

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012065.D
 Acq On : 04 Sep 2019 21:22
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 9/5/2019 2:55:56 PM

Quant Time: Sep 05 05:52:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	124013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	101148	59.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.22%	
35) Dibromofluoromethane	5.48	113	81413	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
50) Toluene-d8	8.71	98	294105	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	11.14	95	129238	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	54500	47.657	ug/l	98
3) Chloromethane	1.31	50	61188	52.244	ug/l	98
4) Vinyl Chloride	1.39	62	56056	50.872	ug/l	98
5) Bromomethane	1.62	94	30011	54.903	ug/l	98
6) Chloroethane	1.71	64	36305	52.999	ug/l	99
7) Trichlorofluoromethane	1.92	101	85523	49.971	ug/l	97
8) Diethyl Ether	2.17	74	32585	55.095	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62223	49.086	ug/l #	84
10) Methyl Iodide	2.50	142	46533	38.178	ug/l	93
11) Tert butyl alcohol	3.03	59	42246	257.041	ug/l	95
12) 1,1-Dichloroethene	2.36	96	62359	51.066	ug/l	94
13) Acrolein	2.28	56	7287	166.592	ug/l	94
14) Allyl chloride	2.72	41	117076	52.985	ug/l	97
15) Acrylonitrile	3.12	53	99750	268.398	ug/l	98
16) Acetone	2.43	43	95751	234.111	ug/l	99
17) Carbon Disulfide	2.56	76	193035	54.089	ug/l	100
18) Methyl Acetate	2.76	43	63229	65.625	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	217017	54.588	ug/l	99
20) Methylene Chloride	2.84	84	80575	49.060	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	75878	52.951	ug/l	93
22) Diisopropyl ether	3.84	45	240303	53.356	ug/l	97
23) Vinyl Acetate	3.80	43	753149	258.508	ug/l	99
24) 1,1-Dichloroethane	3.69	63	138766	53.125	ug/l	98
25) 2-Butanone	4.65	43	139468	267.887	ug/l	96
26) 2,2-Dichloropropane	4.56	77	109198	45.280	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	88945	52.951	ug/l	94
28) Bromochloromethane	5.00	49	56189	53.889	ug/l #	80
29) Tetrahydrofuran	5.11	42	87176	277.918	ug/l	99
30) Chloroform	5.19	83	148757	53.075	ug/l	98
31) Cyclohexane	5.56	56	101947	48.596	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	127734	52.327	ug/l	97
36) 1,1-Dichloropropene	5.79	75	101591	48.376	ug/l	95
37) Ethyl Acetate	4.82	43	60522	52.998	ug/l	100
38) Carbon Tetrachloride	5.77	117	109307	49.396	ug/l	97

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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	7.45	83	109410	44.889	ug/l	95
40) Benzene	6.13	78	306682	50.870	ug/l	97
41) Methacrylonitrile	5.02	41	37329	54.814	ug/l	98
42) 1,2-Dichloroethane	6.18	62	115521	53.247	ug/l	97
43) Isopropyl Acetate	6.43	43	122363	52.697	ug/l	99
44) Trichloroethene	7.20	130	81049	49.843	ug/l	81
45) 1,2-Dichloropropane	7.51	63	78024	50.092	ug/l	99
46) Dibromomethane	7.65	93	47349	52.073	ug/l #	74
47) Bromodichloromethane	7.89	83	117894	51.009	ug/l	98
48) Methyl methacrylate	7.76	41	62199	53.274	ug/l	97
49) 1,4-Dioxane	7.73	88	16076	1010.061	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	312216	264.352	ug/l	98
52) Toluene	8.78	92	195856	49.930	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	117928	49.284	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	131896	49.568	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	65535	50.413	ug/l	97
56) Ethyl methacrylate	9.17	69	97495	52.359	ug/l	97
57) 1,3-Dichloropropane	9.37	76	114991	51.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	209855	249.984	ug/l	94
59) 2-Hexanone	9.48	43	224145	260.091	ug/l	97
60) Dibromochloromethane	9.57	129	79301	51.185	ug/l	99
61) 1,2-Dibromoethane	9.67	107	64128	51.052	ug/l	99
64) Tetrachloroethene	9.33	164	75154	54.638	ug/l #	87
65) Chlorobenzene	10.14	112	214454	49.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79981	50.248	ug/l	97
67) Ethyl Benzene	10.25	91	388318	48.938	ug/l	96
68) m/p-Xylenes	10.36	106	285330	97.597	ug/l	92
69) o-Xylene	10.70	106	139785	49.308	ug/l	91
70) Styrene	10.71	104	245389	49.835	ug/l	95
71) Bromoform	10.86	173	44238	50.601	ug/l	98
73) Isopropylbenzene	11.01	105	375342	49.198	ug/l	97
74) N-amyl acetate	10.89	43	113442	50.291	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	80569	50.657	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	72280m	56.892	ug/l	
77) Bromobenzene	11.25	156	86717	50.822	ug/l #	69
78) n-propylbenzene	11.35	91	439776	47.714	ug/l	94
79) 2-Chlorotoluene	11.42	91	272391	48.782	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	328259	49.098	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	24456	45.509	ug/l	96
82) 4-Chlorotoluene	11.51	91	329152	49.456	ug/l	91
83) tert-Butylbenzene	11.77	119	301997	47.392	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	336847	49.021	ug/l	94
85) sec-Butylbenzene	11.94	105	376129	47.521	ug/l	95
86) p-Isopropyltoluene	12.06	119	346643	48.158	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	166541	48.710	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	166862	48.809	ug/l	95
89) n-Butylbenzene	12.39	91	322778	46.162	ug/l	96
90) Hexachloroethane	12.59	117	68215	47.463	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	154459	50.161	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17022	51.144	ug/l	66

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102513	46.773	ug/l	97
94) Hexachlorobutadiene	13.78	225	50201	45.439	ug/l	99
95) Naphthalene	13.83	128	238191	50.214	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91952	47.688	ug/l	95

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

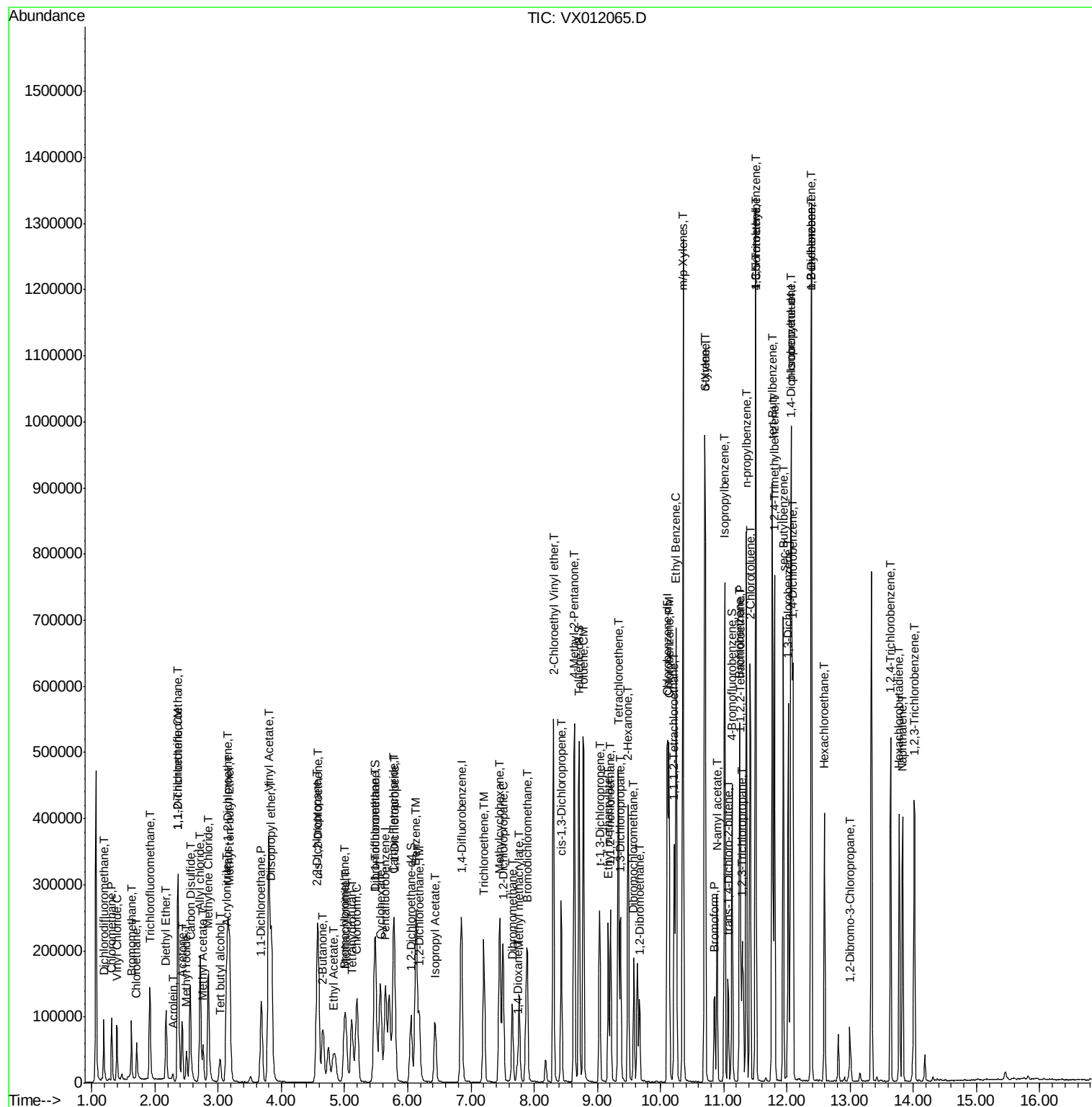
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
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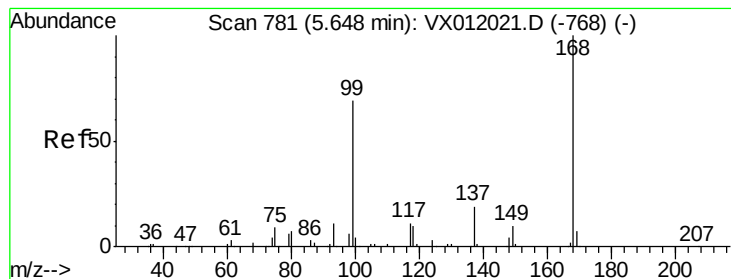
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 124013

Ion Ratio Lower Upper

168 100

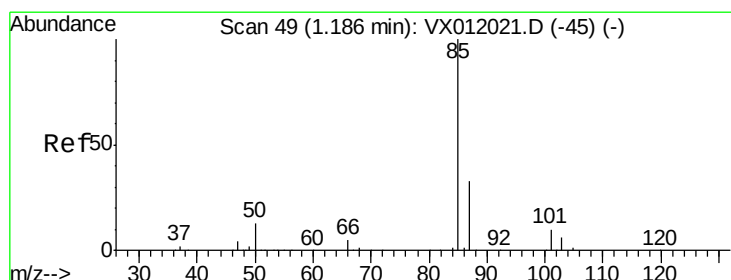
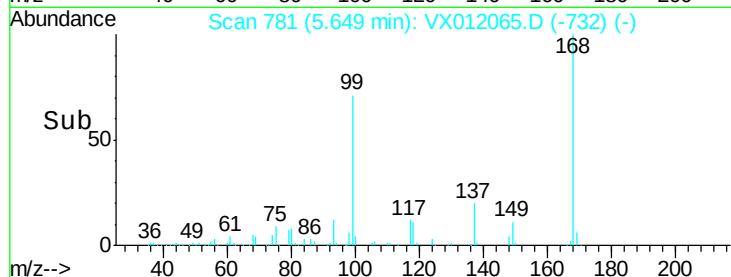
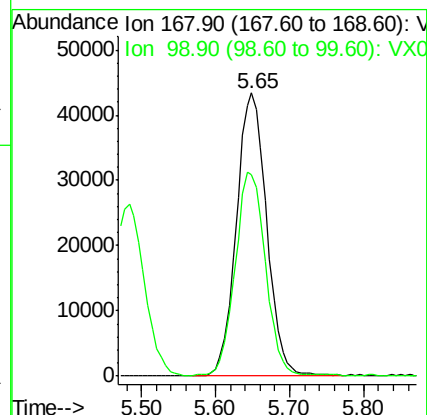
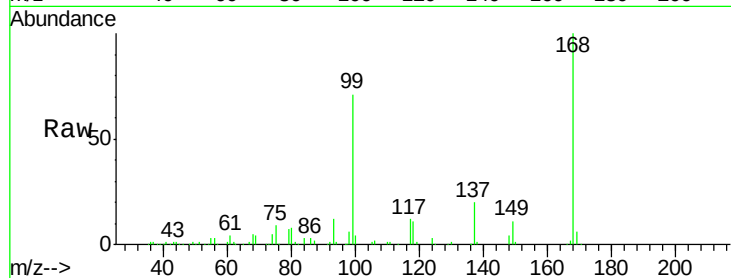
99 70.9 37.6 56.4#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.657 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012065.D

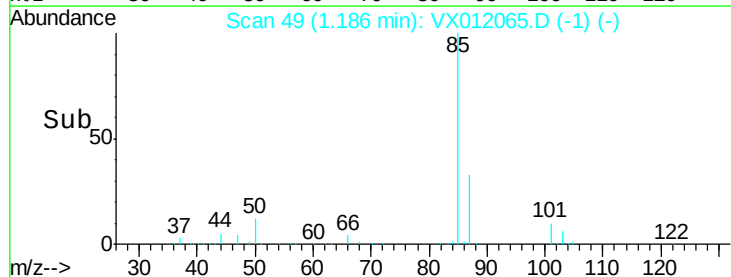
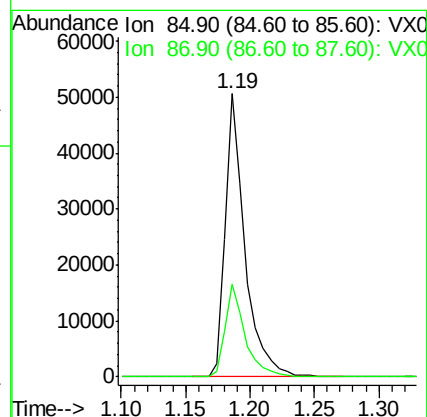
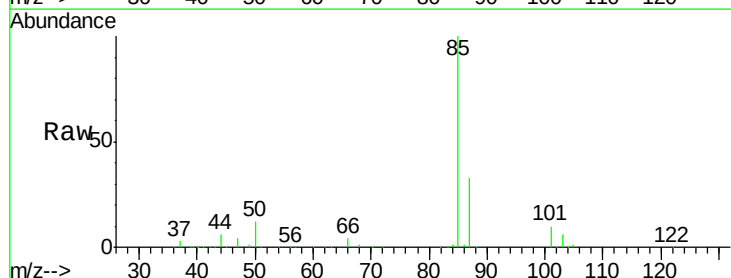
Acq: 04 Sep 2019 21:22

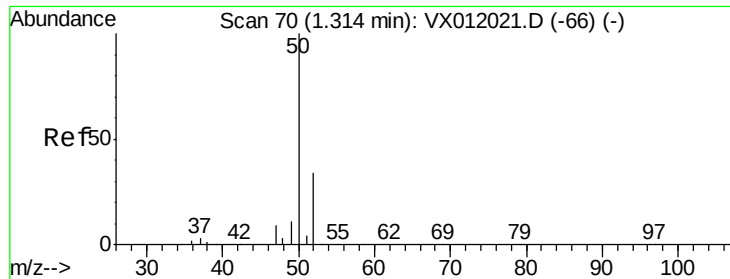
Tgt Ion: 85 Resp: 54500

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8





#3

Chloromethane

Concen: 52.244 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 61188

Ion Ratio Lower Upper

50 100

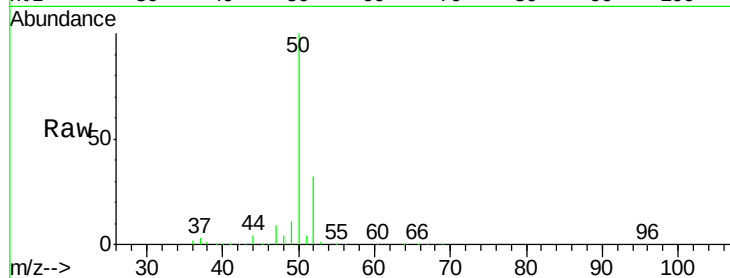
52 32.1 26.5 39.7

Manual Integrations

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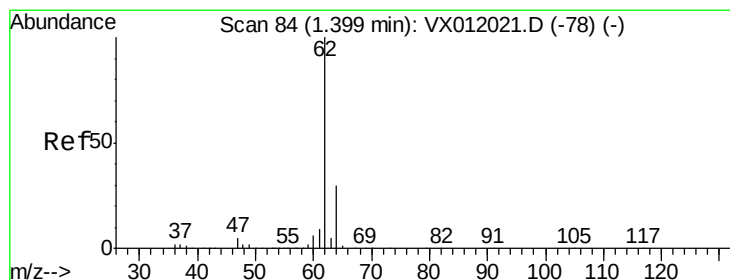
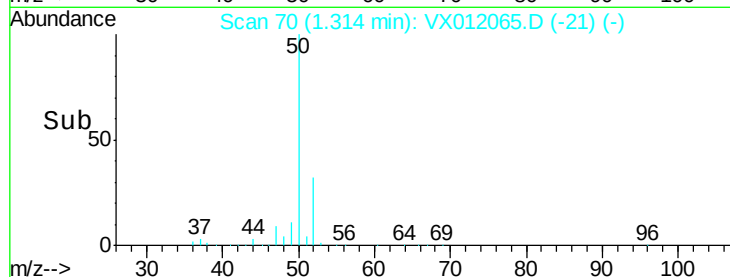
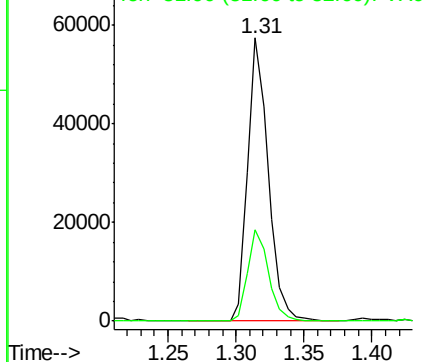
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.872 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012065.D

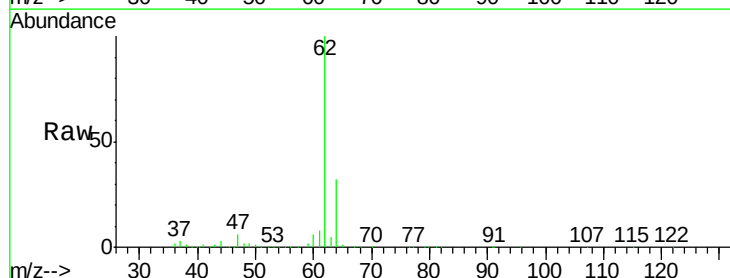
Acq: 04 Sep 2019 21:22

Tgt Ion: 62 Resp: 56056

Ion Ratio Lower Upper

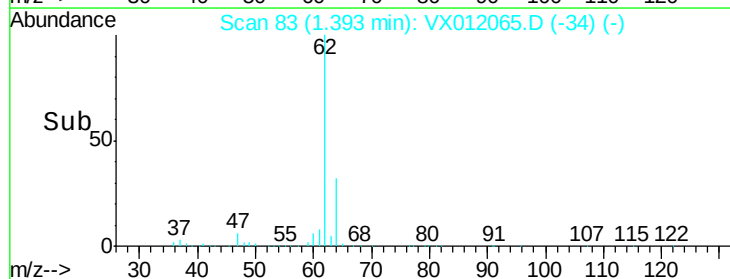
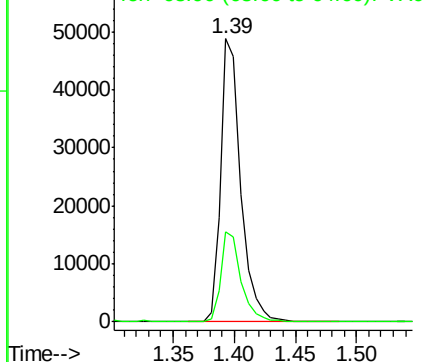
62 100

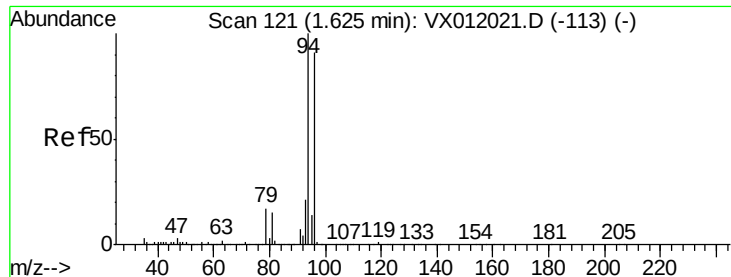
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.903 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 30011

Ion Ratio Lower Upper

94 100

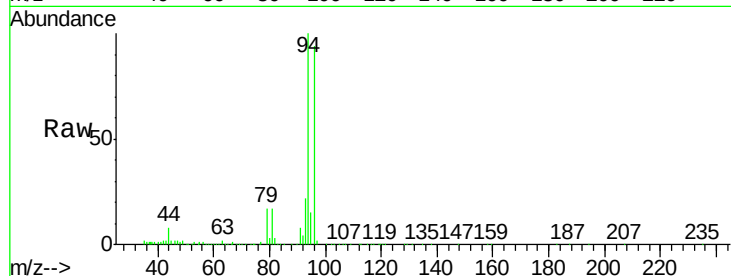
96 93.4 76.3 114.5

Manual Integrations

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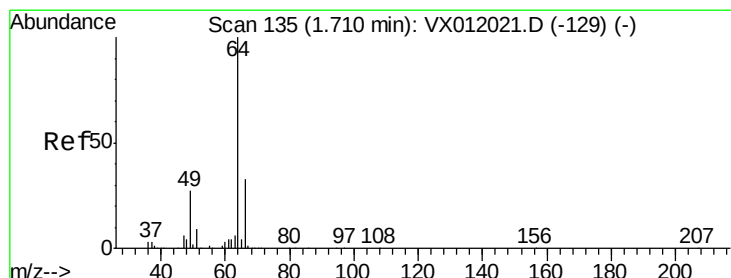
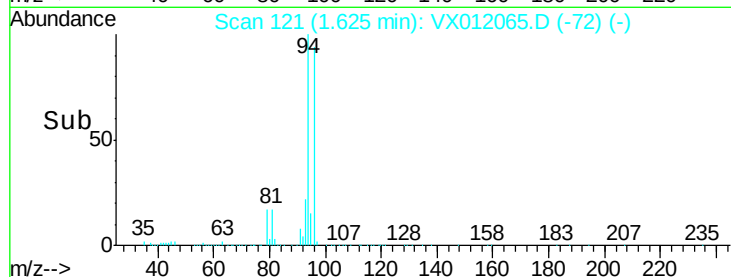
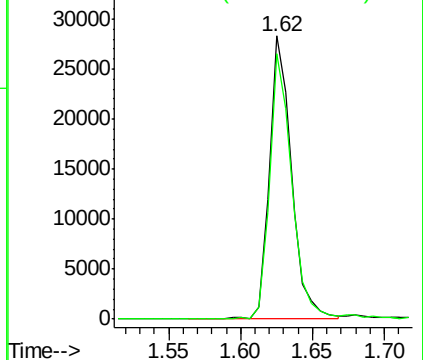
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.999 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012065.D

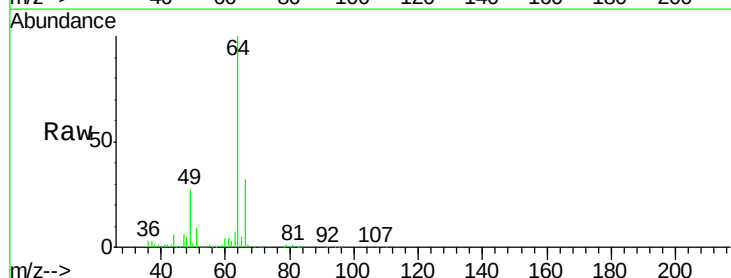
Acq: 04 Sep 2019 21:22

Tgt Ion: 64 Resp: 36305

Ion Ratio Lower Upper

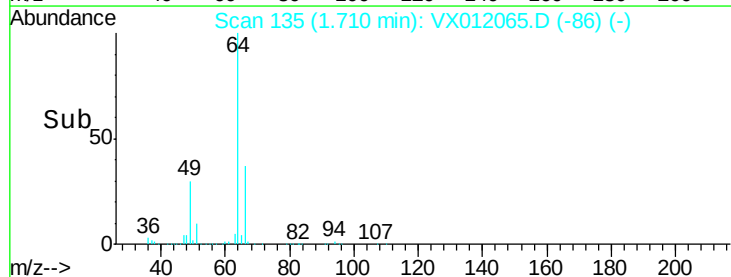
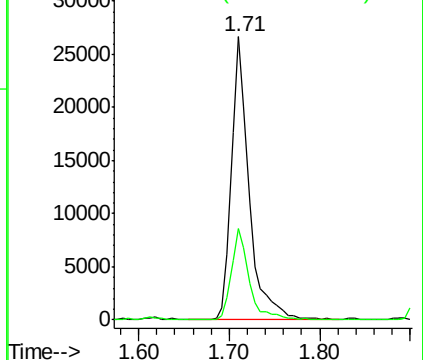
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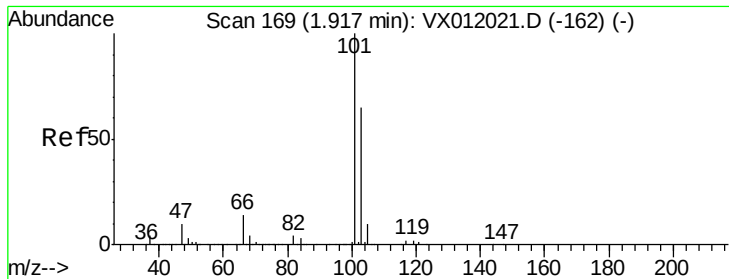
66 32.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

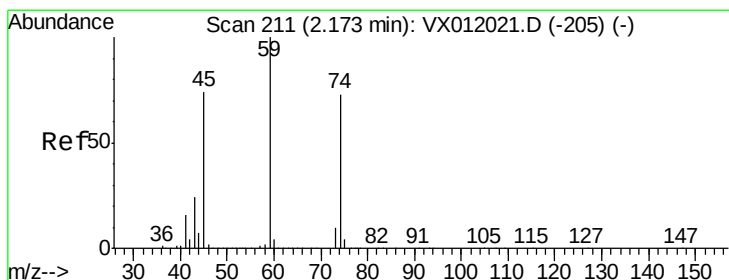
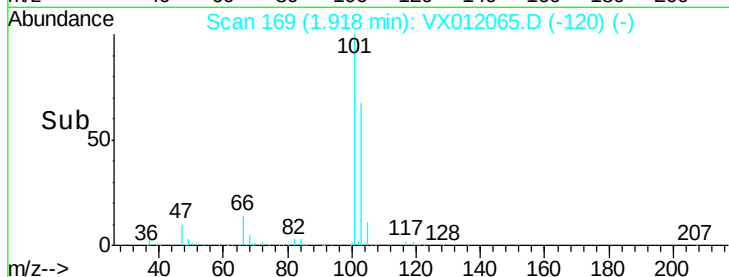
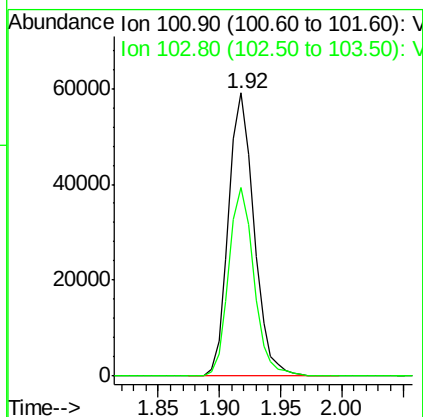
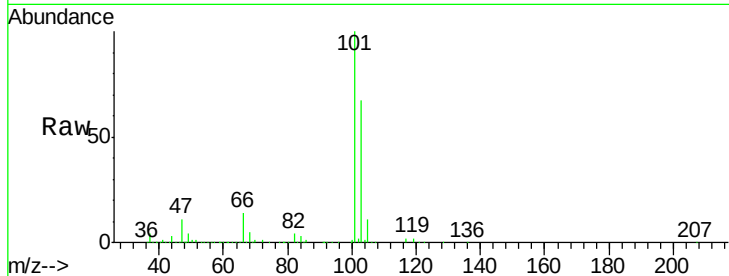
Trichlorofluoromethane
Concen: 49.971 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.6	77.4

Manual Integrations
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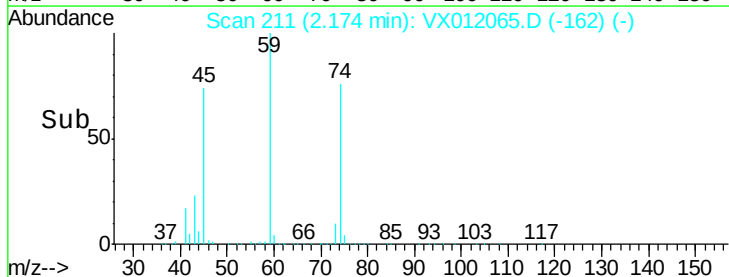
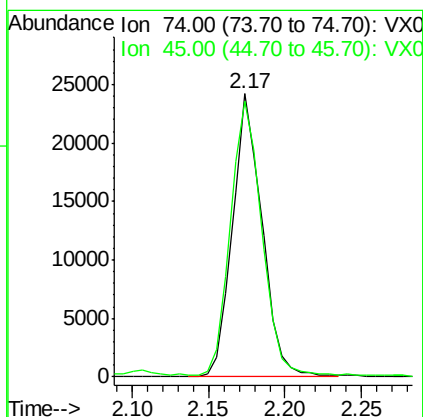
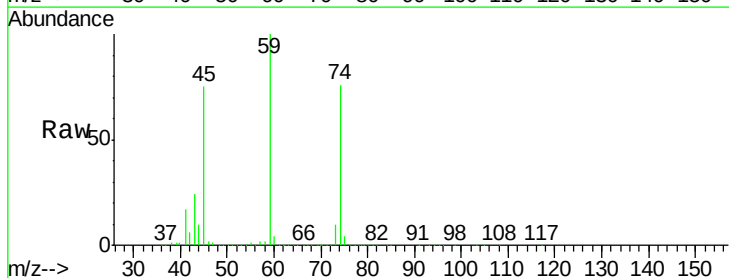
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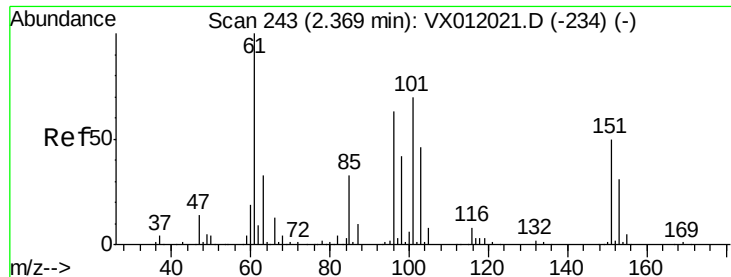


#8

Diethyl Ether
Concen: 55.095 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.086 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

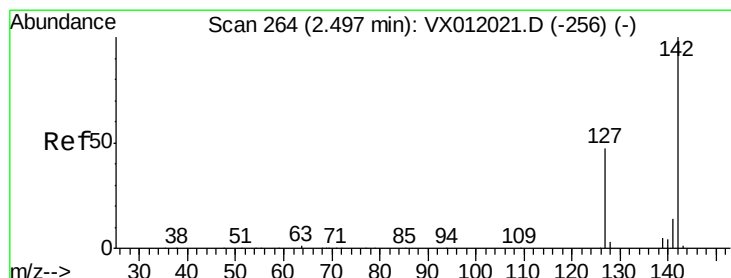
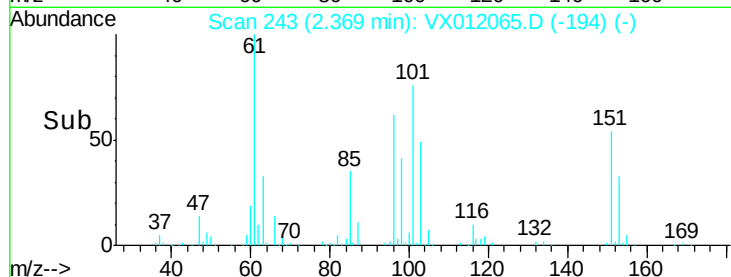
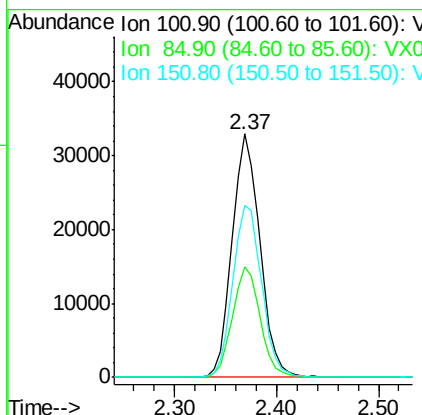
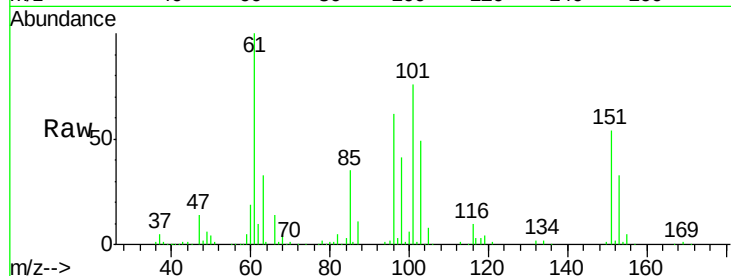
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	62223
Ion	Ratio	Lower	Upper
101	100		
85	45.1	34.5	51.7
151	73.2	75.0	112.4#

