

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\
 Data File : VX016193.D
 Acq On : 13 May 2020 20:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:16:00 PM

Quant Time: May 14 07:21:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	267291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	157233	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
35) Dibromofluoromethane	5.47	113	125934	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
50) Toluene-d8	8.70	98	493152	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.12	95	194363	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	139489	49.303	ug/l	100
3) Chloromethane	1.31	50	146798	44.679	ug/l	98
4) Vinyl Chloride	1.39	62	163450	46.628	ug/l	100
5) Bromomethane	1.62	94	73728	41.719	ug/l	96
6) Chloroethane	1.70	64	99045	46.437	ug/l	98
7) Trichlorofluoromethane	1.91	101	215261	46.774	ug/l	100
8) Diethyl Ether	2.17	74	89767	46.294	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123842	46.642	ug/l	98
10) Methyl Iodide	2.49	142	133700	37.488	ug/l	98
11) Tert butyl alcohol	3.02	59	201635	226.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126747	45.617	ug/l	98
13) Acrolein	2.27	56	126862	227.934	ug/l	99
14) Allyl chloride	2.70	41	231056	45.354	ug/l	96
15) Acrylonitrile	3.12	53	432410	234.353	ug/l	99
16) Acetone	2.42	43	341648	217.697	ug/l	96
17) Carbon Disulfide	2.55	76	367844	44.060	ug/l	99
18) Methyl Acetate	2.75	43	188024	48.727	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	474816	49.572	ug/l	99
20) Methylene Chloride	2.83	84	146891	45.403	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142694	46.085	ug/l	98
22) Diisopropyl ether	3.82	45	457172	47.567	ug/l	95
23) Vinyl Acetate	3.79	43	2020942	239.002	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260358	48.425	ug/l	99
25) 2-Butanone	4.64	43	599383	237.013	ug/l	100
26) 2,2-Dichloropropane	4.55	77	204779	41.706	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	163016	48.158	ug/l	98
28) Bromochloromethane	4.98	49	121948	49.742	ug/l	97
29) Tetrahydrofuran	5.09	42	388924	232.103	ug/l	98
30) Chloroform	5.18	83	261696	48.886	ug/l	100
31) Cyclohexane	5.55	56	227878	46.637	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	238648	49.045	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197558	46.743	ug/l	100
37) Ethyl Acetate	4.79	43	225294	45.991	ug/l	99
38) Carbon Tetrachloride	5.76	117	209818	48.841	ug/l	95

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	223340	43.879	ug/l	99
40) Benzene	6.11	78	600486	48.557	ug/l	97
41) Methacrylonitrile	5.01	41	121638	45.979	ug/l	98
42) 1,2-Dichloroethane	6.17	62	207606	46.603	ug/l	99
43) Isopropyl Acetate	6.41	43	367500	47.019	ug/l	99
44) Trichloroethene	7.19	130	198377	45.154	ug/l	99
45) 1,2-Dichloropropane	7.49	63	157660	50.384	ug/l	98
46) Dibromomethane	7.64	93	103226	48.543	ug/l	100
47) Bromodichloromethane	7.88	83	215635	49.790	ug/l	99
48) Methyl methacrylate	7.74	41	174044	46.994	ug/l	96
49) 1,4-Dioxane	7.71	88	83085	935.392	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1153918	241.259	ug/l	98
52) Toluene	8.77	92	381062	49.436	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	247223	47.877	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	262250	48.622	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	153535	50.626	ug/l	99
56) Ethyl methacrylate	9.16	69	251859	50.877	ug/l	95
57) 1,3-Dichloropropane	9.35	76	264451	49.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	652671	247.652	ug/l	100
59) 2-Hexanone	9.48	43	901606	240.036	ug/l	98
60) Dibromochloromethane	9.57	129	176453	52.829	ug/l	99
61) 1,2-Dibromoethane	9.65	107	163970	49.915	ug/l	99
64) Tetrachloroethene	9.32	164	223792	45.996	ug/l	95
65) Chlorobenzene	10.12	112	407826	49.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	157035	51.197	ug/l	99
67) Ethyl Benzene	10.24	91	731891	49.429	ug/l	99
68) m/p-Xylenes	10.34	106	552505	99.593	ug/l	99
69) o-Xylene	10.68	106	267257	50.118	ug/l	100
70) Styrene	10.70	104	467002	51.621	ug/l	100
71) Bromoform	10.84	173	132455	53.003	ug/l #	98
73) Isopropylbenzene	11.00	105	720902	46.930	ug/l	99
74) N-amyl acetate	10.88	43	322658	45.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166607	54.583	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	224469m	46.837	ug/l	
77) Bromobenzene	11.24	156	183248	46.217	ug/l	99
78) n-propylbenzene	11.34	91	822999	46.054	ug/l	99
79) 2-Chlorotoluene	11.40	91	495124	46.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	605102	46.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90337	44.920	ug/l	96
82) 4-Chlorotoluene	11.49	91	582607	46.772	ug/l	100
83) tert-Butylbenzene	11.76	119	525452	47.010	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	619035	47.210	ug/l	99
85) sec-Butylbenzene	11.93	105	680796	45.111	ug/l	100
86) p-Isopropyltoluene	12.05	119	640650	45.723	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	332644	46.725	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	333801	46.196	ug/l	100
89) n-Butylbenzene	12.37	91	549039	42.892	ug/l	99
90) Hexachloroethane	12.58	117	112806	46.878	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	320001	46.681	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56056	44.380	ug/l	96

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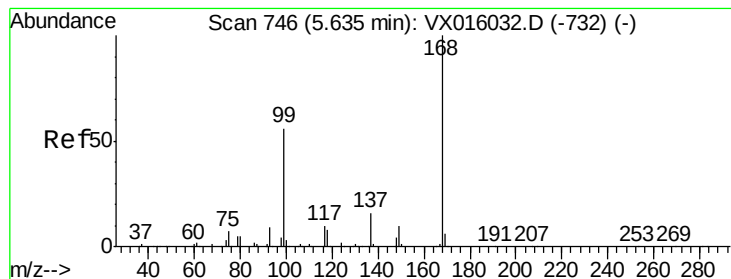
Manual Integrations
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MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227473	44.820	ug/l	98
94) Hexachlorobutadiene	13.77	225	82676	37.958	ug/l	98
95) Naphthalene	13.82	128	770518	46.887	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	228335	46.034	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 267291

Ion Ratio Lower Upper

168 100

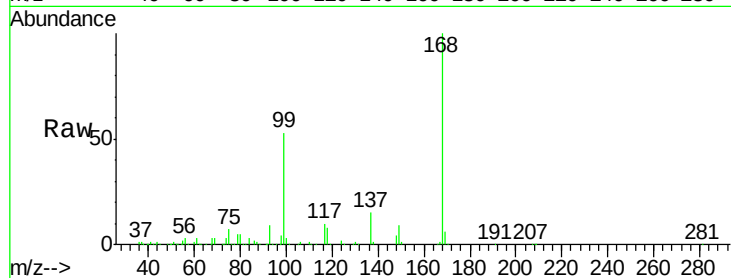
99 53.0 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

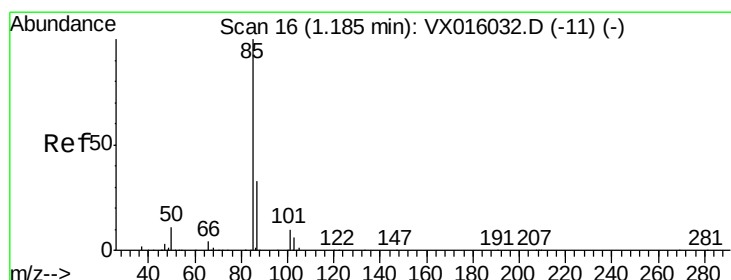
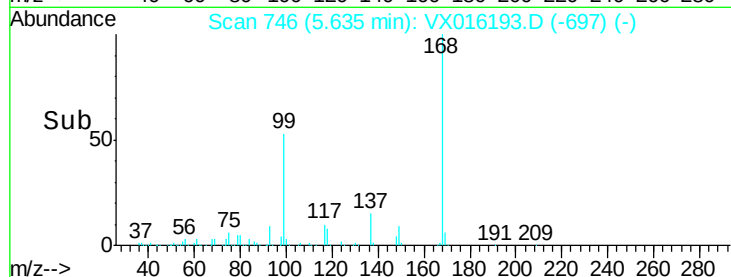
5.50

5.64

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.303 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016193.D

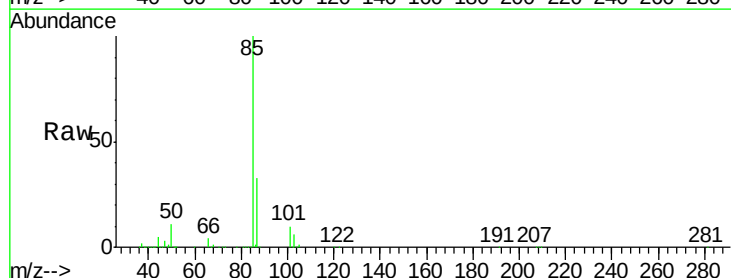
Acq: 13 May 2020 20:22

Tgt Ion: 85 Resp: 139489

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

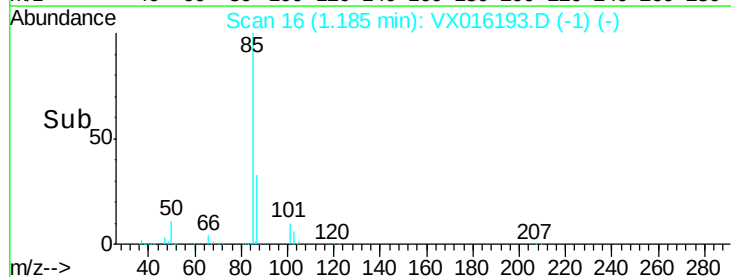
1.15

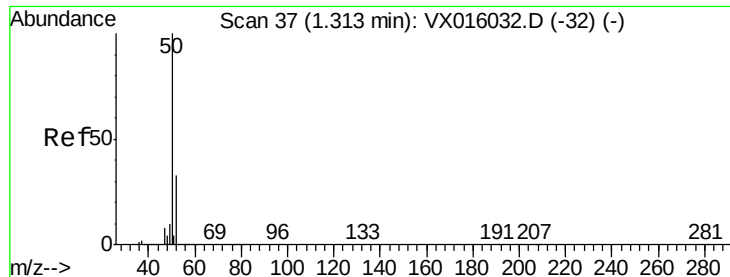
1.18

1.20

1.25

Time-->





#3

Chloromethane

Concen: 44.679 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 146798

Ion Ratio Lower Upper

50 100

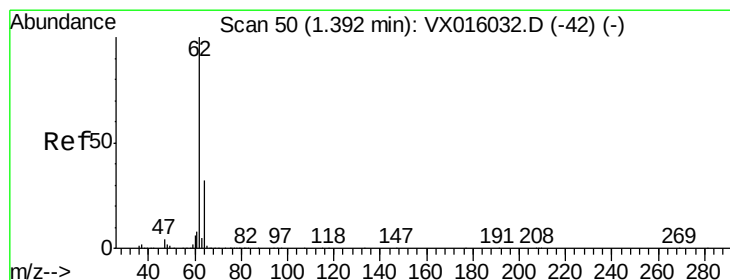
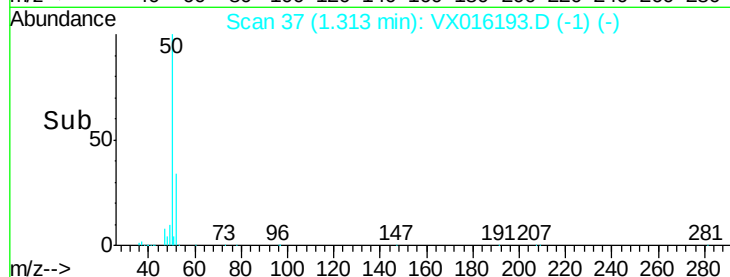
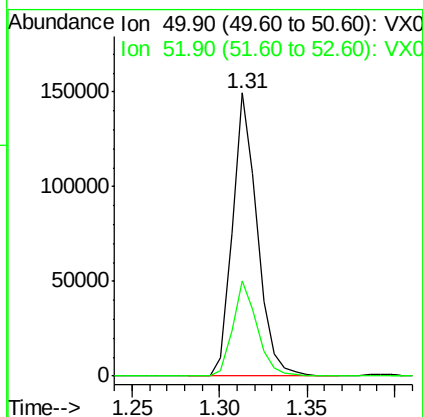
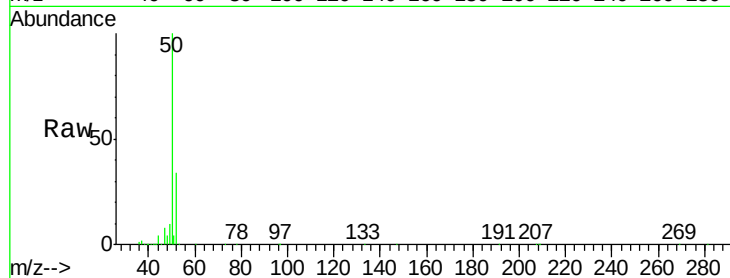
52 33.5 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.628 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016193.D

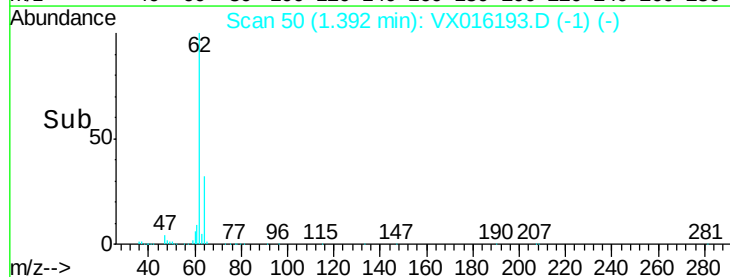
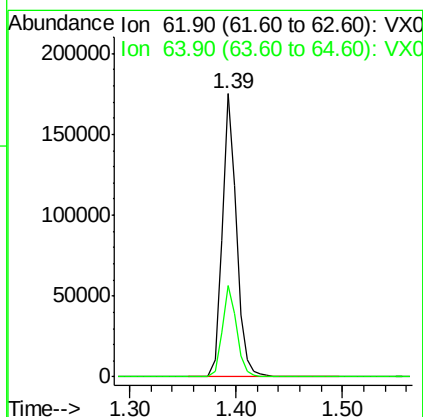
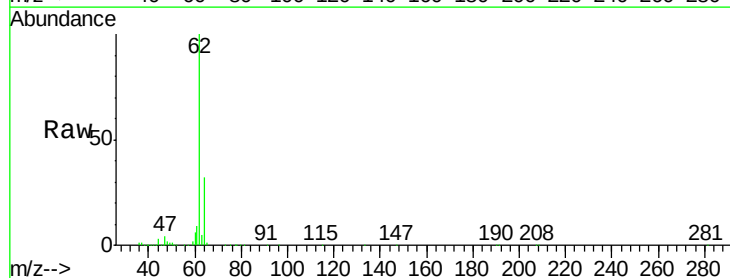
Acq: 13 May 2020 20:22

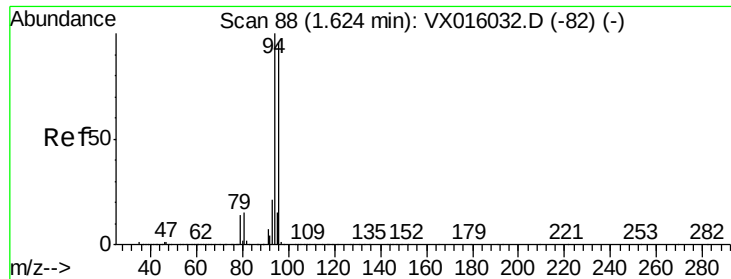
Tgt Ion: 62 Resp: 163450

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 41.719 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 73728

Ion Ratio Lower Upper

94 100

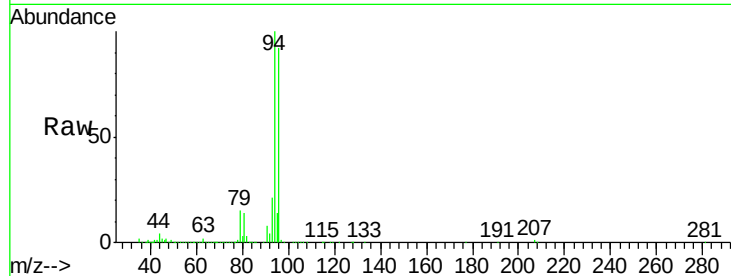
96 92.3 76.9 115.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

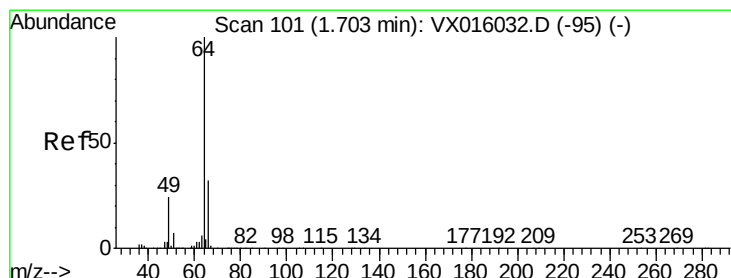
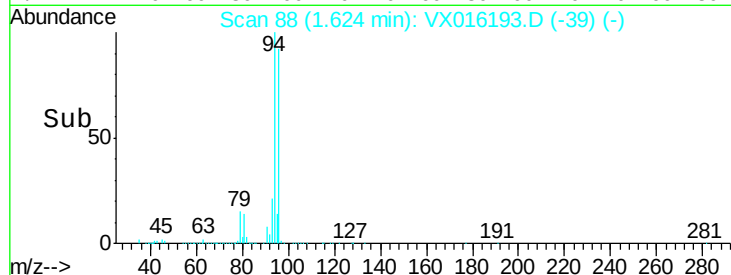
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 46.437 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016193.D

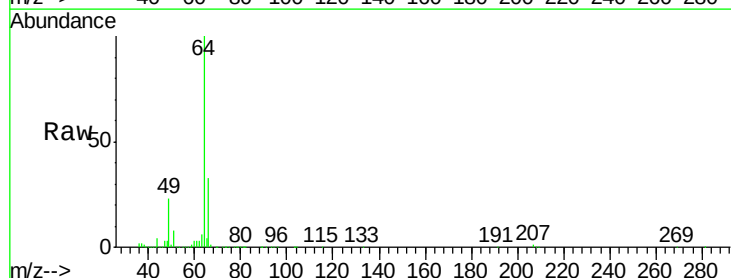
Acq: 13 May 2020 20:22

Tgt Ion: 64 Resp: 99045

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

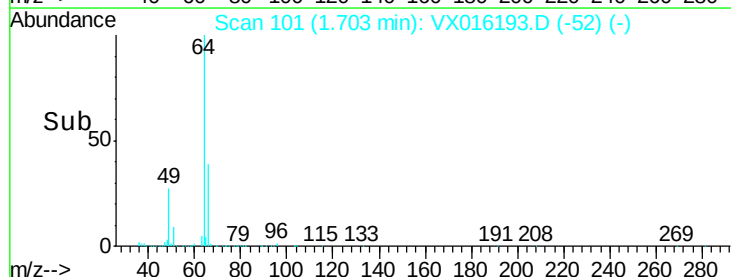
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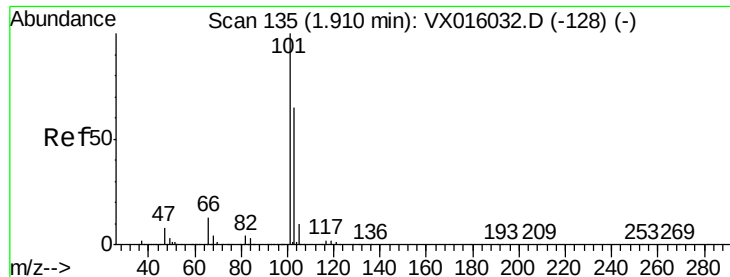
40000

20000

0

Time-->





#7

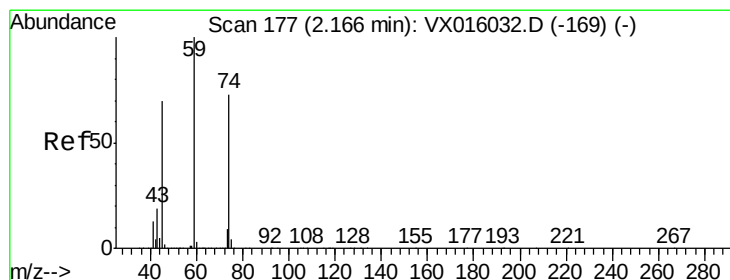
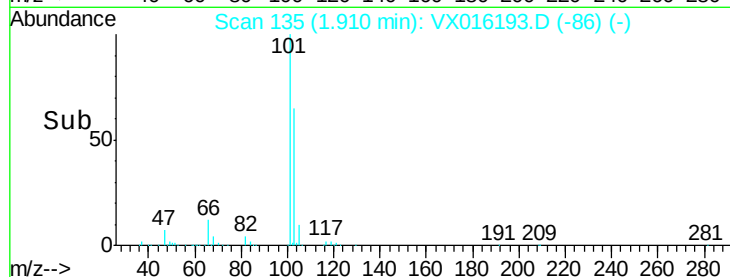
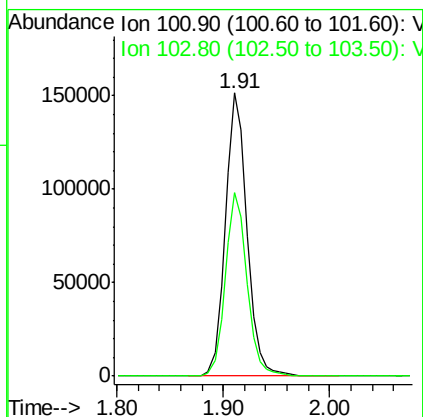
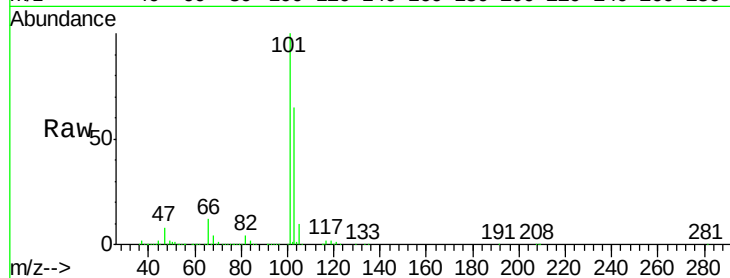
Trichlorofluoromethane
Concen: 46.774 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.6

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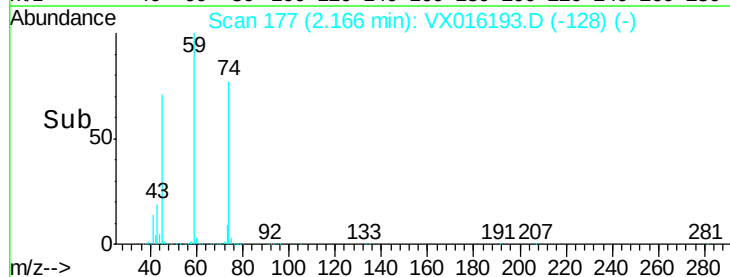
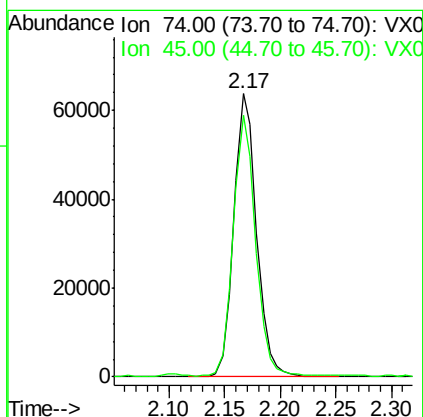
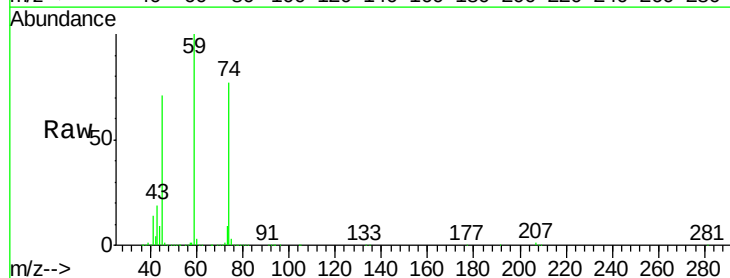
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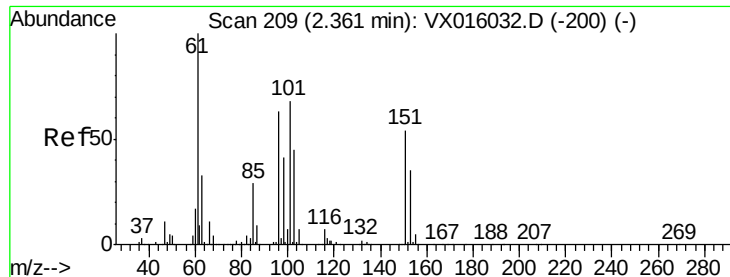


#8

Diethyl Ether
Concen: 46.294 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.642 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

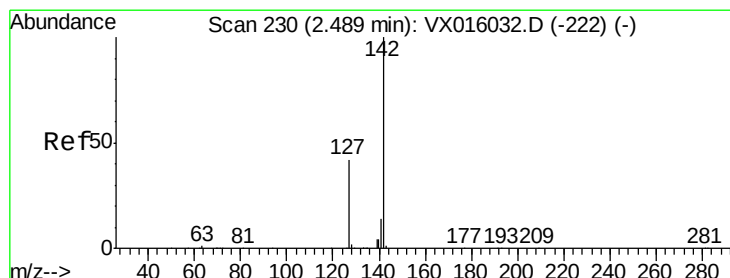
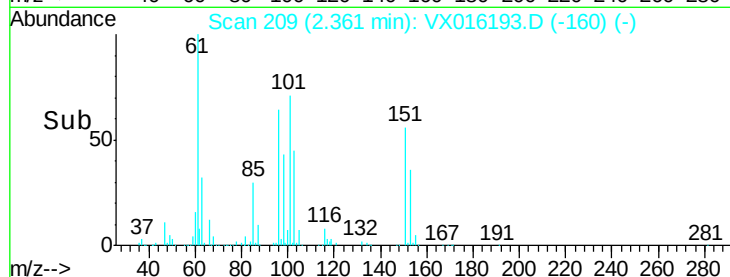
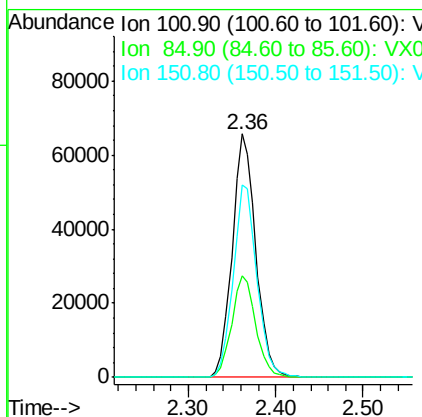
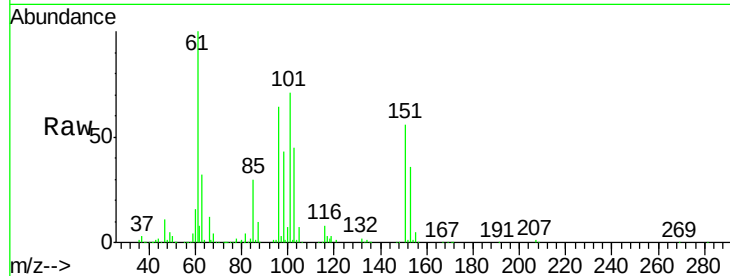
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	123842
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.2	51.4
151	79.4	62.1	93.1

Manual Integrations
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5/14/2020 12:16:00 PM



#10

Methyl Iodide

Concen: 37.488 ug/l

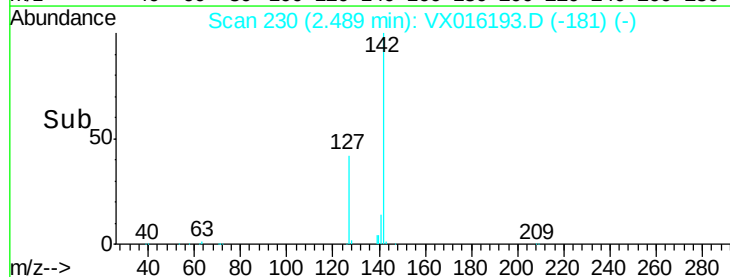
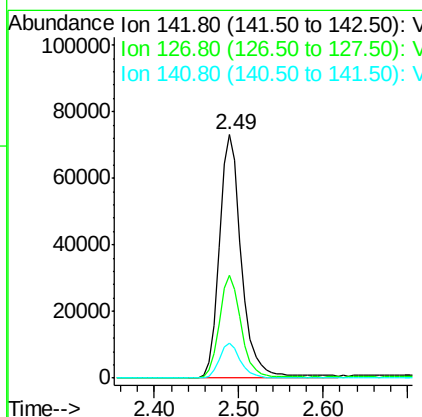
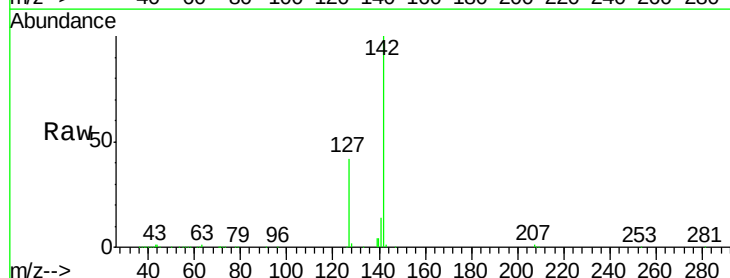
RT: 2.49 min Scan# 230

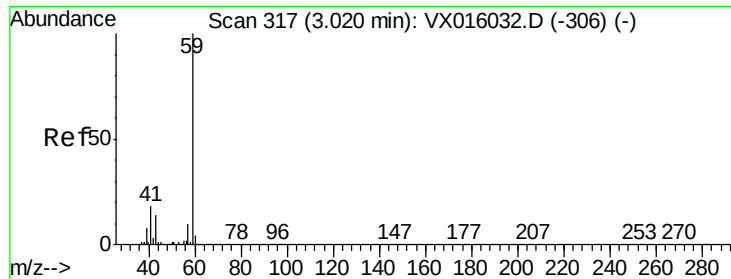
Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	142	Resp:	133700
Ion Ratio	Lower	Upper	
142	100		
127	41.8	34.6	52.0
141	13.7	11.3	16.9





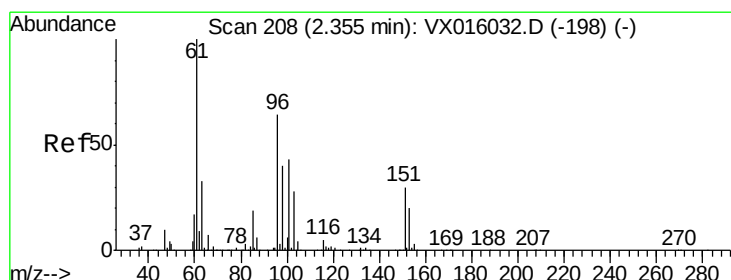
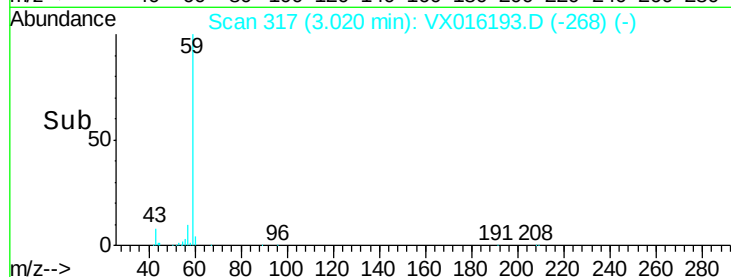
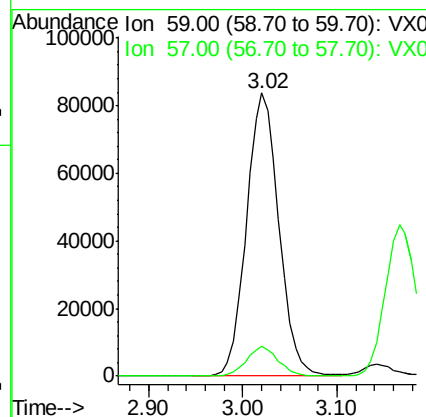
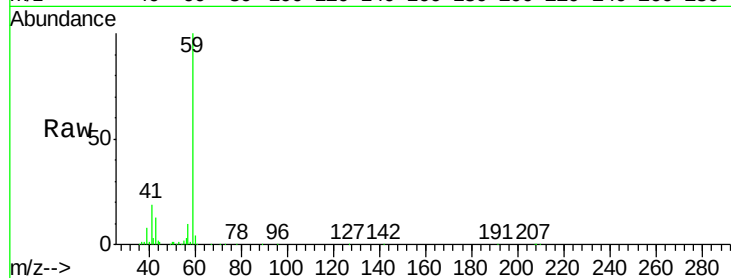
#11
Tert butyl alcohol
Concen: 226.702 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

