

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018053.D
 Acq On : 21 Aug 2020 13:05
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:49:53 PM

Quant Time: Aug 22 00:08:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	606428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	970510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	857543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	458648	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	370785	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
35) Dibromofluoromethane	5.47	113	285580	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
50) Toluene-d8	8.70	98	1045229	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
62) 4-Bromofluorobenzene	11.12	95	385210	39.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127819	17.312	ug/l	99
3) Chloromethane	1.31	50	123670	15.887	ug/l	96
4) Vinyl Chloride	1.39	62	126393	16.311	ug/l	97
5) Bromomethane	1.63	94	79173	21.183	ug/l	96
6) Chloroethane	1.72	64	77019	18.506	ug/l	98
7) Trichlorofluoromethane	1.92	101	188182	17.810	ug/l	99
8) Diethyl Ether	2.17	74	65999	18.419	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	95341	16.691	ug/l	98
10) Methyl Iodide	2.49	142	96262	19.372	ug/l	97
11) Tert butyl alcohol	3.02	59	123892	75.686	ug/l	98
12) 1,1-Dichloroethene	2.36	96	92699	15.642	ug/l	92
13) Acrolein	2.28	56	60935	89.777	ug/l	99
14) Allyl chloride	2.71	41	182281	17.120	ug/l	99
15) Acrylonitrile	3.11	53	315481	84.963	ug/l	99
16) Acetone	2.42	43	272817	83.164	ug/l	93
17) Carbon Disulfide	2.55	76	293261	16.369	ug/l	99
18) Methyl Acetate	2.75	43	134943	17.047	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	358023	17.616	ug/l	98
20) Methylene Chloride	2.83	84	120422	17.187	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	109805	16.724	ug/l	99
22) Diisopropyl ether	3.83	45	382562	18.205	ug/l	97
23) Vinyl Acetate	3.78	43	1677518	89.711	ug/l	100
24) 1,1-Dichloroethane	3.67	63	210122	17.565	ug/l	97
25) 2-Butanone	4.64	43	442000	81.984	ug/l	98
26) 2,2-Dichloropropane	4.55	77	186463	19.157	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	129277	17.089	ug/l	98
28) Bromochloromethane	4.98	49	102825	17.808	ug/l	97
29) Tetrahydrofuran	5.09	42	278152	81.046	ug/l	98
30) Chloroform	5.17	83	207731	16.771	ug/l	100
31) Cyclohexane	5.55	56	186573	18.515	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	192908	16.971	ug/l	99
36) 1,1-Dichloropropene	5.77	75	154334	17.241	ug/l	99
37) Ethyl Acetate	4.79	43	178934	17.211	ug/l	99
38) Carbon Tetrachloride	5.75	117	171841	17.034	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169305	17.297	ug/l	97
40) Benzene	6.11	78	453168	17.229	ug/l	98
41) Methacrylonitrile	5.00	41	93446	16.370	ug/l	98
42) 1,2-Dichloroethane	6.16	62	168998	16.770	ug/l	99
43) Isopropyl Acetate	6.41	43	293241	17.463	ug/l	100
44) Trichloroethene	7.19	130	127105	17.102	ug/l	94
45) 1,2-Dichloropropane	7.49	63	117738	16.608	ug/l	93
46) Dibromomethane	7.64	93	82080	16.465	ug/l	98
47) Bromodichloromethane	7.87	83	164918	16.568	ug/l	99
48) Methyl methacrylate	7.74	41	131361	15.714	ug/l	99
49) 1,4-Dioxane	7.71	88	44630	294.737	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	914209	88.135	ug/l	99
52) Toluene	8.76	92	292595	17.543	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191873	17.393	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	213165	18.240	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	119979	16.867	ug/l	99
56) Ethyl methacrylate	9.16	69	176995	16.738	ug/l	99
57) 1,3-Dichloropropane	9.35	76	202036	17.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	435641	91.579	ug/l	99
59) 2-Hexanone	9.47	43	619492	78.542	ug/l	99
60) Dibromochloromethane	9.57	129	138051	16.544	ug/l	99
61) 1,2-Dibromoethane	9.65	107	122767	15.897	ug/l	99
64) Tetrachloroethene	9.32	164	118431	18.793	ug/l	89
65) Chlorobenzene	10.12	112	294223	17.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	118477	17.551	ug/l	99
67) Ethyl Benzene	10.23	91	512103	17.582	ug/l	100
68) m/p-Xylenes	10.34	106	416258	38.290	ug/l	99
69) o-Xylene	10.68	106	190716	18.097	ug/l	100
70) Styrene	10.70	104	327191	18.231	ug/l	99
71) Bromoform	10.84	173	105240	18.278	ug/l	96
73) Isopropylbenzene	11.00	105	517238	17.097	ug/l	98
74) N-amyl acetate	10.88	43	238148	16.591	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	169250	15.859	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	162187m	15.896	ug/l	
77) Bromobenzene	11.24	156	138772	16.595	ug/l	99
78) n-propylbenzene	11.34	91	597184	17.385	ug/l	99
79) 2-Chlorotoluene	11.40	91	363820	17.143	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	446699	17.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	64853	17.168	ug/l	97
82) 4-Chlorotoluene	11.49	91	424286	16.817	ug/l	99
83) tert-Butylbenzene	11.76	119	442166	18.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	475736	18.717	ug/l	100
85) sec-Butylbenzene	11.93	105	521310	18.685	ug/l	99
86) p-Isopropyltoluene	12.05	119	483754	18.876	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	256272	17.455	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	253396	17.237	ug/l	98
89) n-Butylbenzene	12.37	91	432491	18.490	ug/l	99
90) Hexachloroethane	12.58	117	89136	17.678	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	240451	17.398	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41694	15.625	ug/l	96

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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	162002	17.578	ug/l	99
94) Hexachlorobutadiene	13.77	225	62198	17.110	ug/l	95
95) Naphthalene	13.82	128	519255	17.120	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160431	17.617	ug/l	98

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

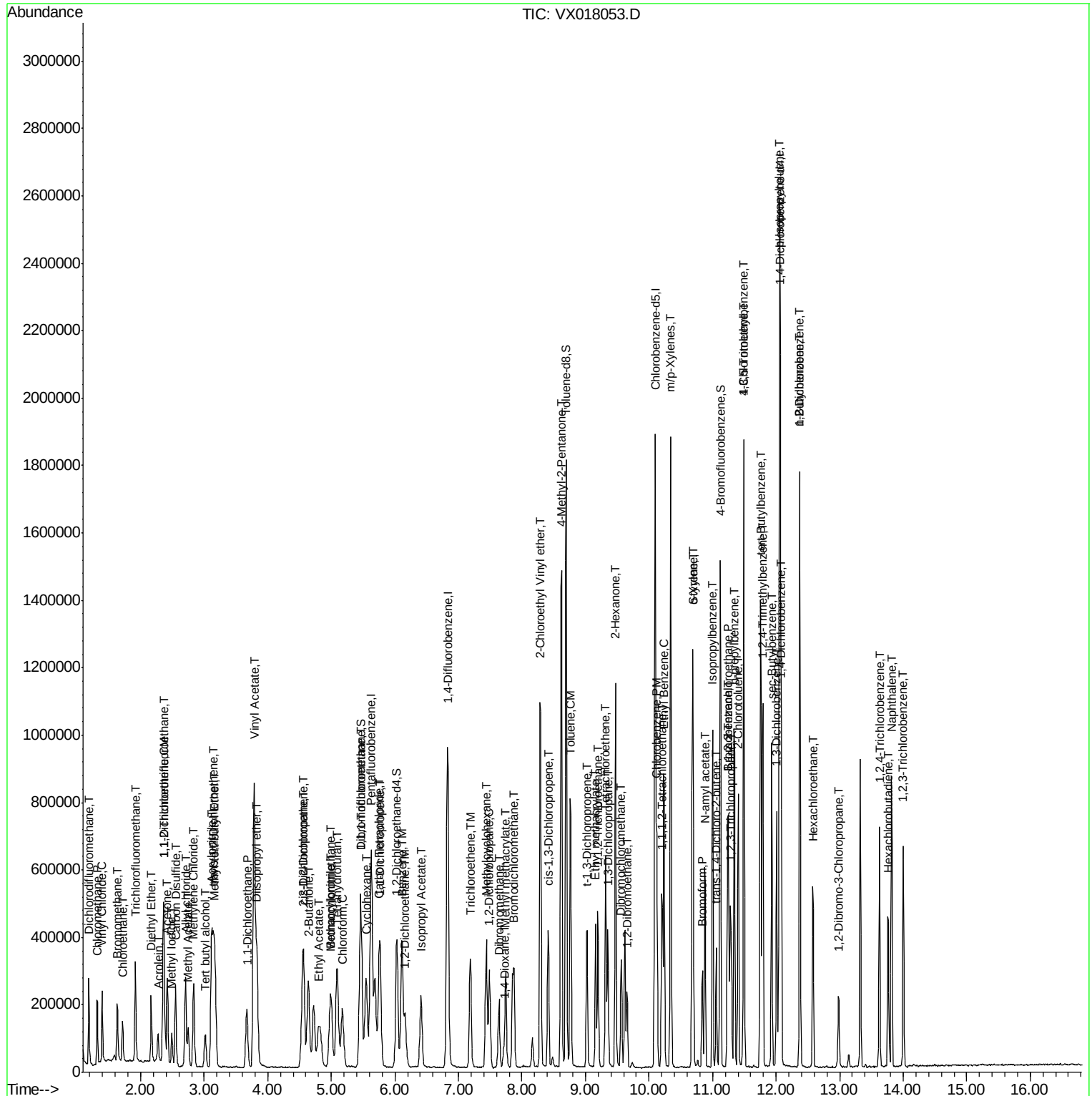
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Data File : VX018053.D
Acq On : 21 Aug 2020 13:05
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

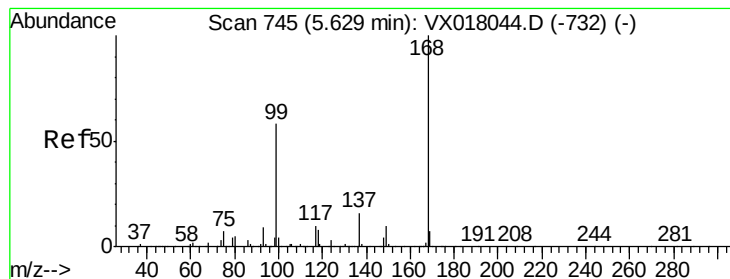
Instrument :
MSVOA_X
ClientSampled :
VX0821WBSD02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:168 Resp: 606428

Ion Ratio Lower Upper

168 100

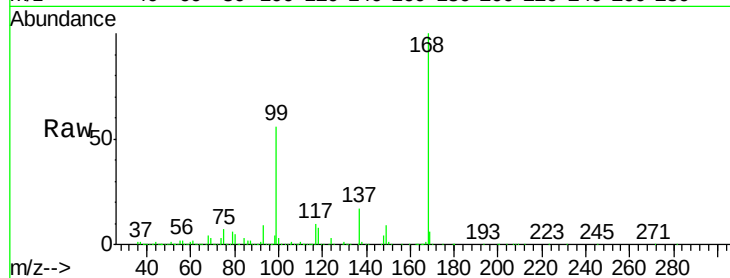
99 55.8 46.3 69.5

Manual Integrations

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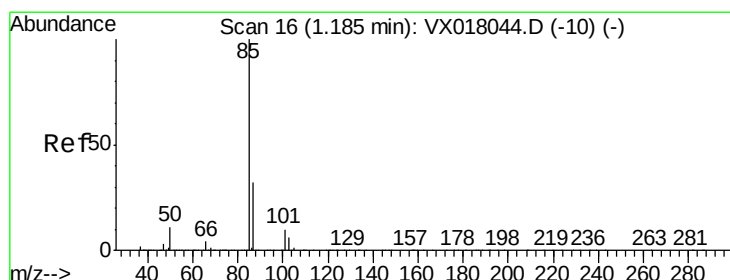
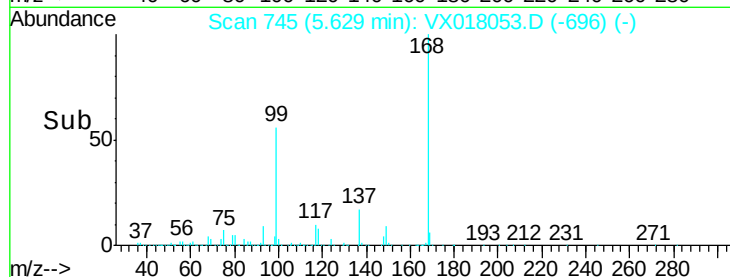
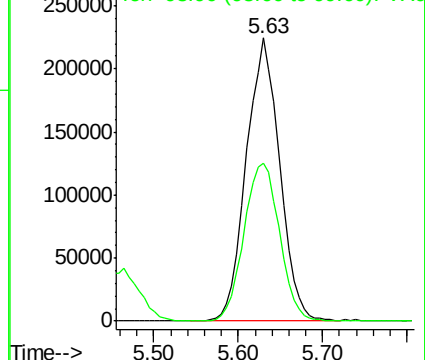
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.312 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018053.D

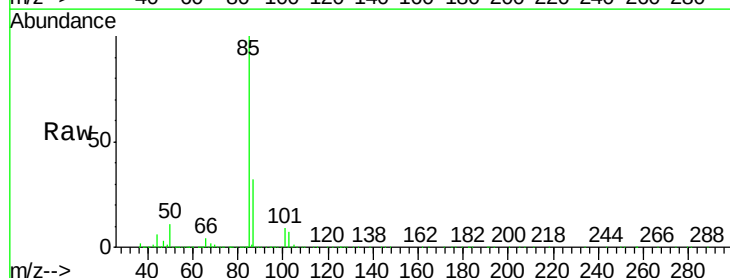
Acq: 21 Aug 2020 13:05

Tgt Ion: 85 Resp: 127819

Ion Ratio Lower Upper

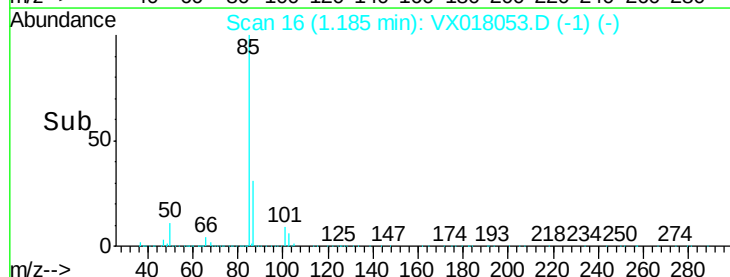
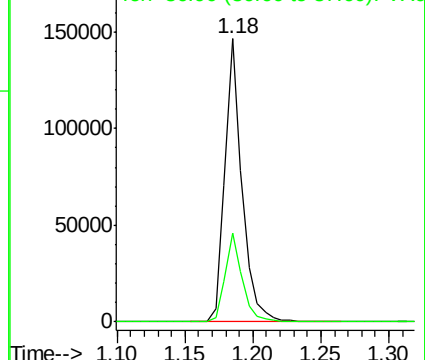
85 100

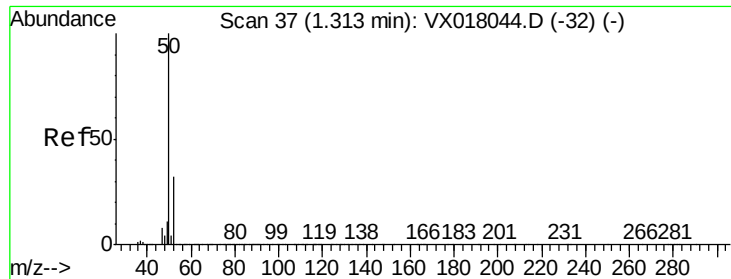
87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





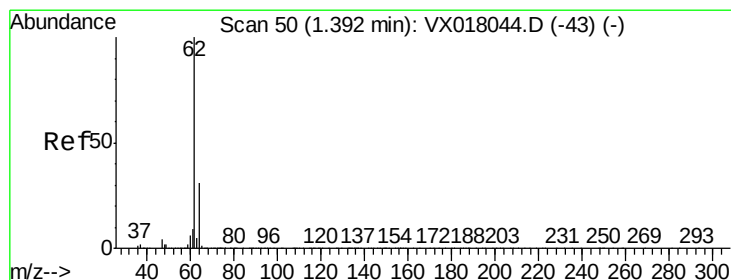
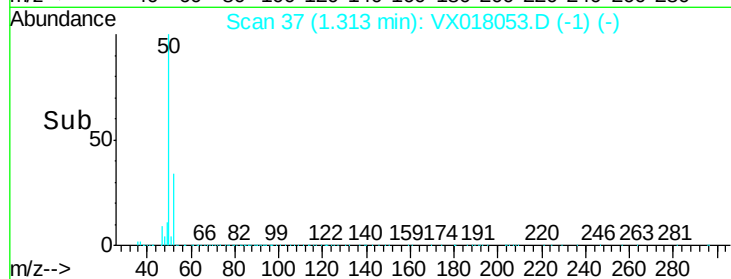
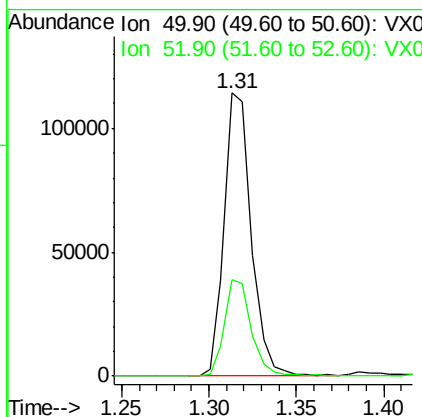
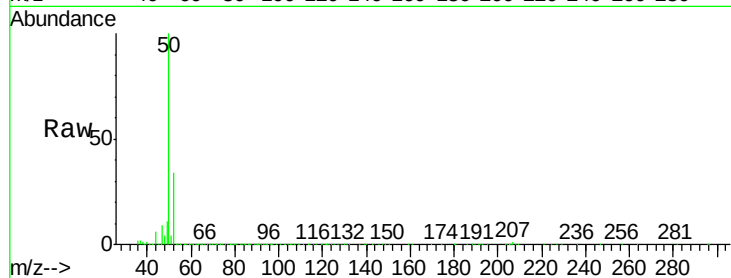
#3
Chloromethane
Concen: 15.887 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.1	25.4	38.2

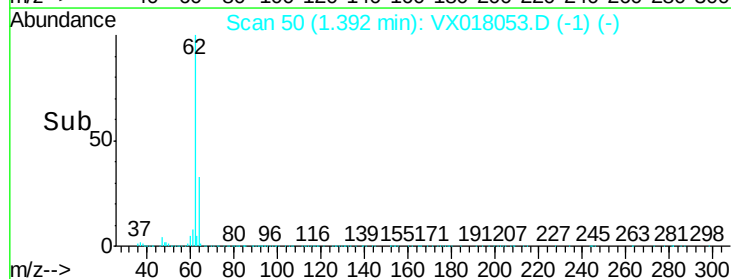
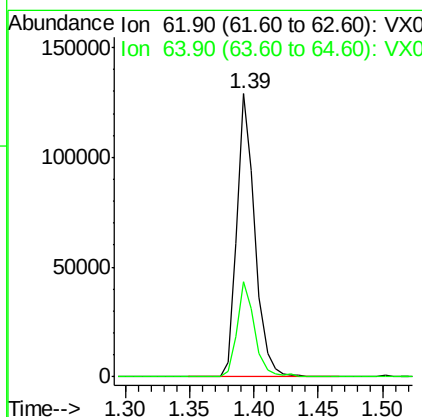
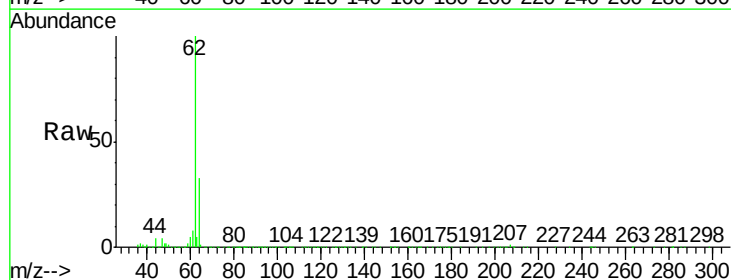
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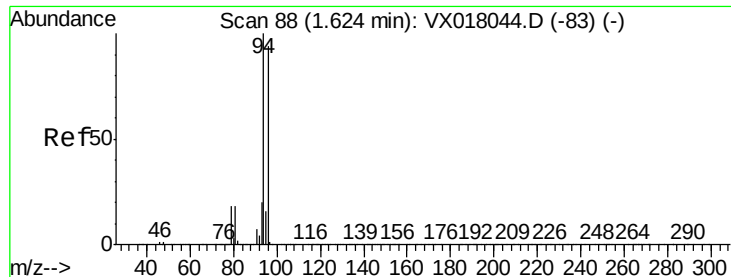
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#4
Vinyl Chloride
Concen: 16.311 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.1	37.7





#5

Bromomethane

Concen: 21.183 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tot Ion: 94 Resp: 79173

Ion Ratio Lower Upper

94 100

96 97.4 74.8 112.2

Instrument :

MSVOA_X

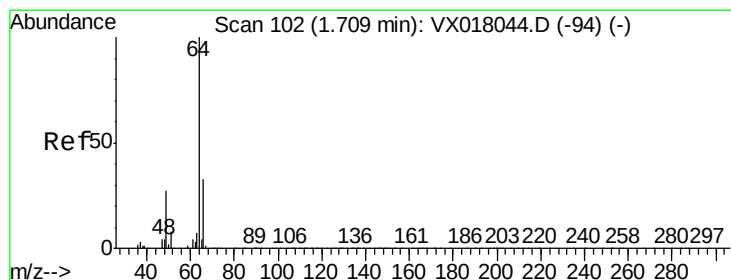
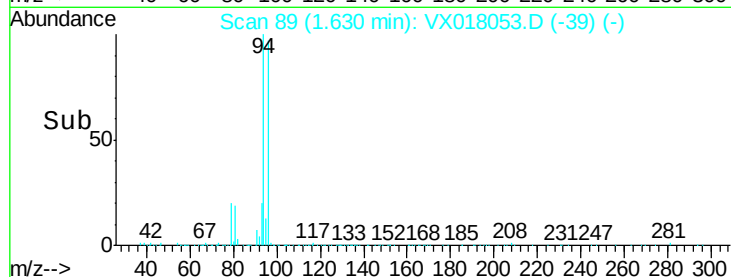
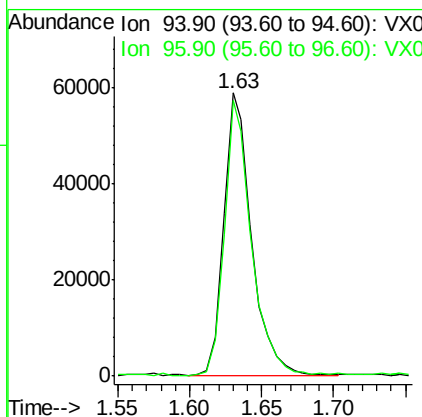
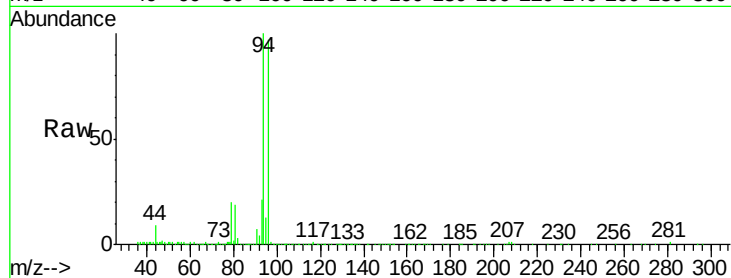
ClientSampleId :

VX0821WBSD02

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#6

Chloroethane

Concen: 18.506 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018053.D

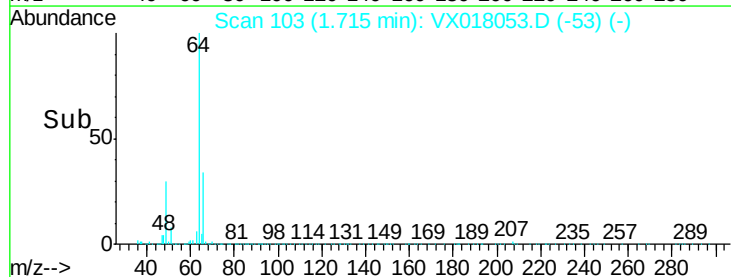
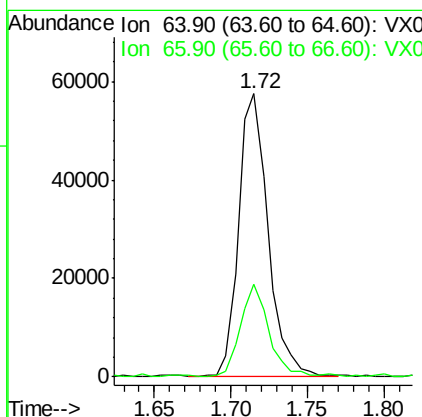
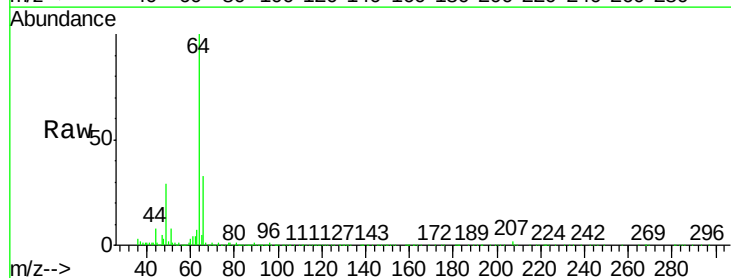
Acq: 21 Aug 2020 13:05

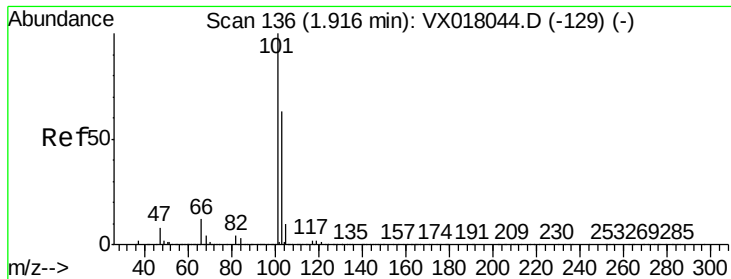
Tgt Ion: 64 Resp: 77019

Ion Ratio Lower Upper

64 100

66 32.2 26.6 39.8





#7

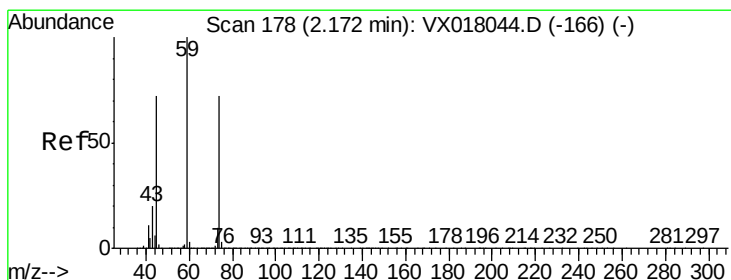
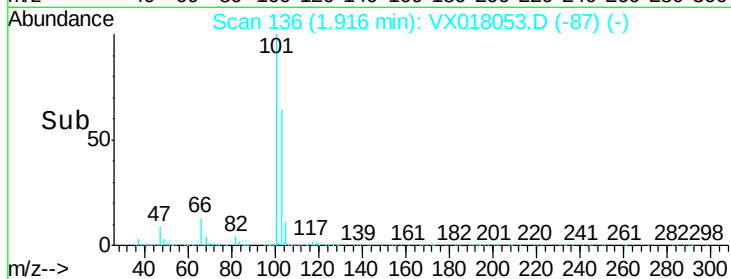
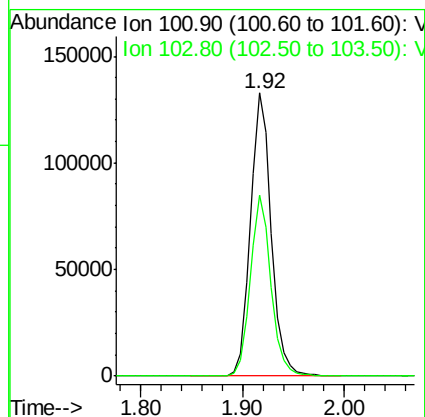
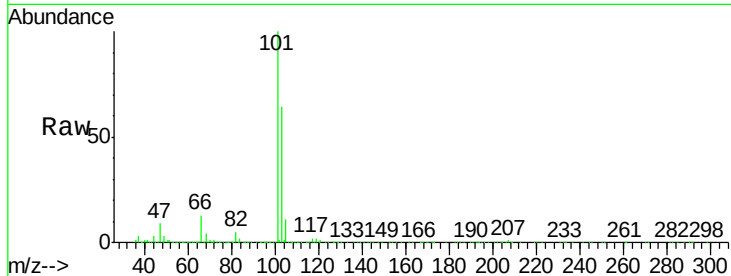
Trichlorofluoromethane
Concen: 17.810 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.7	76.1

Manual Integrations
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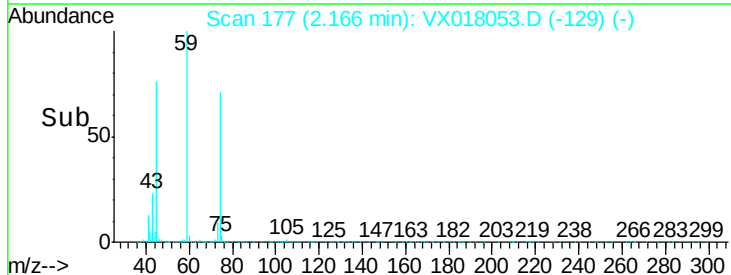
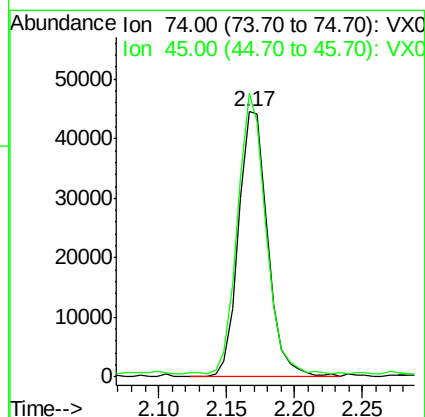
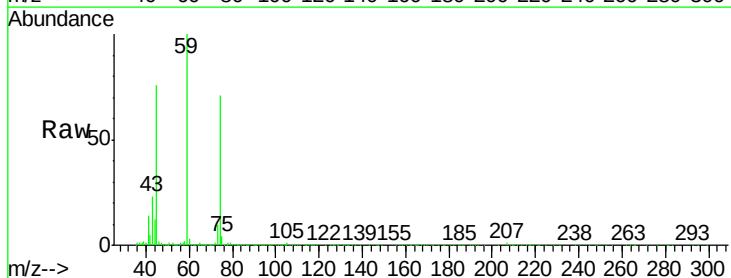
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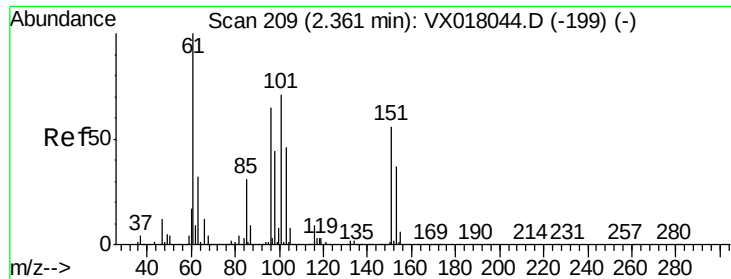


#8

Diethyl Ether
Concen: 18.419 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.691 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

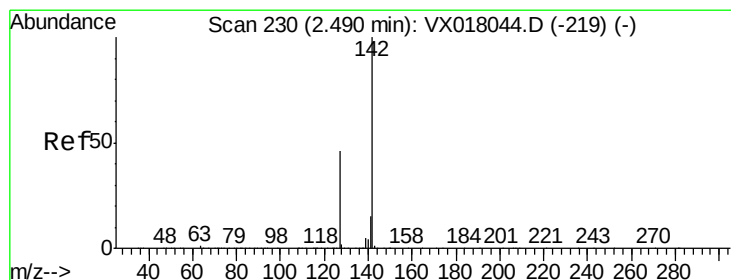
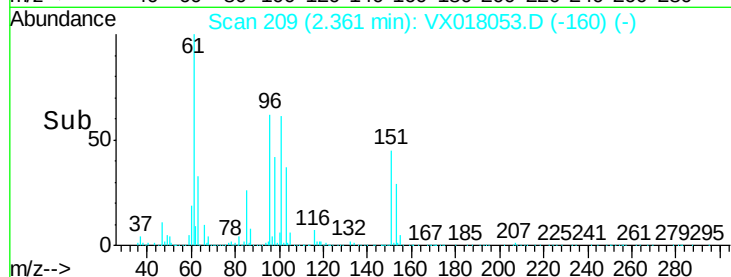
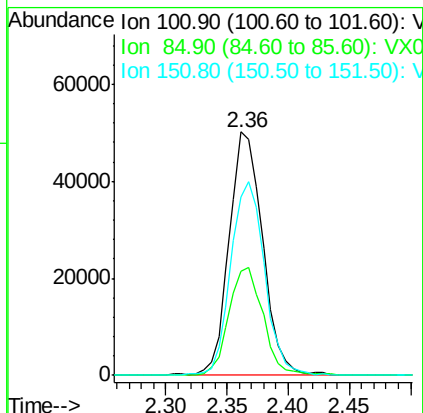
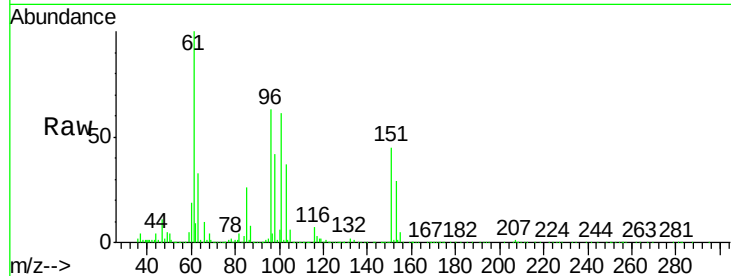
ClientSampleId :