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#10

Methyl Iodide

Concen: 38.178 ug/l

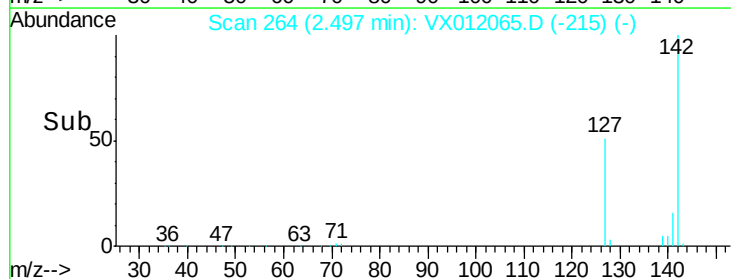
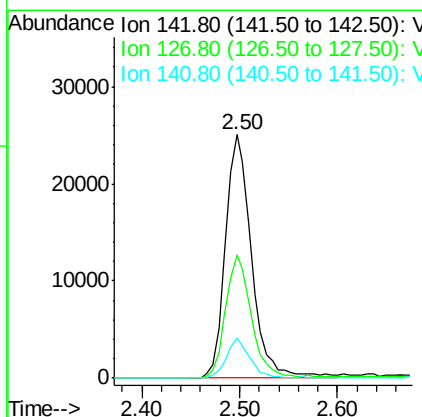
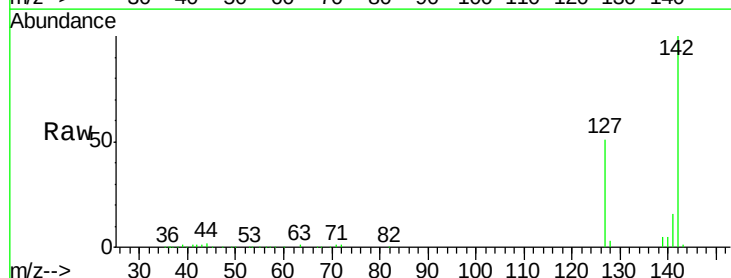
RT: 2.50 min Scan# 264

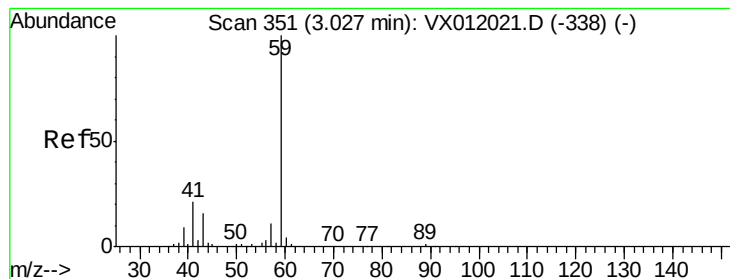
Delta R.T. 0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Tgt Ion:	142	Resp:	46533
Ion	Ratio	Lower	Upper
142	100		
127	50.2	35.4	53.2
141	14.6	11.4	17.2





#11

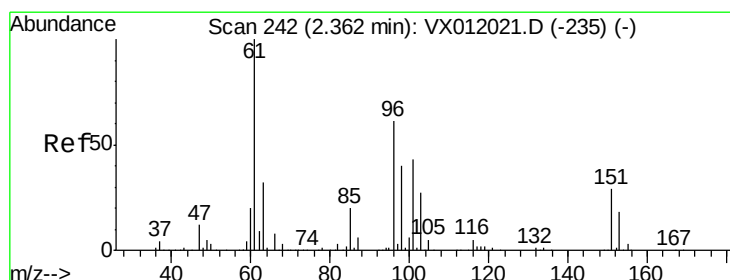
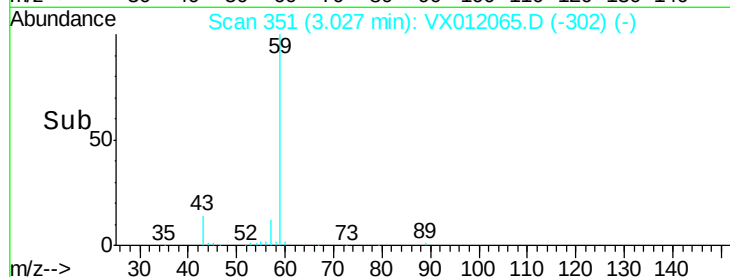
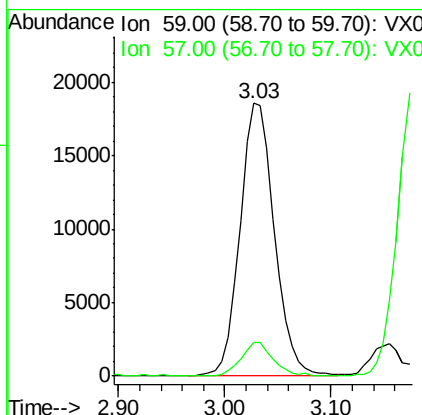
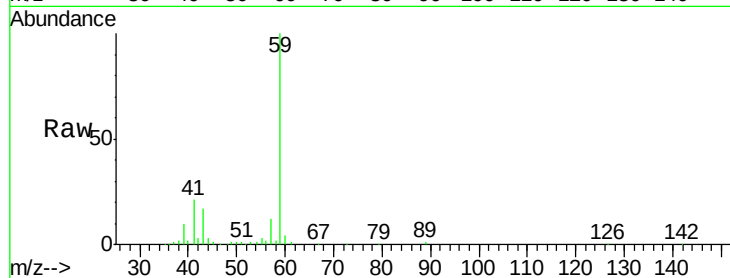
Tert butyl alcohol
 Concen: 257.041 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	42246
Ion Ratio	100	Lower	Upper
59	100		
57	11.9	7.9	11.9

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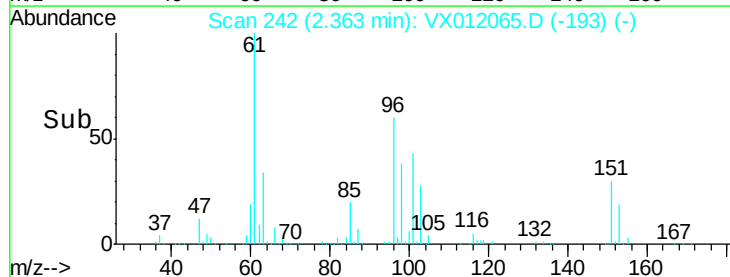
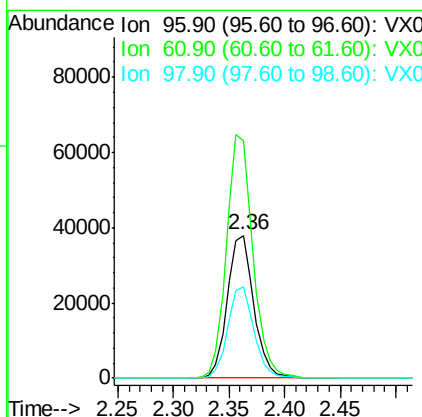
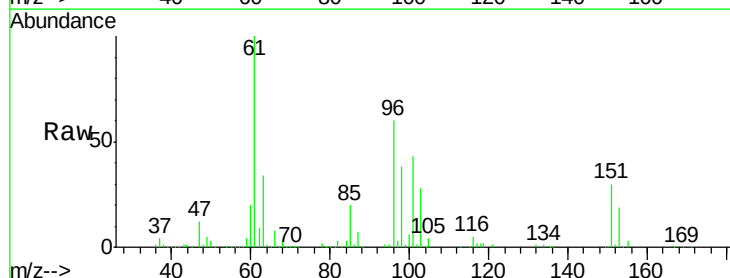
sam
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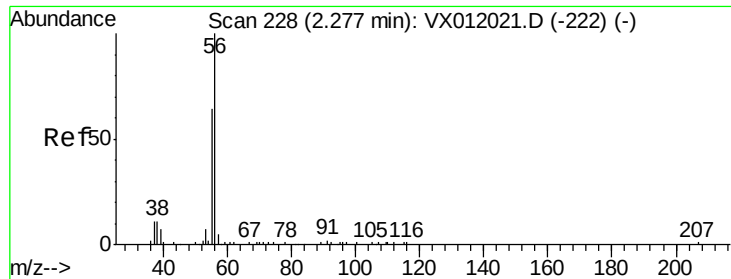


#12

1,1-Dichloroethene
 Concen: 51.066 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	96	Resp	62359
Ion Ratio	100	Lower	Upper
96	100		
61	166.1	124.1	186.1
98	63.9	50.2	75.2





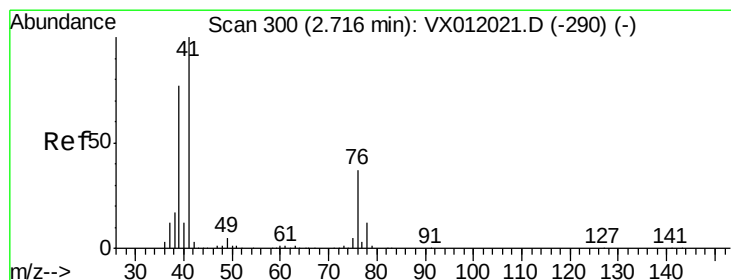
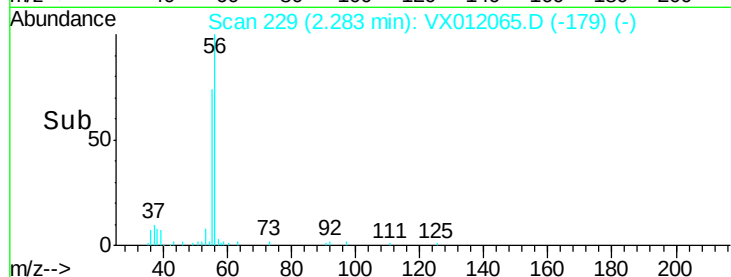
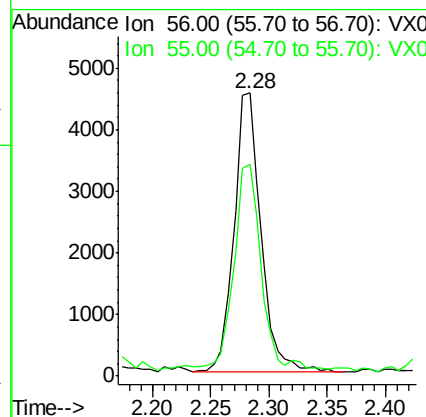
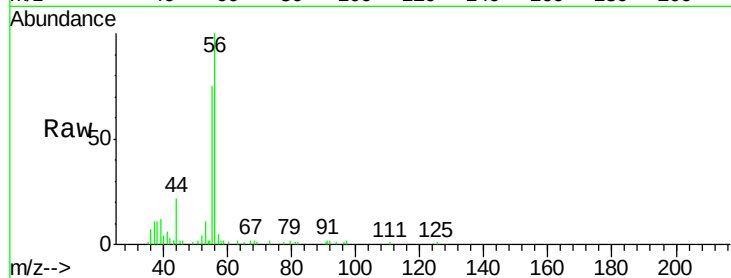
#13
Acrolein
Concen: 166.592 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	7287
Ion Ratio	100	Lower	Upper
55	69.2	59.2	88.8

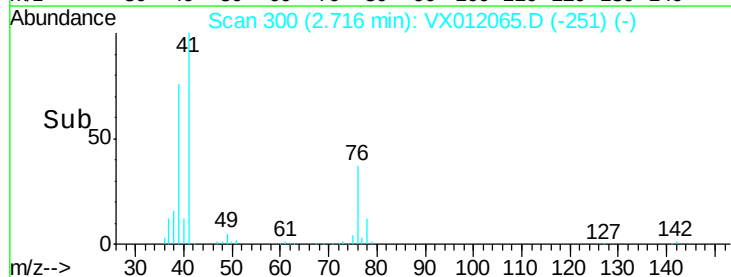
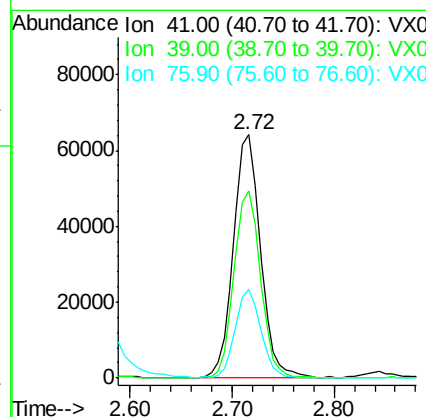
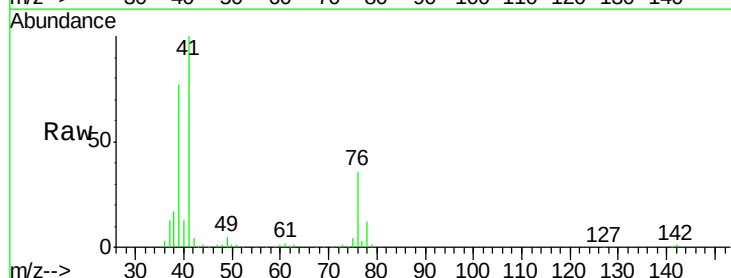
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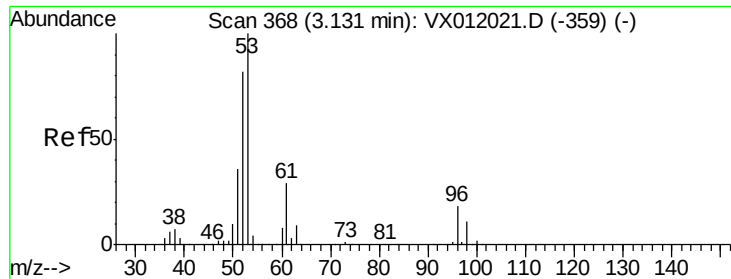
sam
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#14
Allyl chloride
Concen: 52.985 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	41	Resp	117076
Ion Ratio	100	Lower	Upper
39	75.4	57.9	86.9
76	35.1	28.5	42.7





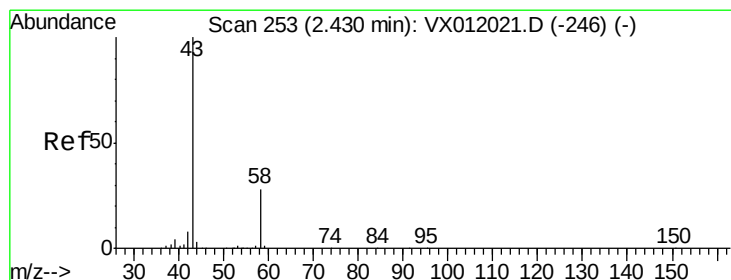
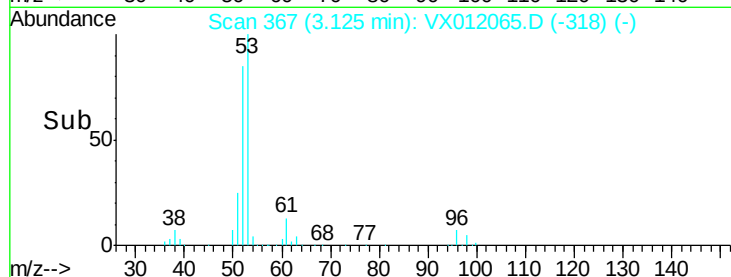
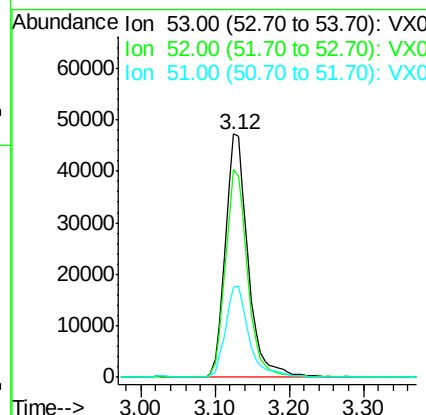
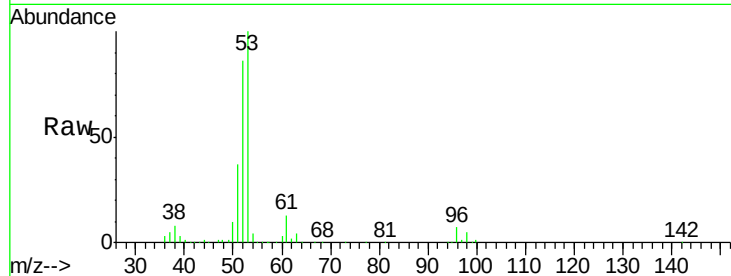
#15
 Acrylonitrile
 Concen: 268.398 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	99750
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.6	98.4
51	38.3	29.8	44.6

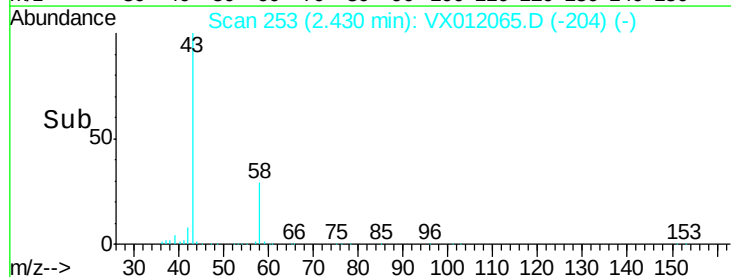
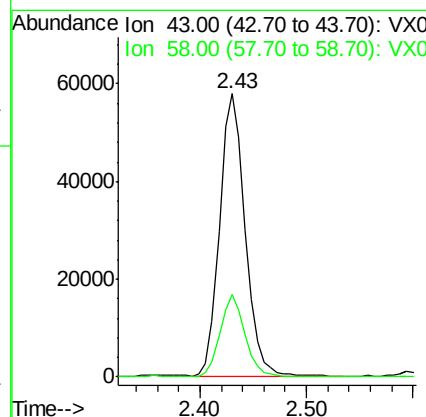
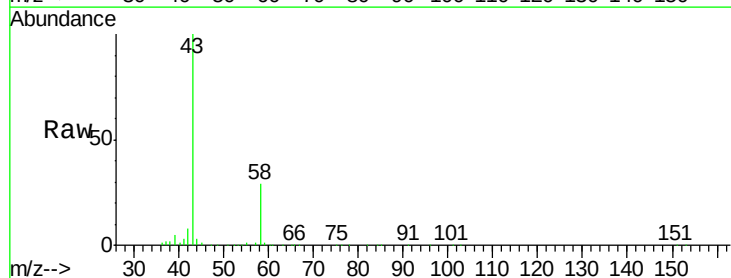
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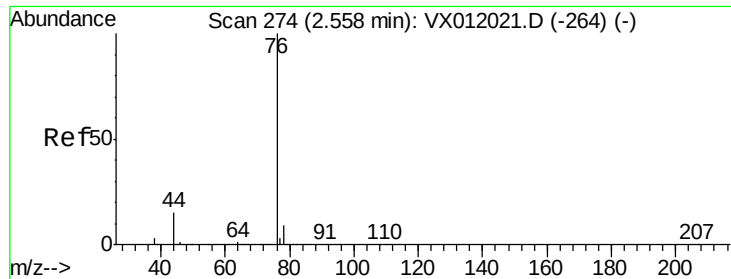
sam
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#16
 Acetone
 Concen: 234.111 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion:	43	Resp:	95751
Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.8	34.2





#17

Carbon Disulfide

Concen: 54.089 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 193035

Ion Ratio Lower Upper

76 100

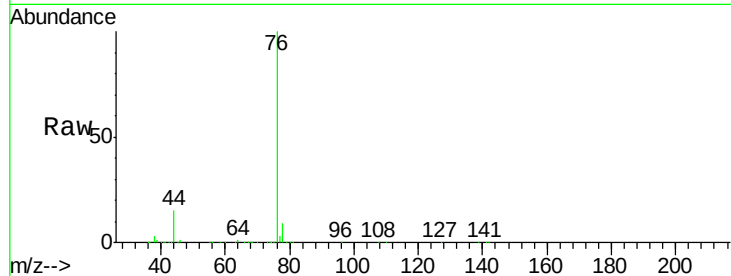
78 9.4 7.4 11.2

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

2.56

120000

100000

80000

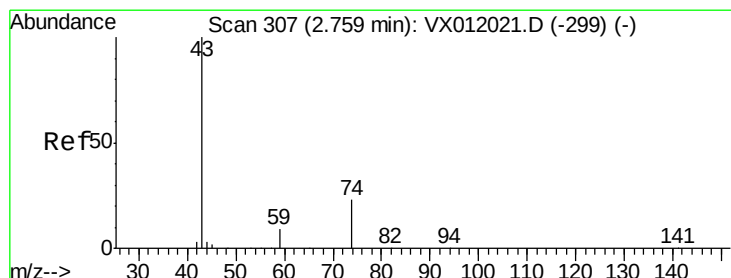
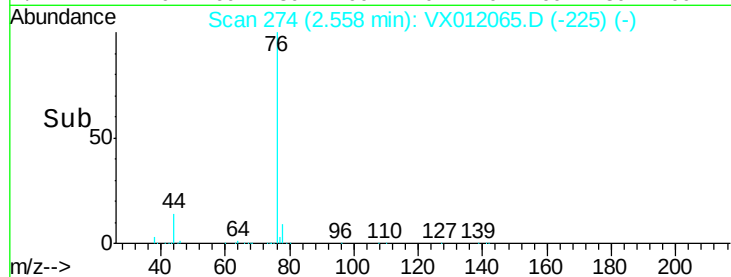
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 65.625 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012065.D

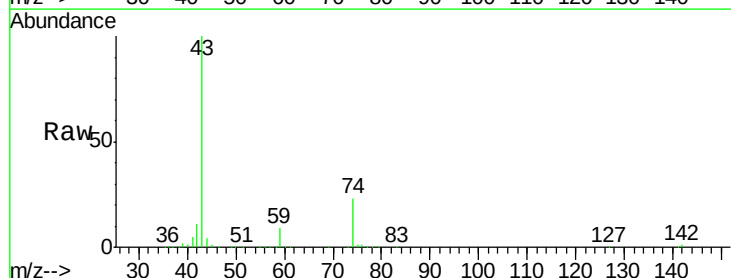
Acq: 04 Sep 2019 21:22

Tgt Ion: 43 Resp: 63229

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

40000

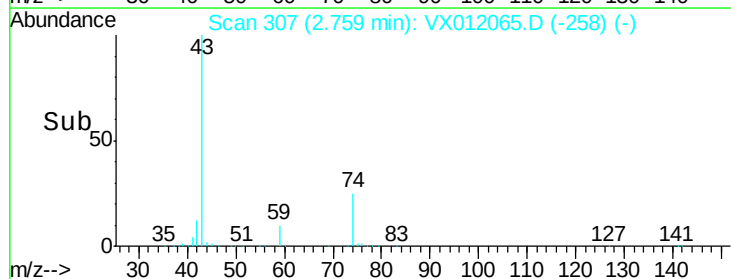
30000

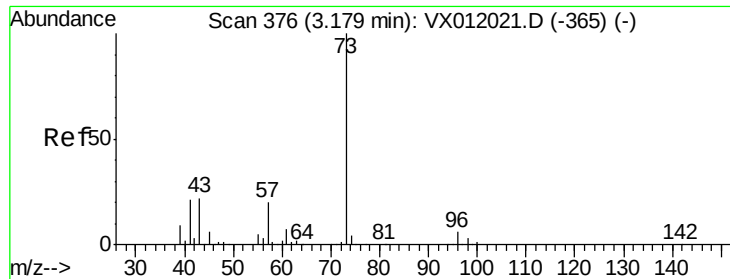
20000

10000

0

Time-->





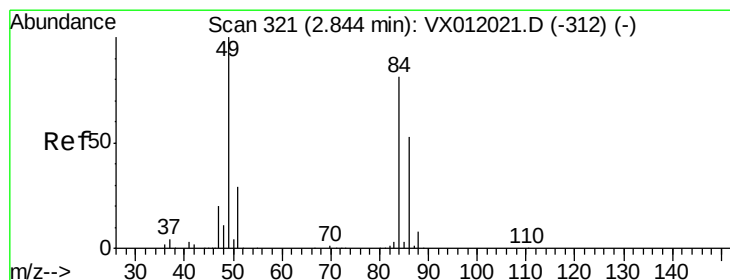
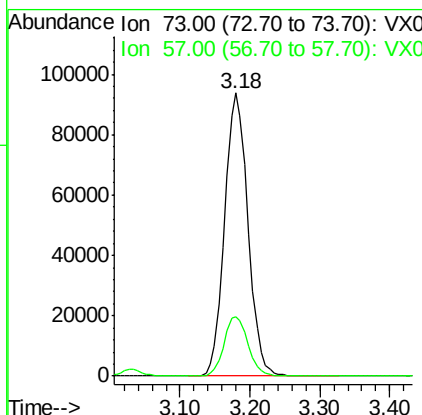
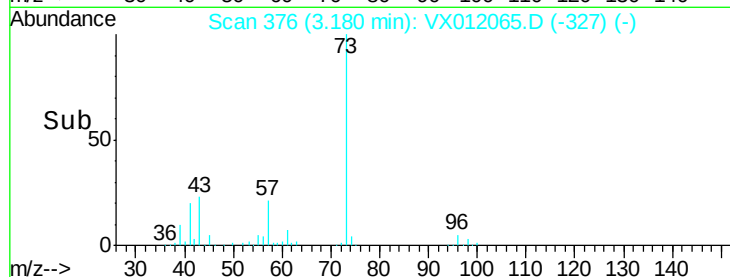
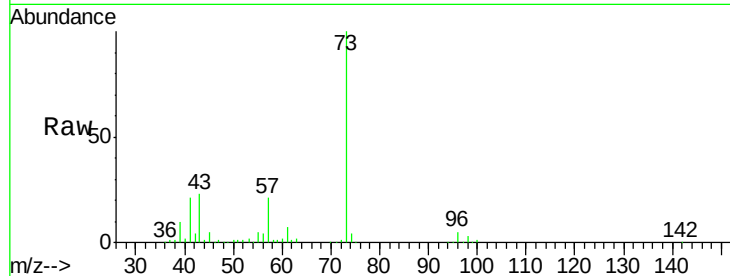
#19
Methvl tert-butyl Ether
Concen: 54.588 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 217017
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

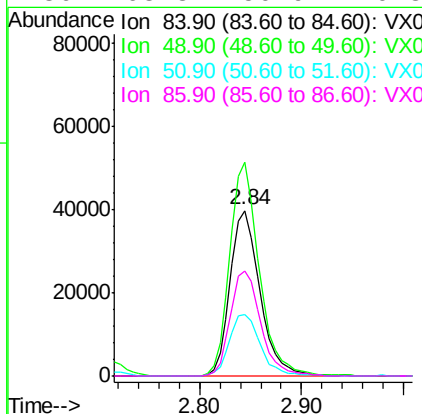
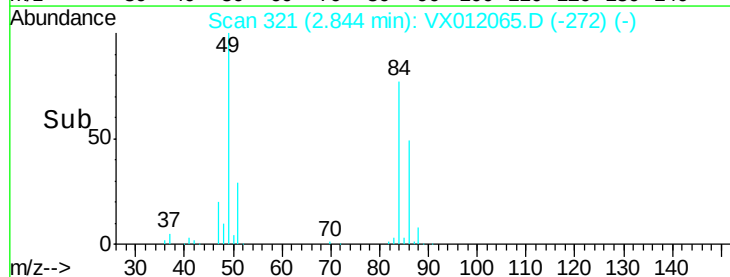
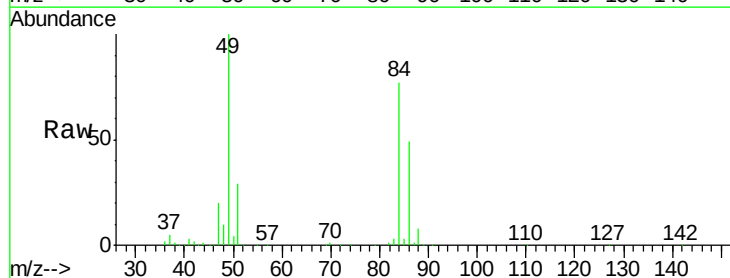
Manual Integrations
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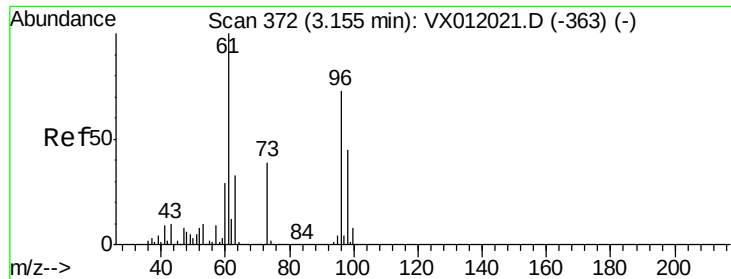
sam
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#20
Methylene Chloride
Concen: 49.060 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion: 84 Resp: 80575
Ion Ratio Lower Upper
84 100
49 129.1 95.8 143.8
51 37.3 28.6 43.0
86 63.3 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 52.951 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 75878

Ion Ratio Lower Upper

96 100

61 145.4 107.0 160.6

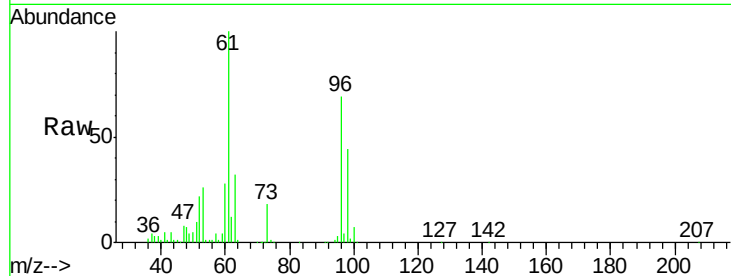
98 64.1 49.8 74.6

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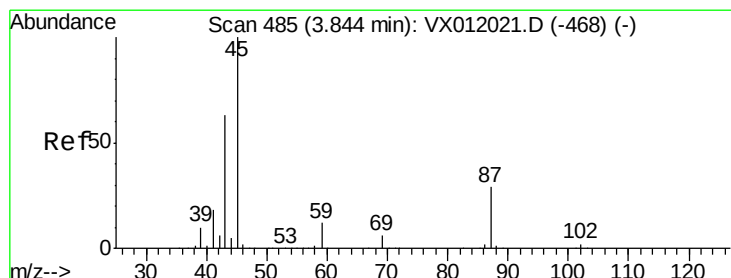
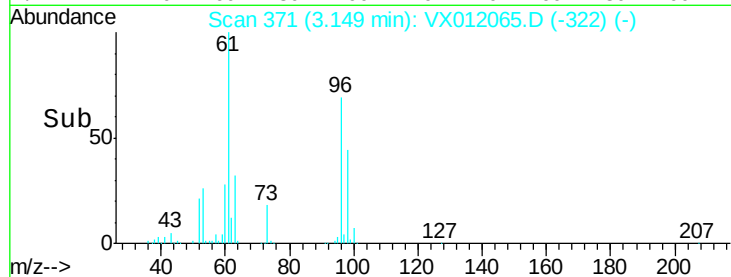
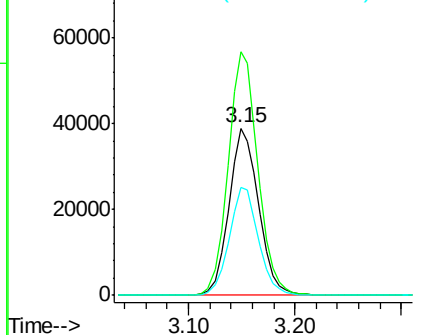
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.356 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Tgt Ion: 45 Resp: 240303

