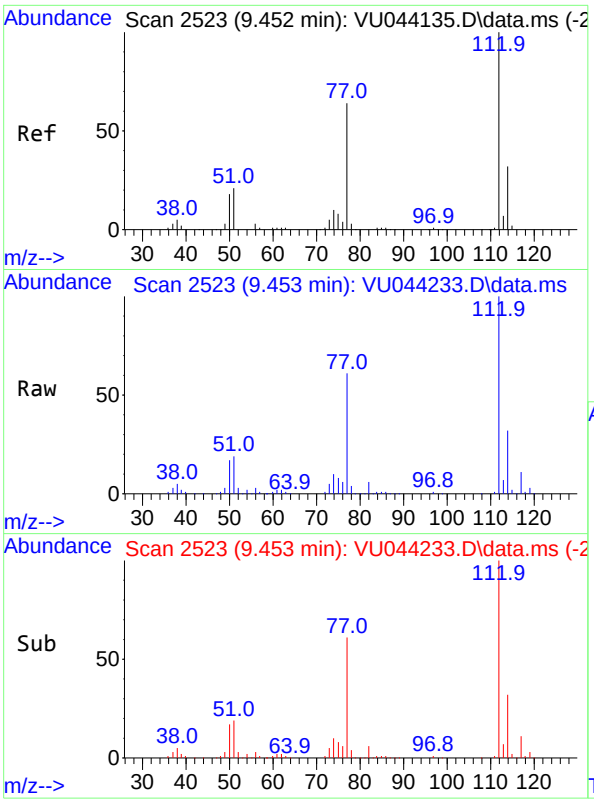


#64
Tetrachloroethene
Concen: 21.253 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:164 Resp: 46838

Ion	Ratio	Lower	Upper
164	100		
166	126.0	100.5	150.7
129	96.8	79.0	118.6
131	93.5	77.7	116.5

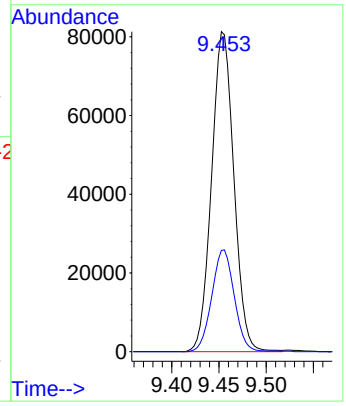




#65
Chlorobenzene
Concen: 19.457 ug/l
RT: 9.453 min Scan# 2523
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:112 Resp: 133382

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.9	38.9



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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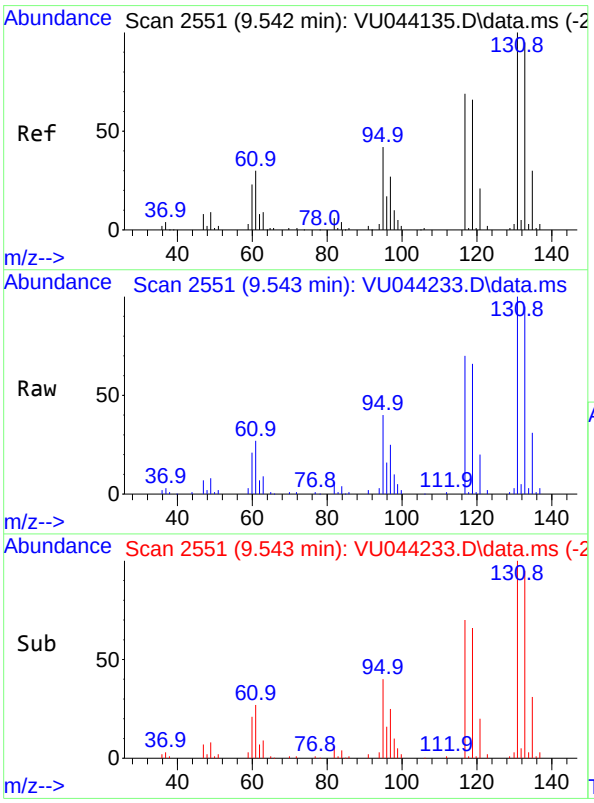
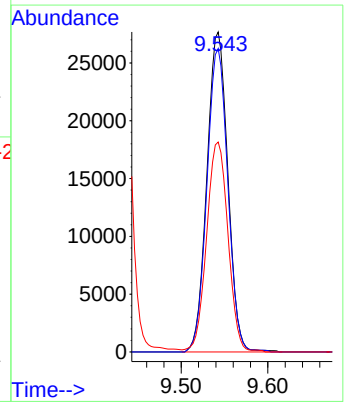
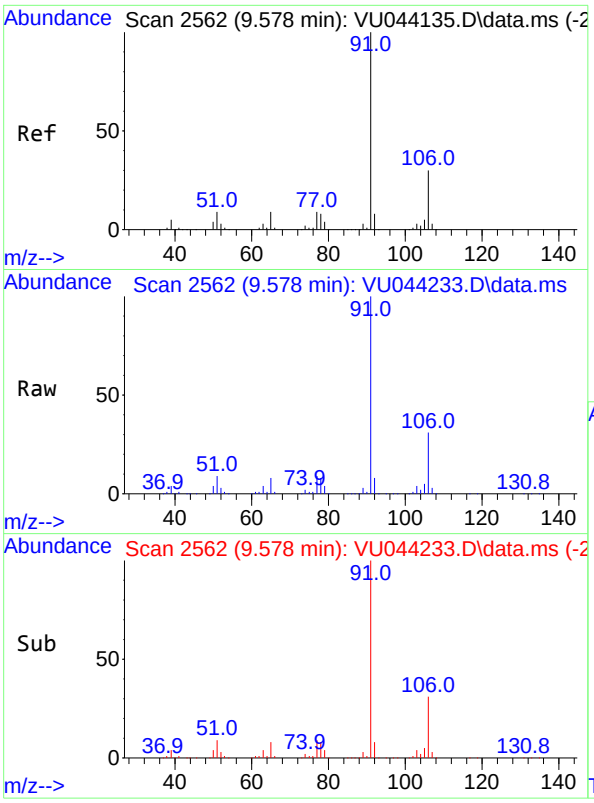


#66
1,1,1,2-Tetrachloroethane
Concen: 19.414 ug/l
RT: 9.543 min Scan# 2551
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:131 Resp: 46482

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	141.9
119	67.2	33.2	99.6

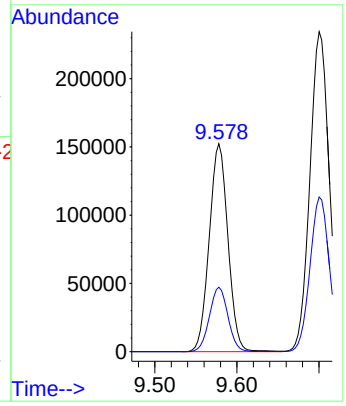




#67
Ethyl Benzene
Concen: 19.574 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 91 Resp: 241032

Ion	Ratio	Lower	Upper
91	100		
106	31.0	23.9	35.9



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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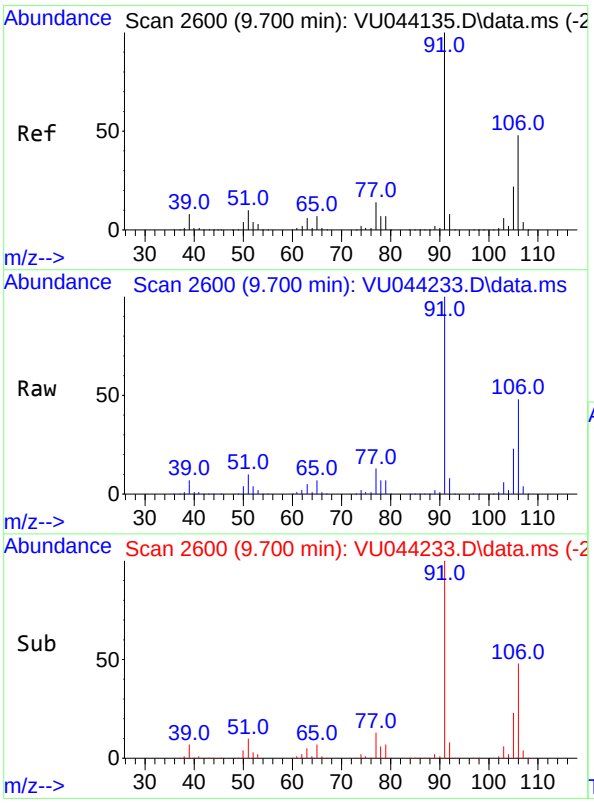
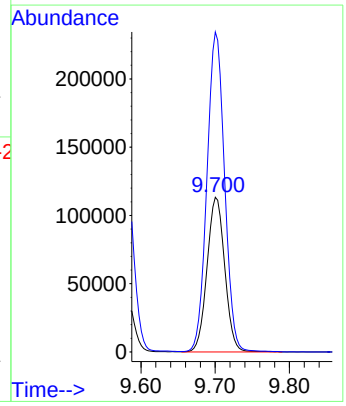
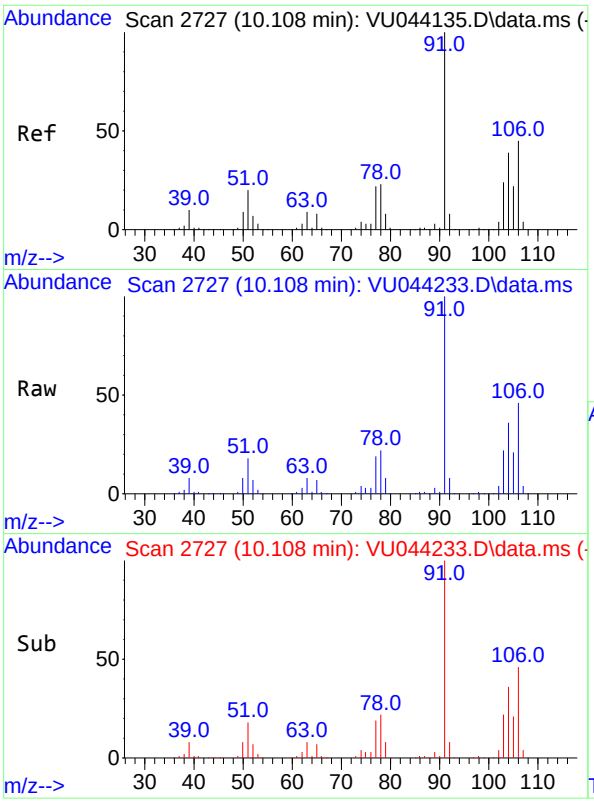