VX0821WBSD02

Tot Ion:	101	Resp:	95341
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.0	51.0
151	80.4	65.2	97.8

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#10

Methyl Iodide

Concen: 19.372 ug/l

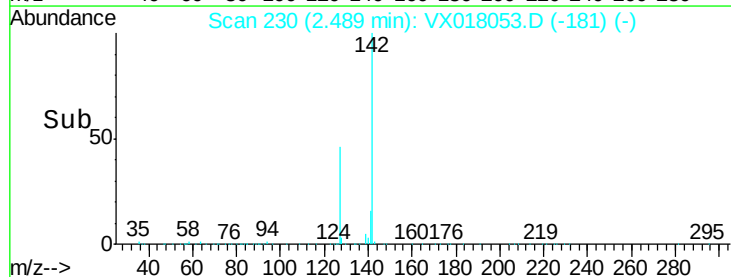
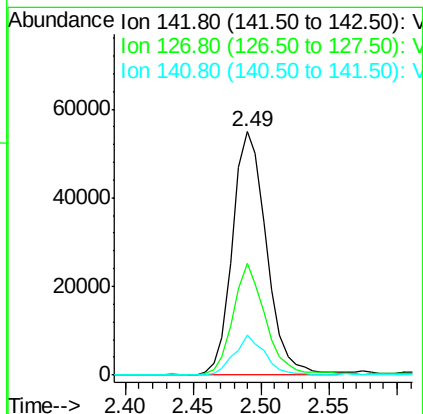
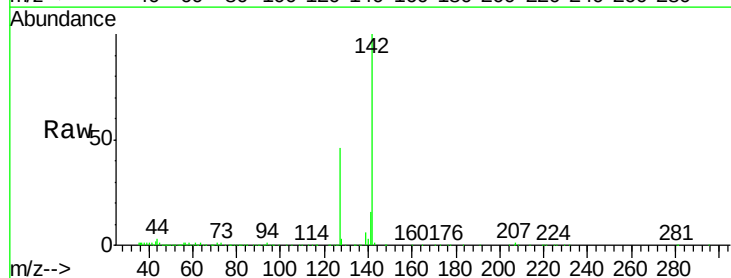
RT: 2.49 min Scan# 230

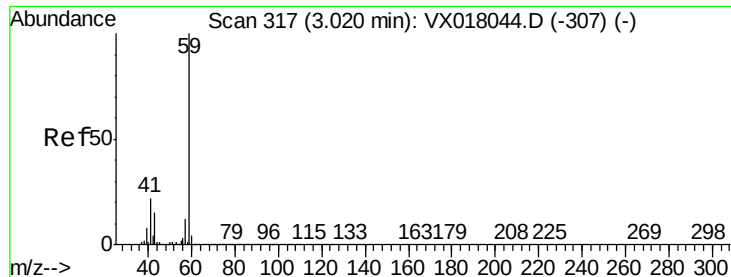
Delta R.T. 0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	142	Resp:	96262
Ion Ratio	Lower	Upper	
142	100		
127	44.0	37.0	55.6
141	14.7	11.5	17.3





#11

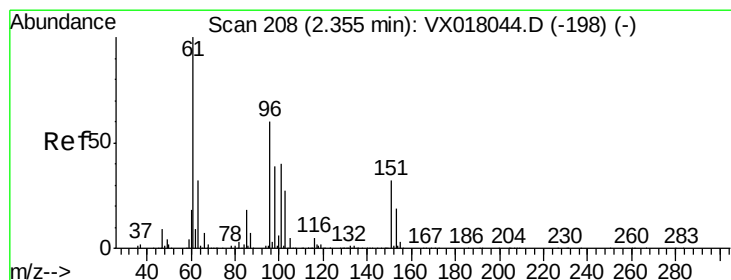
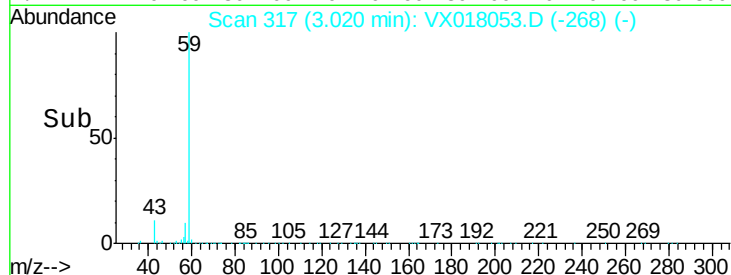
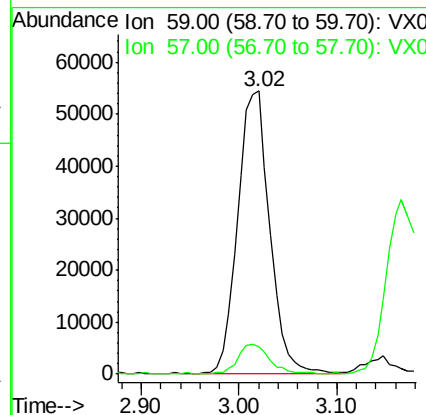
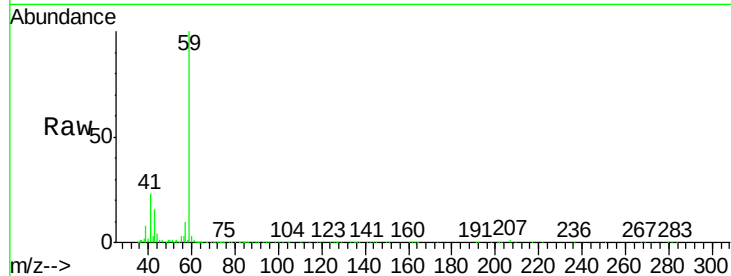
Tert butyl alcohol
 Concen: 75.686 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.9	13.3

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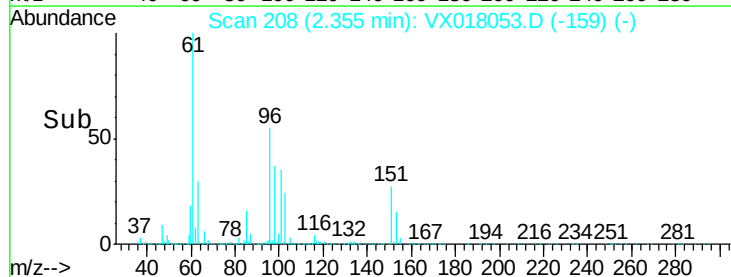
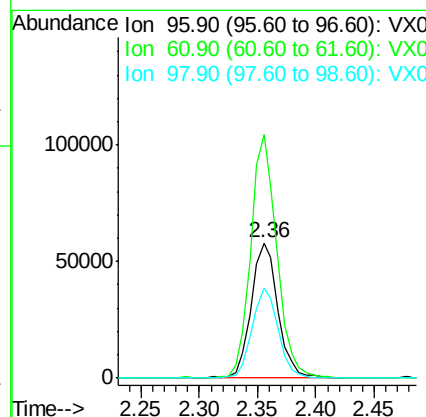
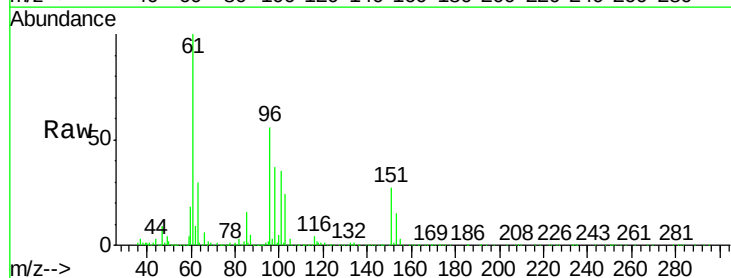
sam
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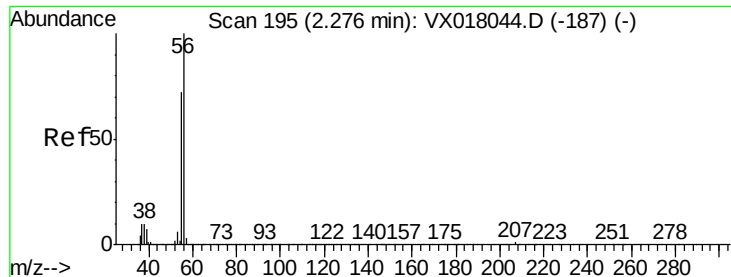


#12

1,1-Dichloroethene
 Concen: 15.642 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.2	133.0	199.4
98	66.9	51.6	77.4





#13

Acrolein

Concen: 89.777 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 56 Resp: 60935

Ion Ratio Lower Upper

56 100

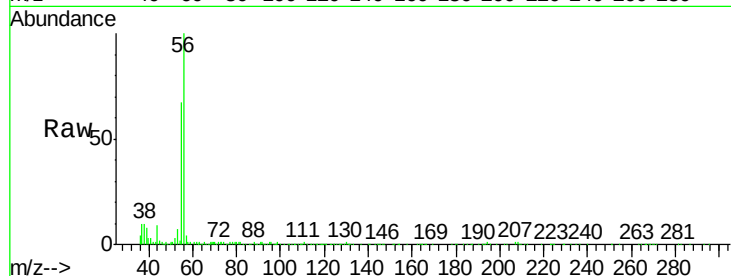
55 70.8 57.0 85.6

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

40000

30000

20000

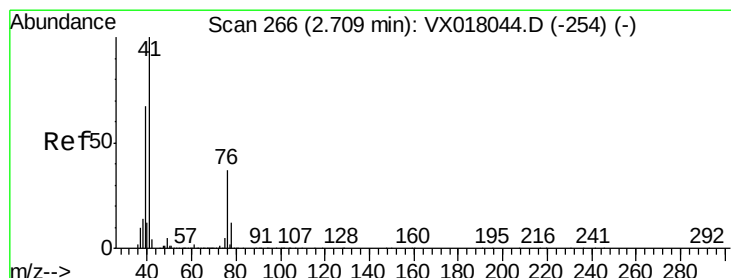
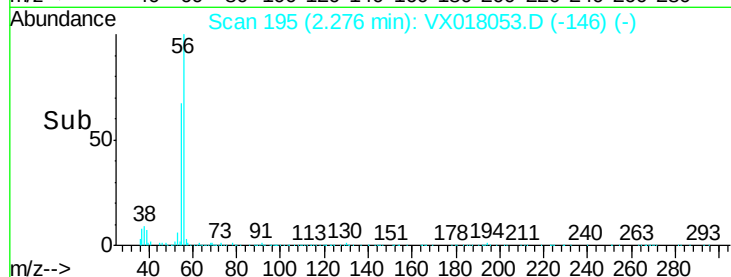
10000

0

Time-->

2.20 2.25 2.30 2.35

2.28



#14

Allyl chloride

Concen: 17.120 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

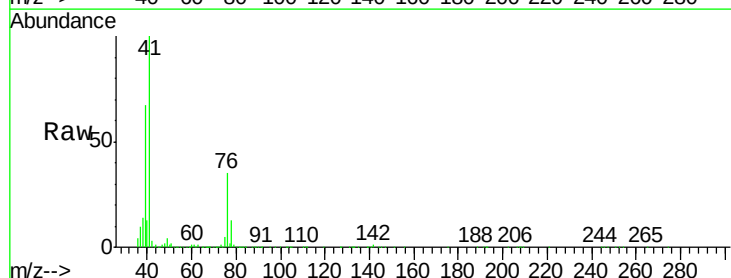
Tgt Ion: 41 Resp: 182281

Ion Ratio Lower Upper

41 100

39 63.9 50.6 76.0

76 33.2 26.2 39.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

100000

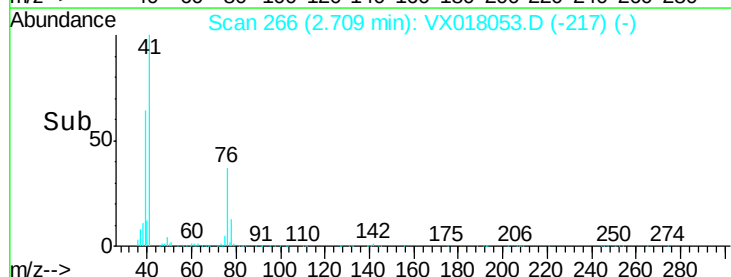
50000

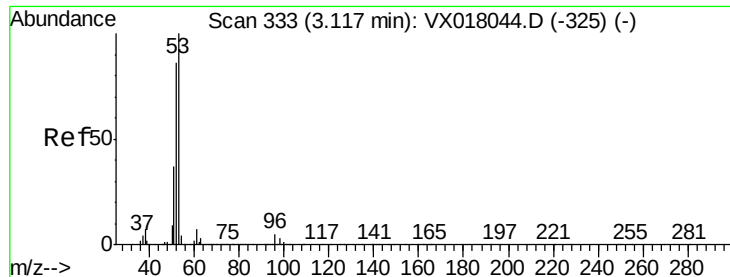
0

Time-->

2.60 2.70 2.80

2.71





#15

Acrylonitrile

Concen: 84.963 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

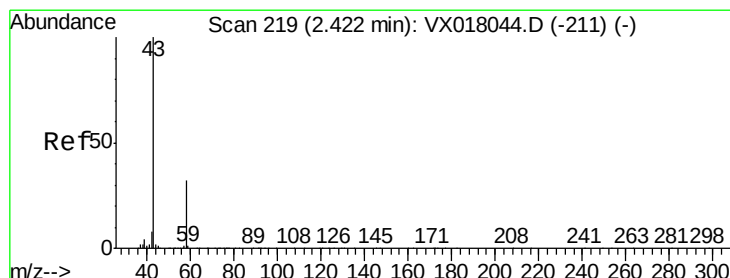
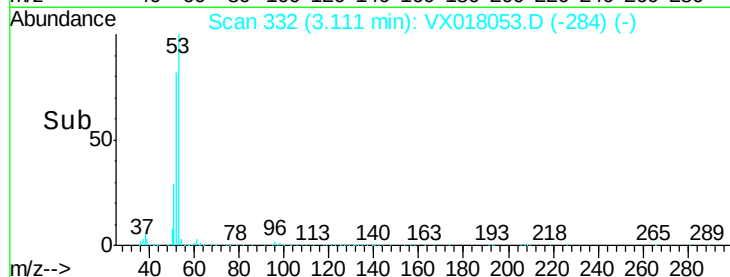
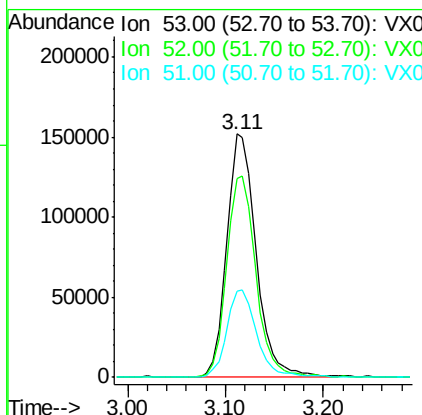
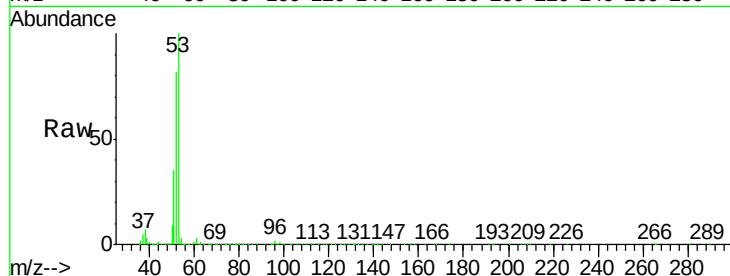
ClientSampleId :

VX0821WBSD02

Tot Ion:	53	Resp:	315481
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.9	100.3
51	36.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 83.164 ug/l

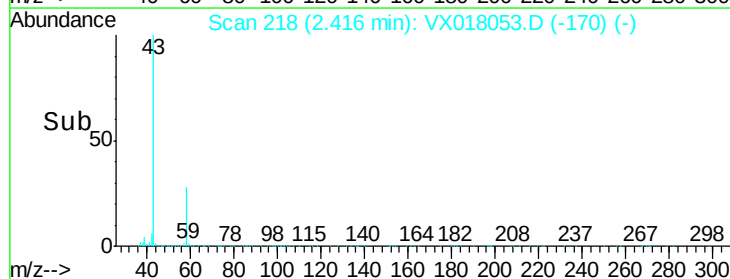
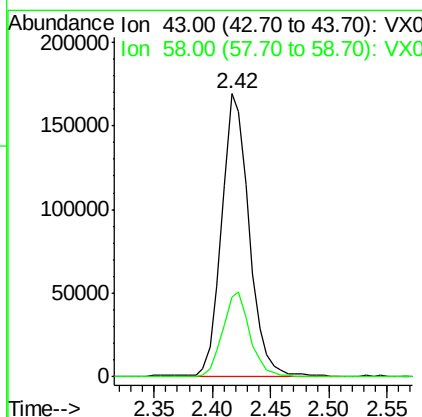
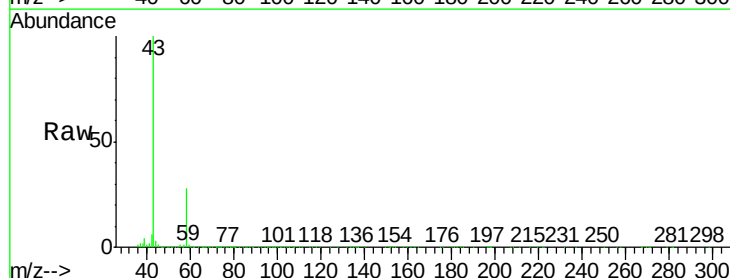
RT: 2.42 min Scan# 218

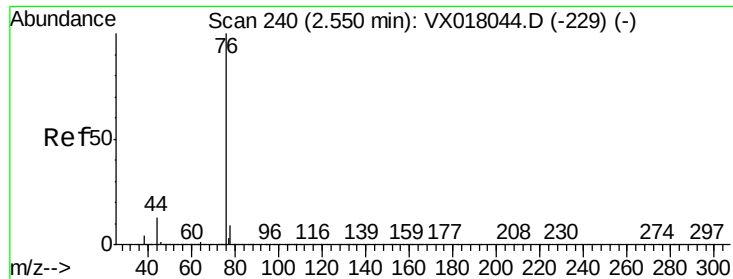
Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	43	Resp:	272817
Ion Ratio	Lower	Upper	
43	100		
58	28.0	25.5	38.3





#17

Carbon Disulfide

Concen: 16.369 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 76 Resp: 293261

Ion Ratio Lower Upper

76 100

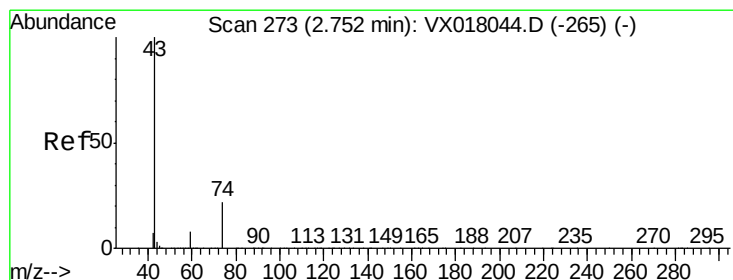
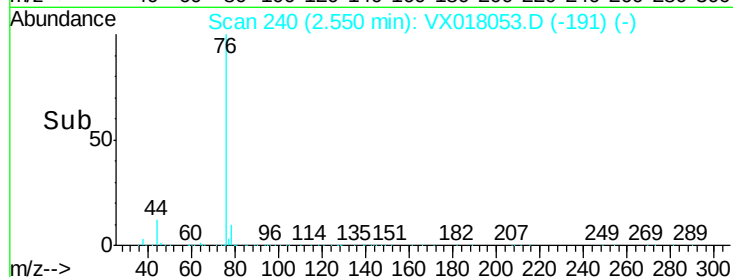
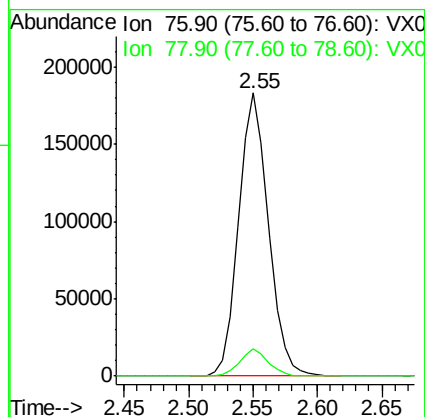
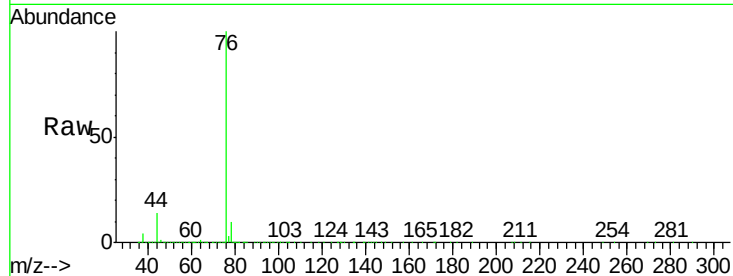
78 9.7 7.4 11.0

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#18

Methyl Acetate

Concen: 17.047 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018053.D

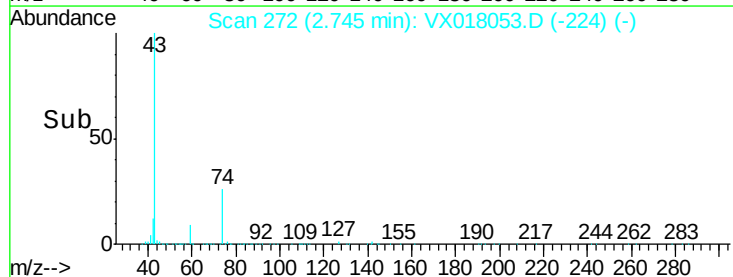
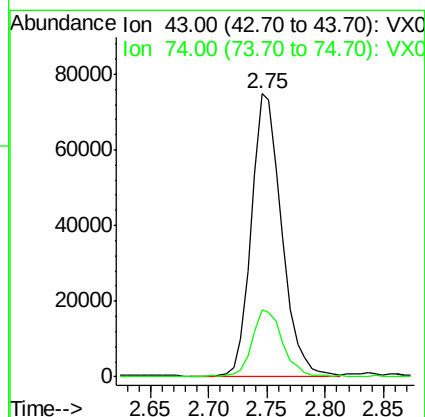
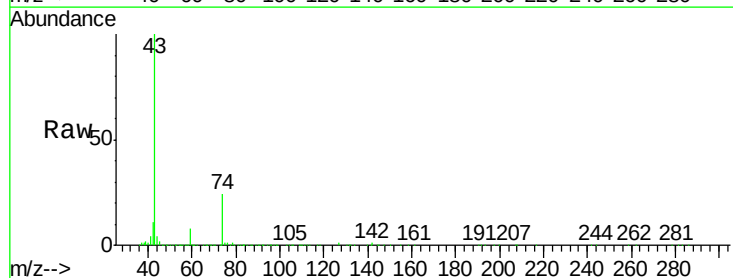
Acq: 21 Aug 2020 13:05

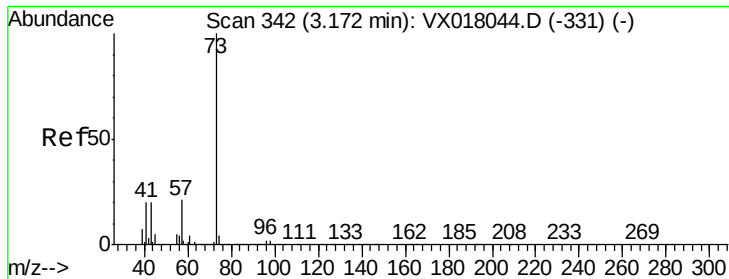
Tgt Ion: 43 Resp: 134943

Ion Ratio Lower Upper

43 100

74 24.3 18.2 27.4





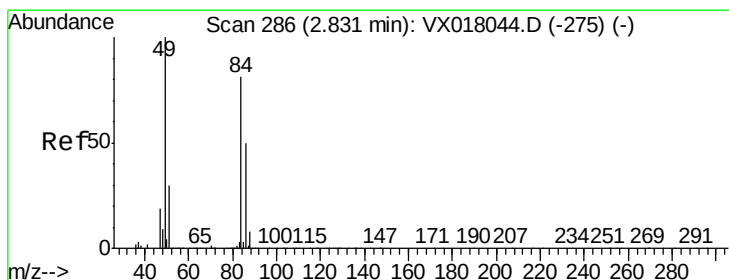
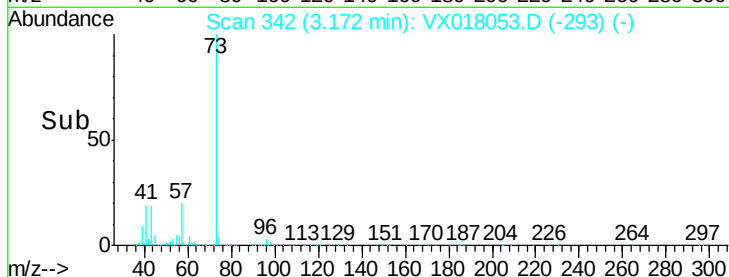
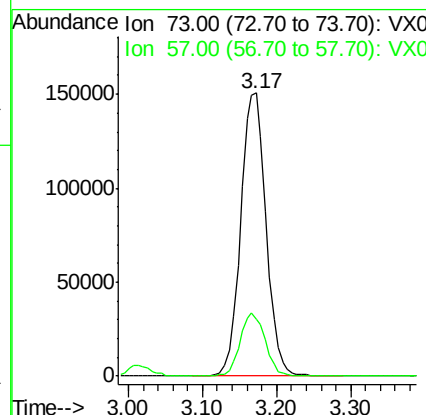
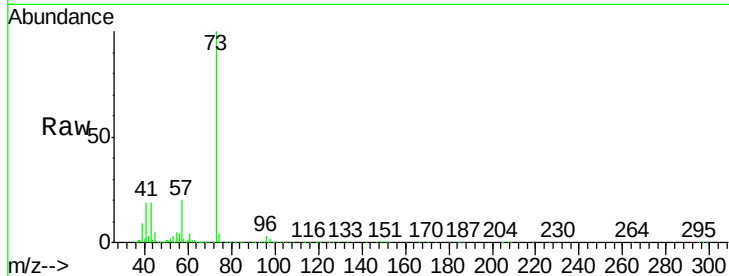
#19
Methyl tert-butyl Ether
Concen: 17.616 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	16.8	25.2

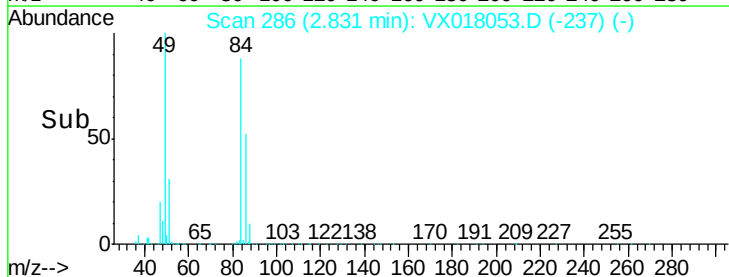
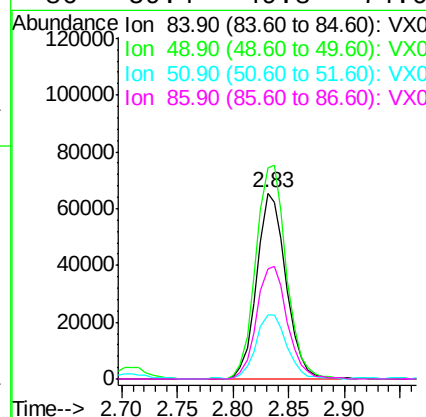
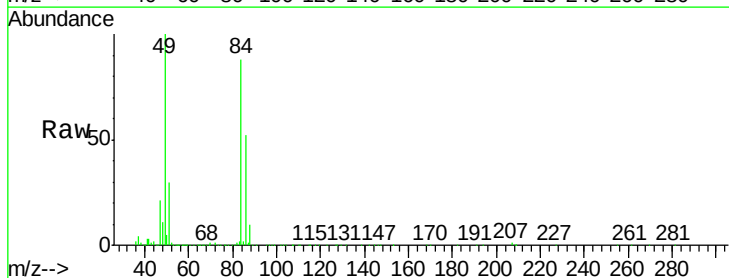
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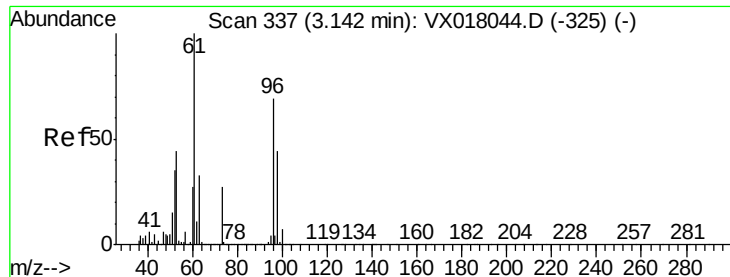
sam
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#20
Methylene Chloride
Concen: 17.187 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.9	98.6	148.0
51	34.5	29.6	44.4
86	59.4	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 16.724 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

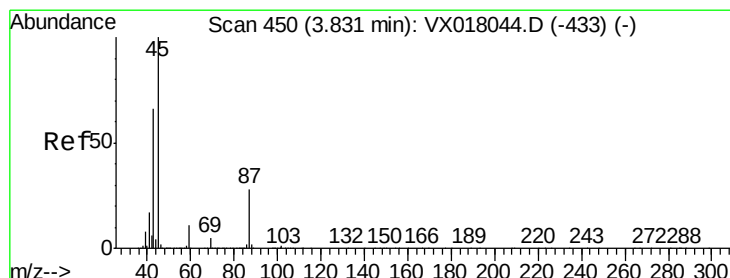
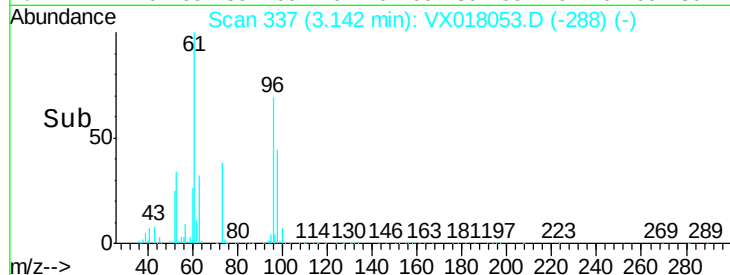
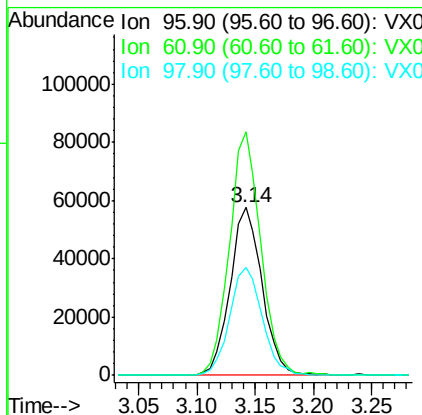
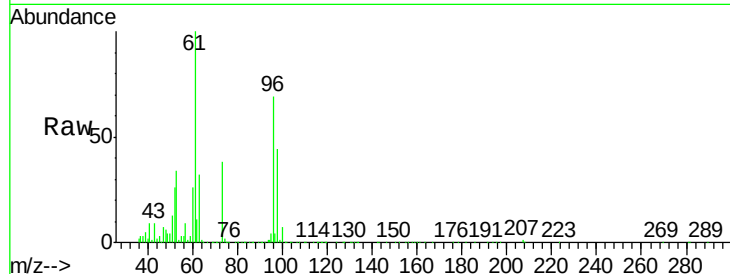
ClientSampleId :

VX0821WBSD02

Tot Ion:	96	Resp:	109805
Ion Ratio	Lower	Upper	
96	100		
61	145.1	115.4	173.0
98	64.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 18.205 ug/l

