

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016650.D
 Acq On : 08 Jun 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:29 AM

Quant Time: Jun 09 06:37:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	230035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133400	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.46	113	108733	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.70	98	414450	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.12	95	159767	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	100377	44.340	ug/l	96
3) Chloromethane	1.31	50	109800	40.136	ug/l	99
4) Vinyl Chloride	1.39	62	125772	43.473	ug/l	99
5) Bromomethane	1.62	94	62670	44.552	ug/l	99
6) Chloroethane	1.70	64	77000	45.626	ug/l	99
7) Trichlorofluoromethane	1.91	101	192332	50.621	ug/l	97
8) Diethyl Ether	2.17	74	73759	46.556	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	102017	48.786	ug/l	98
10) Methyl Iodide	2.49	142	110027	44.405	ug/l	98
11) Tert butyl alcohol	3.02	59	159191	217.309	ug/l	100
12) 1,1-Dichloroethene	2.36	96	105349	47.595	ug/l	96
13) Acrolein	2.27	56	75047	240.829	ug/l	97
14) Allyl chloride	2.70	41	171807	42.207	ug/l	96
15) Acrylonitrile	3.12	53	339712	226.385	ug/l	99
16) Acetone	2.42	43	279275	223.134	ug/l	100
17) Carbon Disulfide	2.55	76	273605	41.625	ug/l	100
18) Methyl Acetate	2.75	43	152580	47.531	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	386180	48.587	ug/l	98
20) Methylene Chloride	2.83	84	120186	46.413	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	114653	46.830	ug/l	92
22) Diisopropyl ether	3.82	45	343080	43.873	ug/l	97
23) Vinyl Acetate	3.78	43	1515434	221.402	ug/l	97
24) 1,1-Dichloroethane	3.67	63	203795	46.174	ug/l	99
25) 2-Butanone	4.64	43	453971	214.057	ug/l	95
26) 2,2-Dichloropropane	4.55	77	172610	47.794	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	130931	46.227	ug/l	98
28) Bromochloromethane	4.98	49	85006	41.446	ug/l	84
29) Tetrahydrofuran	5.09	42	290436	211.977	ug/l	93
30) Chloroform	5.18	83	216350	48.649	ug/l	98
31) Cyclohexane	5.55	56	161483	40.669	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	200678	49.843	ug/l	99
36) 1,1-Dichloropropene	5.77	75	153285	45.374	ug/l	97
37) Ethyl Acetate	4.79	43	170285	41.984	ug/l	97
38) Carbon Tetrachloride	5.75	117	179531	50.569	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	164640	44.869	ug/l	99
40) Benzene	6.12	78	469061	46.625	ug/l	98
41) Methacrylonitrile	5.01	41	93419	41.932	ug/l	96
42) 1,2-Dichloroethane	6.16	62	172445	48.200	ug/l	100
43) Isopropyl Acetate	6.41	43	273242	43.190	ug/l	97
44) Trichloroethene	7.19	130	147728	46.282	ug/l	92
45) 1,2-Dichloropropane	7.49	63	119071	46.491	ug/l	99
46) Dibromomethane	7.64	93	83995	48.827	ug/l	95
47) Bromodichloromethane	7.88	83	178457	50.102	ug/l	99
48) Methyl methacrylate	7.74	41	134014	44.242	ug/l	96
49) 1,4-Dioxane	7.71	88	62605	883.139	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	879490	223.263	ug/l	97
52) Toluene	8.77	92	307961	48.544	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	197581	48.783	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	205600	47.958	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	125805	49.876	ug/l	98
56) Ethyl methacrylate	9.16	69	196863	47.922	ug/l	96
57) 1,3-Dichloropropane	9.35	76	209283	48.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	505025	235.529	ug/l	95
59) 2-Hexanone	9.48	43	685896	223.901	ug/l	97
60) Dibromochloromethane	9.57	129	148263	52.231	ug/l	99
61) 1,2-Dibromoethane	9.65	107	135745	50.256	ug/l	99
64) Tetrachloroethene	9.32	164	169965	44.647	ug/l	98
65) Chlorobenzene	10.12	112	336931	48.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134867	50.930	ug/l	99
67) Ethyl Benzene	10.24	91	583422	47.237	ug/l	100
68) m/p-Xylenes	10.34	106	444774	97.124	ug/l	100
69) o-Xylene	10.68	106	212101	47.825	ug/l	99
70) Styrene	10.70	104	377349	49.501	ug/l	99
71) Bromoform	10.84	173	115949	51.809	ug/l #	99
73) Isopropylbenzene	11.00	105	573846	47.135	ug/l	100
74) N-amyl acetate	10.88	43	233100	41.625	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	157611	51.656	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	177594m	45.983	ug/l	
77) Bromobenzene	11.24	156	151472	47.437	ug/l	94
78) n-propylbenzene	11.34	91	630176	46.331	ug/l	99
79) 2-Chlorotoluene	11.40	91	390978	47.092	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	485659	47.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68597	43.690	ug/l	99
82) 4-Chlorotoluene	11.49	91	457429	46.656	ug/l	99
83) tert-Butylbenzene	11.76	119	433689	49.930	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	482173	46.901	ug/l	100
85) sec-Butylbenzene	11.93	105	513989	47.171	ug/l	99
86) p-Isopropyltoluene	12.05	119	499029	48.891	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	259706	46.945	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	265558	46.936	ug/l	99
89) n-Butylbenzene	12.37	91	402522	47.346	ug/l	99
90) Hexachloroethane	12.58	117	85777	48.653	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	257673	48.076	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45921	46.465	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174564	49.040	ug/l	99
94) Hexachlorobutadiene	13.77	225	74002	52.950	ug/l	99
95) Naphthalene	13.82	128	591617	48.482	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	177151	50.799	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 230035

Ion Ratio Lower Upper

168 100

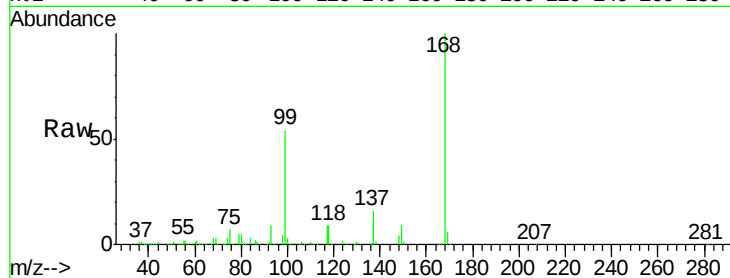
99 53.7 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

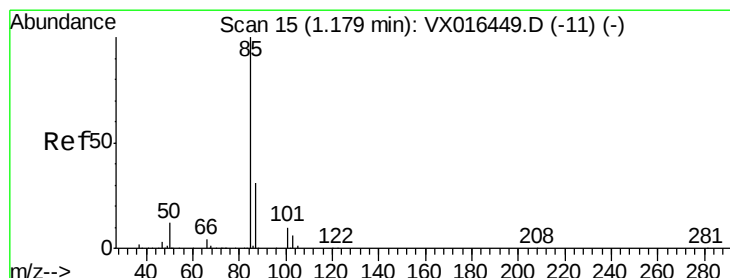
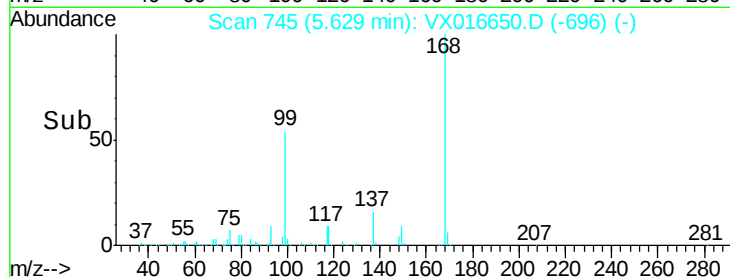
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.340 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016650.D

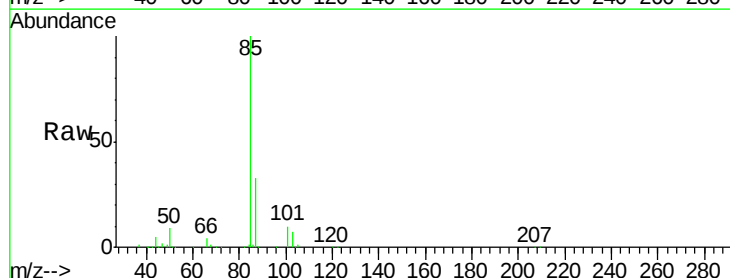
Acq: 08 Jun 2020 20:13

Tgt Ion: 85 Resp: 100377

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

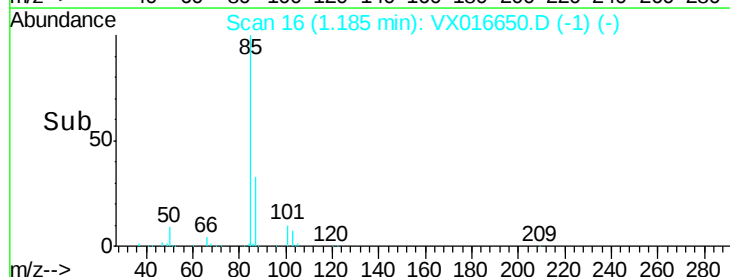
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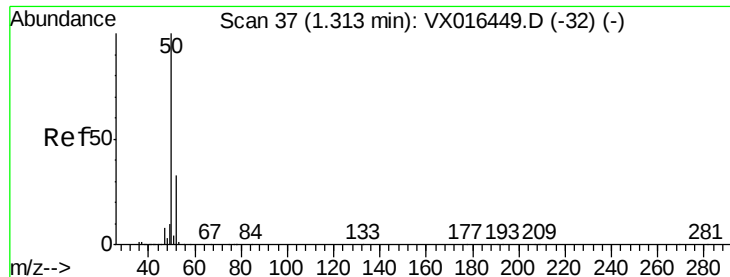
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 40.136 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 109800

Ion Ratio Lower Upper

50 100

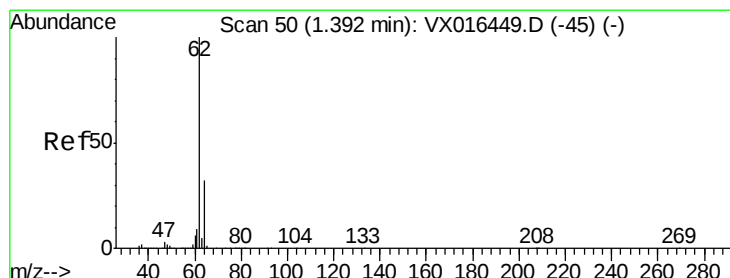
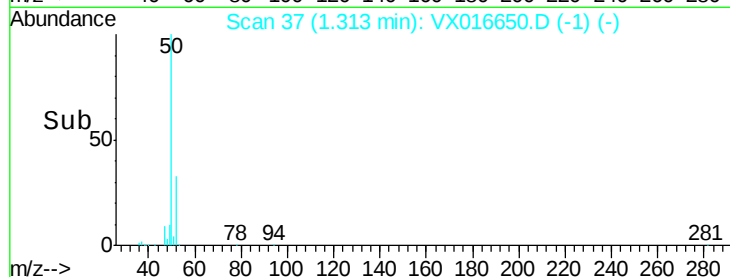
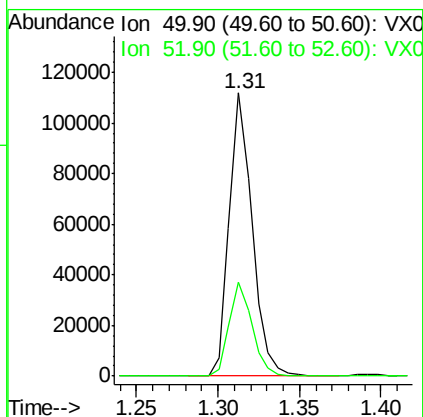
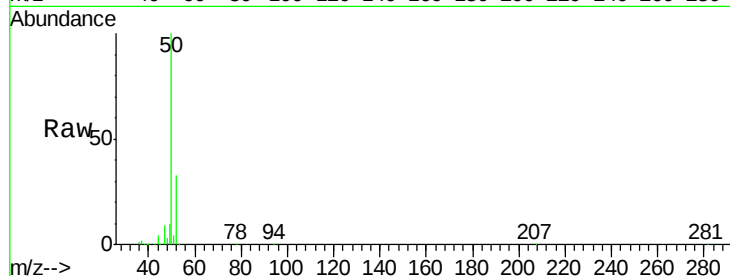
52 33.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 43.473 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016650.D

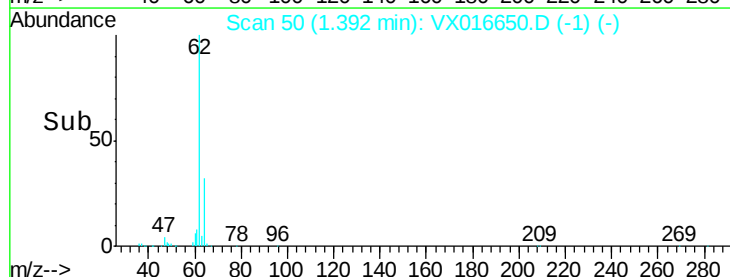
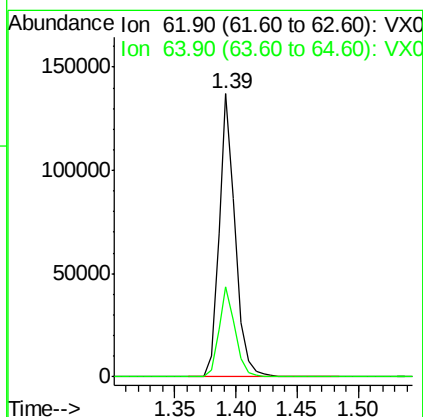
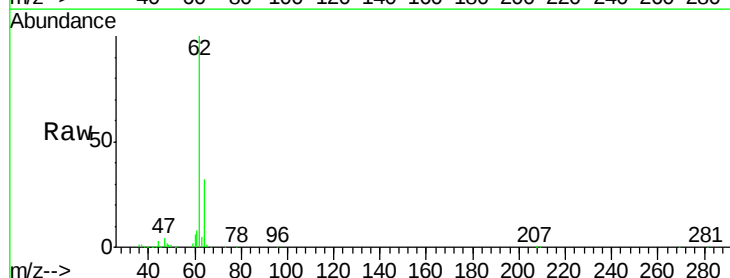
Acq: 08 Jun 2020 20:13

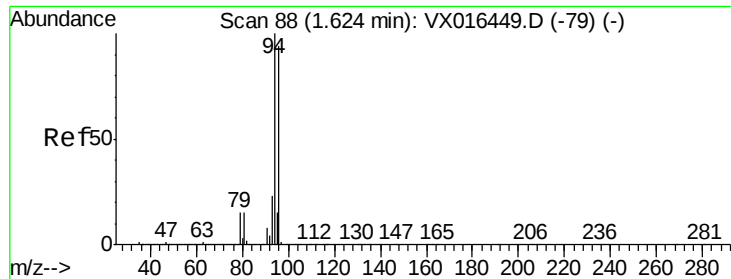
Tgt Ion: 62 Resp: 125772

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 44.552 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62670

Ion Ratio Lower Upper

94 100

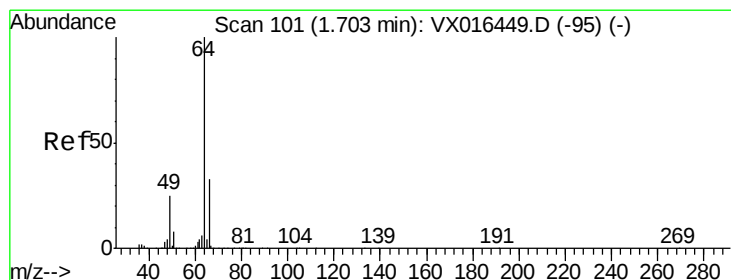
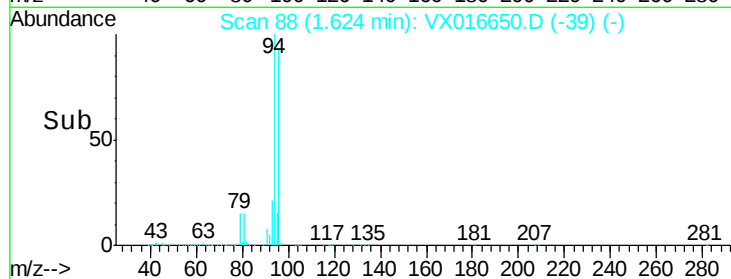
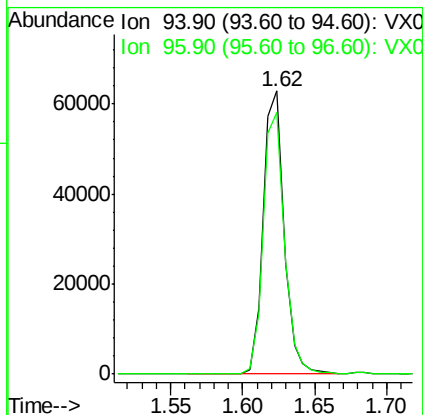
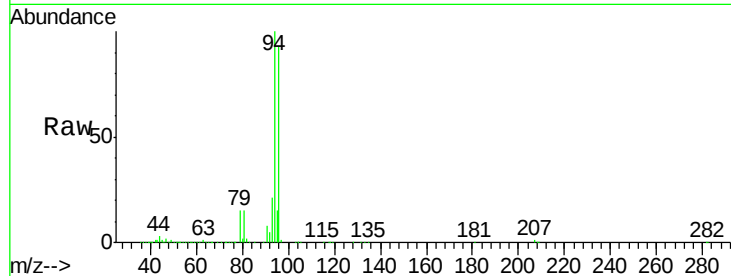
96 92.5 75.1 112.7

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#6

Chloroethane

Concen: 45.626 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016650.D

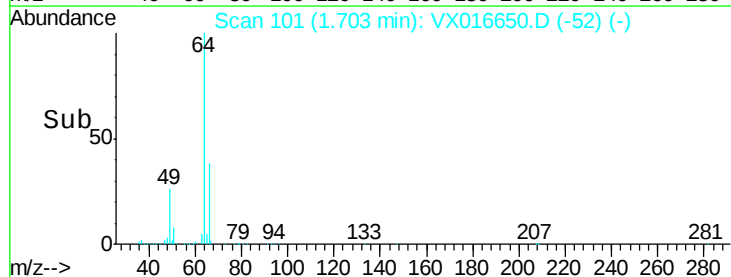
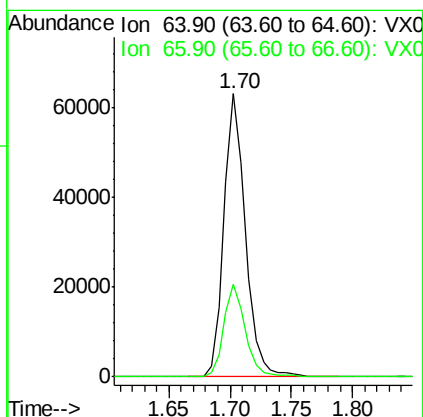
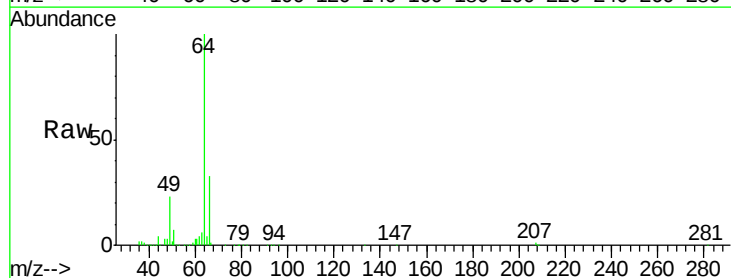
Acq: 08 Jun 2020 20:13

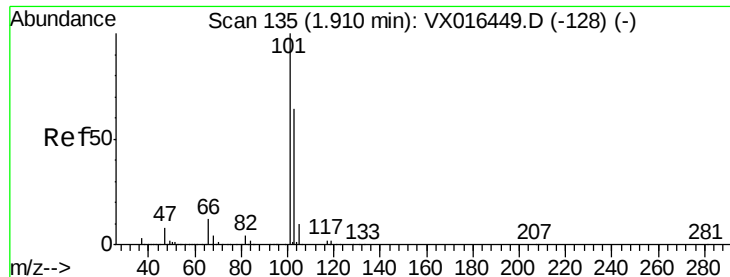
Tgt Ion: 64 Resp: 77000

Ion Ratio Lower Upper

64 100

66 33.0 26.7 40.1





#7

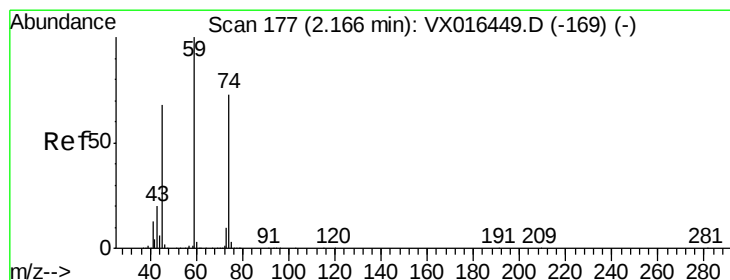
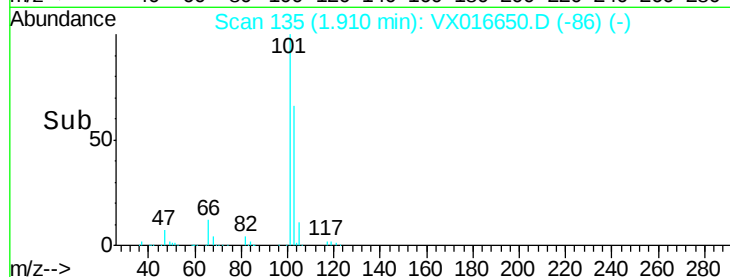
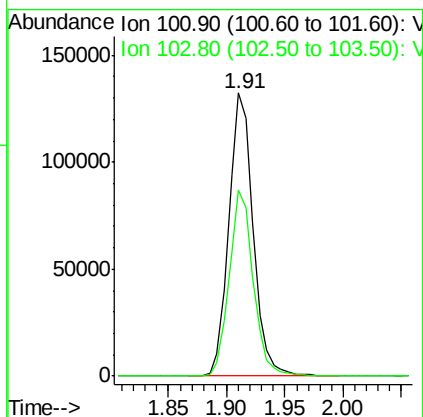
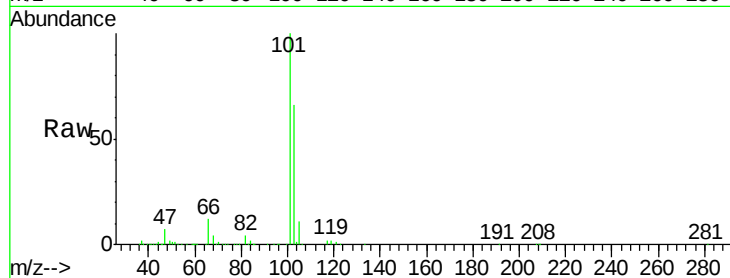
Trichlorofluoromethane
Concen: 50.621 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016650.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.9	76.3

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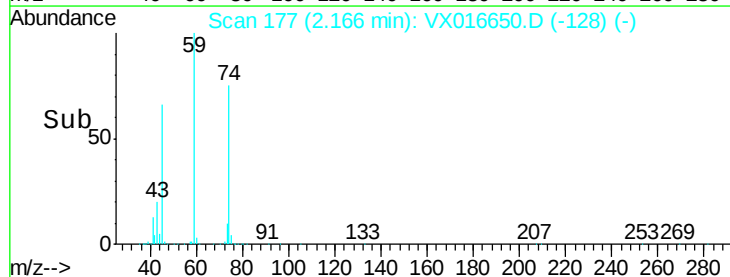
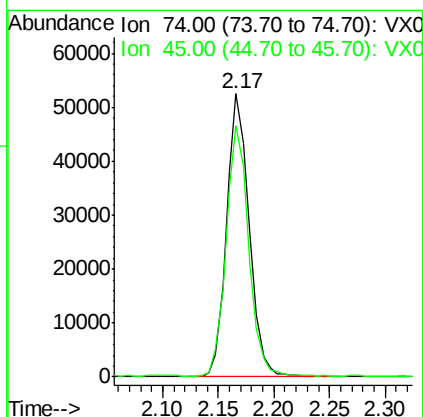
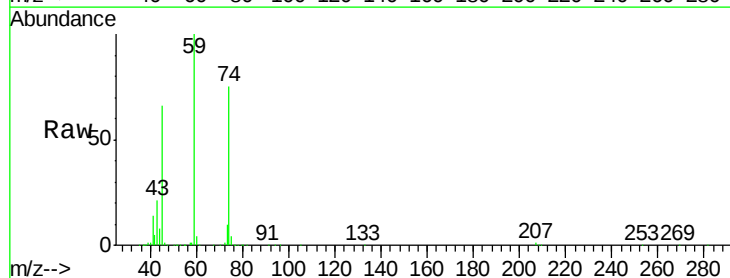
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#8

Diethyl Ether
Concen: 46.556 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.786 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

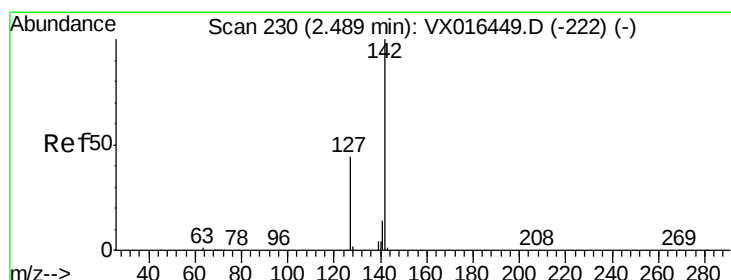
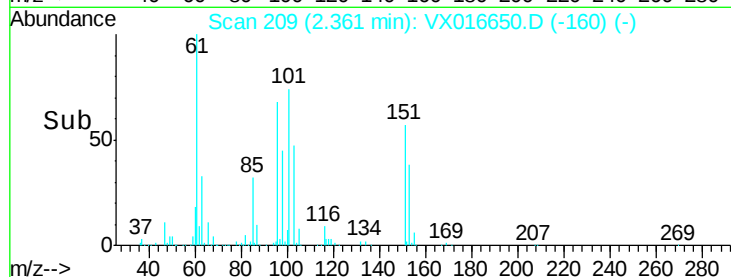
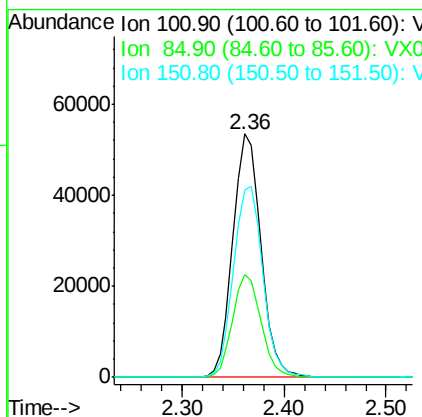
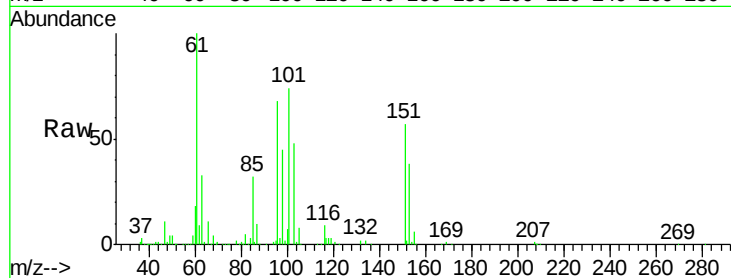
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	102017
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	82.1	63.8	95.6

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#10

Methyl Iodide

Concen: 44.405 ug/l

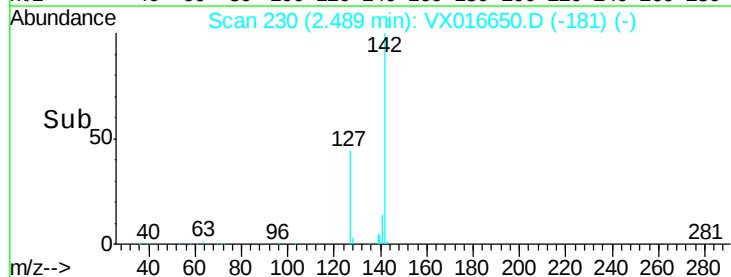
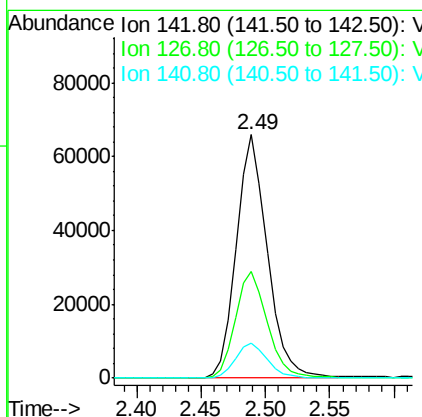
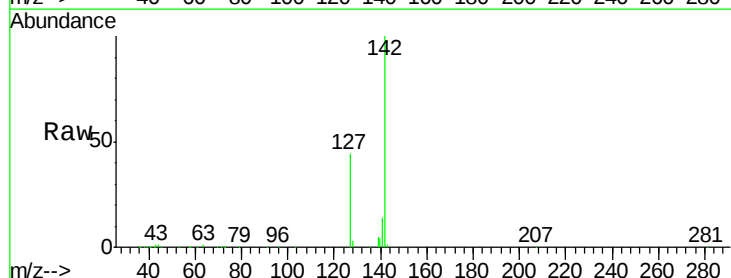
RT: 2.49 min Scan# 230

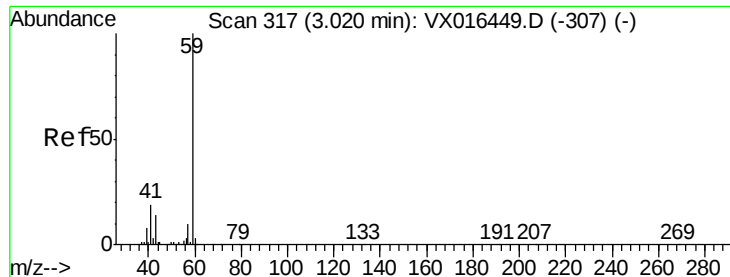
Delta R.T. 0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion:	142	Resp:	110027
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.3	52.9
141	15.0	11.4	17.2