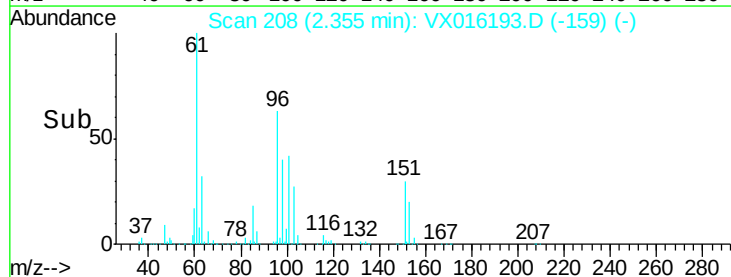
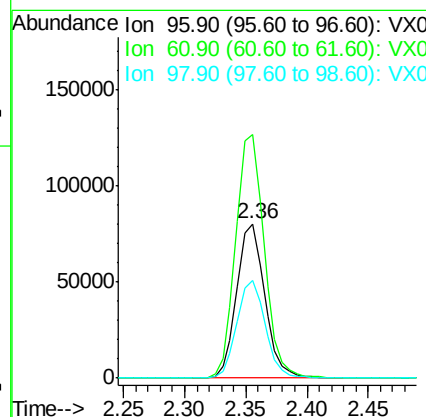
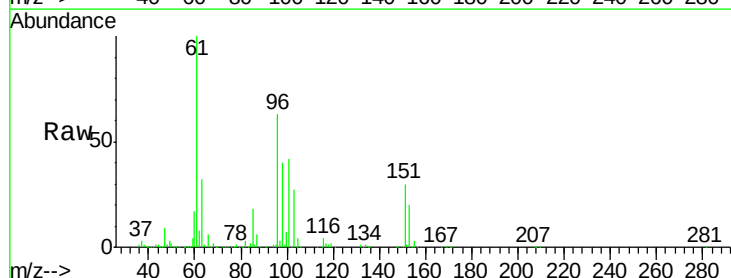
Manual Integrations
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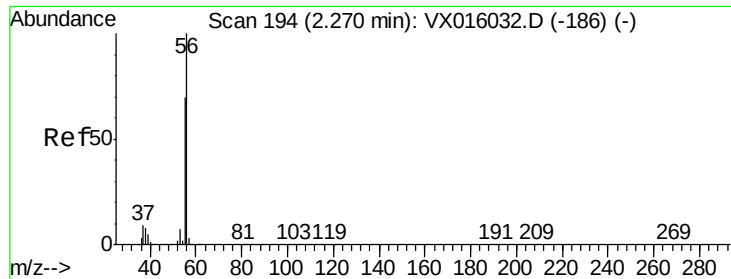
MMDadoda
5/14/2020 12:16:00 PM



#12
1,1-Dichloroethene
Concen: 45.617 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	124.8	187.2
98	63.9	49.7	74.5





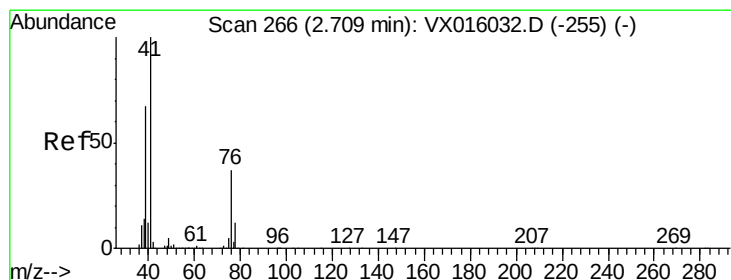
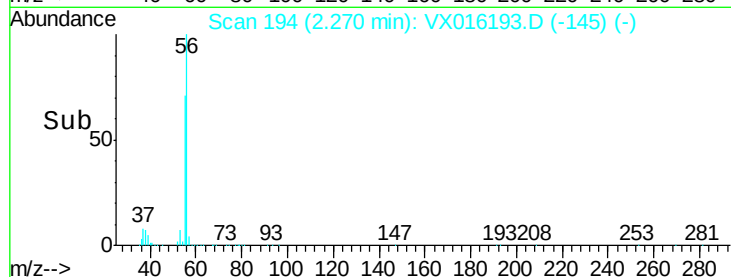
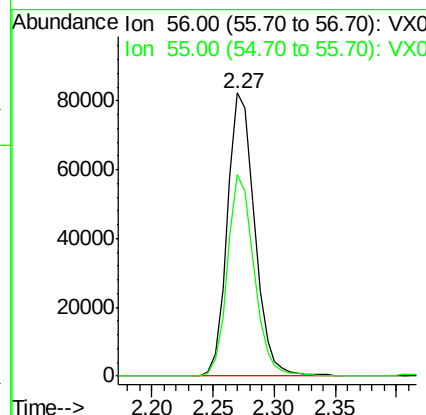
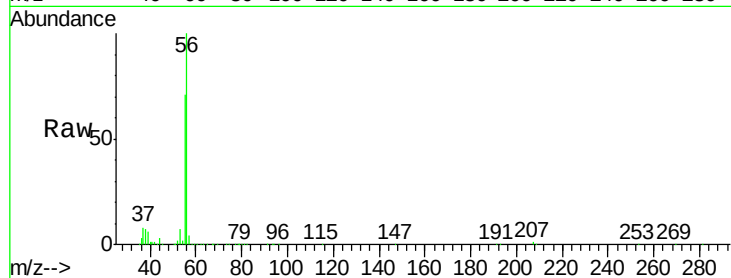
#13
Acrolein
Concen: 227.934 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	56.5	84.7

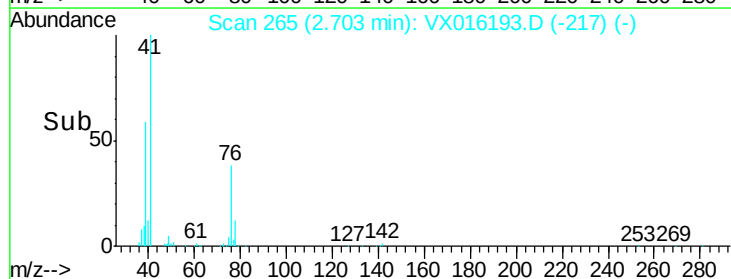
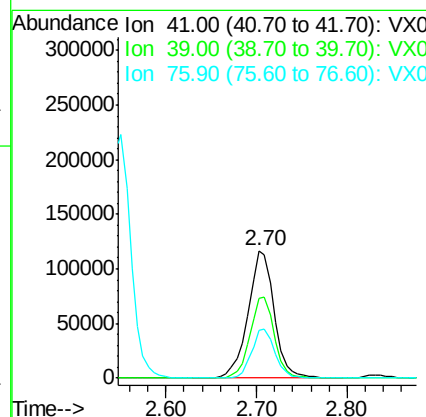
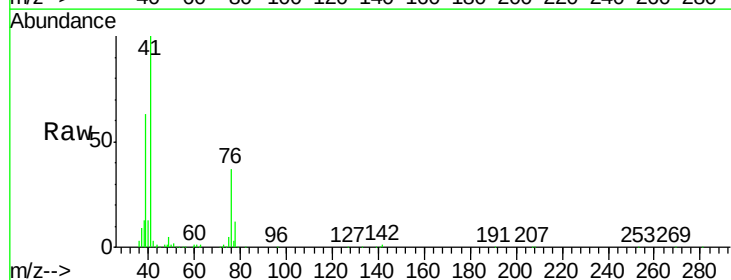
Manual Integrations
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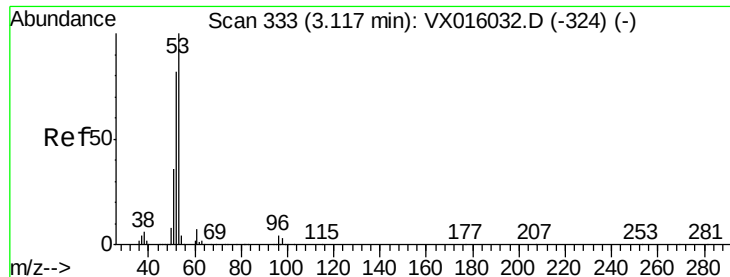
MMDadoda
5/14/2020 12:16:00 PM



#14
Allyl chloride
Concen: 45.354 ug/l
RT: 2.70 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.5	50.5	75.7
76	34.4	26.6	40.0





#15

Acrylonitrile

Concen: 234.353 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

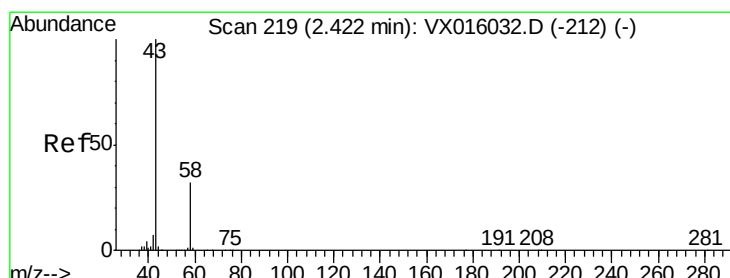
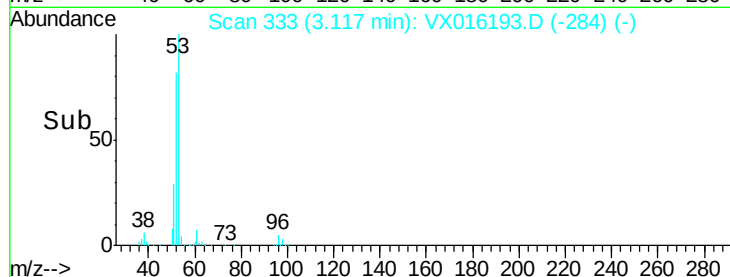
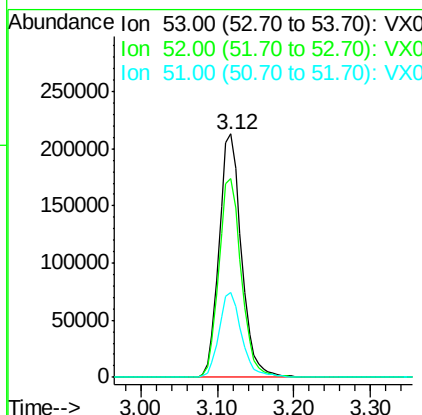
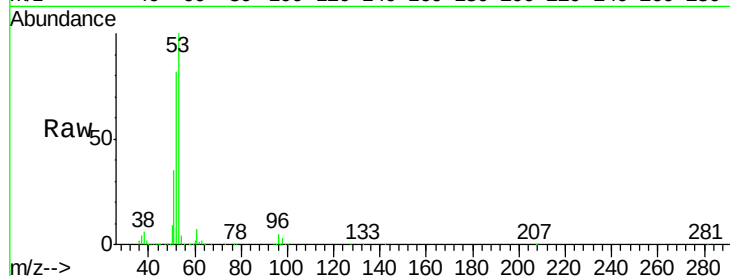
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	432410
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.1	99.1
51	35.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 217.697 ug/l

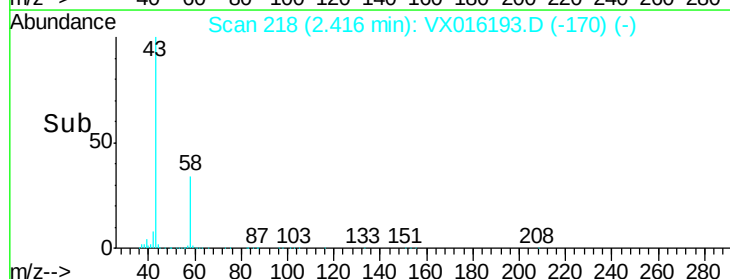
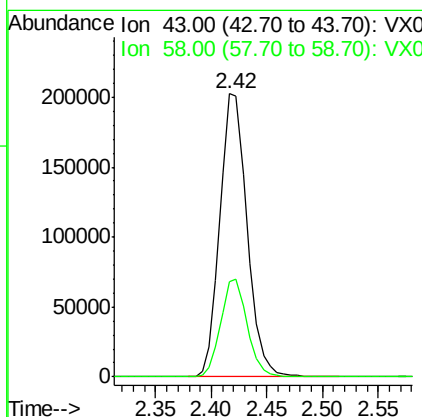
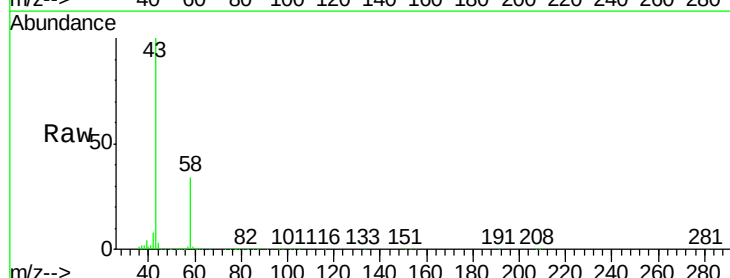
RT: 2.42 min Scan# 218

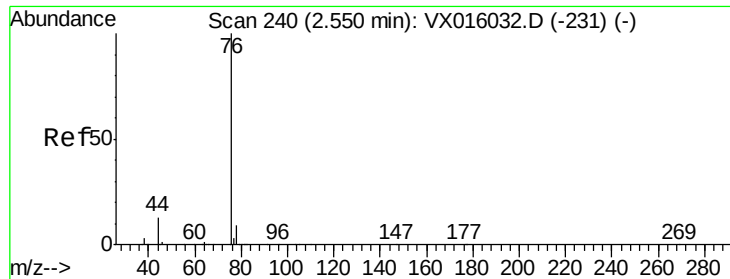
Delta R.T. -0.01 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	43	Resp:	341648
Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.4	38.0





#17

Carbon Disulfide

Concen: 44.060 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 367844

Ion Ratio Lower Upper

76 100

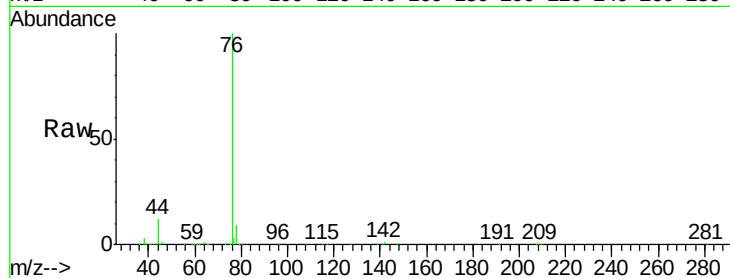
78 9.1 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

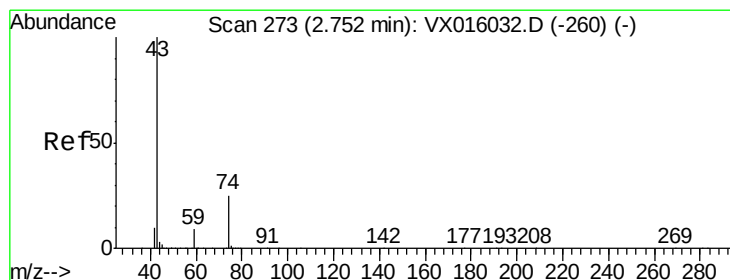
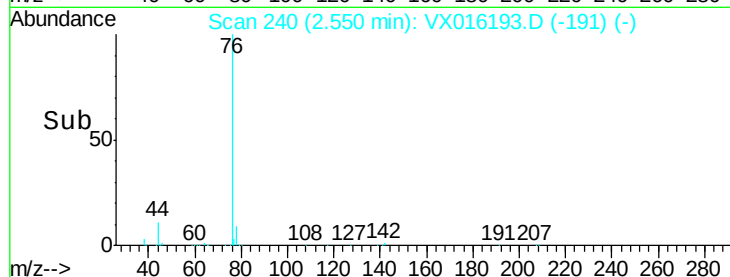
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 48.727 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016193.D

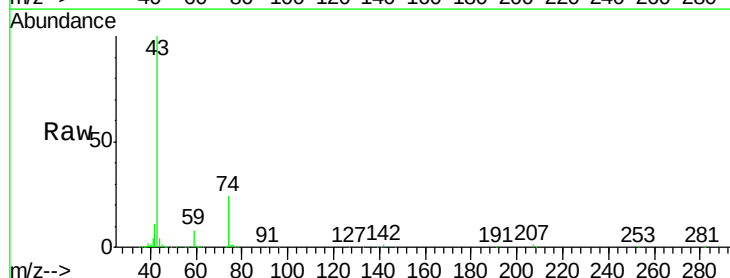
Acq: 13 May 2020 20:22

Tgt Ion: 43 Resp: 188024

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

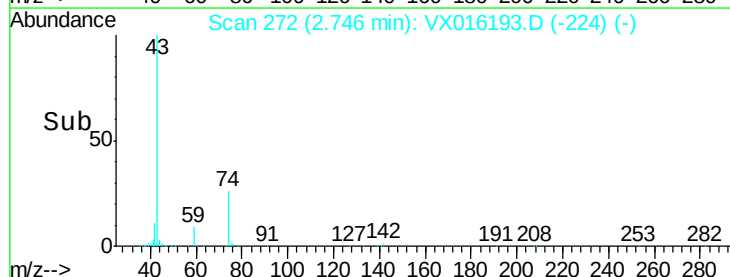
20000

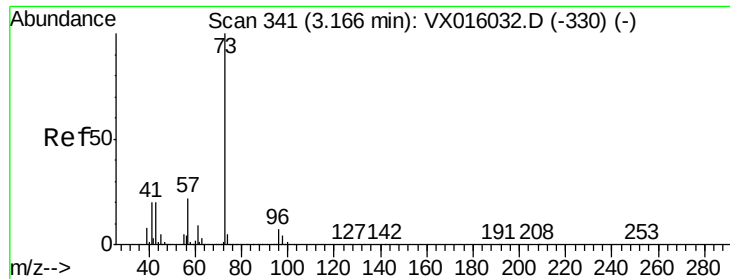
0

2.75

2.80

Time-->





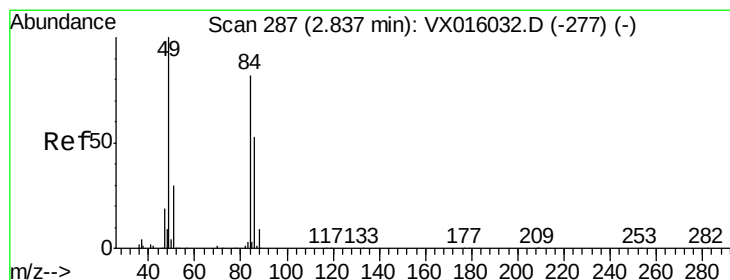
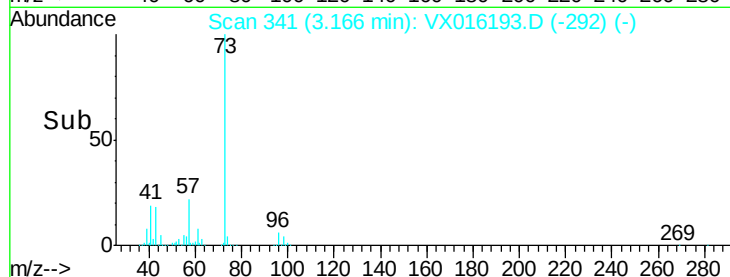
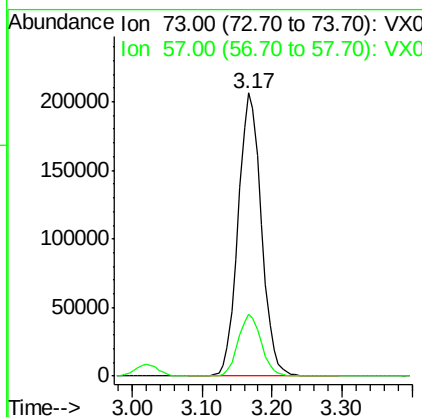
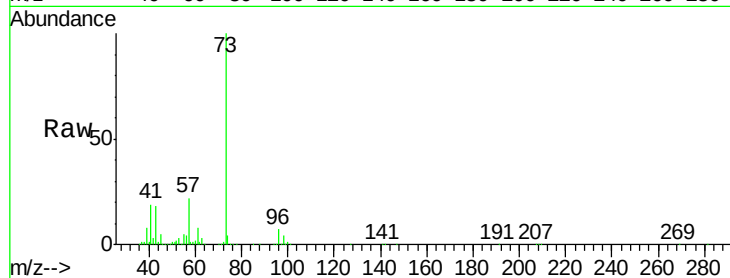
#19
Methyl tert-butyl Ether
Concen: 49.572 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.6

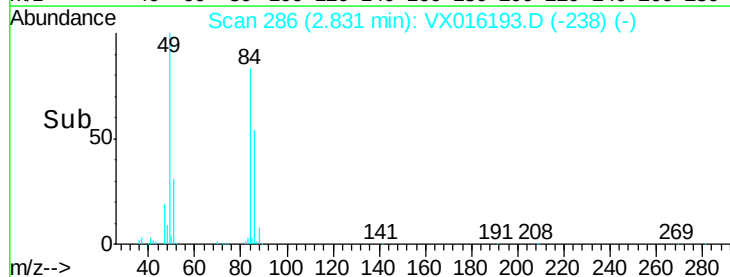
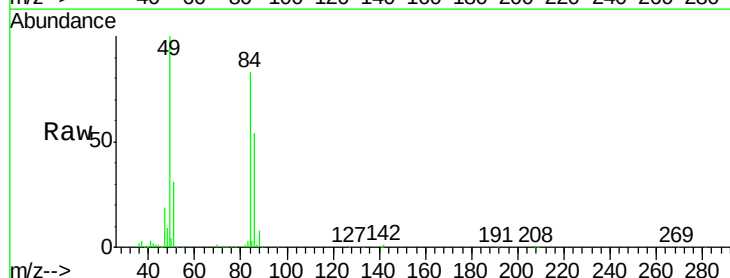
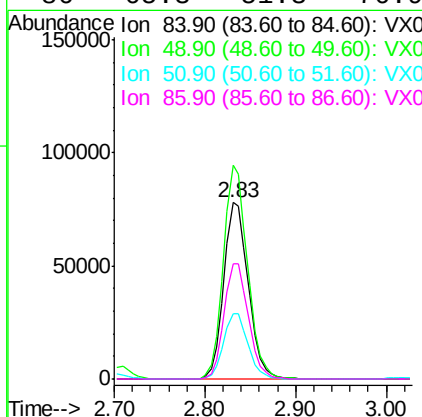
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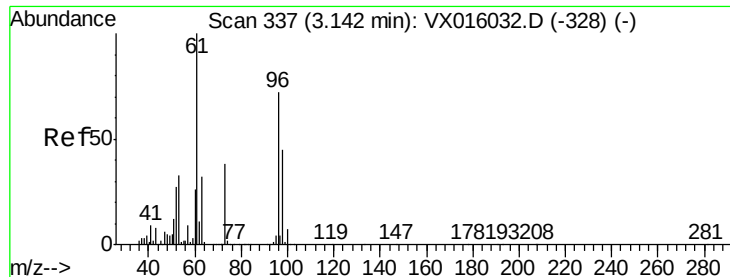
MMDadoda
5/14/2020 12:16:00 PM



#20
Methylene Chloride
Concen: 45.403 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	97.3	145.9
51	37.1	29.3	43.9
86	65.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.085 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

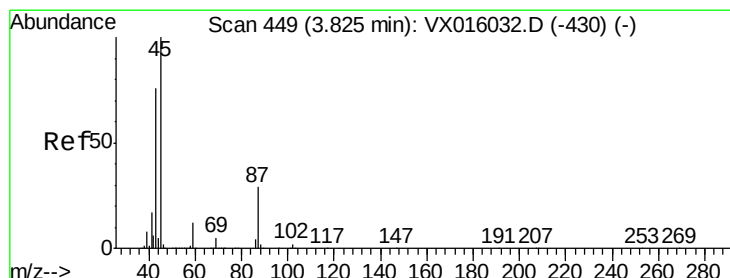
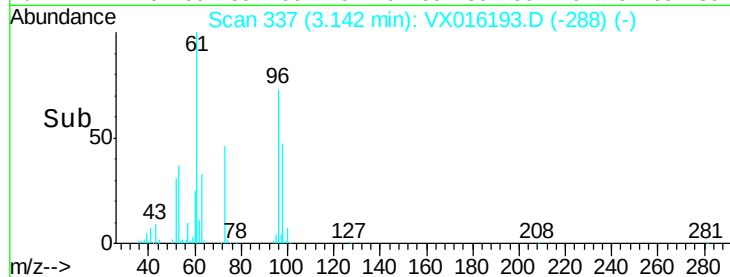
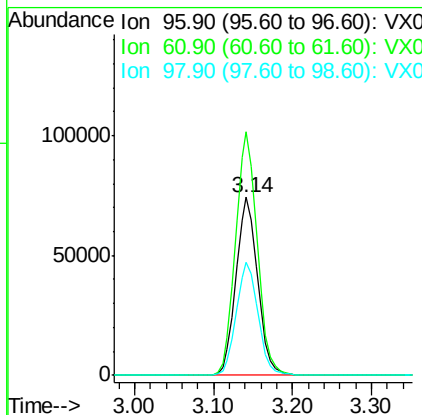
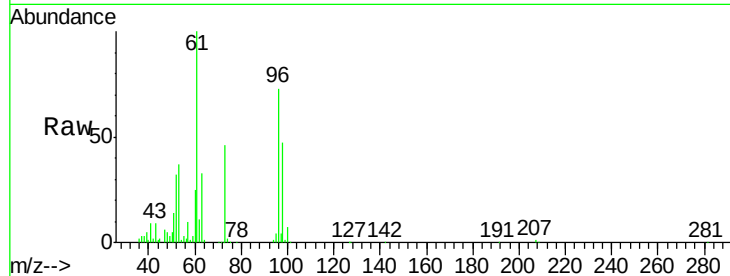
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	142694
Ion	Ratio	Lower	Upper
96	100		
61	137.0	111.2	166.8
98	63.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 47.567 ug/l

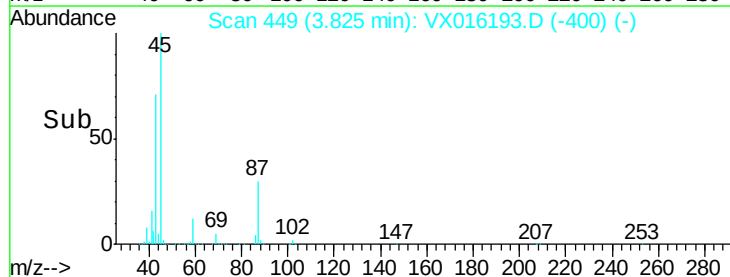
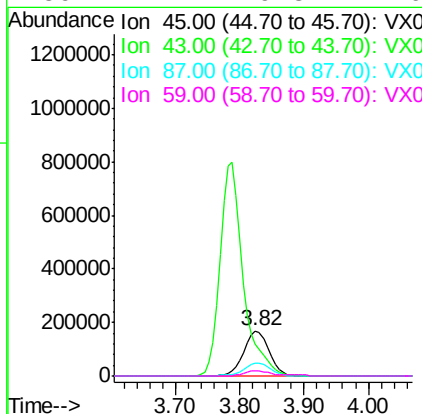
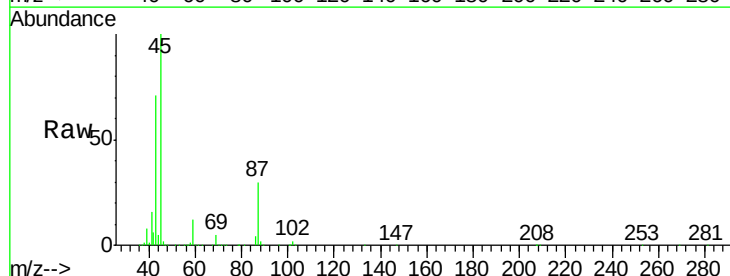
RT: 3.82 min Scan# 449

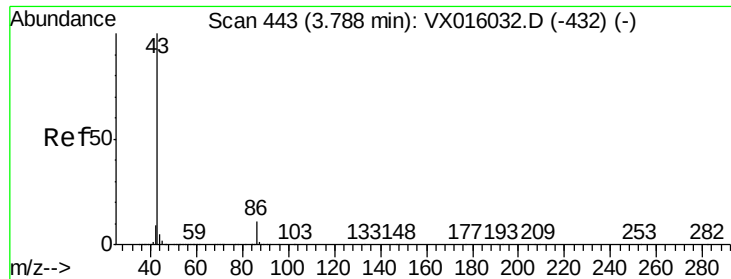
Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	45	Resp:	457172
Ion	Ratio	Lower	Upper
45	100		
43	70.7	61.1	91.7
87	29.7	23.0	34.6
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 239.002 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2020942

Ion Ratio Lower Upper

43 100

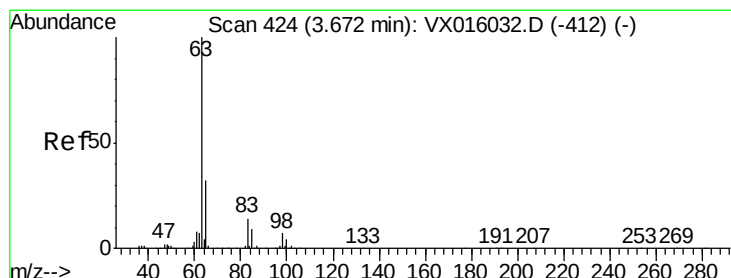
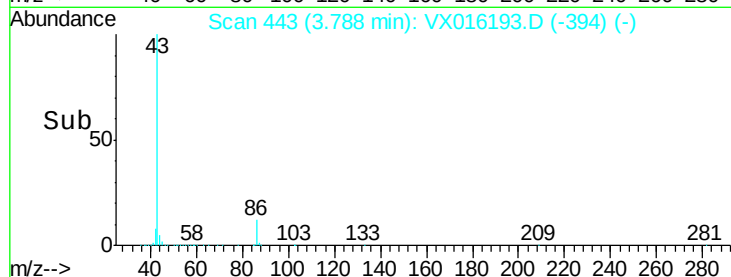
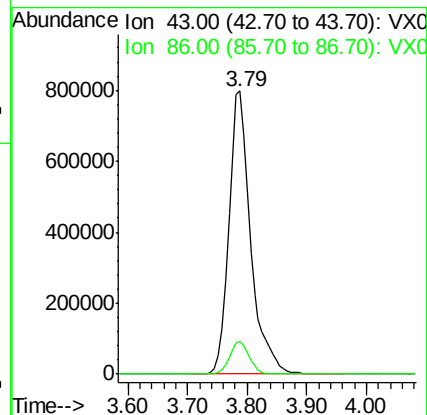
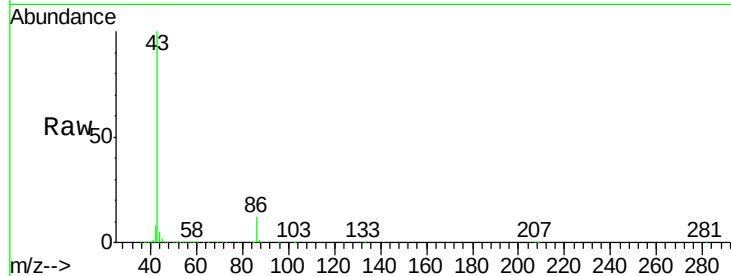
86 11.6 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.425 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