Ion Ratio Lower Upper

45 100

43 70.4 54.2 81.4

87 27.4 23.4 35.0

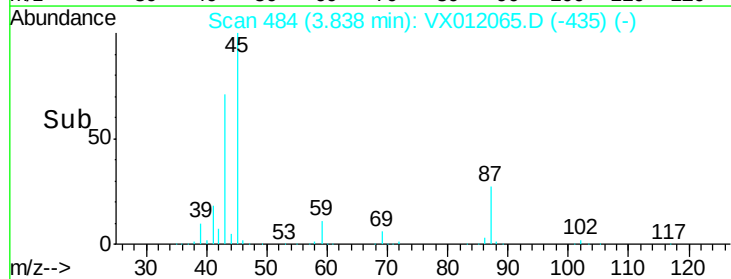
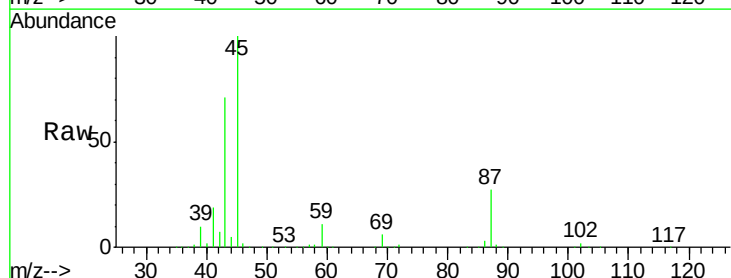
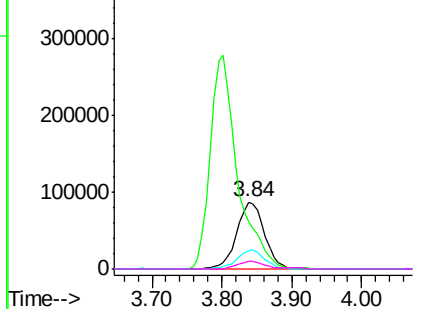
59 10.7 9.0 13.6

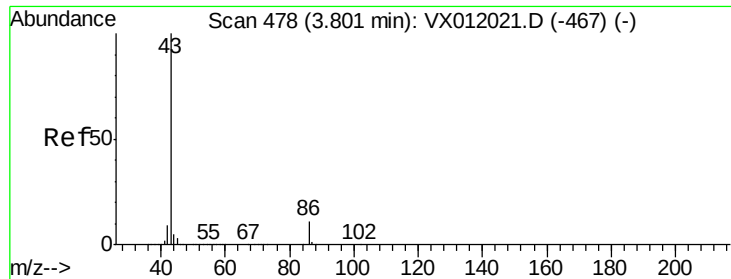
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





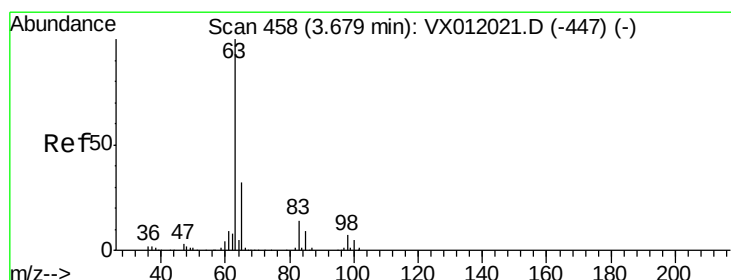
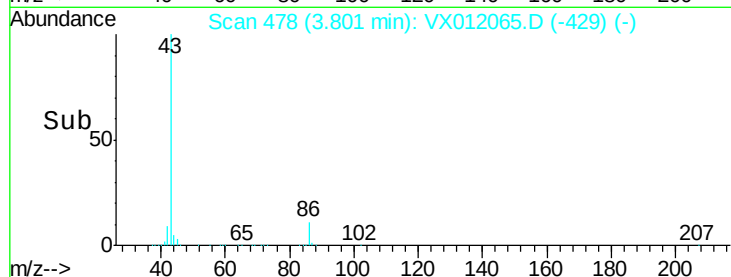
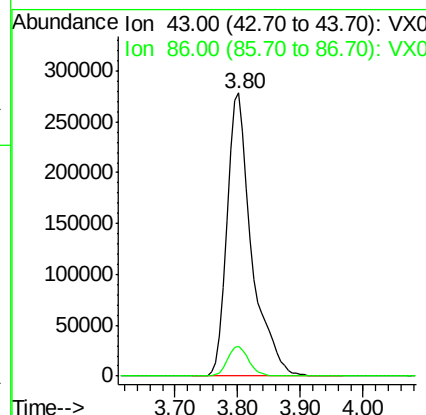
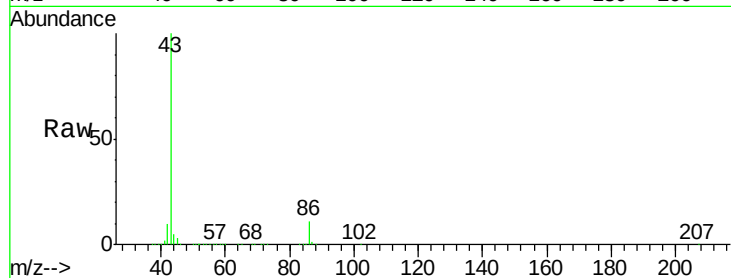
#23
 Vinyl Acetate
 Concen: 258.508 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	753149
Ion Ratio	100	Lower	Upper
43	100		
86	10.8	9.0	13.6

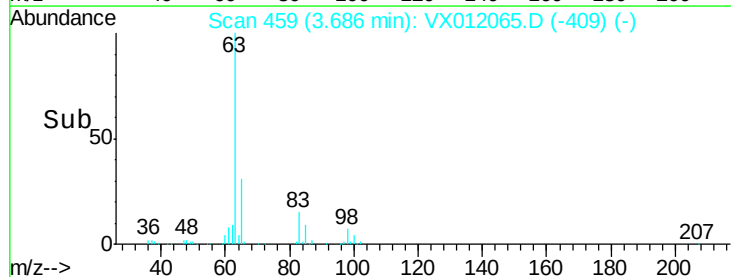
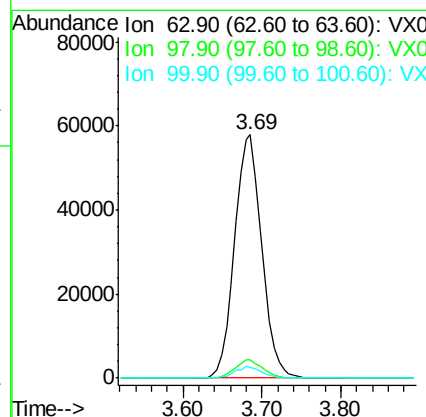
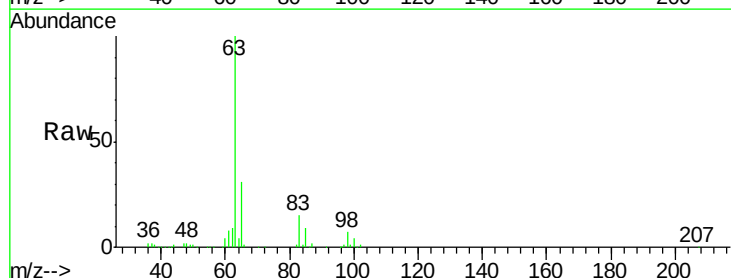
Manual Integrations
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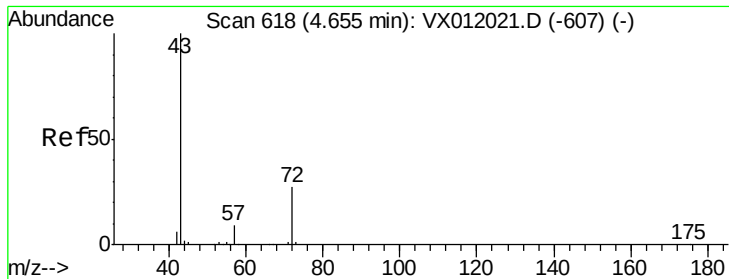
sam
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#24
 1,1-Dichloroethane
 Concen: 53.125 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	63	Resp	138766
Ion Ratio	100	Lower	Upper
63	100		
98	7.4	3.9	11.7
100	4.2	2.5	7.4





#25

2-Butanone

Concen: 267.887 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 139468

Ion Ratio Lower Upper

43 100

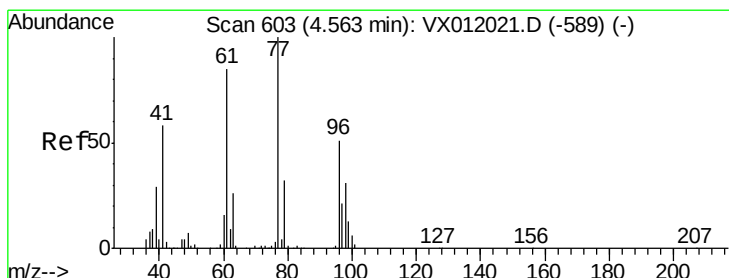
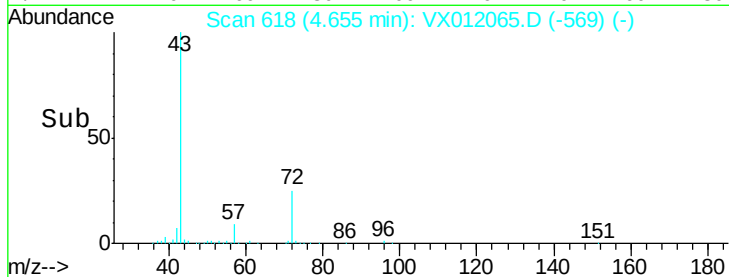
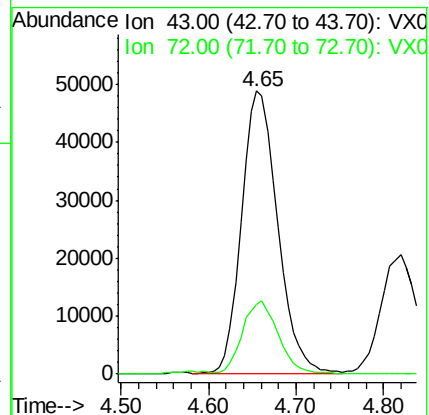
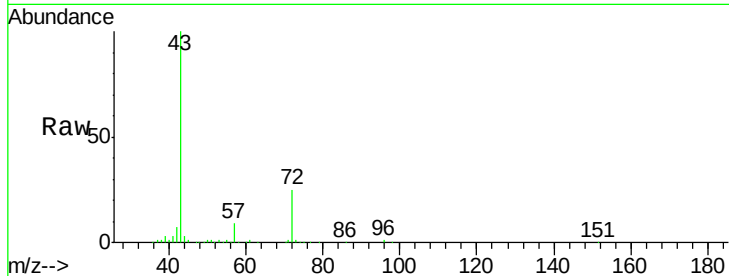
72 24.5 21.3 31.9

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 45.280 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012065.D

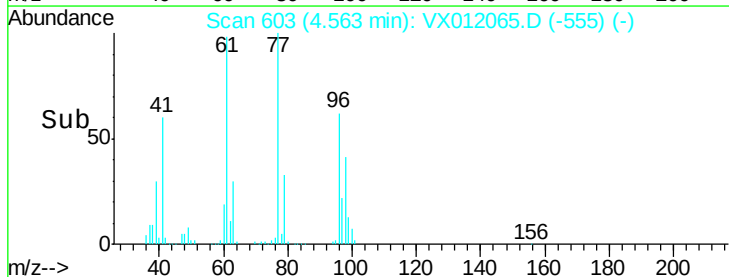
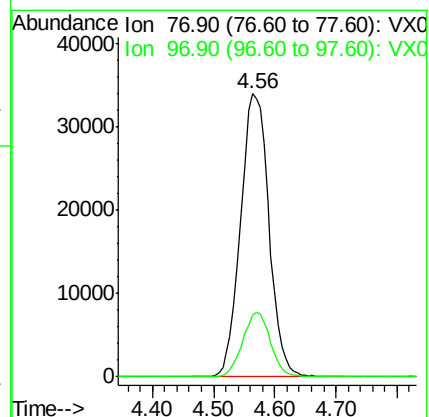
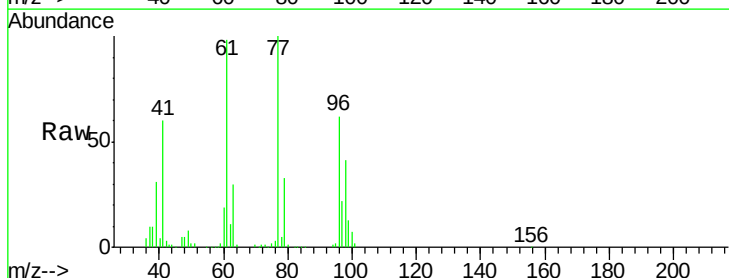
Acq: 04 Sep 2019 21:22

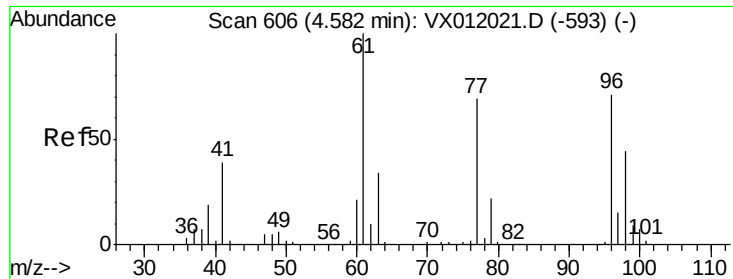
Tgt Ion: 77 Resp: 109198

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5





#27

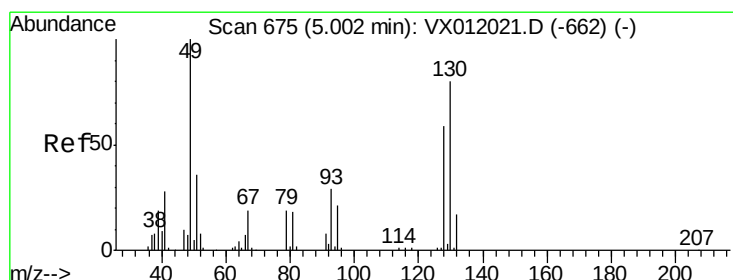
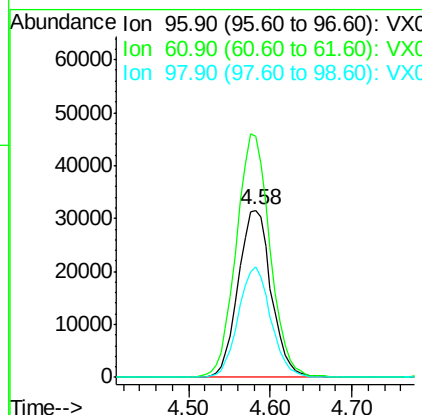
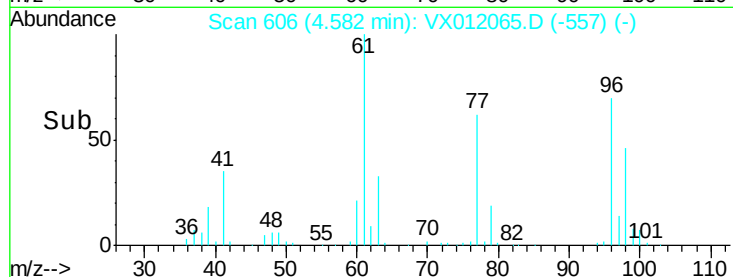
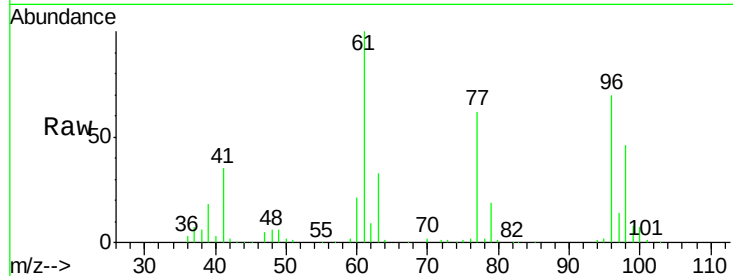
cis-1,2-Dichloroethene
Concen: 52.951 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	277.0
98	64.7	0.0	128.4

Manual Integrations
APPROVED

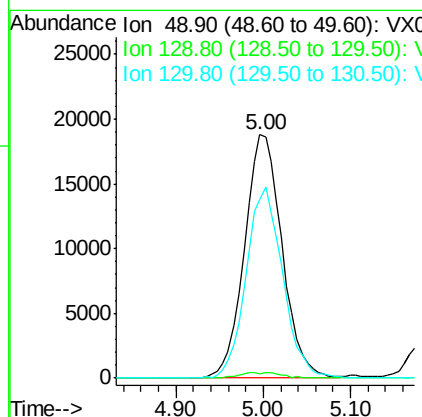
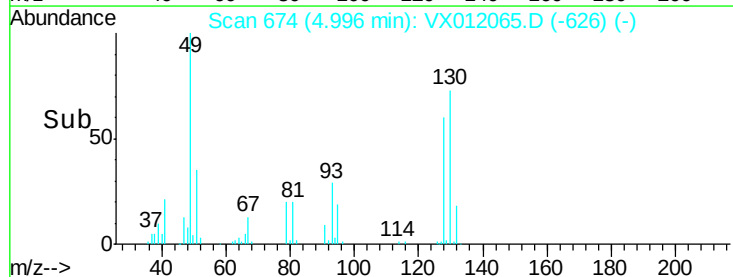
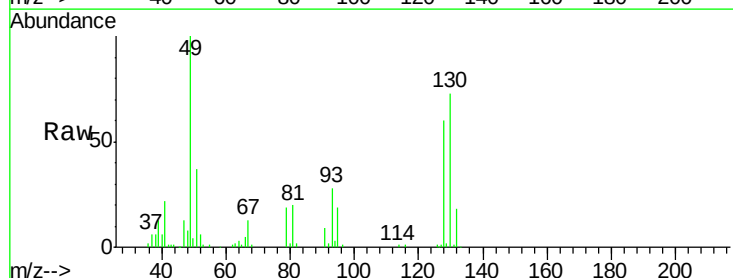
sam
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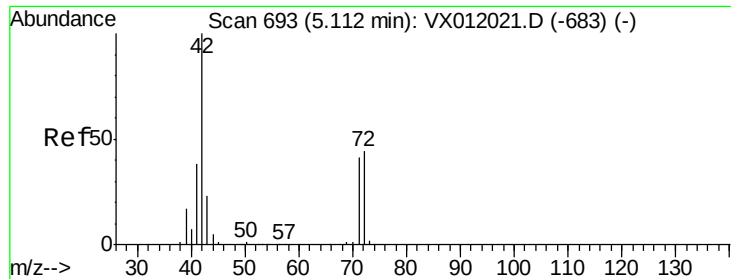


#28

Bromochloromethane
Concen: 53.889 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.6
130	76.1	76.7	115.1#





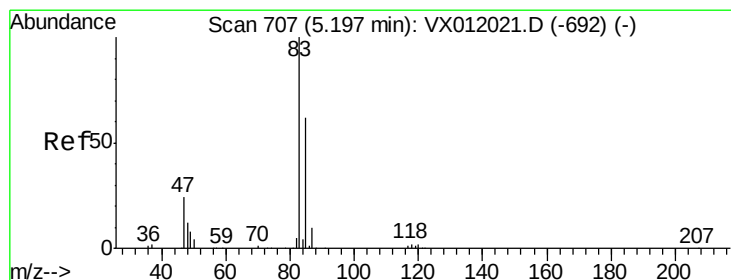
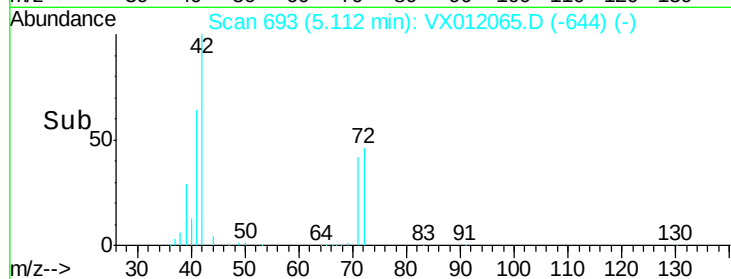
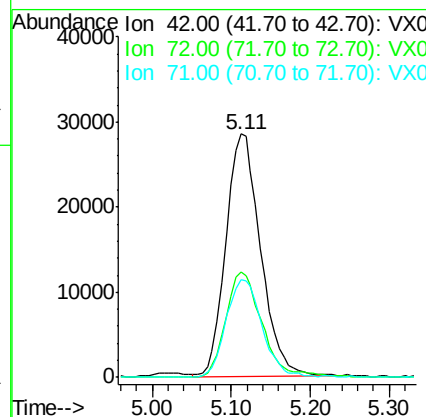
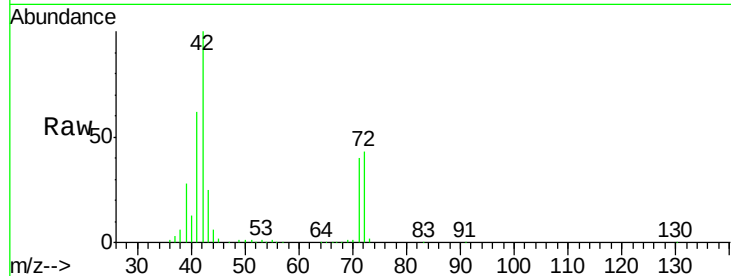
#29
Tetrahydrofuran
Concen: 277.918 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.0	55.4
71	41.8	33.8	50.8

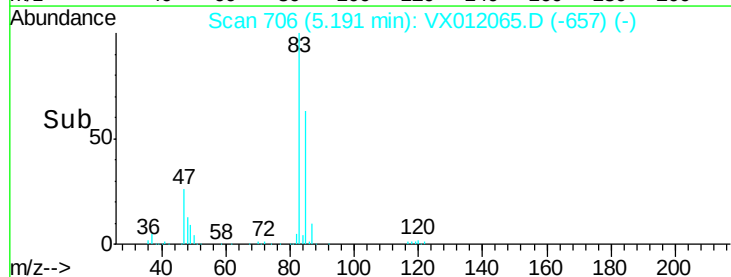
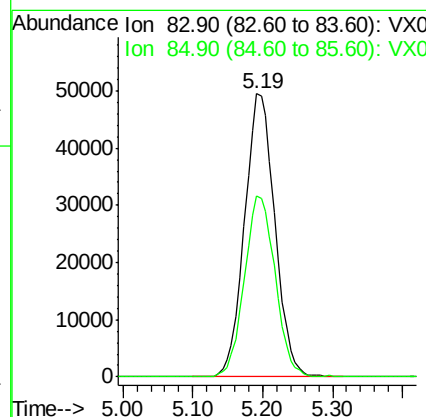
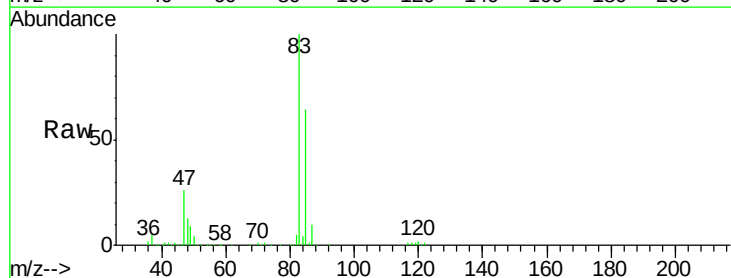
Manual Integrations
APPROVED

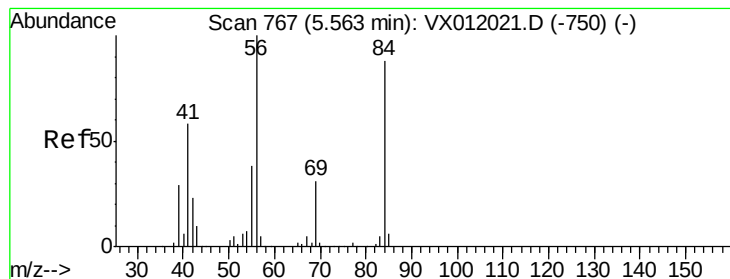
sam
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#30
Chloroform
Concen: 53.075 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.6	78.8





#31

Cyclohexane

Concen: 48.596 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 101947

Ion Ratio Lower Upper

56 100

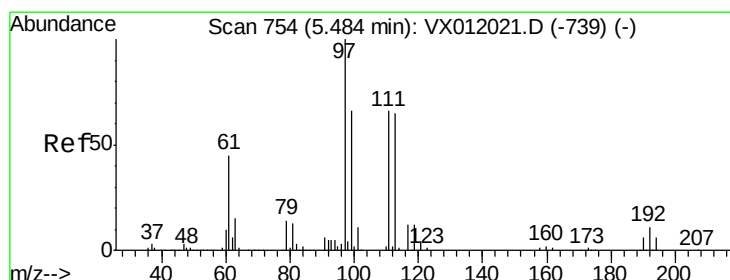
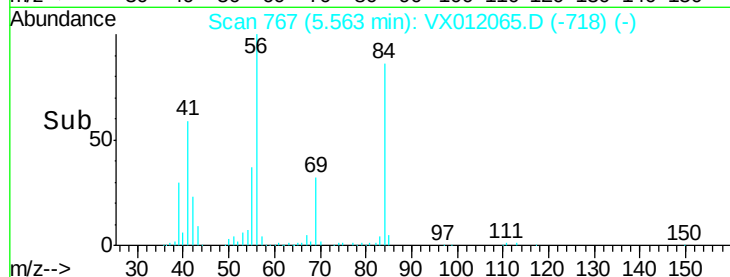
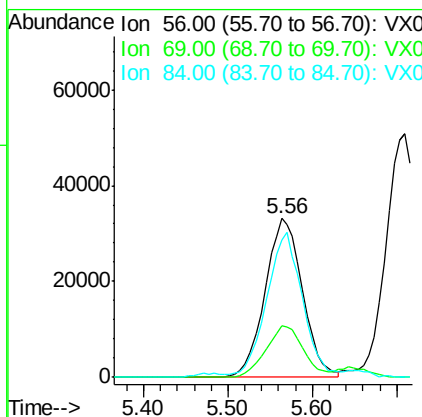
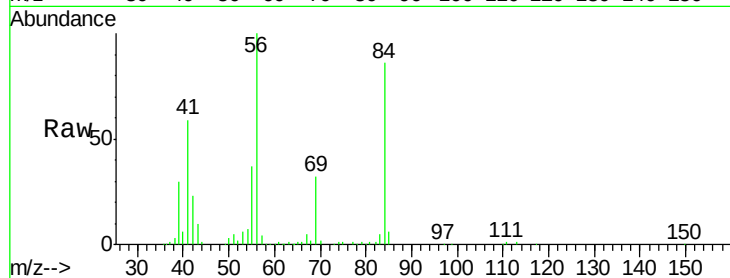
69 32.4 25.7 38.5

84 85.4 70.3 105.5

Manual Integrations
APPROVED

sam

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#32

1,1,1-Trichloroethane

Concen: 52.327 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

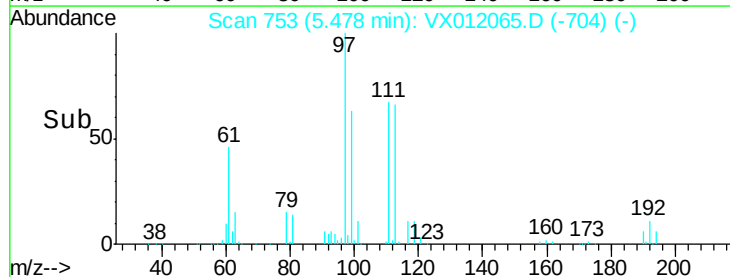
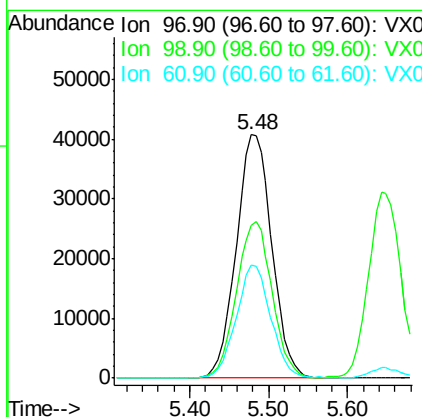
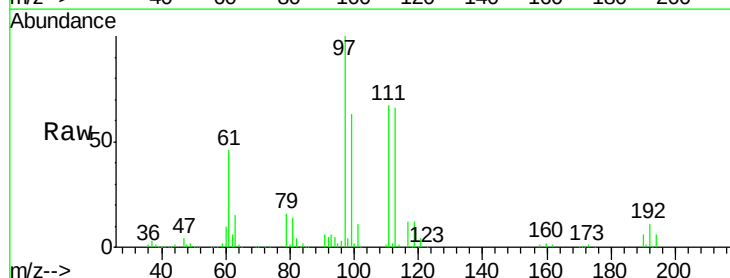
Tgt Ion: 97 Resp: 127734

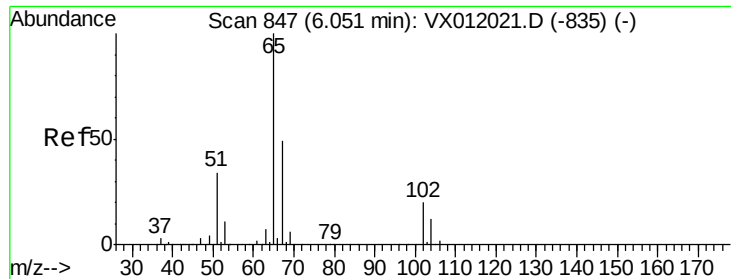
Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 45.1 32.8 49.2





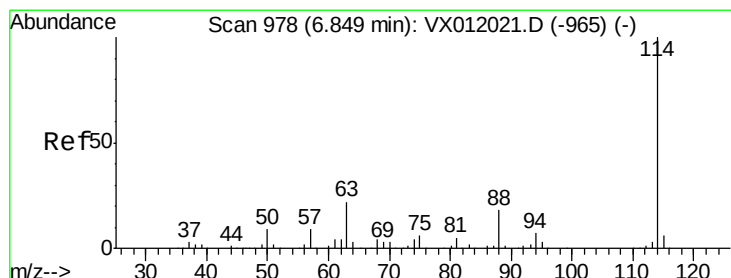
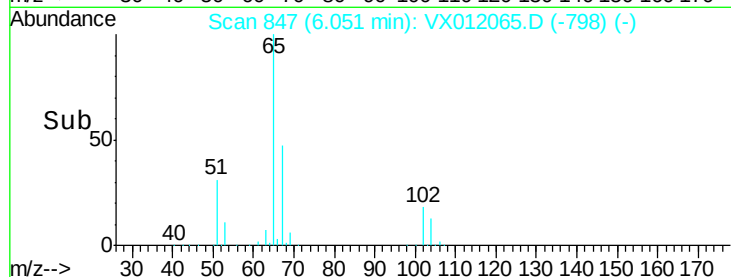
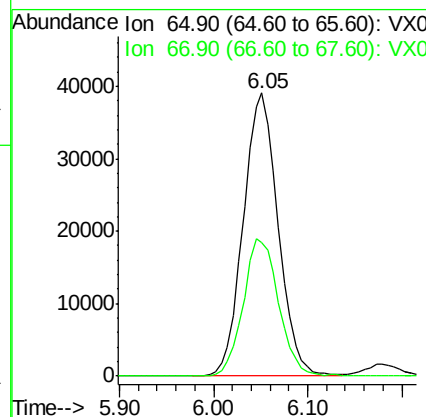
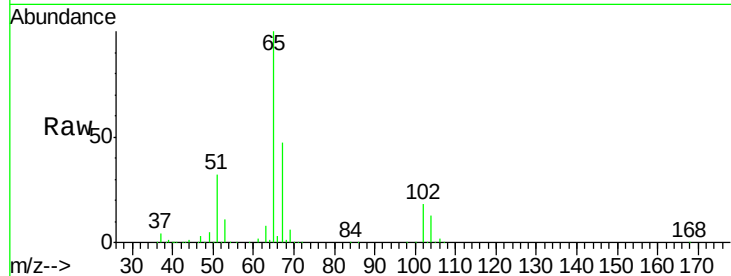
#33
 1,2-Dichloroethane-d4
 Concen: 59.112 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.6	0.0	102.0	