#68
m/p-Xylenes
Concen: 40.764 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:106 Resp: 187474

Ion	Ratio	Lower	Upper
106	100		
91	205.9	167.4	251.2

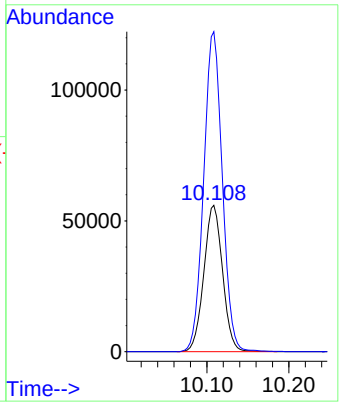




#69
o-Xylene
Concen: 20.349 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:106 Resp: 88736

Ion	Ratio	Lower	Upper
106	100		
91	217.3	111.8	335.3



Instrument :
MSVOA_U
ClientSampleId :
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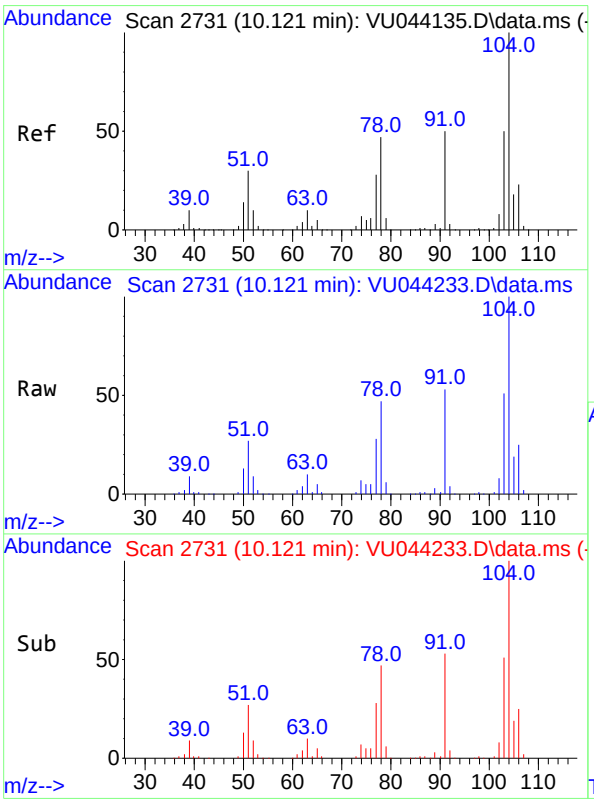
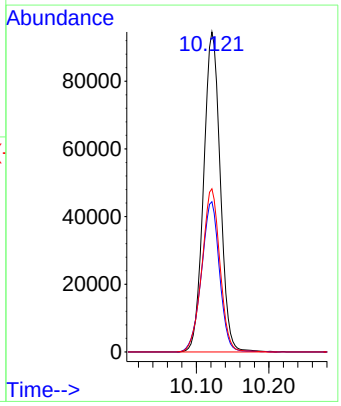
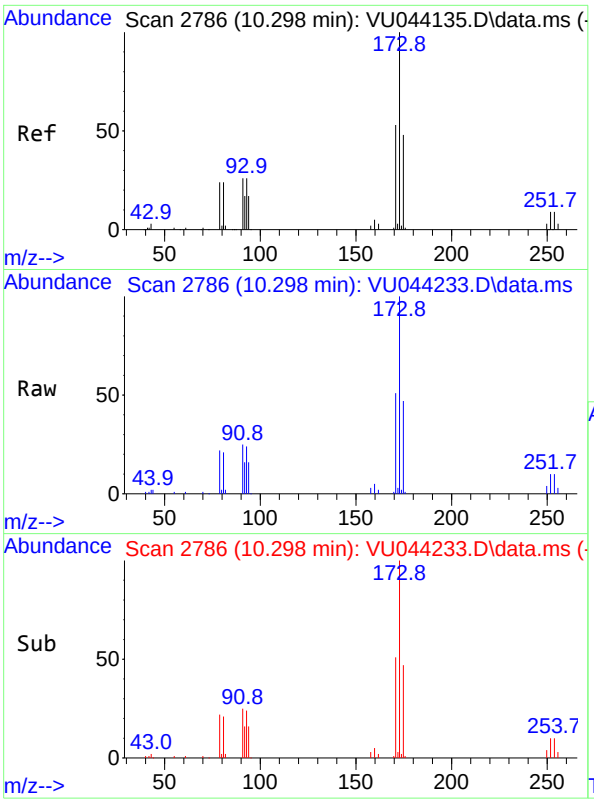


#70
Styrene
Concen: 19.893 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:104 Resp: 151086

Ion	Ratio	Lower	Upper
104	100		
78	50.8	41.1	61.7
103	55.0	43.4	65.2

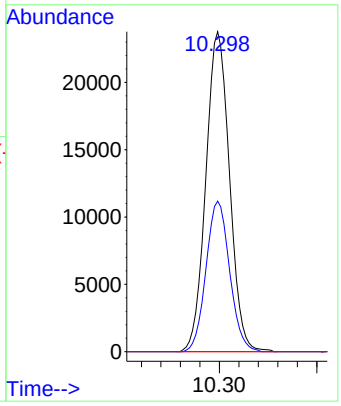




#71
Bromoform
Concen: 19.653 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:173 Resp: 40044

Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.1	72.3
254	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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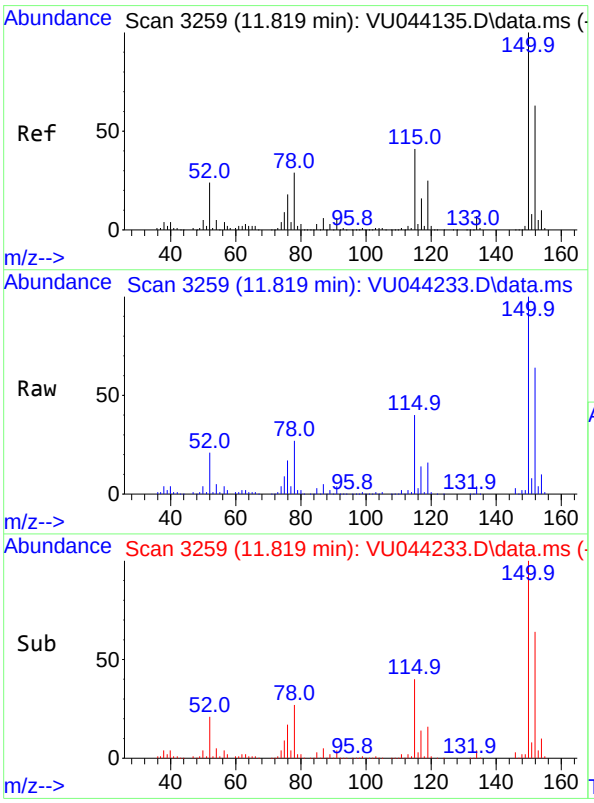
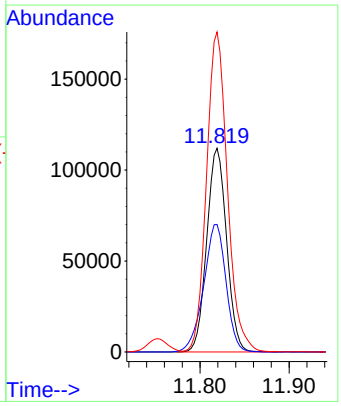
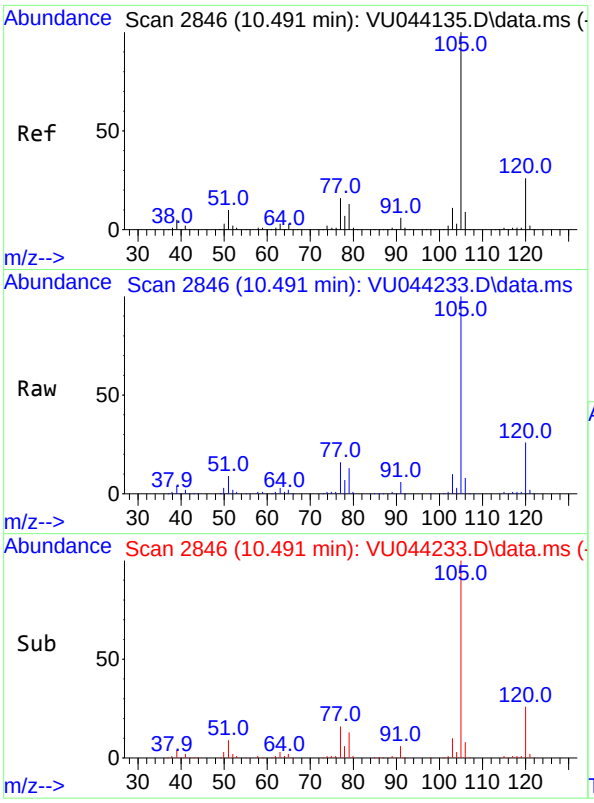