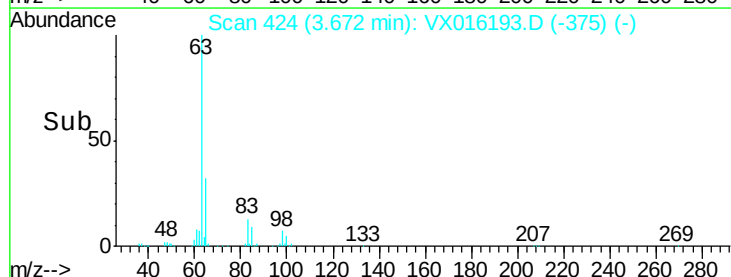
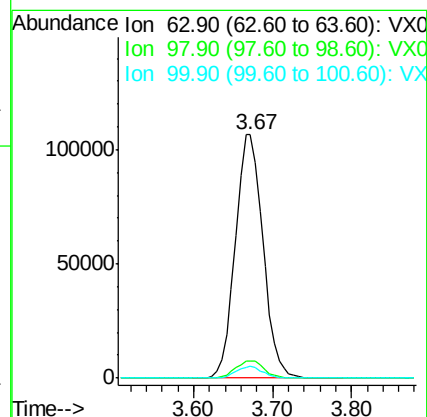
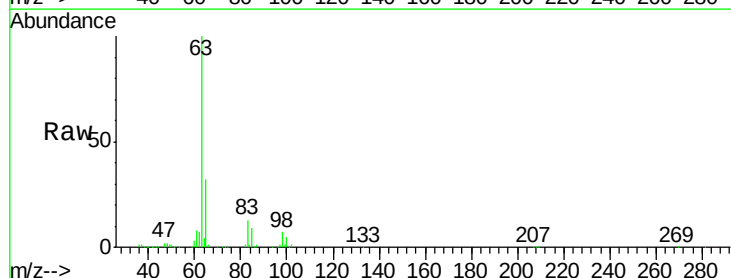
Tgt Ion: 63 Resp: 260358

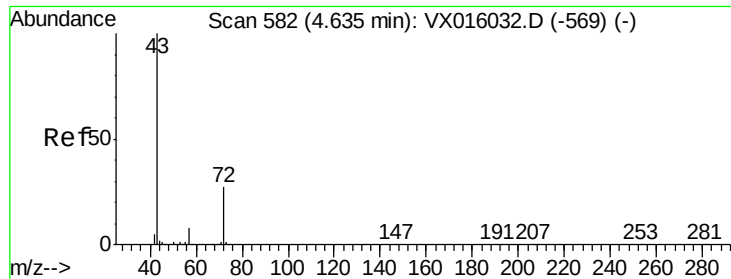
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 5.0 2.1 6.5





#25

2-Butanone

Concen: 237.013 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 599383

Ion Ratio Lower Upper

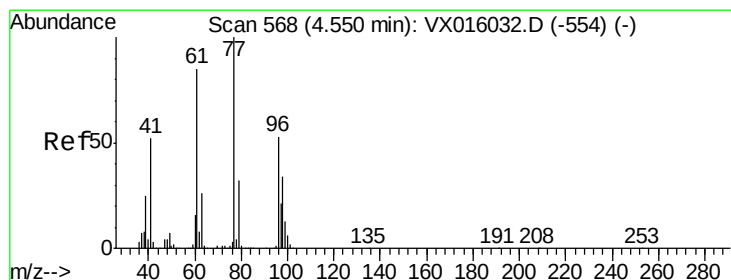
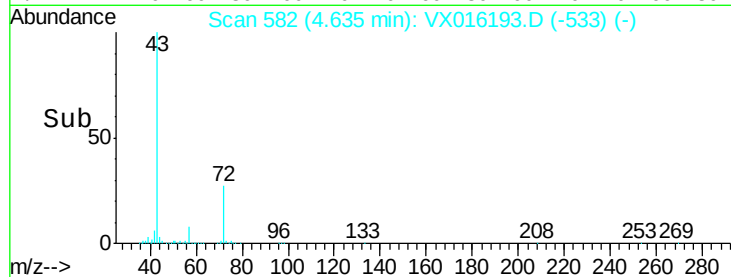
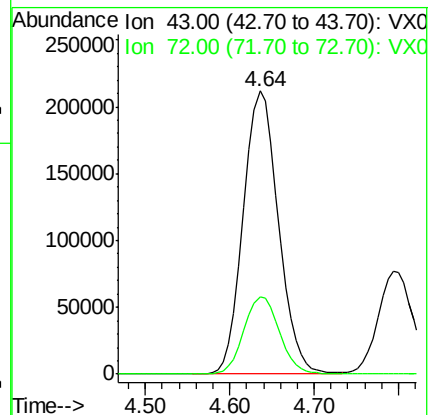
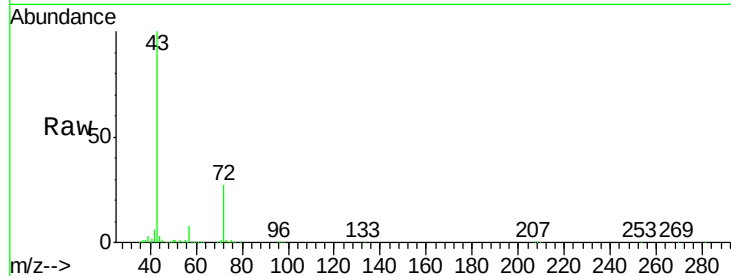
43 100

72 27.1 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 41.706 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016193.D

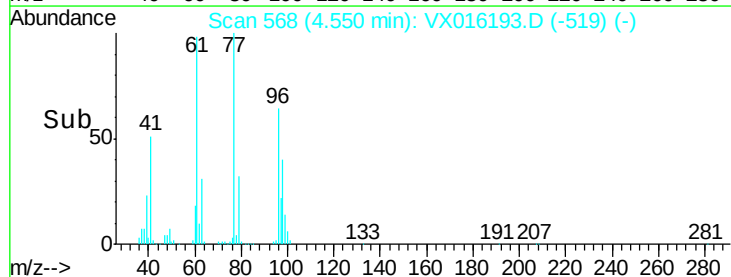
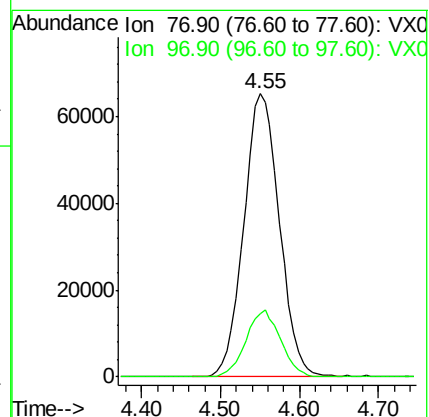
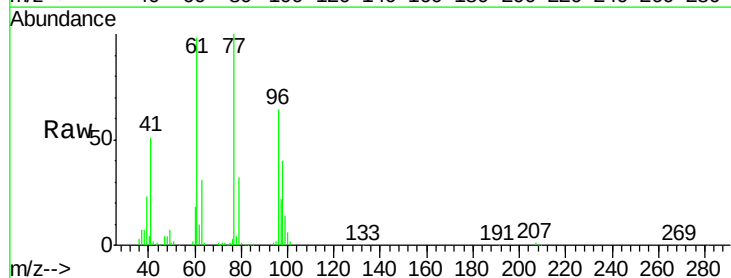
Acq: 13 May 2020 20:22

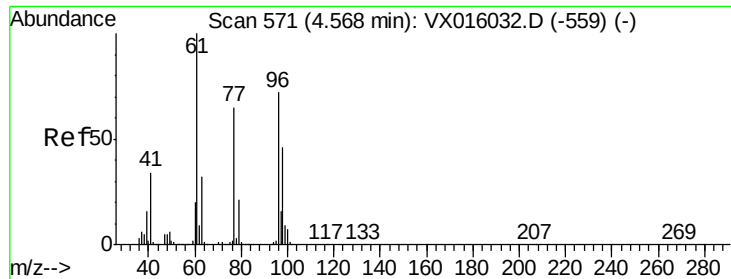
Tgt Ion: 77 Resp: 204779

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6





#27

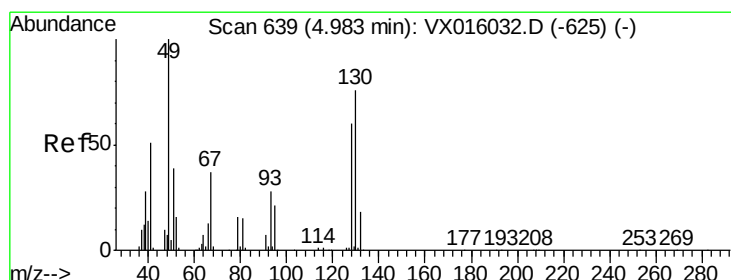
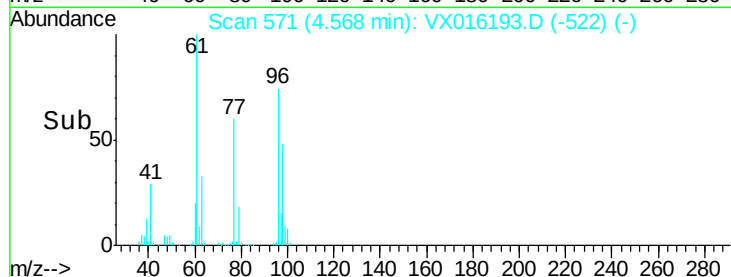
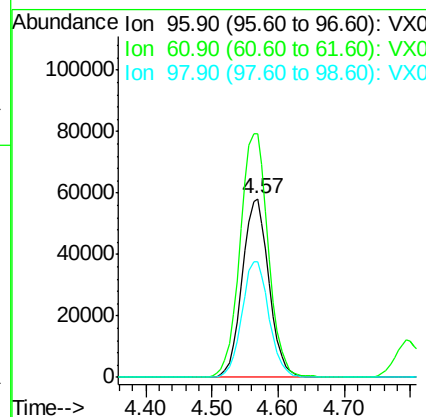
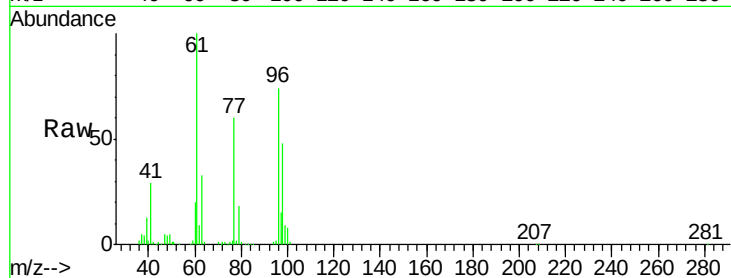
cis-1,2-Dichloroethene
Concen: 48.158 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163016		
61	144.2	0.0	296.2	
98	65.6	0.0	129.4	

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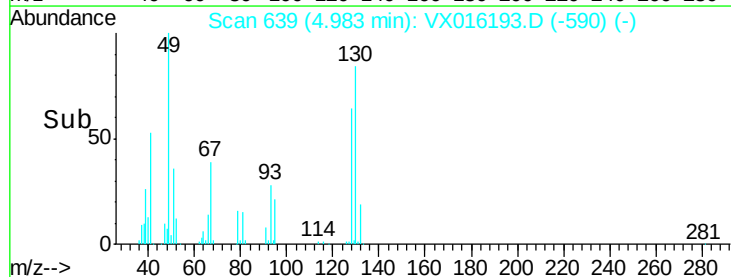
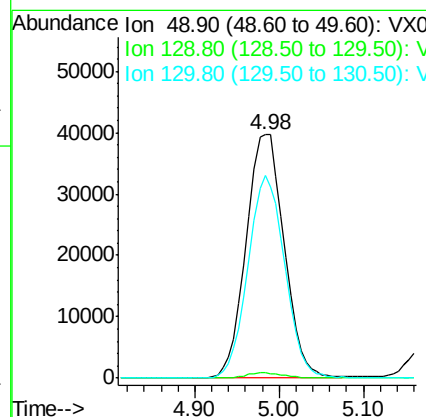
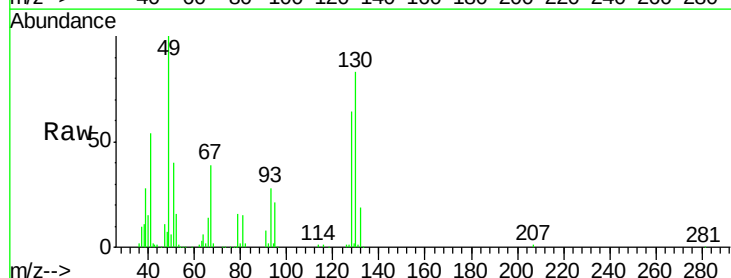
MMDadoda
5/14/2020 12:16:00 PM

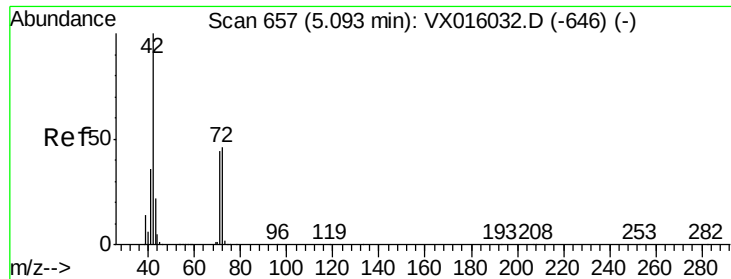


#28

Bromochloromethane
Concen: 49.742 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121948		
129	2.1	0.0	4.0	
130	80.6	62.4	93.6	





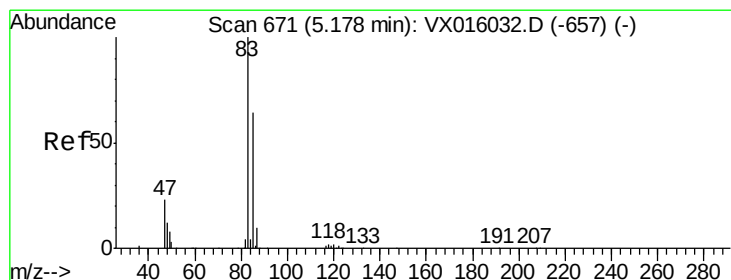
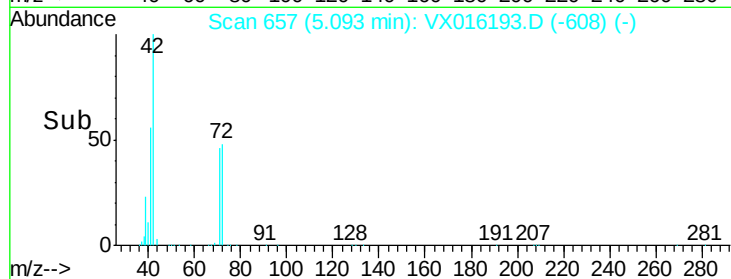
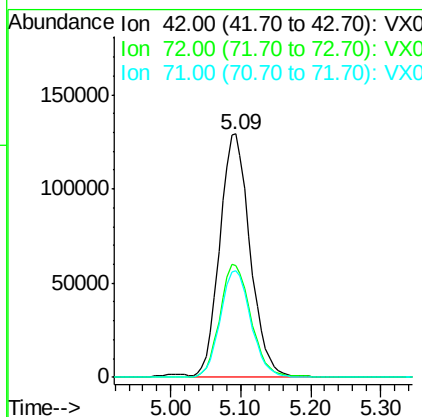
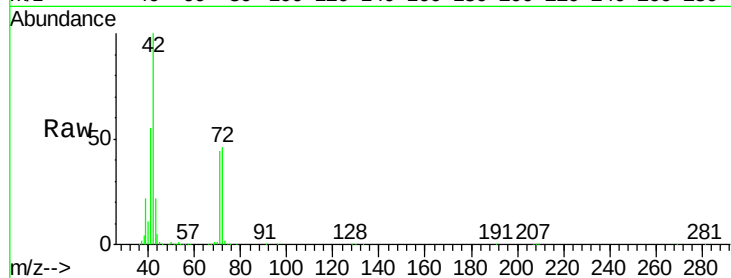
#29
Tetrahydrofuran
Concen: 232.103 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.1	55.7
71	44.3	34.5	51.7

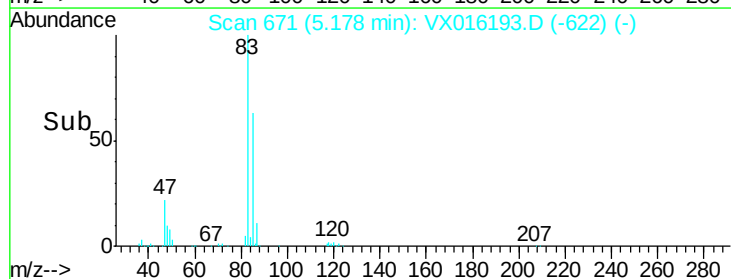
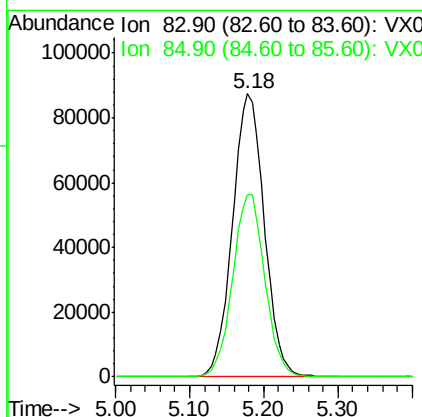
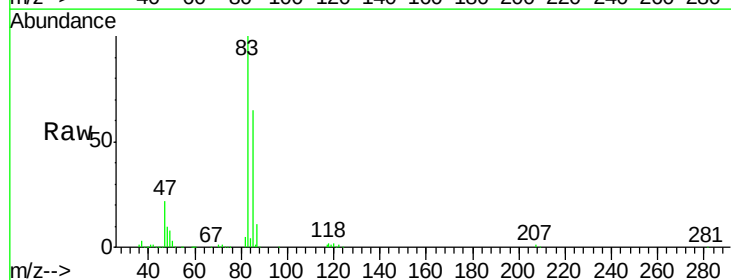
Manual Integrations
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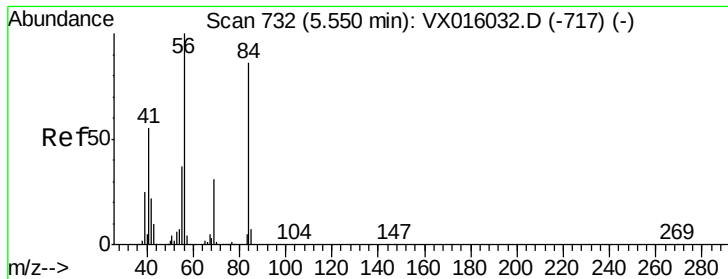
MMDadoda
5/14/2020 12:16:00 PM



#30
Chloroform
Concen: 48.886 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





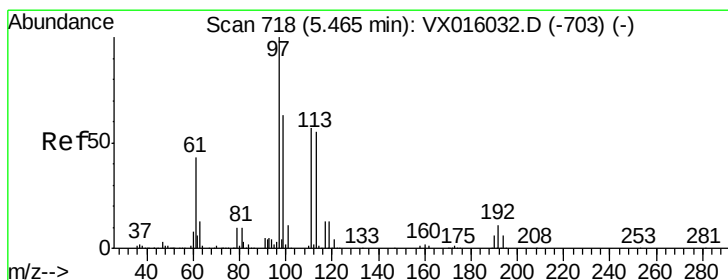
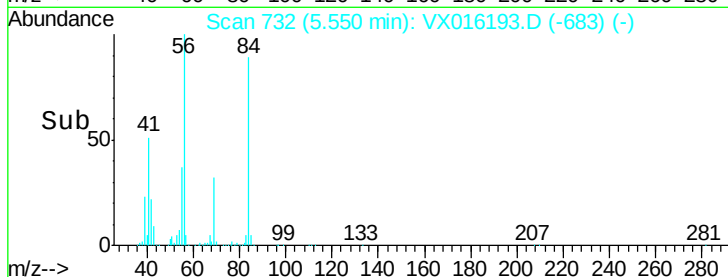
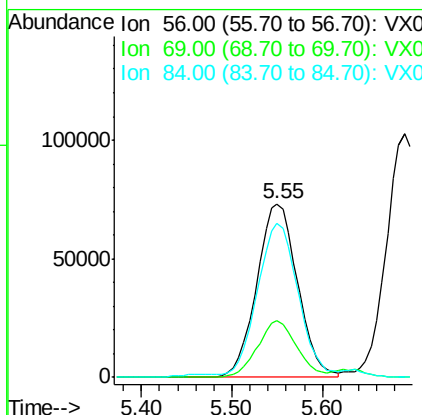
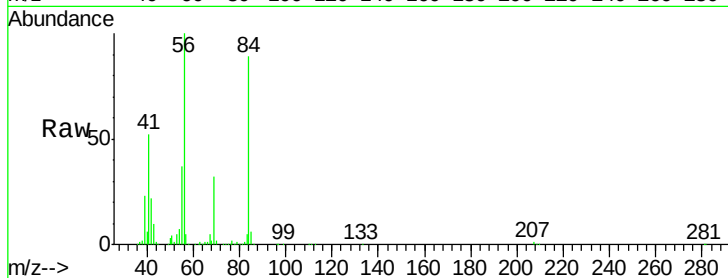
#31
Cyclohexane
Concen: 46.637 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.0	37.6
84	87.3	69.0	103.6

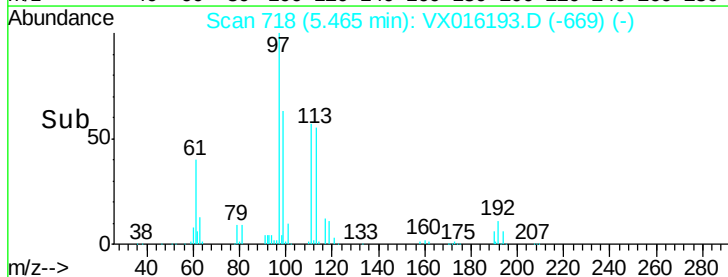
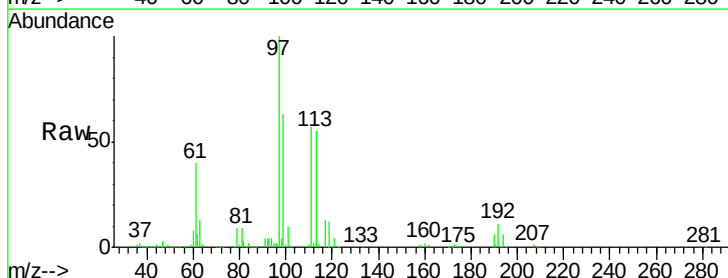
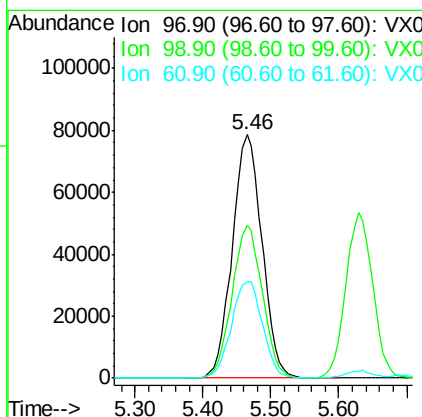
Manual Integrations
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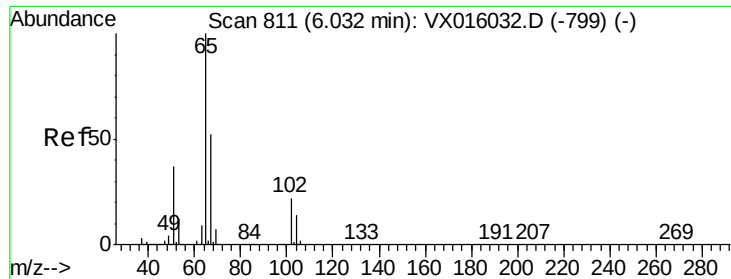
MMDadoda
5/14/2020 12:16:00 PM



#32
1,1,1-Trichloroethane
Concen: 49.045 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	41.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 44.703 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 157233

Ion Ratio Lower Upper

65 100

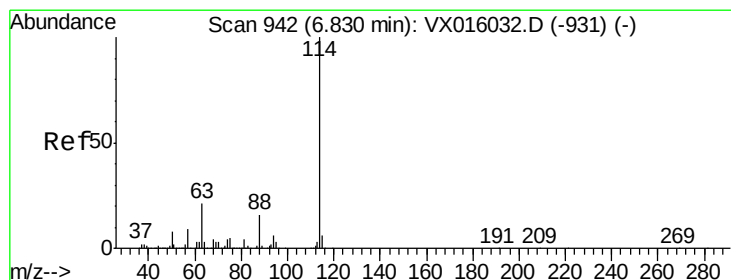
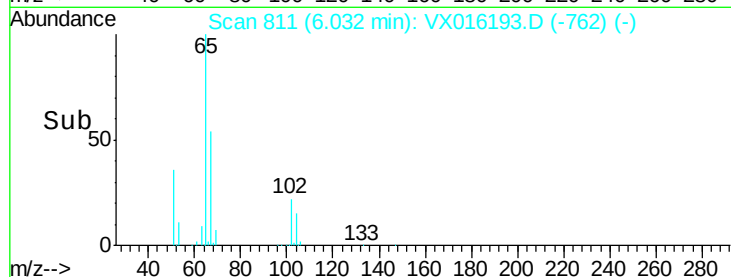
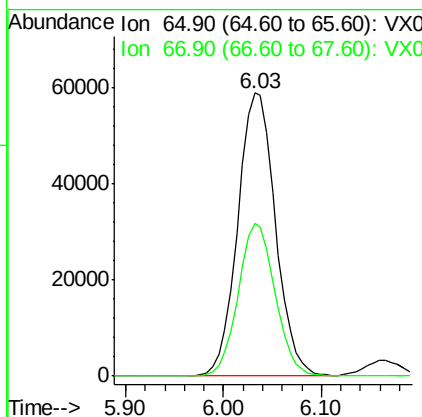
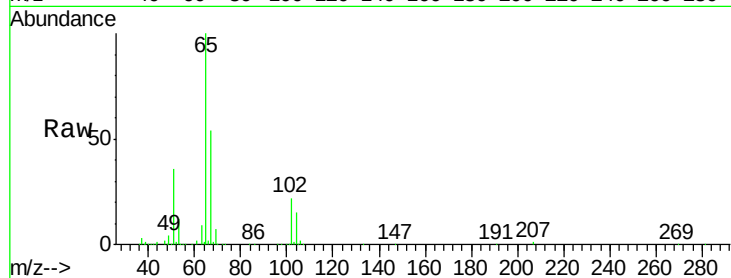
67 52.8 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

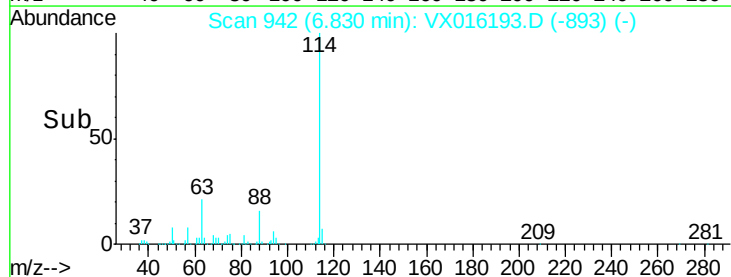
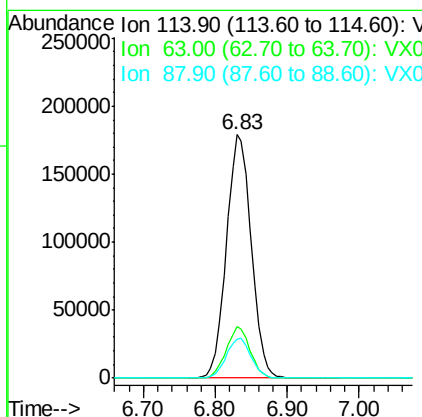
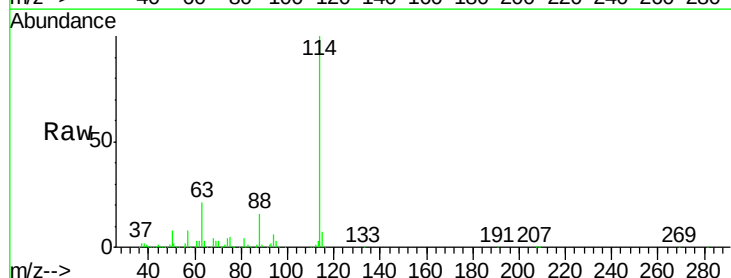
Tgt Ion: 114 Resp: 429365

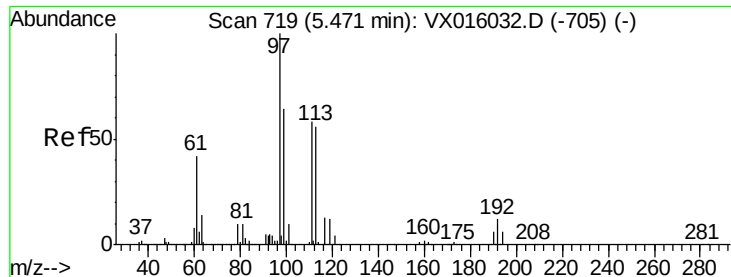
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 16.0 0.0 31.4





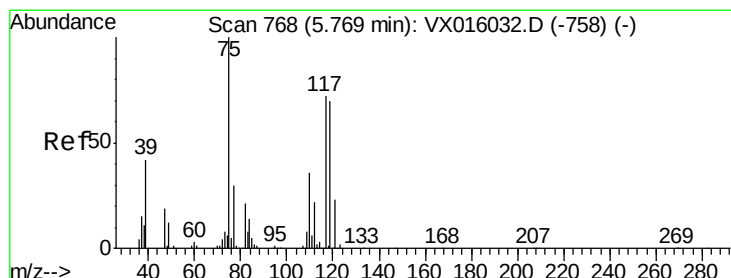
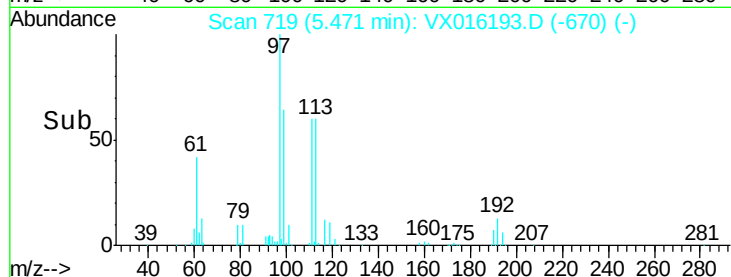
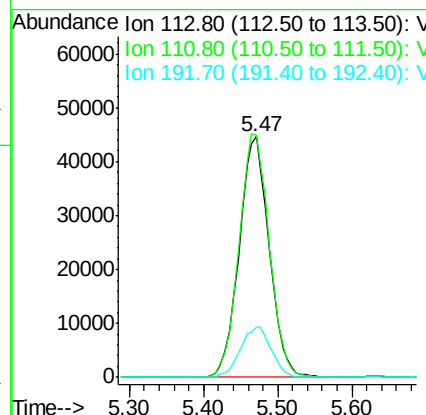
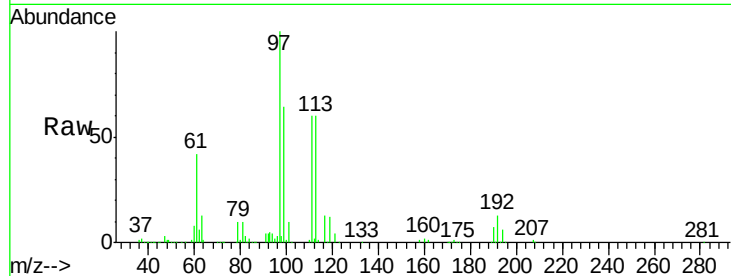
#35
 Dibromofluoromethane
 Concen: 46.296 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125934		
111	102.6	81.6	122.4	
192	21.6	17.0	25.4	

