

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016374.D
 Acq On : 20 May 2020 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 5/21/2020 1:15:31 PM

Quant Time: May 21 06:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	250579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	412573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	146277	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
35) Dibromofluoromethane	5.46	113	122222	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	8.70	98	464301	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
62) 4-Bromofluorobenzene	11.12	95	181012	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	125243	47.220	ug/l	99
3) Chloromethane	1.31	50	124682	40.478	ug/l	99
4) Vinyl Chloride	1.39	62	152672	46.458	ug/l	100
5) Bromomethane	1.62	94	46714	28.196	ug/l	96
6) Chloroethane	1.70	64	93502	46.762	ug/l	99
7) Trichlorofluoromethane	1.91	101	203983	47.280	ug/l	96
8) Diethyl Ether	2.17	74	87358	48.056	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	112416	45.163	ug/l	98
10) Methyl Iodide	2.49	142	64362	19.250	ug/l	99
11) Tert butyl alcohol	3.02	59	190306	228.234	ug/l	100
12) 1,1-Dichloroethene	2.36	96	121604	46.685	ug/l	94
13) Acrolein	2.27	56	115396	221.160	ug/l	99
14) Allyl chloride	2.70	41	210539	44.083	ug/l	93
15) Acrylonitrile	3.12	53	423442	244.798	ug/l	98
16) Acetone	2.42	43	321772	218.706	ug/l	92
17) Carbon Disulfide	2.55	76	318288	40.651	ug/l	99
18) Methyl Acetate	2.75	43	184611	51.033	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	456708	50.861	ug/l	99
20) Methylene Chloride	2.83	84	141488	46.650	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136224	46.930	ug/l	96
22) Diisopropyl ether	3.82	45	429090	47.622	ug/l	96
23) Vinyl Acetate	3.79	43	1855345	234.051	ug/l	97
24) 1,1-Dichloroethane	3.67	63	247023	49.009	ug/l	98
25) 2-Butanone	4.64	43	564767	238.220	ug/l	97
26) 2,2-Dichloropropane	4.55	77	198129	43.043	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	161575	50.916	ug/l	94
28) Bromochloromethane	4.98	49	101341	44.094	ug/l	93
29) Tetrahydrofuran	5.09	42	369370	235.135	ug/l	95
30) Chloroform	5.18	83	253808	50.575	ug/l	99
31) Cyclohexane	5.55	56	181793	39.687	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	224887	49.299	ug/l	98
36) 1,1-Dichloropropene	5.77	75	184726	45.485	ug/l	100
37) Ethyl Acetate	4.79	43	211768	44.990	ug/l	98
38) Carbon Tetrachloride	5.76	117	196836	47.684	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	146291	29.911	ug/l	99
40) Benzene	6.12	78	575526	48.433	ug/l	100
41) Methacrylonitrile	5.01	41	114692	45.118	ug/l	95
42) 1,2-Dichloroethane	6.17	62	196660	45.942	ug/l	98
43) Isopropyl Acetate	6.42	43	341684	45.496	ug/l	97
44) Trichloroethene	7.19	130	170391	40.362	ug/l	98
45) 1,2-Dichloropropane	7.49	63	149936	49.866	ug/l	100
46) Dibromomethane	7.64	93	99008	48.454	ug/l	99
47) Bromodichloromethane	7.88	83	208059	49.996	ug/l	99
48) Methyl methacrylate	7.74	41	162479	45.657	ug/l	92
49) 1,4-Dioxane	7.71	88	76178	892.538	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1072251	233.309	ug/l	95
52) Toluene	8.77	92	369271	49.856	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	237173	47.800	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	252707	48.760	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	150790	51.745	ug/l	99
56) Ethyl methacrylate	9.16	69	242804	51.044	ug/l	92
57) 1,3-Dichloropropane	9.35	76	255269	50.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	554114	218.813	ug/l	98
59) 2-Hexanone	9.48	43	839350	232.557	ug/l	95
60) Dibromochloromethane	9.57	129	170484	53.119	ug/l	99
61) 1,2-Dibromoethane	9.65	107	158583	50.240	ug/l	98
64) Tetrachloroethene	9.32	164	175725	37.274	ug/l	97
65) Chlorobenzene	10.12	112	398325	49.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	153496	51.646	ug/l	99
67) Ethyl Benzene	10.24	91	680562	47.435	ug/l	99
68) m/p-Xylenes	10.34	106	515200	95.844	ug/l	98
69) o-Xylene	10.68	106	251539	48.682	ug/l	98
70) Styrene	10.70	104	449523	51.281	ug/l	99
71) Bromoform	10.84	173	129762	53.589	ug/l #	99
73) Isopropylbenzene	11.00	105	615311	45.454	ug/l	99
74) N-amyl acetate	10.88	43	293354	46.459	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	197085	70.526	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	213499m	50.551	ug/l	
77) Bromobenzene	11.24	156	170114	48.686	ug/l	100
78) n-propylbenzene	11.35	91	677246	43.004	ug/l	99
79) 2-Chlorotoluene	11.40	91	440962	47.437	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	491032	42.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85731	48.374	ug/l	95
82) 4-Chlorotoluene	11.49	91	516860	47.085	ug/l	99
83) tert-Butylbenzene	11.76	119	422392	42.882	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	514553	44.529	ug/l	99
85) sec-Butylbenzene	11.93	105	466923	35.108	ug/l	100
86) p-Isopropyltoluene	12.05	119	443911	35.950	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	289999	46.223	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	298676	46.904	ug/l	99
89) n-Butylbenzene	12.37	91	352427	31.242	ug/l	100
90) Hexachloroethane	12.58	117	77177	36.393	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	287184	47.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53491	48.055	ug/l	94

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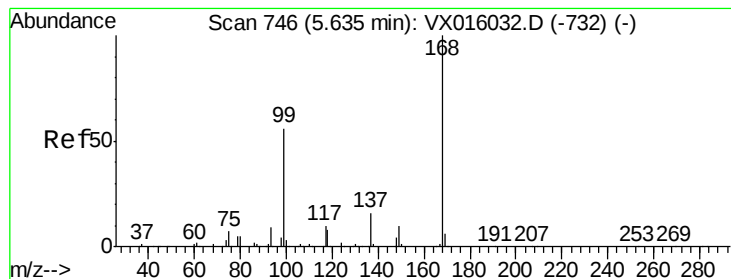
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	160431	35.870	ug/l	97
94) Hexachlorobutadiene	13.77	225	47094	24.720	ug/l	98
95) Naphthalene	13.82	128	650970	44.949	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	159830	36.565	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 250579

Ion Ratio Lower Upper

168 100

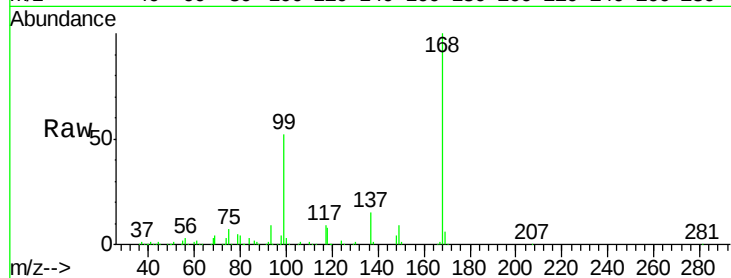
99 51.6 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

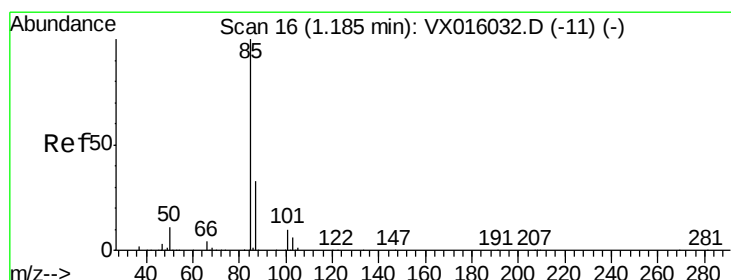
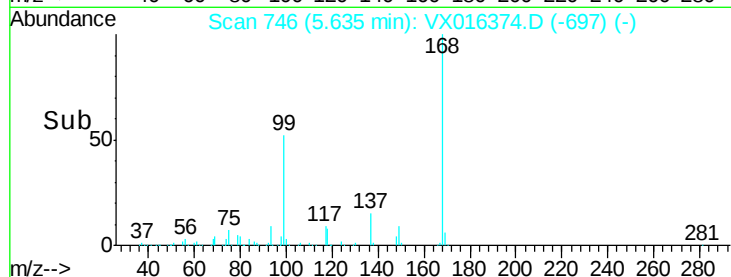
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.220 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016374.D

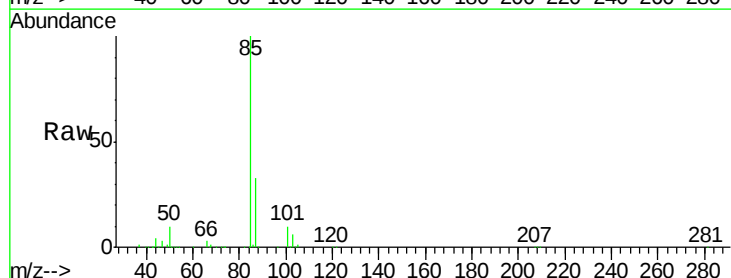
Acq: 20 May 2020 20:31

Tgt Ion: 85 Resp: 125243

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

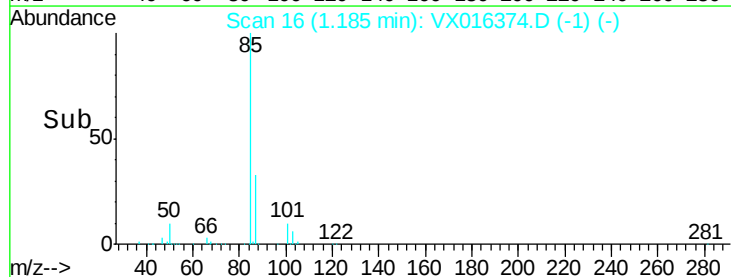
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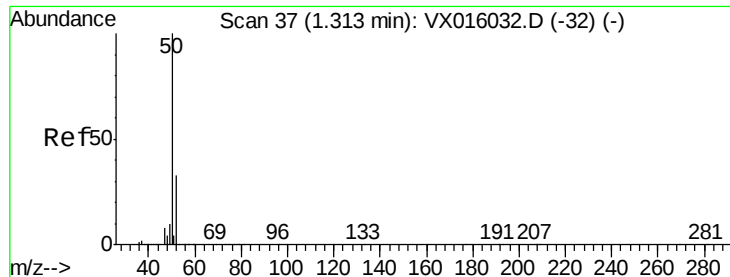
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.478 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 124682

Ion Ratio Lower Upper

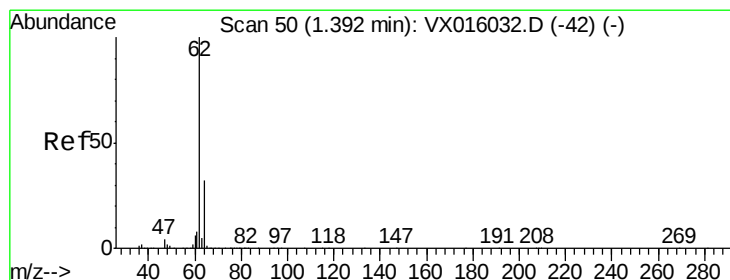
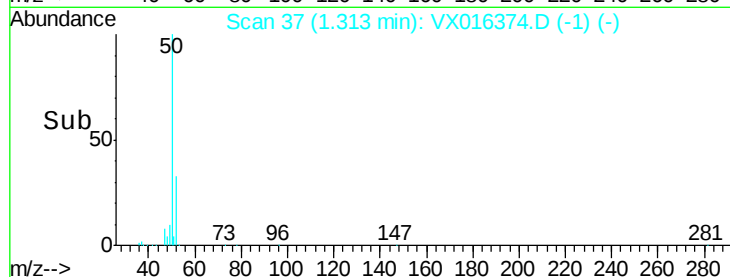
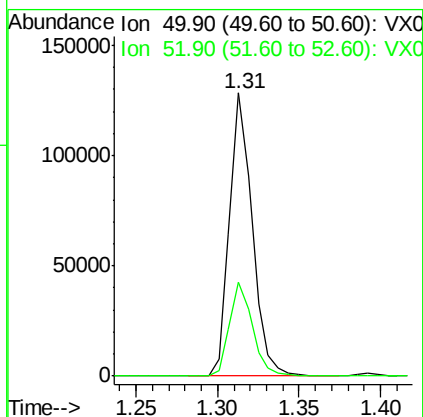
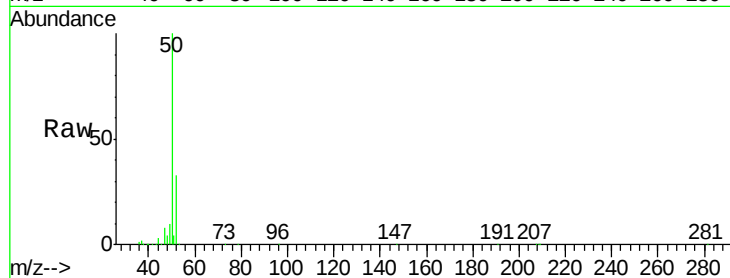
50 100

52 33.3 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.458 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016374.D

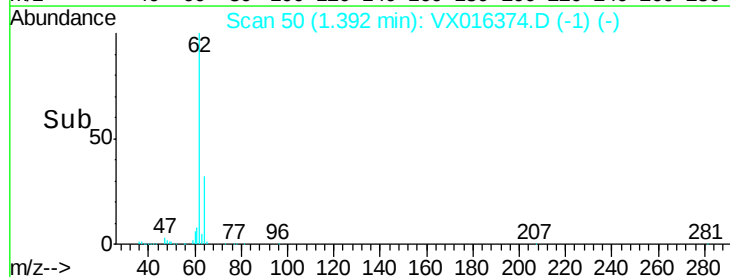
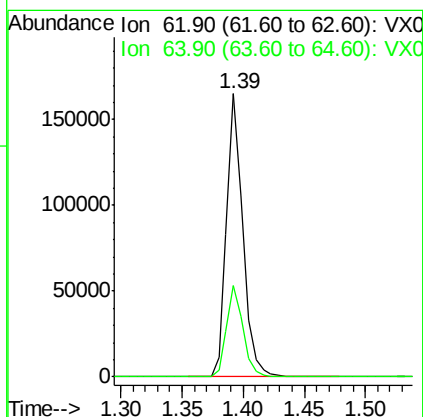
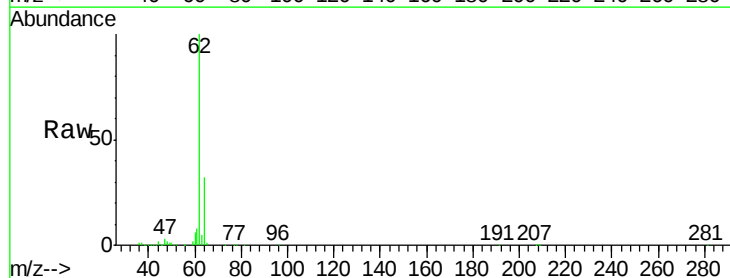
Acq: 20 May 2020 20:31

Tgt Ion: 62 Resp: 152672

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 28.196 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 46714

Ion Ratio Lower Upper

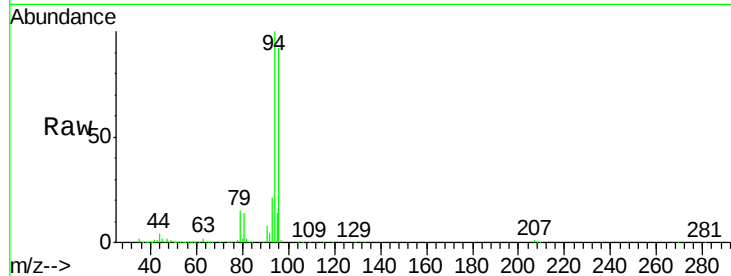
94 100

96 92.0 76.9 115.3

Manual Integrations
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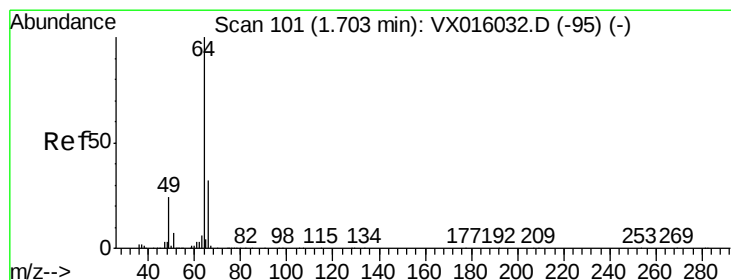
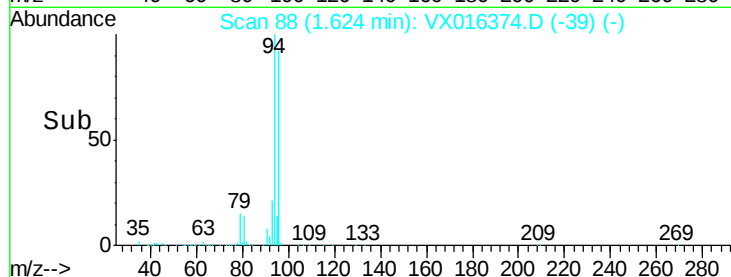
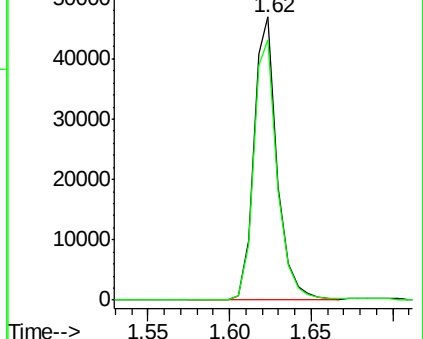
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.762 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016374.D

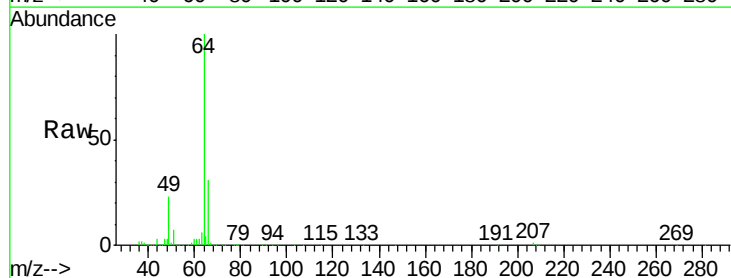
Acq: 20 May 2020 20:31

Tgt Ion: 64 Resp: 93502

Ion Ratio Lower Upper

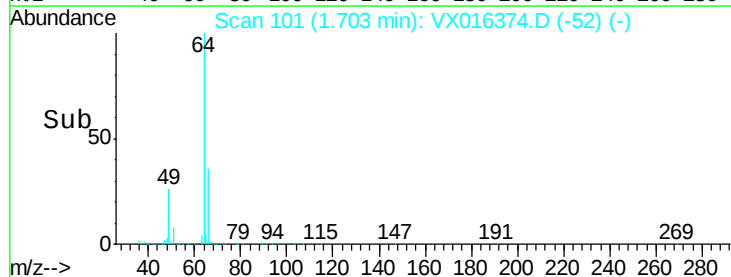
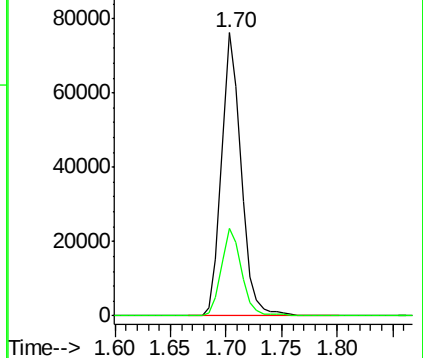
64 100

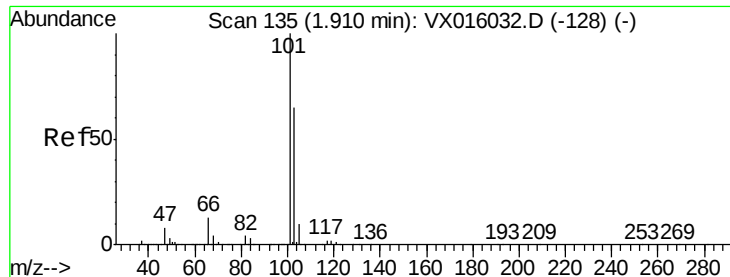
66 31.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

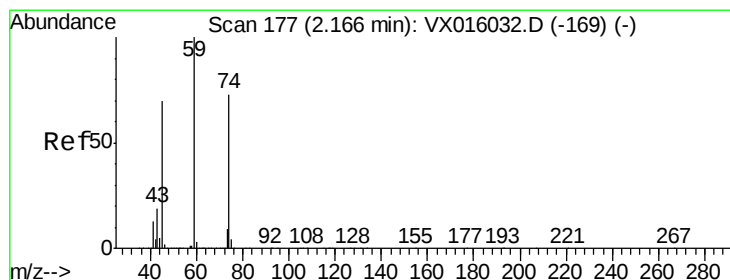
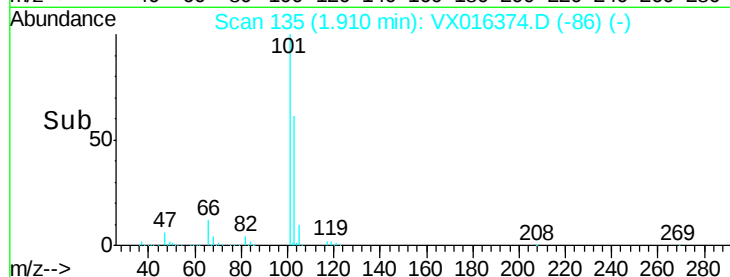
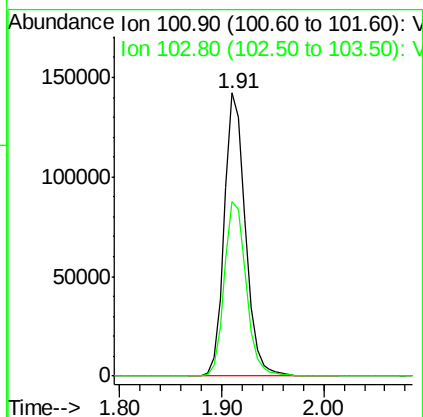
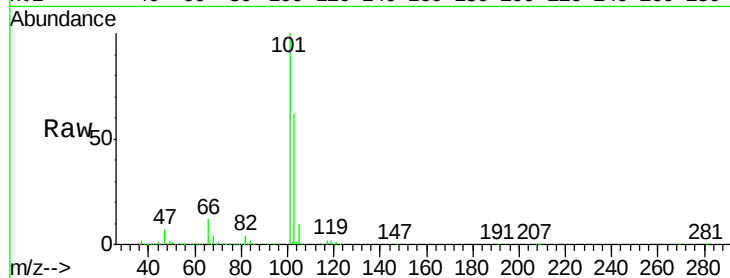
Trichlorofluoromethane
 Concen: 47.280 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	51.8	77.6

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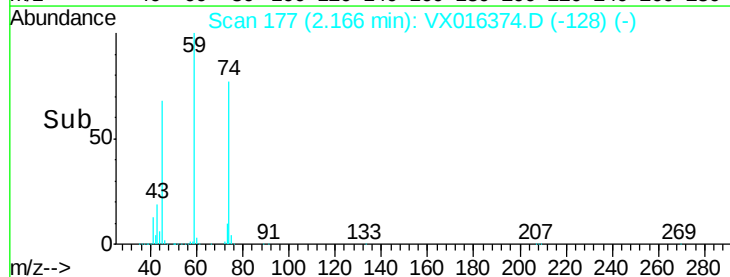
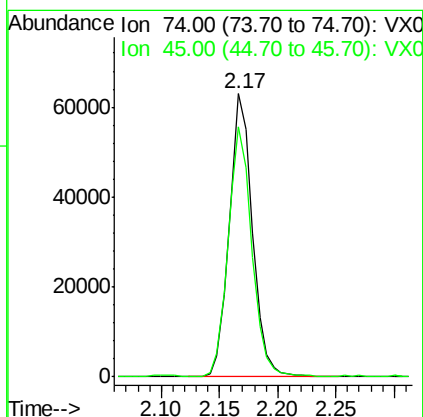
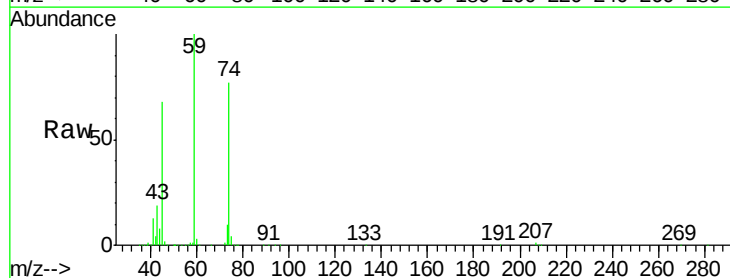
MMDadoda
 5/21/2020 1:15:31 PM

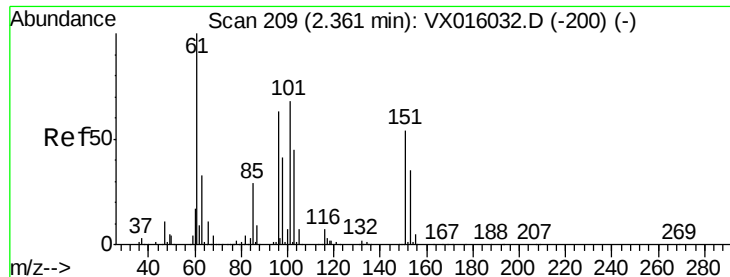


#8

Diethyl Ether
 Concen: 48.056 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.163 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

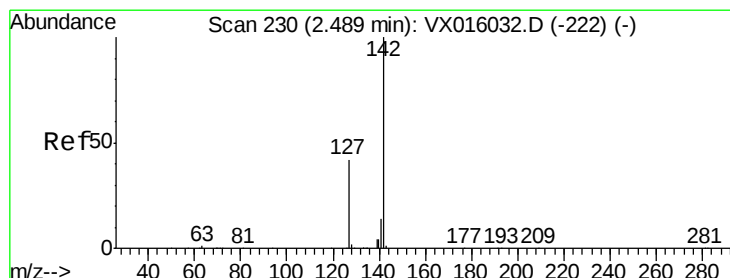
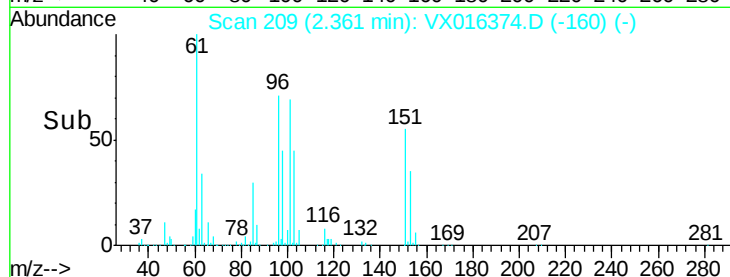
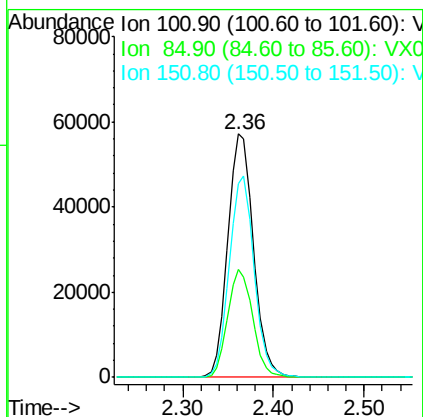
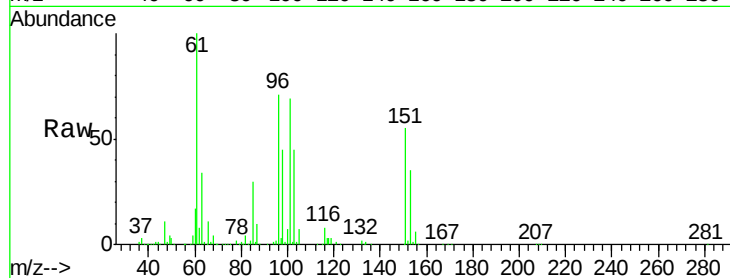
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	112416
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.4
151	80.2	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.250 ug/l

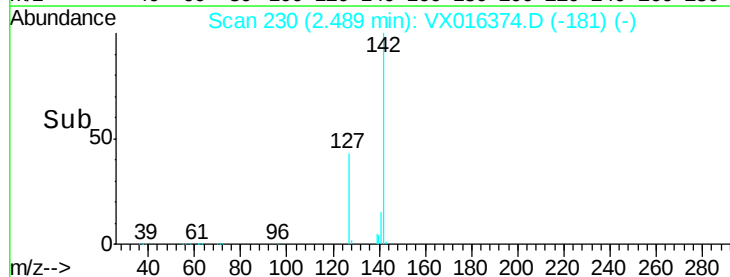
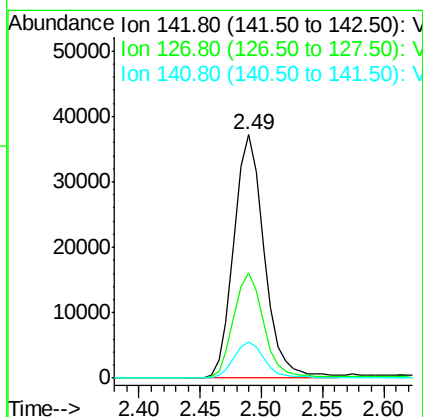
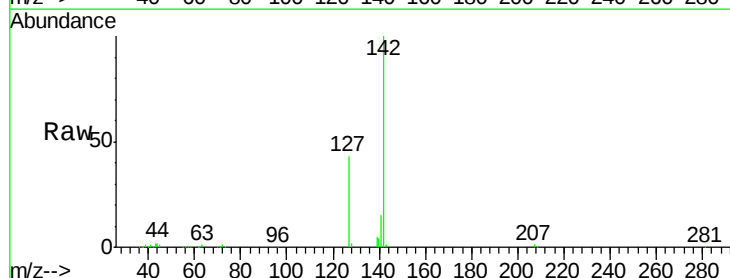
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion:	142	Resp:	64362
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.6	52.0
141	14.9	11.3	16.9





