

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071620\
 Data File : VX017409.D
 Acq On : 16 Jul 2020 22:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:44:19 PM

Quant Time: Jul 17 02:57:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	310019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	491661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	256227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190073	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.47	113	158951	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.70	98	574146	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.12	95	225995	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146268	55.757	ug/l	99
3) Chloromethane	1.31	50	165501	56.039	ug/l	98
4) Vinyl Chloride	1.39	62	166017	56.823	ug/l	98
5) Bromomethane	1.62	94	94146	49.500	ug/l	99
6) Chloroethane	1.71	64	101132	54.839	ug/l	99
7) Trichlorofluoromethane	1.92	101	250349	50.768	ug/l	96
8) Diethyl Ether	2.17	74	92510	53.072	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150315	53.510	ug/l	98
10) Methyl Iodide	2.49	142	184040	49.460	ug/l	98
11) Tert butyl alcohol	3.01	59	176494	269.225	ug/l	100
12) 1,1-Dichloroethene	2.36	96	153607	54.446	ug/l	95
13) Acrolein	2.27	56	33748	93.910	ug/l	99
14) Allyl chloride	2.71	41	280479	57.375	ug/l	95
15) Acrylonitrile	3.12	53	467588	294.230	ug/l	99
16) Acetone	2.42	43	388412	279.807	ug/l	97
17) Carbon Disulfide	2.55	76	443392	53.874	ug/l	100
18) Methyl Acetate	2.75	43	202794	59.148	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	531083	55.439	ug/l	100
20) Methylene Chloride	2.84	84	179735	53.068	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	172271	53.369	ug/l	96
22) Diisopropyl ether	3.82	45	553117	59.398	ug/l	97
23) Vinyl Acetate	3.79	43	2467905	301.347	ug/l	99
24) 1,1-Dichloroethane	3.67	63	304862	55.707	ug/l	99
25) 2-Butanone	4.64	43	641216	290.830	ug/l	100
26) 2,2-Dichloropropane	4.55	77	223790	43.939	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	187662	53.015	ug/l	98
28) Bromochloromethane	4.98	49	143343	56.699	ug/l	94
29) Tetrahydrofuran	5.09	42	420223	294.440	ug/l	96
30) Chloroform	5.18	83	310843	52.793	ug/l	99
31) Cyclohexane	5.55	56	255005	56.919	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	285862	52.518	ug/l	99
36) 1,1-Dichloropropene	5.77	75	225765	49.922	ug/l	99
37) Ethyl Acetate	4.79	43	254102	54.331	ug/l	99
38) Carbon Tetrachloride	5.76	117	256315	48.408	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247060	50.307	ug/l	97
40) Benzene	6.12	78	680786	52.381	ug/l	99
41) Methacrylonitrile	5.01	41	144296	57.471	ug/l	96
42) 1,2-Dichloroethane	6.17	62	250025	49.514	ug/l	100
43) Isopropyl Acetate	6.42	43	405390	54.245	ug/l	99
44) Trichloroethene	7.19	130	192656	48.529	ug/l	95
45) 1,2-Dichloropropane	7.49	63	179871	54.088	ug/l	99
46) Dibromomethane	7.63	93	123162	51.351	ug/l	96
47) Bromodichloromethane	7.88	83	255780	51.010	ug/l	99
48) Methyl methacrylate	7.74	41	202830	56.558	ug/l	97
49) 1,4-Dioxane	7.71	88	74739	1018.389	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1278454	280.559	ug/l	98
52) Toluene	8.77	92	435454	52.211	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	270973	50.162	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	292741	50.809	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	183011	52.622	ug/l	99
56) Ethyl methacrylate	9.16	69	270640	54.812	ug/l	98
57) 1,3-Dichloropropane	9.35	76	300251	51.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	694403	276.976	ug/l	98
59) 2-Hexanone	9.48	43	963018	280.006	ug/l	99
60) Dibromochloromethane	9.57	129	209686	49.352	ug/l	100
61) 1,2-Dibromoethane	9.65	107	192828	50.967	ug/l	99
64) Tetrachloroethene	9.32	164	175125	43.285	ug/l	96
65) Chlorobenzene	10.12	112	469468	49.420	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	187071	49.462	ug/l	98
67) Ethyl Benzene	10.24	91	825429	52.196	ug/l	99
68) m/p-Xylenes	10.34	106	636735	105.823	ug/l	97
69) o-Xylene	10.68	106	301751	52.484	ug/l	99
70) Styrene	10.70	104	540526	54.769	ug/l	98
71) Bromoform	10.84	173	158859	49.776	ug/l #	98
73) Isopropylbenzene	11.00	105	817589	50.902	ug/l	100
74) N-amyl acetate	10.88	43	365671	56.892	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	269471	55.255	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	253449m	53.531	ug/l	
77) Bromobenzene	11.24	156	217893	47.630	ug/l	95
78) n-propylbenzene	11.34	91	939288	52.070	ug/l	100
79) 2-Chlorotoluene	11.40	91	564013	50.737	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	690998	50.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	91869	49.222	ug/l	98
82) 4-Chlorotoluene	11.49	91	670780	50.916	ug/l	100
83) tert-Butylbenzene	11.76	119	681031	51.671	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	704888	51.174	ug/l	99
85) sec-Butylbenzene	11.93	105	776164	50.300	ug/l	100
86) p-Isopropyltoluene	12.05	119	745792	51.080	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	393950	48.138	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	399977	48.376	ug/l	99
89) n-Butylbenzene	12.37	91	635503	51.037	ug/l	99
90) Hexachloroethane	12.58	117	142133	51.277	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	387241	50.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61839	48.055	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	252939	47.380	ug/l	97
94) Hexachlorobutadiene	13.76	225	100046	45.953	ug/l	97
95) Naphthalene	13.82	128	827293	52.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	251389	48.748	ug/l	97

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

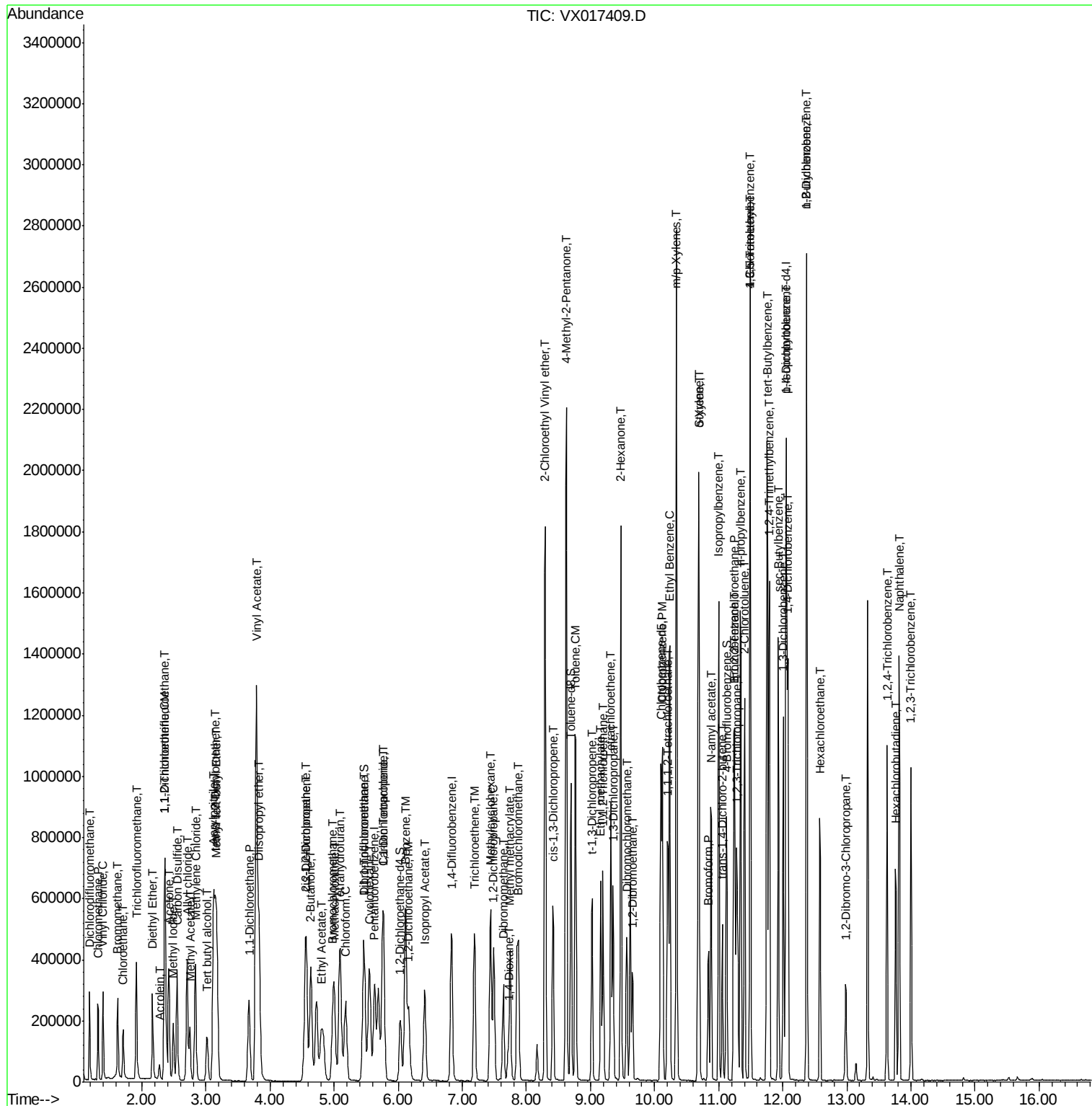
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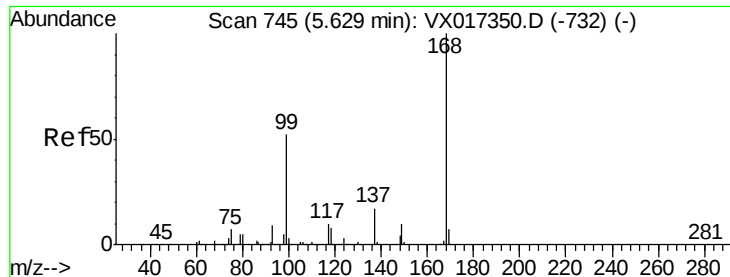
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 310019

Ion Ratio Lower Upper

168 100

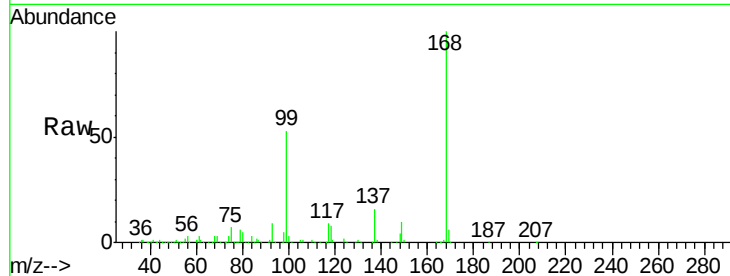
99 53.3 41.6 62.4

Manual Integrations

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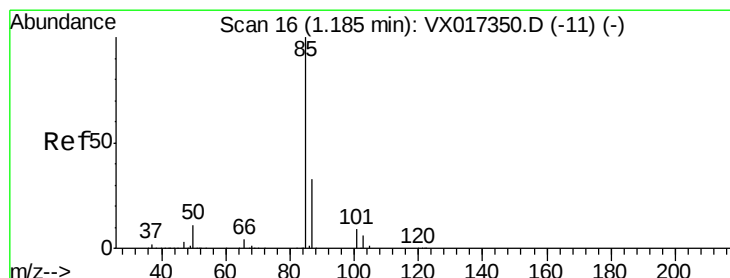
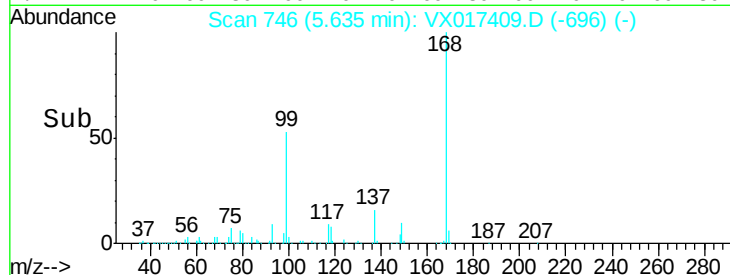
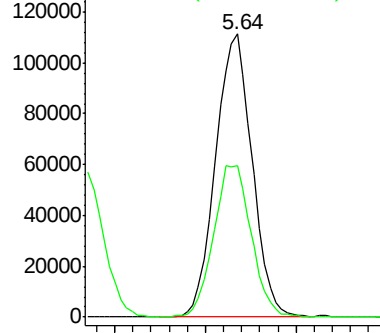
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.757 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017409.D

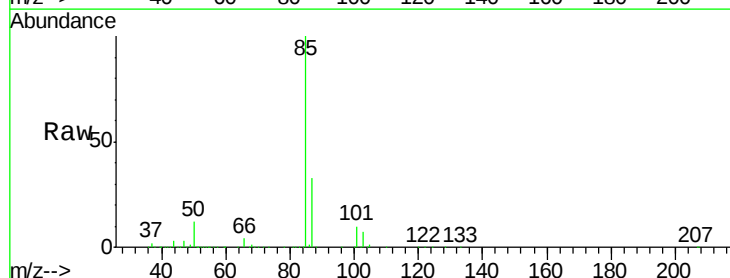
Acq: 16 Jul 2020 22:09

Tgt Ion: 85 Resp: 146268

Ion Ratio Lower Upper

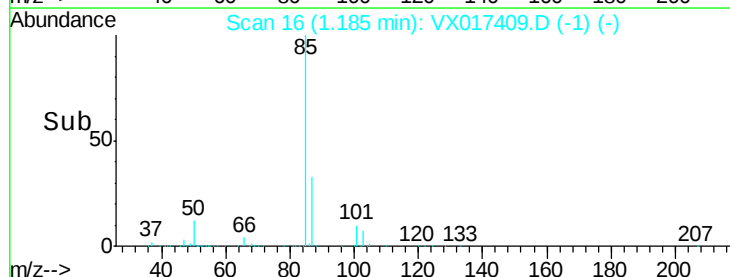
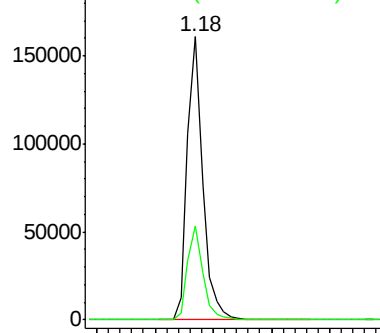
85 100

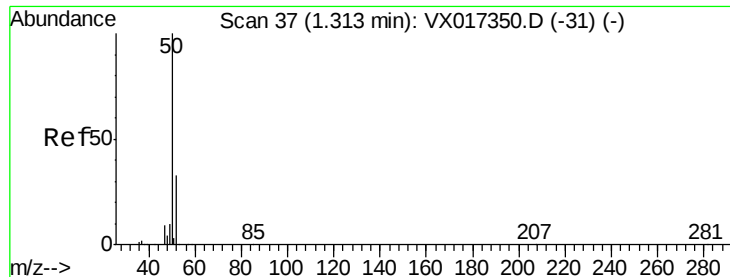
87 33.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 56.039 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 165501

Ion Ratio Lower Upper

50 100

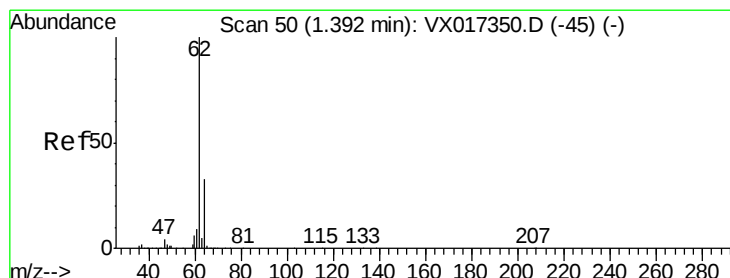
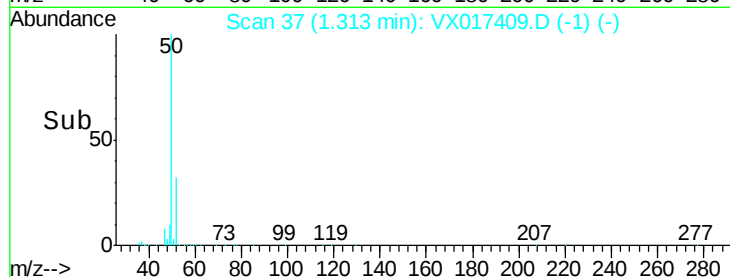
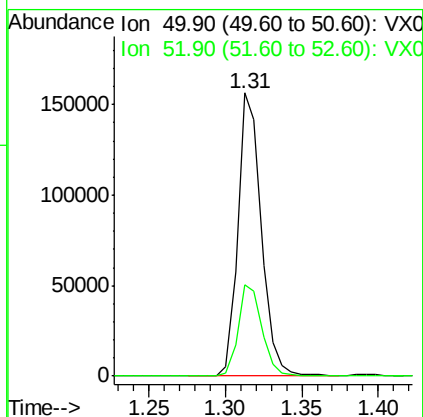
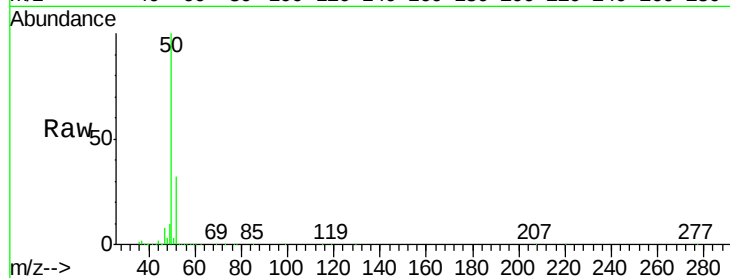
52 32.2 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.823 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017409.D

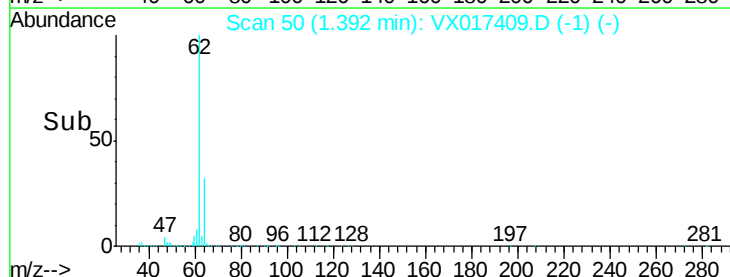
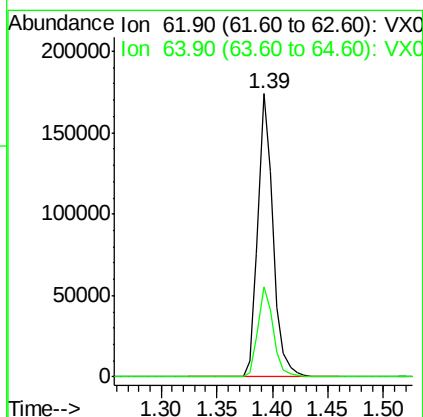
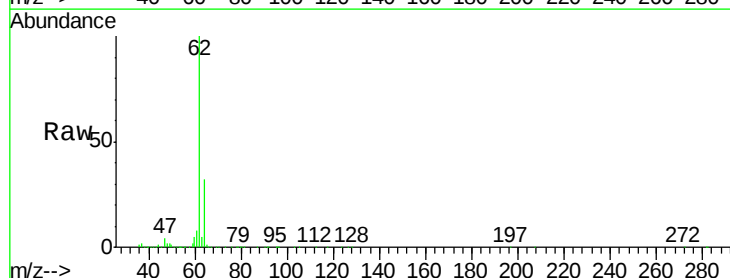
Acq: 16 Jul 2020 22:09

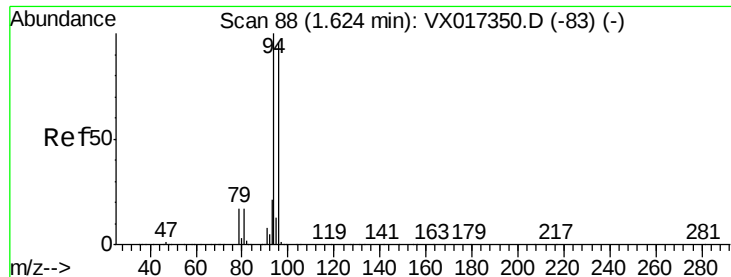
Tgt Ion: 62 Resp: 166017

Ion Ratio Lower Upper

62 100

64 31.9 26.3 39.5





#5

Bromomethane

Concen: 49.500 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 94146

Ion Ratio Lower Upper

94 100

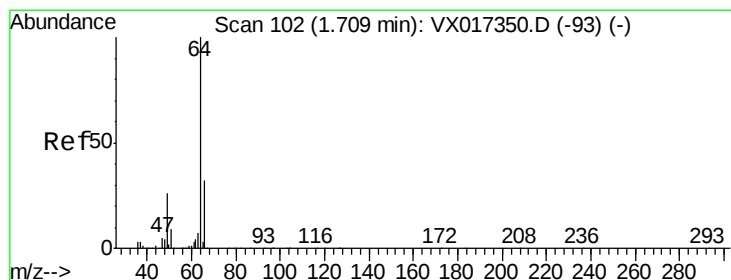
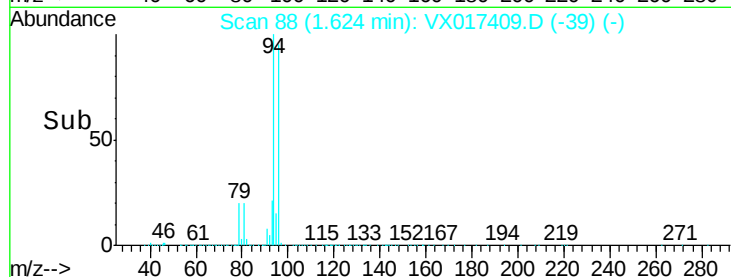
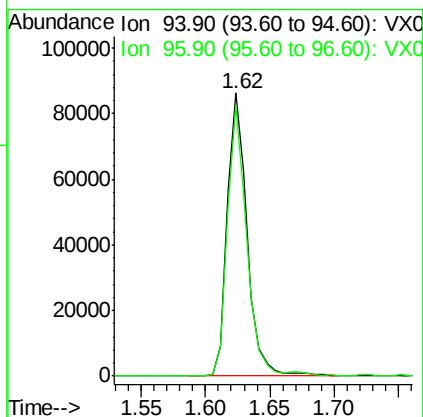
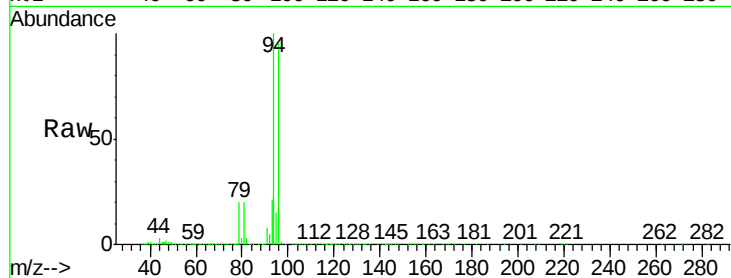
96 95.3 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 54.839 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017409.D

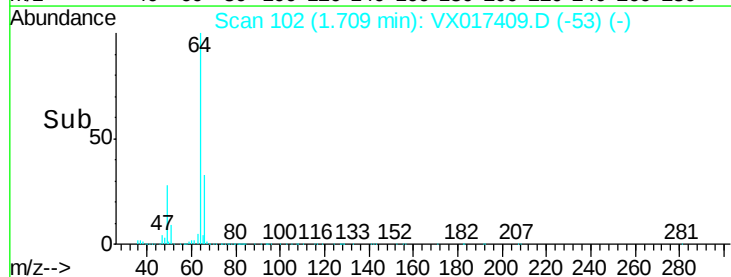
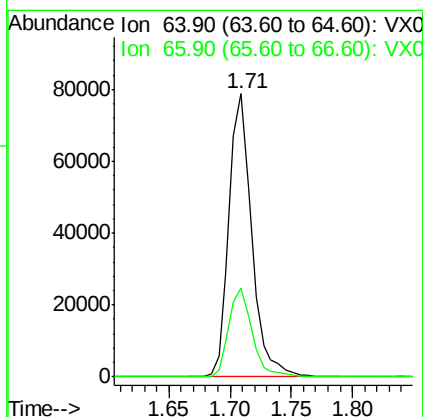
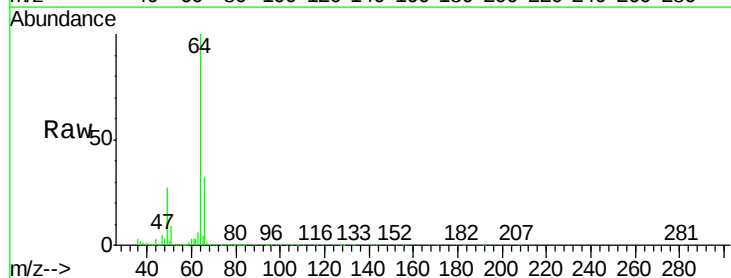
Acq: 16 Jul 2020 22:09

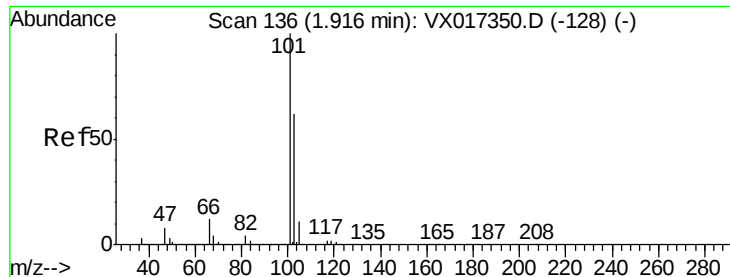
Tgt Ion: 64 Resp: 101132

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5





#7

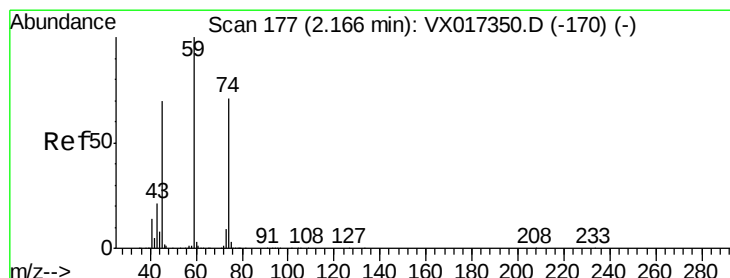
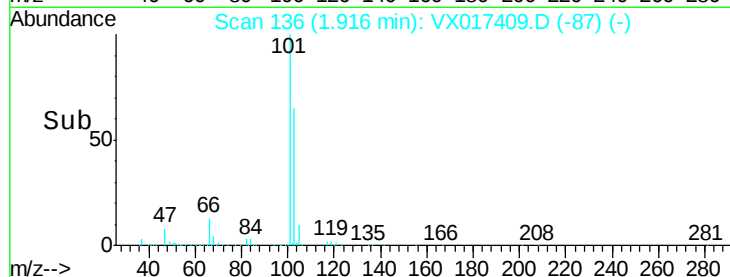
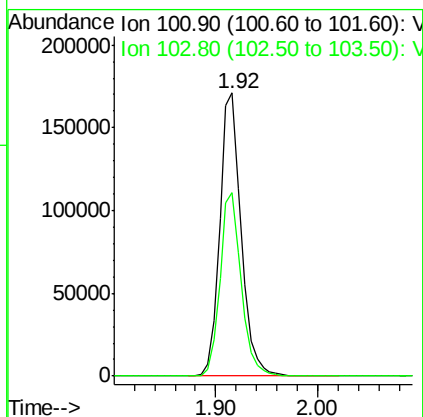
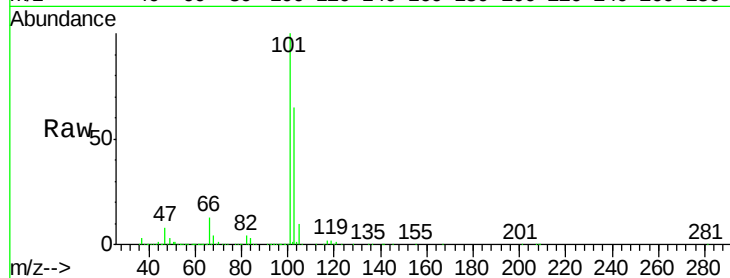
Trichlorofluoromethane
Concen: 50.768 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017409.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.6	74.4

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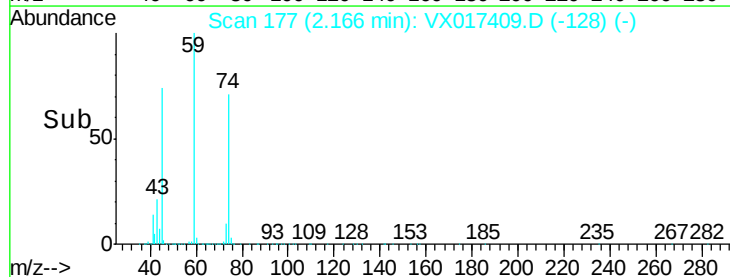
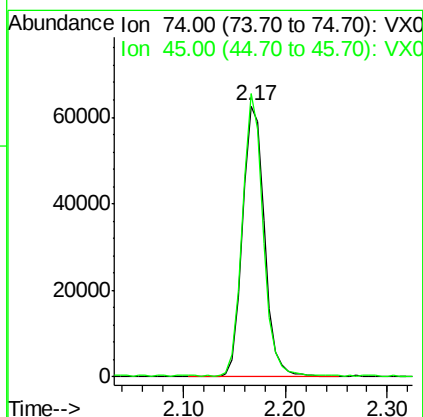
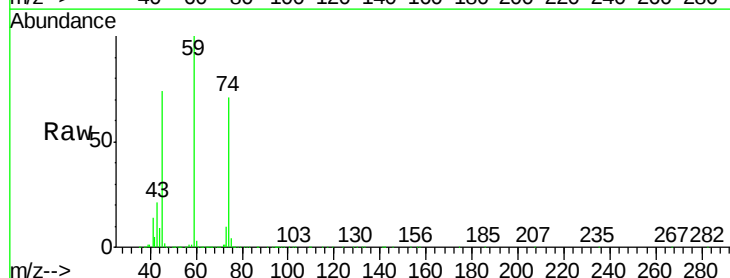
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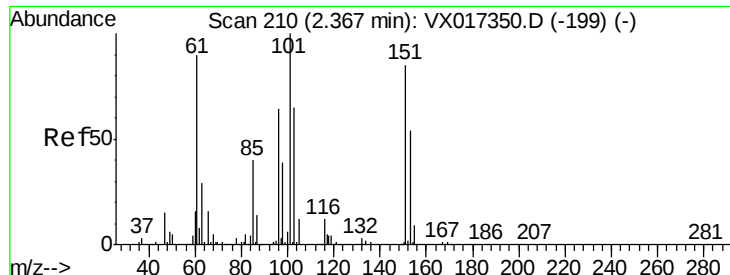


#8

Diethyl Ether
Concen: 53.072 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017409.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.510 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