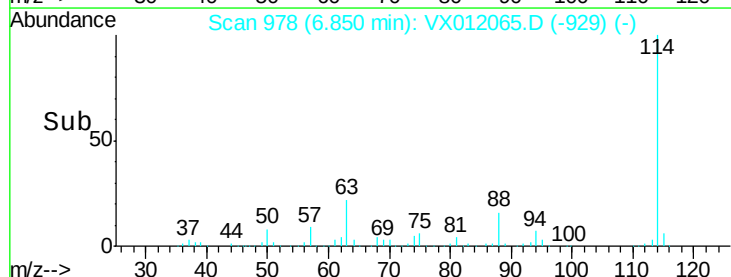
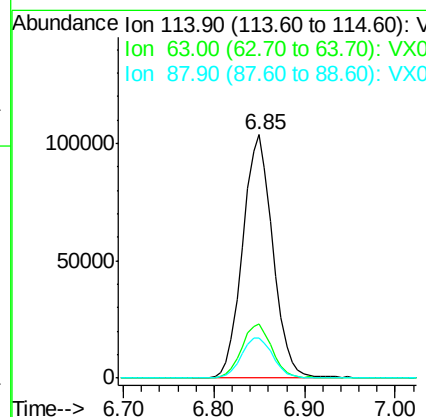
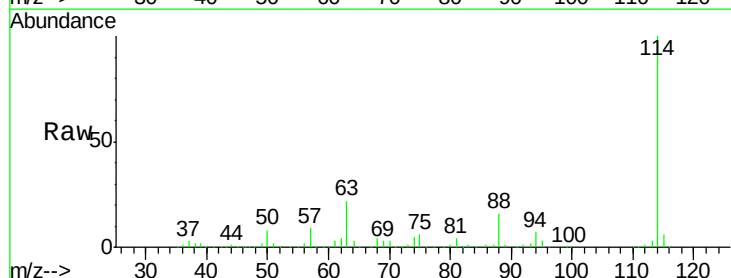
Manual Integrations
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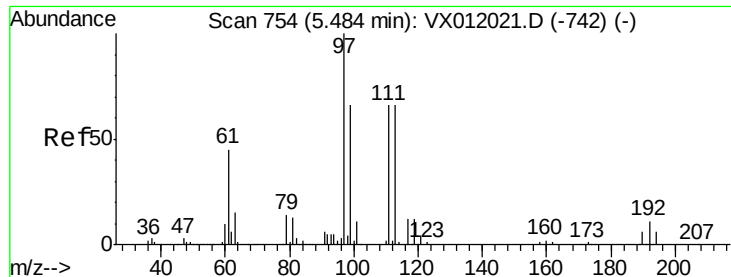
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	37.4	
88	16.4	0.0	29.6	





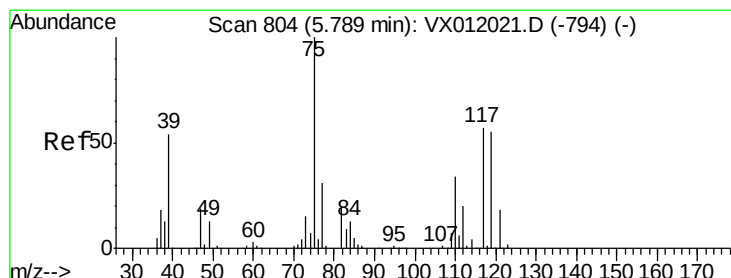
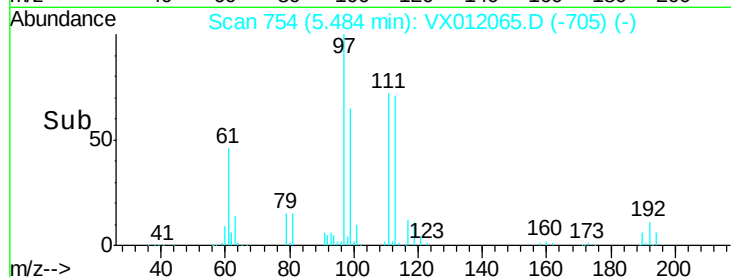
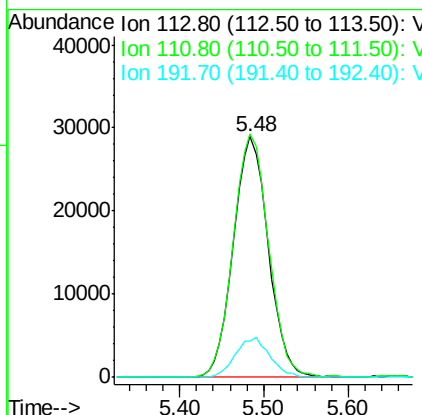
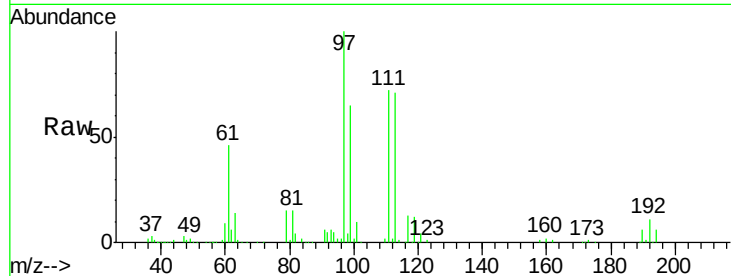
#35
Dibromofluoromethane
Concen: 55.522 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	81413		
111	102.1	81.7	122.5	
192	16.4	22.5	33.7	

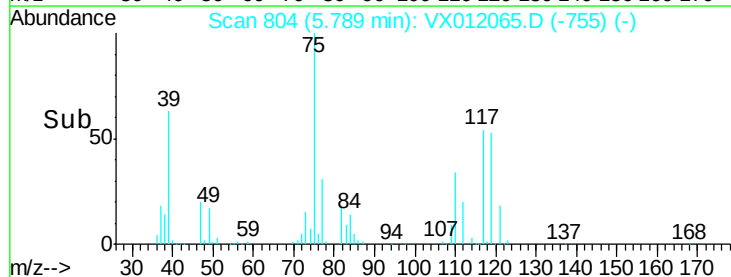
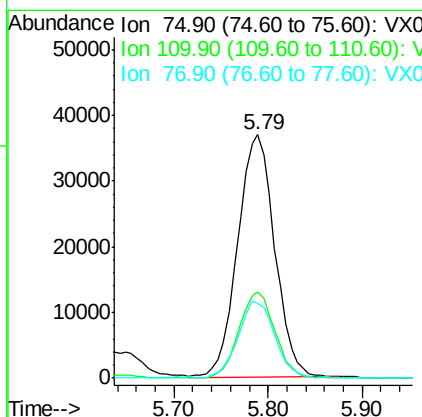
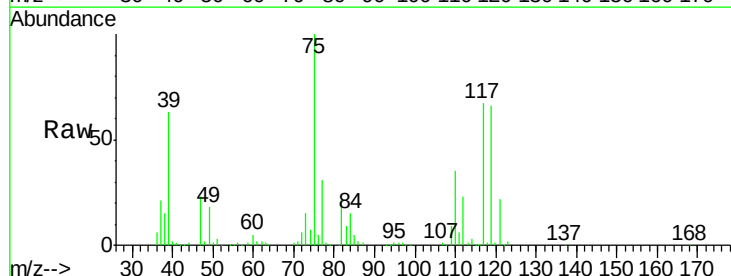
Manual Integrations
APPROVED

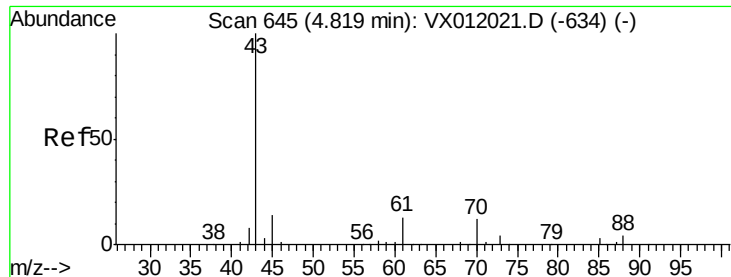
sam
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#36
1,1-Dichloropropene
Concen: 48.376 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101591		
110	34.6	19.5	58.5	
77	31.7	24.6	37.0	





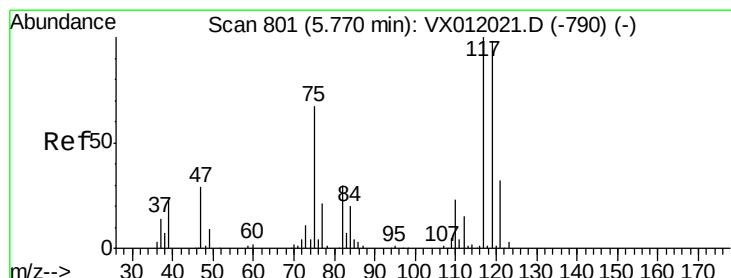
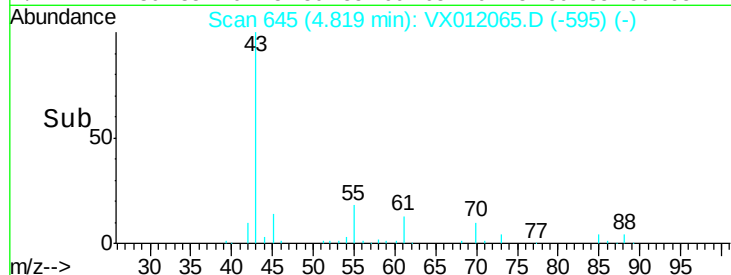
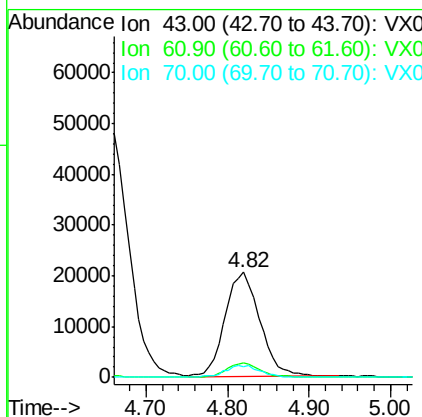
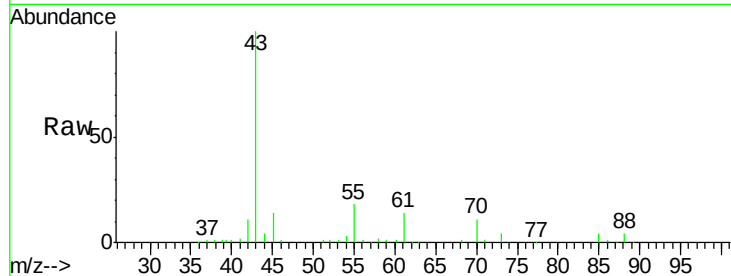
#37
Ethyl Acetate
Concen: 52.998 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	60522
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	12.0	9.4	14.0

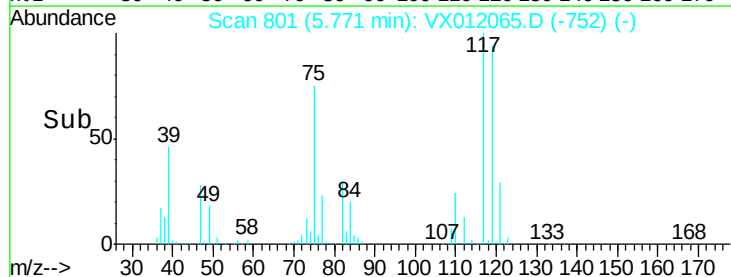
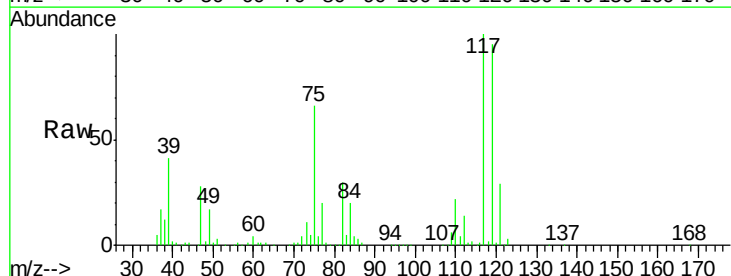
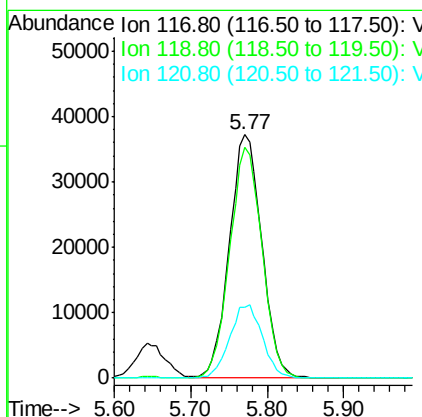
Manual Integrations
APPROVED

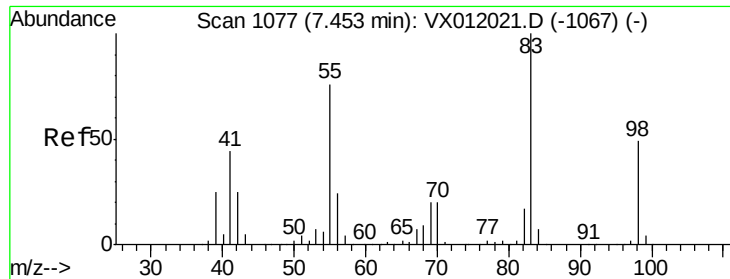
sam
9/5/2019 2:55:56 PM



#38
Carbon Tetrachloride
Concen: 49.396 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion:	117	Resp:	109307
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.3	117.5
121	29.2	24.2	36.2





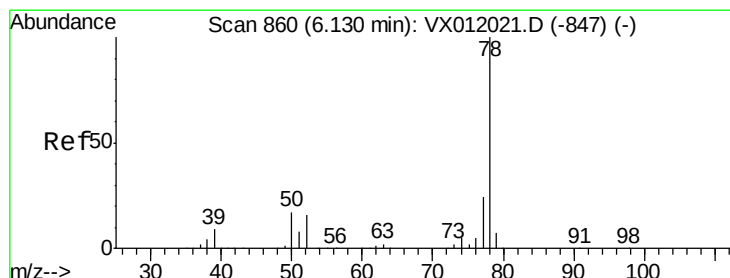
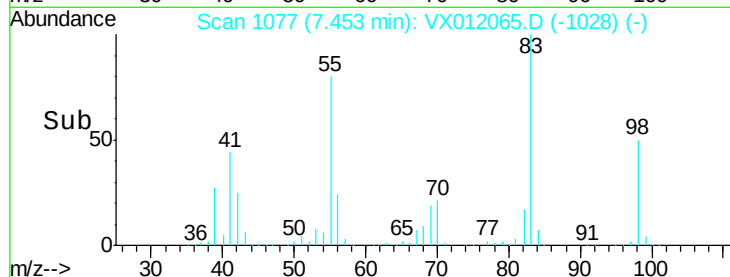
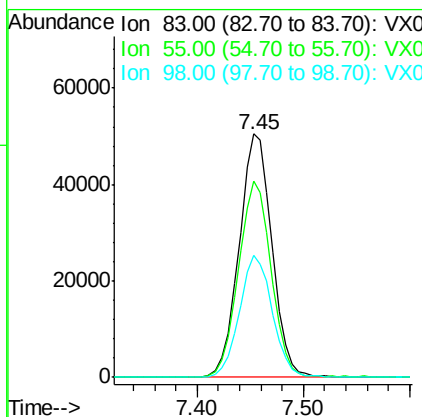
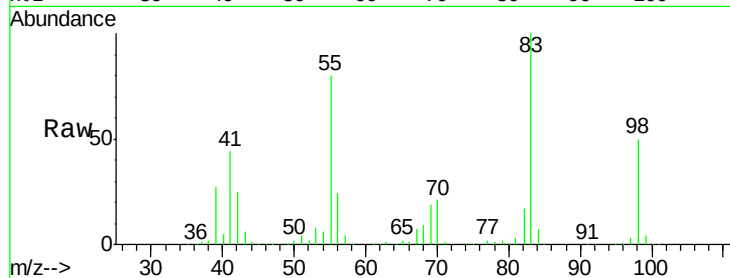
#39
Methylvlcyclohexane
Concen: 44.889 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	59.6	89.4
98	50.0	41.4	62.0

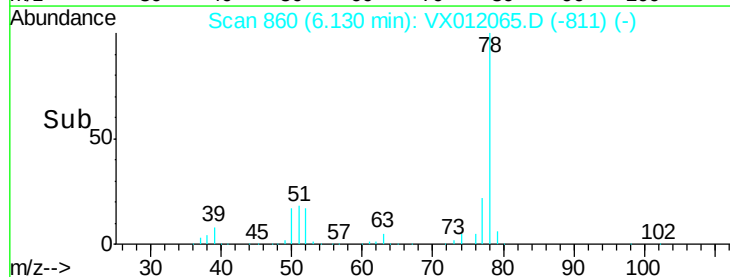
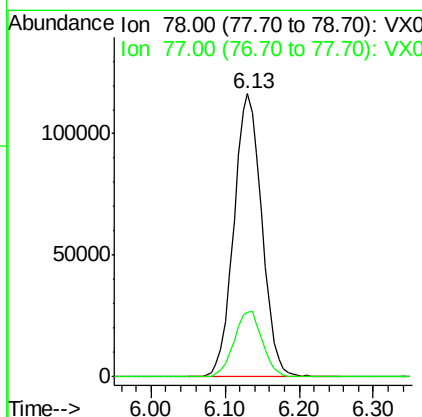
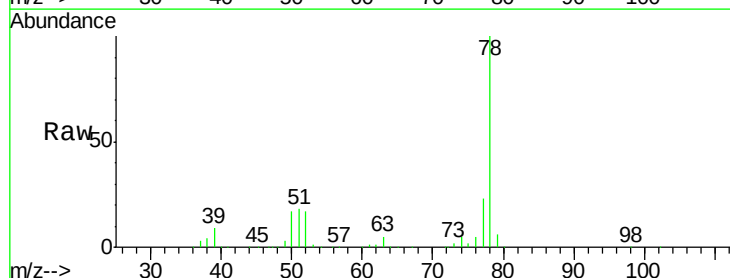
Manual Integrations
APPROVED

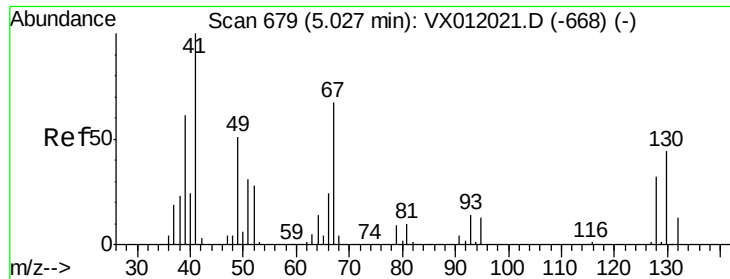
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#40
Benzene
Concen: 50.870 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.3	28.9





#41

Methacrylonitrile

Concen: 54.814 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 37329

Ion Ratio Lower Upper

41 100

39 57.6 46.7 70.1

67 69.9 57.0 85.6

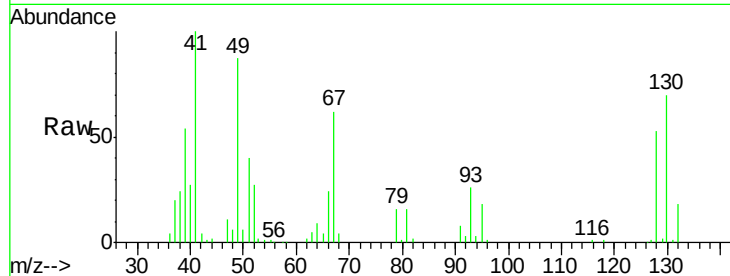
52 31.4 23.5 35.3

Manual Integrations

APPROVED

sam

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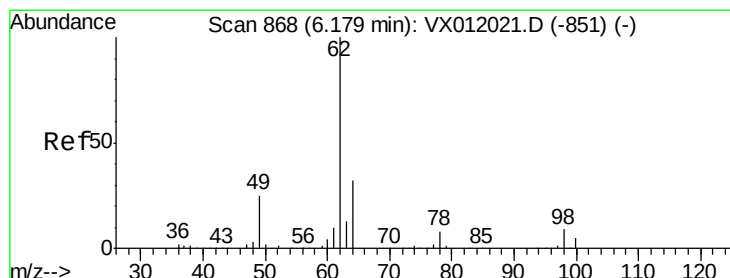
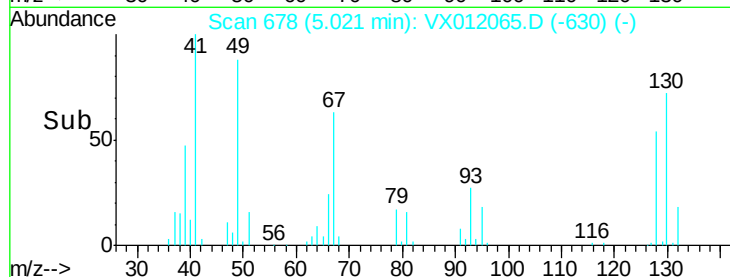
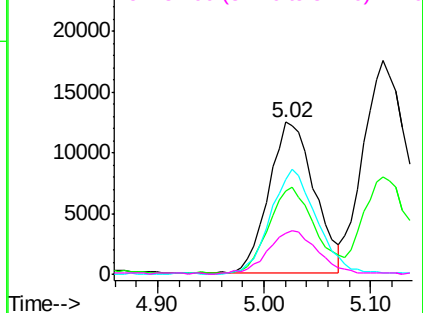


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.247 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012065.D

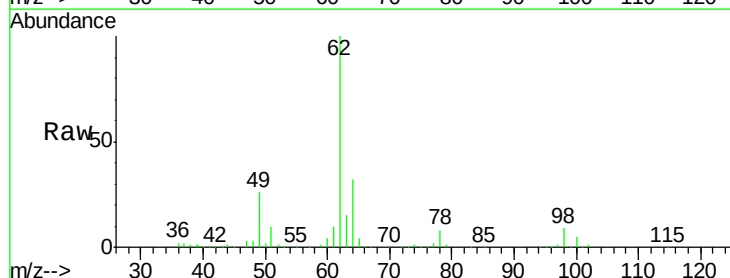
Acq: 04 Sep 2019 21:22

Tgt Ion: 62 Resp: 115521

Ion Ratio Lower Upper

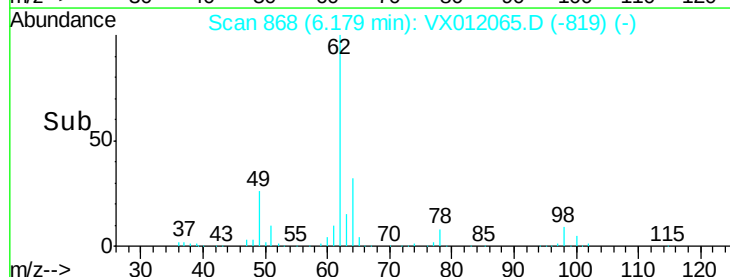
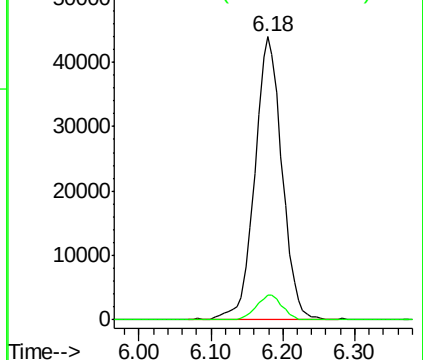
62 100

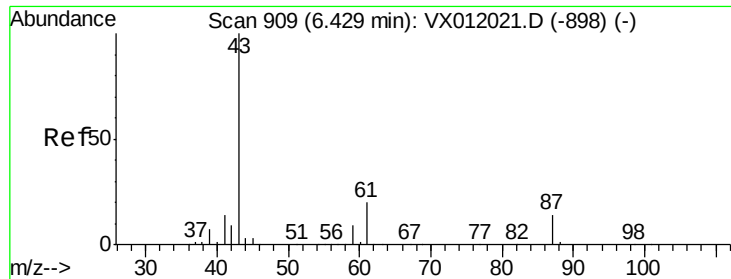
98 8.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.697 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

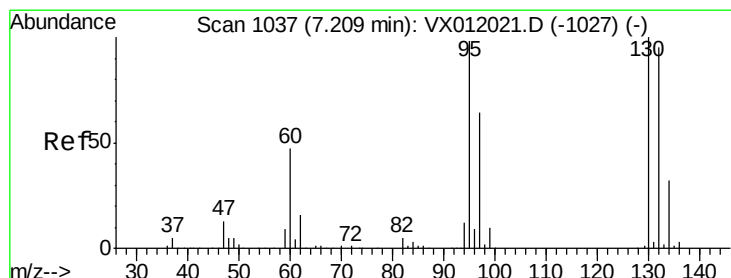
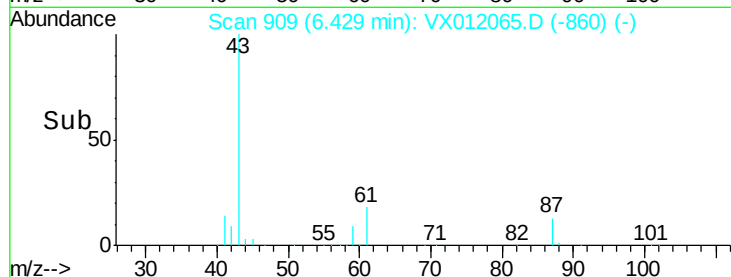
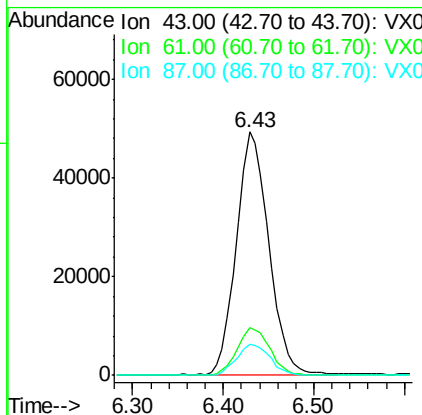
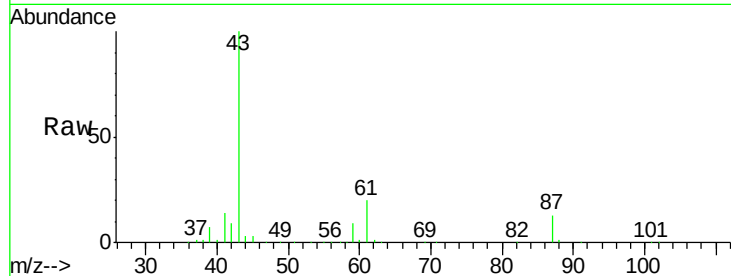
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	122363
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.3	11.3	16.9

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sam
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#44

Trichloroethene

Concen: 49.843 ug/l

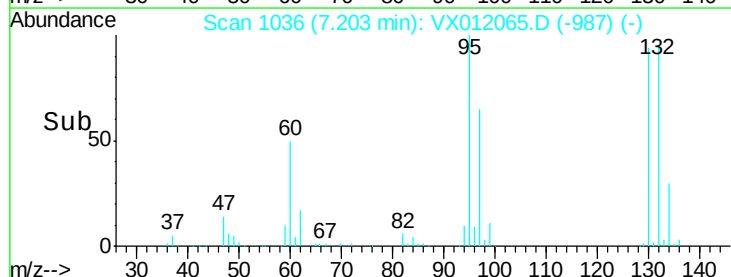
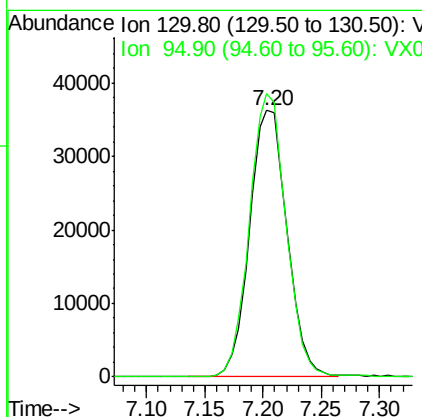
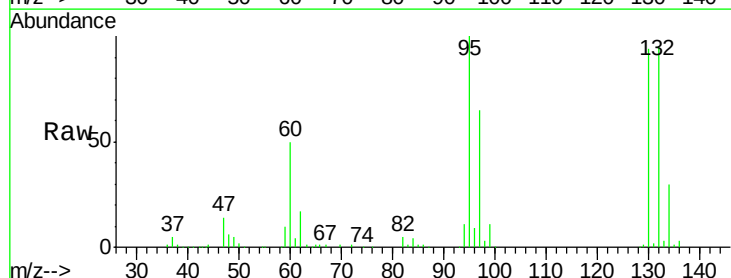
RT: 7.20 min Scan# 1036

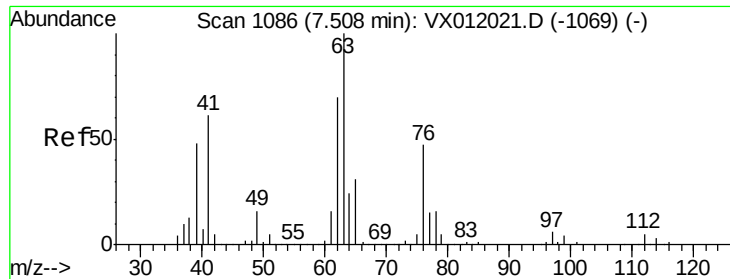
Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Tgt Ion:	130	Resp:	81049
Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	176.4





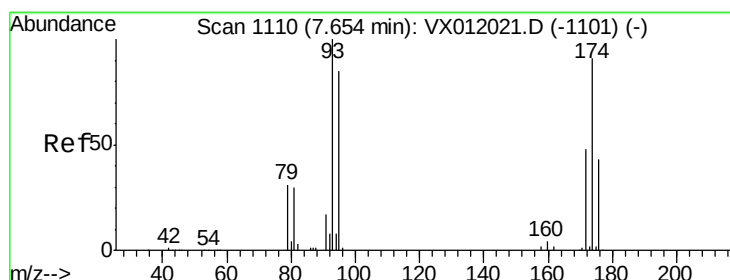
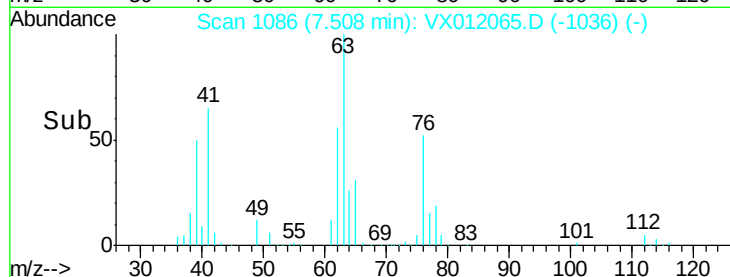
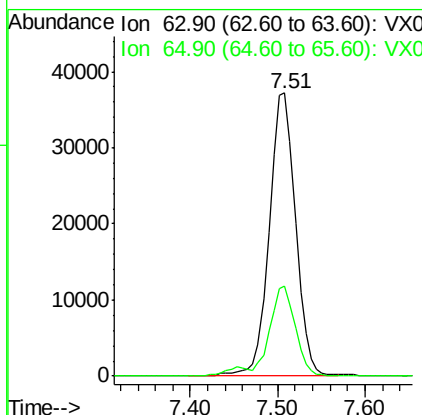
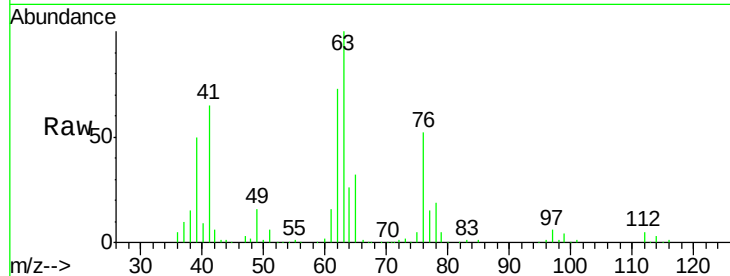
#45
 1,2-Dichloropropane
 Concen: 50.092 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 78024
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6

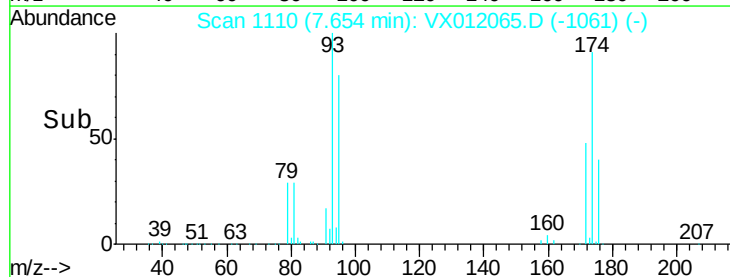
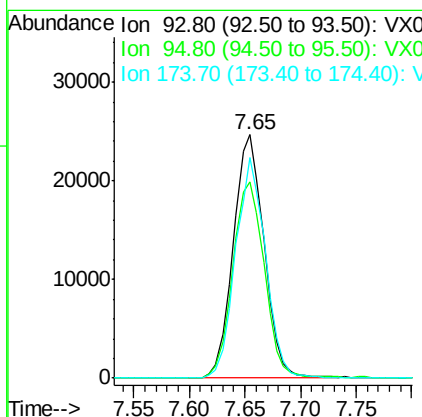
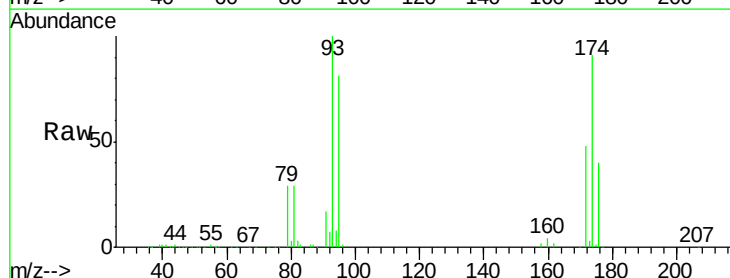
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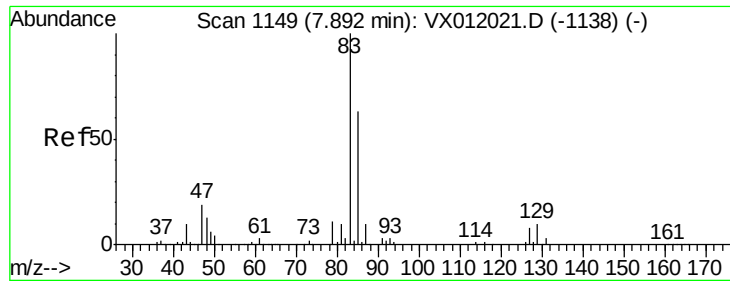
sam
 9/5/2019 2:55:56 PM