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:152 Resp: 173528

Ion	Ratio	Lower	Upper
152	100		
115	70.6	43.8	131.3
150	164.9	0.0	350.6

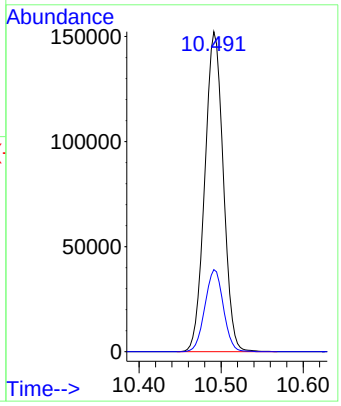




#73
Isopropylbenzene
Concen: 20.487 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:105 Resp: 238066

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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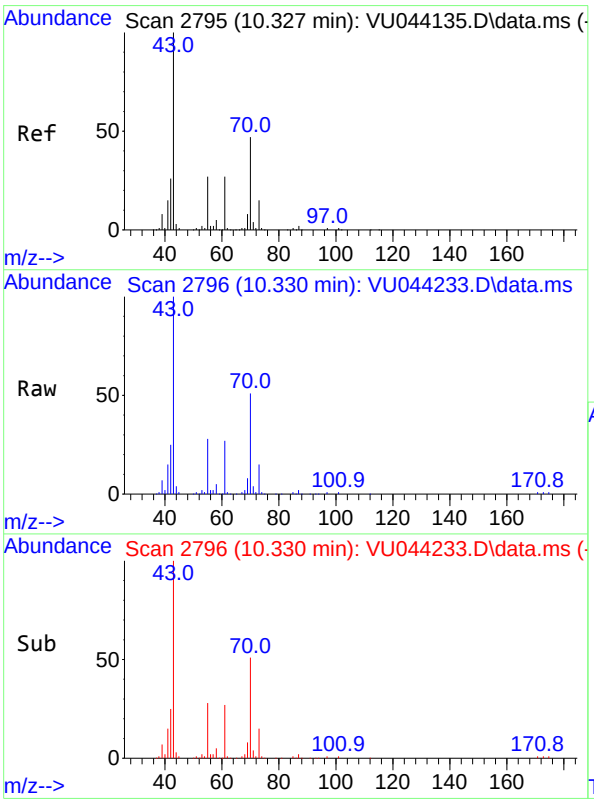
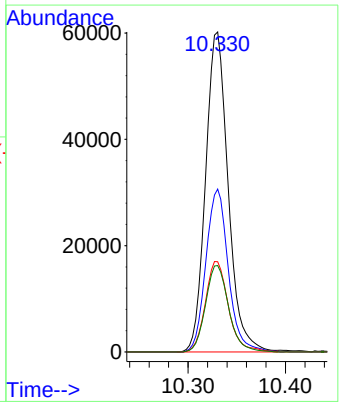
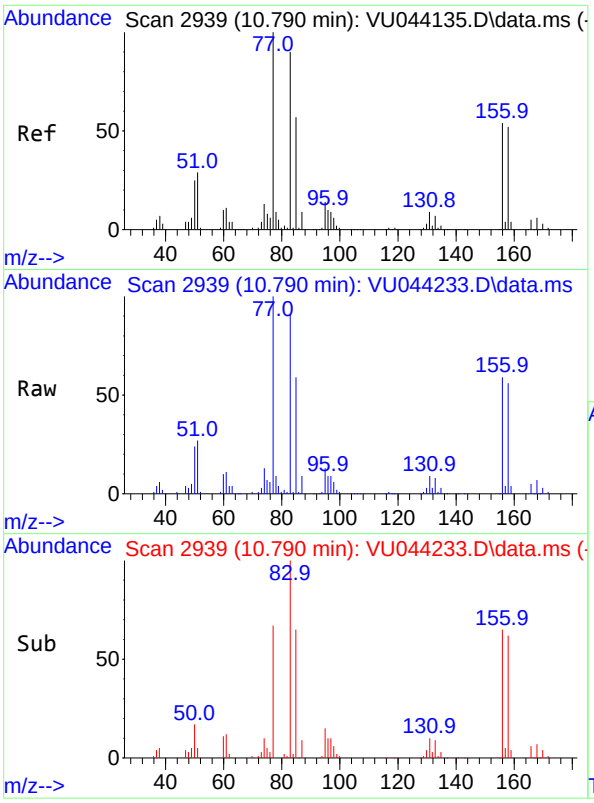


#74
N-amyl acetate
Concen: 18.617 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 43 Resp: 97154

Ion	Ratio	Lower	Upper
43	100		
70	50.6	37.7	56.5
55	28.8	22.4	33.6
61	27.6	21.5	32.3

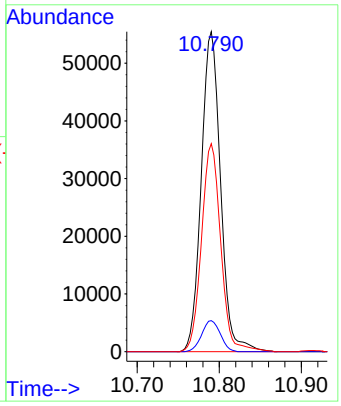




#75
1,1,2,2-Tetrachloroethane
Concen: 17.910 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 83 Resp: 90597

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.4
85	64.8	31.9	95.9



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

Manual Integrations APPROVED
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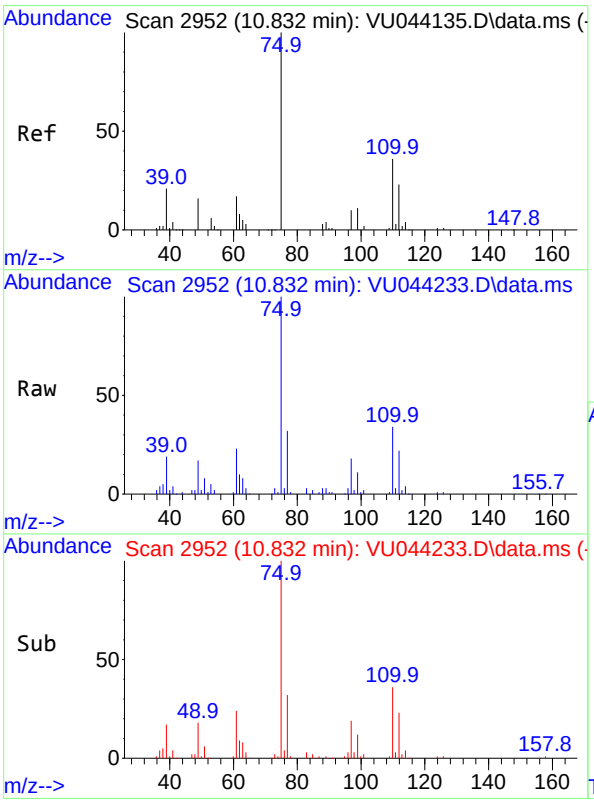
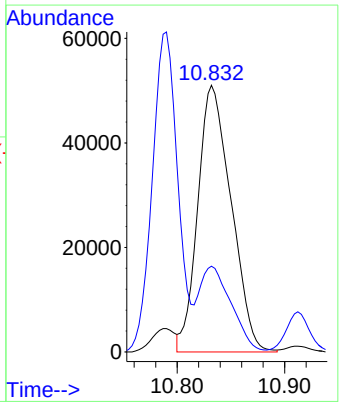
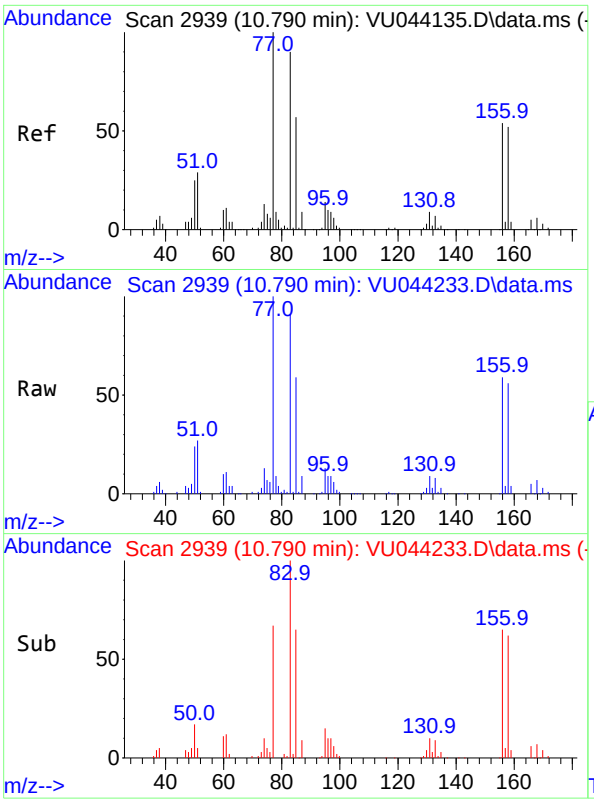