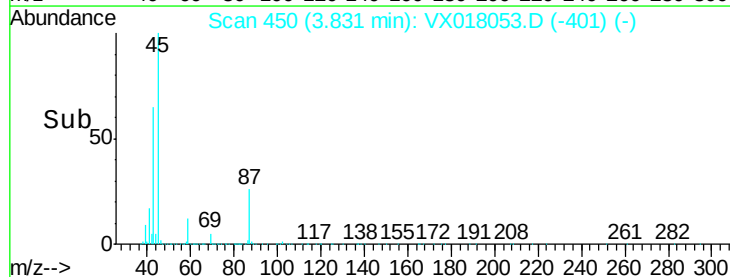
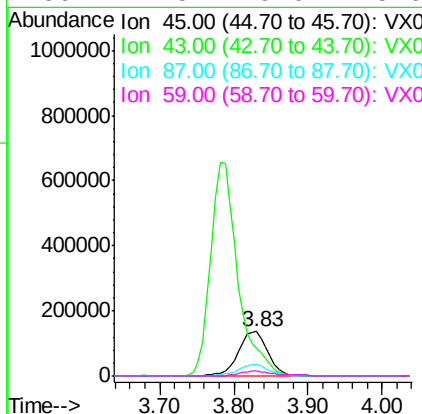
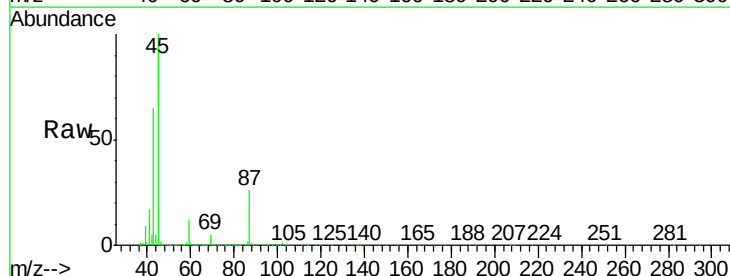
RT: 3.83 min Scan# 450

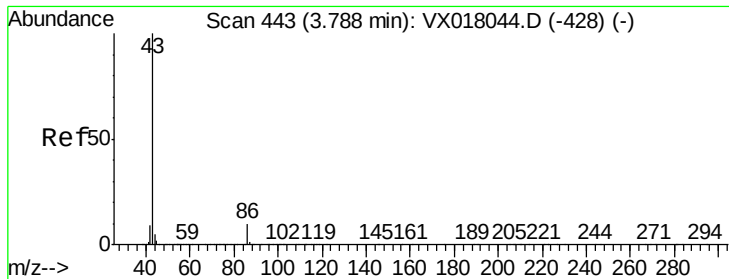
Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	45	Resp:	382562
Ion Ratio	Lower	Upper	
45	100		
43	64.0	52.8	79.2
87	26.0	22.5	33.7
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 89.711 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 43 Resp: 1677518

Ion Ratio Lower Upper

43 100

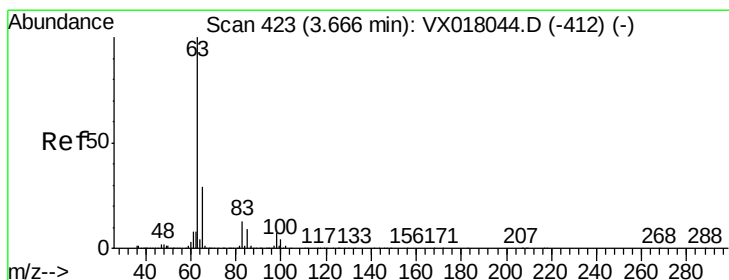
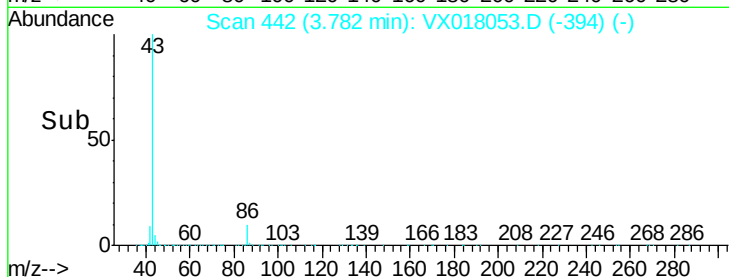
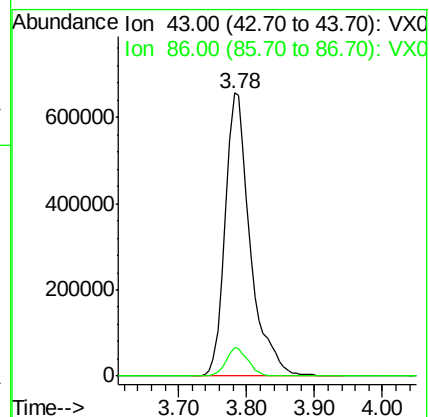
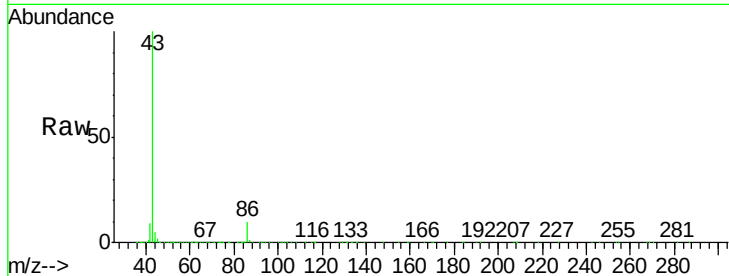
86 10.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 17.565 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

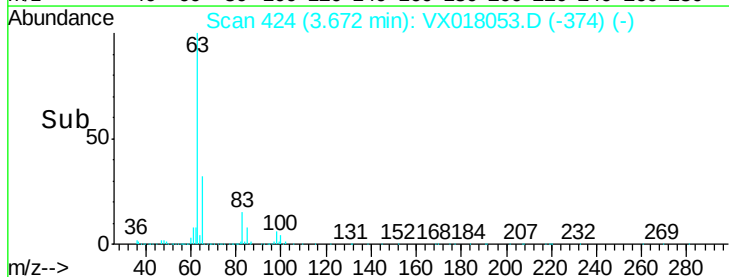
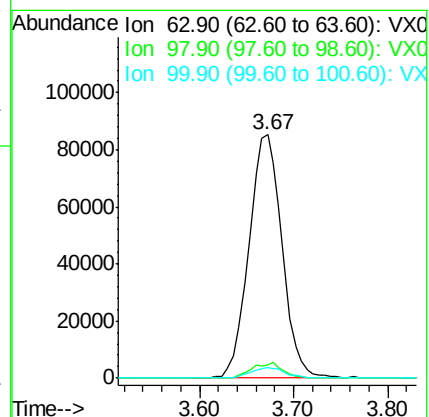
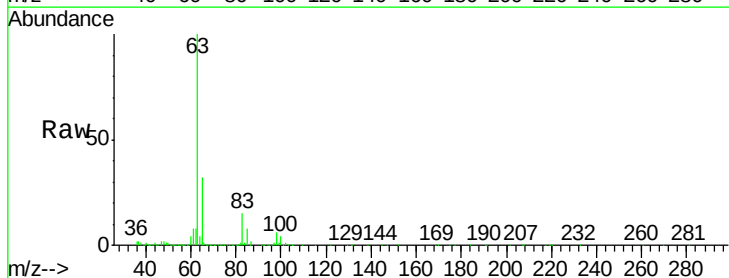
Tgt Ion: 63 Resp: 210122

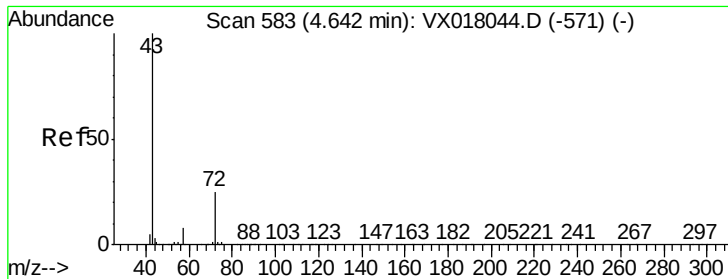
Ion Ratio Lower Upper

63 100

98 5.6 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 81.984 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tot Ion: 43 Resp: 442000

Ion Ratio Lower Upper

43 100

72 25.9 19.8 29.6

Instrument :

MSVOA_X

ClientSampled :

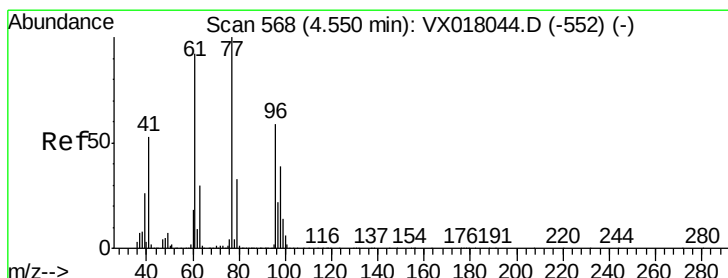
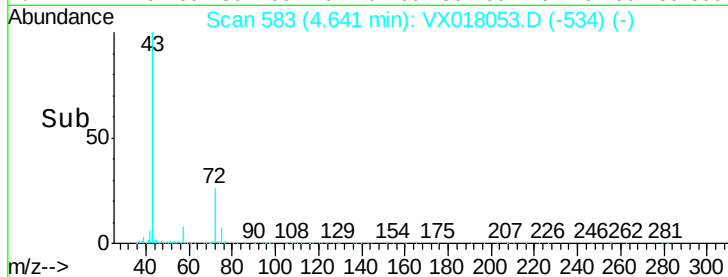
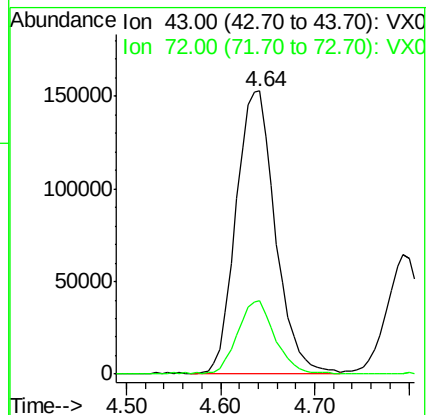
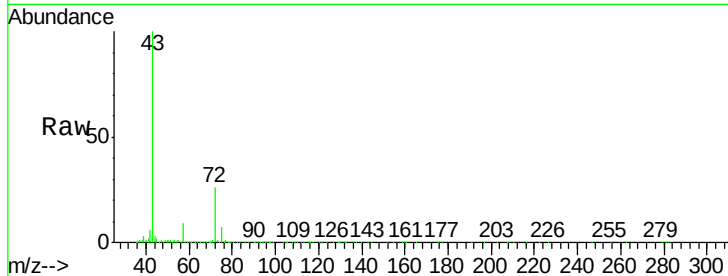
VX0821WBSD02

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#26

2,2-Dichloropropane

Concen: 19.157 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018053.D

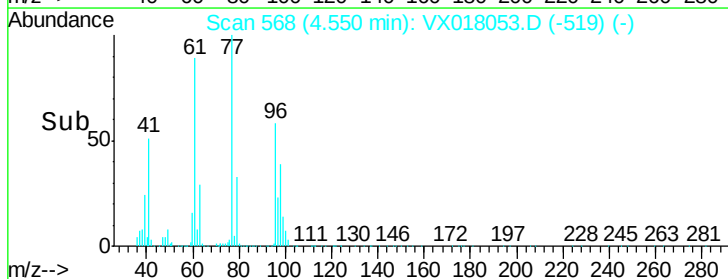
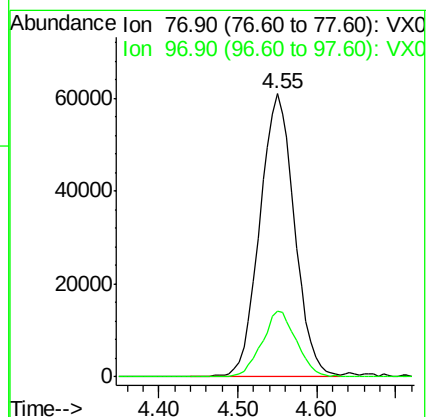
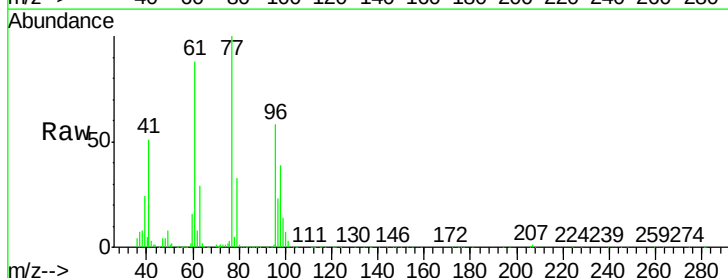
Acq: 21 Aug 2020 13:05

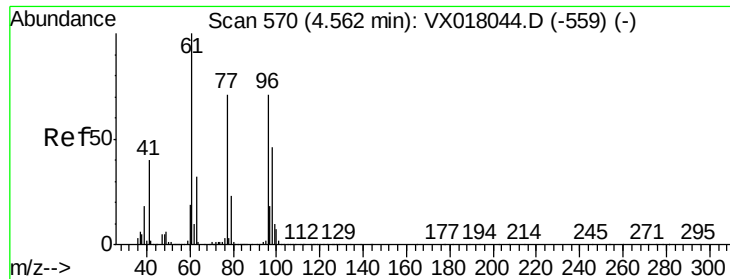
Tgt Ion: 77 Resp: 186463

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

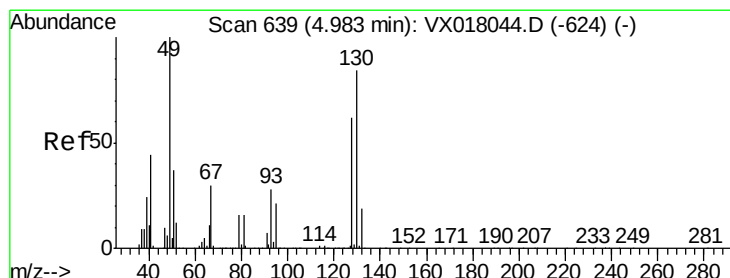
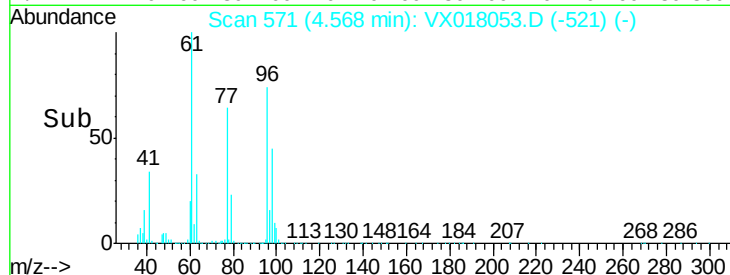
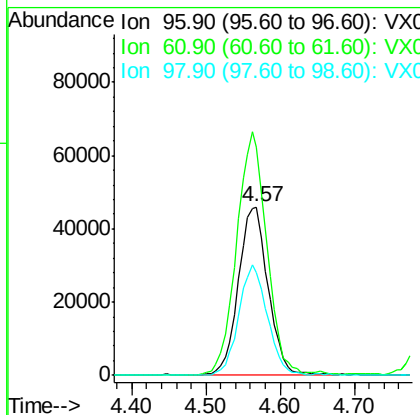
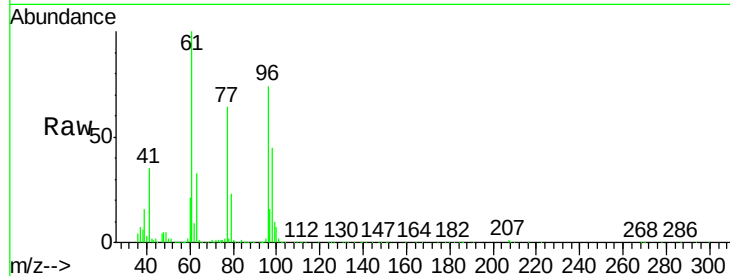
cis-1,2-Dichloroethene
Concen: 17.089 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129277		
61	146.0	0.0	296.6	
98	63.3	0.0	130.2	

Manual Integrations
APPROVED

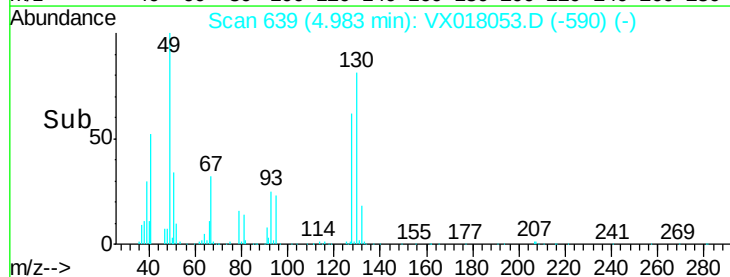
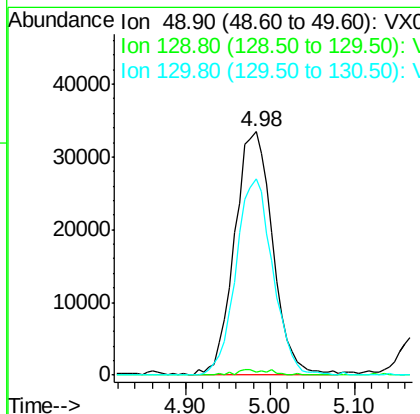
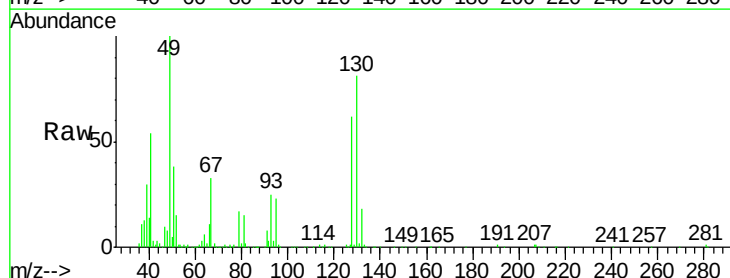
sam
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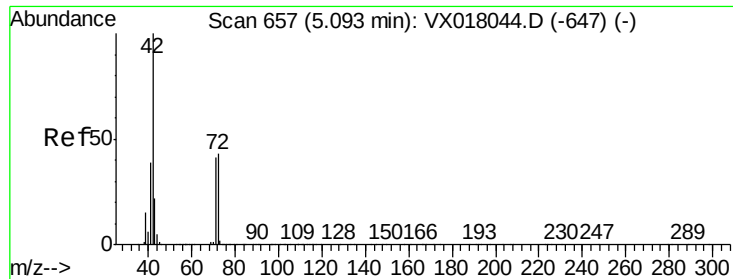


#28

Bromochloromethane
Concen: 17.808 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102825		
129	1.0	0.0	4.6	
130	78.0	64.6	96.8	





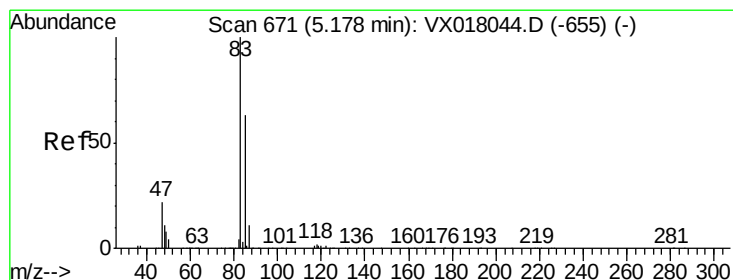
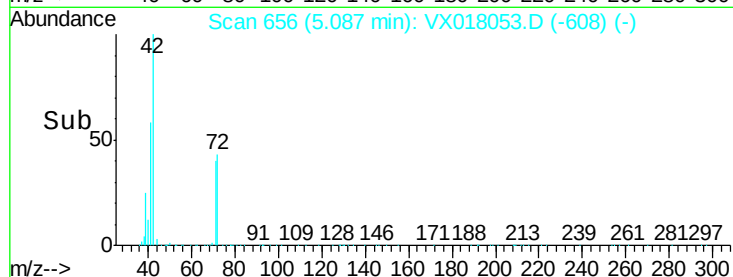
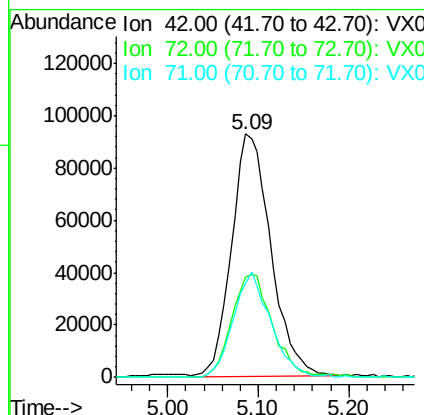
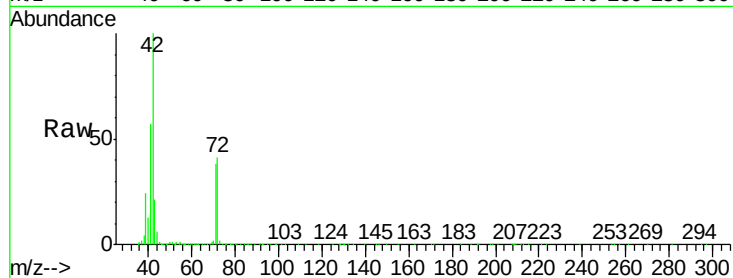
#29
Tetrahydrofuran
Concen: 81.046 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.4
71	41.0	32.1	48.1

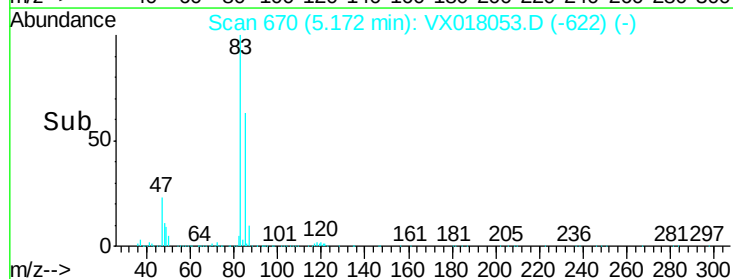
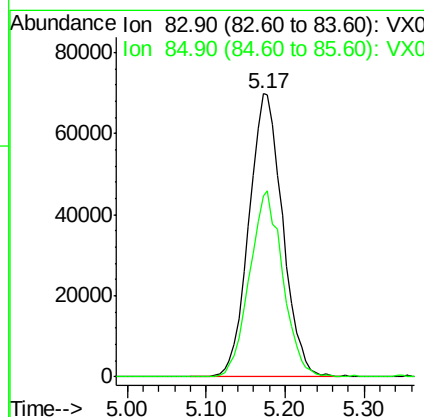
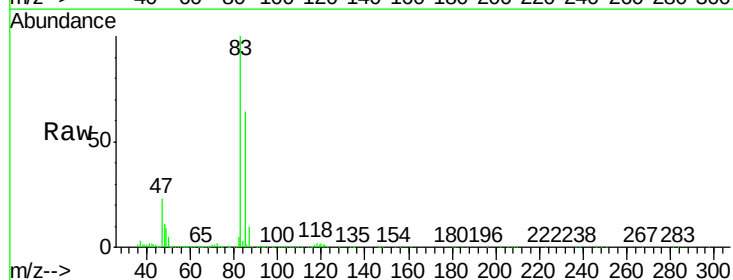
Manual Integrations
APPROVED

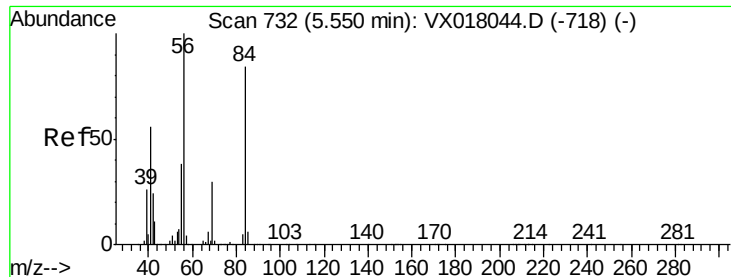
sam
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#30
Chloroform
Concen: 16.771 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1





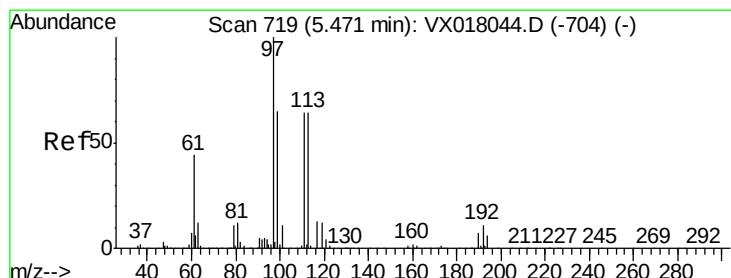
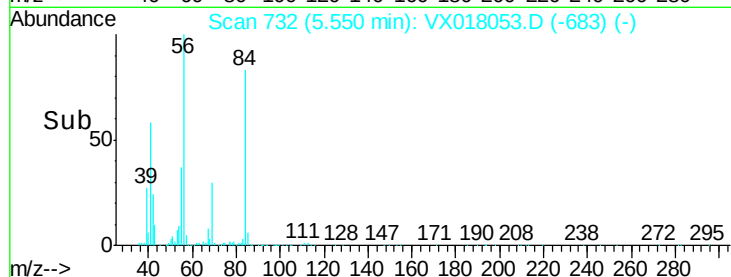
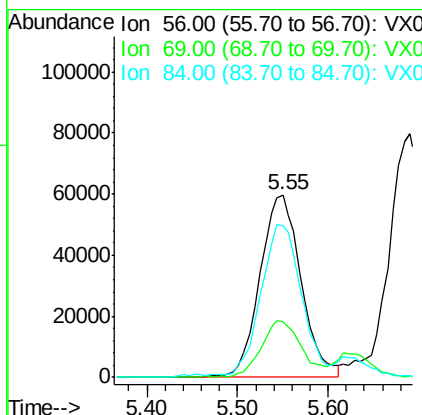
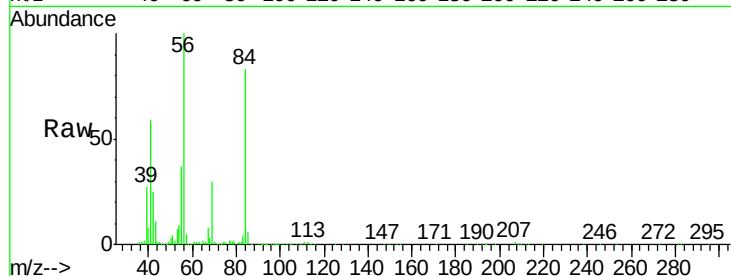
#31
Cyclohexane
Concen: 18.515 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.9	35.9
84	82.2	67.0	100.4

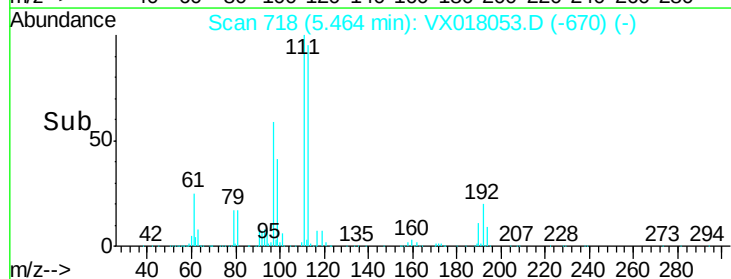
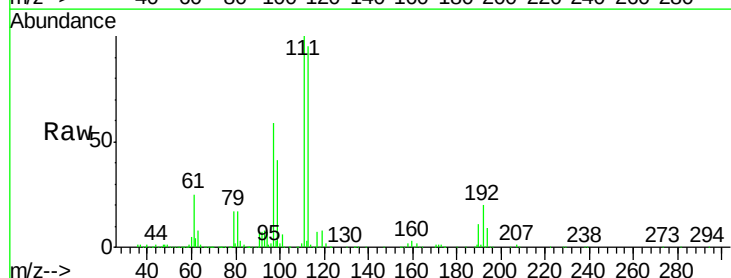
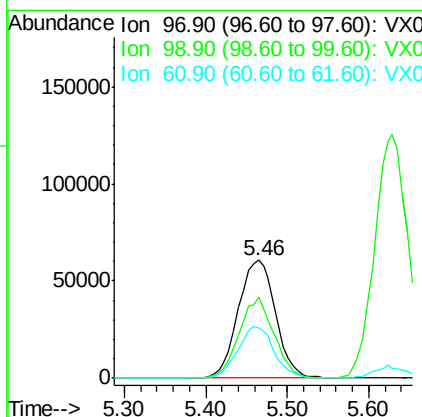
Manual Integrations
APPROVED

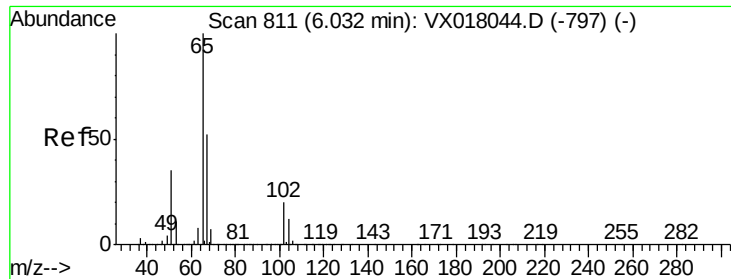
sam
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#32
1,1,1-Trichloroethane
Concen: 16.971 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	42.4	34.2	51.4





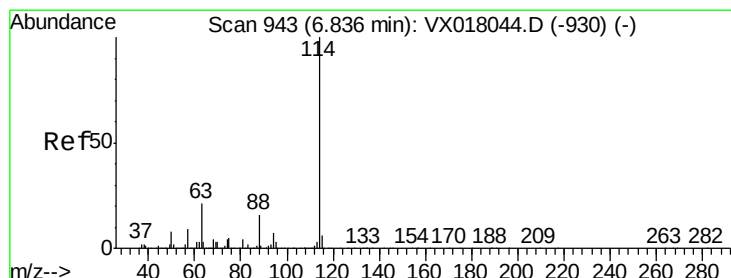
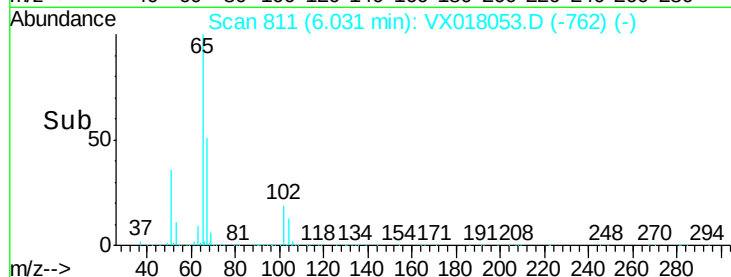
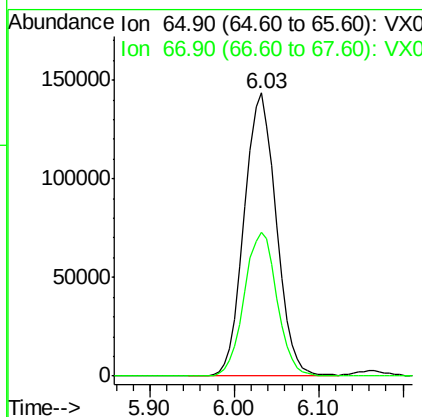
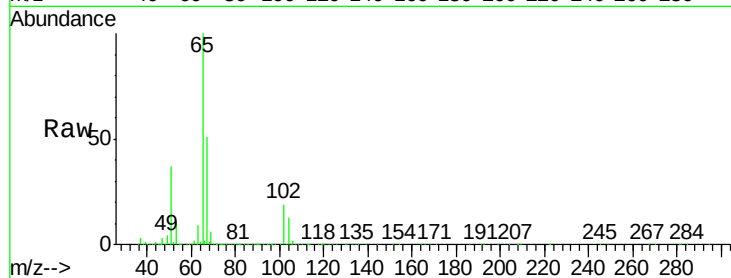
#33
 1,2-Dichloroethane-d4
 Concen: 44.043 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.8