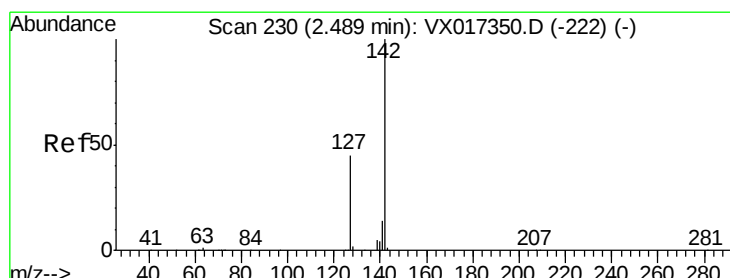
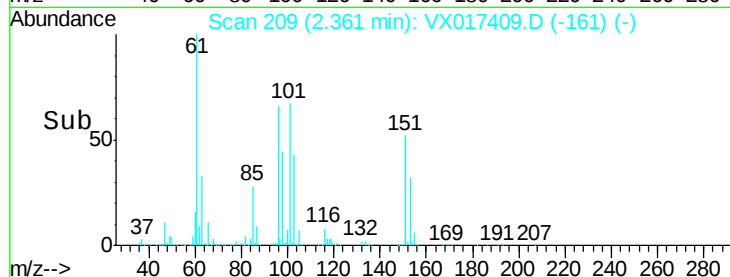
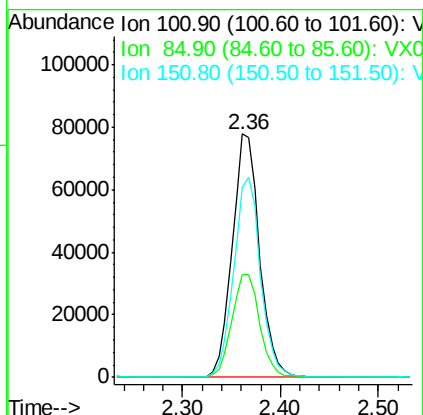
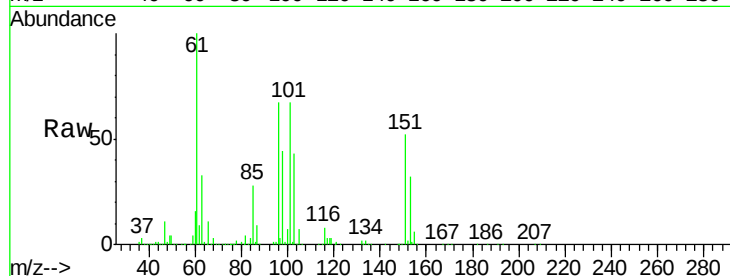
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	150315
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.7	50.5
151	81.0	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 49.460 ug/l

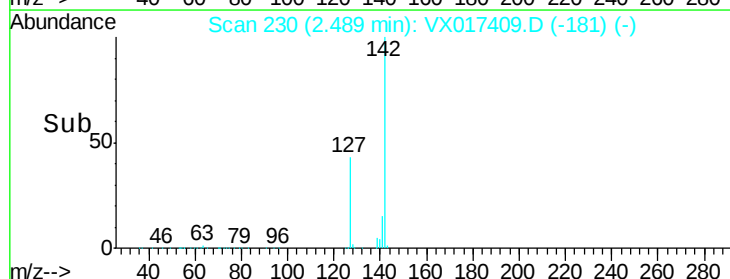
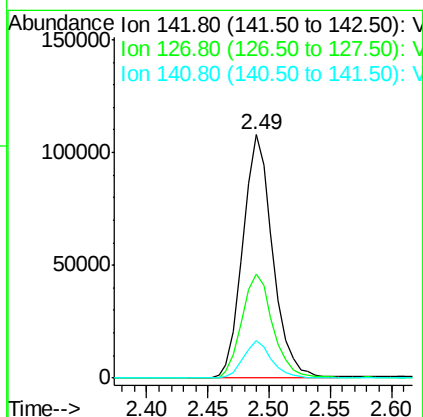
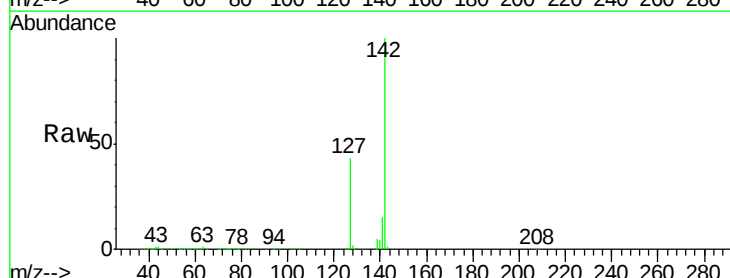
RT: 2.49 min Scan# 230

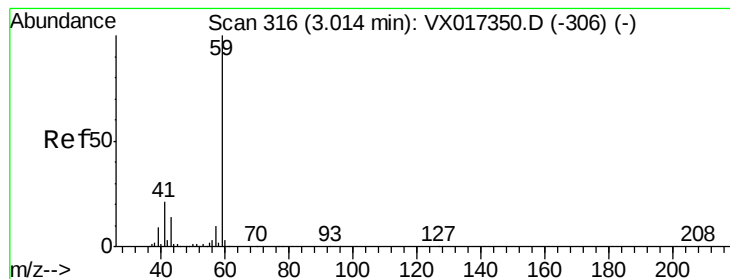
Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion:	142	Resp:	184040
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.8	55.2
141	14.4	11.4	17.0





#11

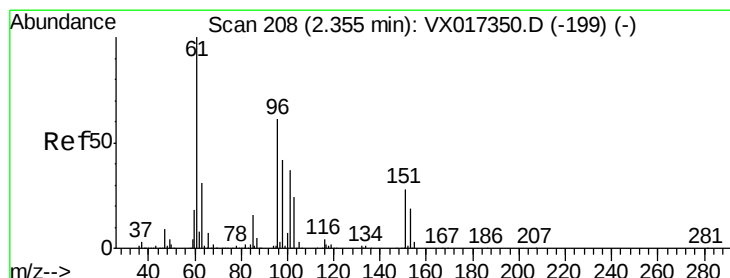
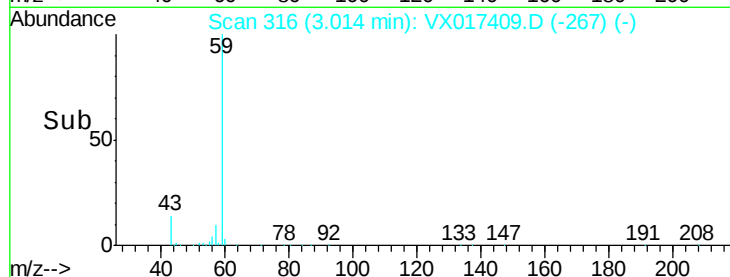
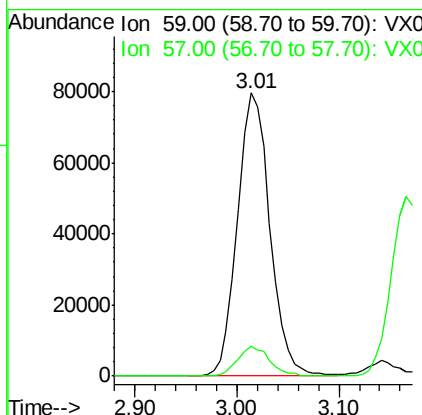
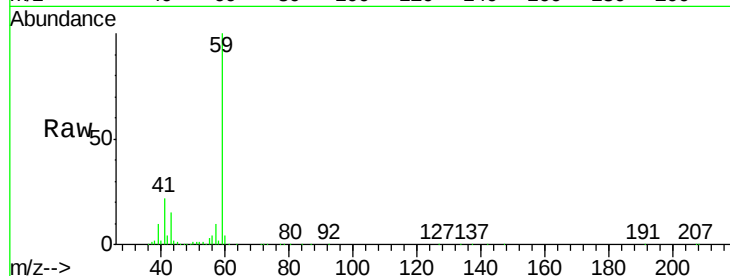
Tert butyl alcohol
 Concen: 269.225 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

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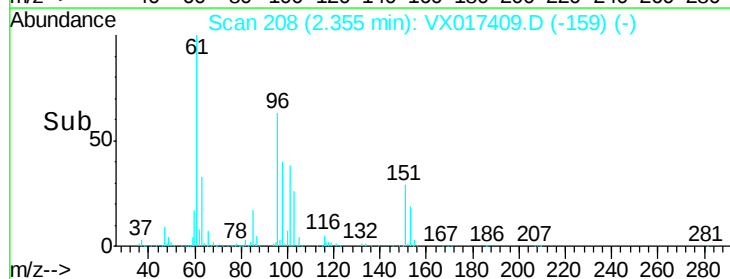
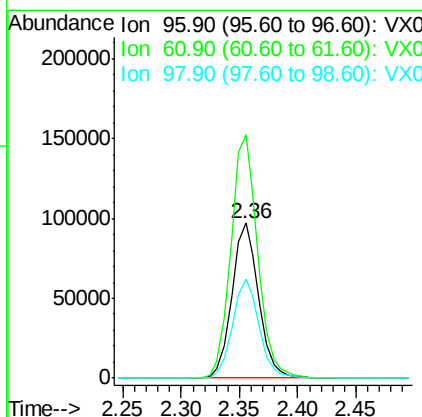
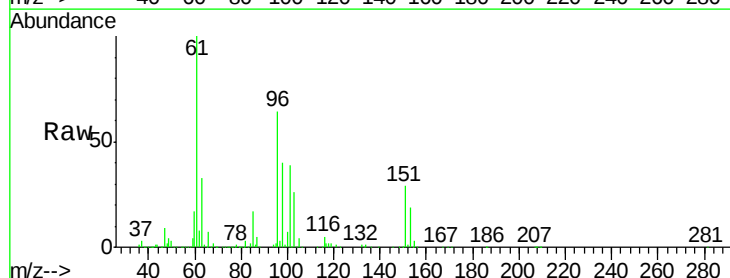
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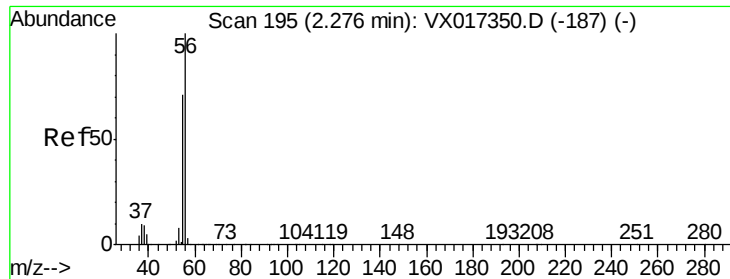


#12

1,1-Dichloroethene
 Concen: 54.446 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.5	131.5	197.3
98	63.7	55.1	82.7





#13

Acrolein

Concen: 93.910 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 33748

Ion Ratio Lower Upper

56 100

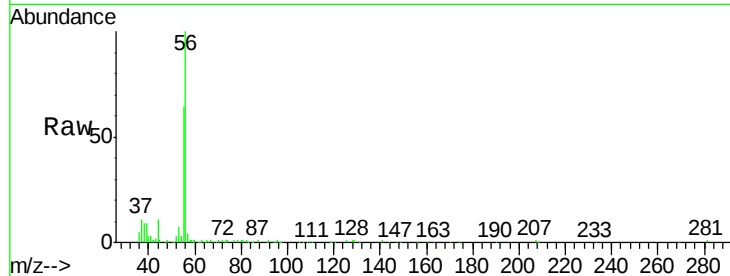
55 71.0 57.1 85.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

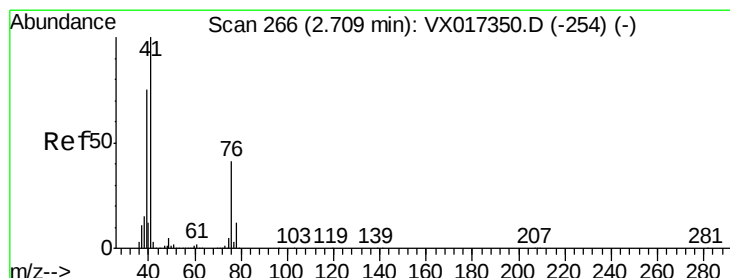
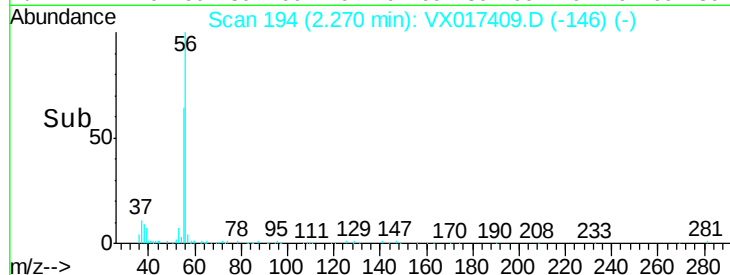
5000

0

2.27

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 57.375 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

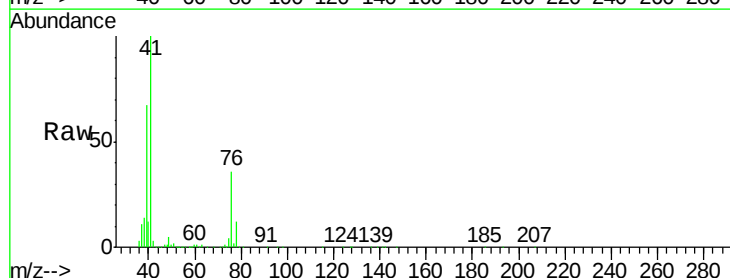
Tgt Ion: 41 Resp: 280479

Ion Ratio Lower Upper

41 100

39 62.2 53.0 79.4

76 32.1 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

200000

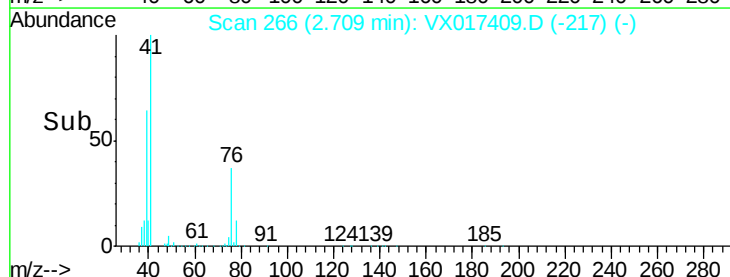
100000

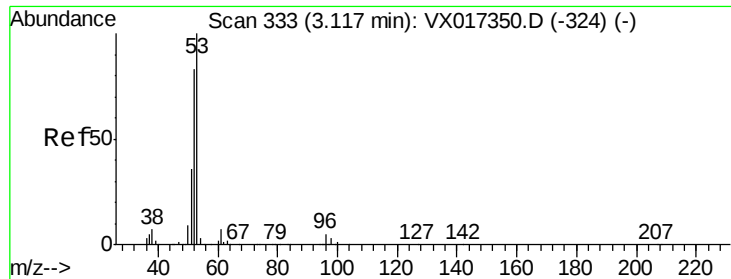
0

2.71

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 294.230 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

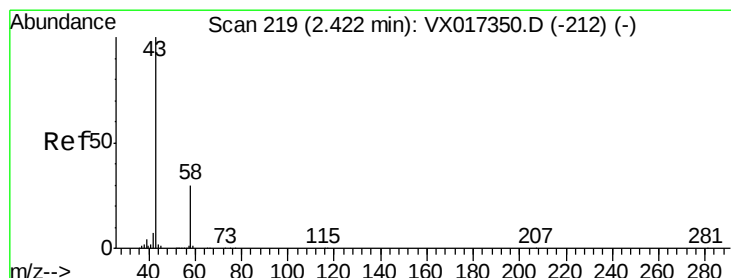
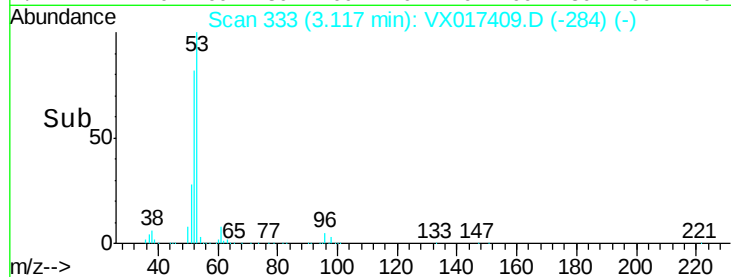
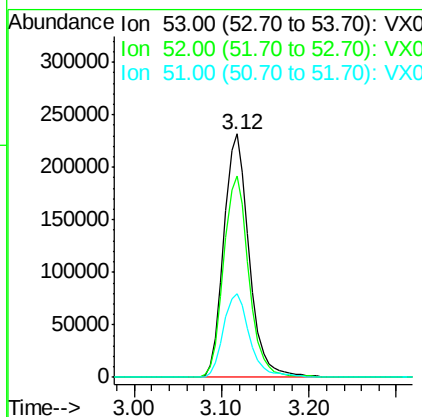
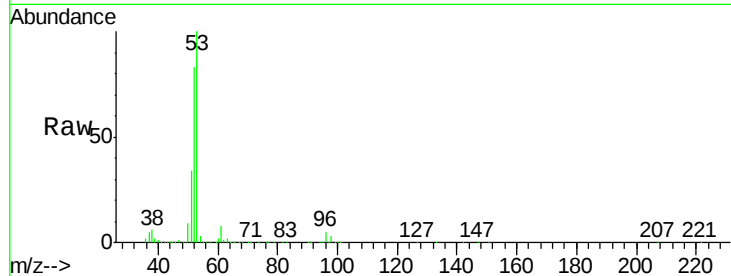
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	467588
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.8	98.6
51	35.2	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 279.807 ug/l

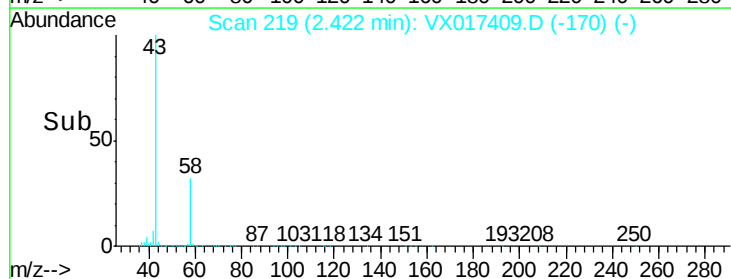
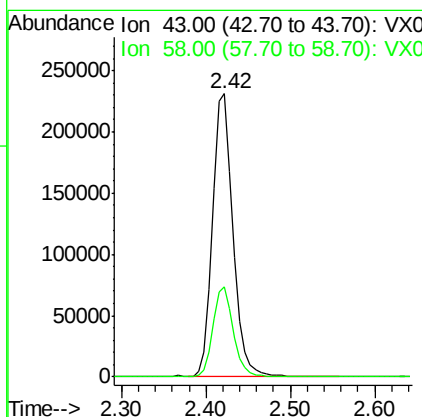
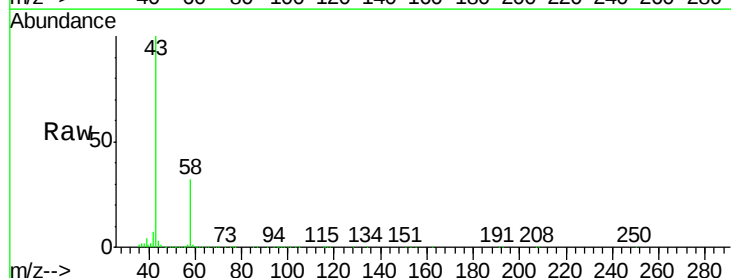
RT: 2.42 min Scan# 219

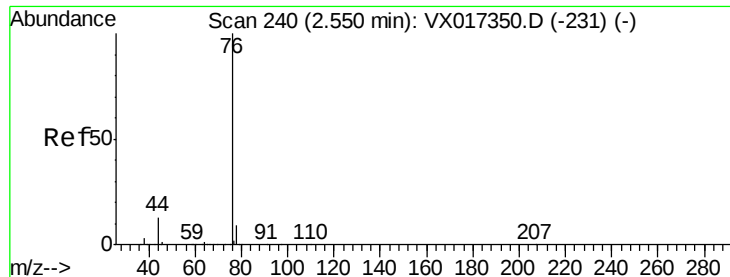
Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion:	43	Resp:	388412
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.2	36.2





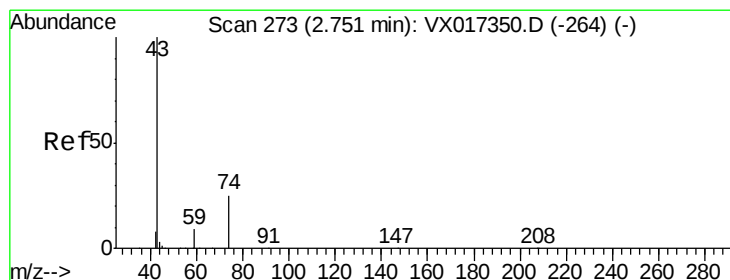
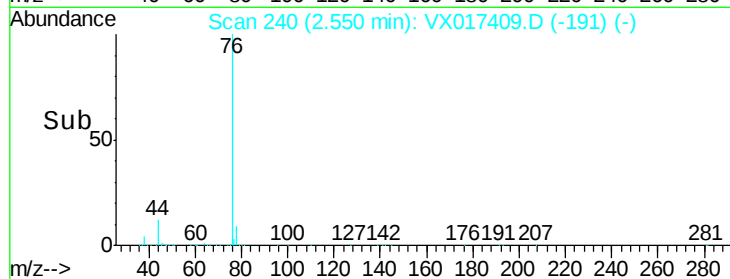
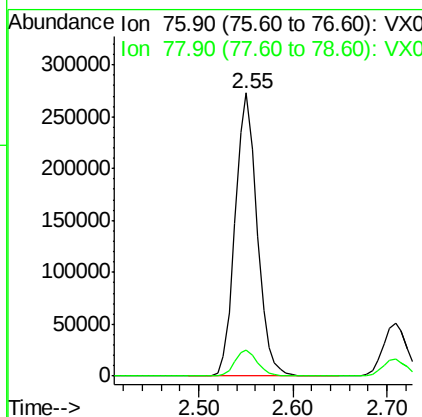
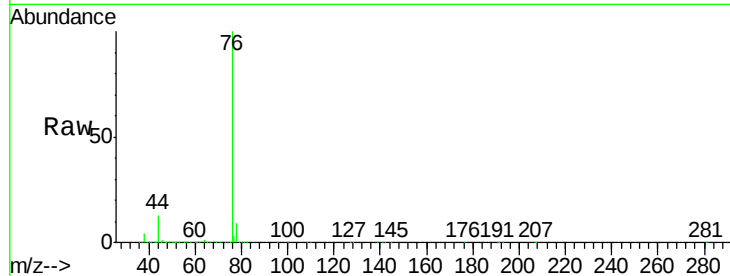
#17
Carbon Disulfide
Concen: 53.874 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

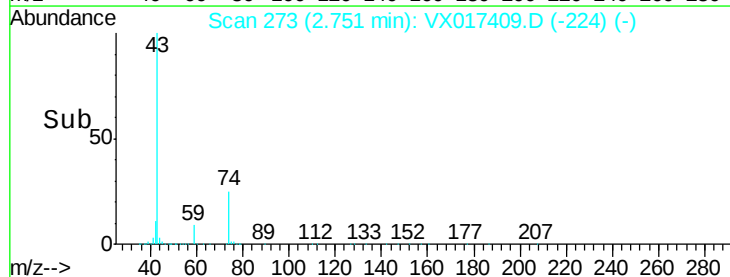
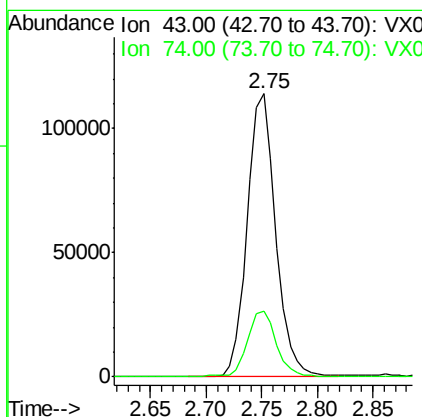
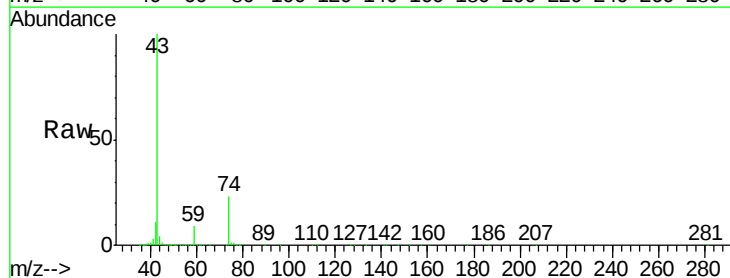
Manual Integrations
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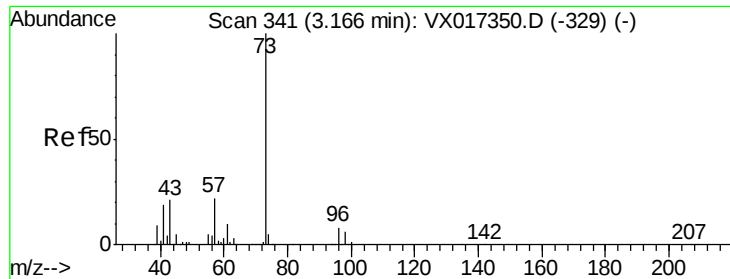
MMDadoda
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#18
Methyl Acetate
Concen: 59.148 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.2





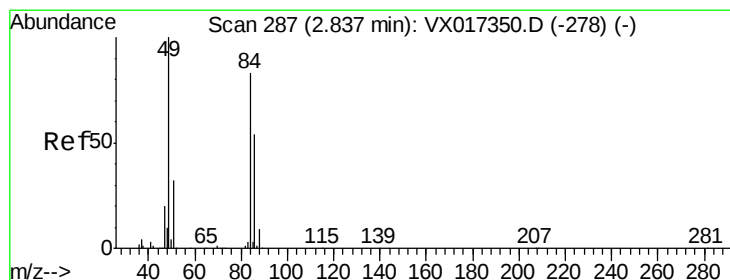
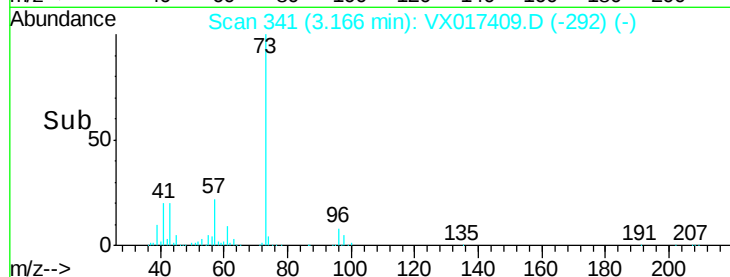
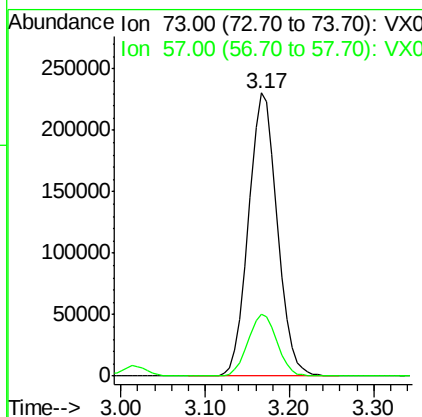
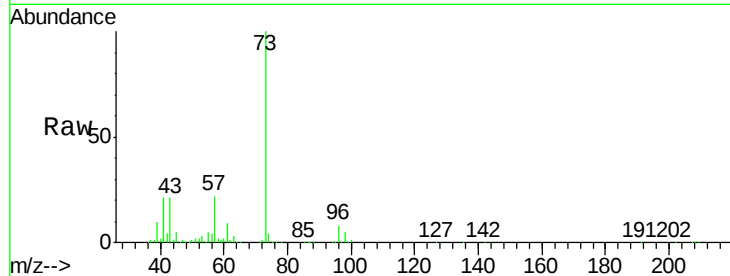
#19
Methvl tert-butvl Ether
Concen: 55.439 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.5	26.3

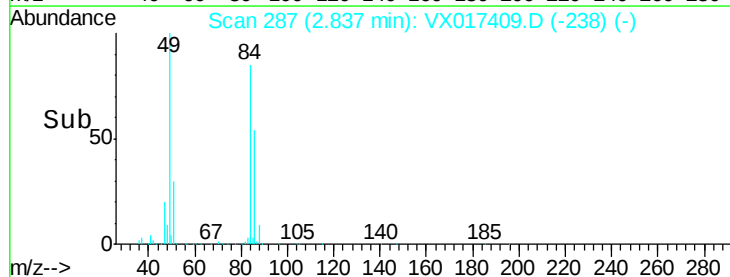
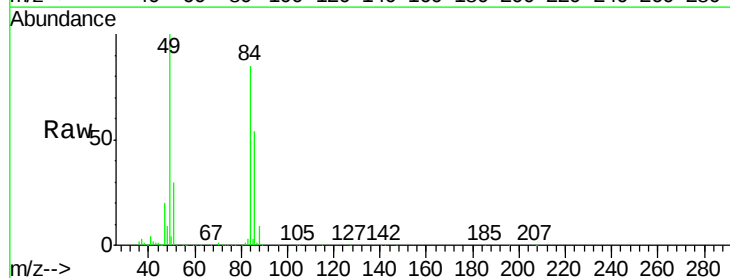
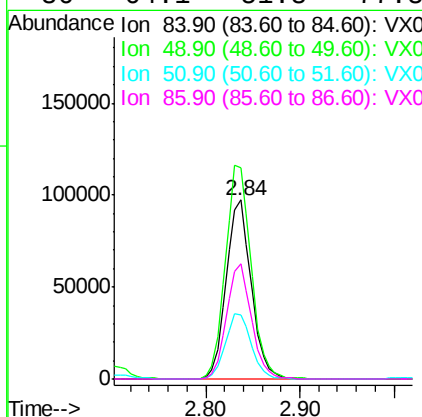
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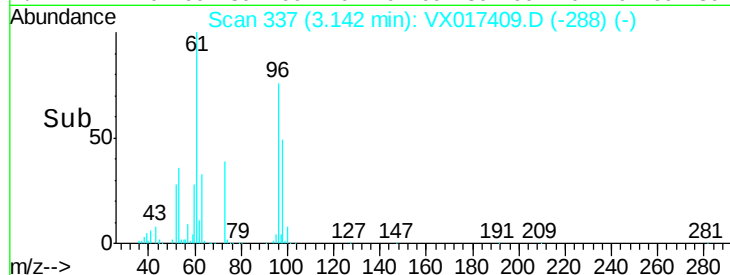
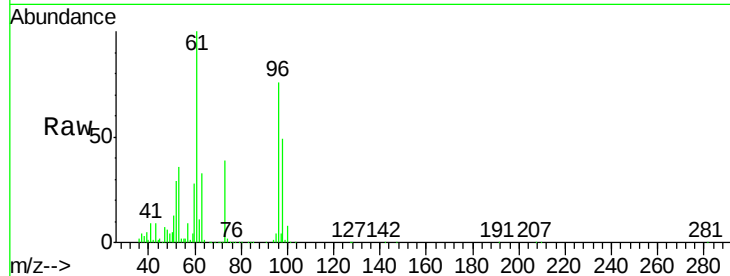
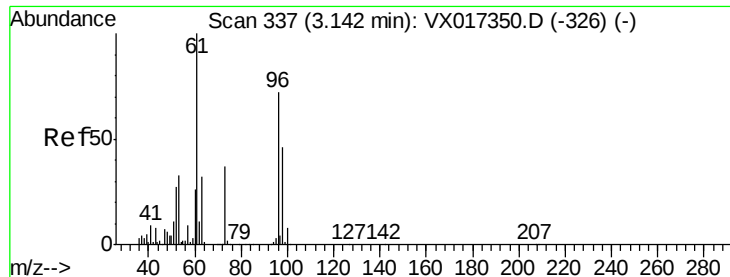
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#20
Methylene Chloride
Concen: 53.068 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	95.8	143.8
51	35.7	31.0	46.4
86	64.1	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 53.369 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017409.D

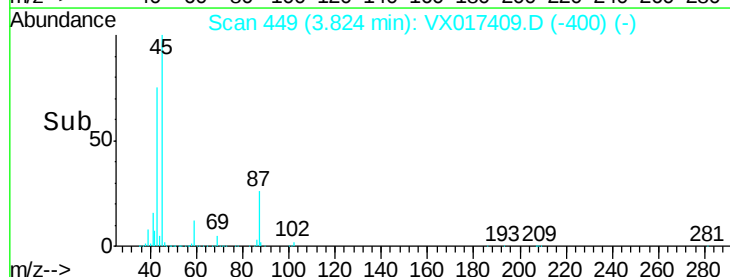
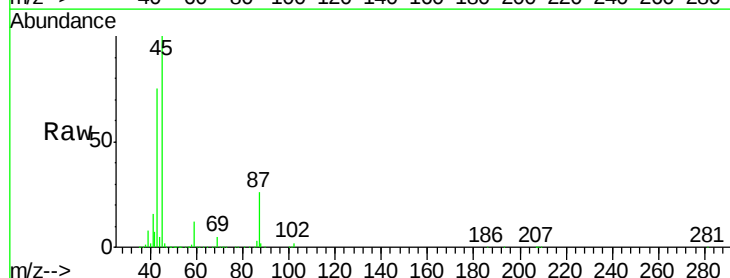
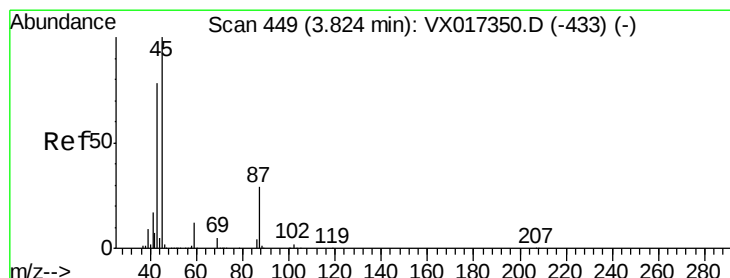
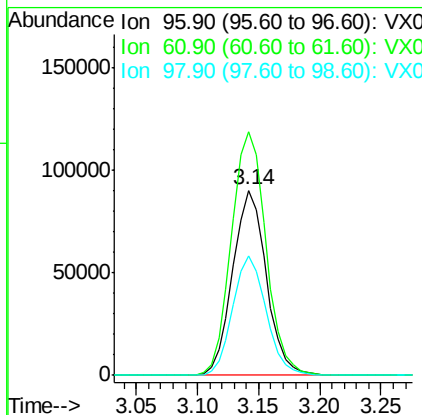
Acq: 16 Jul 2020 22:09

