

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016625.D
 Acq On : 05 Jun 2020 20:27
 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
 6/8/2020 4:55:44 PM

Quant Time: Jun 06 07:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	221813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	324998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133749	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.46	113	107020	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.70	98	409665	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.12	95	160342	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	100743	46.151	ug/l	98
3) Chloromethane	1.31	50	109855	41.645	ug/l	100
4) Vinyl Chloride	1.39	62	125093	44.841	ug/l	100
5) Bromomethane	1.62	94	63537	46.842	ug/l	98
6) Chloroethane	1.70	64	77038	47.341	ug/l	97
7) Trichlorofluoromethane	1.91	101	189970	51.853	ug/l	100
8) Diethyl Ether	2.17	74	72705	47.592	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	99712	49.452	ug/l	97
10) Methyl Iodide	2.49	142	95383	40.230	ug/l	99
11) Tert butyl alcohol	3.02	59	157025	222.298	ug/l	100
12) 1,1-Dichloroethene	2.36	96	102562	48.054	ug/l	96
13) Acrolein	2.27	56	86495	287.854	ug/l	96
14) Allyl chloride	2.70	41	170771	43.507	ug/l	97
15) Acrylonitrile	3.12	53	335251	231.693	ug/l	99
16) Acetone	2.42	43	277068	229.576	ug/l	99
17) Carbon Disulfide	2.55	76	272719	43.028	ug/l	100
18) Methyl Acetate	2.75	43	146218	47.237	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	375703	49.021	ug/l	99
20) Methylene Chloride	2.83	84	119299	47.778	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	113775	48.193	ug/l	92
22) Diisopropyl ether	3.82	45	339021	44.961	ug/l	98
23) Vinyl Acetate	3.78	43	1501344	227.474	ug/l	97
24) 1,1-Dichloroethane	3.67	63	204963	48.160	ug/l	99
25) 2-Butanone	4.64	43	454009	222.011	ug/l	94
26) 2,2-Dichloropropane	4.55	77	164672	47.286	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	129703	47.490	ug/l	98
28) Bromochloromethane	4.98	49	87744	44.367	ug/l	88
29) Tetrahydrofuran	5.09	42	292352	221.284	ug/l	94
30) Chloroform	5.18	83	211212	49.254	ug/l	99
31) Cyclohexane	5.55	56	160560	41.935	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	197034	50.752	ug/l	99
36) 1,1-Dichloropropene	5.77	75	152609	47.145	ug/l	97
37) Ethyl Acetate	4.79	43	168784	43.430	ug/l	97
38) Carbon Tetrachloride	5.76	117	178066	52.345	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163340	46.457	ug/l	97
40) Benzene	6.11	78	465207	48.260	ug/l	98
41) Methacrylonitrile	5.01	41	94095	44.079	ug/l	97
42) 1,2-Dichloroethane	6.16	62	169567	49.464	ug/l	100
43) Isopropyl Acetate	6.42	43	270612	44.641	ug/l	98
44) Trichloroethene	7.19	130	146274	47.826	ug/l	97
45) 1,2-Dichloropropane	7.49	63	115952	47.249	ug/l	98
46) Dibromomethane	7.64	93	82655	50.145	ug/l	97
47) Bromodichloromethane	7.88	83	173344	50.790	ug/l	98
48) Methyl methacrylate	7.74	41	131271	45.227	ug/l	96
49) 1,4-Dioxane	7.71	88	61213	901.187	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	871679	230.937	ug/l	98
52) Toluene	8.77	92	301336	49.572	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191445	49.330	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	202501	49.297	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	122199	50.560	ug/l	98
56) Ethyl methacrylate	9.16	69	192312	48.857	ug/l	96
57) 1,3-Dichloropropane	9.35	76	205164	49.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	497651	242.219	ug/l	95
59) 2-Hexanone	9.48	43	680878	231.962	ug/l	98
60) Dibromochloromethane	9.57	129	145592	53.529	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132532	51.207	ug/l	100
64) Tetrachloroethene	9.32	164	166806	45.876	ug/l	93
65) Chlorobenzene	10.12	112	328940	49.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	130746	51.694	ug/l	97
67) Ethyl Benzene	10.24	91	571681	48.461	ug/l	98
68) m/p-Xylenes	10.34	106	437471	100.018	ug/l	100
69) o-Xylene	10.68	106	209078	49.358	ug/l	98
70) Styrene	10.70	104	374097	51.380	ug/l	99
71) Bromoform	10.84	173	114986	53.793	ug/l #	98
73) Isopropylbenzene	11.01	105	557621	46.238	ug/l	100
74) N-amyl acetate	10.88	43	229887	41.442	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	154237	51.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	175278m	45.815	ug/l	
77) Bromobenzene	11.24	156	151017	47.744	ug/l	96
78) n-propylbenzene	11.34	91	625036	46.390	ug/l	99
79) 2-Chlorotoluene	11.40	91	382730	46.537	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	481405	47.807	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	66853	42.984	ug/l	99
82) 4-Chlorotoluene	11.49	91	457482	47.105	ug/l	100
83) tert-Butylbenzene	11.76	119	423326	49.200	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	491376	48.251	ug/l	100
85) sec-Butylbenzene	11.93	105	516680	47.869	ug/l	100
86) p-Isopropyltoluene	12.05	119	494624	48.920	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	262947	47.983	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	264494	47.192	ug/l	99
89) n-Butylbenzene	12.37	91	405936	48.201	ug/l	99
90) Hexachloroethane	12.58	117	86683	49.634	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	257190	48.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45038	46.004	ug/l	97

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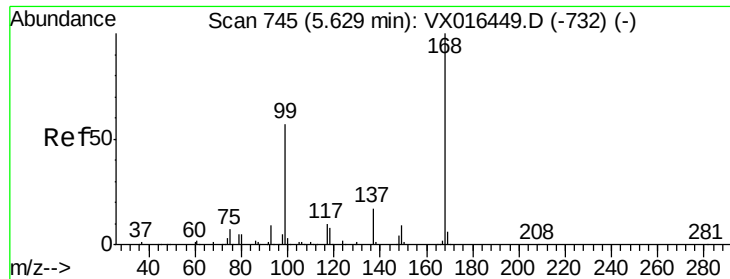
Manual Integrations
APPROVED

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6/8/2020 4:55:44 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	172508	48.923	ug/l	99
94) Hexachlorobutadiene	13.77	225	73510	53.098	ug/l	97
95) Naphthalene	13.82	128	579129	47.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	174620	50.549	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 221813

Ion Ratio Lower Upper

168 100

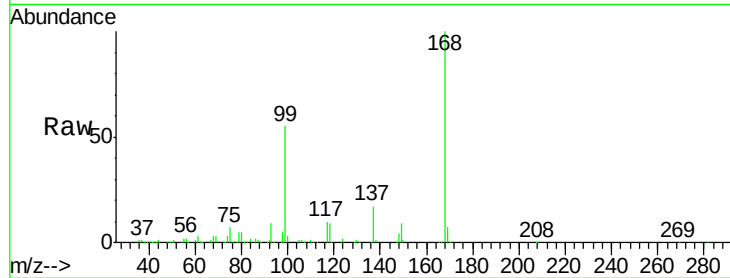
99 55.3 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

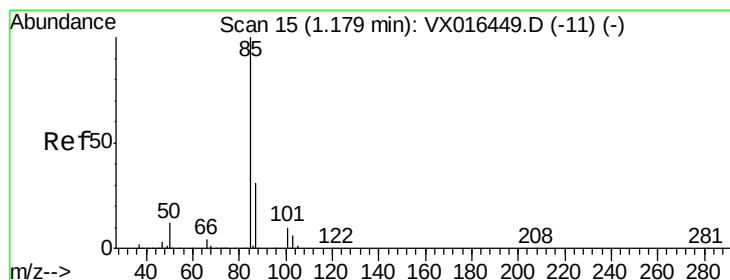
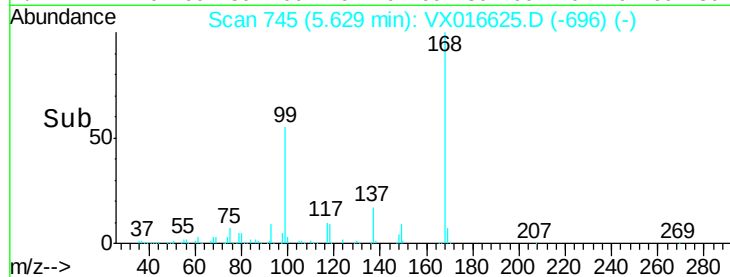
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.151 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016625.D

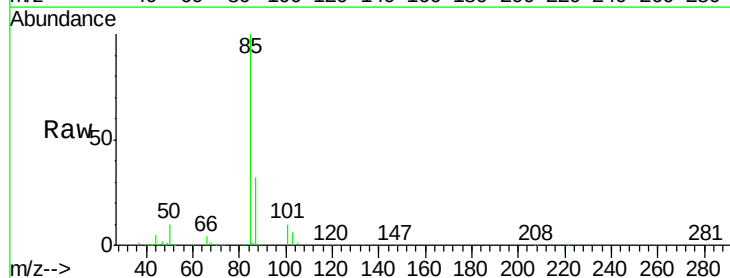
Acq: 05 Jun 2020 20:27

Tgt Ion: 85 Resp: 100743

Ion Ratio Lower Upper

85 100

87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

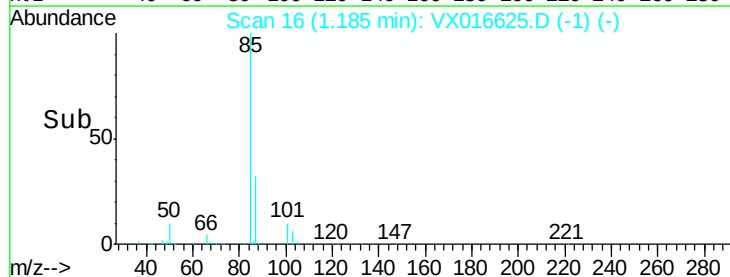
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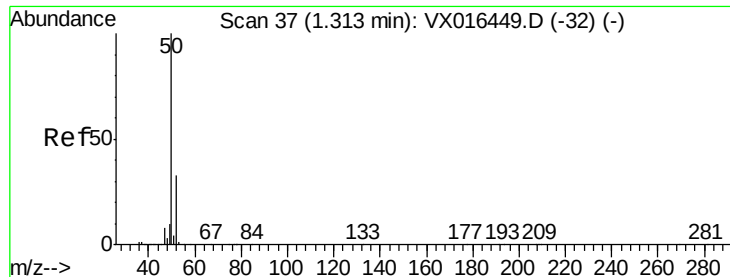
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.645 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 109855

Ion Ratio Lower Upper

50 100

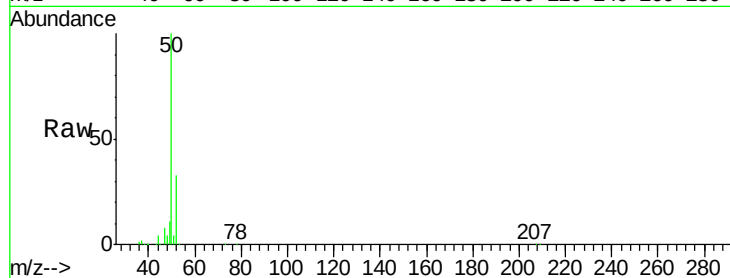
52 32.6 26.2 39.2

Manual Integrations

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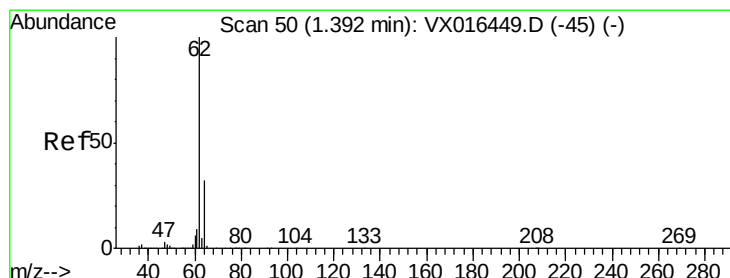
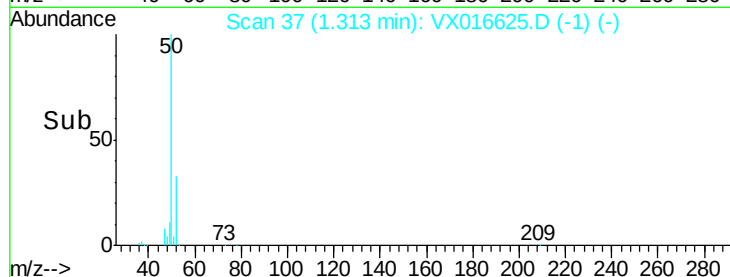
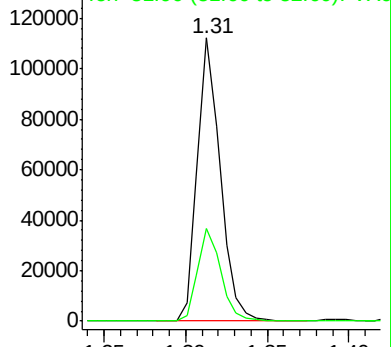
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.841 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016625.D

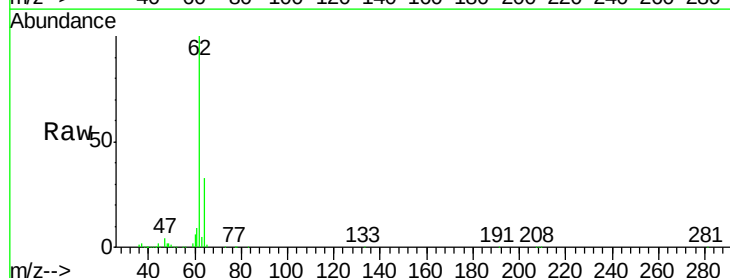
Acq: 05 Jun 2020 20:27

Tgt Ion: 62 Resp: 125093

Ion Ratio Lower Upper

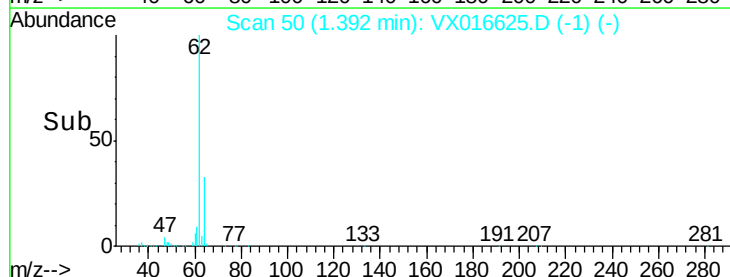
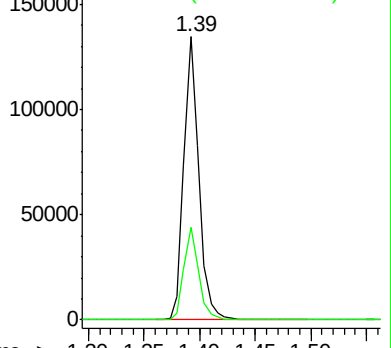
62 100

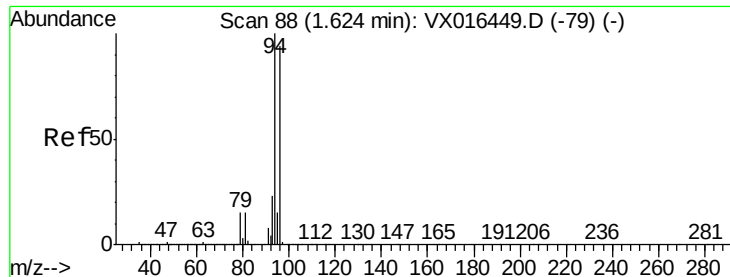
64 32.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.842 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 63537