#11

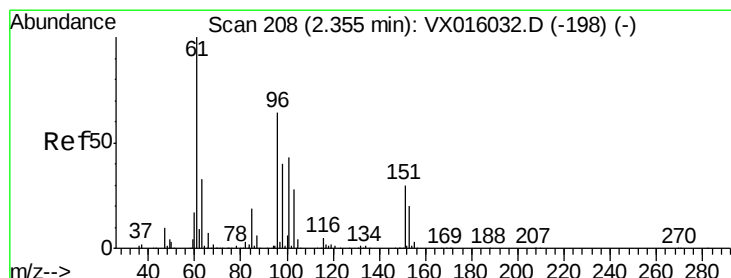
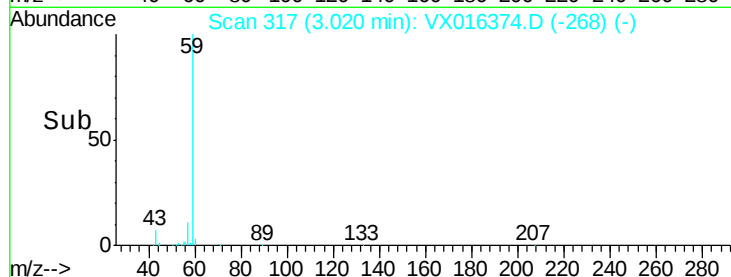
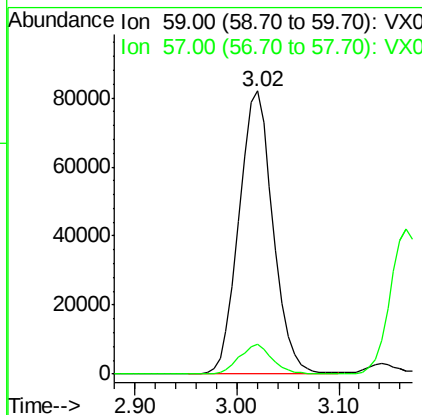
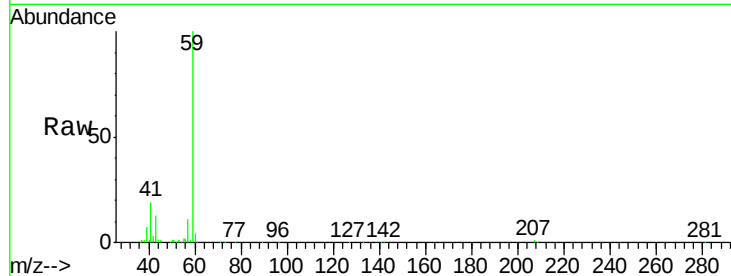
Tert butyl alcohol
Concen: 228.234 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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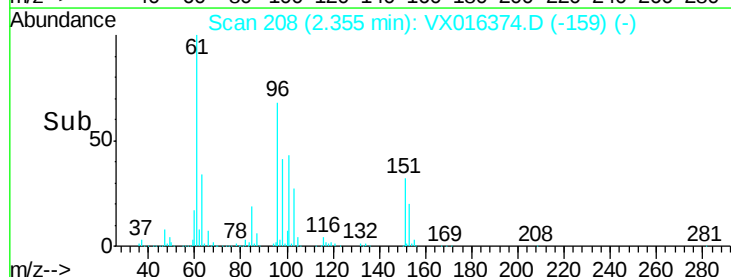
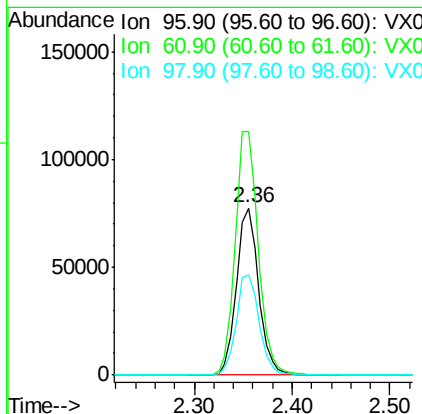
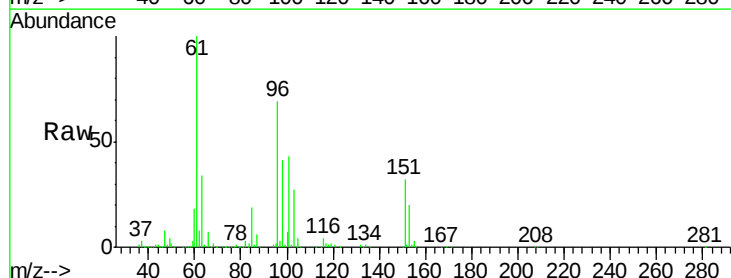
MMDadoda
5/21/2020 1:15:31 PM



#12

1,1-Dichloroethene
Concen: 46.685 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.0	124.8	187.2
98	60.2	49.7	74.5





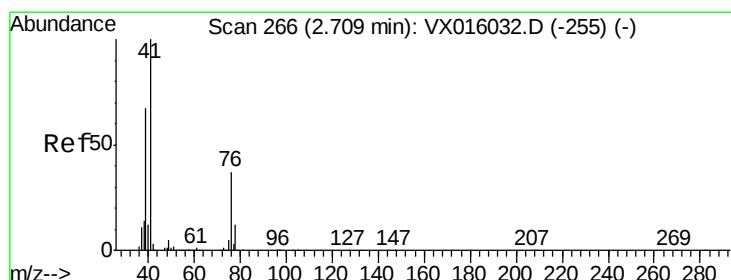
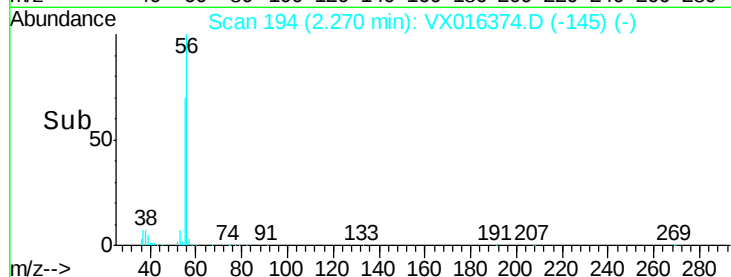
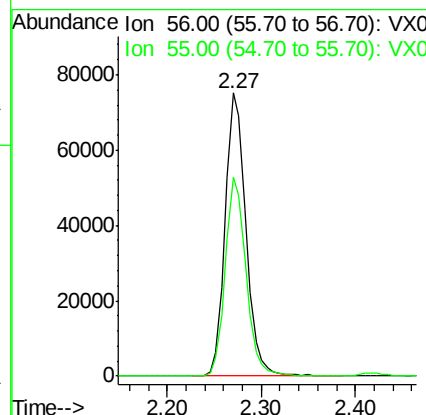
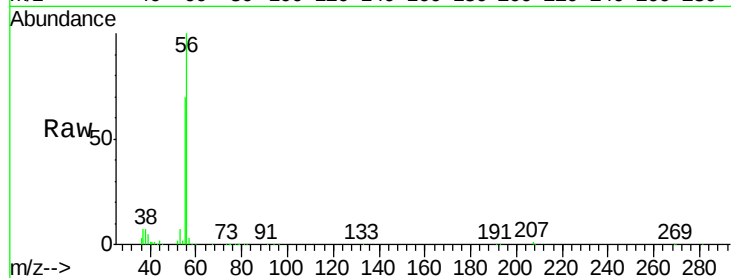
#13
Acrolein
Concen: 221.160 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.5	84.7

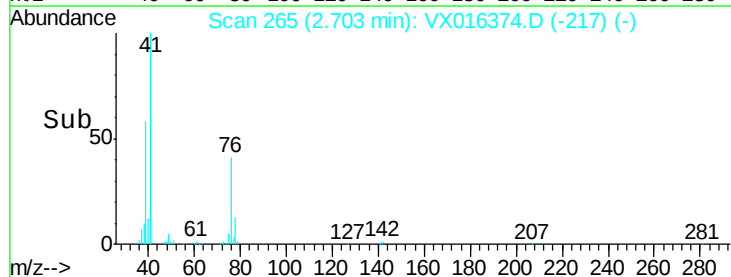
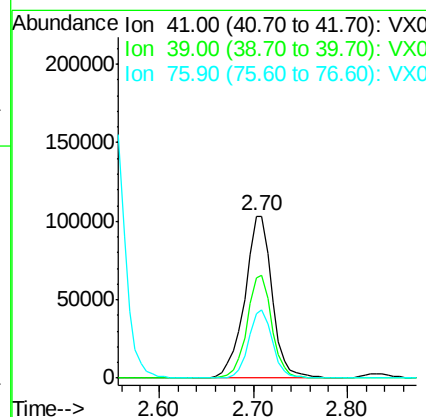
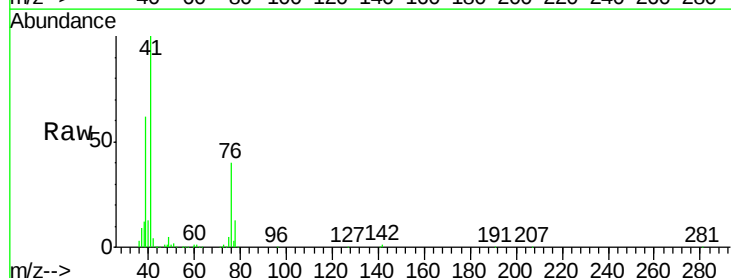
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#14
Allyl chloride
Concen: 44.083 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.4	50.5	75.7
76	36.6	26.6	40.0





#15

Acrylonitrile

Concen: 244.798 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

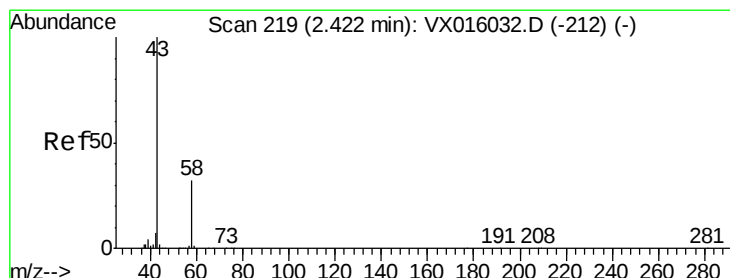
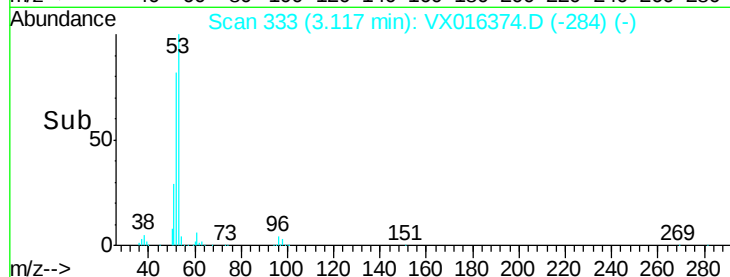
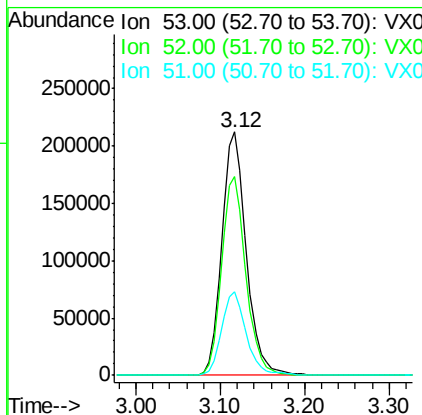
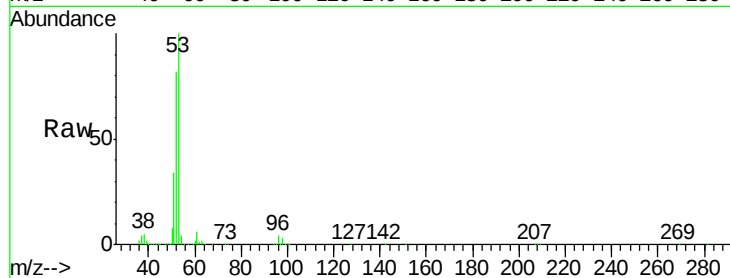
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	423442
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.1	99.1
51	34.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 218.706 ug/l

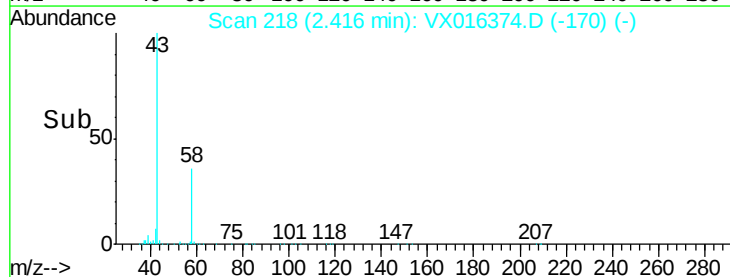
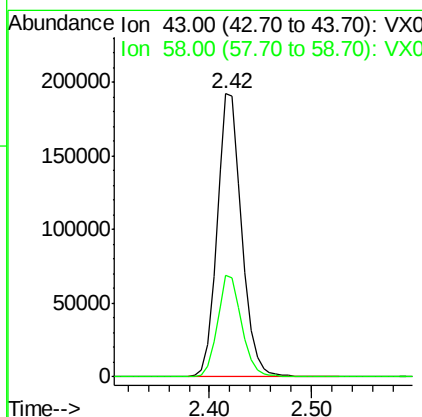
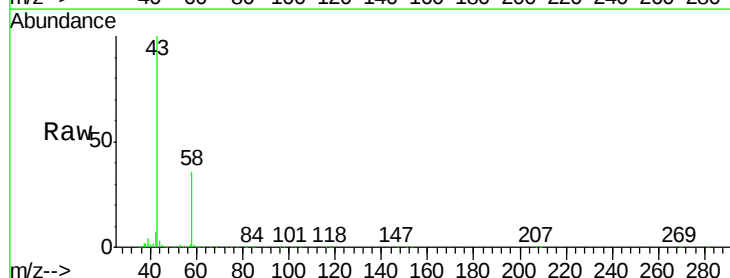
RT: 2.42 min Scan# 218

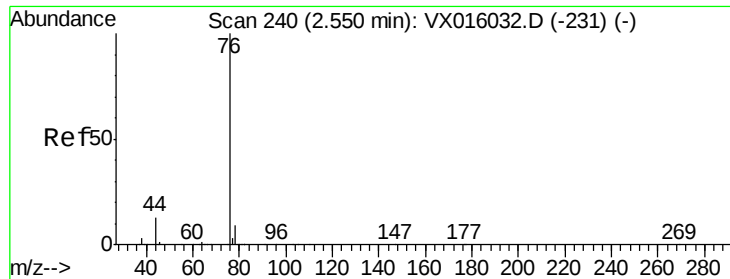
Delta R.T. -0.01 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion:	43	Resp:	321772
Ion	Ratio	Lower	Upper
43	100		
58	35.9	25.4	38.0





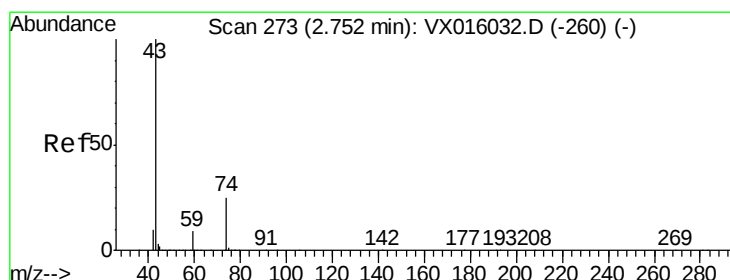
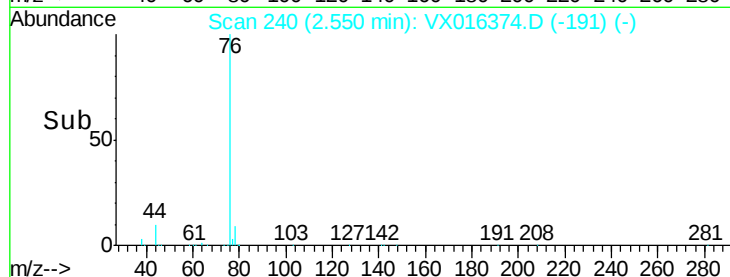
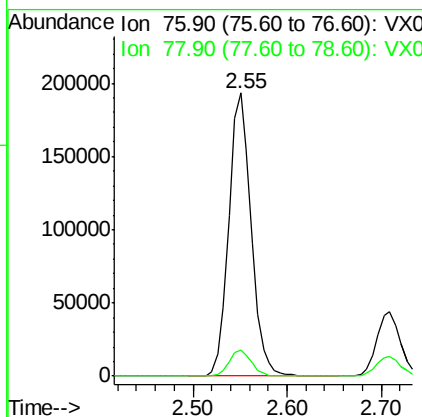
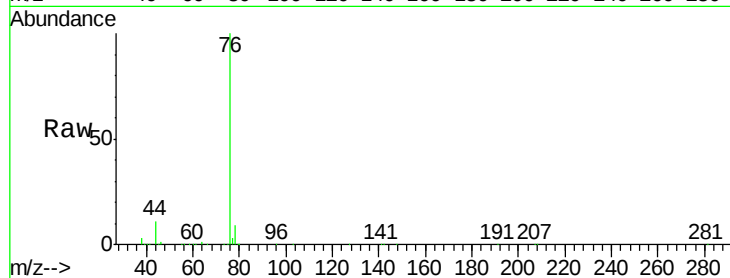
#17
Carbon Disulfide
Concen: 40.651 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

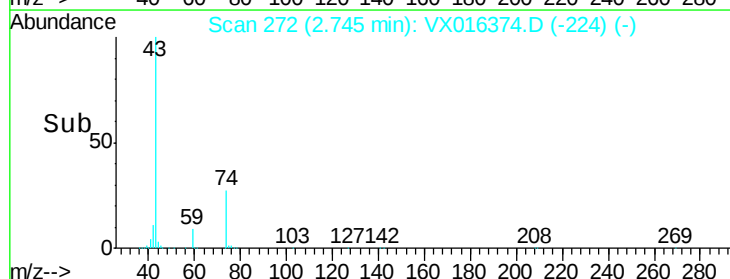
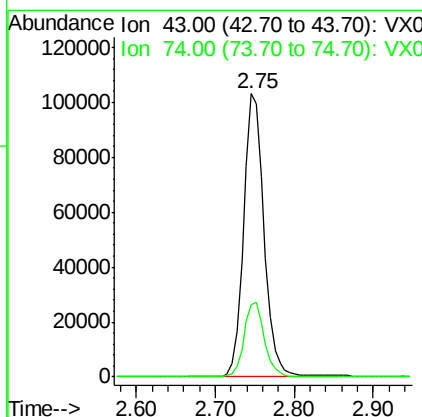
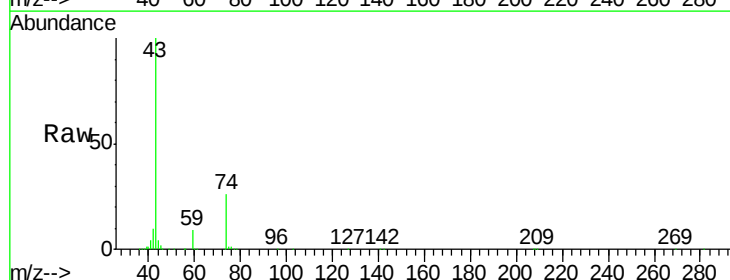
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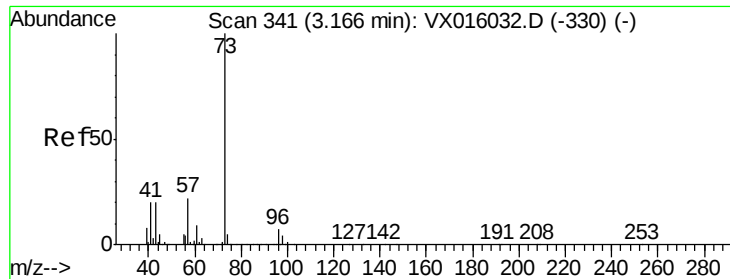
MMDadoda
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#18
Methyl Acetate
Concen: 51.033 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	20.2	30.2





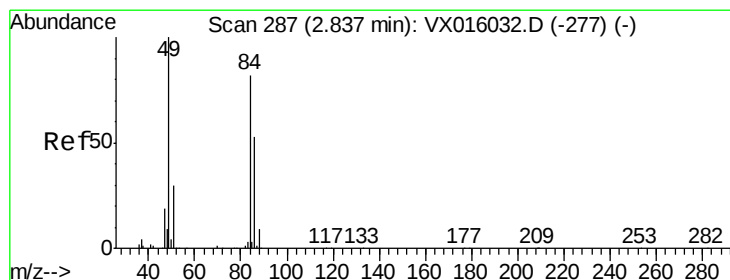
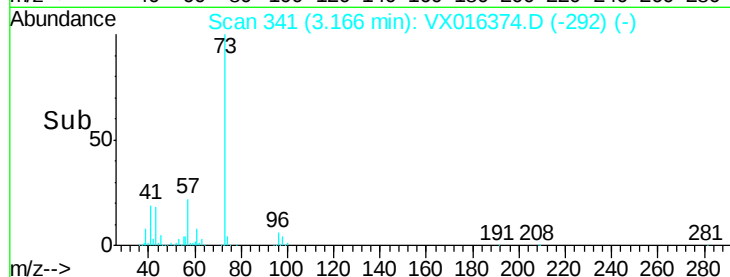
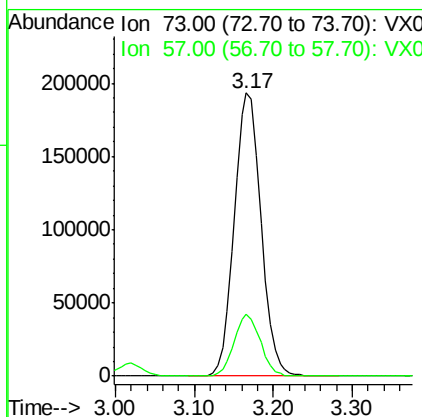
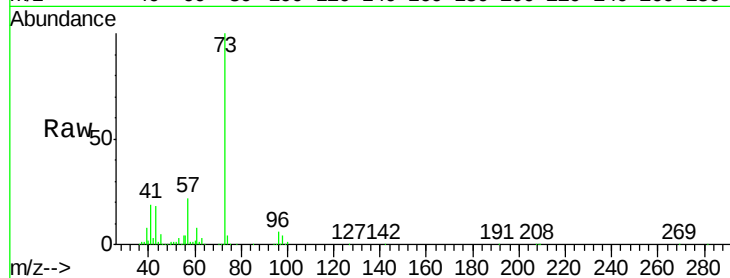
#19
Methvl tert-butvl Ether
Concen: 50.861 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

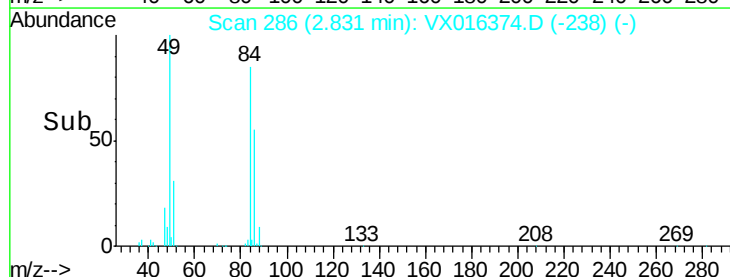
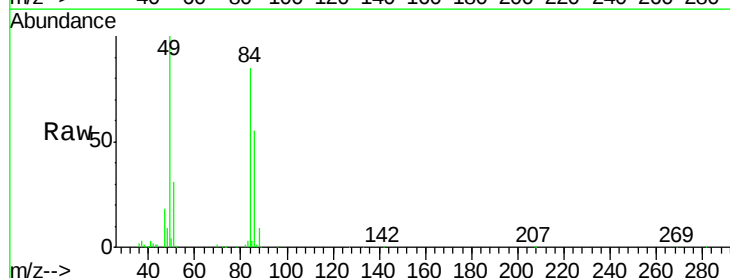
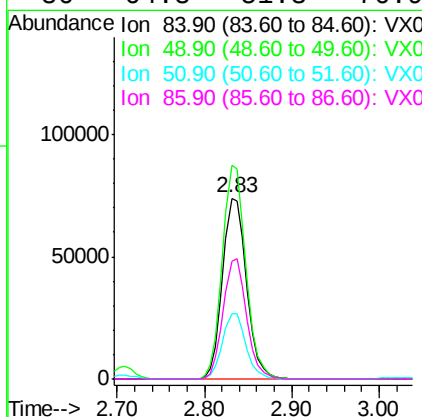
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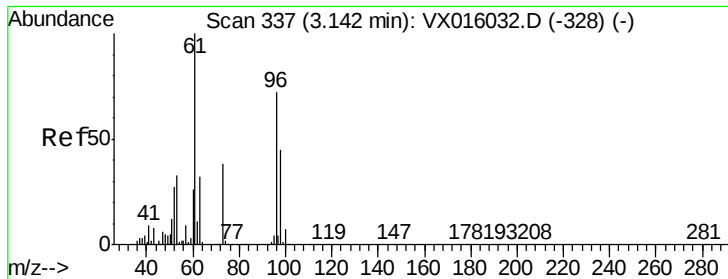
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#20
Methylene Chloride
Concen: 46.650 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	97.3	145.9
51	36.2	29.3	43.9
86	64.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.930 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

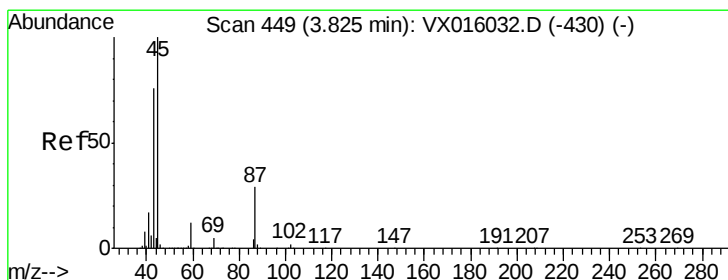
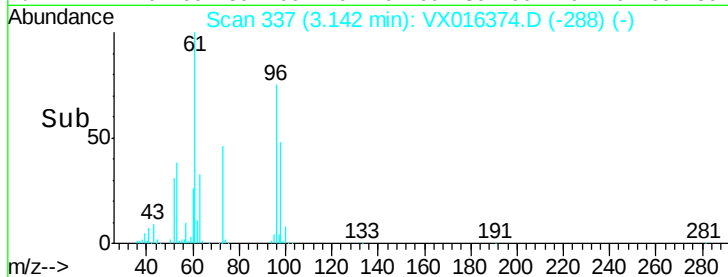
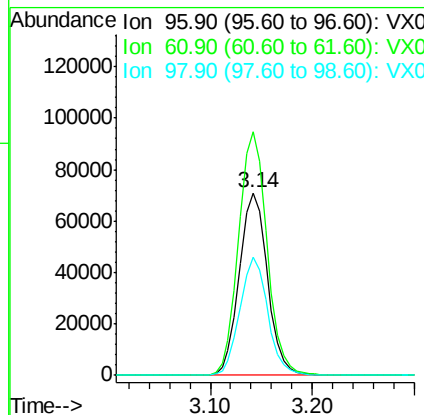
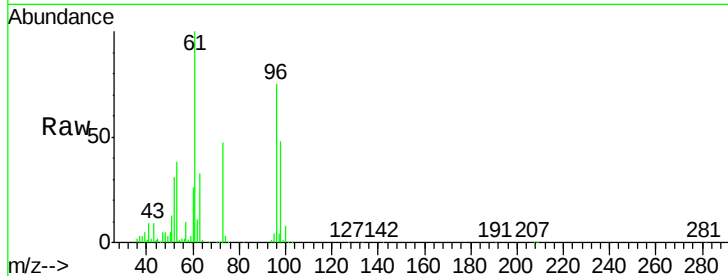
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	136224
Ion	Ratio	Lower	Upper
96	100		
61	133.3	111.2	166.8
98	64.5	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.622 ug/l

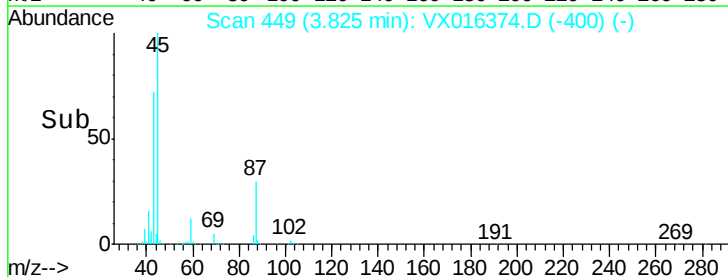
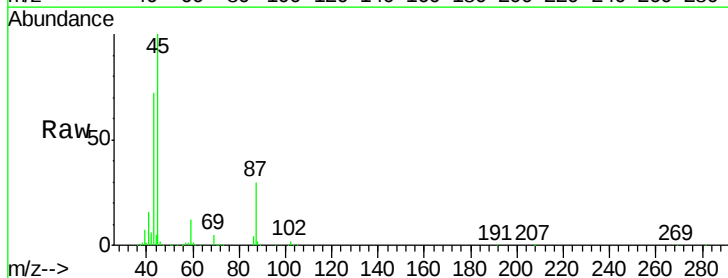
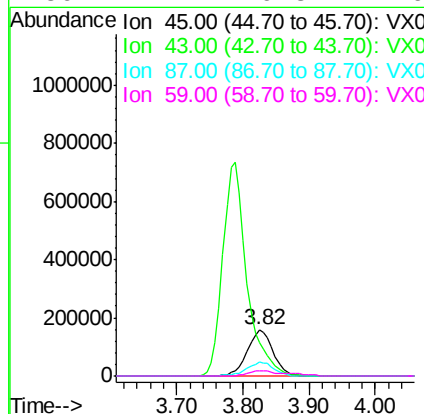
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion:	45	Resp:	429090
Ion	Ratio	Lower	Upper
45	100		
43	72.4	61.1	91.7
87	30.2	23.0	34.6
59	12.4	9.8	14.6





#23

Vinyl Acetate

Concen: 234.051 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1855345

Ion Ratio Lower Upper

43 100

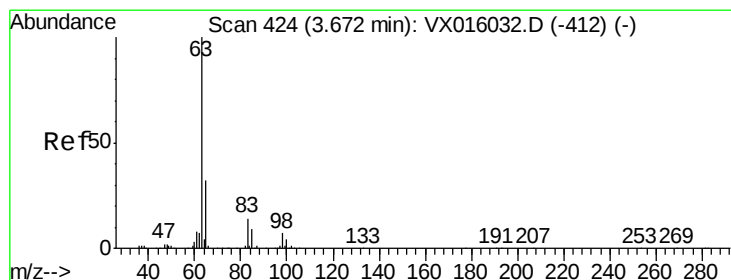
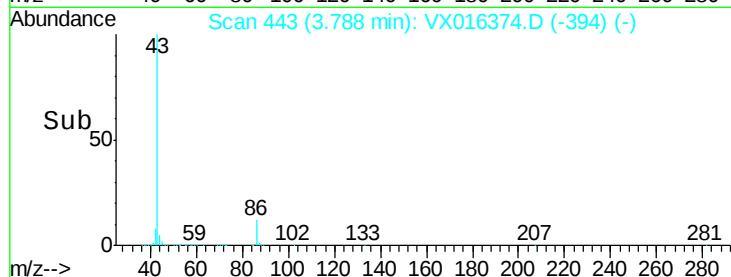
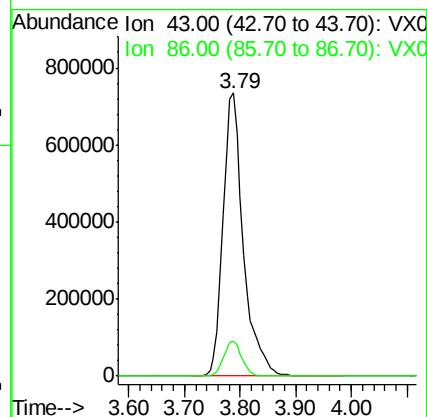
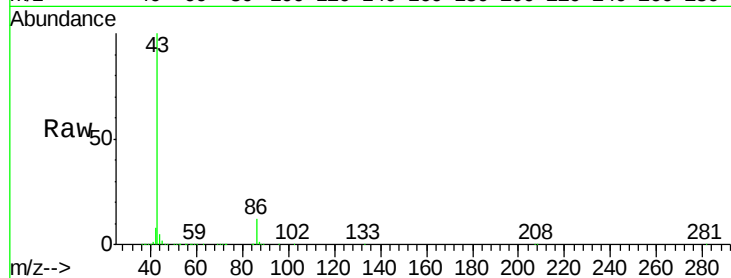
86 12.2 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.009 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