Tot Ion:	96	Resp:	172271
Ion	Ratio	Lower	Upper
96	100		
61	131.6	111.1	166.7
98	65.0	51.4	77.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.398 ug/l

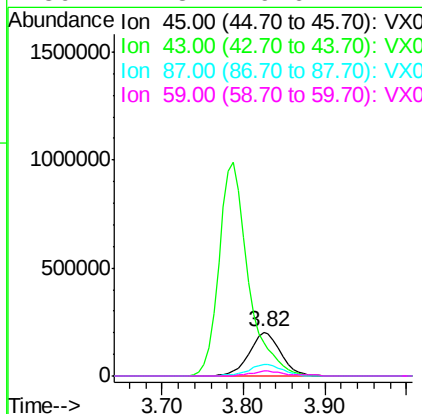
RT: 3.82 min Scan# 449

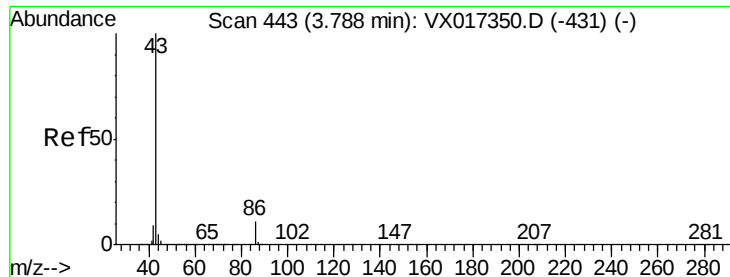
Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion:	45	Resp:	553117
Ion	Ratio	Lower	Upper
45	100		
43	75.1	62.2	93.2
87	26.5	23.0	34.6
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 301.347 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2467905

Ion Ratio Lower Upper

43 100

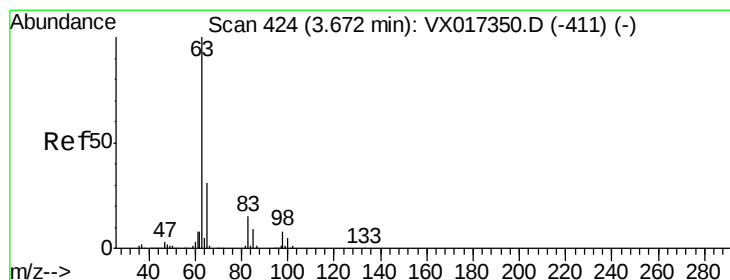
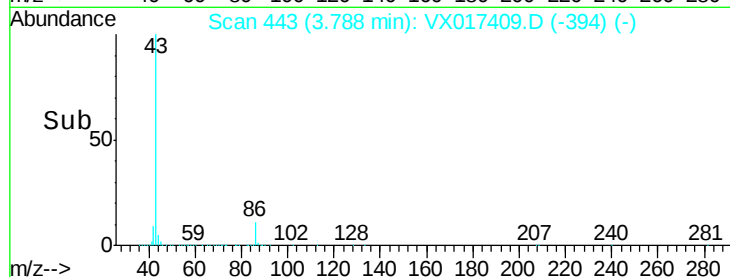
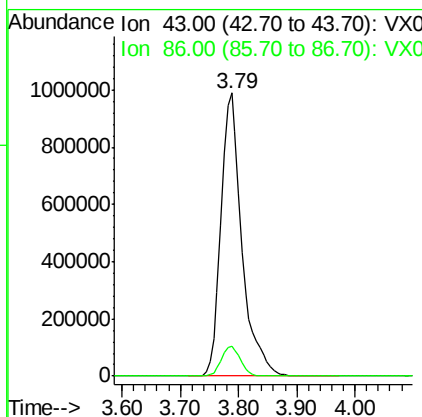
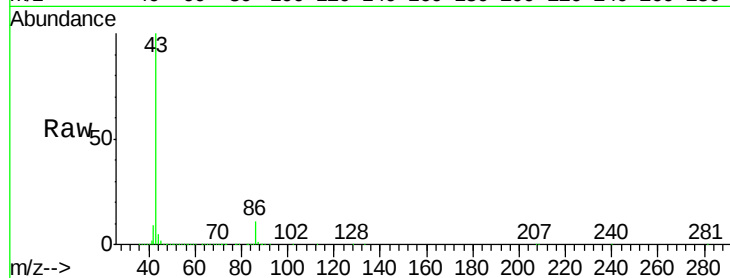
86 10.8 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.707 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

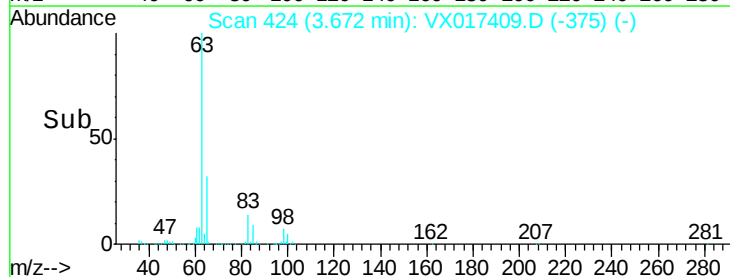
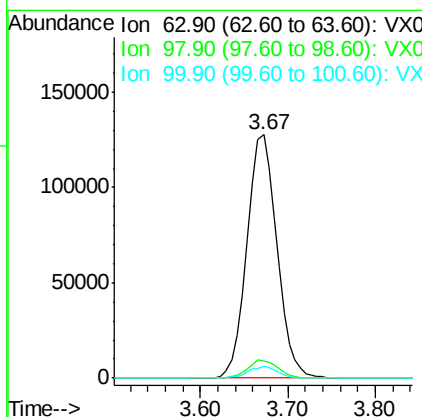
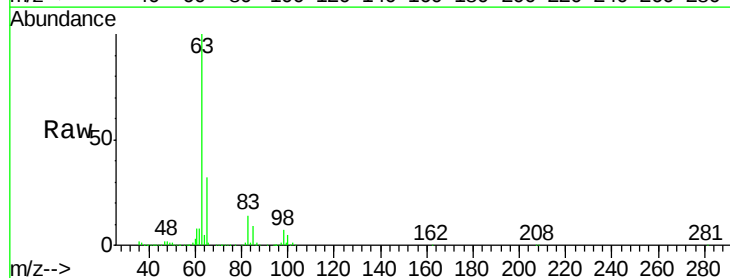
Tgt Ion: 63 Resp: 304862

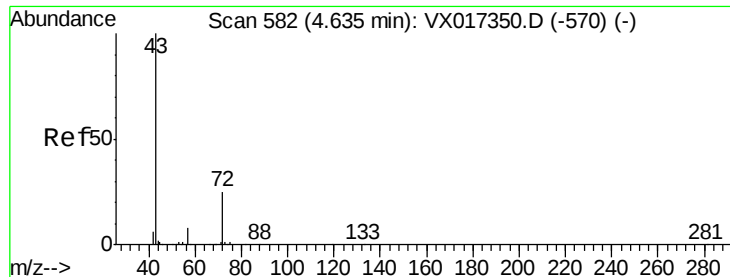
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 290.830 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 641216

Ion Ratio Lower Upper

43 100

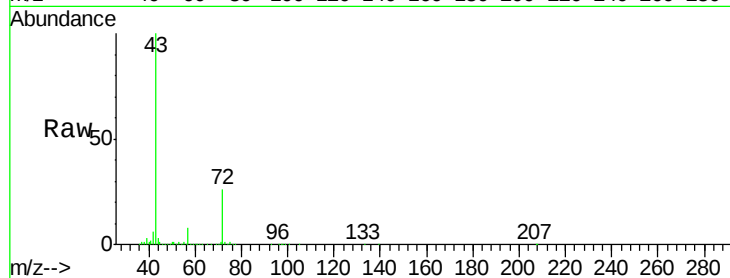
72 25.5 20.4 30.6

Manual Integrations

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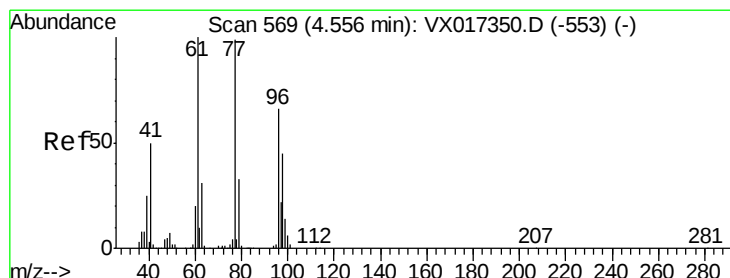
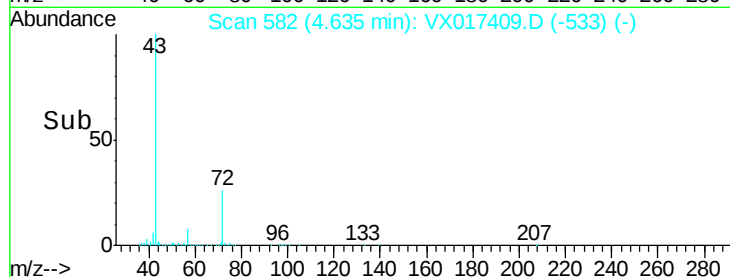
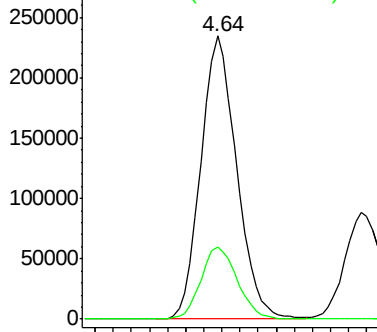
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.939 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017409.D

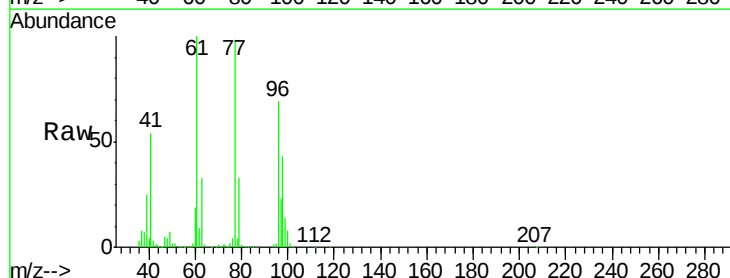
Acq: 16 Jul 2020 22:09

Tgt Ion: 77 Resp: 223790

Ion Ratio Lower Upper

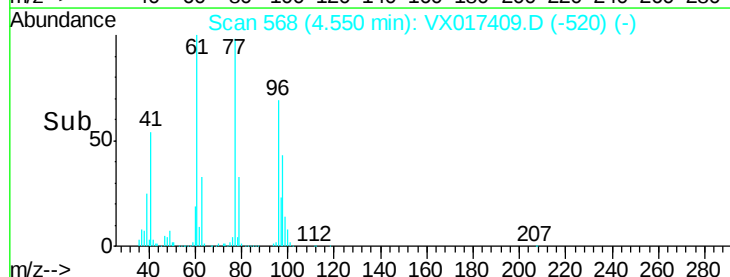
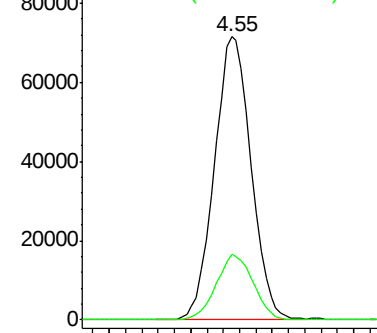
77 100

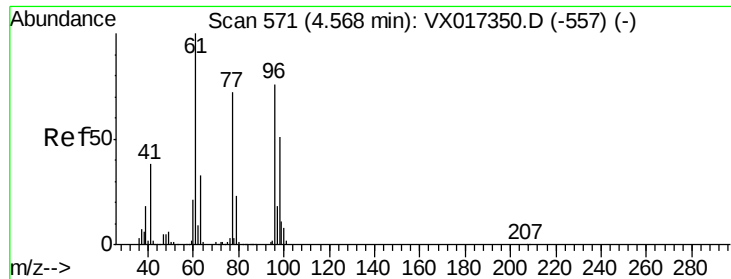
97 23.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

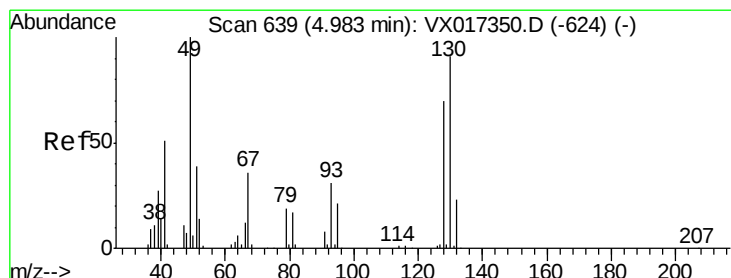
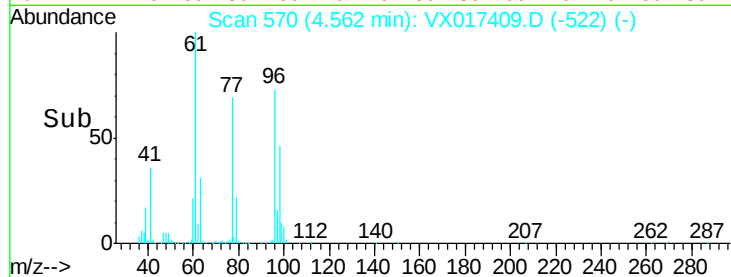
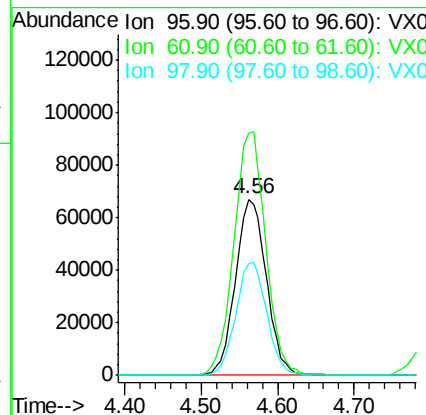
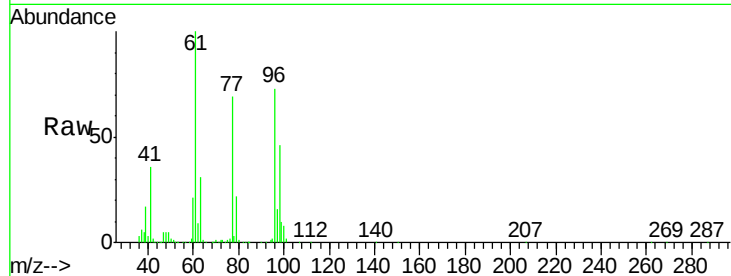
cis-1,2-Dichloroethene
 Concen: 53.015 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	281.2
98	64.6	0.0	131.4

Manual Integrations
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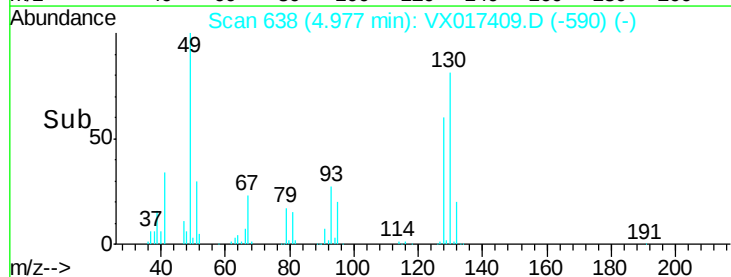
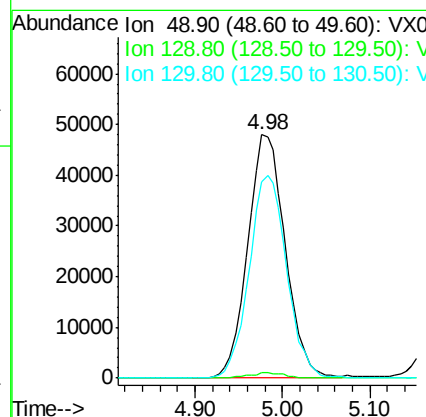
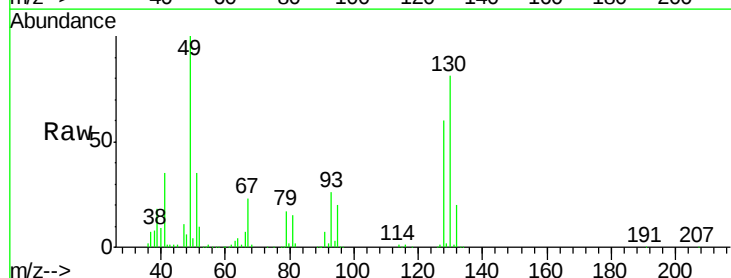
MMDadoda
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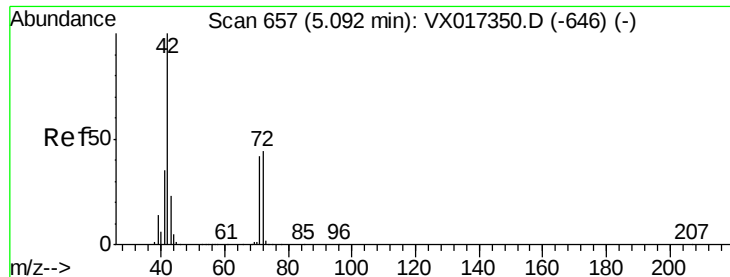


#28

Bromochloromethane
 Concen: 56.699 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	83.1	71.1	106.7





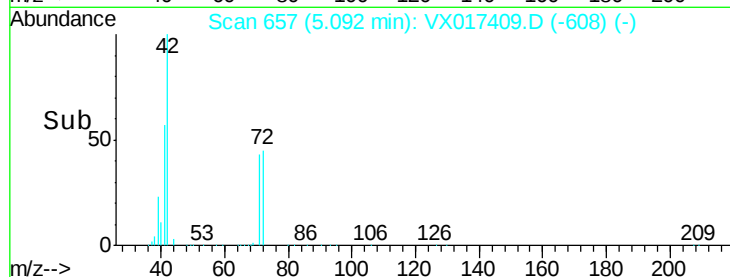
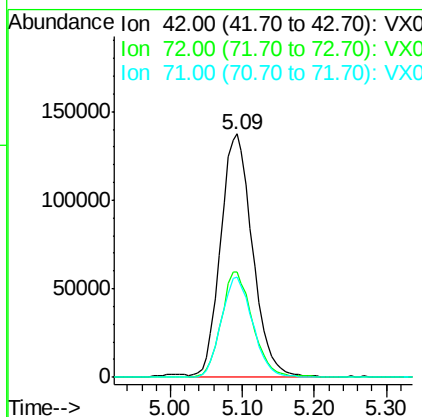
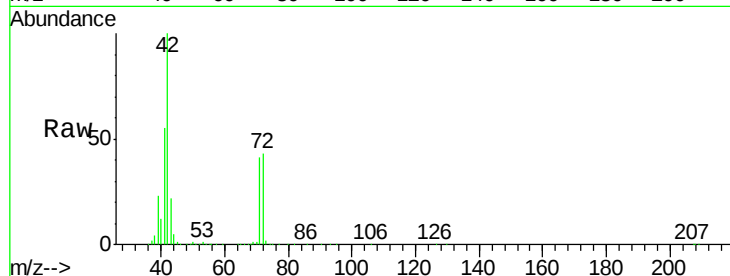
#29
Tetrahydrofuran
Concen: 294.440 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	37.2	55.8
71	40.8	34.4	51.6

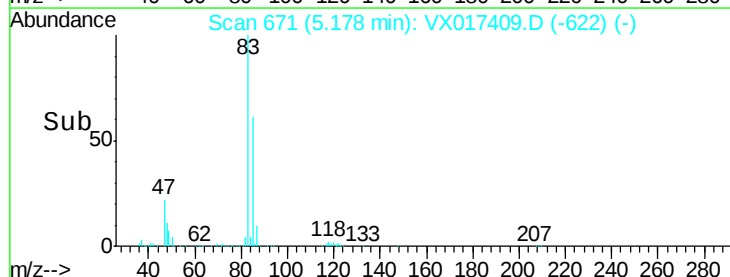
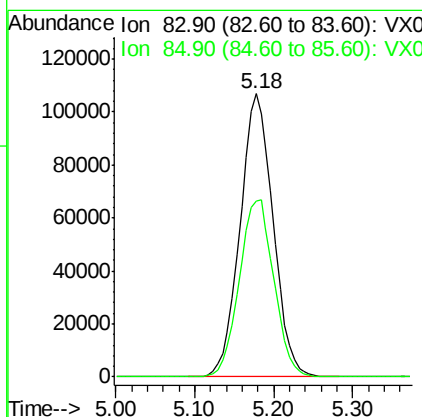
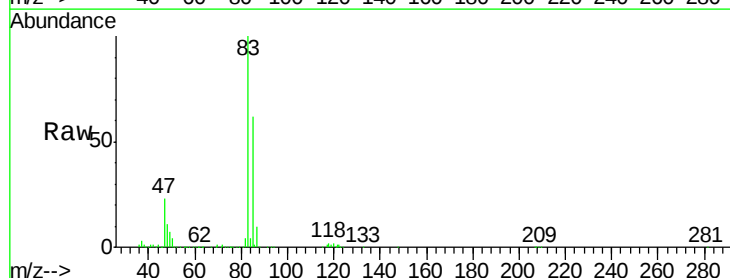
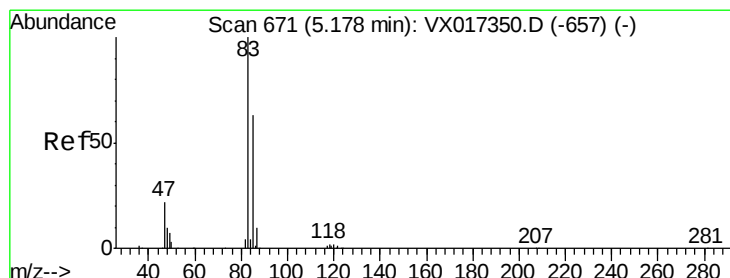
Manual Integrations
APPROVED

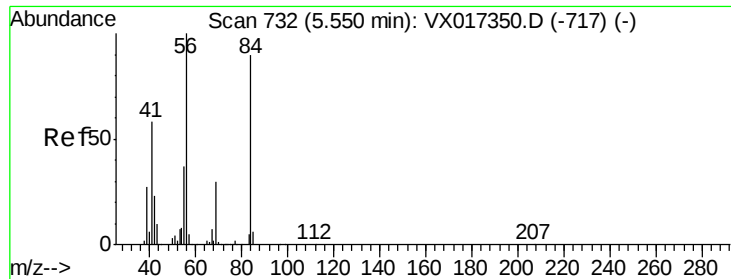
MMDadoda
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#30
Chloroform
Concen: 52.793 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.2	75.4





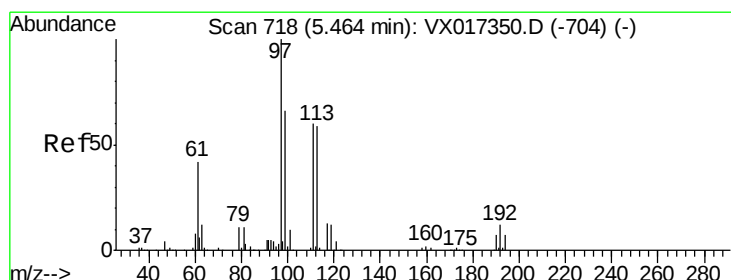
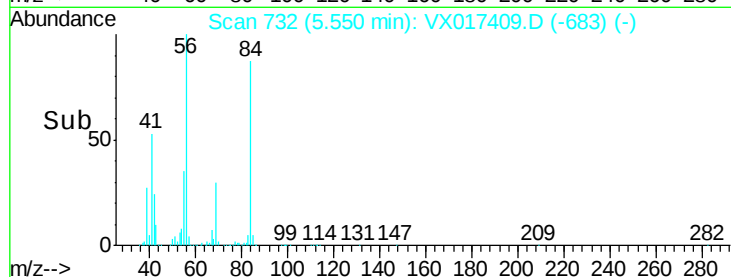
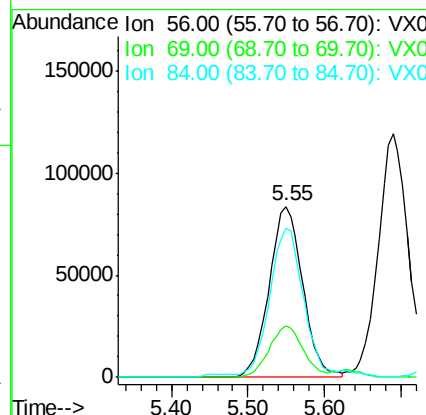
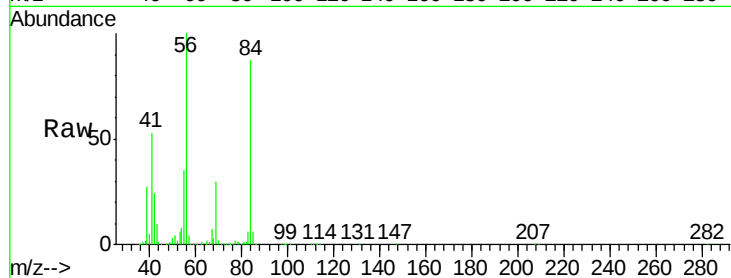
#31
Cyclohexane
Concen: 56.919 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.7	35.5
84	86.8	71.8	107.6

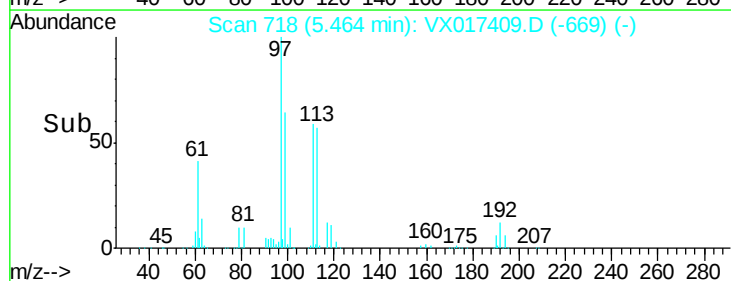
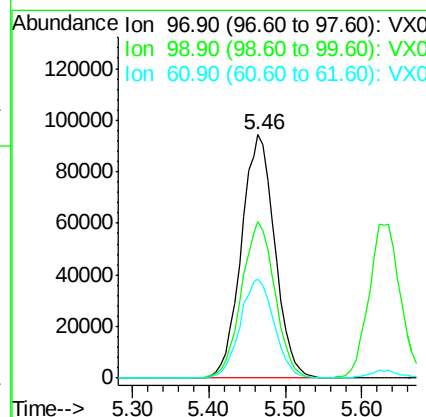
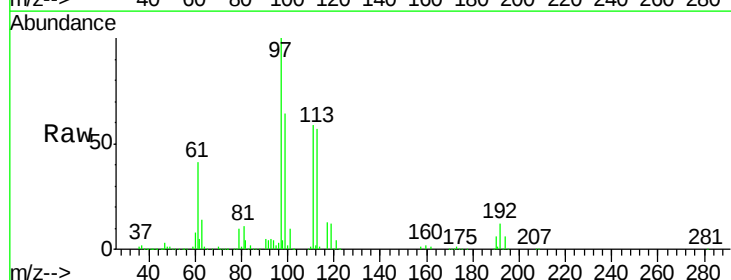
Manual Integrations
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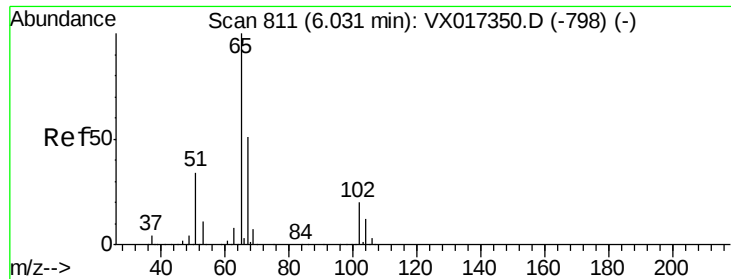
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#32
1,1,1-Trichloroethane
Concen: 52.518 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	41.5	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 48.849 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 190073

Ion Ratio Lower Upper

65 100

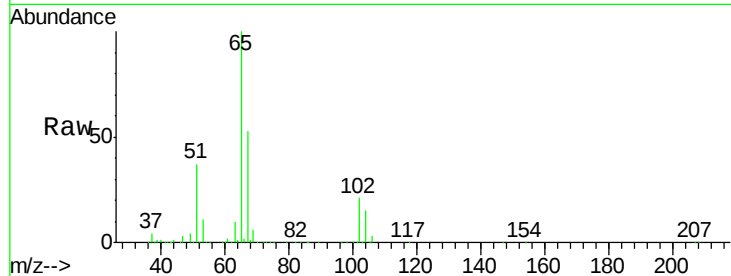
67 52.7 0.0 101.6

Manual Integrations

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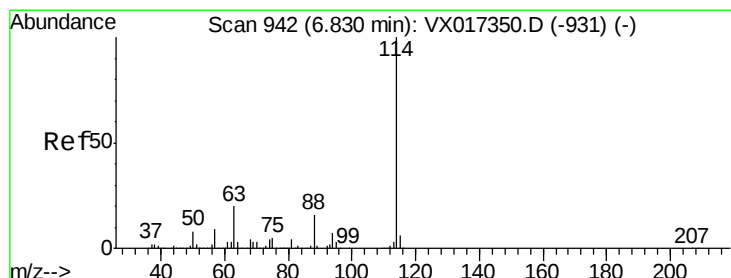
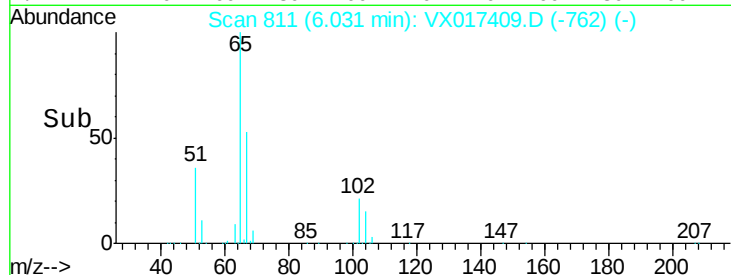
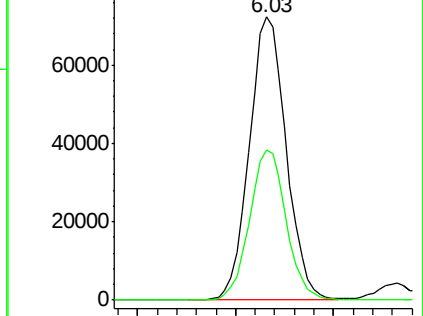
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