#76
1,2,3-Trichloropropane
Concen: 18.899 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 75 Resp: 109955

Ion	Ratio	Lower	Upper
75	100		
77	30.3	14.9	44.5

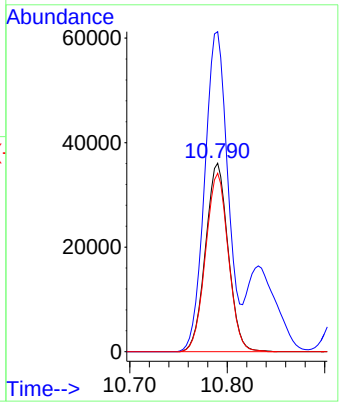




#77
Bromobenzene
Concen: 19.931 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:156 Resp: 58224

Ion	Ratio	Lower	Upper
156	100		
77	175.2	93.2	279.5
158	95.2	48.4	145.0



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

Manual Integrations APPROVED
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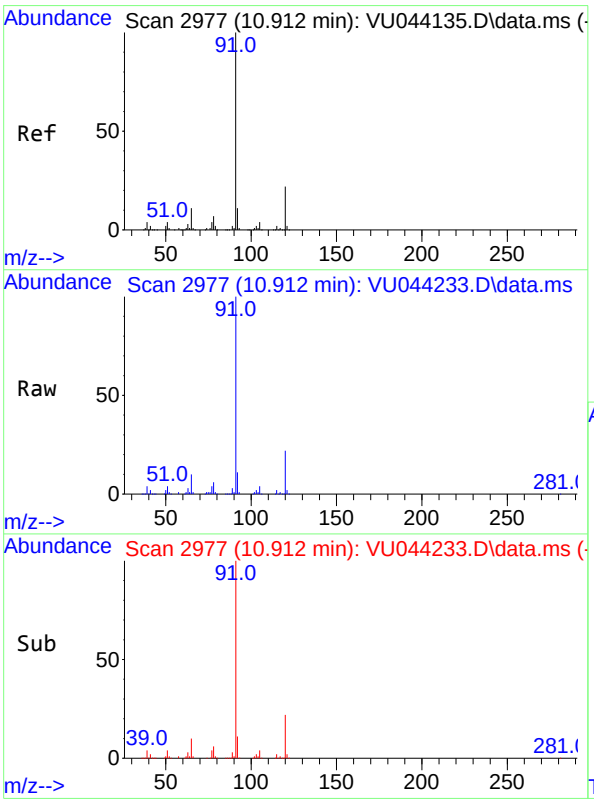
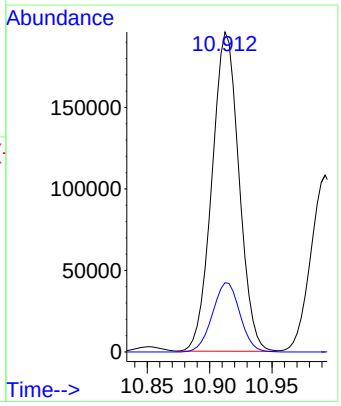
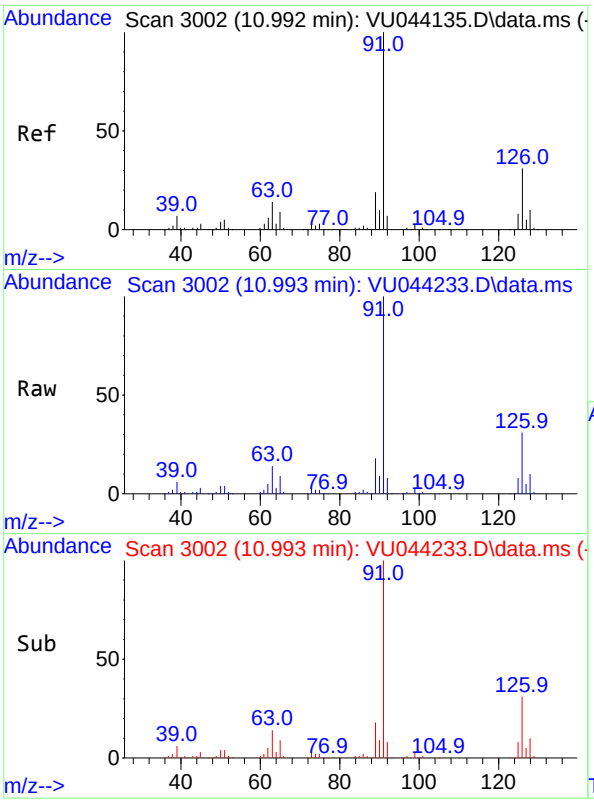


#78
n-propylbenzene
Concen: 19.514 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 91 Resp: 295109

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4

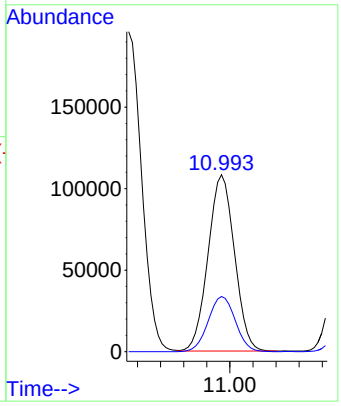




#79
2-Chlorotoluene
Concen: 19.162 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 91 Resp: 171686

Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.4



Instrument :
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ClientSampleId :
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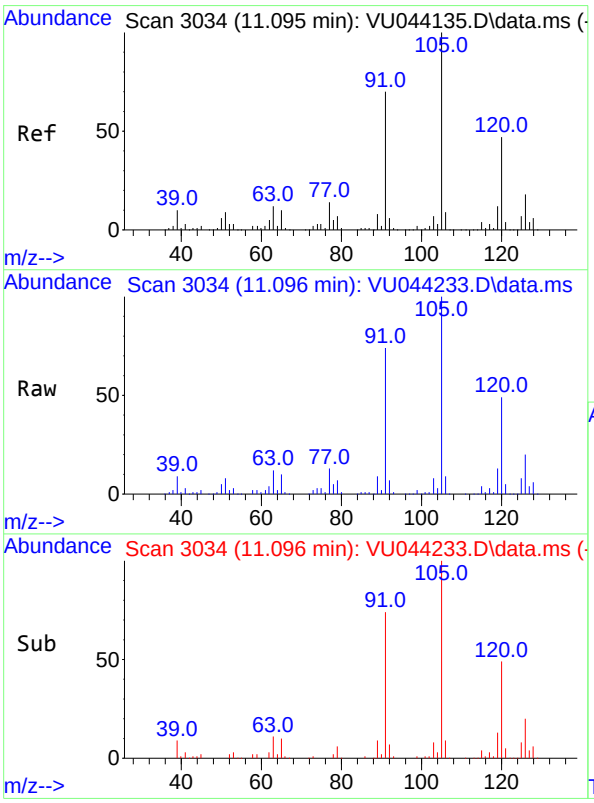
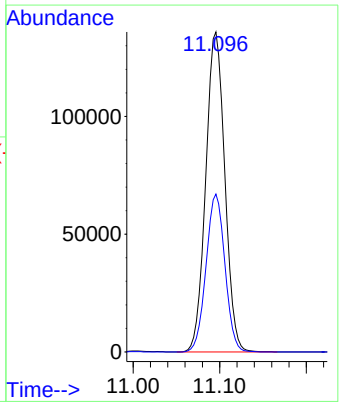
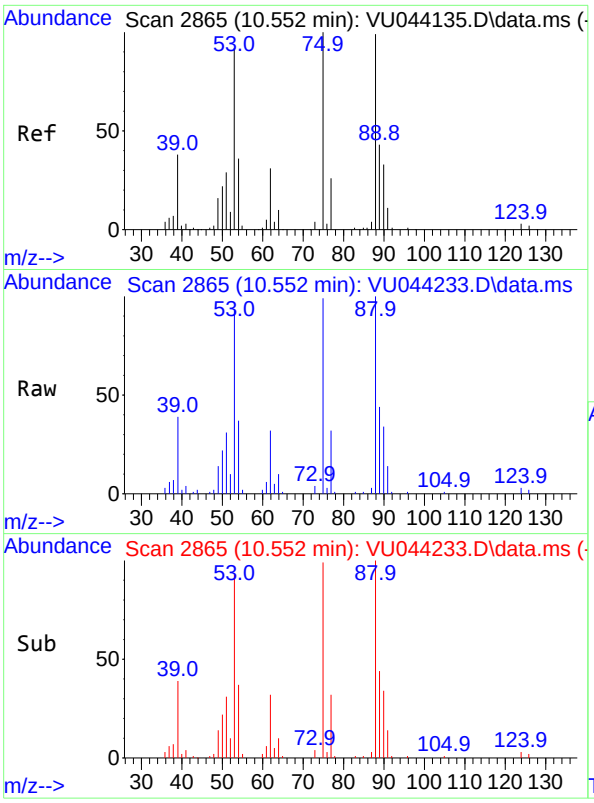