#46
 Dibromomethane
 Concen: 52.073 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion: 93 Resp: 47349
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.2
 174 88.2 110.2 165.4#





#47

Bromodichloromethane

Concen: 51.009 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

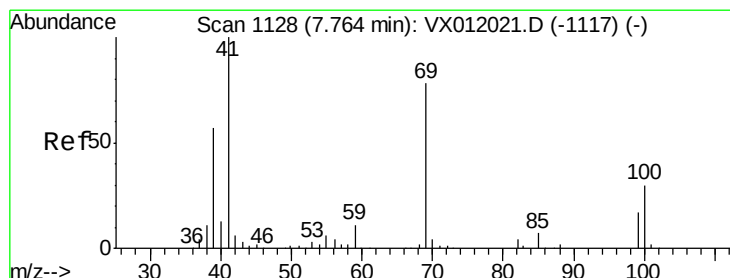
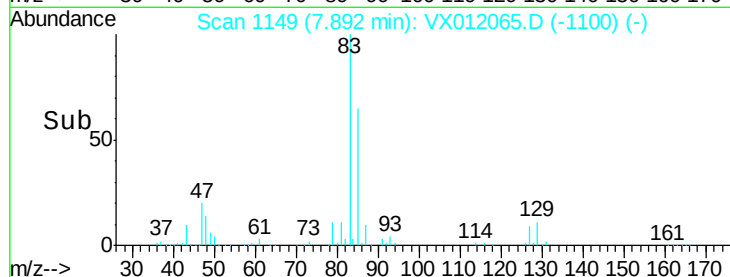
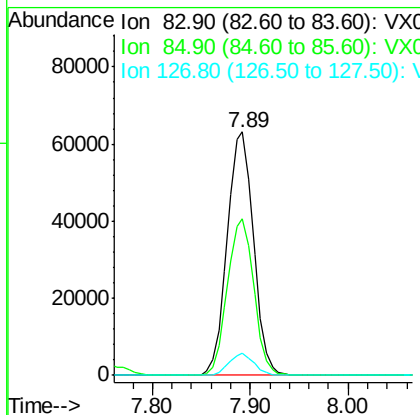
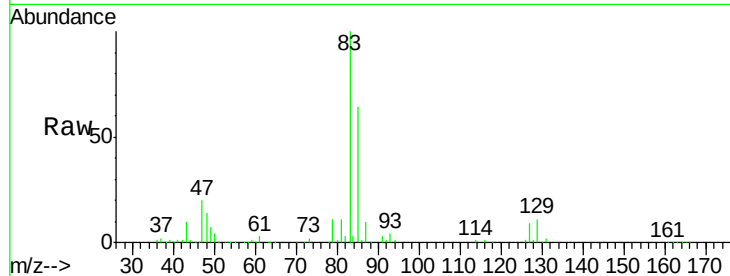
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	117894
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.3	75.5
127	8.9	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.274 ug/l

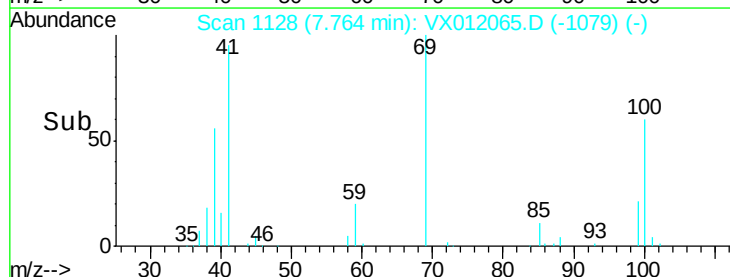
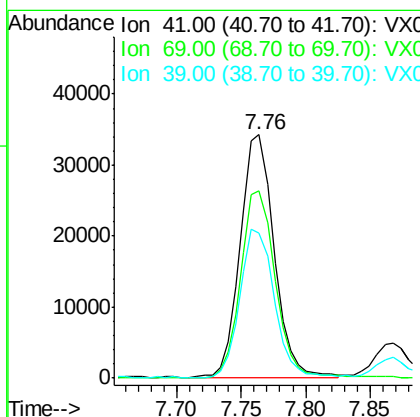
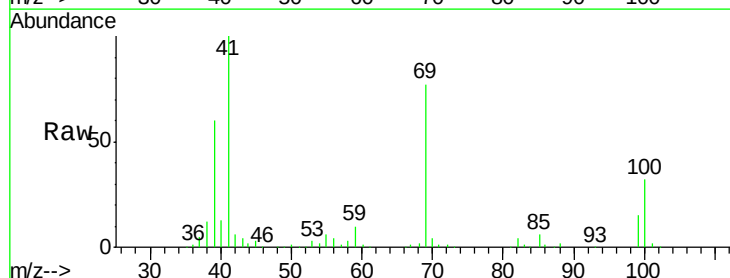
RT: 7.76 min Scan# 1128

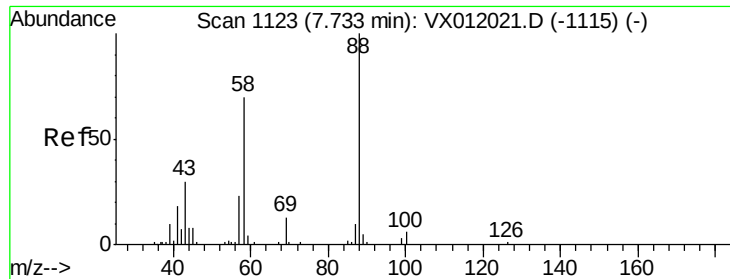
Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Tgt Ion:	41	Resp:	62199
Ion	Ratio	Lower	Upper
41	100		
69	78.9	66.3	99.5
39	61.7	48.1	72.1





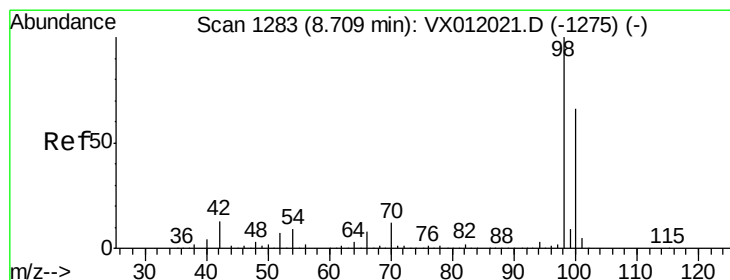
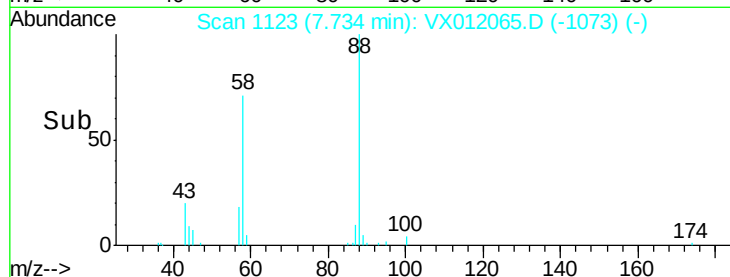
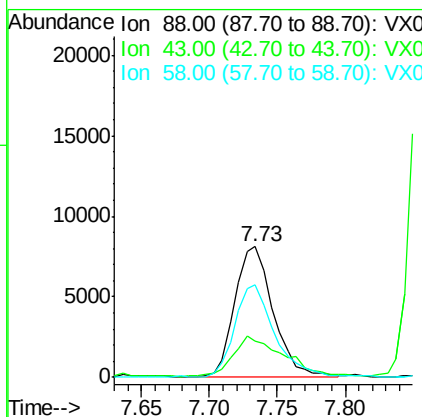
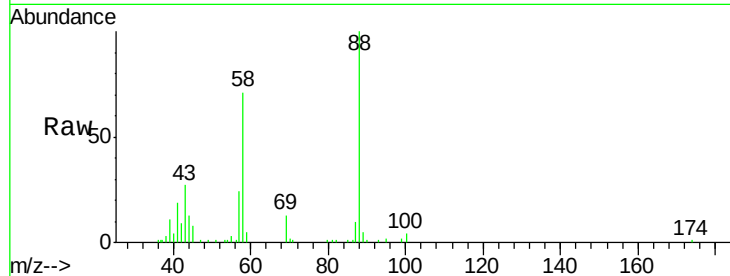
#49
1,4-Dioxane
Concen: 1010.061 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.0	29.8	44.6
58	73.4	55.4	83.2

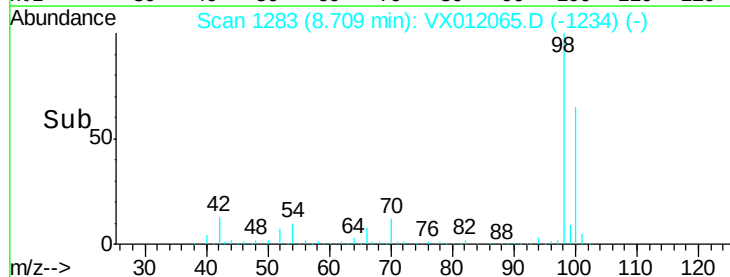
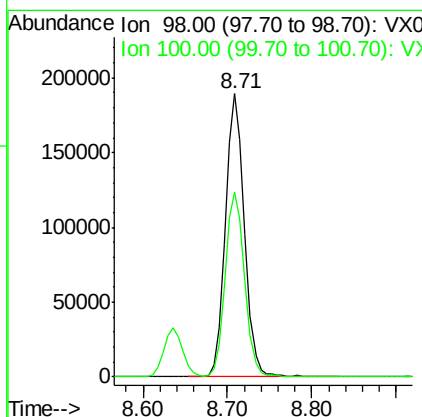
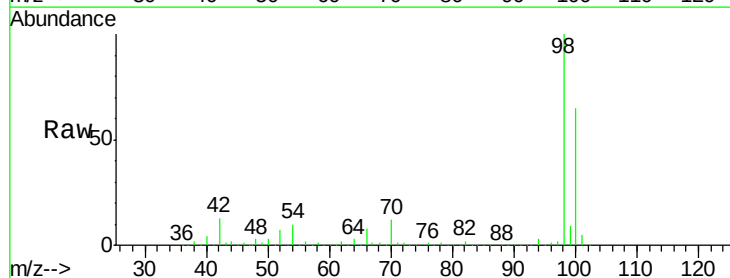
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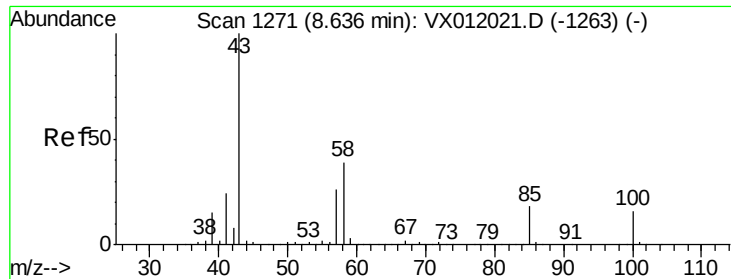
Sam
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#50
Toluene-d8
Concen: 54.659 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 264.352 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 312216

Ion Ratio Lower Upper

43 100

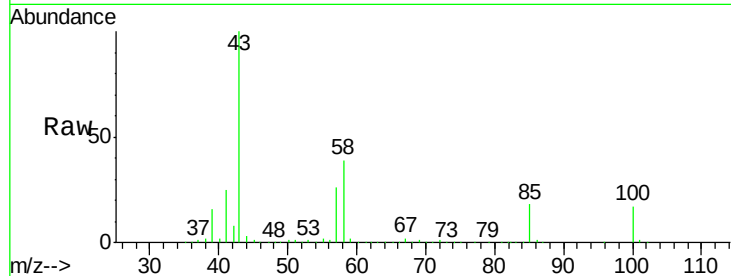
58 38.2 31.5 47.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

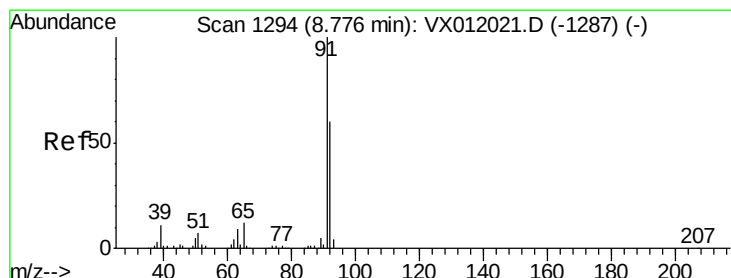
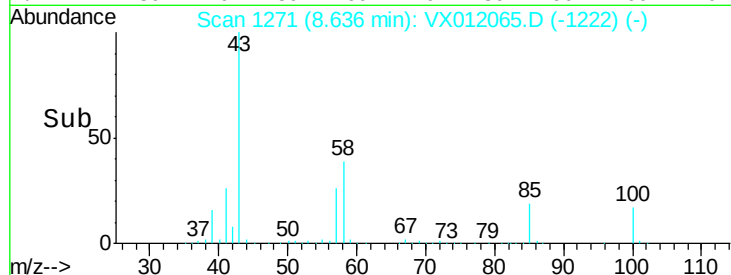
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 49.930 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012065.D

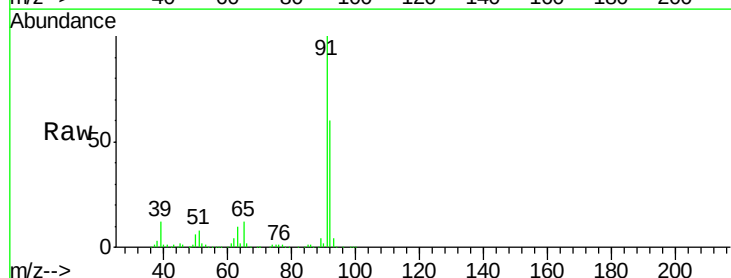
Acq: 04 Sep 2019 21:22

Tgt Ion: 92 Resp: 195856

Ion Ratio Lower Upper

92 100

91 169.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

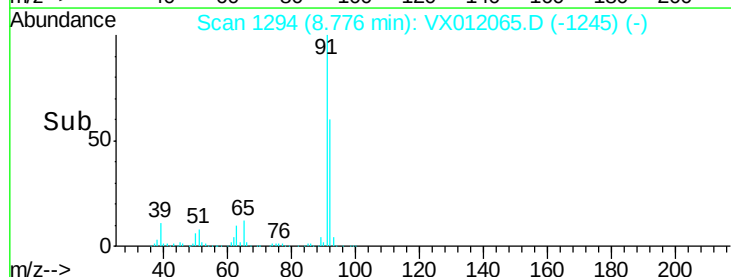
150000

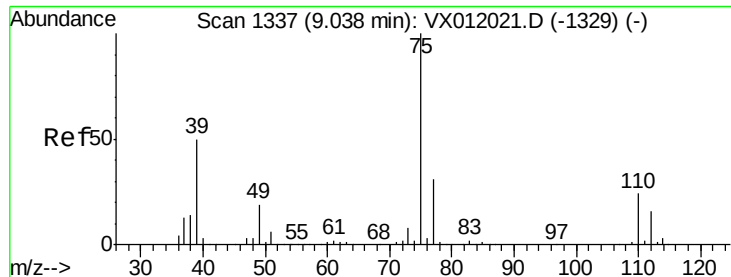
100000

50000

0

Time--> 8.70 8.80 8.90





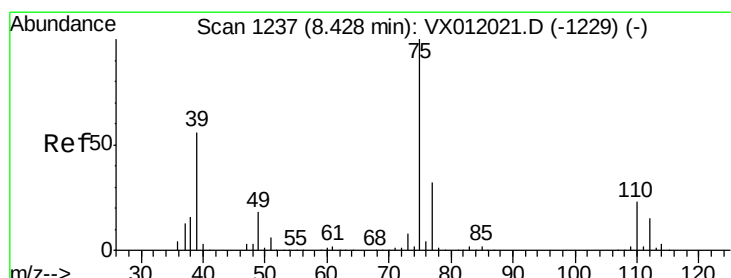
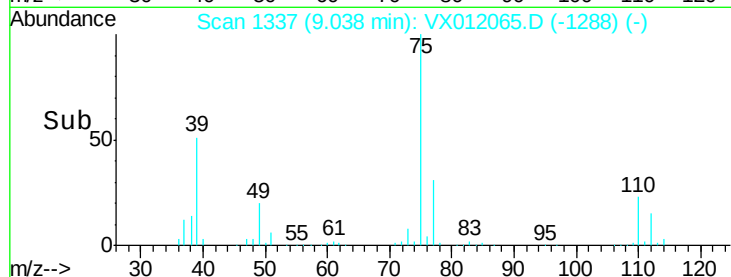
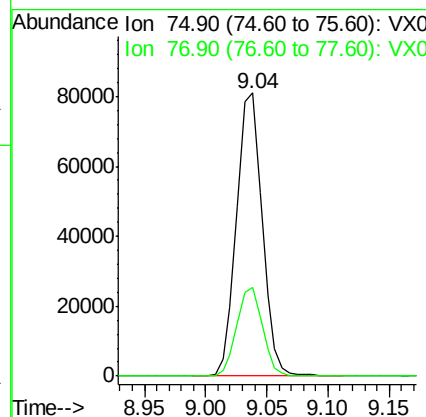
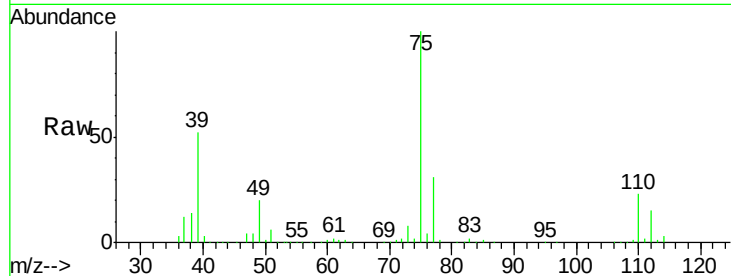
#53
t-1,3-Dichloropropene
Concen: 49.284 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 117928
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7

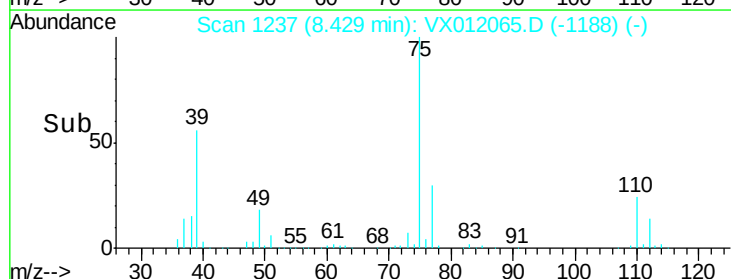
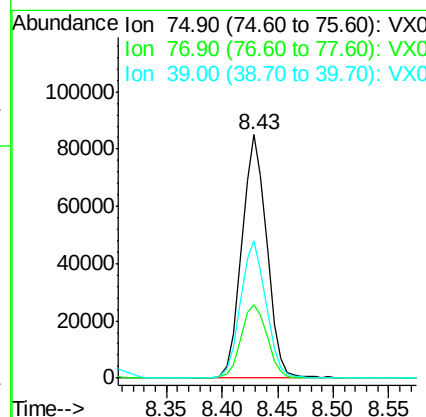
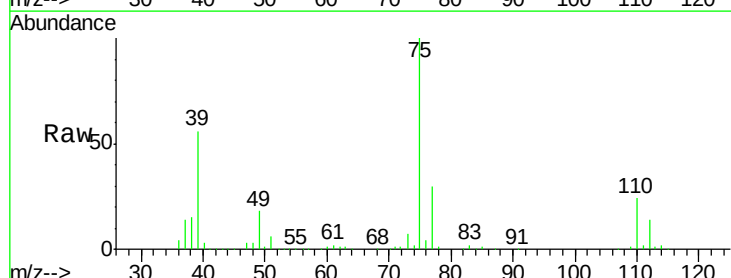
Manual Integrations
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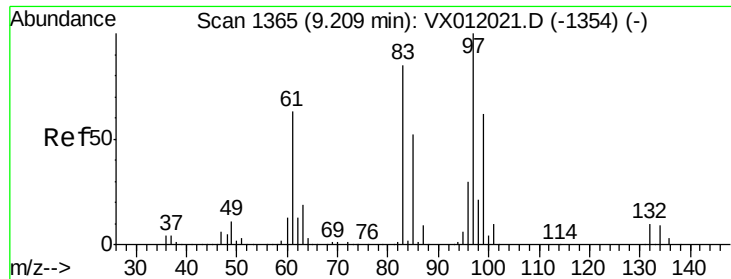
sam
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#54
cis-1,3-Dichloropropene
Concen: 49.568 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion: 75 Resp: 131896
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 56.3 43.0 64.4





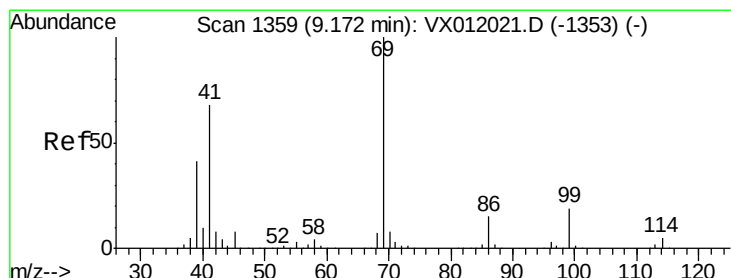
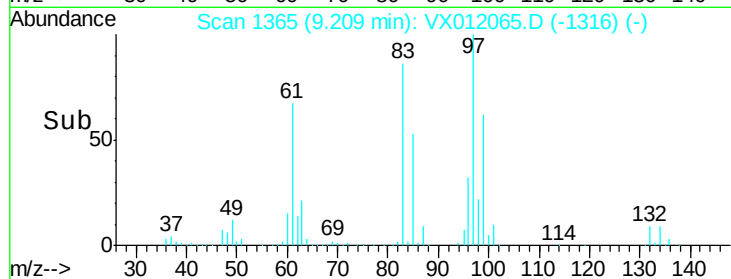
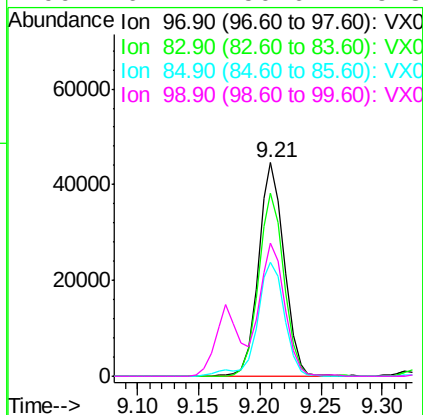
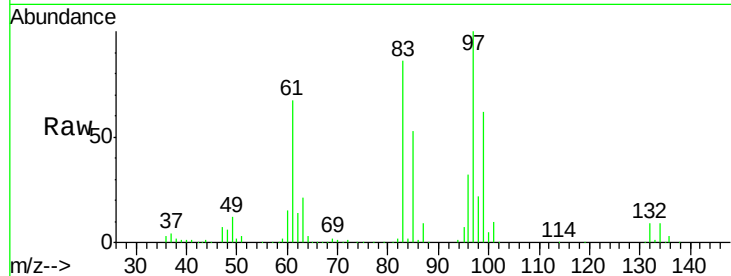
#55
 1,1,2-Trichloroethane
 Concen: 50.413 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	65535
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.0	99.0
85	53.4	41.0	61.6
99	62.2	50.6	75.8

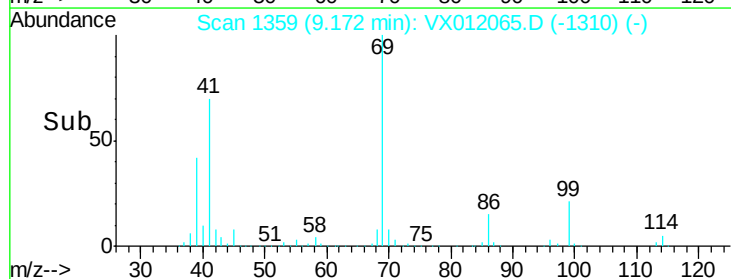
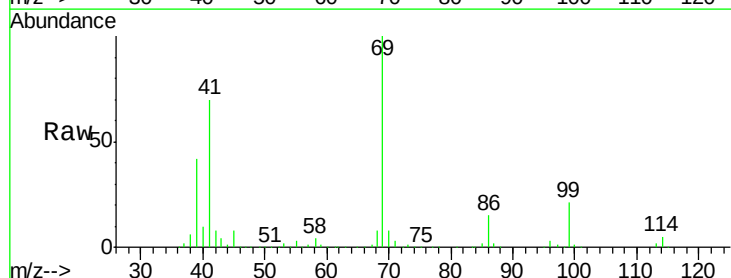
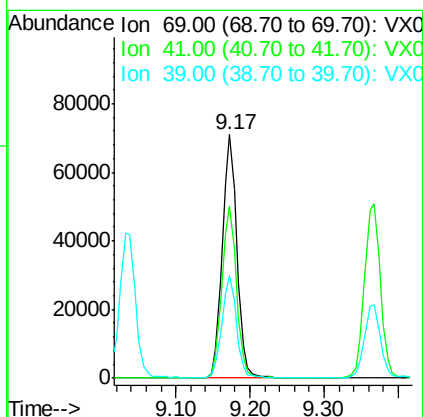
Manual Integrations
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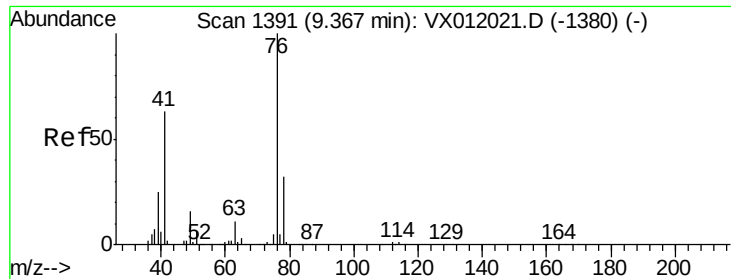
sam
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#56
 Ethyl methacrylate
 Concen: 52.359 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion:	69	Resp:	97495
Ion	Ratio	Lower	Upper
69	100		
41	69.9	53.9	80.9
39	41.0	31.1	46.7





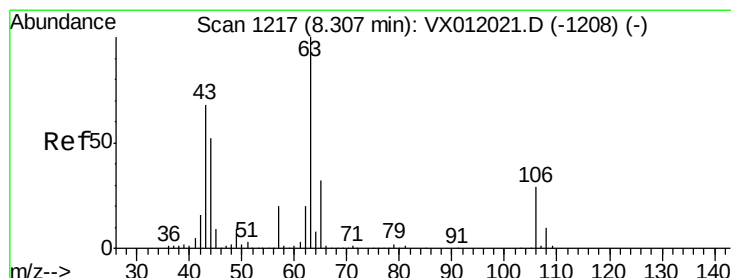
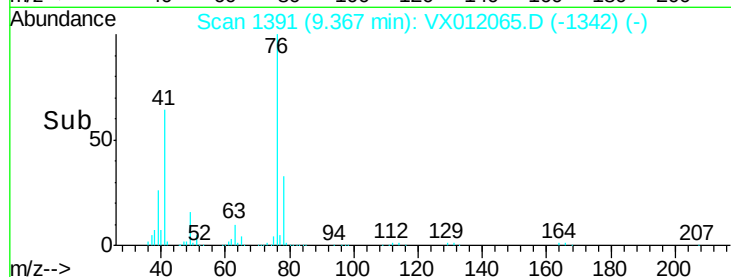
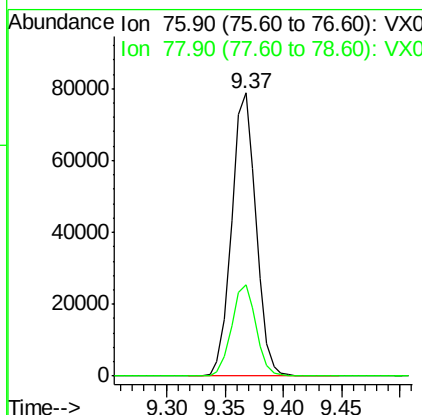
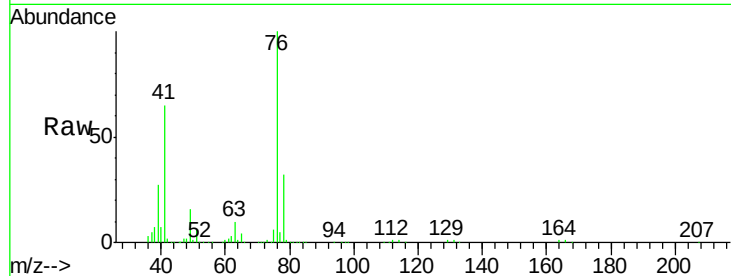
#57
 1,3-Dichloropropane
 Concen: 51.262 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

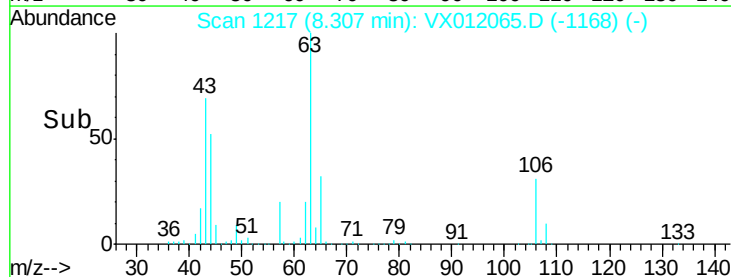
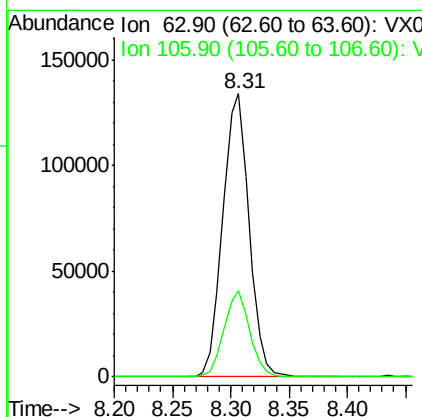
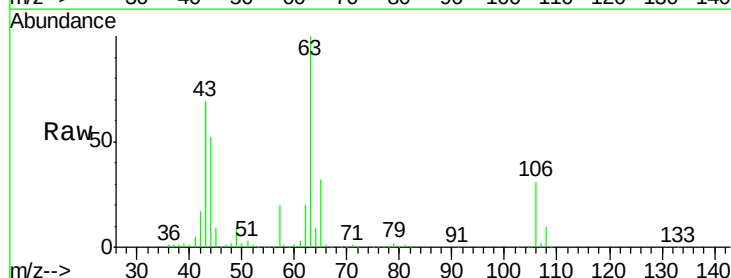
Manual Integrations
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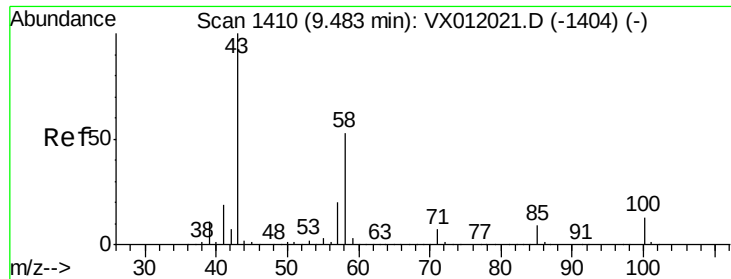
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.984 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	26.5	39.7