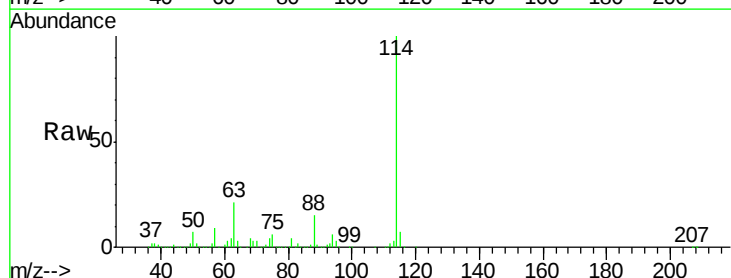
Tgt Ion: 114 Resp: 491661

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

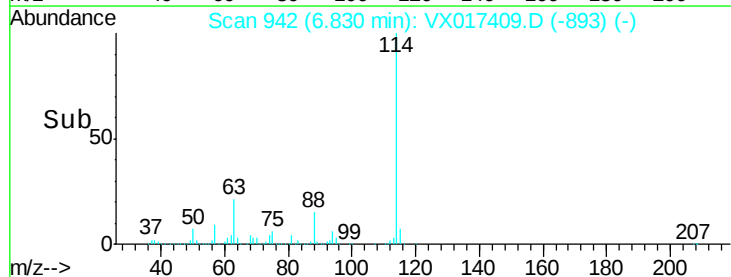
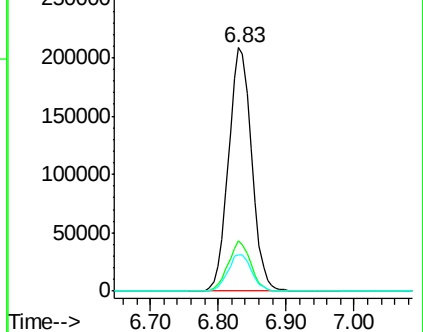
88 15.1 0.0 32.8

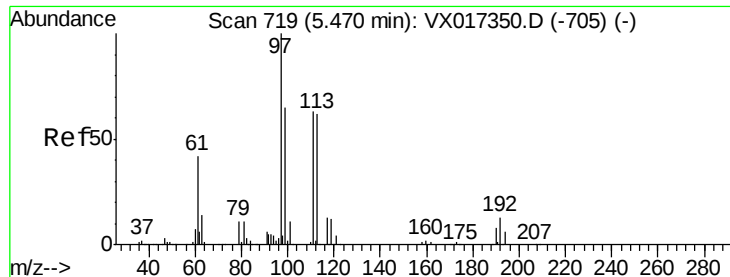


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.994 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

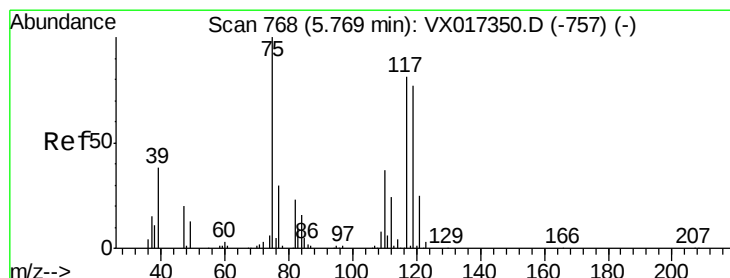
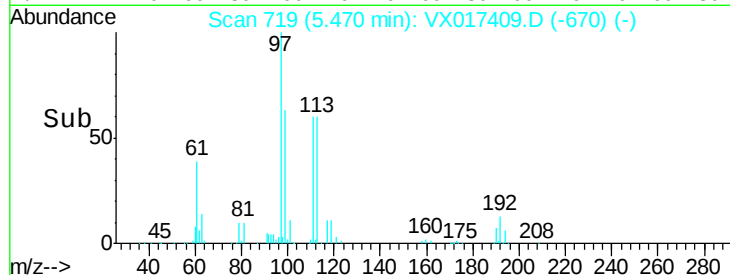
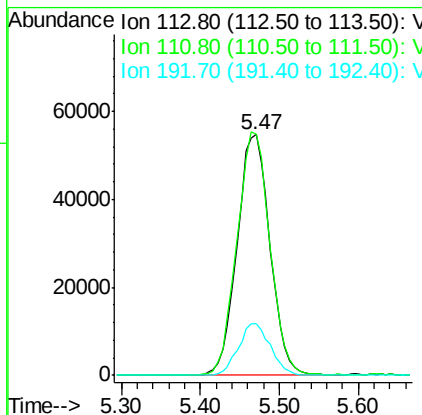
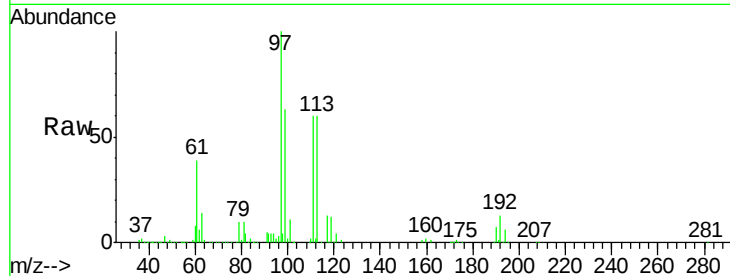
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	158951
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.4	123.6
192	21.0	17.2	25.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.922 ug/l

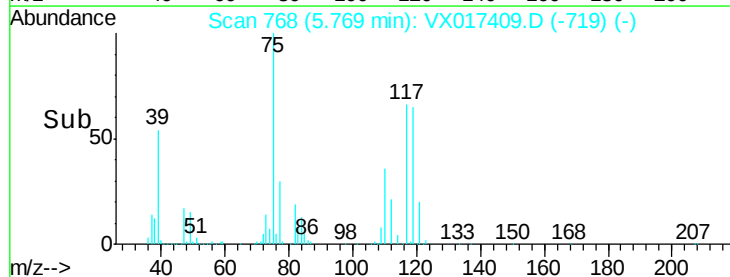
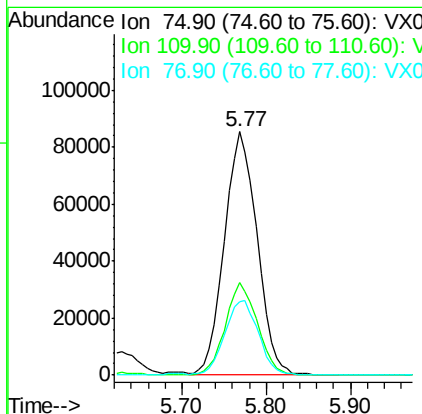
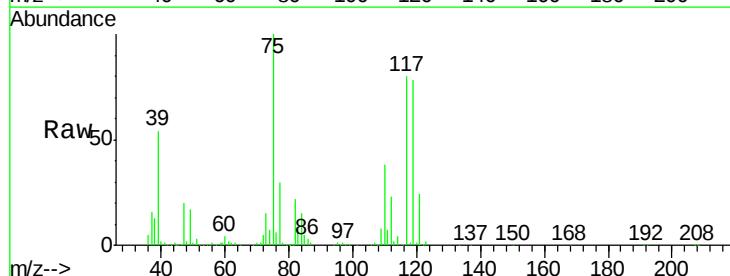
RT: 5.77 min Scan# 768

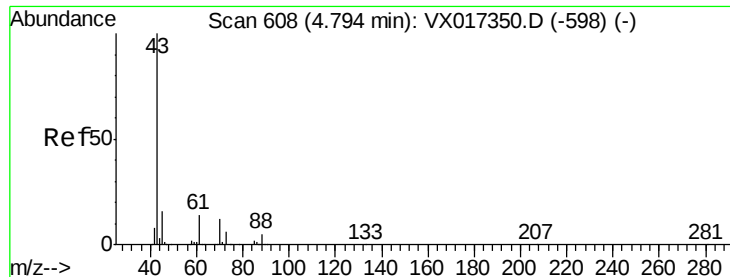
Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion:	75	Resp:	225765
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.6	55.8
77	31.6	24.9	37.3





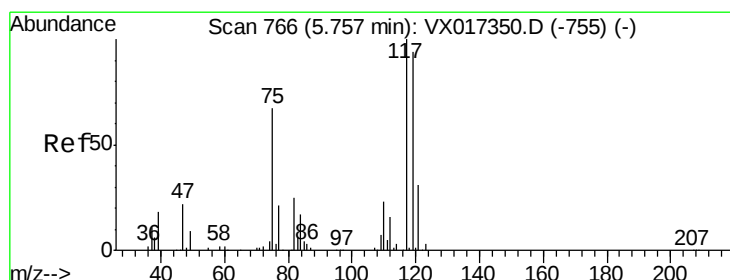
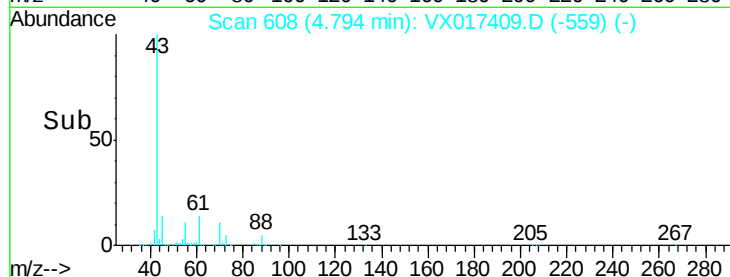
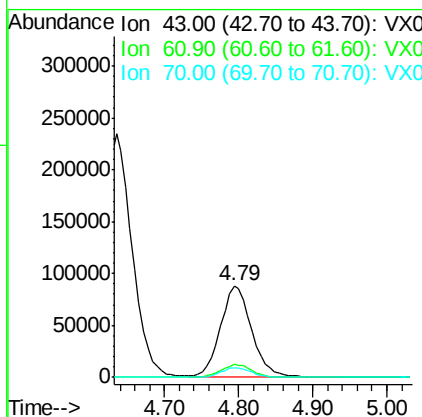
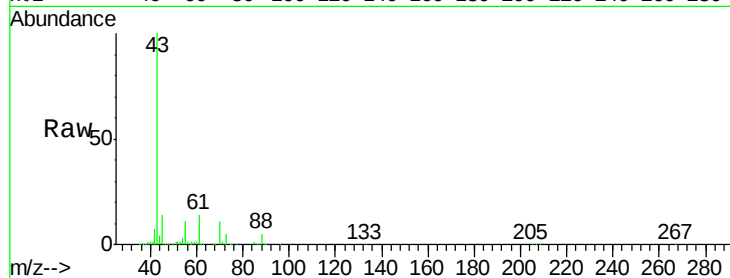
#37
Ethyl Acetate
Concen: 54.331 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.6	9.0	13.6

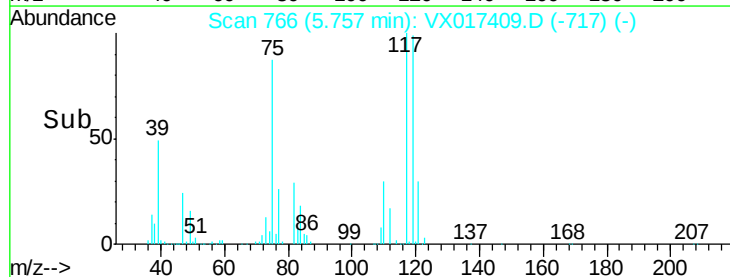
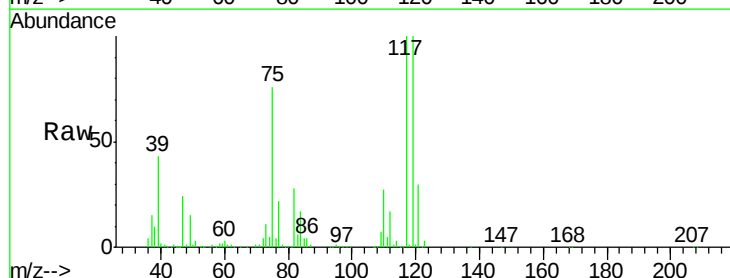
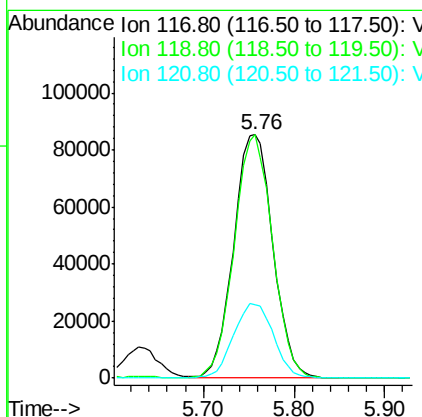
Manual Integrations
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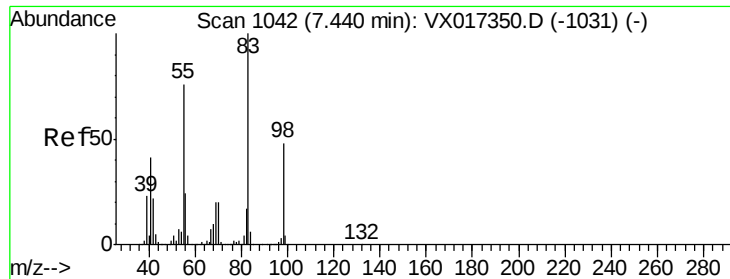
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7/17/2020 4:44:19 PM



#38
Carbon Tetrachloride
Concen: 48.408 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	74.7	112.1
121	30.4	24.5	36.7





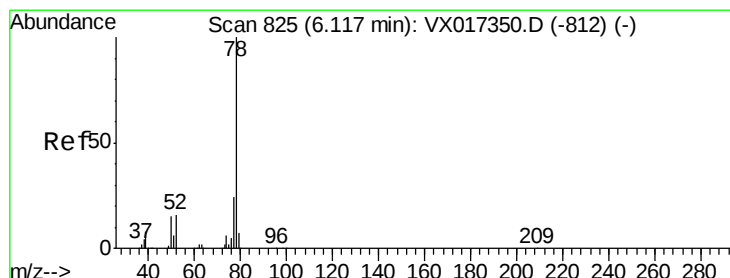
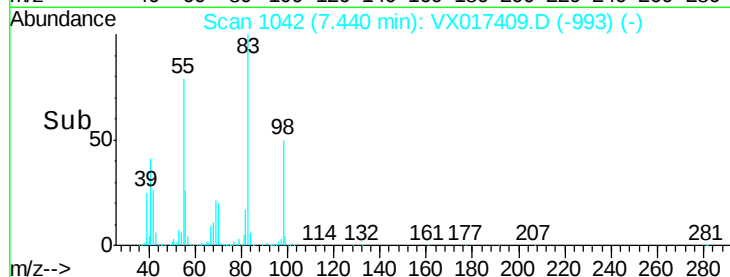
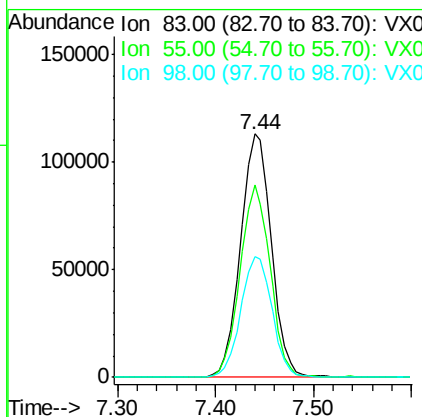
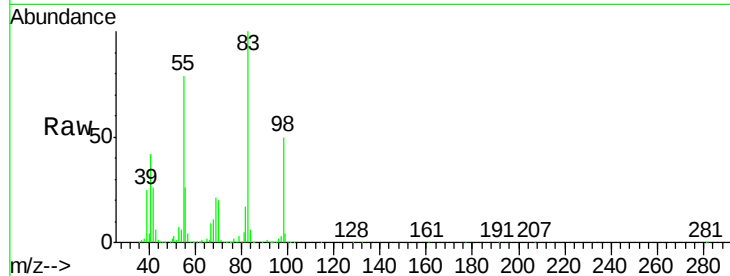
#39
Methylvlcvclohexane
Concen: 50.307 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.2	91.8
98	49.8	38.1	57.1

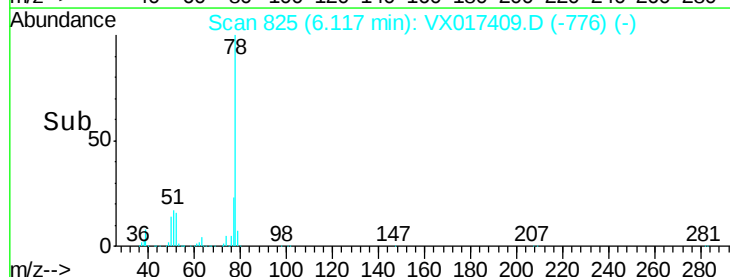
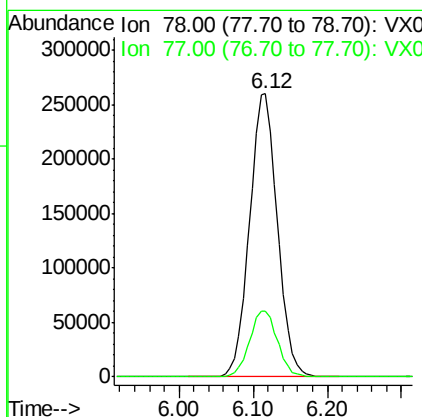
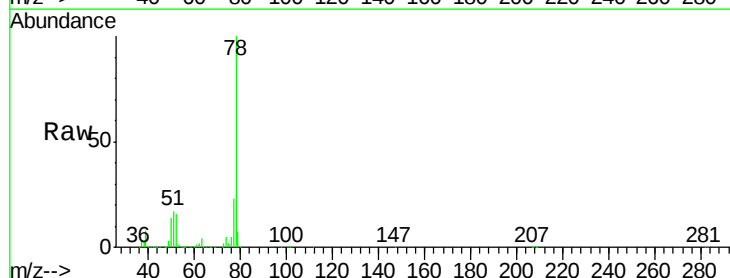
Manual Integrations
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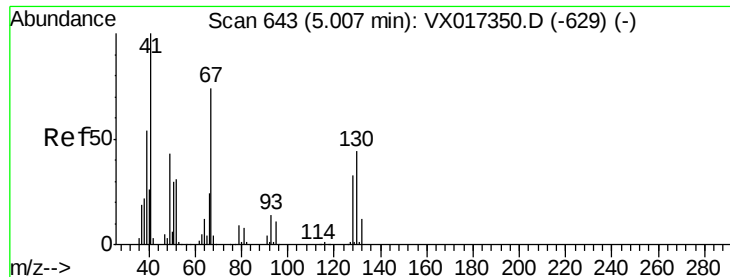
MMDadoda
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#40
Benzene
Concen: 52.381 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





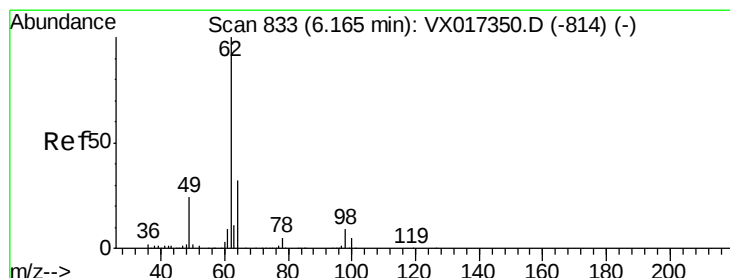
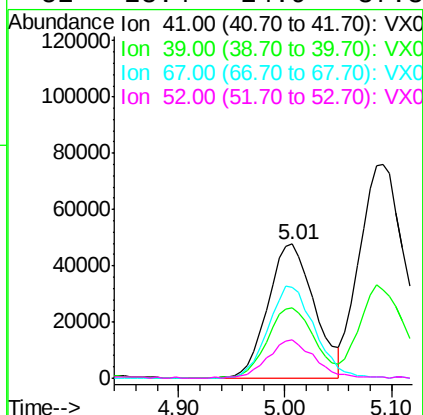
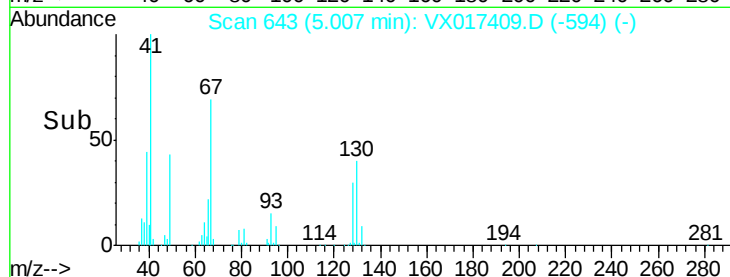
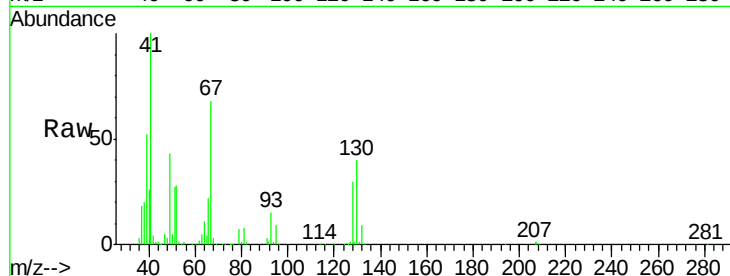
#41
Methacrylonitrile
Concen: 57.471 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		144296		
39	53.3	43.8	65.8		
67	69.2	58.7	88.1		
52	28.4	24.9	37.3		

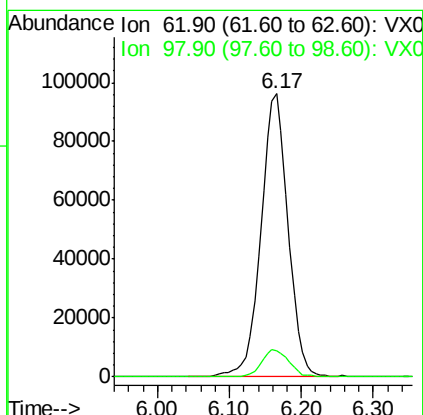
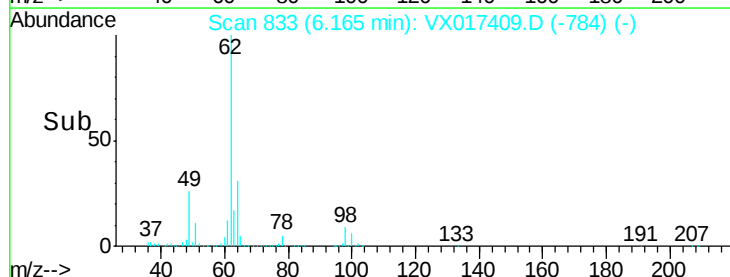
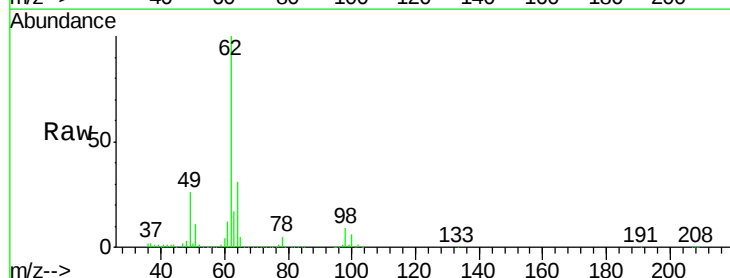
Manual Integrations
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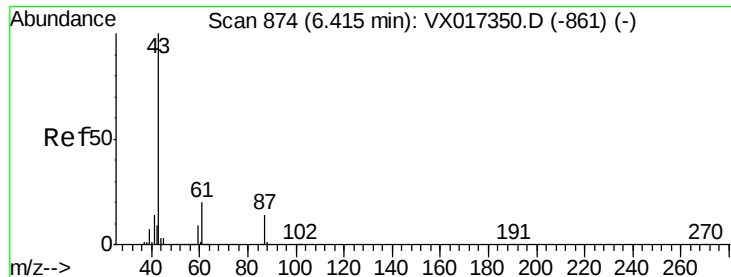
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#42
1,2-Dichloroethane
Concen: 49.514 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		250025		
98	9.7	0.0	19.4		





#43

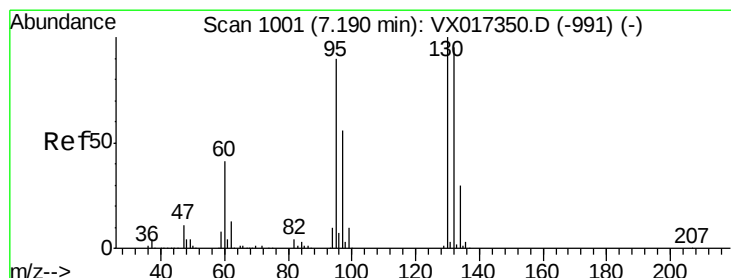
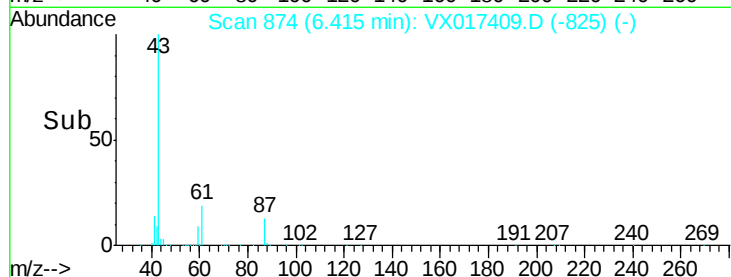
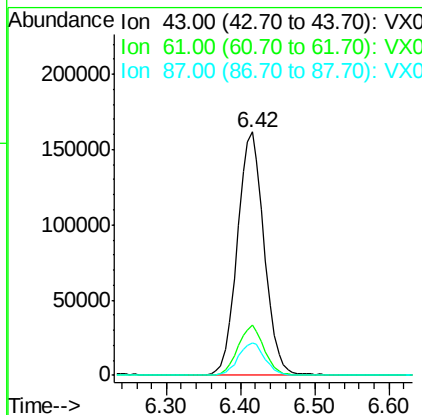
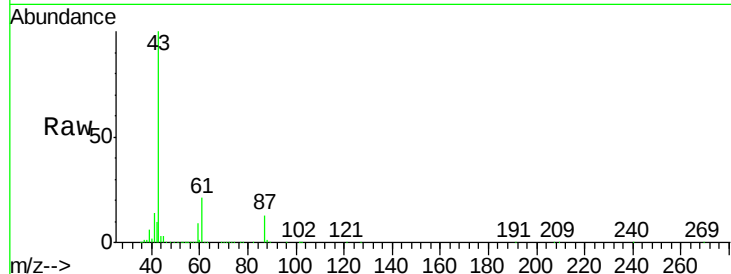
Isopropyl Acetate
 Concen: 54.245 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.4	24.6
87	13.3	11.2	16.8

Manual Integrations
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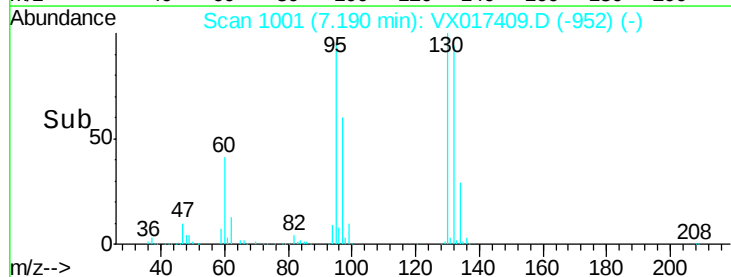
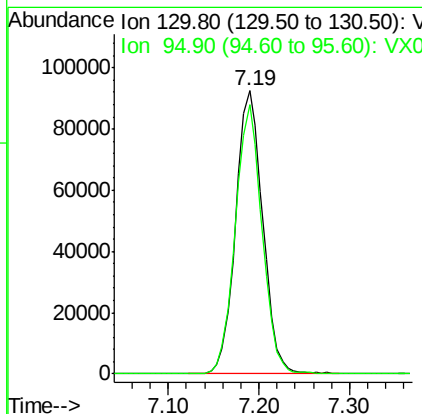
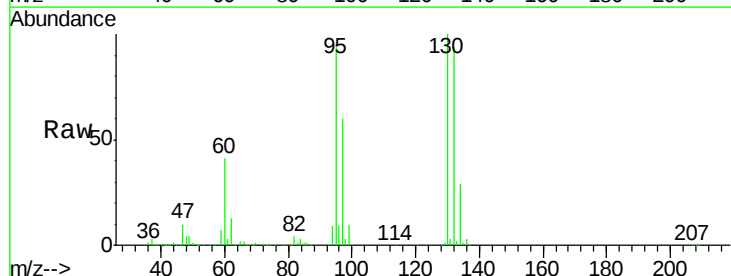
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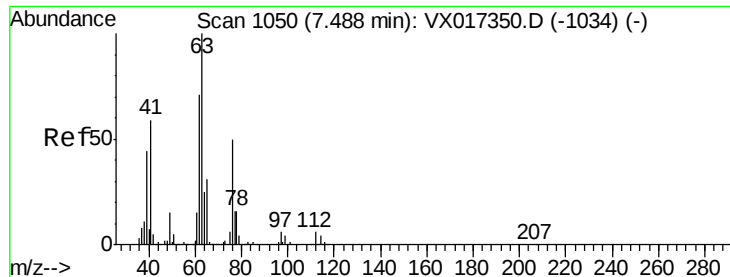


#44

Trichloroethene
 Concen: 48.529 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	180.2





#45

1,2-Dichloropropane

Concen: 54.088 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 179871

Ion Ratio Lower Upper

63 100

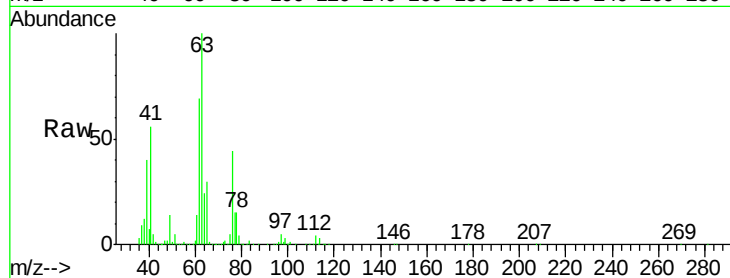
65 30.1 24.5 36.7

Manual Integrations

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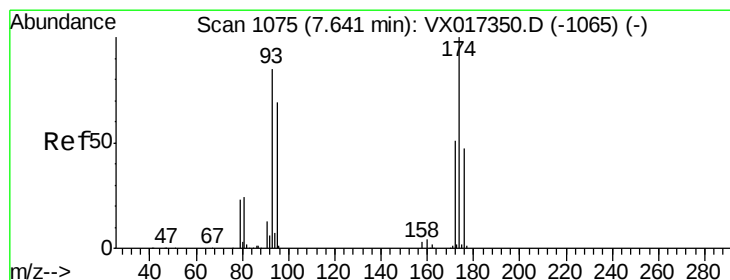
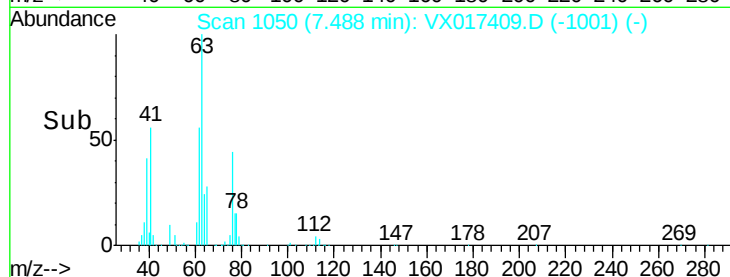
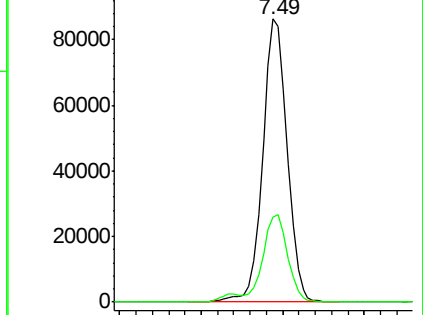
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.351 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

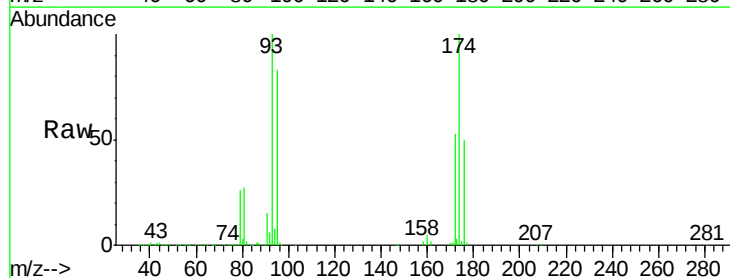
Tgt Ion: 93 Resp: 123162

Ion Ratio Lower Upper

93 100

95 83.3 65.4 98.2

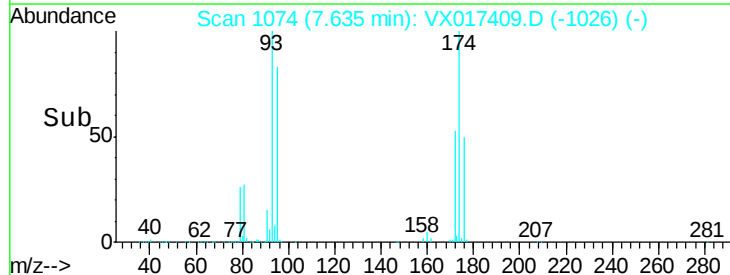
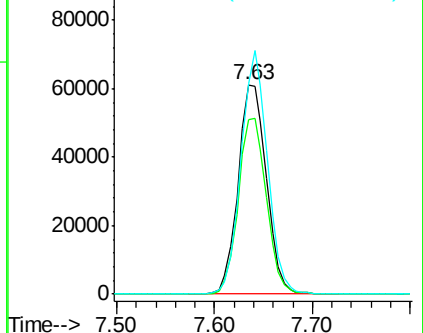
174 108.2 91.2 136.8