#11

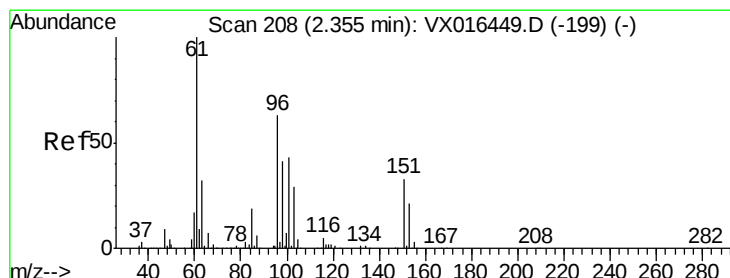
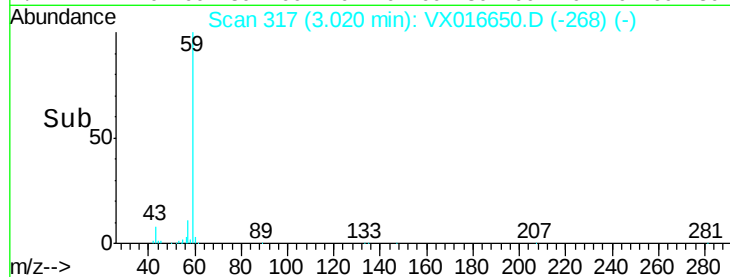
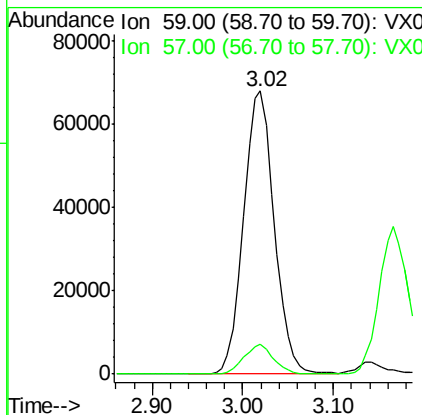
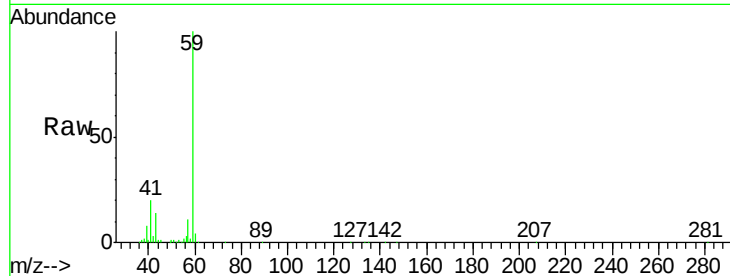
Tert butyl alcohol
 Concen: 217.309 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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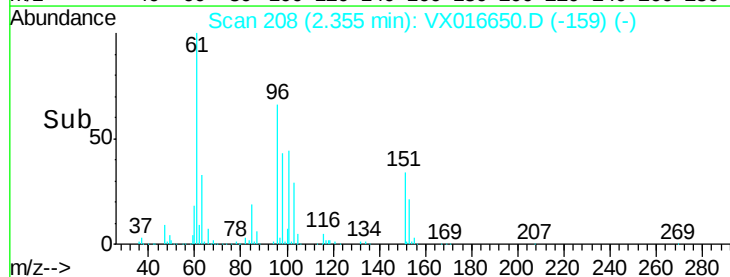
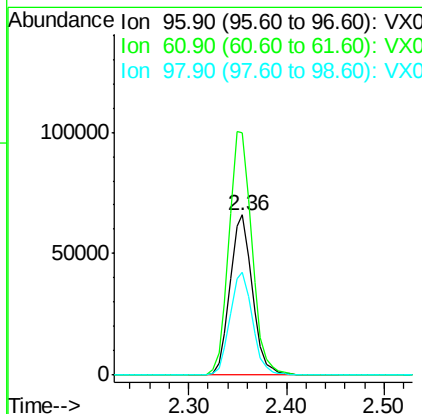
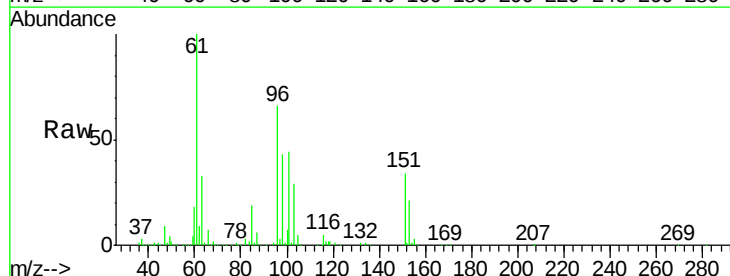
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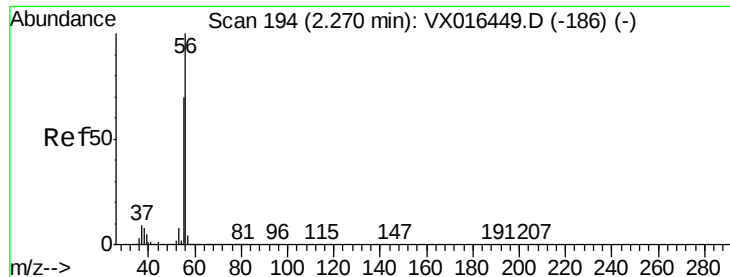


#12

1,1-Dichloroethene
 Concen: 47.595 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	126.6	189.8
98	64.4	51.3	76.9





#13

Acrolein

Concen: 240.829 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 75047

Ion Ratio Lower Upper

56 100

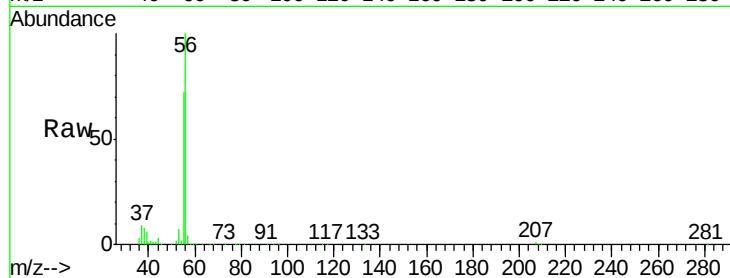
55 70.6 58.3 87.5

Manual Integrations

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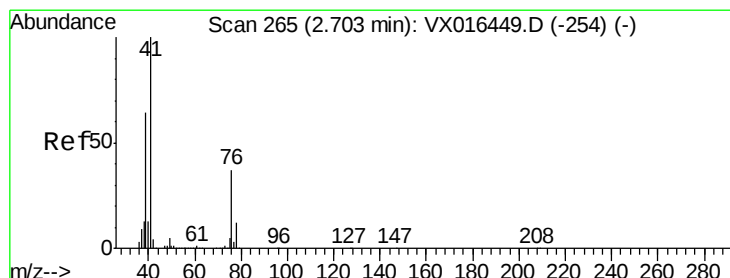
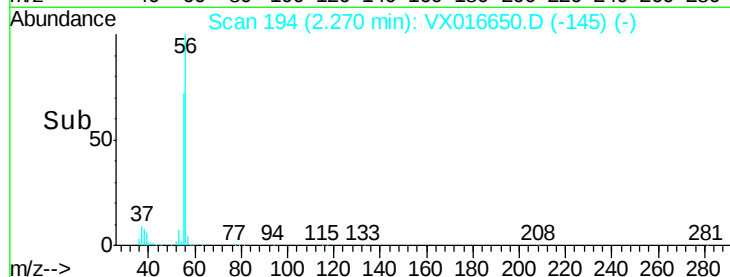
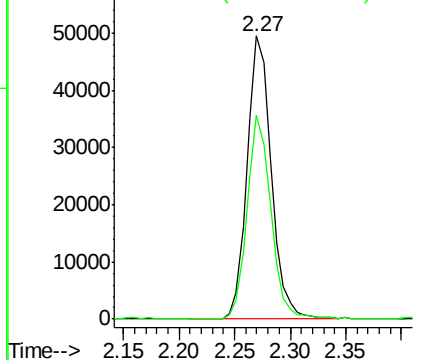
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 42.207 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

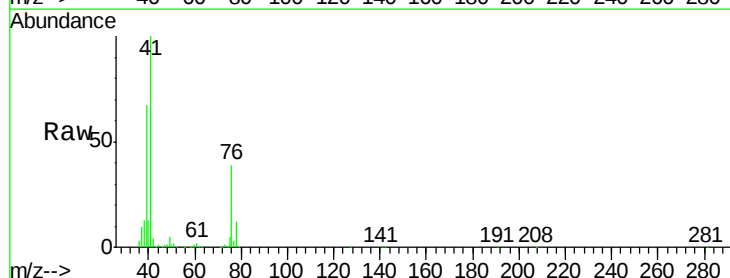
Tgt Ion: 41 Resp: 171807

Ion Ratio Lower Upper

41 100

39 61.6 47.7 71.5

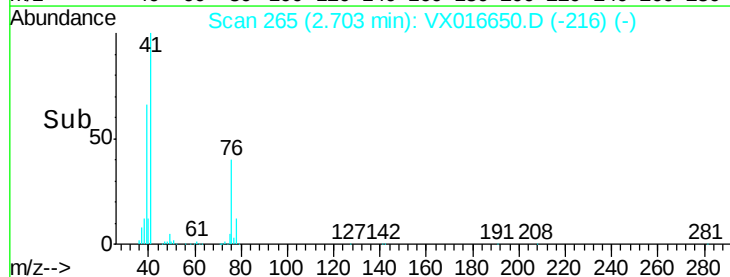
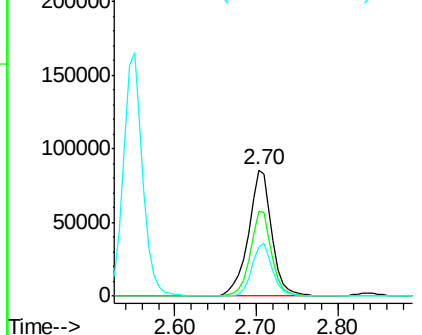
76 36.5 26.6 40.0

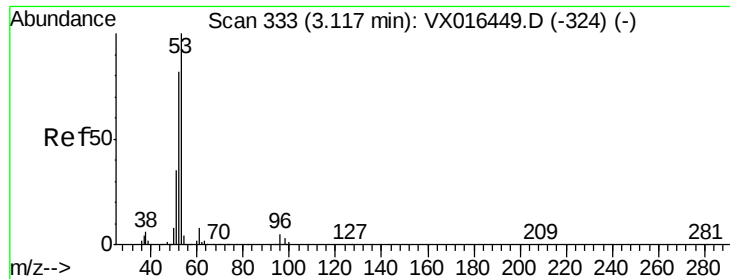


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





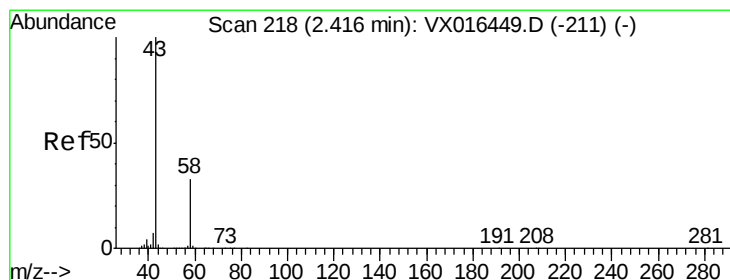
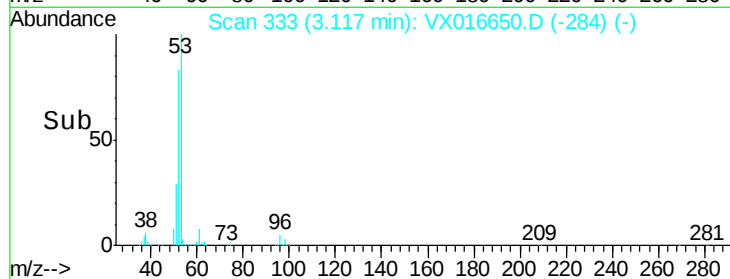
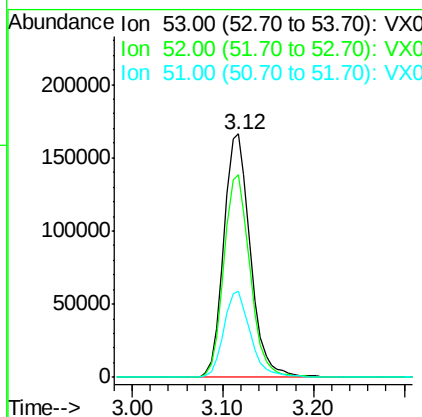
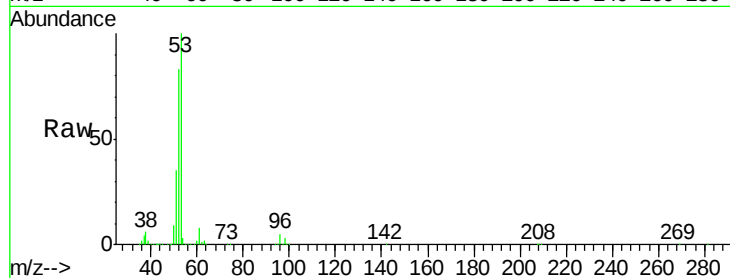
#15
 Acrylonitrile
 Concen: 226.385 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	53	Resp	339712
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	35.2	28.6	43.0

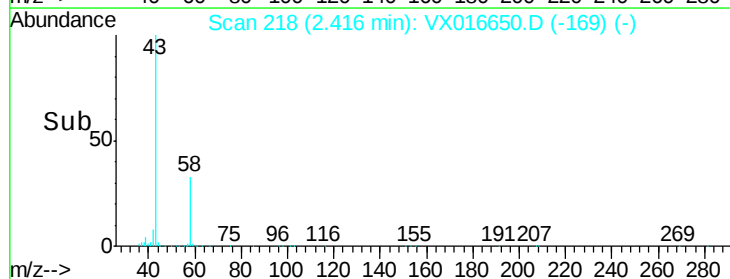
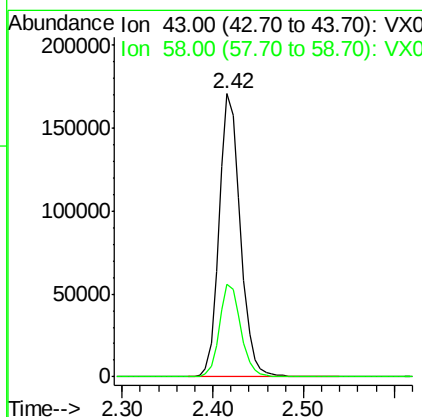
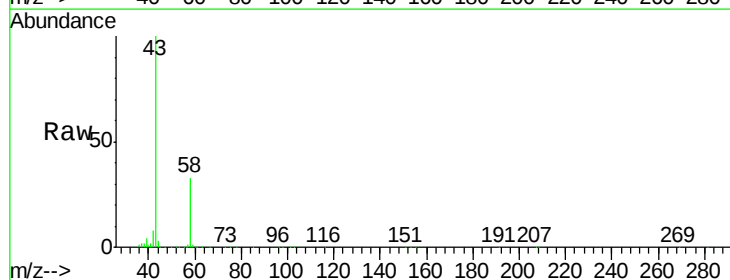
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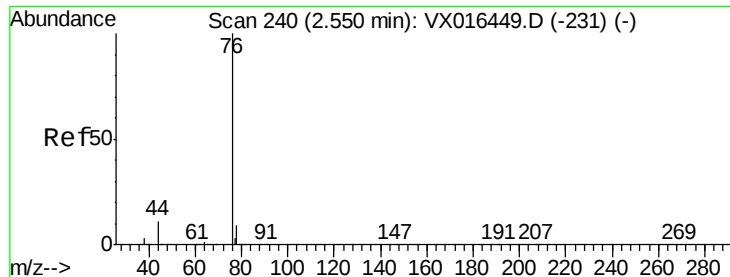
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#16
 Acetone
 Concen: 223.134 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	43	Resp	279275
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.1	39.1





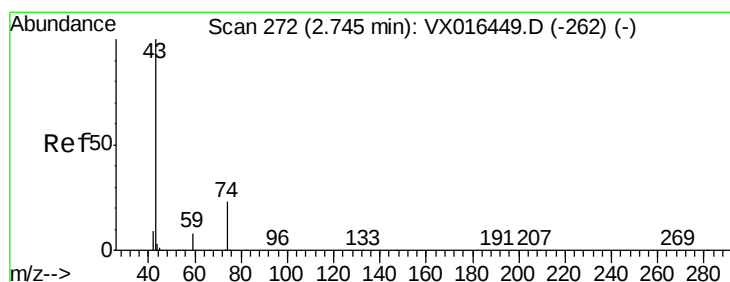
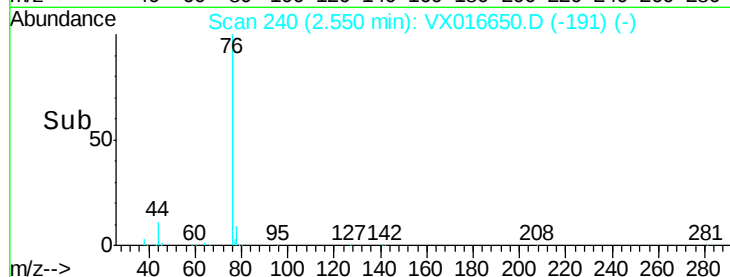
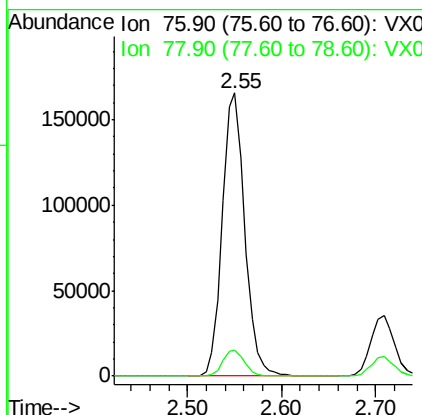
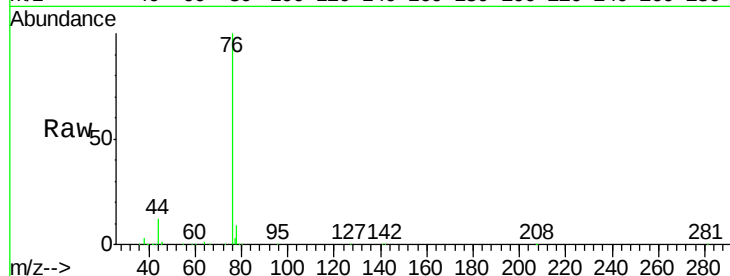
#17
Carbon Disulfide
Concen: 41.625 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

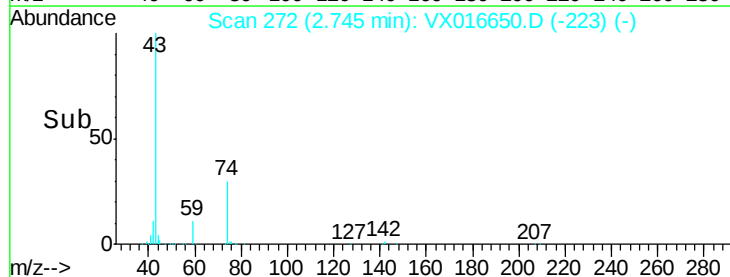
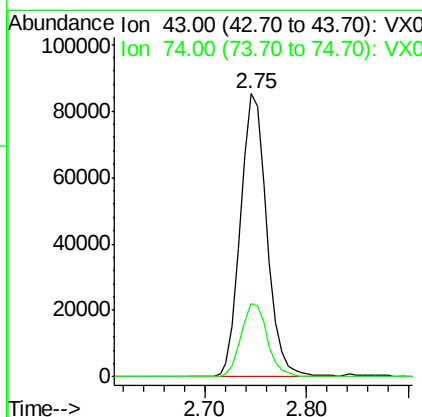
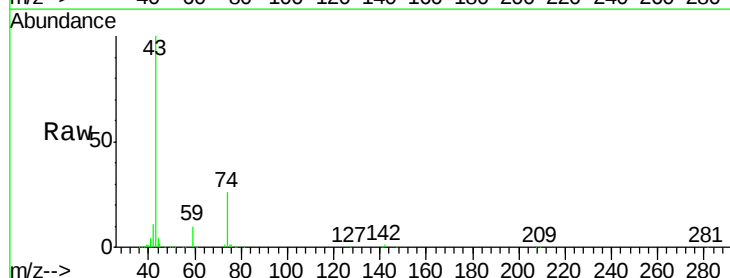
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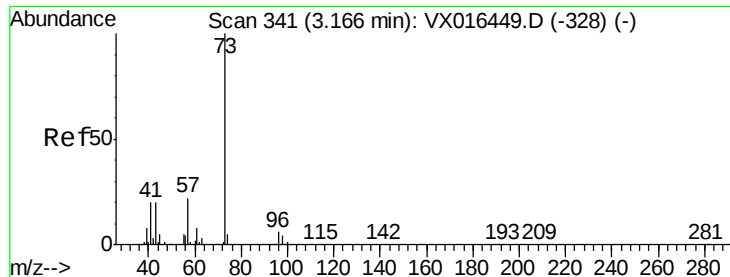
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6/9/2020 11:41:29 AM



#18
Methyl Acetate
Concen: 47.531 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	19.7	29.5





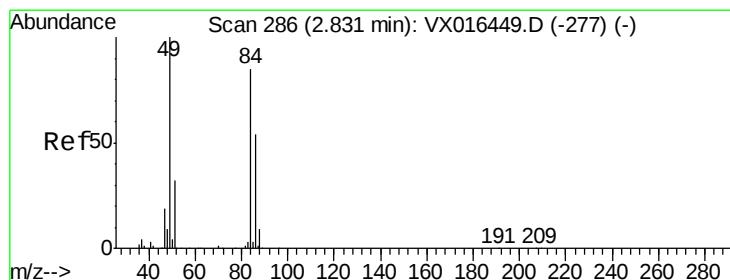
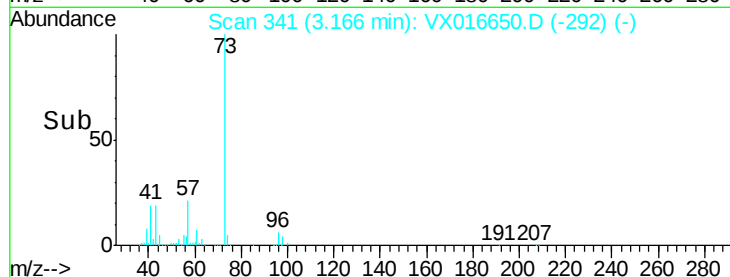
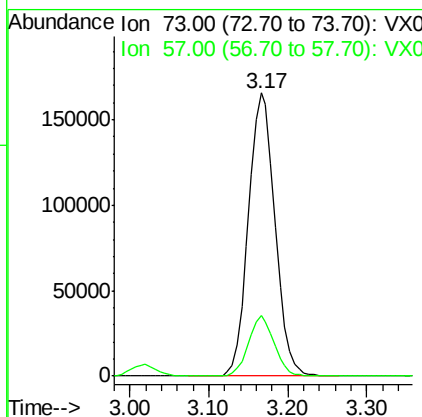
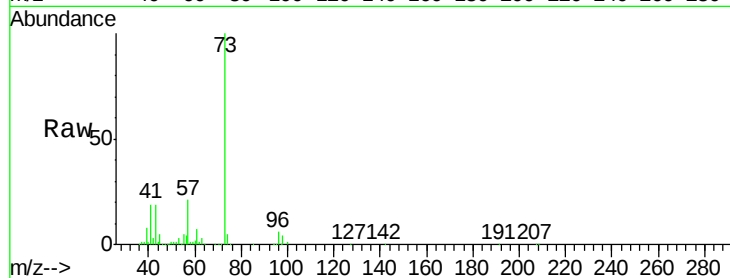
#19
Methvl tert-butvl Ether
Concen: 48.587 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.8	26.6

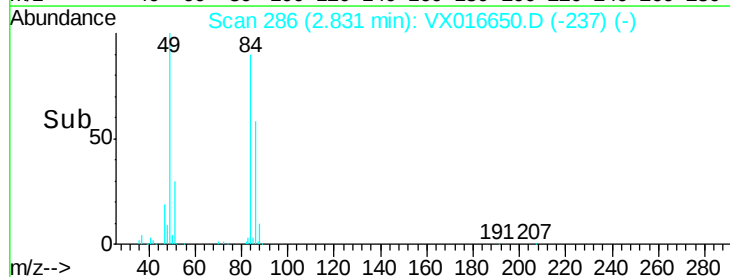
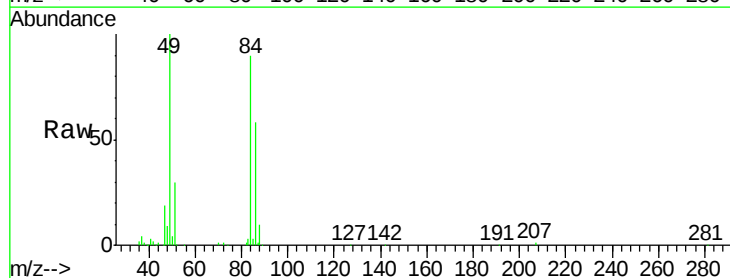
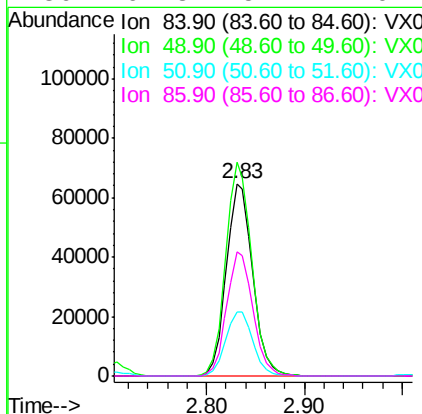
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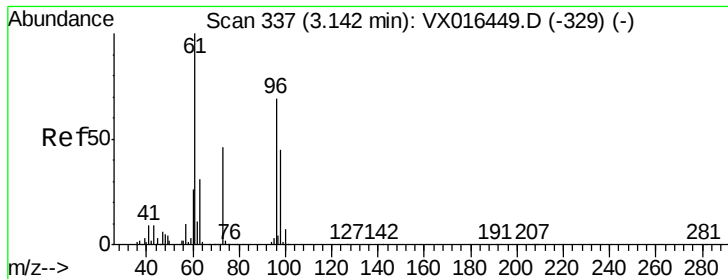
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#20
Methylene Chloride
Concen: 46.413 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.1	94.5	141.7
51	33.4	30.2	45.4
86	64.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 46.830 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

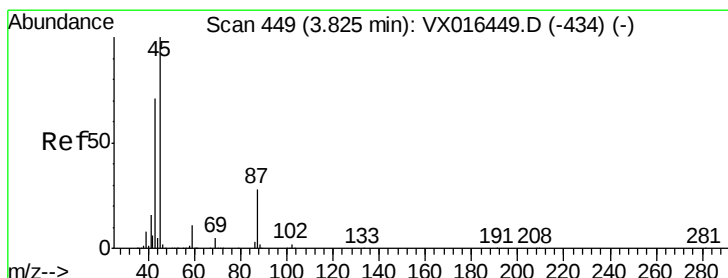
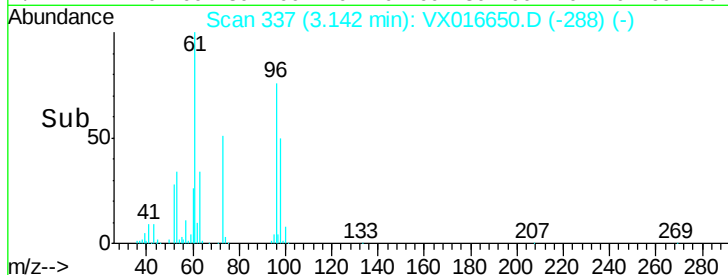
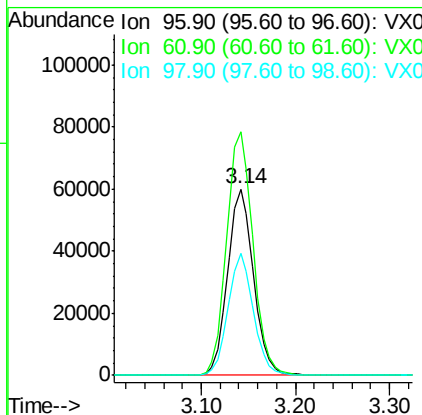
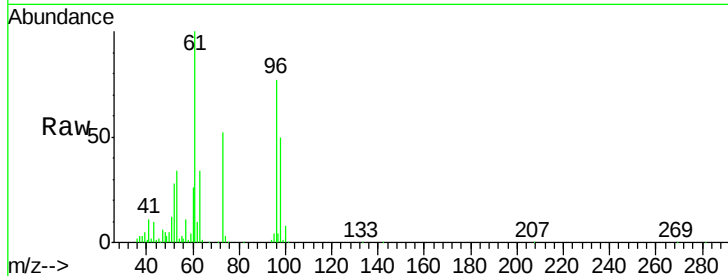
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	114653
Ion	Ratio	Lower	Upper
96	100		
61	130.7	115.3	172.9
98	65.7	51.9	77.9

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#22

Diisopropyl ether

Concen: 43.873 ug/l

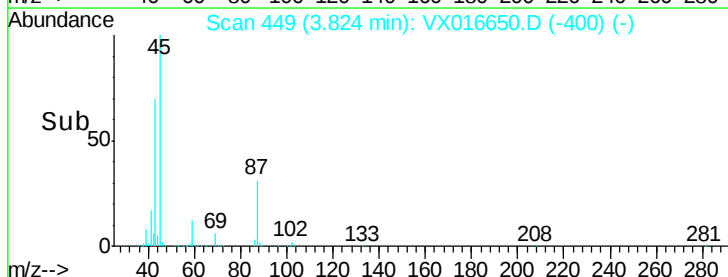
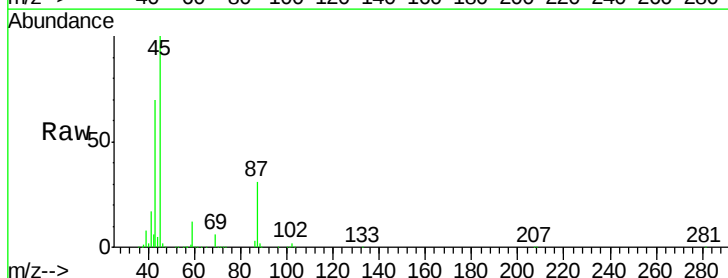
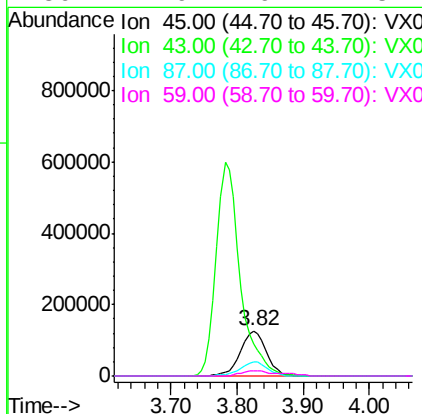
RT: 3.82 min Scan# 449

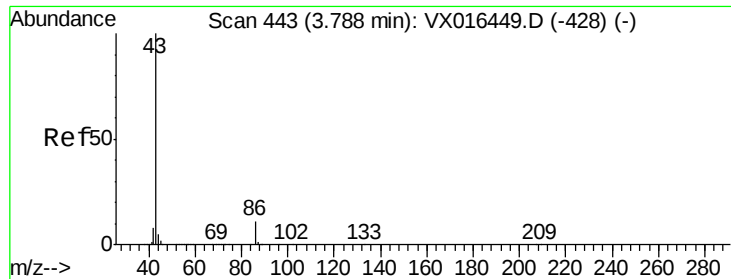
Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion:	45	Resp:	343080
Ion	Ratio	Lower	Upper
45	100		
43	69.9	57.0	85.6
87	30.9	22.5	33.7
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 221.402 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1515434