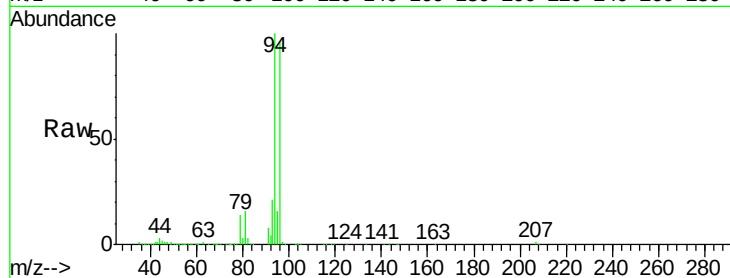
Ion Ratio Lower Upper

94 100

96 95.4 75.1 112.7

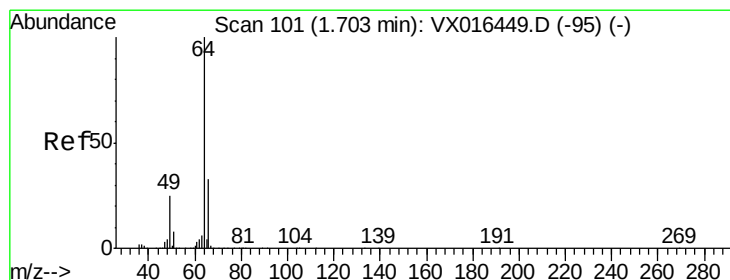
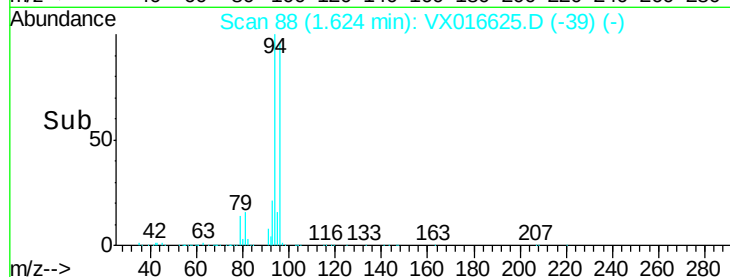
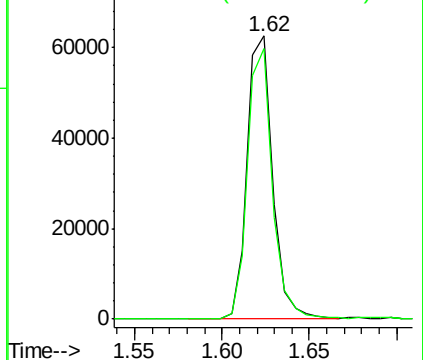
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.341 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016625.D

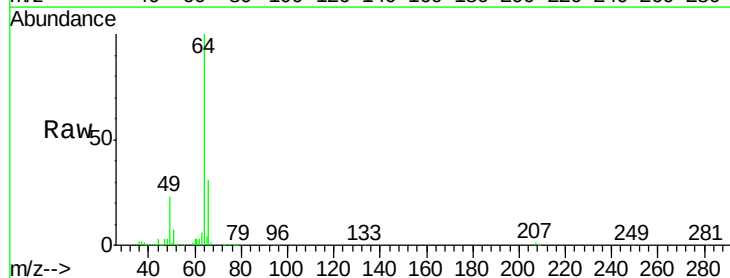
Acq: 05 Jun 2020 20:27

Tgt Ion: 64 Resp: 77038

Ion Ratio Lower Upper

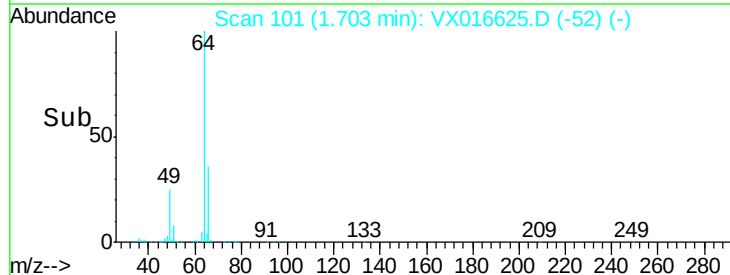
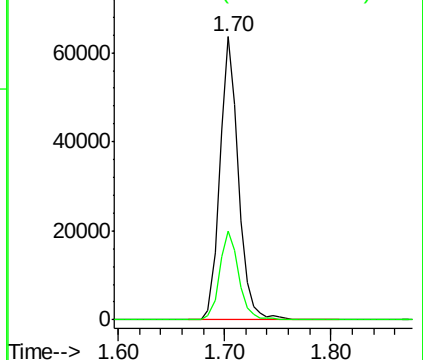
64 100

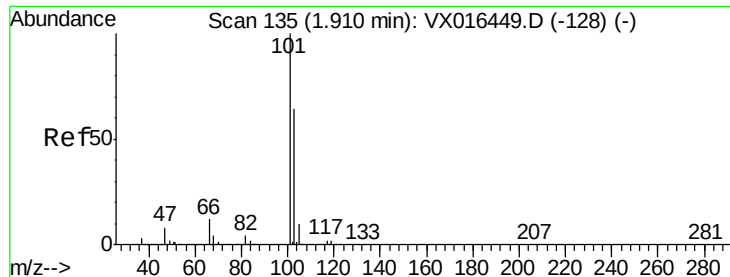
66 31.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

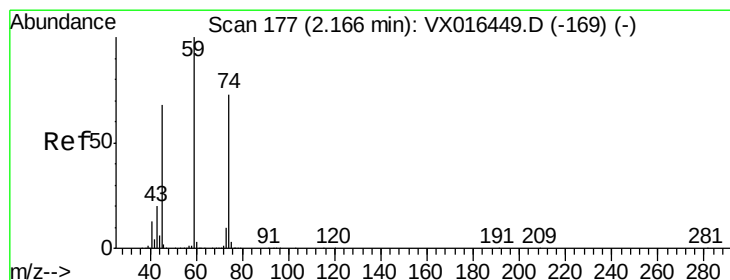
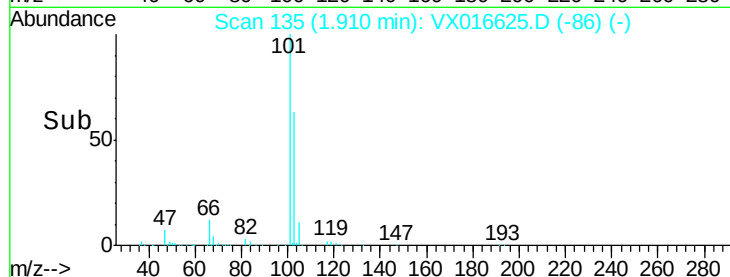
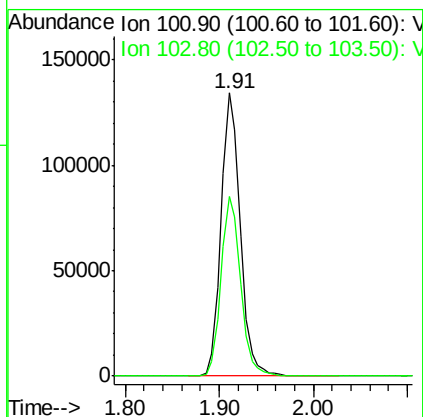
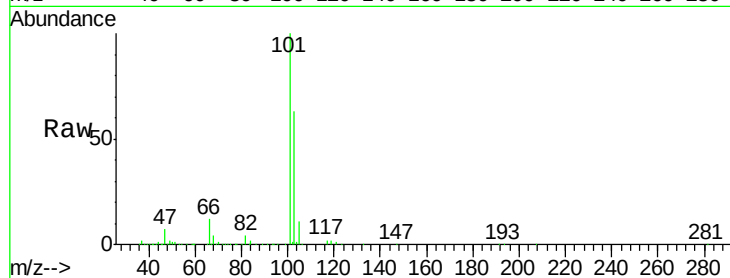
Trichlorofluoromethane
Concen: 51.853 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		189970		
103	63.3	50.9	76.3		

Manual Integrations
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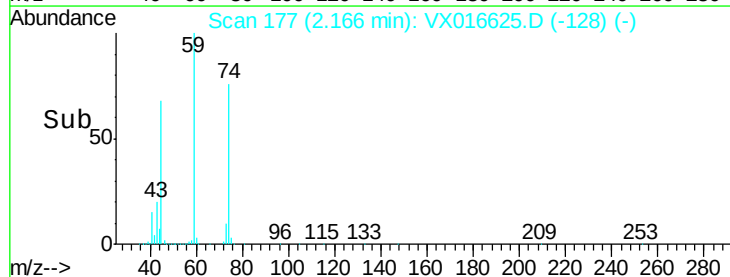
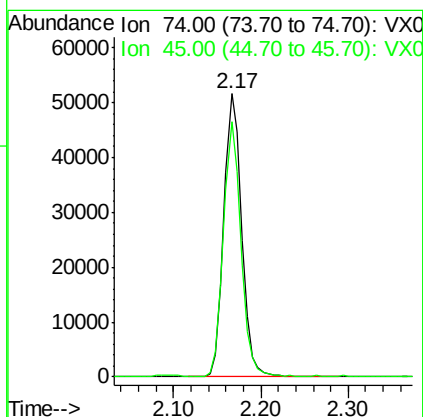
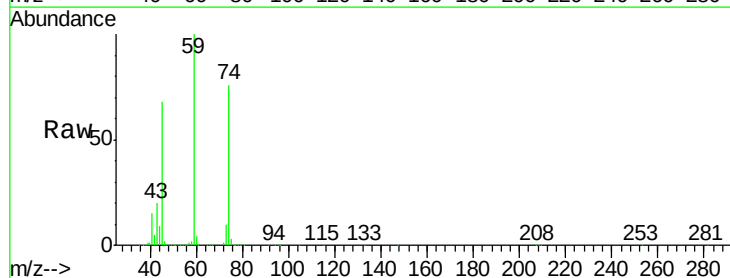
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6/8/2020 4:55:44 PM

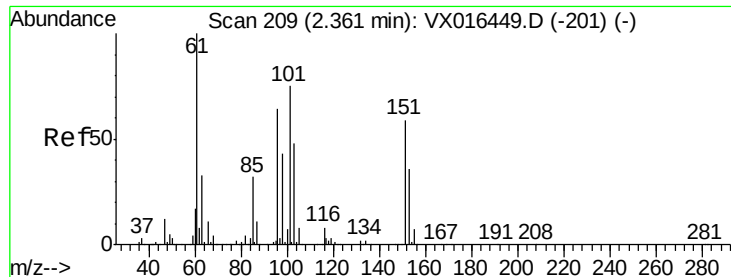


#8

Diethyl Ether
Concen: 47.592 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		72705		
45	87.6	47.5	142.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.452 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

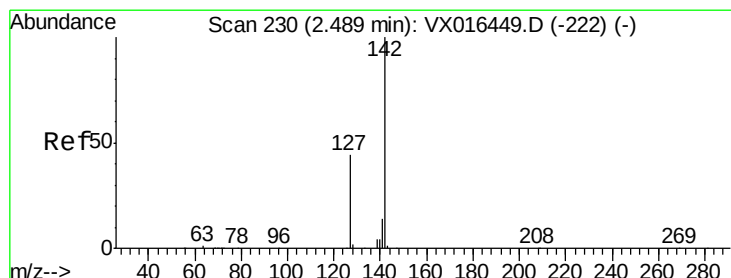
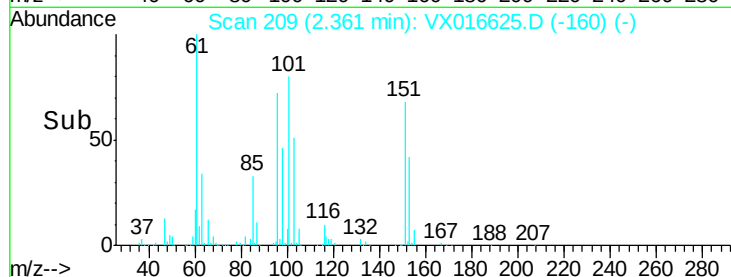
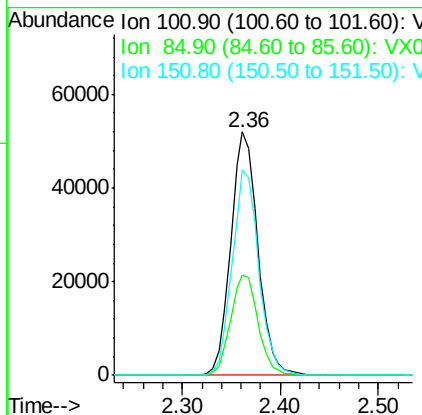
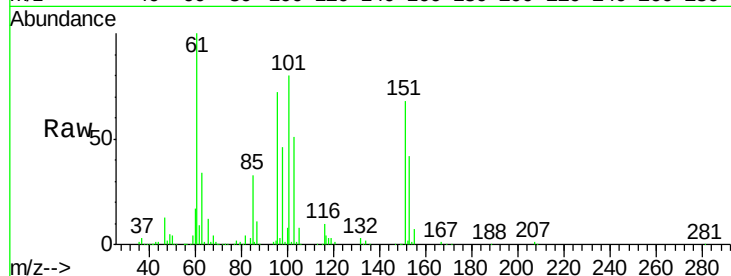
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	99712
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	83.1	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 40.230 ug/l

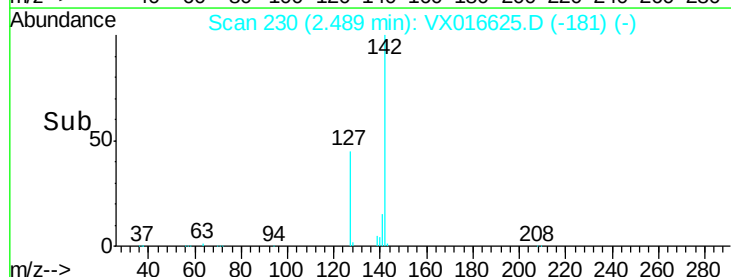
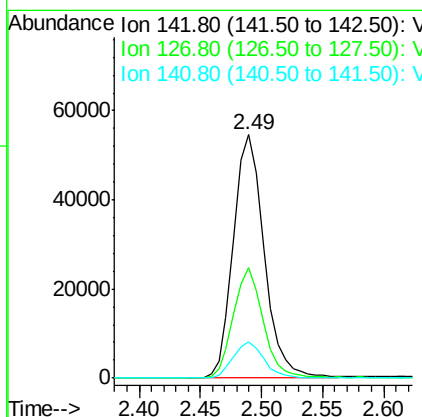
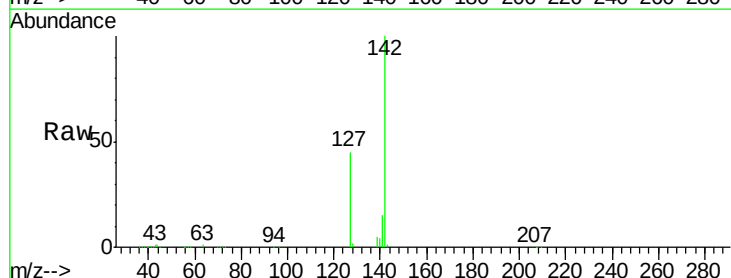
RT: 2.49 min Scan# 230

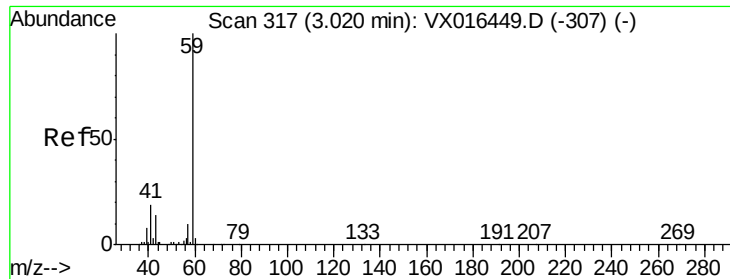
Delta R.T. 0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	142	Resp:	95383
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.3	52.9
141	14.9	11.4	17.2





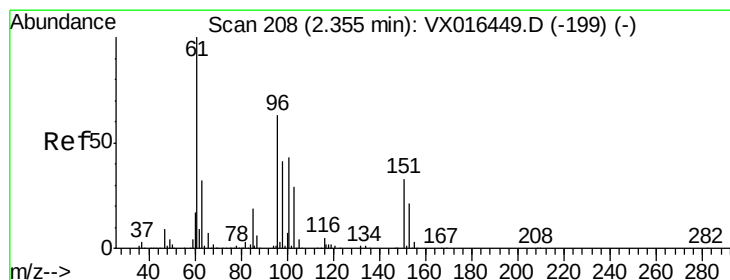
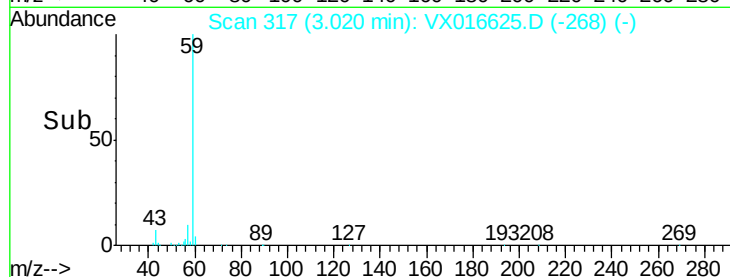
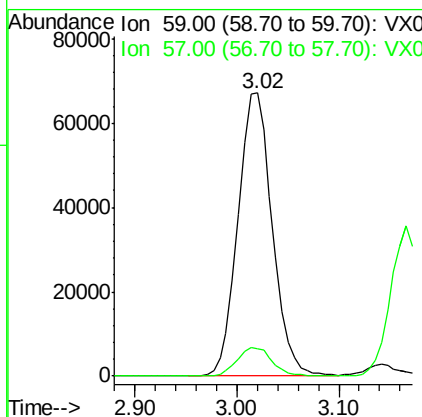
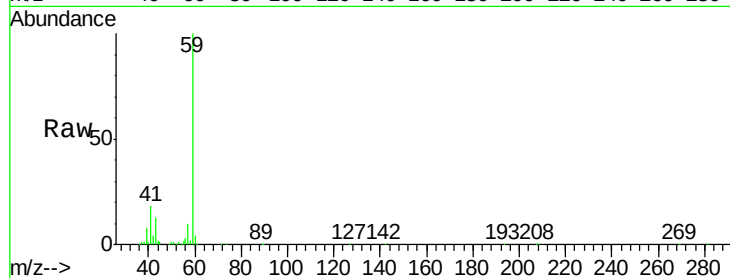
#11
Tert butyl alcohol
Concen: 222.298 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	157025
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.4