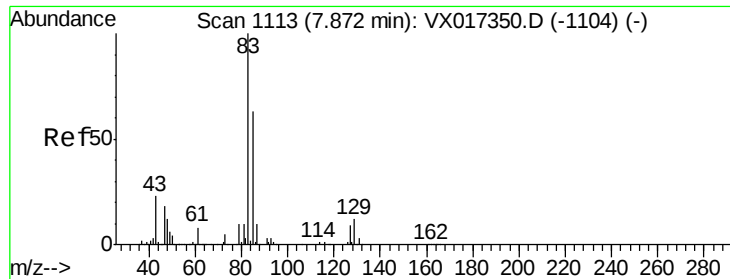


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.010 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

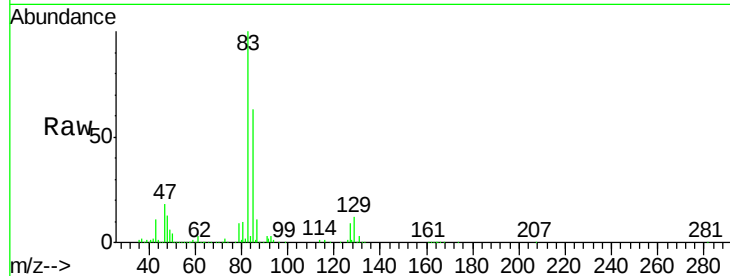
ClientSampleId :

VSTDCCC050EC

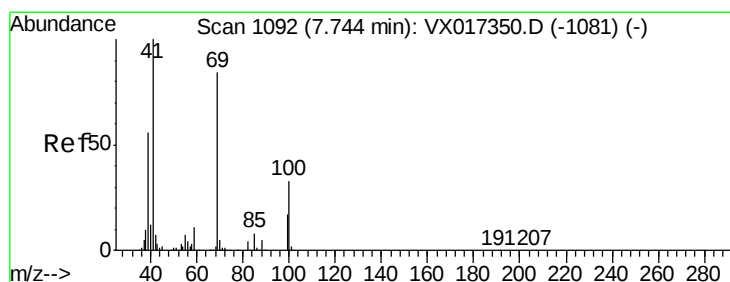
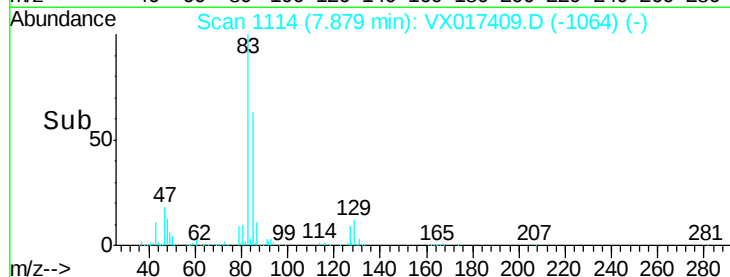
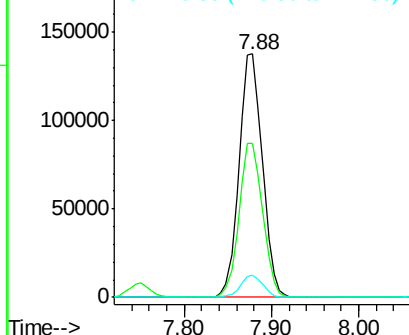
Tot Ion:	83	Resp:	255780
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.2	75.4
127	8.9	7.1	10.7

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.558 ug/l

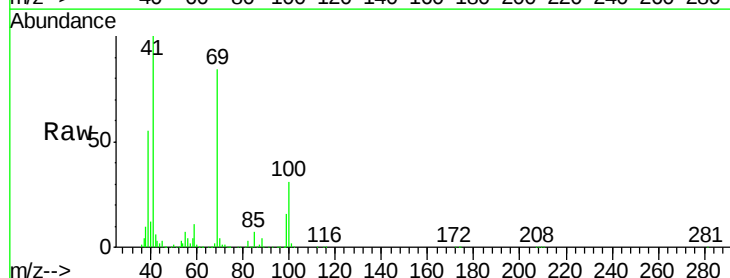
RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

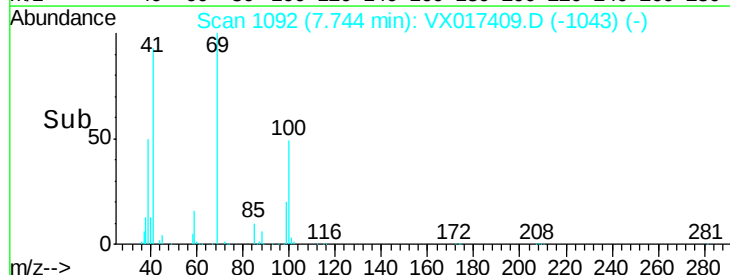
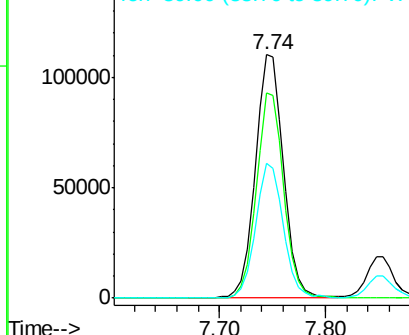
Lab File: VX017409.D

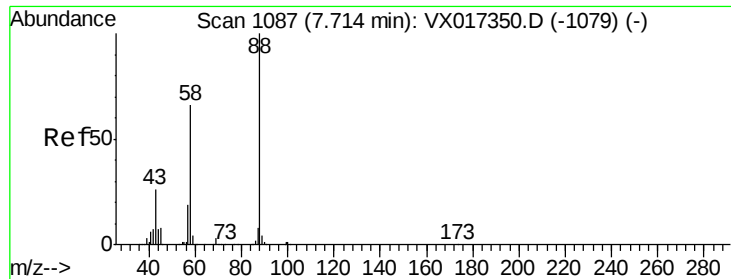
Acq: 16 Jul 2020 22:09

Tgt Ion:	41	Resp:	202830
Ion Ratio	Lower	Upper	
41	100		
69	82.5	67.8	101.6
39	54.3	45.1	67.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1018.389 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

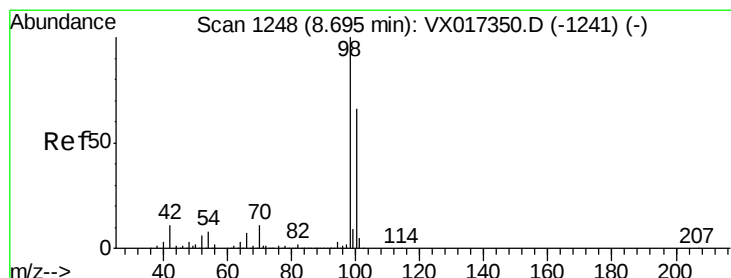
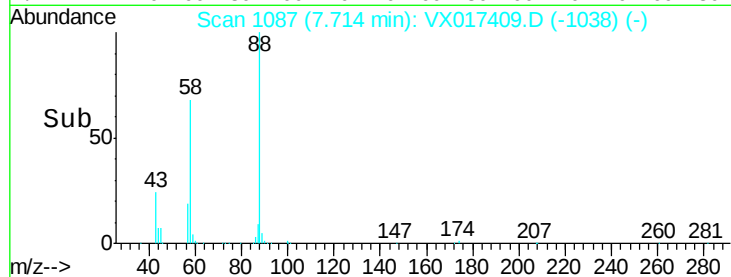
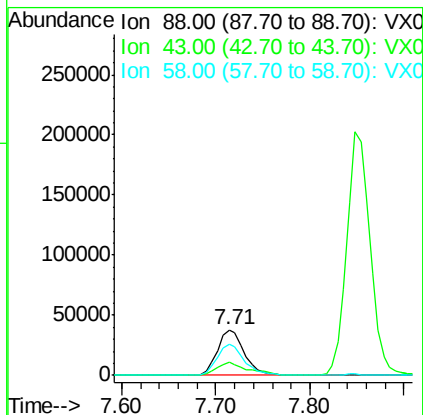
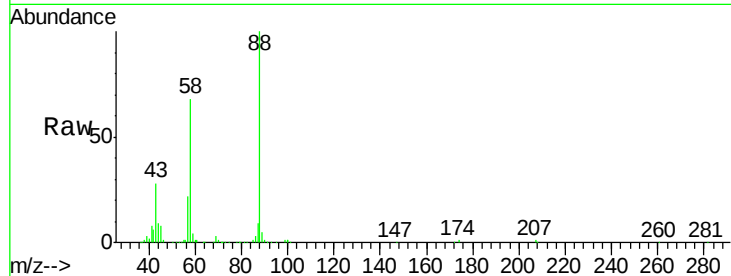
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	74739
Ion	Ratio	Lower	Upper
88	100		
43	33.8	25.6	38.4
58	70.3	53.9	80.9

Manual Integrations
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#50

Toluene-d8

Concen: 48.060 ug/l

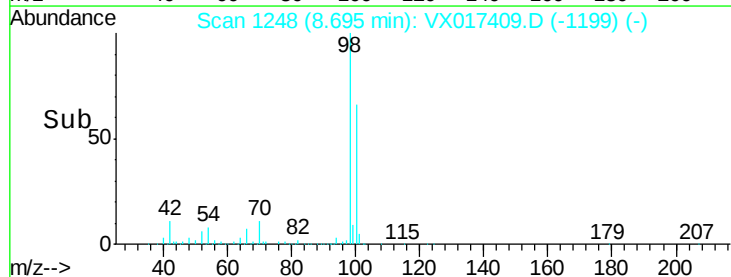
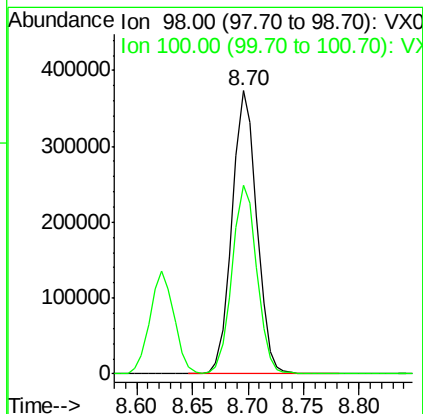
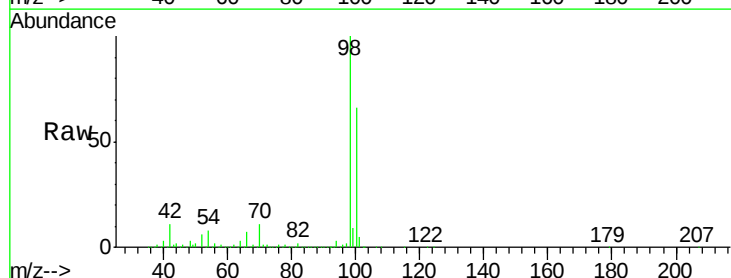
RT: 8.70 min Scan# 1248

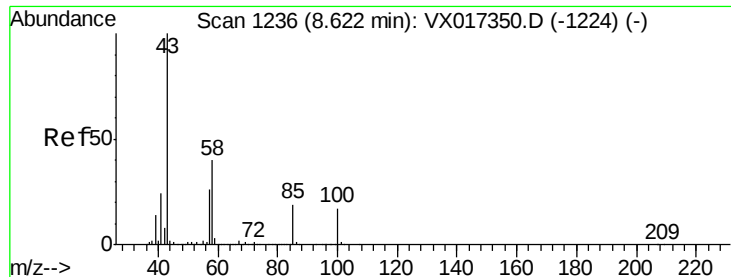
Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion:	98	Resp:	574146
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 280.559 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1278454

Ion Ratio Lower Upper

43 100

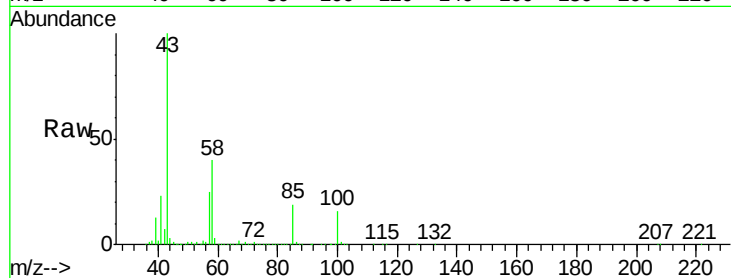
58 39.0 32.2 48.2

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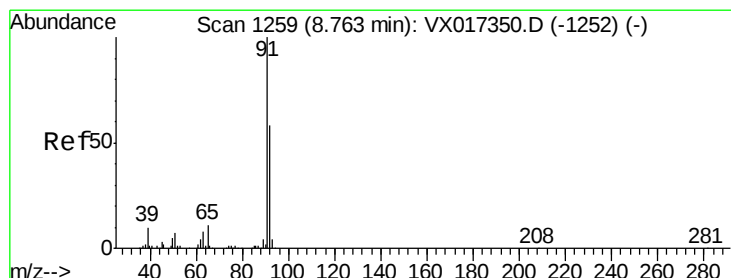
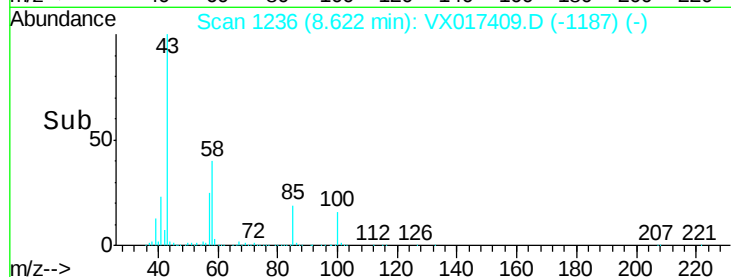
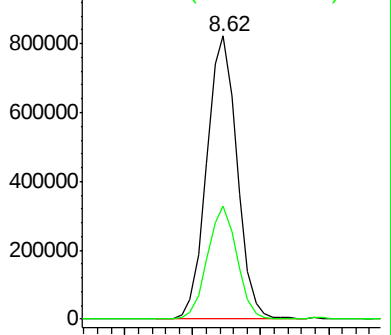
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.211 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017409.D

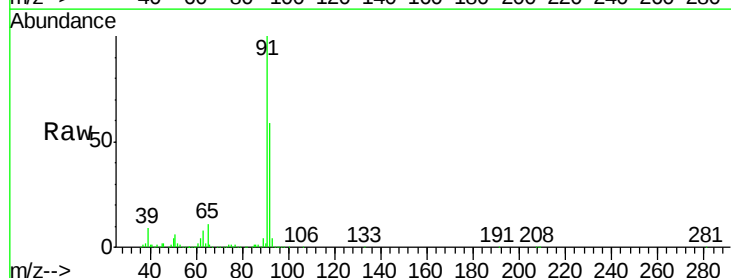
Acq: 16 Jul 2020 22:09

Tgt Ion: 92 Resp: 435454

Ion Ratio Lower Upper

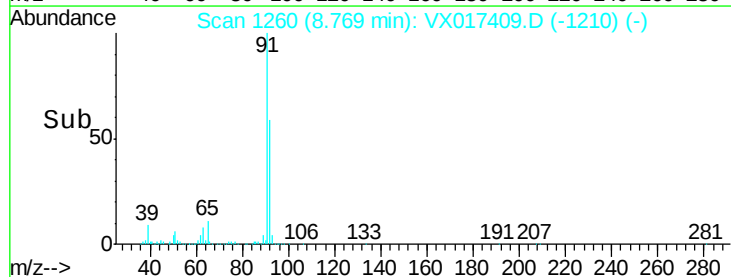
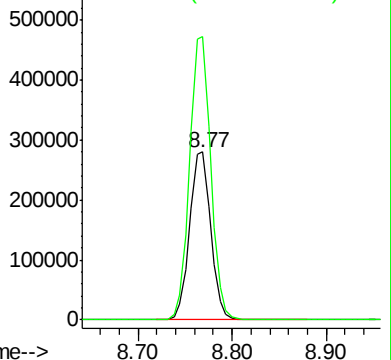
92 100

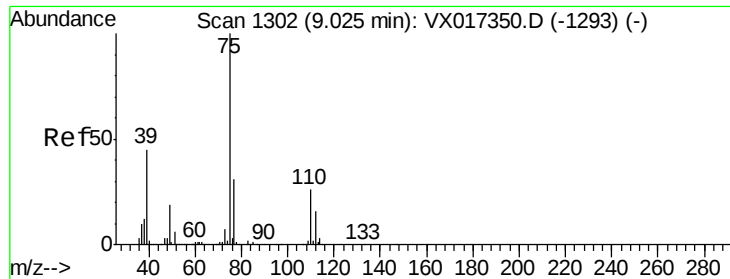
91 168.8 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





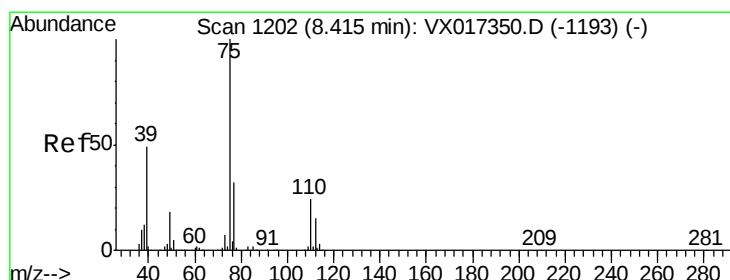
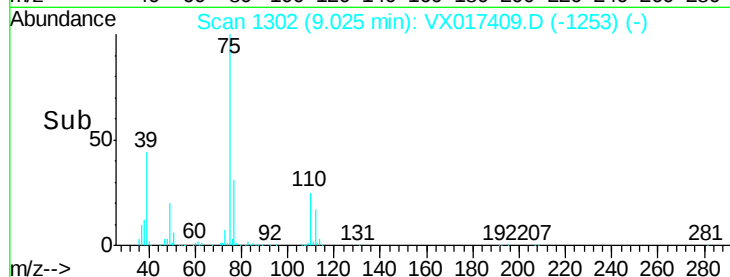
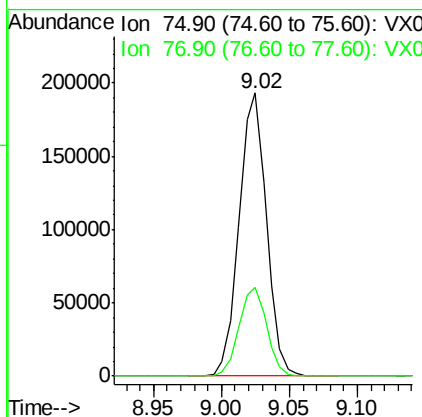
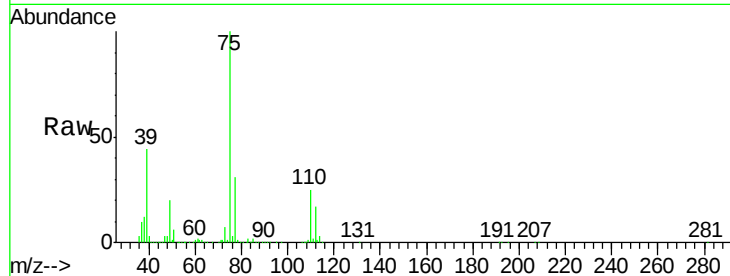
#53
t-1,3-Dichloropropene
Concen: 50.162 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 270973
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6

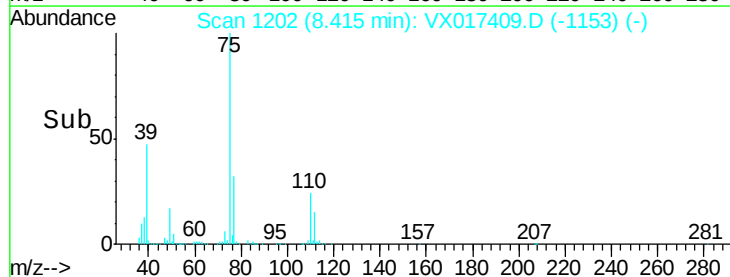
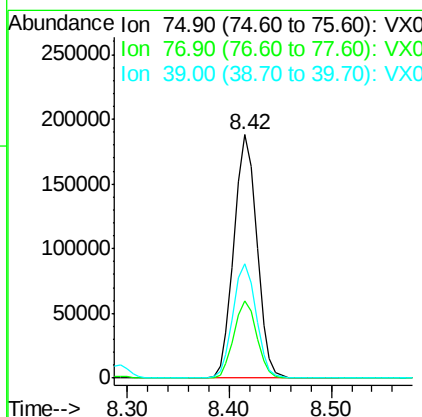
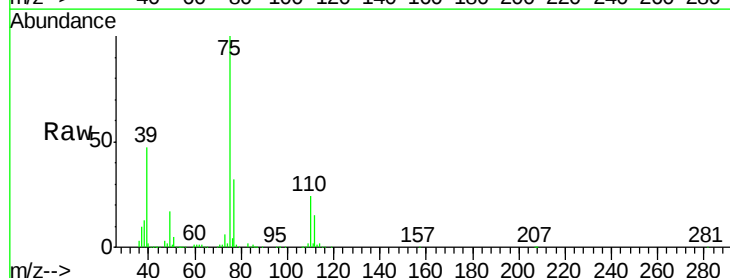
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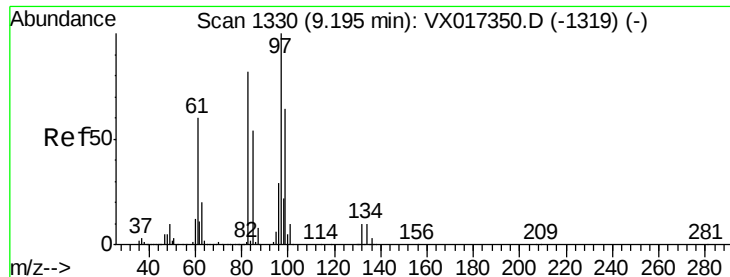
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#54
cis-1,3-Dichloropropene
Concen: 50.809 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion: 75 Resp: 292741
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 47.0 38.9 58.3





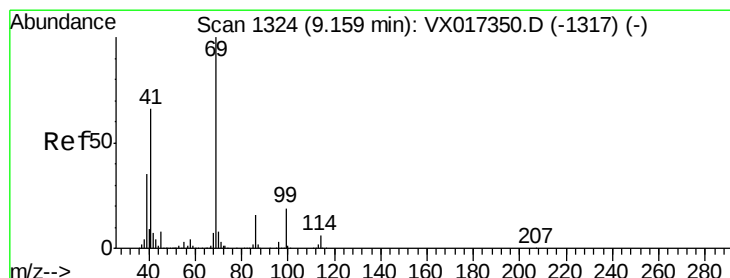
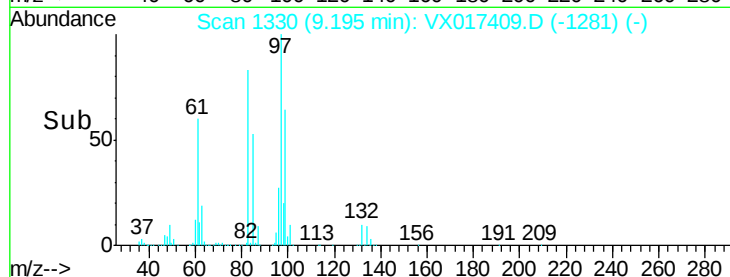
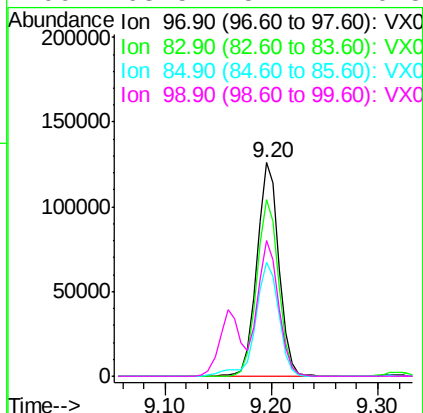
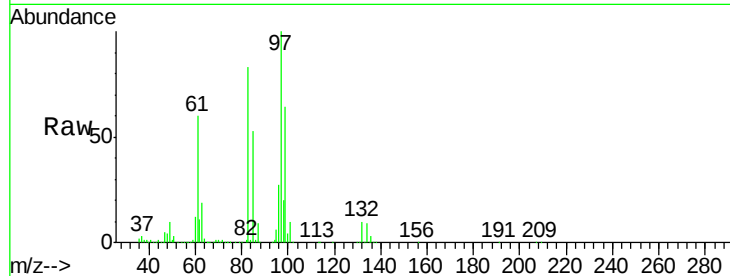
#55
 1,1,2-Trichloroethane
 Concen: 52.622 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		183011		
83	82.6	65.8	98.6		
85	53.2	42.8	64.2		
99	63.5	51.2	76.8		

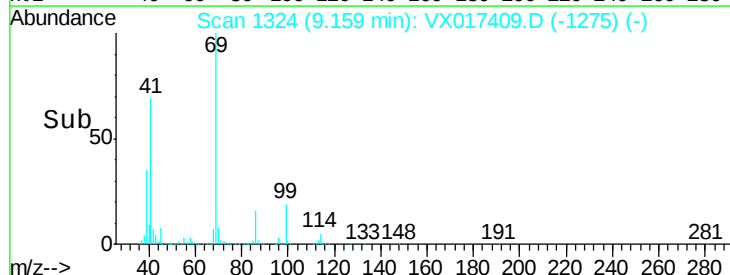
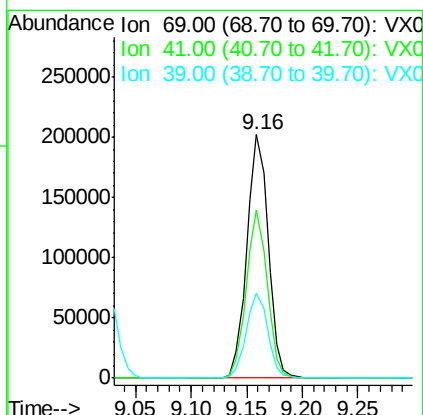
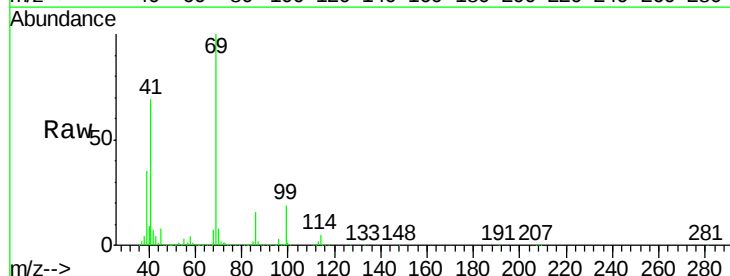
Manual Integrations
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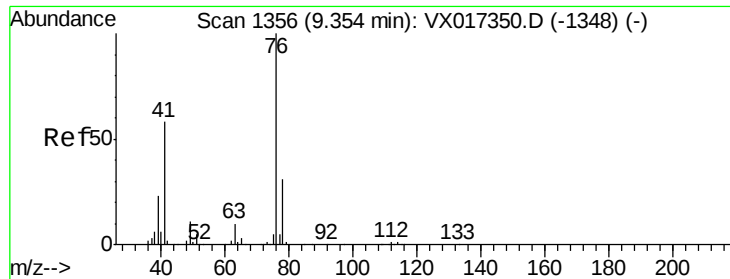
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#56
 Ethyl methacrylate
 Concen: 54.812 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		270640		
41	67.6	52.6	78.8		
39	35.3	28.8	43.2		





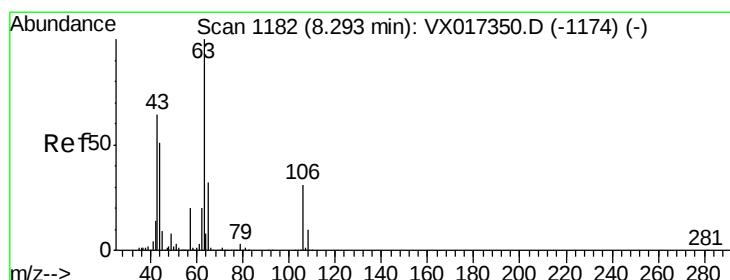
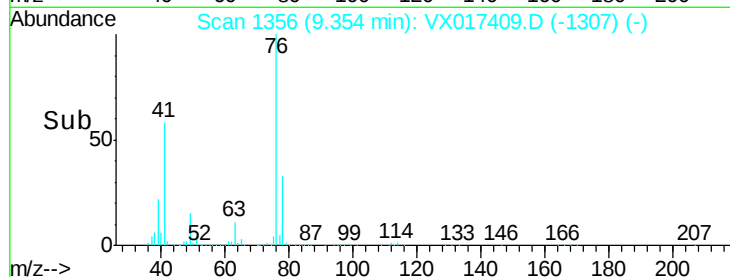
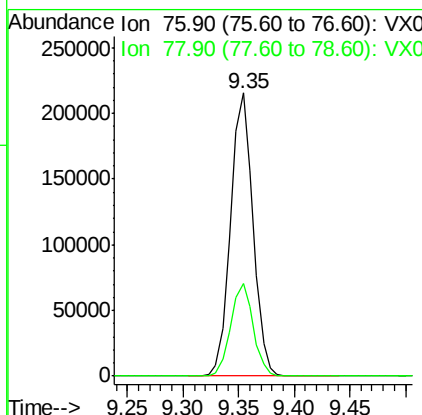
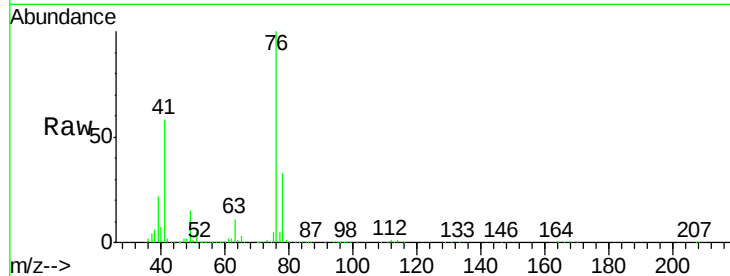
#57
 1,3-Dichloropropane
 Concen: 51.900 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6

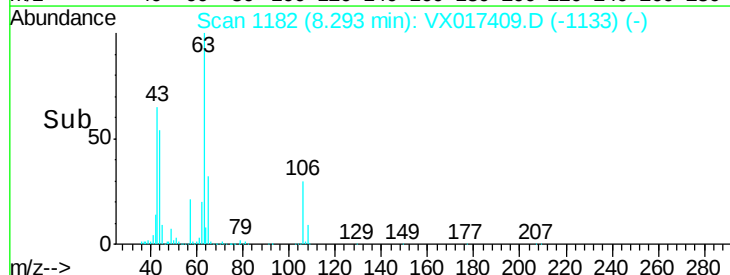
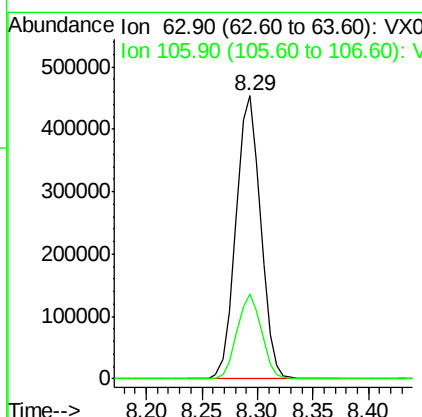
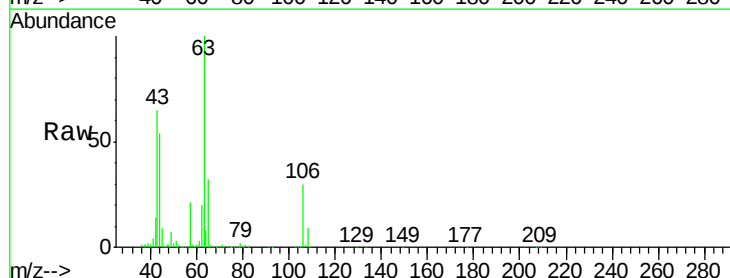
Manual Integrations
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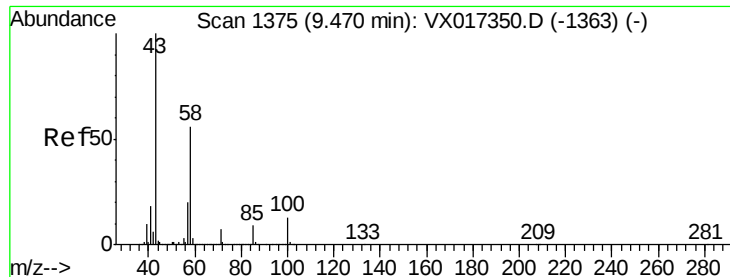
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#58
 2-Chloroethyl Vinyl ether
 Concen: 276.976 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	24.8	37.2