Ion Ratio Lower Upper

43 100

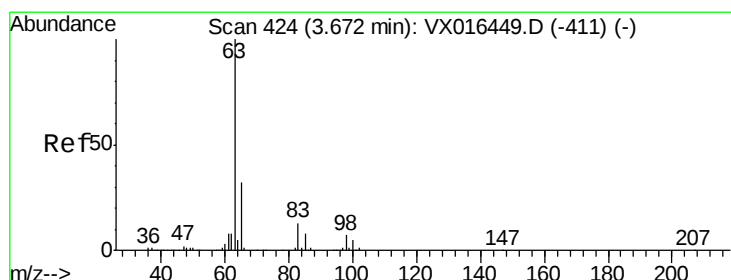
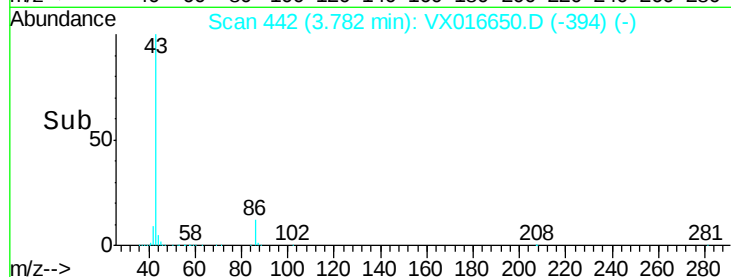
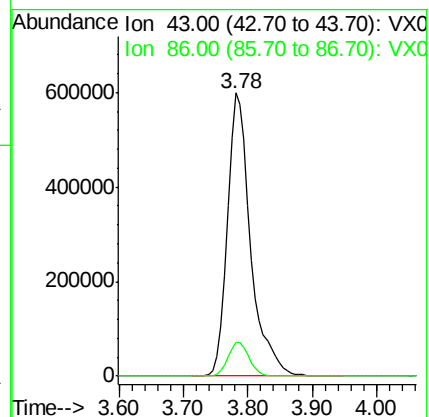
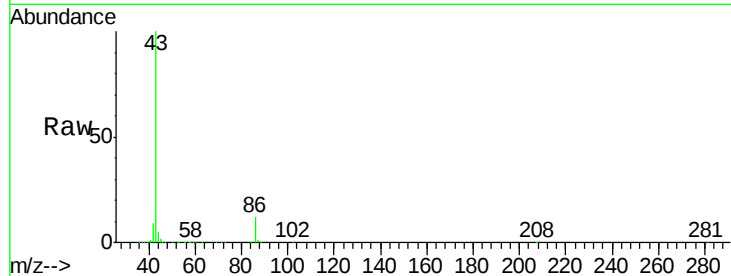
86 12.1 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.174 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

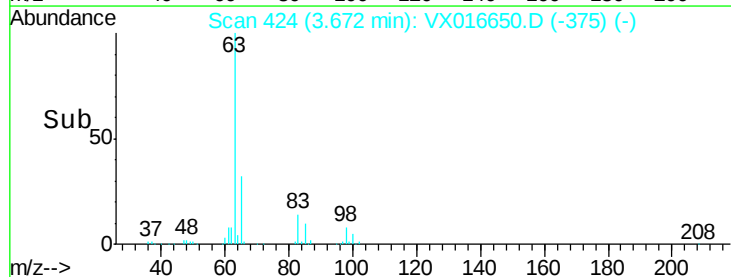
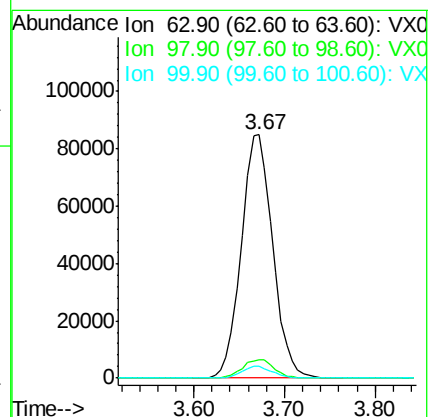
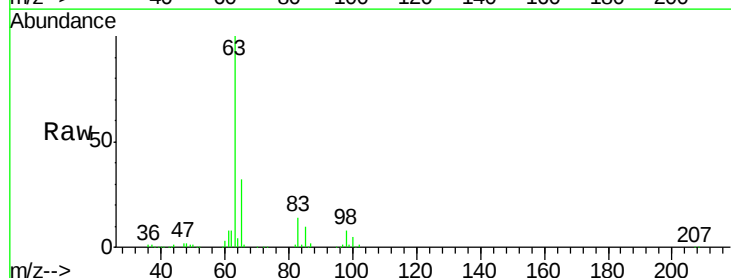
Tgt Ion: 63 Resp: 203795

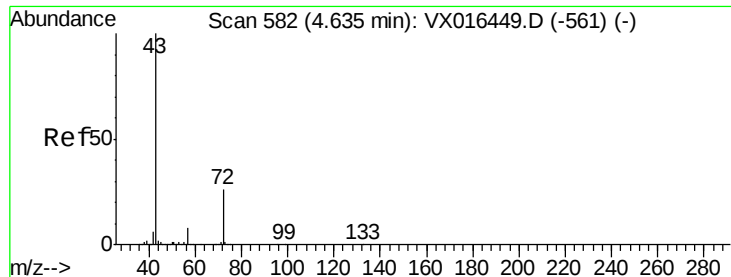
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 214.057 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 453971

Ion Ratio Lower Upper

43 100

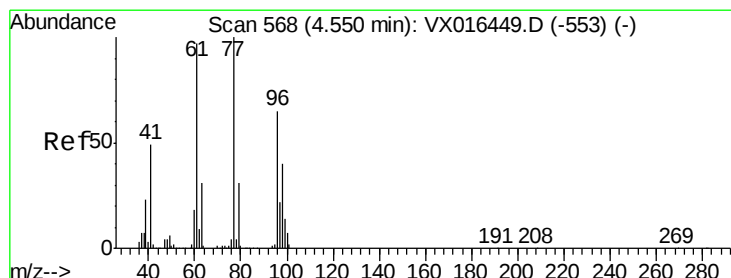
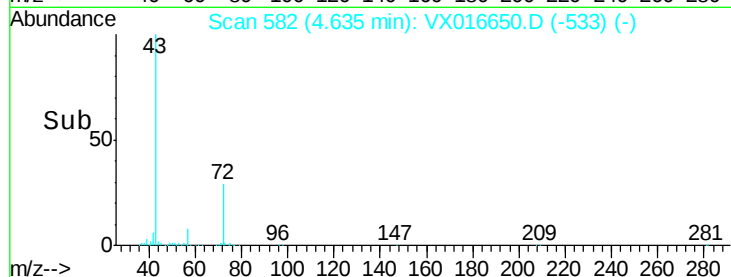
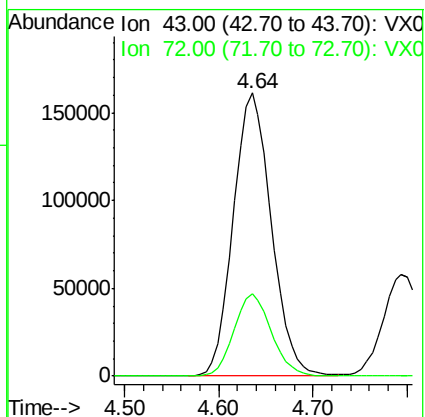
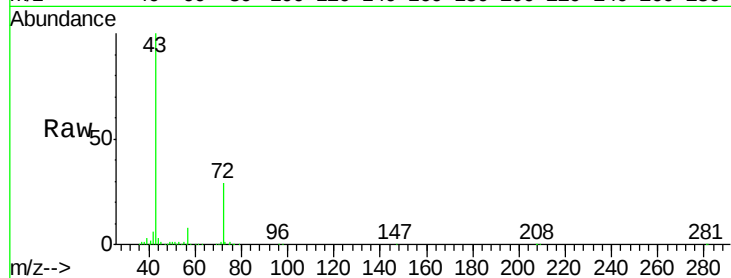
72 29.1 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.794 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016650.D

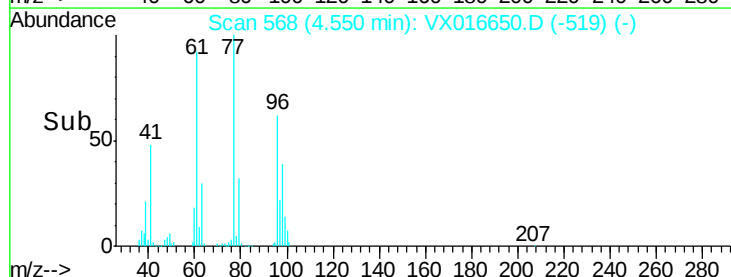
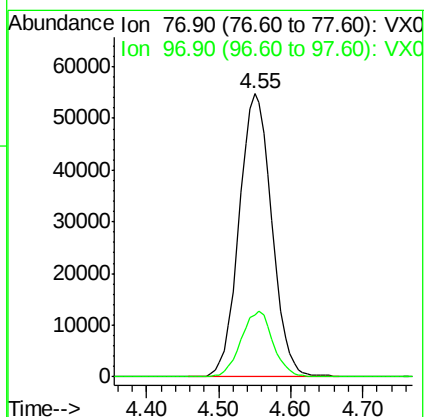
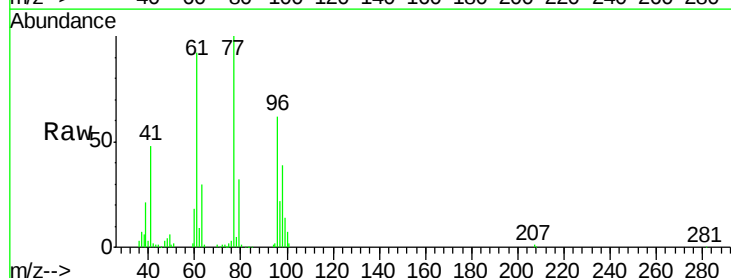
Acq: 08 Jun 2020 20:13

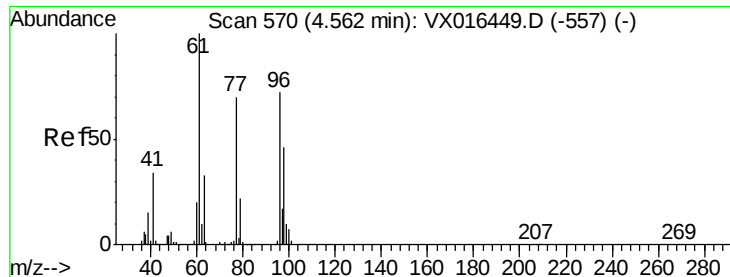
Tgt Ion: 77 Resp: 172610

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

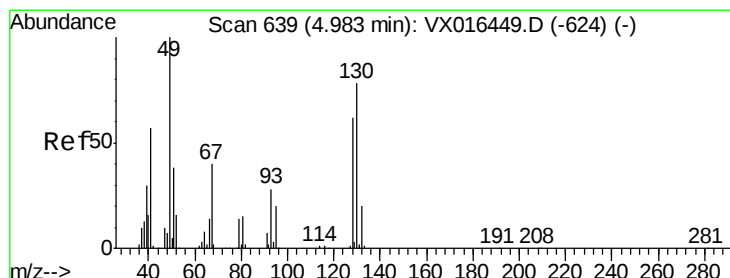
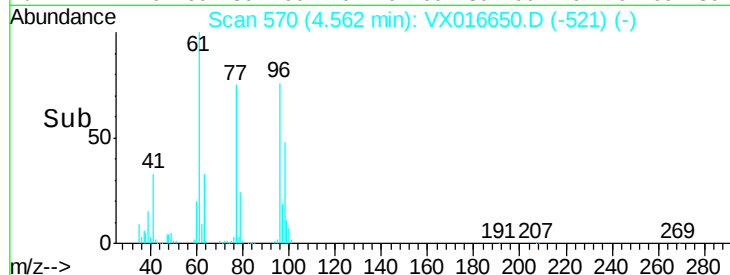
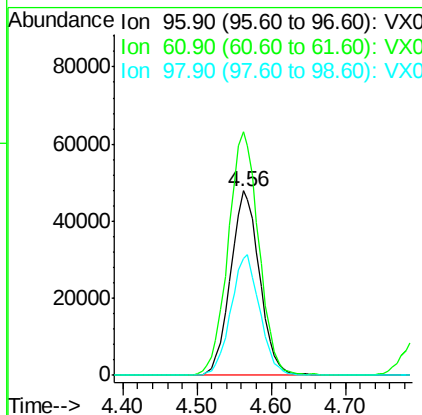
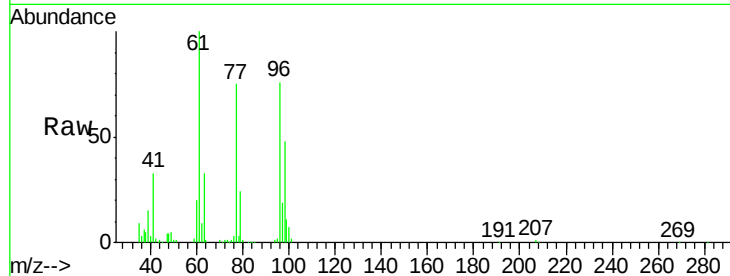
cis-1,2-Dichloroethene
Concen: 46.227 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130931		
61	139.1	0.0	284.6	
98	64.8	0.0	127.2	

Manual Integrations
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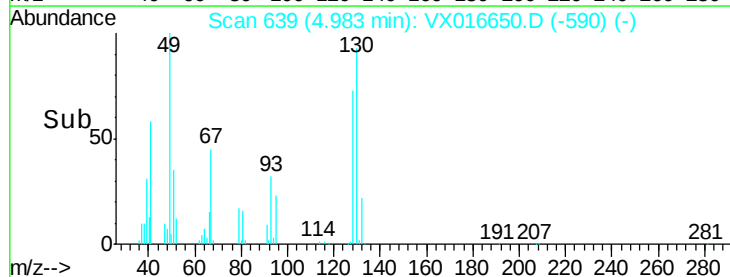
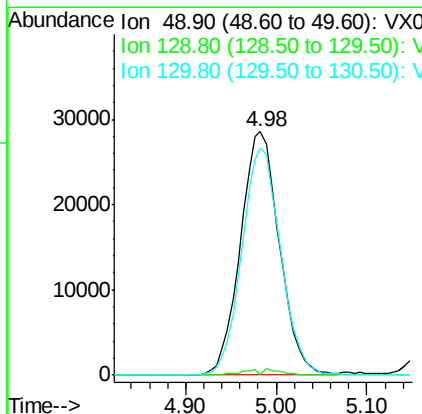
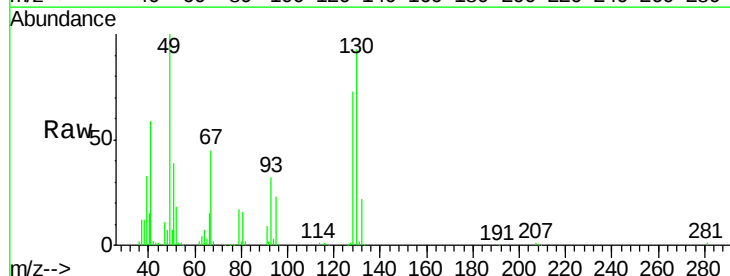
MMDadoda
6/9/2020 11:41:29 AM



#28

Bromochloromethane
Concen: 41.446 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85006		
129	1.1	0.0	4.0	
130	93.0	63.0	94.4	





#29

Tetrahydrofuran

Concen: 211.977 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

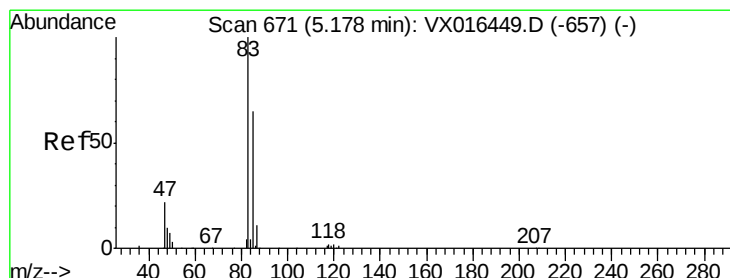
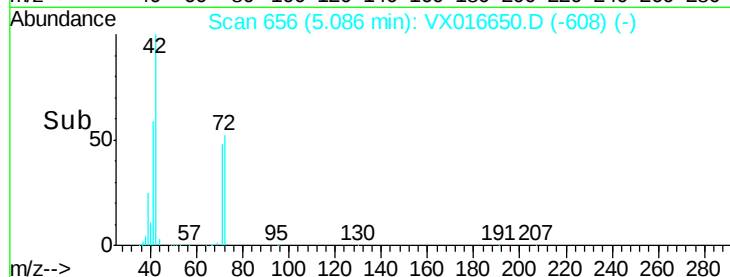
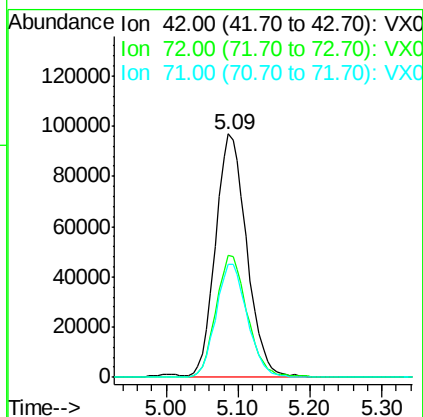
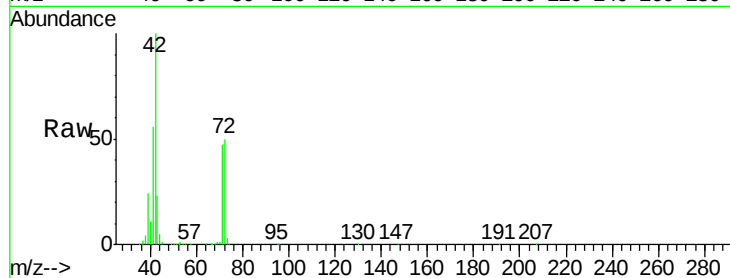
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	290436
Ion	Ratio	Lower	Upper
42	100		
72	50.8	37.0	55.4
71	47.0	34.1	51.1

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#30

Chloroform

Concen: 48.649 ug/l

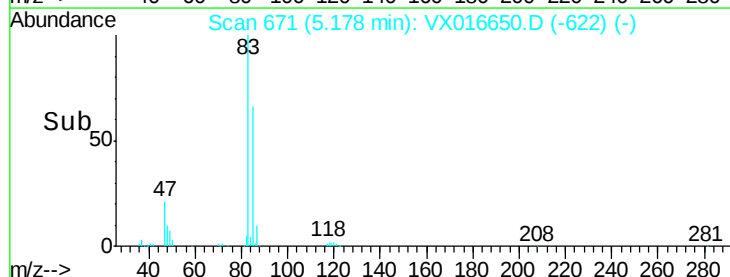
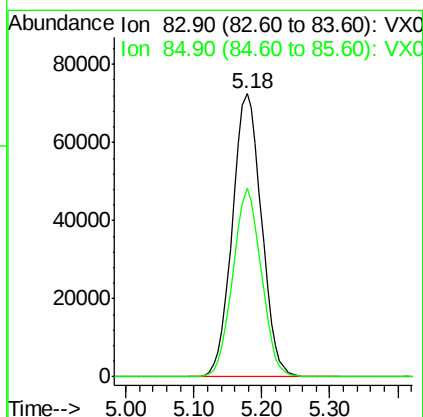
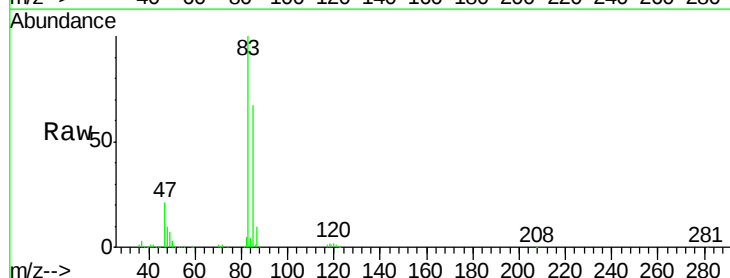
RT: 5.18 min Scan# 671

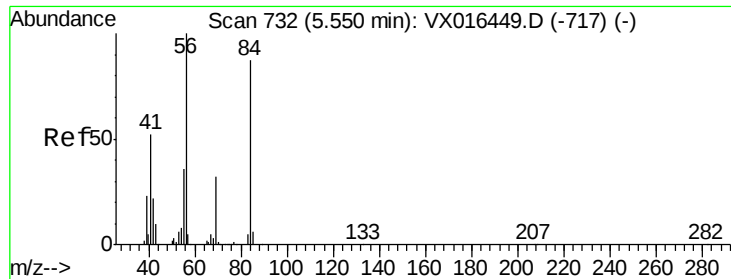
Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion:	83	Resp:	216350
Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.0	78.0





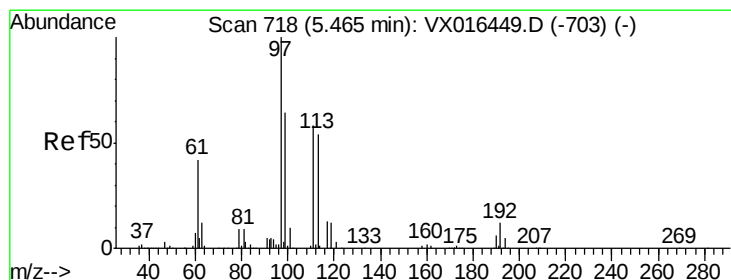
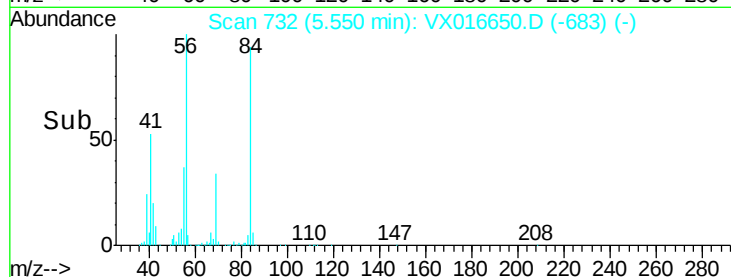
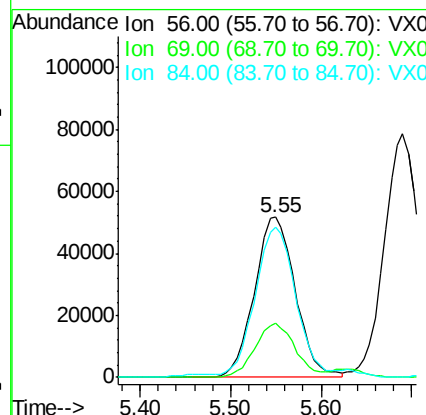
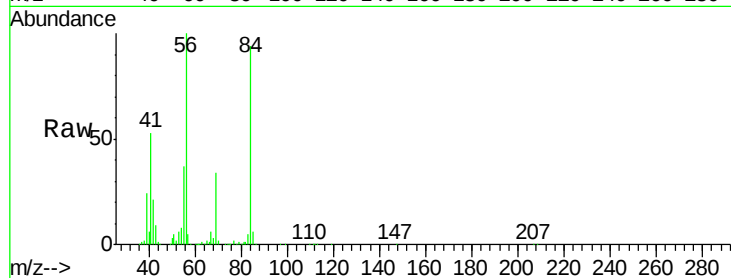
#31
Cyclohexane
Concen: 40.669 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.7	25.7	38.5	
84	92.4	70.0	105.0	

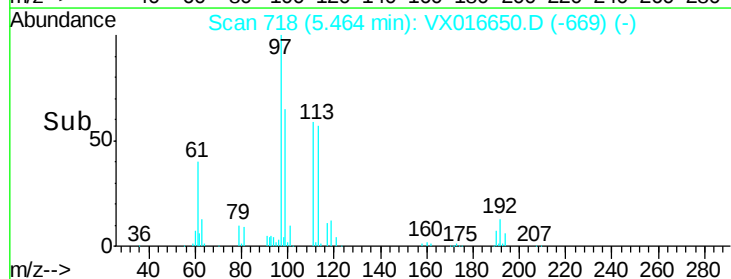
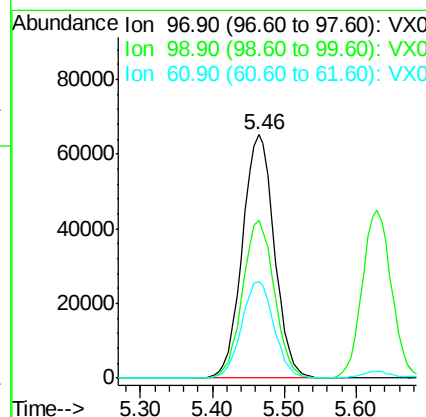
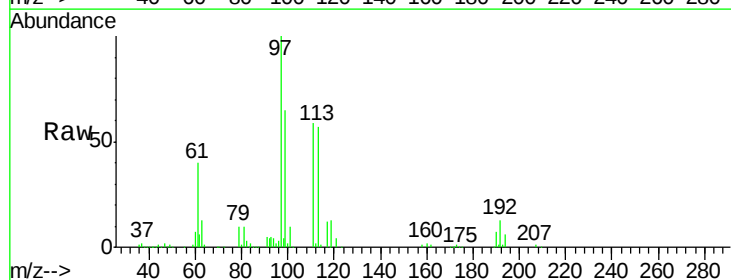
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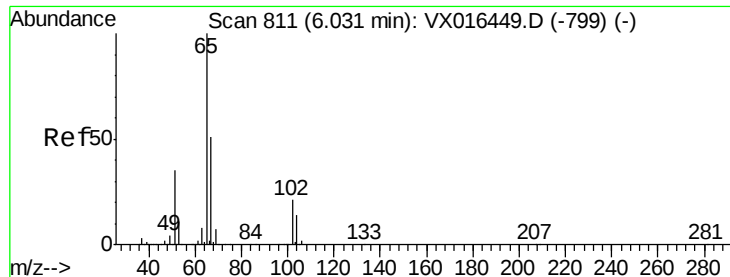
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.843 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.5	51.4	77.2	
61	40.3	33.5	50.3	





#33

1,2-Dichloroethane-d4

Concen: 46.697 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 133400

Ion Ratio Lower Upper

65 100

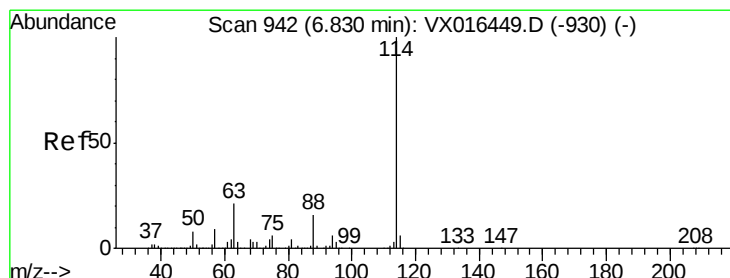
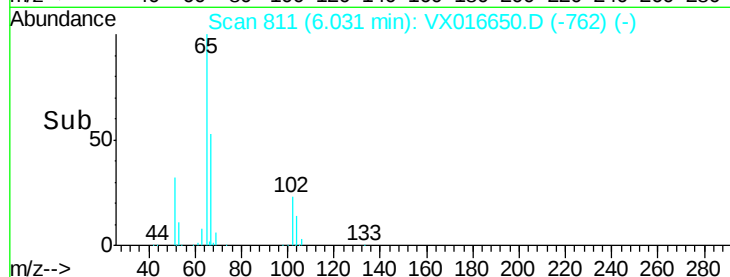
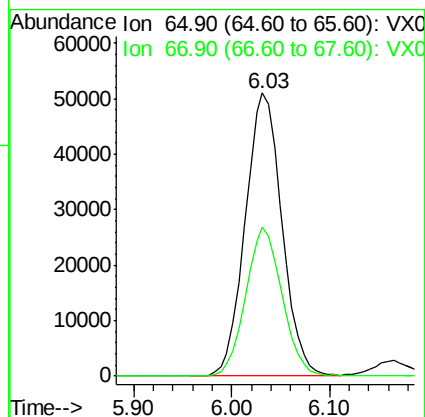
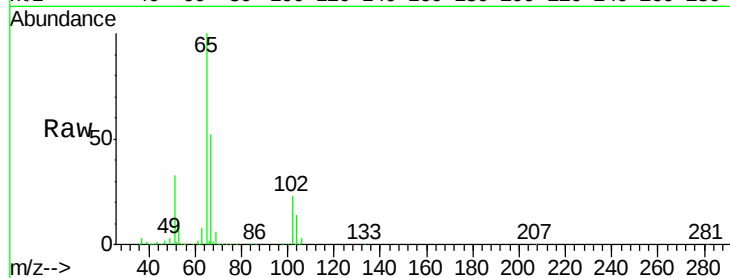
67 52.0 0.0 104.8

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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: VX016650.D

Acq: 08 Jun 2020 20:13

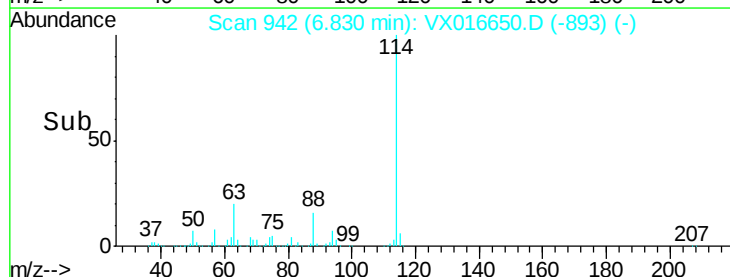
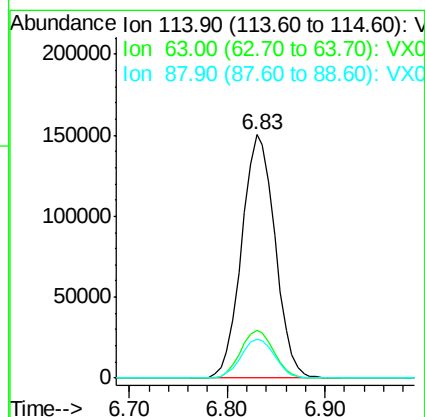
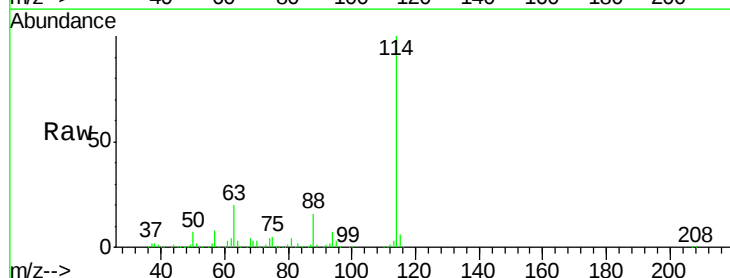
Tgt Ion: 114 Resp: 356806

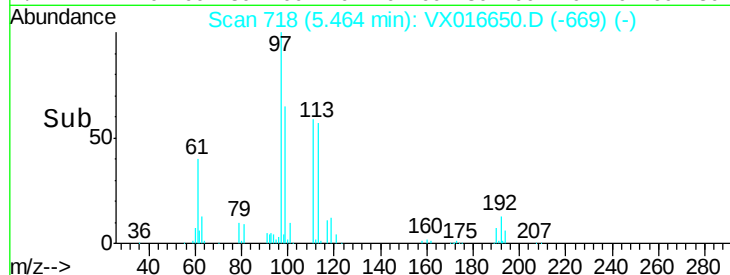
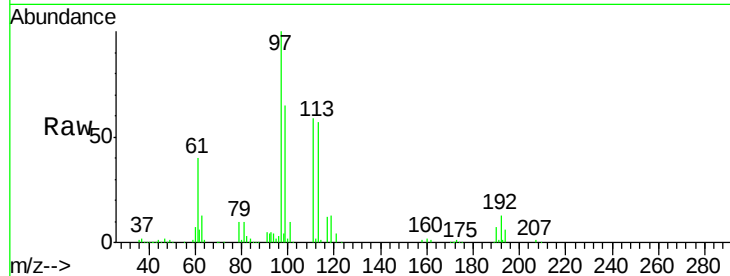
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.2 0.0 32.8