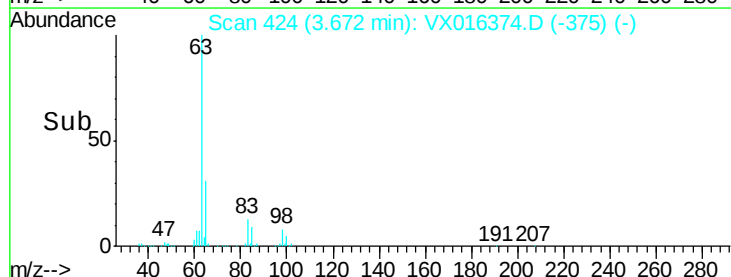
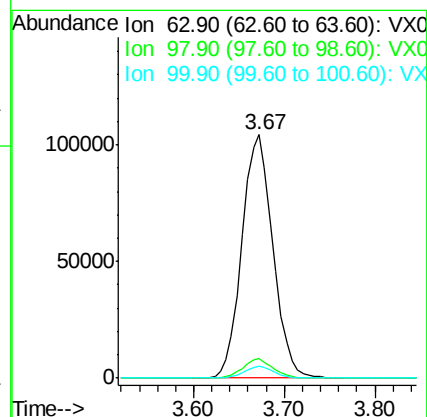
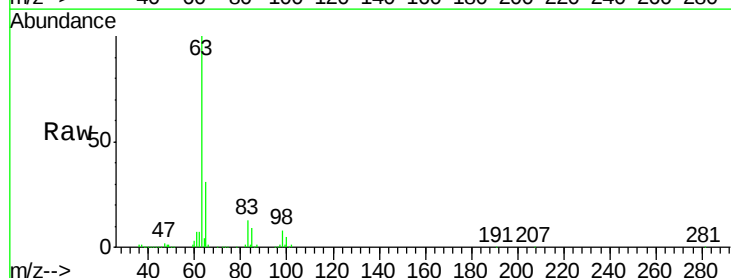
Tgt Ion: 63 Resp: 247023

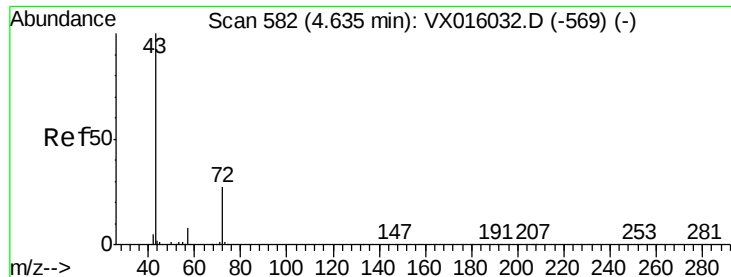
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 5.0 2.1 6.5





#25

2-Butanone

Concen: 238.220 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 564767

Ion Ratio Lower Upper

43 100

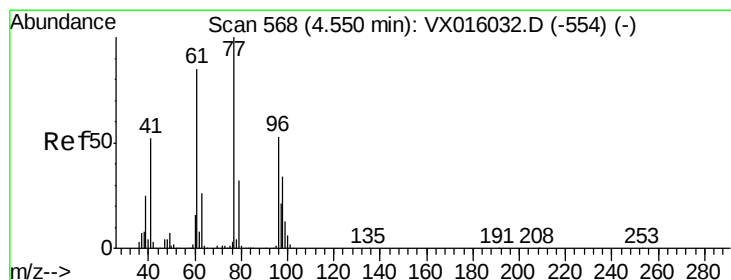
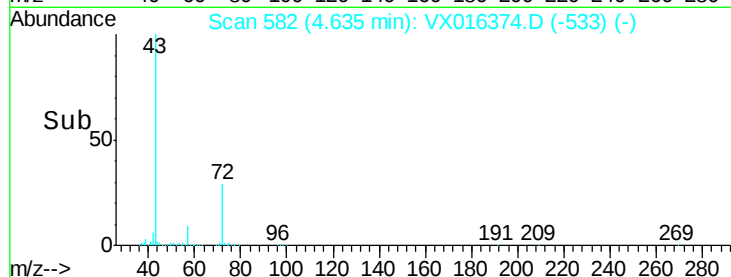
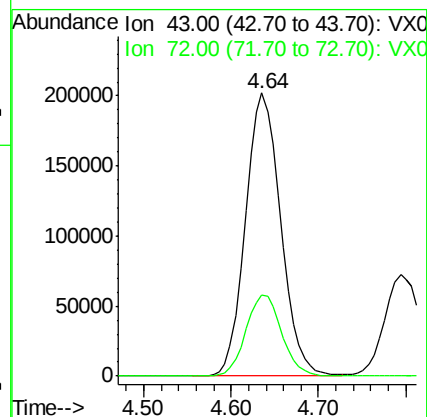
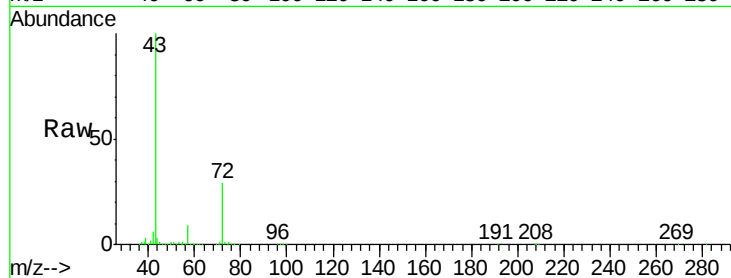
72 28.7 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.043 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016374.D

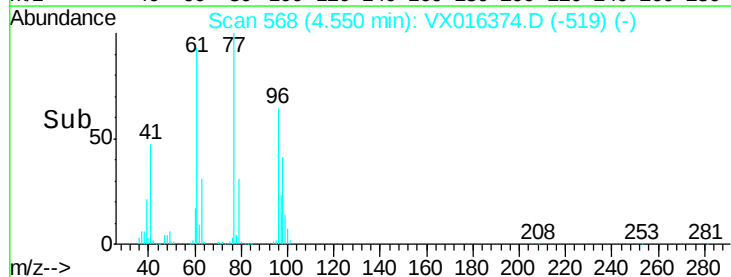
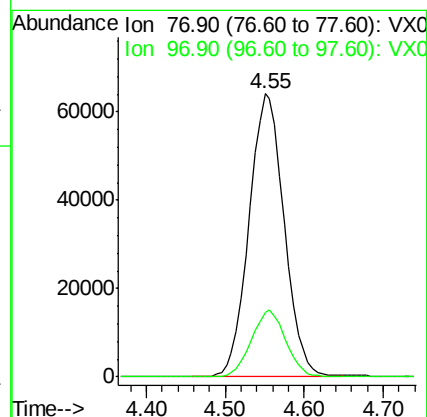
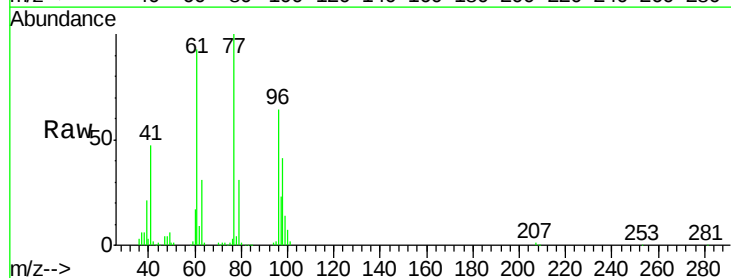
Acq: 20 May 2020 20:31

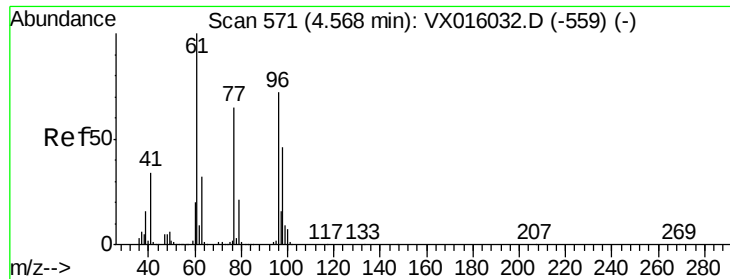
Tgt Ion: 77 Resp: 198129

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6





#27

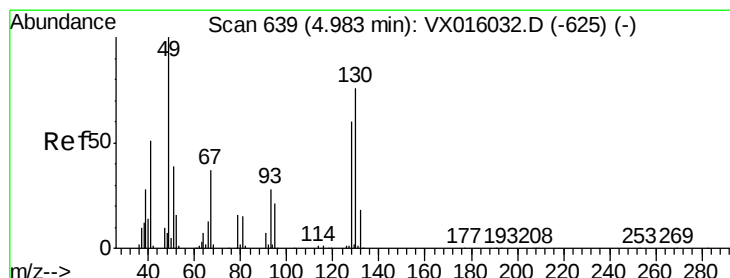
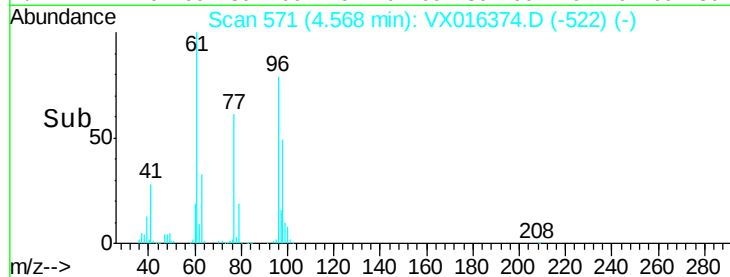
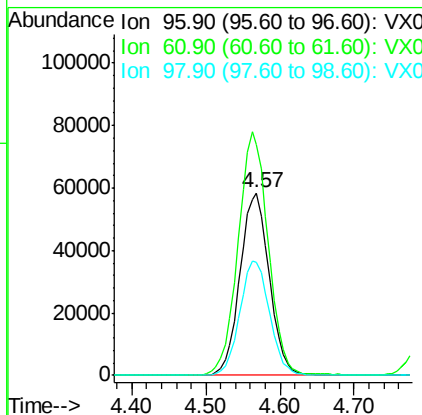
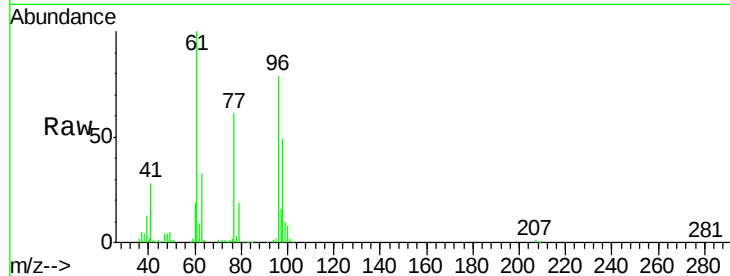
cis-1,2-Dichloroethene
Concen: 50.916 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	161575		
61	137.4	0.0	296.2	
98	63.7	0.0	129.4	

Manual Integrations
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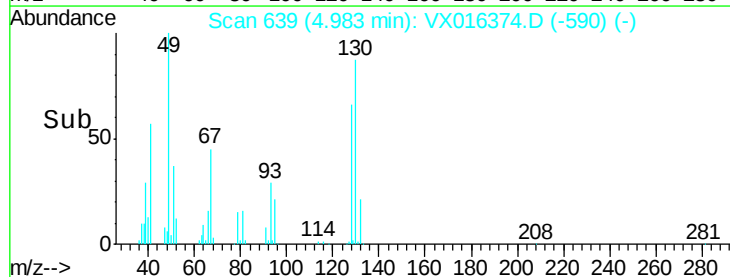
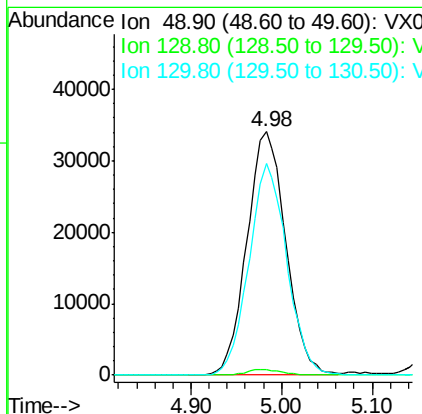
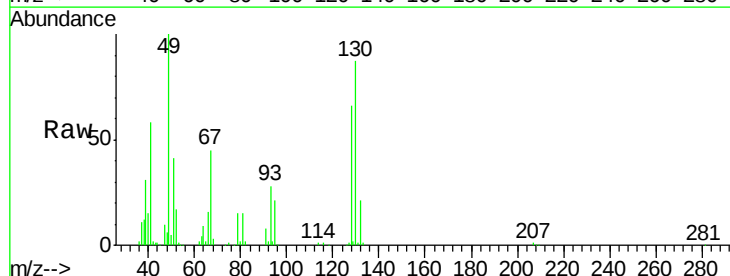
MMDadoda
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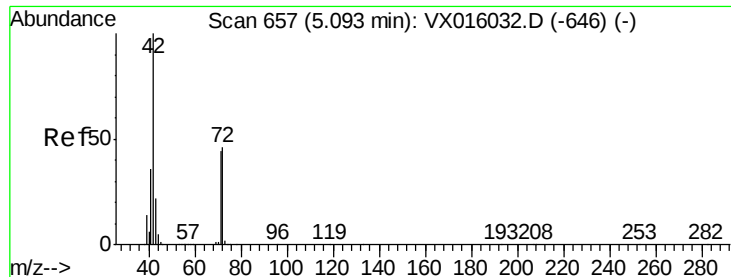


#28

Bromochloromethane
Concen: 44.094 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101341		
129	2.2	0.0	4.0	
130	84.3	62.4	93.6	





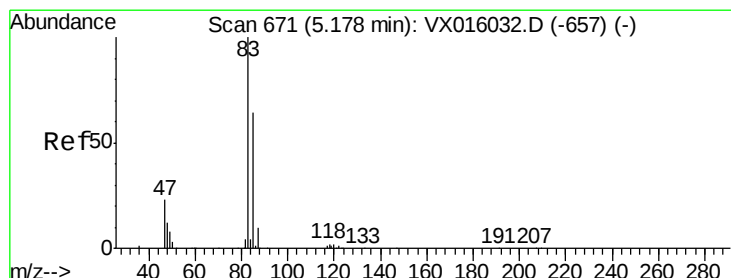
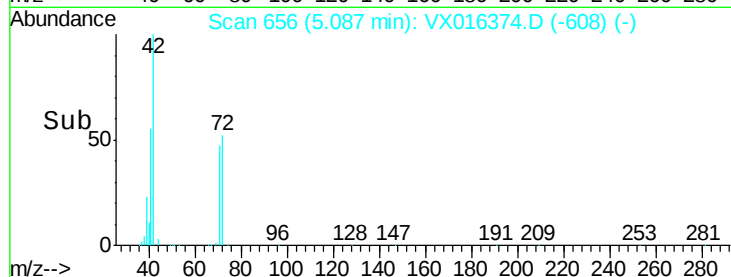
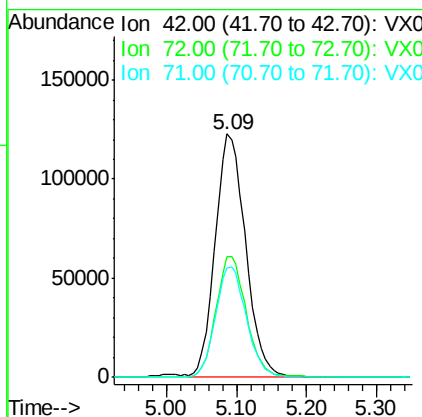
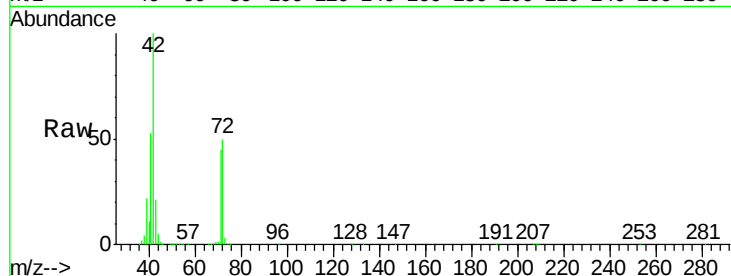
#29
Tetrahydrofuran
Concen: 235.135 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	37.1	55.7
71	46.3	34.5	51.7

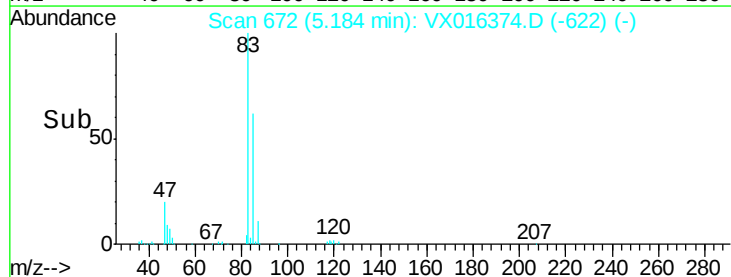
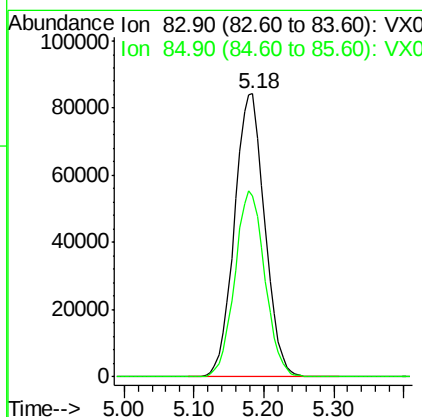
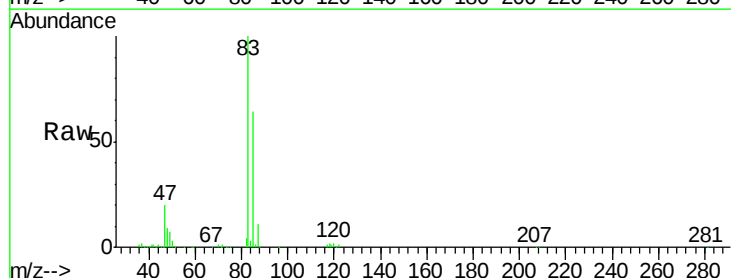
Manual Integrations
APPROVED

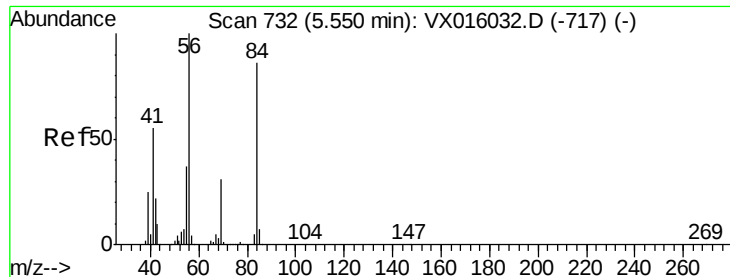
MMDadoda
5/21/2020 1:15:31 PM



#30
Chloroform
Concen: 50.575 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4





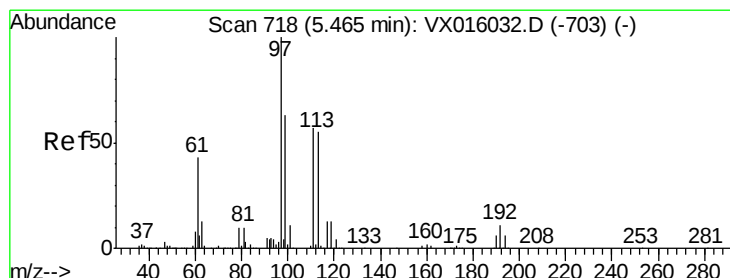
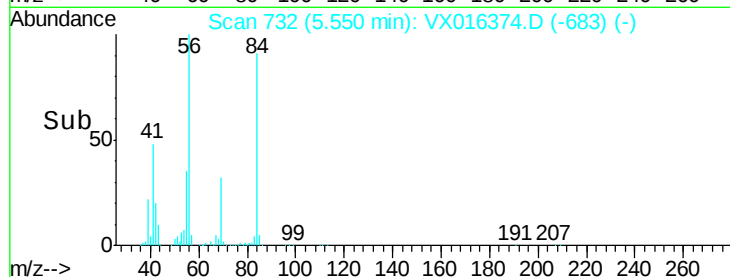
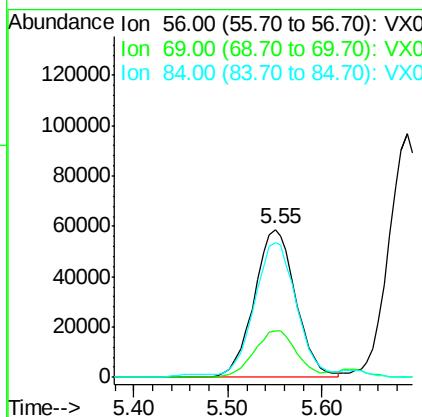
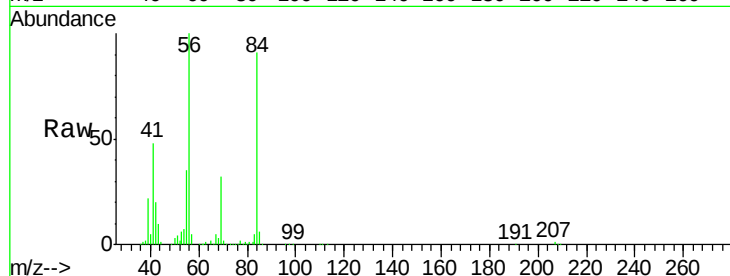
#31
Cyclohexane
Concen: 39.687 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.0	37.6
84	88.7	69.0	103.6

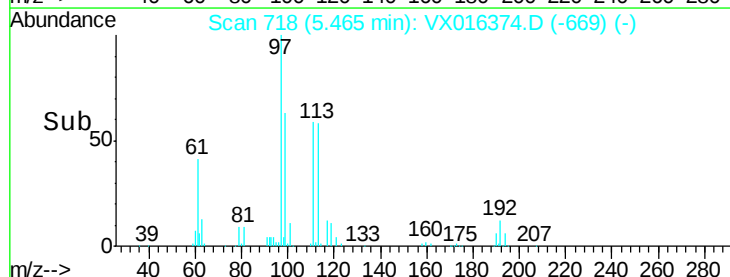
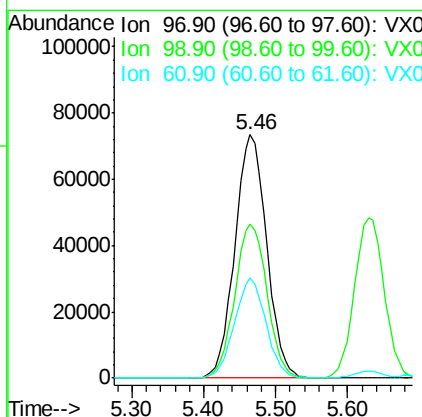
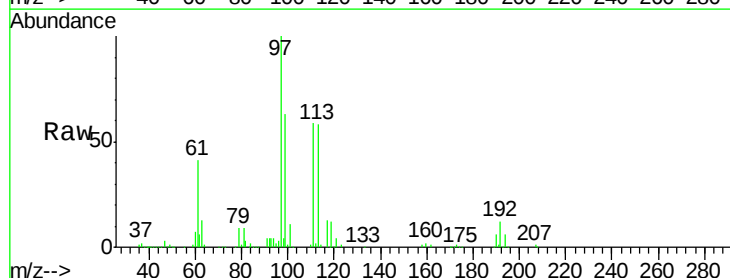
Manual Integrations
APPROVED

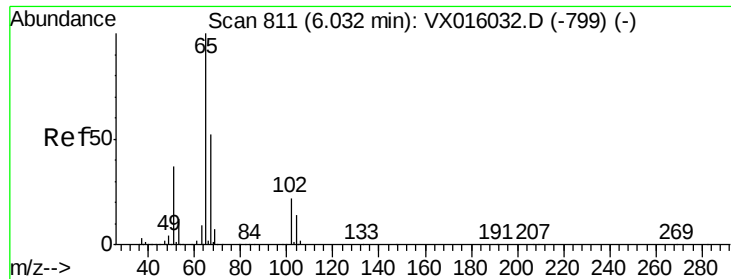
MMDadoda
5/21/2020 1:15:31 PM



#32
1,1,1-Trichloroethane
Concen: 49.299 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	40.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 44.362 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 146277

Ion Ratio Lower Upper

65 100

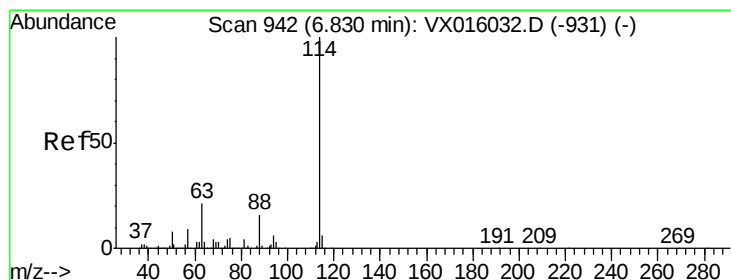
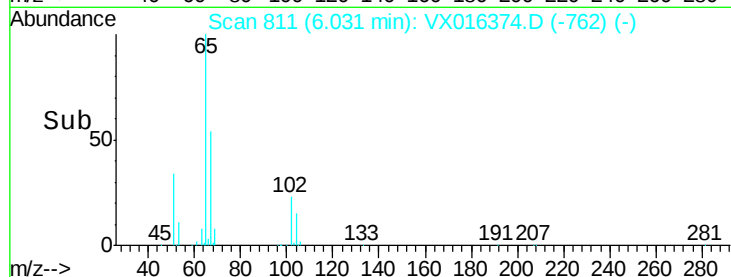
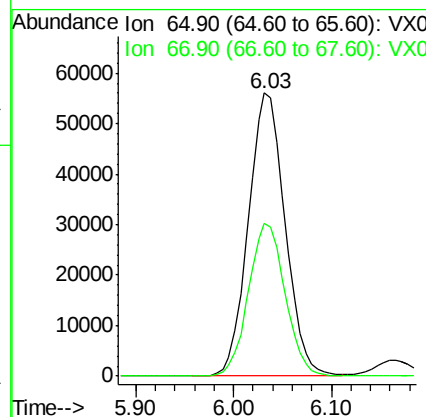
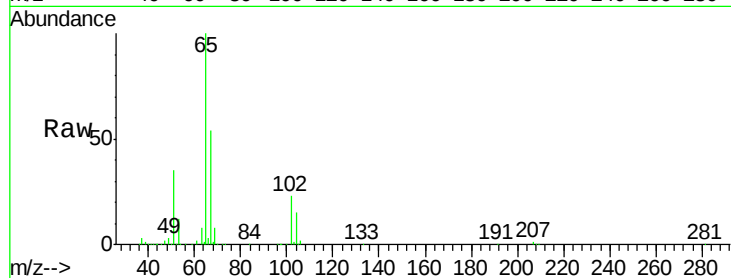
67 53.9 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

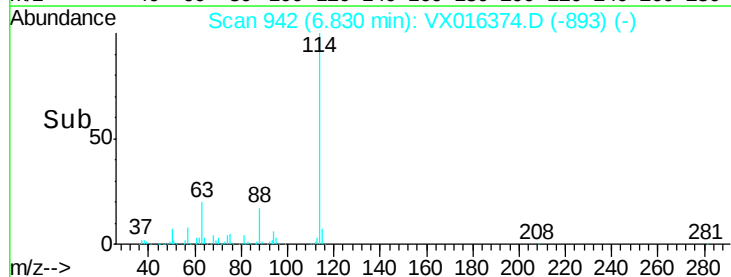
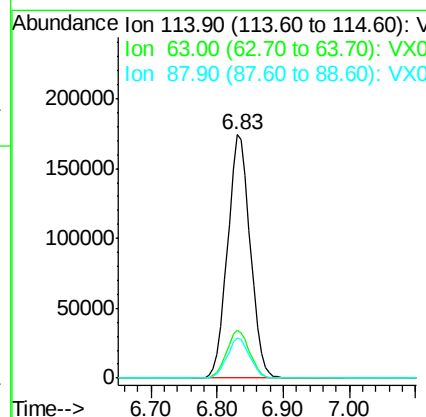
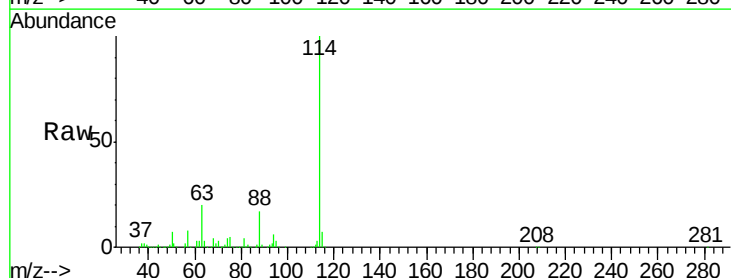
Tgt Ion: 114 Resp: 412573

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.5 0.0 31.4





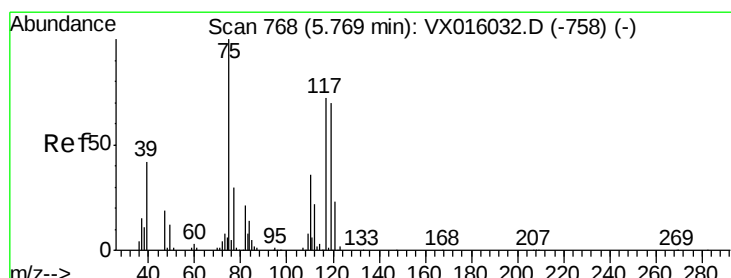
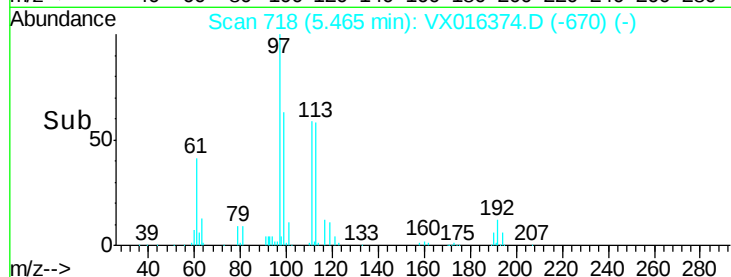
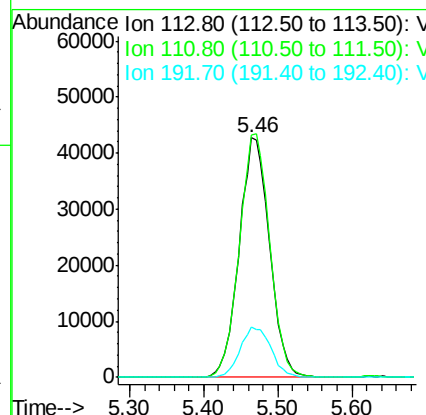
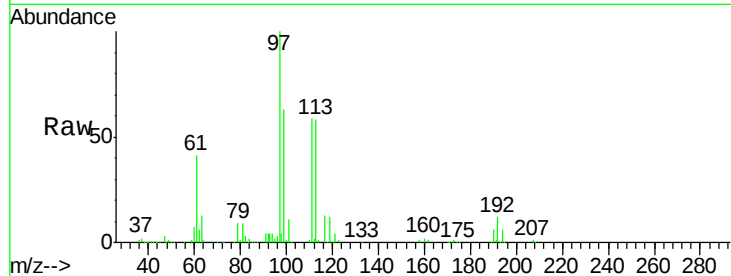
#35
Dibromofluoromethane
Concen: 46.760 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122222		
111	101.7	81.6	122.4	
192	21.5	17.0	25.4	