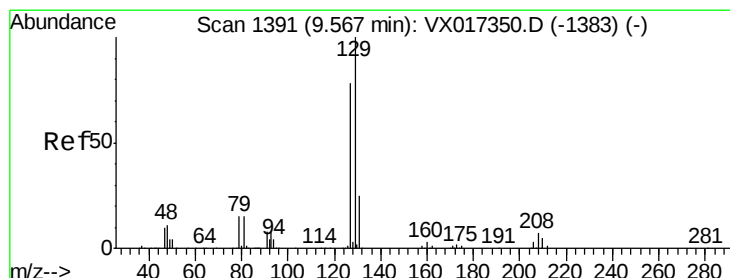
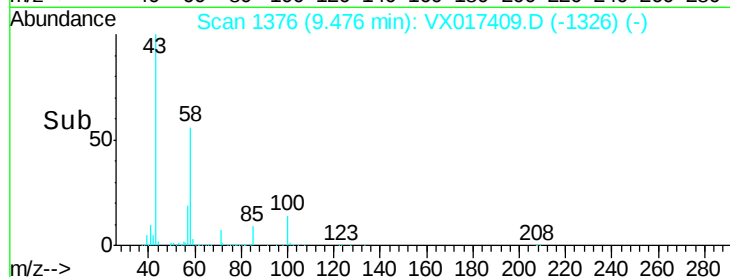
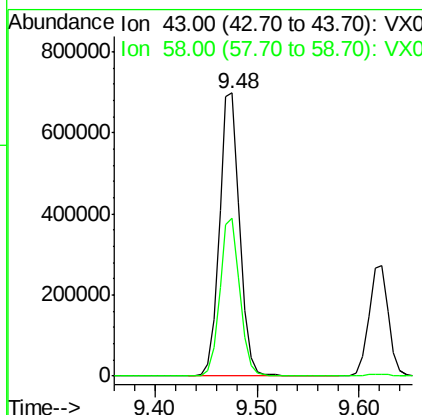
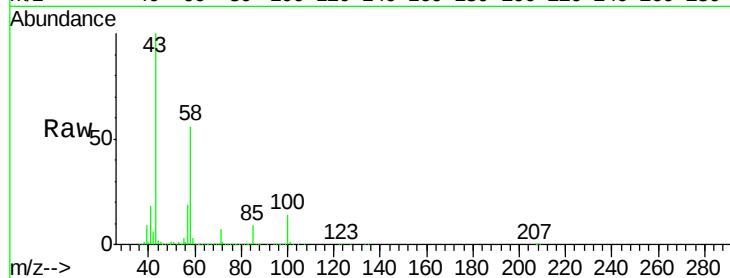
#59
2-Hexanone
Concen: 280.006 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	28.1	84.3

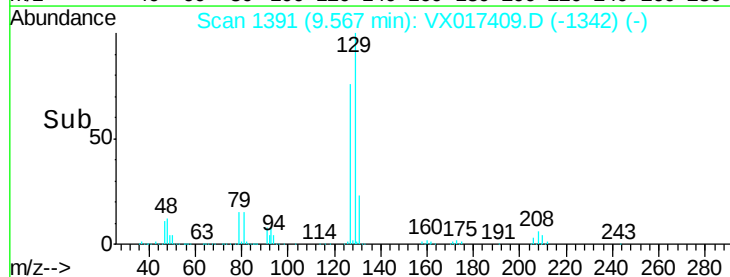
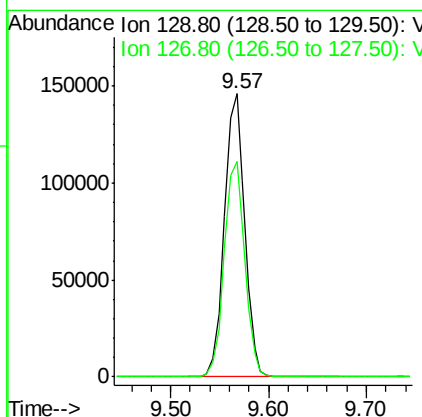
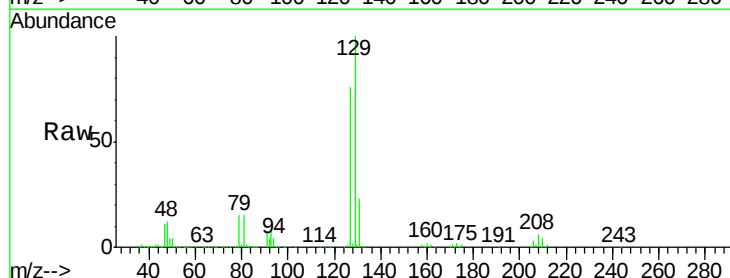
Manual Integrations
APPROVED

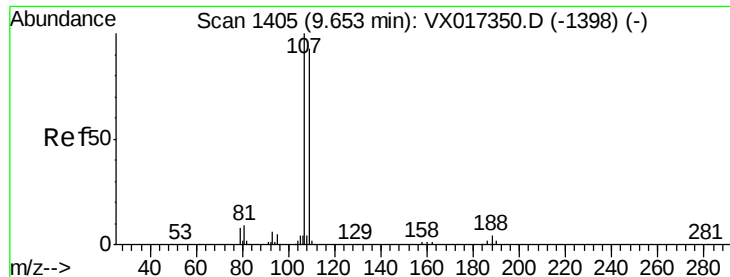
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#60
Dibromochloromethane
Concen: 49.352 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.9	116.6





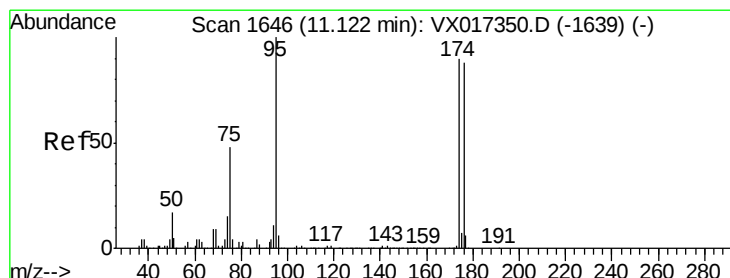
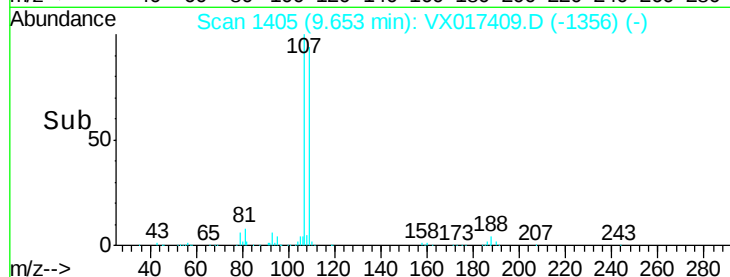
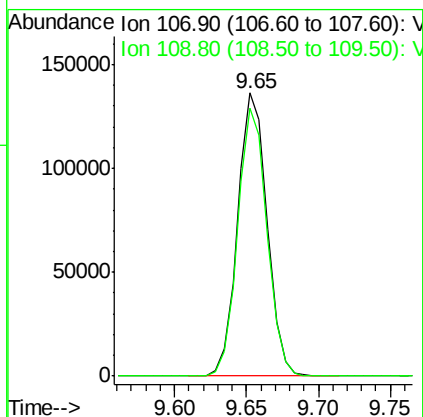
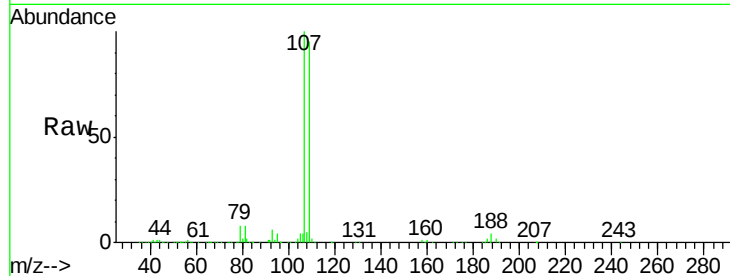
#61
 1,2-Dibromoethane
 Concen: 50.967 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.0	112.4

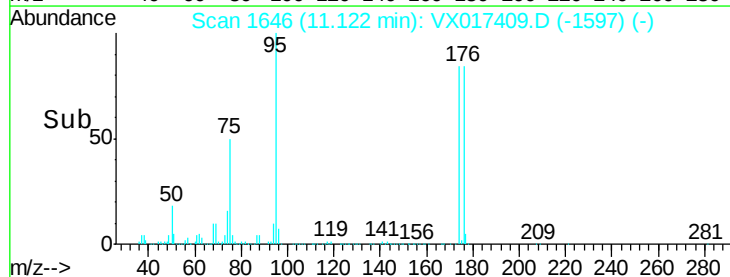
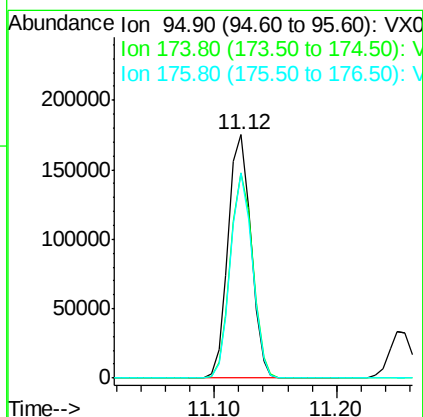
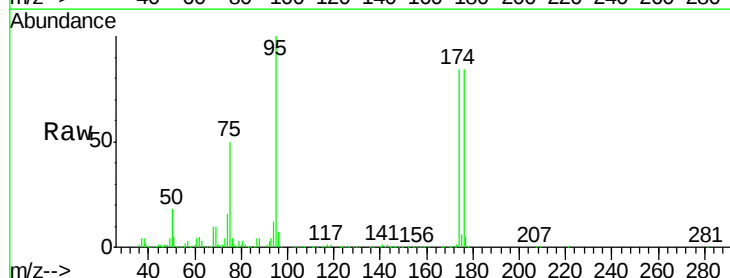
Manual Integrations
 APPROVED

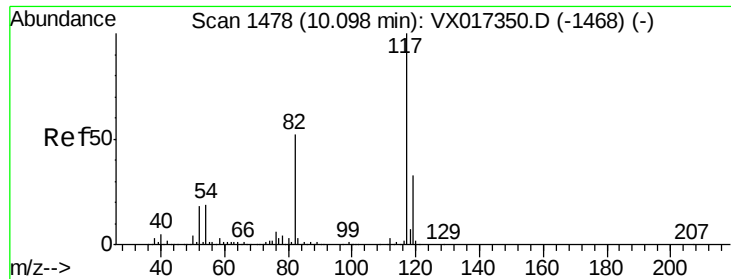
MMDadoda
 7/17/2020 4:44:19 PM



#62
 4-Bromofluorobenzene
 Concen: 47.624 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	175.8
176	81.0	0.0	164.6





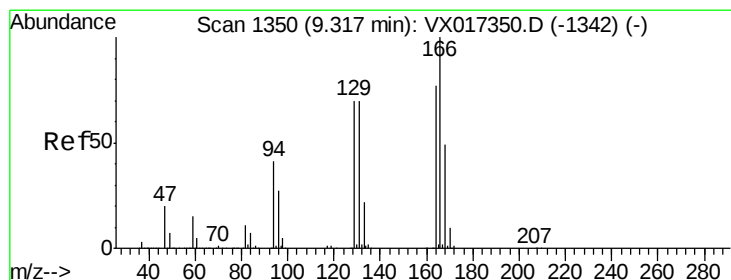
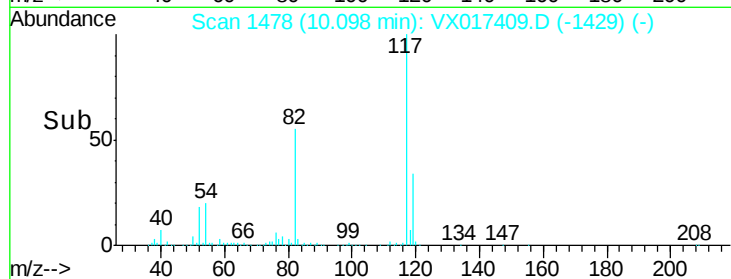
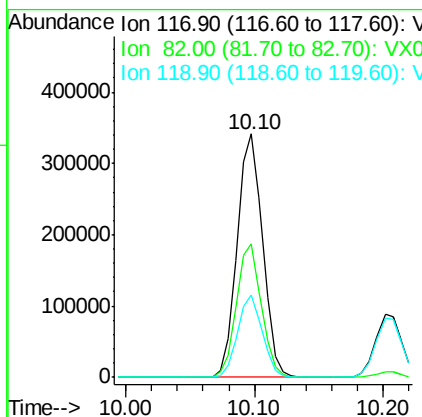
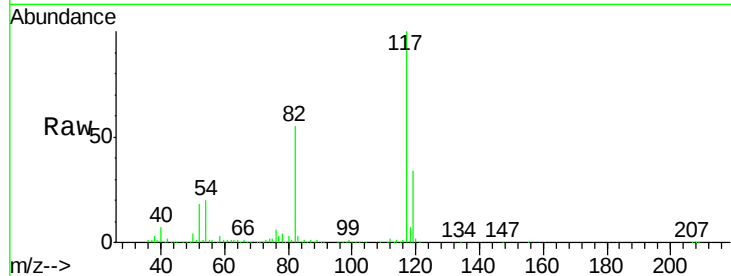
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.0	63.0
119	33.6	26.3	39.5

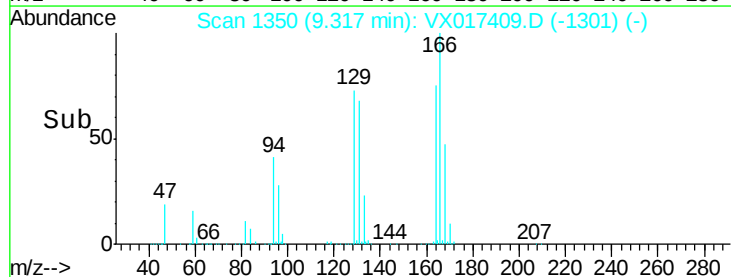
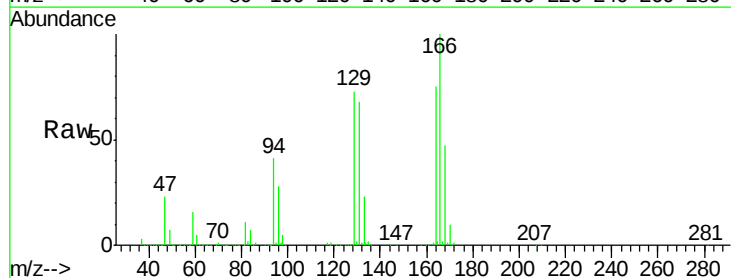
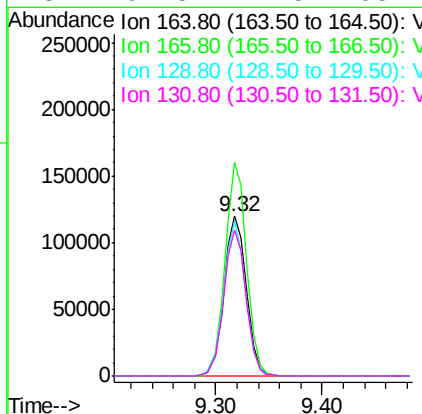
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 43.285 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.8	103.9	155.9
129	97.2	72.9	109.3
131	91.5	72.5	108.7





#65

Chlorobenzene

Concen: 49.420 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 469468

Ion Ratio Lower Upper

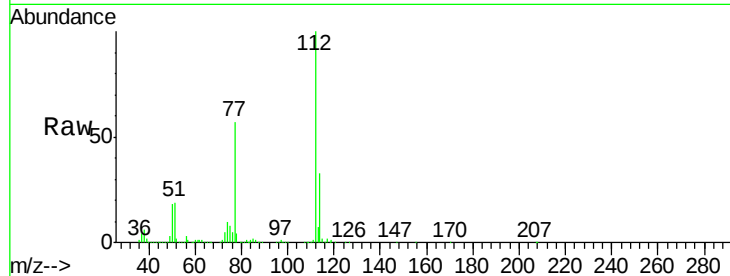
112 100

114 32.8 26.0 39.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

400000

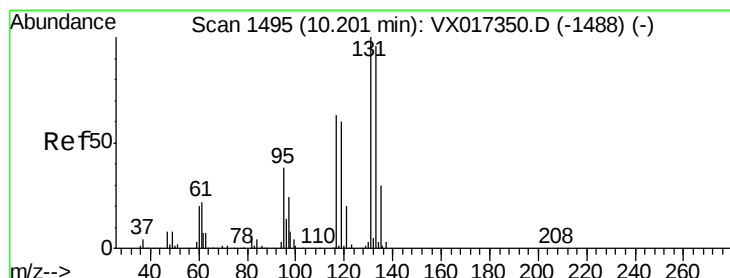
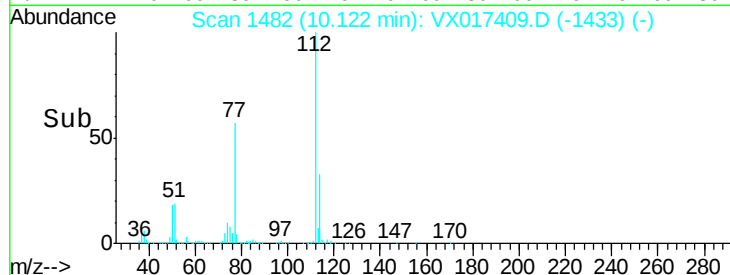
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.462 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

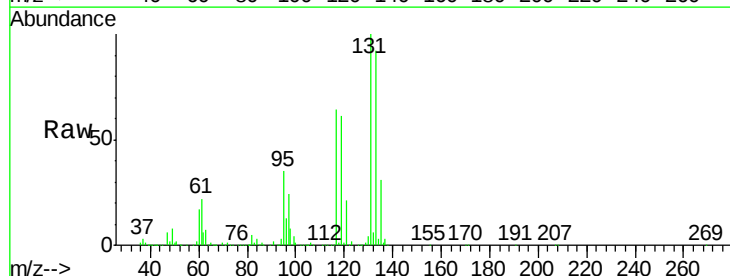
Tgt Ion:131 Resp: 187071

Ion Ratio Lower Upper

131 100

133 93.8 48.4 145.2

119 62.9 31.2 93.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

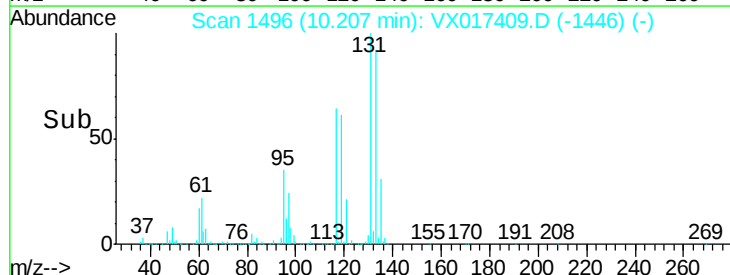
150000

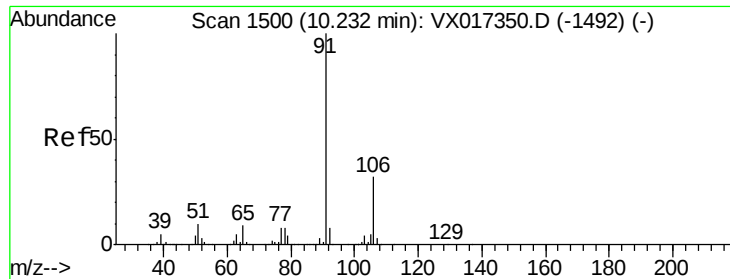
100000

50000

0

Time-->





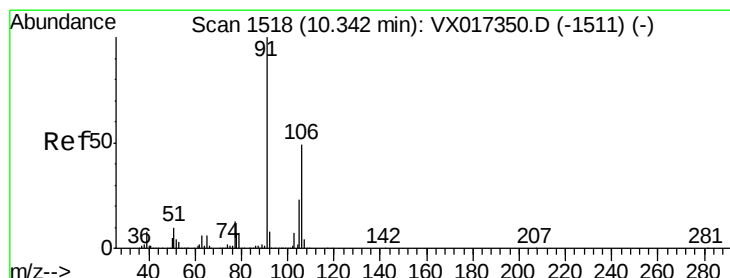
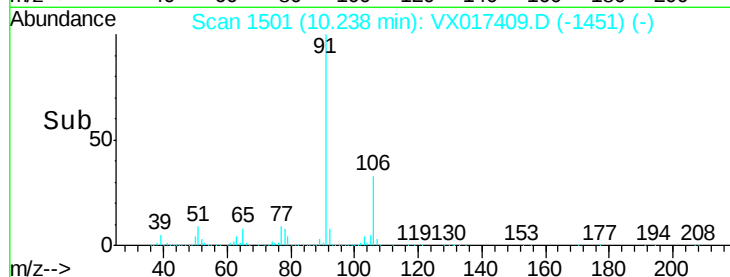
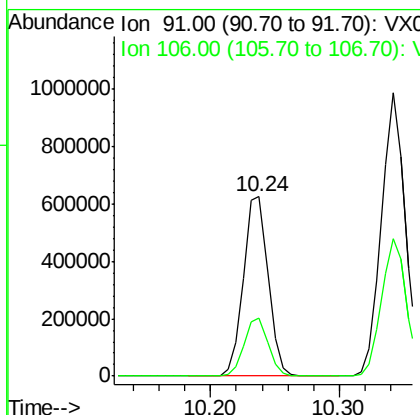
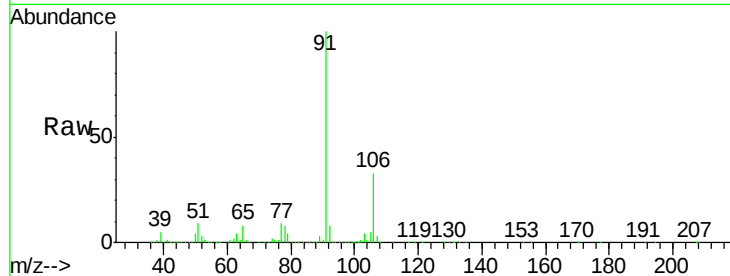
#67
Ethyl Benzene
Concen: 52.196 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 825429
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5

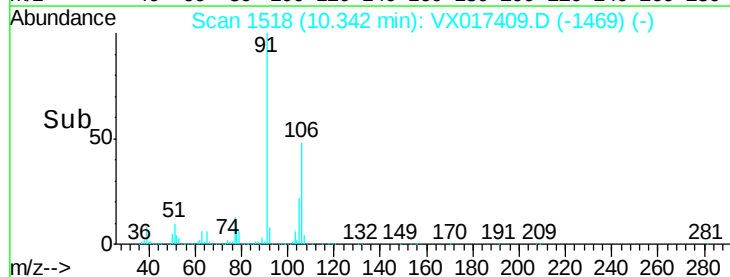
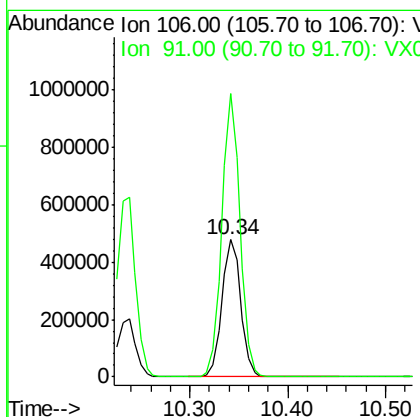
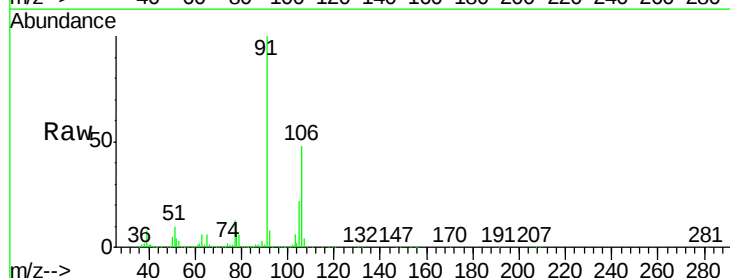
Manual Integrations
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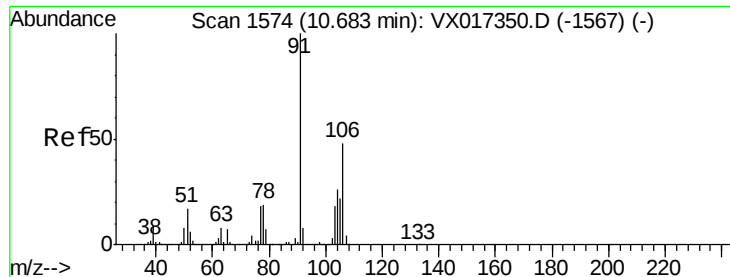
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#68
m/p-Xylenes
Concen: 105.823 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion: 106 Resp: 636735
Ion Ratio Lower Upper
106 100
91 199.2 162.5 243.7





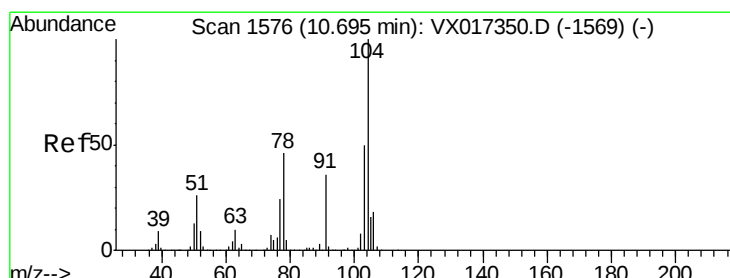
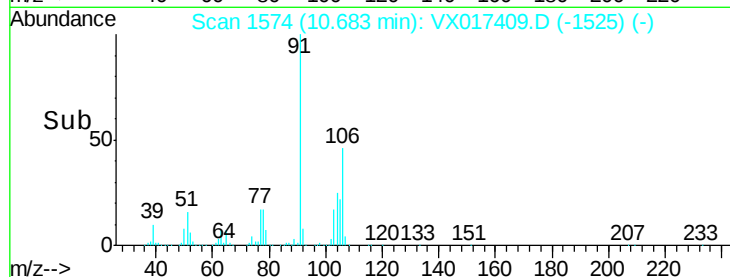
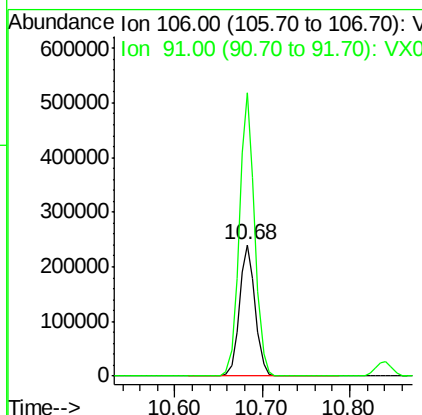
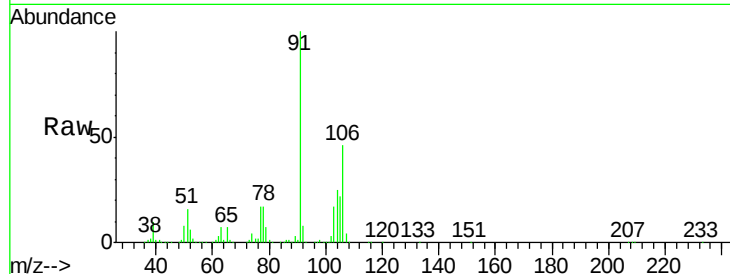
#69
o-Xylene
Concen: 52.484 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	210.9	106.1	318.1		

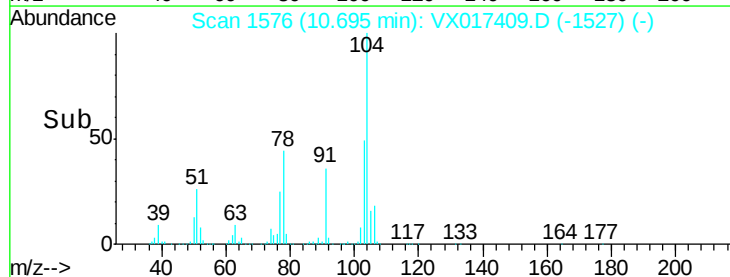
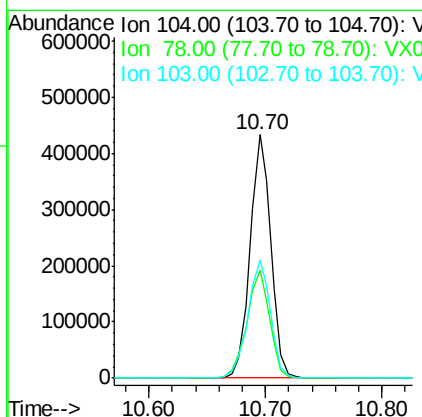
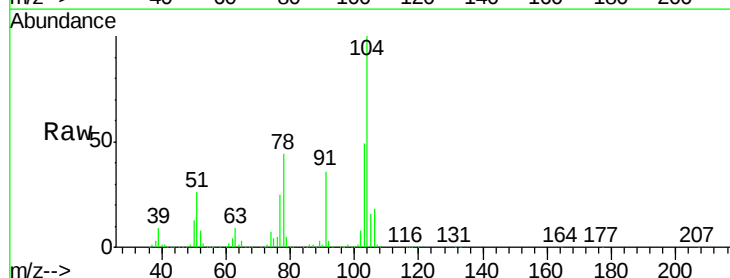
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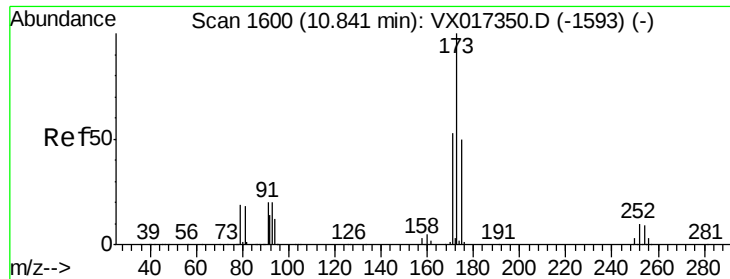
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#70
Styrene
Concen: 54.769 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.7	40.8	61.2		
103	53.0	43.3	64.9		