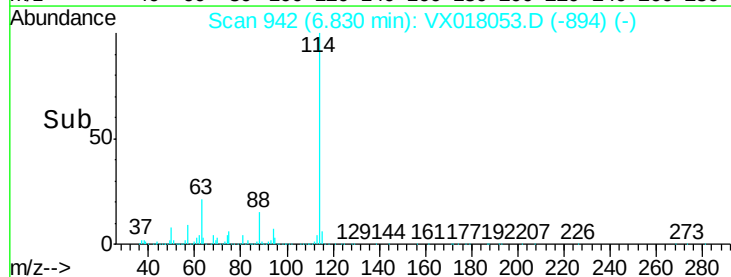
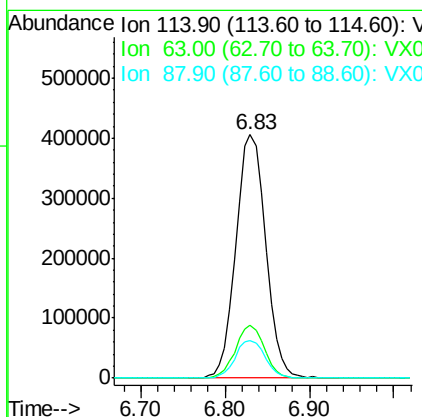
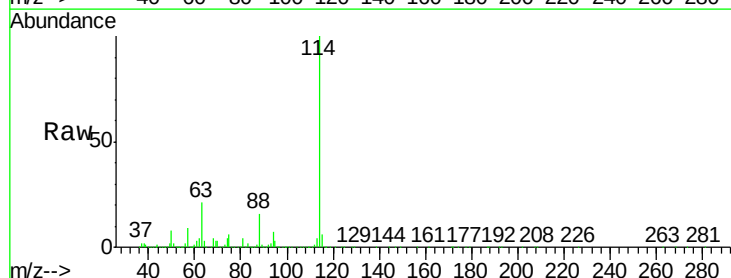
Manual Integrations
 APPROVED

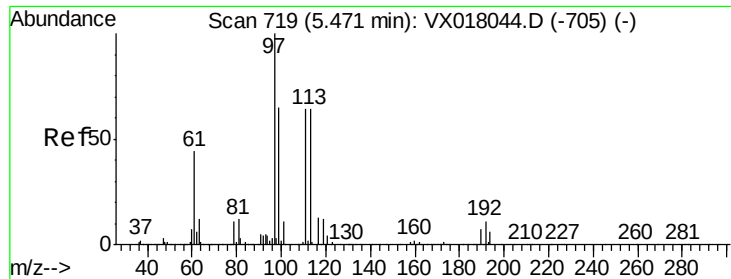
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	15.5	0.0	31.8





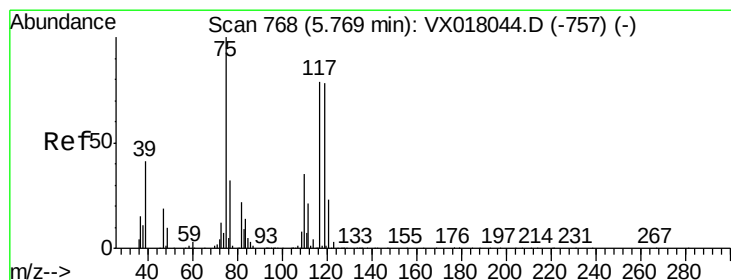
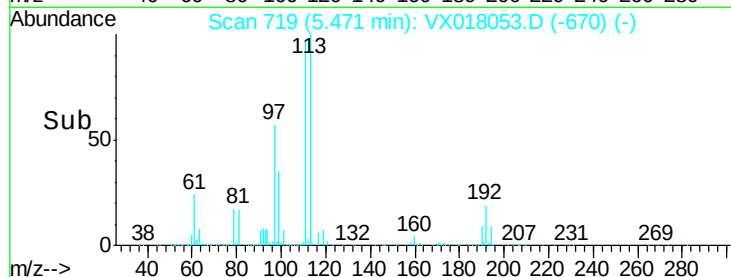
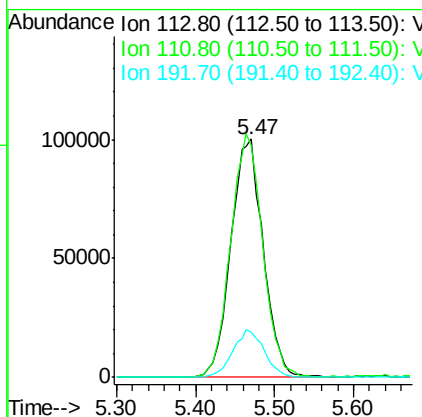
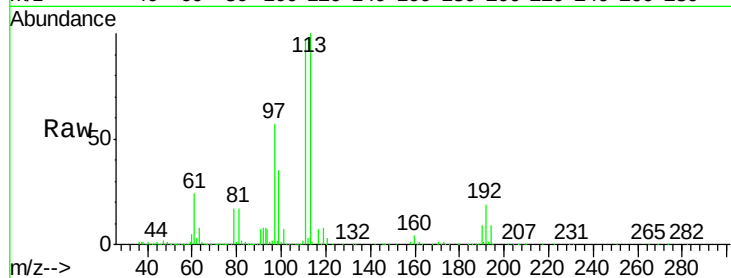
#35
 Dibromofluoromethane
 Concen: 43.207 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	285580		
111	101.3		81.6	122.4
192	19.4		15.8	23.8

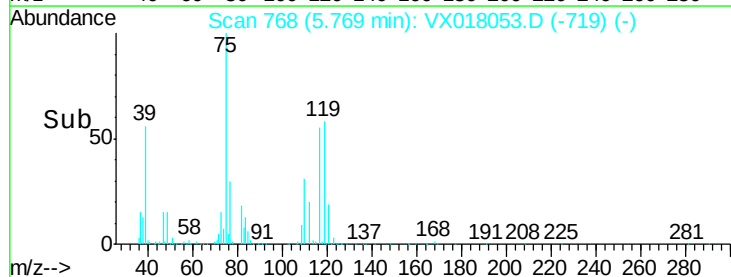
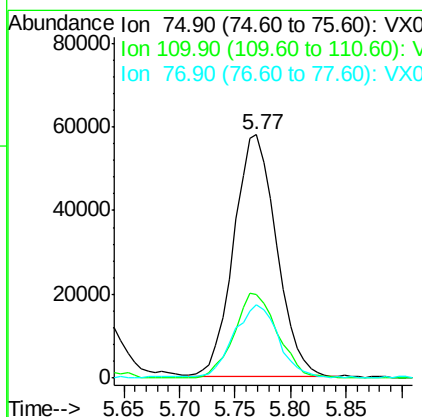
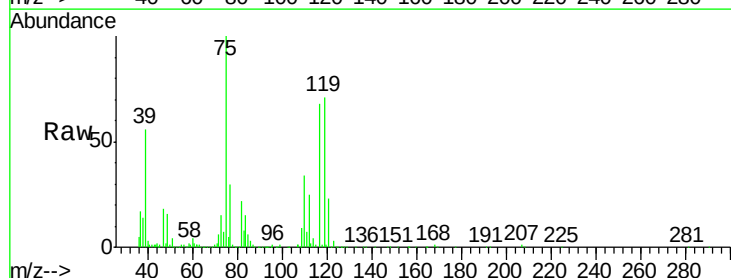
Manual Integrations
 APPROVED

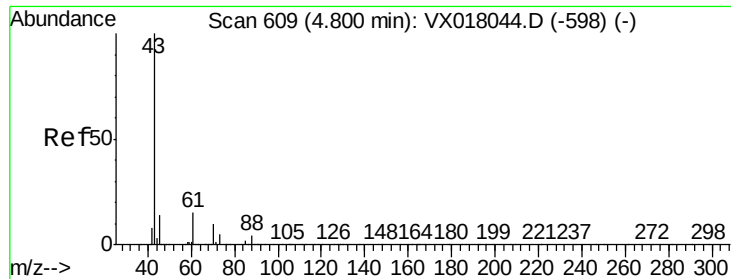
sam
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#36
 1,1-Dichloropropene
 Concen: 17.241 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	154334		
110	35.8		18.0	54.0
77	31.7		24.4	36.6





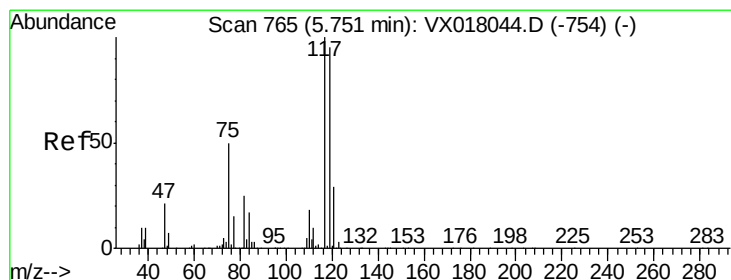
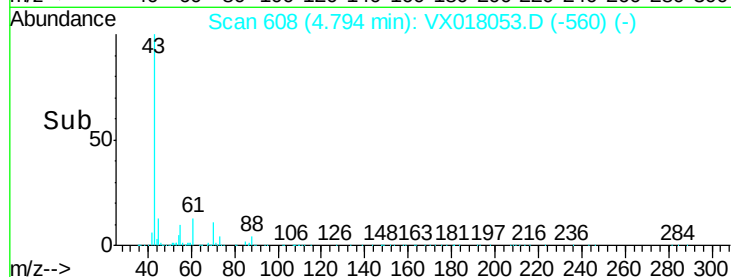
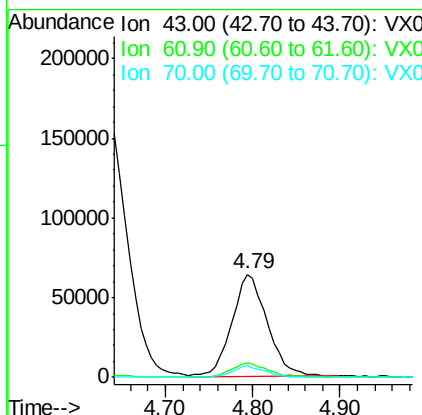
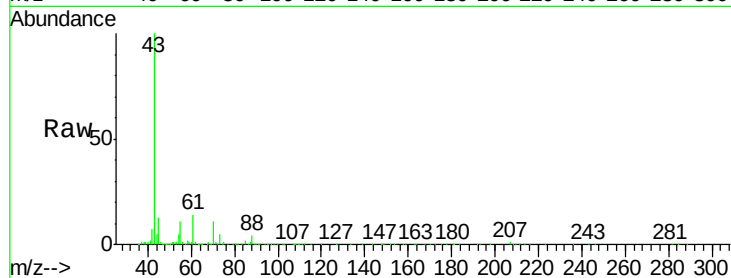
#37
Ethyl Acetate
Concen: 17.211 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.7	8.2	12.4

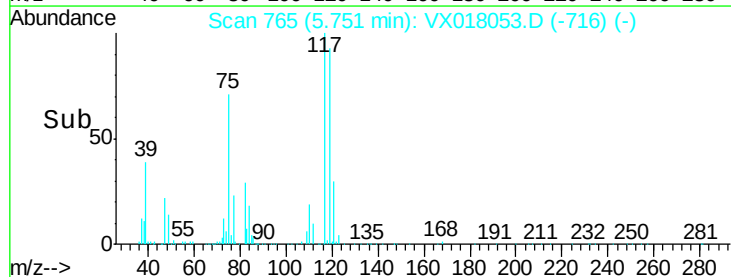
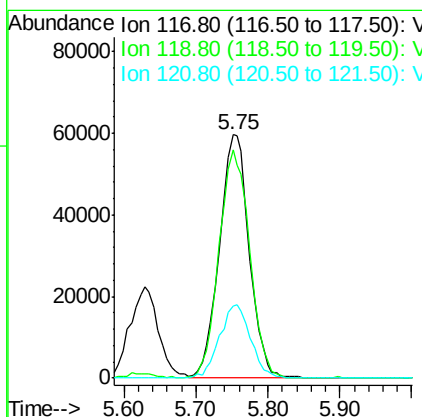
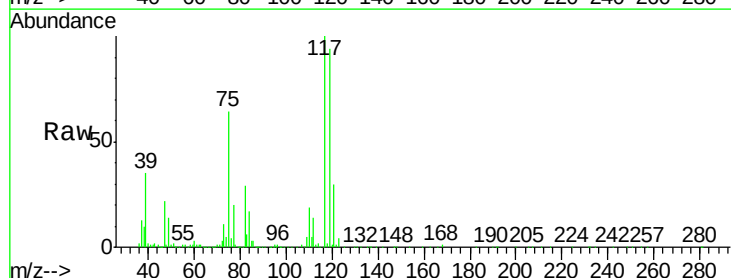
Manual Integrations
APPROVED

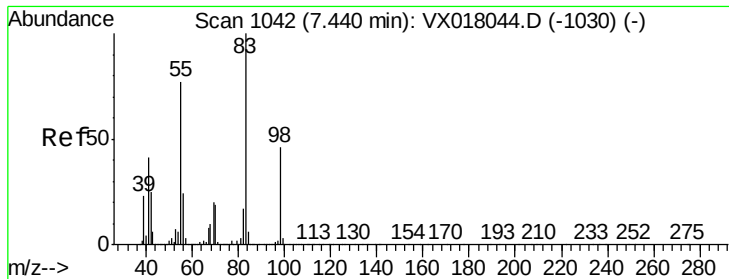
sam
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#38
Carbon Tetrachloride
Concen: 17.034 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.8	113.6
121	29.6	23.4	35.0





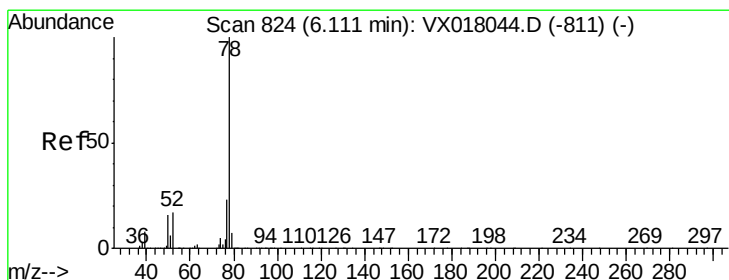
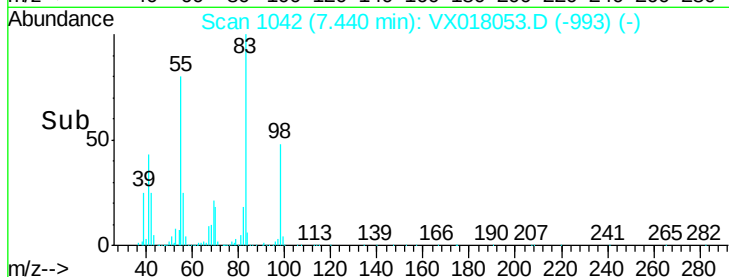
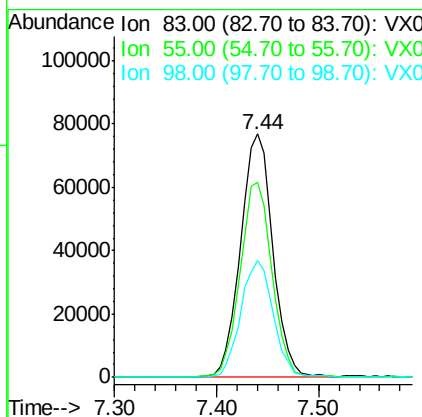
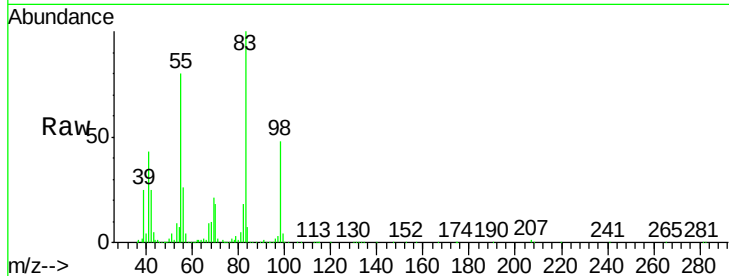
#39
Methylvlcyclohexane
Concen: 17.297 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.8	92.6
98	48.2	36.6	55.0

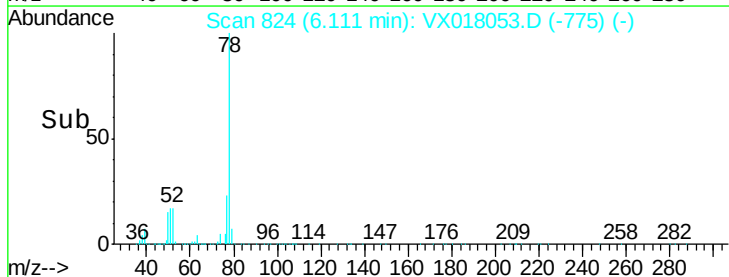
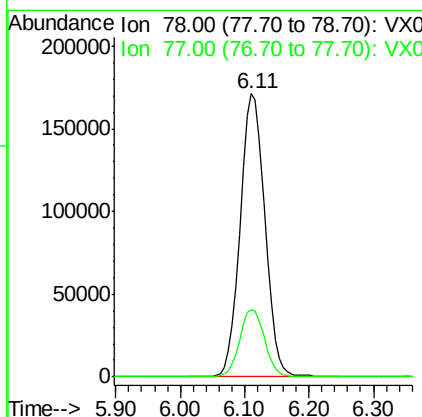
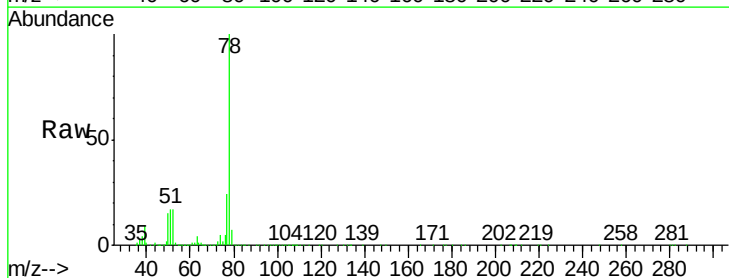
Manual Integrations
APPROVED

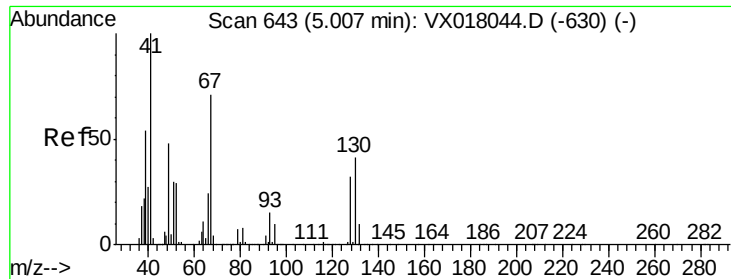
sam
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#40
Benzene
Concen: 17.229 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





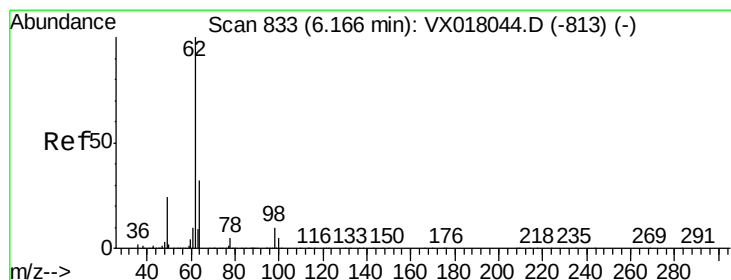
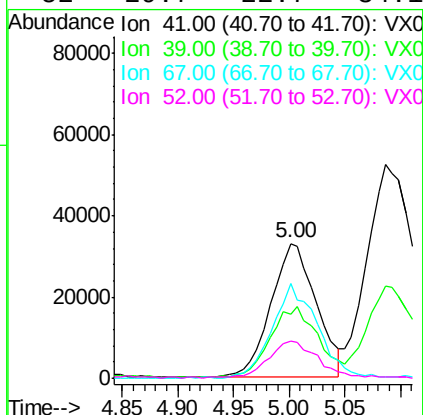
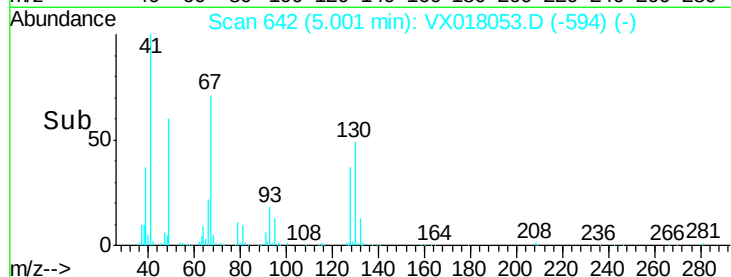
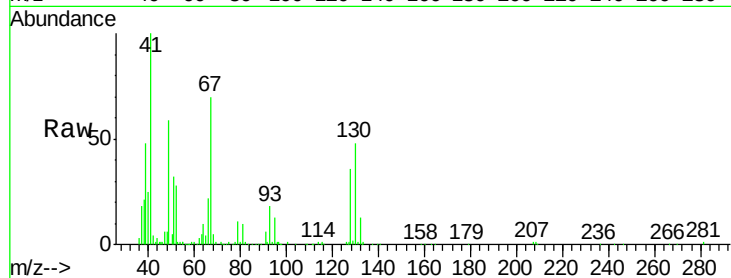
#41
Methacrylonitrile
Concen: 16.370 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	43.1	64.7	
67	70.7	56.0	84.0	
52	29.7	22.7	34.1	

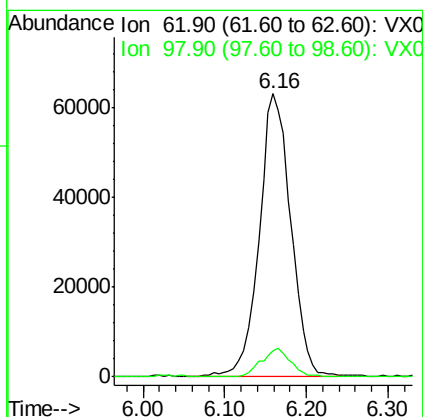
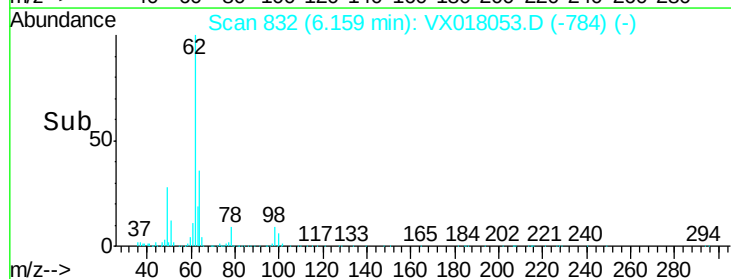
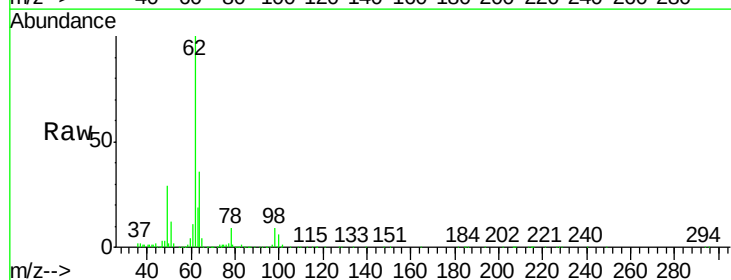
Manual Integrations
APPROVED

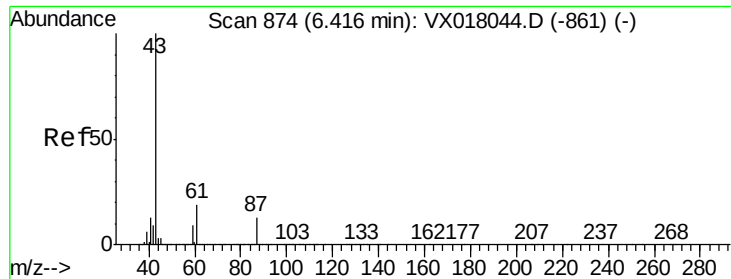
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#42
1,2-Dichloroethane
Concen: 16.770 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	18.2	





#43

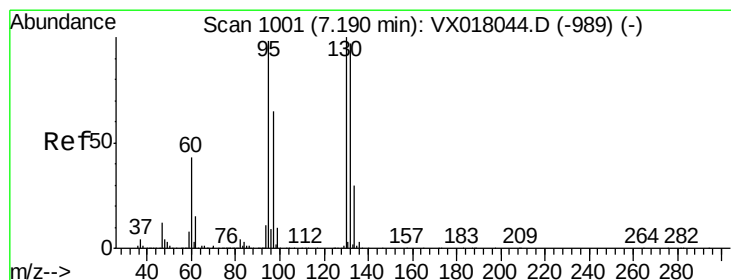
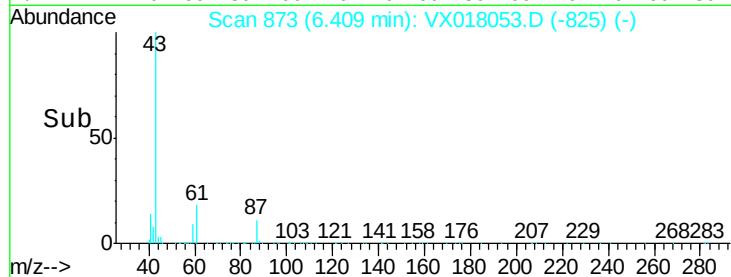
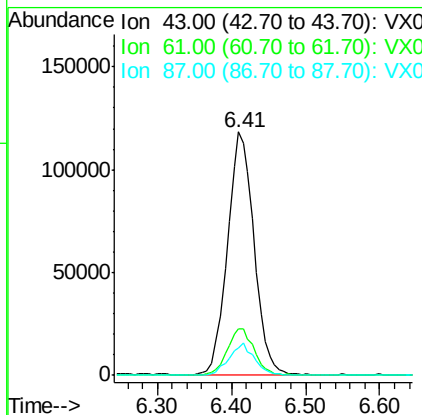
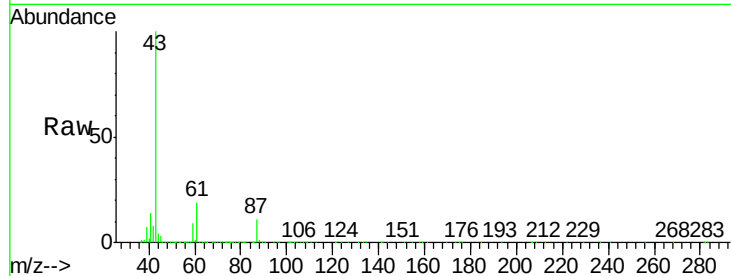
Isopropyl Acetate
 Concen: 17.463 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	12.8	10.3	15.5

Manual Integrations
 APPROVED

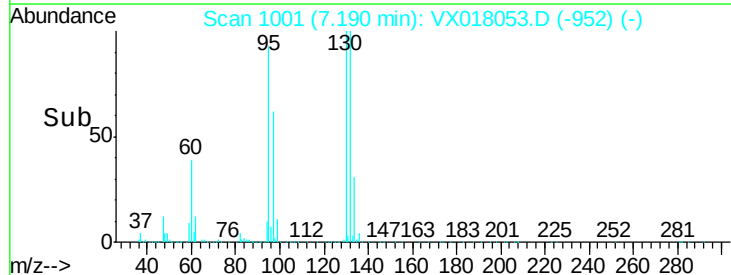
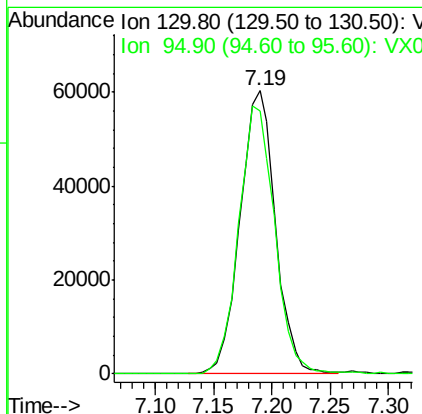
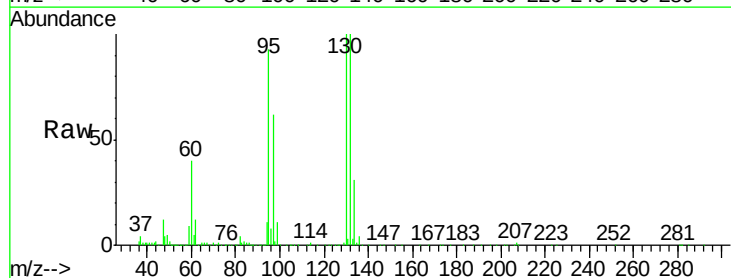
sam
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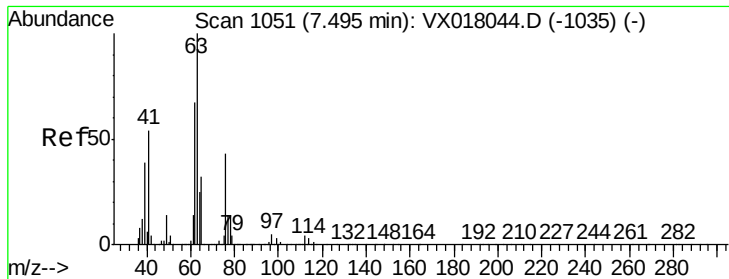


#44

Trichloroethene
 Concen: 17.102 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 16.608 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 63 Resp: 117738

Ion Ratio Lower Upper

63 100

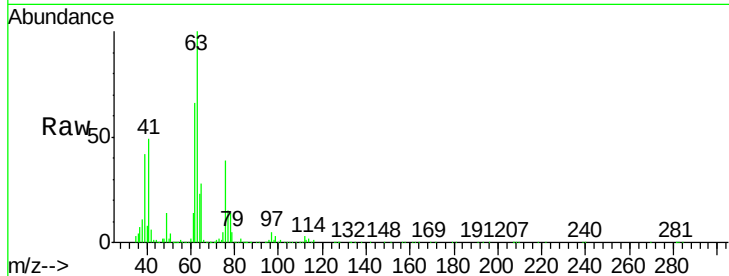
65 28.1 25.7 38.5

Manual Integrations

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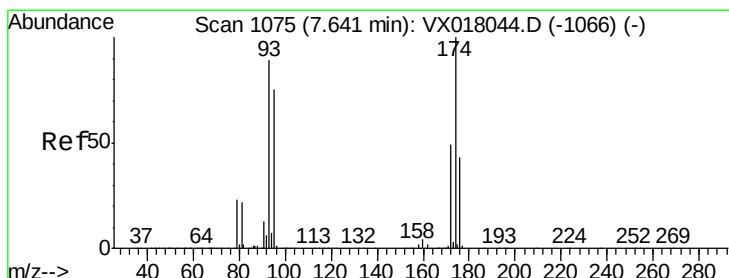
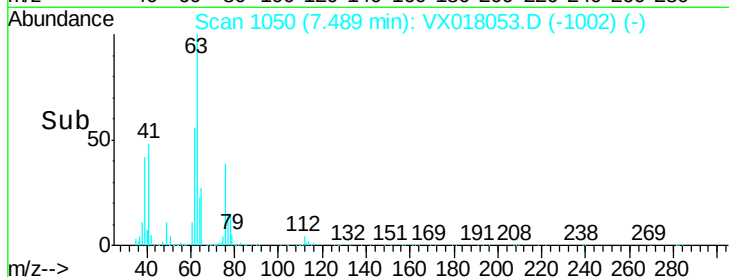
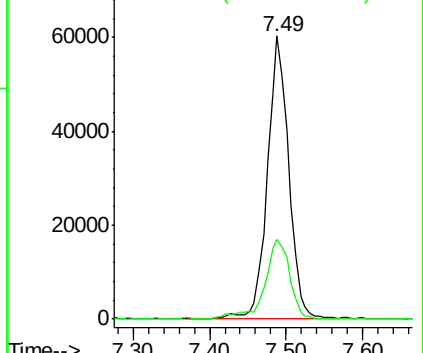
sam

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.465 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

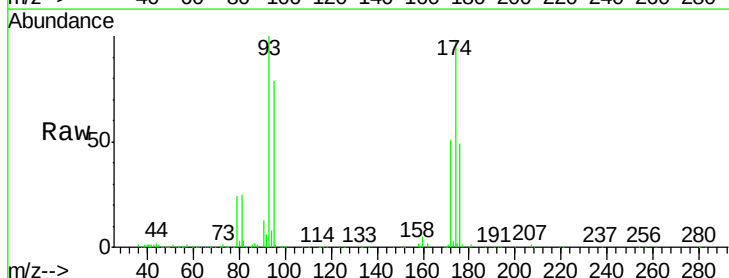
Tgt Ion: 93 Resp: 82080

Ion Ratio Lower Upper

93 100

95 81.7 67.3 100.9

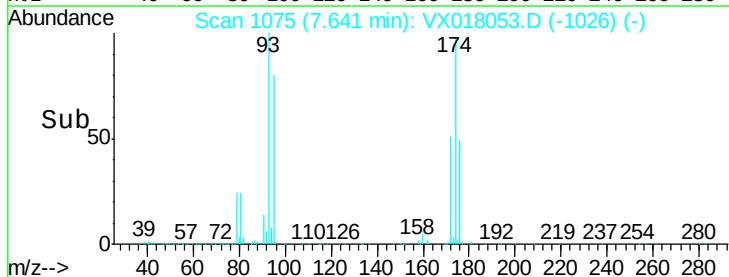
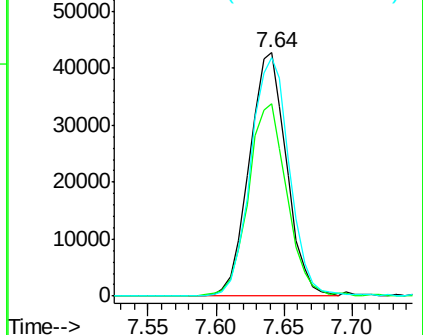
174 101.7 82.2 123.2