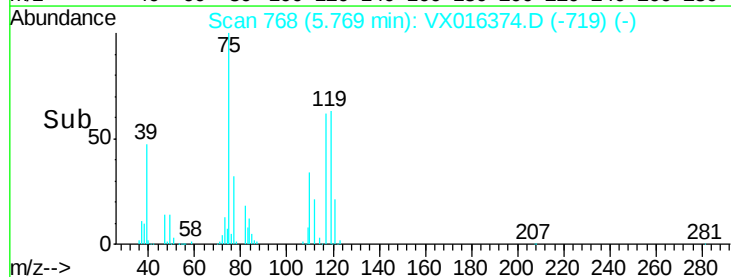
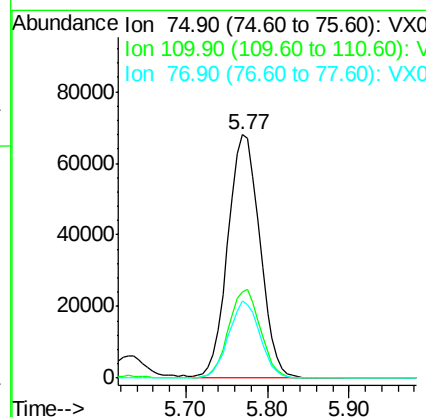
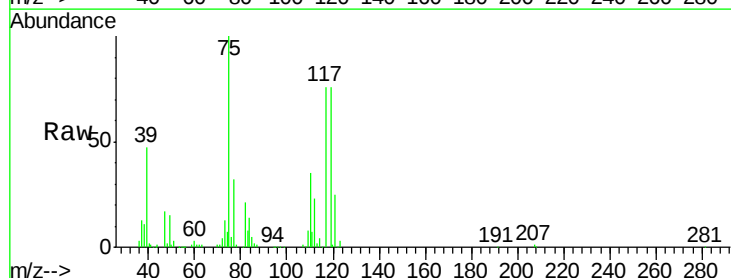
Manual Integrations
APPROVED

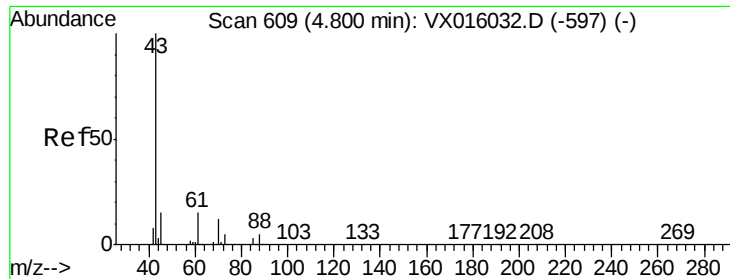
MMDadoda
5/21/2020 1:15:31 PM



#36
1,1-Dichloropropene
Concen: 45.485 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	184726		
110	36.0	18.1	54.1	
77	31.0	25.0	37.6	





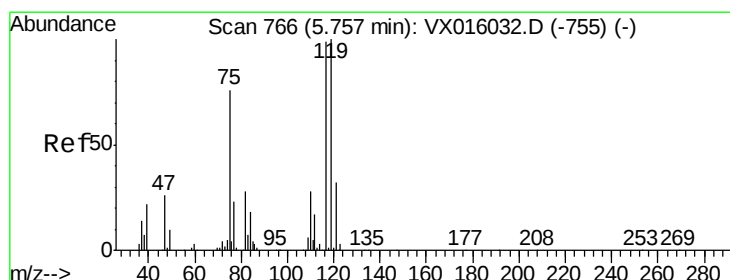
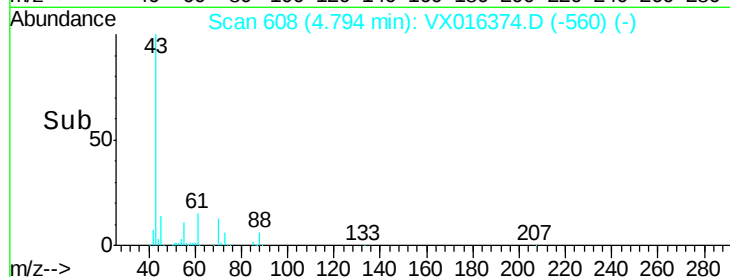
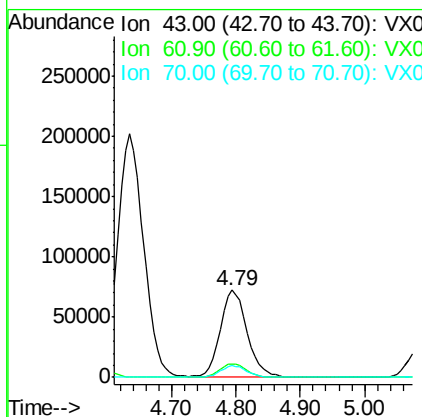
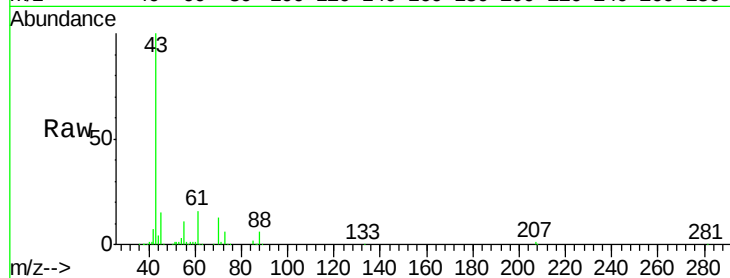
#37
Ethyl Acetate
Concen: 44.990 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	211768
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	12.9	9.3	13.9

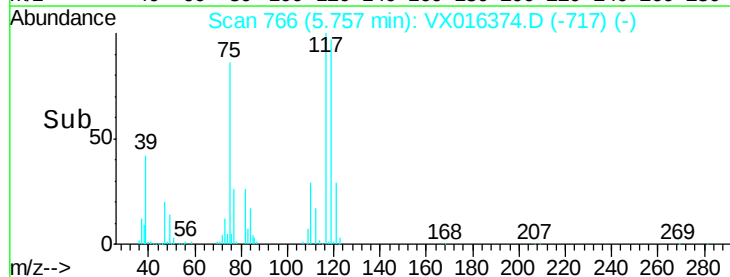
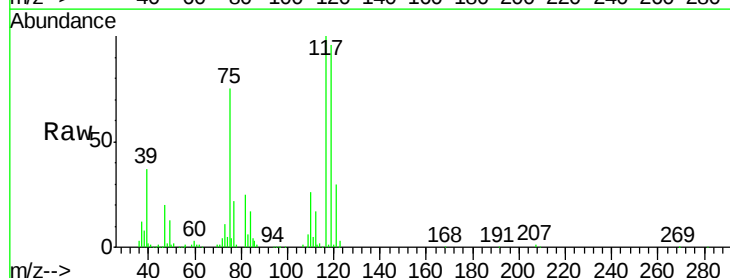
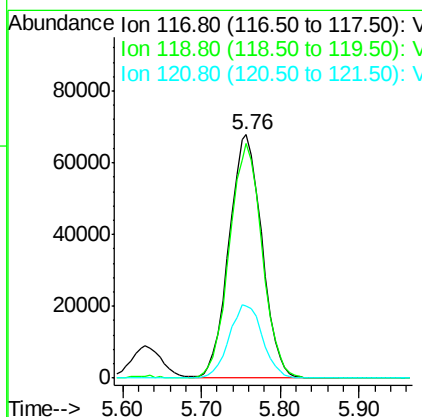
Manual Integrations
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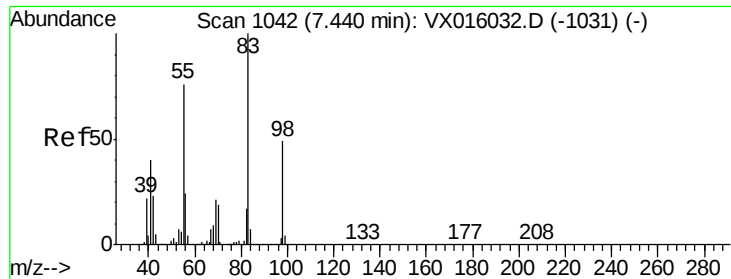
MMDadoda
5/21/2020 1:15:31 PM



#38
Carbon Tetrachloride
Concen: 47.684 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion:	117	Resp:	196836
Ion	Ratio	Lower	Upper
117	100		
119	96.2	80.3	120.5
121	29.6	25.7	38.5





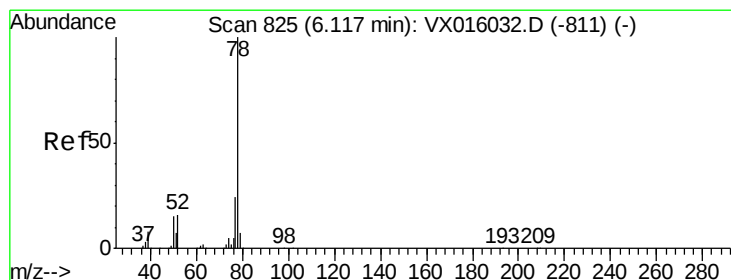
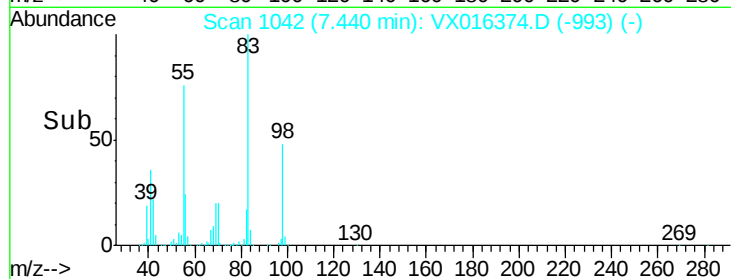
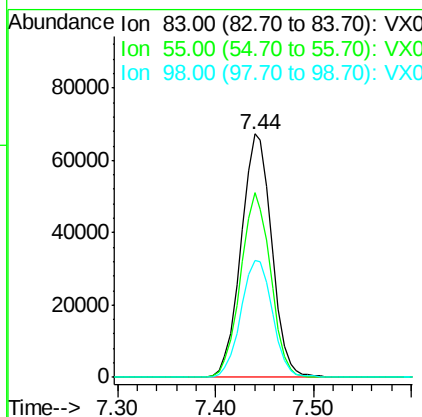
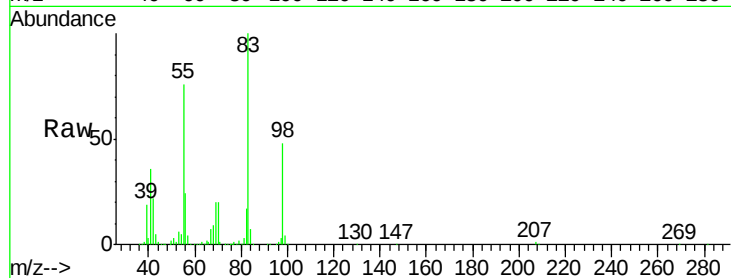
#39
Methvlcvclohexane
Concen: 29.911 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.1	91.7
98	48.1	39.0	58.4

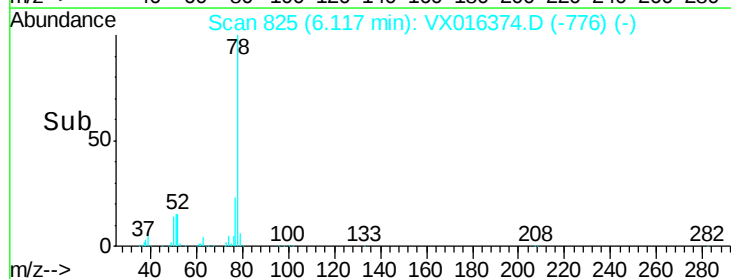
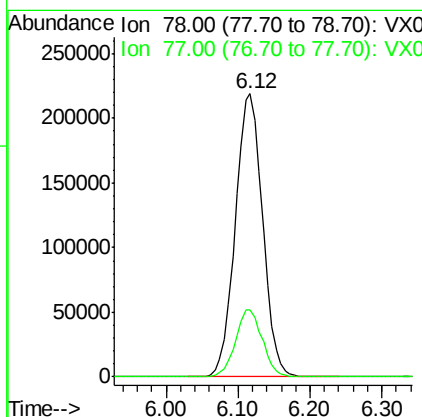
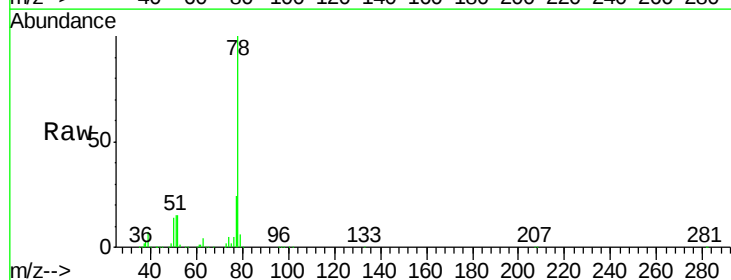
Manual Integrations
APPROVED

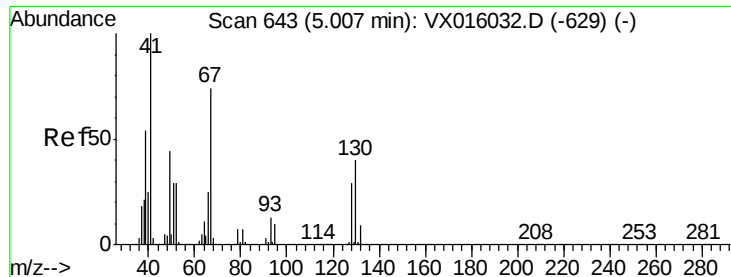
MMDadoda
5/21/2020 1:15:31 PM



#40
Benzene
Concen: 48.433 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





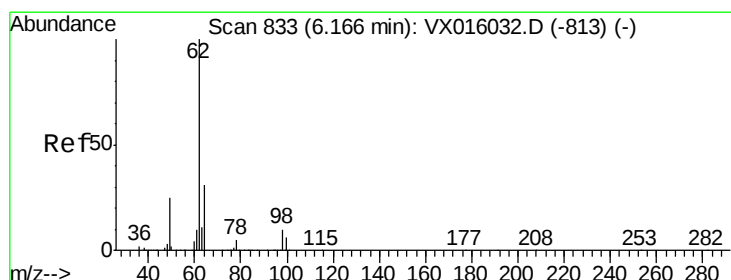
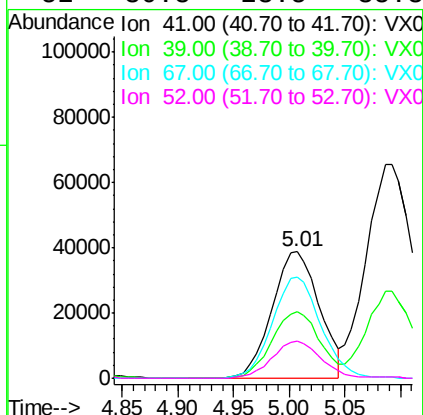
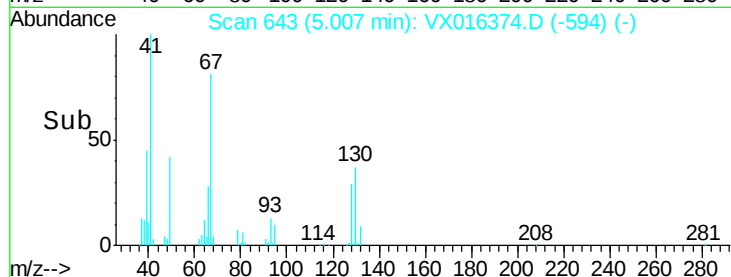
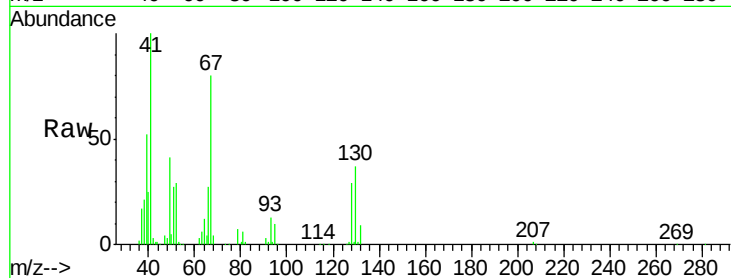
#41
Methacrylonitrile
Concen: 45.118 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	43.2	64.8	
67	81.8	59.3	88.9	
52	30.8	23.5	35.3	

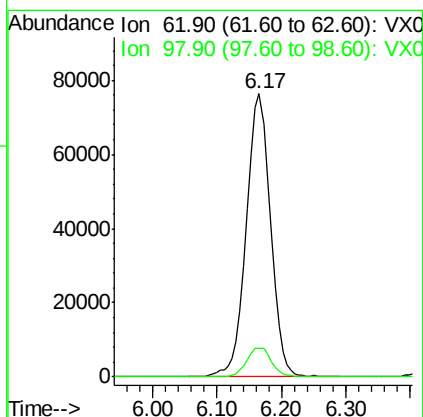
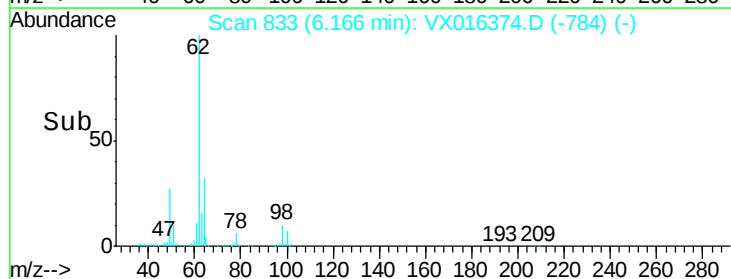
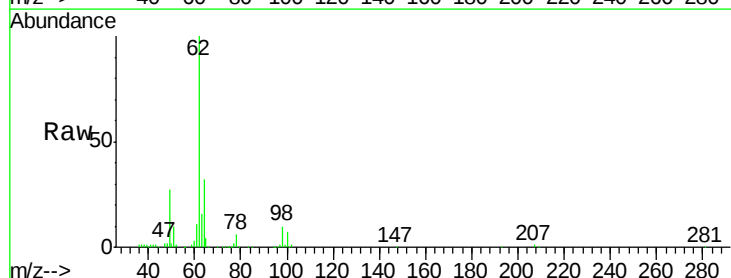
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 45.942 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	19.4	





#43

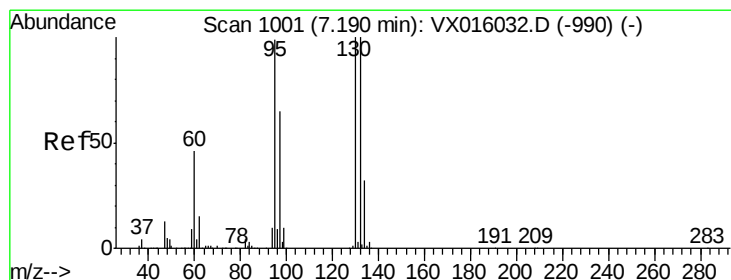
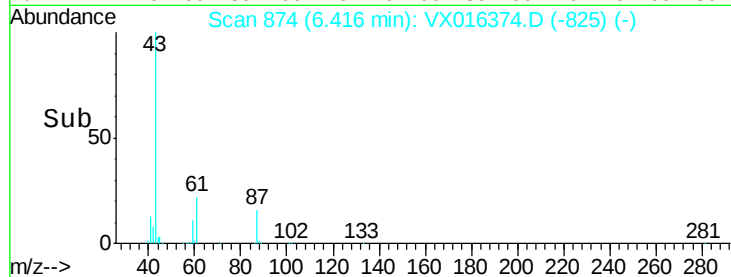
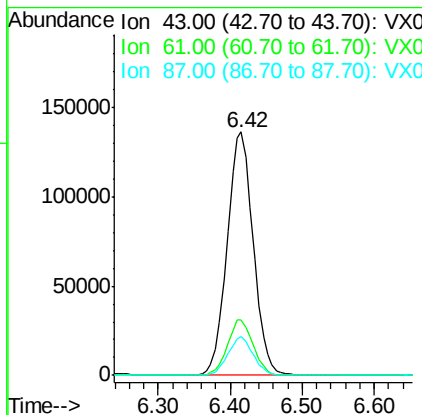
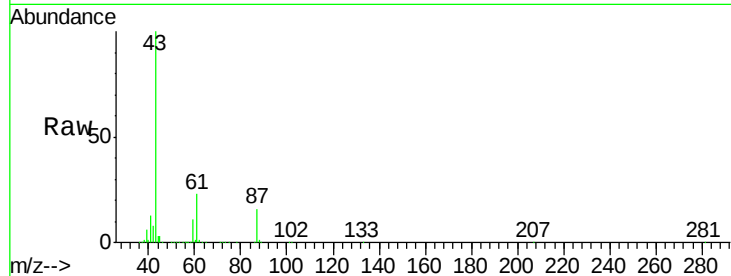
Isopropyl Acetate
 Concen: 45.496 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	341684
Ion Ratio	100	Lower	Upper
43	100		
61	22.6	17.0	25.4
87	15.5	11.0	16.6

Manual Integrations
 APPROVED

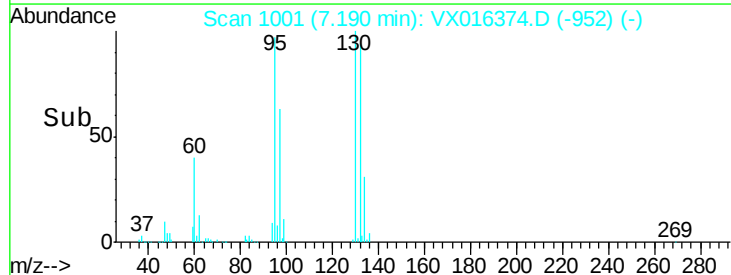
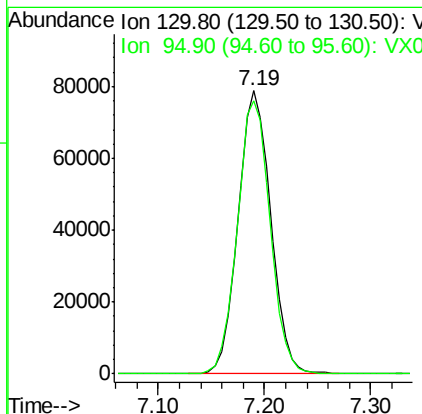
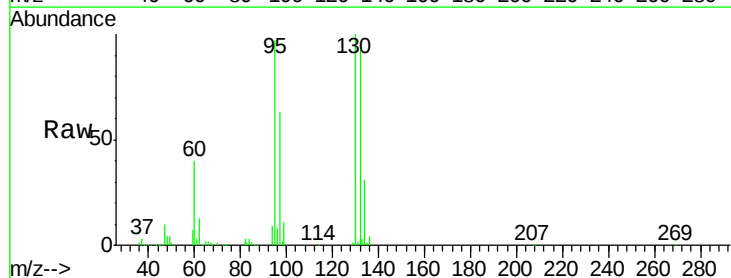
MMDadoda
 5/21/2020 1:15:31 PM



#44

Trichloroethene
 Concen: 40.362 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Tgt Ion	130	Resp	170391
Ion Ratio	100	Lower	Upper
130	100		
95	96.7	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.866 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 149936

Ion Ratio Lower Upper

63 100

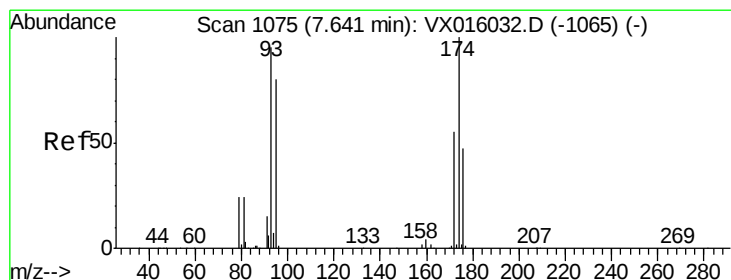
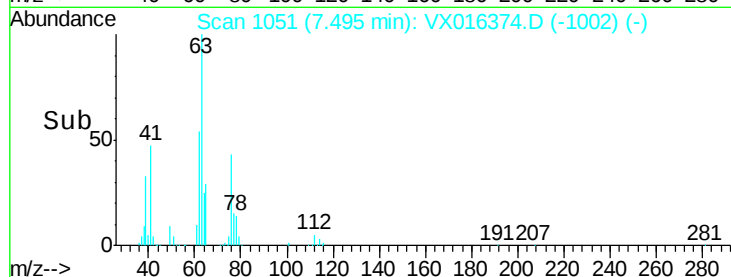
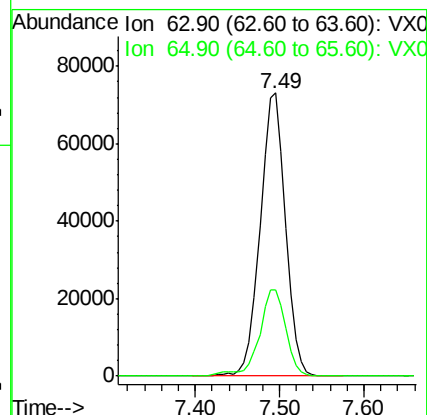
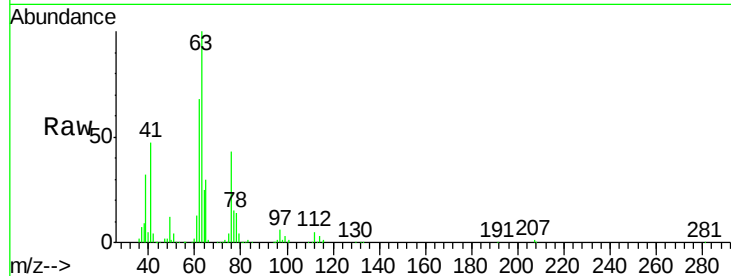
65 30.4 24.4 36.6

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#46

Dibromomethane

Concen: 48.454 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

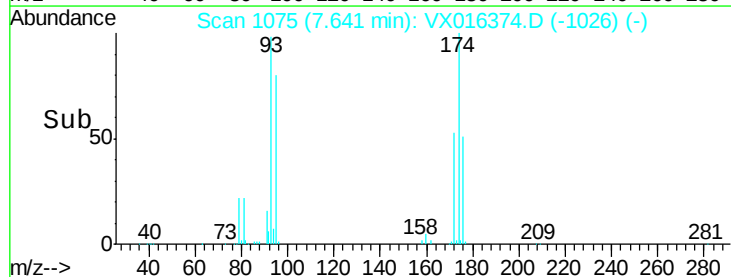
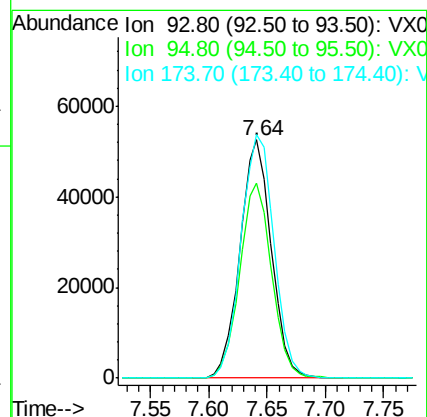
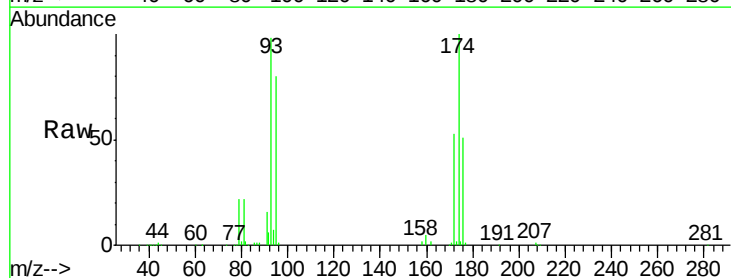
Tgt Ion: 93 Resp: 99008

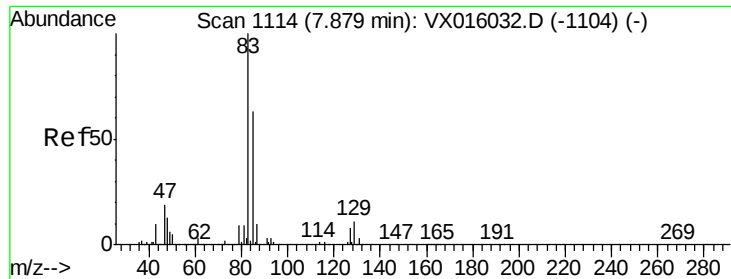
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 107.0 84.2 126.4





#47

Bromodichloromethane

Concen: 49.996 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

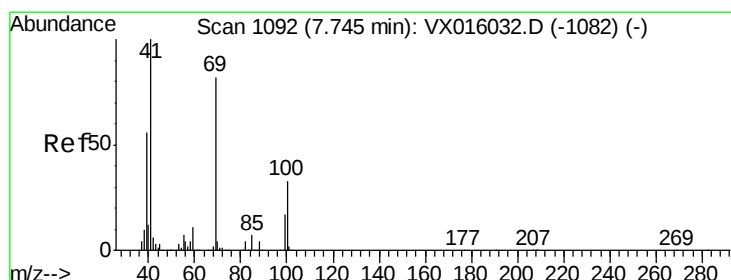
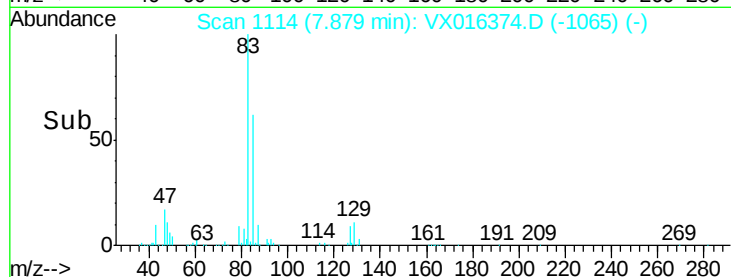
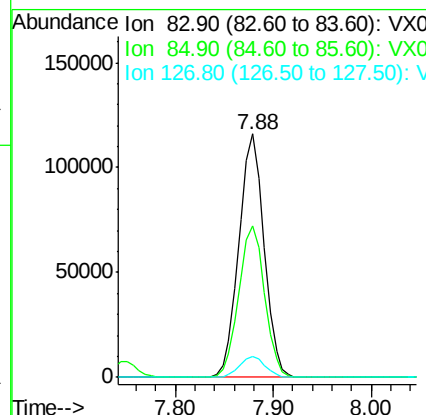
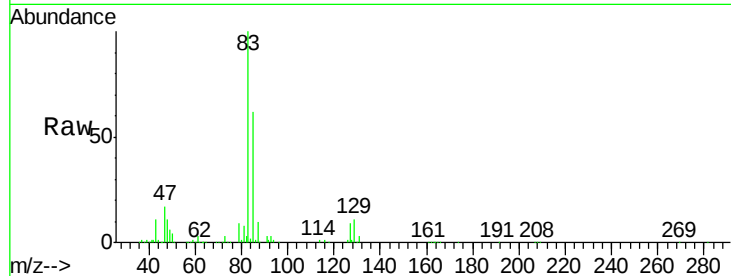
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208059
Ion Ratio	Lower	Upper	
83	100		
85	62.4	50.5	75.7
127	8.7	6.7	10.1