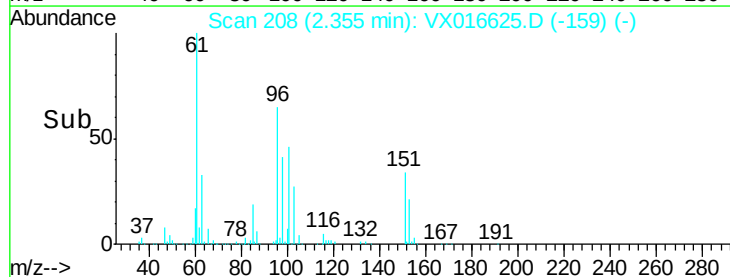
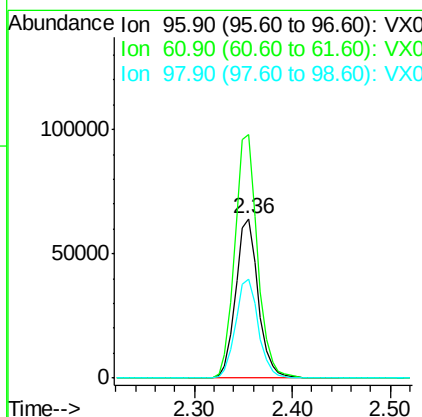
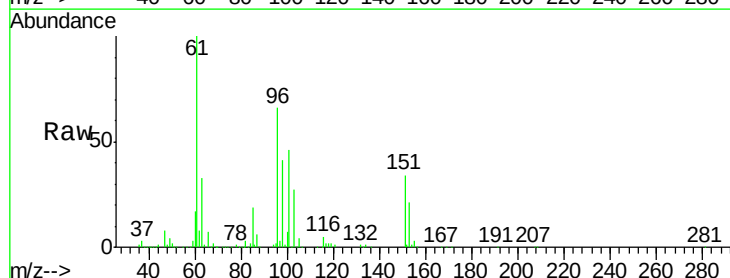
Manual Integrations
APPROVED

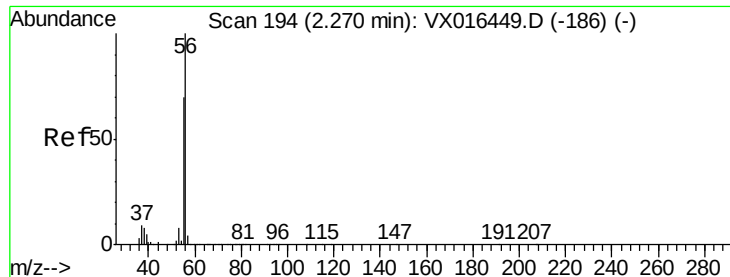
MMDadoda
6/8/2020 4:55:44 PM



#12
1,1-Dichloroethene
Concen: 48.054 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	96	Resp	102562
Ion Ratio	100	Lower	Upper
61	152.4	126.6	189.8
98	62.1	51.3	76.9





#13

Acrolein

Concen: 287.854 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 86495

Ion Ratio Lower Upper

56 100

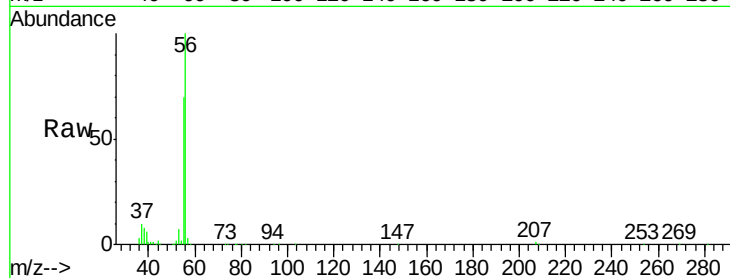
55 69.7 58.3 87.5

Manual Integrations

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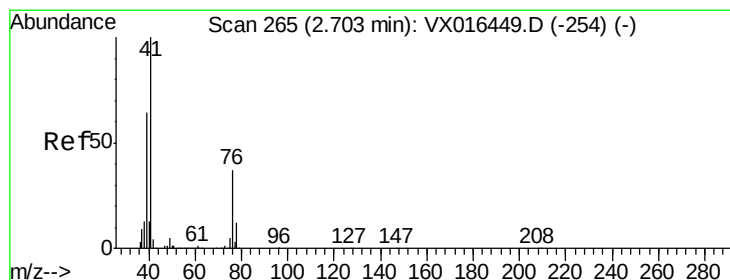
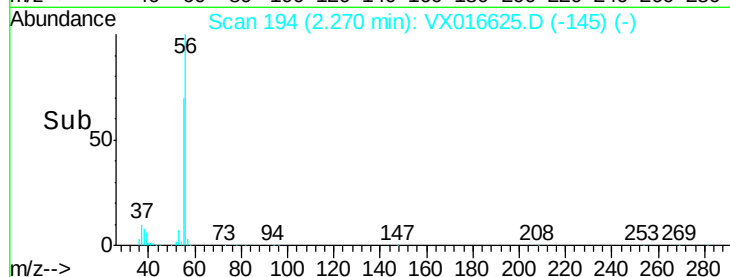
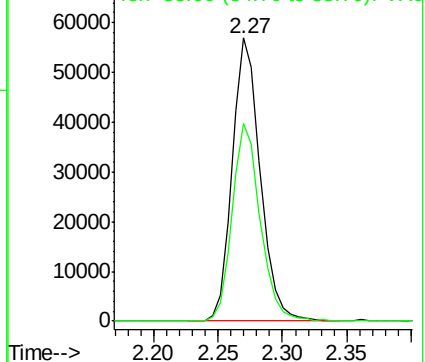
MMDadoda

6/8/2020 4:55:44 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.507 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

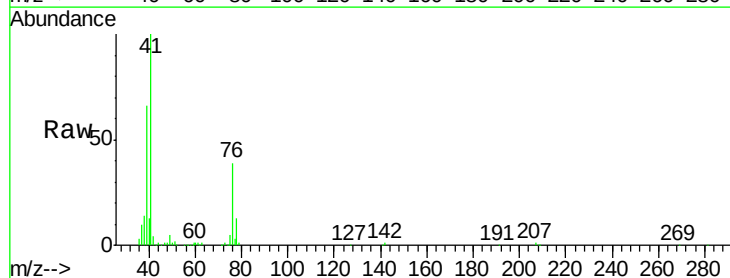
Tgt Ion: 41 Resp: 170771

Ion Ratio Lower Upper

41 100

39 61.5 47.7 71.5

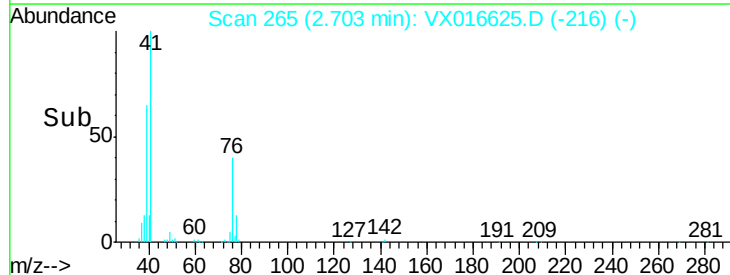
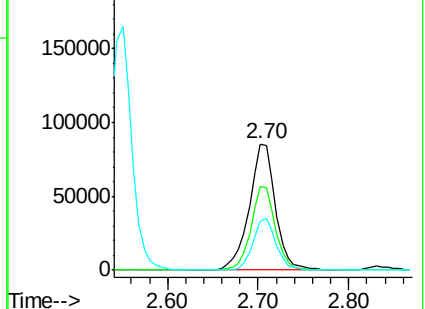
76 36.0 26.6 40.0

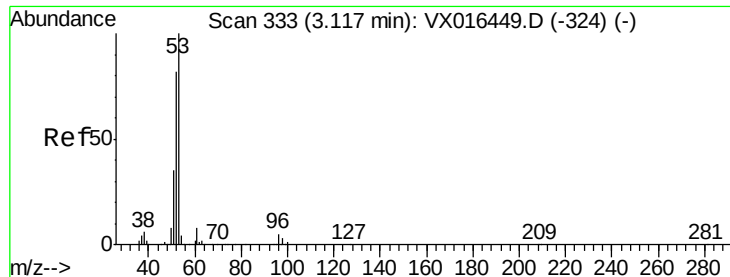


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





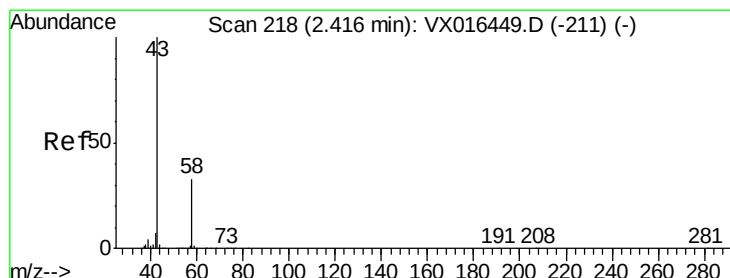
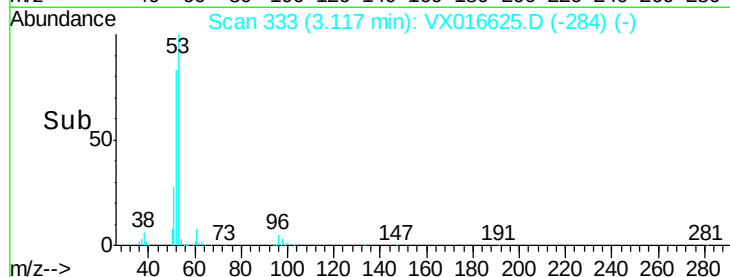
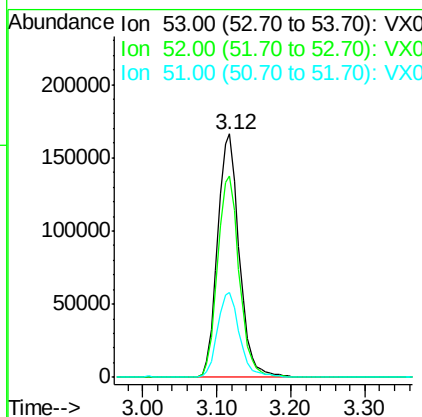
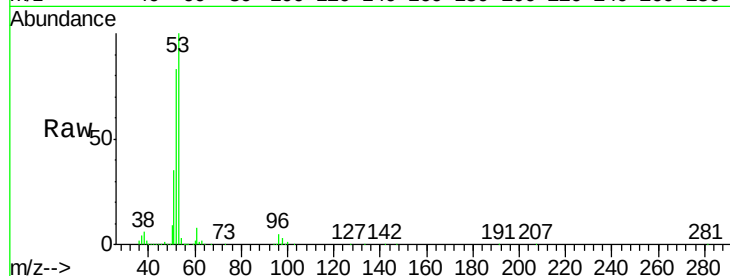
#15
 Acrylonitrile
 Concen: 231.693 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	335251
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.7	100.1
51	35.9	28.6	43.0

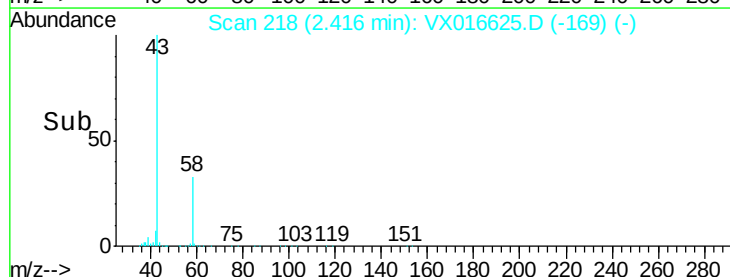
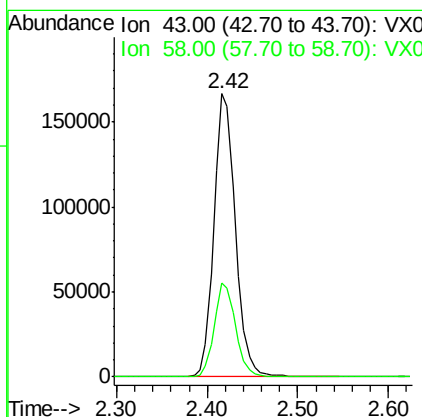
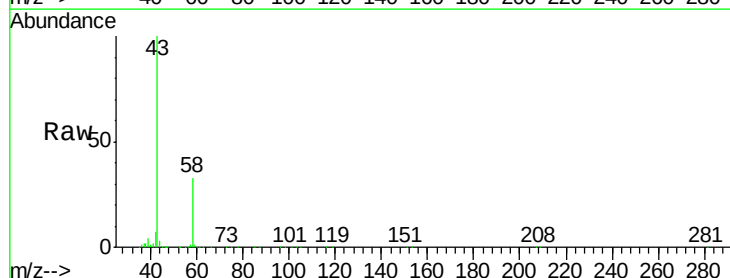
Manual Integrations
 APPROVED

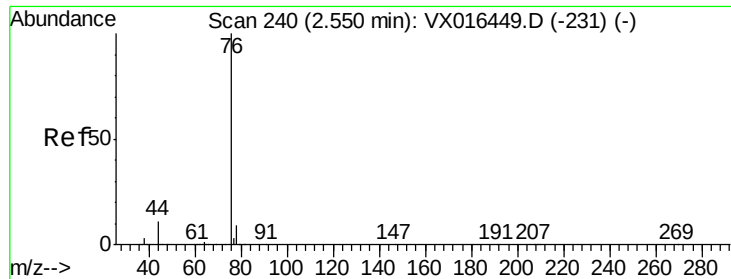
MMDadoda
 6/8/2020 4:55:44 PM



#16
 Acetone
 Concen: 229.576 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion:	43	Resp:	277068
Ion Ratio	Lower	Upper	
43	100		
58	33.2	26.1	39.1





#17

Carbon Disulfide

Concen: 43.028 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 272719

Ion Ratio Lower Upper

76 100

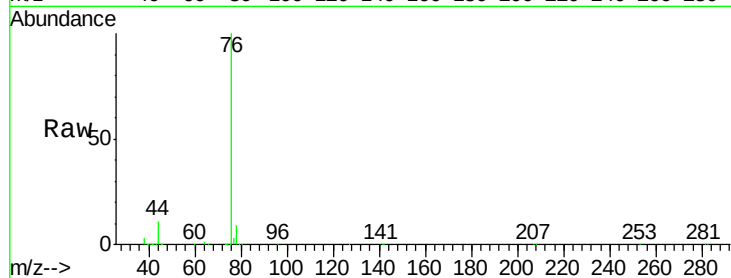
78 9.2 7.4 11.0

Manual Integrations

APPROVED

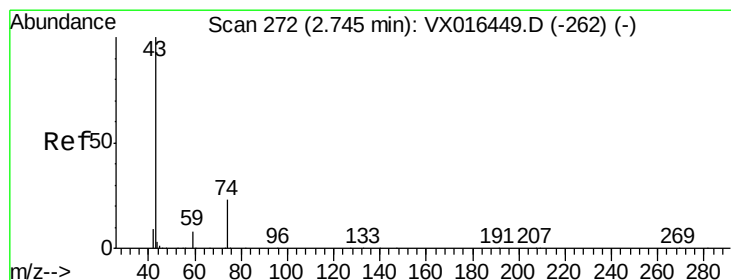
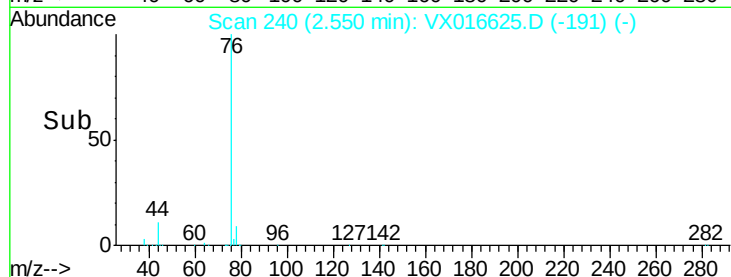
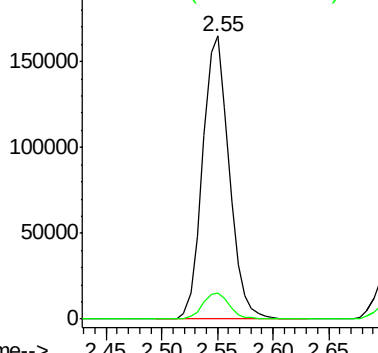
MMDadoda

6/8/2020 4:55:44 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.237 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016625.D