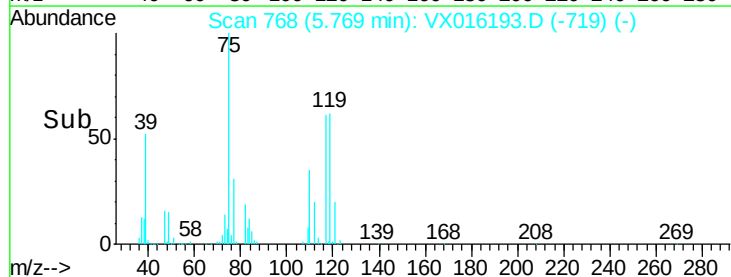
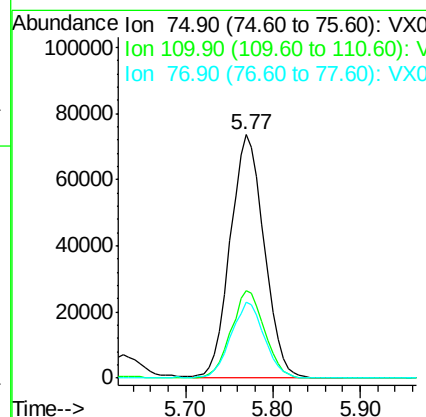
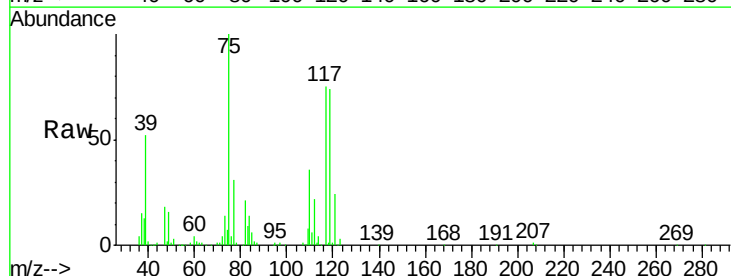
Manual Integrations
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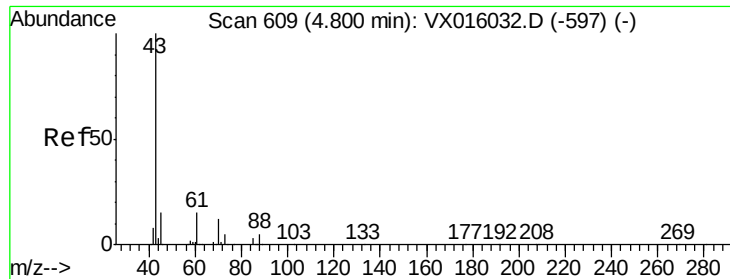
MMDadoda
 5/14/2020 12:16:00 PM



#36
 1,1-Dichloropropene
 Concen: 46.743 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	197558		
110	35.7	18.1	54.1	
77	31.2	25.0	37.6	





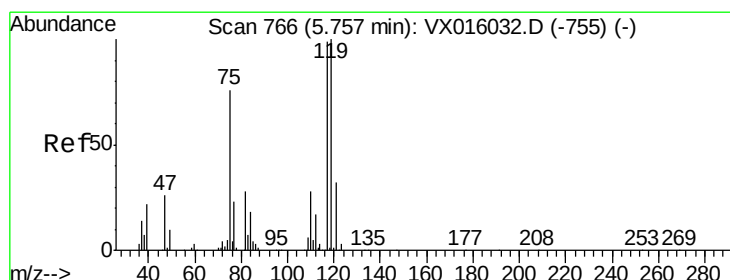
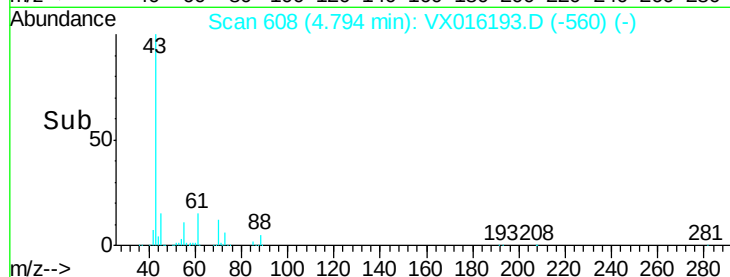
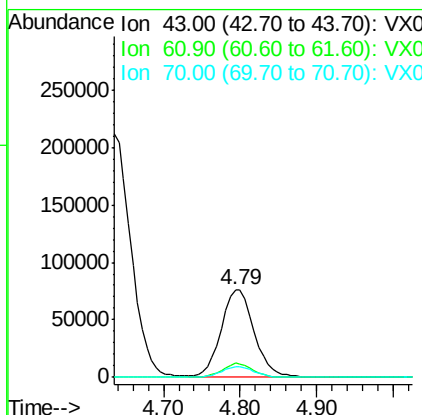
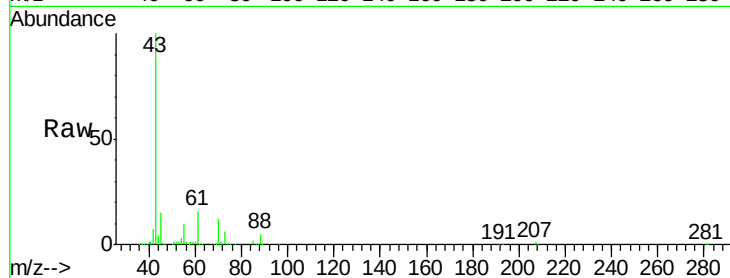
#37
Ethyl Acetate
Concen: 45.991 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	225294
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	12.1	9.3	13.9

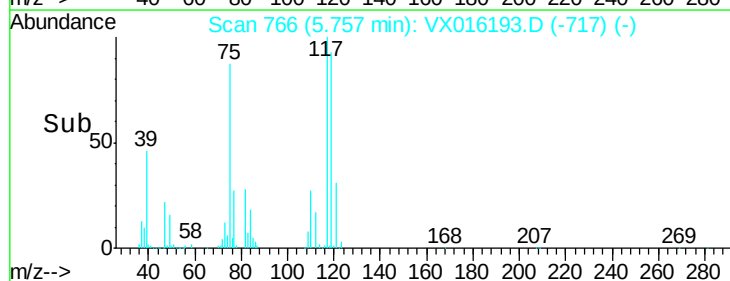
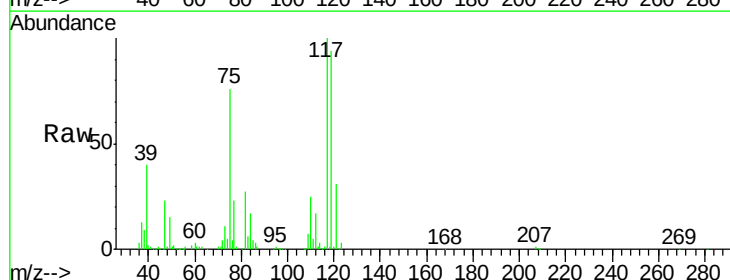
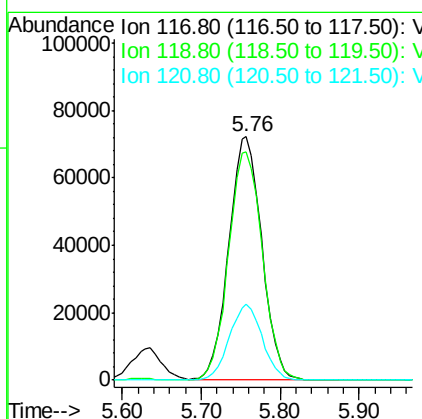
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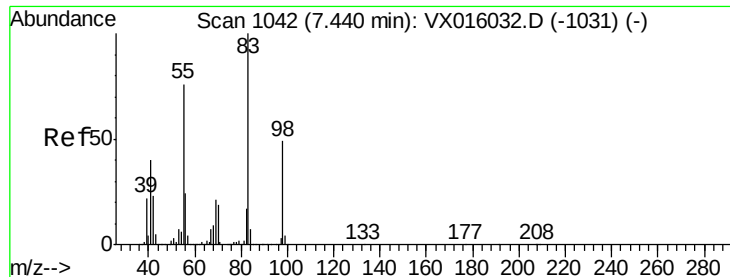
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.841 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:	117	Resp:	209818
Ion	Ratio	Lower	Upper
117	100		
119	94.0	80.3	120.5
121	31.4	25.7	38.5





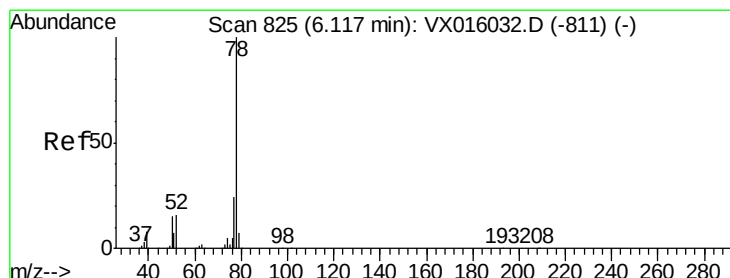
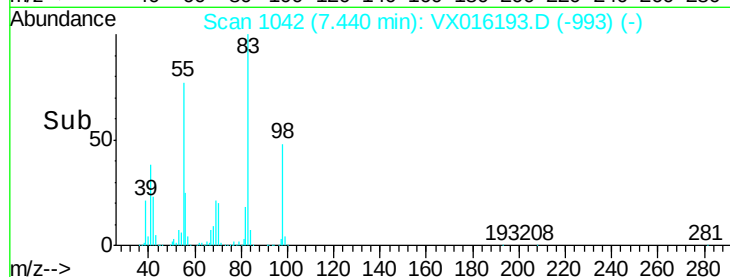
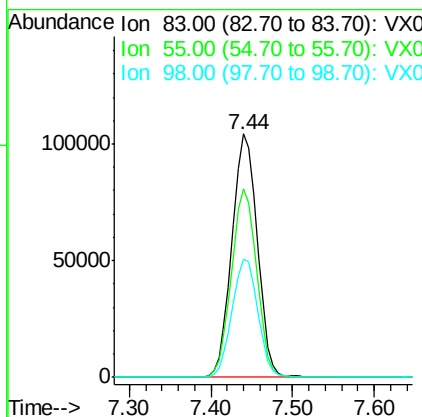
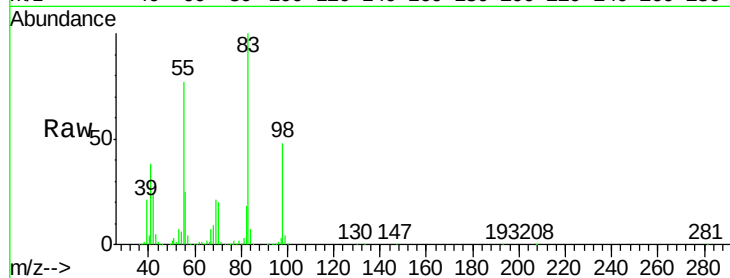
#39
Methylvlcyclohexane
Concen: 43.879 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.1	91.7
98	48.4	39.0	58.4

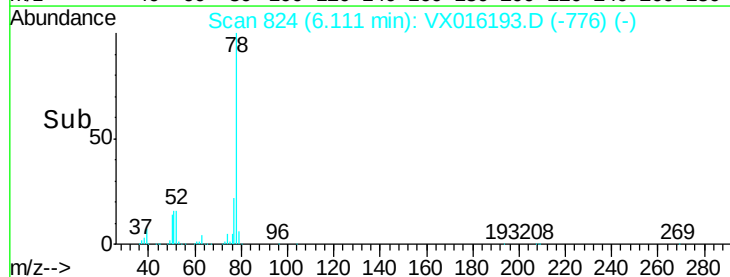
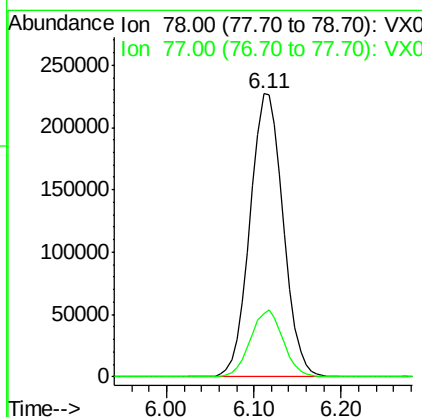
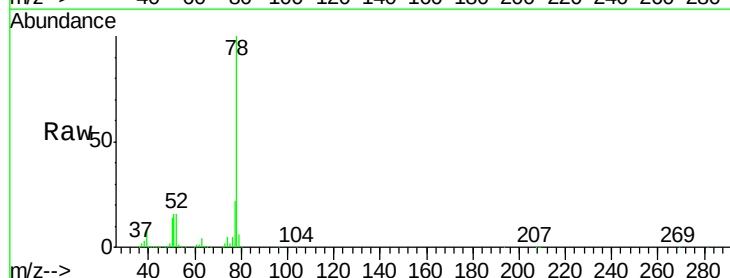
Manual Integrations
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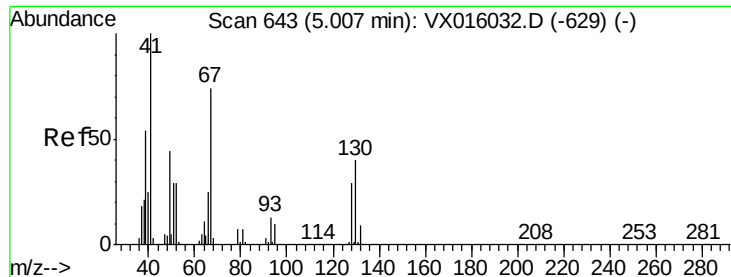
MMDadoda
5/14/2020 12:16:00 PM



#40
Benzene
Concen: 48.557 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.0	28.4





#41

Methacrylonitrile

Concen: 45.979 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 121638

Ion Ratio Lower Upper

41 100

39 54.6 43.2 64.8

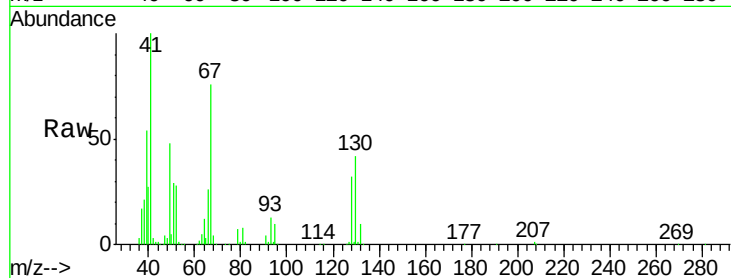
67 77.5 59.3 88.9

52 29.5 23.5 35.3

Manual Integrations
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MMDadoda

5/14/2020 12:16:00 PM

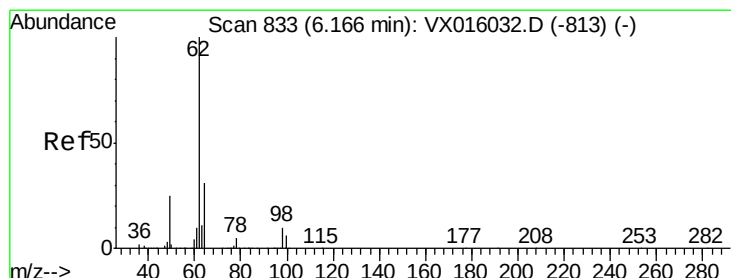
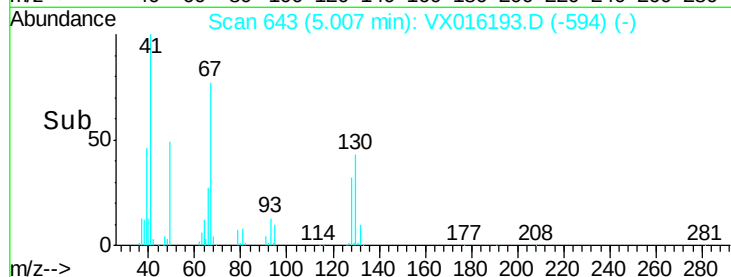
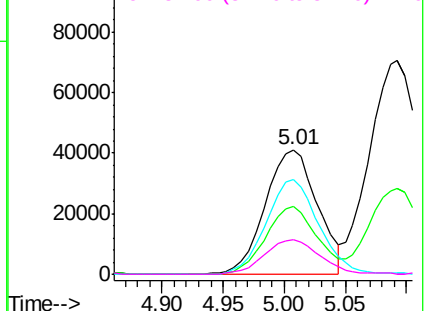


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.603 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX016193.D

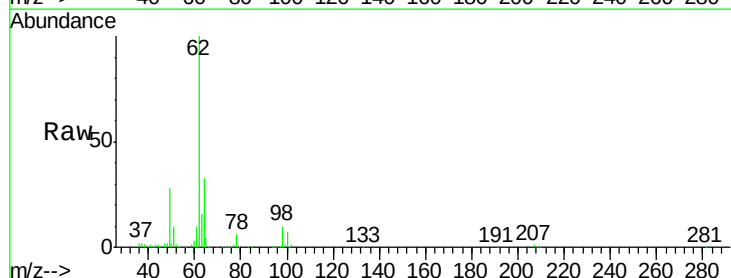
Acq: 13 May 2020 20:22

Tgt Ion: 62 Resp: 207606

Ion Ratio Lower Upper

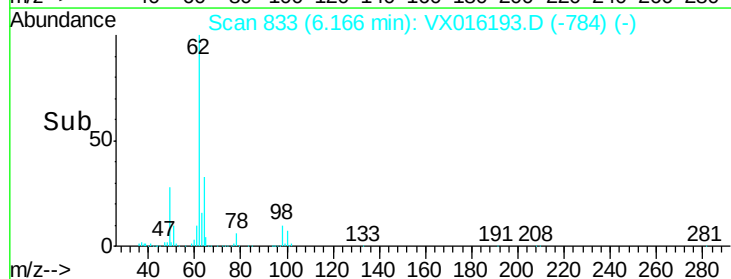
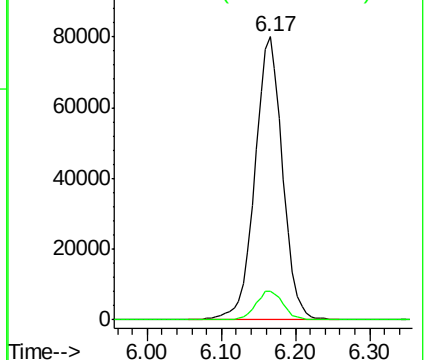
62 100

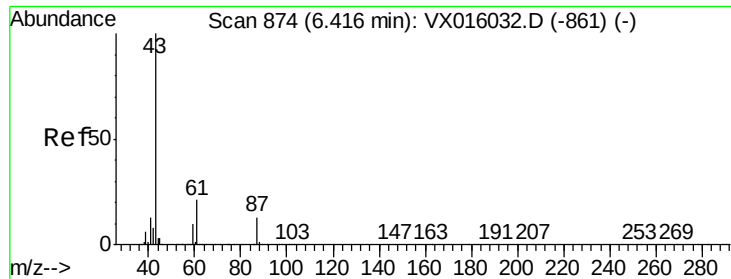
98 10.1 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.019 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

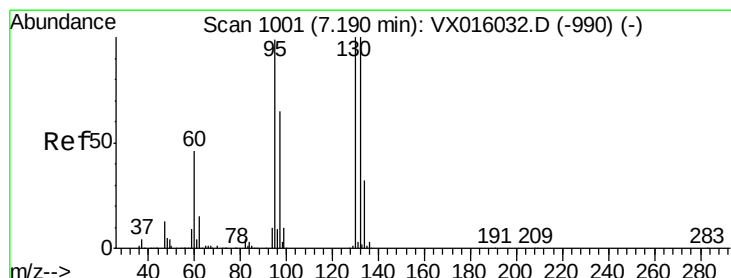
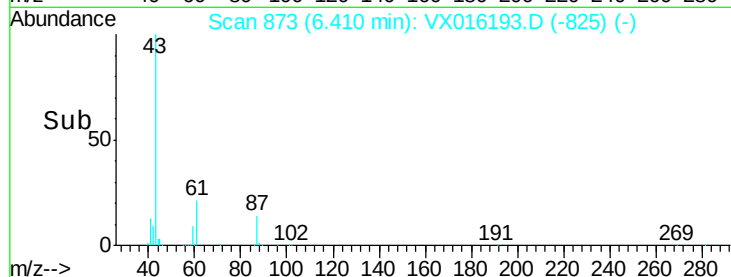
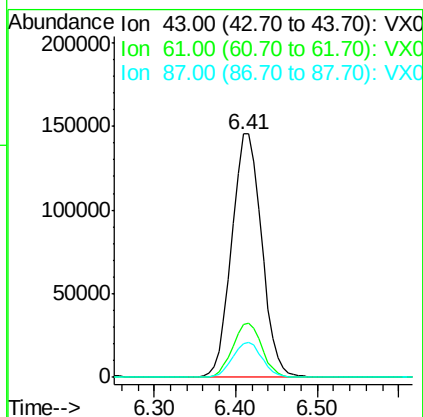
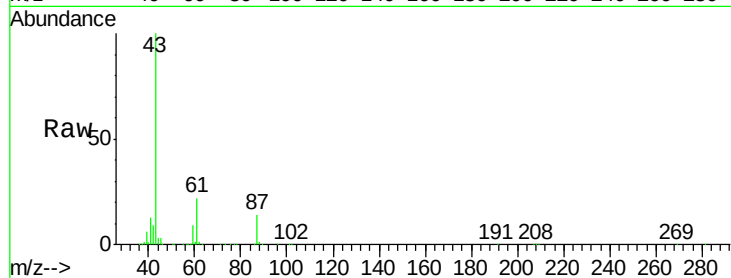
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	367500
Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.0	25.4
87	14.2	11.0	16.6

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#44

Trichloroethene

Concen: 45.154 ug/l

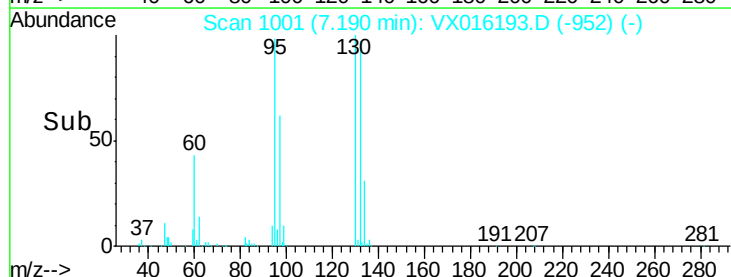
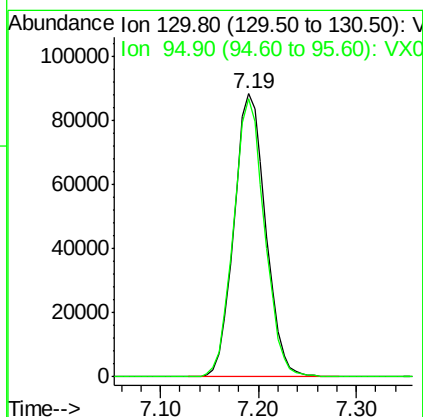
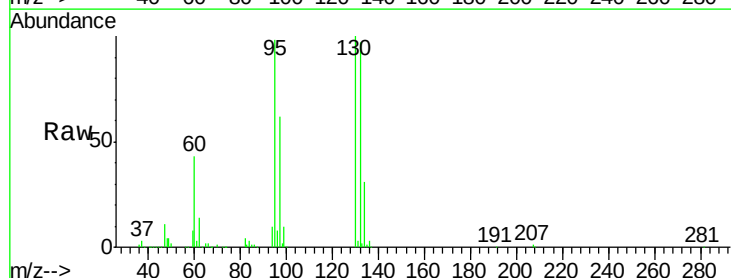
RT: 7.19 min Scan# 1001

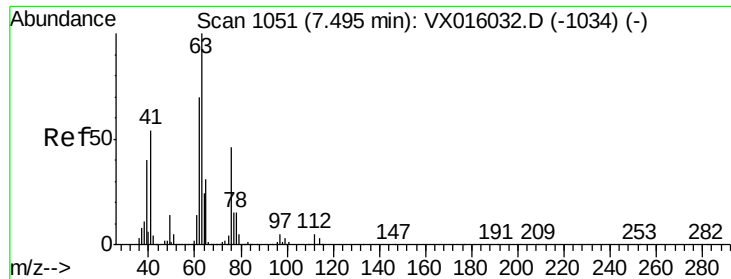
Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	130	Resp:	198377
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	197.4





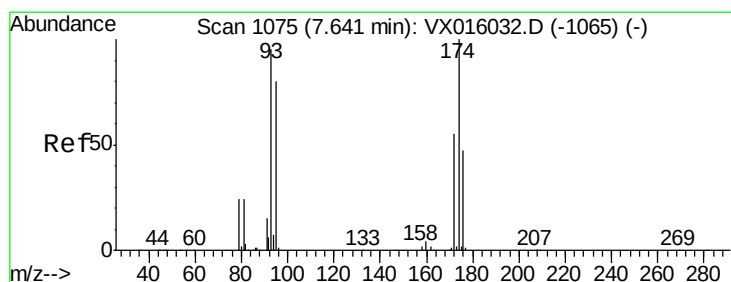
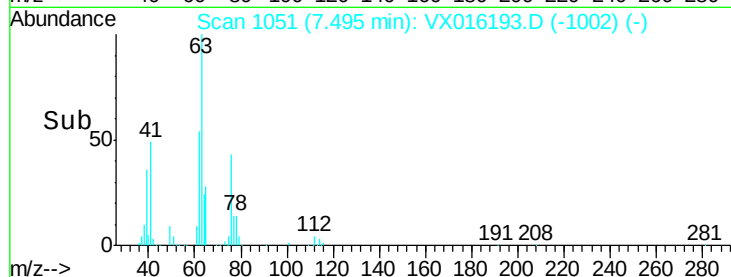
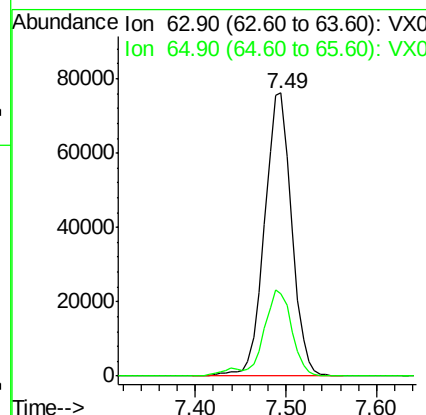
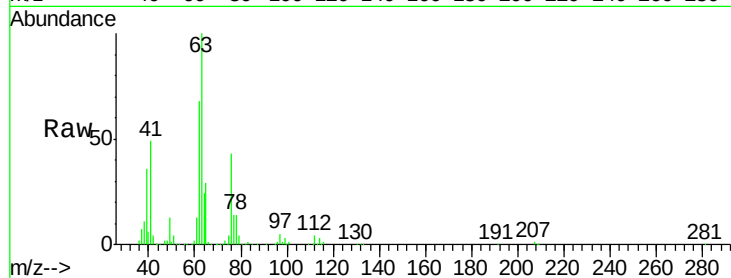
#45
 1,2-Dichloropropane
 Concen: 50.384 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	157660		
65	29.1		24.4	36.6

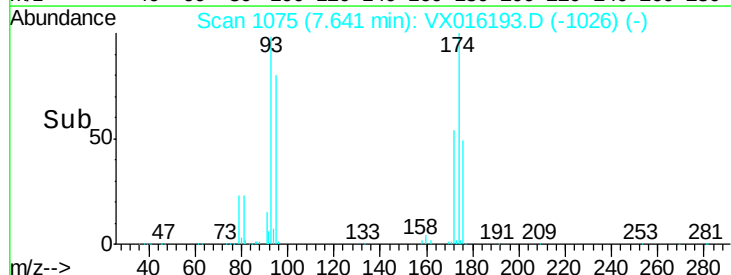
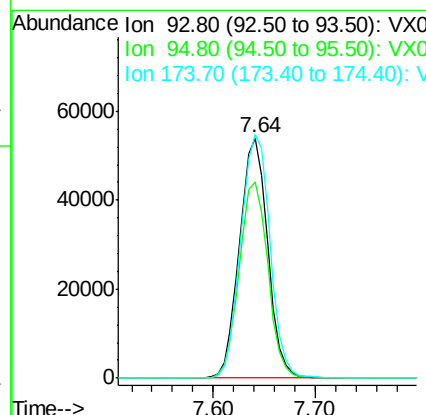
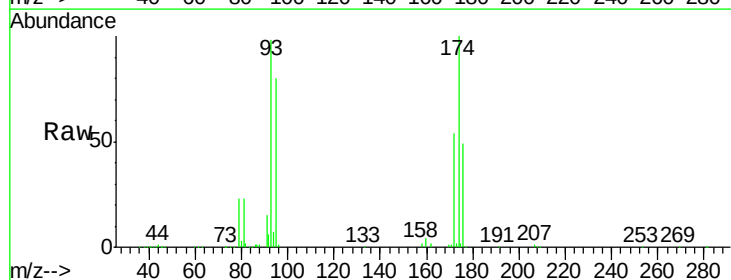
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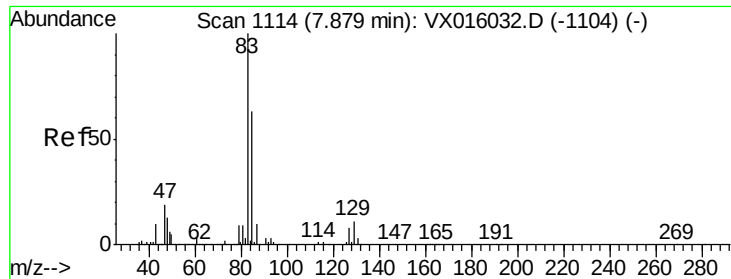
MMDadoda
 5/14/2020 12:16:00 PM



#46
 Dibromomethane
 Concen: 48.543 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	103226		
95	83.3		66.6	100.0
174	105.6		84.2	126.4





#47

Bromodichloromethane

Concen: 49.790 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

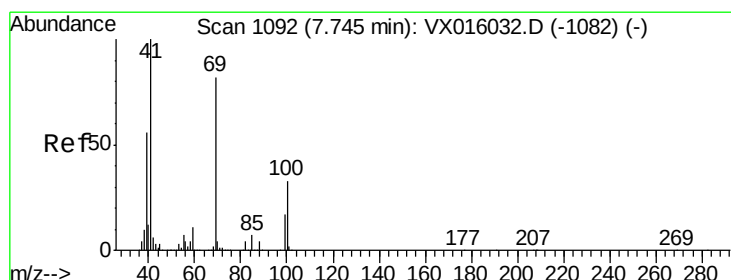
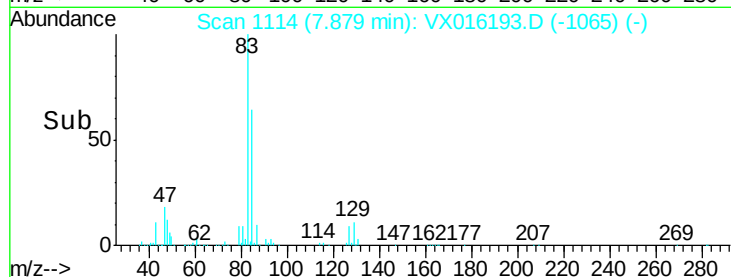
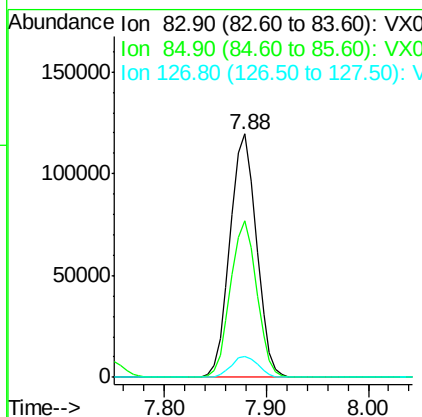
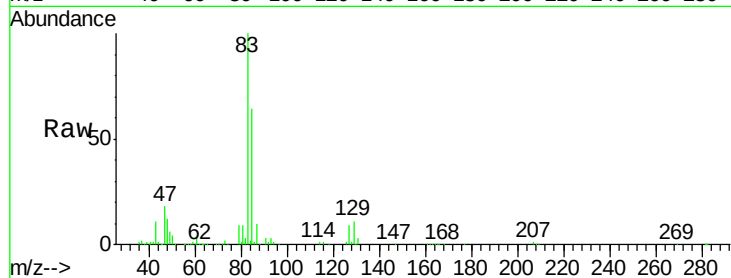
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	215635
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.5	75.7
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.994 ug/l