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#48

Methyl methacrylate

Concen: 45.657 ug/l

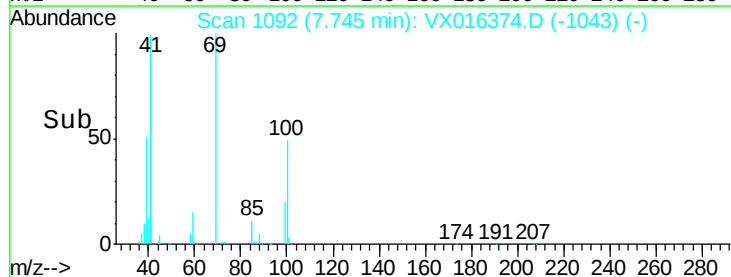
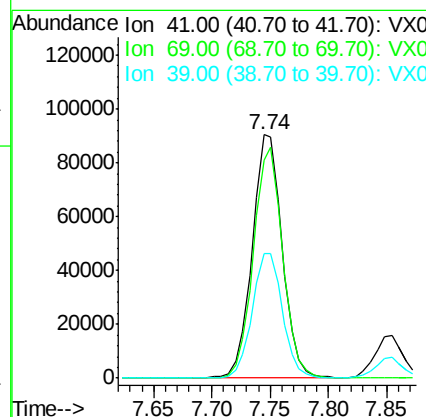
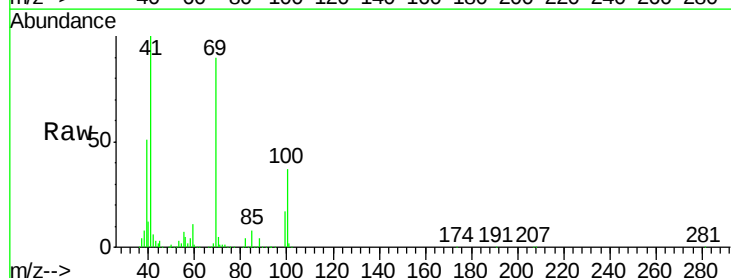
RT: 7.74 min Scan# 1092

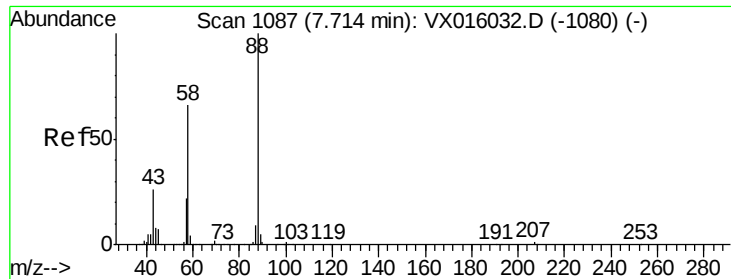
Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion:	41	Resp:	162479
Ion Ratio	Lower	Upper	
41	100		
69	93.1	67.8	101.6
39	52.1	44.6	67.0





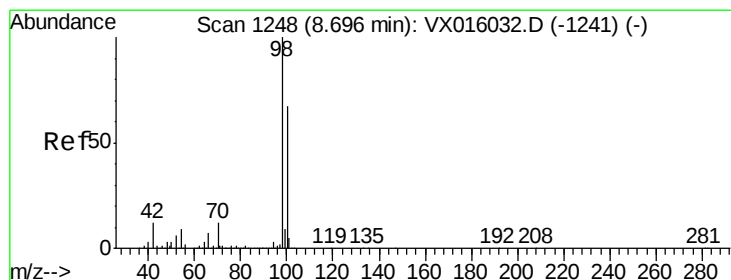
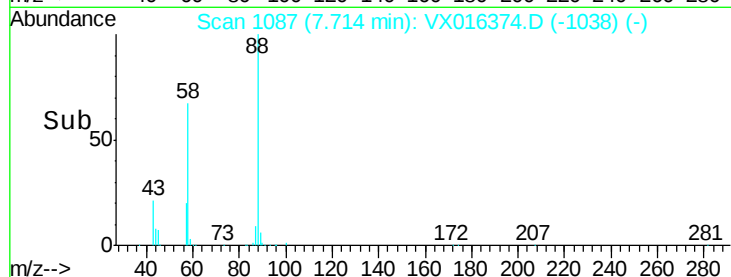
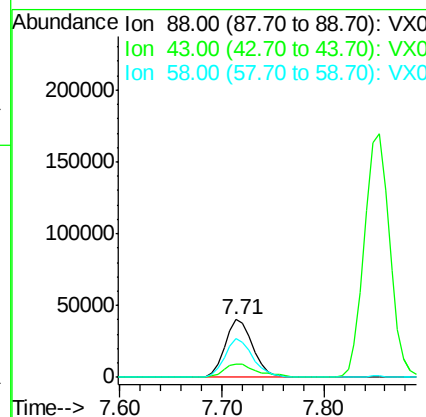
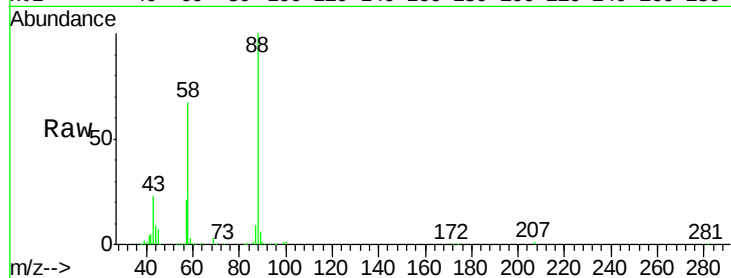
#49
1,4-Dioxane
Concen: 892.538 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	25.3	37.9
58	68.0	55.9	83.9

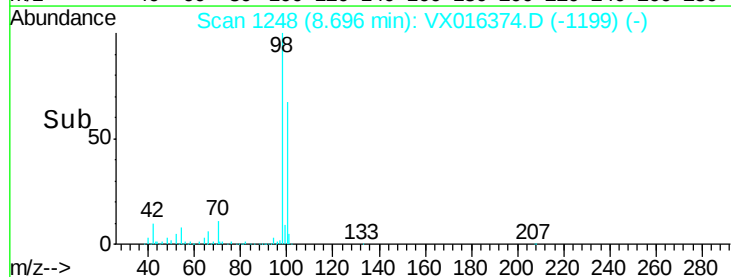
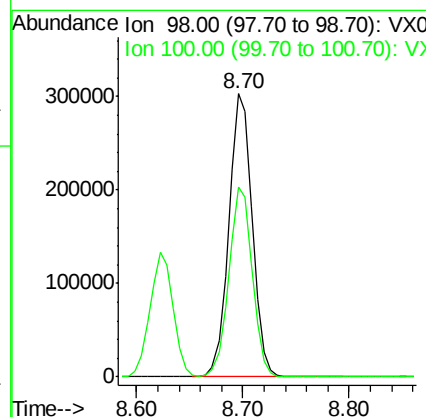
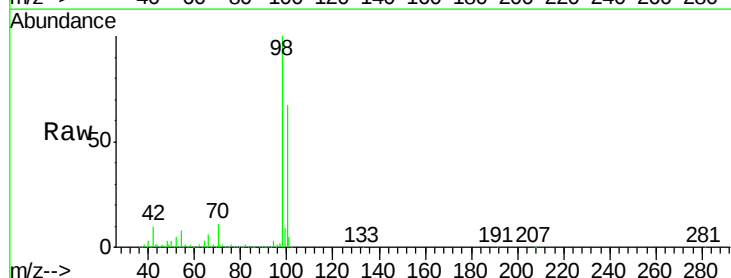
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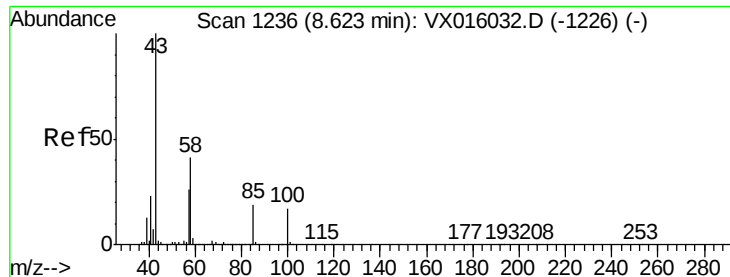
MMDadoda
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#50
Toluene-d8
Concen: 46.102 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 233.309 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1072251

Ion Ratio Lower Upper

43 100

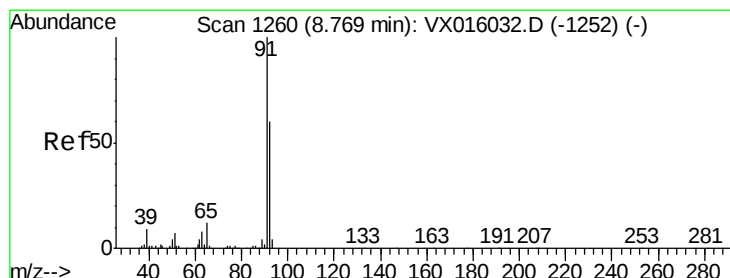
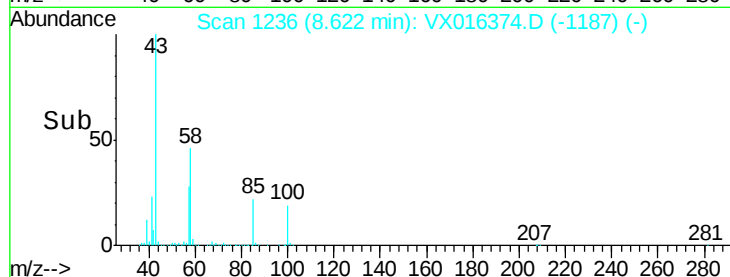
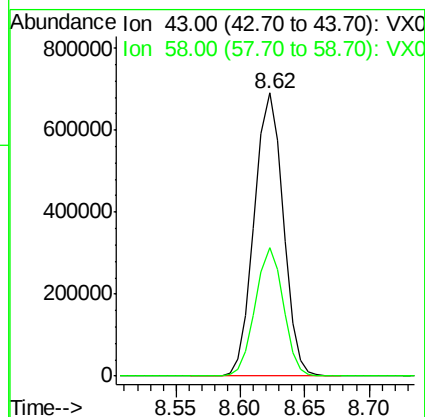
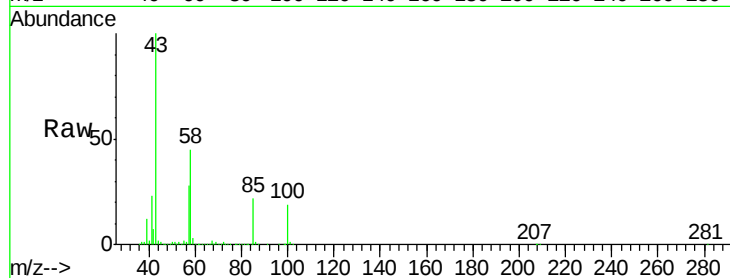
58 44.1 33.0 49.4

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#52

Toluene

Concen: 49.856 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016374.D

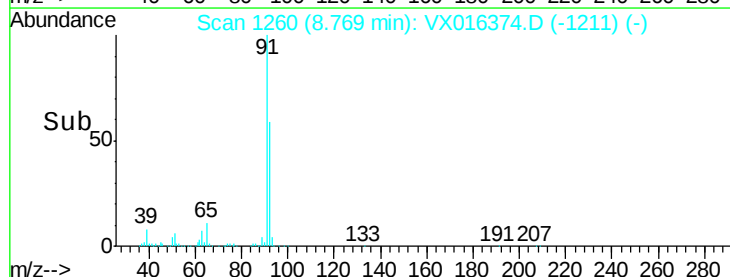
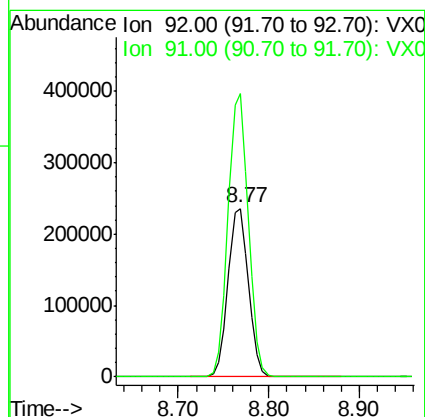
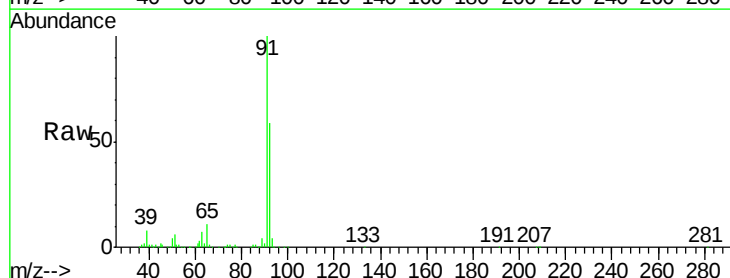
Acq: 20 May 2020 20:31

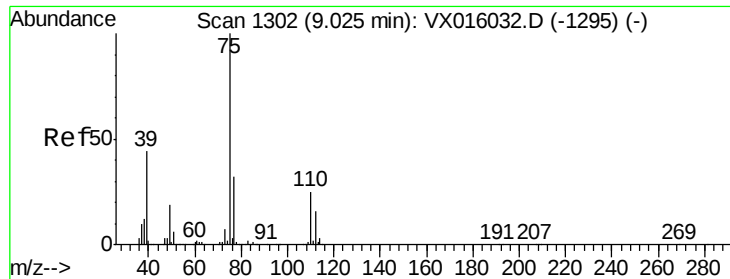
Tgt Ion: 92 Resp: 369271

Ion Ratio Lower Upper

92 100

91 167.0 134.5 201.7





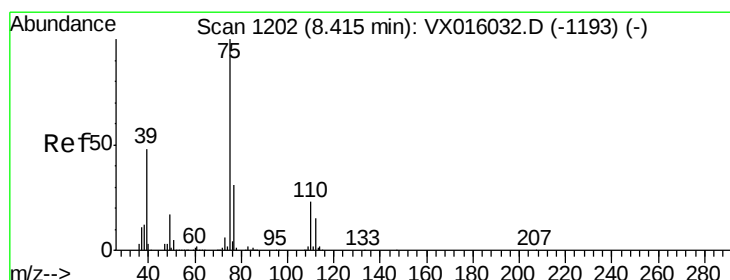
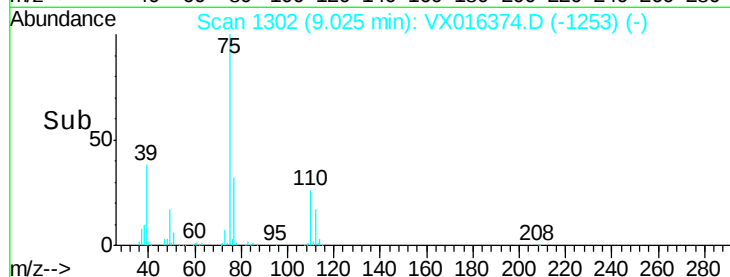
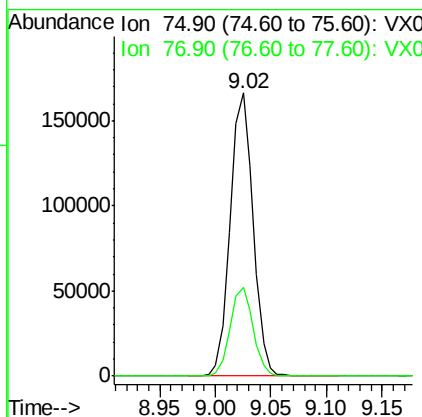
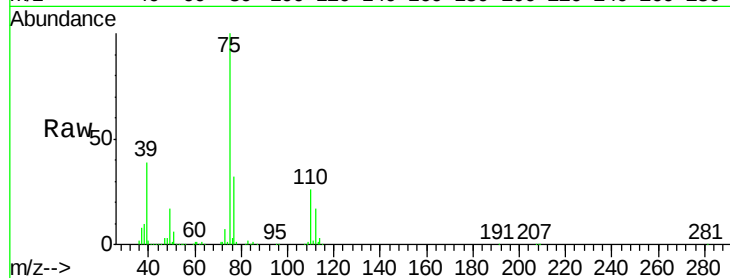
#53
t-1,3-Dichloropropene
Concen: 47.800 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5

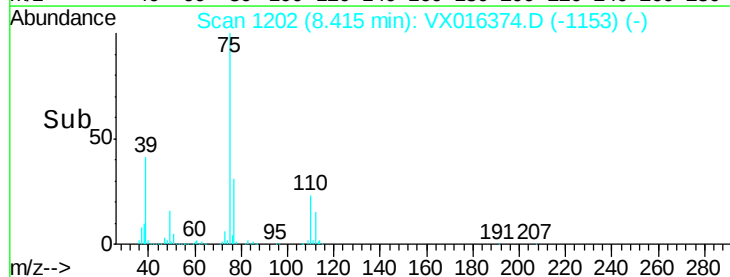
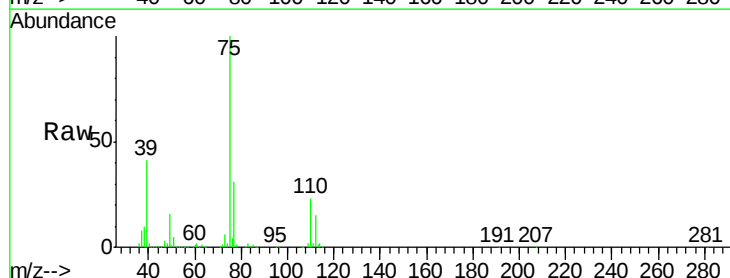
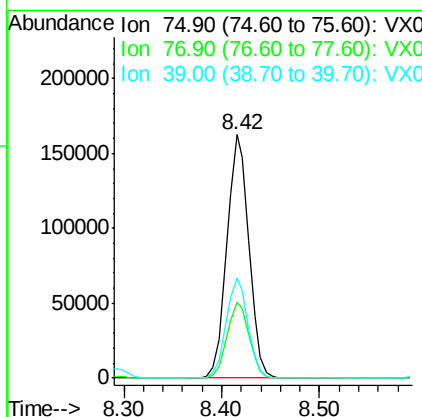
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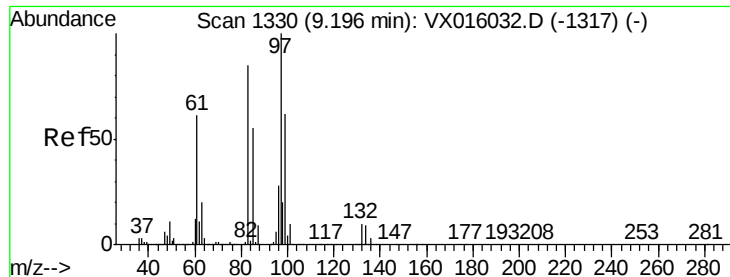
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#54
cis-1,3-Dichloropropene
Concen: 48.760 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.7	37.1
39	41.1	38.7	58.1





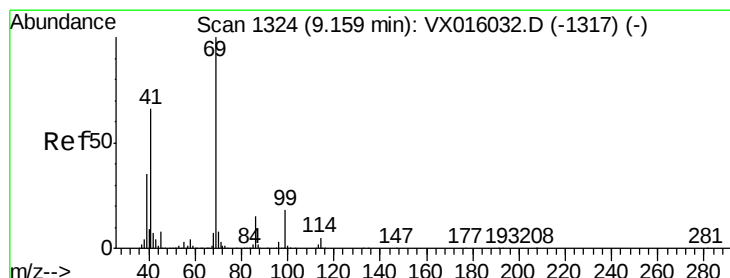
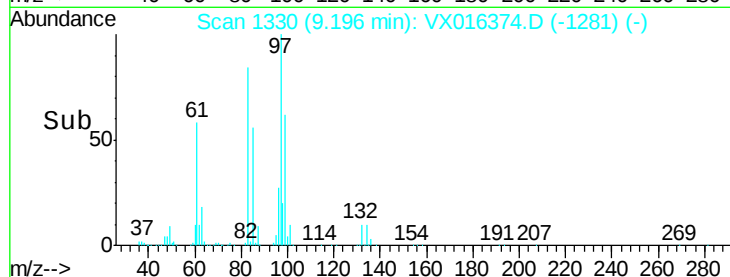
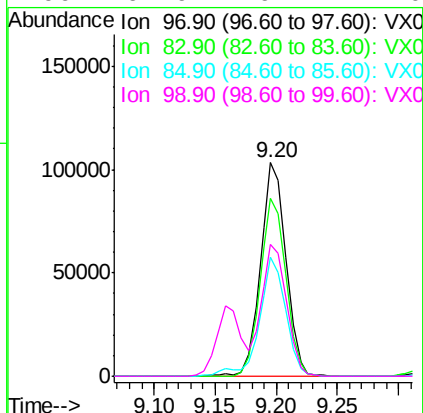
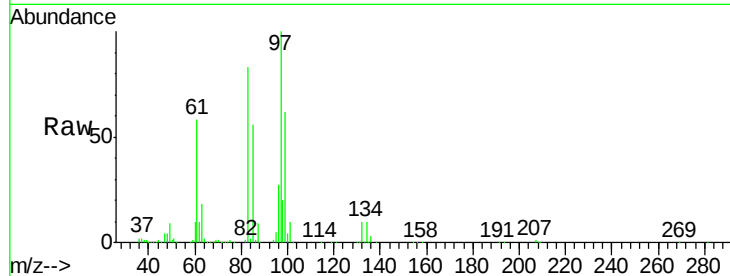
#55
 1,1,2-Trichloroethane
 Concen: 51.745 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	150790
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.8	101.8
85	55.7	43.8	65.8
99	61.9	49.4	74.0

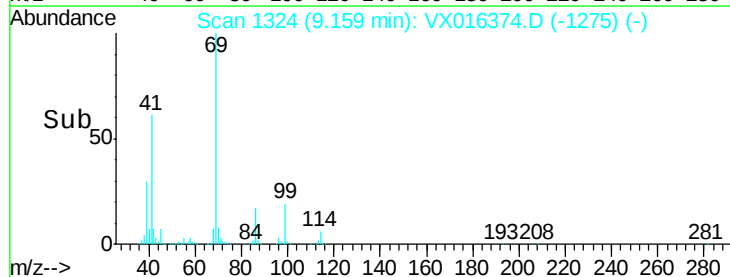
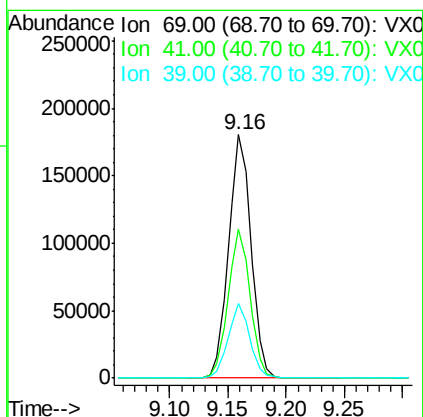
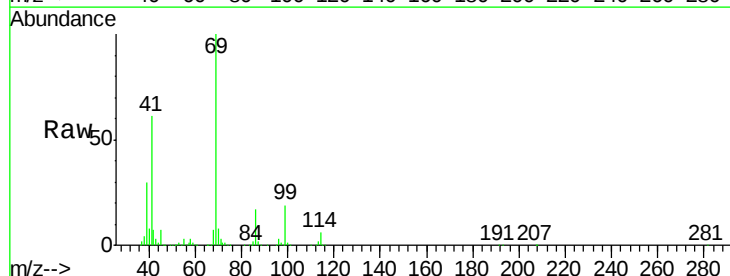
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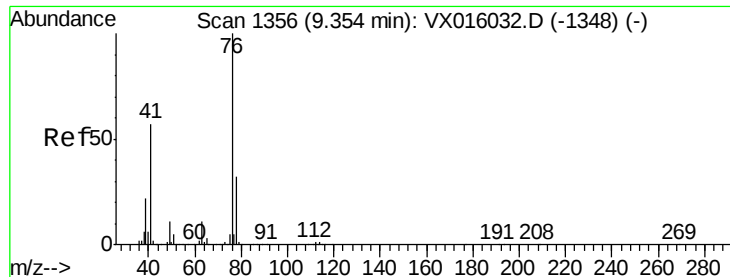
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#56
 Ethyl methacrylate
 Concen: 51.044 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Tgt Ion:	69	Resp:	242804
Ion	Ratio	Lower	Upper
69	100		
41	59.7	52.2	78.4
39	29.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.202 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 255269

Ion Ratio Lower Upper

76 100

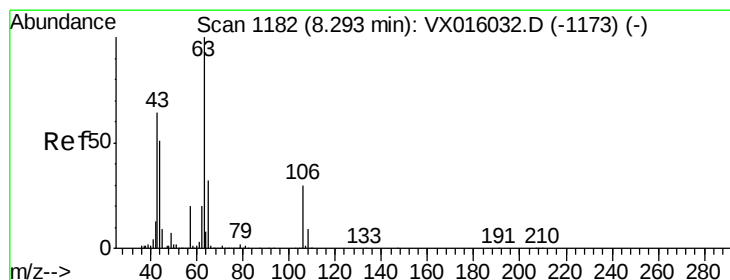
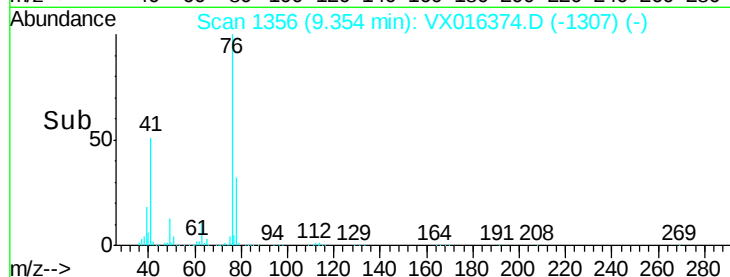
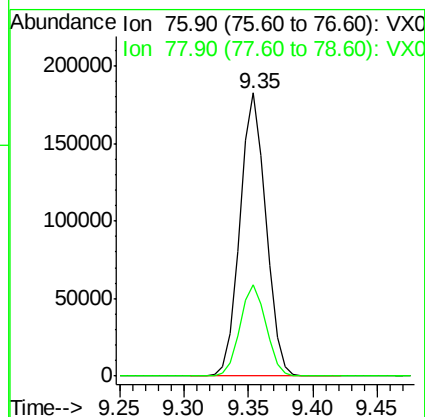
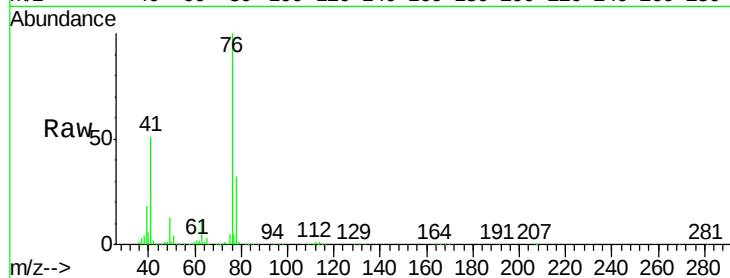
78 32.5 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 218.813 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016374.D

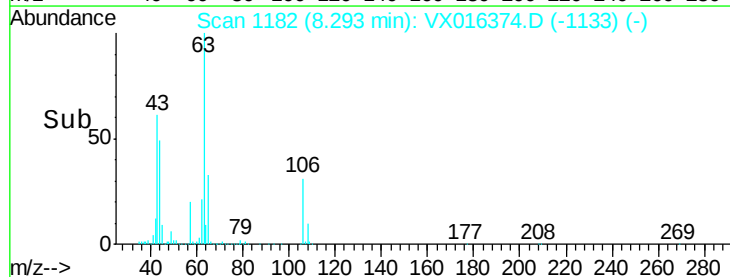
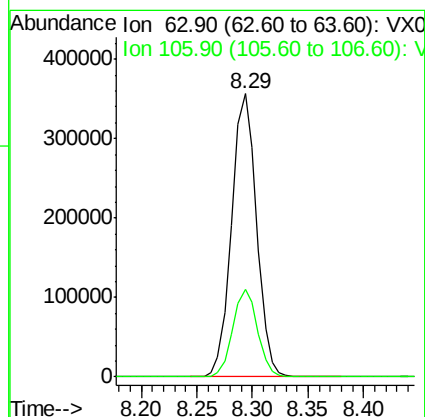
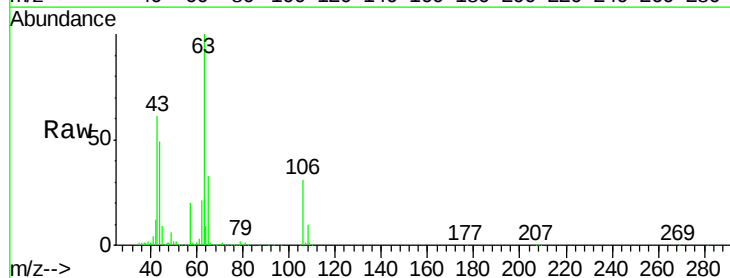
Acq: 20 May 2020 20:31

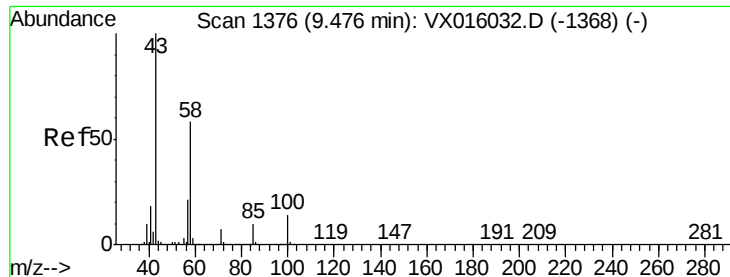
Tgt Ion: 63 Resp: 554114

Ion Ratio Lower Upper

63 100

106 30.6 23.4 35.2





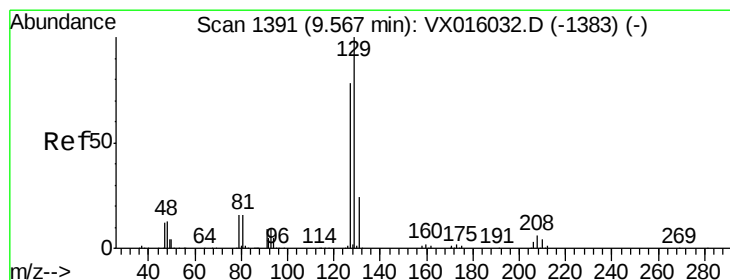
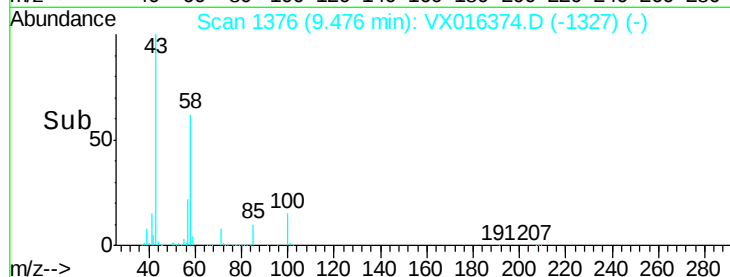
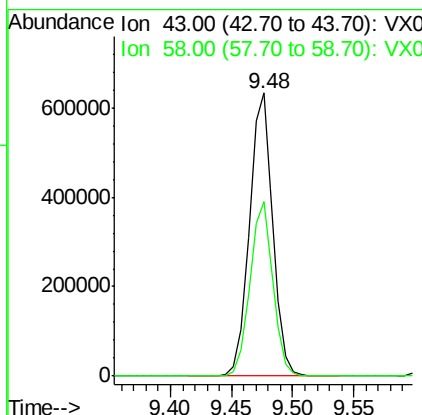
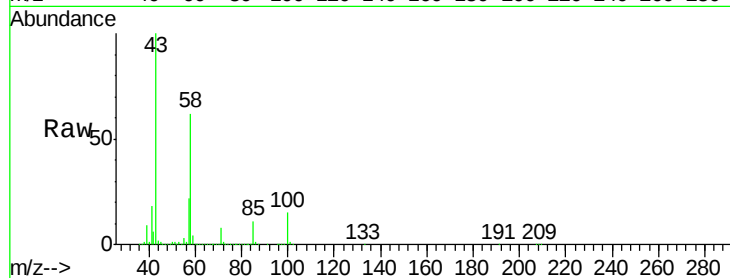
#59
2-Hexanone
Concen: 232.557 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.1	28.6	85.9