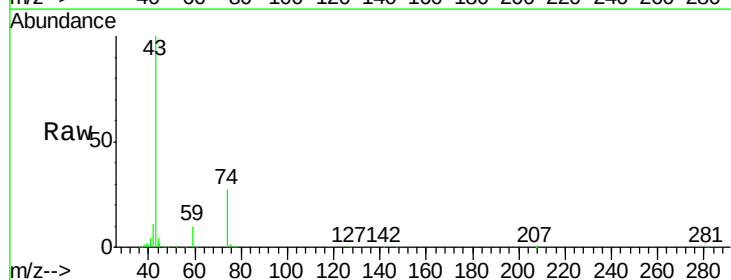
Acq: 05 Jun 2020 20:27

Tgt Ion: 43 Resp: 146218

Ion Ratio Lower Upper

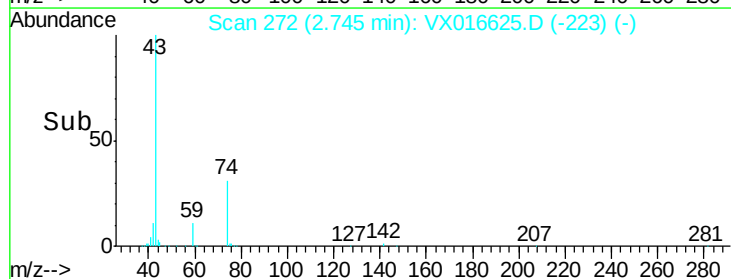
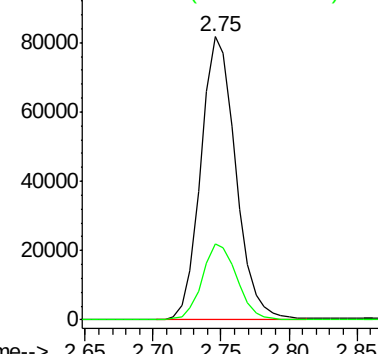
43 100

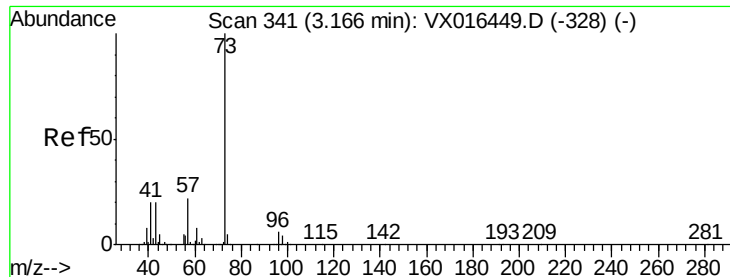
74 27.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





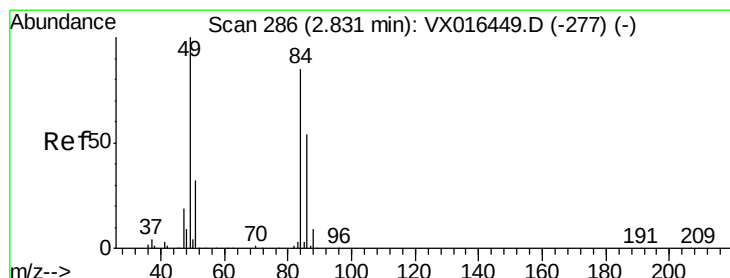
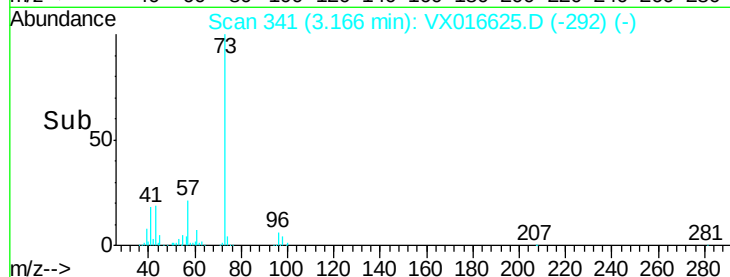
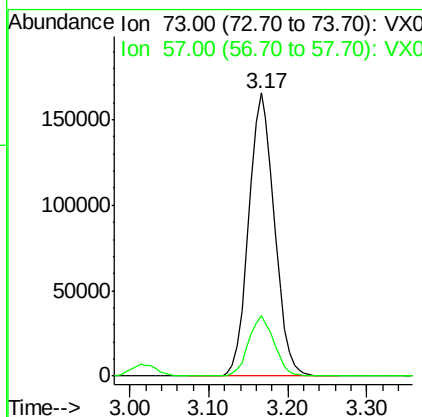
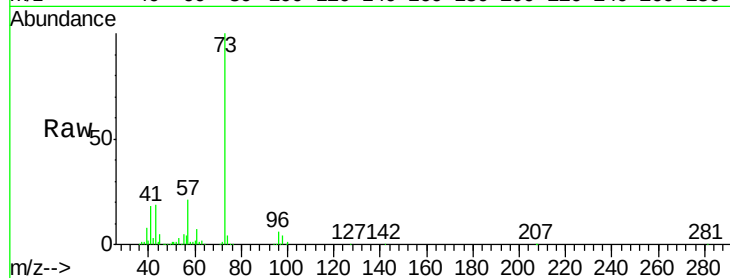
#19
Methyl tert-butyl Ether
Concen: 49.021 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.6

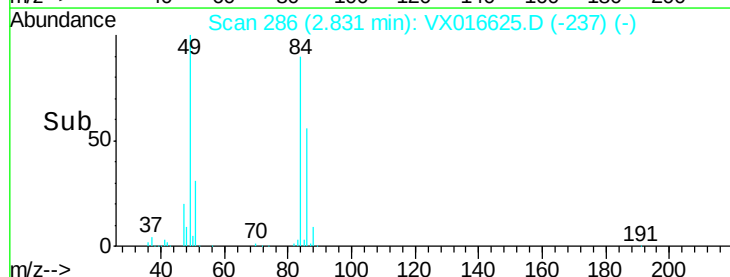
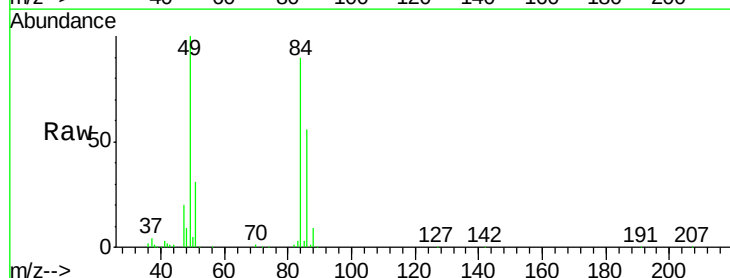
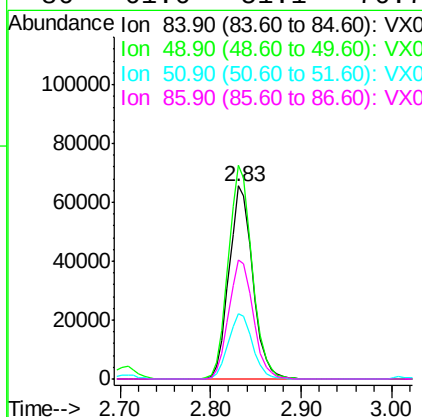
Manual Integrations
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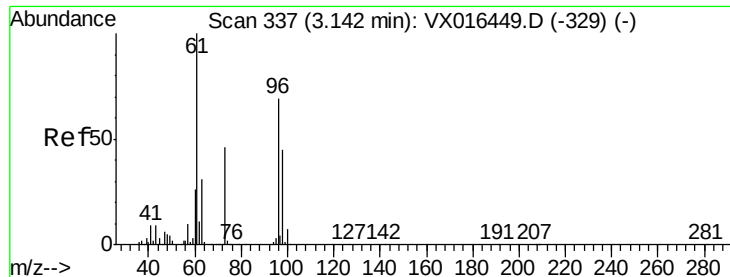
MMDadoda
6/8/2020 4:55:44 PM



#20
Methylene Chloride
Concen: 47.778 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.8	94.5	141.7
51	33.9	30.2	45.4
86	61.6	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.193 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 113775

Ion Ratio Lower Upper

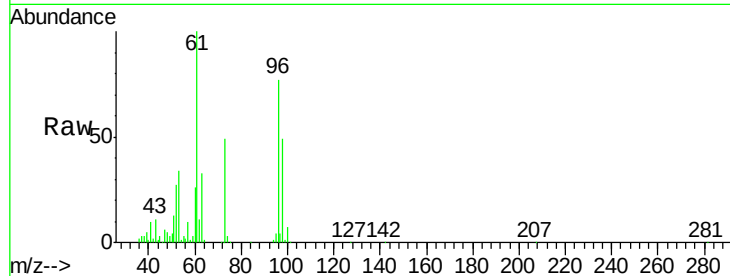
96 100

61 129.9 115.3 172.9

98 63.6 51.9 77.9

Manual Integrations
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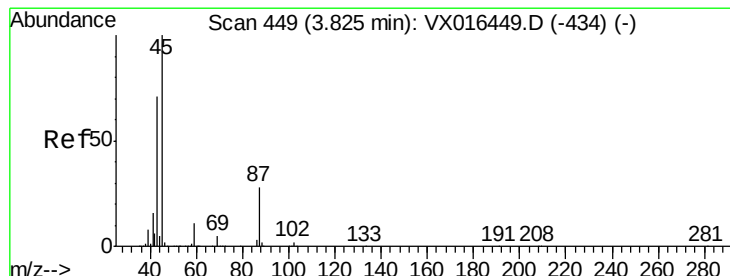
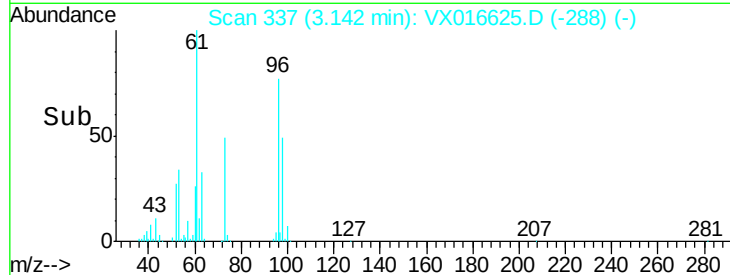
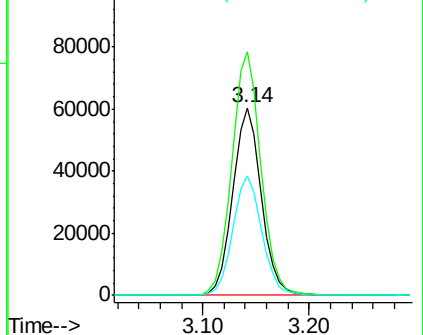


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.961 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion: 45 Resp: 339021

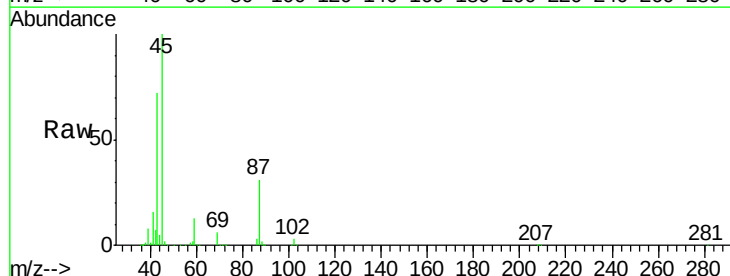
Ion Ratio Lower Upper

45 100

43 71.7 57.0 85.6

87 31.1 22.5 33.7

59 12.6 9.1 13.7



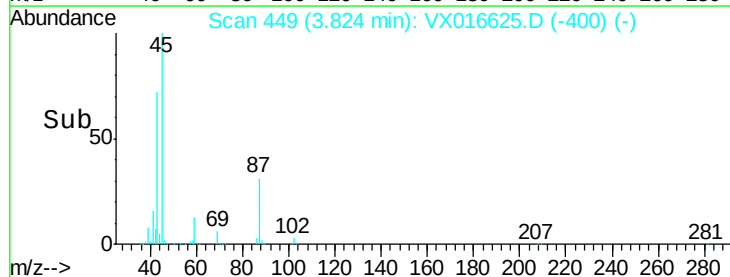
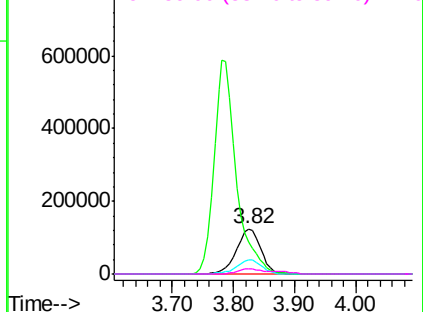
Abundance

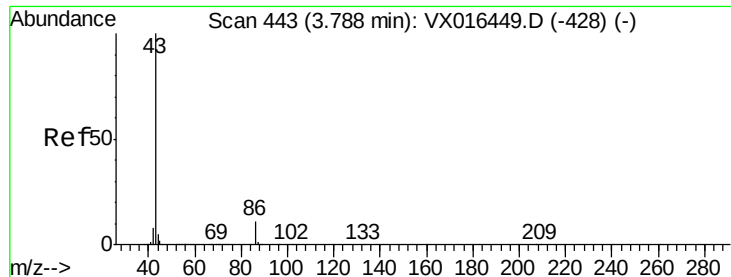
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 227.474 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1501344

Ion Ratio Lower Upper

43 100

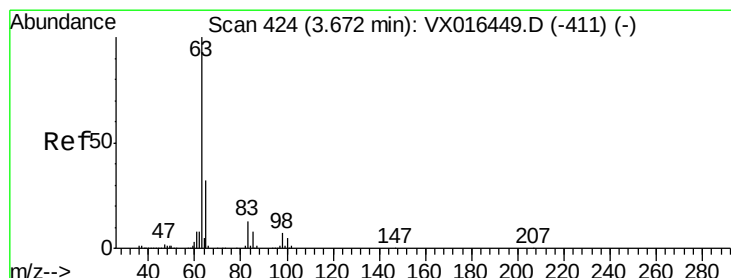
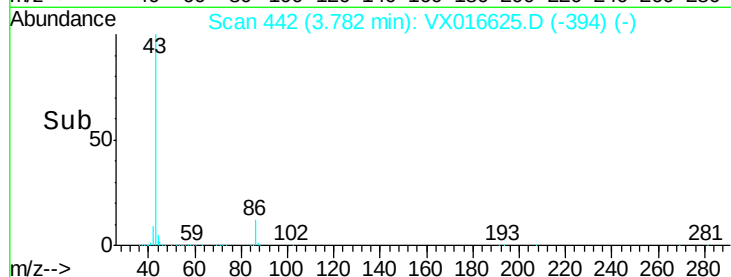
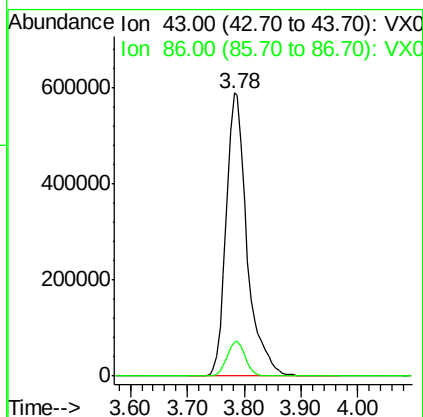
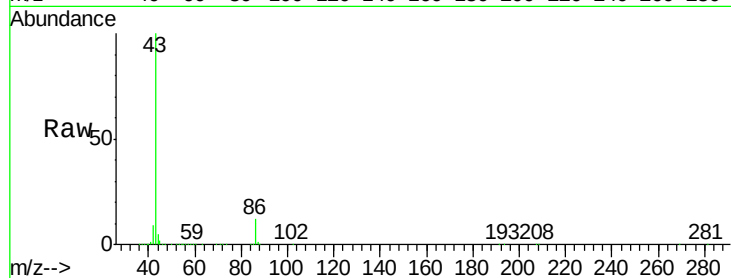
86 11.9 8.6 13.0

Manual Integrations

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MMDadoda

6/8/2020 4:55:44 PM



#24

1,1-Dichloroethane

Concen: 48.160 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

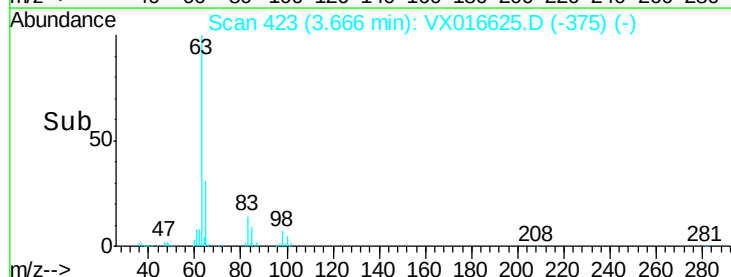
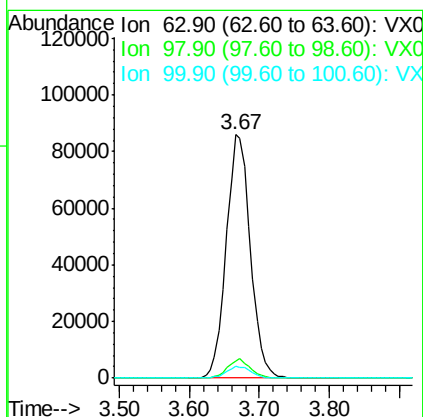
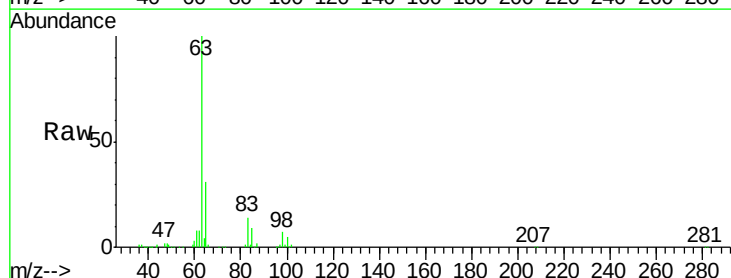
Tgt Ion: 63 Resp: 204963