#71

Bromoform

Concen: 49.776 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 158859

Ion Ratio Lower Upper

173 100

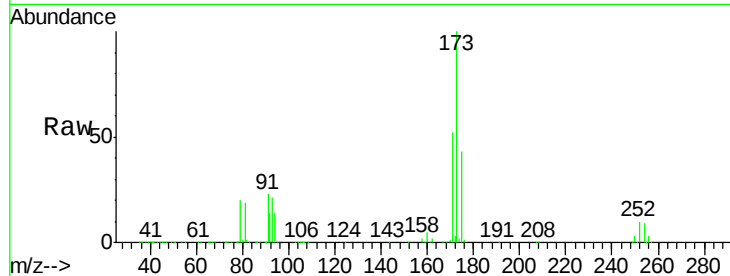
175 48.2 24.7 74.1

254 0.2 0.1 0.1#

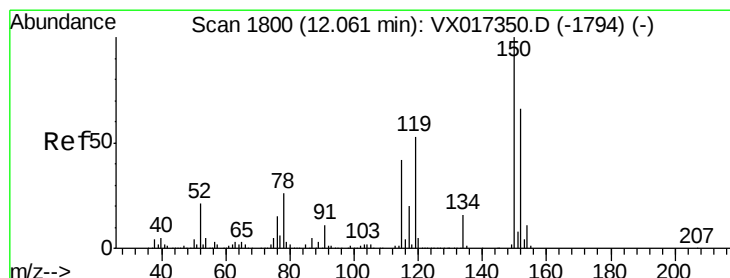
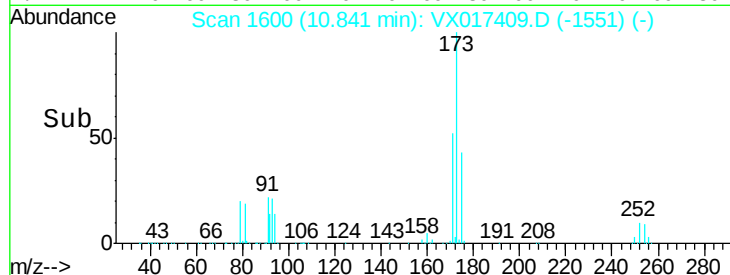
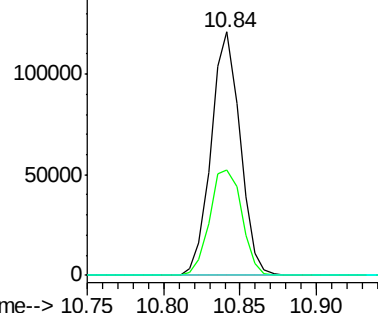
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

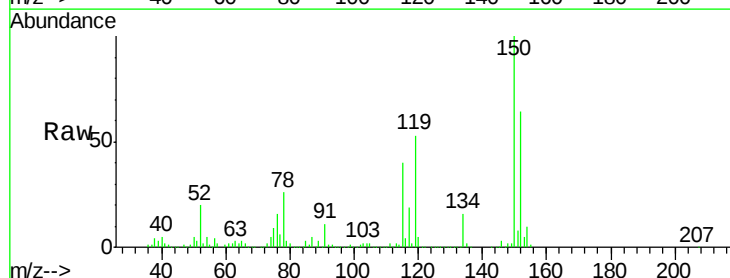
Tgt Ion:152 Resp: 256227

Ion Ratio Lower Upper

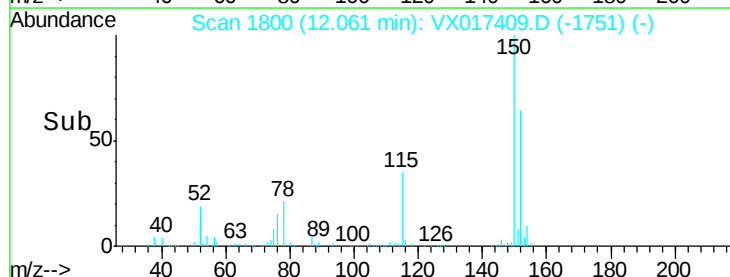
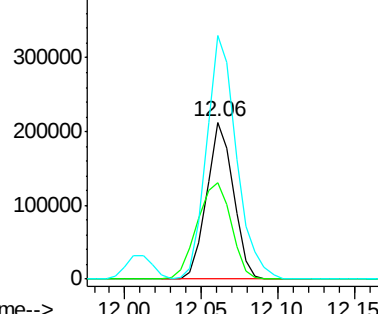
152 100

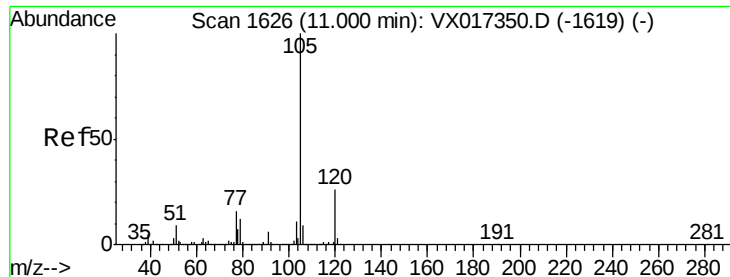
115 79.2 39.9 119.7

150 174.5 0.0 343.4



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: 50.902 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 817589

Ion Ratio Lower Upper

105 100

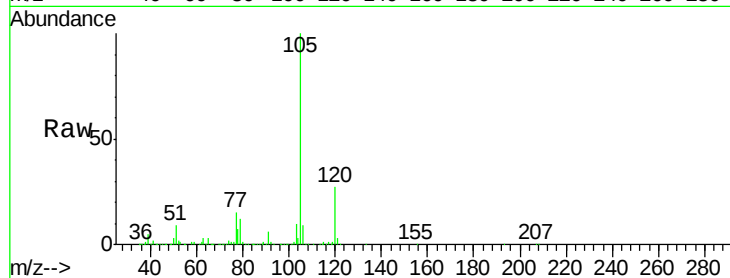
120 26.7 13.3 39.8

Manual Integrations

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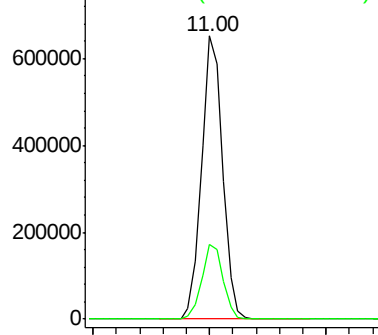
MMDadoda

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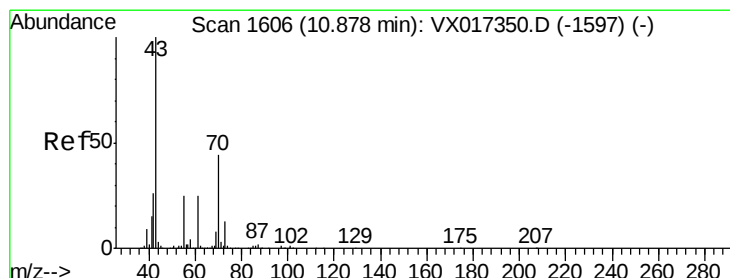
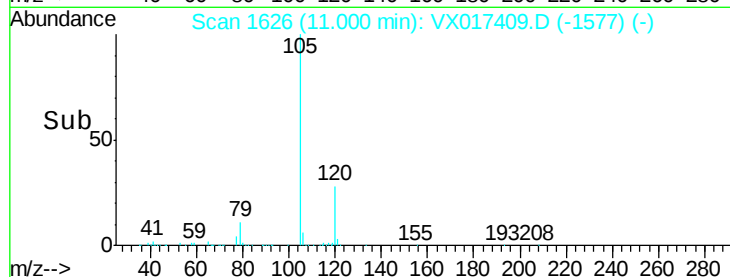


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 56.892 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion: 43 Resp: 365671

Ion Ratio Lower Upper

43 100

70 43.0 35.7 53.5

55 24.3 20.3 30.5

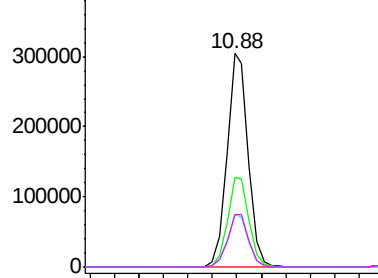
61 24.9 20.0 30.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

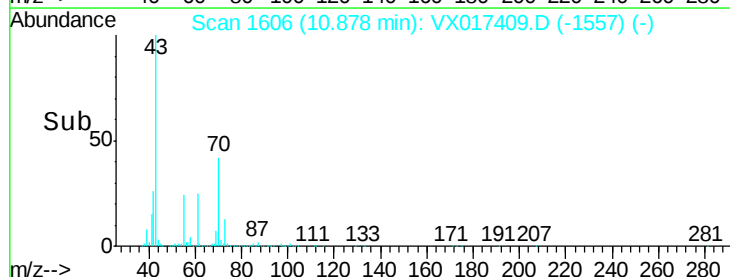
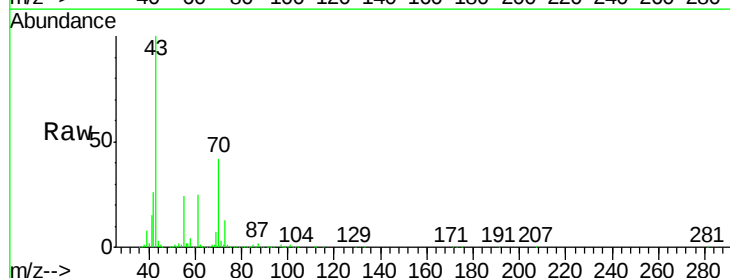
Ion 70.00 (69.70 to 70.70): VX0

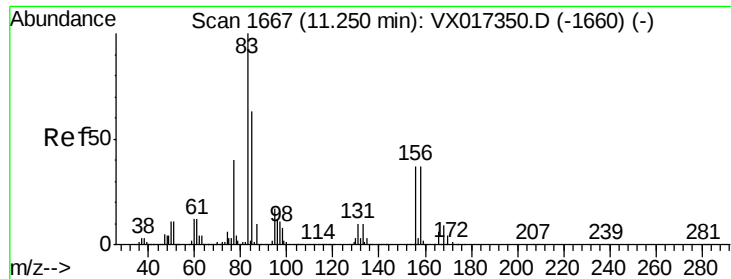
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 55.255 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 269471

Ion Ratio Lower Upper

83 100

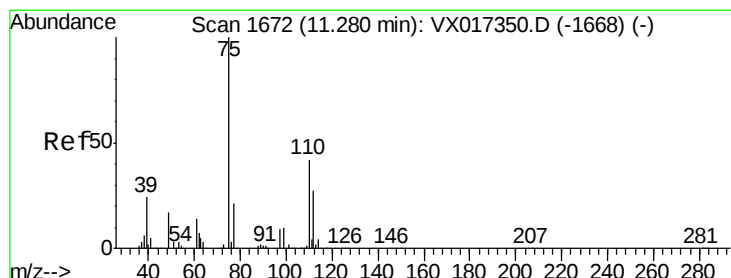
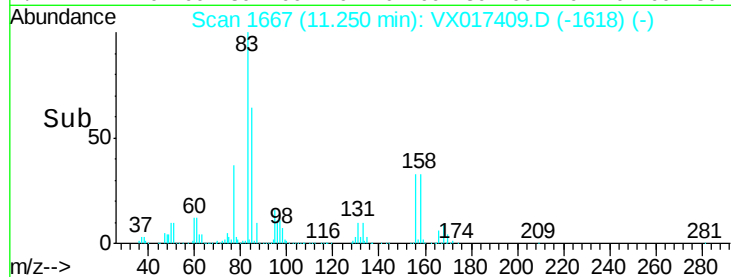
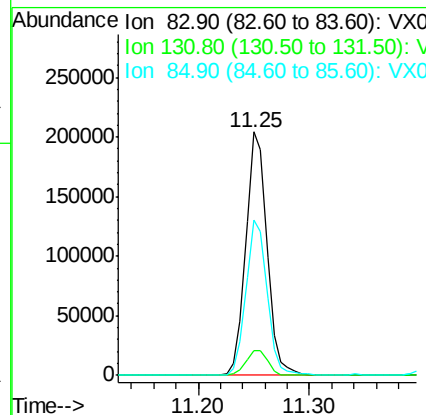
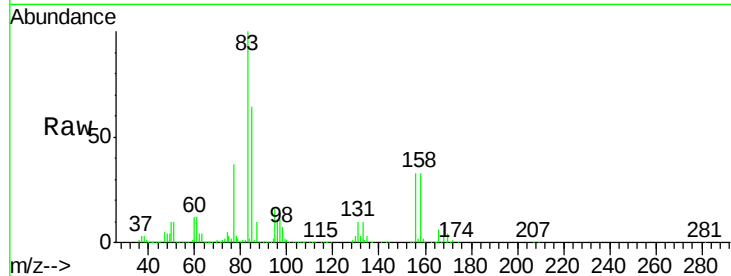
131 10.7 5.5 16.7

85 64.0 32.6 98.0

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#76

1,2,3-Trichloropropane

Concen: 53.531 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017409.D

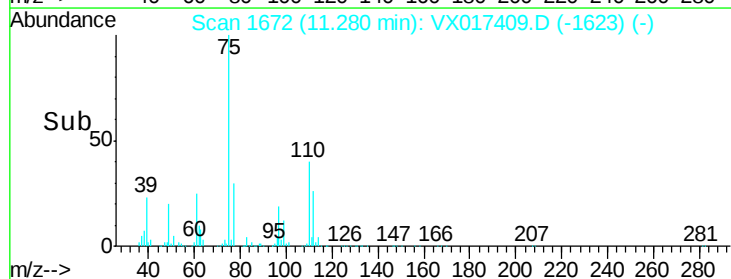
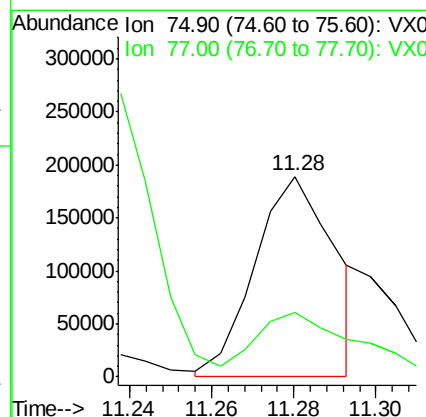
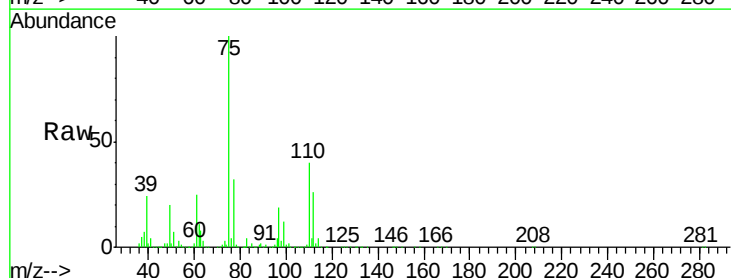
Acq: 16 Jul 2020 22:09

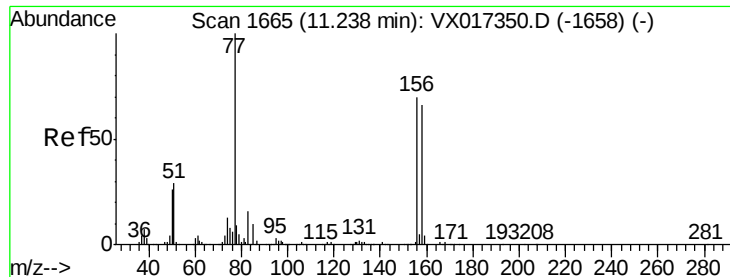
Tgt Ion: 75 Resp: 253449

Ion Ratio Lower Upper

75 100

77 41.3 20.3 60.9





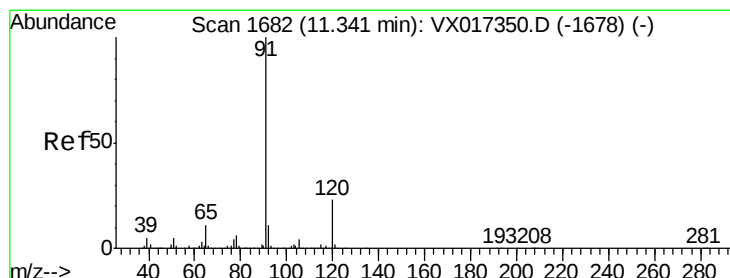
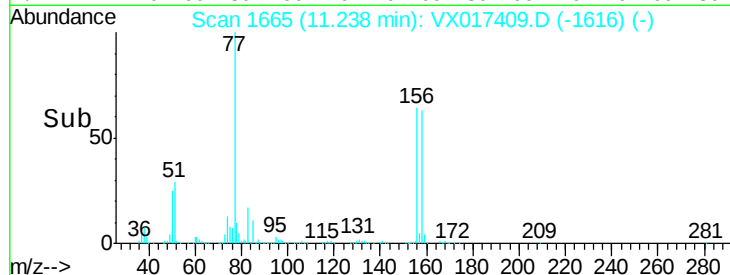
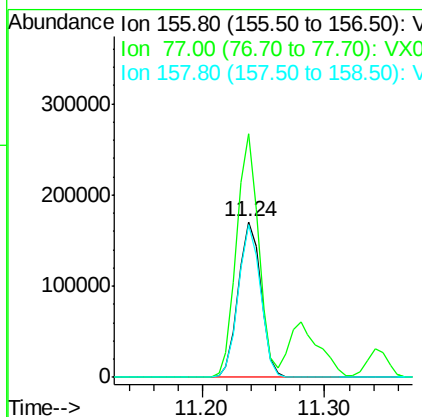
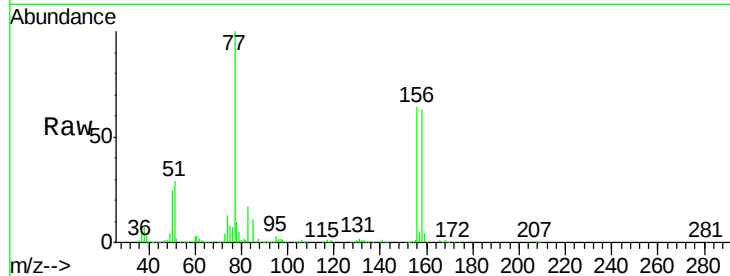
#77
Bromobenzene
Concen: 47.630 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.7	72.1	216.3
158	96.2	47.4	142.3

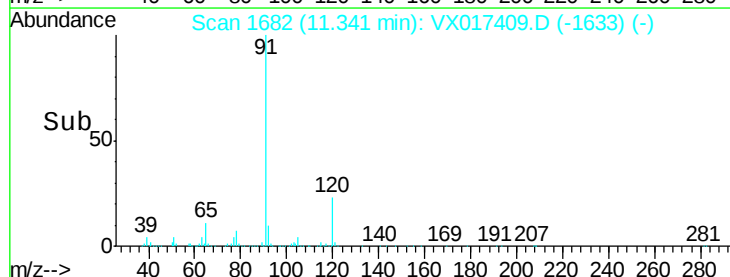
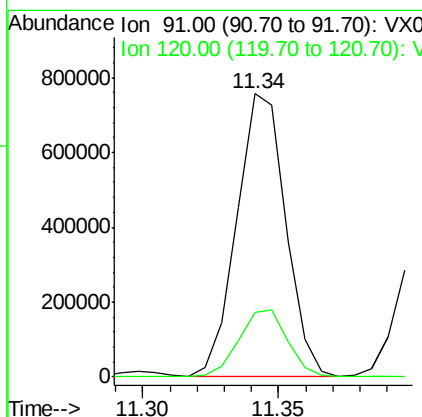
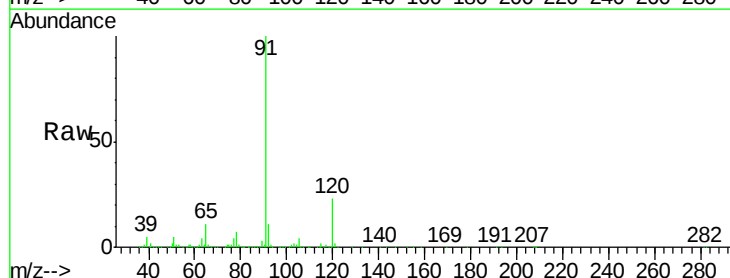
Manual Integrations
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#78
n-propylbenzene
Concen: 52.070 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.737 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 564013

Ion Ratio Lower Upper

91 100

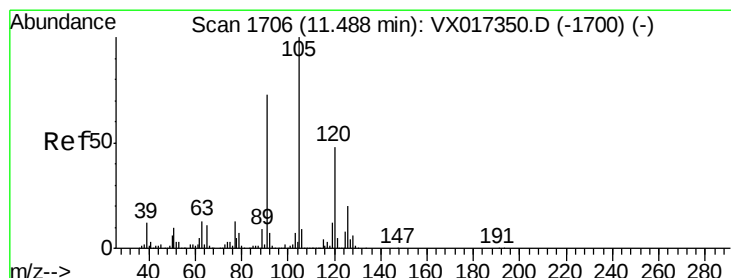
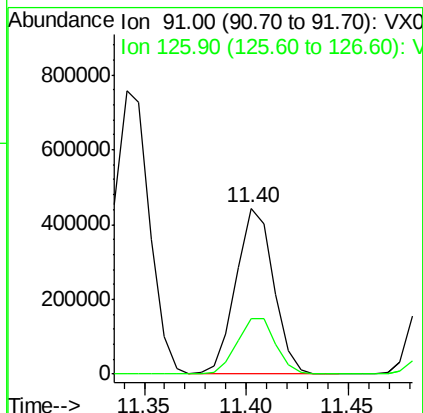
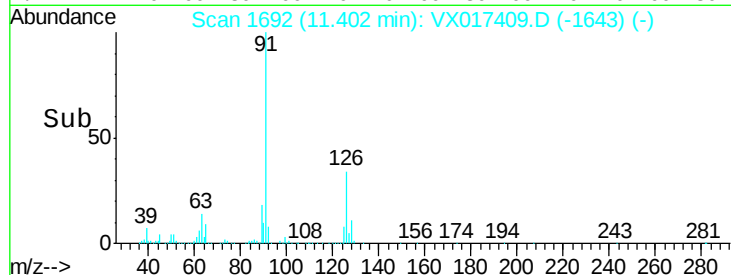
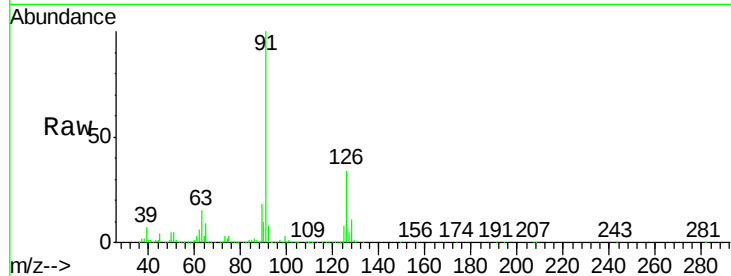
126 35.1 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.680 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017409.D

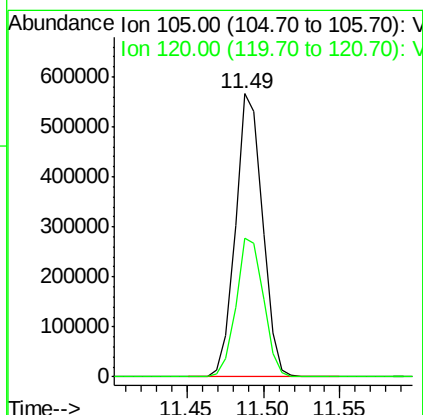
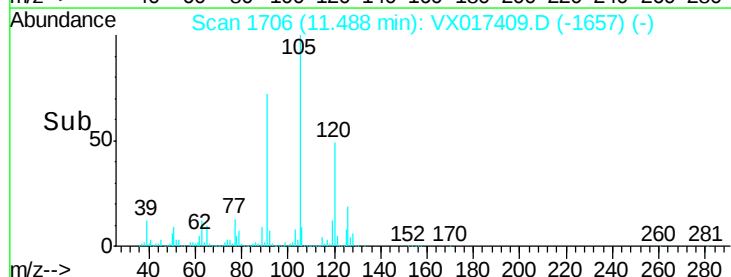
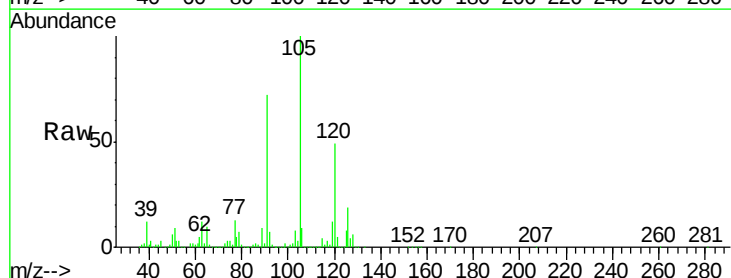
Acq: 16 Jul 2020 22:09

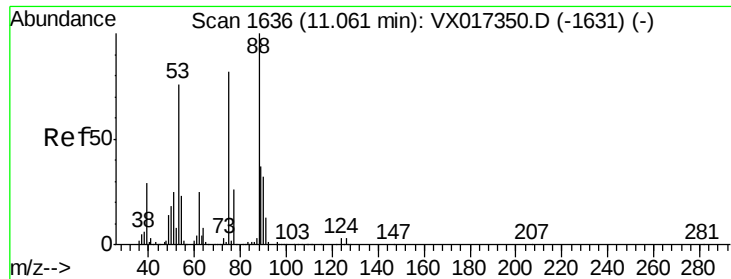
Tgt Ion: 105 Resp: 690998

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.222 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

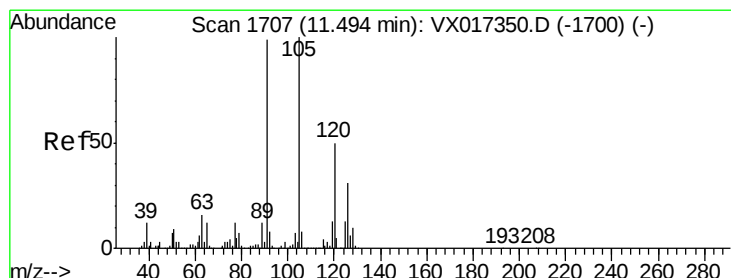
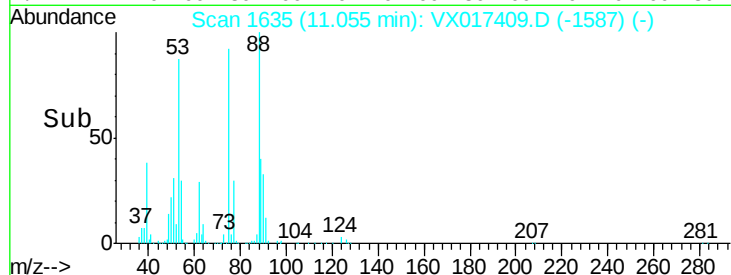
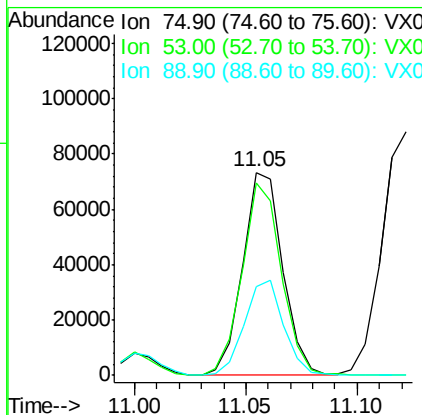
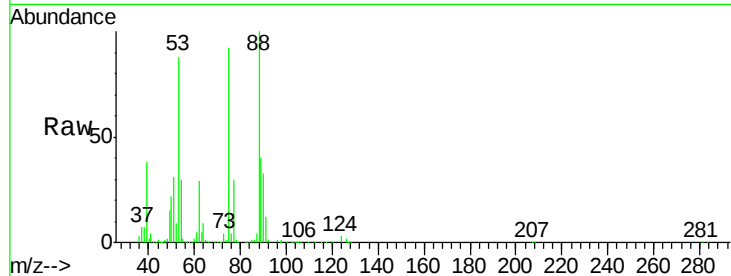
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	91869
Ion	Ratio	Lower	Upper
75	100		
53	93.2	76.5	114.7
89	46.2	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.916 ug/l

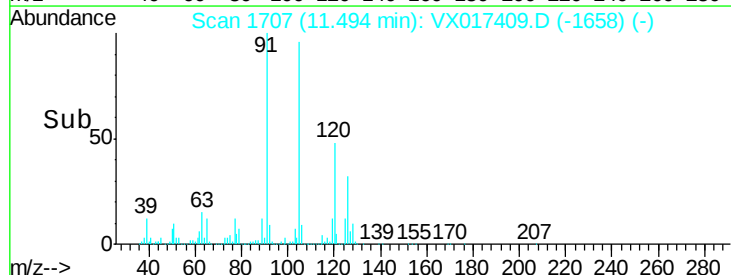
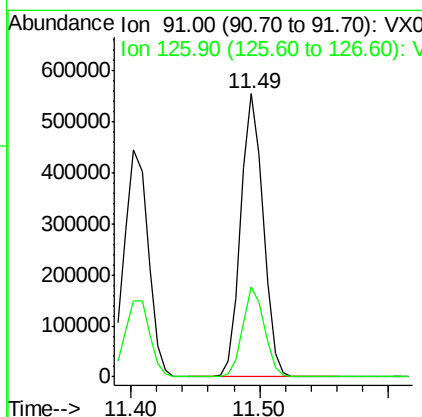
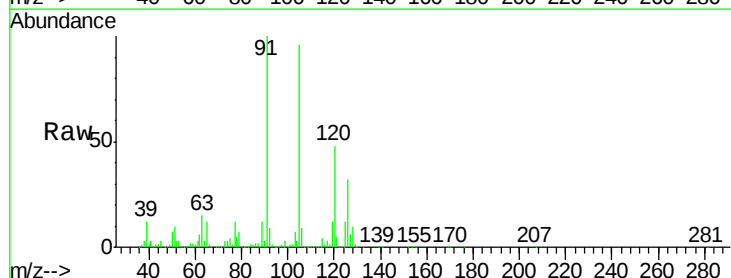
RT: 11.49 min Scan# 1707

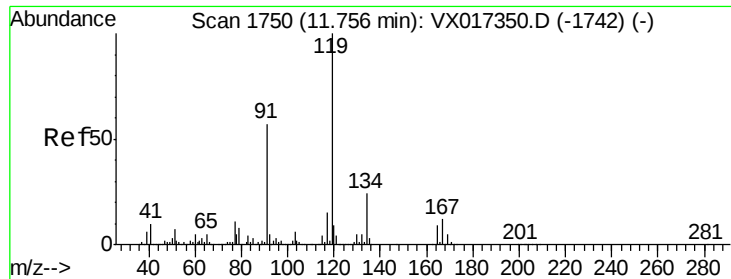
Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion:	91	Resp:	670780
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.2





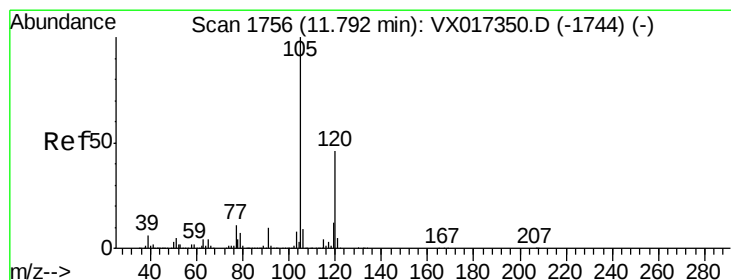
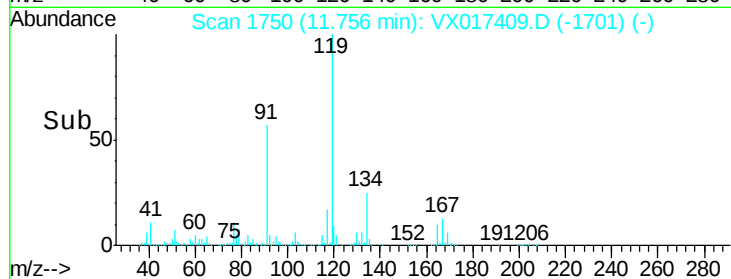
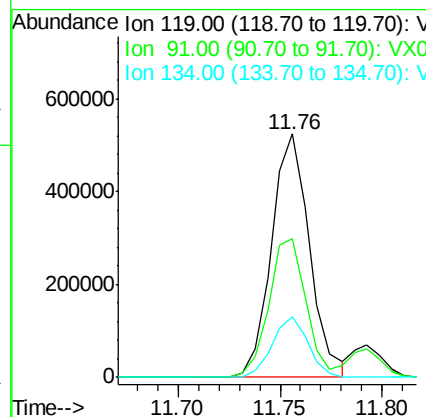
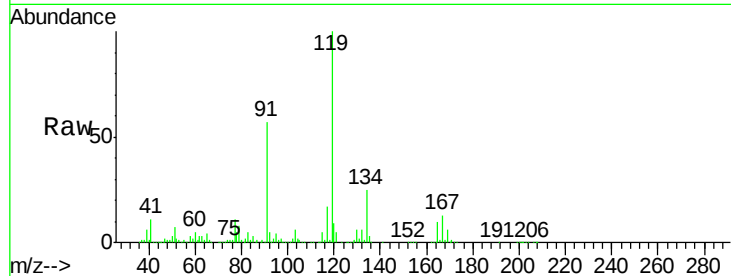
#83
tert-Butylbenzene
Concen: 51.671 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	681031		
91	55.6	28.5	85.6	
134	23.6	11.9	35.9	