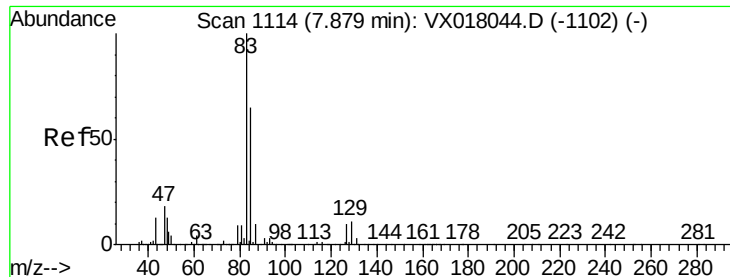


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.568 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

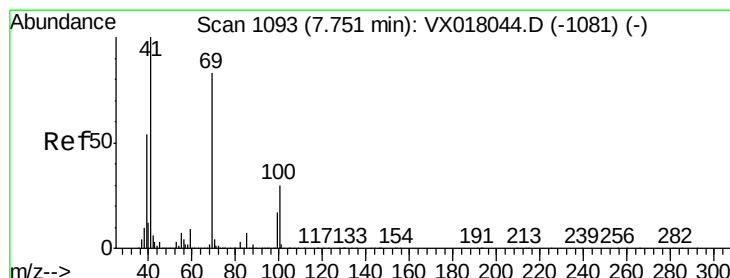
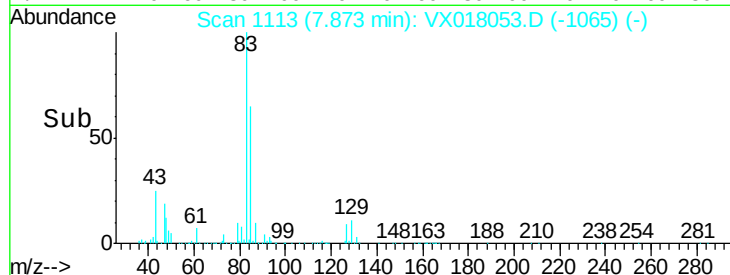
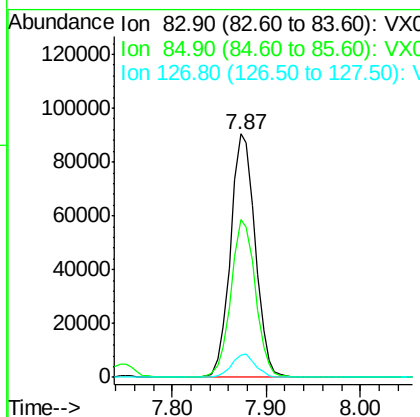
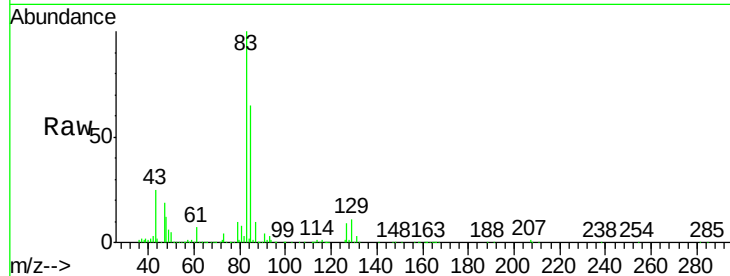
ClientSampleId :

VX0821WBSD02

Tot Ion:	83	Resp:	164918
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 15.714 ug/l

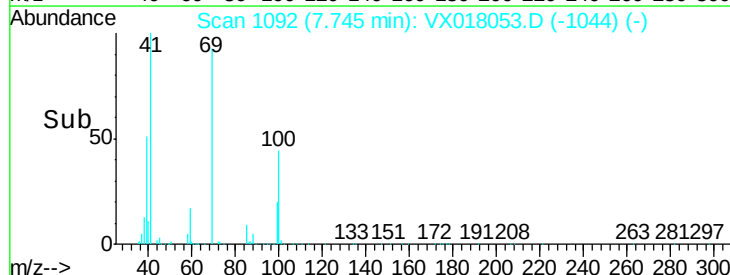
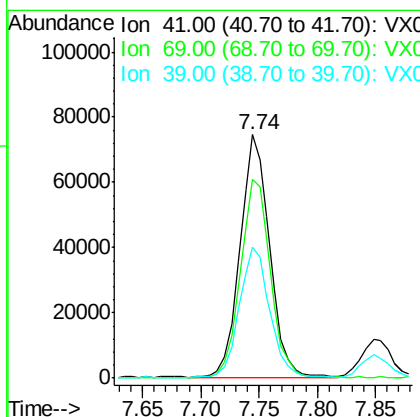
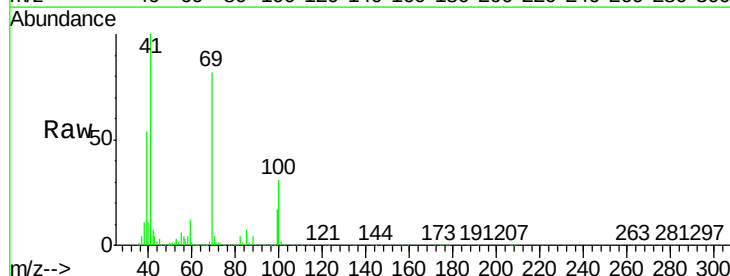
RT: 7.74 min Scan# 1092

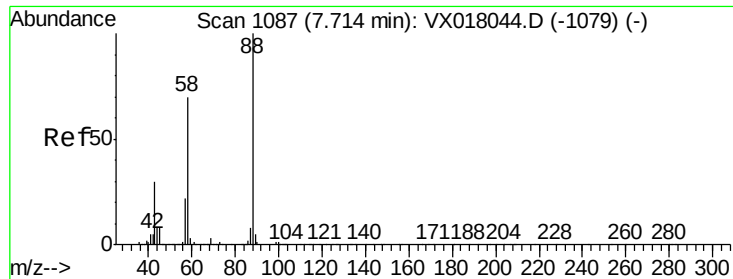
Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	41	Resp:	131361
Ion Ratio	Lower	Upper	
41	100		
69	83.6	65.5	98.3
39	55.4	44.5	66.7





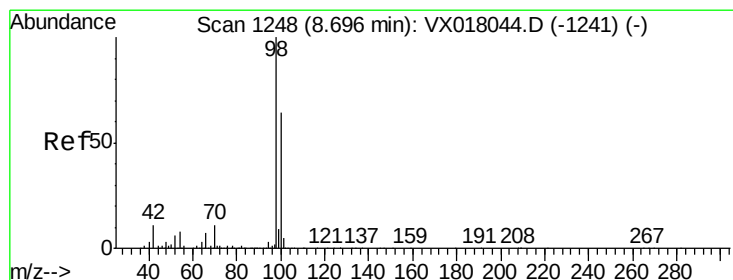
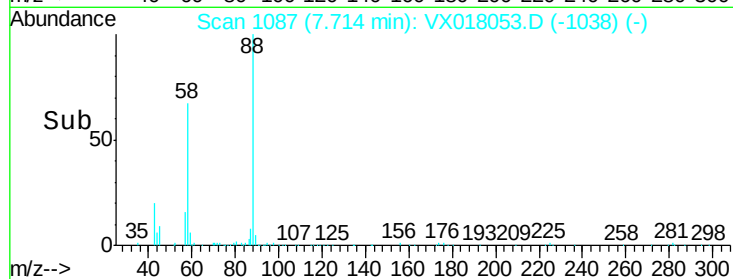
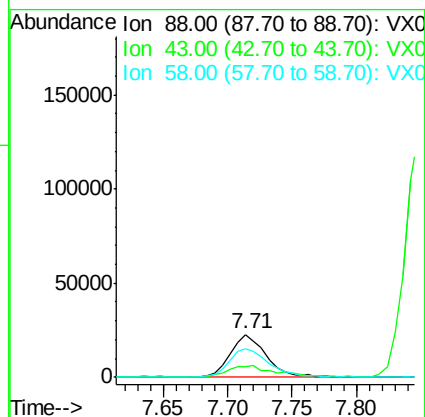
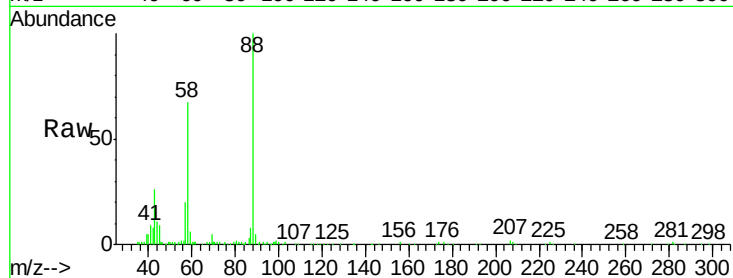
#49
1,4-Dioxane
Concen: 294.737 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.4	41.0
58	74.0	56.4	84.6

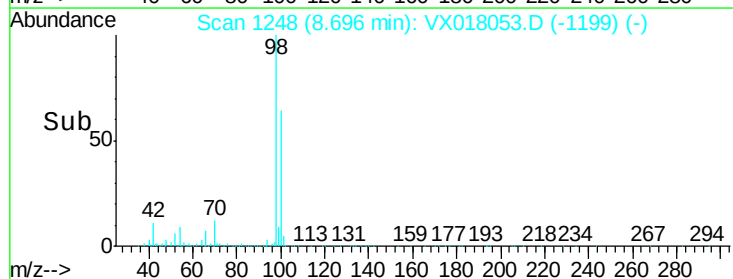
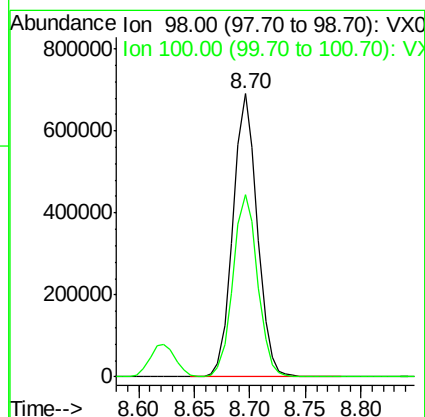
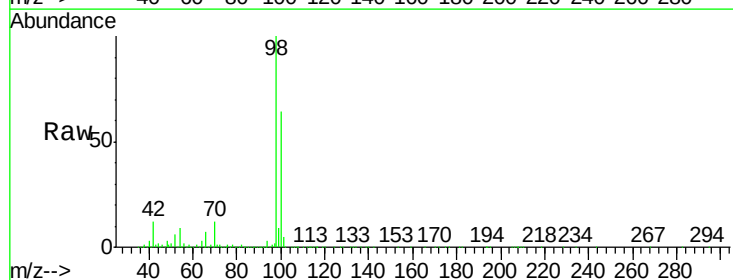
Manual Integrations
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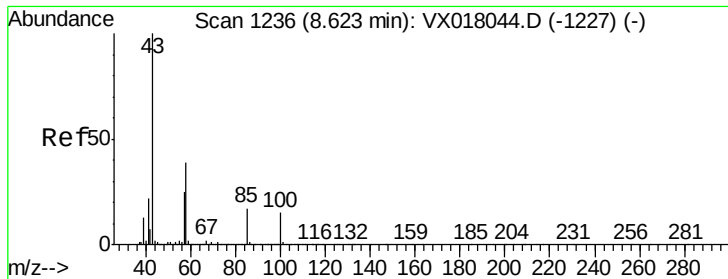
sam
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#50
Toluene-d8
Concen: 42.458 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4





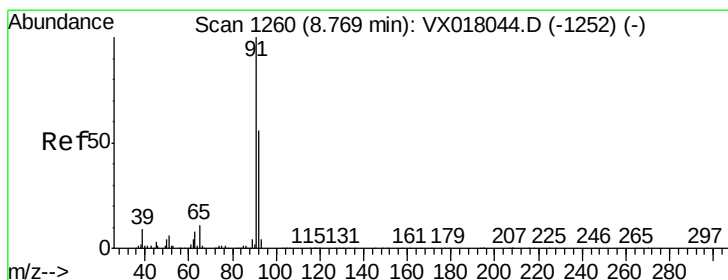
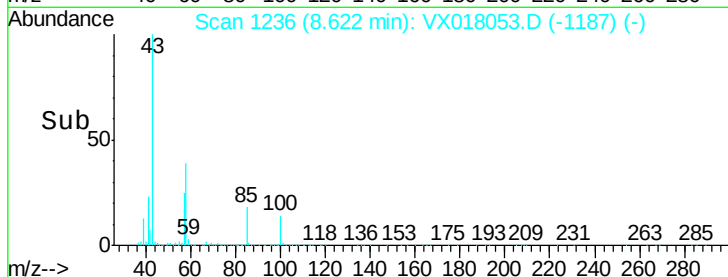
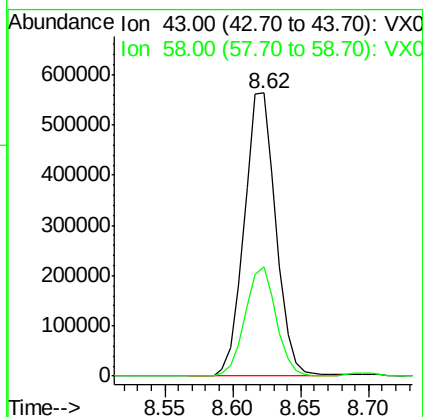
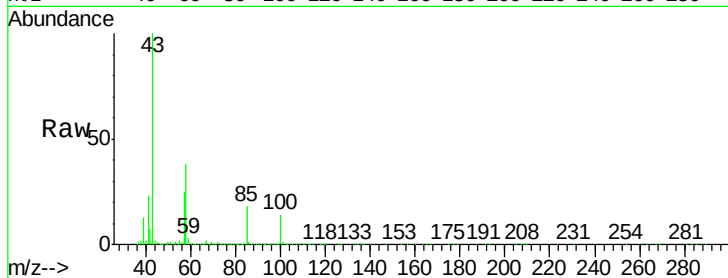
#51
4-Methyl-2-Pentanone
Concen: 88.135 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion: 43 Resp: 914209
Ion Ratio Lower Upper
43 100
58 37.7 30.7 46.1

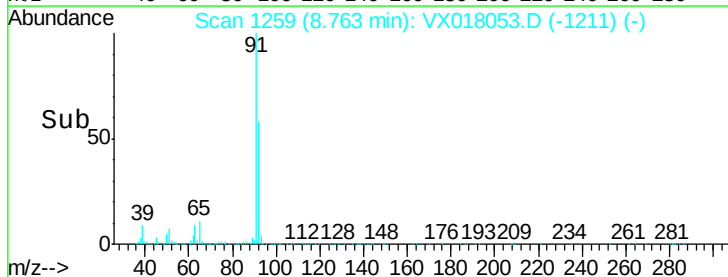
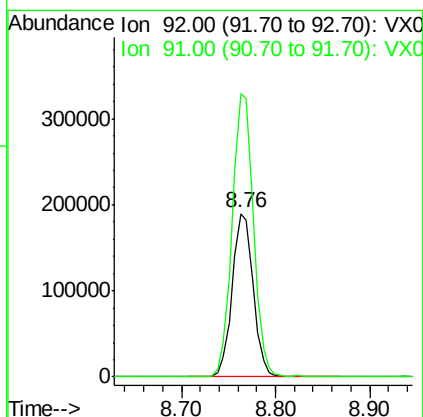
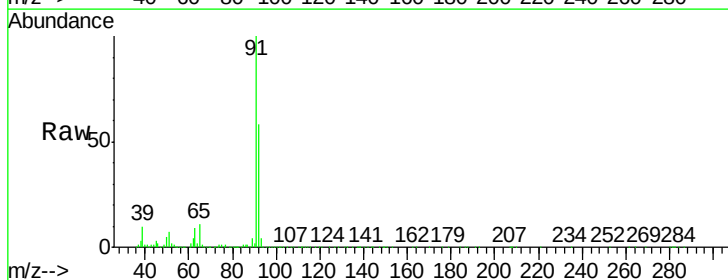
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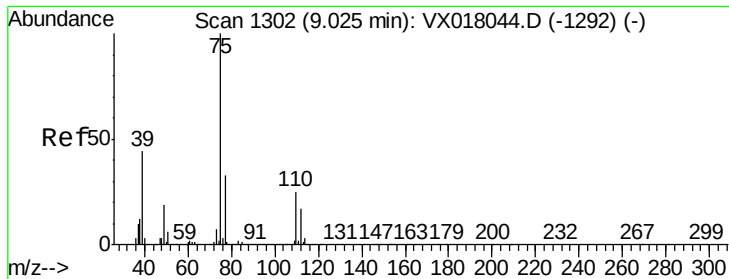
sam
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#52
Toluene
Concen: 17.543 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 92 Resp: 292595
Ion Ratio Lower Upper
92 100
91 176.1 140.3 210.5





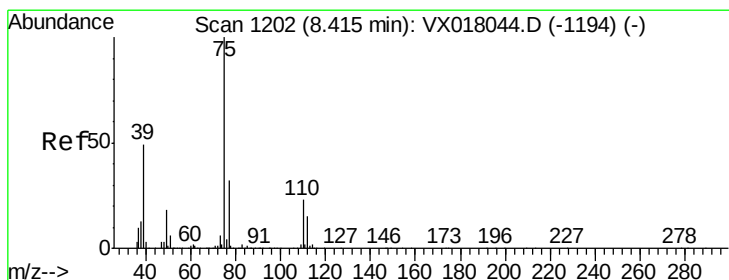
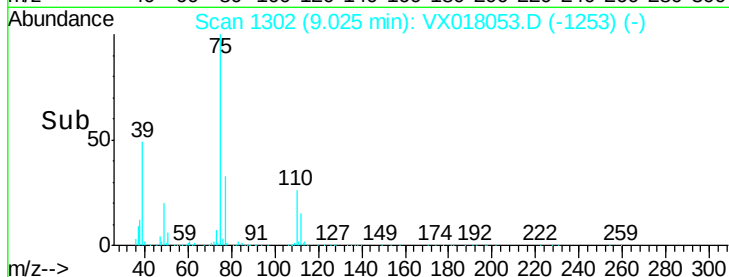
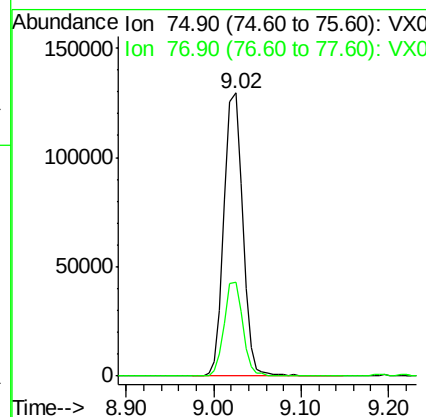
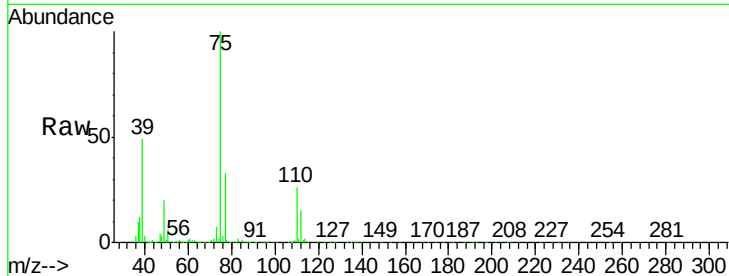
#53
t-1,3-Dichloropropene
Concen: 17.393 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	39.8

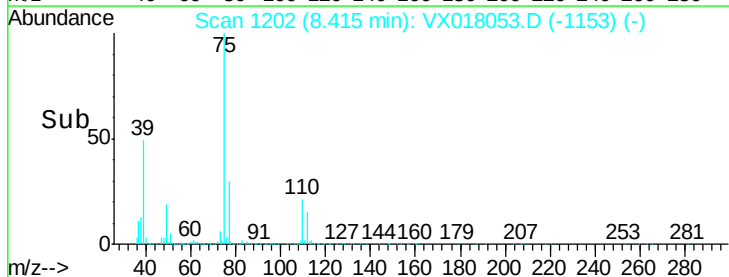
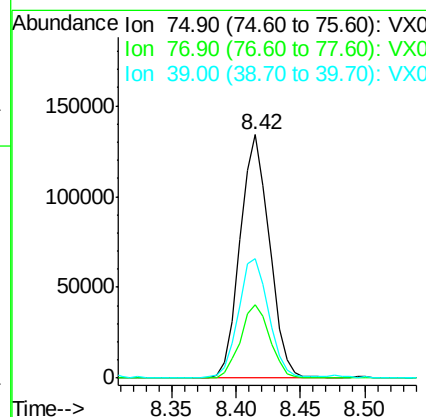
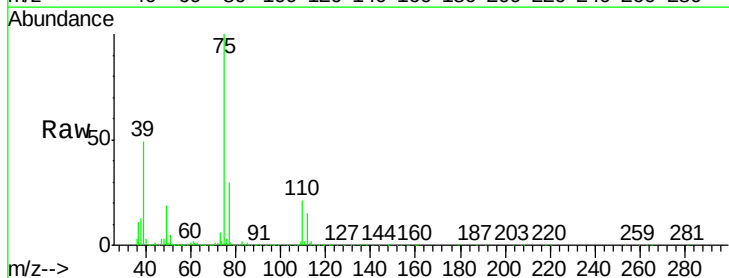
Manual Integrations
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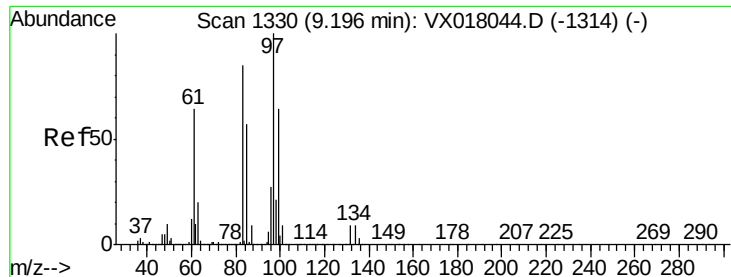
sam
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#54
cis-1,3-Dichloropropene
Concen: 18.240 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.8
39	48.6	38.8	58.2





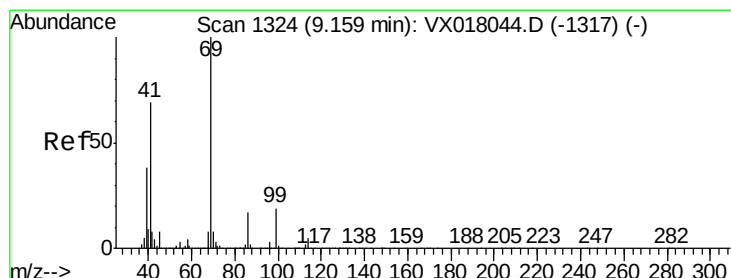
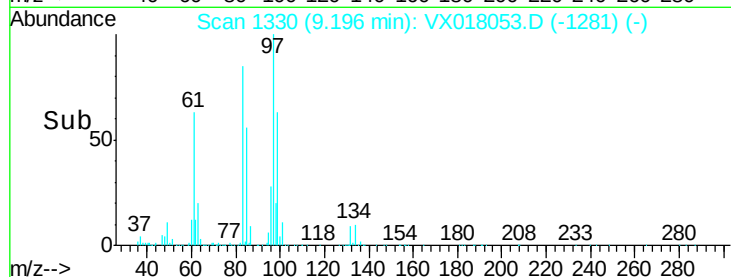
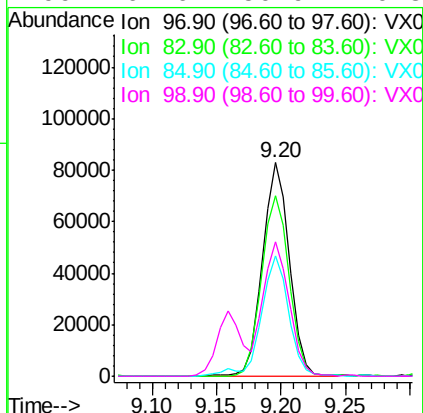
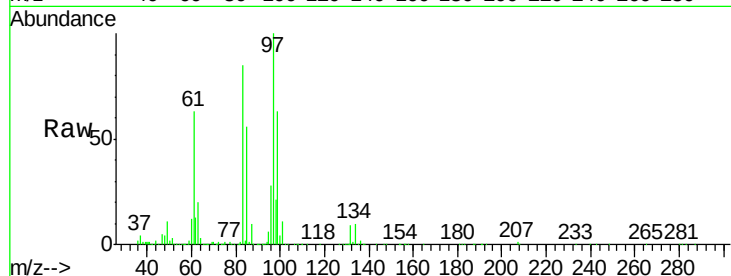
#55
 1,1,2-Trichloroethane
 Concen: 16.867 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		119979		
83	84.8	67.8	101.6		
85	56.2	45.3	67.9		
99	62.6	50.9	76.3		

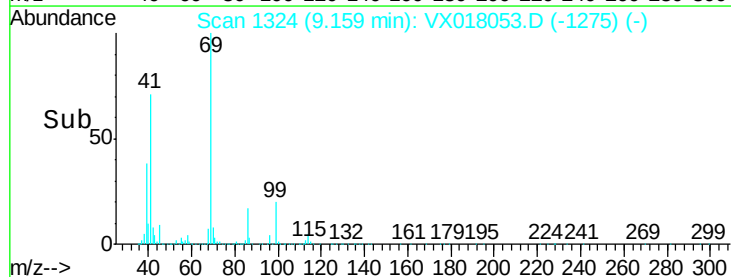
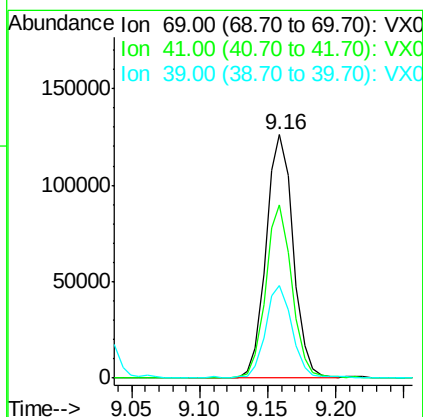
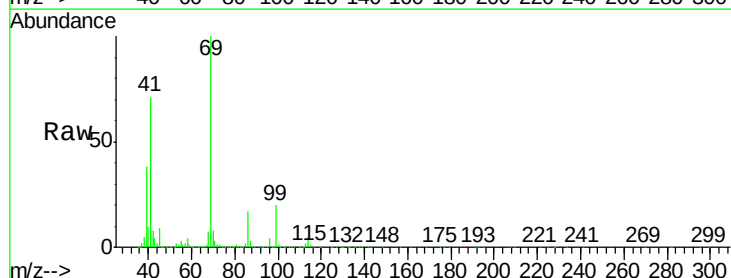
Manual Integrations
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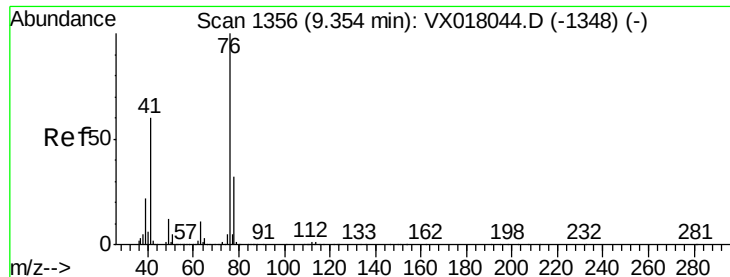
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#56
 Ethyl methacrylate
 Concen: 16.738 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		176995		
41	68.9	54.6	81.8		
39	37.1	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 17.220 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 76 Resp: 202036

Ion Ratio Lower Upper

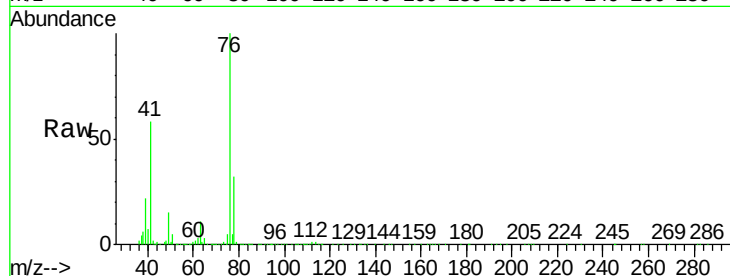
76 100

78 32.3 25.8 38.6

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

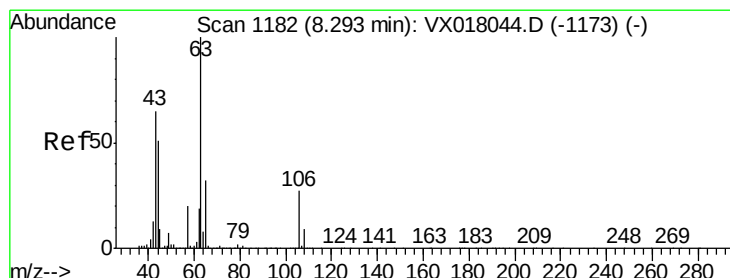
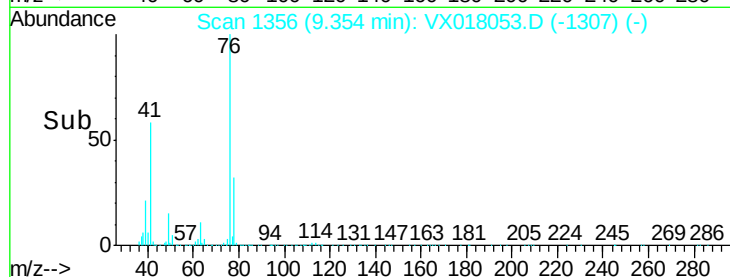
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.579 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018053.D

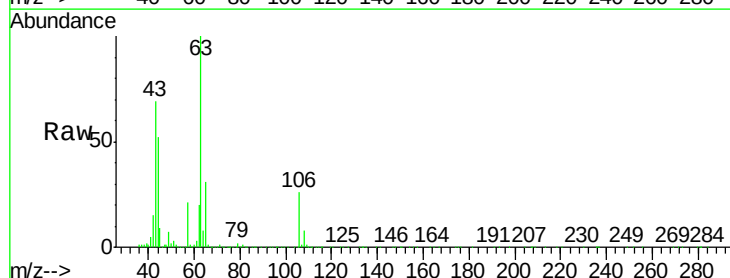
Acq: 21 Aug 2020 13:05

Tgt Ion: 63 Resp: 435641

Ion Ratio Lower Upper

63 100

106 26.9 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

250000

200000

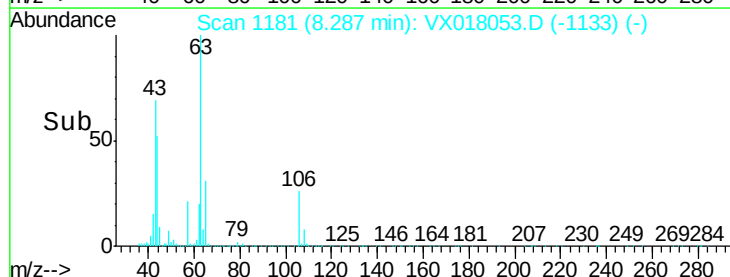
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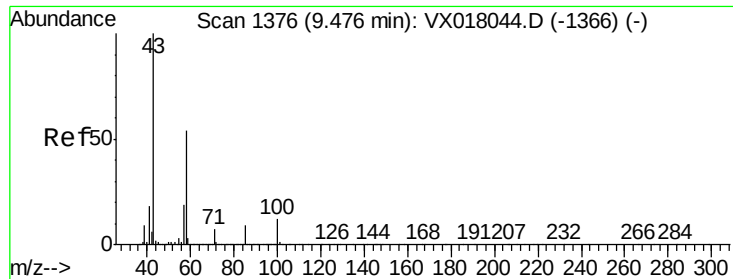
100000

50000

0

Time-->





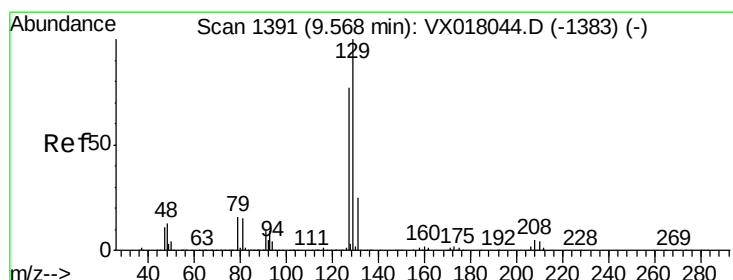
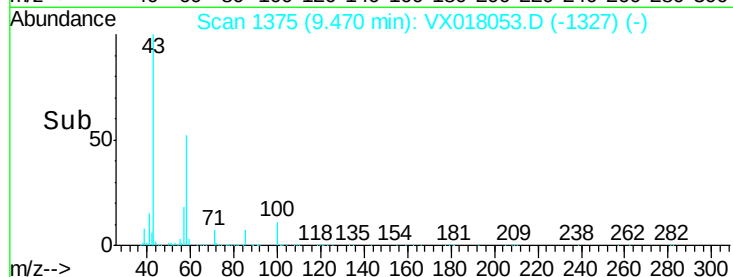
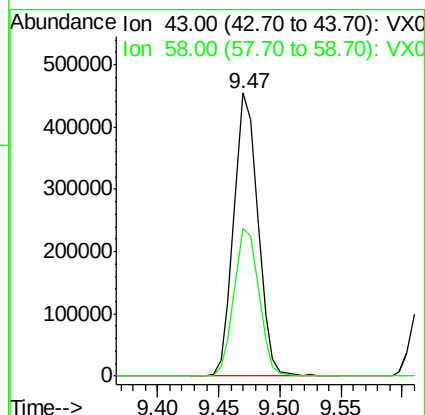
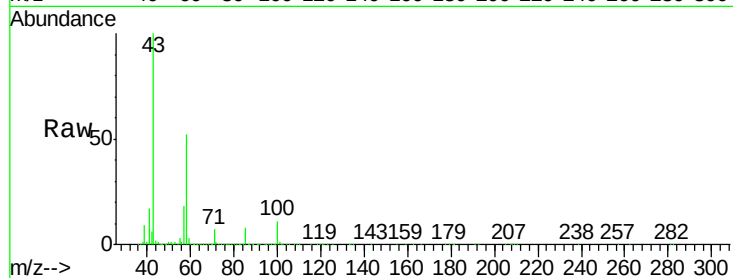
#59
2-Hexanone
Concen: 78.542 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.6	79.7