#80
1,3,5-Trimethylbenzene
Concen: 20.124 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:105 Resp: 208038

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.5	70.5

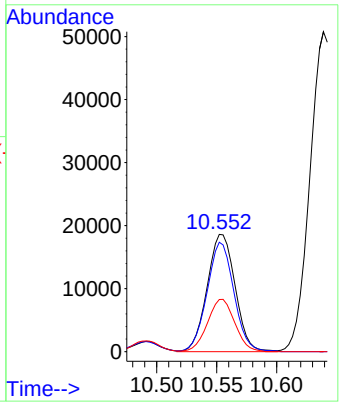




#81
trans-1,4-Dichloro-2-butene
Concen: 18.818 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 75 Resp: 30202

Ion	Ratio	Lower	Upper
75	100		
53	89.7	74.2	111.2
89	43.6	35.0	52.6



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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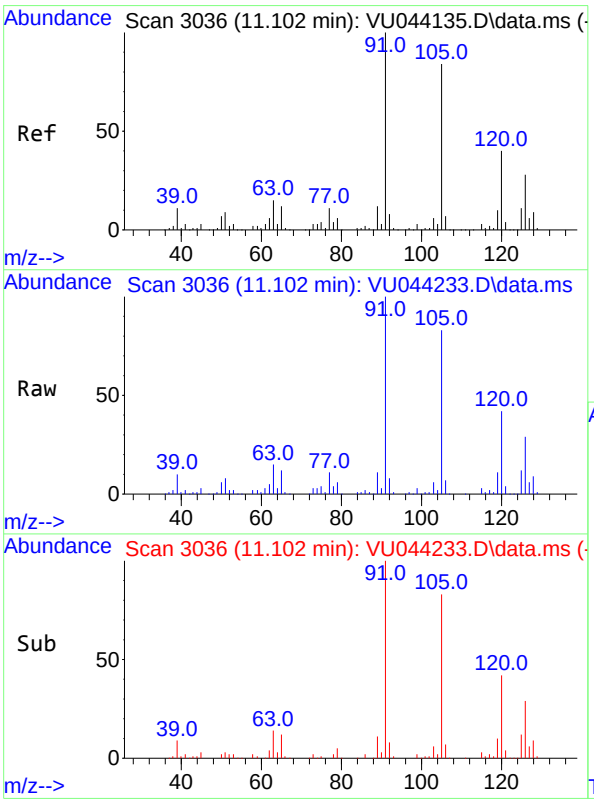
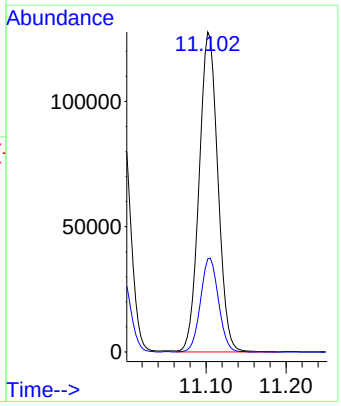
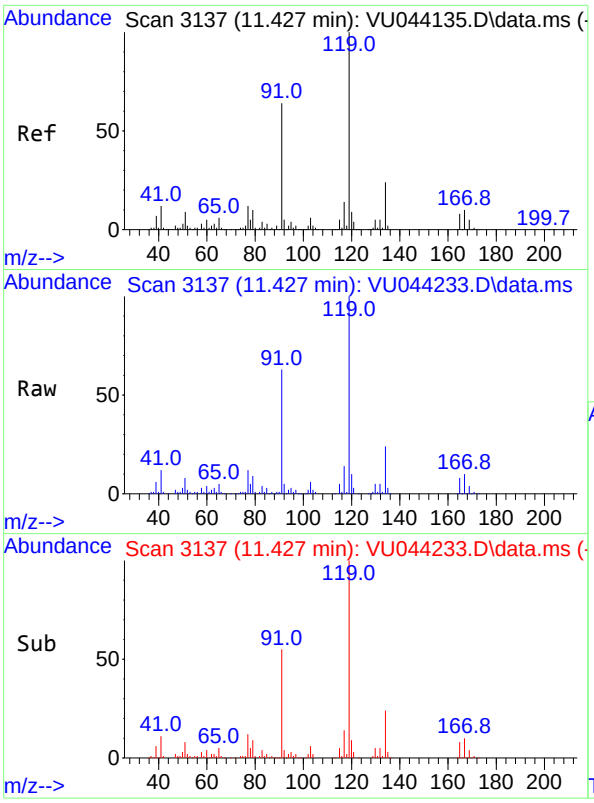


#82
4-Chlorotoluene
Concen: 19.656 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 91 Resp: 207991

Ion	Ratio	Lower	Upper
91	100		
126	28.1	13.7	41.0

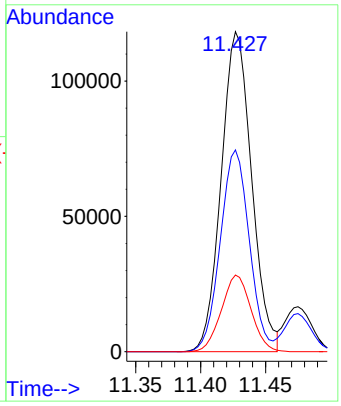




#83
tert-Butylbenzene
Concen: 19.900 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:119 Resp: 193007

Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.3	90.8
134	23.3	11.5	34.5



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

Manual Integrations APPROVED
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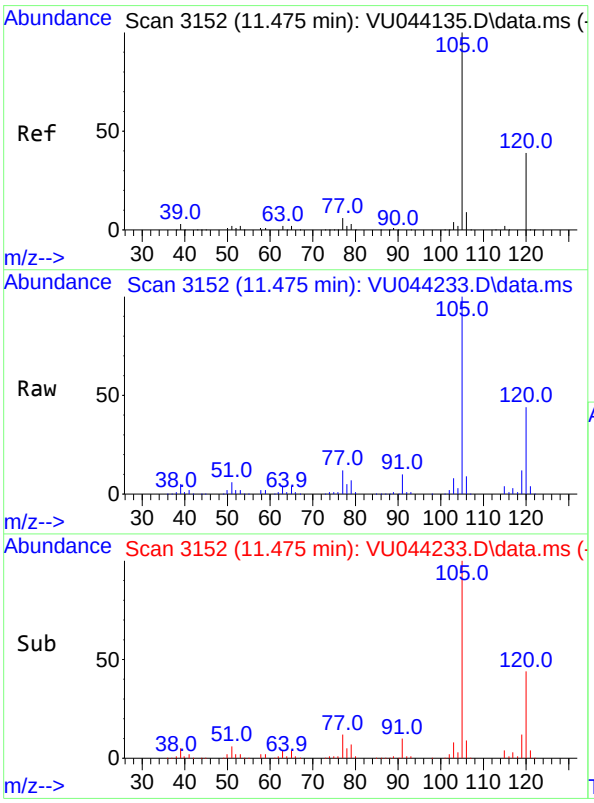
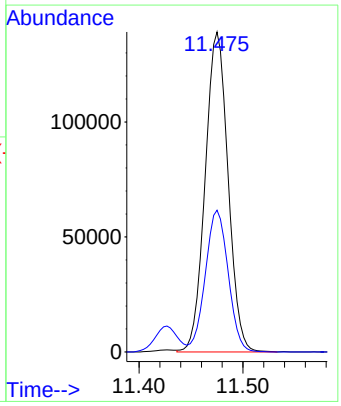
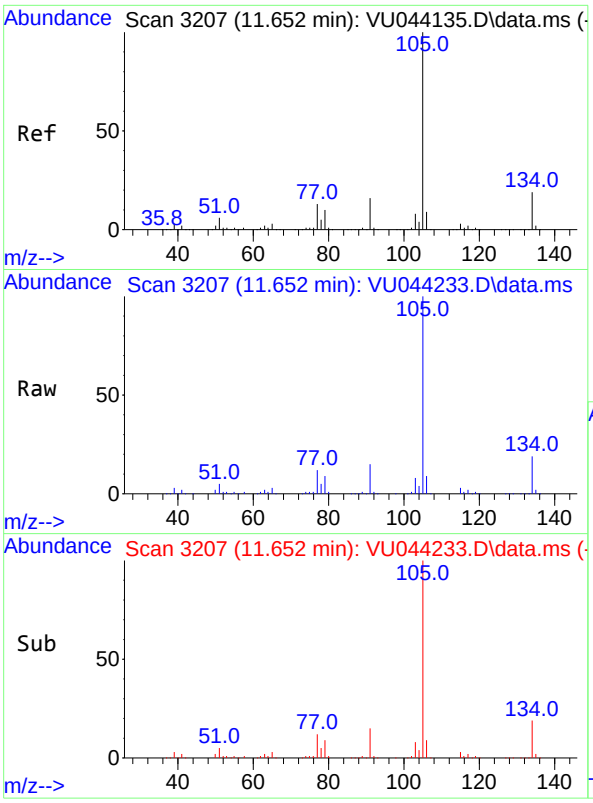