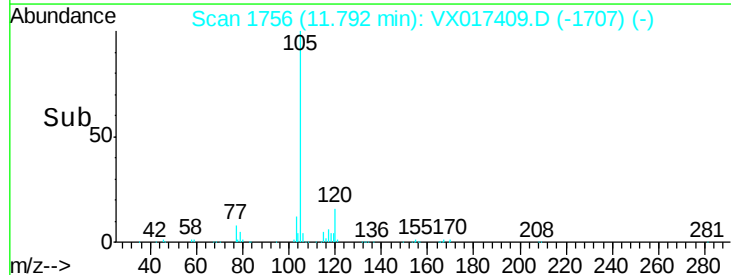
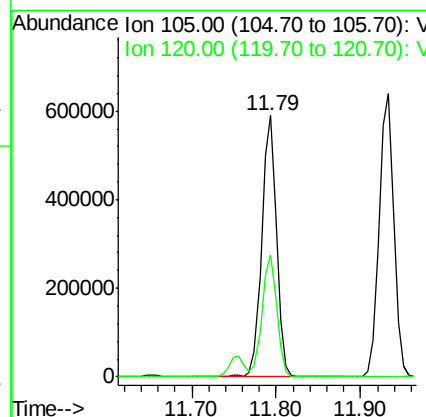
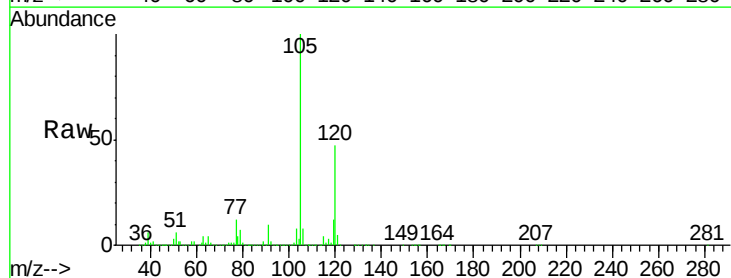
Manual Integrations
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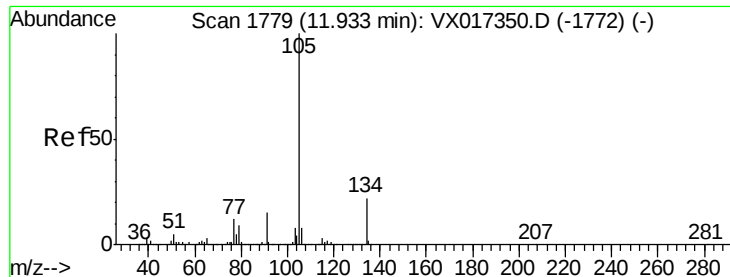
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#84
1,2,4-Trimethylbenzene
Concen: 51.174 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	704888		
120	46.5	22.8	68.4	





#85

sec-Butylbenzene

Concen: 50.300 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 776164

Ion Ratio Lower Upper

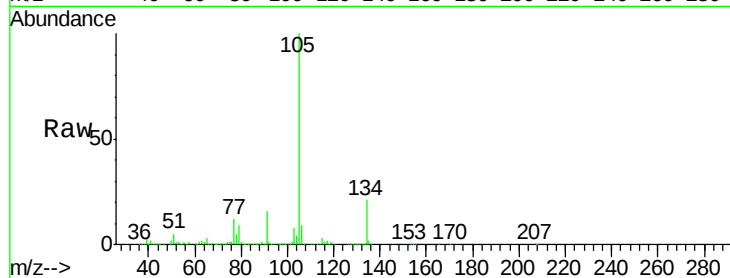
105 100

134 20.9 10.5 31.5

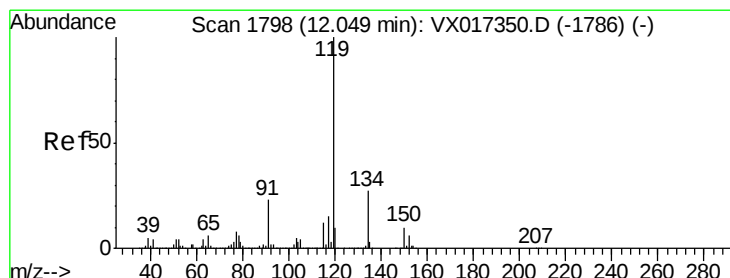
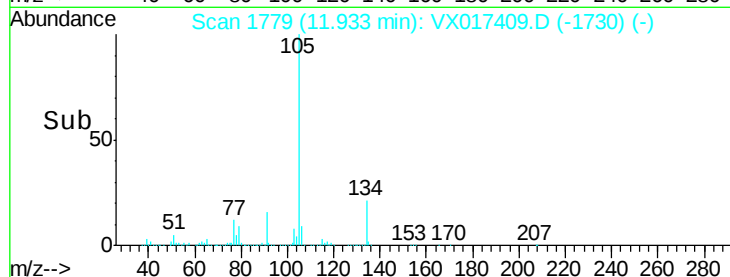
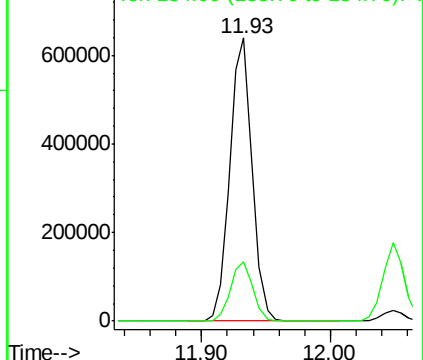
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.080 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

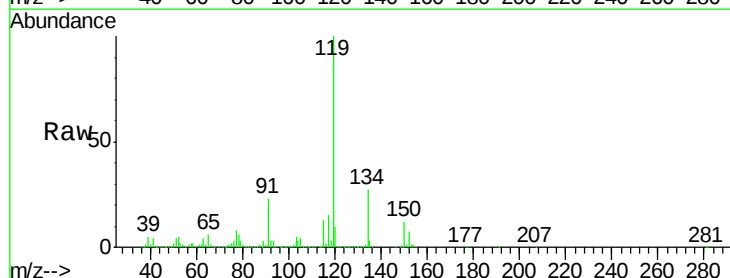
Tgt Ion:119 Resp: 745792

Ion Ratio Lower Upper

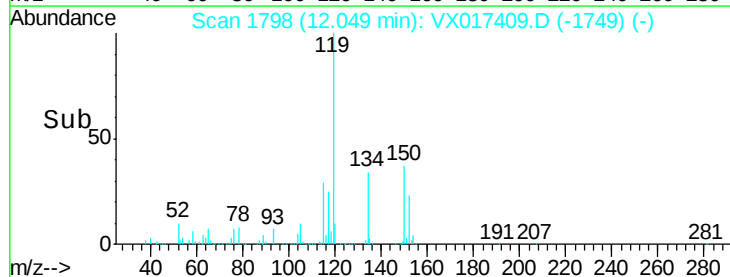
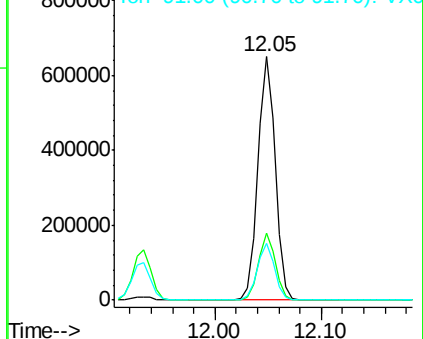
119 100

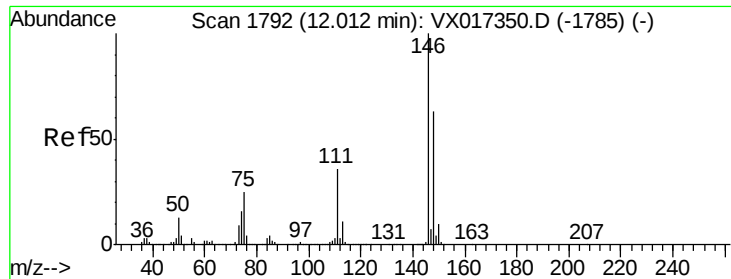
134 27.0 13.5 40.5

91 23.1 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.138 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Instrument :

MSVOA_X

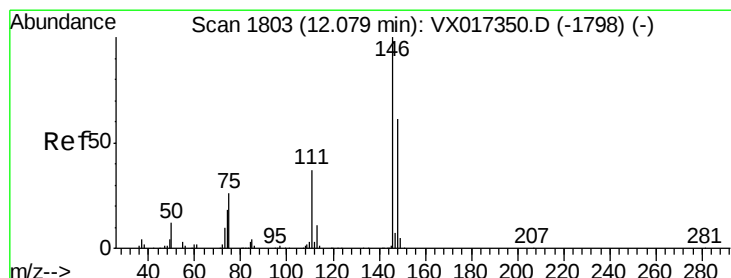
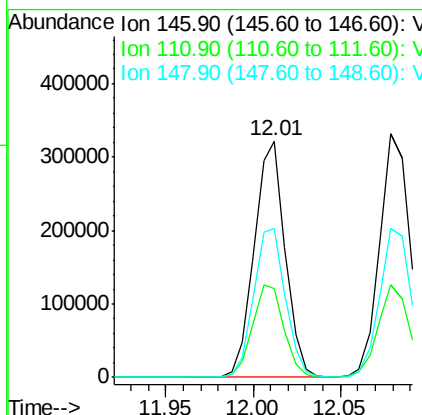
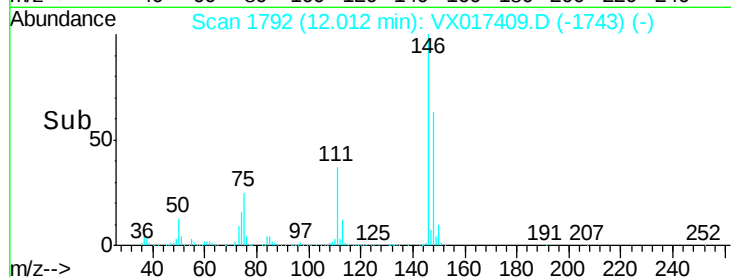
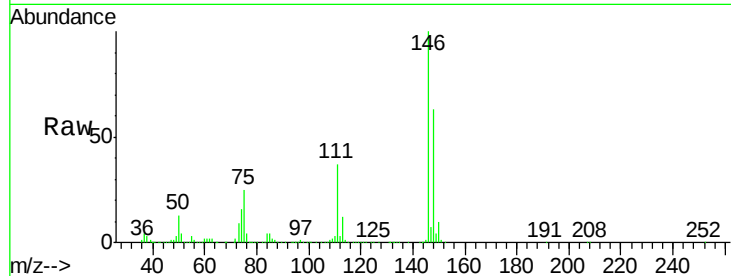
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	393950
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.2	57.6
148	65.1	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.376 ug/l

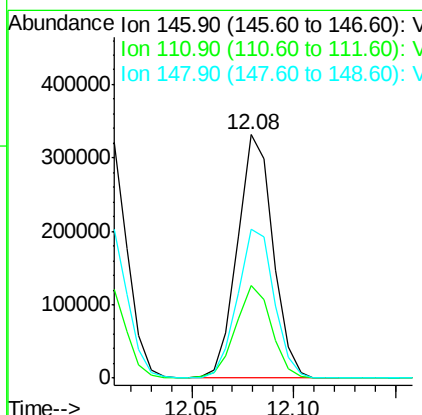
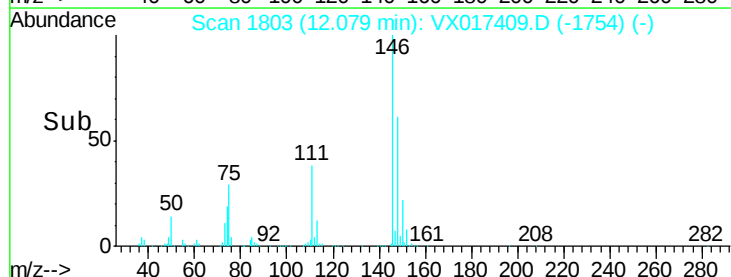
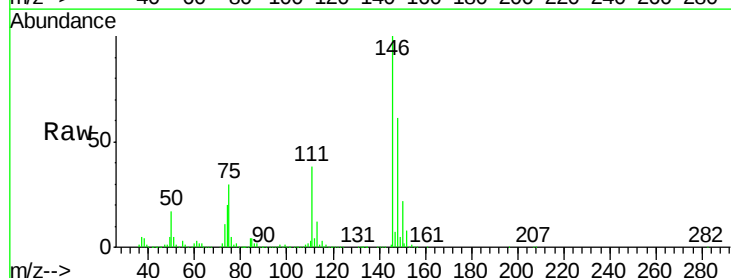
RT: 12.08 min Scan# 1803

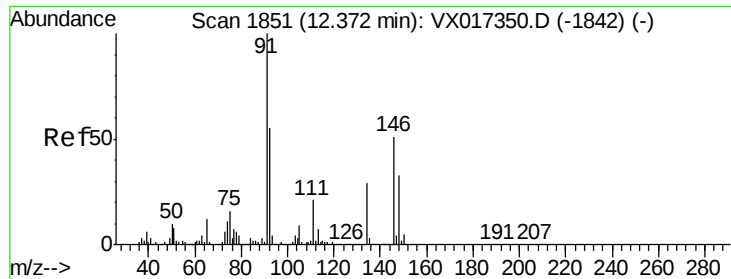
Delta R.T. 0.00 min

Lab File: VX017409.D

Acq: 16 Jul 2020 22:09

Tgt Ion:	146	Resp:	399977
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.9	56.9
148	63.6	31.9	95.9





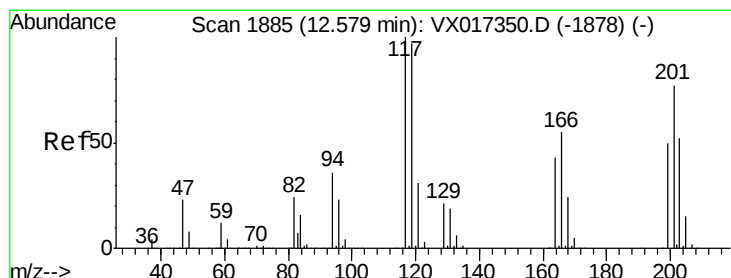
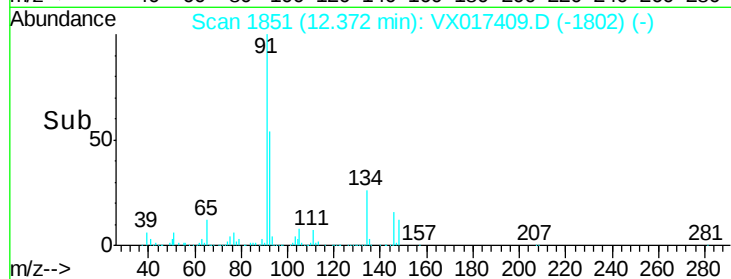
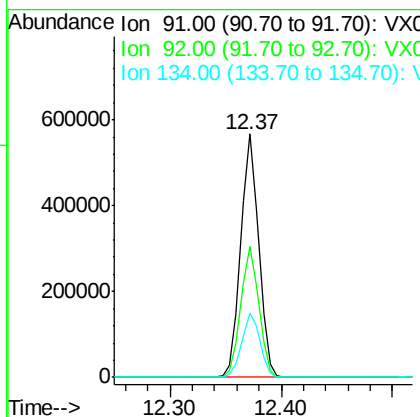
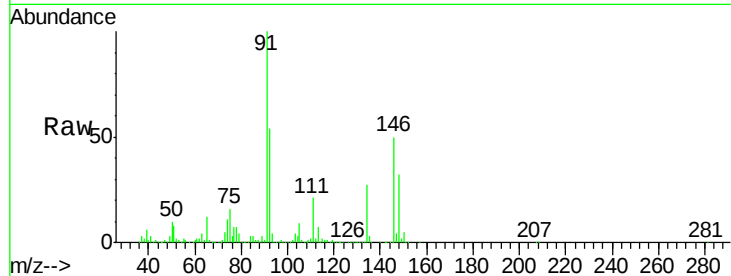
#89
n-Butylbenzene
Concen: 51.037 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	81.0
134	26.7	14.1	42.2

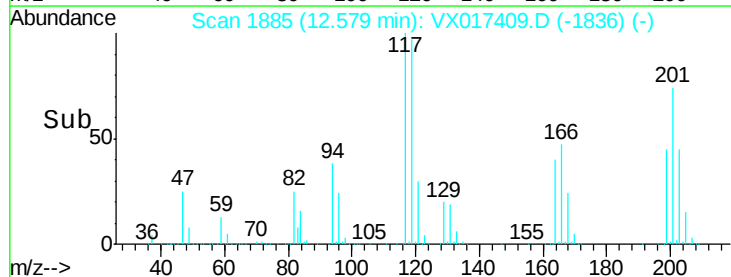
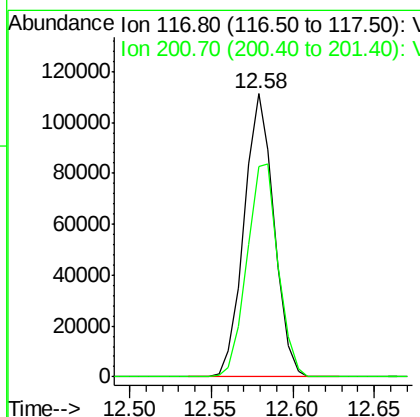
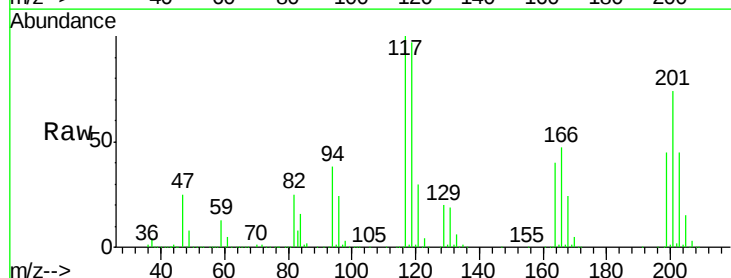
Manual Integrations
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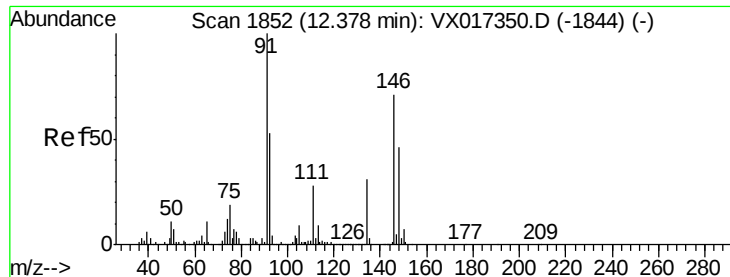
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#90
Hexachloroethane
Concen: 51.277 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	41.0	123.0





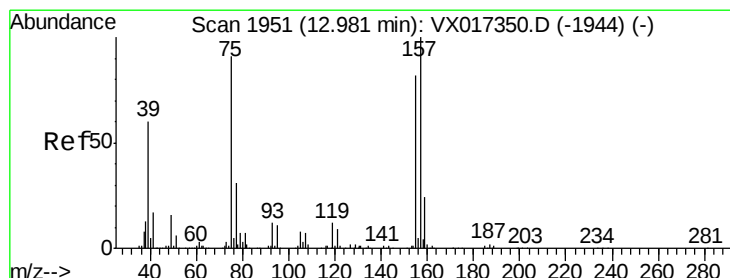
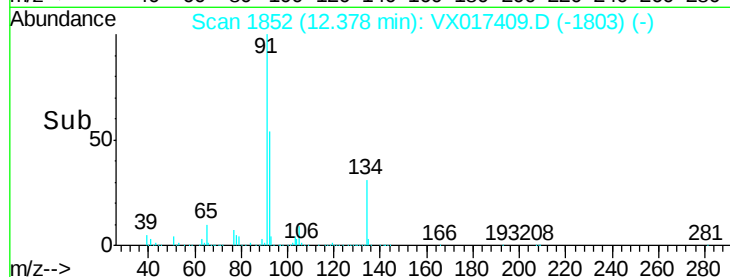
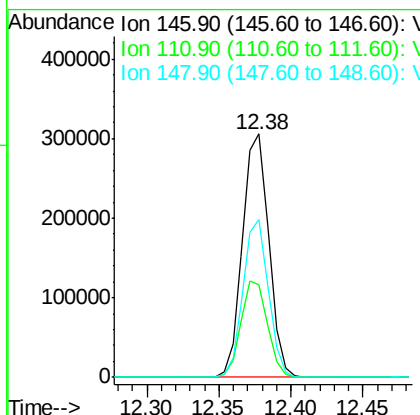
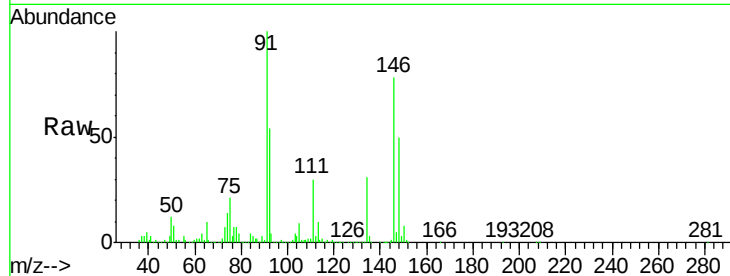
#91
 1,2-Dichlorobenzene
 Concen: 50.353 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	61.0
148	62.8	32.0	96.0

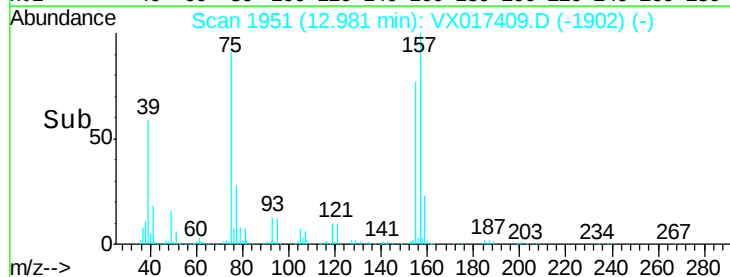
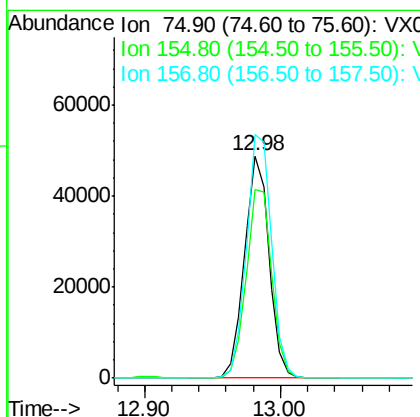
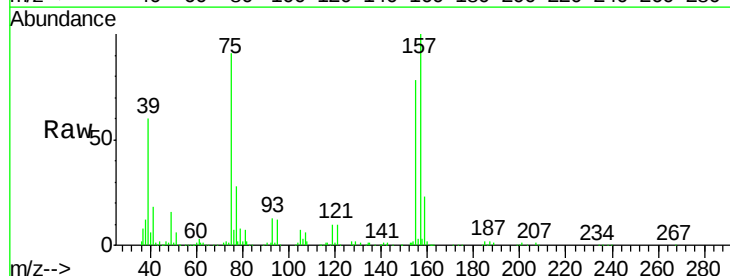
Manual Integrations
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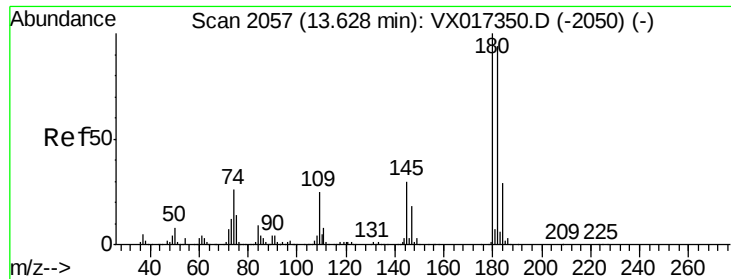
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.055 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	46.5	139.3
157	112.5	58.0	173.9





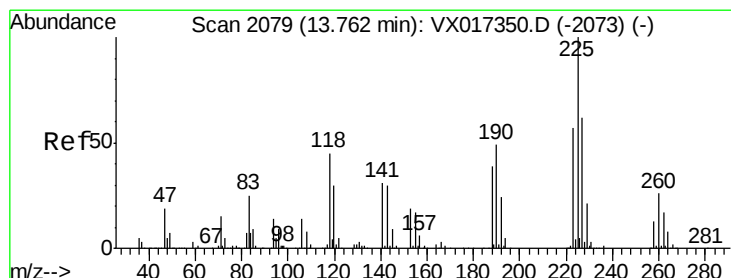
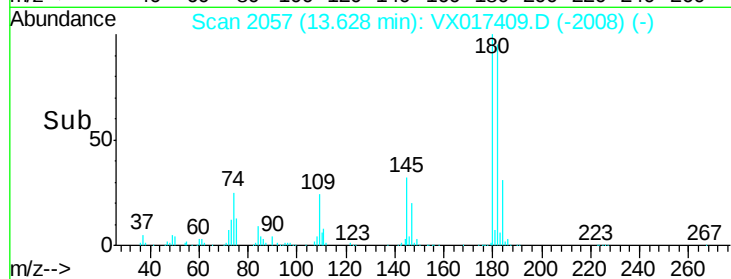
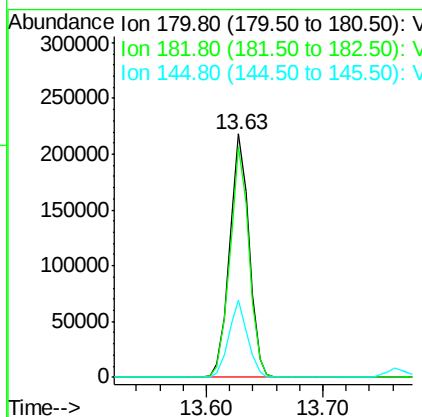
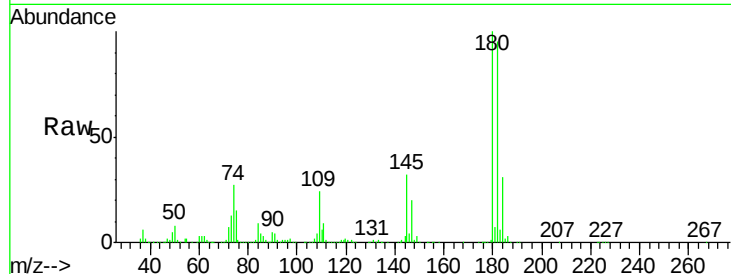
#93
 1,2,4-Trichlorobenzene
 Concen: 47.380 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	252939		
182	93.1	48.4	145.0	
145	30.7	15.3	45.8	

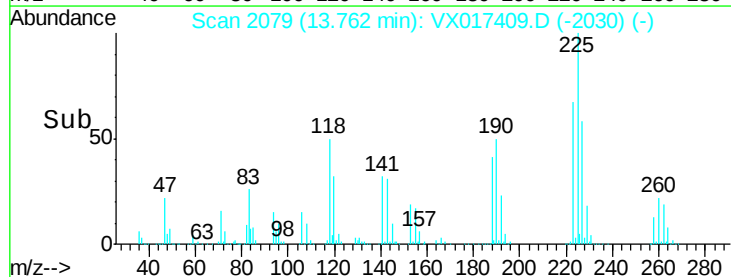
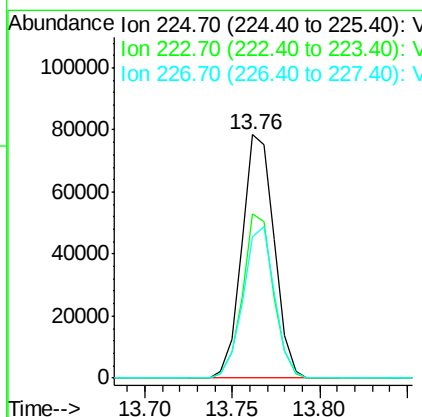
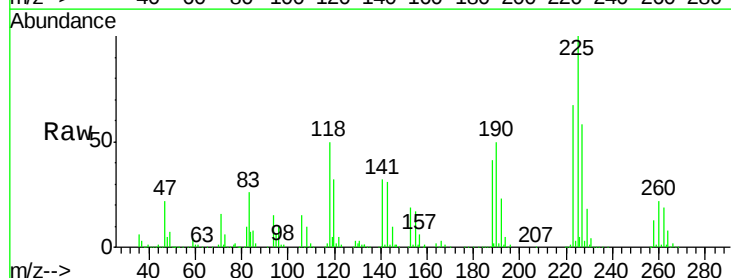
Manual Integrations
 APPROVED

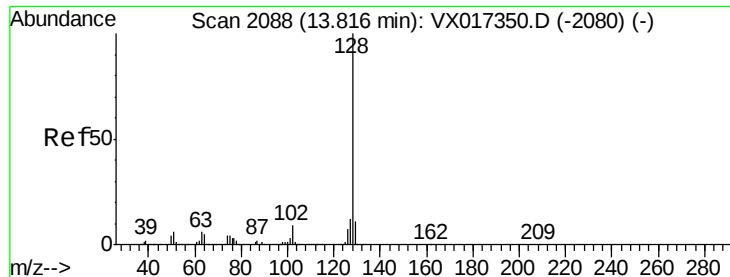
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#94
 Hexachlorobutadiene
 Concen: 45.953 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017409.D
 Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100046		
223	64.2	31.3	93.8	
227	60.8	31.6	95.0	





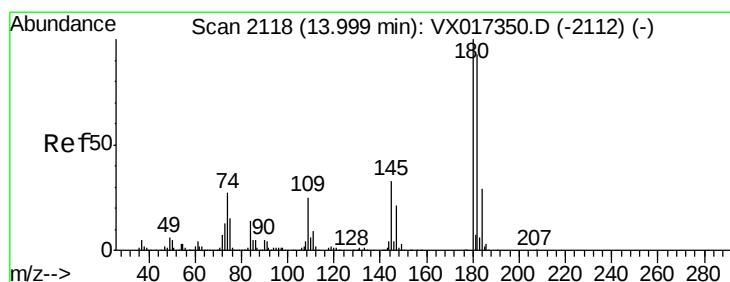
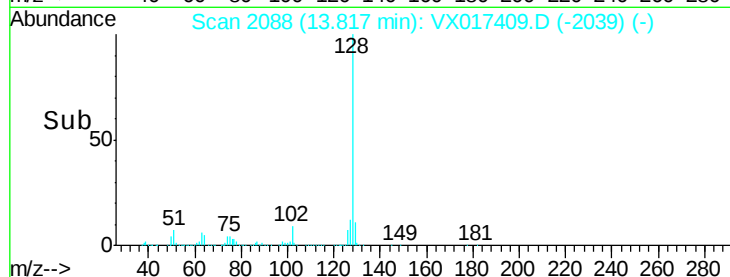
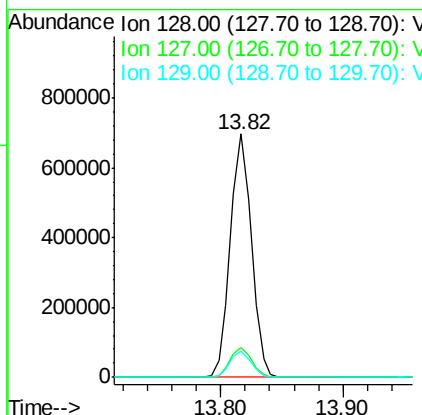
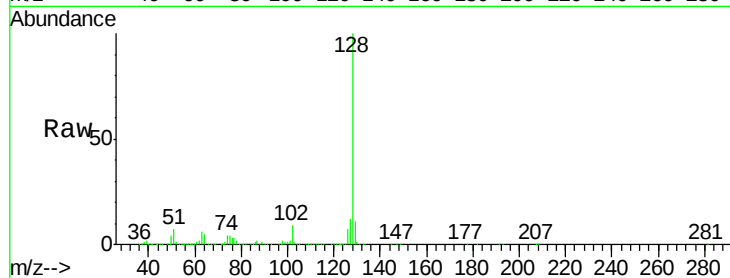
#95
Naphthalene
Concen: 52.706 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 48.748 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017409.D
Acq: 16 Jul 2020 22:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.8	146.3
145	32.0	16.6	49.7