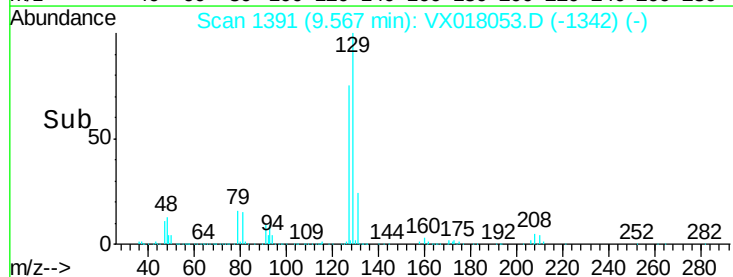
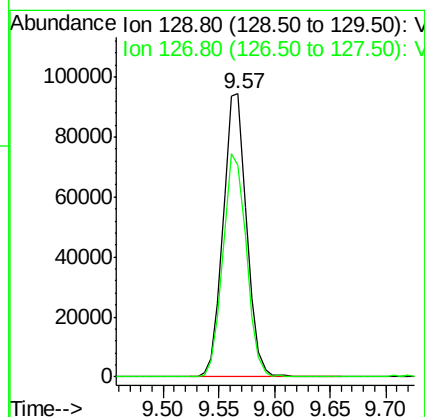
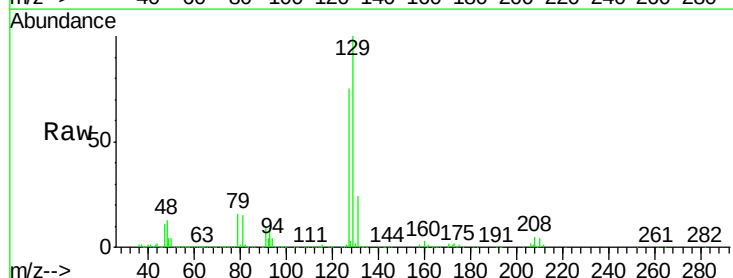
Manual Integrations
APPROVED

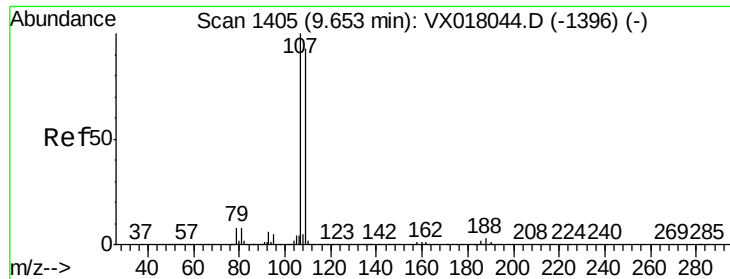
sam
8/24/2020 5:49:53 PM



#60
Dibromochloromethane
Concen: 16.544 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.9	116.6





#61

1,2-Dibromoethane

Concen: 15.897 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 107 Resp: 122767

Ion Ratio Lower Upper

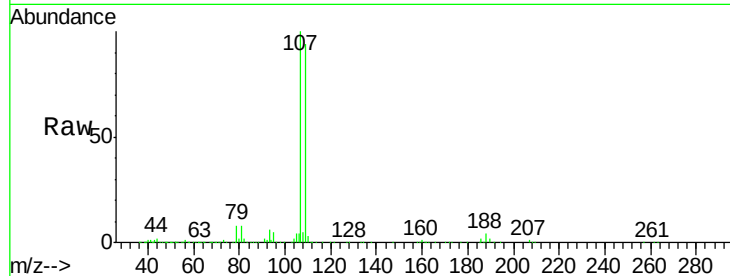
107 100

109 95.7 75.9 113.9

Manual Integrations
APPROVED

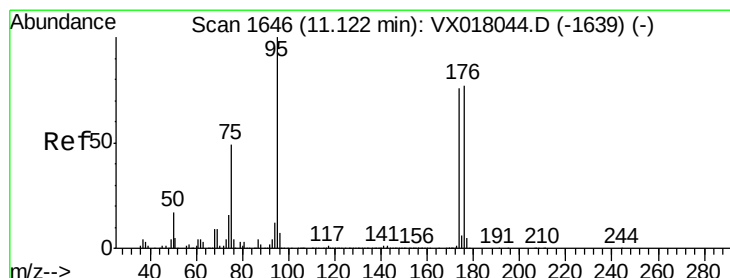
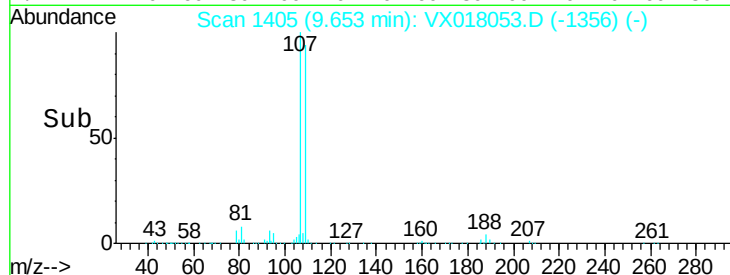
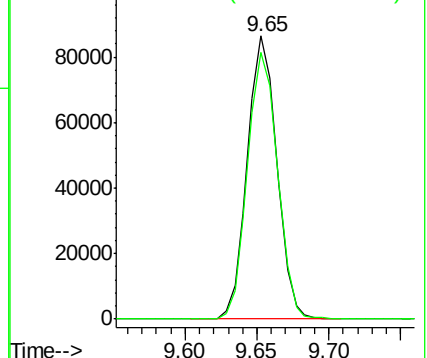
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 39.771 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

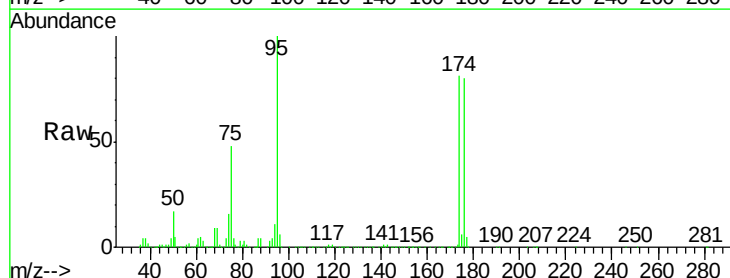
Tgt Ion: 95 Resp: 385210

Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.2

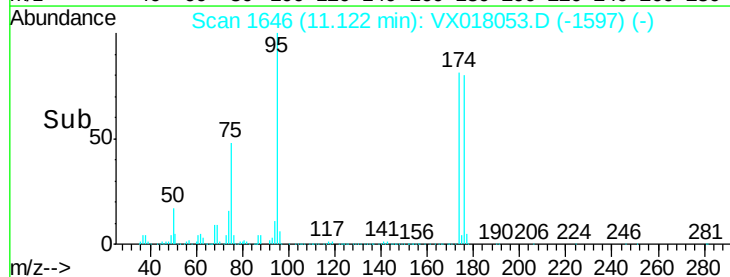
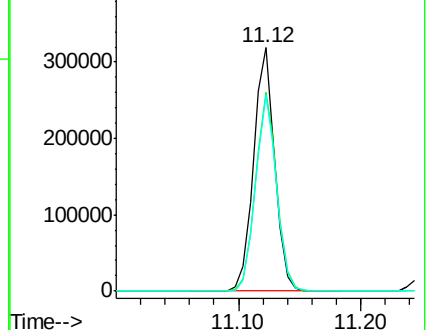
176 79.9 0.0 155.8

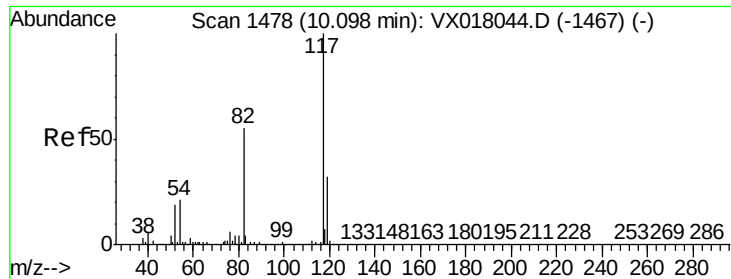


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





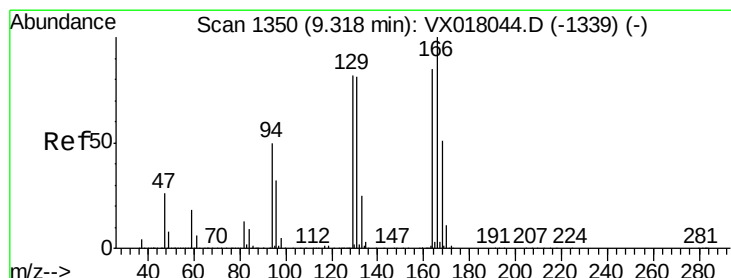
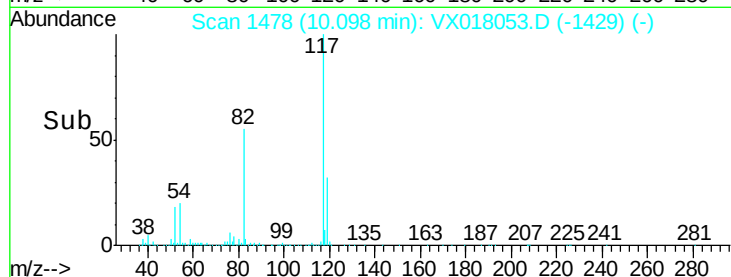
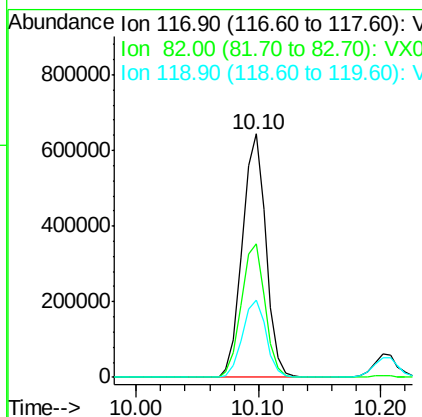
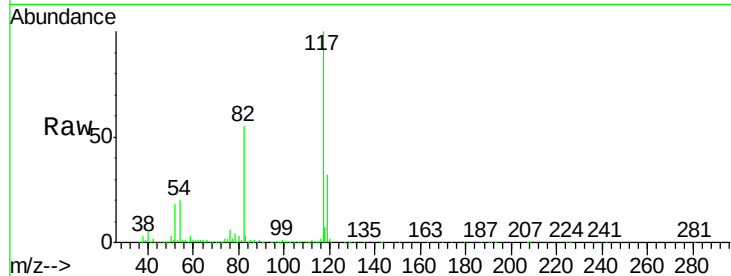
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	857543		
82	54.7		44.2	66.2
119	31.7		25.7	38.5

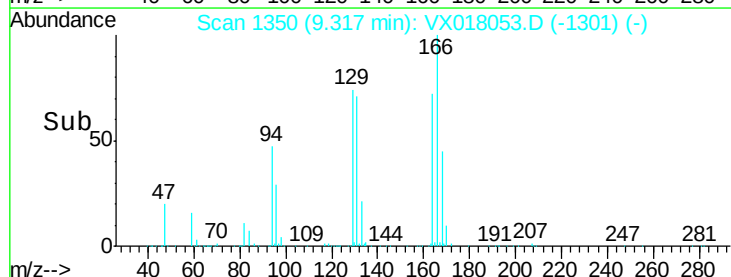
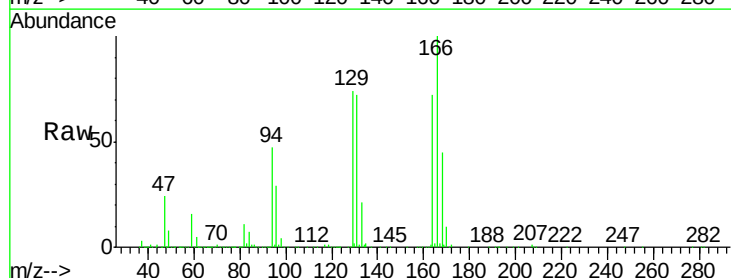
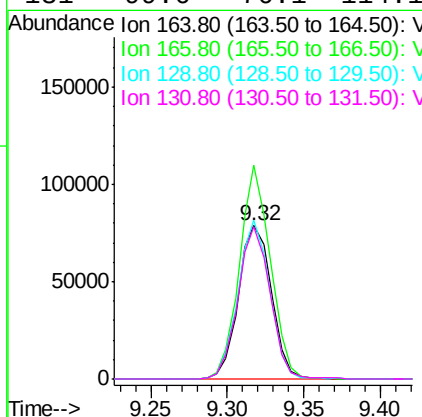
Manual Integrations
APPROVED

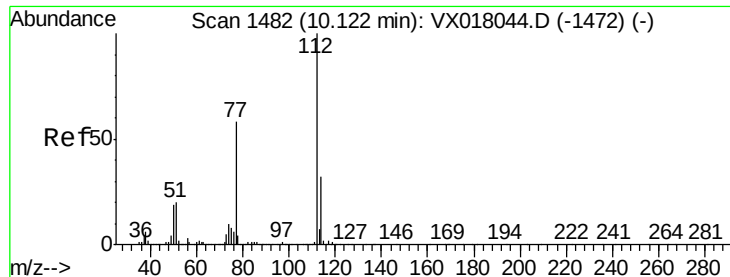
sam
8/24/2020 5:49:53 PM



#64
Tetrachloroethene
Concen: 18.793 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118431		
166	139.2		94.2	141.2
129	103.6		76.9	115.3
131	99.6		76.1	114.1





#65

Chlorobenzene

Concen: 17.179 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:112 Resp: 294223

Ion Ratio Lower Upper

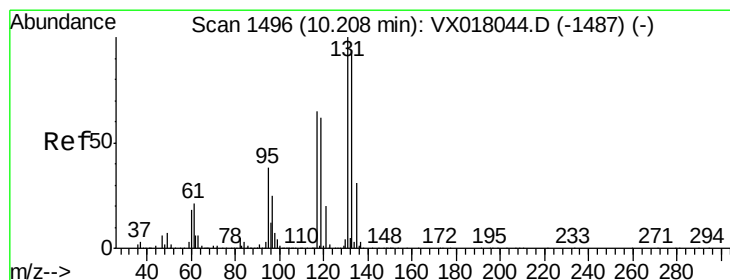
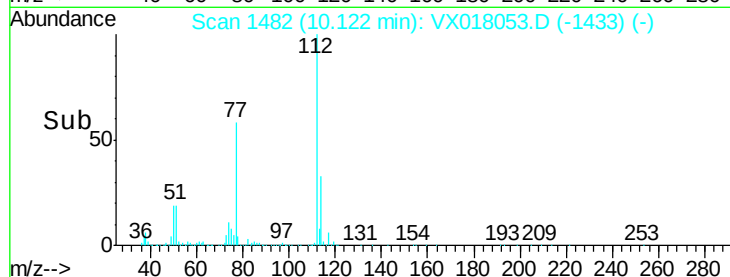
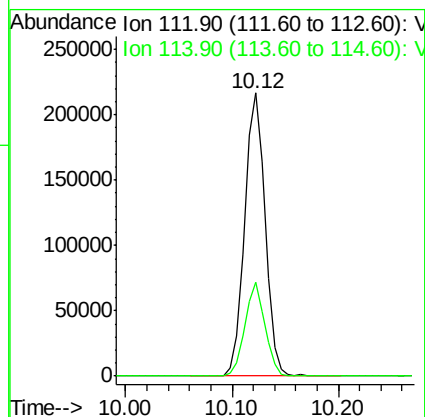
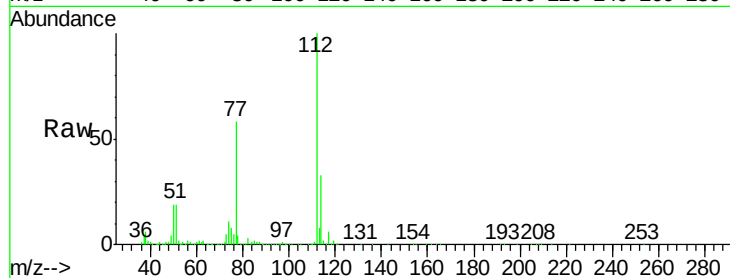
112 100

114 33.0 25.7 38.5

Manual Integrations
APPROVED

sam

8/24/2020 5:49:53 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 17.551 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

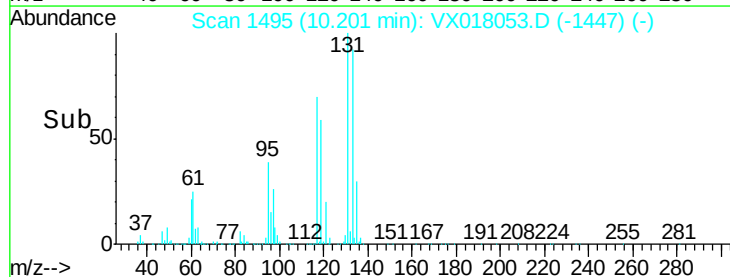
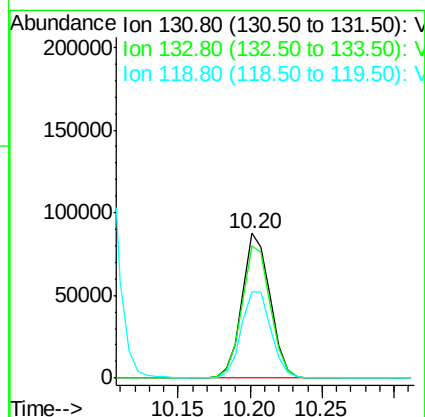
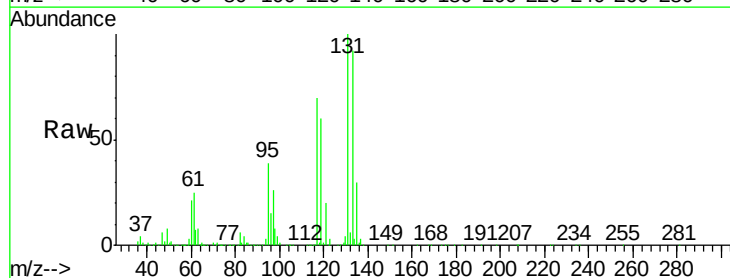
Tgt Ion:131 Resp: 118477

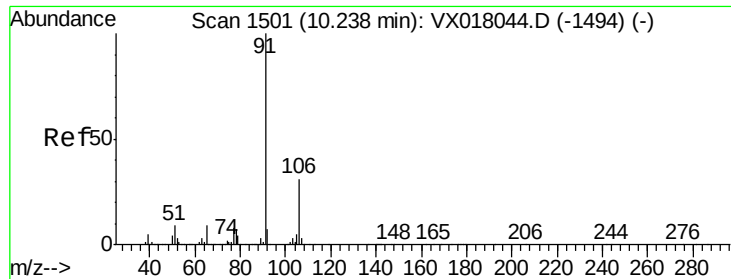
Ion Ratio Lower Upper

131 100

133 92.3 46.7 140.1

119 63.3 31.8 95.4





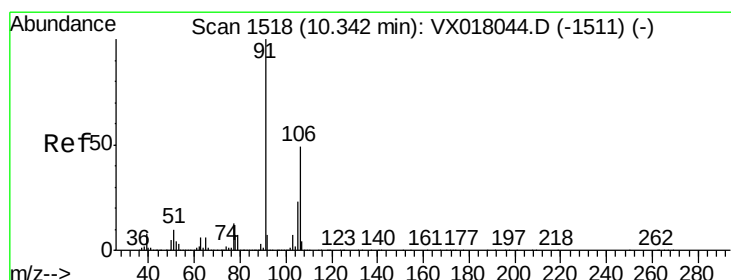
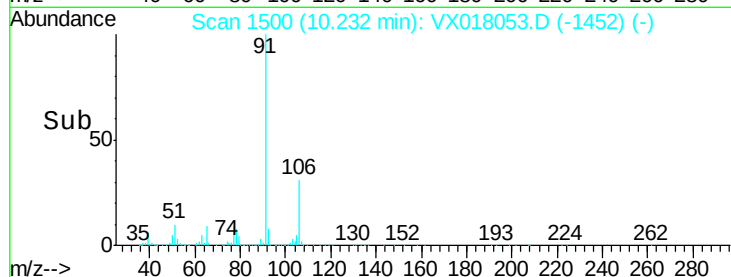
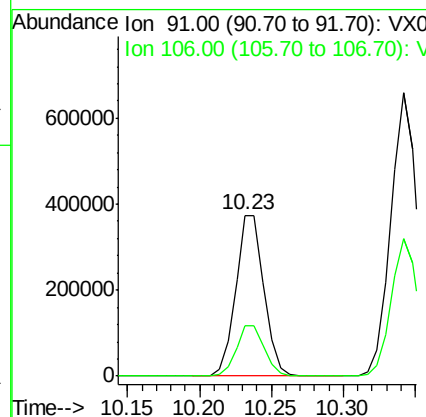
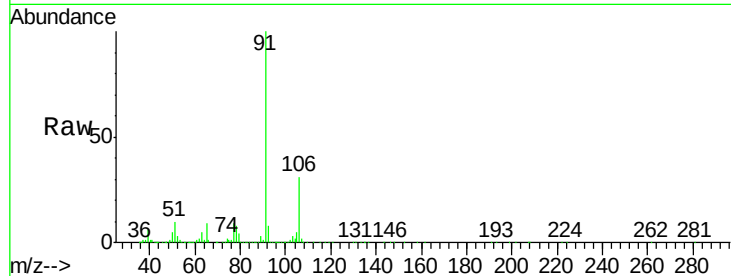
#67
Ethyl Benzene
Concen: 17.582 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0821WBSD02

Tot Ion: 91 Resp: 512103
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

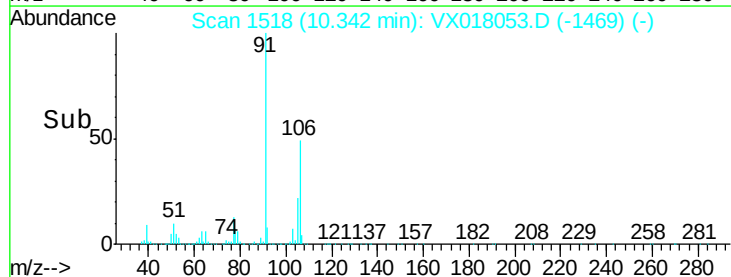
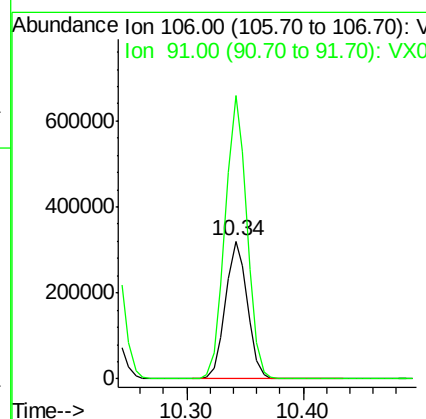
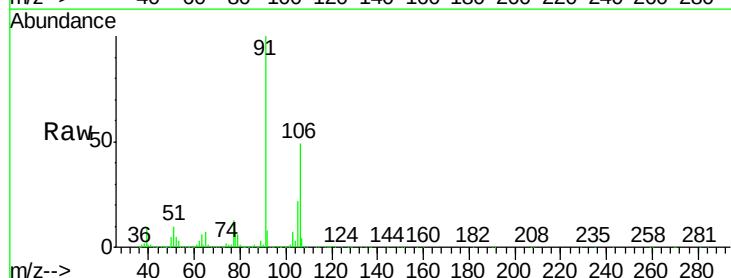
Manual Integrations
APPROVED

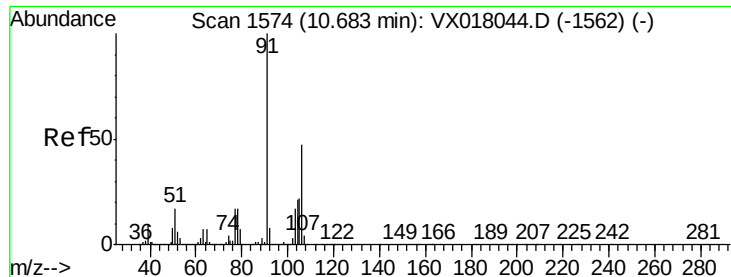
sam
8/24/2020 5:49:53 PM



#68
m/p-Xylenes
Concen: 38.290 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 106 Resp: 416258
Ion Ratio Lower Upper
106 100
91 204.1 162.2 243.2





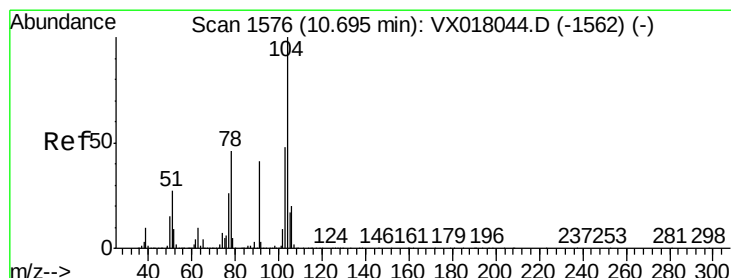
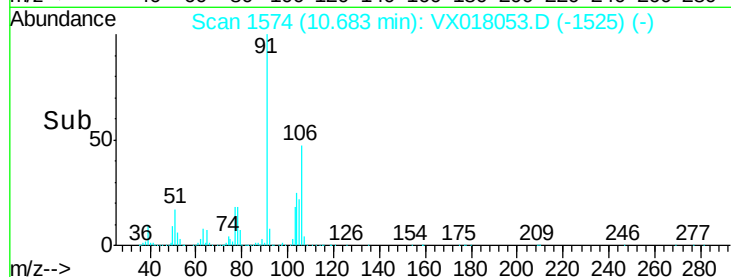
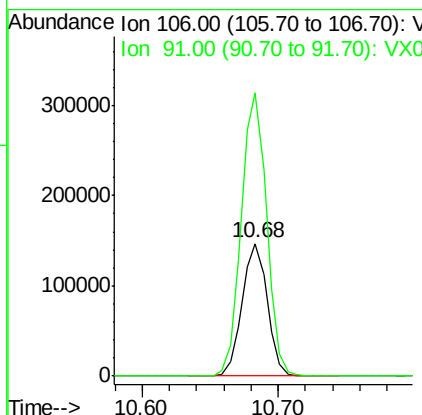
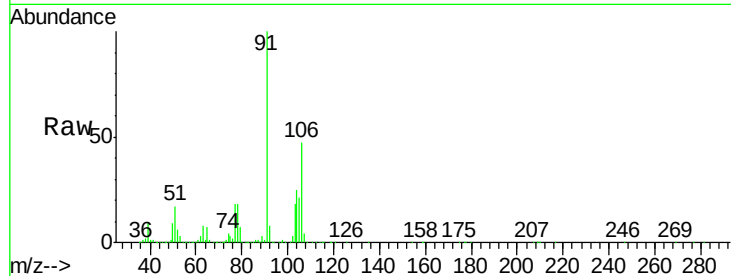
#69
o-Xylene
Concen: 18.097 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.0	107.1	321.3

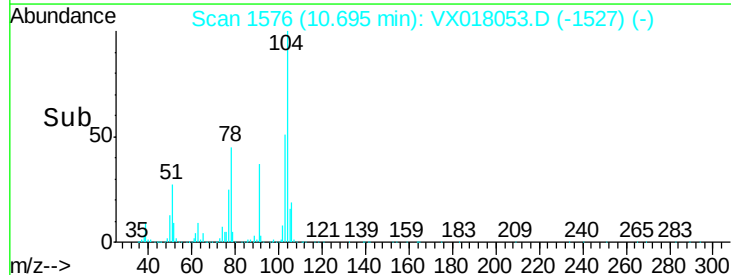
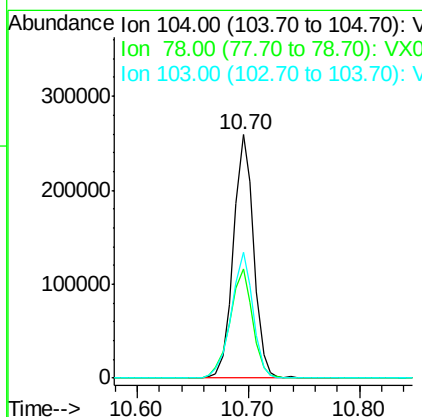
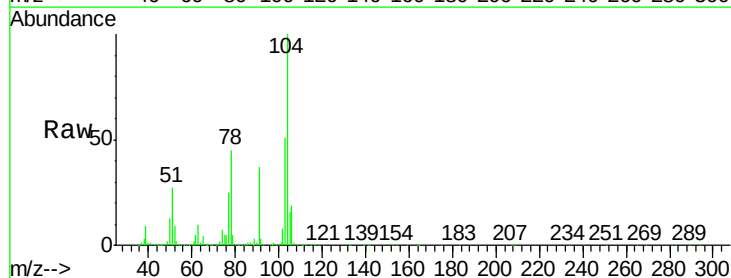
Manual Integrations
APPROVED

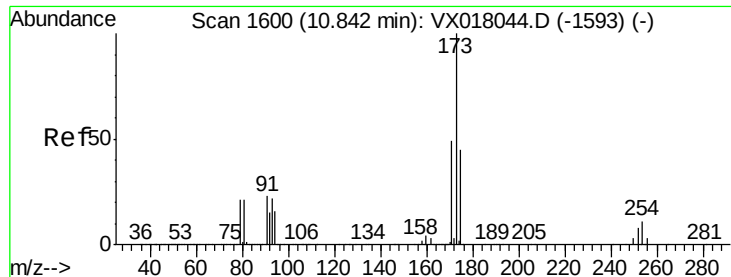
sam
8/24/2020 5:49:53 PM



#70
Styrene
Concen: 18.231 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	40.9	61.3
103	55.0	43.6	65.4





#71

Bromoform

Concen: 18.278 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:173 Resp: 105240

Ion Ratio Lower Upper

173 100

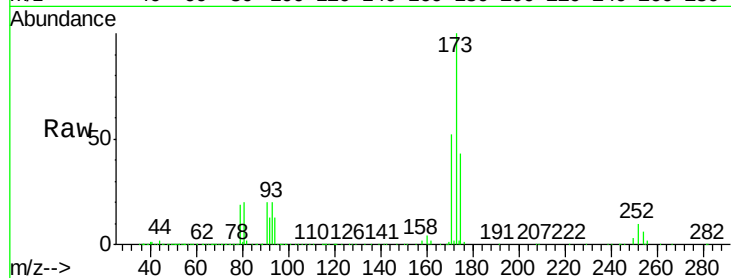
175 45.5 23.9 71.8

254 0.2 0.2 0.2

Manual Integrations
APPROVED

sam

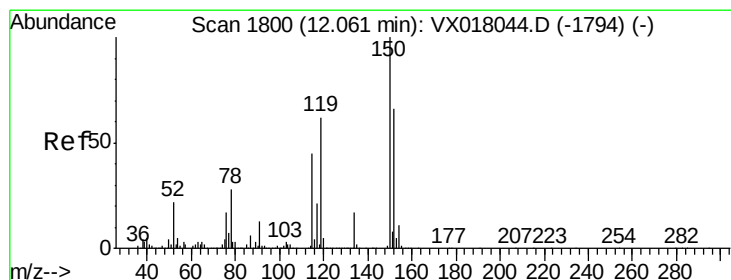
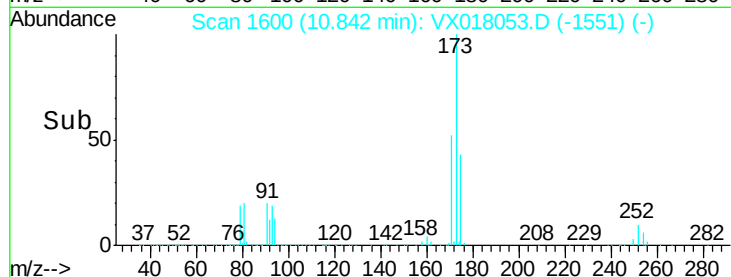
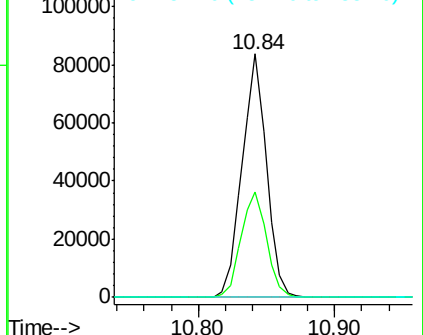
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