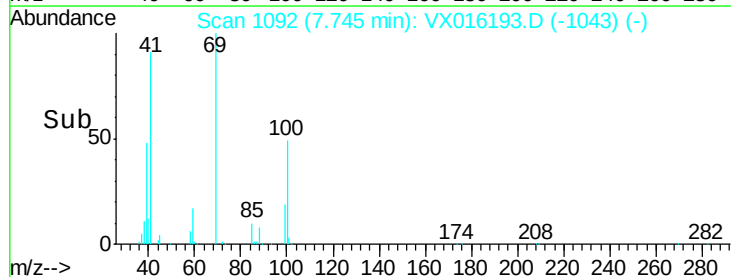
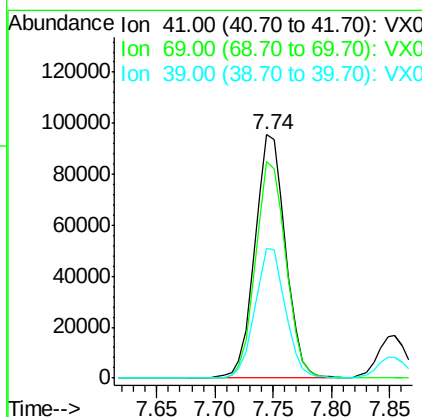
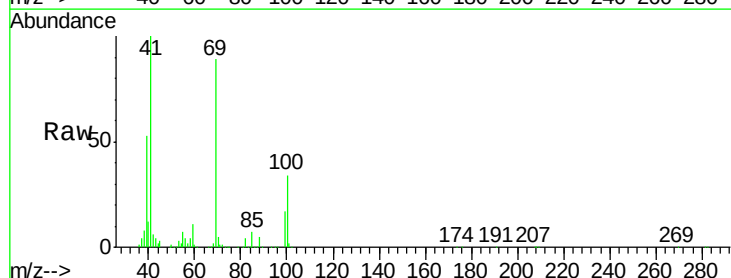
RT: 7.74 min Scan# 1092

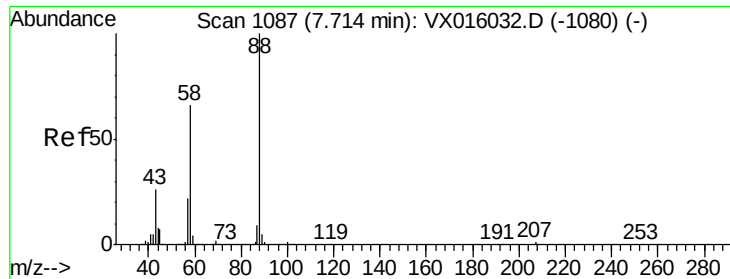
Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	41	Resp:	174044
Ion Ratio	Lower	Upper	
41	100		
69	88.8	67.8	101.6
39	53.0	44.6	67.0





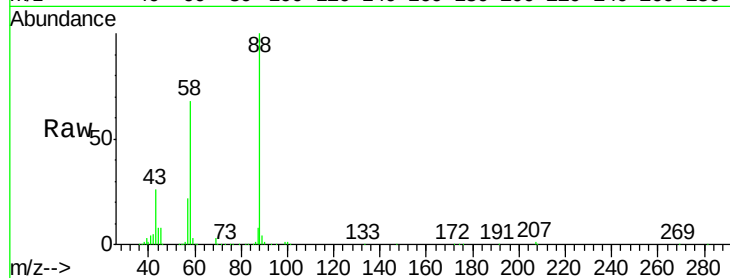
#49
1,4-Dioxane
Concen: 935.392 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	25.3	37.9
58	69.1	55.9	83.9

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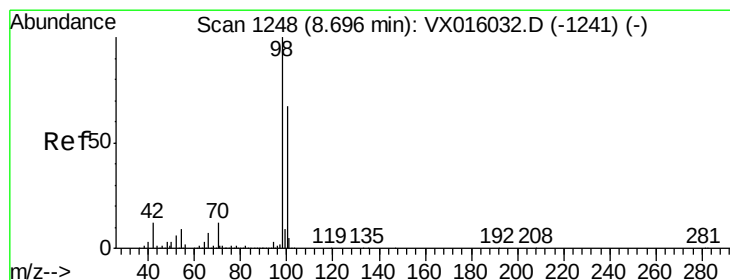
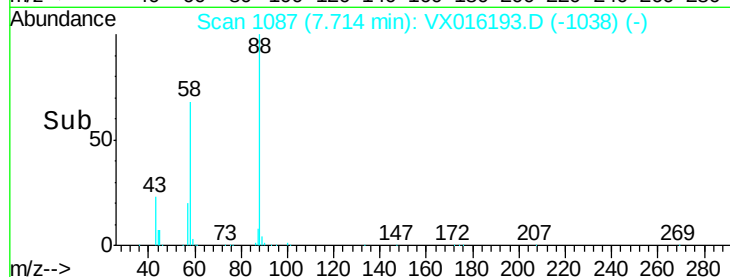
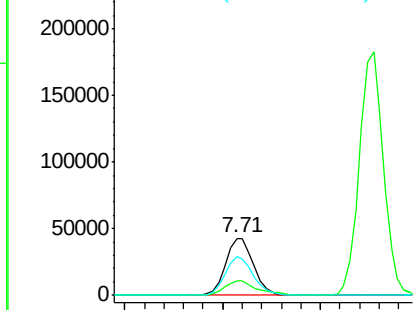


Abundance

Ion 88.00 (87.70 to 88.70): VX0

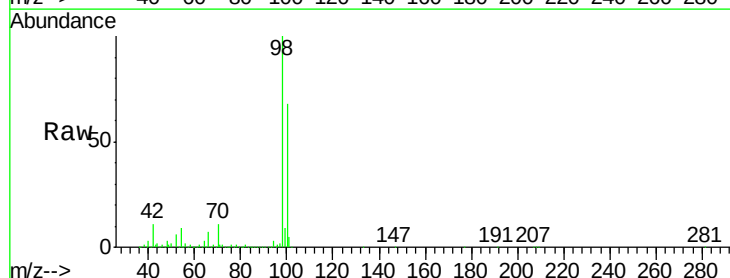
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.051 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

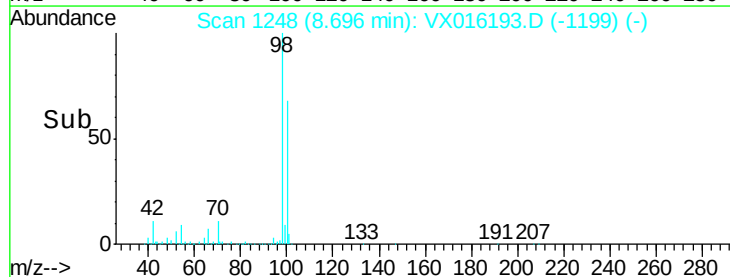
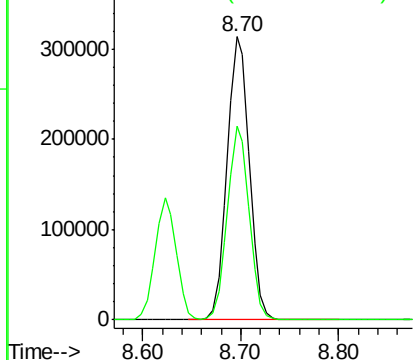
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5

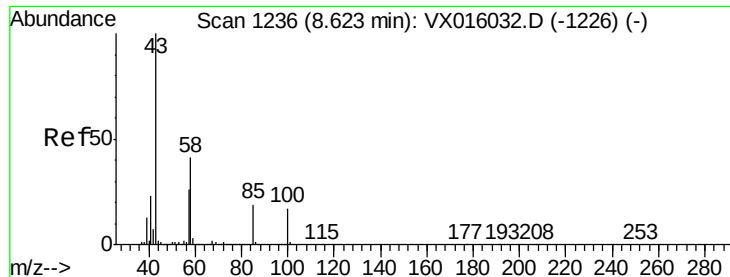


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 241.259 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1153918

Ion Ratio Lower Upper

43 100

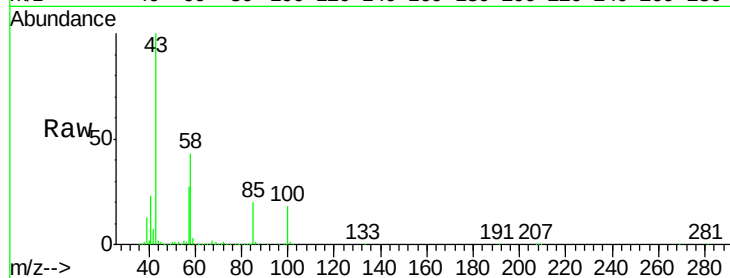
58 42.4 33.0 49.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

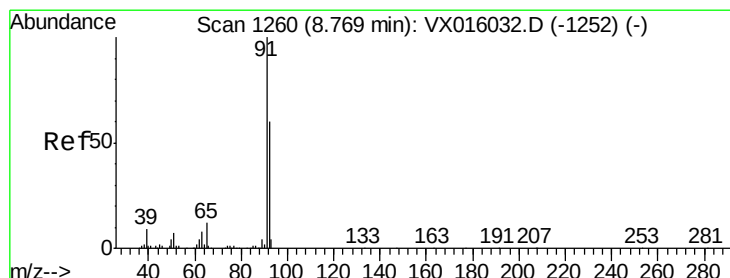
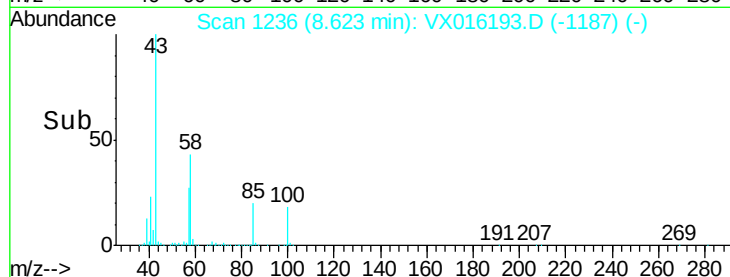
600000

400000

200000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 49.436 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016193.D

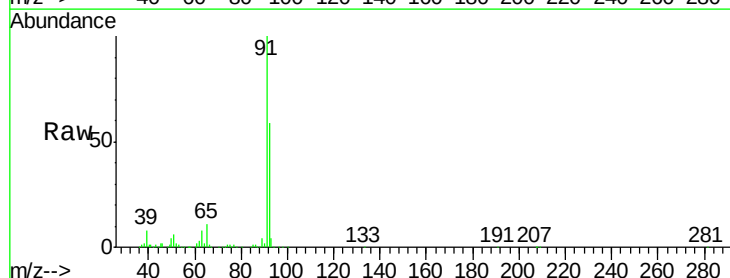
Acq: 13 May 2020 20:22

Tgt Ion: 92 Resp: 381062

Ion Ratio Lower Upper

92 100

91 168.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

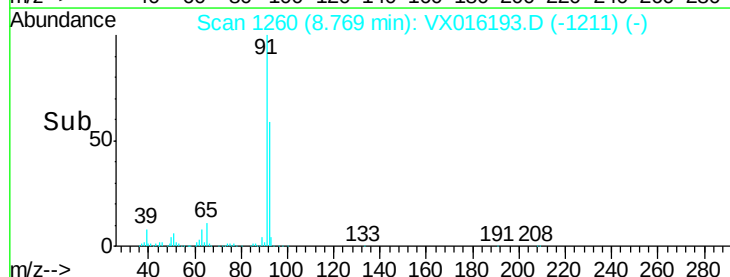
300000

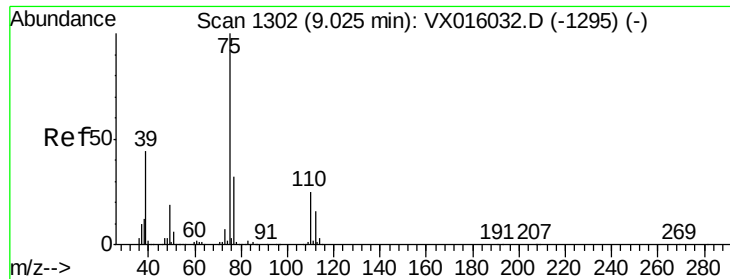
200000

100000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 47.877 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tot Ion: 75 Resp: 247223

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

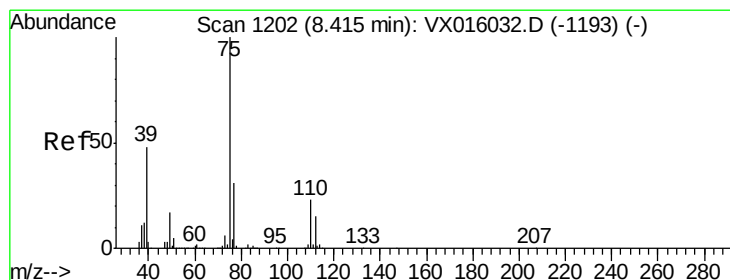
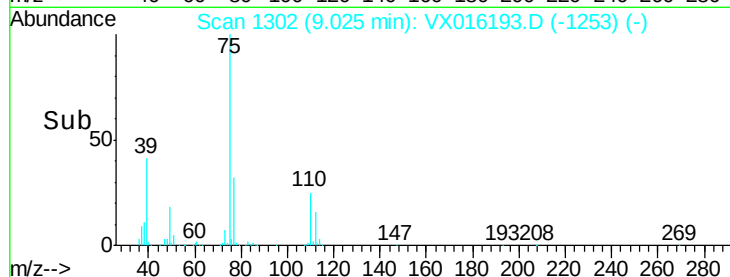
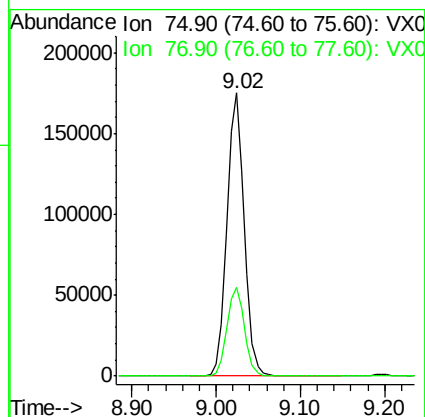
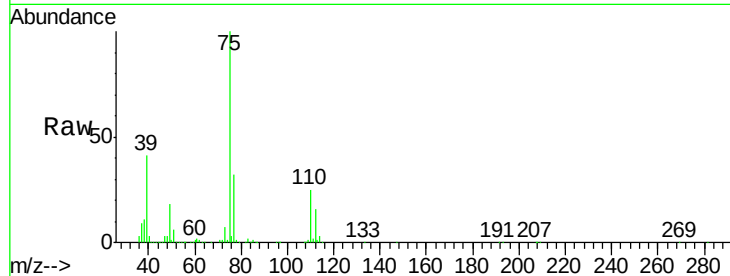
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.622 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

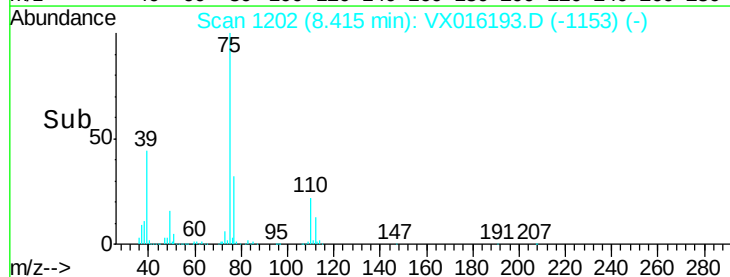
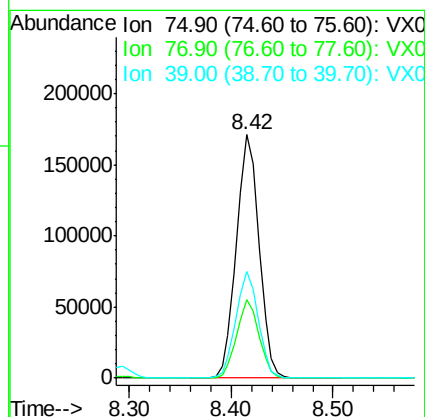
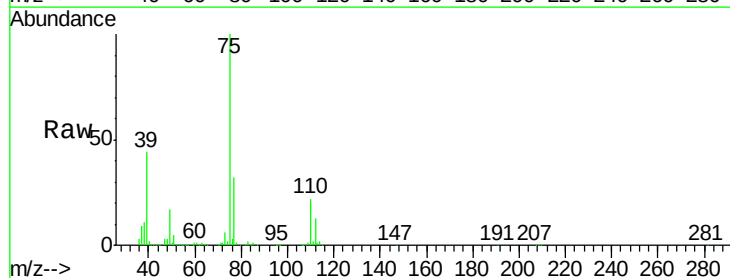
Tgt Ion: 75 Resp: 262250

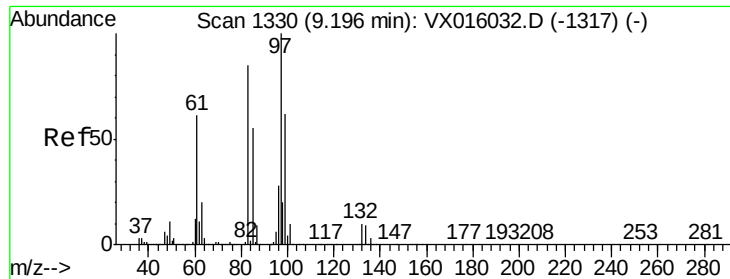
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 43.6 38.7 58.1





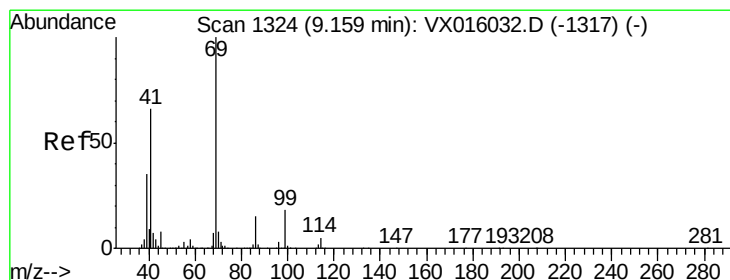
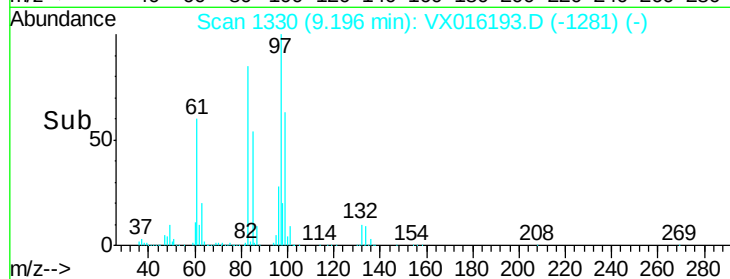
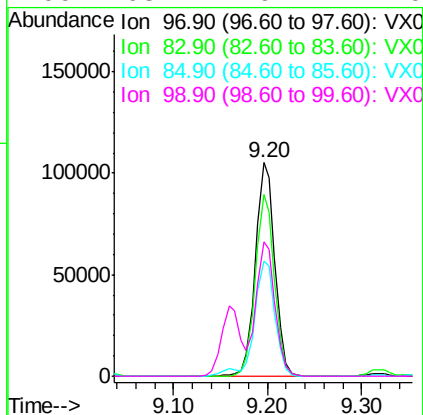
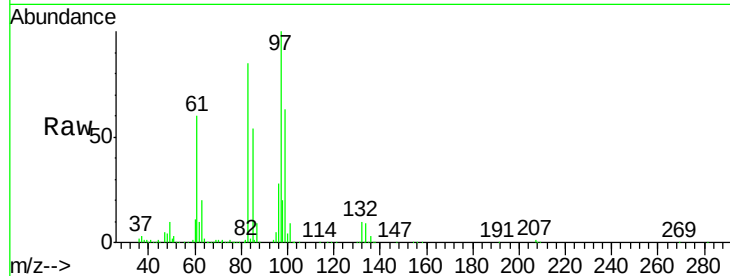
#55
 1,1,2-Trichloroethane
 Concen: 50.626 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	153535
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.8	101.8
85	54.0	43.8	65.8
99	63.2	49.4	74.0

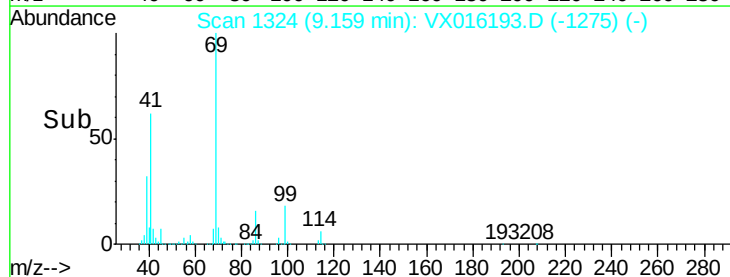
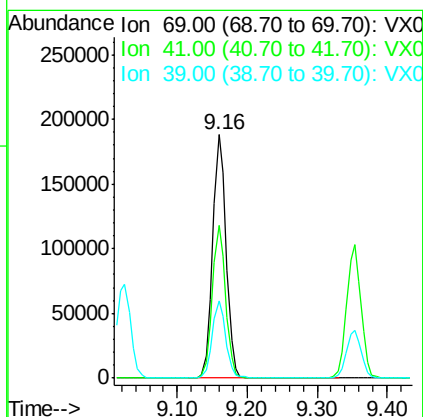
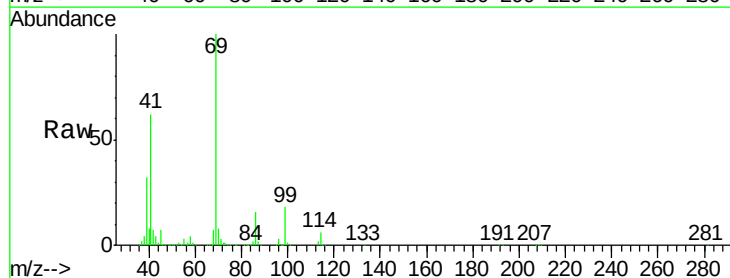
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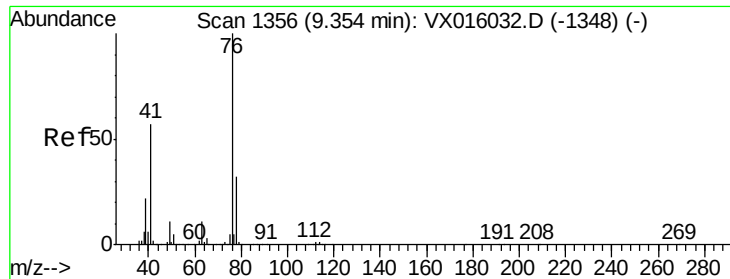
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#56
 Ethyl methacrylate
 Concen: 50.877 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion:	69	Resp:	251859
Ion	Ratio	Lower	Upper
69	100		
41	61.9	52.2	78.4
39	32.0	28.2	42.4





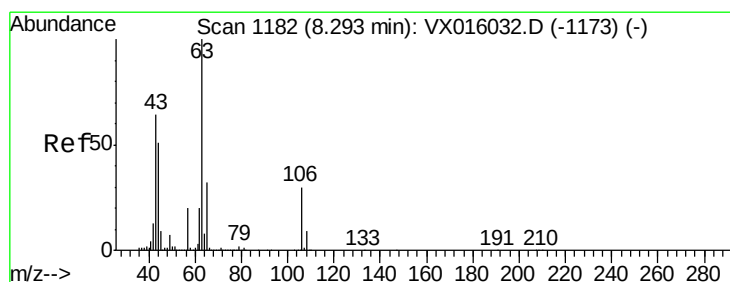
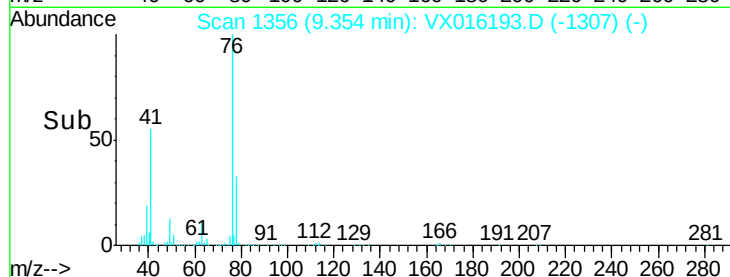
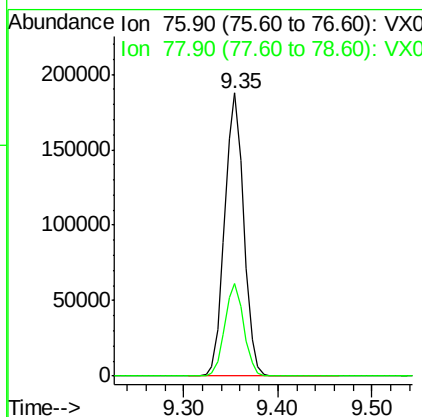
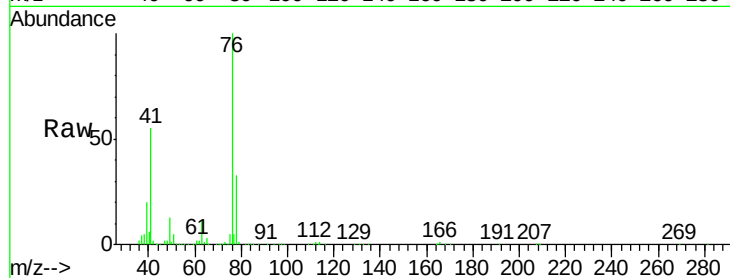
#57
 1,3-Dichloropropane
 Concen: 49.974 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

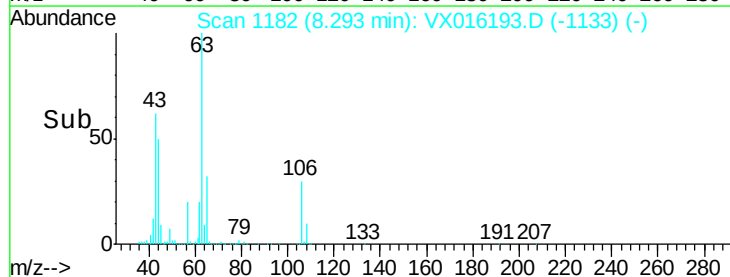
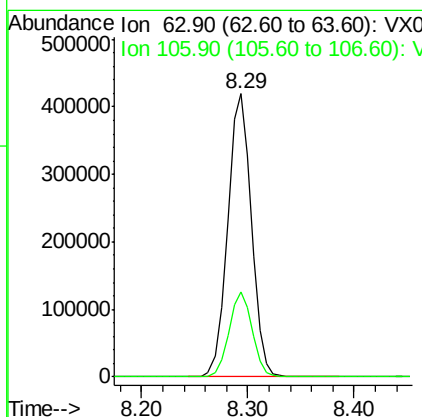
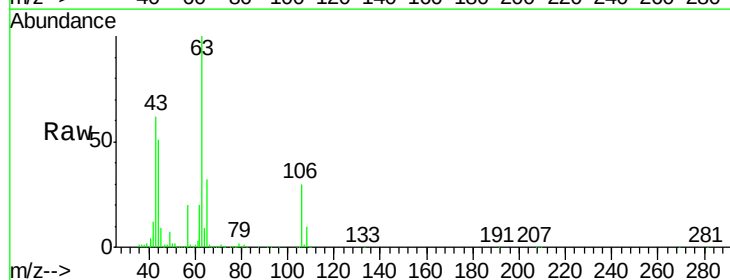
Manual Integrations
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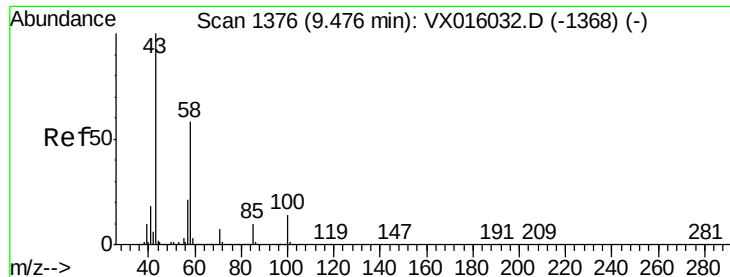
MMDadoda
 5/14/2020 12:16:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.652 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.4	35.2





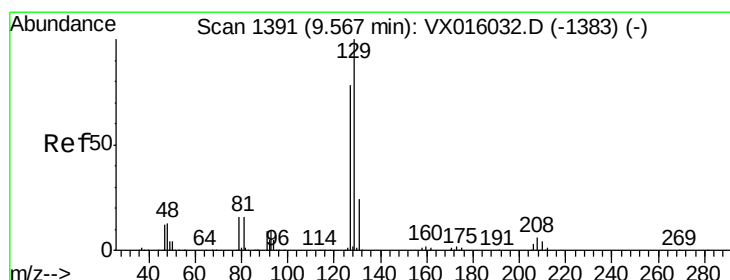
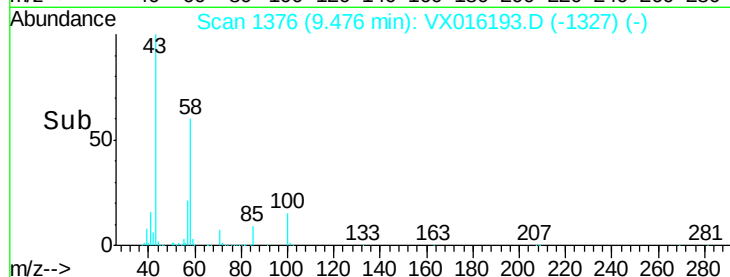
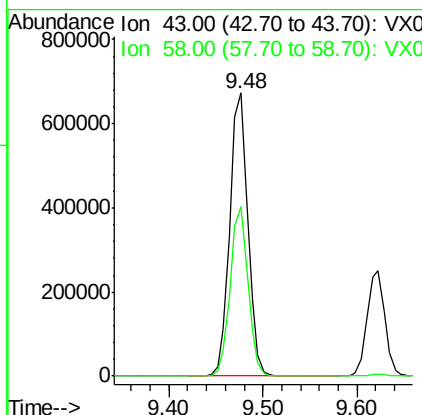
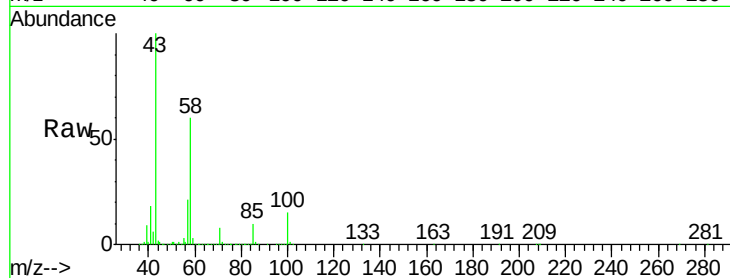
#59
2-Hexanone
Concen: 240.036 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	59.0	28.6	85.9	