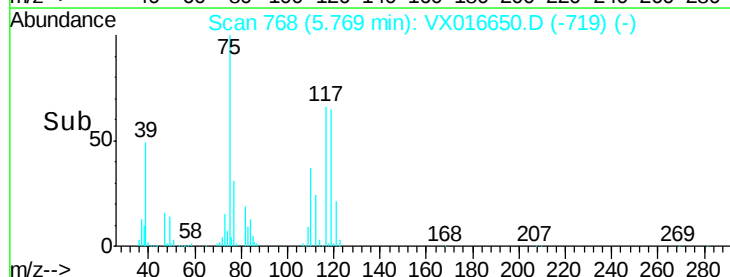
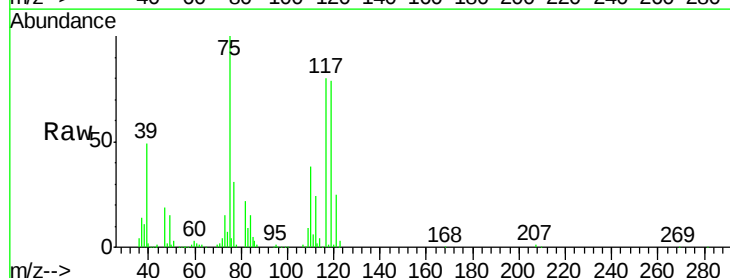
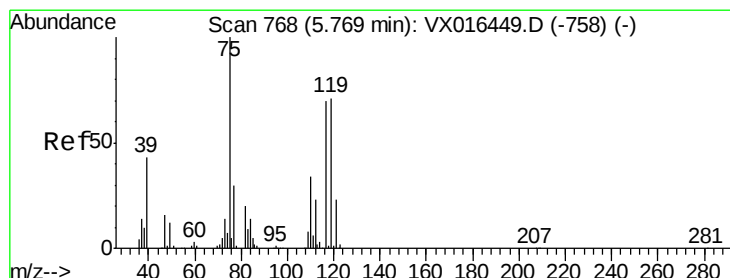
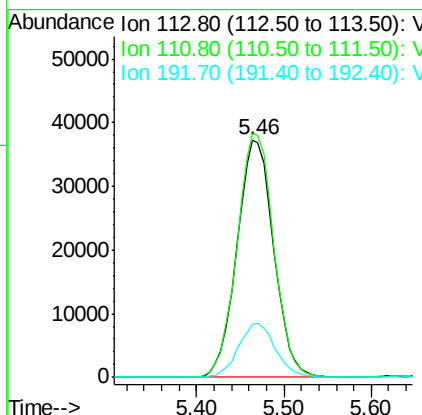
#35
Dibromofluoromethane
Concen: 49.491 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108733		
111	102.7	83.0	124.6	
192	22.8	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

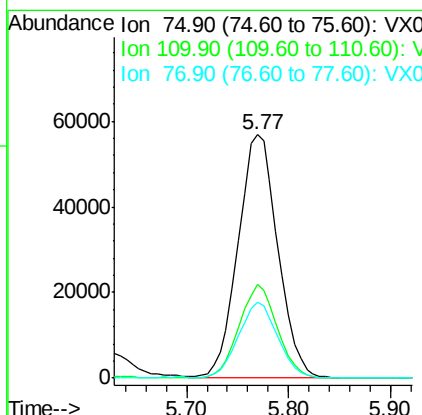
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#36
1,1-Dichloropropene
Concen: 45.374 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153285		
110	37.1	17.4	52.3	
77	31.0	24.2	36.4	





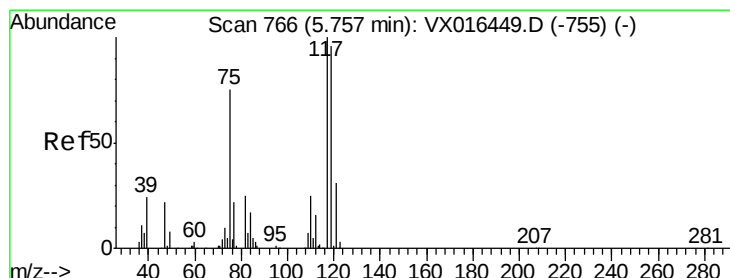
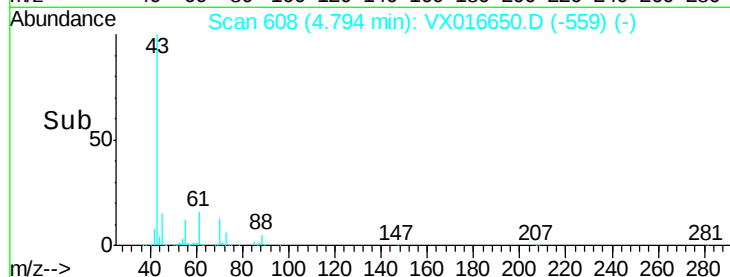
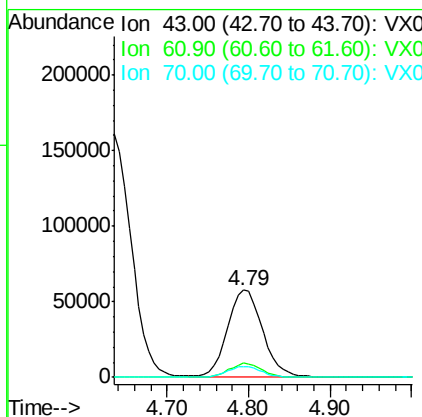
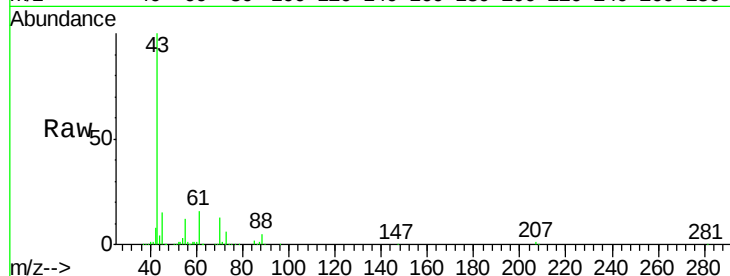
#37
Ethyl Acetate
Concen: 41.984 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	170285
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.3	16.9
70	12.7	9.3	13.9

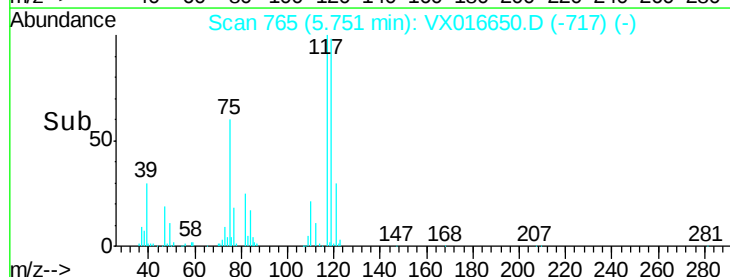
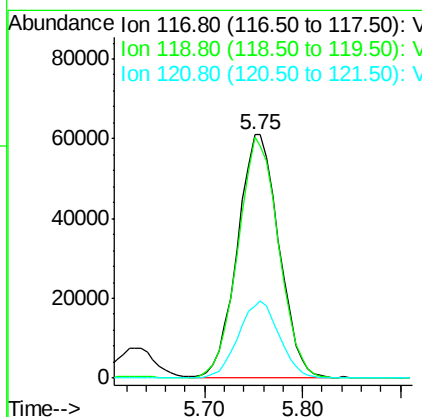
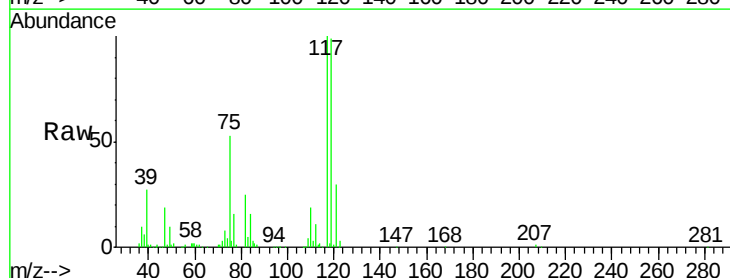
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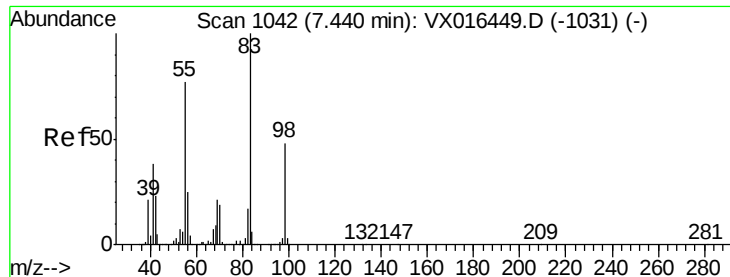
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#38
Carbon Tetrachloride
Concen: 50.569 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	117	Resp	179531
Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.3	114.5
121	29.9	24.6	37.0





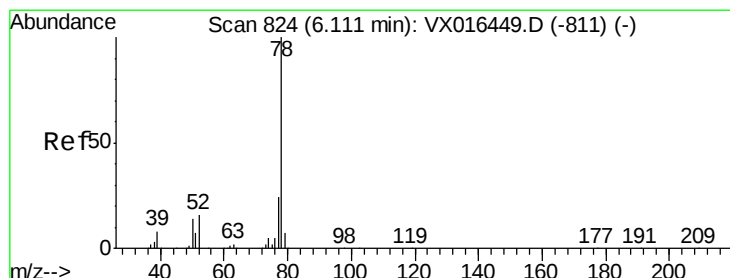
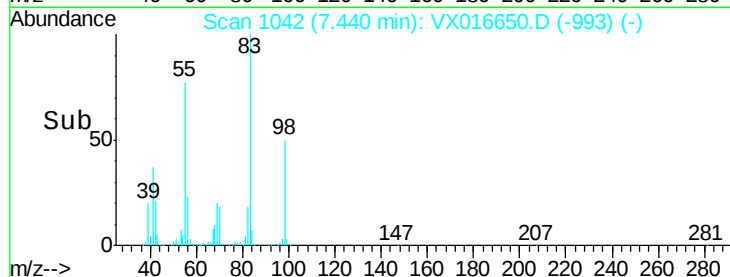
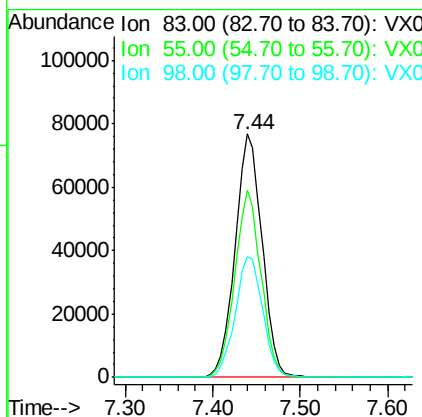
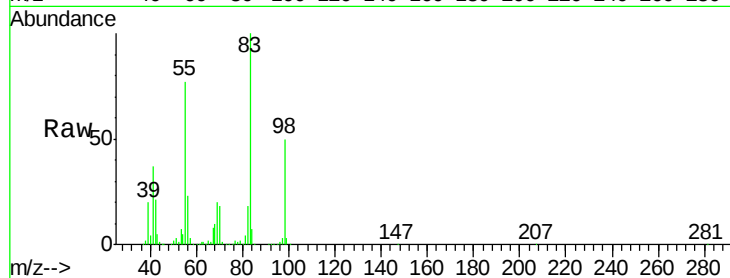
#39
Methvlcvclohexane
Concen: 44.869 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.7	92.5
98	49.6	38.7	58.1

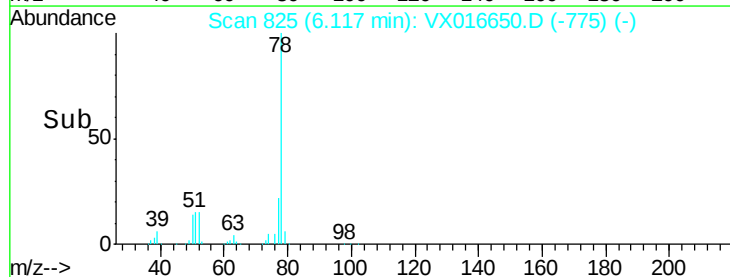
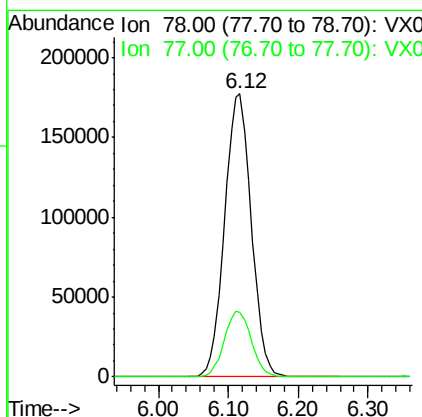
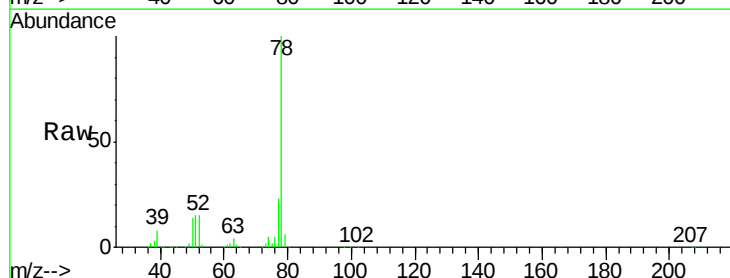
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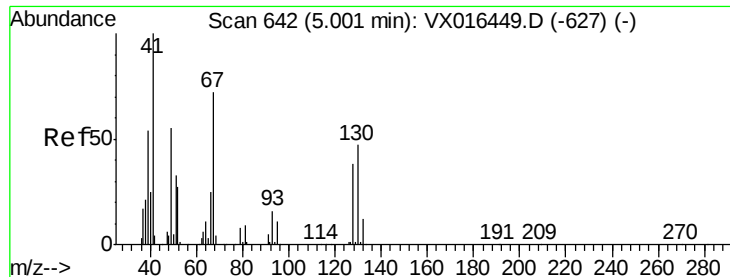
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#40
Benzene
Concen: 46.625 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3





#41

Methacrylonitrile

Concen: 41.932 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

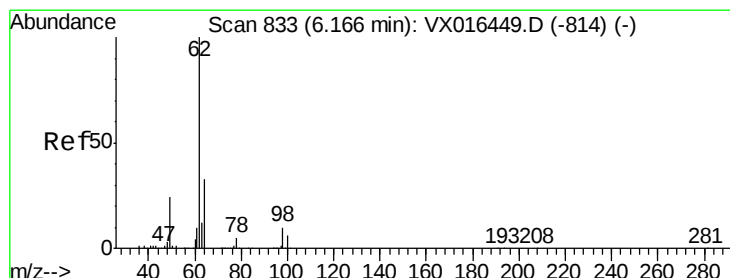
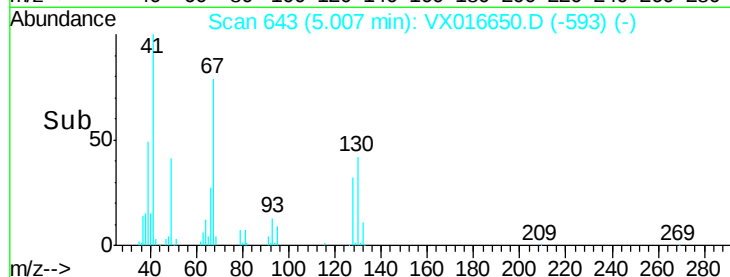
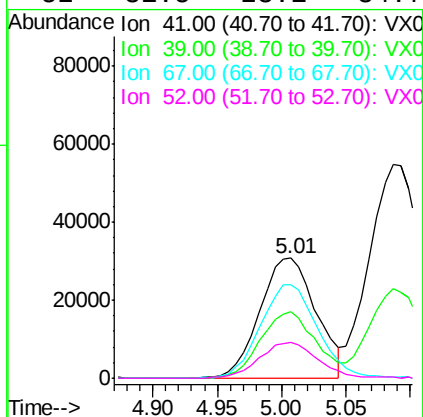
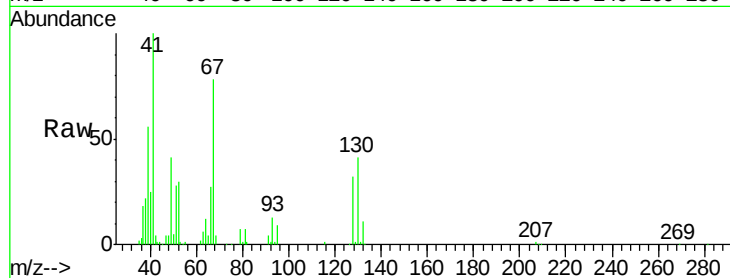
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	43.0	64.4	
67	79.2	58.9	88.3	
52	31.5	23.1	34.7	

Manual Integrations
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6/9/2020 11:41:29 AM



#42

1,2-Dichloroethane

Concen: 48.200 ug/l

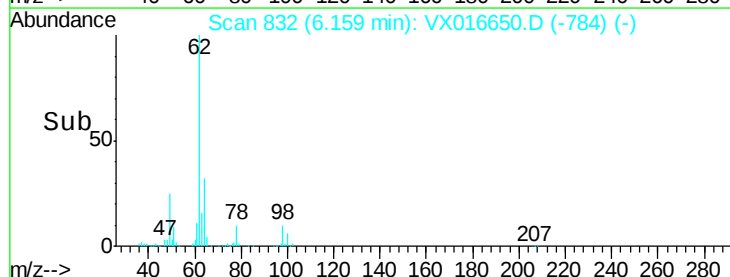
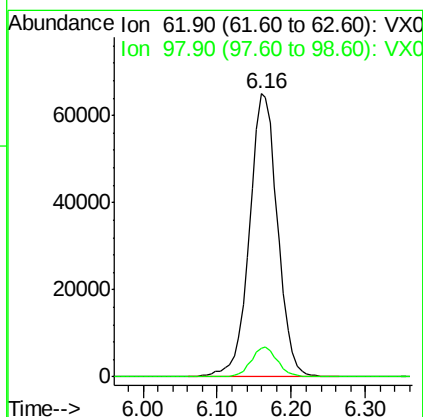
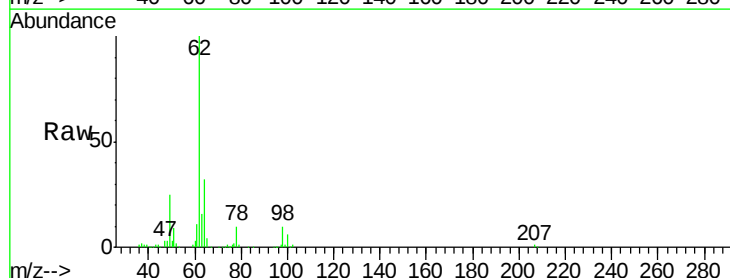
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.8	





#43

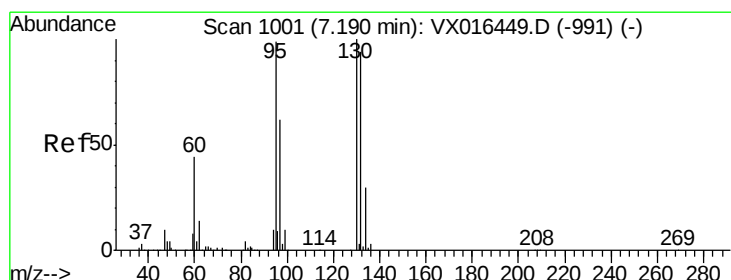
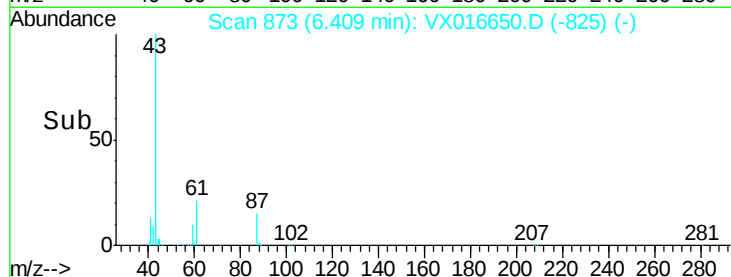
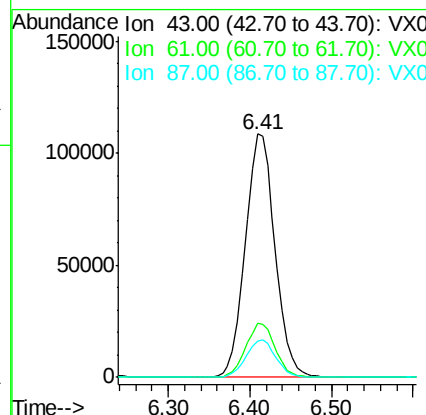
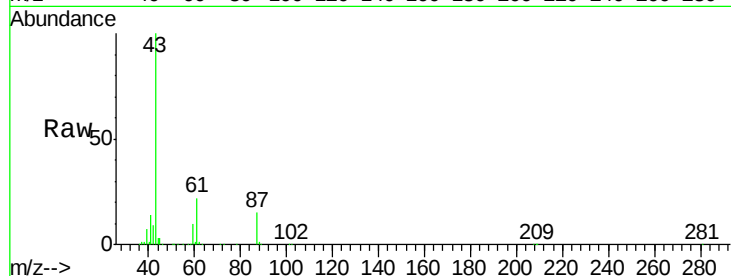
Isopropyl Acetate
 Concen: 43.190 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.4	11.2	16.8

Manual Integrations
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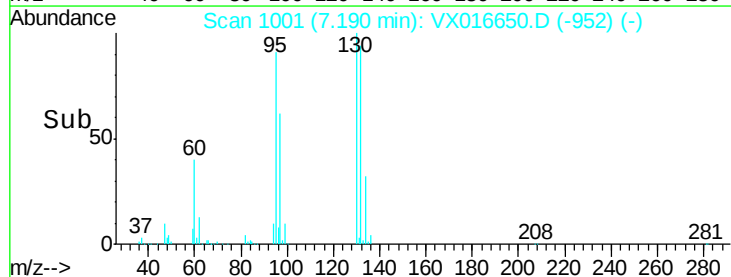
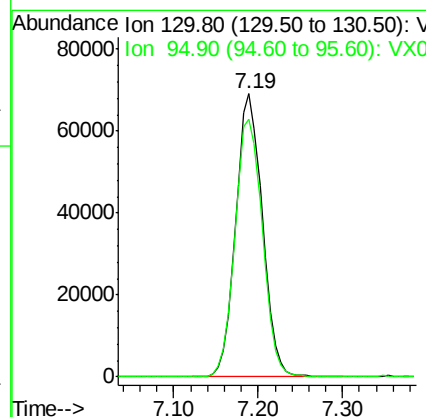
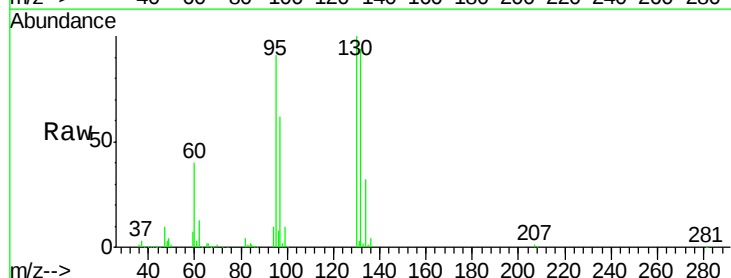
MMDadoda
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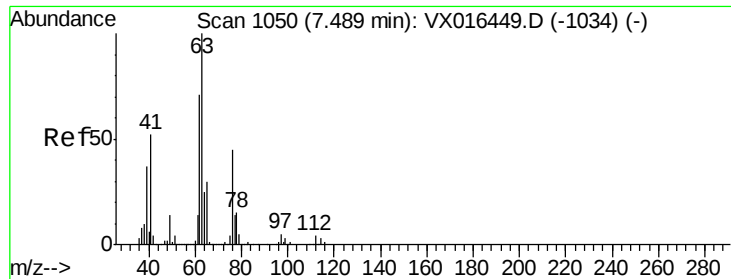


#44

Trichloroethene
 Concen: 46.282 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	198.2





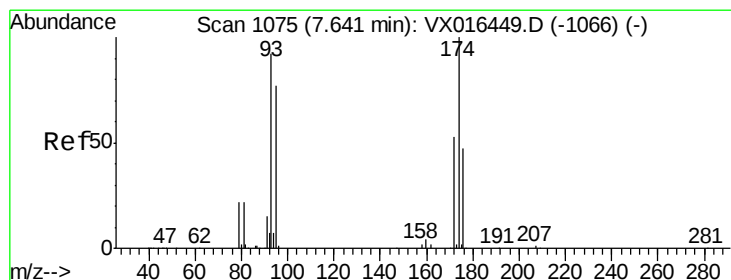
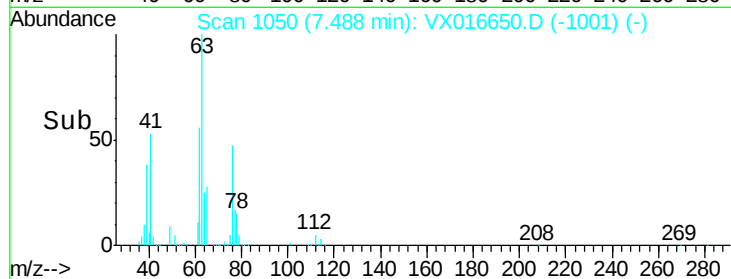
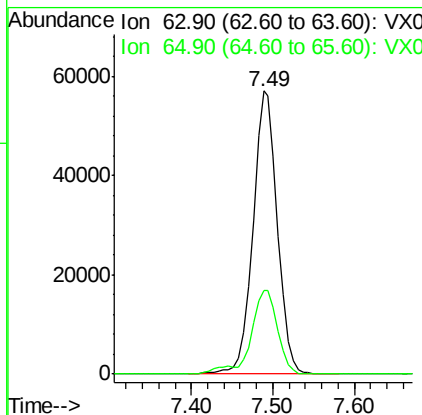
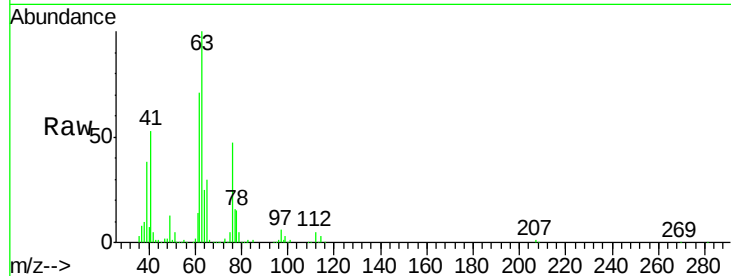
#45
 1,2-Dichloropropane
 Concen: 46.491 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.2	36.2

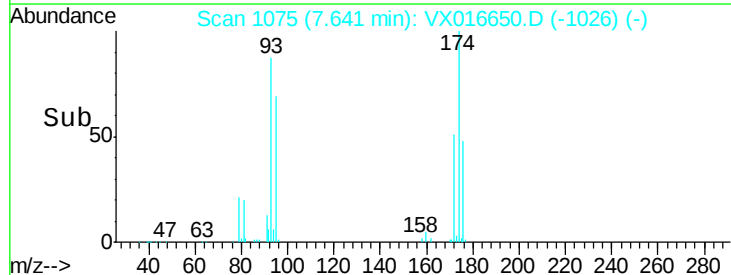
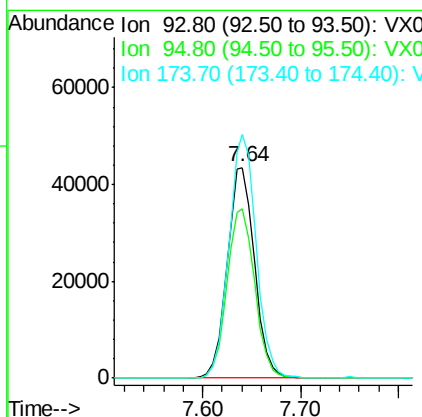
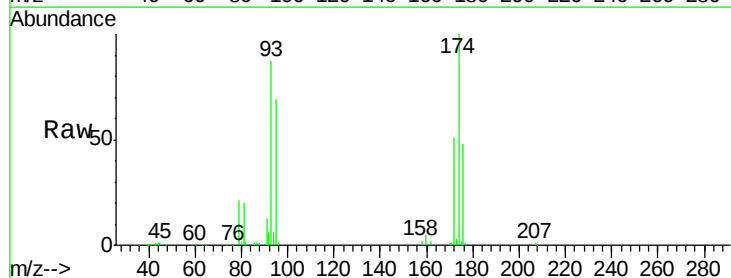
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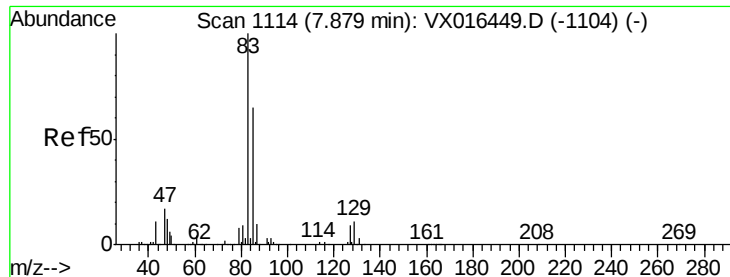
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 6/9/2020 11:41:29 AM



#46
 Dibromomethane
 Concen: 48.827 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	66.6	100.0
174	115.4	86.2	129.4





#47

Bromodichloromethane

Concen: 50.102 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

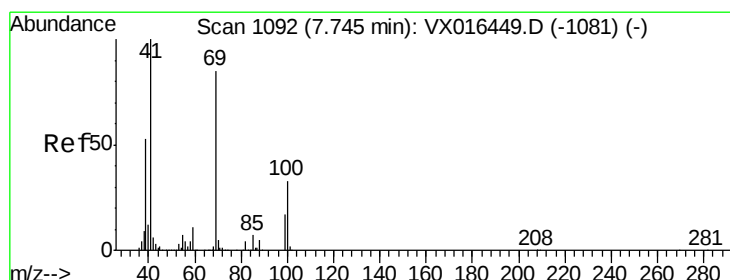
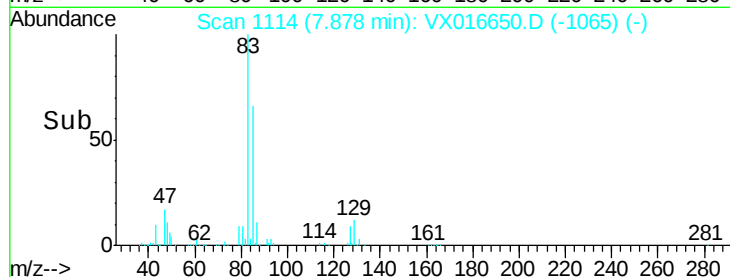
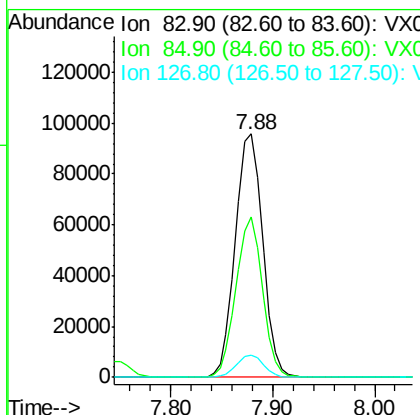
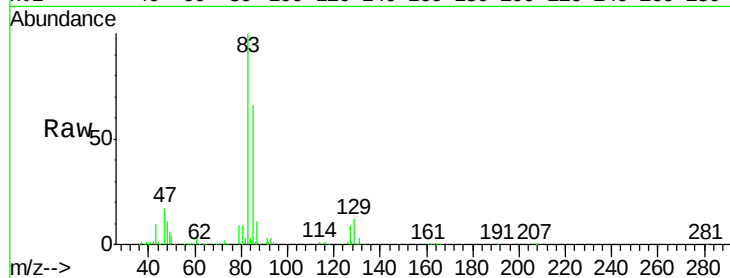
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	178457
Ion Ratio	Lower	Upper	
83	100		
85	66.0	52.0	78.0
127	9.1	7.4	11.0