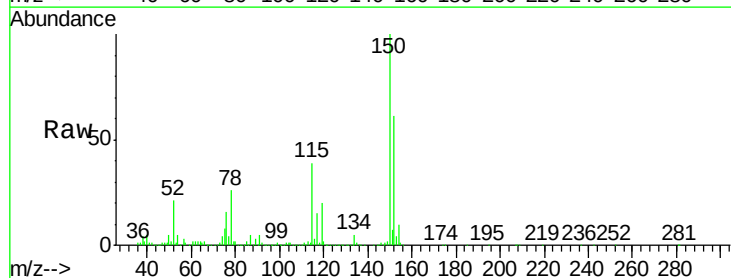
Tgt Ion:152 Resp: 458648

Ion Ratio Lower Upper

152 100

115 66.9 41.5 124.5

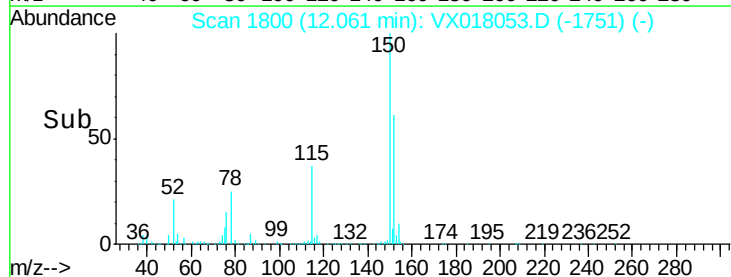
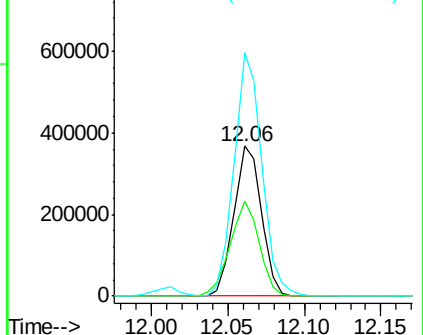
150 163.4 0.0 343.8

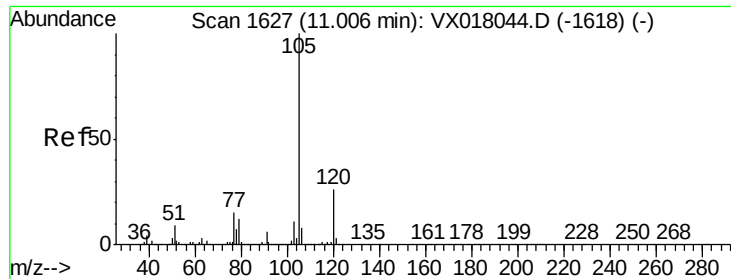


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.097 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 105 Resp: 517238

Ion Ratio Lower Upper

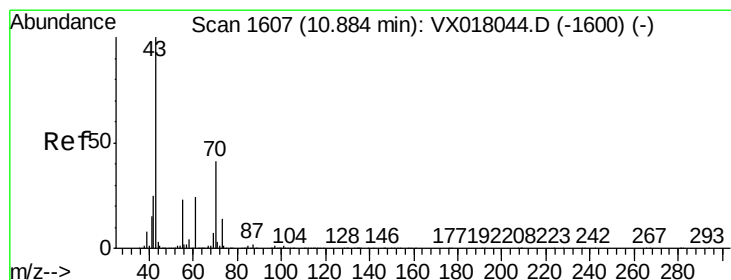
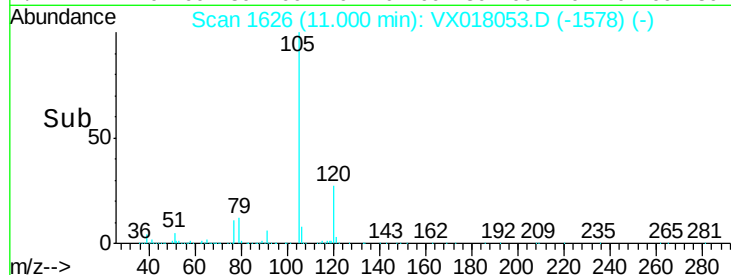
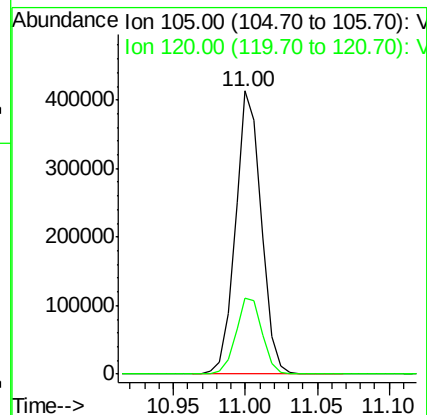
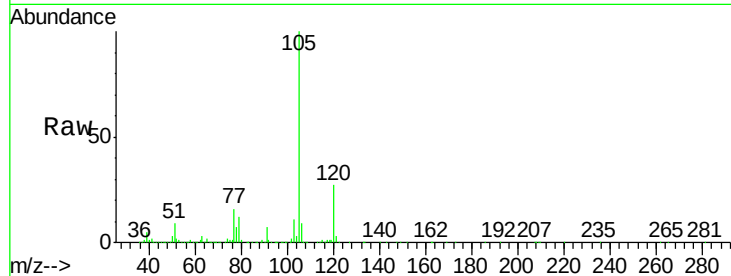
105 100

120 27.3 13.2 39.5

Manual Integrations
APPROVED

sam

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#74

N-ethyl acetate

Concen: 16.591 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion: 43 Resp: 238148

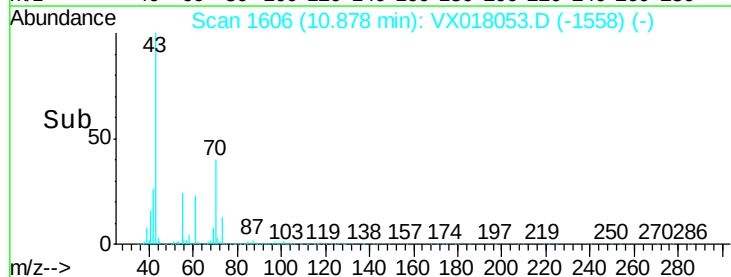
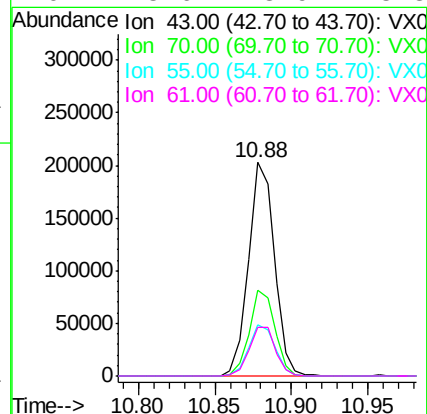
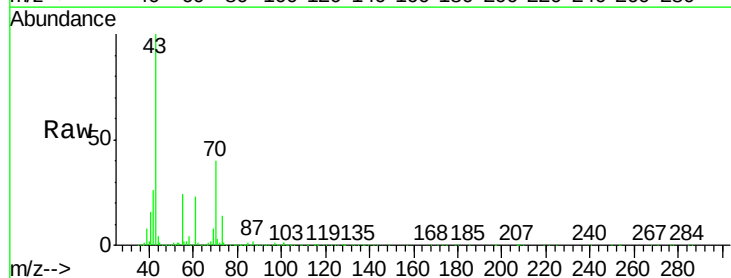
Ion Ratio Lower Upper

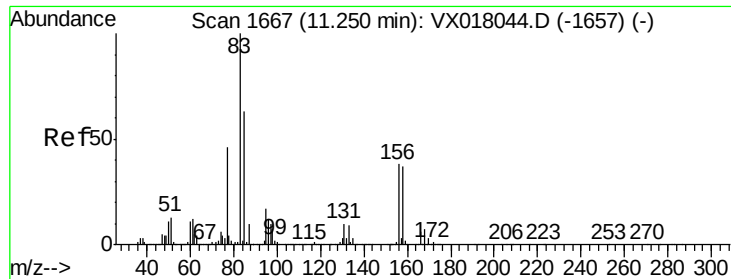
43 100

70 40.0 32.3 48.5

55 25.0 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 15.859 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 83 Resp: 169250

Ion Ratio Lower Upper

83 100

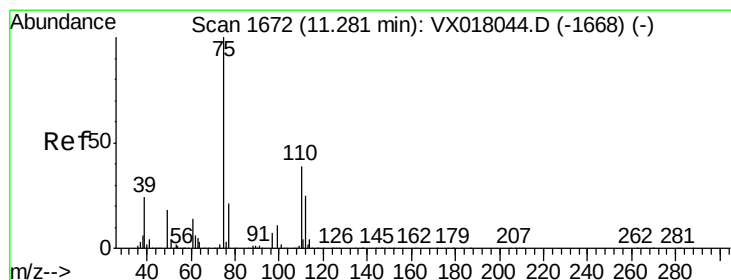
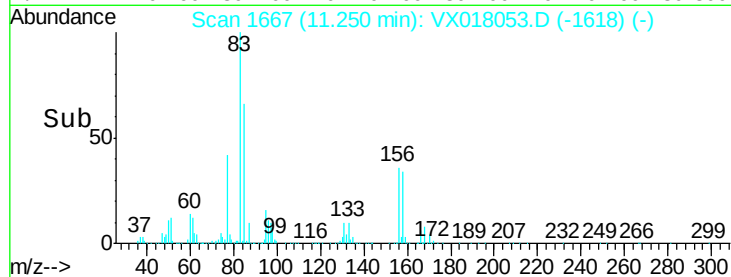
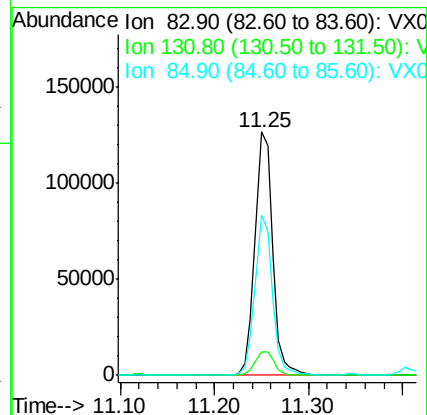
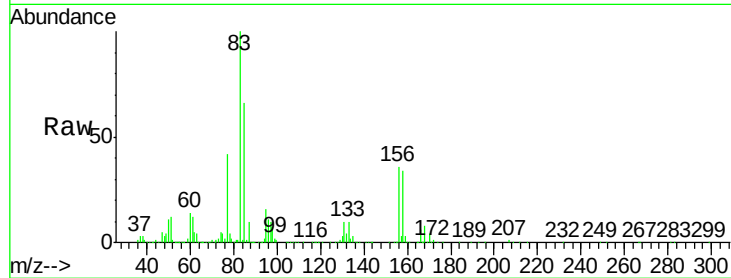
131 10.4 5.1 15.4

85 65.2 32.2 96.6

Manual Integrations
APPROVED

sam

8/24/2020 5:49:53 PM



#76

1,2,3-Trichloropropane

Concen: 15.896 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018053.D

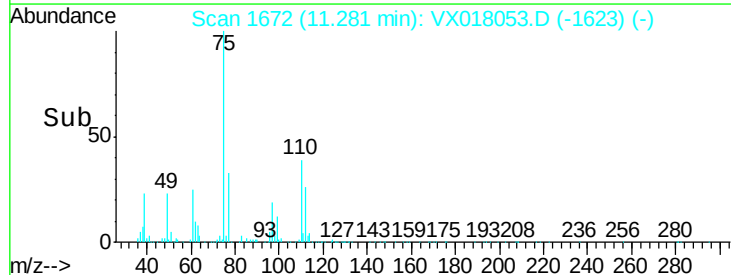
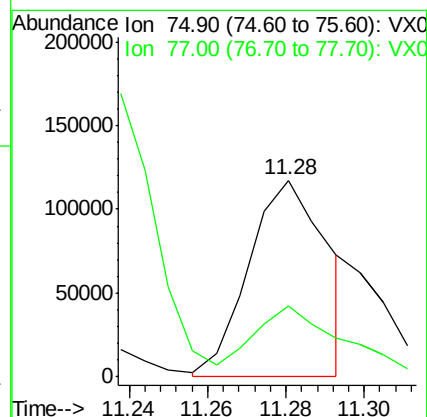
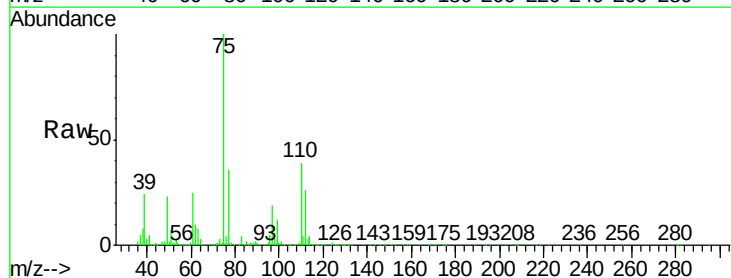
Acq: 21 Aug 2020 13:05

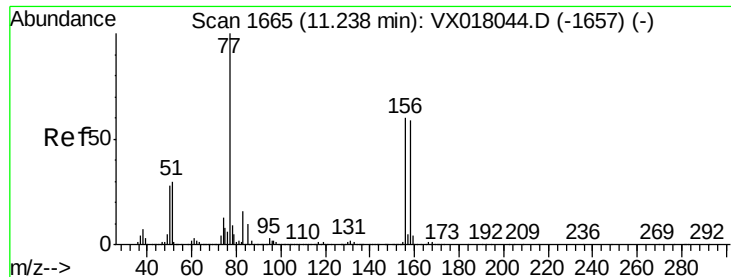
Tgt Ion: 75 Resp: 162187

Ion Ratio Lower Upper

75 100

77 41.3 20.8 62.2





#77

Bromobenzene

Concen: 16.595 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

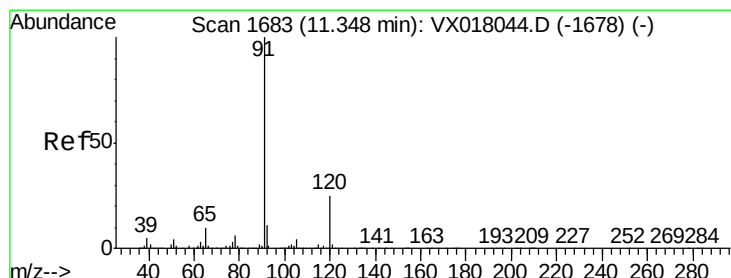
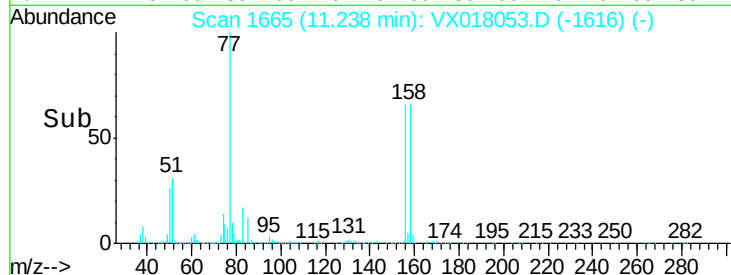
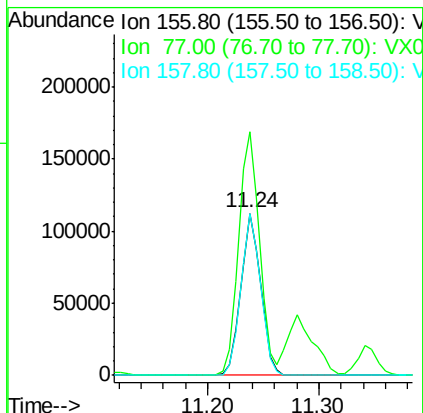
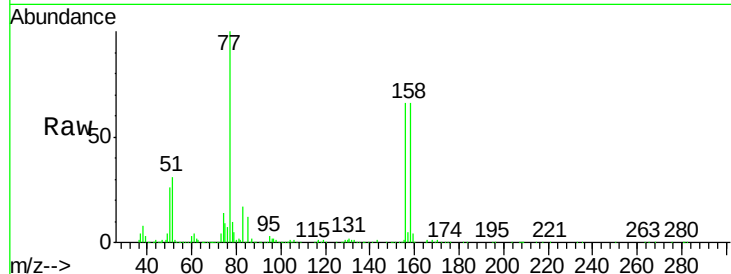
ClientSampleId :

VX0821WBSD02

Tot Ion:	156	Resp:	138772
Ion Ratio	Lower	Upper	
156	100		
77	157.7	80.0	240.2
158	98.6	49.5	148.7

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 17.385 ug/l

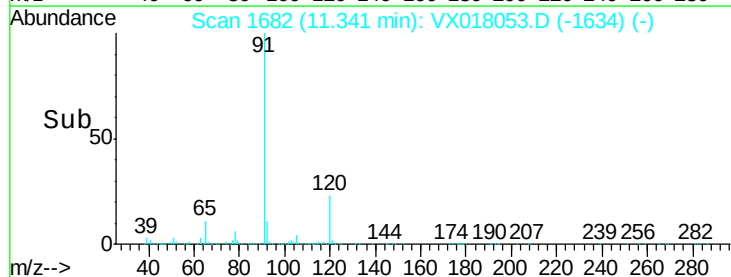
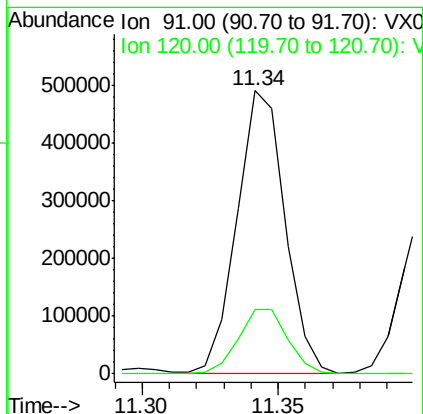
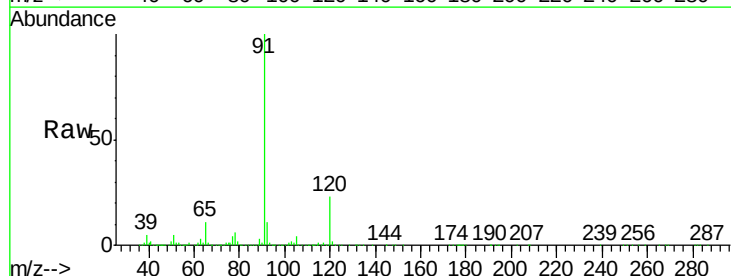
RT: 11.34 min Scan# 1682

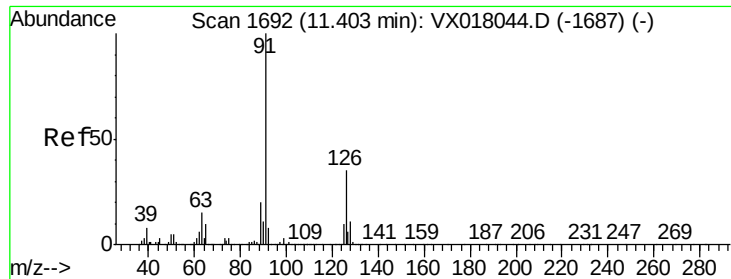
Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	91	Resp:	597184
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





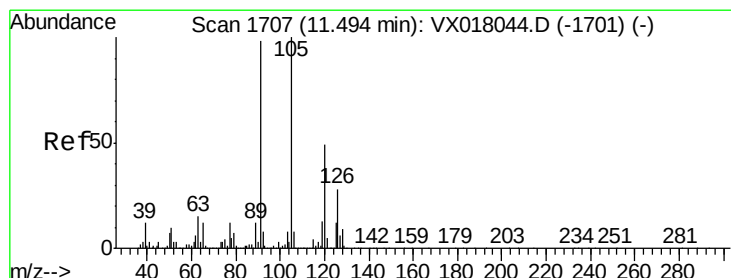
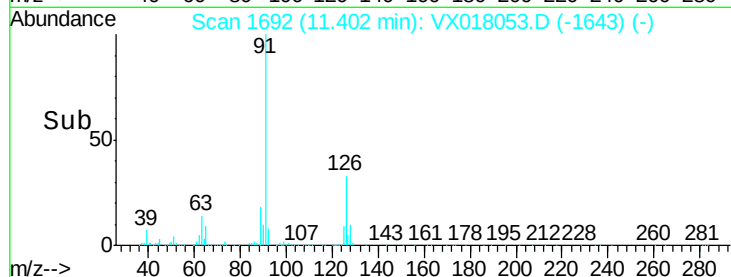
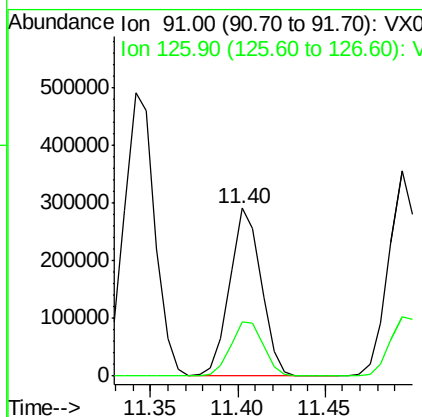
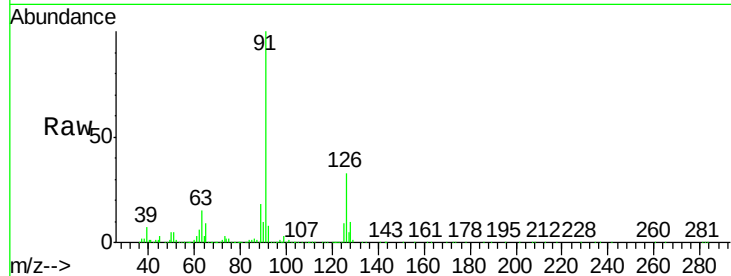
#79
 2-Chlorotoluene
 Concen: 17.143 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion: 91 Resp: 363820
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.4 52.2

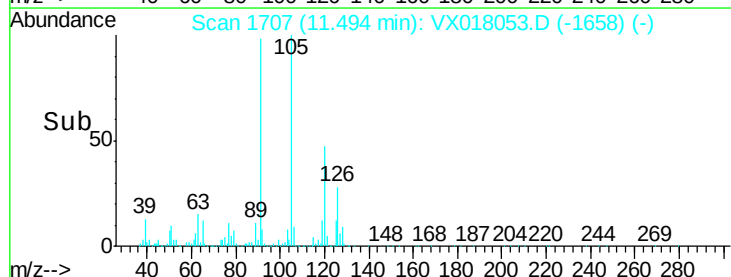
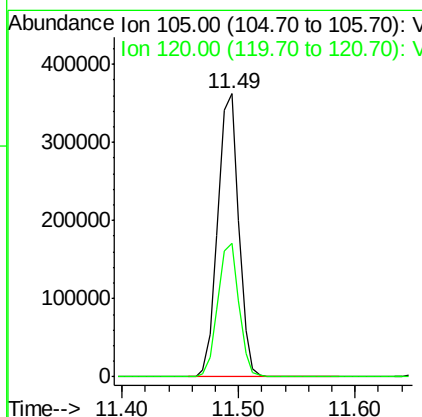
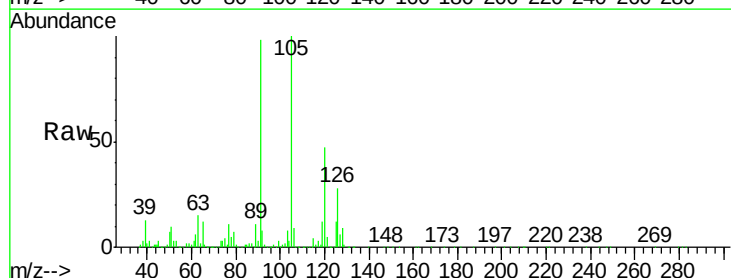
Manual Integrations
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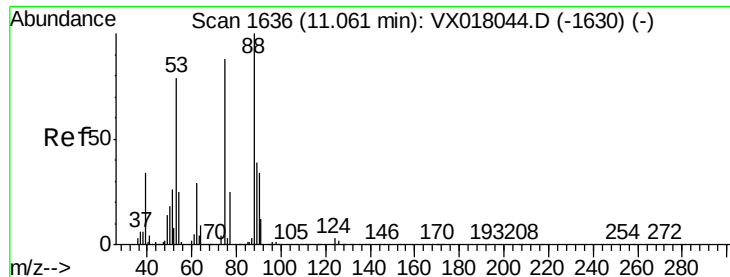
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 17.968 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion: 105 Resp: 446699
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.168 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

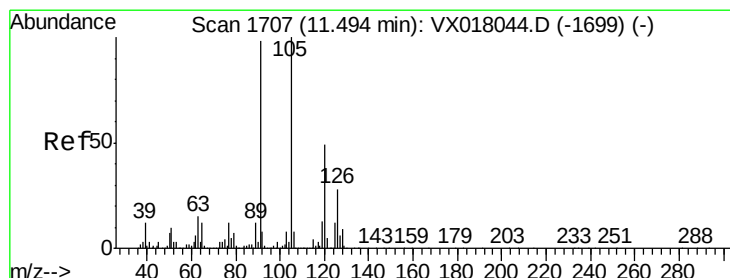
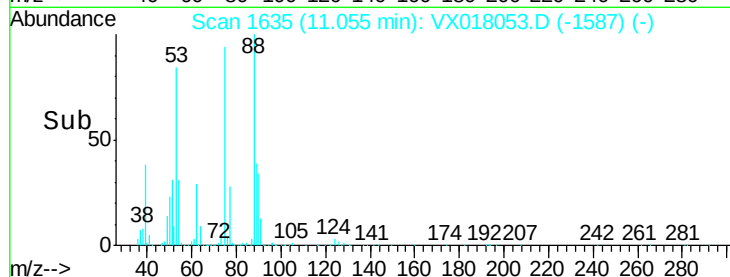
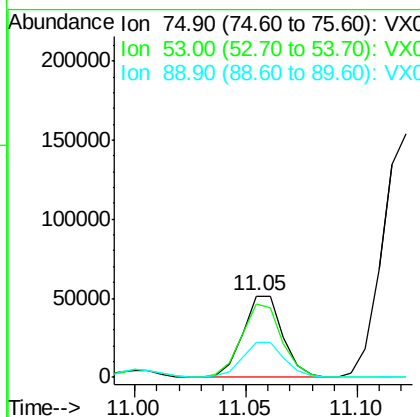
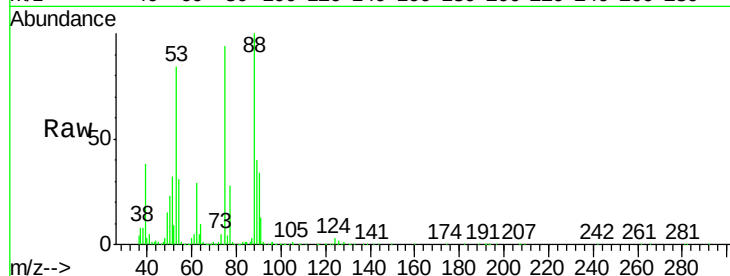
ClientSampleId :

VX0821WBSD02

Tot Ion:	75	Resp:	64853
Ion	Ratio	Lower	Upper
75	100		
53	88.8	74.7	112.1
89	45.4	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 16.817 ug/l

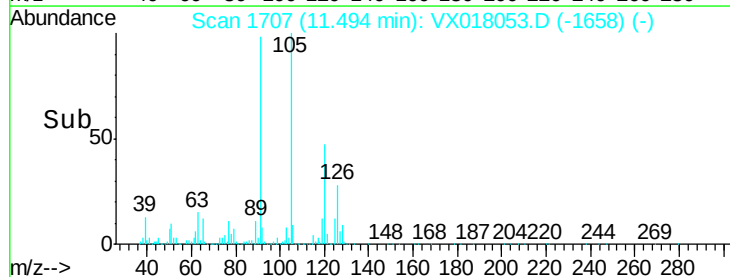
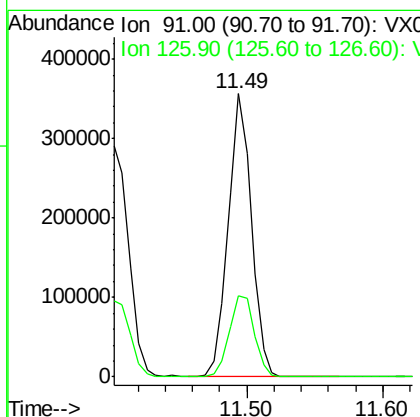
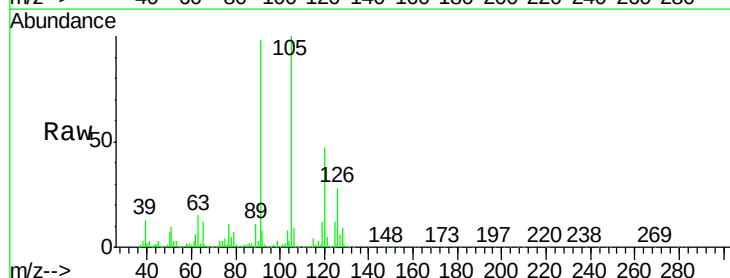
RT: 11.49 min Scan# 1707

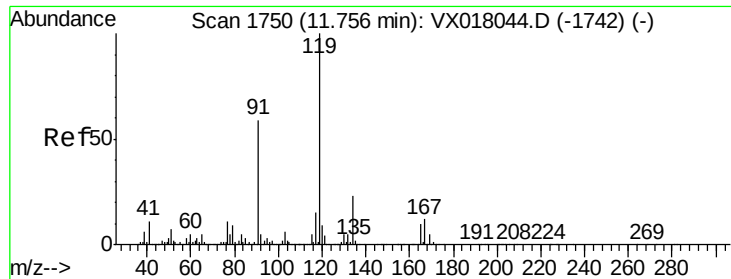
Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	91	Resp:	424286
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.1	45.3





#83

tert-Butylbenzene

Concen: 18.023 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

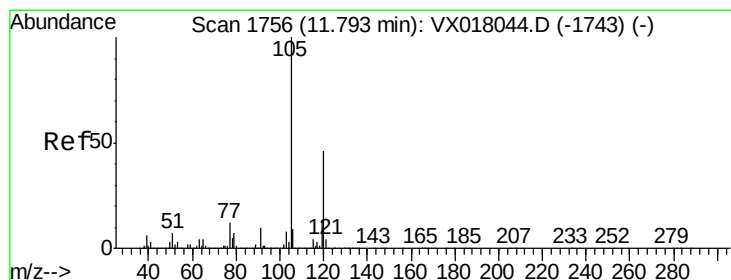
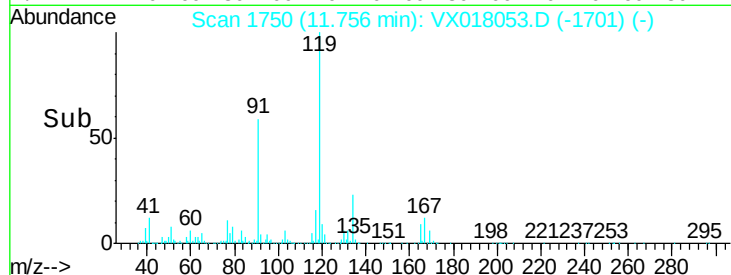
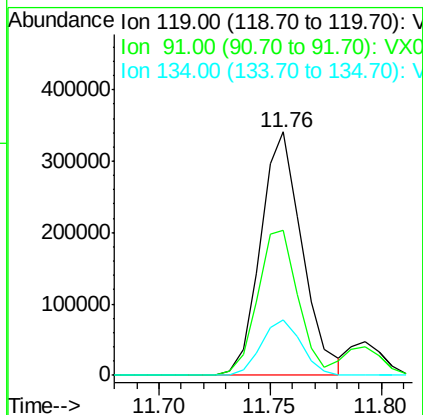
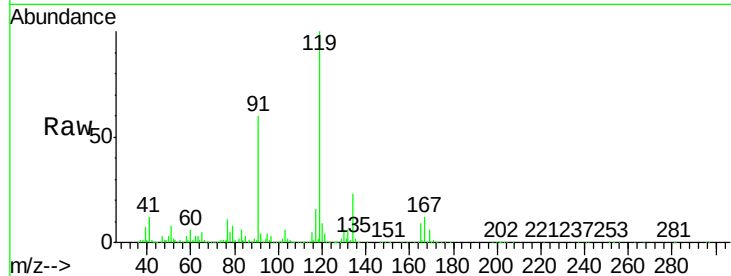
ClientSampleId :