#84
1,2,4-Trimethylbenzene
Concen: 20.474 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:105 Resp: 212655

Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.8

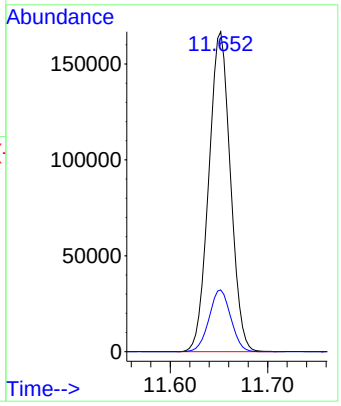




#85
sec-Butylbenzene
Concen: 20.193 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:105 Resp: 257208

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.4	28.2



Instrument :
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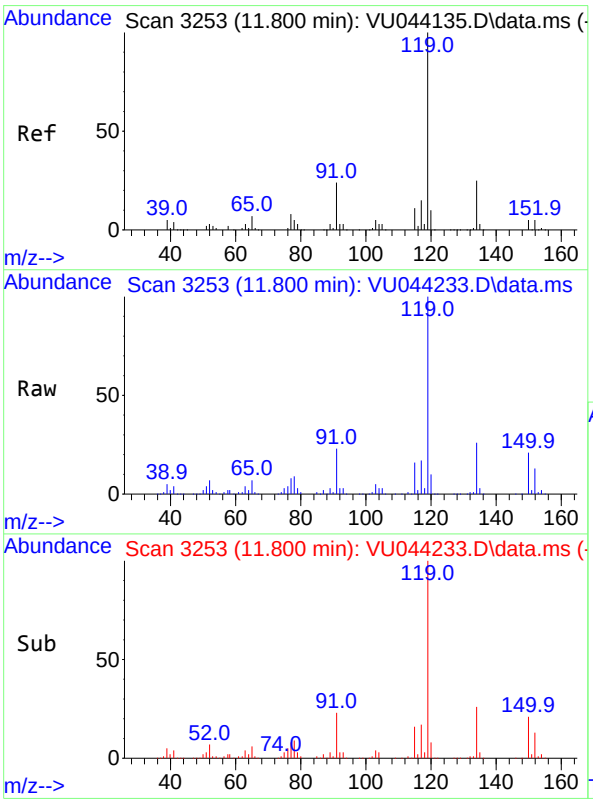
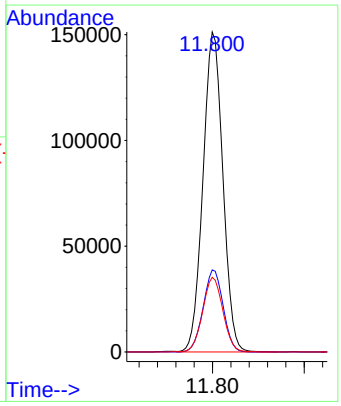
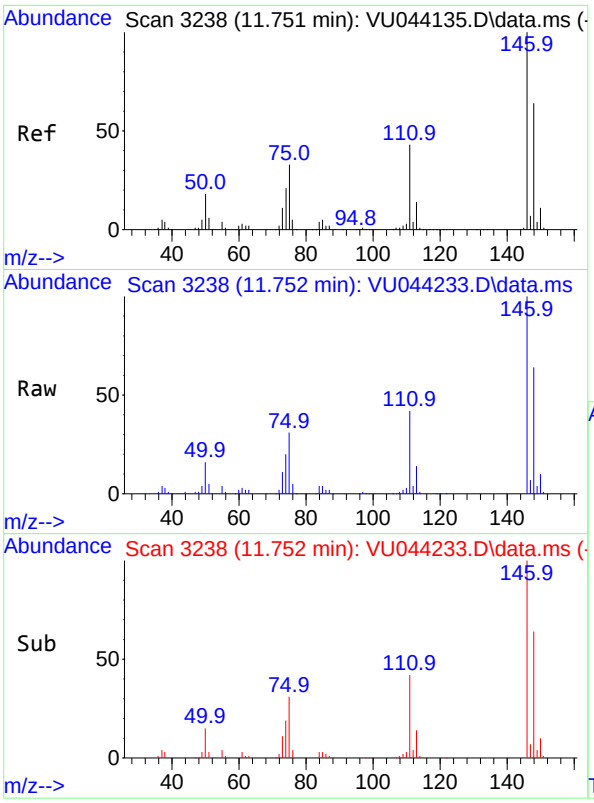


#86
p-Isopropyltoluene
Concen: 20.839 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:119 Resp: 227385

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.6
91	23.7	12.3	36.8

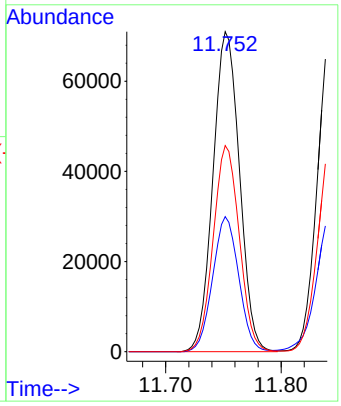




#87
1,3-Dichlorobenzene
Concen: 19.753 ug/l
RT: 11.752 min Scan# 3238
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:146 Resp: 113268

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.6	64.8
148	63.6	31.9	95.7



Instrument :
MSVOA_U
ClientSampleId :
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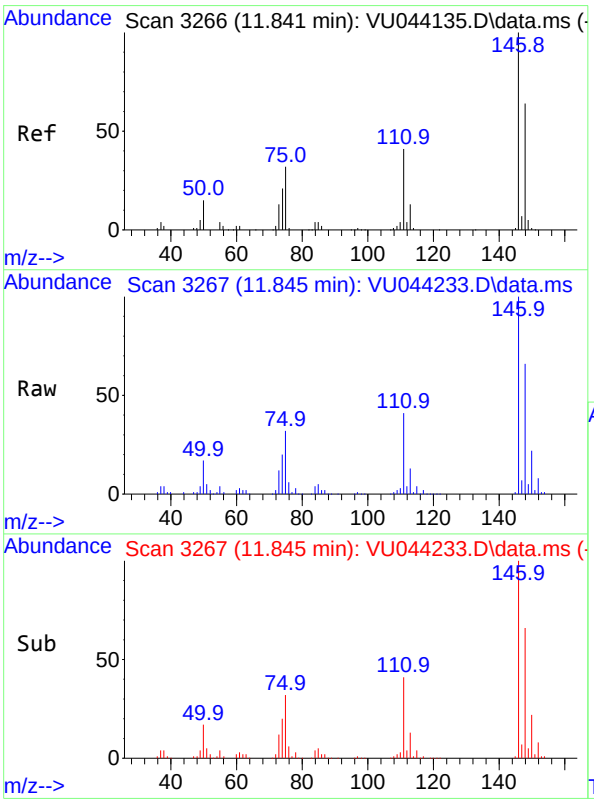
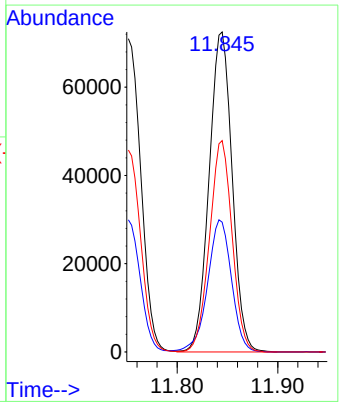
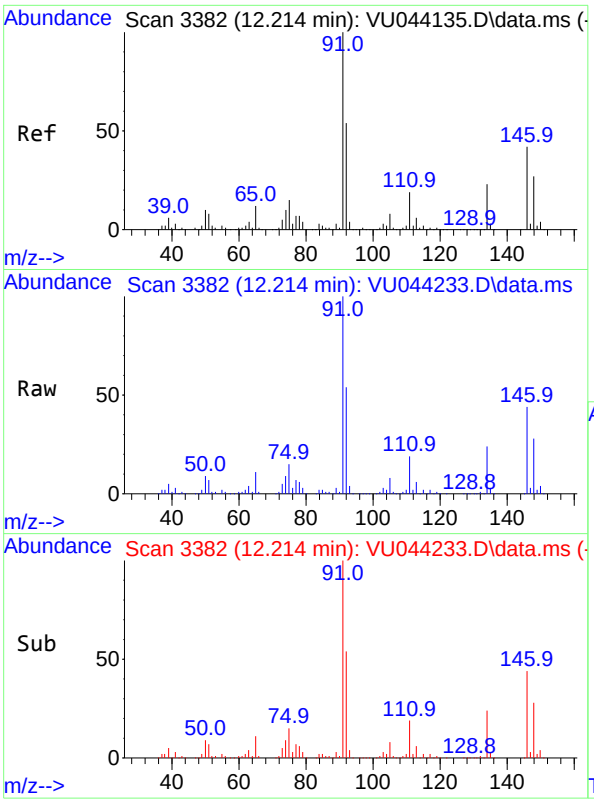