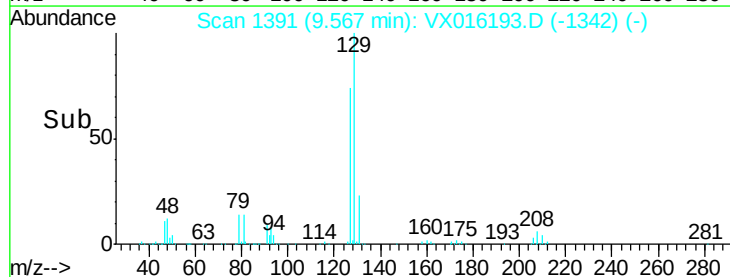
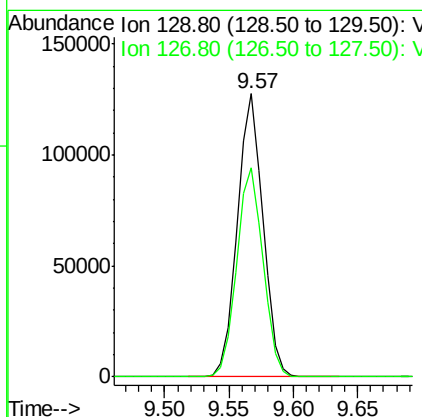
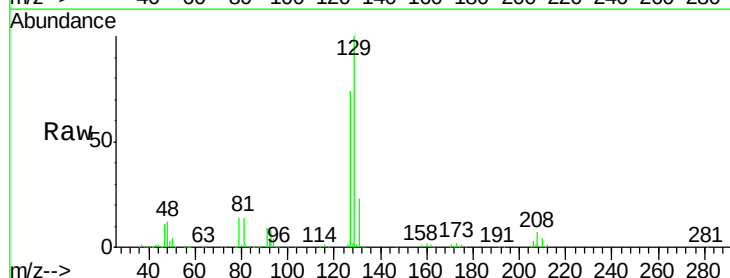
Manual Integrations
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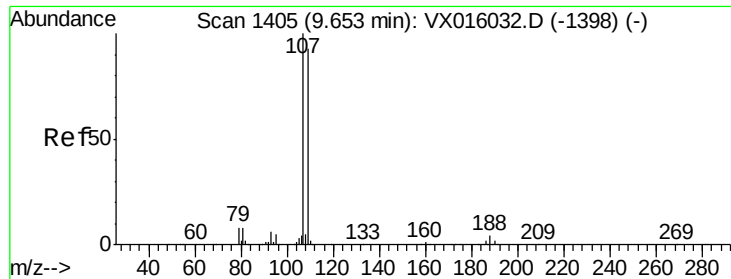
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#60
Dibromochloromethane
Concen: 52.829 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
129	100			
127	75.8	38.4	115.2	





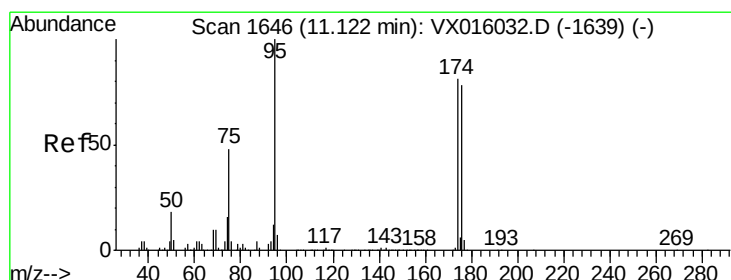
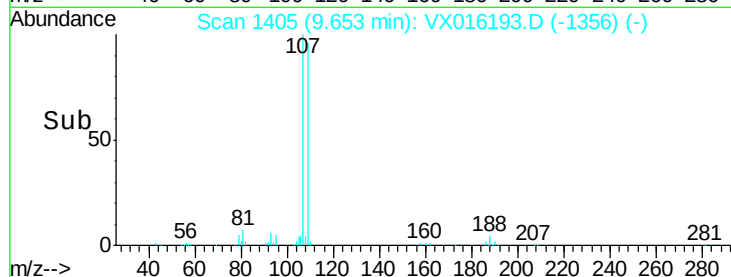
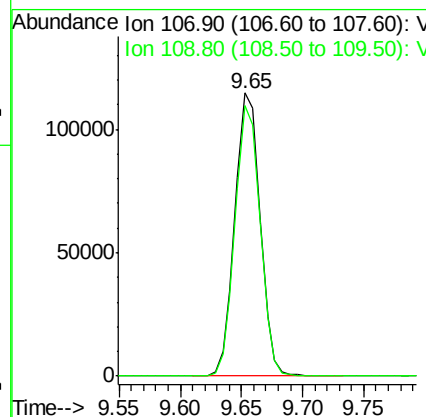
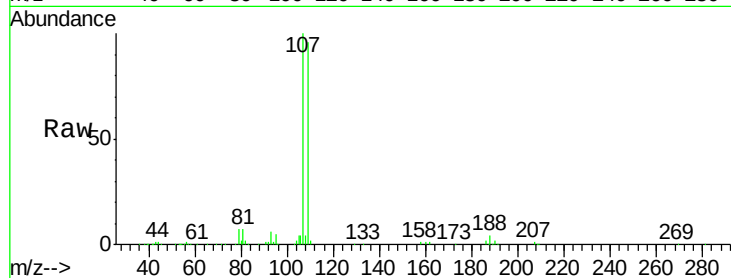
#61
 1,2-Dibromoethane
 Concen: 49.915 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	74.9	112.3

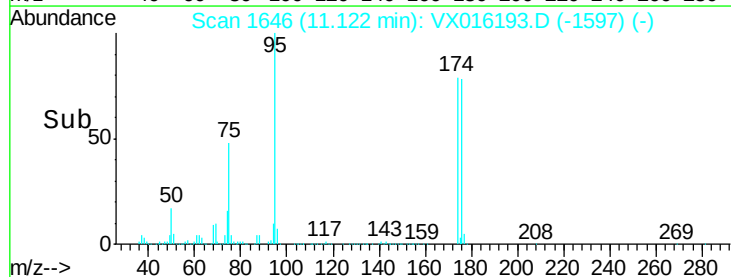
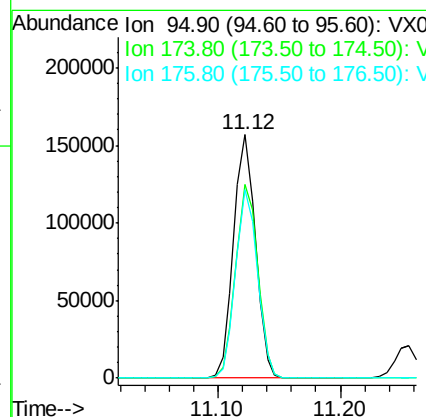
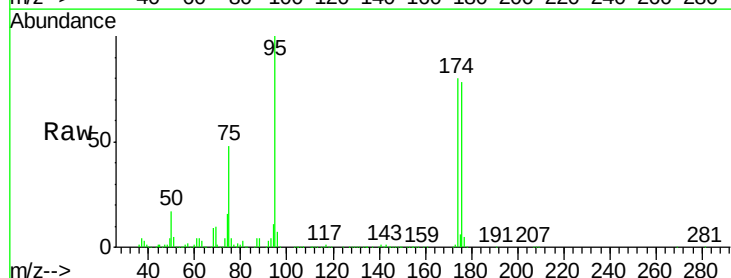
Manual Integrations
 APPROVED

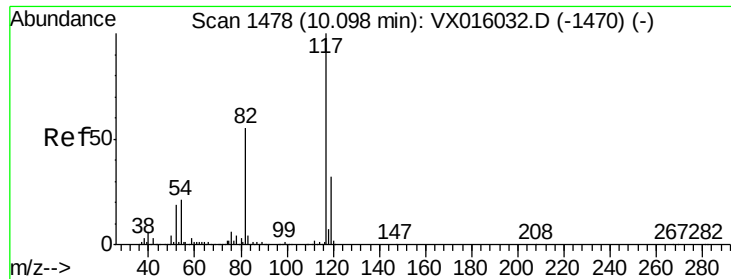
MMDadoda
 5/14/2020 12:16:00 PM



#62
 4-Bromofluorobenzene
 Concen: 48.755 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	159.4
176	77.2	0.0	157.6





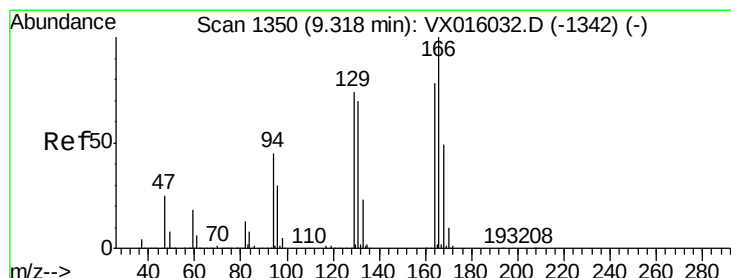
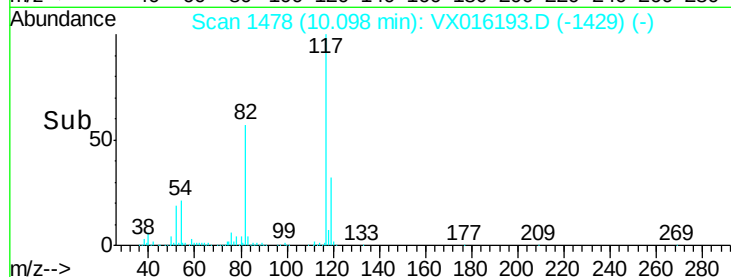
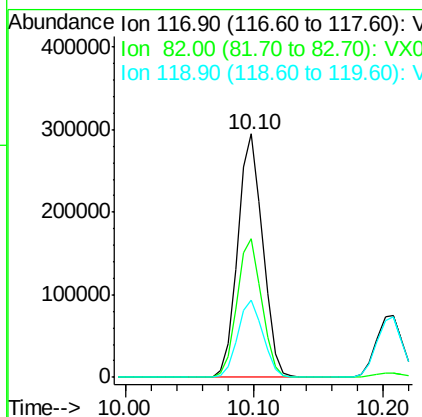
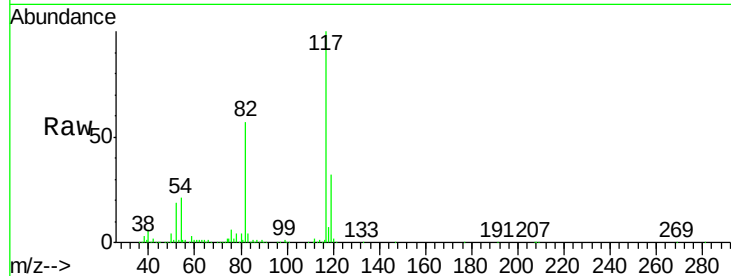
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	396331		
82	57.0		44.4	66.6
119	31.8		25.5	38.3

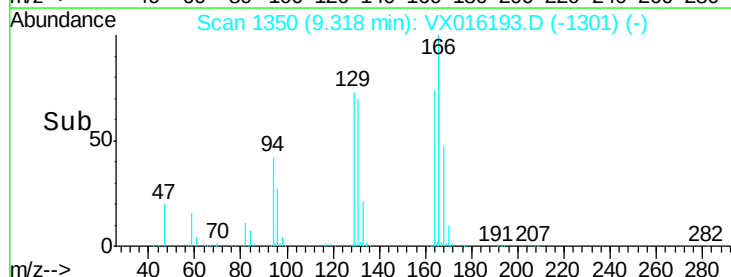
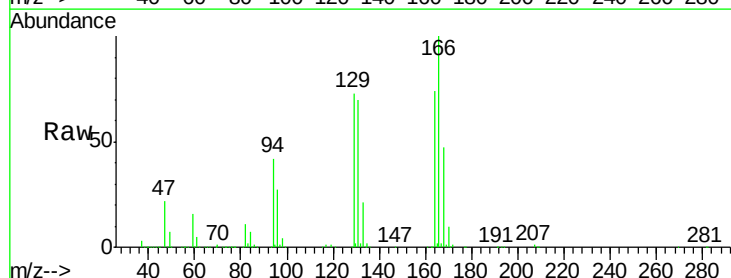
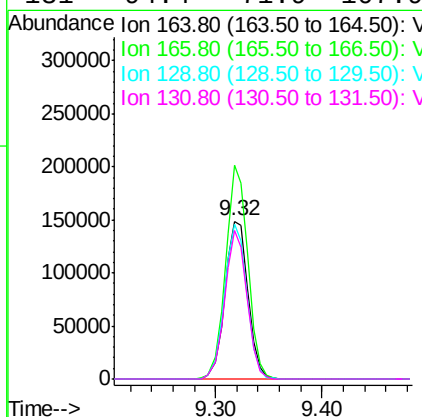
Manual Integrations
APPROVED

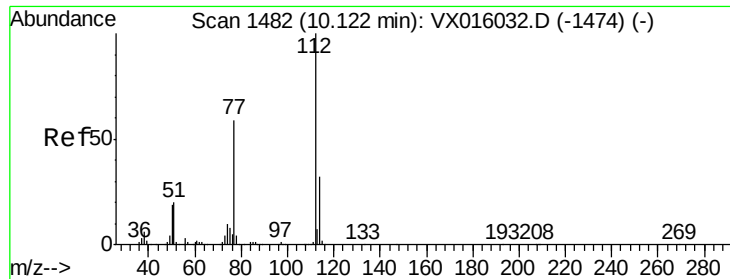
MMDadoda
5/14/2020 12:16:00 PM



#64
Tetrachloroethene
Concen: 45.996 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223792		
166	135.3		102.9	154.3
129	98.2		76.1	114.1
131	94.4		71.9	107.9





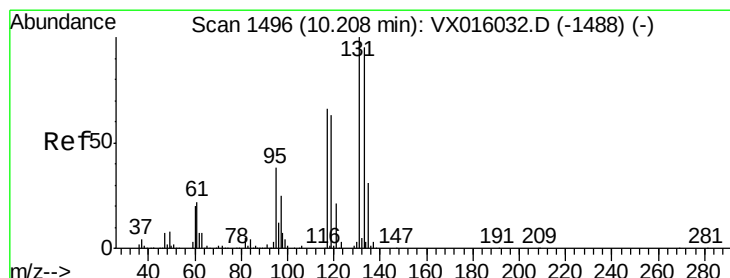
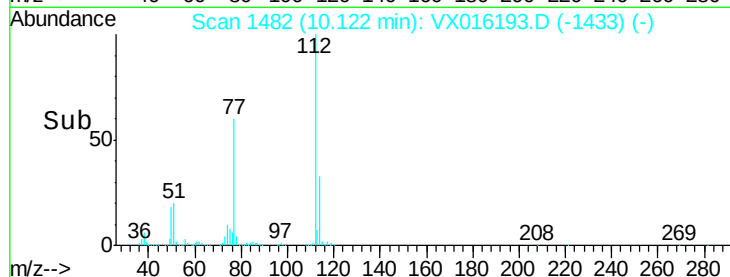
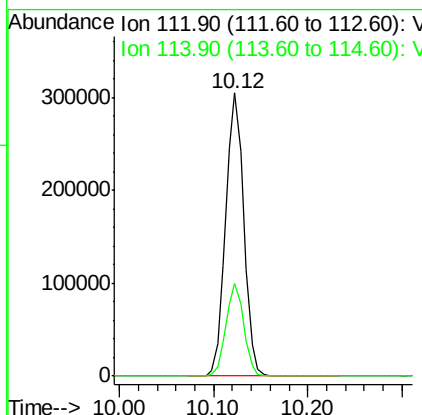
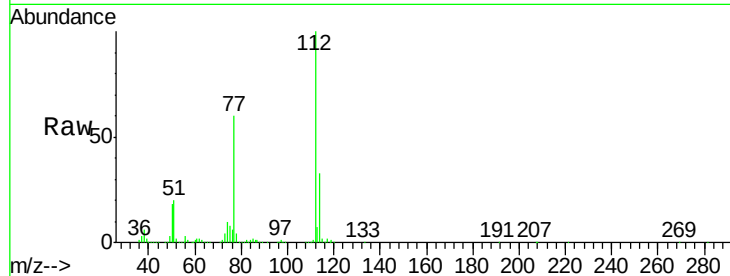
#65
Chlorobenzene
Concen: 49.143 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 407826
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

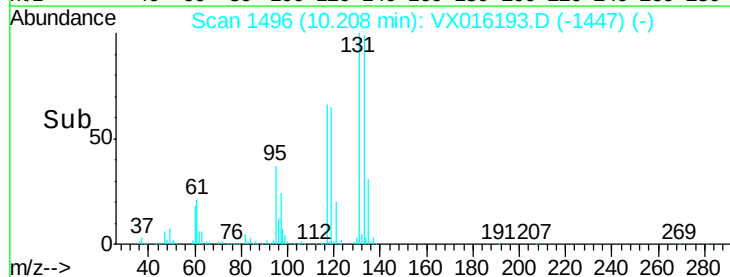
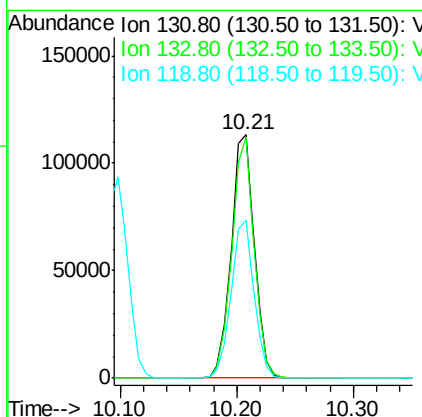
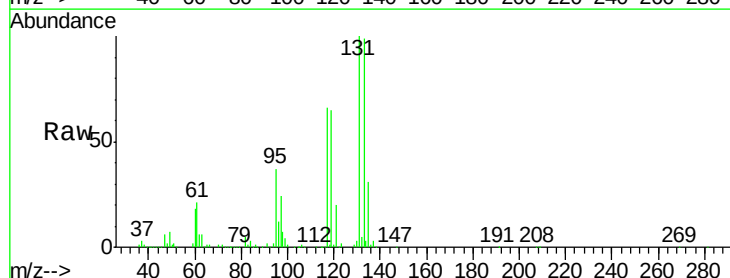
Manual Integrations
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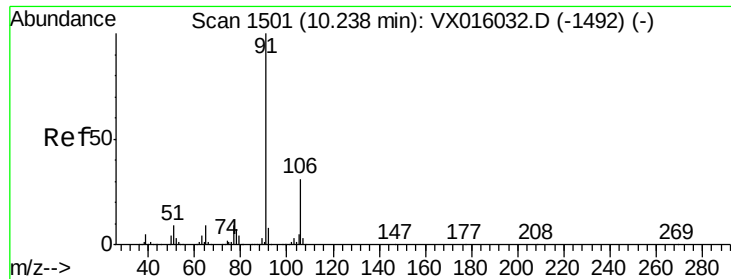
MMDadoda
5/14/2020 12:16:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.197 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:131 Resp: 157035
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.8
119 64.4 32.3 96.9





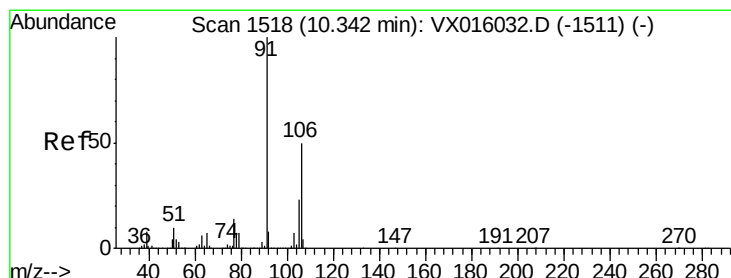
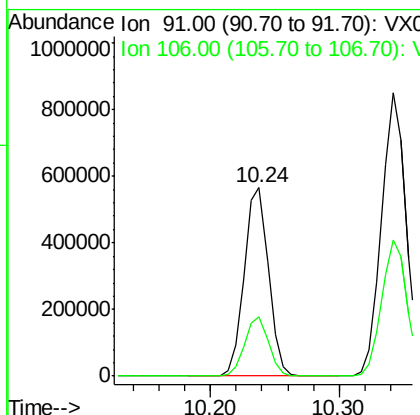
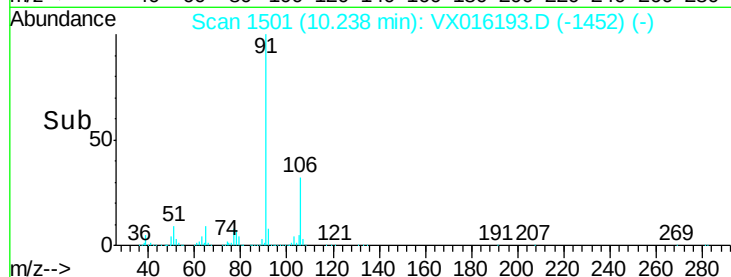
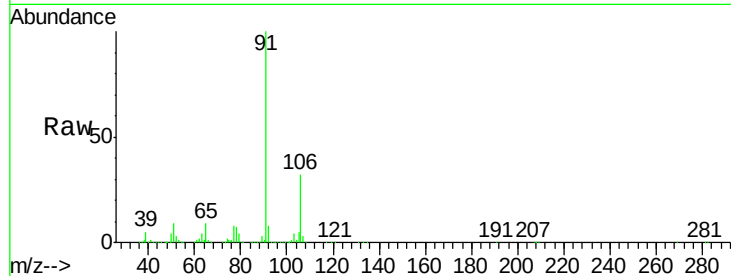
#67
Ethyl Benzene
Concen: 49.429 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 731891
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

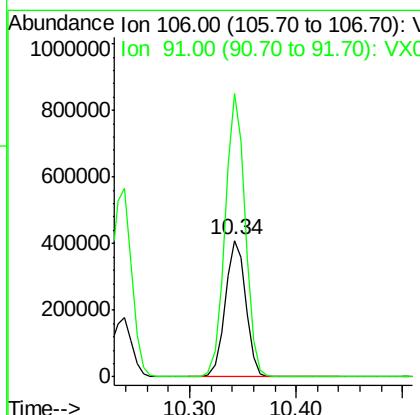
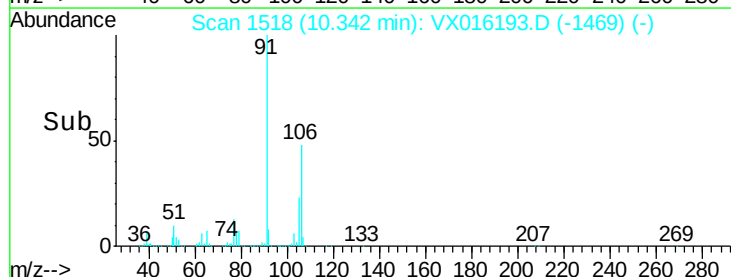
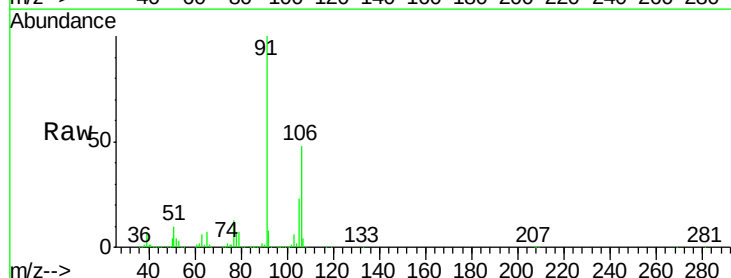
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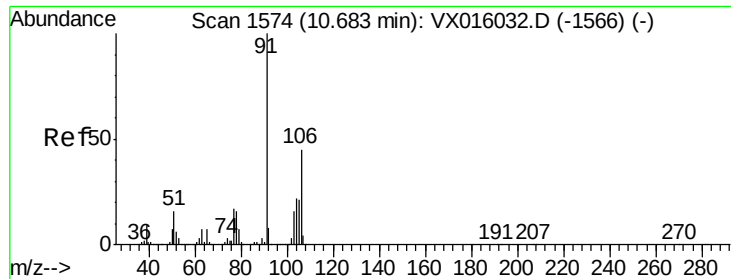
MMDadoda
5/14/2020 12:16:00 PM



#68
m/p-Xylenes
Concen: 99.593 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 106 Resp: 552505
Ion Ratio Lower Upper
106 100
91 202.9 161.7 242.5





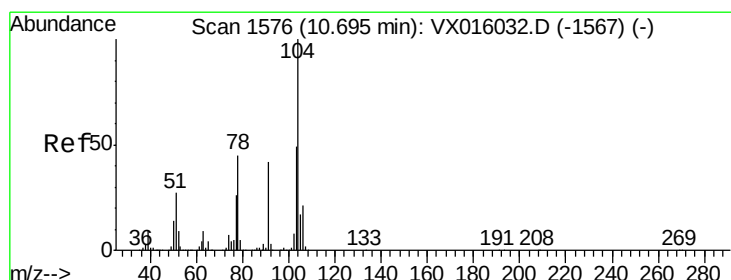
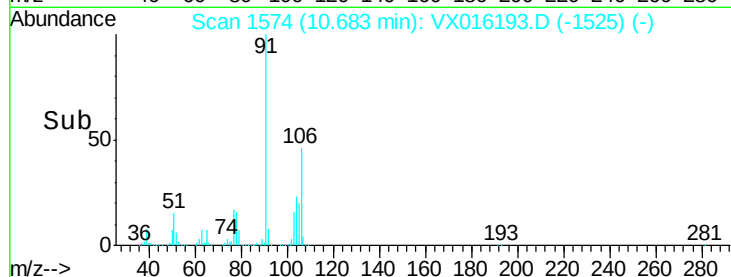
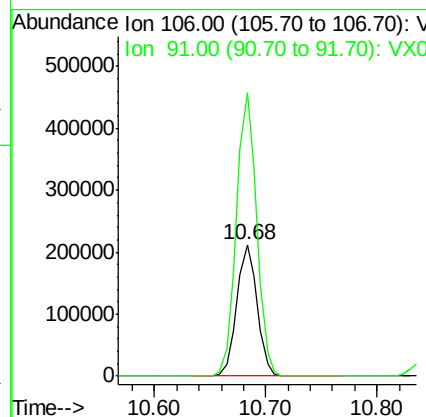
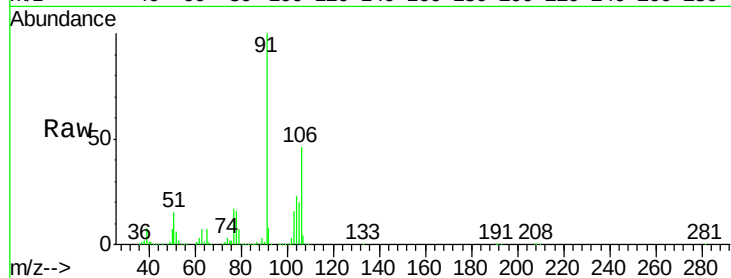
#69
o-Xylene
Concen: 50.118 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
267257	106	100		
	91	215.5	107.5	322.6

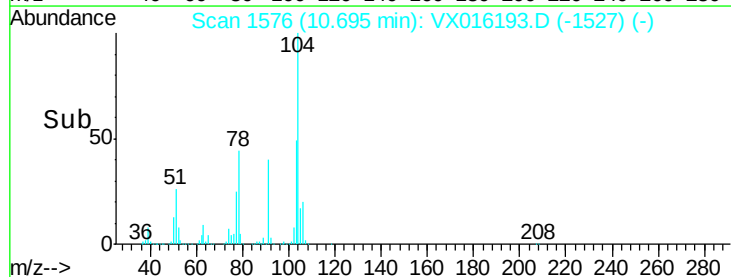
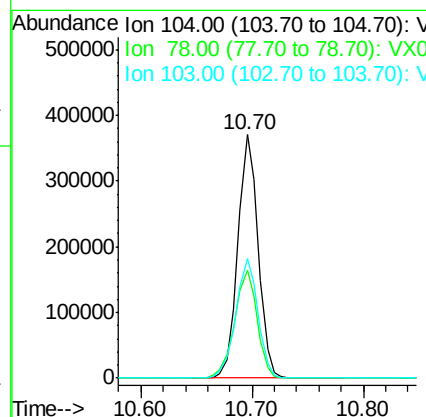
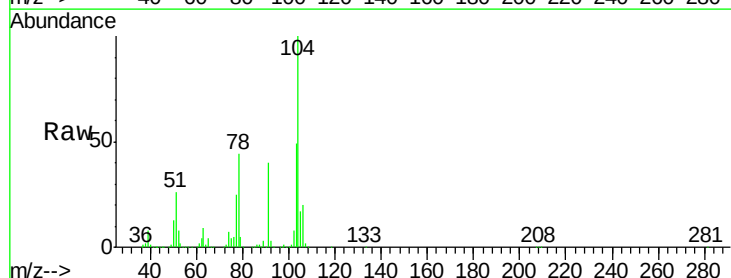
Manual Integrations
APPROVED

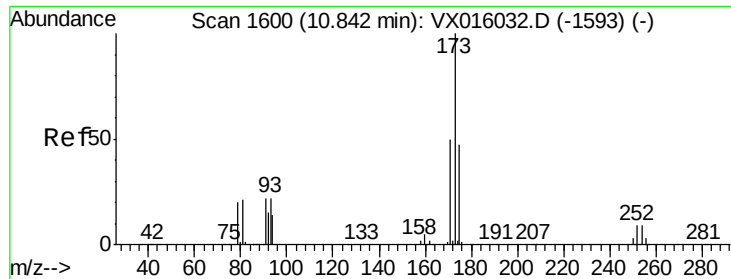
MMDadoda
5/14/2020 12:16:00 PM



#70
Styrene
Concen: 51.621 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ion	Ratio	Lower	Upper
467002	104	100		
	78	49.7	40.2	60.2
	103	53.7	43.0	64.6





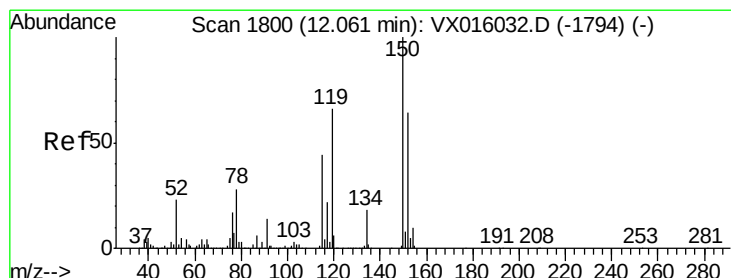
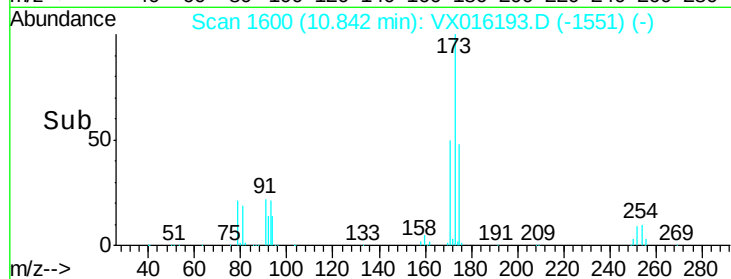
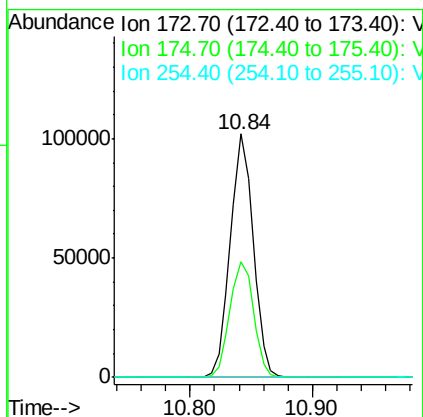
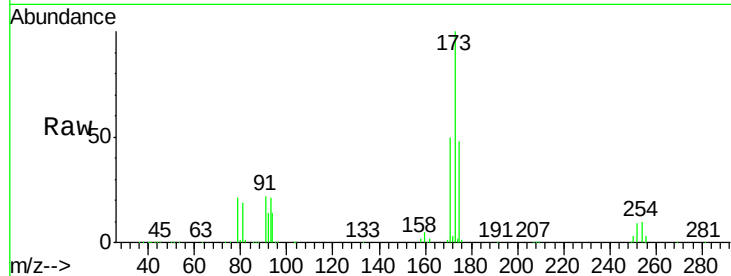
#71
Bromoform
Concen: 53.003 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.0	72.0
254	0.1	0.1	0.1