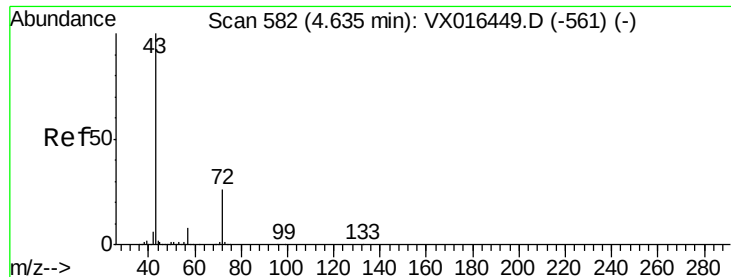
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 222.011 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 454009

Ion Ratio Lower Upper

43 100

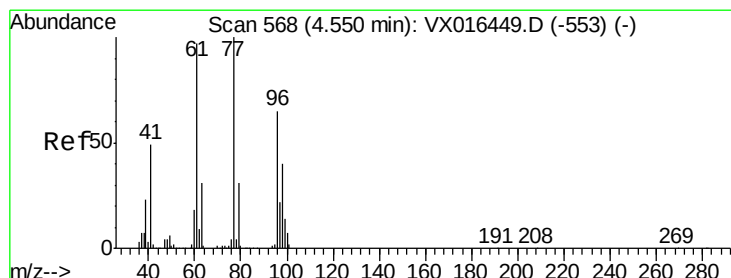
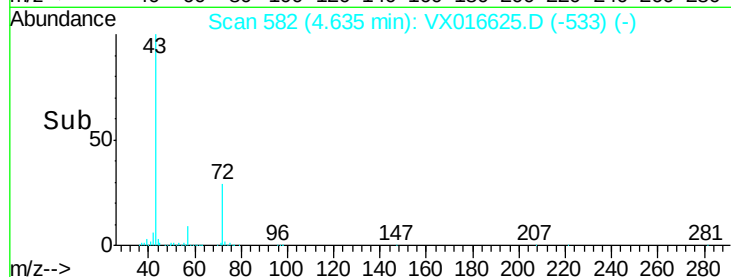
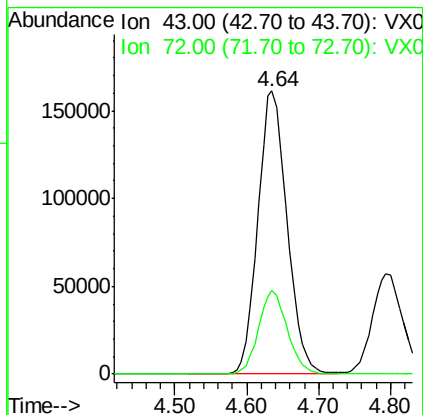
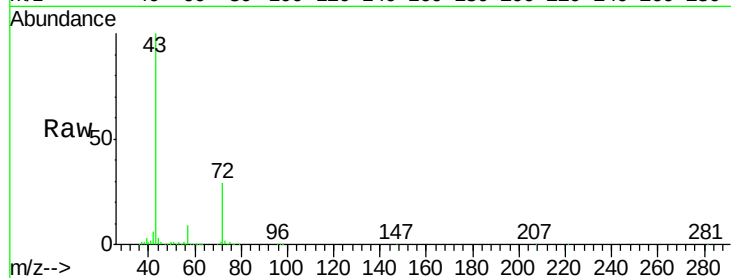
72 29.3 21.0 31.6

Manual Integrations

APPROVED

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#26

2,2-Dichloropropane

Concen: 47.286 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016625.D

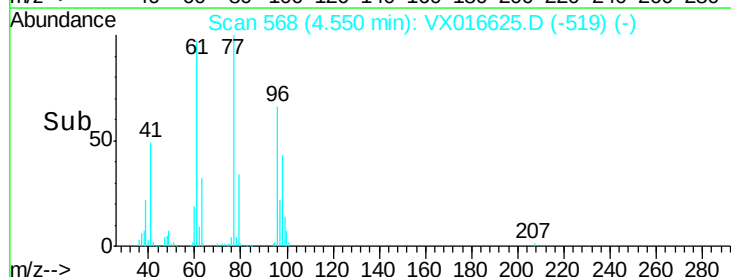
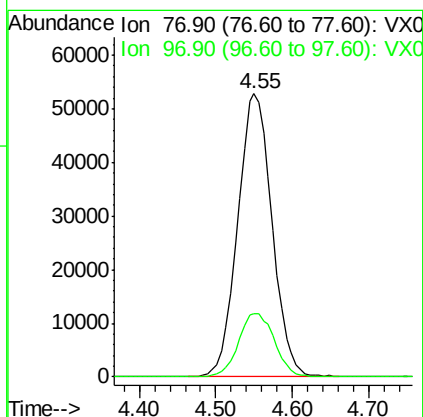
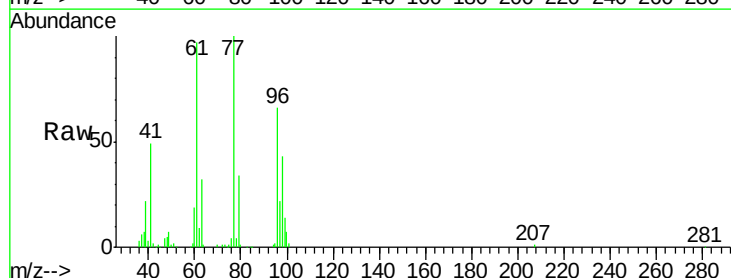
Acq: 05 Jun 2020 20:27

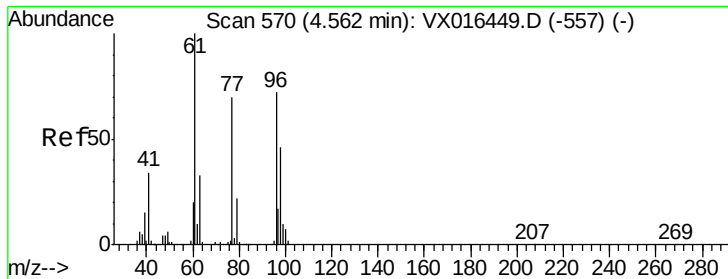
Tgt Ion: 77 Resp: 164672

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

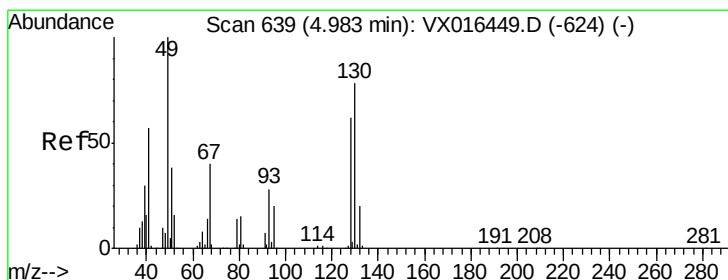
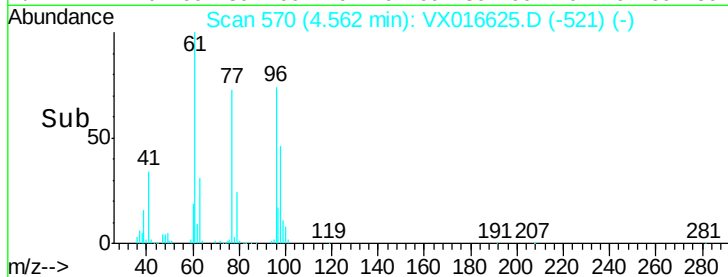
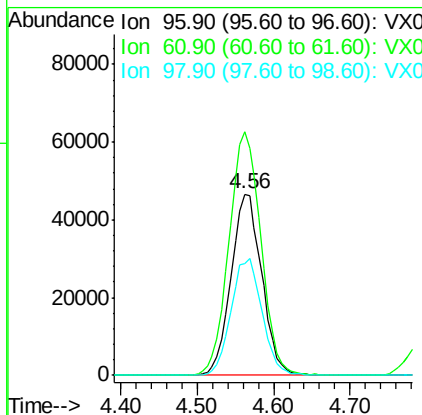
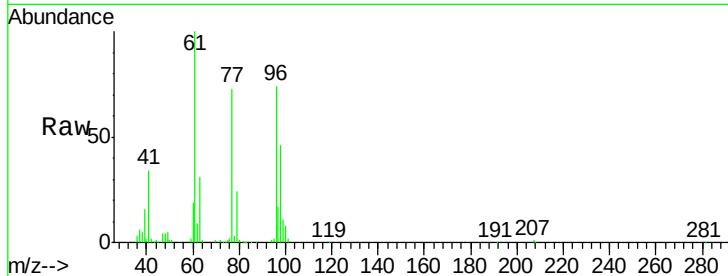
cis-1,2-Dichloroethene
Concen: 47.490 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129703		
61	139.8	0.0	284.6	
98	64.9	0.0	127.2	

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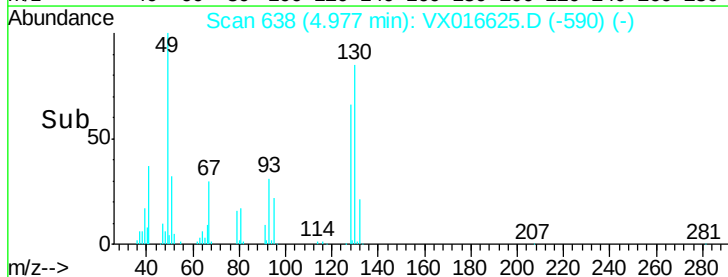
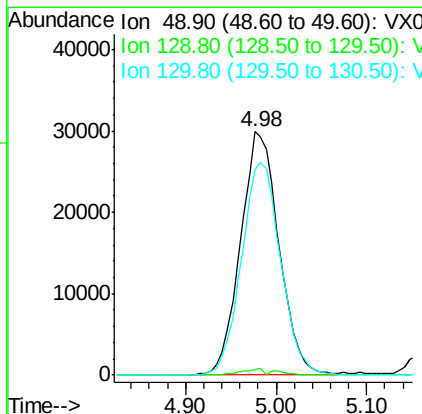
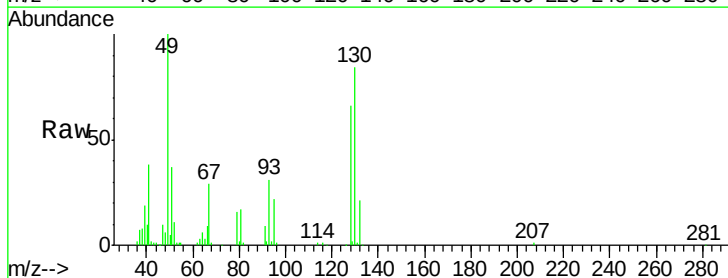
MMDadoda
6/8/2020 4:55:44 PM

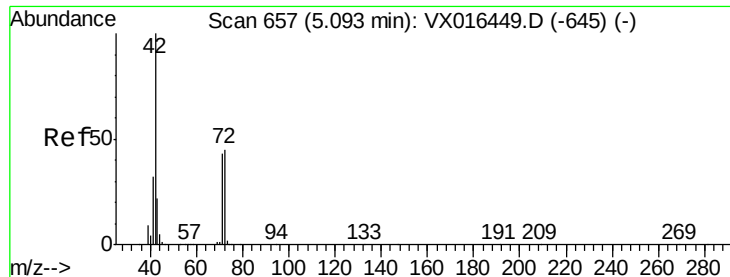


#28

Bromochloromethane
Concen: 44.367 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87744		
129	1.4	0.0	4.0	
130	89.2	63.0	94.4	





#29

Tetrahydrofuran

Concen: 221.284 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

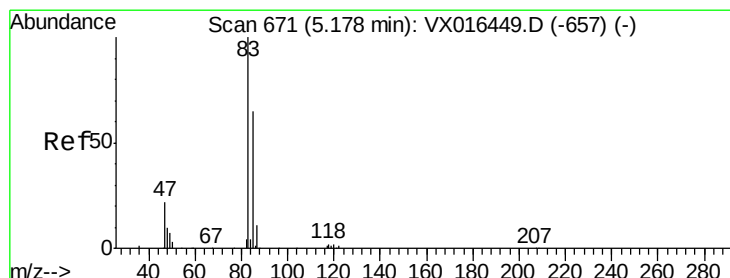
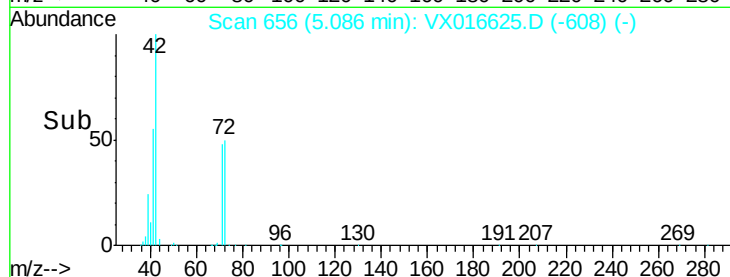
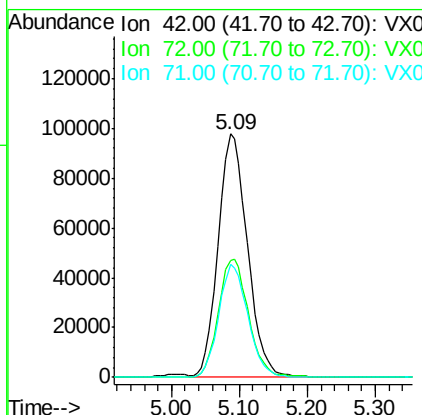
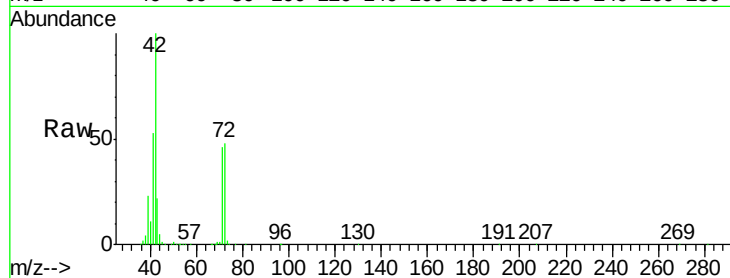
ClientSampleId :

VSTDCCC050EC

Tot Ion	42	Resp	292352
Ion Ratio	Lower	Upper	
42	100		
72	50.1	37.0	55.4
71	46.3	34.1	51.1

Manual Integrations
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#30

Chloroform

Concen: 49.254 ug/l

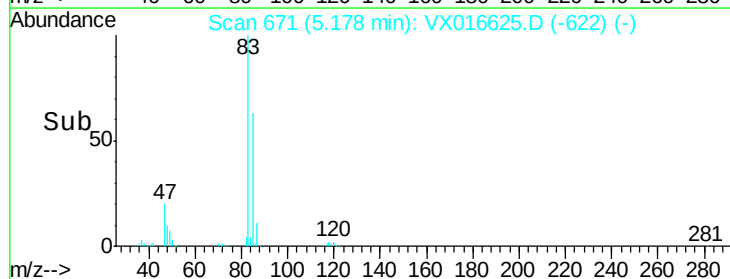
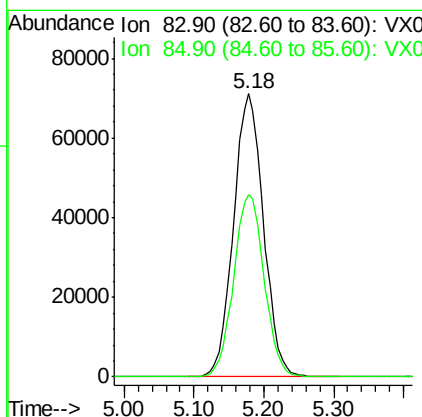
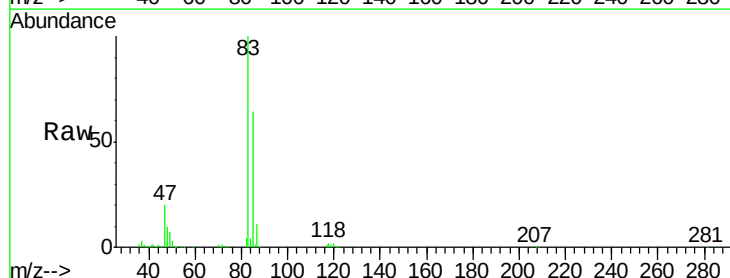
RT: 5.18 min Scan# 671