#88
1,4-Dichlorobenzene
Concen: 18.905 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. 0.004 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:146 Resp: 115379

Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.9	62.8
148	64.9	32.2	96.6

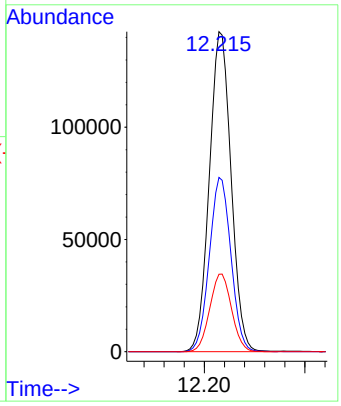




#89
n-Butylbenzene
Concen: 19.315 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 91 Resp: 214072

Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.1	81.2
134	24.3	11.9	35.5



Instrument :
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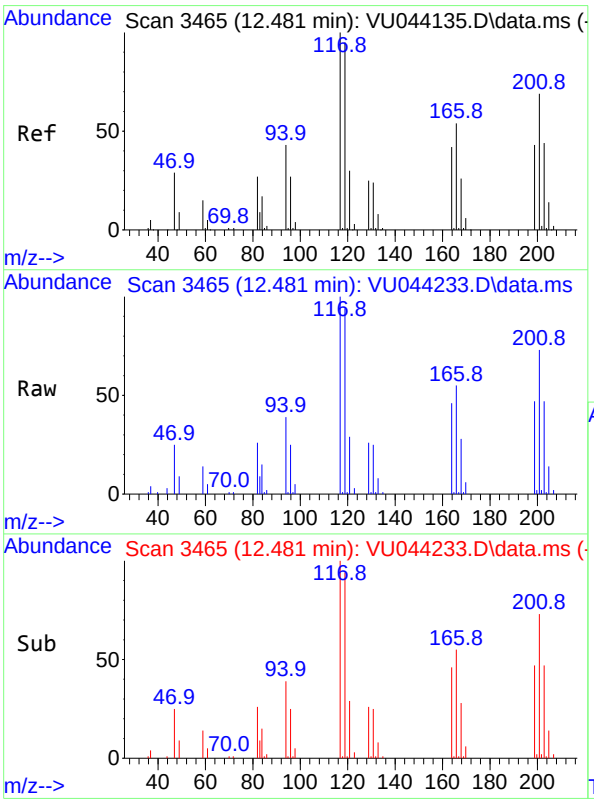
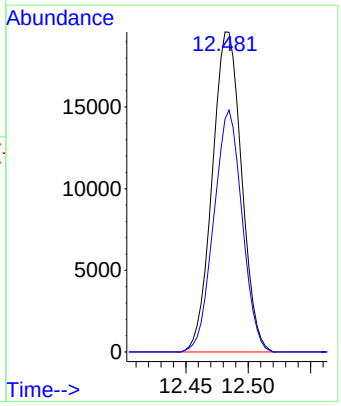
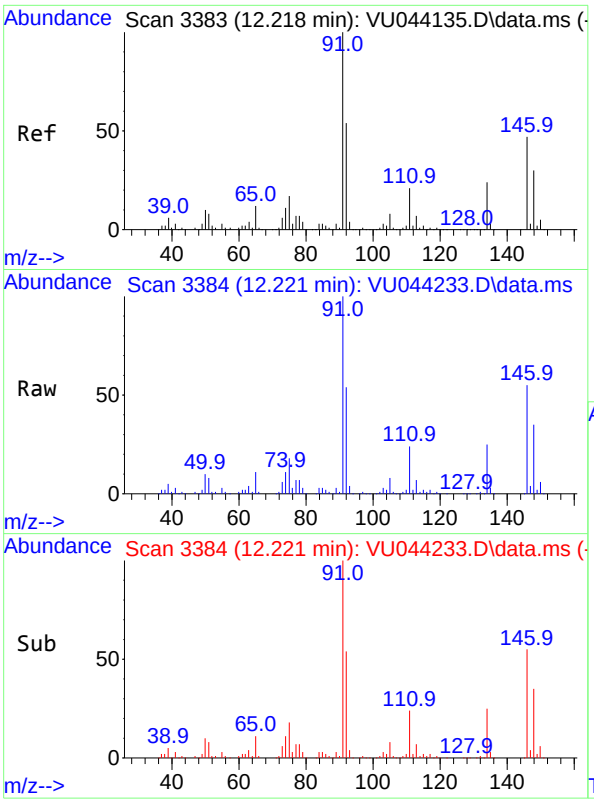


#90
Hexachloroethane
Concen: 18.592 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:117 Resp: 32106

Ion	Ratio	Lower	Upper
117	100		
201	73.1	35.4	106.3

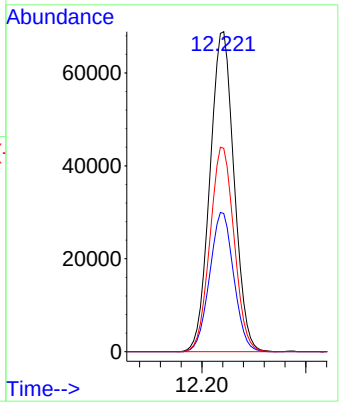




#91
1,2-Dichlorobenzene
Concen: 19.247 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:146 Resp: 110968

Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.1	66.5
148	64.0	31.9	95.5



Instrument :
MSVOA_U
ClientSampleId :
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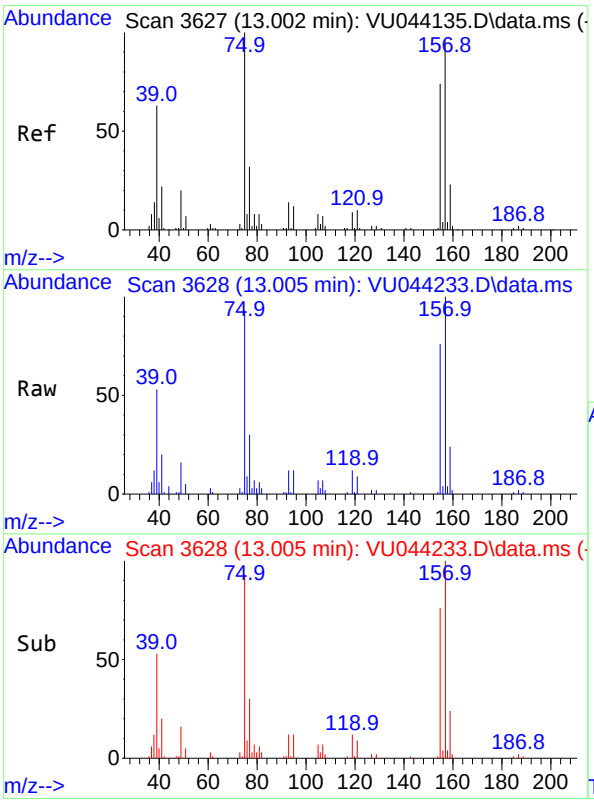
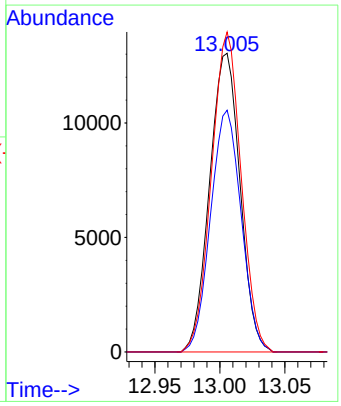
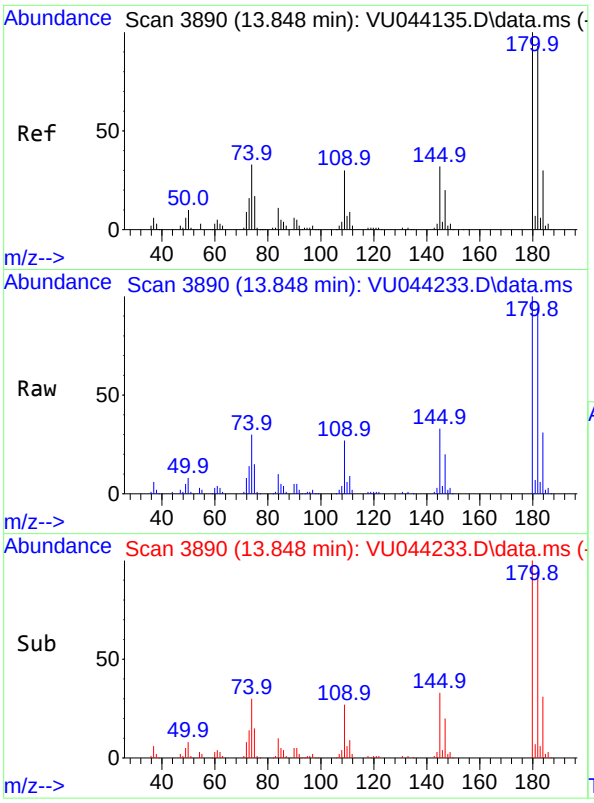