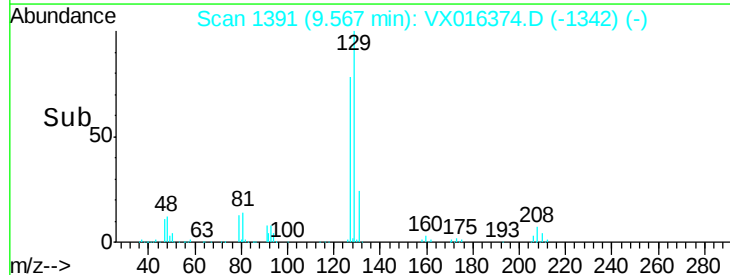
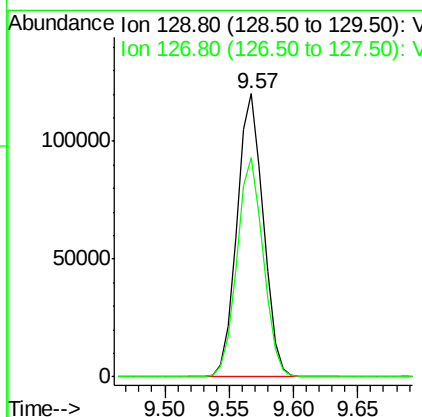
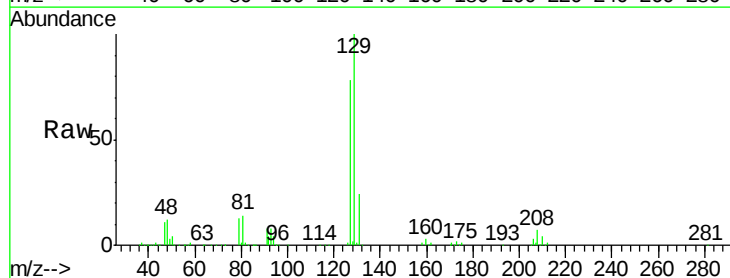
Manual Integrations
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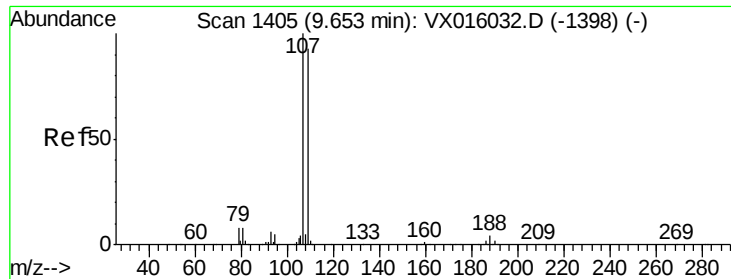
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#60
Dibromochloromethane
Concen: 53.119 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2





#61

1,2-Dibromoethane

Concen: 50.240 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 158583

Ion Ratio Lower Upper

107 100

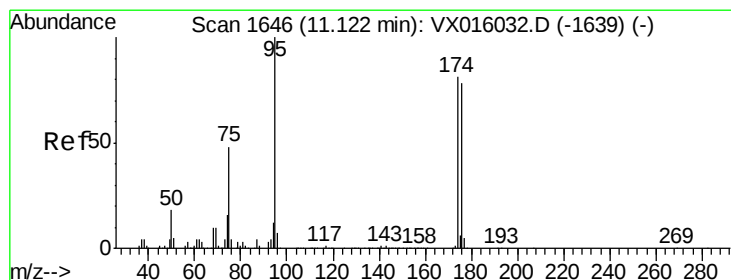
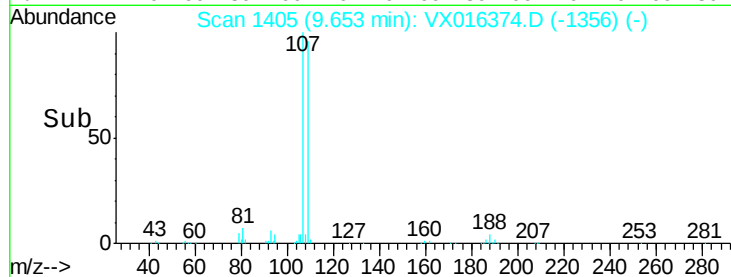
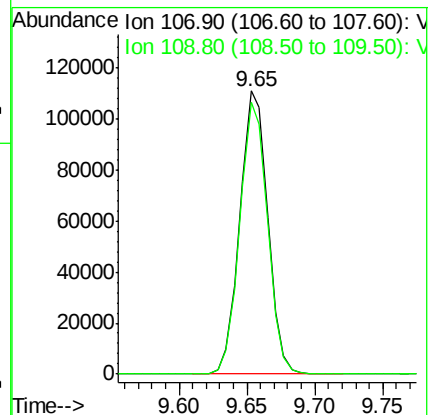
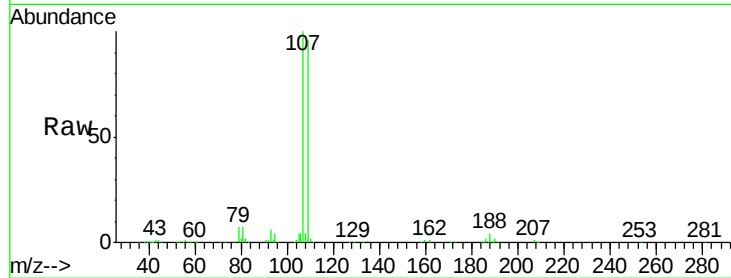
109 95.4 74.9 112.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.254 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

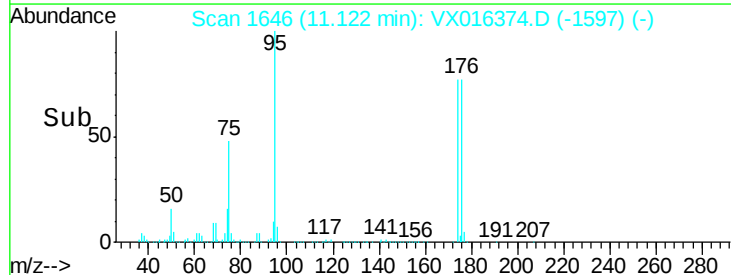
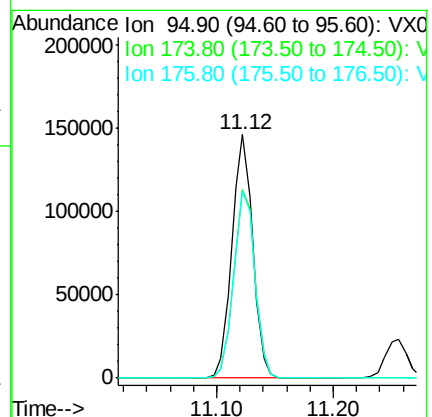
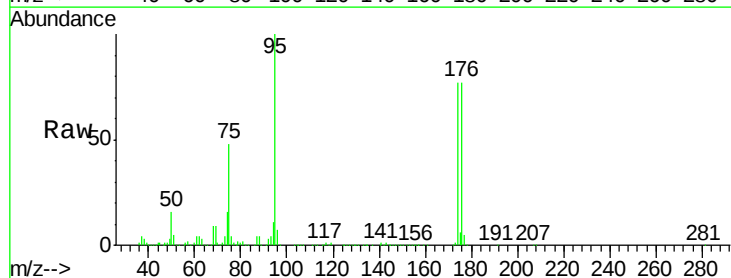
Tgt Ion: 95 Resp: 181012

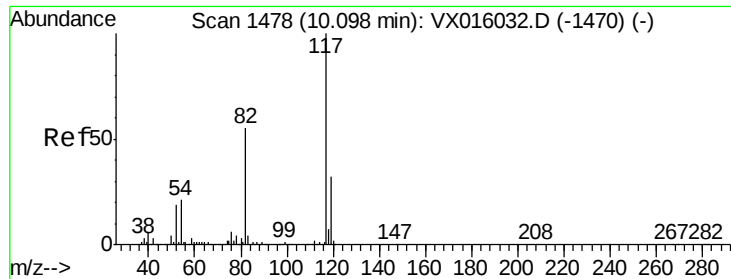
Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.4

176 78.5 0.0 157.6





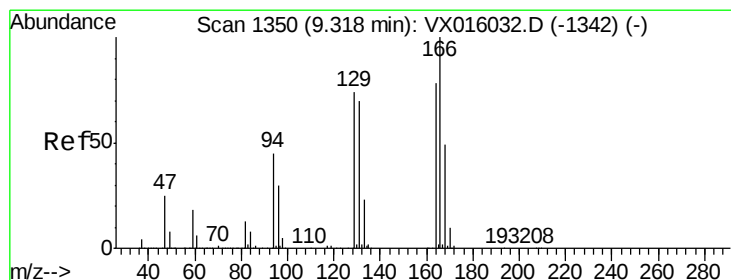
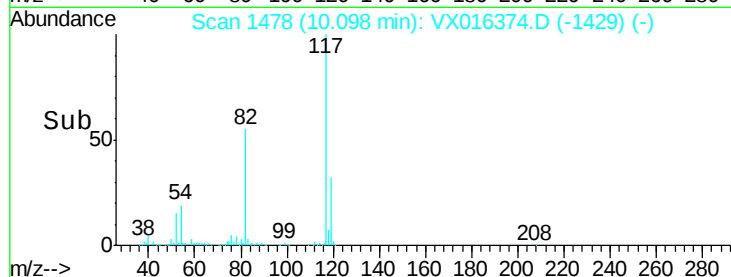
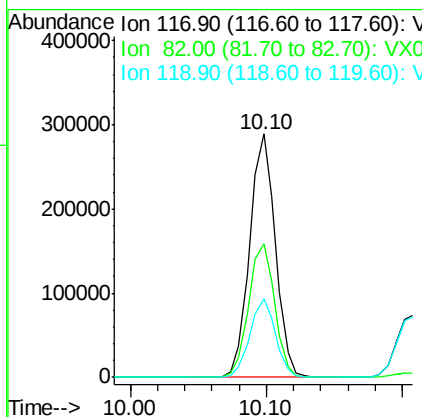
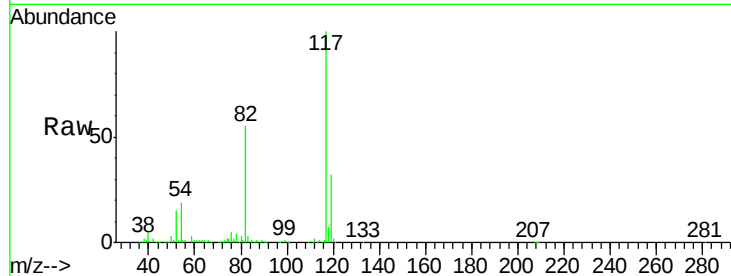
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.9	44.4	66.6
119	32.1	25.5	38.3

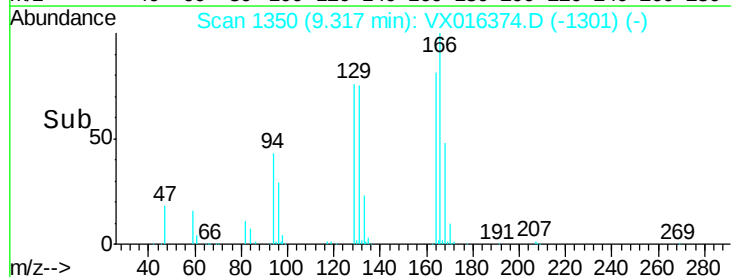
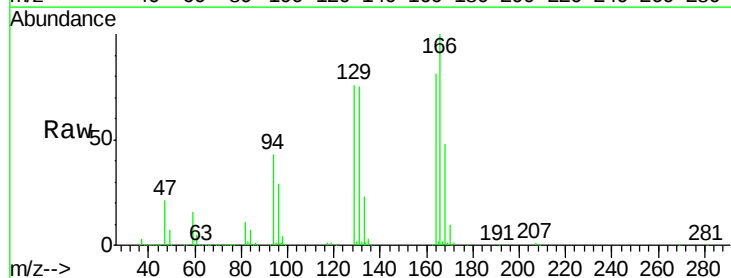
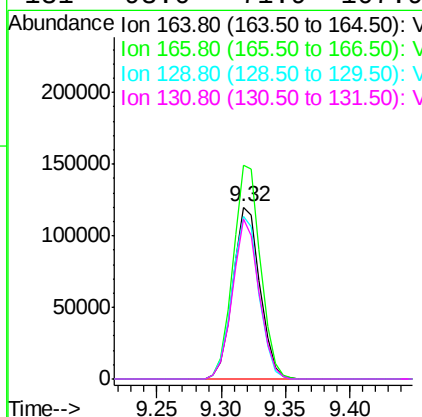
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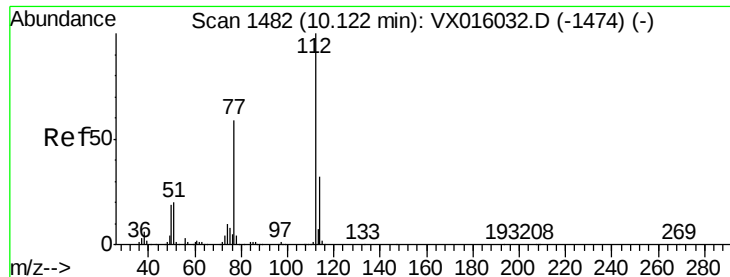
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#64
Tetrachloroethene
Concen: 37.274 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	124.1	102.9	154.3
129	94.5	76.1	114.1
131	93.0	71.9	107.9





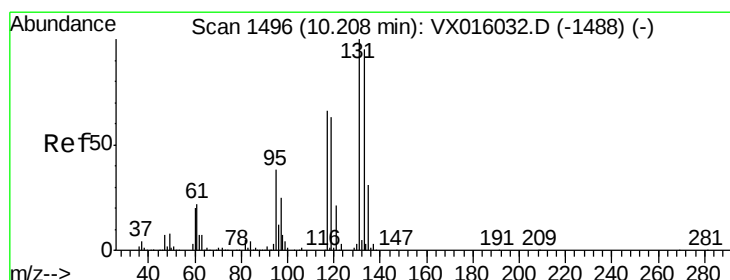
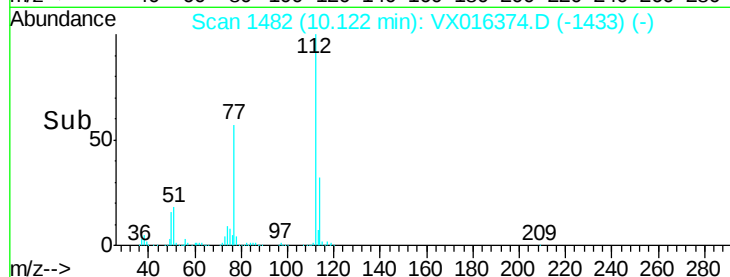
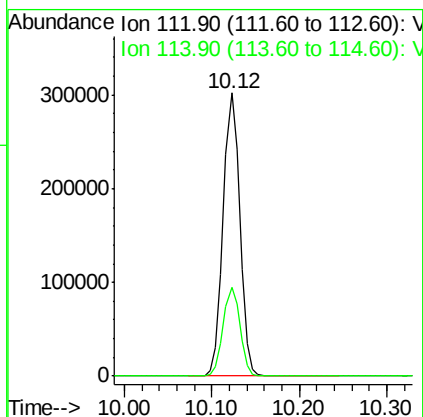
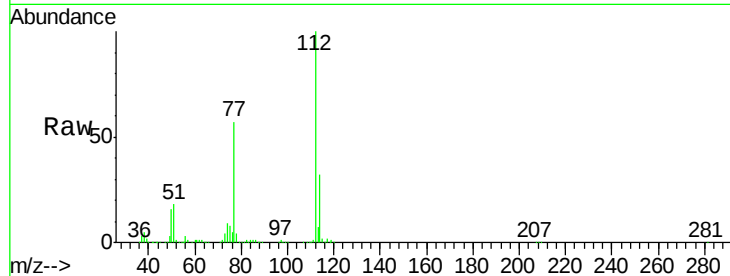
#65
Chlorobenzene
Concen: 49.536 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.7	38.5

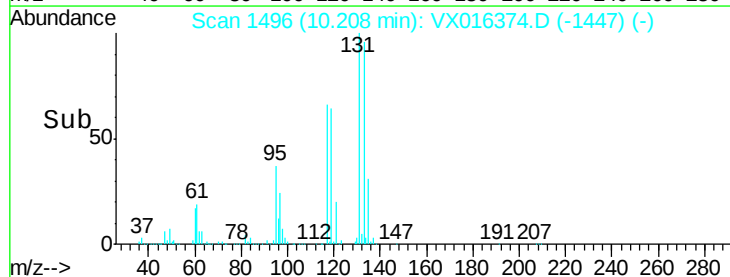
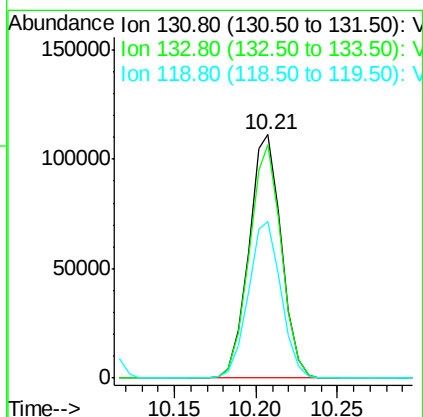
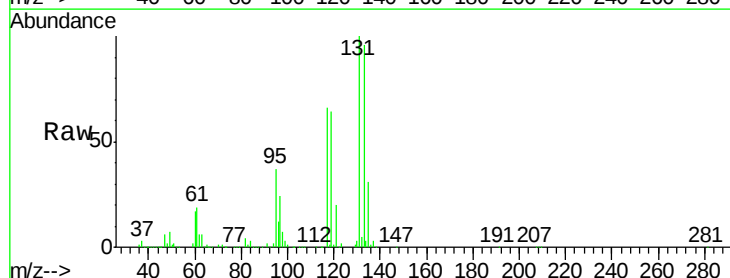
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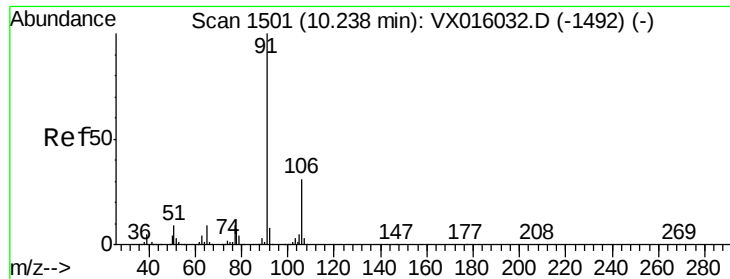
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.646 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.3	144.8
119	64.5	32.3	96.9





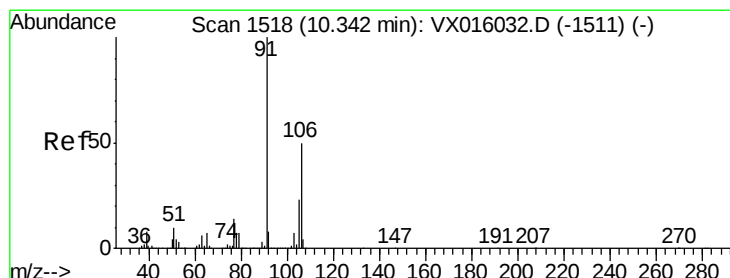
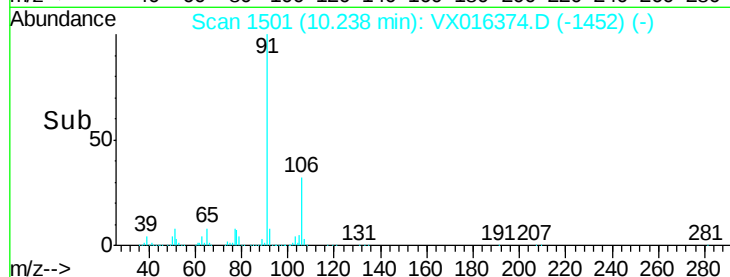
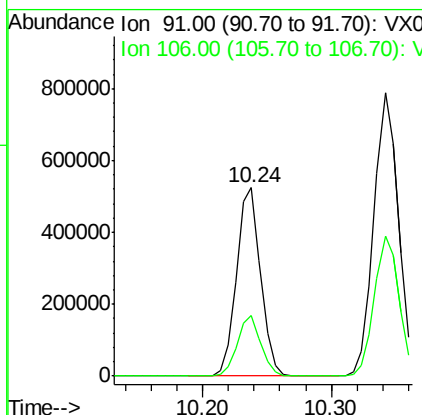
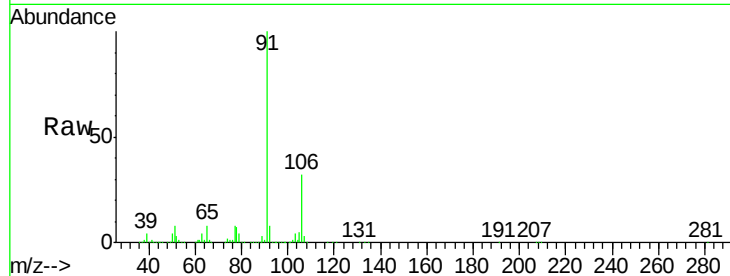
#67
Ethyl Benzene
Concen: 47.435 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 680562
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

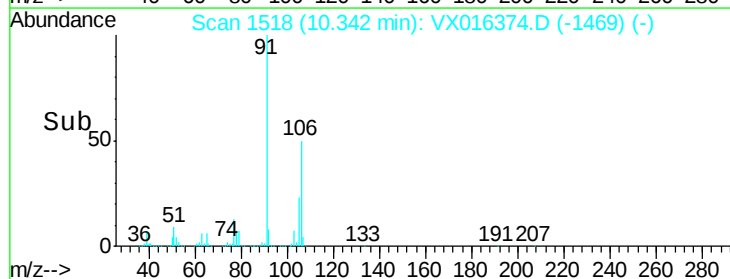
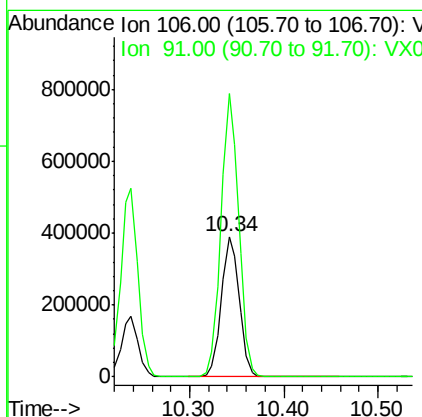
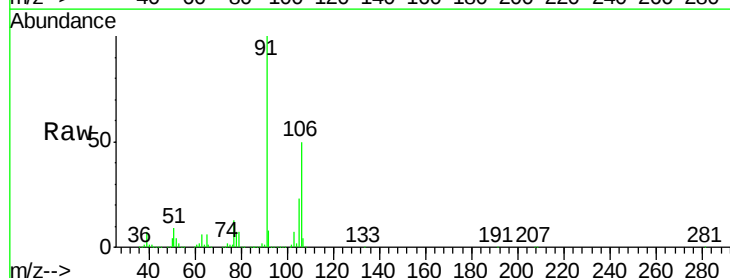
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#68
m/p-Xylenes
Concen: 95.844 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion: 106 Resp: 515200
Ion Ratio Lower Upper
106 100
91 199.6 161.7 242.5





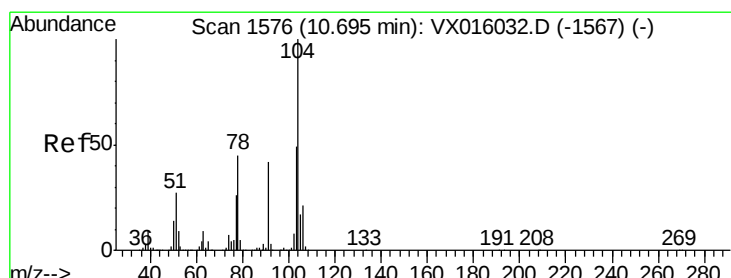
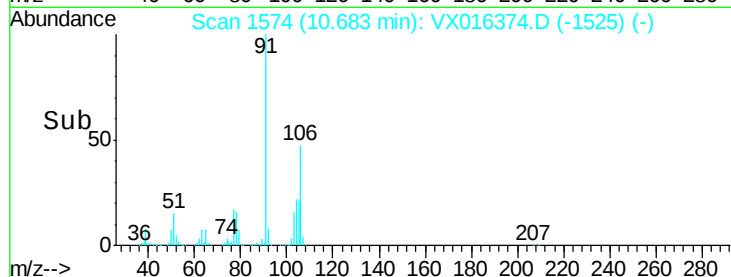
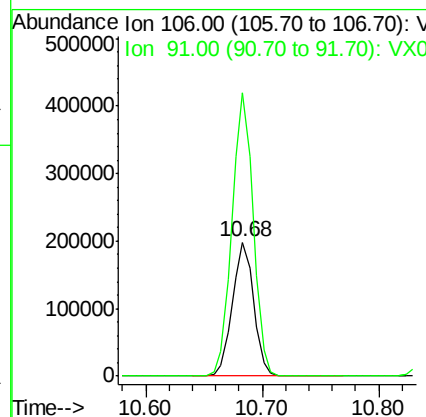
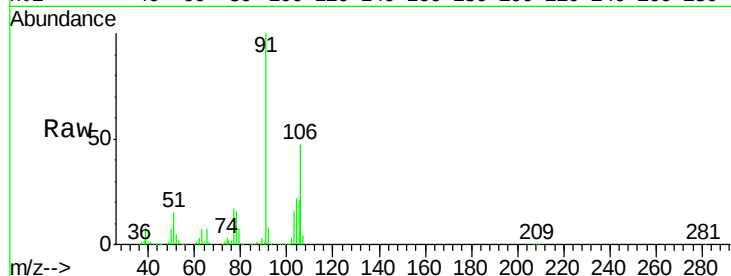
#69
o-Xylene
Concen: 48.682 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	251539		
91	91	211.2	107.5	322.6	

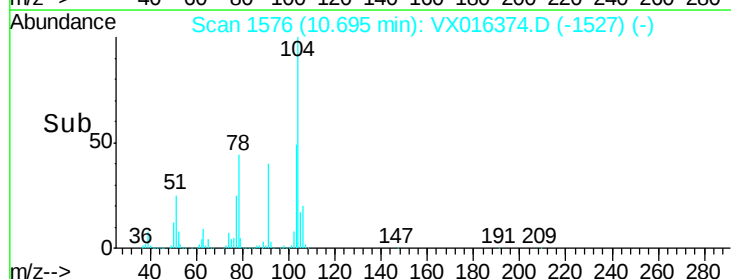
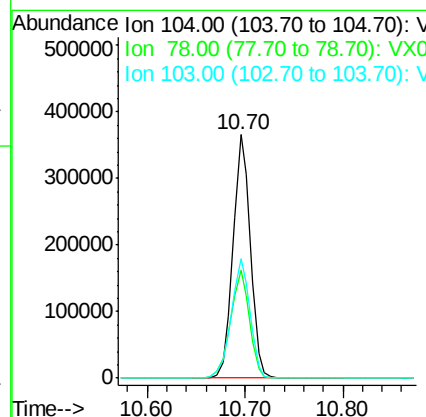
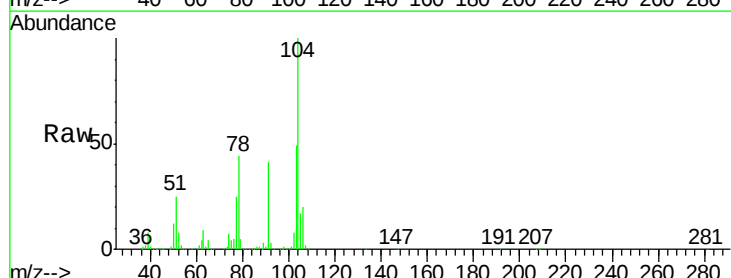
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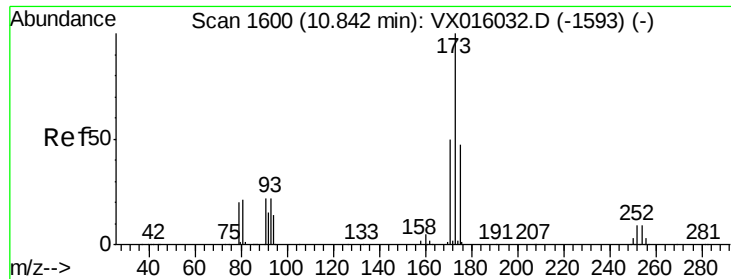
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#70
Styrene
Concen: 51.281 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	449523		
78	78	48.6	40.2	60.2	
103	103	53.3	43.0	64.6	





#71

Bromoform

Concen: 53.589 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

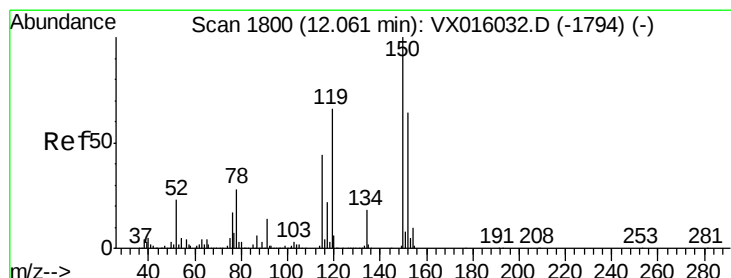
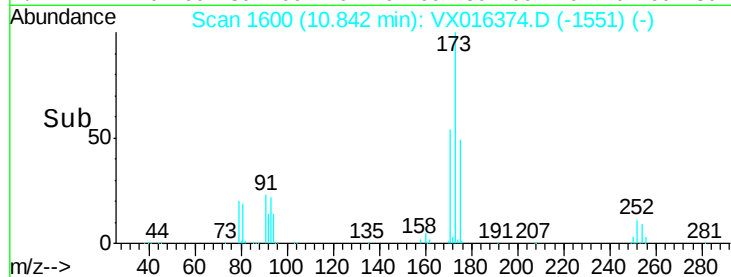
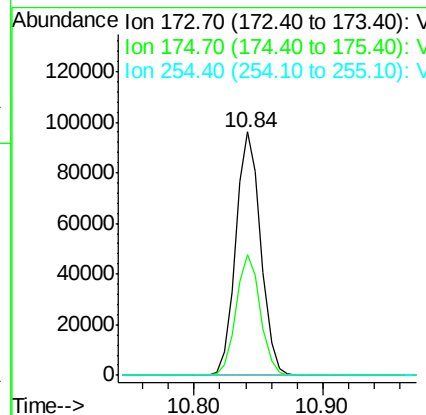
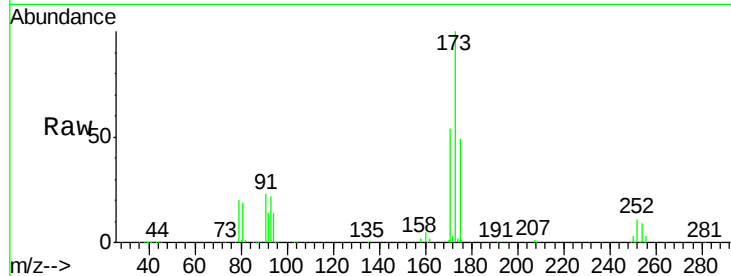
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