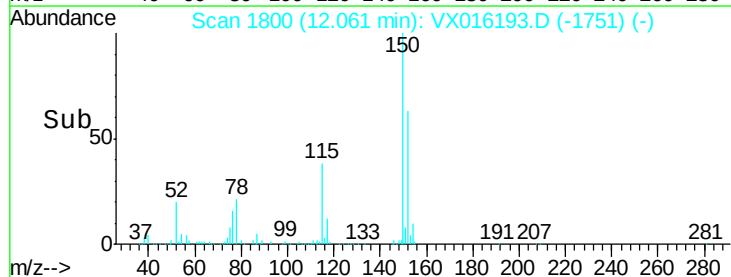
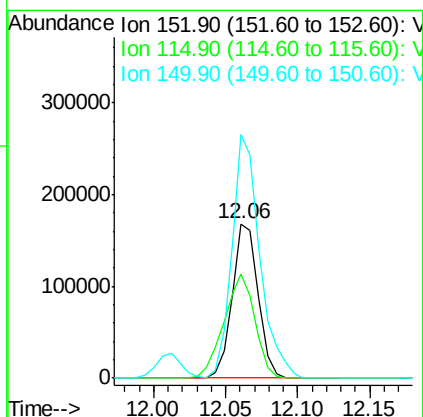
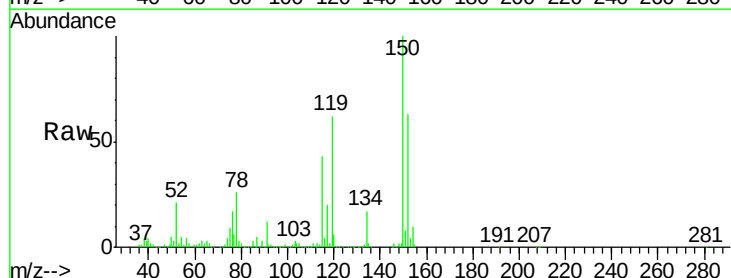
Manual Integrations
APPROVED

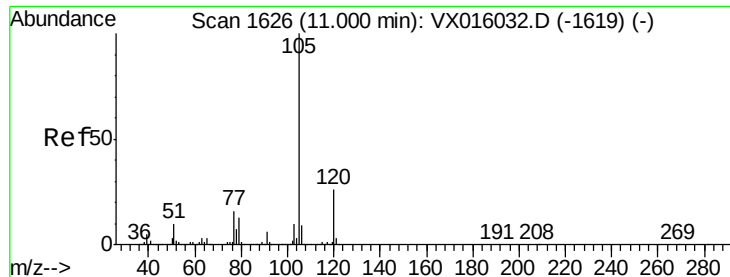
MMDadoda
5/14/2020 12:16:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.5	41.3	124.1
150	170.4	0.0	352.2





#73

Isopropylbenzene

Concen: 46.930 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 720902

Ion Ratio Lower Upper

105 100

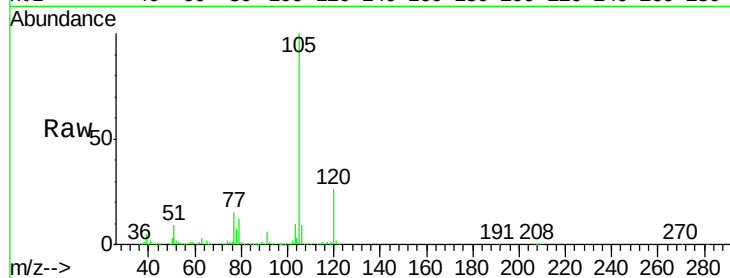
120 26.3 13.4 40.2

Manual Integrations

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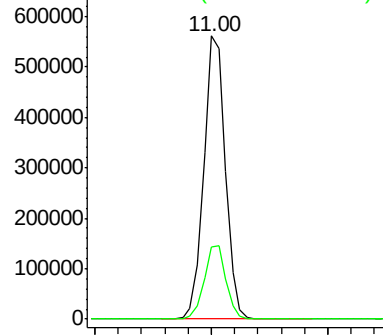
MMDadoda

5/14/2020 12:16:00 PM

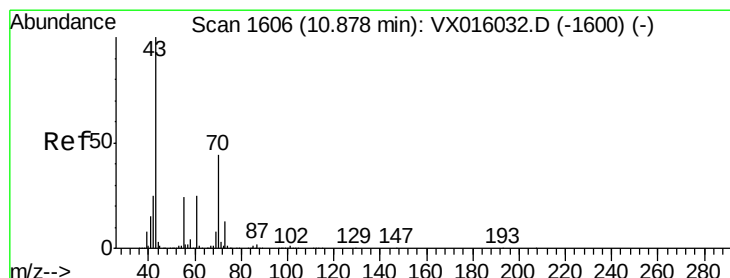
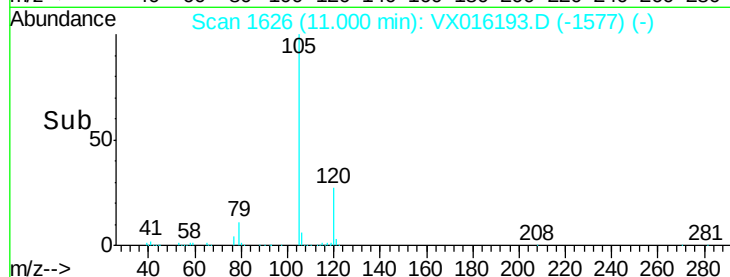


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 45.032 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion: 43 Resp: 322658

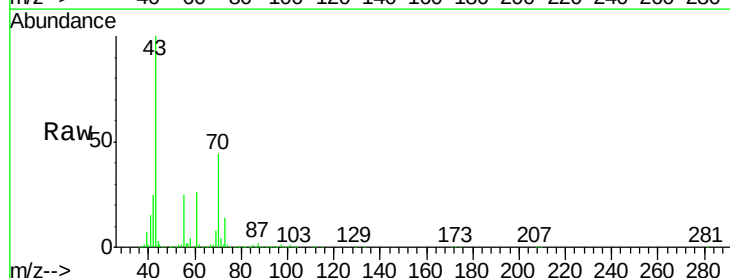
Ion Ratio Lower Upper

43 100

70 46.1 36.5 54.7

55 25.5 19.7 29.5

61 26.3 20.9 31.3

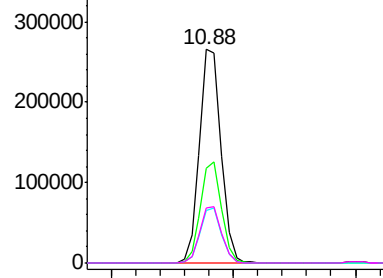


Abundance Ion 43.00 (42.70 to 43.70): VX0

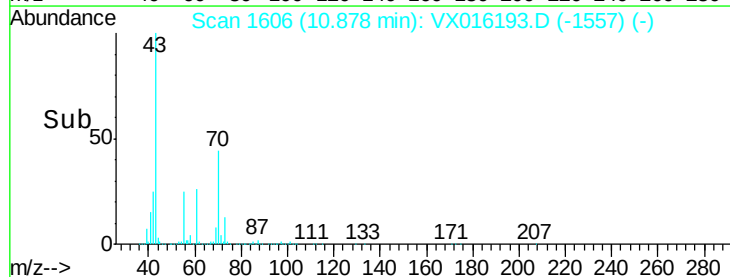
Ion 70.00 (69.70 to 70.70): VX0

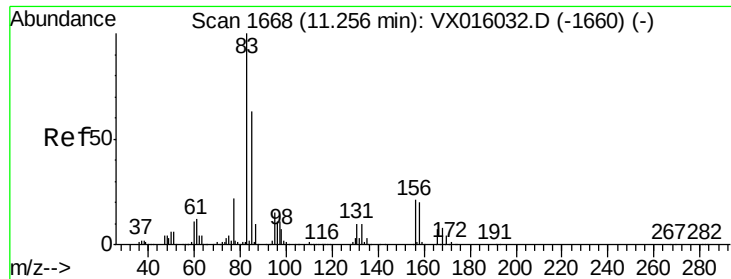
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 54.583 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

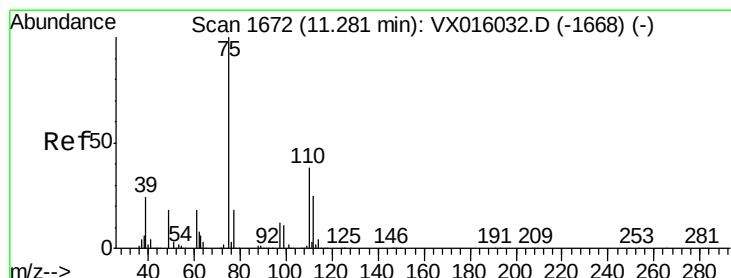
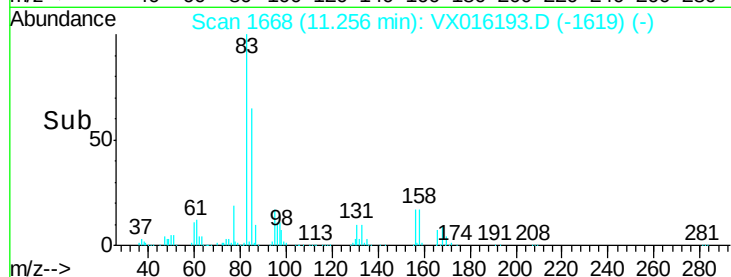
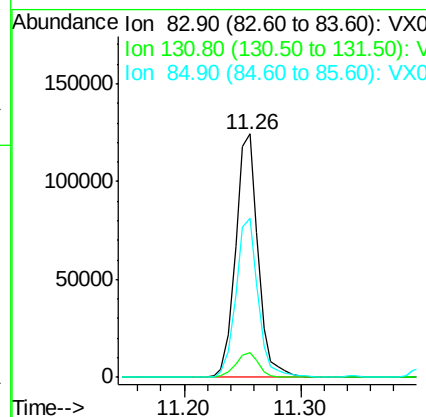
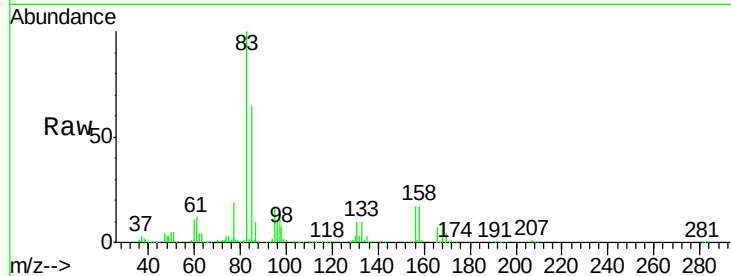
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	166607
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.837 ug/l m

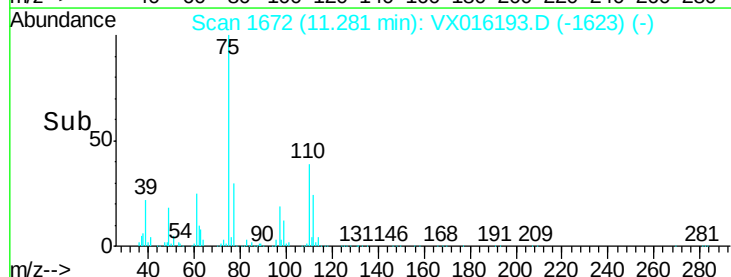
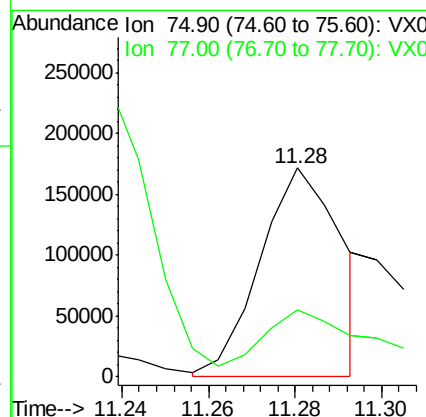
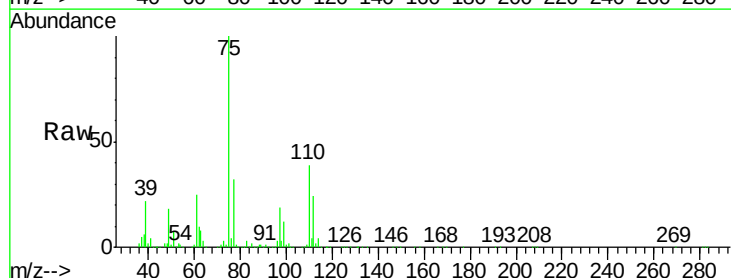
RT: 11.28 min Scan# 1672

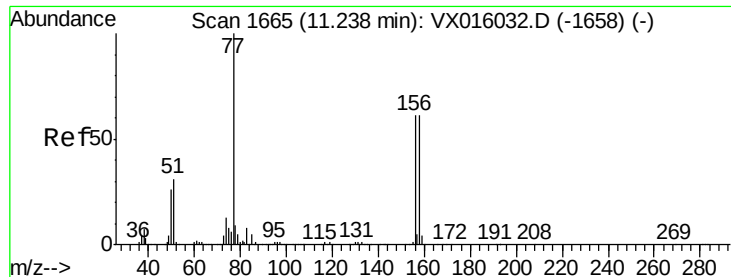
Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	75	Resp:	224469
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.2	63.6





#77

Bromobenzene

Concen: 46.217 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

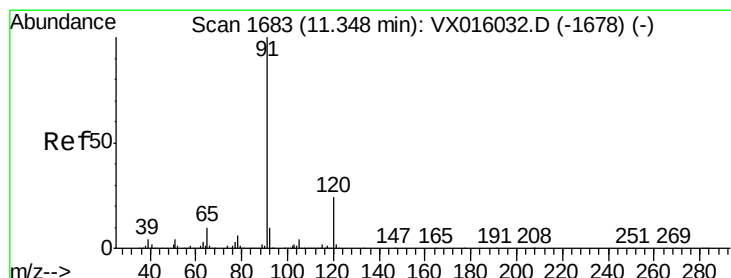
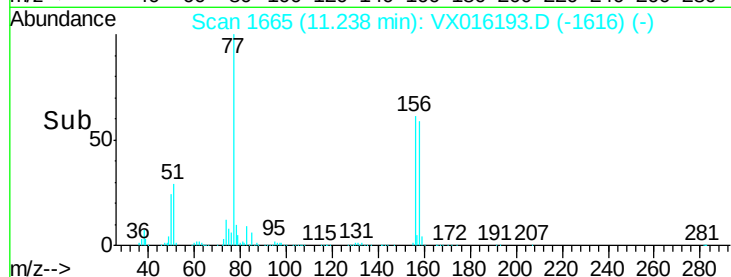
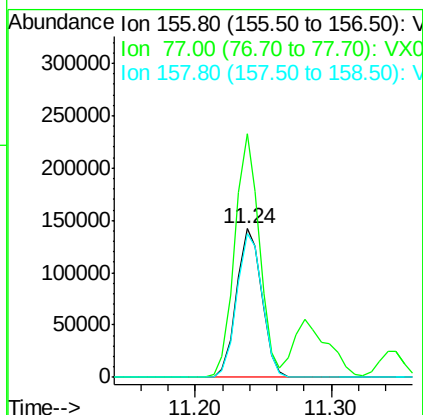
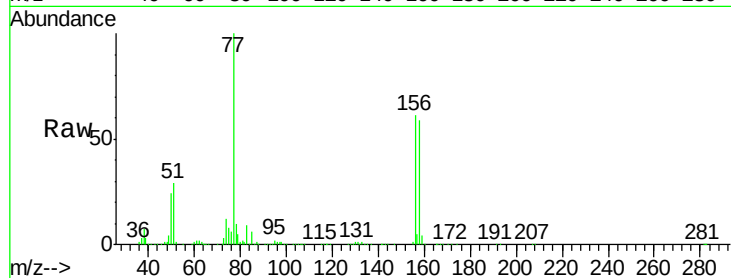
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	183248
Ion Ratio	Lower	Upper	
156	100		
77	160.1	80.1	240.3
158	97.3	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 46.054 ug/l

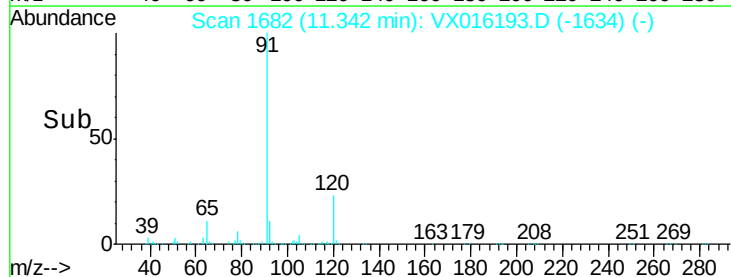
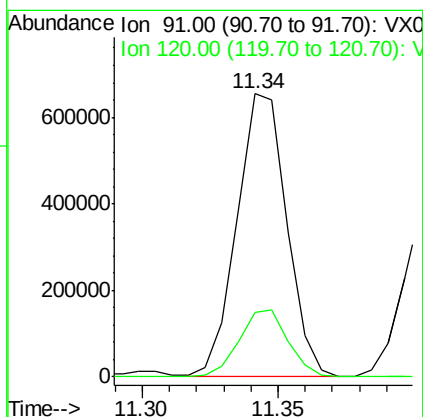
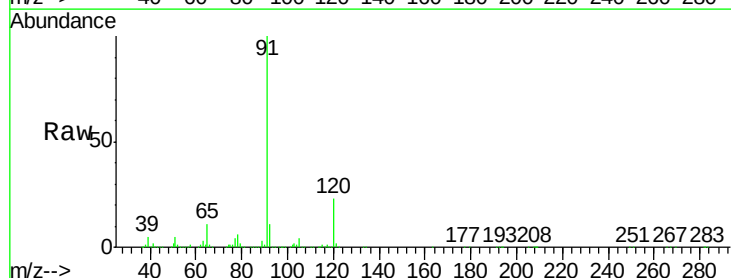
RT: 11.34 min Scan# 1682

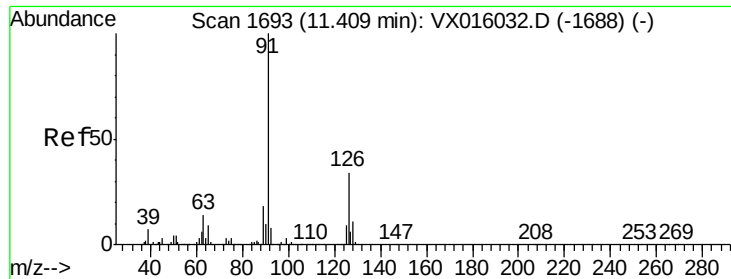
Delta R.T. -0.01 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	91	Resp:	822999
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5





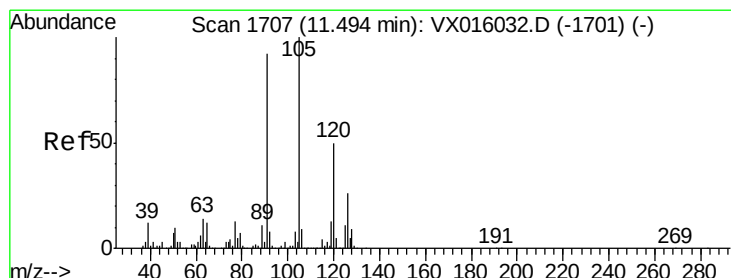
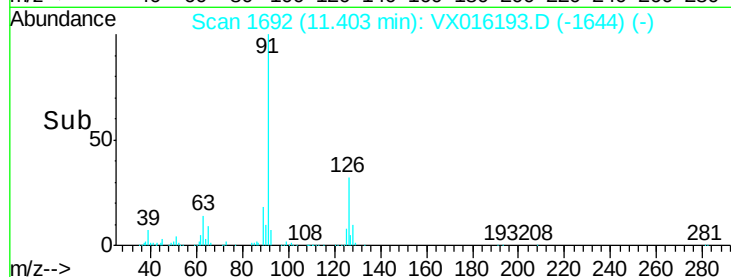
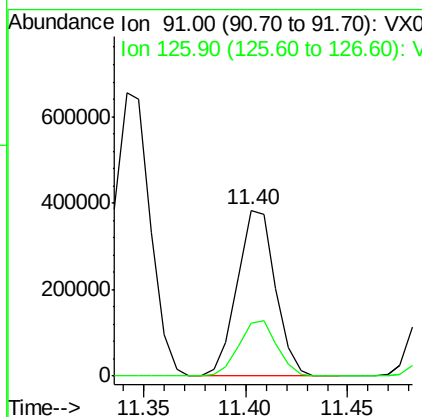
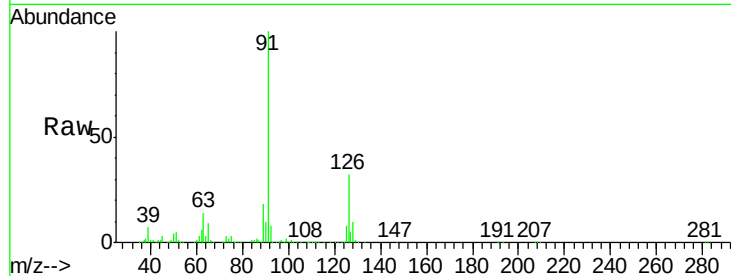
#79
 2-Chlorotoluene
 Concen: 46.939 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 495124
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.9 50.6

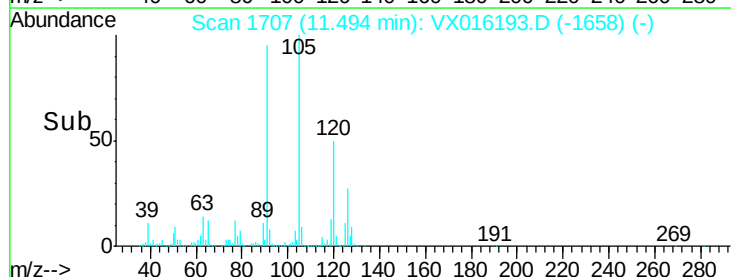
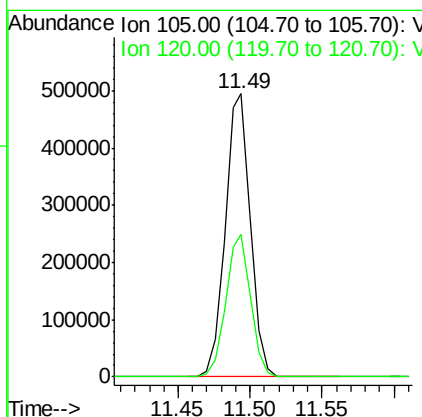
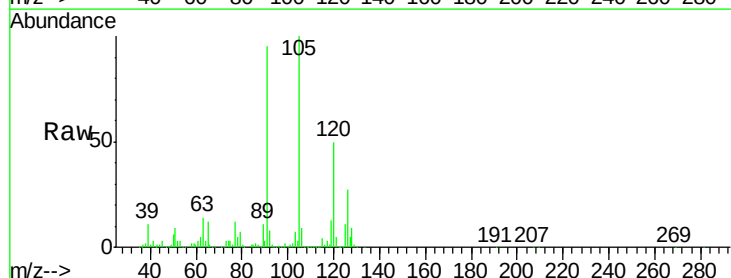
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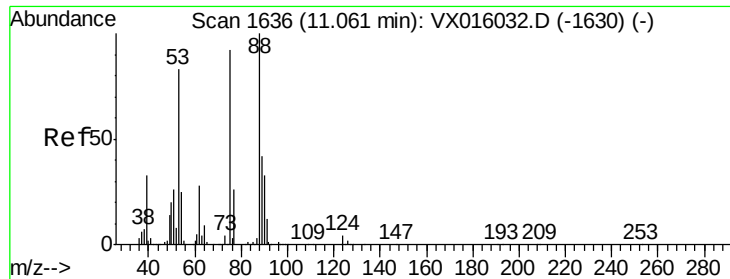
MMDadoda
 5/14/2020 12:16:00 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 46.655 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion: 105 Resp: 605102
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.920 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

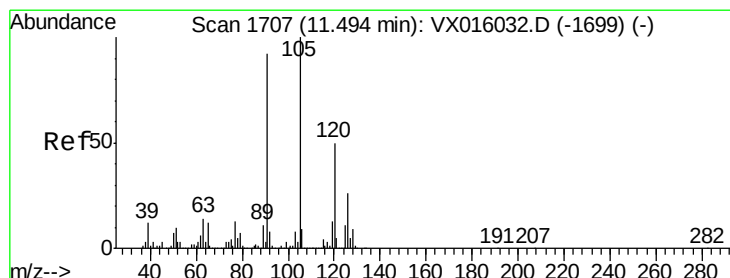
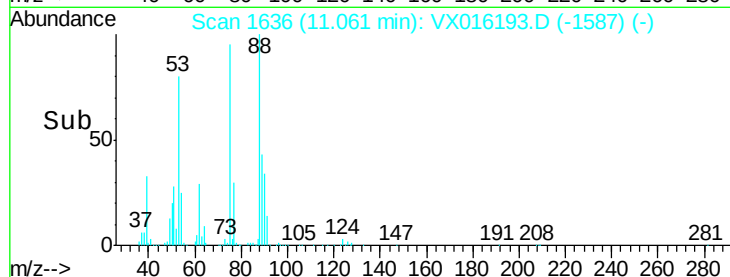
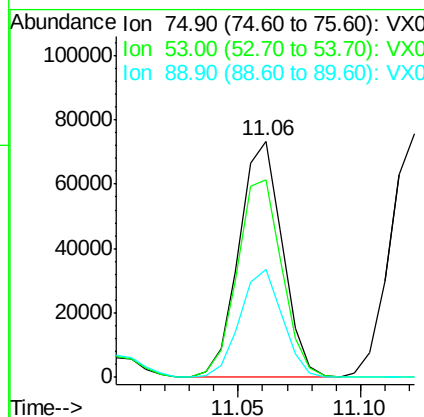
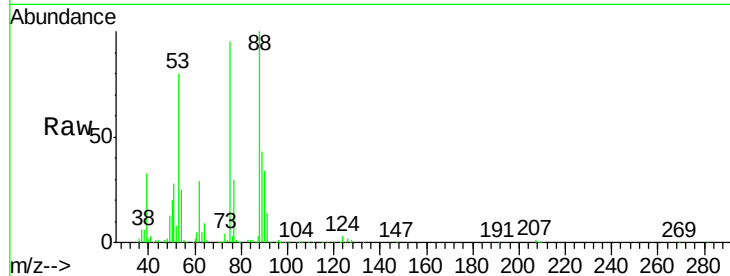
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	90337
Ion	Ratio	Lower	Upper
75	100		
53	85.9	73.1	109.7
89	45.1	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.772 ug/l

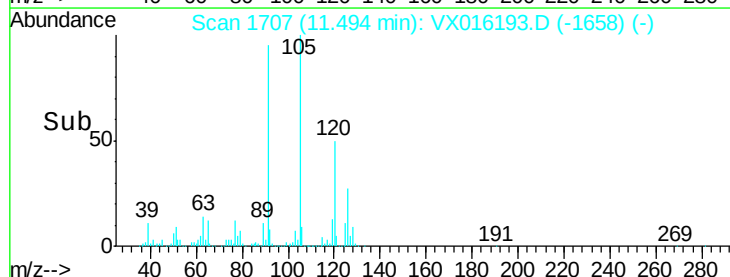
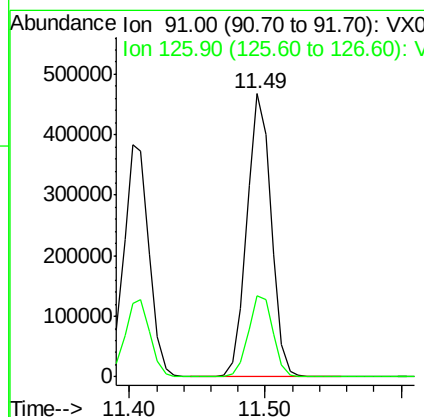
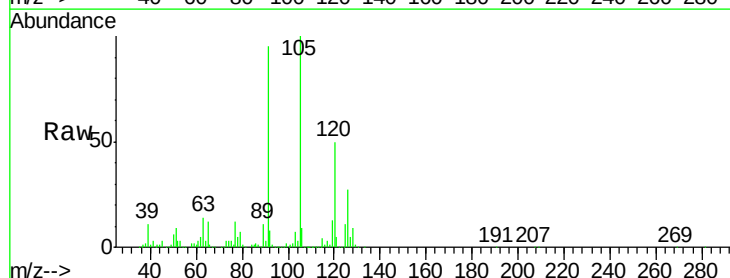
RT: 11.49 min Scan# 1707

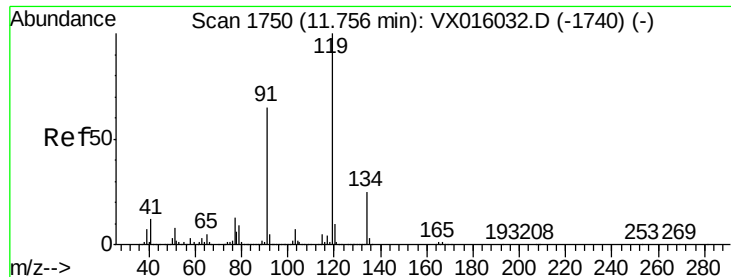
Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	91	Resp:	582607
Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.8	44.3





#83

tert-Butylbenzene

Concen: 47.010 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

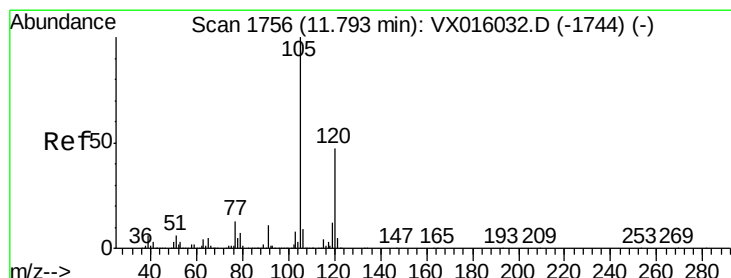
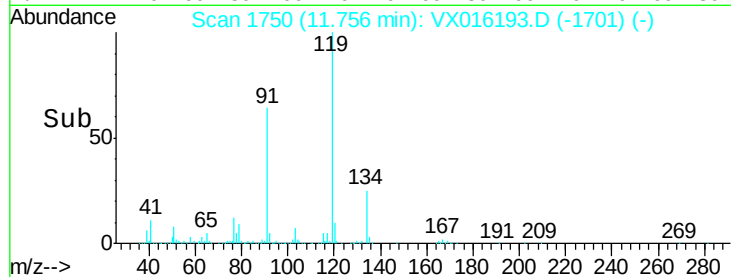
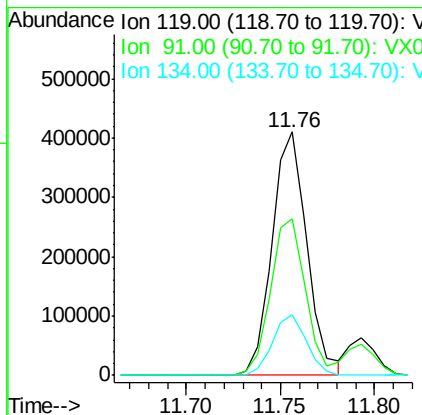
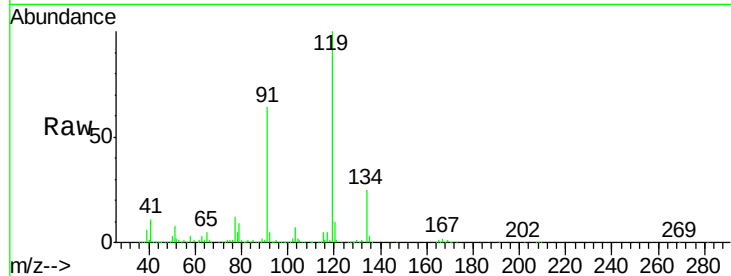
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	525452
Ion Ratio	Lower	Upper	
119	100		
91	63.9	32.8	98.4
134	24.3	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 47.210 ug/l