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#48

Methyl methacrylate

Concen: 44.242 ug/l

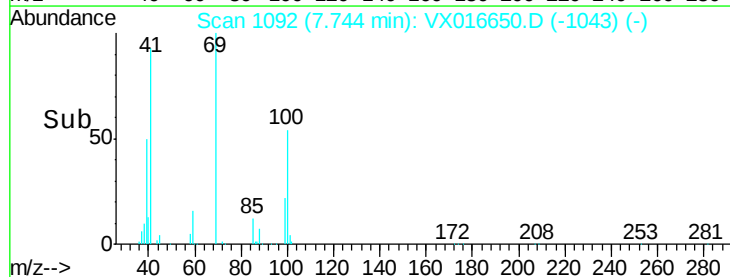
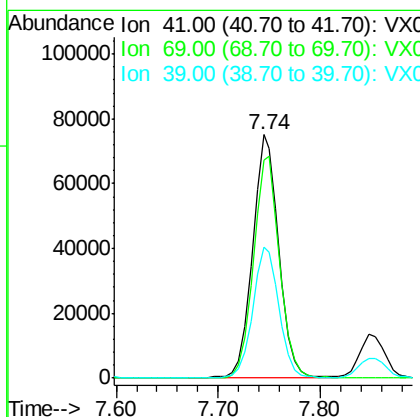
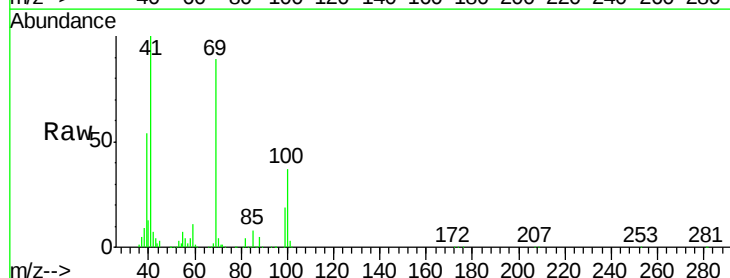
RT: 7.74 min Scan# 1092

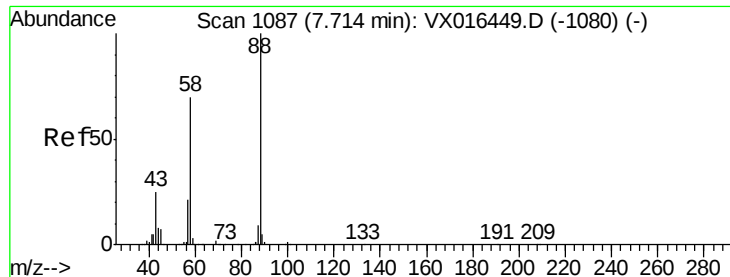
Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion:	41	Resp:	134014
Ion Ratio	Lower	Upper	
41	100		
69	91.0	68.6	102.8
39	54.4	42.4	63.6





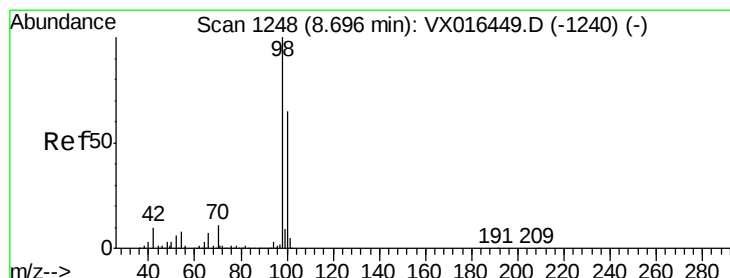
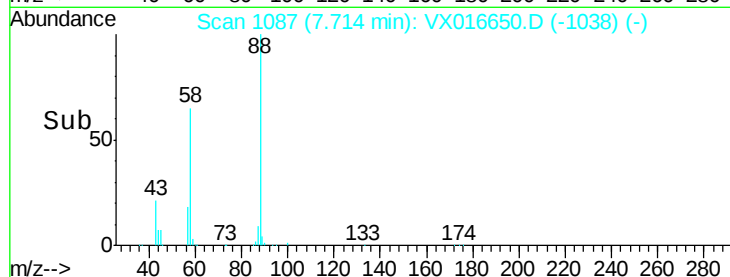
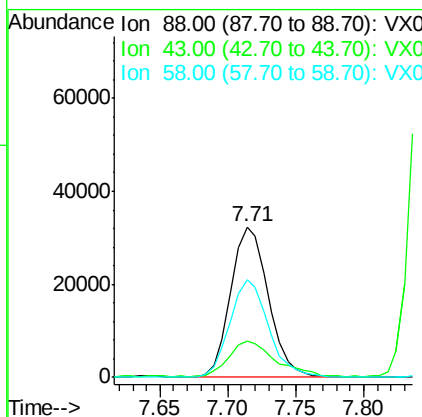
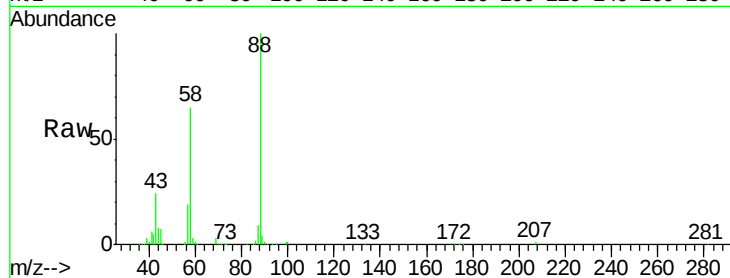
#49
1,4-Dioxane
Concen: 883.139 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.2	36.4
58	67.2	56.5	84.7

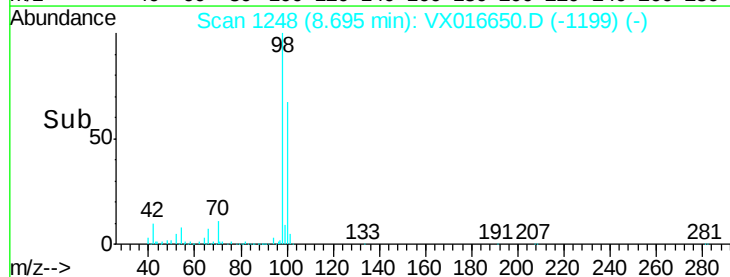
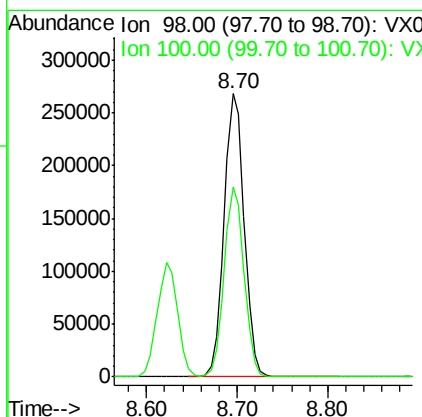
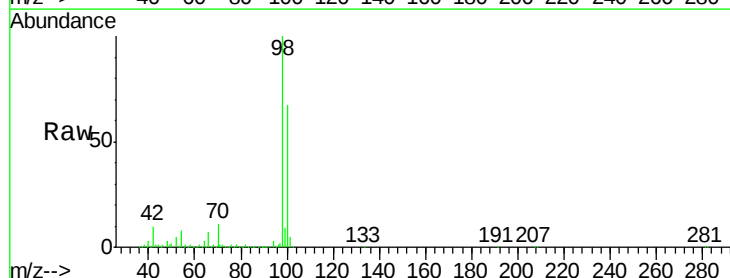
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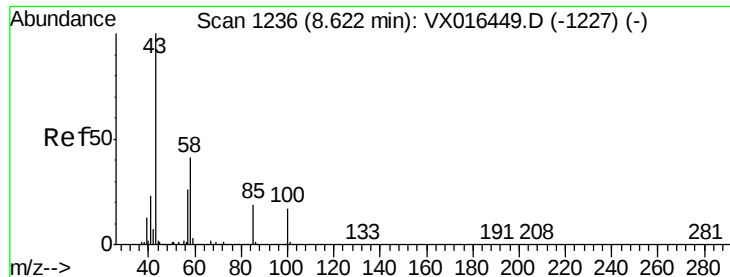
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#50
Toluene-d8
Concen: 48.467 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.8	80.6





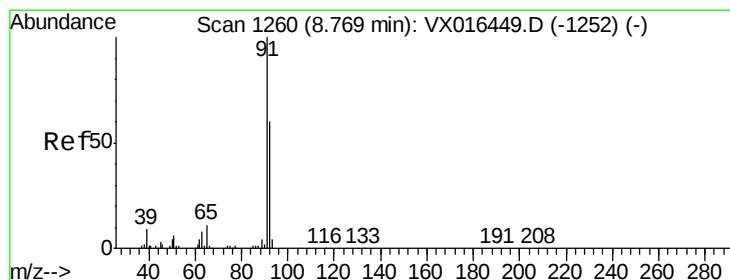
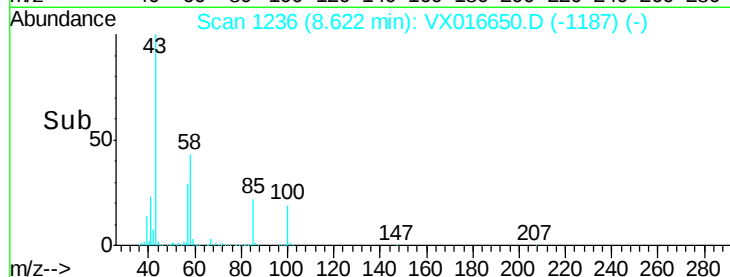
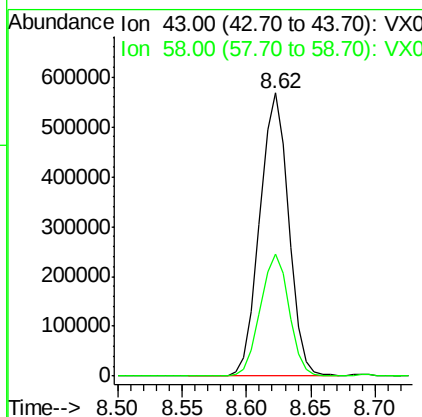
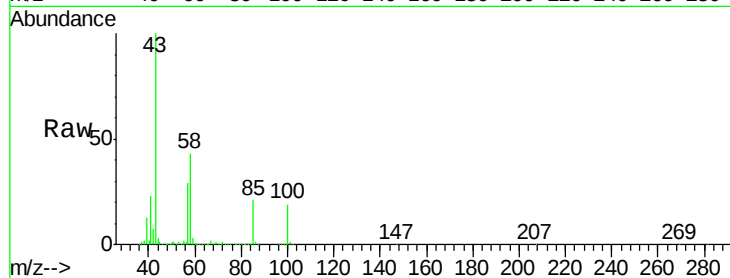
#51
4-Methyl-2-Pentanone
Concen: 223.263 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	879490
Ion Ratio	100	Lower	Upper
43	100		
58	43.0	33.0	49.6

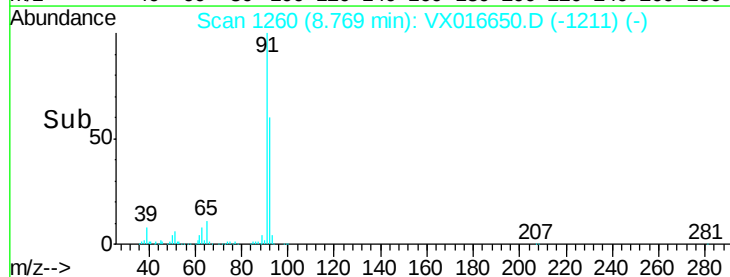
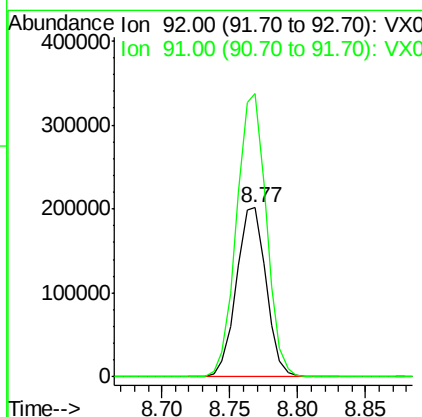
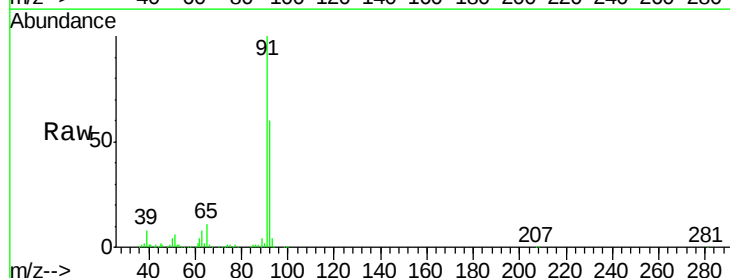
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#52
Toluene
Concen: 48.544 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	92	Resp	307961
Ion Ratio	100	Lower	Upper
92	100		
91	167.2	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 48.783 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 197581

Ion Ratio Lower Upper

75 100

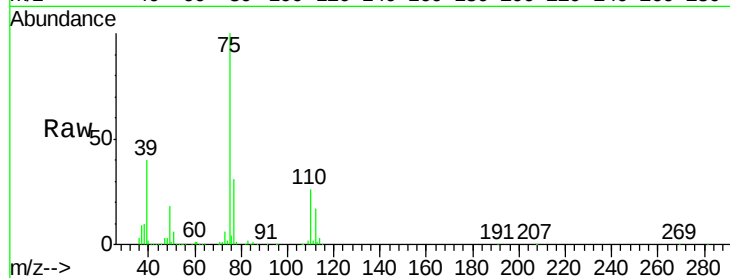
77 31.3 25.5 38.3

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

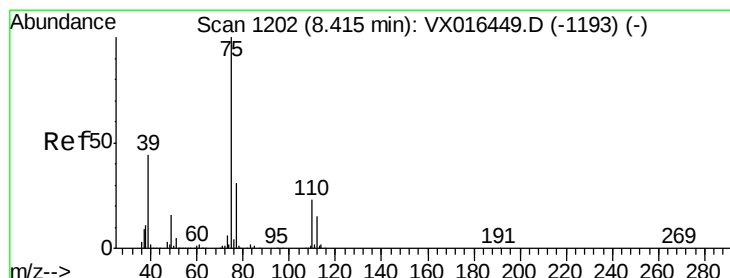
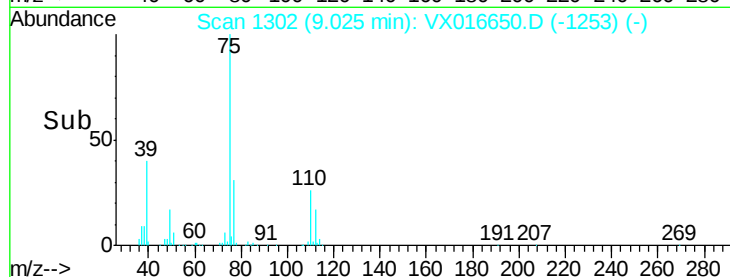
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 47.958 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

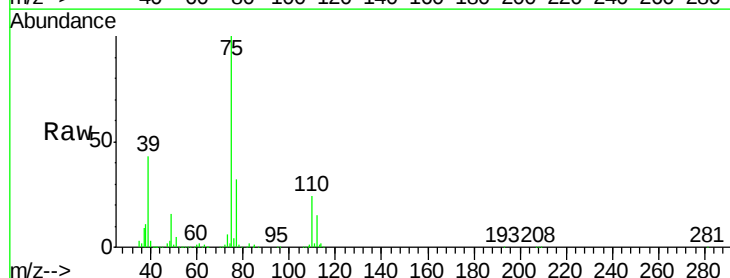
Tgt Ion: 75 Resp: 205600

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 43.3 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

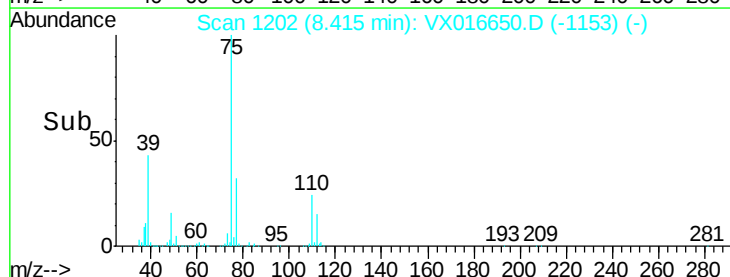
150000

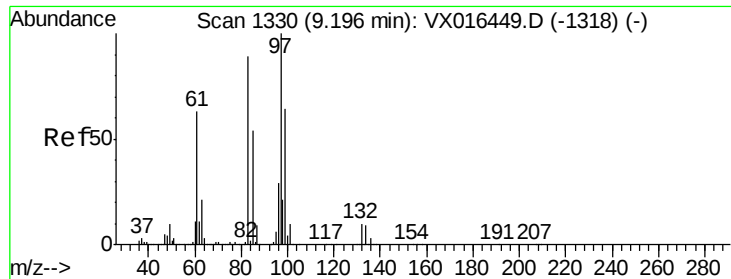
100000

50000

0

Time--> 8.35 8.40 8.45 8.50





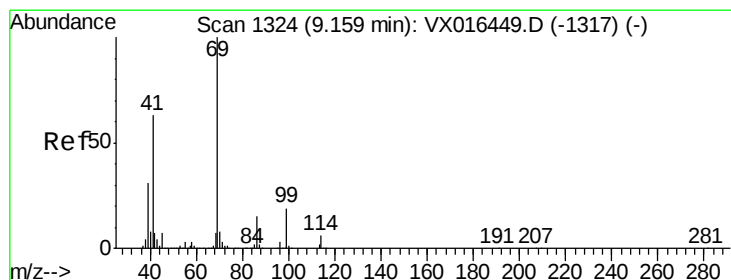
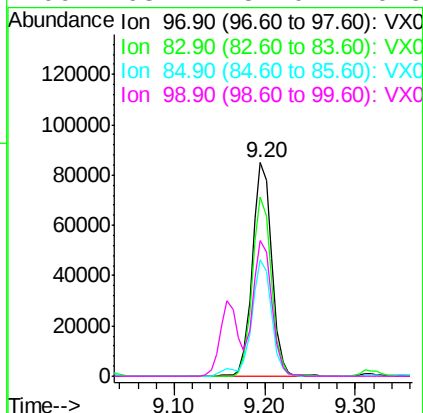
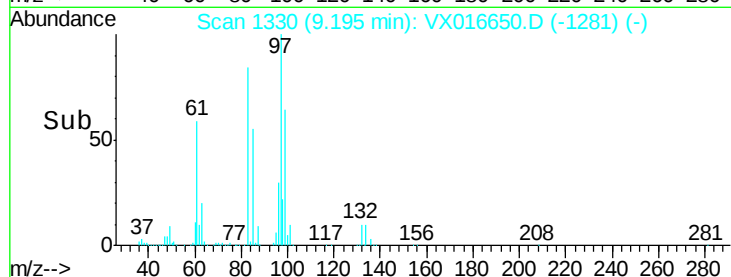
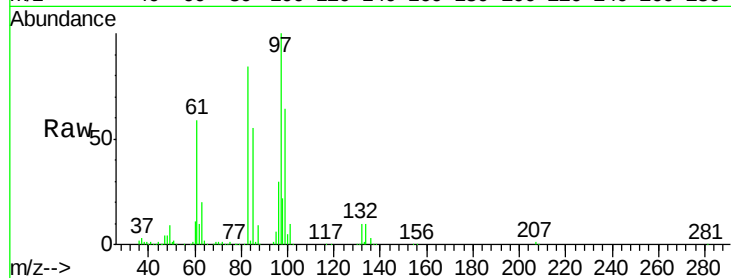
#55
 1,1,2-Trichloroethane
 Concen: 49.876 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	125805
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.9	106.3
85	54.7	43.4	65.2
99	63.7	51.0	76.6

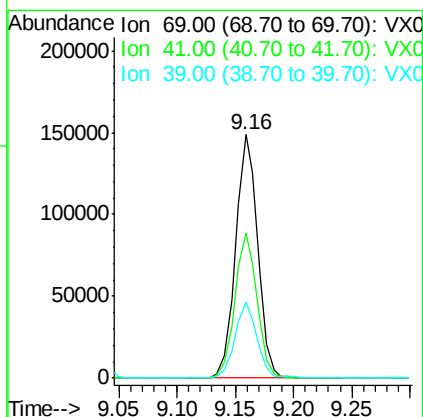
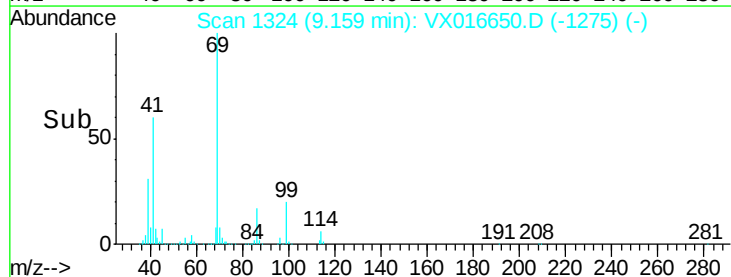
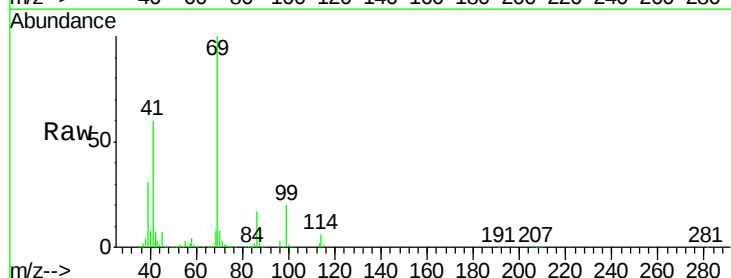
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#56
 Ethyl methacrylate
 Concen: 47.922 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion:	69	Resp:	196863
Ion	Ratio	Lower	Upper
69	100		
41	59.5	50.7	76.1
39	31.0	25.8	38.6





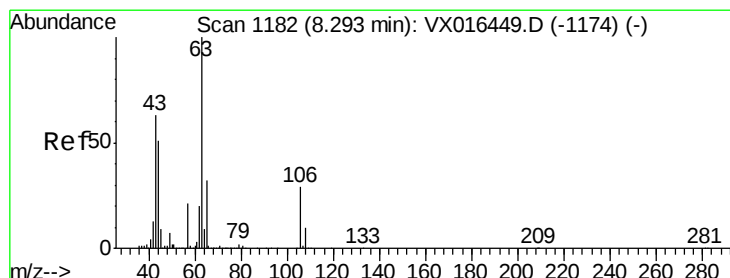
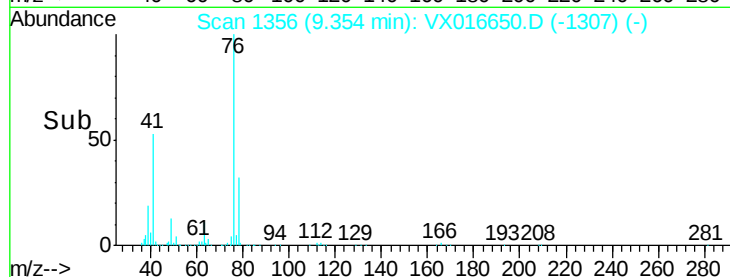
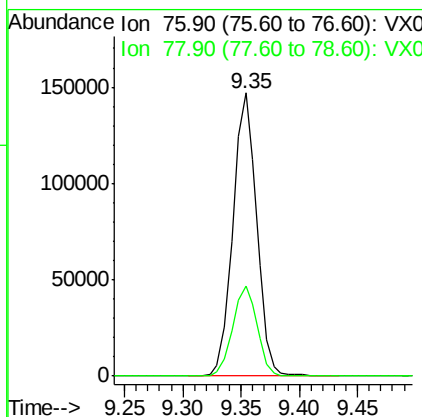
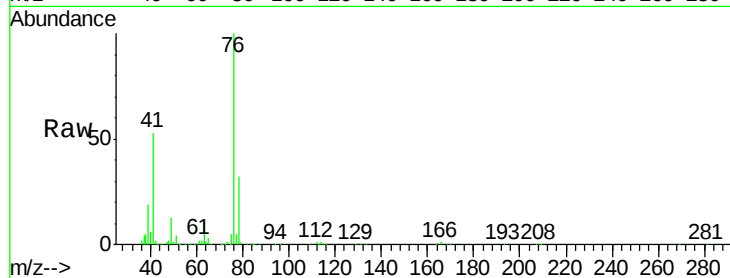
#57
 1,3-Dichloropropane
 Concen: 48.339 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.2	39.4

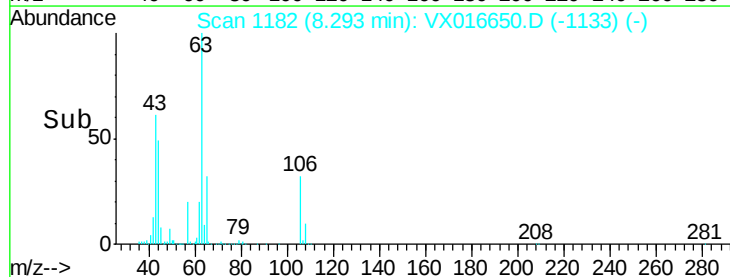
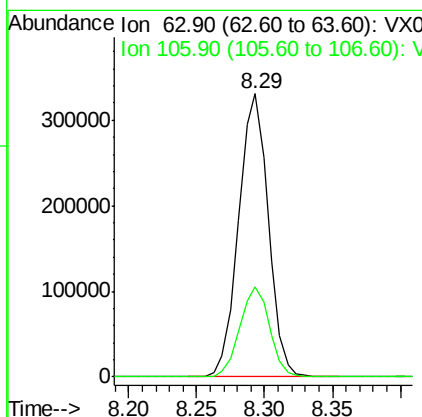
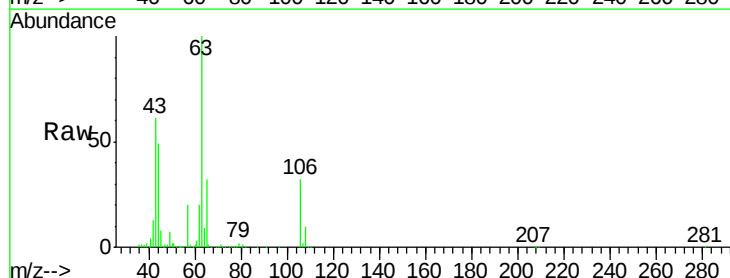
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#58
 2-Chloroethyl Vinyl ether
 Concen: 235.529 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	23.2	34.8





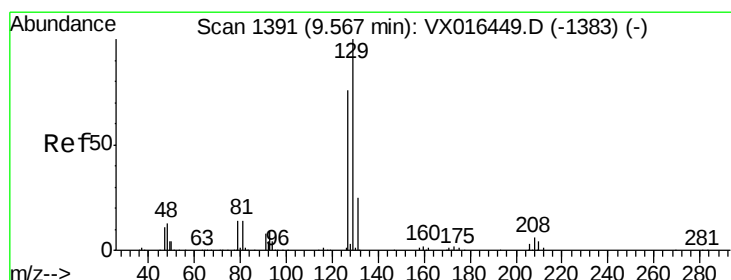
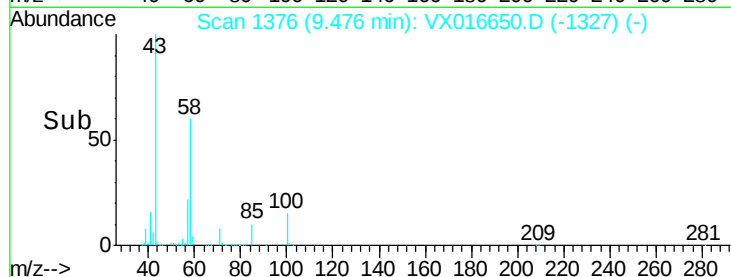
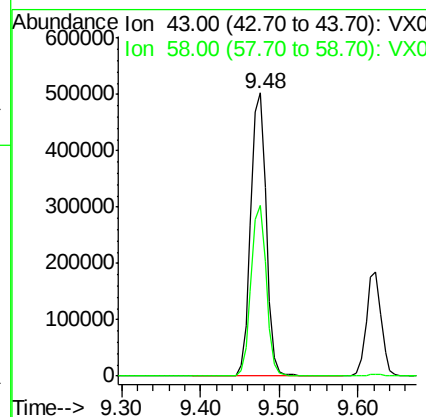
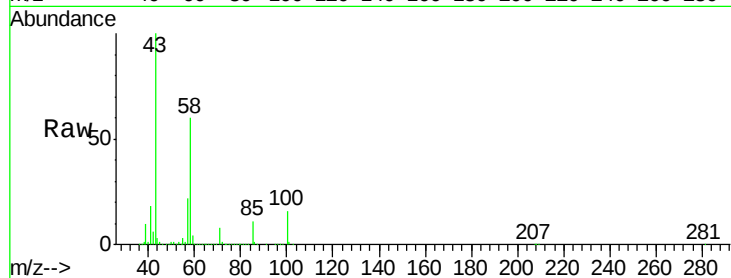
#59
2-Hexanone
Concen: 223.901 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 685896
Ion Ratio Lower Upper
43 100
58 59.7 28.8 86.4