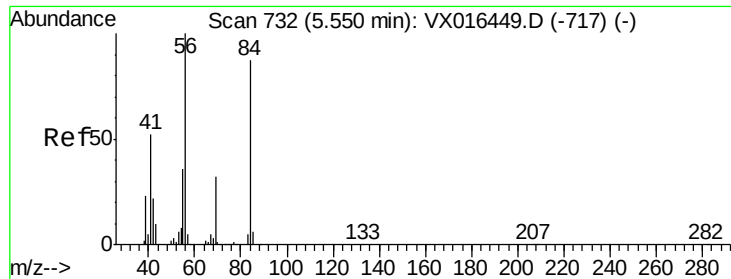
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion	83	Resp	211212
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.0	78.0





#31

Cyclohexane

Concen: 41.935 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

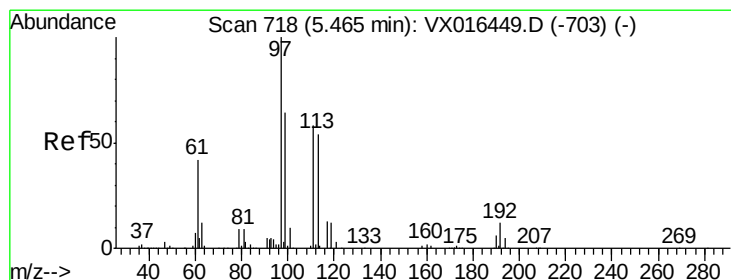
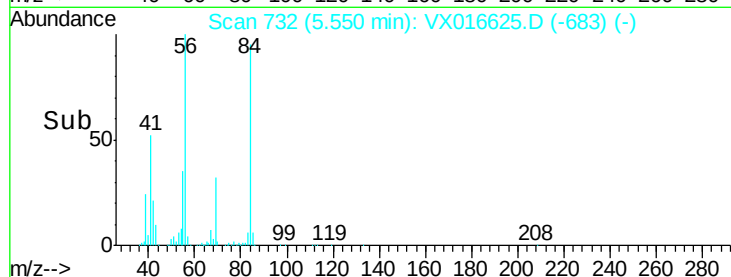
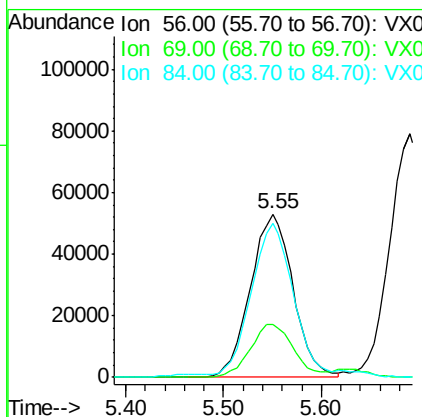
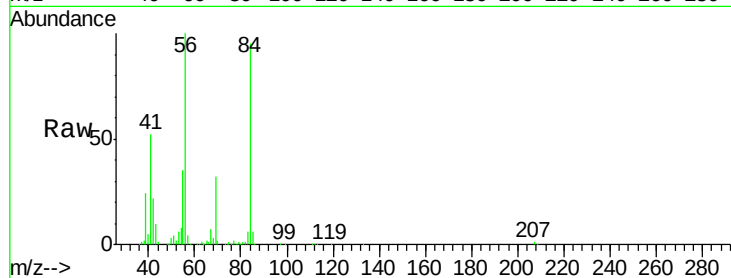
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	160560
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.7	38.5
84	92.8	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.752 ug/l

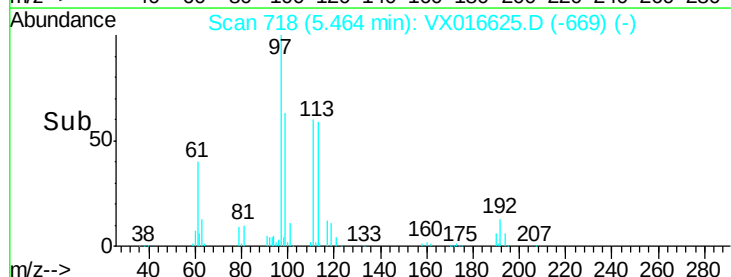
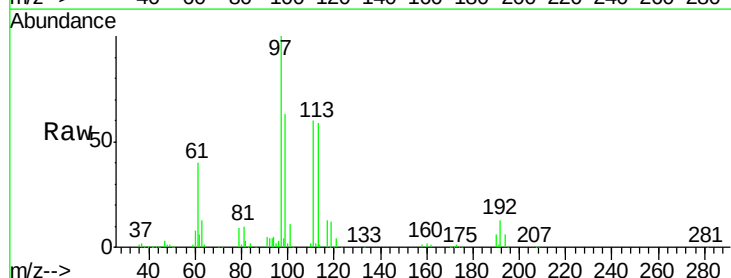
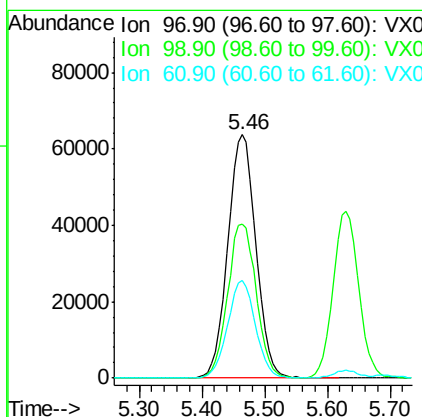
RT: 5.46 min Scan# 718

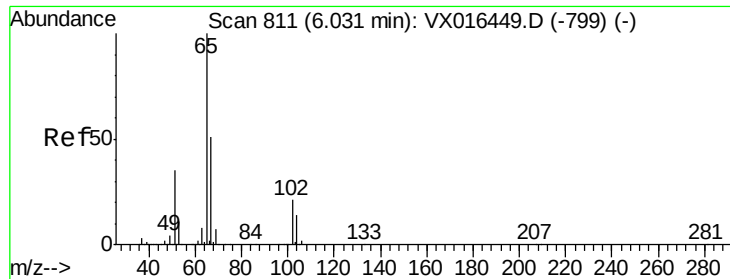
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	97	Resp:	197034
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	39.8	33.5	50.3





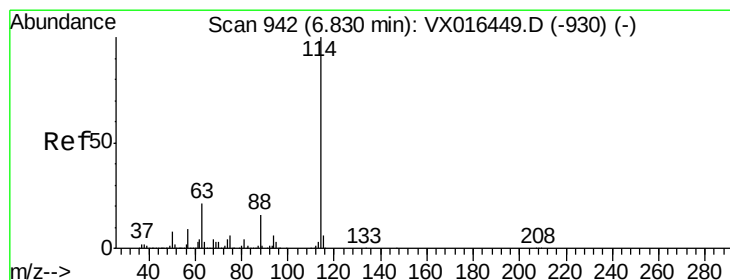
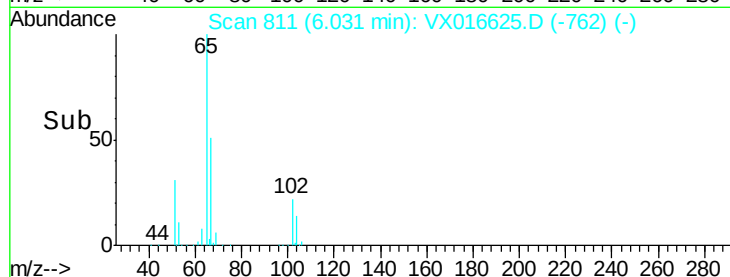
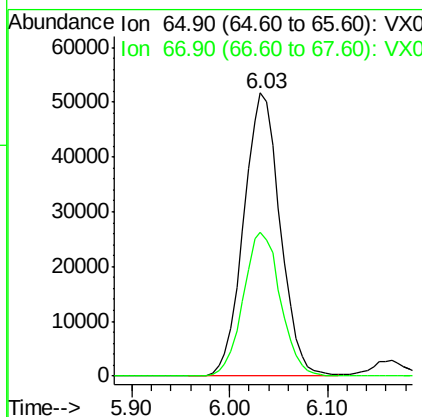
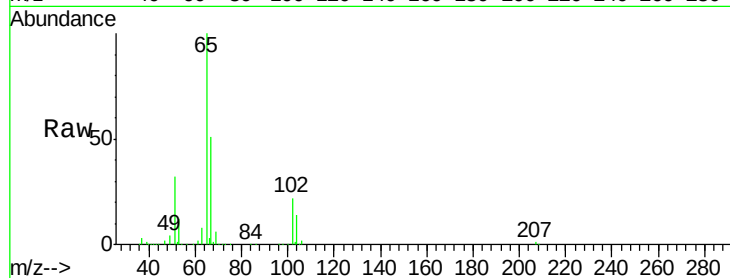
#33
 1,2-Dichloroethane-d4
 Concen: 48.554 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8

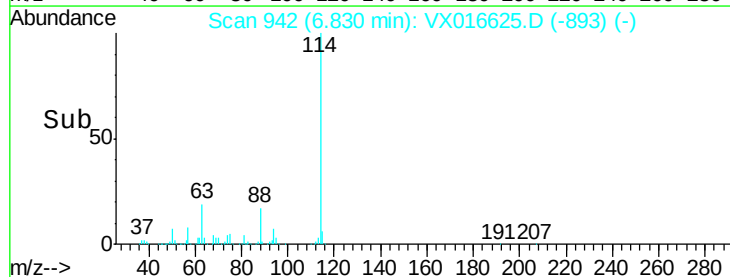
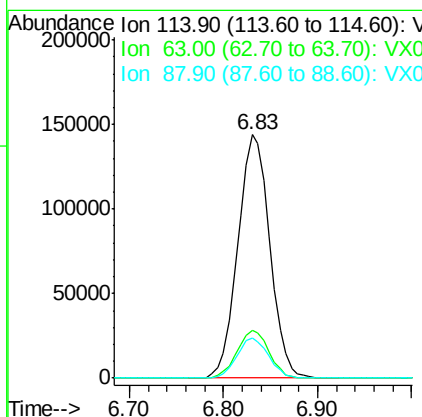
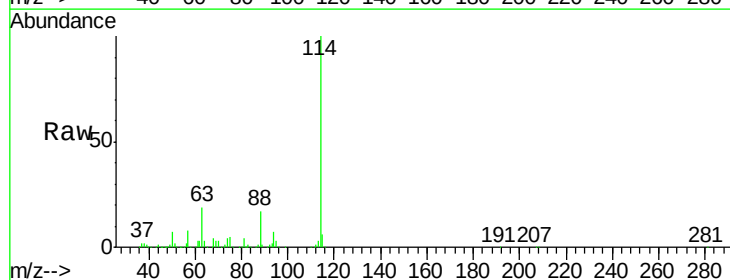
Manual Integrations
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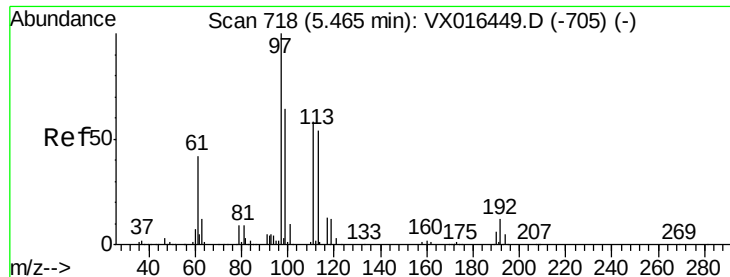
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	16.5	0.0	32.8





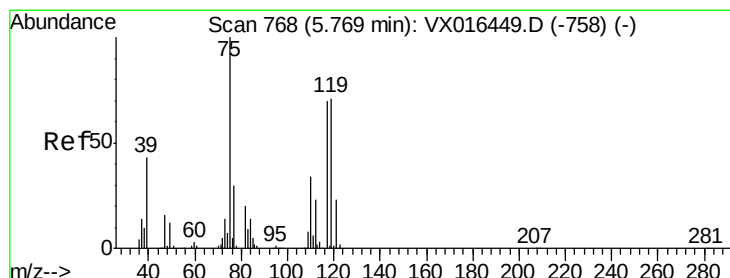
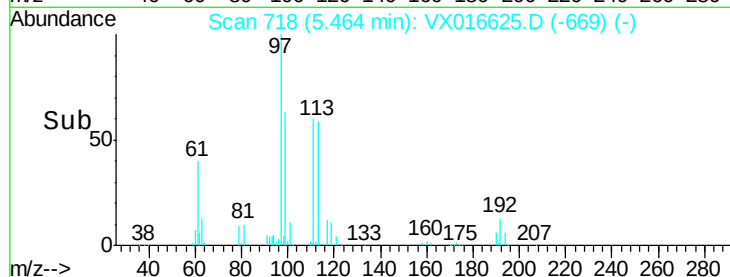
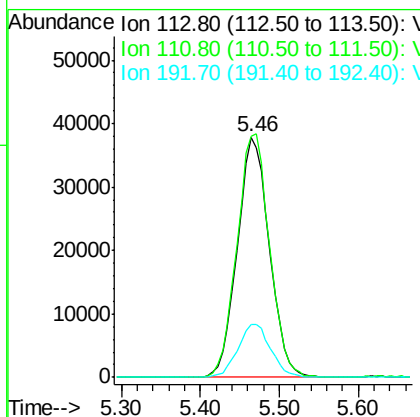
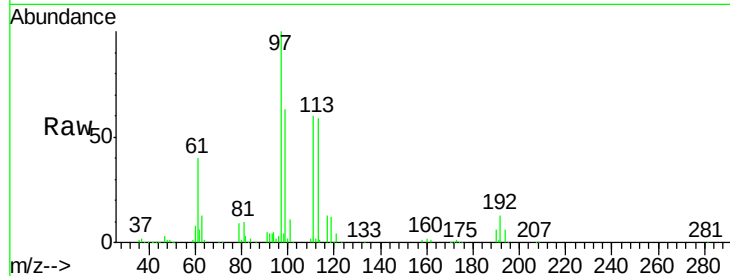
#35
 Dibromofluoromethane
 Concen: 50.837 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107020		
111	103.2	83.0	124.6	
192	22.7	17.7	26.5	

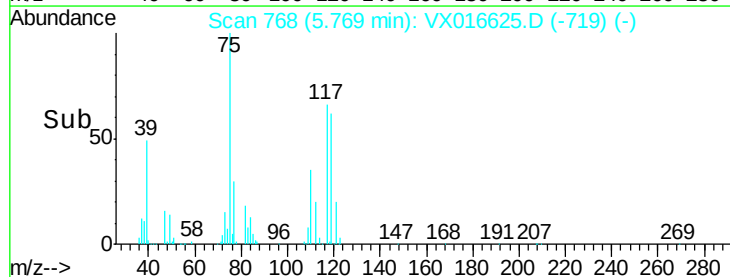
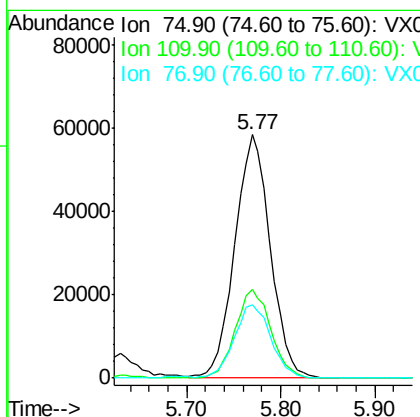
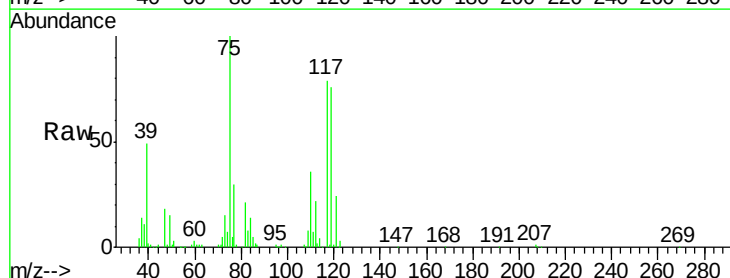
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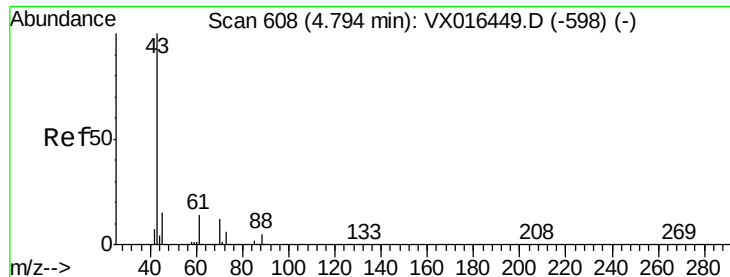
MMDadoda
 6/8/2020 4:55:44 PM