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.602 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion: 75 Resp: 21284

Ion	Ratio	Lower	Upper
75	100		
155	81.1	38.2	114.6
157	104.3	48.3	144.9

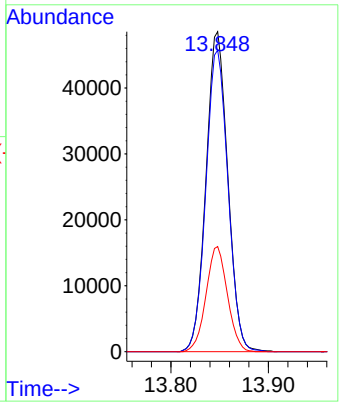




#93
1,2,4-Trichlorobenzene
Concen: 20.757 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:180 Resp: 75326

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.8
145	32.2	16.1	48.2



Instrument :
MSVOA_U
ClientSampleId :
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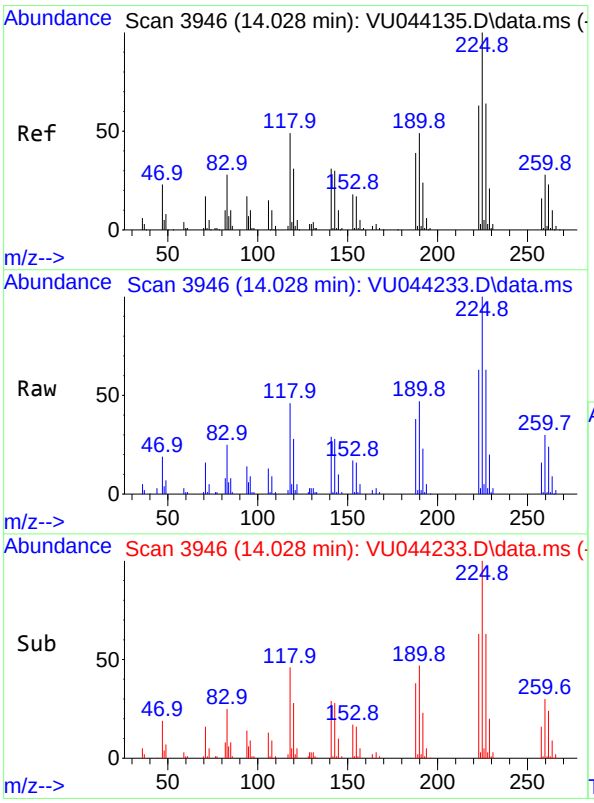
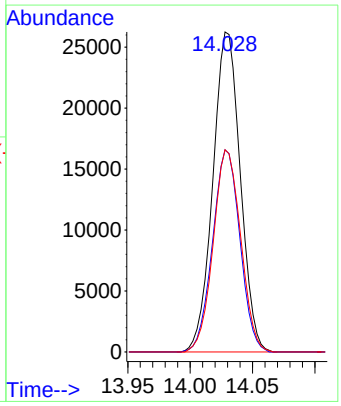


#94
Hexachlorobutadiene
Concen: 20.647 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:225 Resp: 40206

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	63.3	32.2	96.6



Instrument :
MSVOA_U
ClientSampleId :
VU0616WBSD01

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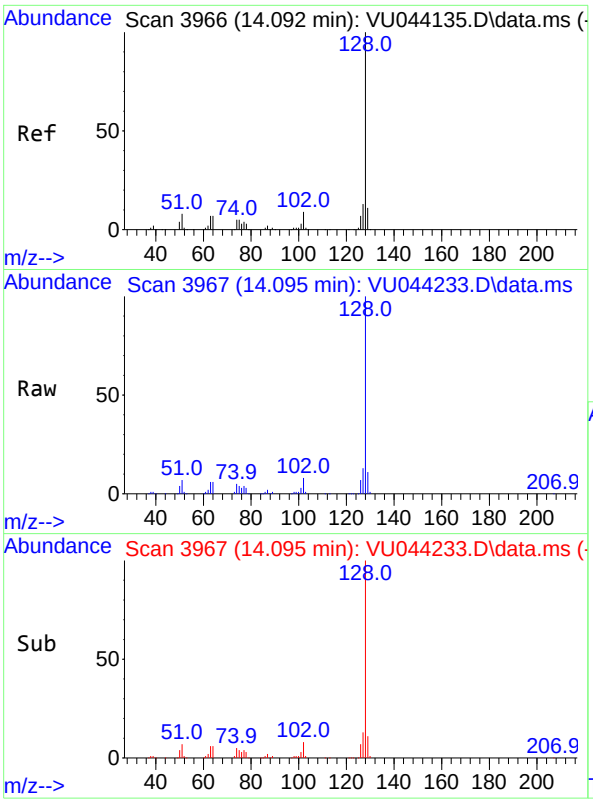
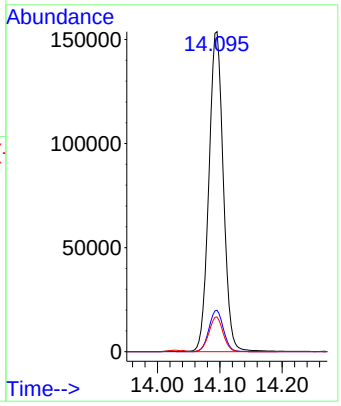
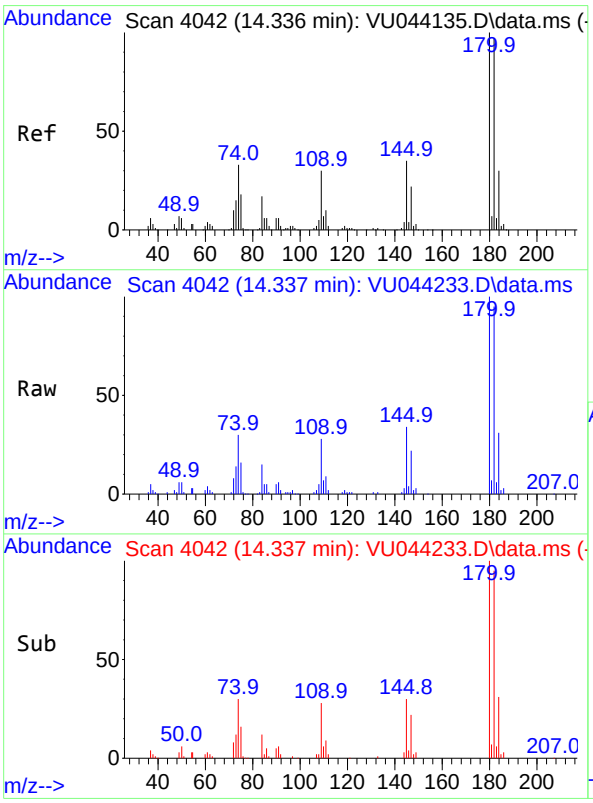


#95
Naphthalene
Concen: 21.965 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

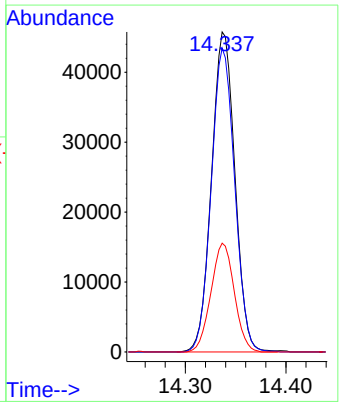
Tgt Ion:128 Resp: 247352

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.7	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 21.008 ug/l
RT: 14.337 min Scan# 4042
Delta R.T. 0.001 min
Lab File: VU044233.D
Acq: 16 Jun 2021 12:15

Tgt Ion:180 Resp: 73913

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	34.0	17.2	51.6