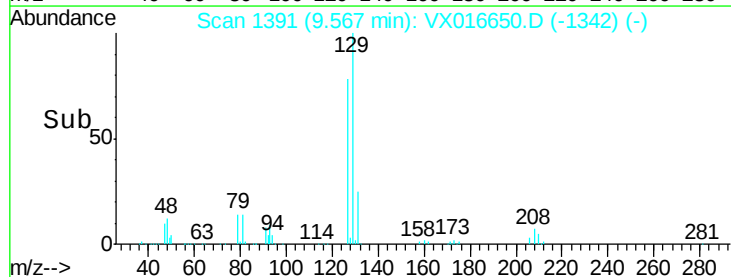
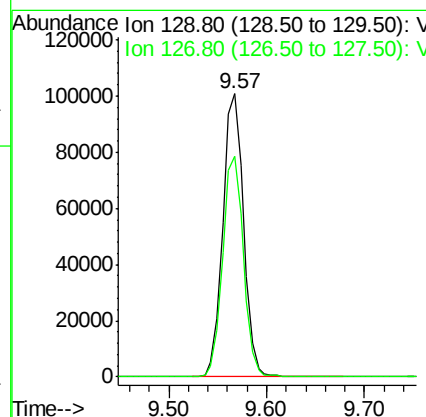
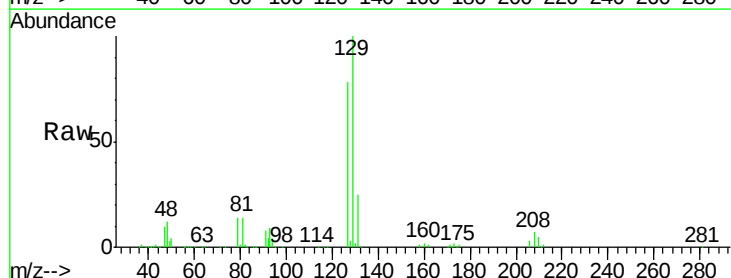
Manual Integrations
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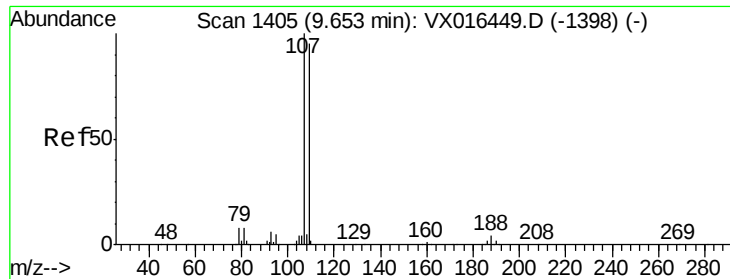
MMDadoda
6/9/2020 11:41:29 AM



#60
Dibromochloromethane
Concen: 52.231 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion: 129 Resp: 148263
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





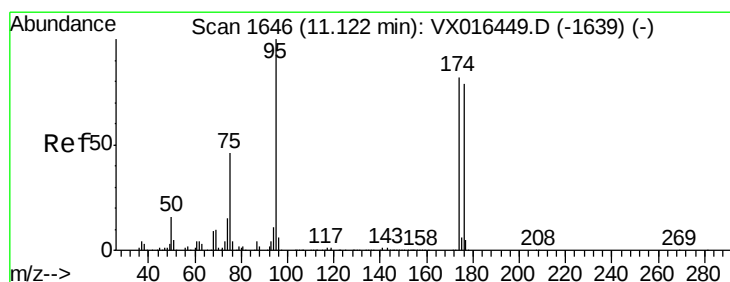
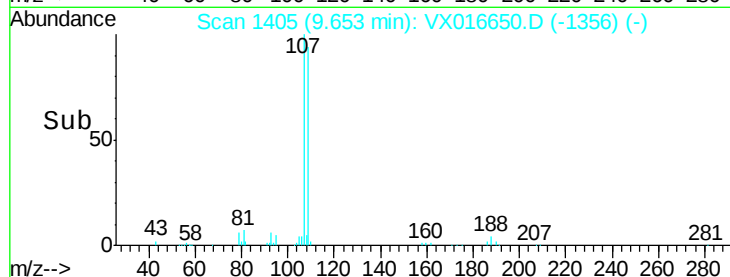
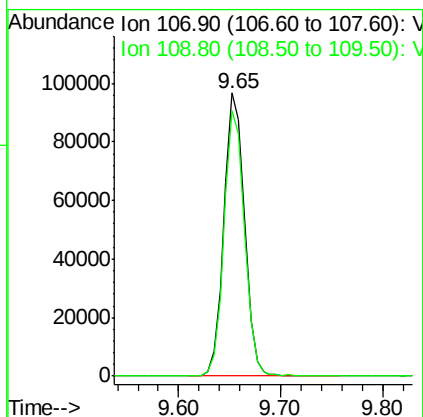
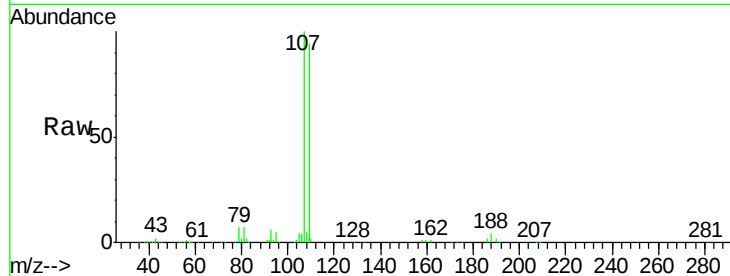
#61
 1,2-Dibromoethane
 Concen: 50.256 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.5	113.3

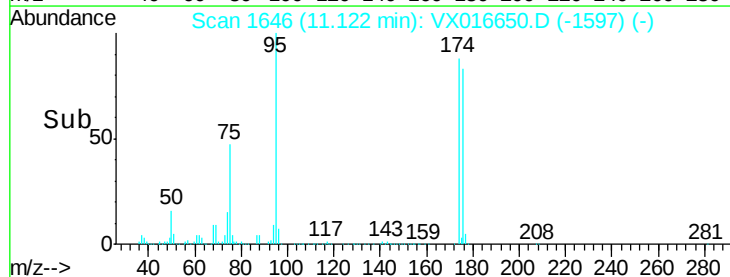
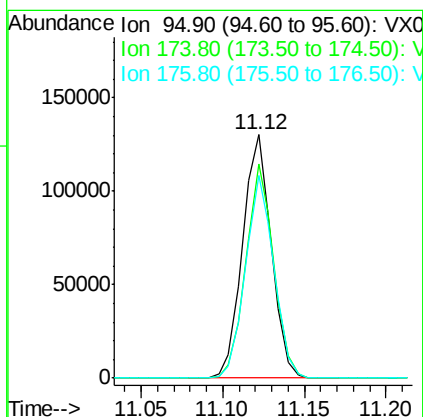
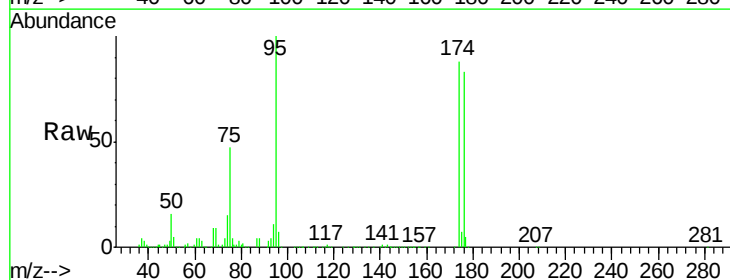
Manual Integrations
 APPROVED

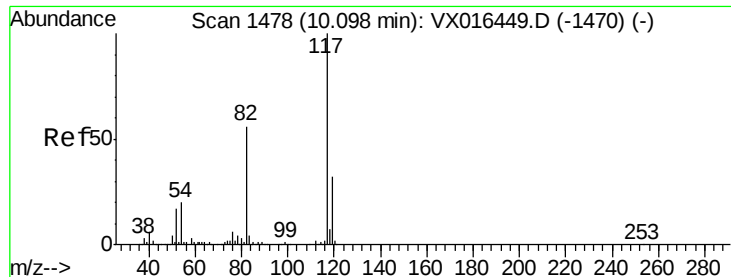
MMDadoda
 6/9/2020 11:41:29 AM



#62
 4-Bromofluorobenzene
 Concen: 48.353 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	163.0
176	82.3	0.0	156.8





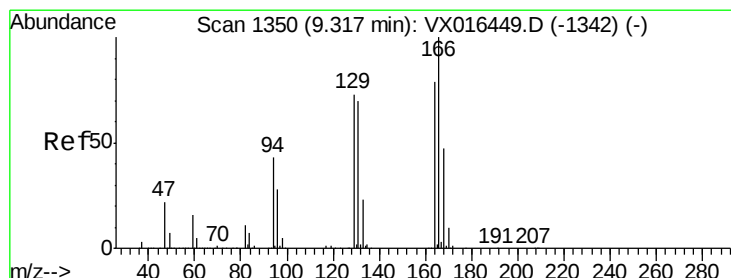
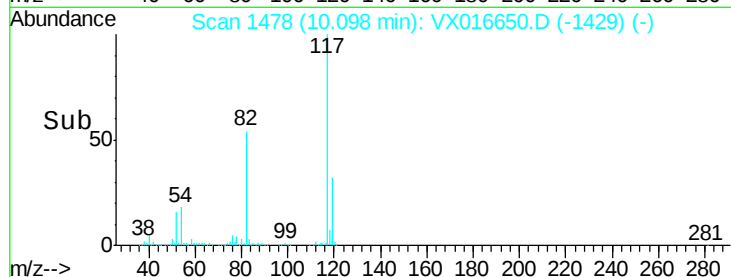
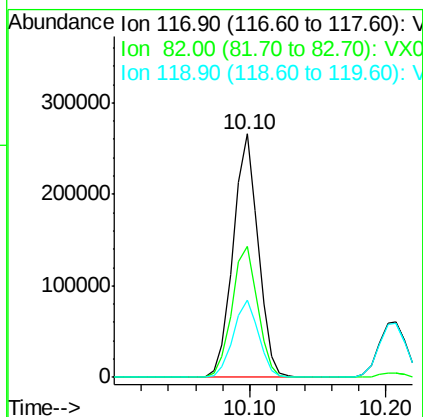
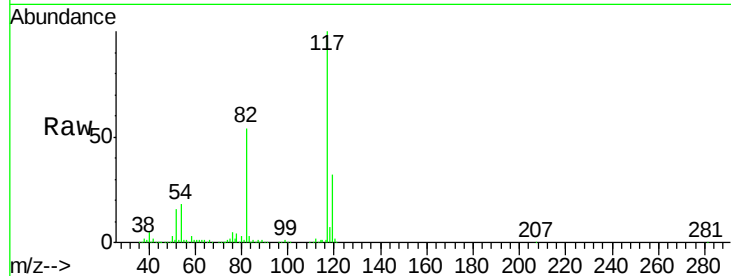
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.6
119	31.9	25.8	38.8

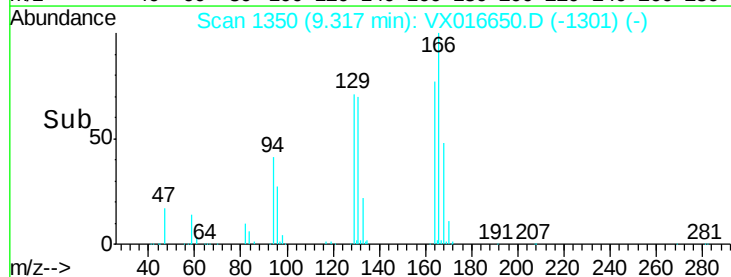
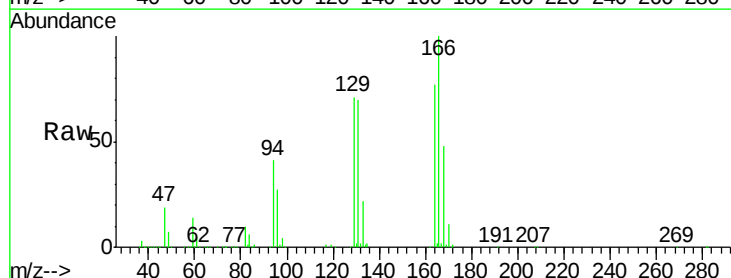
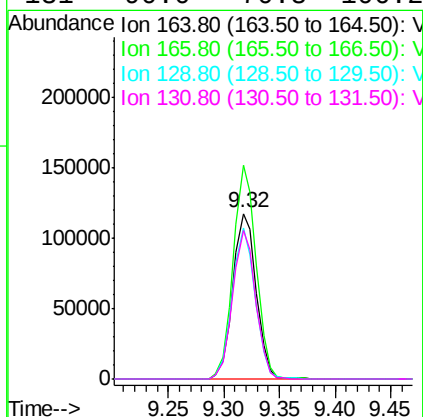
Manual Integrations
APPROVED

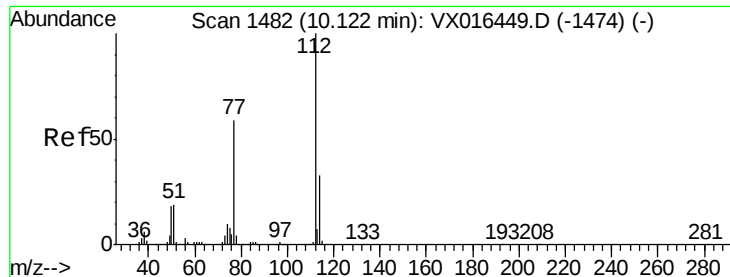
MMDadoda
6/9/2020 11:41:29 AM



#64
Tetrachloroethene
Concen: 44.647 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.9	151.3
129	91.7	73.2	109.8
131	90.0	70.8	106.2





#65

Chlorobenzene

Concen: 48.569 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 336931

Ion Ratio Lower Upper

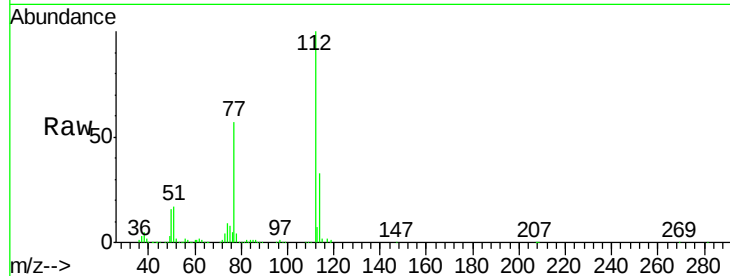
112 100

114 32.6 26.0 39.0

Manual Integrations
APPROVED

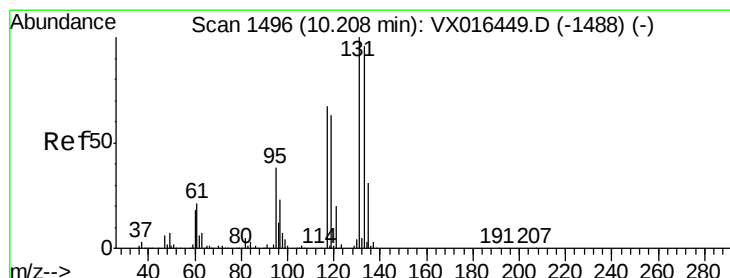
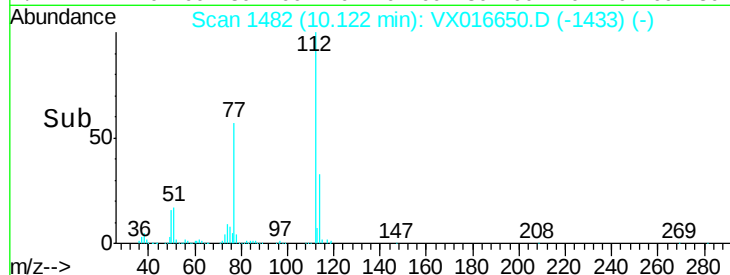
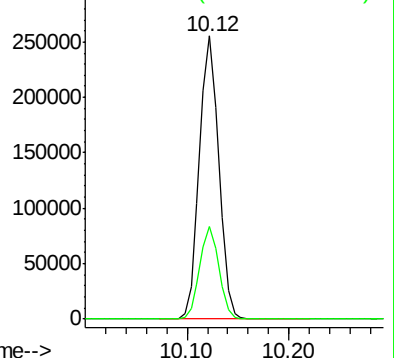
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.930 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

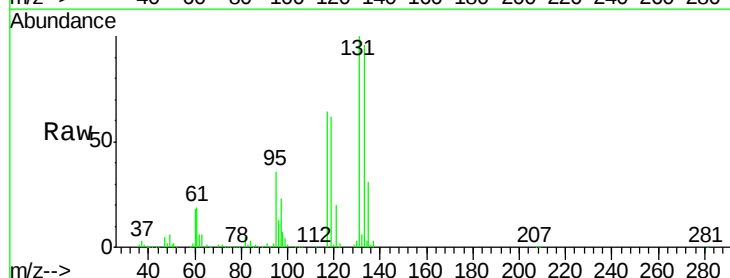
Tgt Ion:131 Resp: 134867

Ion Ratio Lower Upper

131 100

133 96.2 48.4 145.3

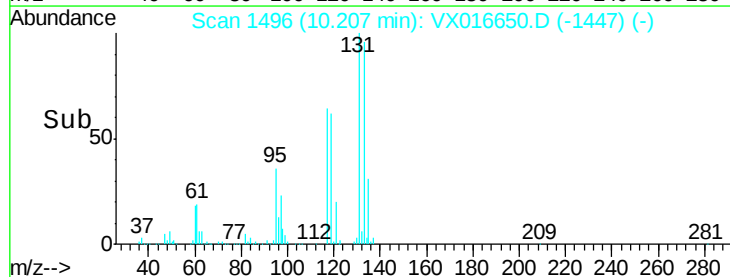
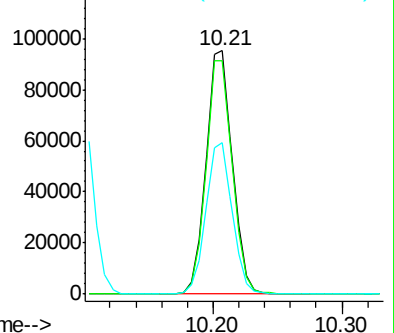
119 62.3 32.0 96.2

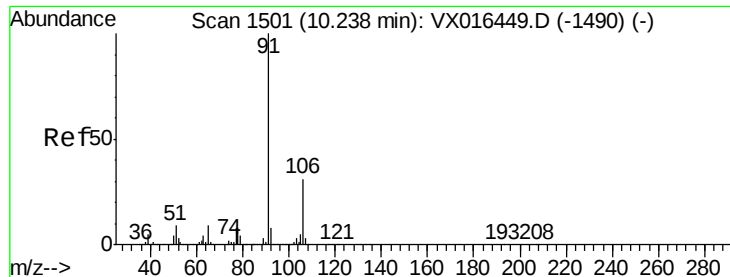


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





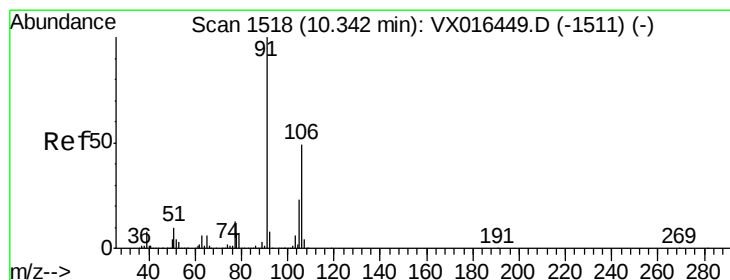
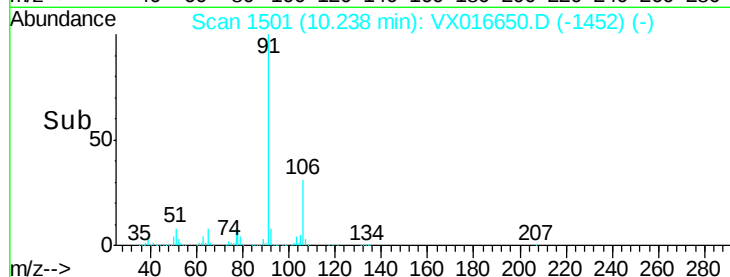
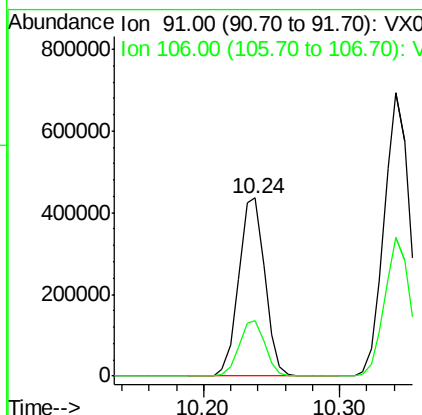
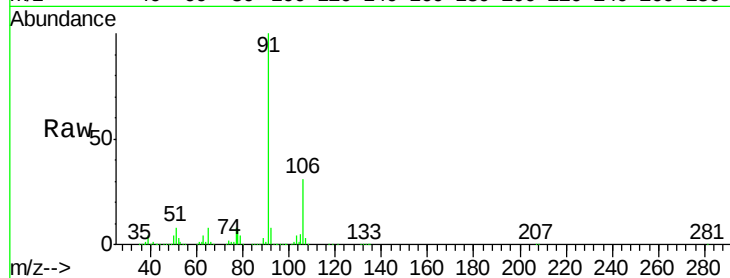
#67
Ethyl Benzene
Concen: 47.237 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 583422
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

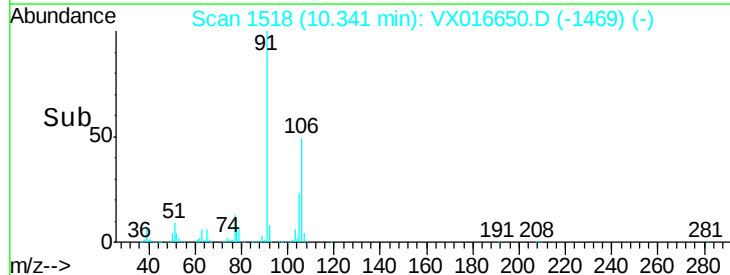
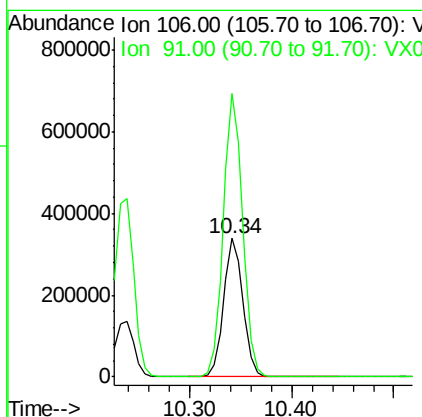
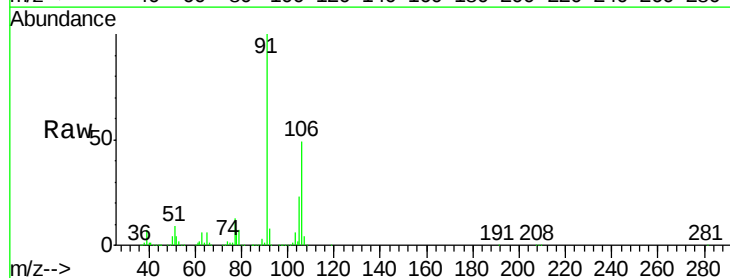
Manual Integrations
APPROVED

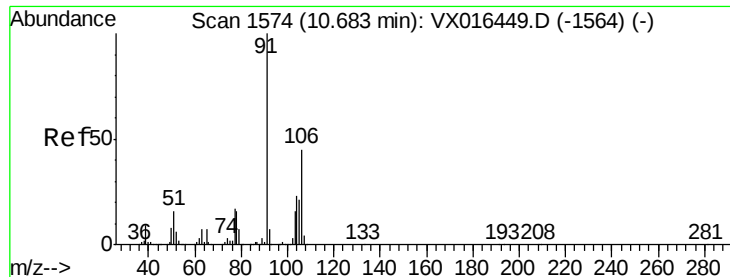
MMDadoda
6/9/2020 11:41:29 AM



#68
m/p-Xylenes
Concen: 97.124 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion: 106 Resp: 444774
Ion Ratio Lower Upper
106 100
91 205.3 163.8 245.8





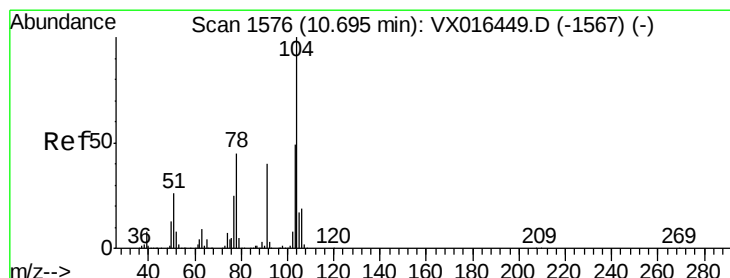
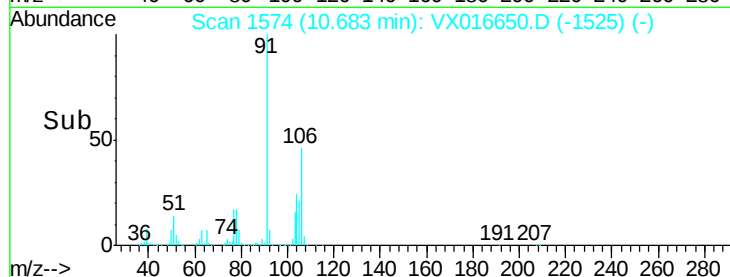
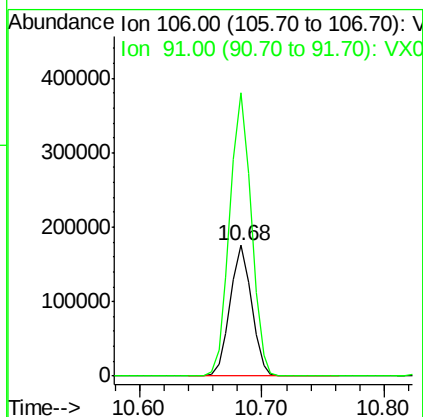
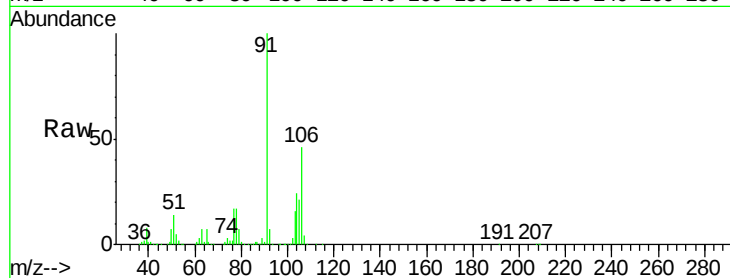
#69
o-Xylene
Concen: 47.825 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.4	109.6	328.8

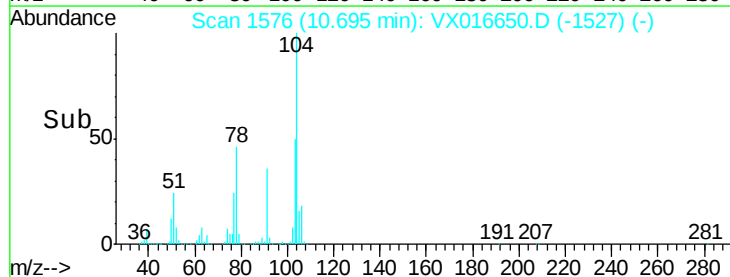
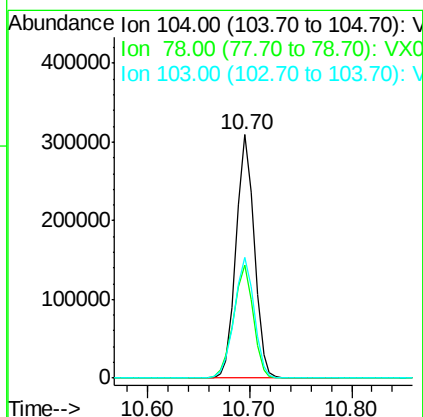
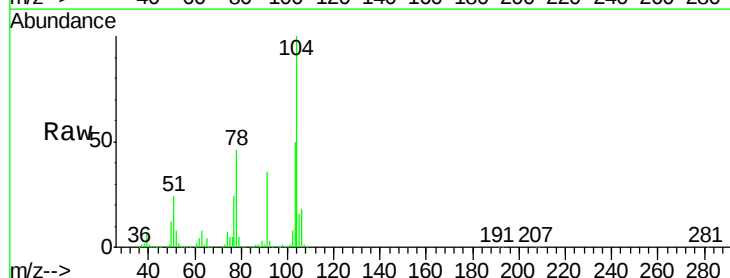
Manual Integrations
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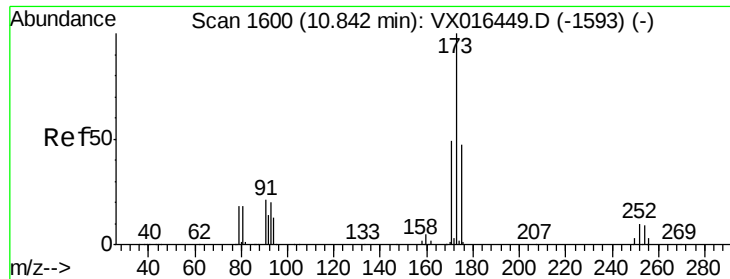
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#70
Styrene
Concen: 49.501 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.2	60.2
103	54.3	43.1	64.7





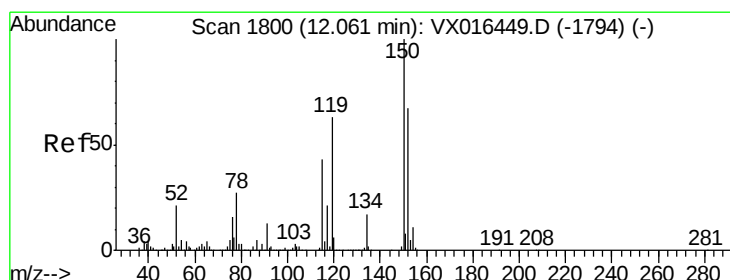
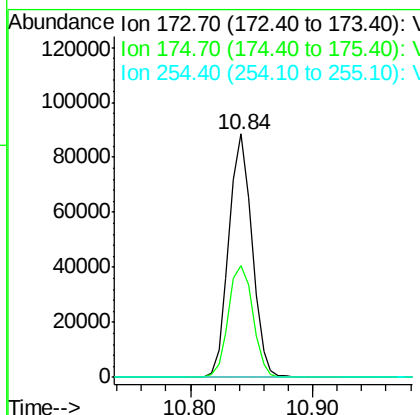
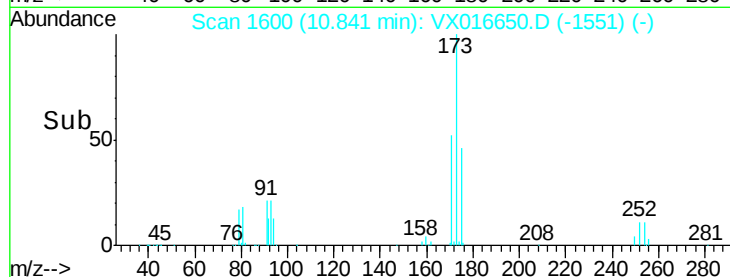
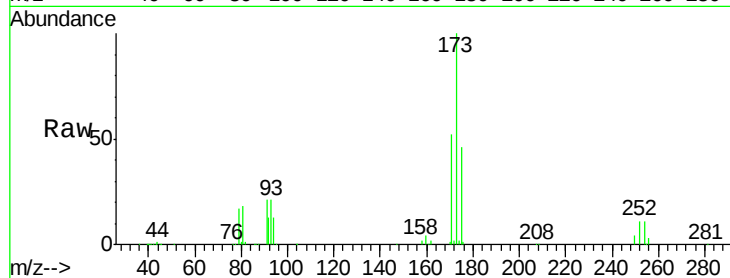
#71
Bromoform
Concen: 51.809 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.9	71.7
254	0.2	0.1	0.1#