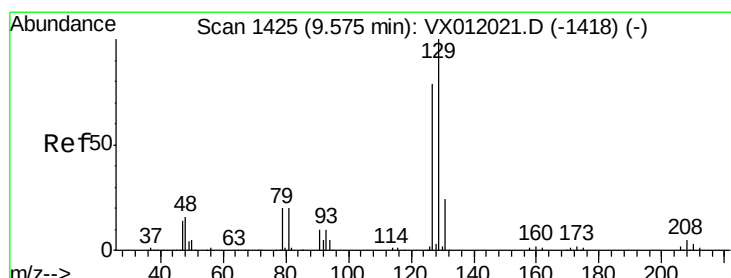
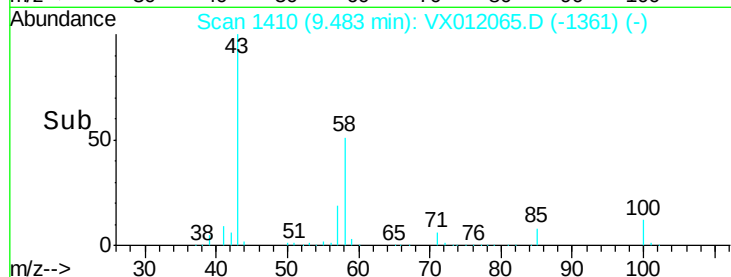
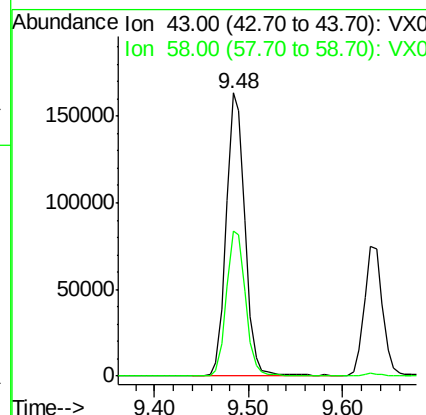
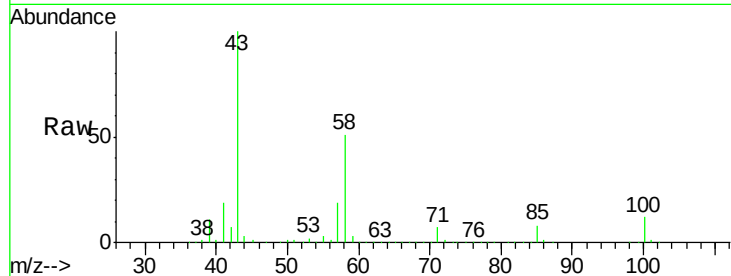
#59
2-Hexanone
Concen: 260.091 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 224145
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.6

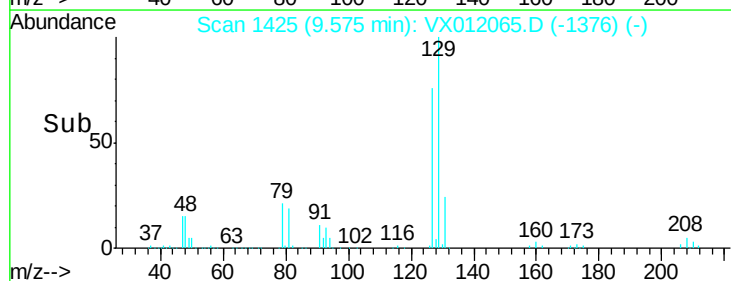
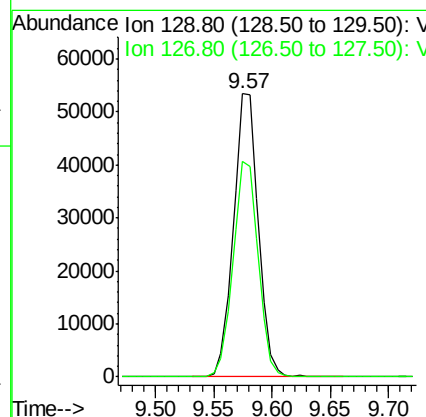
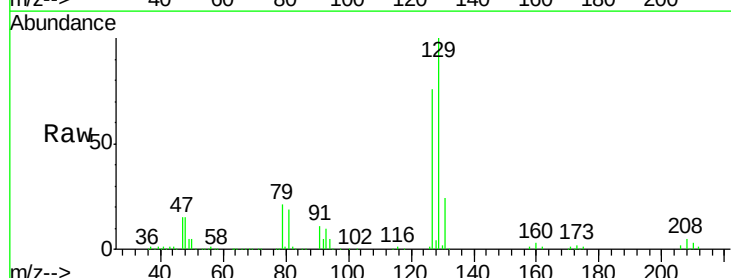
Manual Integrations
APPROVED

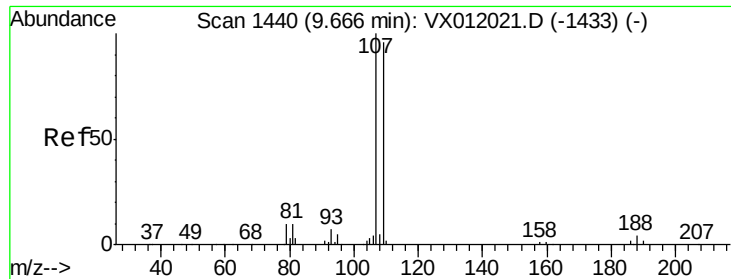
sam
9/5/2019 2:55:56 PM



#60
Dibromochloromethane
Concen: 51.185 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion: 129 Resp: 79301
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.052 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 64128

Ion Ratio Lower Upper

107 100

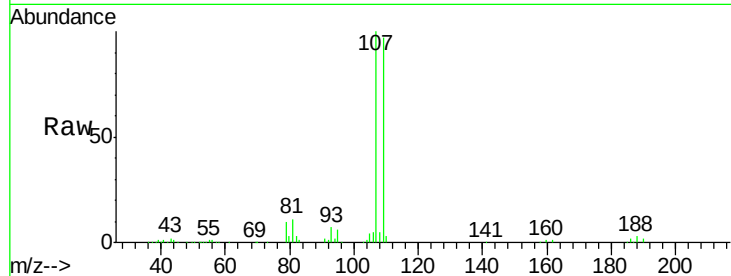
109 95.0 76.9 115.3

Manual Integrations

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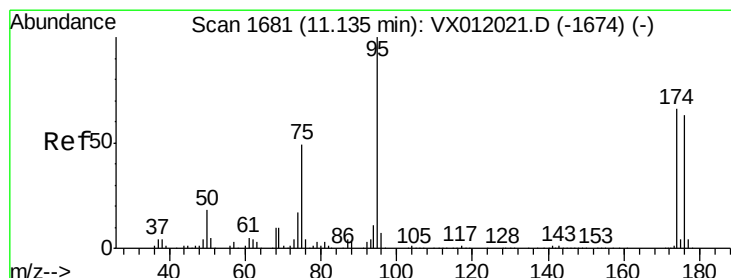
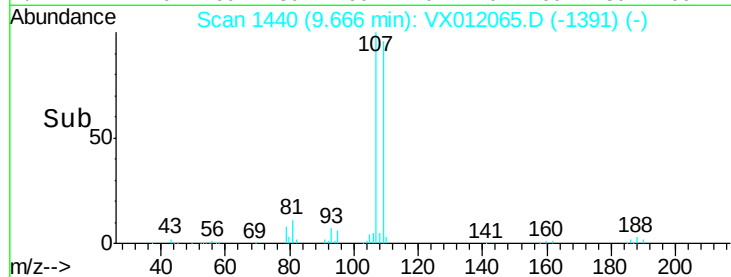
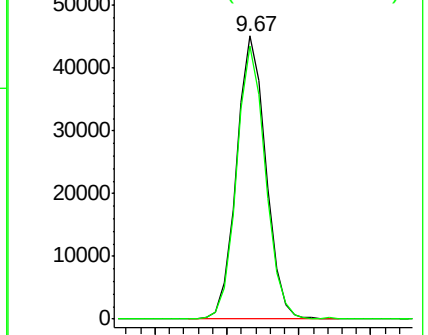
sam

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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: 51.647 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

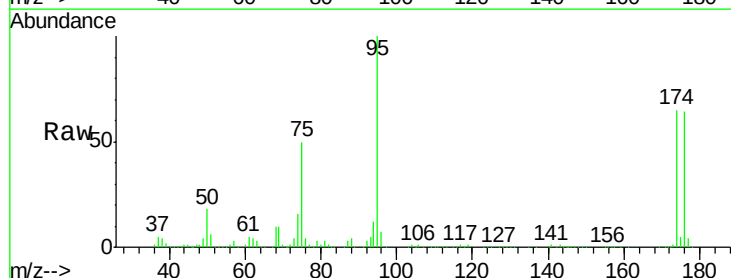
Tgt Ion: 95 Resp: 129238

Ion Ratio Lower Upper

95 100

174 62.3 0.0 205.4

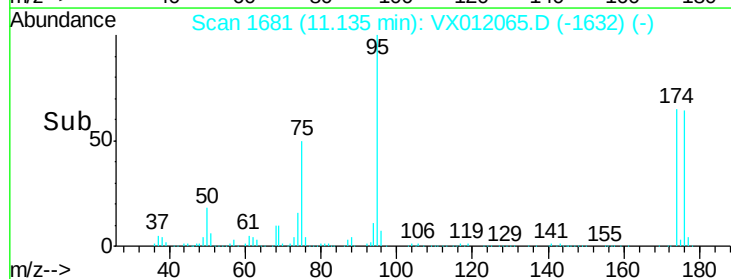
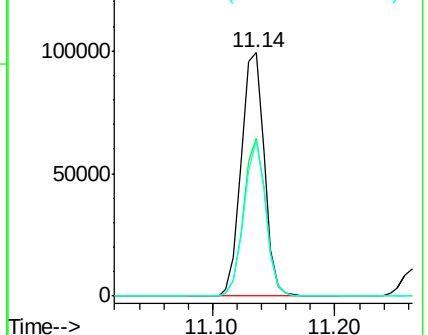
176 60.5 0.0 201.8

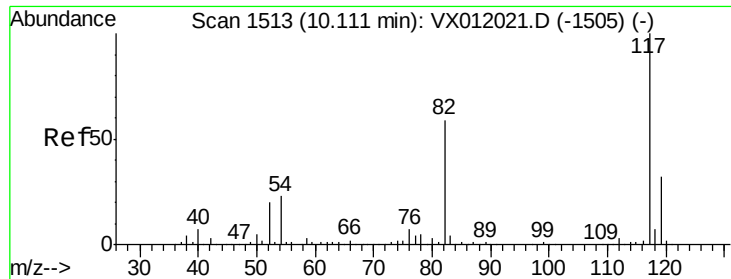


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





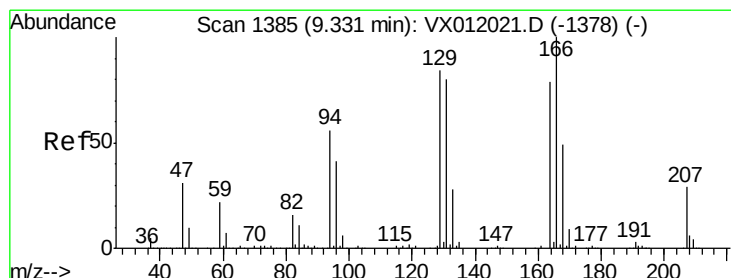
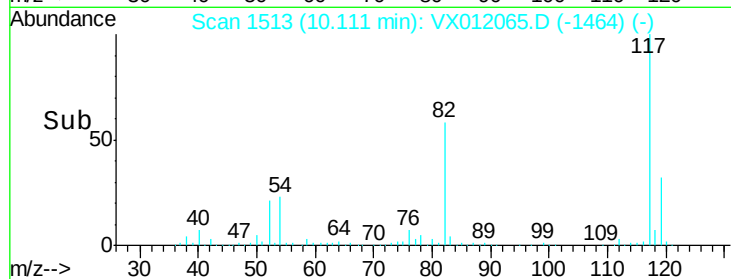
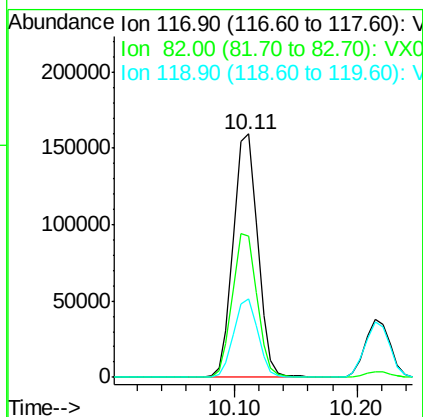
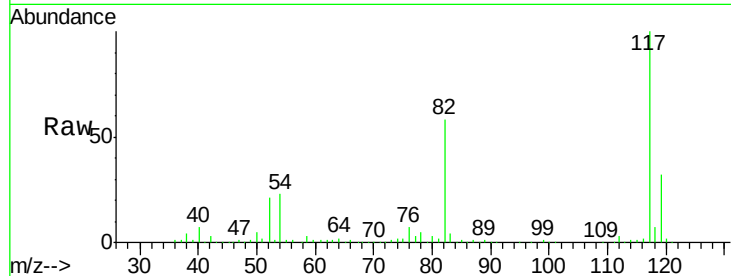
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	39.4	59.0
119	32.2	26.1	39.1

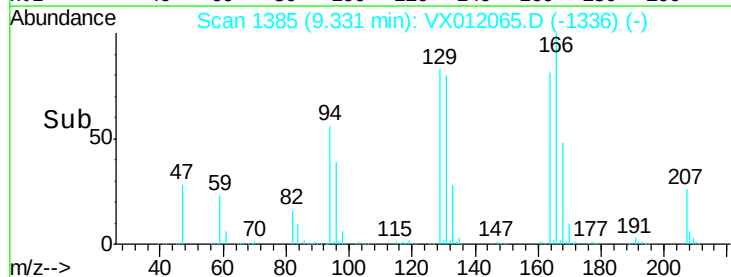
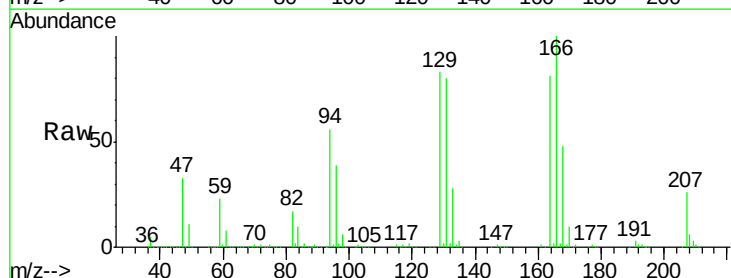
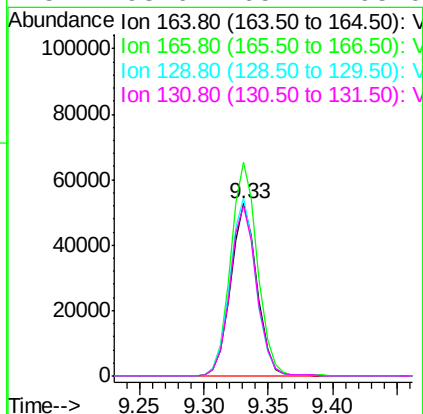
Manual Integrations
APPROVED

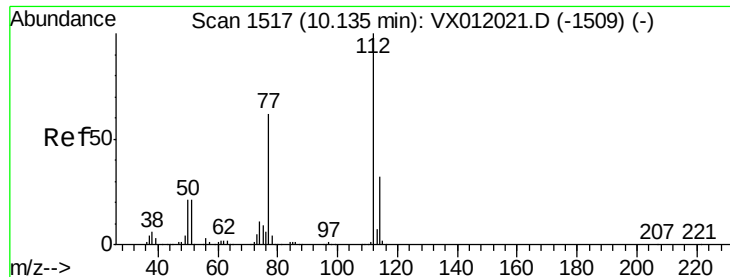
sam
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#64
Tetrachloroethene
Concen: 54.638 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	104.3	156.5
129	103.0	68.3	102.5#
131	98.6	65.4	98.0#





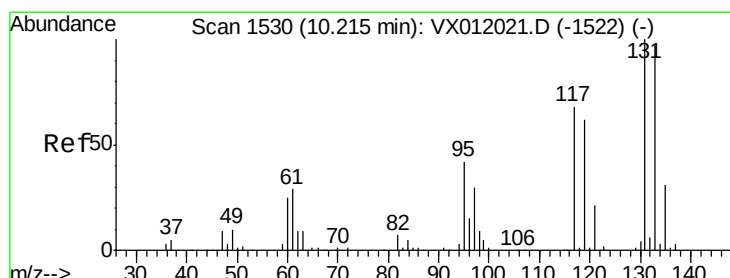
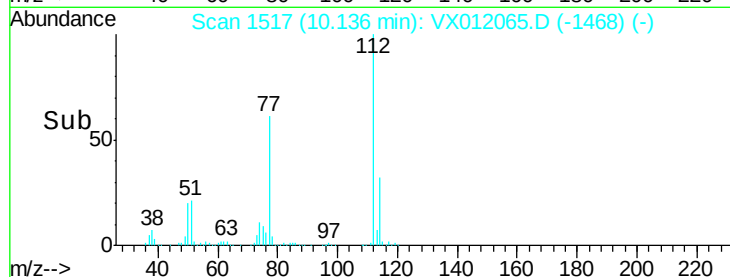
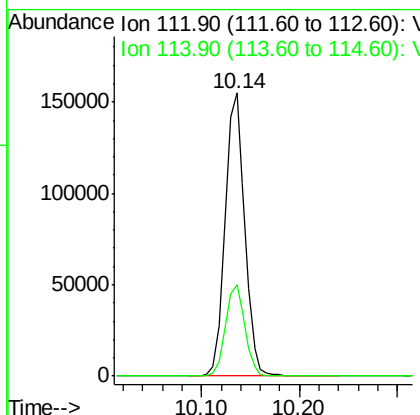
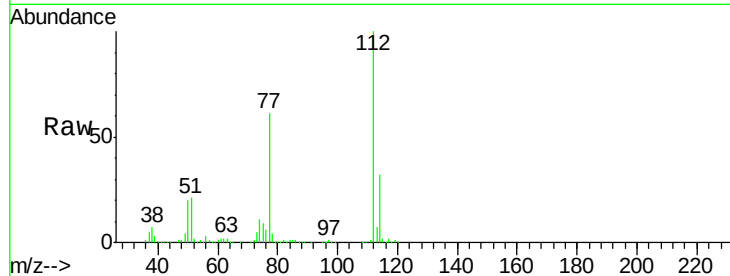
#65
Chlorobenzene
Concen: 49.264 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 214454
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

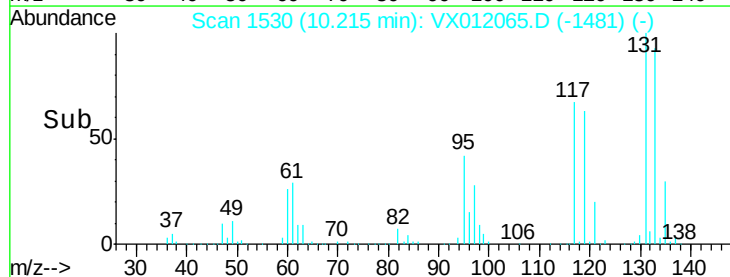
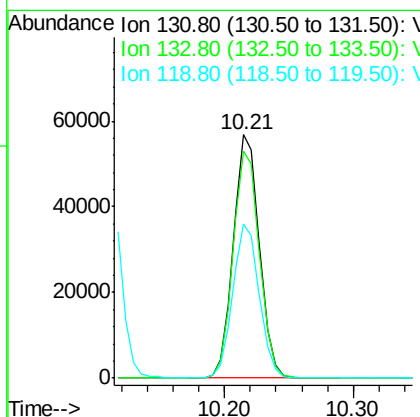
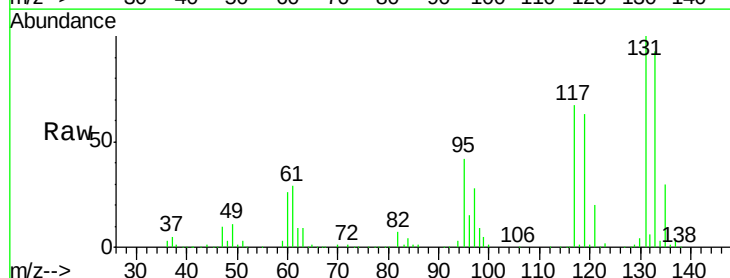
Manual Integrations
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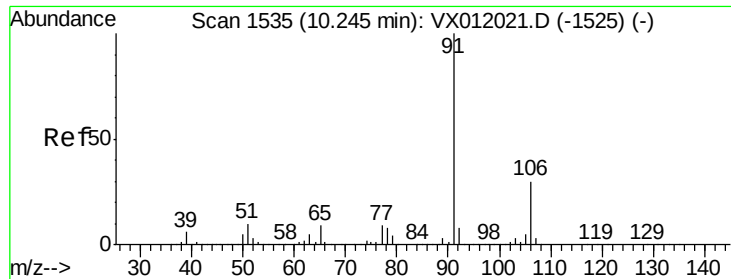
sam
9/5/2019 2:55:56 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.248 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion:131 Resp: 79981
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 64.3 30.5 91.5





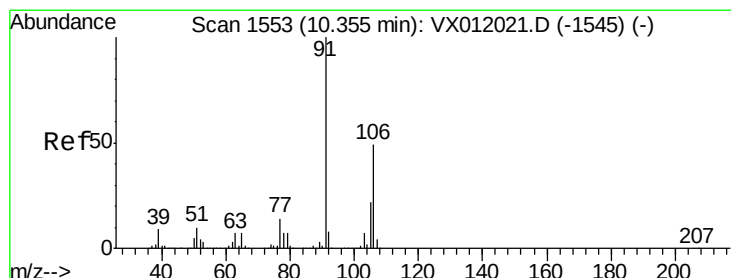
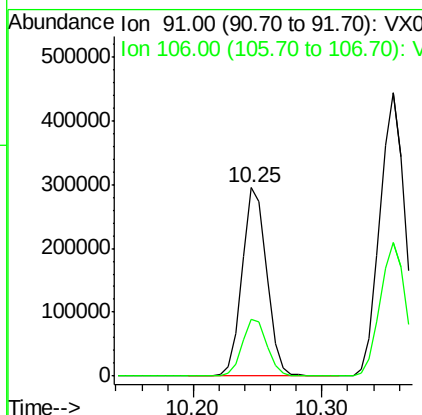
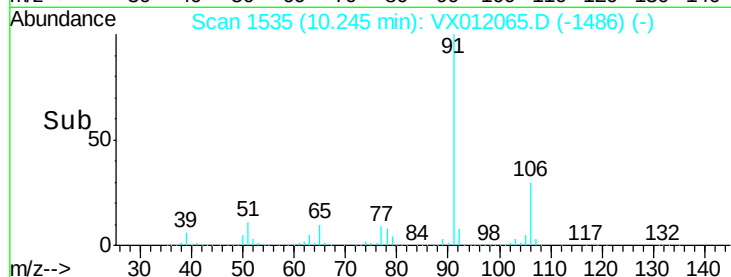
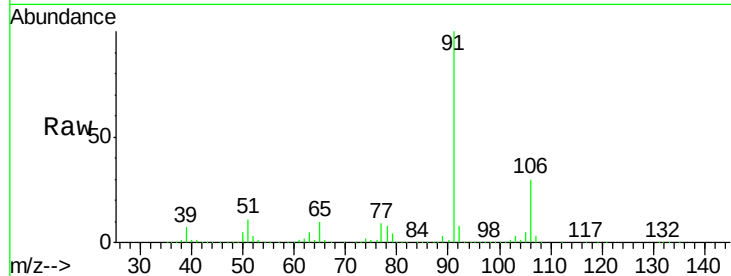
#67
Ethyl Benzene
Concen: 48.938 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 388318
Ion Ratio Lower Upper
91 100
106 30.0 25.8 38.8

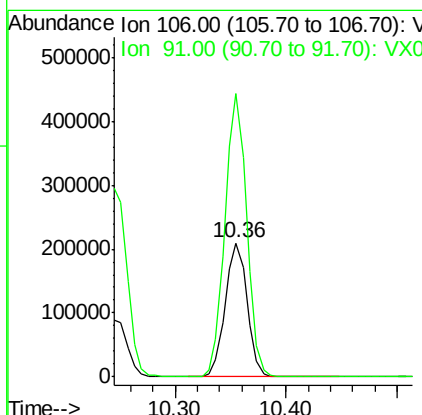
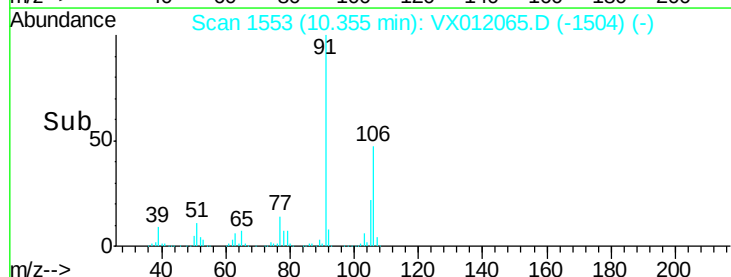
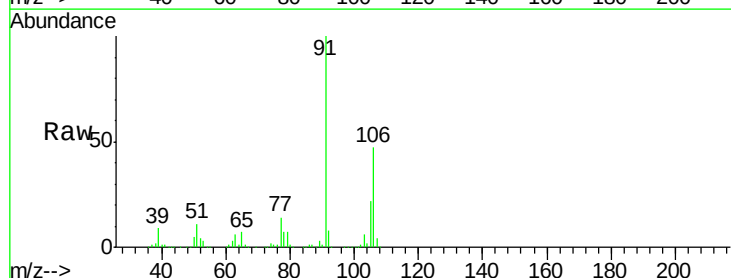
Manual Integrations
APPROVED

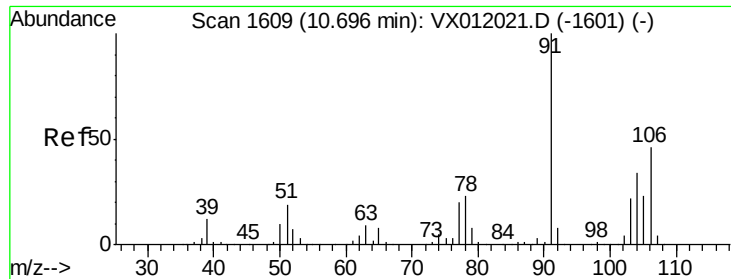
sam
9/5/2019 2:55:56 PM



#68
m/p-Xylenes
Concen: 97.597 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion: 106 Resp: 285330
Ion Ratio Lower Upper
106 100
91 209.6 157.5 236.3





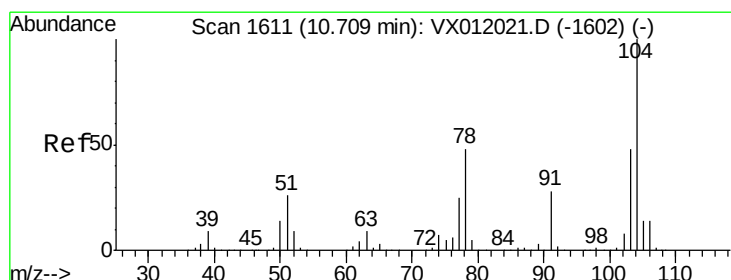
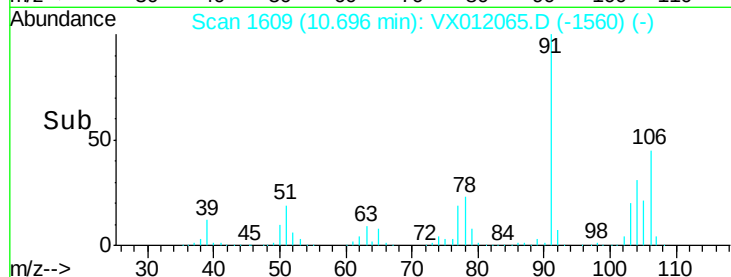
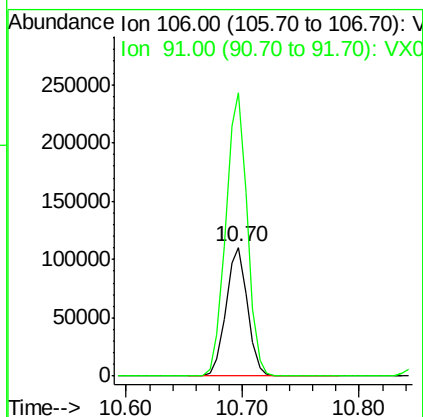
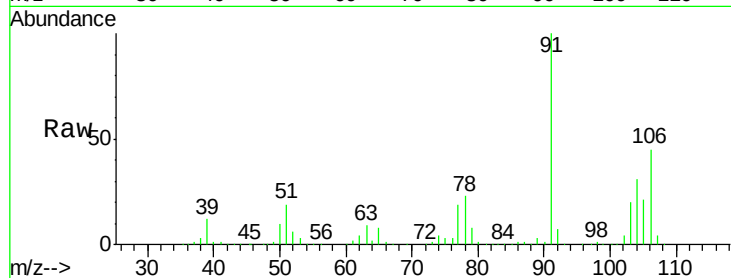
#69
o-Xylene
Concen: 49.308 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.4	103.5	310.3

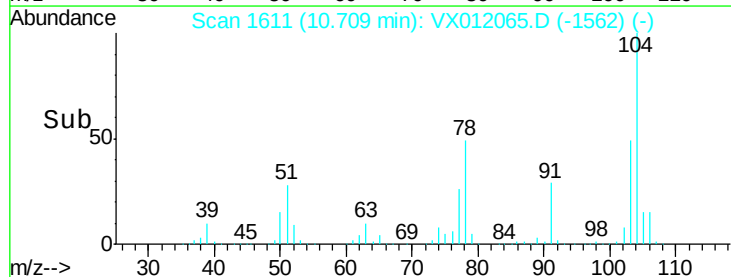
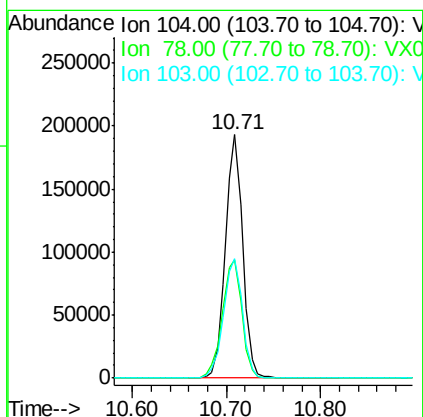
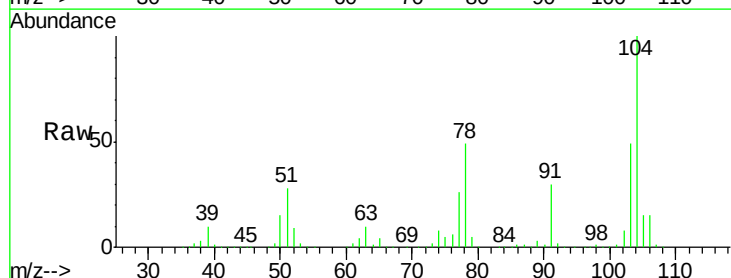
Manual Integrations
APPROVED

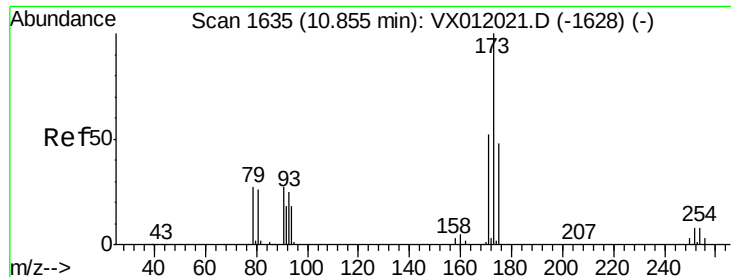
sam
9/5/2019 2:55:56 PM



#70
Styrene
Concen: 49.835 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.5	39.1	58.7
103	54.0	43.4	65.2





#71

Bromoform

Concen: 50.601 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 44238

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.7

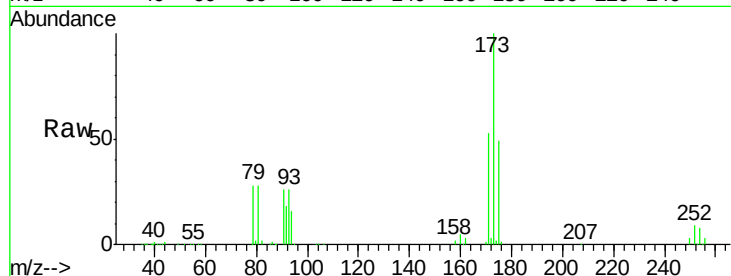
254 0.1 0.1 0.1

Manual Integrations

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sam

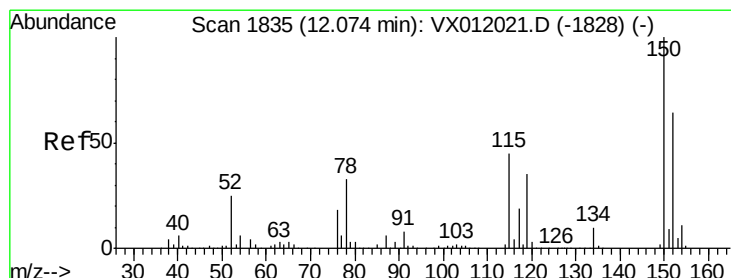
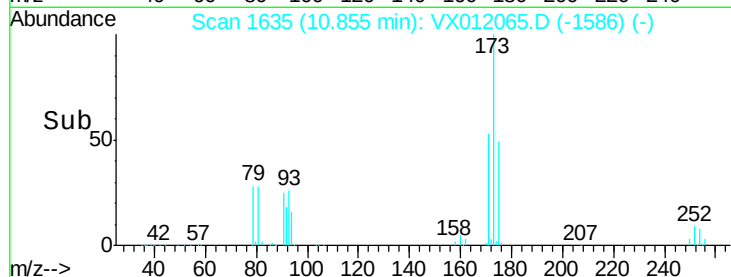
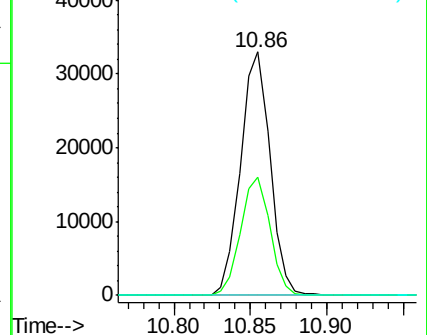
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