#36
 1,1-Dichloropropene
 Concen: 47.145 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	152609		
110	36.8	17.4	52.3	
77	31.2	24.2	36.4	





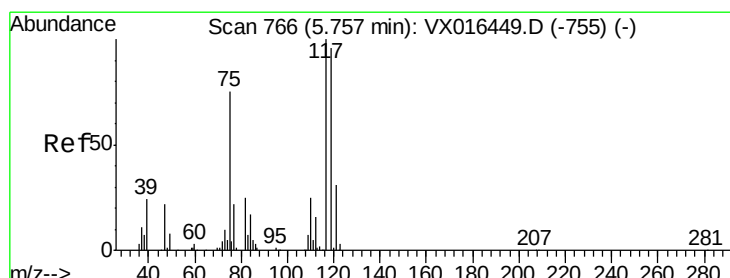
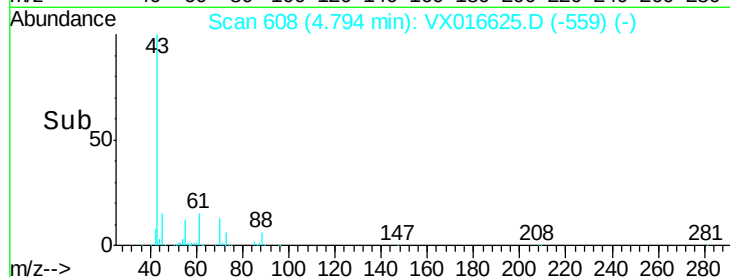
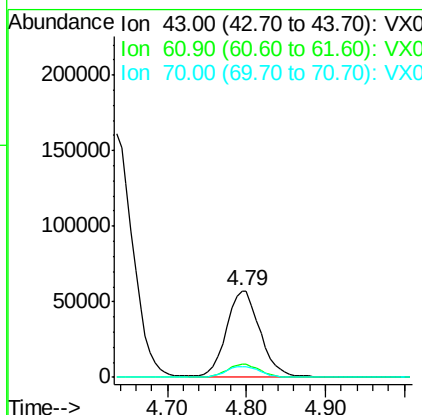
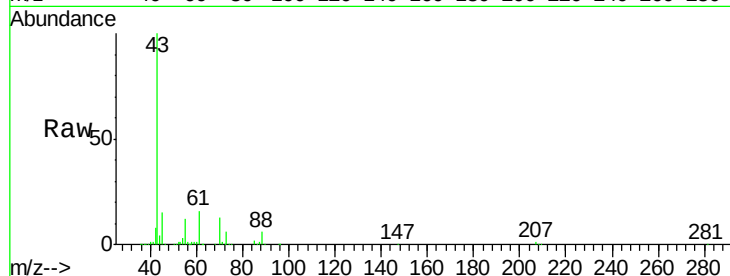
#37
Ethyl Acetate
Concen: 43.430 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	12.8	9.3	13.9

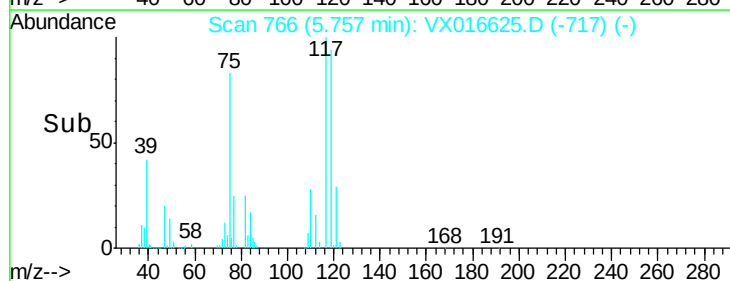
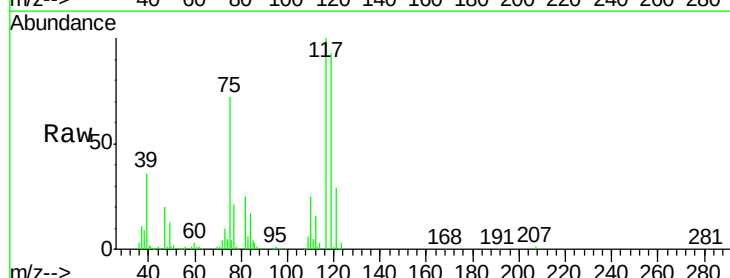
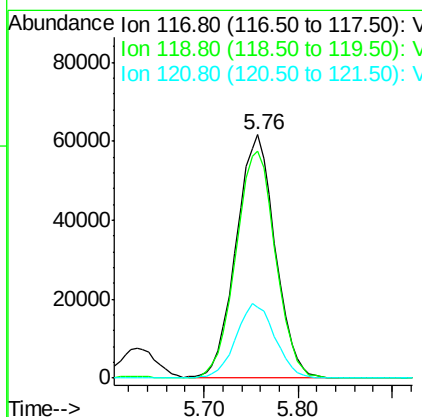
Manual Integrations
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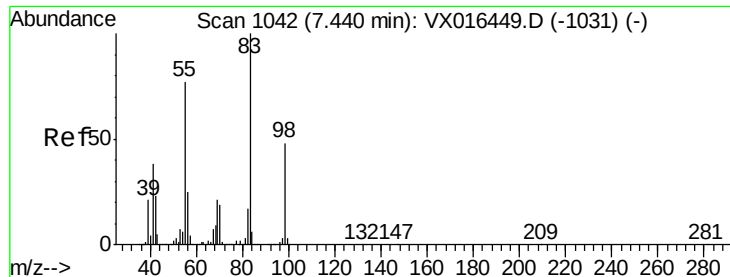
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.345 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.3	114.5
121	29.0	24.6	37.0





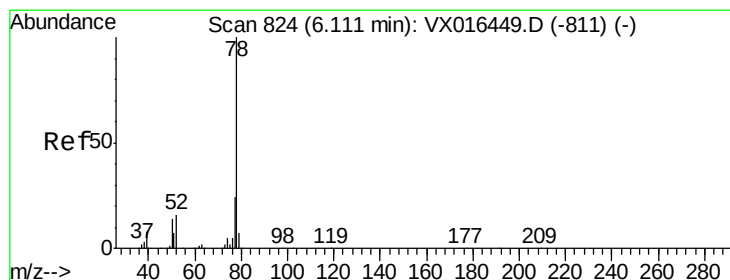
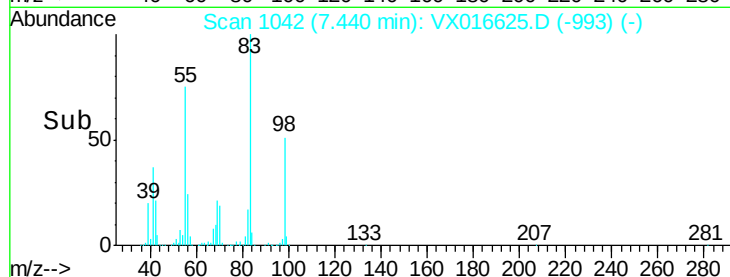
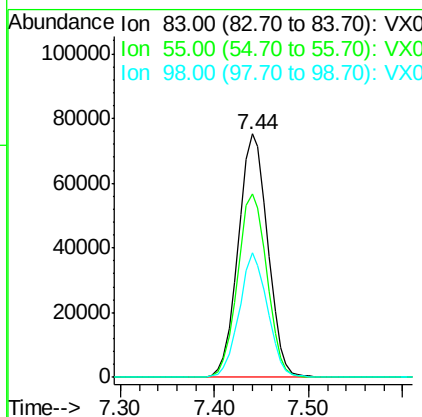
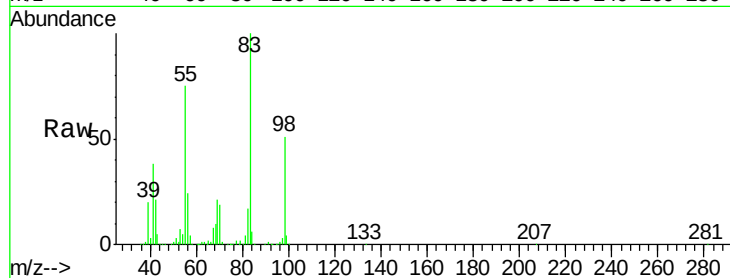
#39
Methylvlcyclohexane
Concen: 46.457 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.7	92.5
98	51.3	38.7	58.1

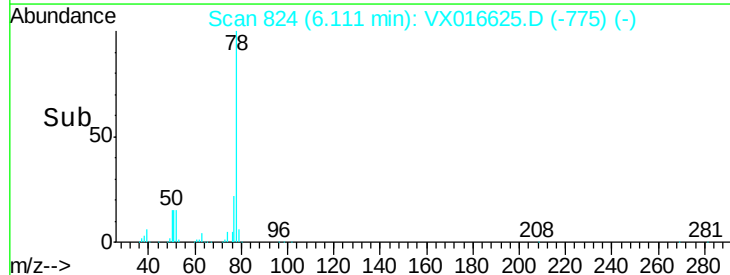
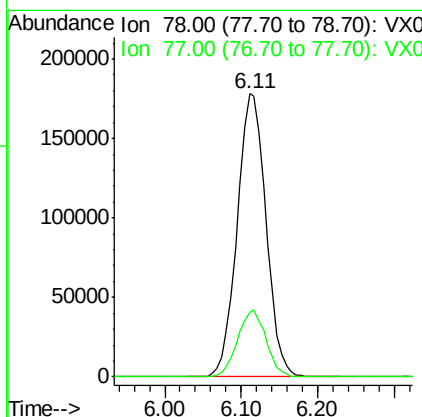
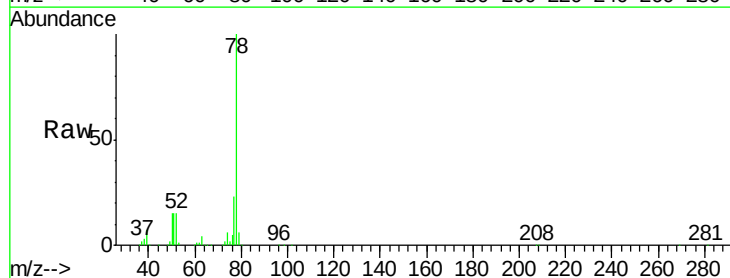
Manual Integrations
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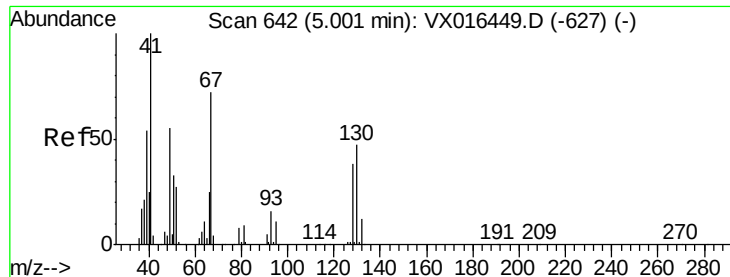
MMDadoda
6/8/2020 4:55:44 PM



#40
Benzene
Concen: 48.260 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.9	28.3





#41

Methacrylonitrile

Concen: 44.079 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

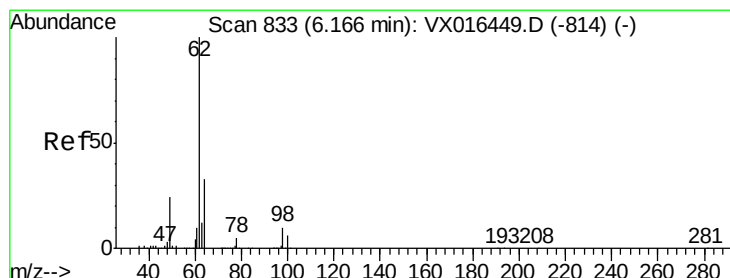
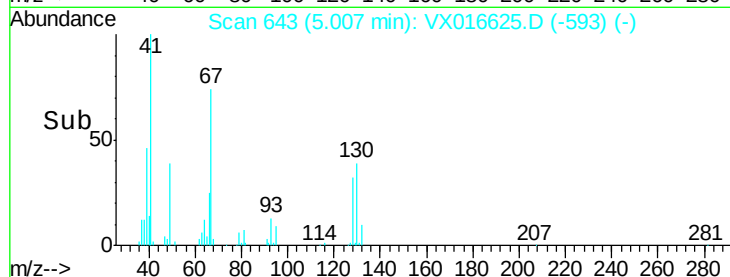
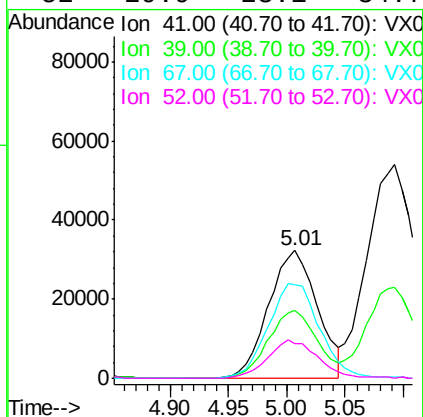
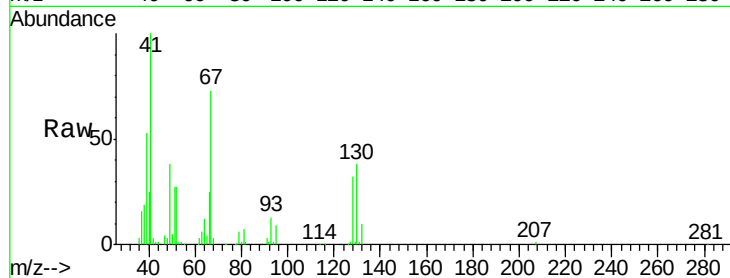
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	43.0	64.4	
67	78.0	58.9	88.3	
52	29.9	23.1	34.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.464 ug/l

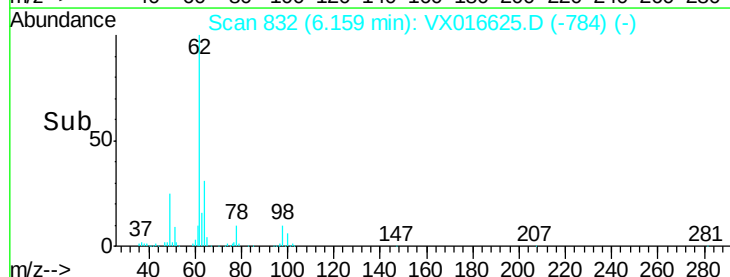
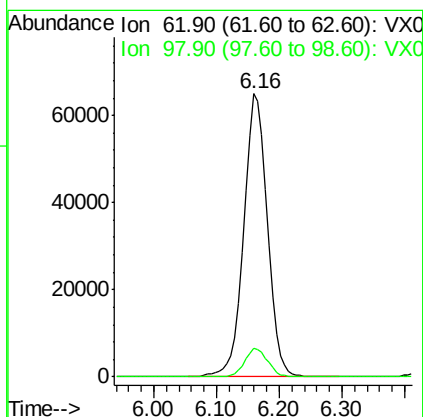
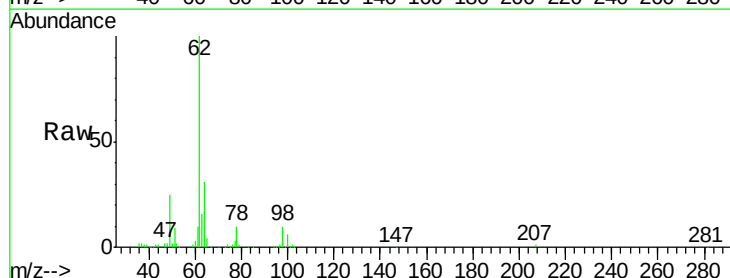
RT: 6.16 min Scan# 832

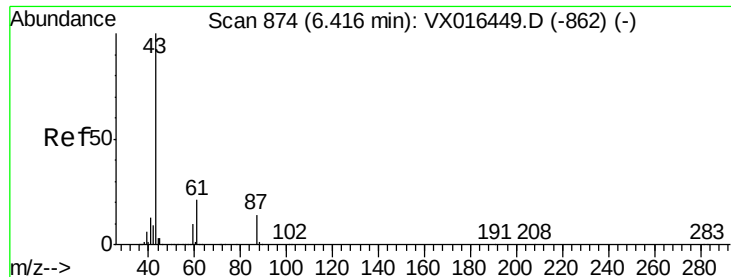
Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