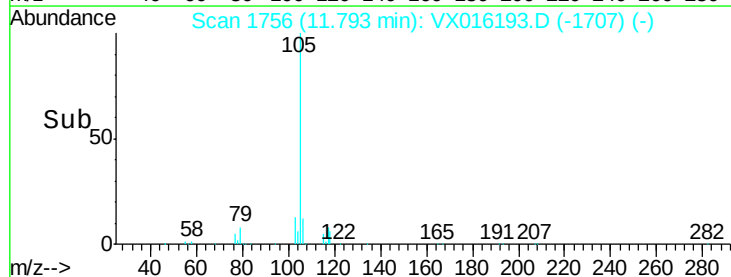
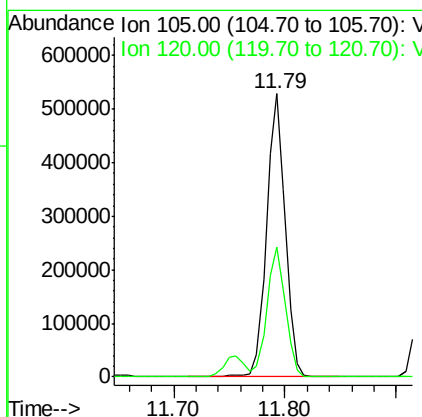
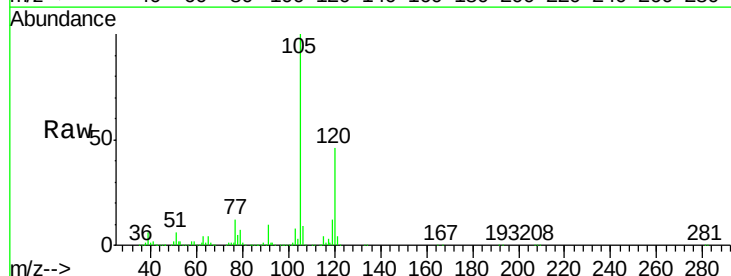
RT: 11.79 min Scan# 1756

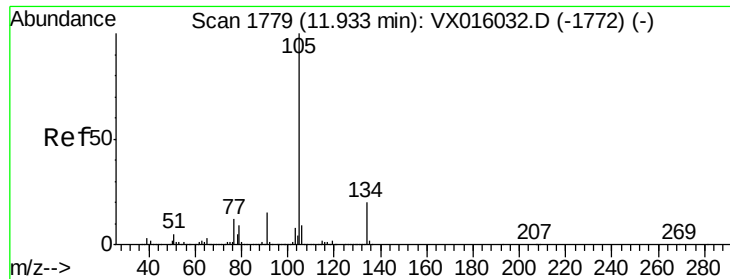
Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	105	Resp:	619035
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.0	69.0





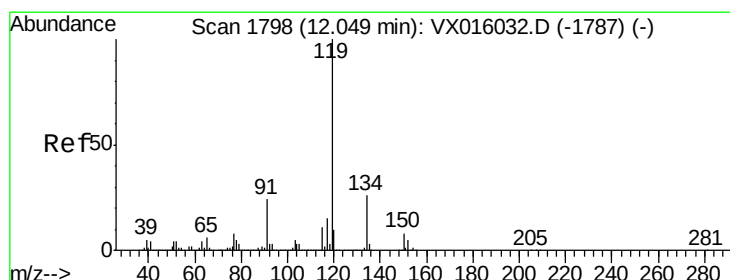
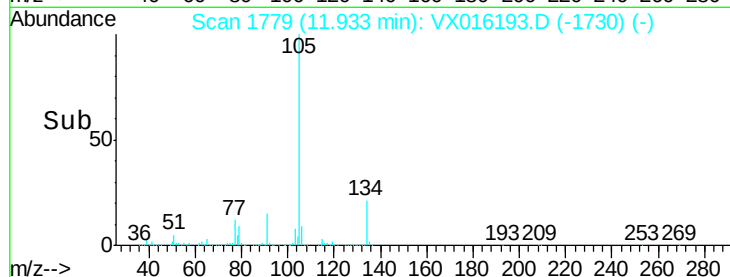
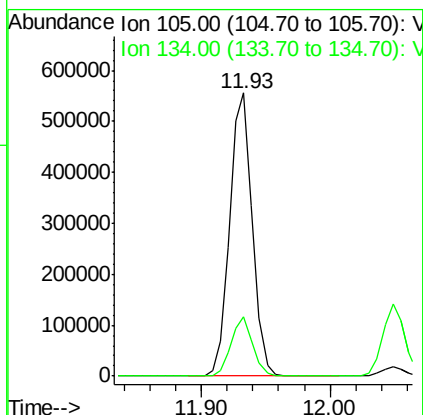
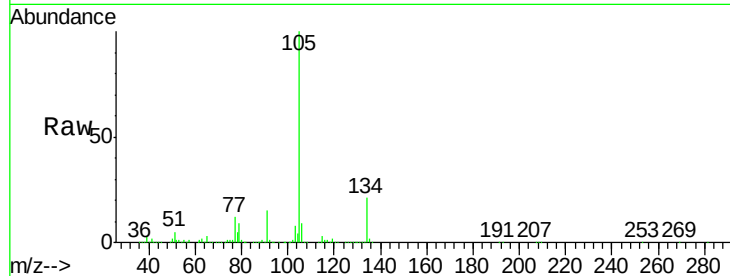
#85
 sec-Butylbenzene
 Concen: 45.111 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

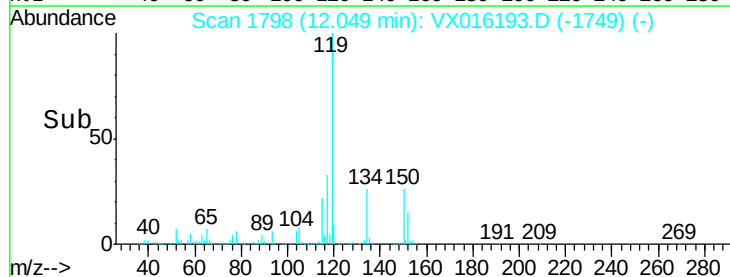
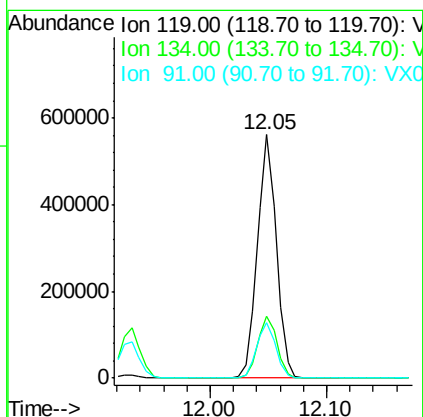
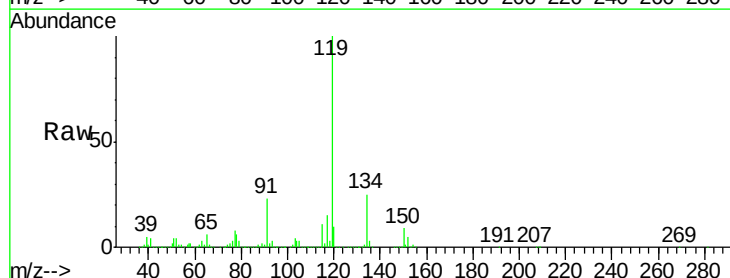
Manual Integrations
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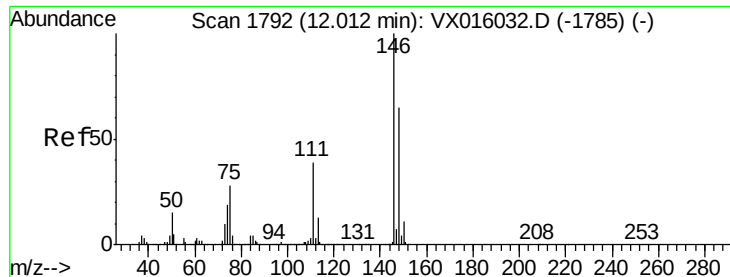
MMDadoda
 5/14/2020 12:16:00 PM



#86
 p-Isopropyltoluene
 Concen: 45.723 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	22.9	11.8	35.4





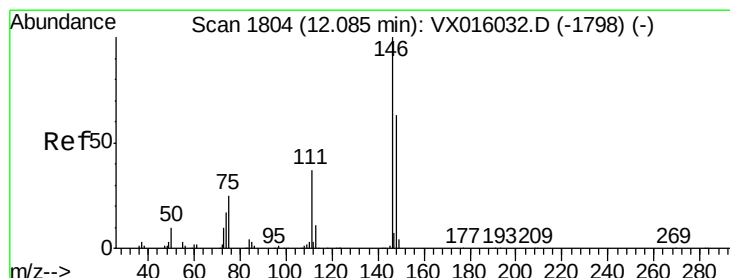
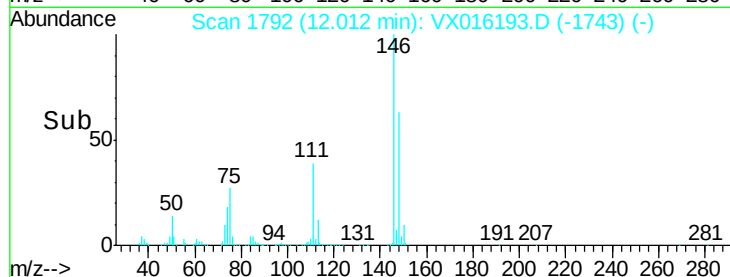
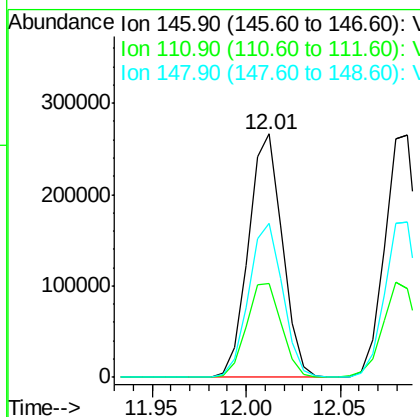
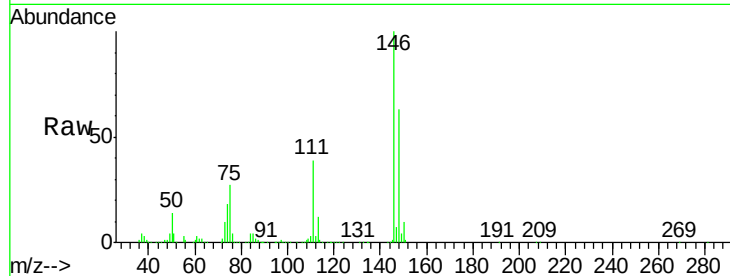
#87
 1,3-Dichlorobenzene
 Concen: 46.725 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	63.4	32.1	96.3

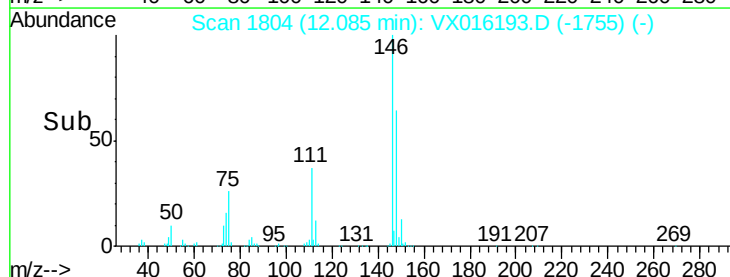
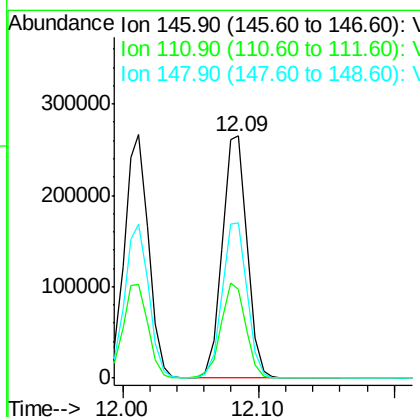
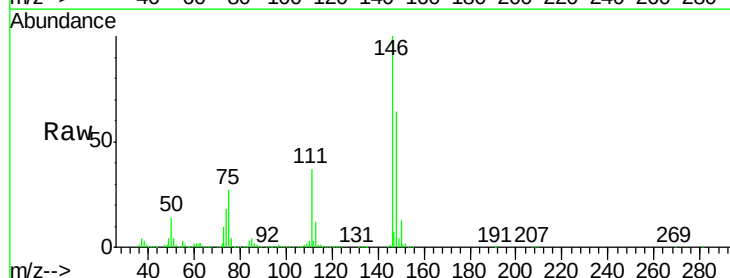
Manual Integrations
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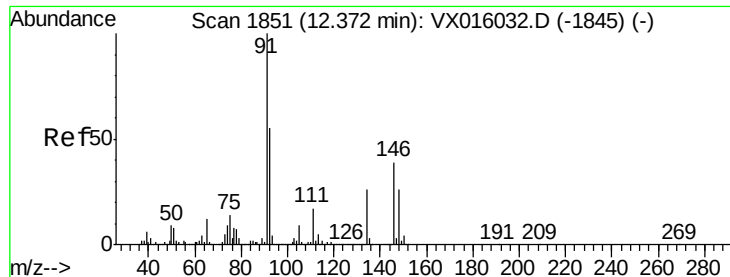
MMDadoda
 5/14/2020 12:16:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.196 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	64.0	31.8	95.3





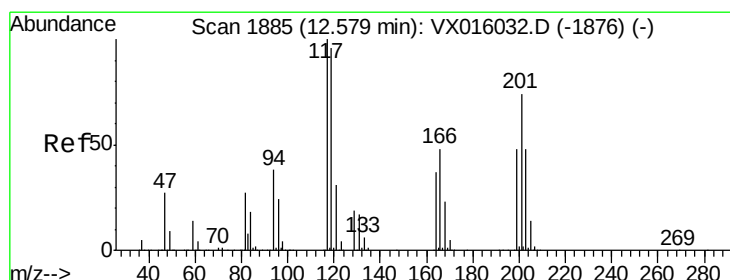
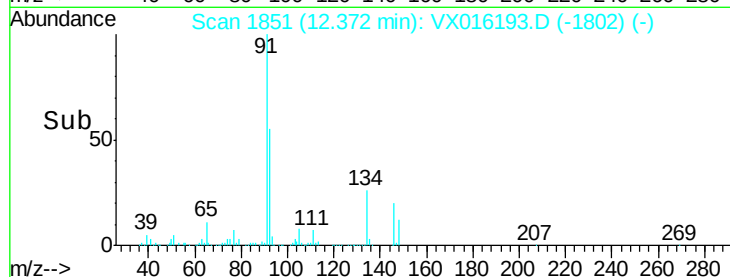
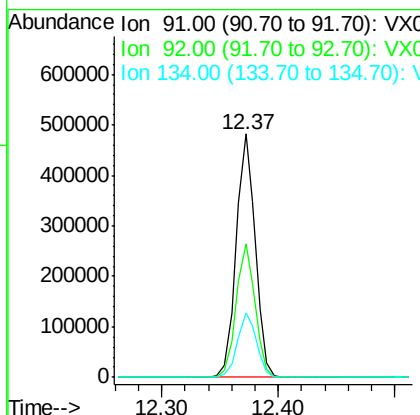
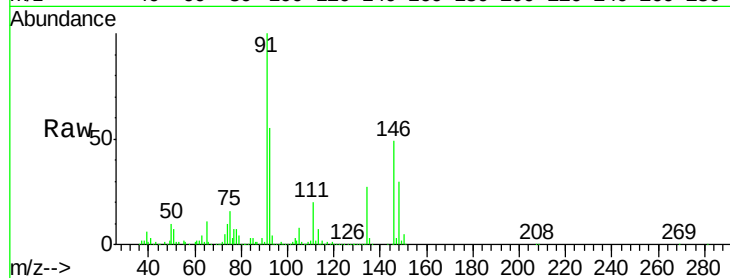
#89
n-Butylbenzene
Concen: 42.892 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	26.5	13.4	40.1

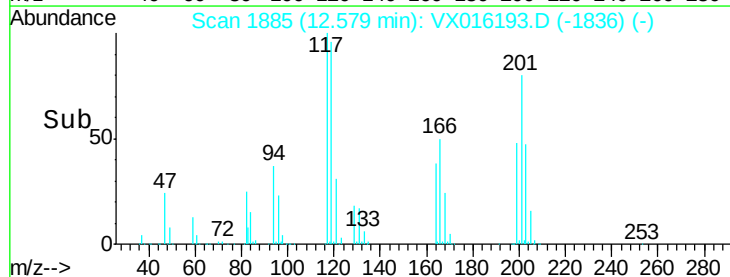
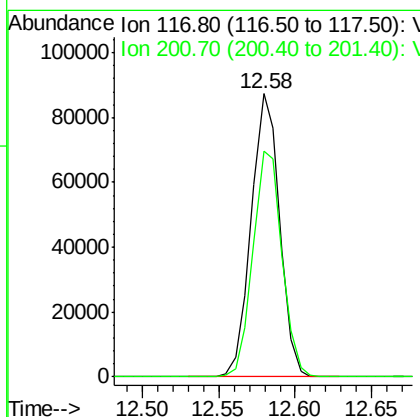
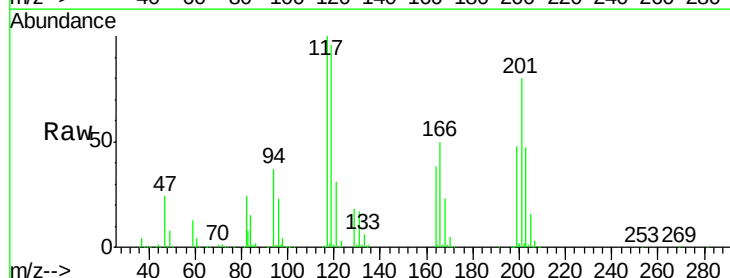
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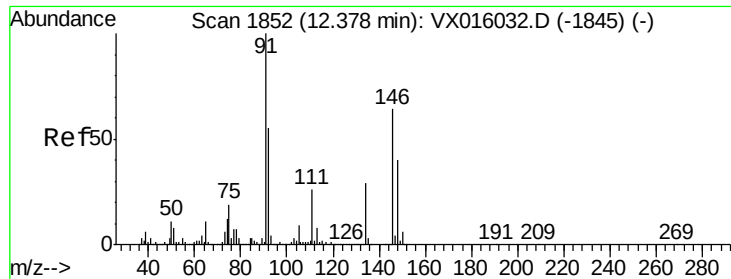
MMDadoda
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#90
Hexachloroethane
Concen: 46.878 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	39.8	119.3





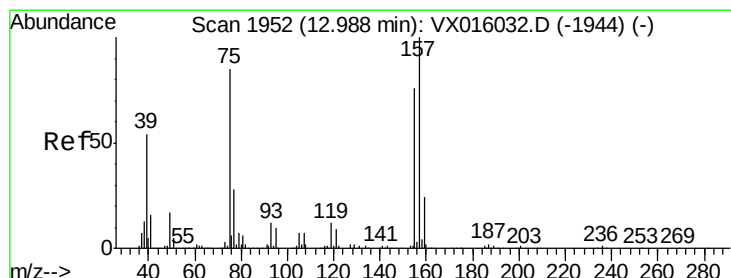
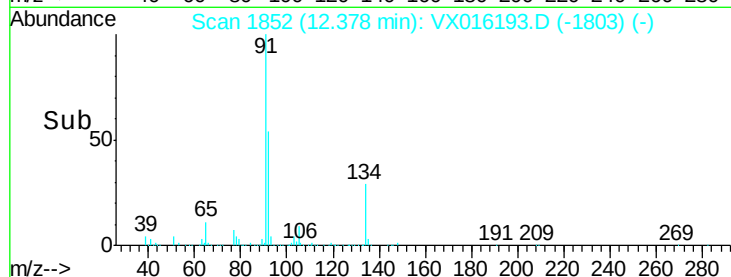
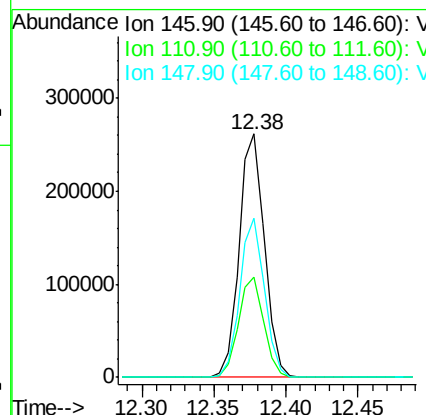
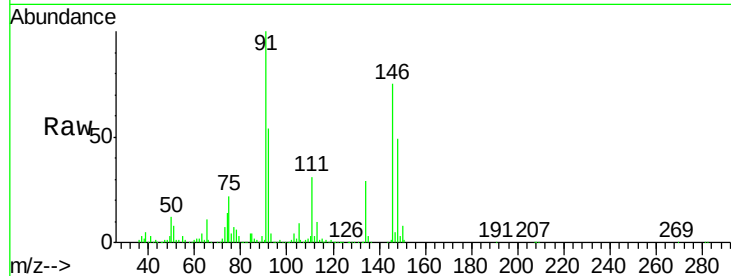
#91
 1,2-Dichlorobenzene
 Concen: 46.681 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	320001		
111	41.5	21.1	63.1	
148	64.0	32.4	97.0	

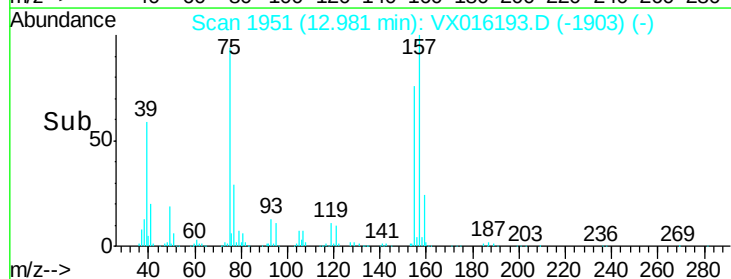
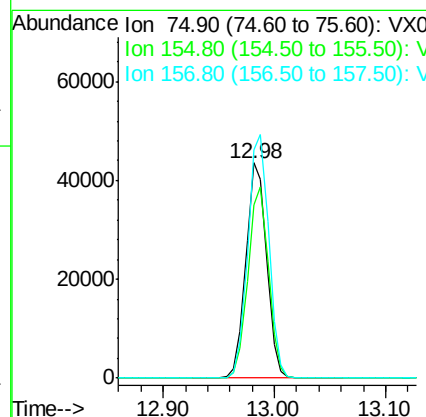
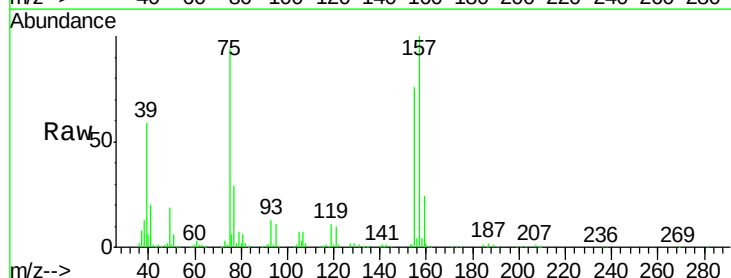
Manual Integrations
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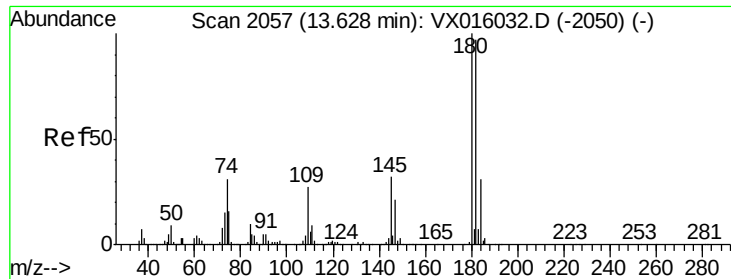
MMDadoda
 5/14/2020 12:16:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.380 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56056		
155	88.5	42.5	127.5	
157	114.4	55.3	165.8	





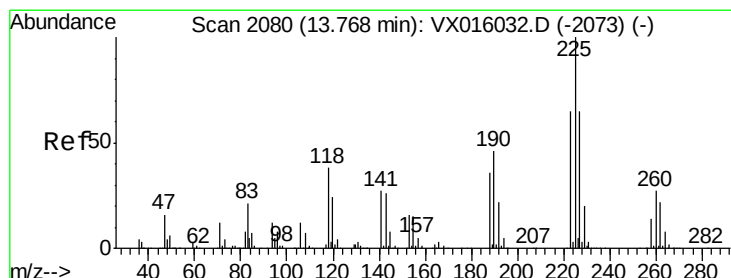
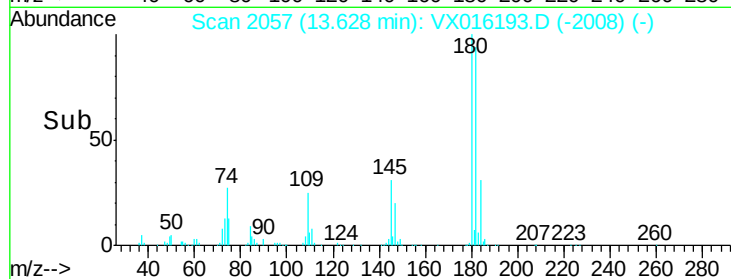
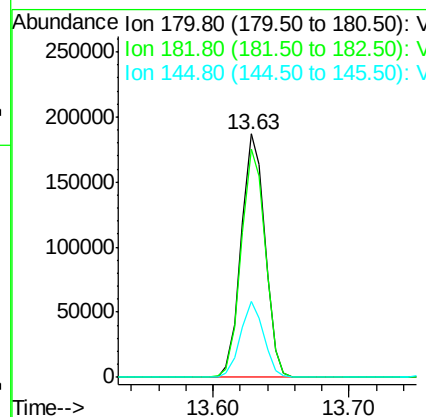
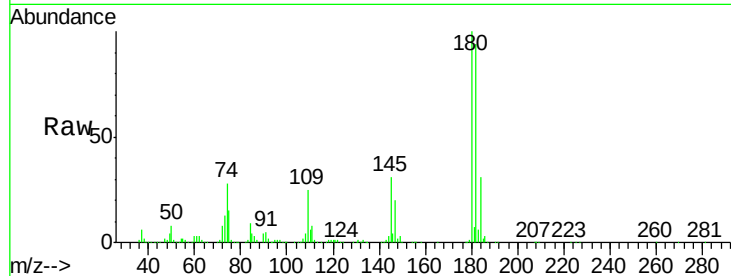
#93
 1,2,4-Trichlorobenzene
 Concen: 44.820 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227473		
182	95.1	48.7	146.1	
145	30.3	15.7	47.1	

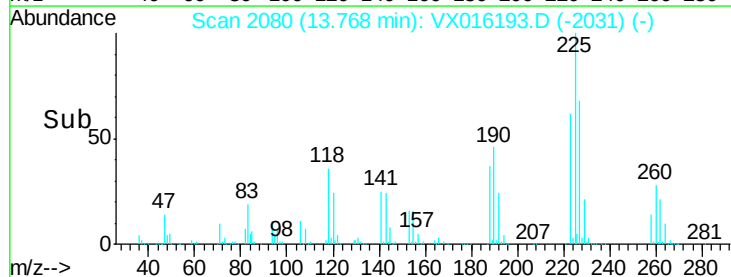
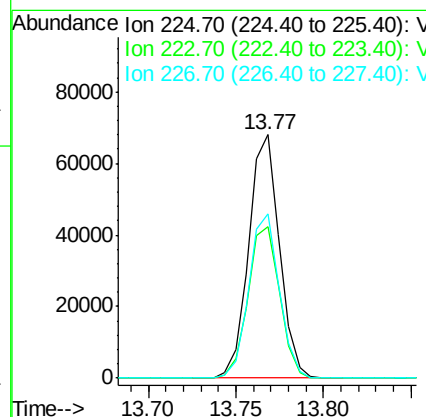
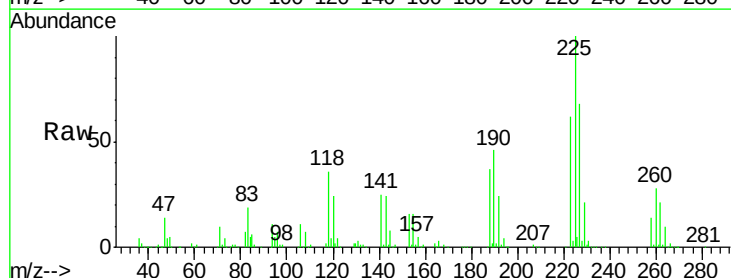
Manual Integrations
 APPROVED

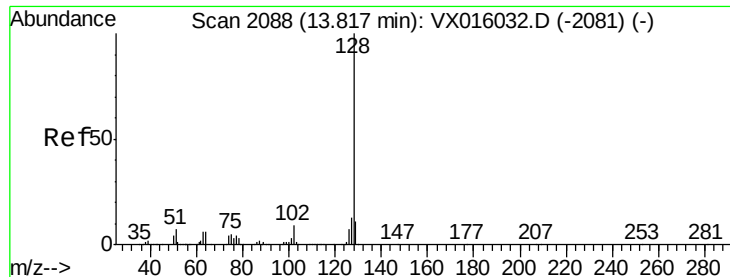
MMDadoda
 5/14/2020 12:16:00 PM



#94
 Hexachlorobutadiene
 Concen: 37.958 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82676		
223	64.2	32.3	96.9	
227	67.1	31.8	95.4	





#95

Naphthalene

Concen: 46.887 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

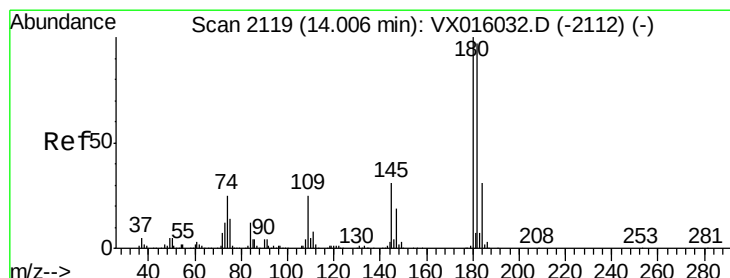
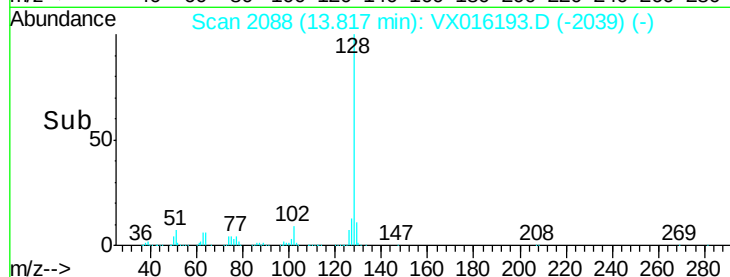
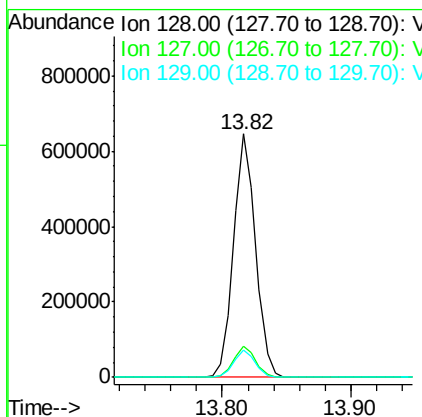
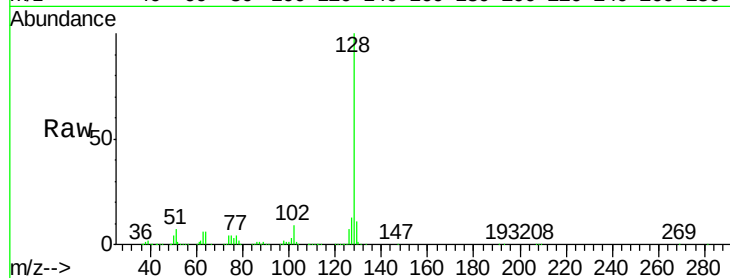
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	770518
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/14/2020 12:16:00 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.034 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion:	180	Resp:	228335
Ion Ratio	Lower	Upper	
180	100		
182	91.7	48.4	145.0
145	31.8	16.4	49.1