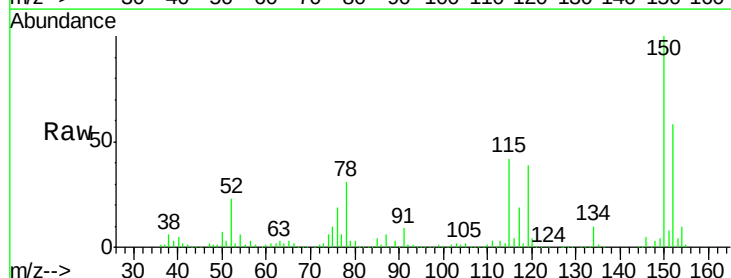
Tgt Ion:152 Resp: 103980

Ion Ratio Lower Upper

152 100

115 92.8 36.4 109.3

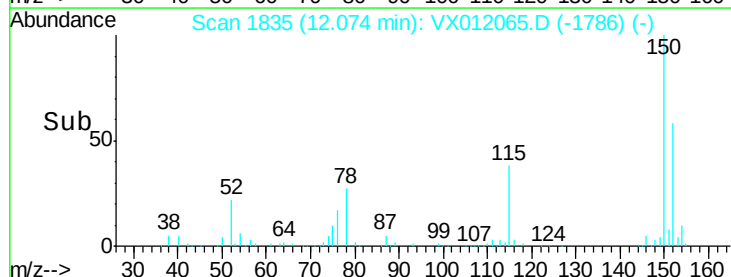
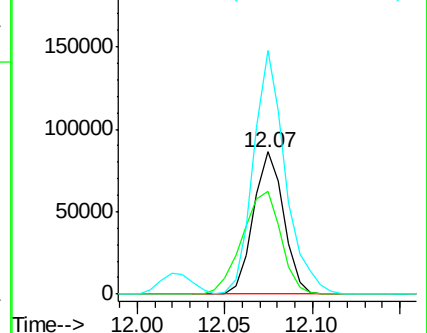
150 180.6 0.0 341.2

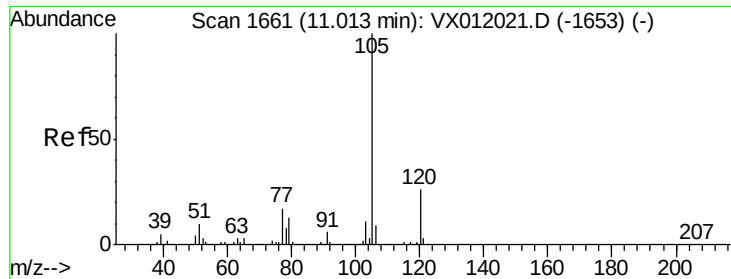


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.198 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 375342

Ion Ratio Lower Upper

105 100

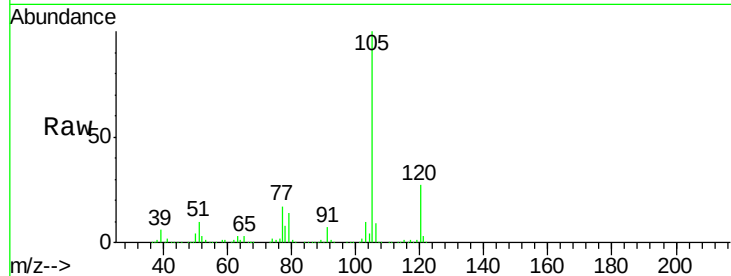
120 26.2 13.9 41.6

Manual Integrations

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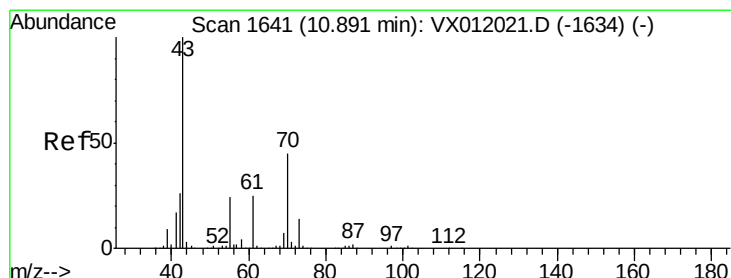
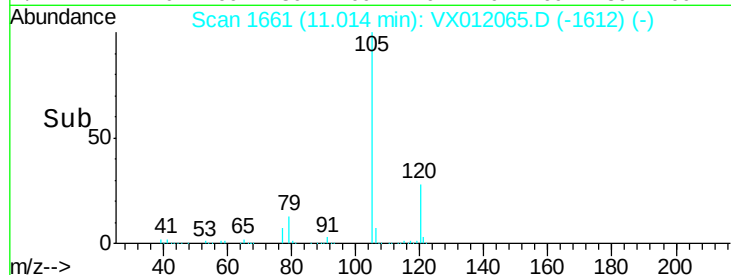
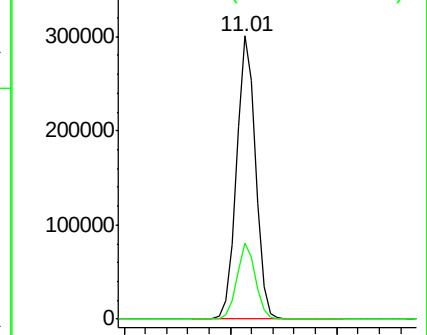
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.291 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Tgt Ion: 43 Resp: 113442

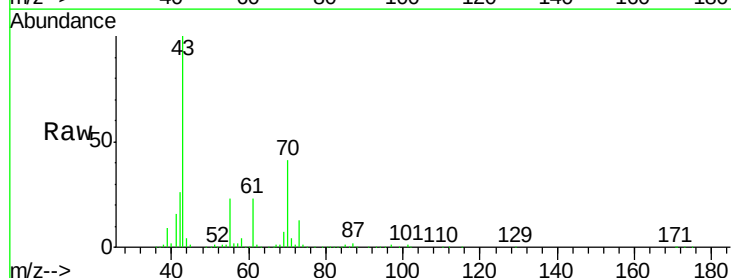
Ion Ratio Lower Upper

43 100

70 41.2 34.4 51.6

55 24.0 18.5 27.7

61 23.6 19.5 29.3

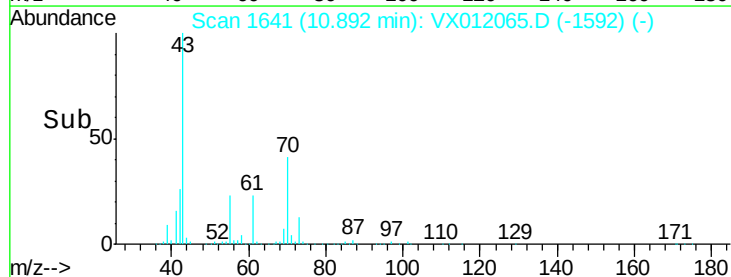
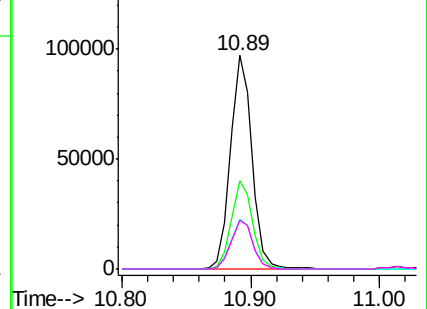


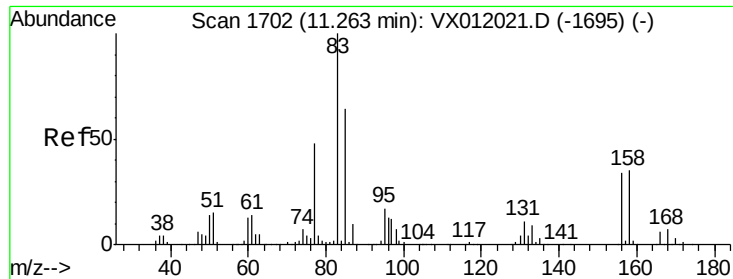
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.657 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

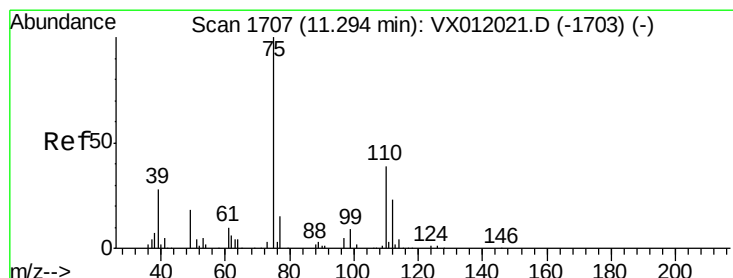
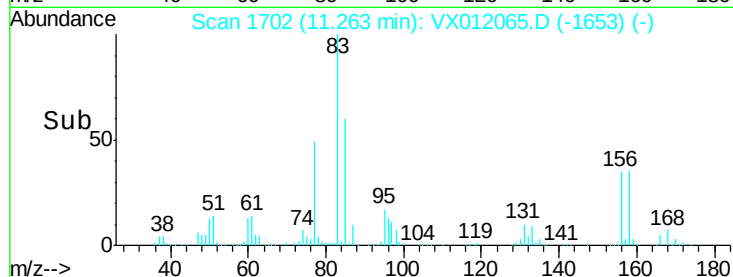
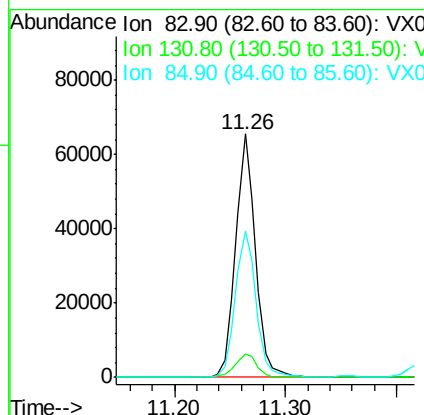
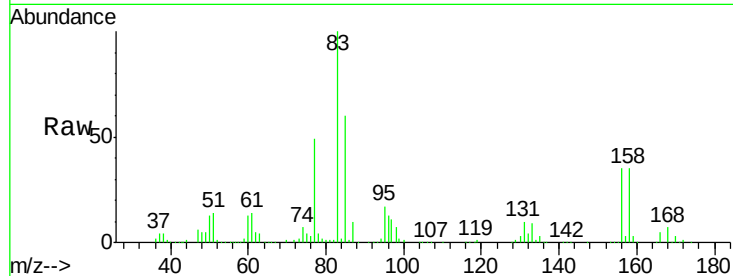
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	80569
Ion Ratio	Lower	Upper	
83	100		
131	10.5	6.3	19.1
85	63.5	32.5	97.4

Manual Integrations
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sam
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#76

1,2,3-Trichloropropane

Concen: 56.892 ug/l m

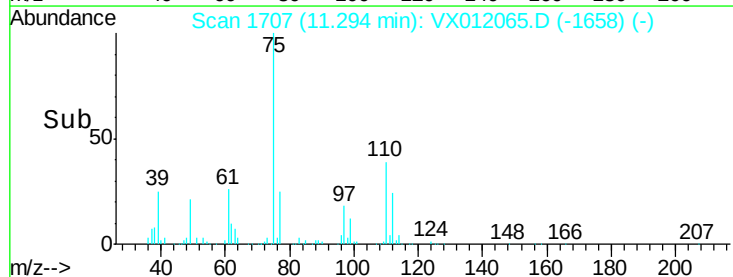
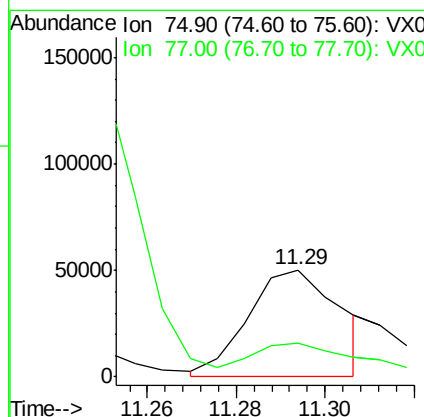
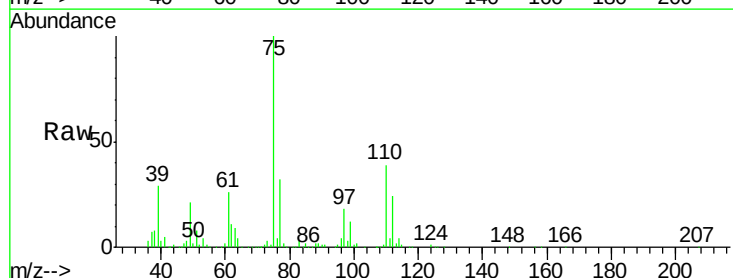
RT: 11.29 min Scan# 1707

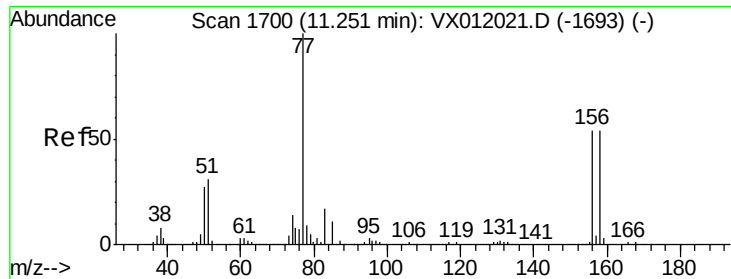
Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Tgt Ion:	75	Resp:	72280
Ion Ratio	Lower	Upper	
75	100		
77	37.7	23.5	70.5





#77

Bromobenzene

Concen: 50.822 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 86717

Ion Ratio Lower Upper

156 100

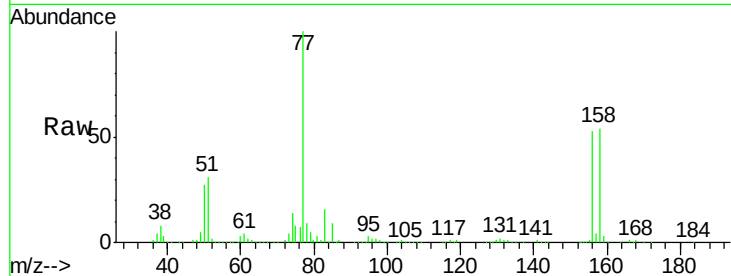
77 190.4 63.4 190.2#

158 97.7 48.9 146.6

Manual Integrations
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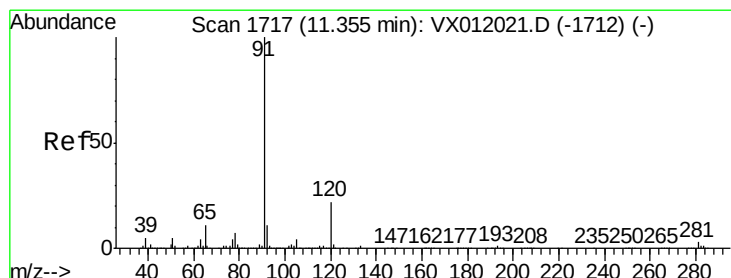
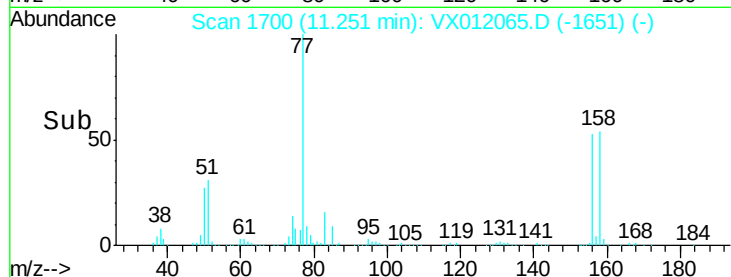
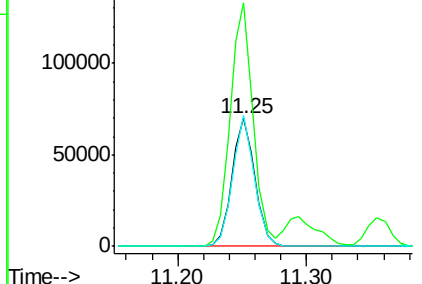
9/5/2019 2:55:56 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.714 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012065.D

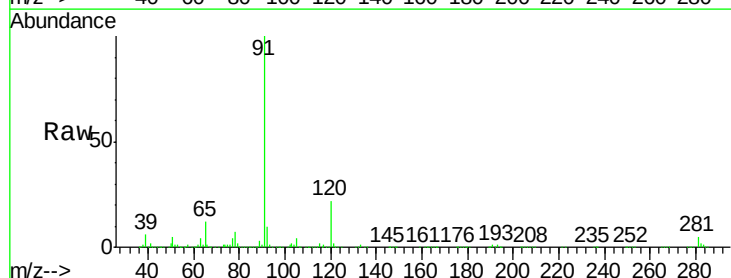
Acq: 04 Sep 2019 21:22

Tgt Ion: 91 Resp: 439776

Ion Ratio Lower Upper

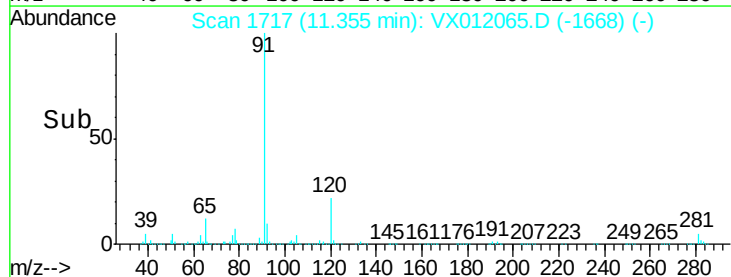
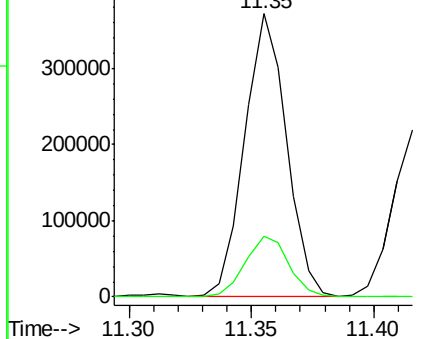
91 100

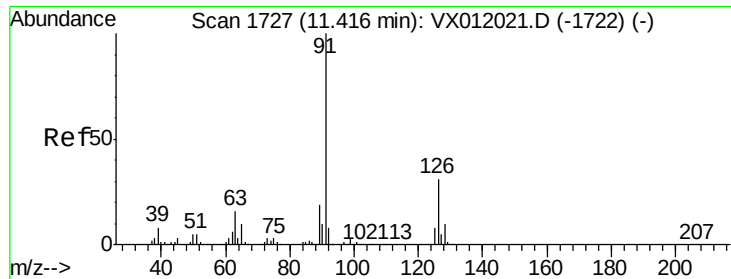
120 22.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





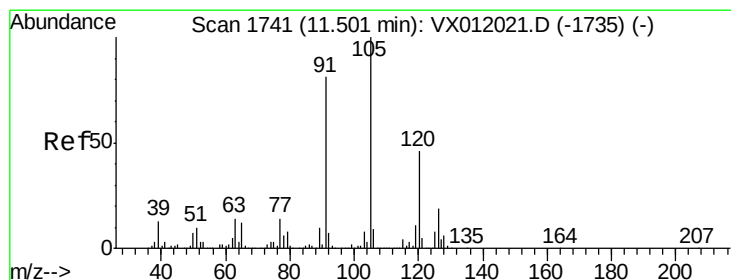
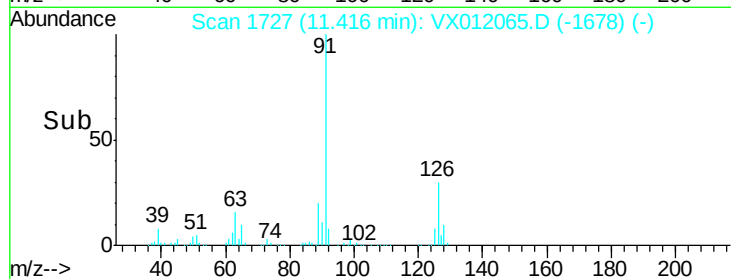
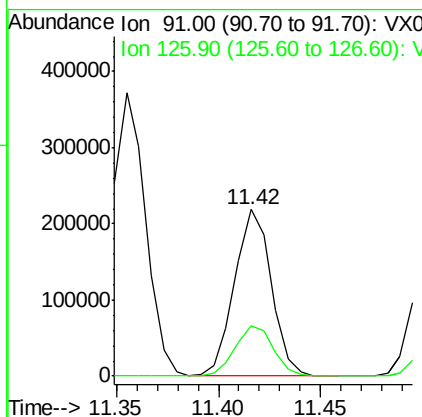
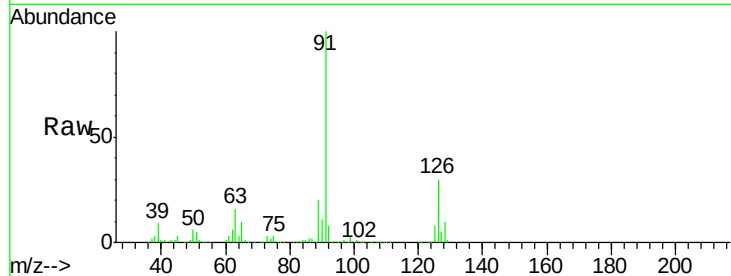
#79
 2-Chlorotoluene
 Concen: 48.782 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.3	18.6	55.8

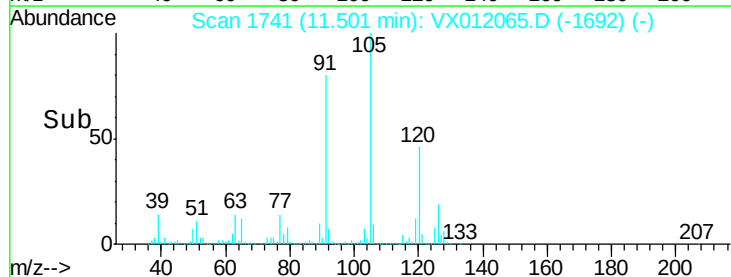
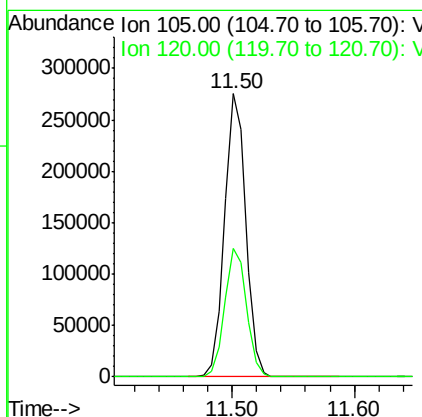
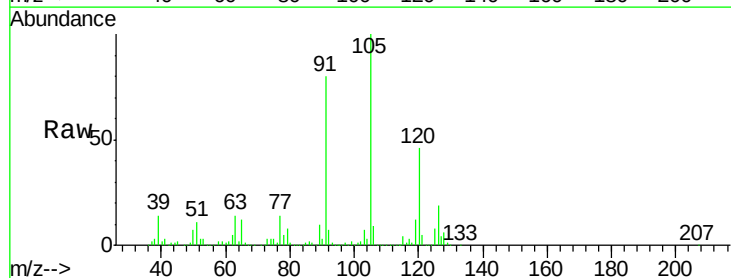
Manual Integrations
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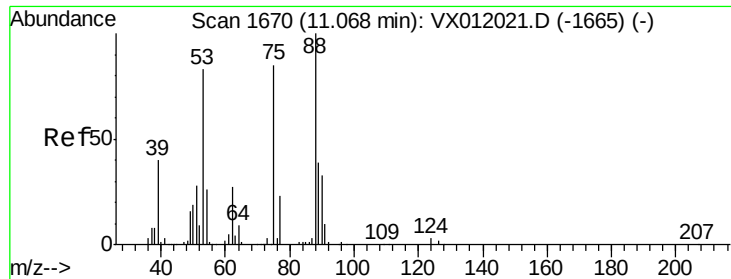
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.098 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	25.8	77.3





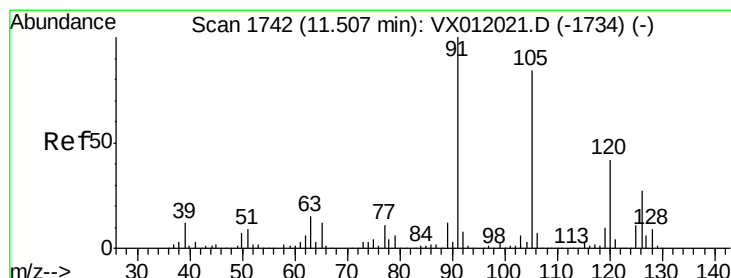
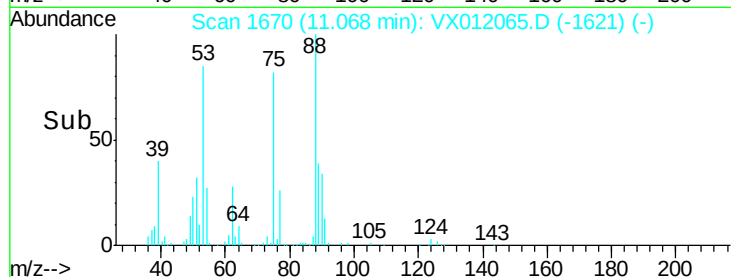
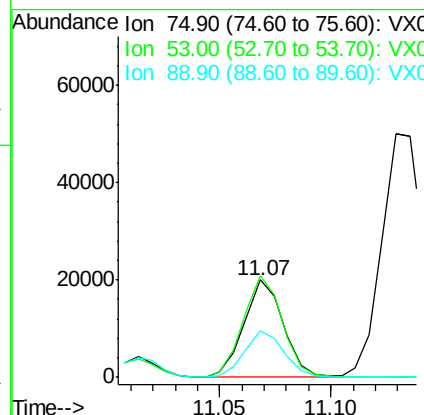
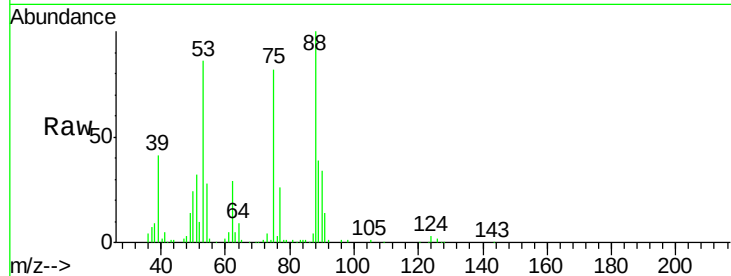
#81
trans-1,4-Dichloro-2-butene
Concen: 45.509 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.7	78.6	117.8
89	48.3	38.8	58.2

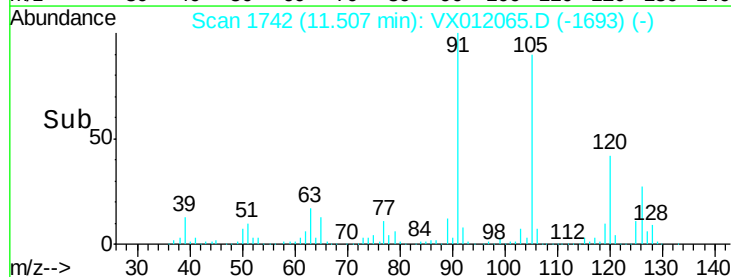
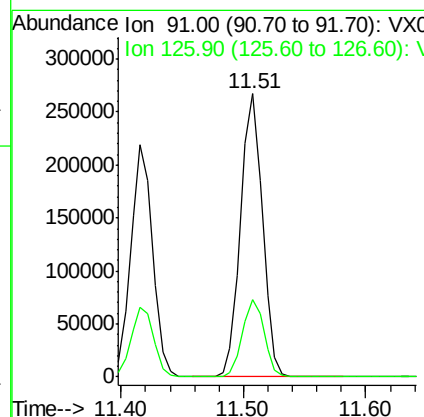
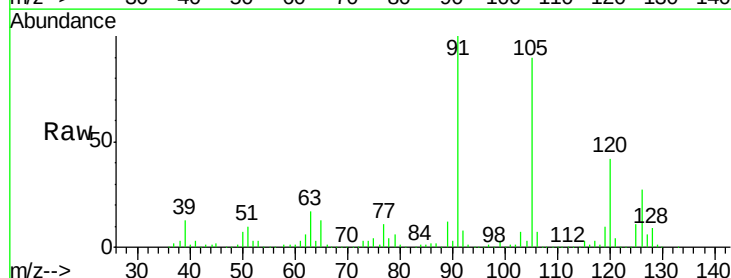
Manual Integrations
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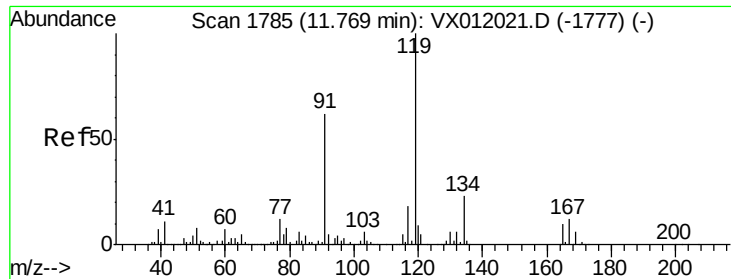
sam
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#82
4-Chlorotoluene
Concen: 49.456 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.3	16.2	48.6





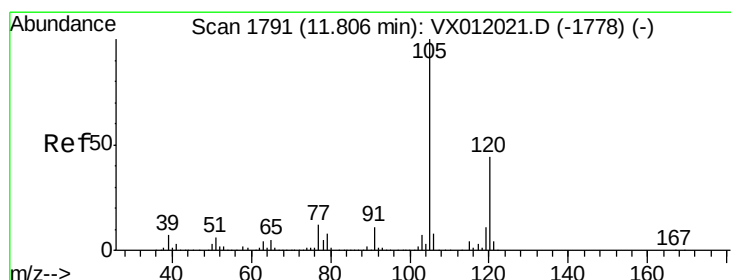
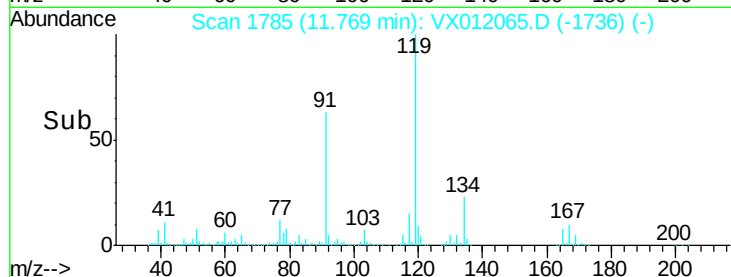
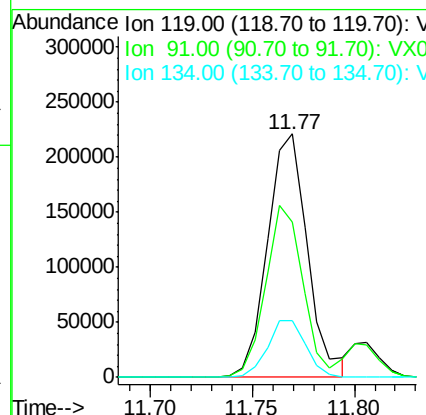
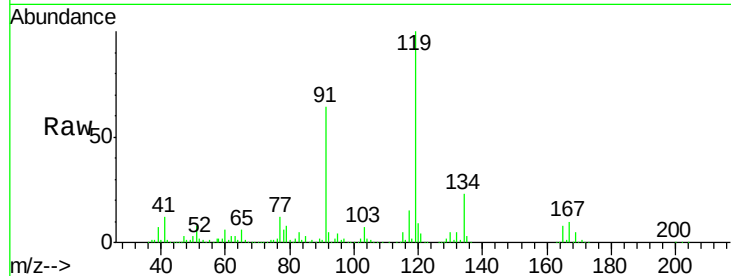
#83
 tert-Butylbenzene
 Concen: 47.392 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	301997		
91	65.7	27.1	81.2	
134	22.6	12.1	36.3	