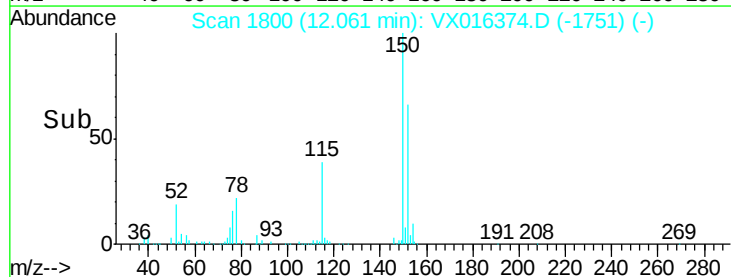
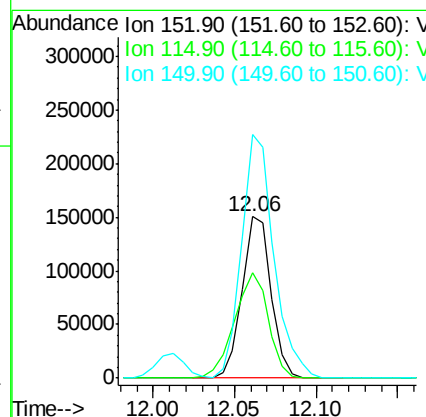
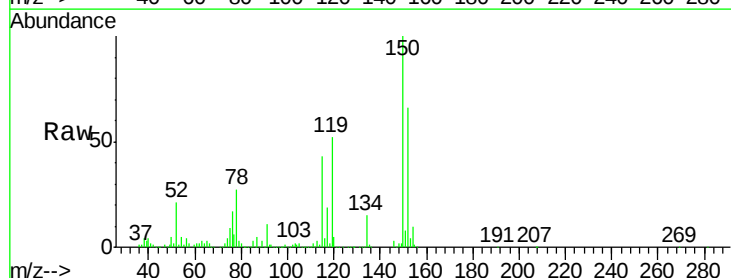
RT: 12.06 min Scan# 1800

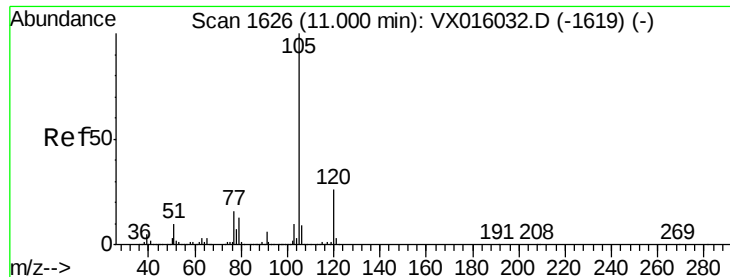
Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.7	41.3	124.1
150	168.7	0.0	352.2





#73

Isopropylbenzene

Concen: 45.454 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 615311

Ion Ratio Lower Upper

105 100

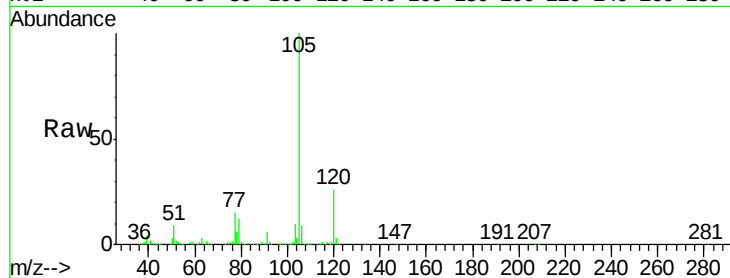
120 26.2 13.4 40.2

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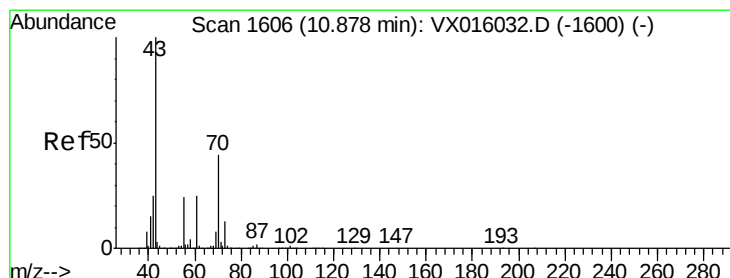
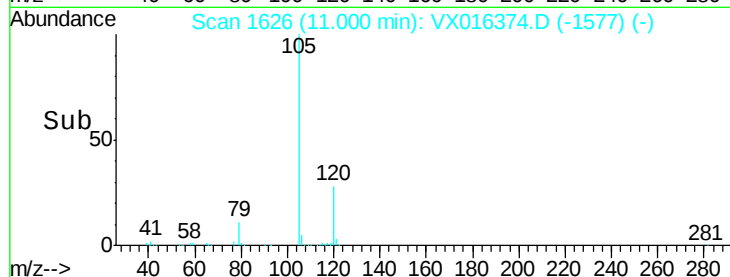
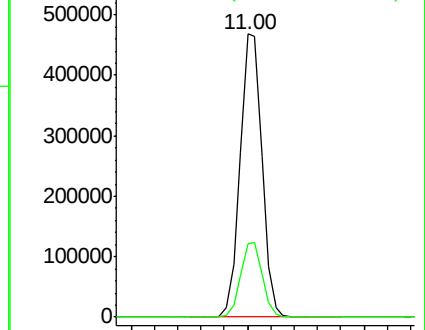
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.459 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion: 43 Resp: 293354

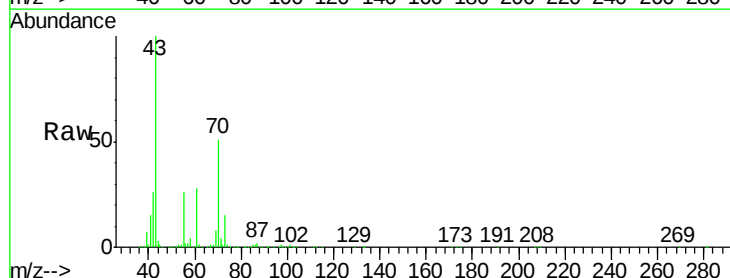
Ion Ratio Lower Upper

43 100

70 49.3 36.5 54.7

55 26.6 19.7 29.5

61 27.5 20.9 31.3

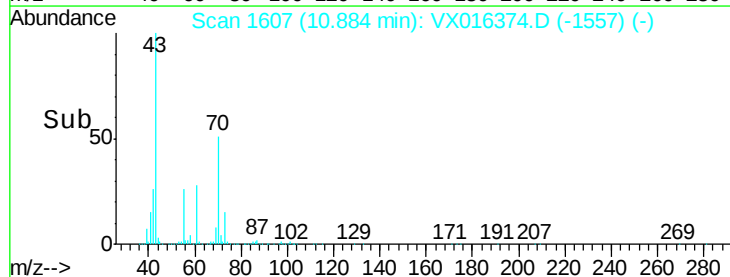
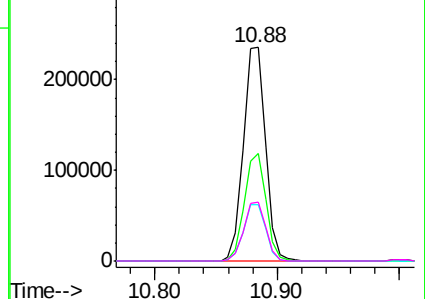


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 70.526 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

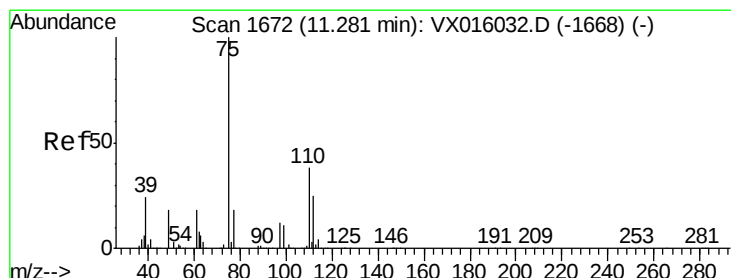
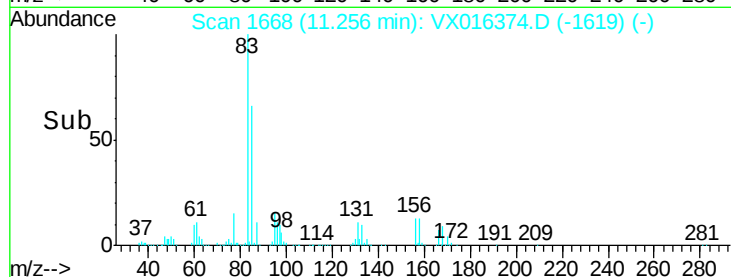
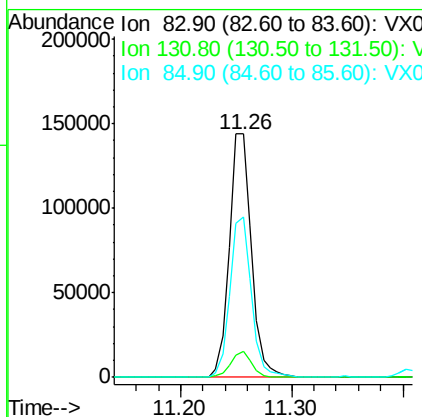
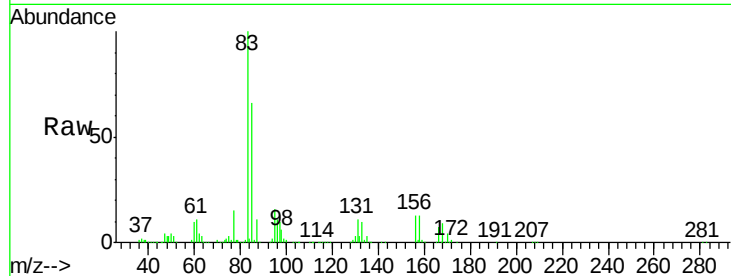
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	197085
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 50.551 ug/l m

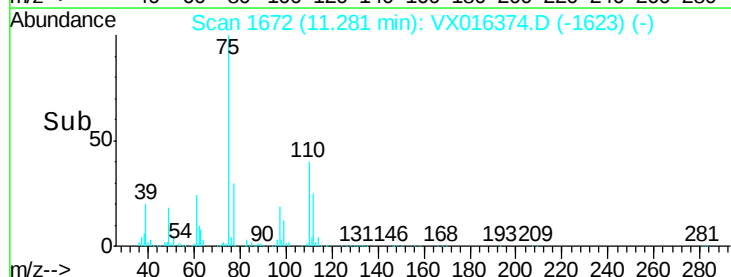
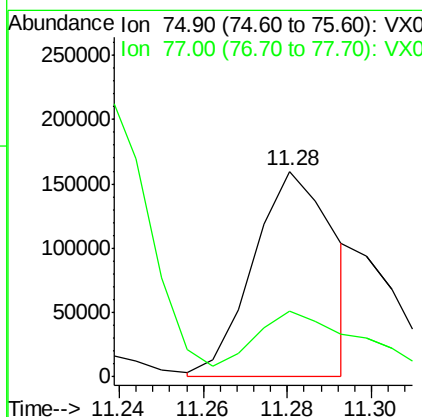
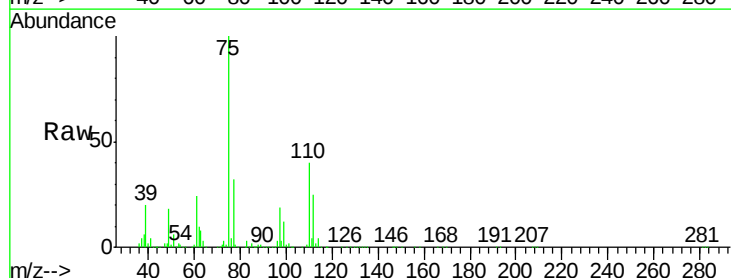
RT: 11.28 min Scan# 1672

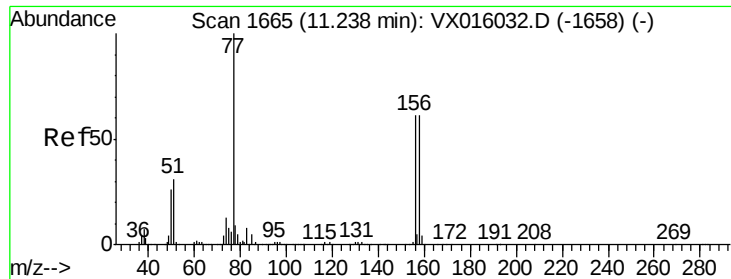
Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion:	75	Resp:	213499
Ion Ratio	Lower	Upper	
75	100		
77	42.8	21.2	63.6





#77

Bromobenzene

Concen: 48.686 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

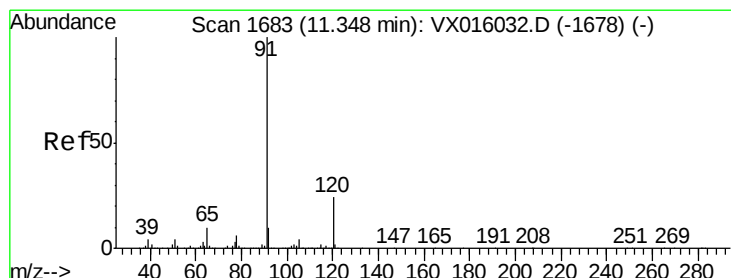
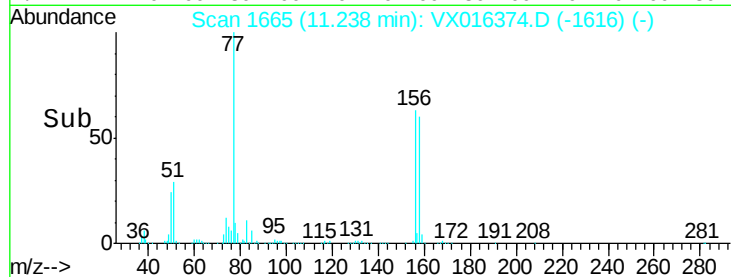
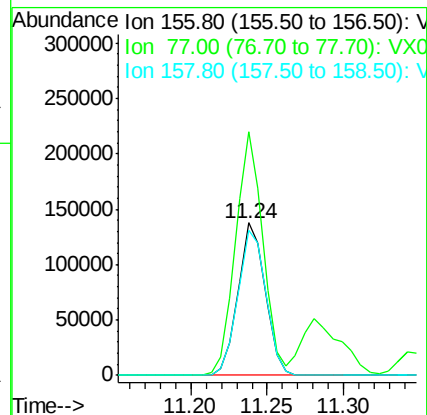
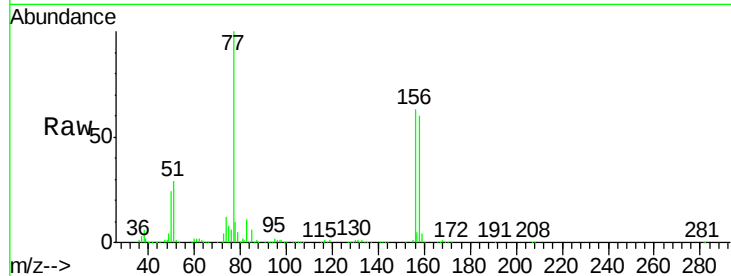
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	170114
Ion Ratio	Lower	Upper	
156	100		
77	160.0	80.1	240.3
158	98.0	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 43.004 ug/l

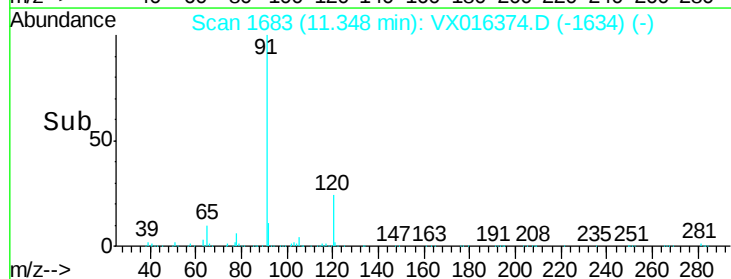
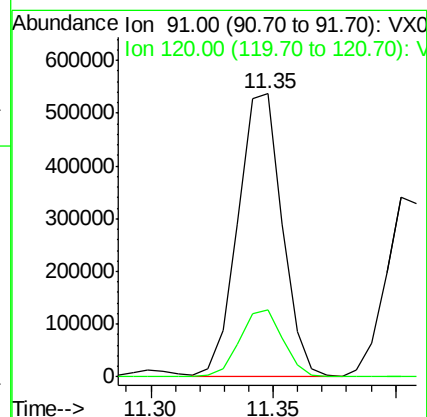
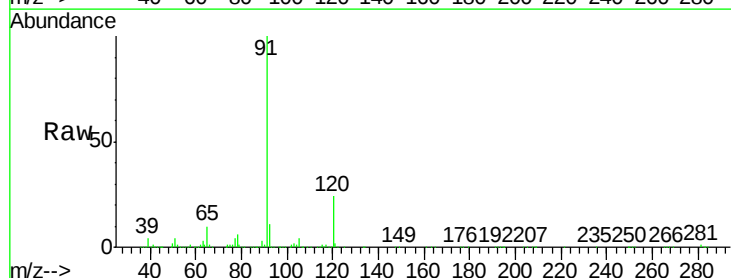
RT: 11.35 min Scan# 1683

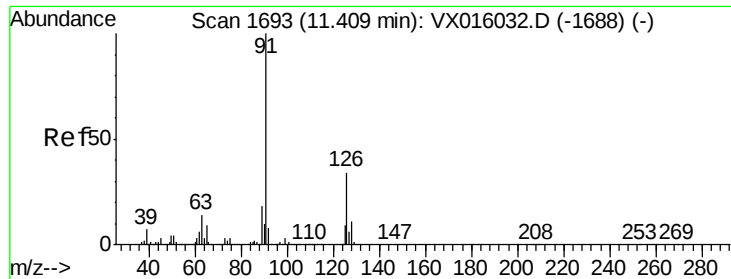
Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion:	91	Resp:	677246
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 47.437 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 440962

Ion Ratio Lower Upper

91 100

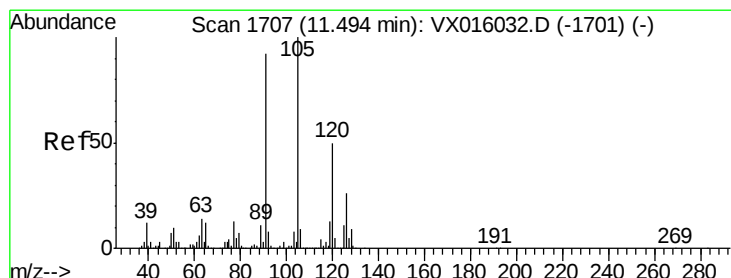
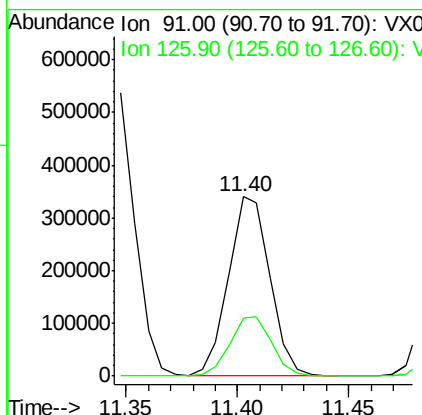
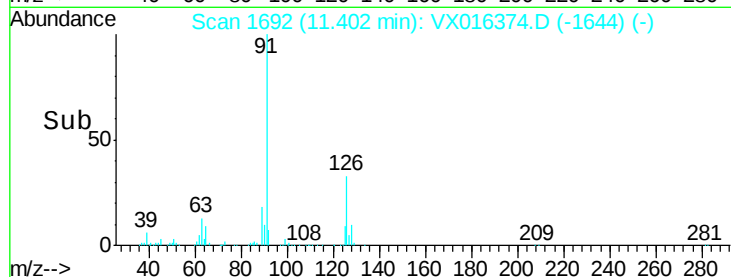
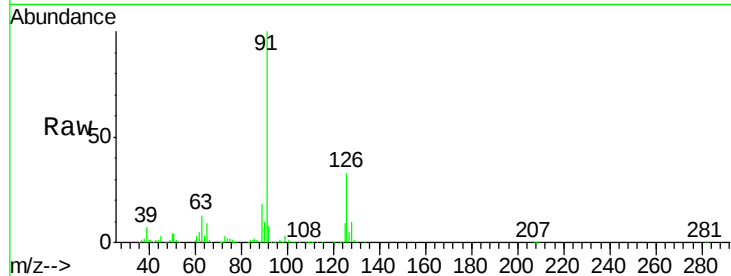
126 33.4 16.9 50.6

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#80

1,3,5-Trimethylbenzene

Concen: 42.961 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016374.D

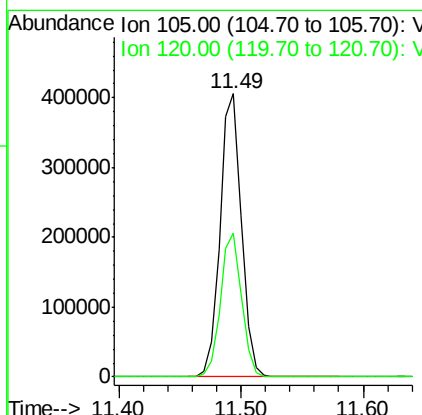
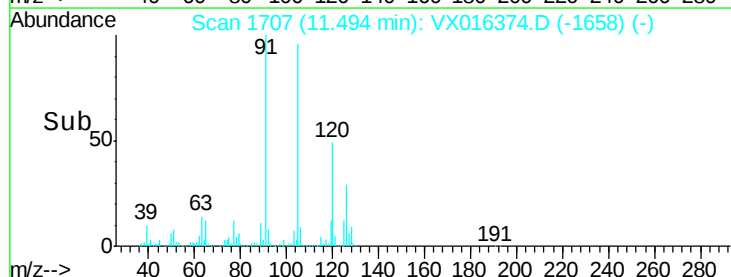
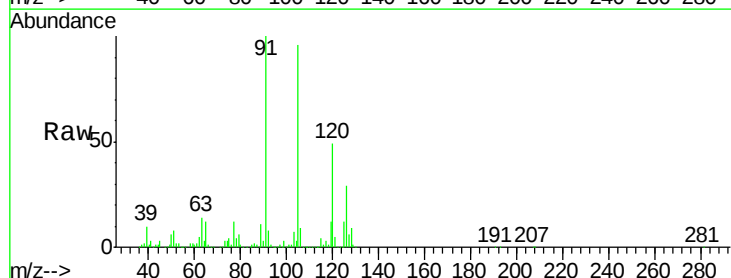
Acq: 20 May 2020 20:31

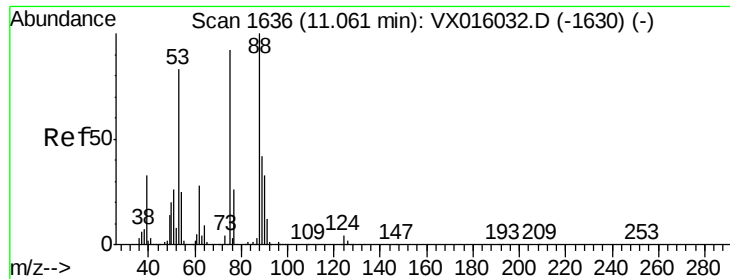
Tgt Ion: 105 Resp: 491032

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0





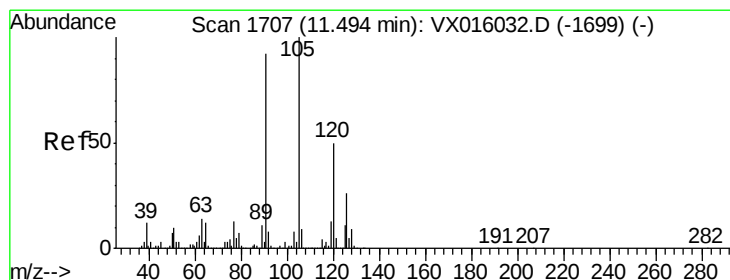
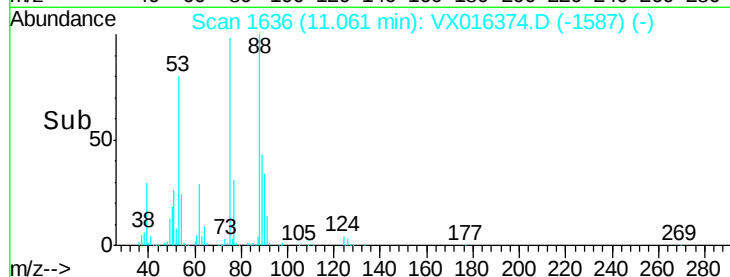
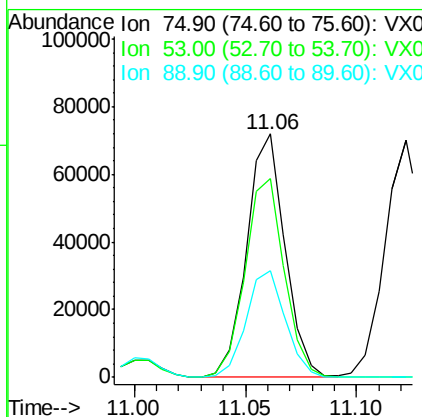
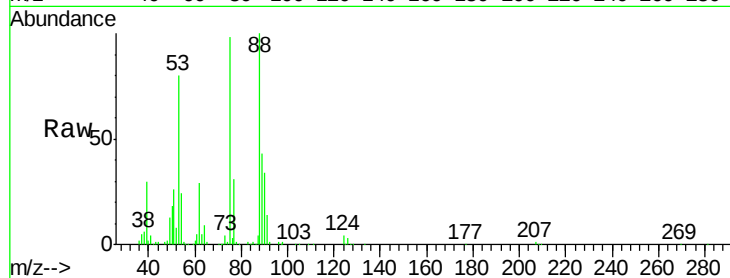
#81
trans-1,4-Dichloro-2-butene
Concen: 48.374 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.3	73.1	109.7
89	45.1	36.7	55.1

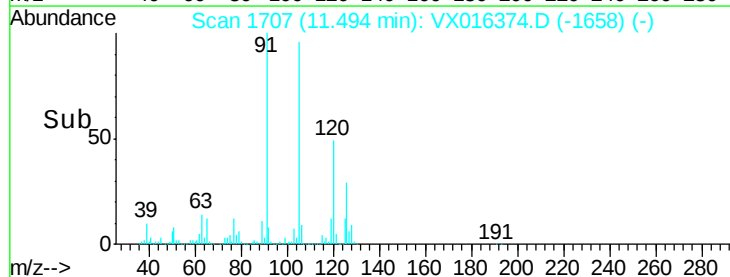
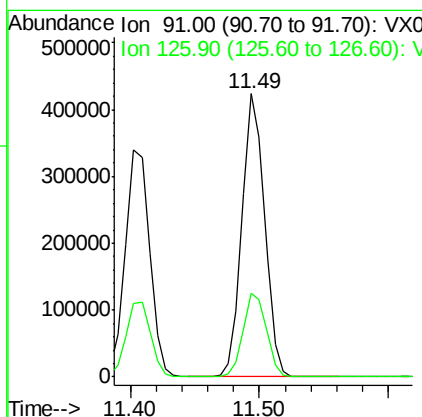
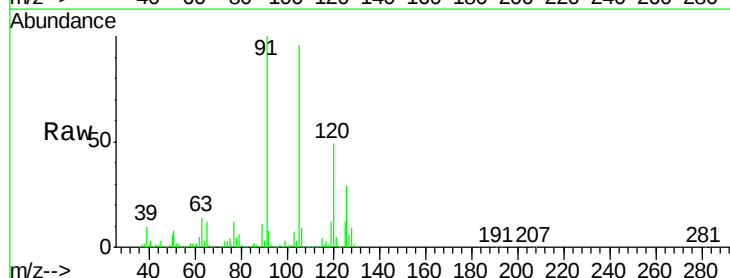
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#82
4-Chlorotoluene
Concen: 47.085 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.8	44.3





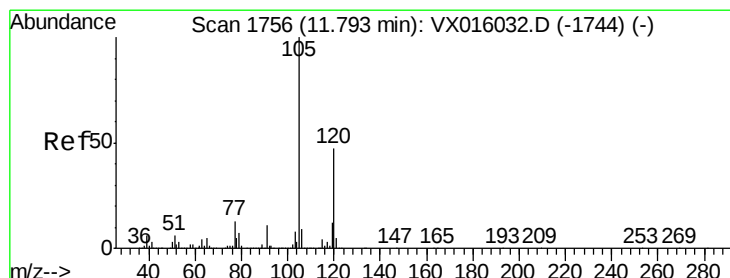
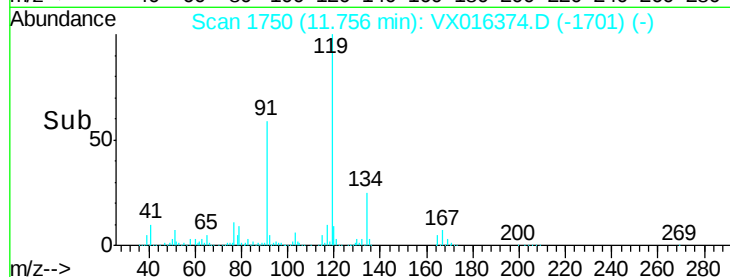
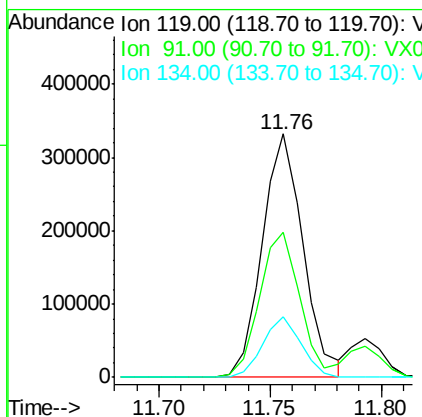
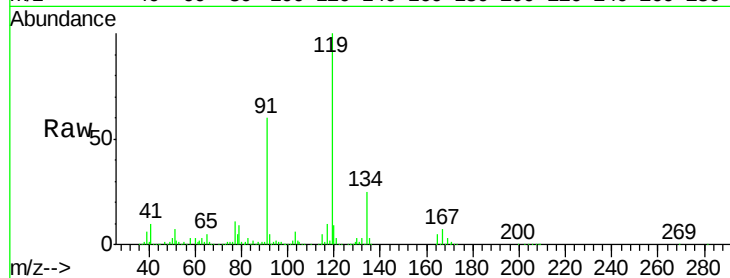
#83
tert-Butylbenzene
Concen: 42.882 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	422392		
91	58.6	32.8	98.4	
134	23.4	12.4	37.0	