VX0821WBSD02

Tot Ion:	119	Resp:	442166
Ion Ratio	Lower	Upper	
119	100		
91	57.8	28.2	84.7
134	22.3	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.717 ug/l

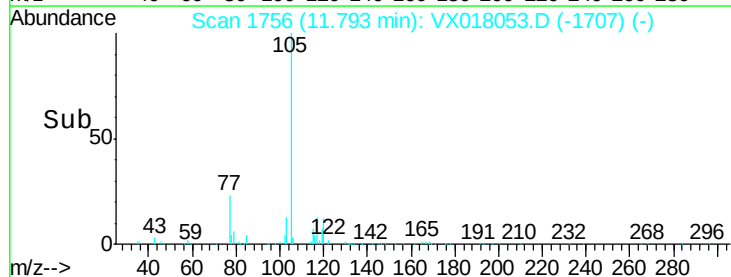
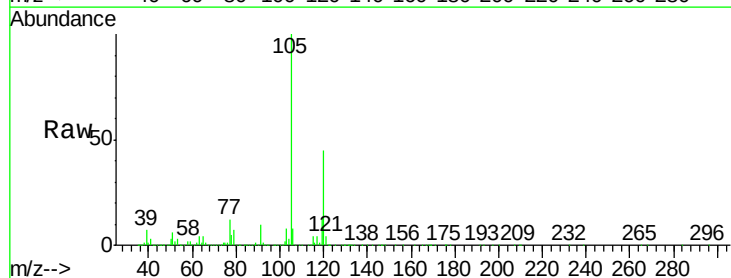
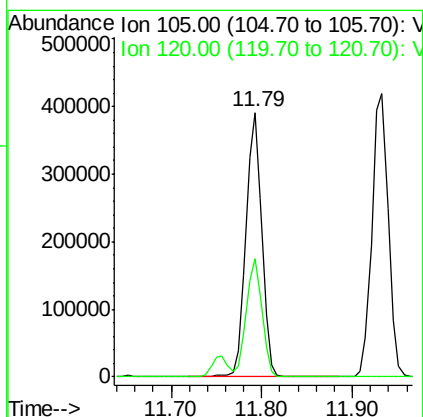
RT: 11.79 min Scan# 1756

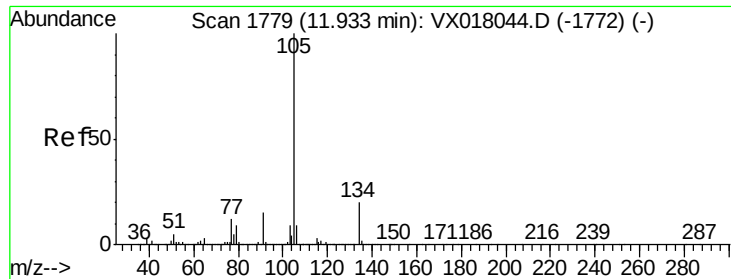
Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	105	Resp:	475736
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.3	66.9





#85

sec-Butylbenzene

Concen: 18.685 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:105 Resp: 521310

Ion Ratio Lower Upper

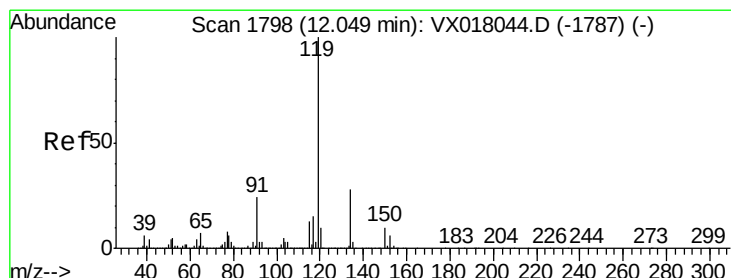
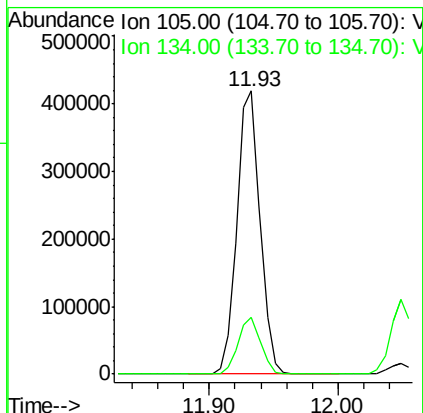
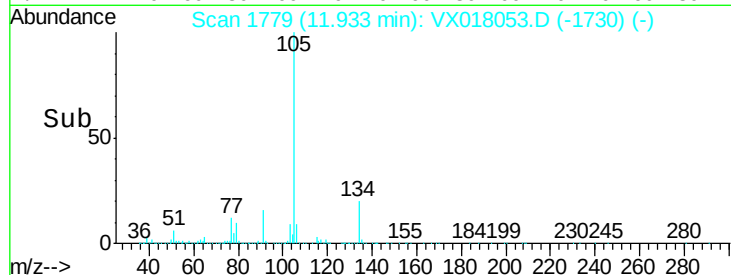
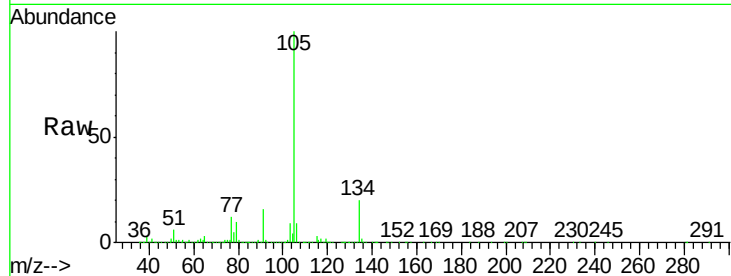
105 100

134 19.7 10.1 30.3

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.876 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

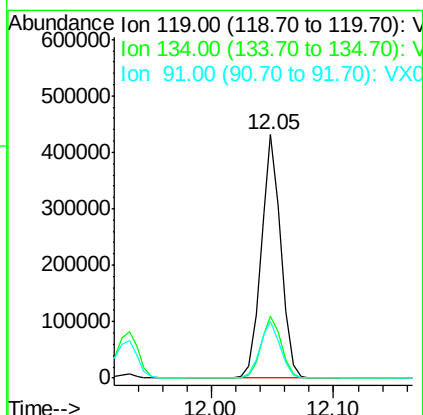
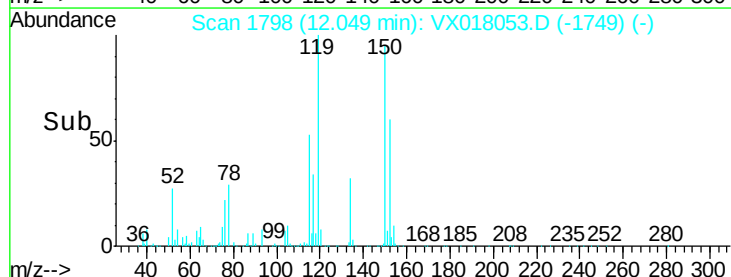
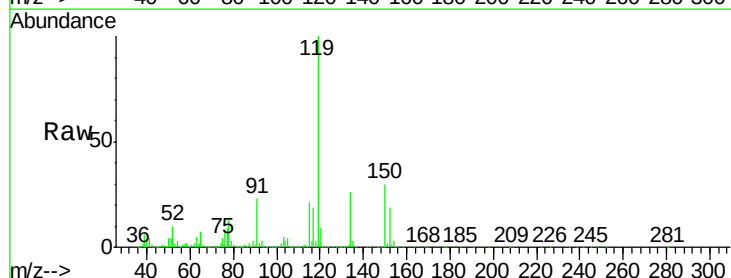
Tgt Ion:119 Resp: 483754

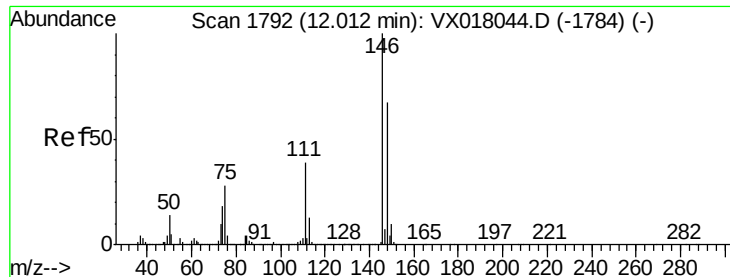
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 17.455 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

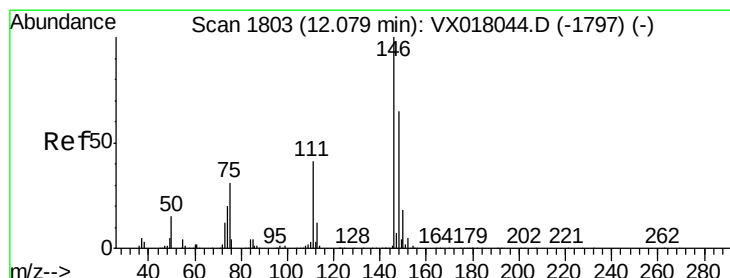
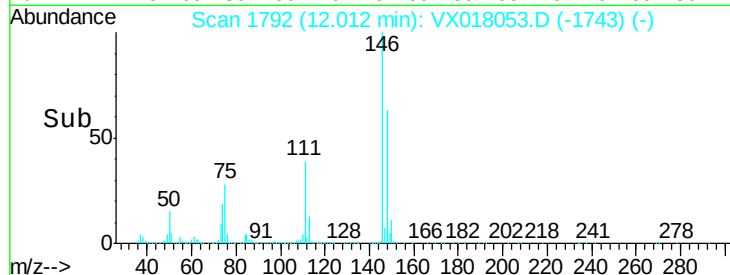
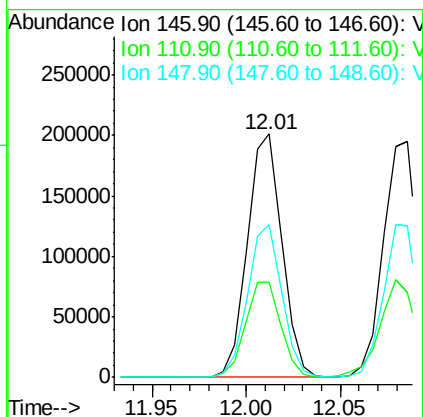
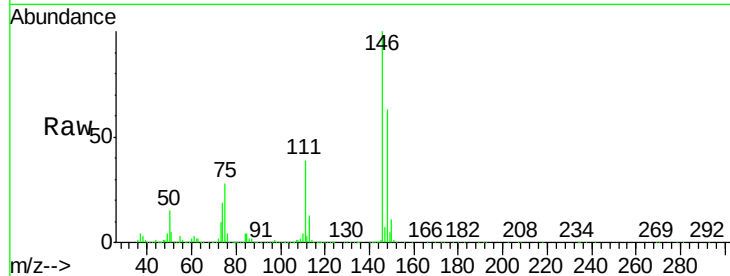
ClientSampleId :

VX0821WBSD02

Tot Ion:	146	Resp:	256272
Ion Ratio		Lower	Upper
146	100		
111	39.9	20.6	61.8
148	61.9	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.237 ug/l

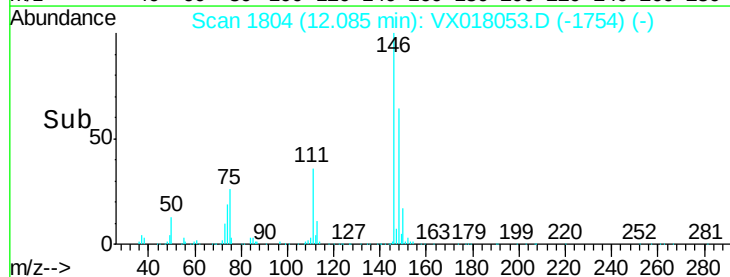
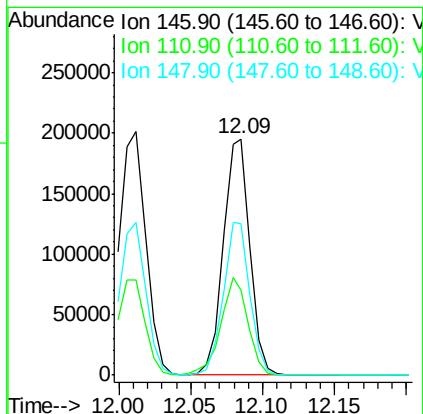
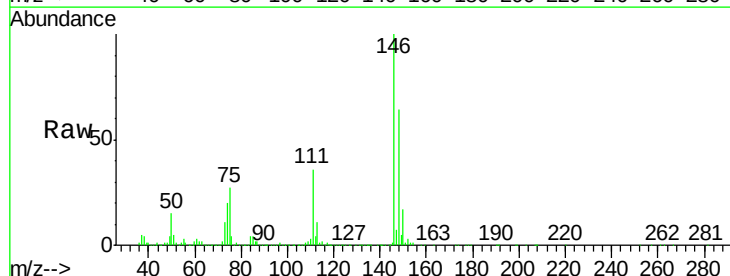
RT: 12.09 min Scan# 1804

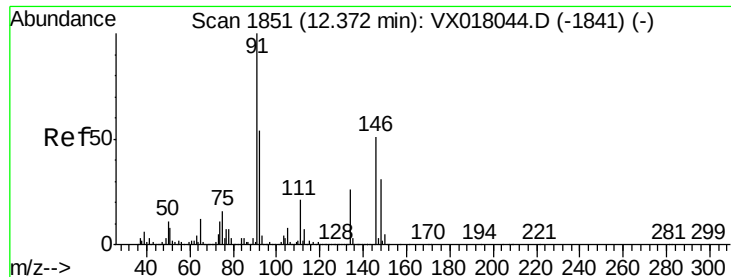
Delta R.T. 0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	146	Resp:	253396
Ion Ratio		Lower	Upper
146	100		
111	41.8	20.3	60.8
148	64.7	33.1	99.2





#89

n-Butylbenzene

Concen: 18.490 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

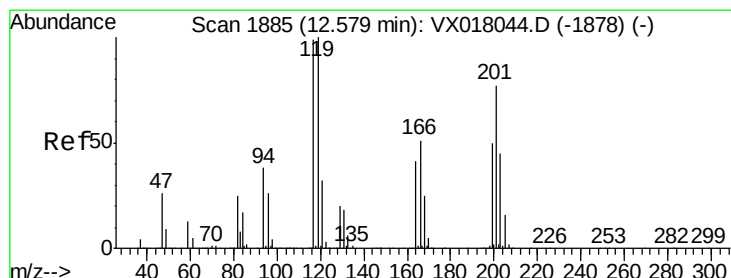
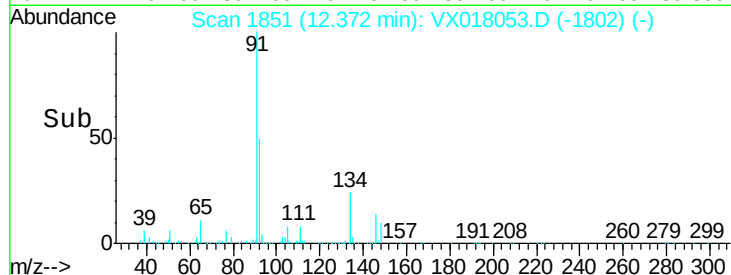
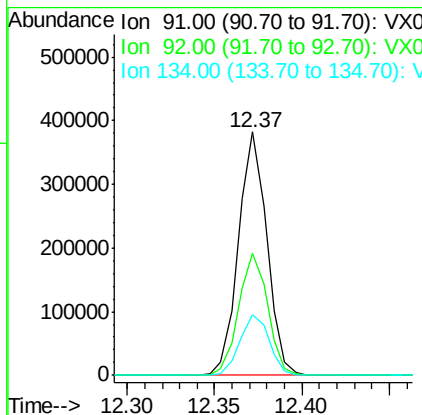
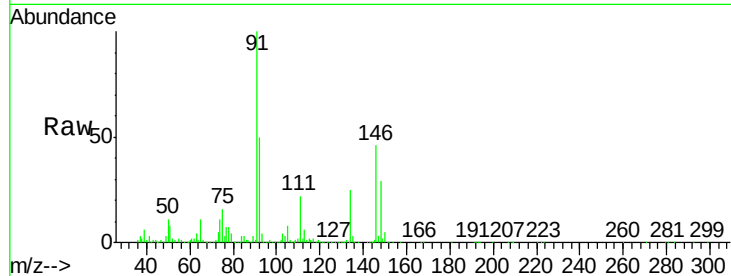
ClientSampleId :

VX0821WBSD02

Tot Ion:	91	Resp:	432491
Ion Ratio	Lower	Upper	
91	100		
92	51.4	26.4	79.2
134	25.8	12.9	38.7

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#90

Hexachloroethane

Concen: 17.678 ug/l

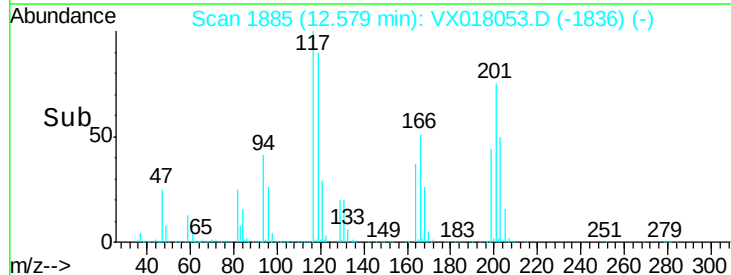
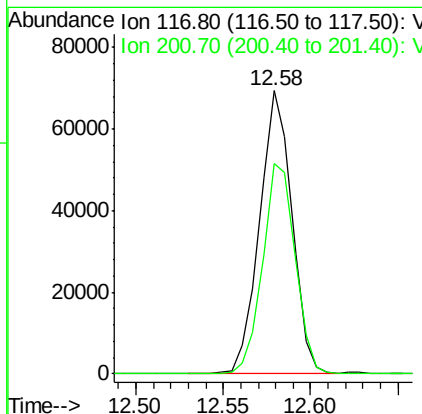
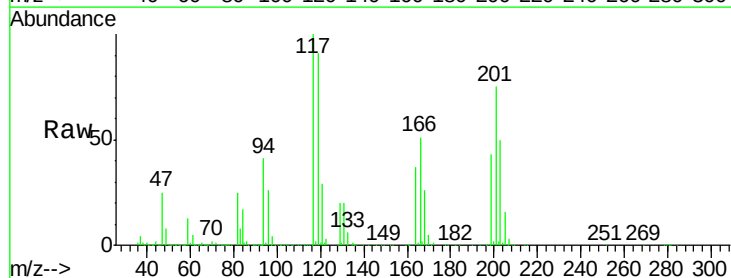
RT: 12.58 min Scan# 1885

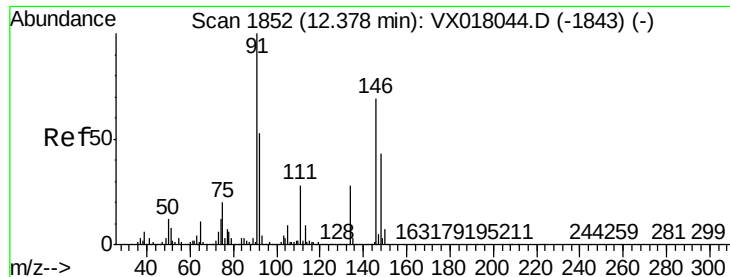
Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	117	Resp:	89136
Ion Ratio	Lower	Upper	
117	100		
201	75.0	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 17.398 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

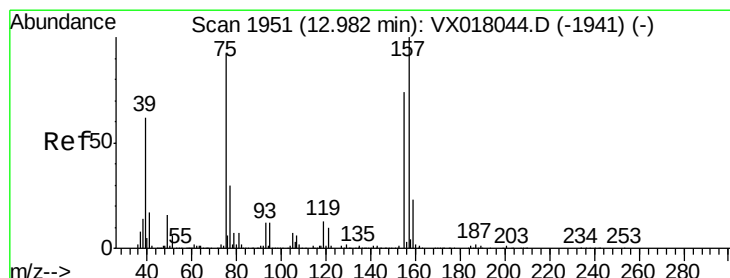
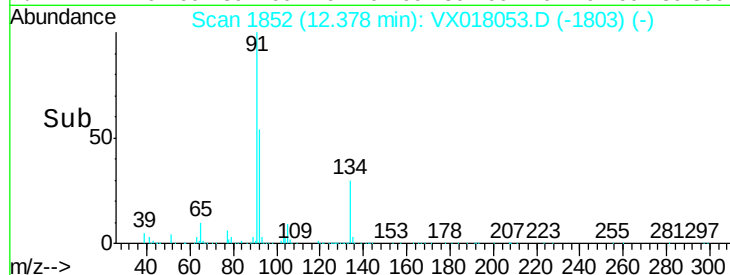
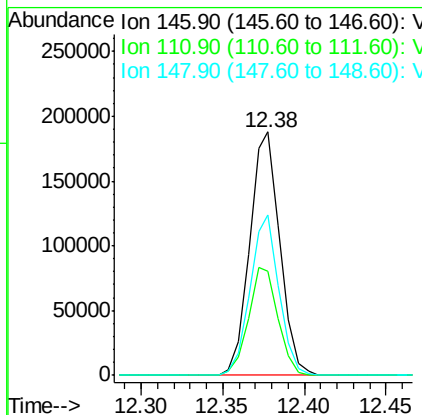
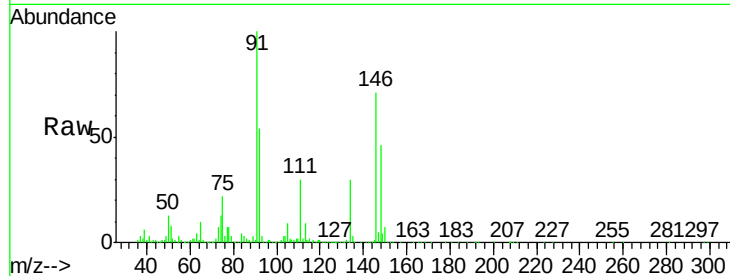
ClientSampleId :

VX0821WBSD02

Tot Ion:	146	Resp:	240451
Ion Ratio	Lower	Upper	
146	100		
111	44.0	20.8	62.5
148	63.6	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 15.625 ug/l

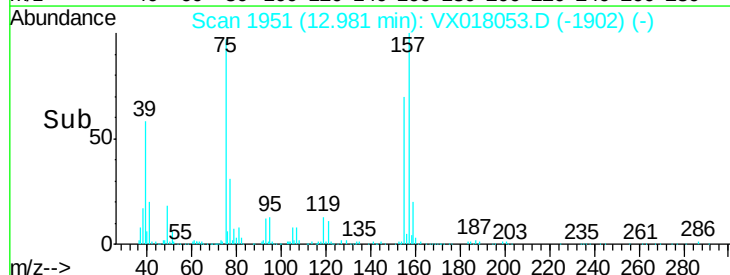
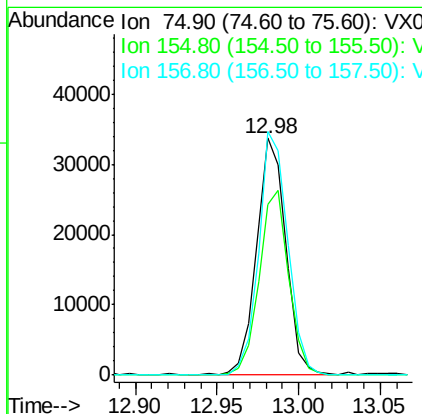
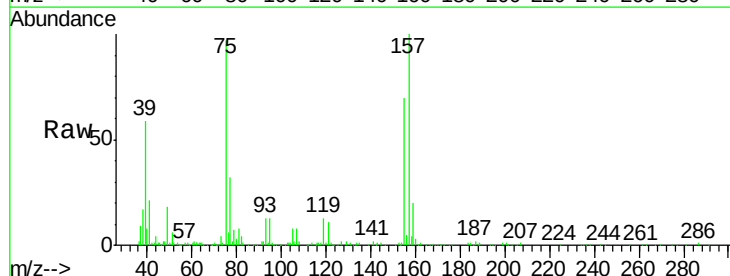
RT: 12.98 min Scan# 1951

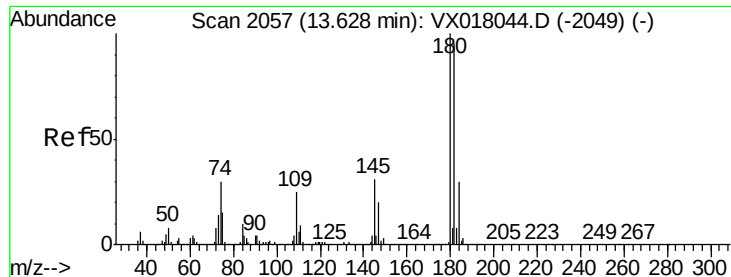
Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	75	Resp:	41694
Ion Ratio	Lower	Upper	
75	100		
155	79.3	40.2	120.6
157	103.0	55.0	165.2





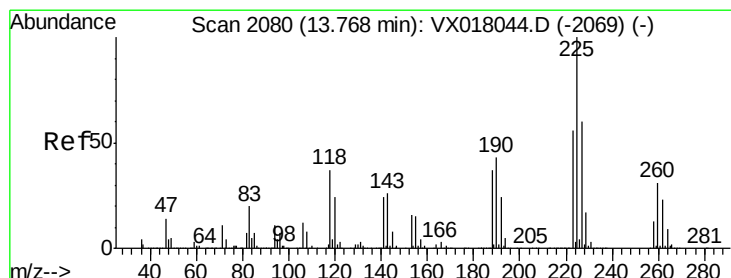
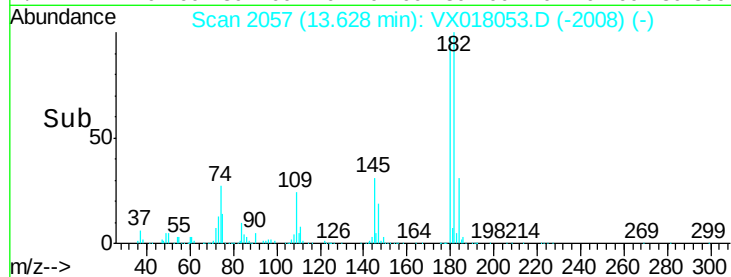
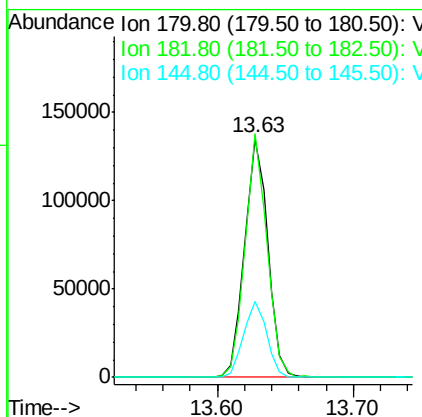
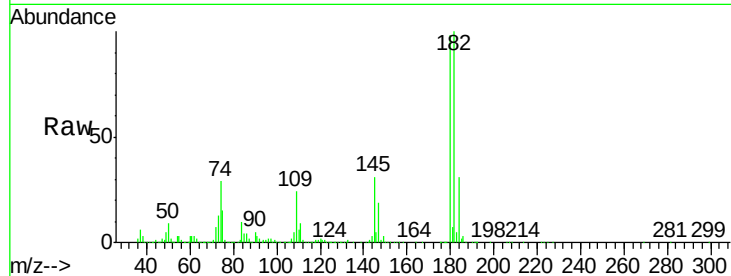
#93
 1,2,4-Trichlorobenzene
 Concen: 17.578 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	162002		
182	96.3	47.5	142.6	
145	31.5	15.7	47.1	

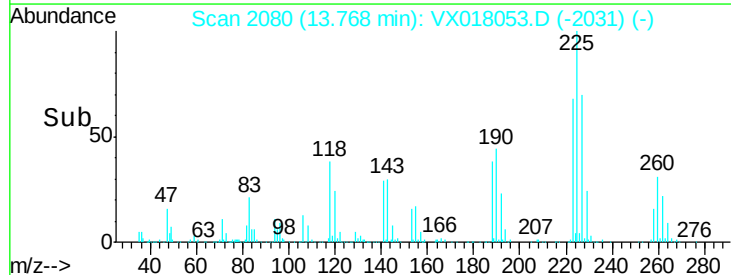
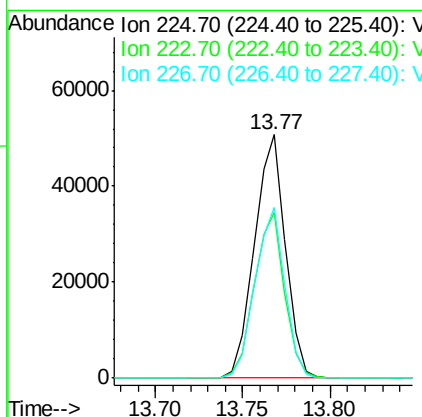
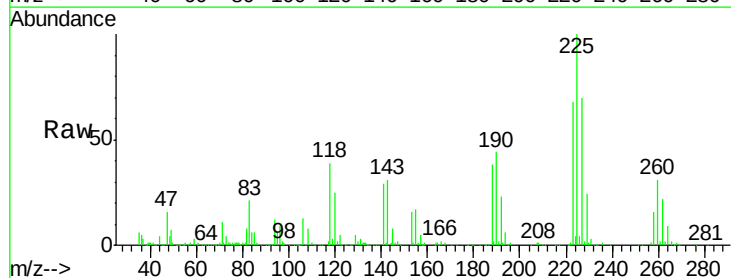
Manual Integrations
 APPROVED

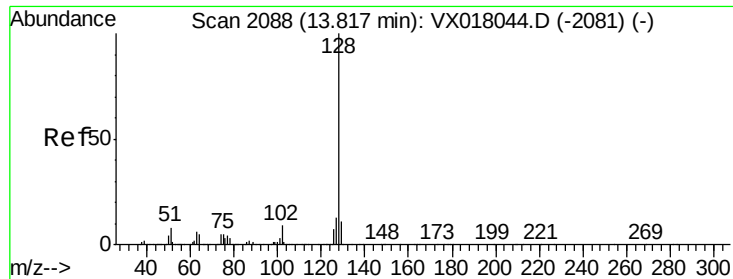
sam
 8/24/2020 5:49:53 PM



#94
 Hexachlorobutadiene
 Concen: 17.110 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62198		
223	66.4	30.7	92.1	
227	67.4	32.6	97.8	





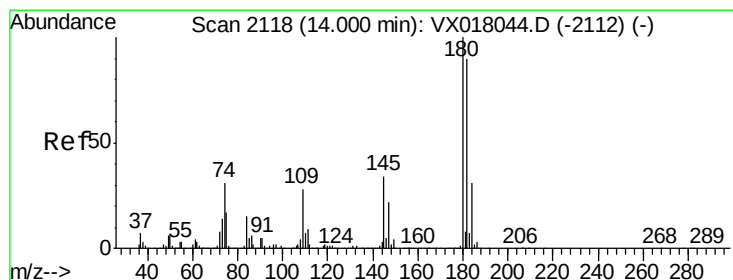
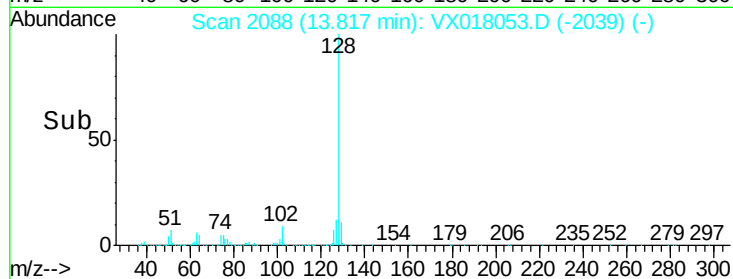
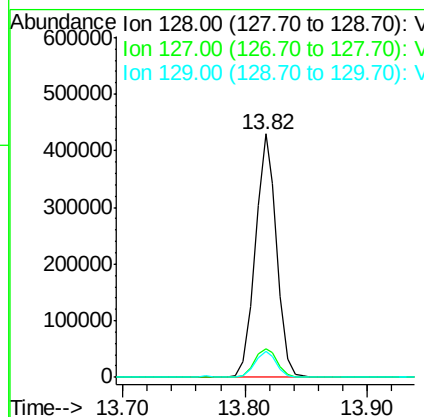
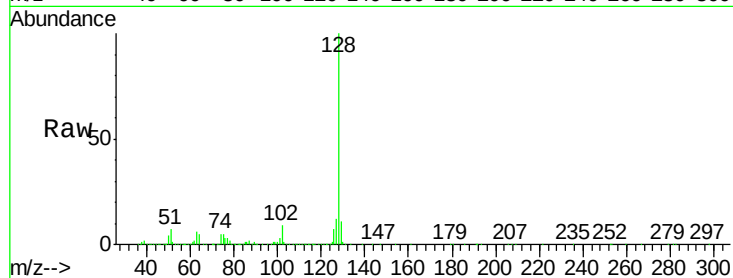
#95
Naphthalene
Concen: 17.120 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	519255		
127	12.8	10.2	15.2	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 17.617 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	160431		
182	93.9	47.3	142.0	
145	31.6	17.5	52.6	