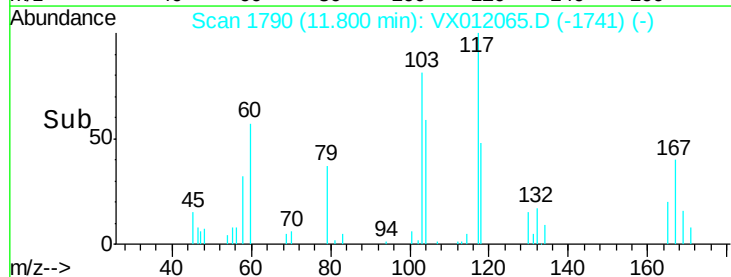
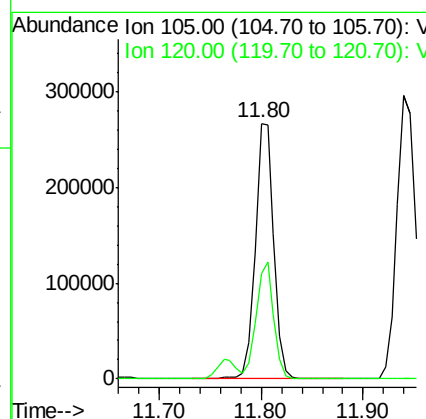
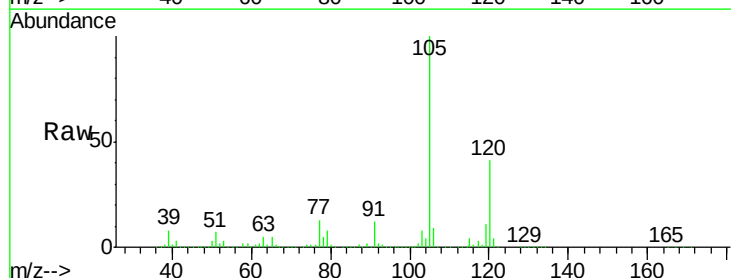
Manual Integrations
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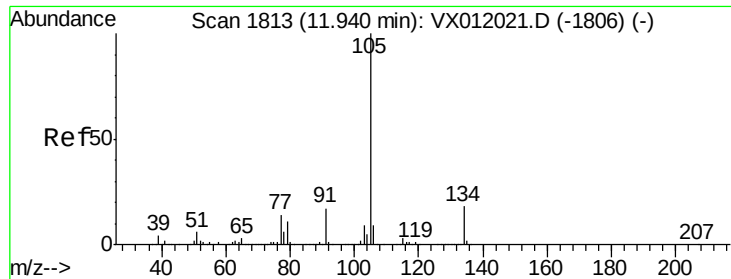
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.021 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336847		
120	43.3	23.6	70.8	





#85

sec-Butylbenzene

Concen: 47.521 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 376129

Ion Ratio Lower Upper

105 100

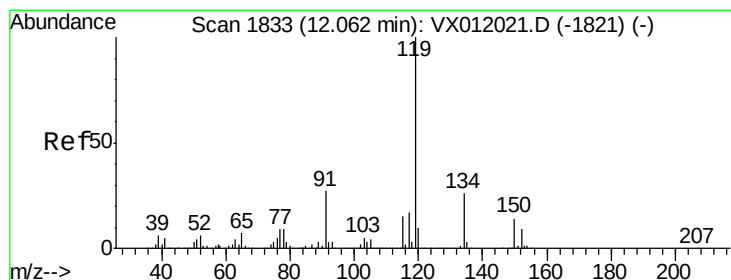
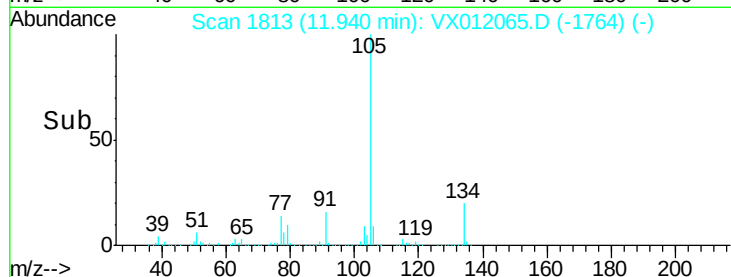
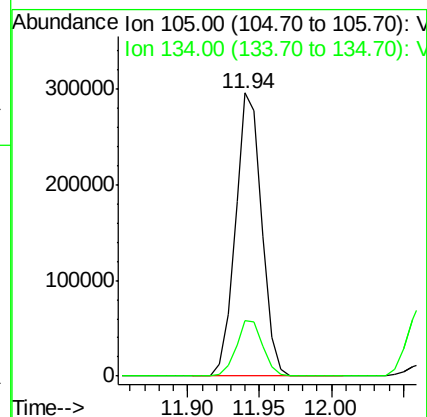
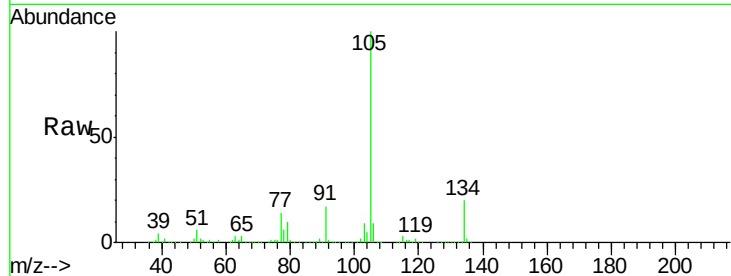
134 19.8 11.2 33.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.158 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012065.D

Acq: 04 Sep 2019 21:22

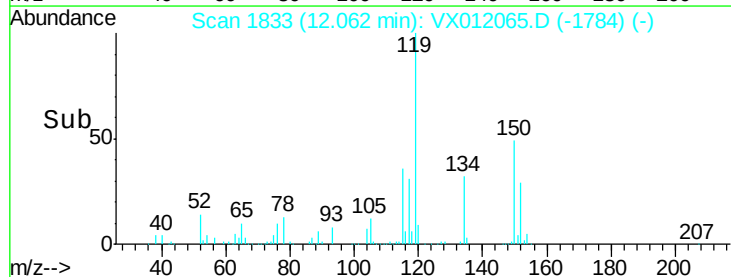
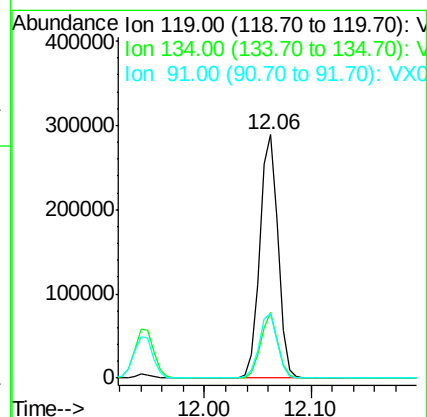
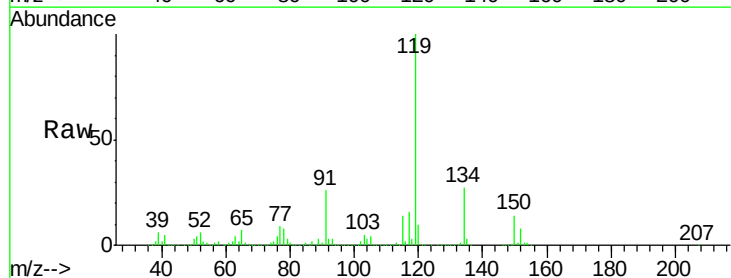
Tgt Ion:119 Resp: 346643

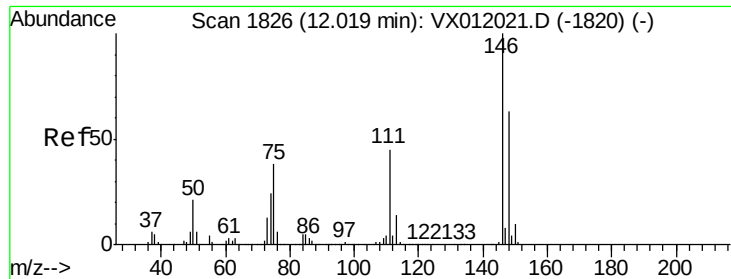
Ion Ratio Lower Upper

119 100

134 25.3 13.7 41.1

91 26.5 11.4 34.1





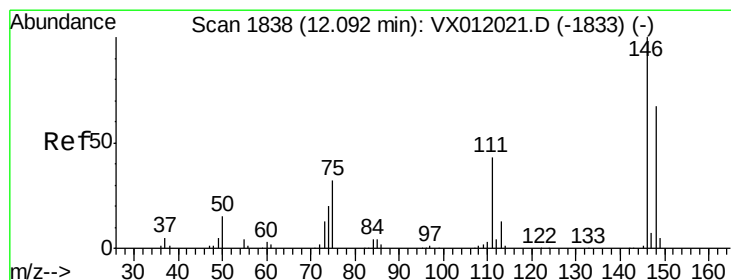
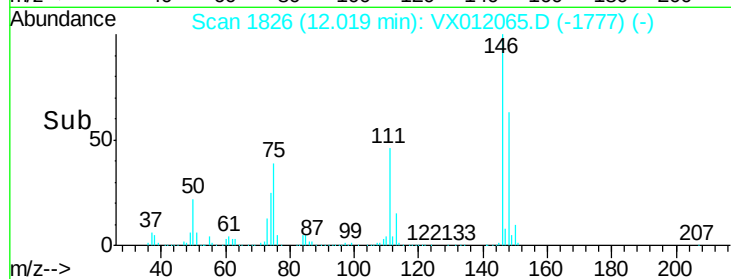
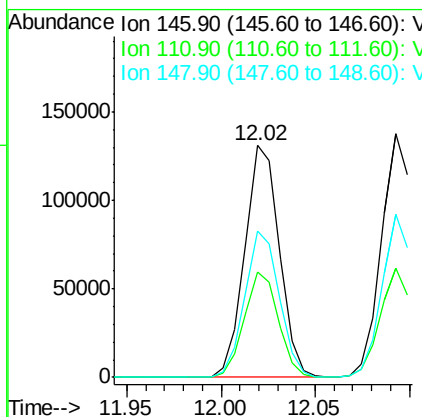
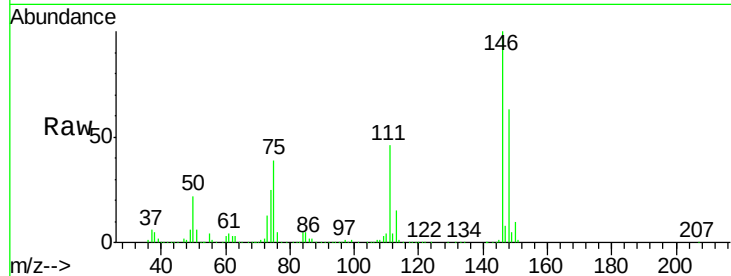
#87
 1,3-Dichlorobenzene
 Concen: 48.710 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	18.1	54.1
148	63.3	32.6	97.8

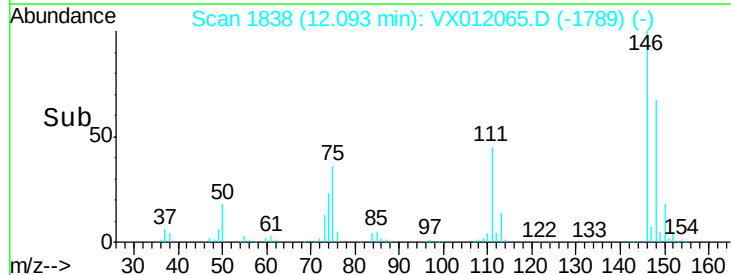
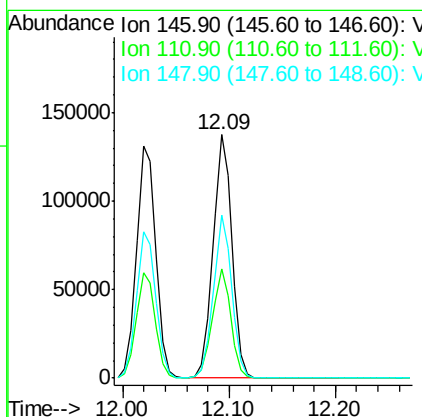
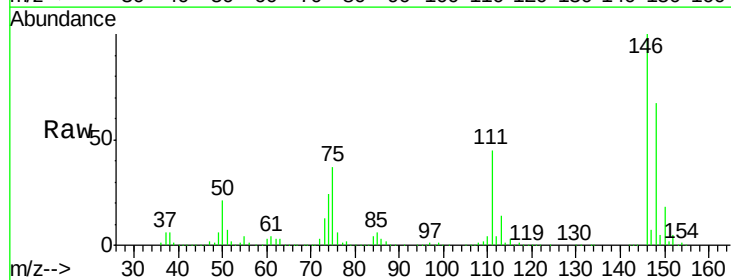
Manual Integrations
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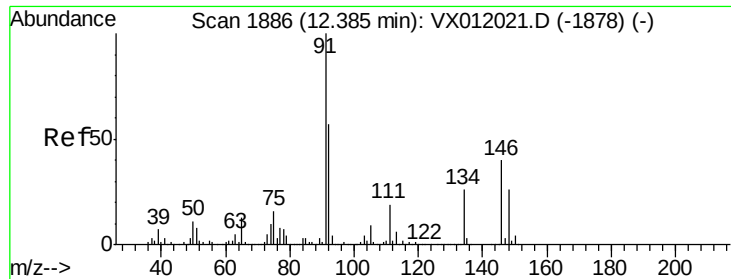
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#88
 1,4-Dichlorobenzene
 Concen: 48.809 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	17.7	53.1
148	65.0	32.4	97.0





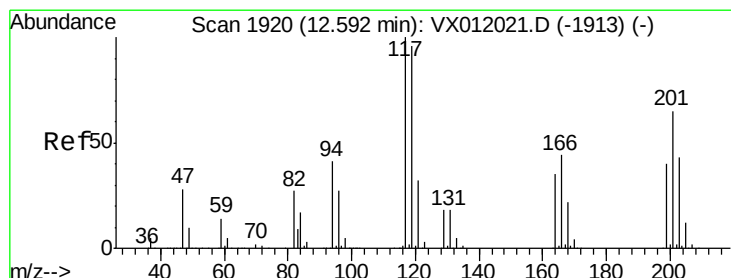
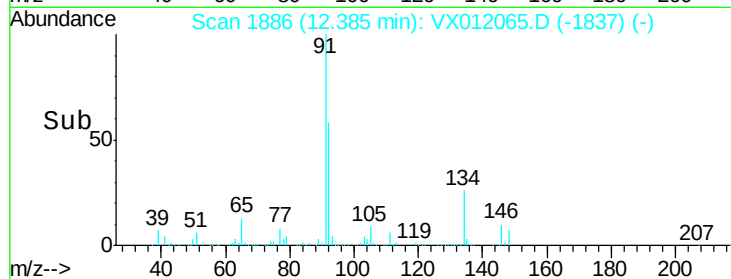
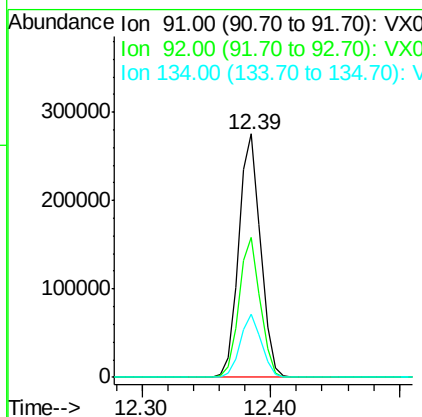
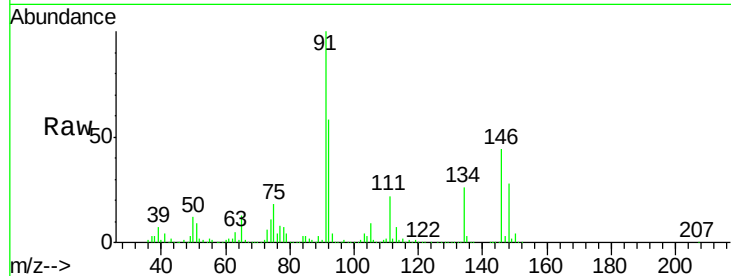
#89
n-Butylbenzene
Concen: 46.162 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	56.0		27.6	82.8
134	25.3		15.4	46.1

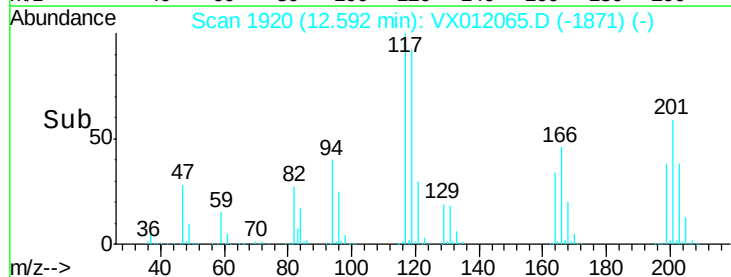
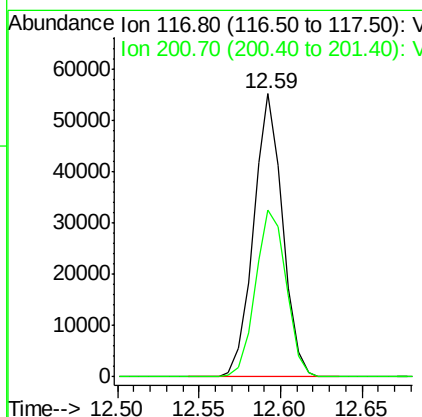
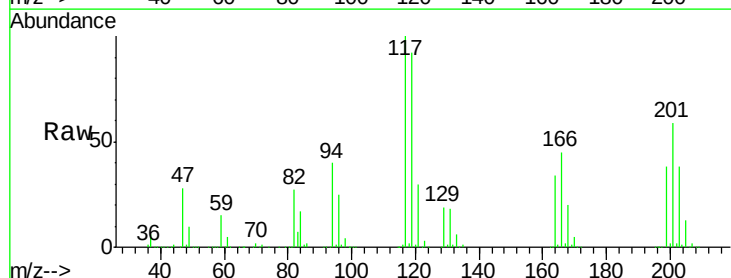
Manual Integrations
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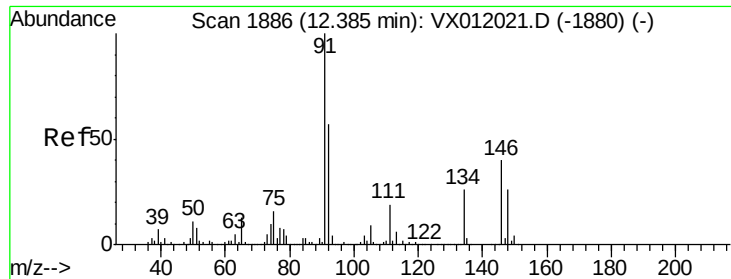
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#90
Hexachloroethane
Concen: 47.463 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	62.3		55.0	165.2





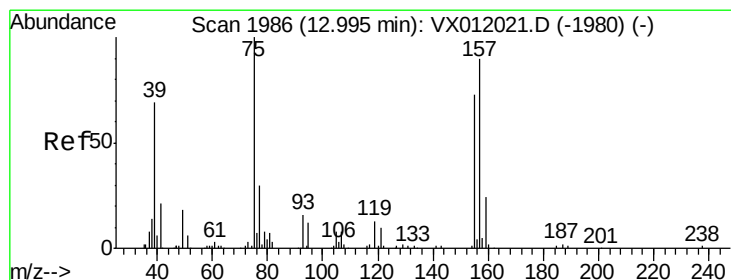
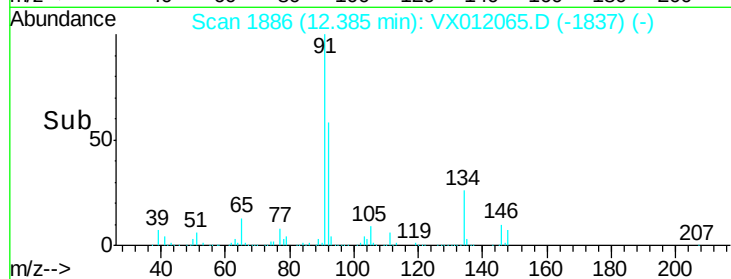
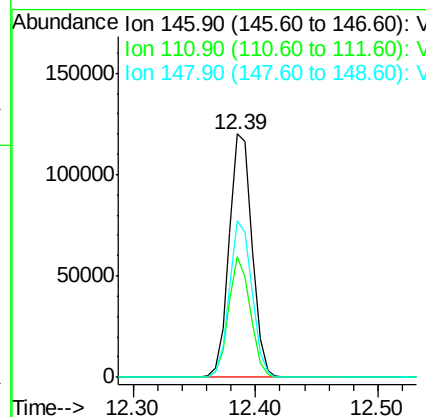
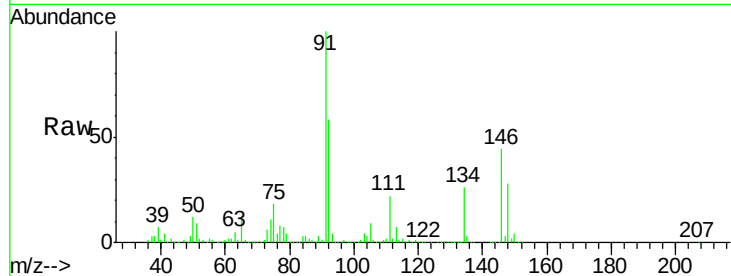
#91
 1,2-Dichlorobenzene
 Concen: 50.161 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154459		
111	47.1	18.6	56.0	
148	63.5	32.4	97.2	

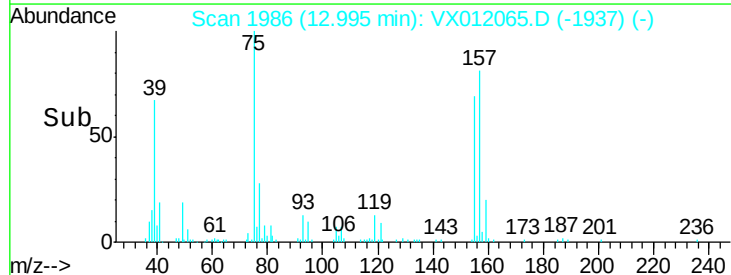
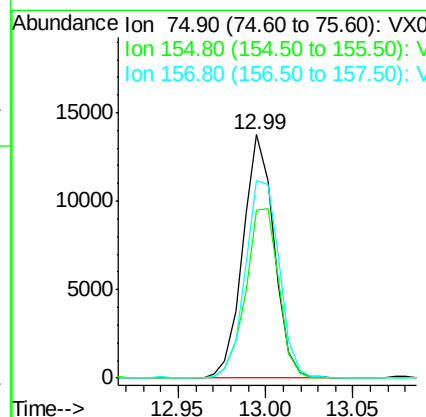
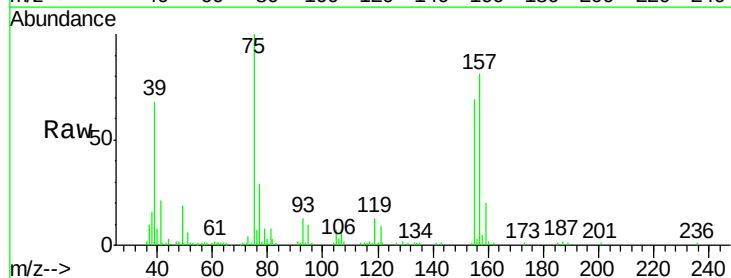
Manual Integrations
 APPROVED

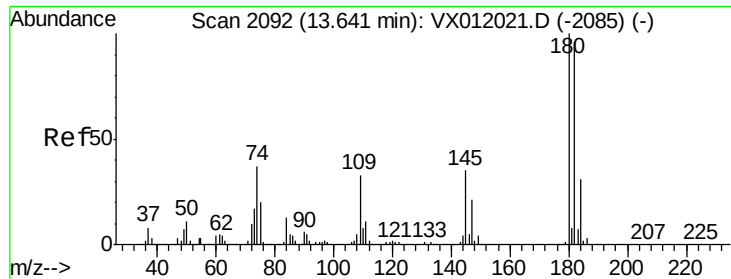
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.144 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17022		
155	73.5	51.7	155.2	
157	88.3	66.9	200.7	





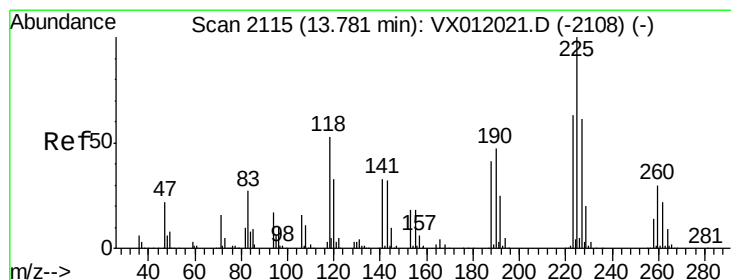
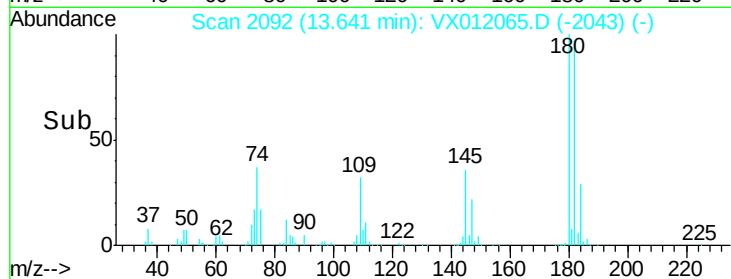
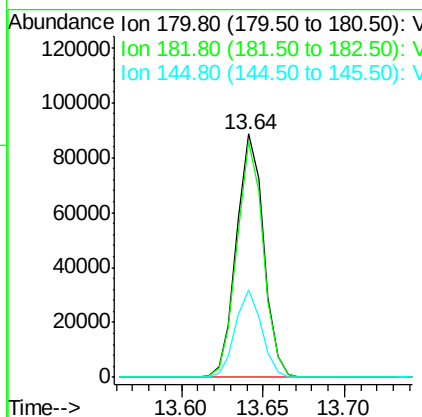
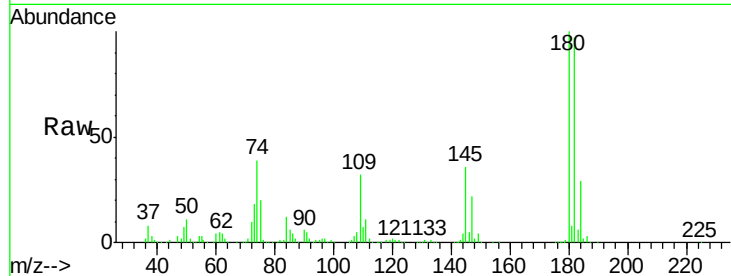
#93
 1,2,4-Trichlorobenzene
 Concen: 46.773 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102513		
182	94.8	47.3	142.0	
145	35.0	13.7	41.0	

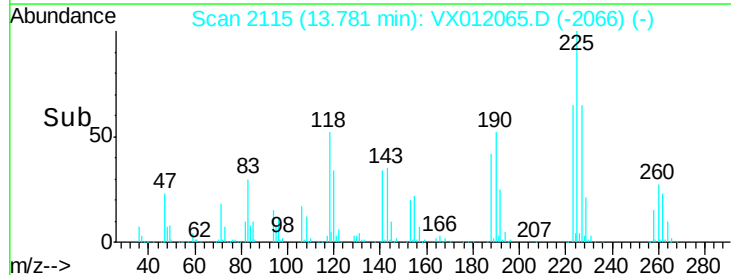
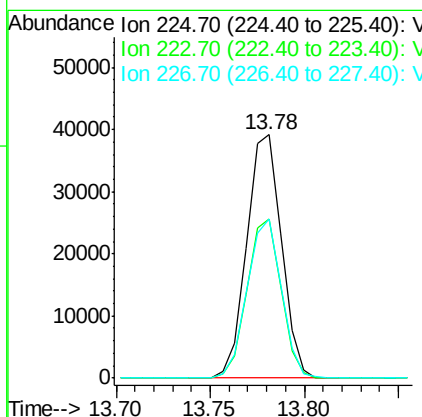
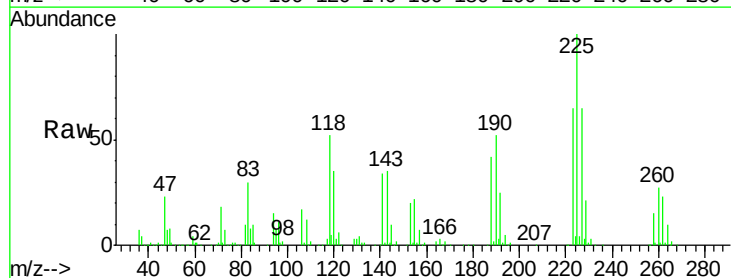
Manual Integrations
 APPROVED

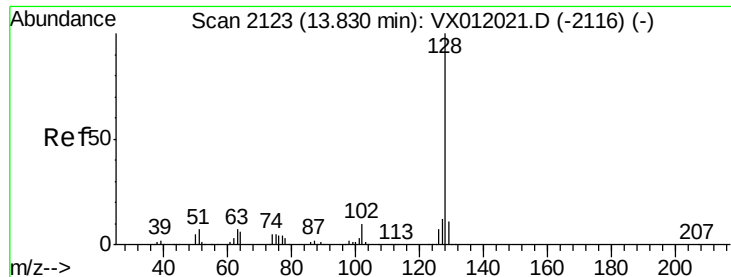
sam
 9/5/2019 2:55:56 PM



#94
 Hexachlorobutadiene
 Concen: 45.439 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012065.D
 Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50201		
223	63.9	31.6	95.0	
227	64.2	32.5	97.5	





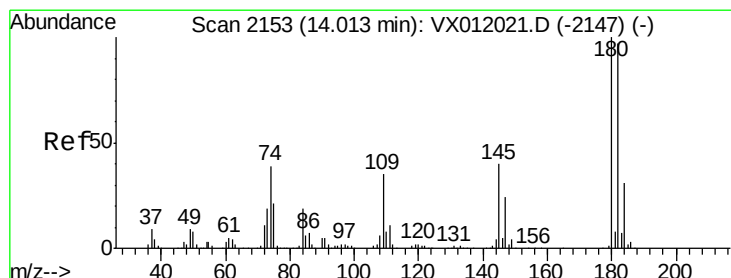
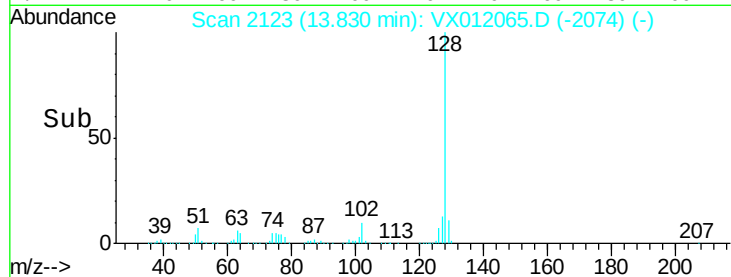
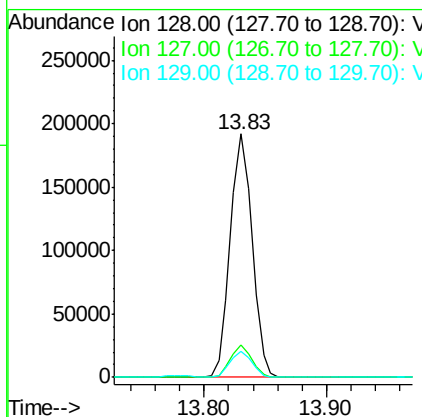
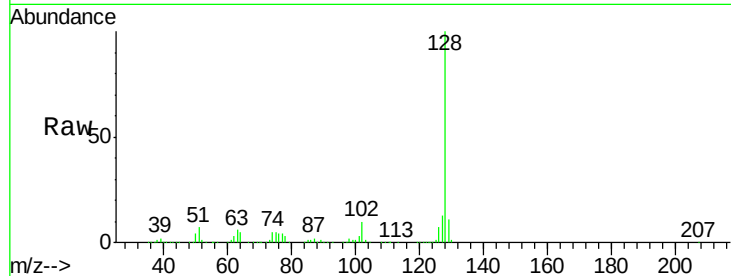
#95
Naphthalene
Concen: 50.214 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	238191		
127	12.9	10.5	15.7	
129	10.9	8.8	13.2	

Manual Integrations
APPROVED

sam
9/5/2019 2:55:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.688 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012065.D
Acq: 04 Sep 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91952		
182	96.5	47.9	143.6	
145	37.4	14.1	42.4	