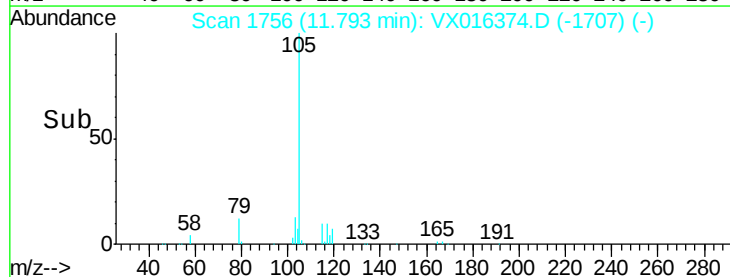
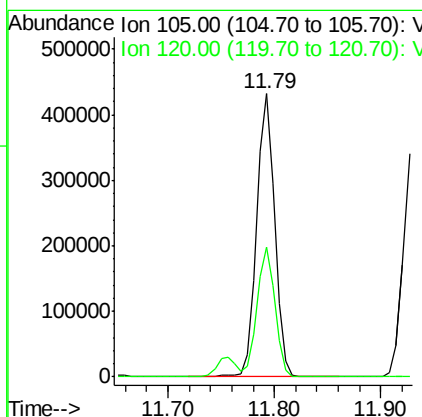
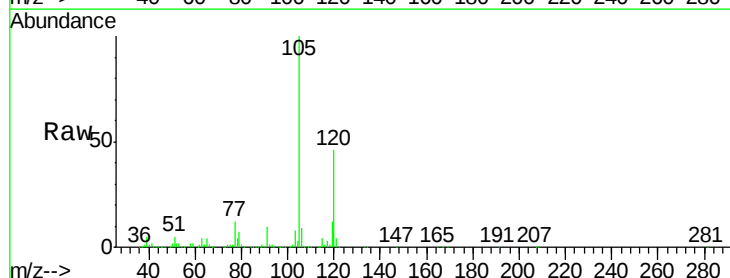
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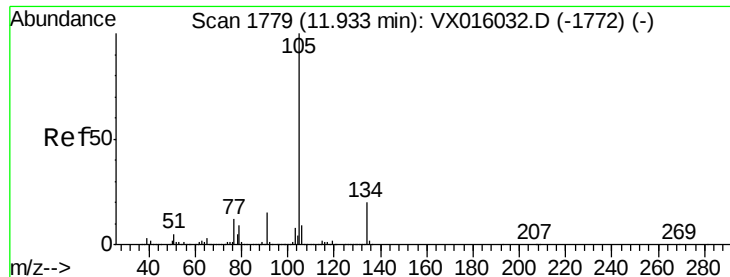
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#84
1,2,4-Trimethylbenzene
Concen: 44.529 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514553		
120	45.6	23.0	69.0	





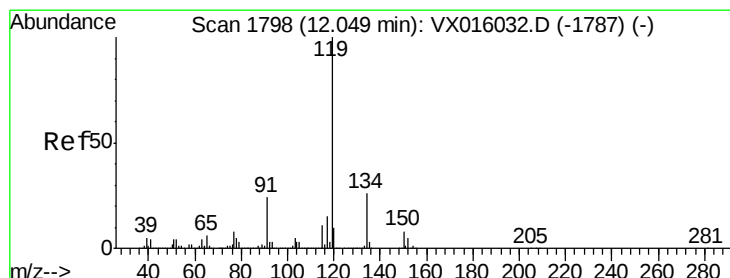
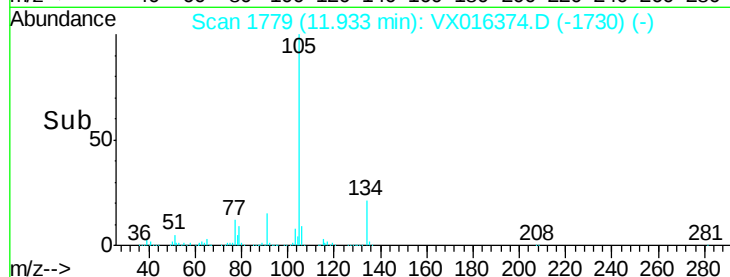
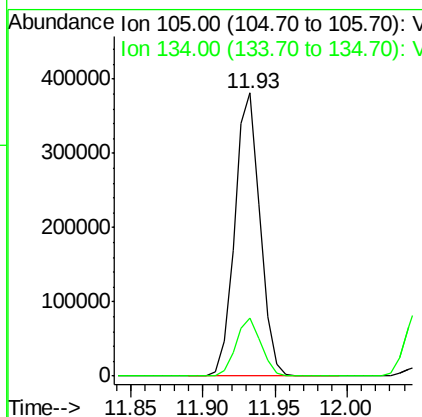
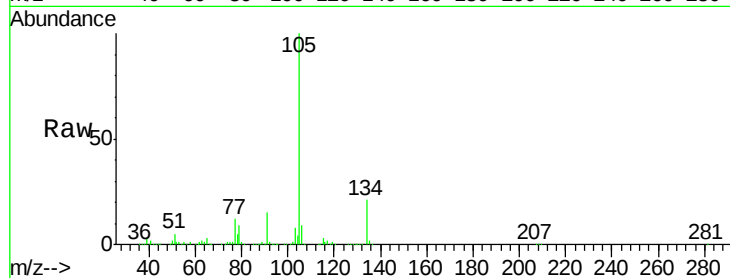
#85
 sec-Butylbenzene
 Concen: 35.108 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

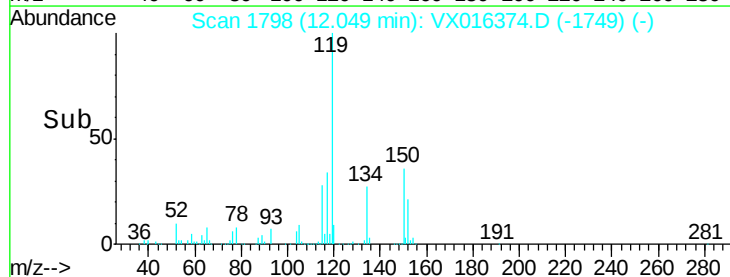
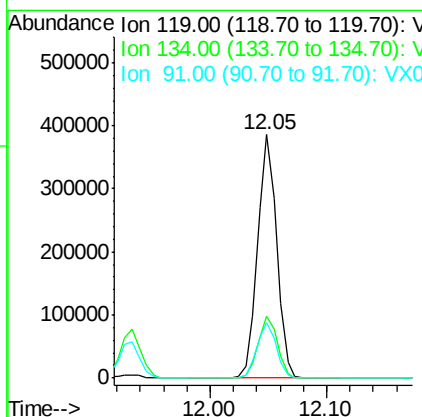
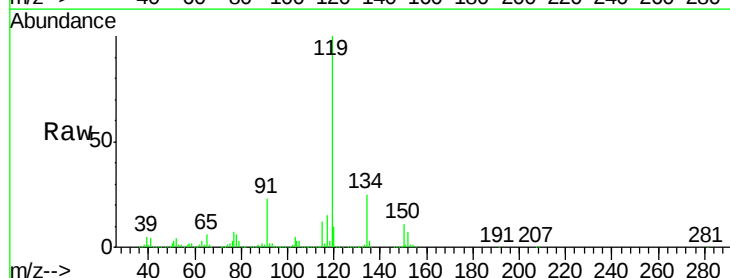
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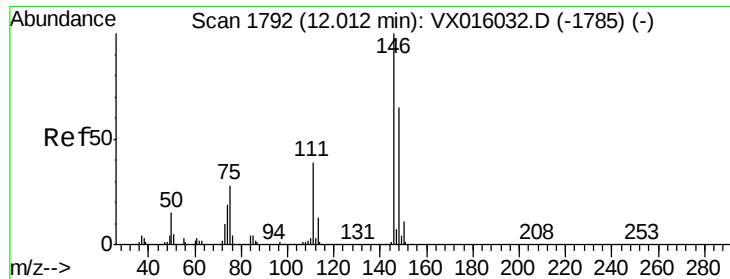
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#86
 p-Isopropyltoluene
 Concen: 35.950 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.2	11.8	35.4





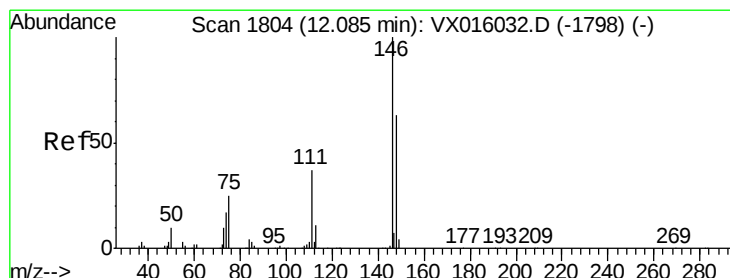
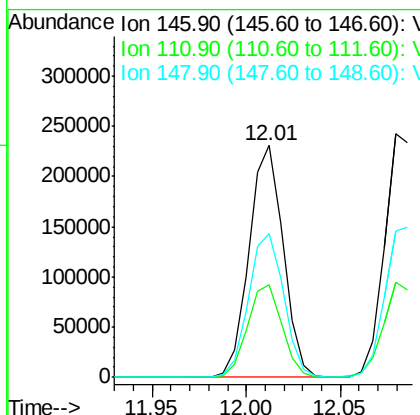
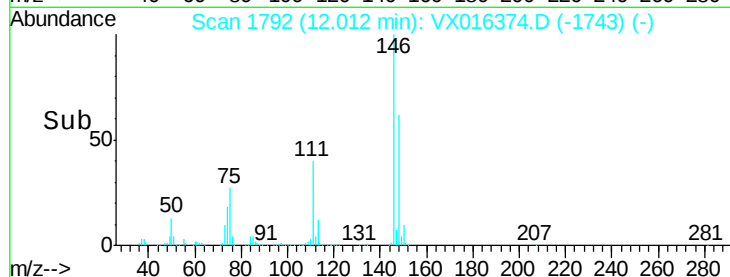
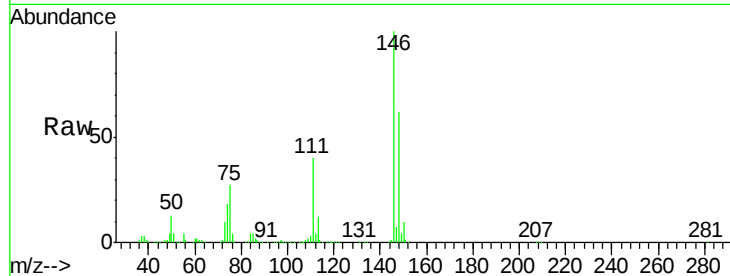
#87
 1,3-Dichlorobenzene
 Concen: 46.223 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	63.8	32.1	96.3

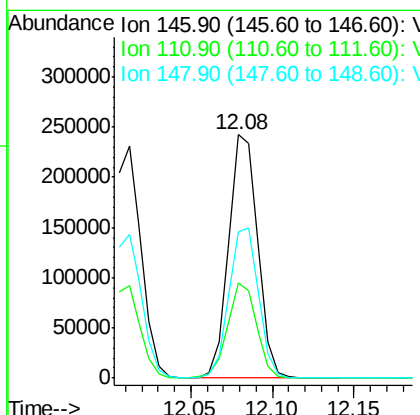
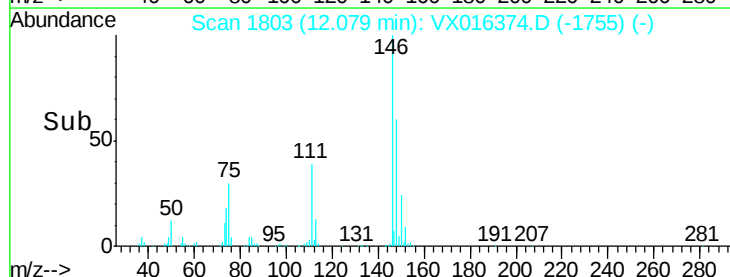
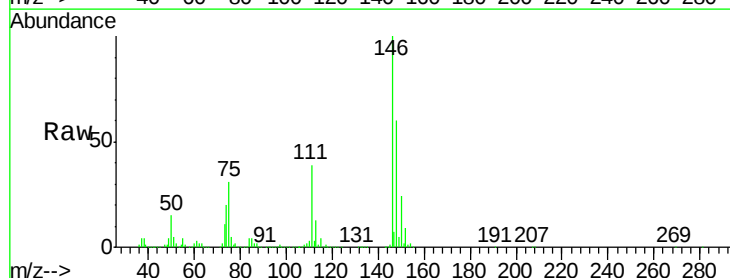
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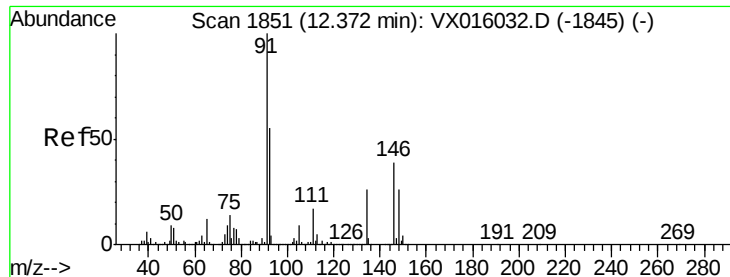
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#88
 1,4-Dichlorobenzene
 Concen: 46.904 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	62.9	31.8	95.3





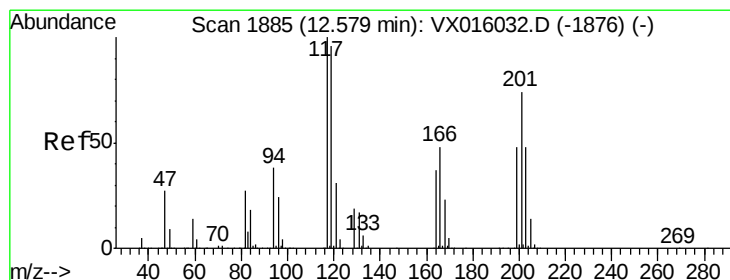
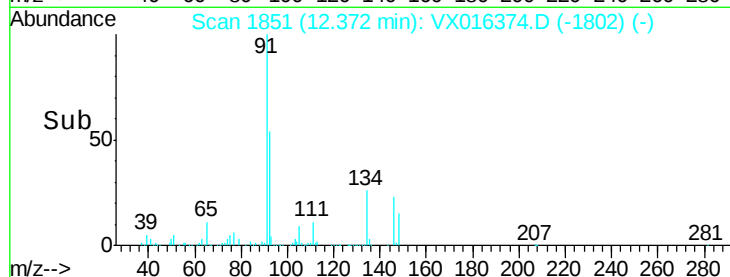
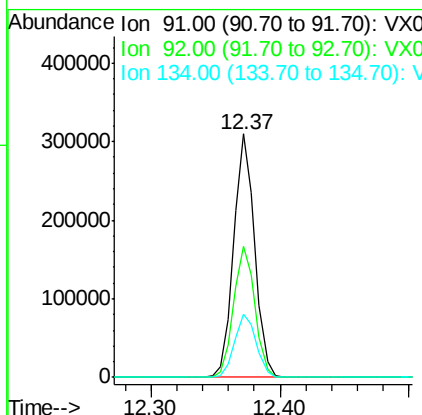
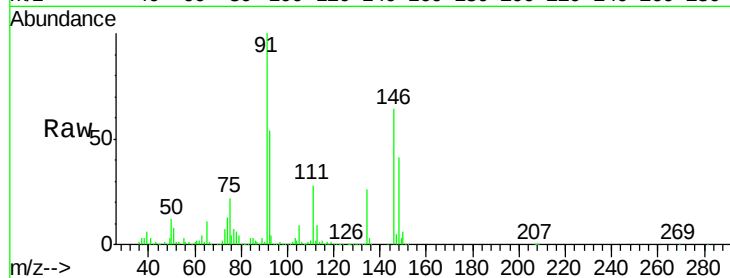
#89
n-Butylbenzene
Concen: 31.242 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.7	13.4	40.1

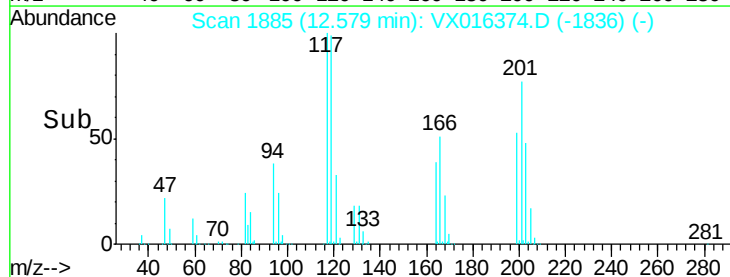
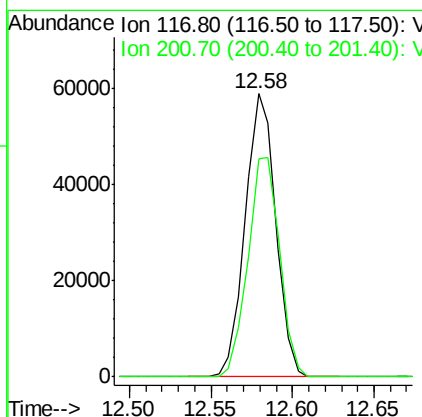
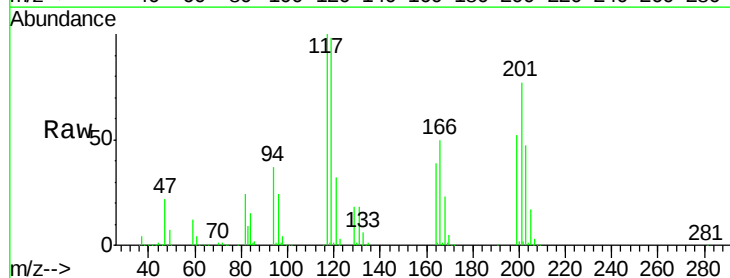
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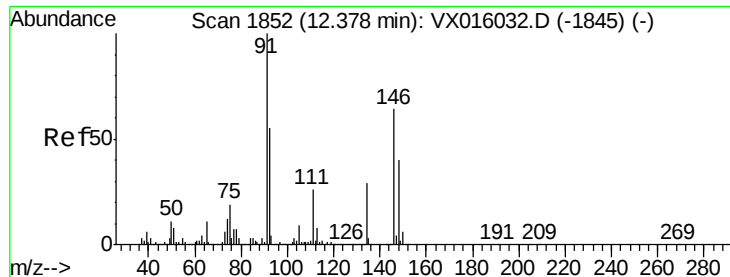
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#90
Hexachloroethane
Concen: 36.393 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 47.538 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Instrument :

MSVOA_X

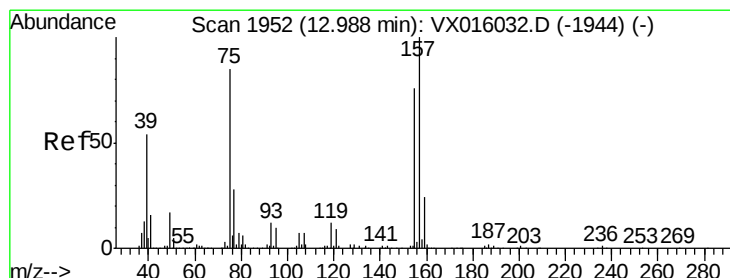
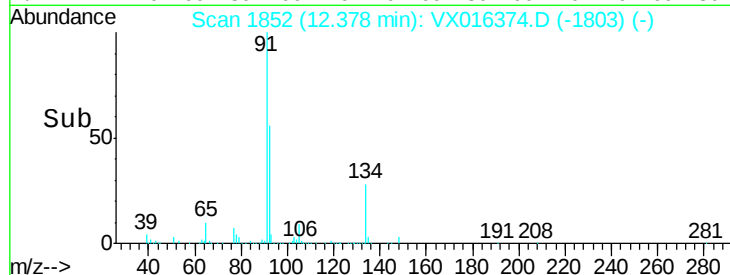
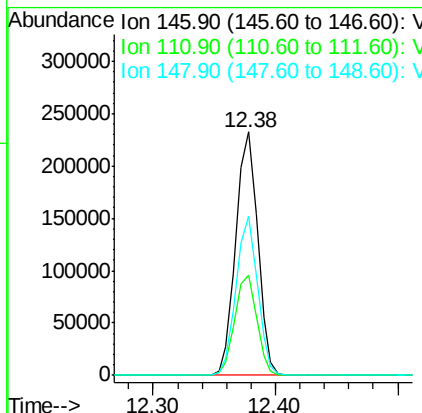
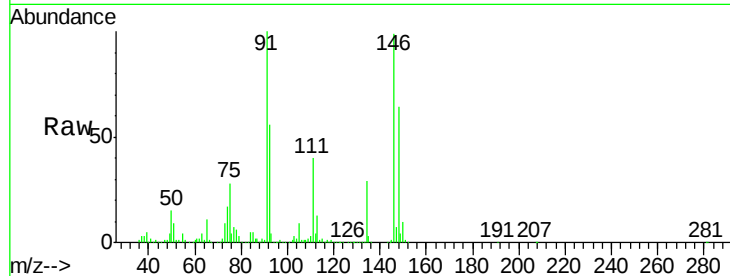
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	287184
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.1	63.1
148	64.0	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.055 ug/l

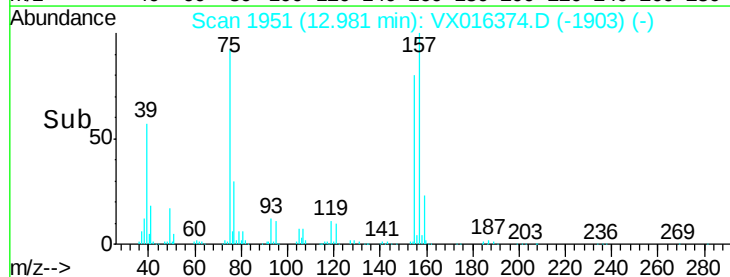
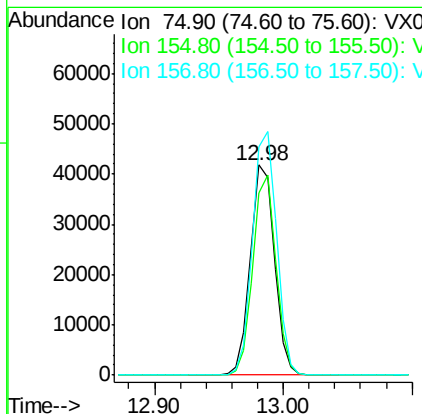
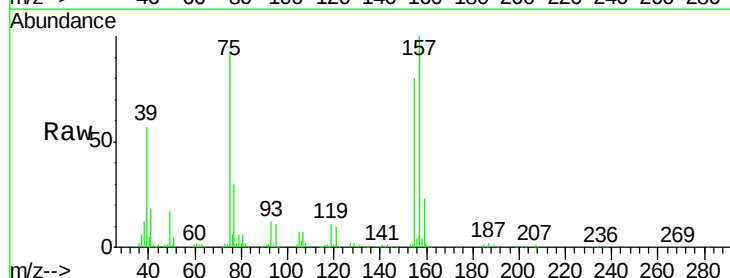
RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016374.D

Acq: 20 May 2020 20:31

Tgt Ion:	75	Resp:	53491
Ion Ratio	Lower	Upper	
75	100		
155	91.4	42.5	127.5
157	115.9	55.3	165.8





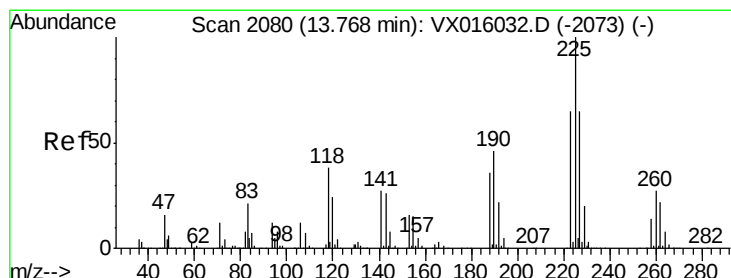
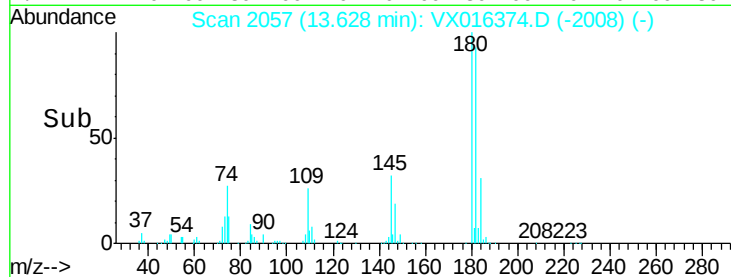
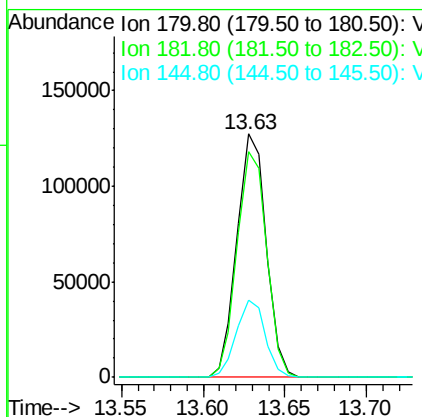
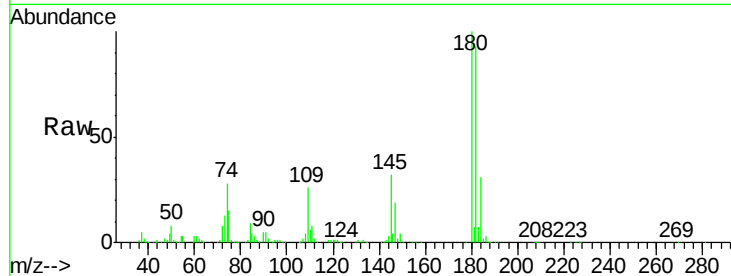
#93
 1,2,4-Trichlorobenzene
 Concen: 35.870 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160431		
182	94.0	48.7	146.1	
145	31.4	15.7	47.1	

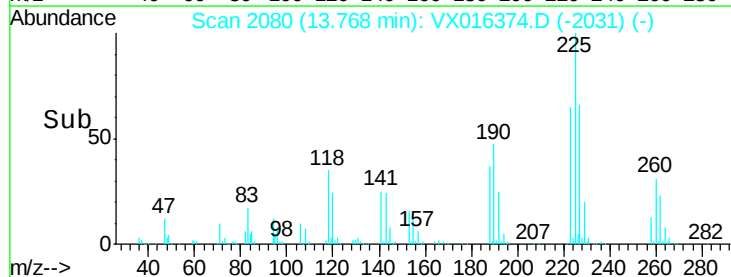
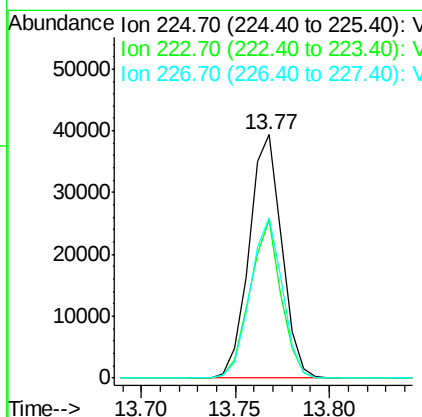
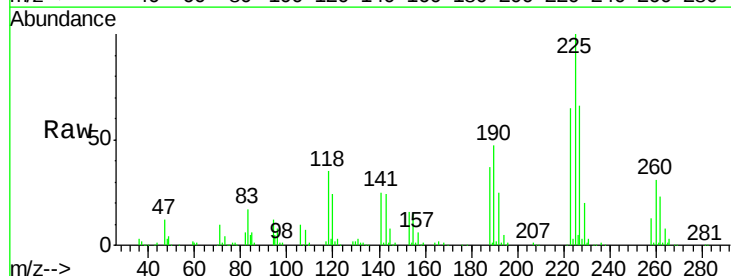
Manual Integrations
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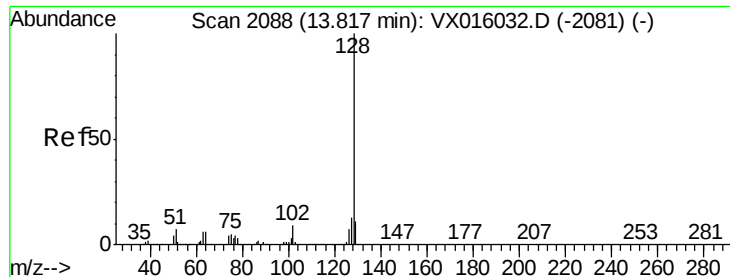
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#94
 Hexachlorobutadiene
 Concen: 24.720 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016374.D
 Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47094		
223	62.1	32.3	96.9	
227	64.9	31.8	95.4	





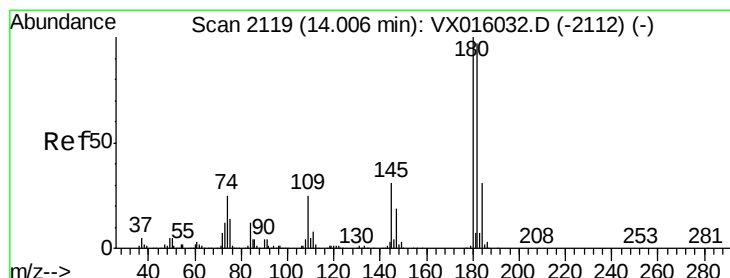
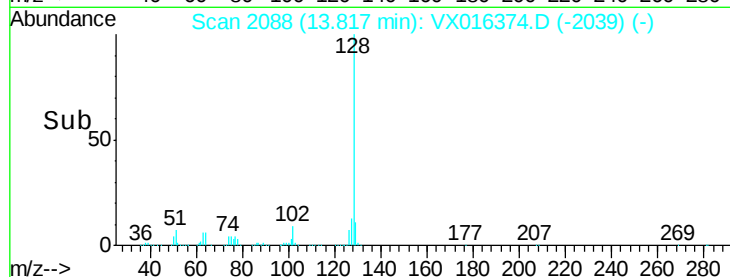
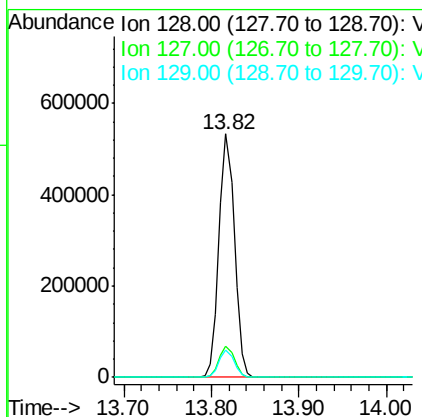
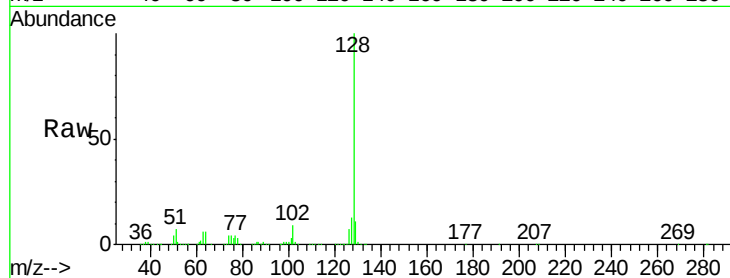
#95
Naphthalene
Concen: 44.949 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 36.565 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016374.D
Acq: 20 May 2020 20:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.0
145	32.3	16.4	49.1