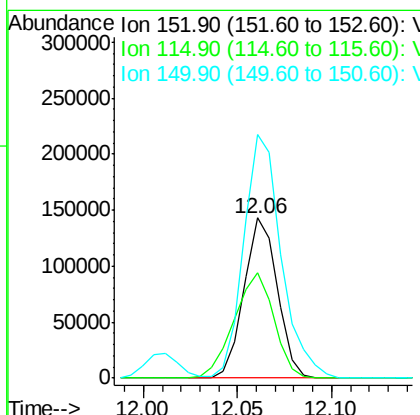
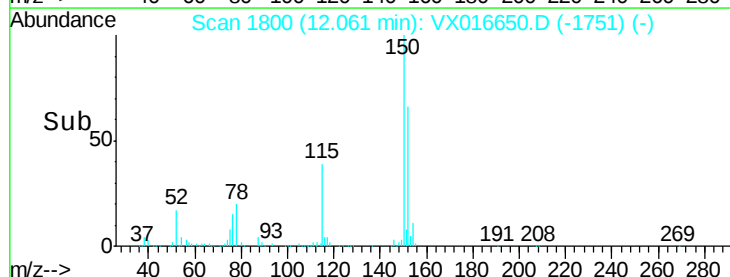
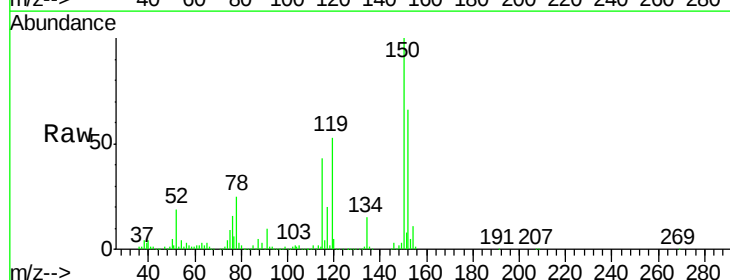
Manual Integrations
APPROVED

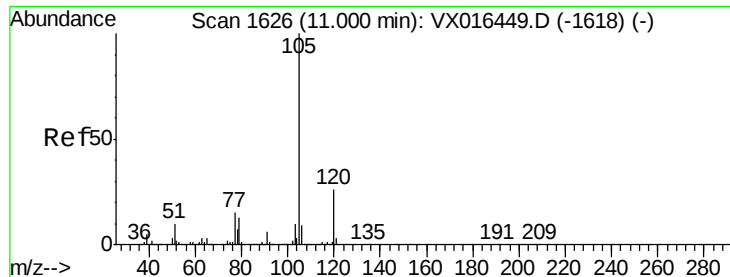
MMDadoda
6/9/2020 11:41:29 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	39.9	119.6
150	170.7	0.0	341.0





#73

Isopropylbenzene

Concen: 47.135 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 573846

Ion Ratio Lower Upper

105 100

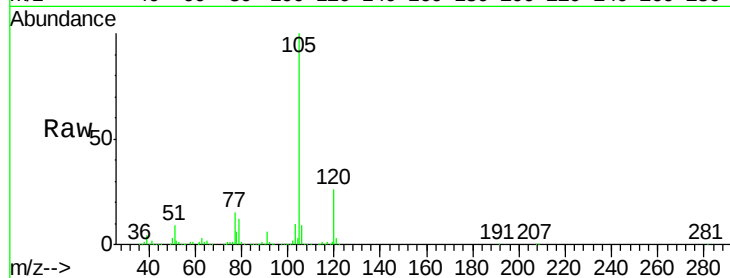
120 26.2 13.1 39.3

Manual Integrations

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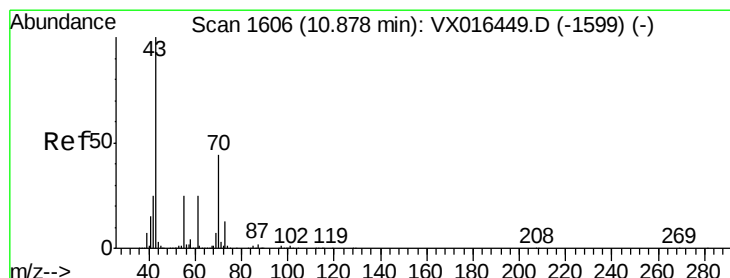
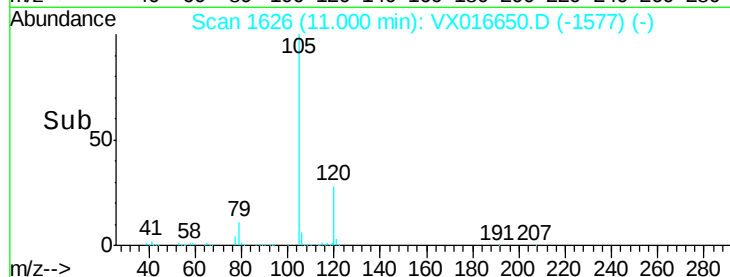
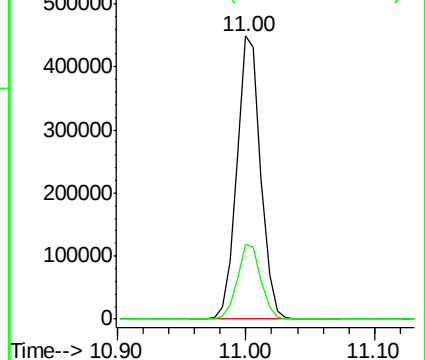
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.625 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion: 43 Resp: 233100

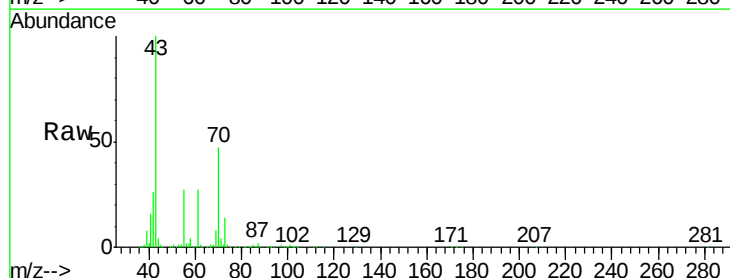
Ion Ratio Lower Upper

43 100

70 48.3 36.1 54.1

55 26.8 20.2 30.4

61 27.1 20.3 30.5

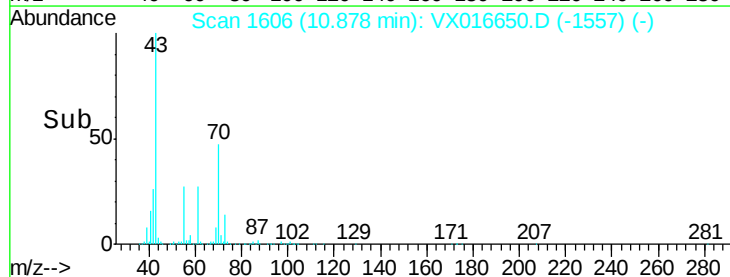
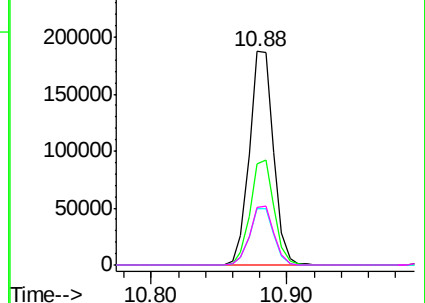


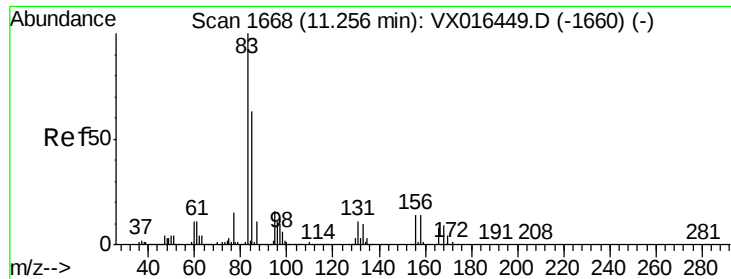
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.656 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

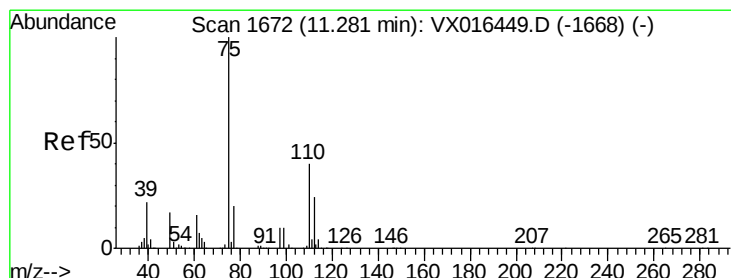
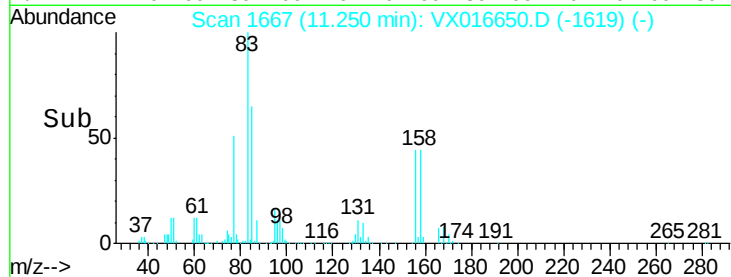
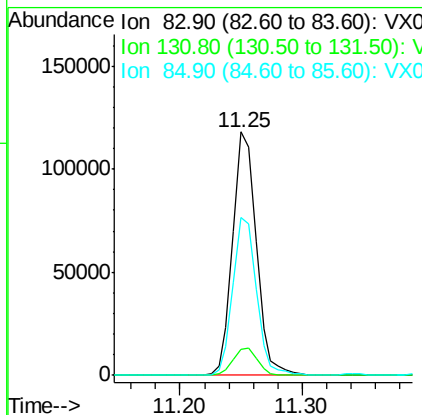
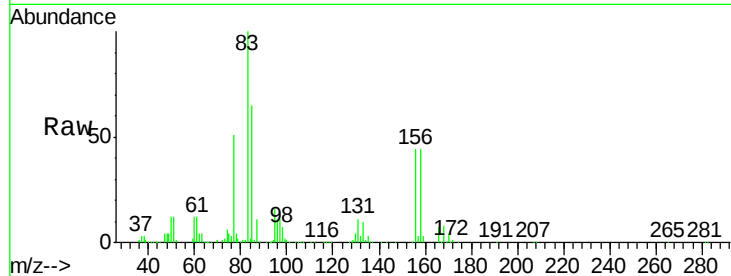
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	157611
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.3
85	65.0	32.0	96.2

Manual Integrations
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6/9/2020 11:41:29 AM



#76

1,2,3-Trichloropropane

Concen: 45.983 ug/l m

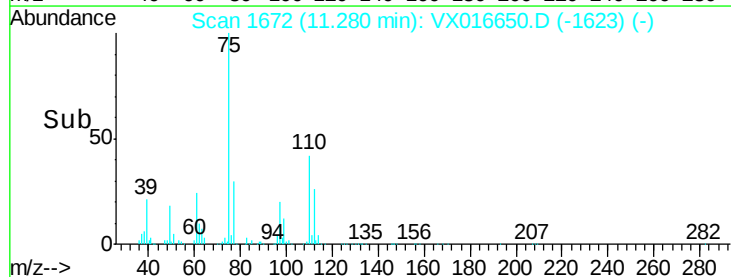
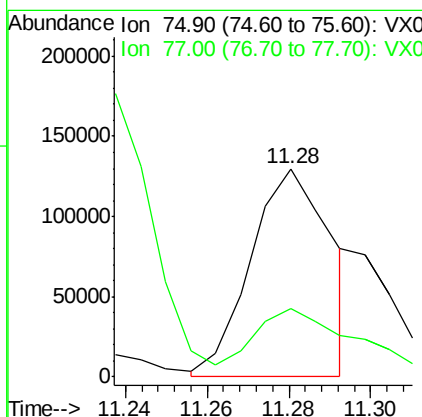
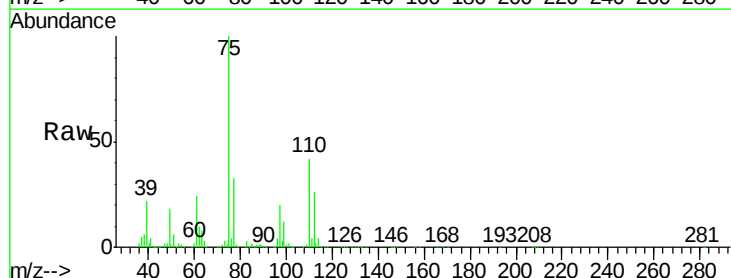
RT: 11.28 min Scan# 1672

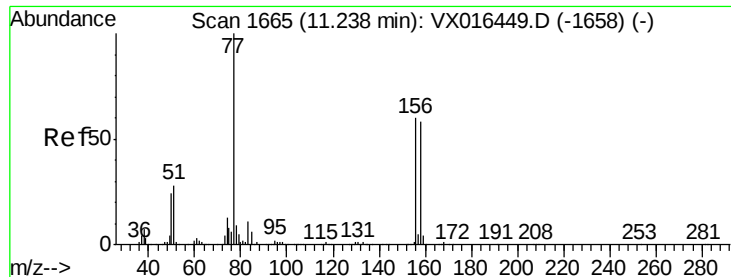
Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion:	75	Resp:	177594
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.3	63.7





#77

Bromobenzene

Concen: 47.437 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

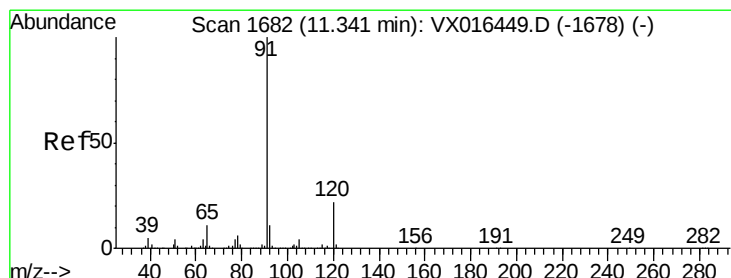
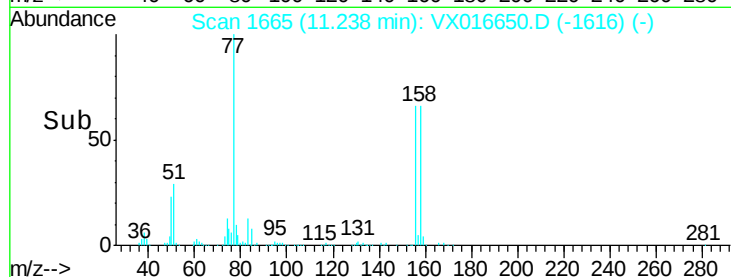
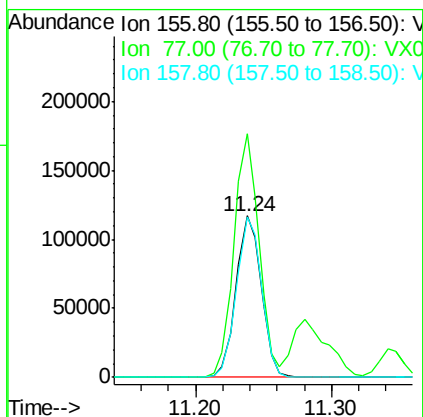
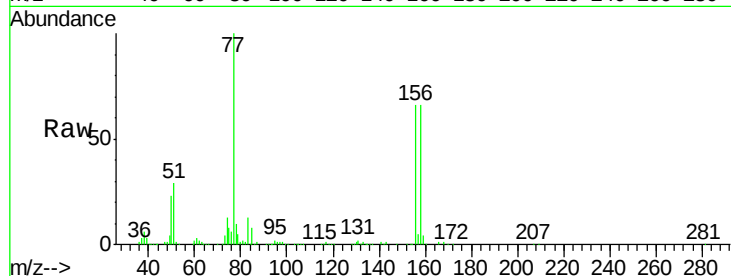
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	151472
Ion Ratio	Lower	Upper	
156	100		
77	149.4	79.6	238.8
158	98.6	48.1	144.4

Manual Integrations
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6/9/2020 11:41:29 AM



#78

n-propylbenzene

Concen: 46.331 ug/l

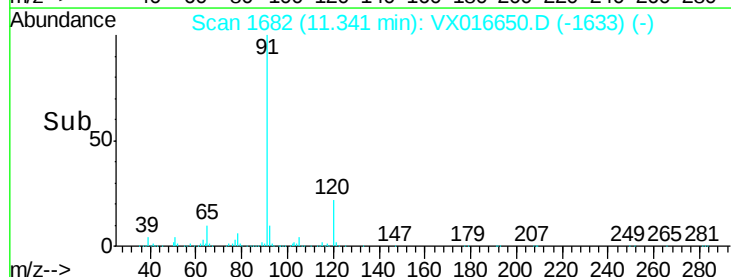
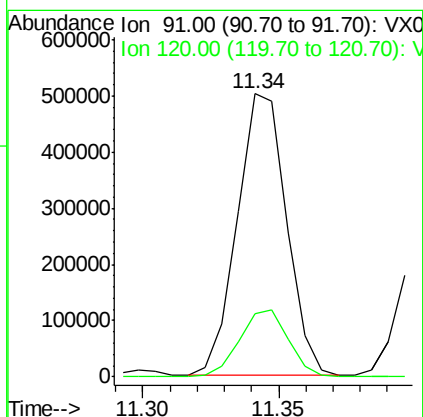
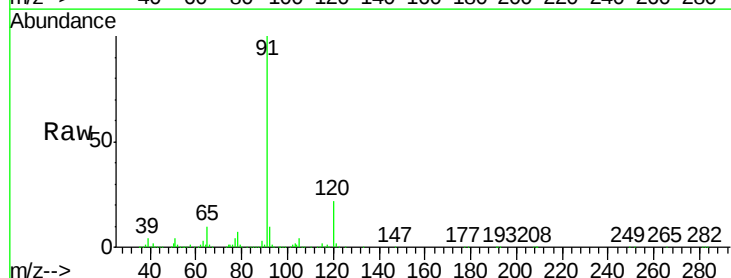
RT: 11.34 min Scan# 1682

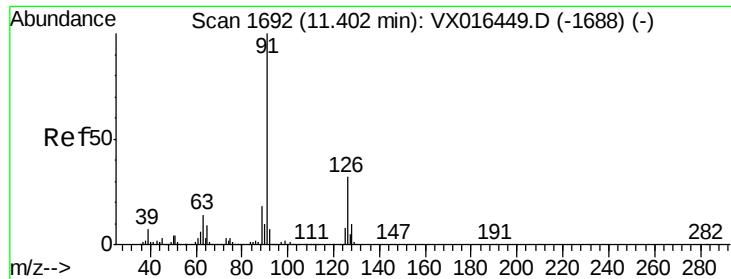
Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion:	91	Resp:	630176
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.7





#79

2-Chlorotoluene

Concen: 47.092 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 390978

Ion Ratio Lower Upper

91 100

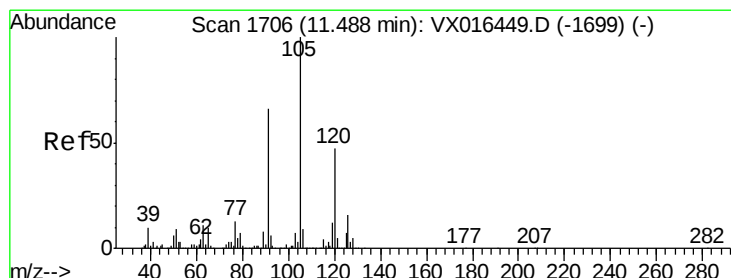
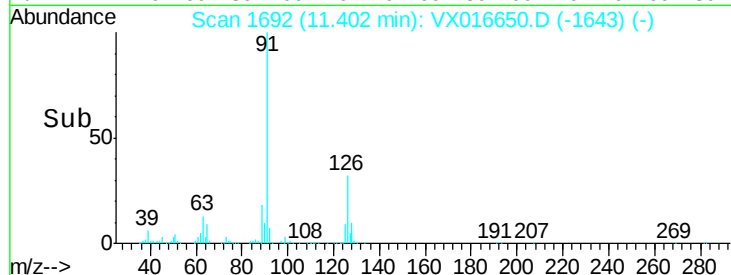
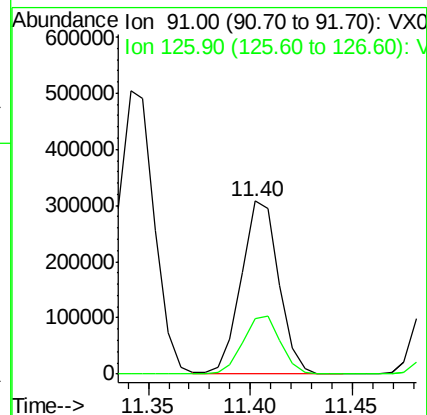
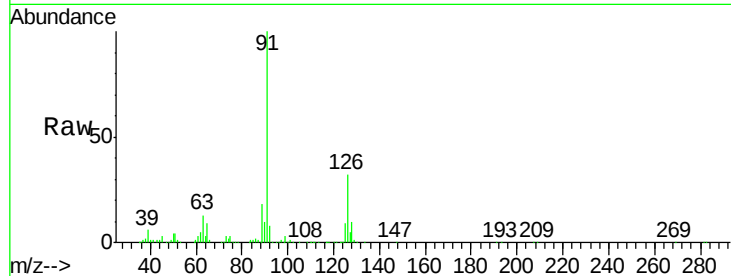
126 34.0 16.8 50.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.775 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016650.D

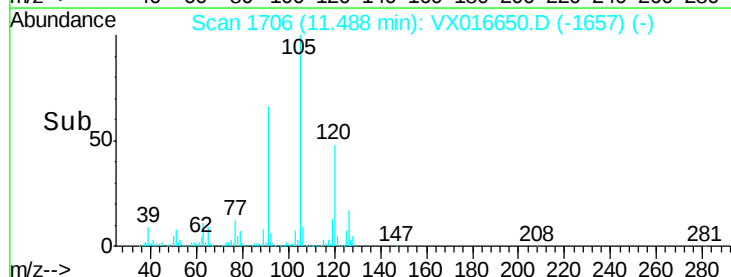
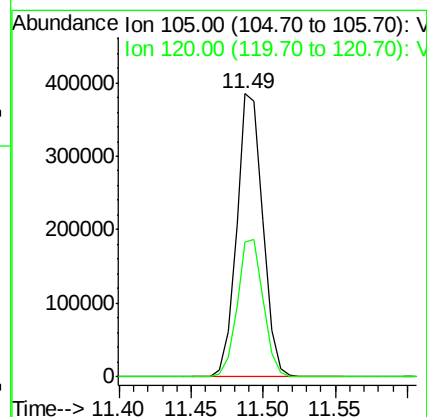
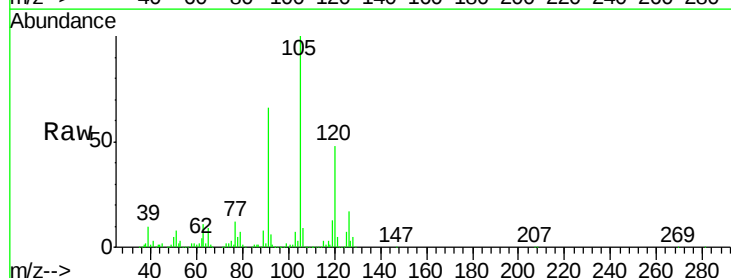
Acq: 08 Jun 2020 20:13

Tgt Ion: 105 Resp: 485659

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





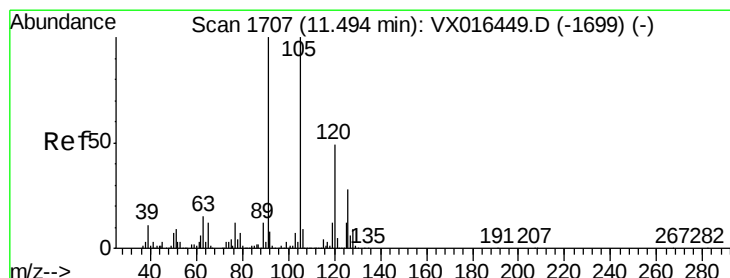
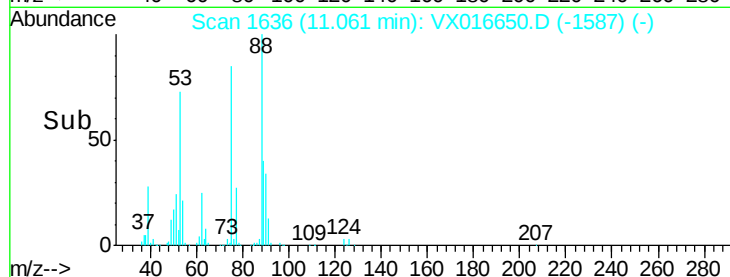
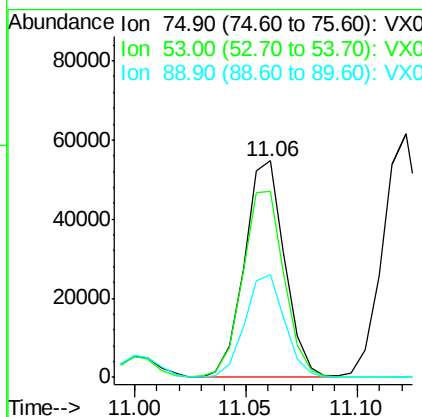
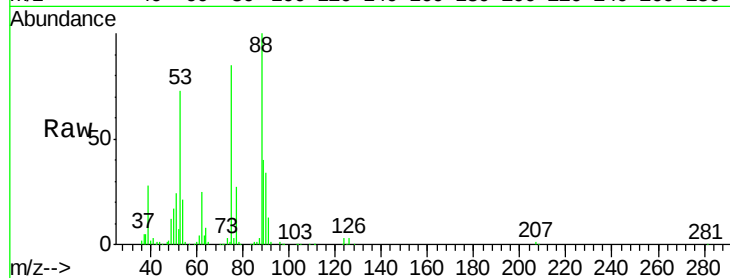
#81
trans-1,4-Dichloro-2-butene
Concen: 43.690 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	71.3	106.9
89	47.3	36.6	55.0

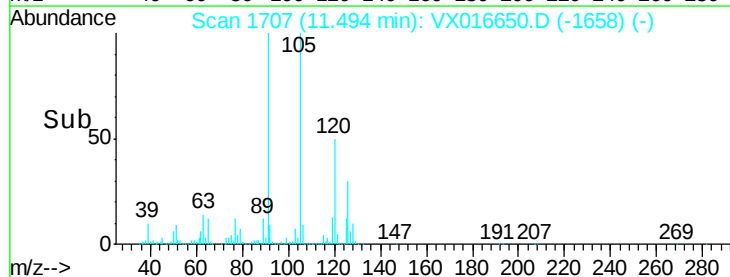
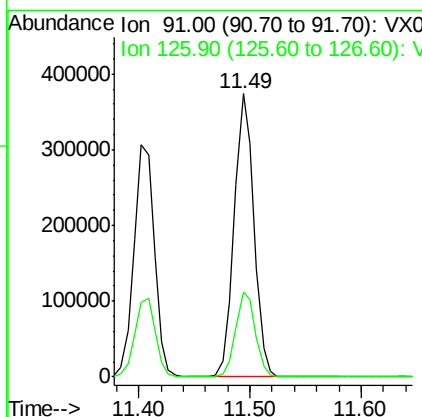
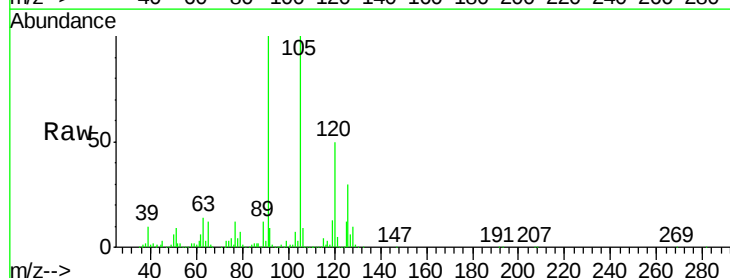
Manual Integrations
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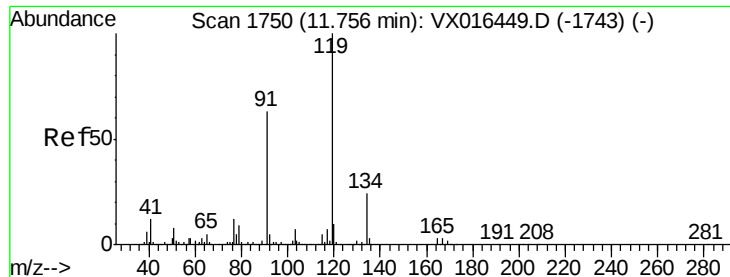
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6/9/2020 11:41:29 AM



#82
4-Chlorotoluene
Concen: 46.656 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.7	44.1





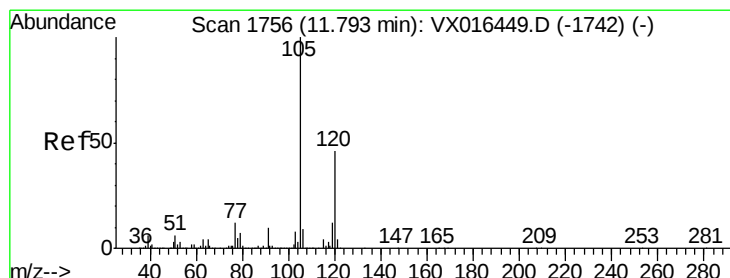
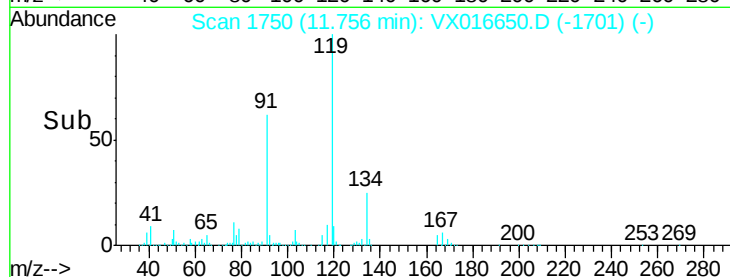
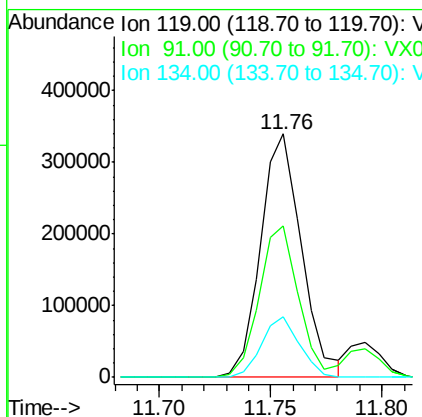
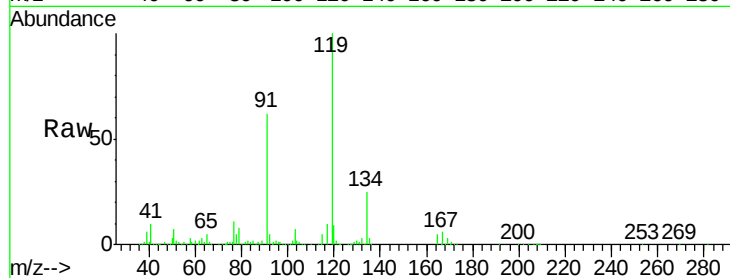
#83
tert-Butylbenzene
Concen: 49.930 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	433689		
91	59.7	31.3	93.8	
134	23.2	12.0	36.0	

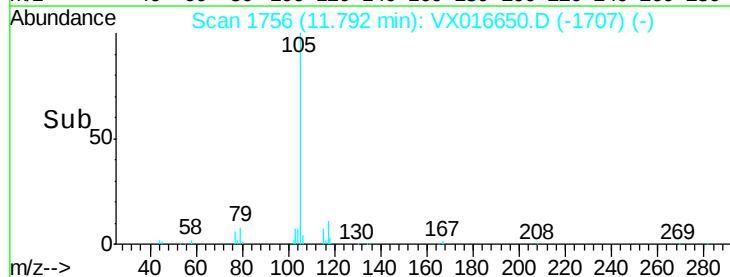
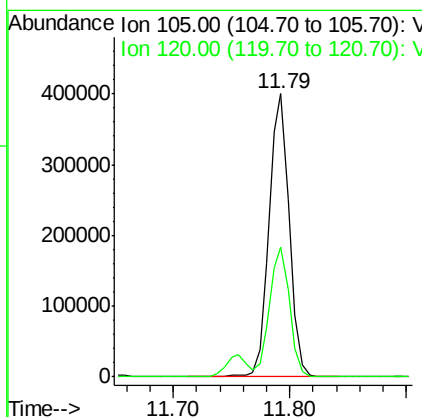
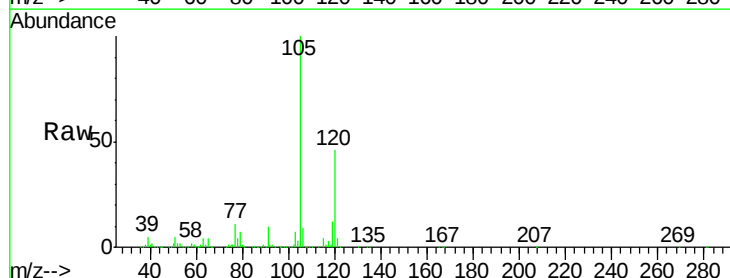
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 46.901 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	482173		
120	45.4	22.6	67.7	





#85

sec-Butylbenzene

Concen: 47.171 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 513989

Ion Ratio Lower Upper

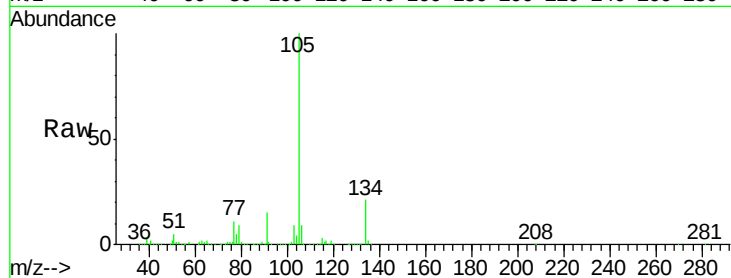
105 100

134 20.5 10.1 30.3

Manual Integrations
APPROVED

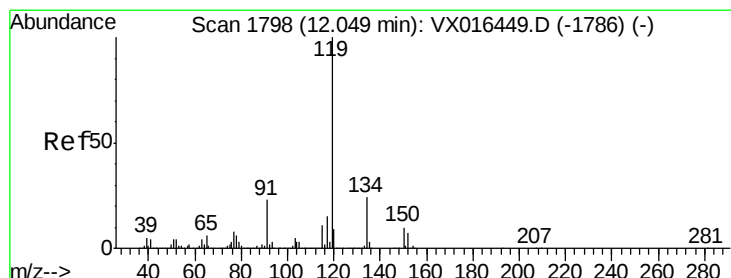
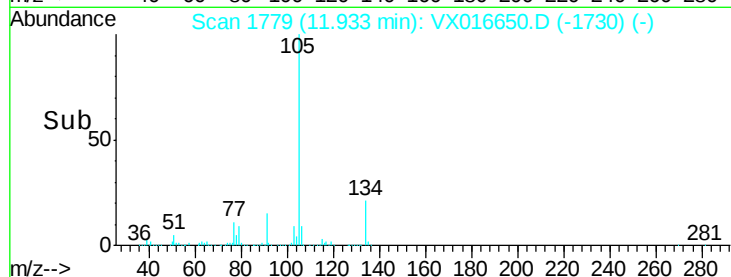
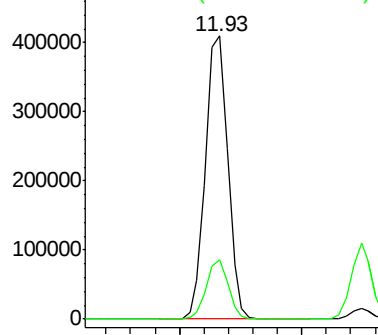
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.891 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

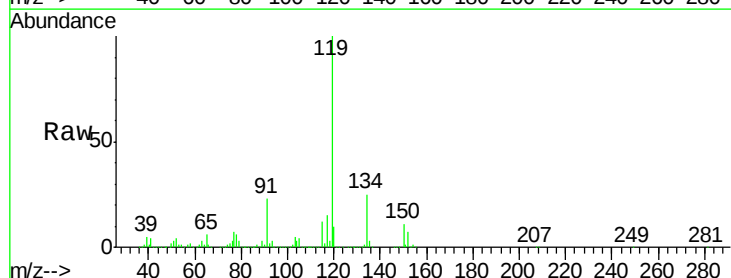
Tgt Ion:119 Resp: 499029

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

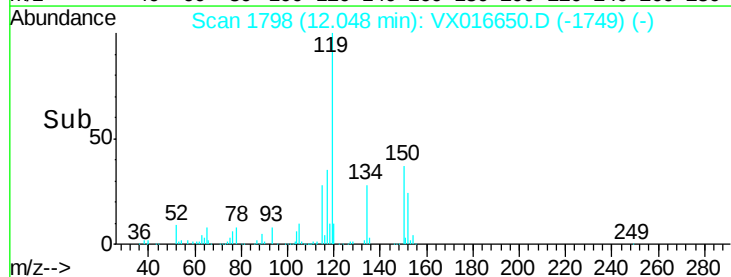
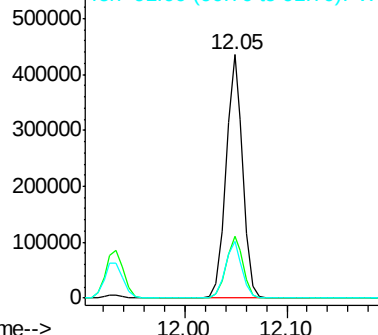
91 23.0 11.7 35.0

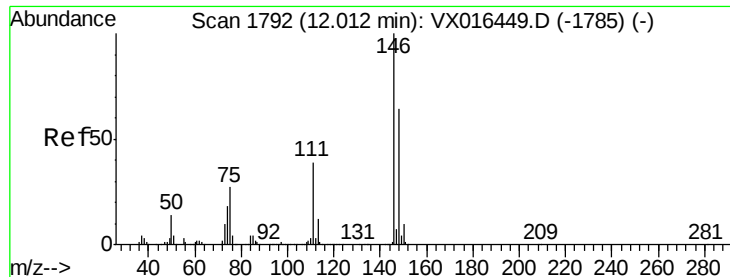


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.945 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

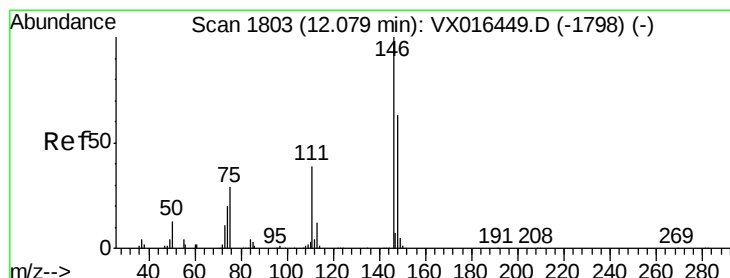
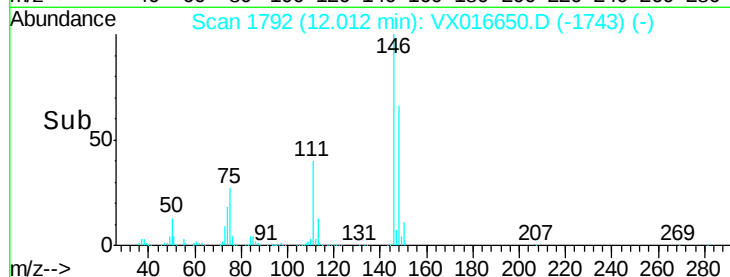
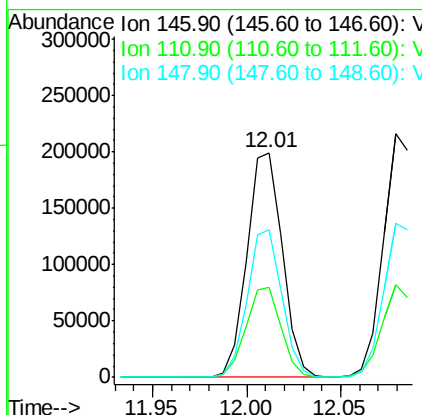
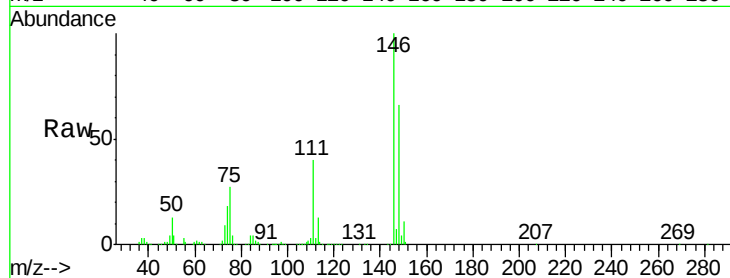
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.2	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.936 ug/l

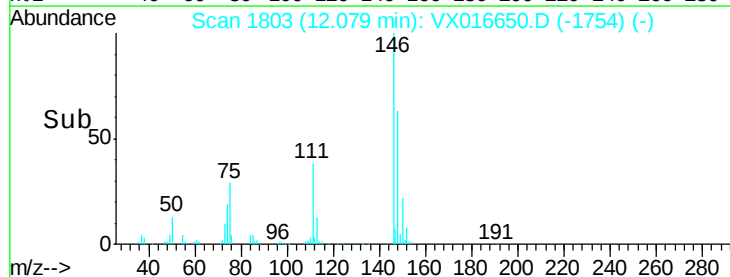
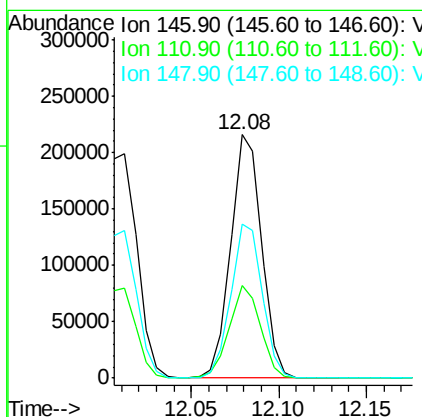
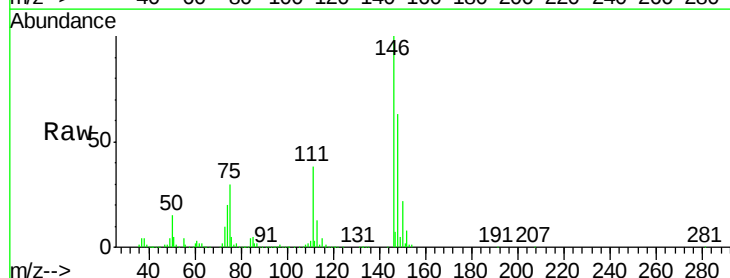
RT: 12.08 min Scan# 1803

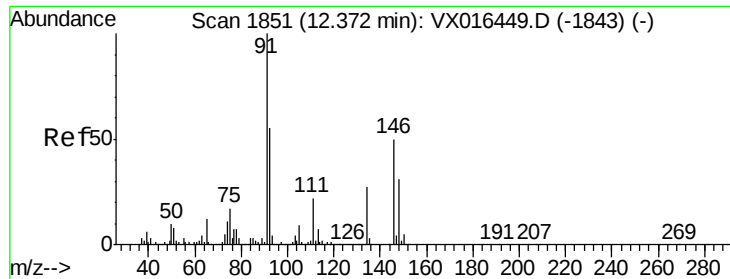
Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	64.4	31.4	94.3





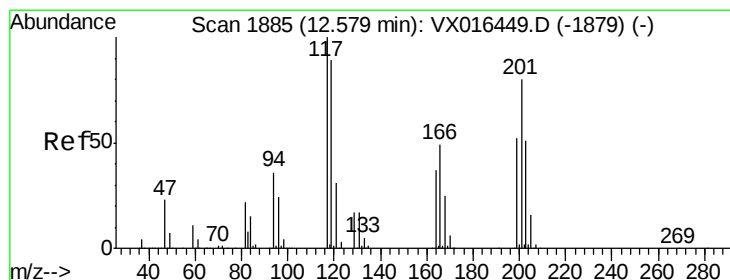
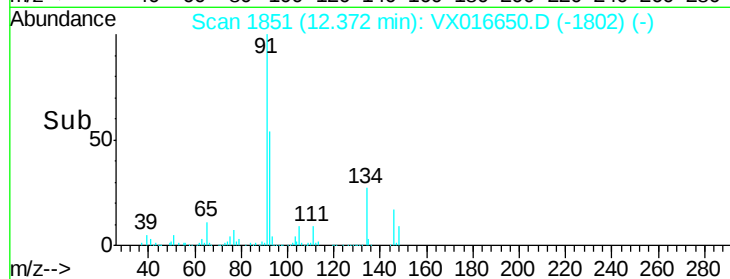
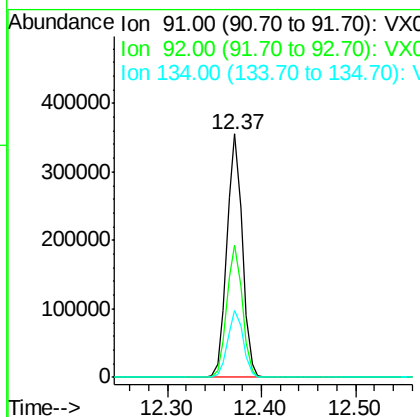
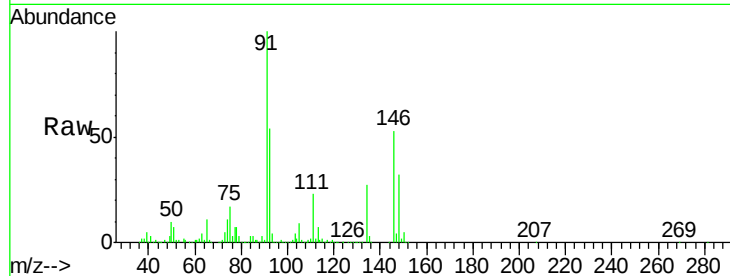
#89
n-Butylbenzene
Concen: 47.346 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.5
134	27.4	13.1	39.3

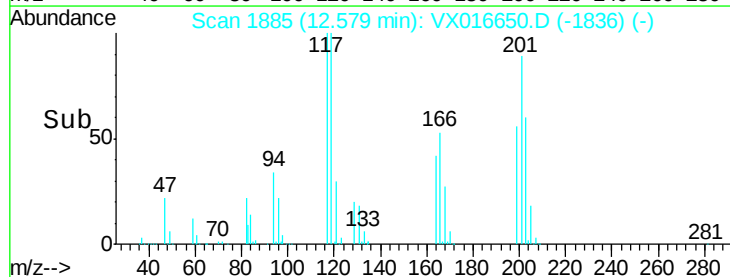
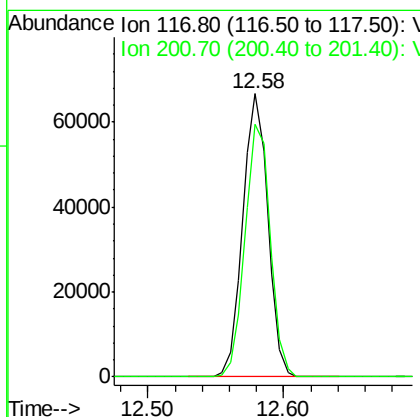
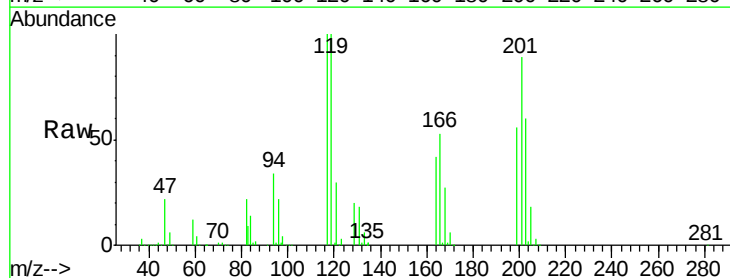
Manual Integrations
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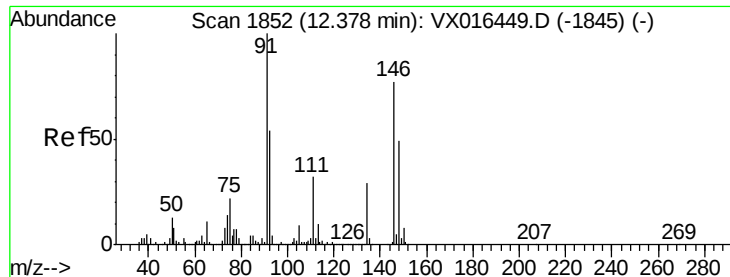
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#90
Hexachloroethane
Concen: 48.653 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016650.D
Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	43.1	129.3





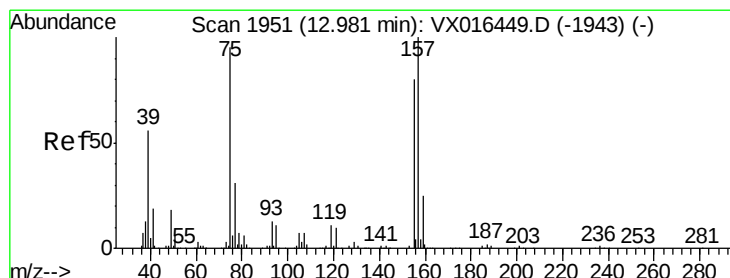
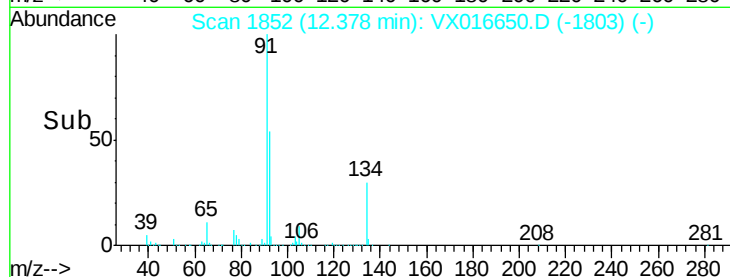
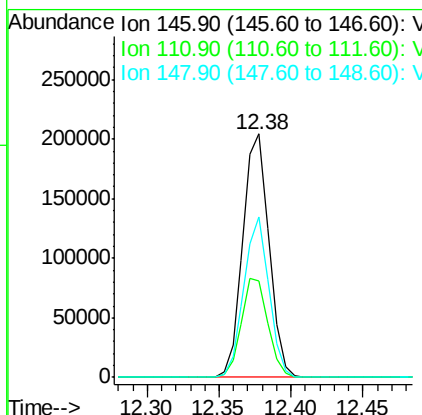
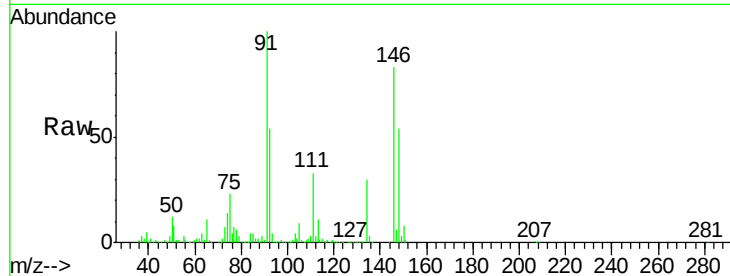
#91
 1,2-Dichlorobenzene
 Concen: 48.076 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	63.1	31.9	95.7

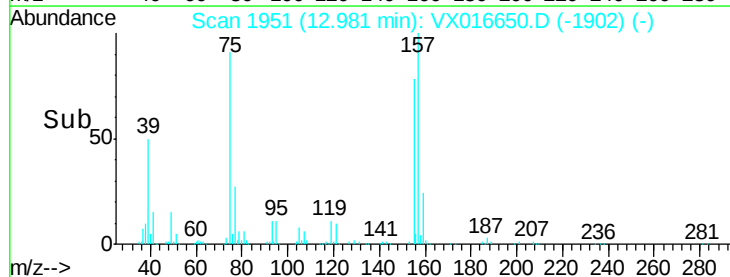
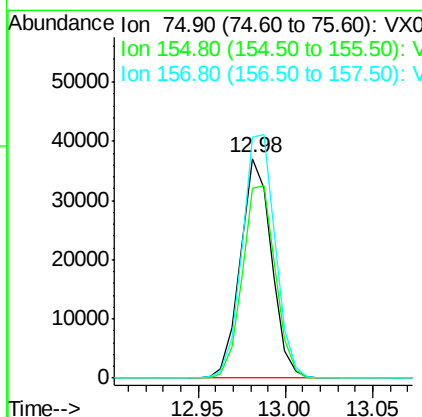
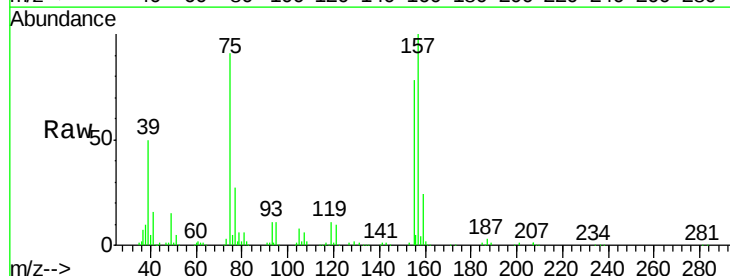
Manual Integrations
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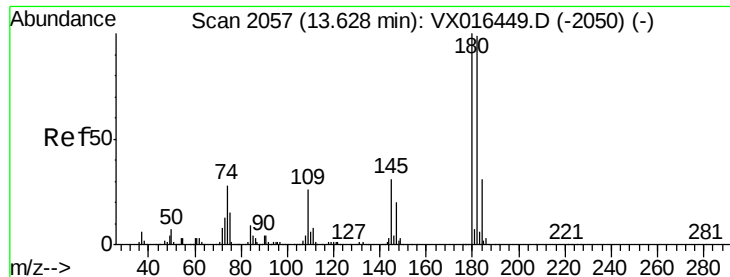
MMDadoda
 6/9/2020 11:41:29 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.465 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	44.1	132.4
157	117.7	57.8	173.3





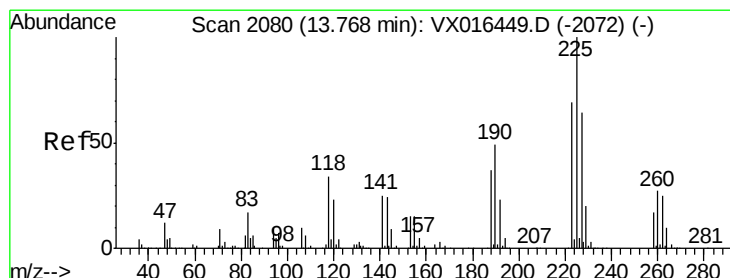
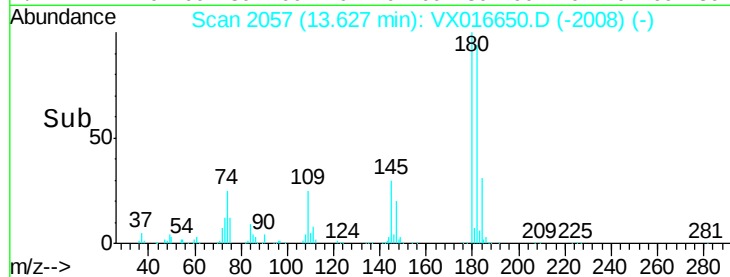
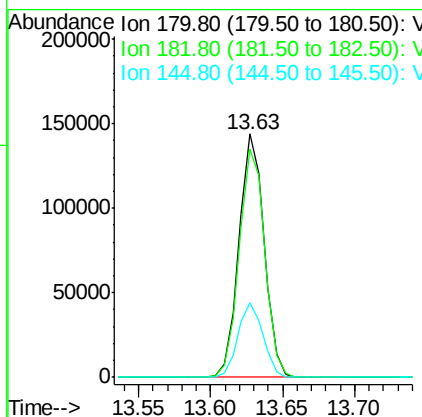
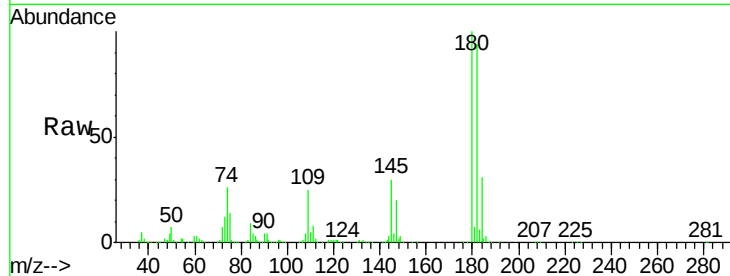
#93
 1,2,4-Trichlorobenzene
 Concen: 49.040 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	174564		
182	95.3	48.3	144.8	
145	30.5	15.4	46.2	

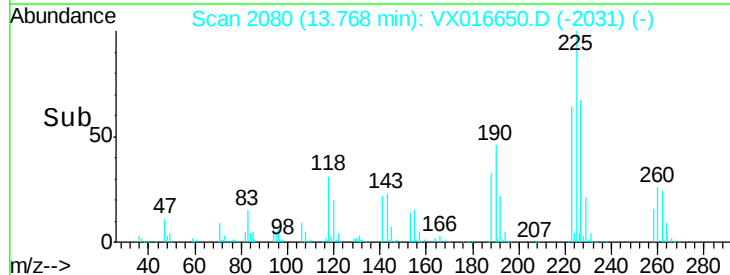
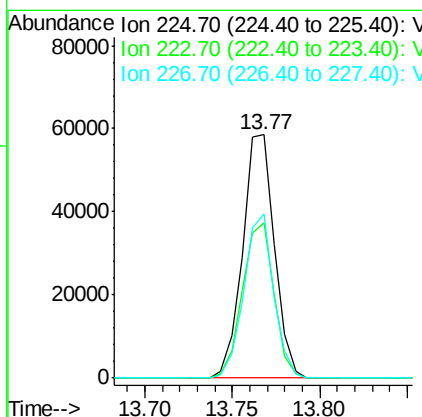
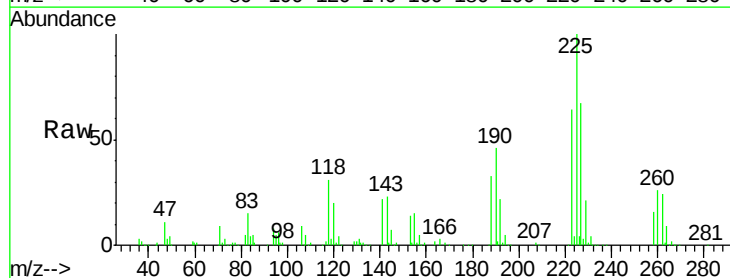
Manual Integrations
 APPROVED

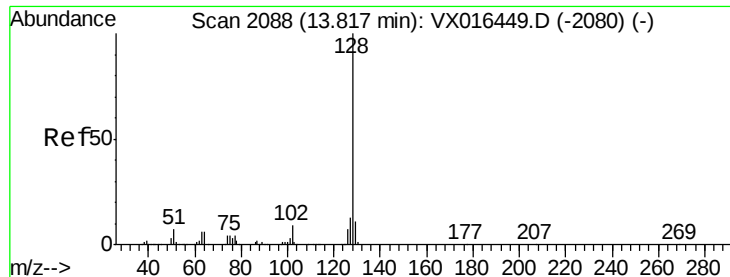
MMDadoda
 6/9/2020 11:41:29 AM



#94
 Hexachlorobutadiene
 Concen: 52.950 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016650.D
 Acq: 08 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74002		
223	63.2	32.3	96.8	
227	63.1	31.6	94.7	





#95

Naphthalene

Concen: 48.482 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Instrument :

MSVOA_X

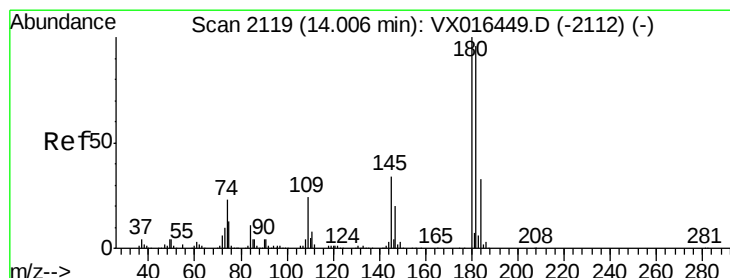
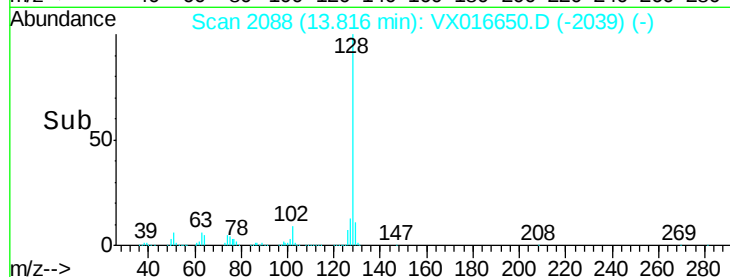
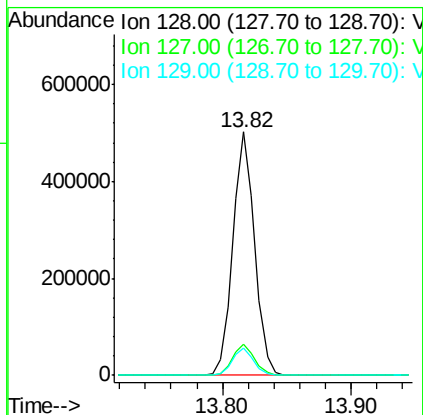
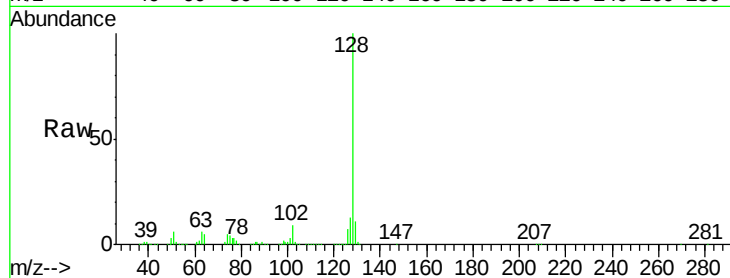
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	591617
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	15.8
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:29 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.799 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016650.D

Acq: 08 Jun 2020 20:13

Tgt Ion:	180	Resp:	177151
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.6	145.8
145	32.3	16.6	49.8