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





#43

Isopropyl Acetate

Concen: 44.641 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

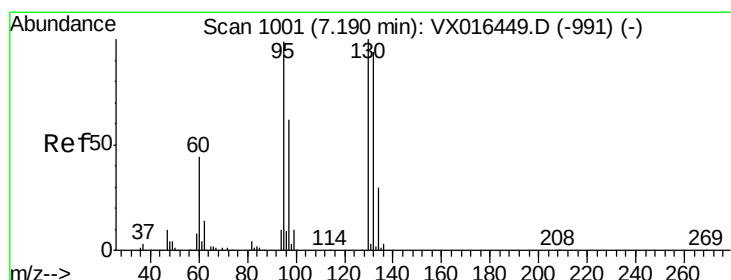
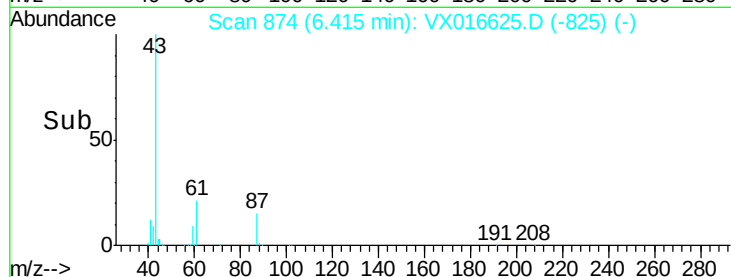
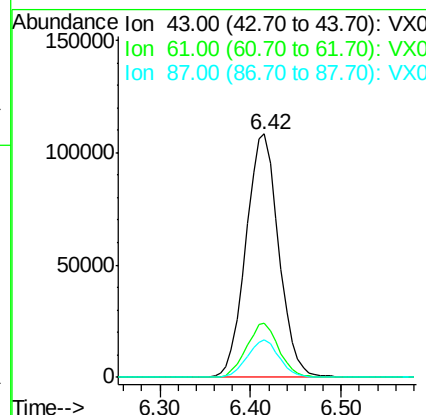
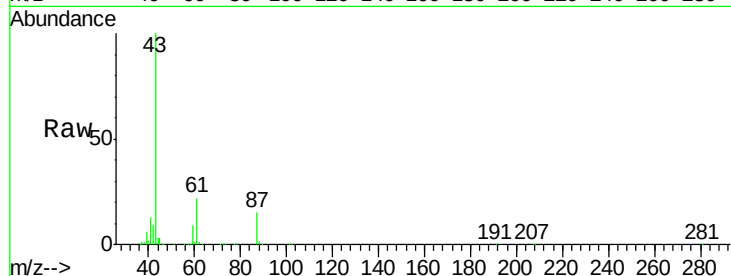
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	270612
Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	15.1	11.2	16.8

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#44

Trichloroethene

Concen: 47.826 ug/l

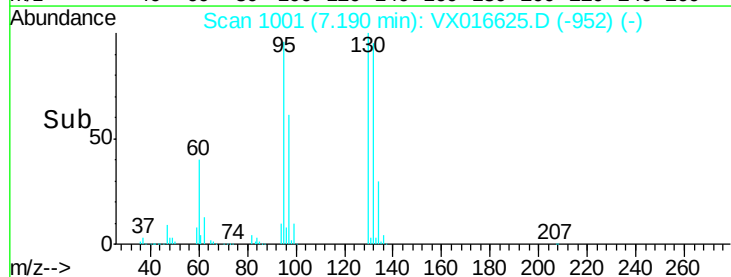
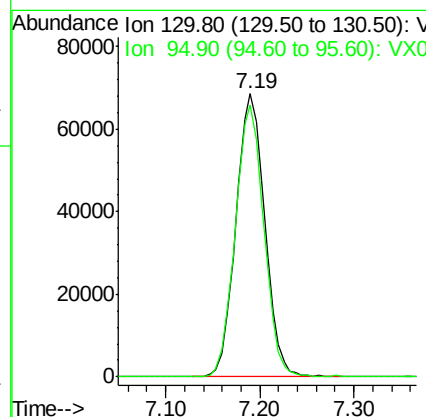
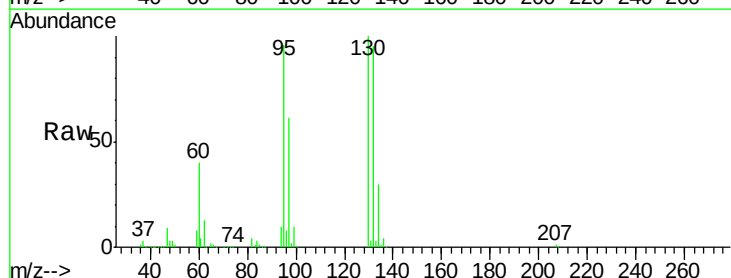
RT: 7.19 min Scan# 1001

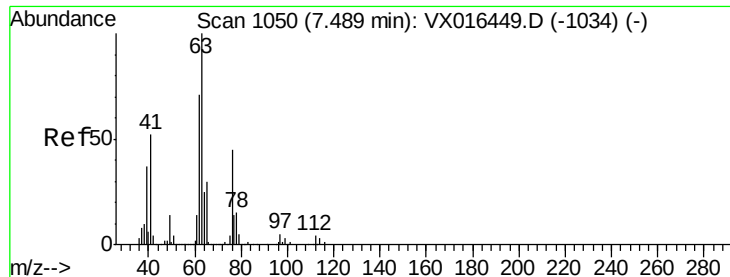
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	130	Resp:	146274
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	198.2





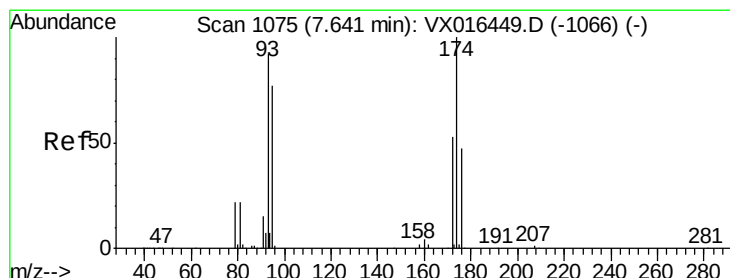
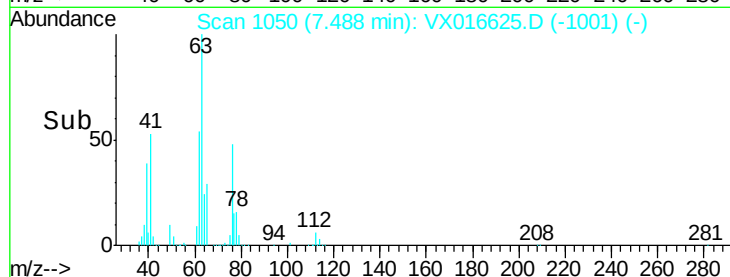
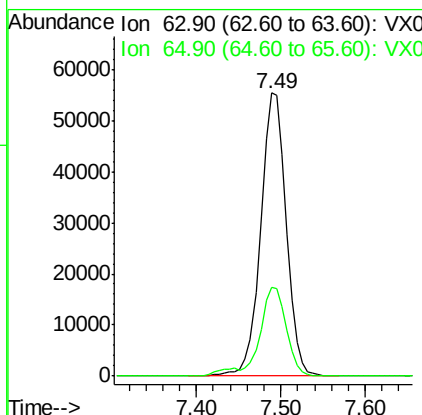
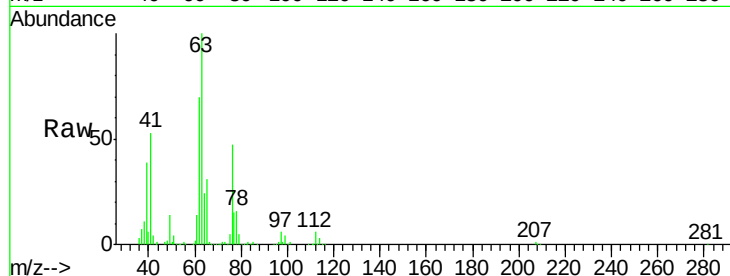
#45
 1,2-Dichloropropane
 Concen: 47.249 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.2	36.2

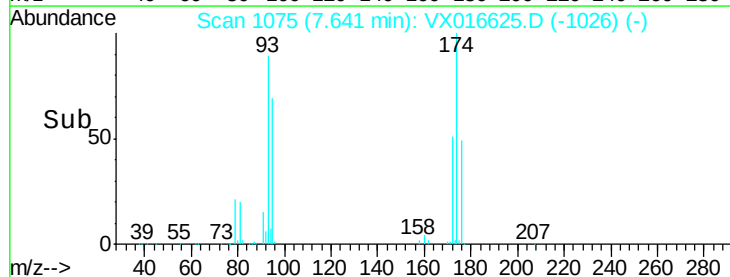
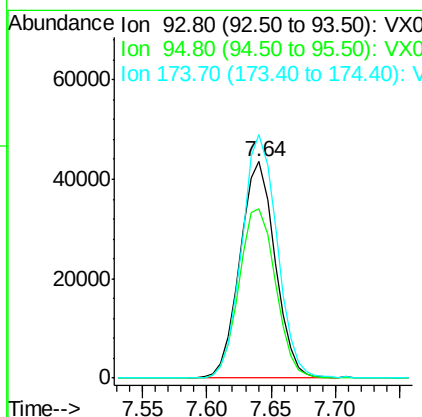
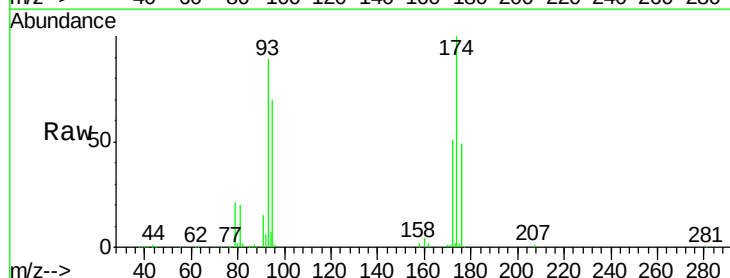
Manual Integrations
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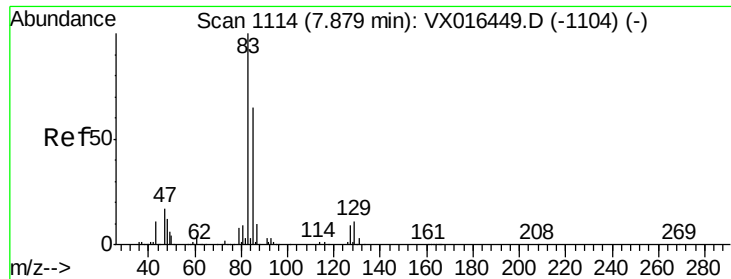
MMDadoda
 6/8/2020 4:55:44 PM



#46
 Dibromomethane
 Concen: 50.145 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	66.6	100.0
174	112.8	86.2	129.4





#47

Bromodichloromethane

Concen: 50.790 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

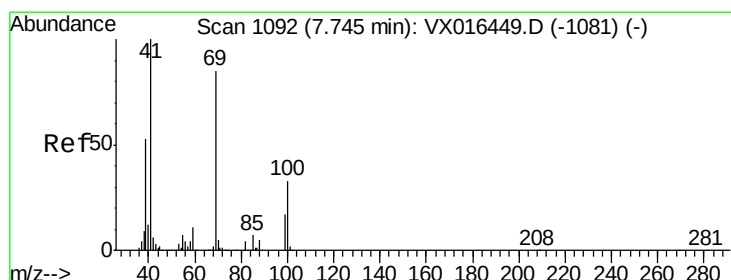
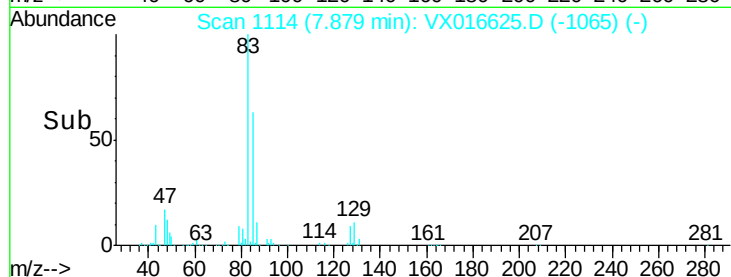
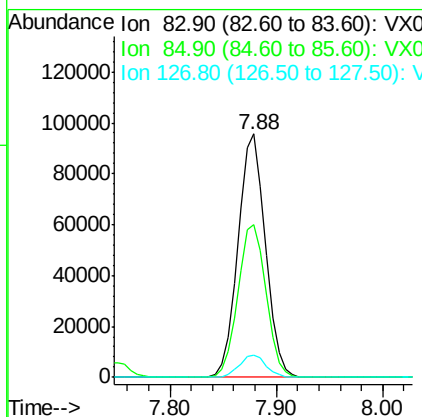
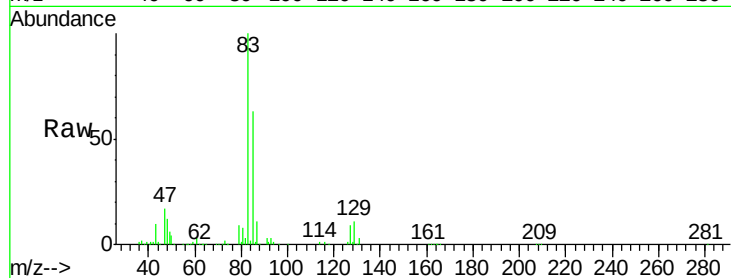
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	173344
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.0	78.0
127	9.2	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.227 ug/l

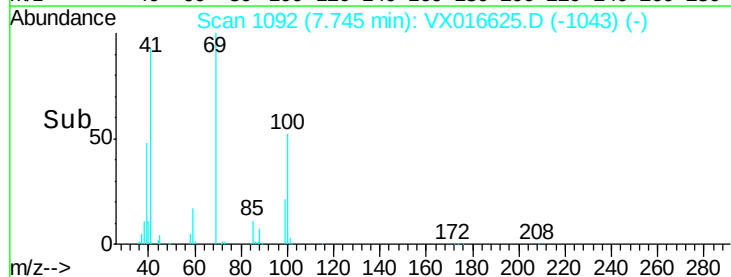
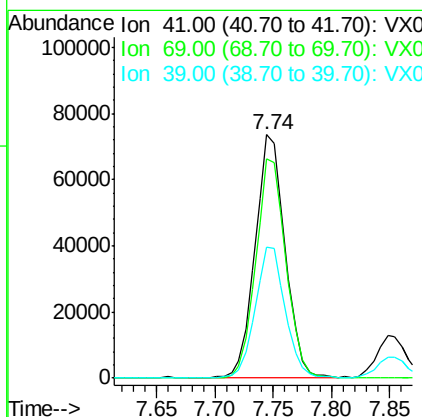
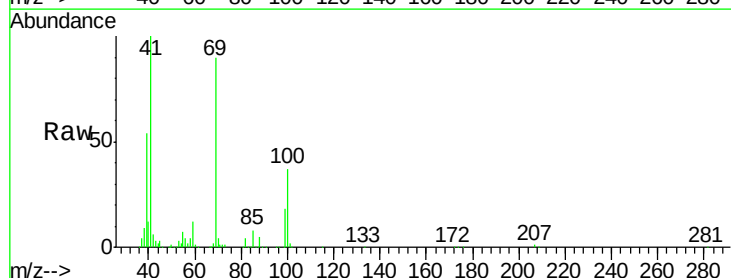
RT: 7.74 min Scan# 1092

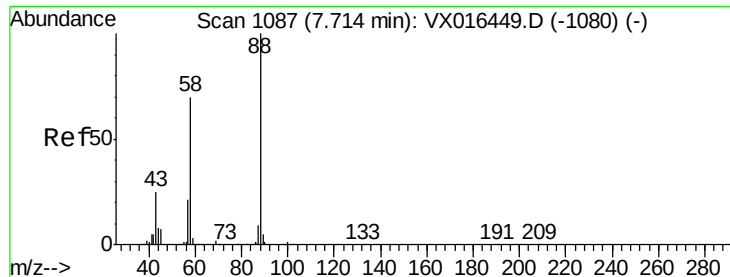
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	41	Resp:	131271
Ion	Ratio	Lower	Upper
41	100		
69	90.7	68.6	102.8
39	53.8	42.4	63.6





#49

1,4-Dioxane

Concen: 901.187 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

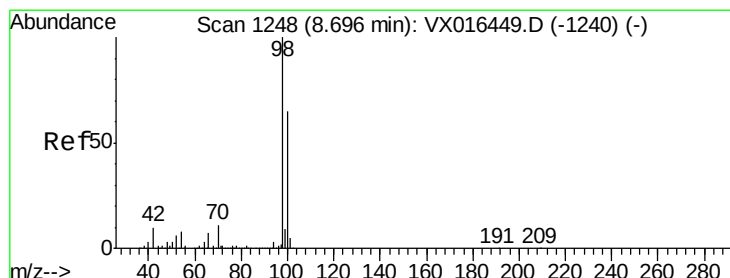
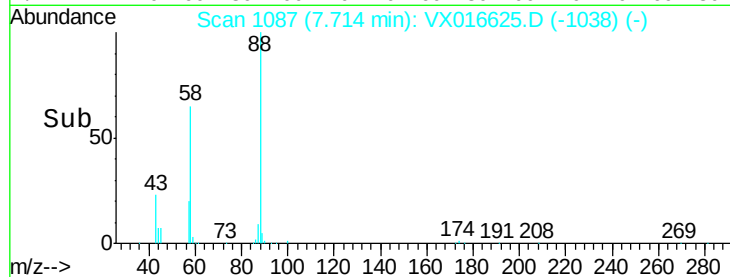
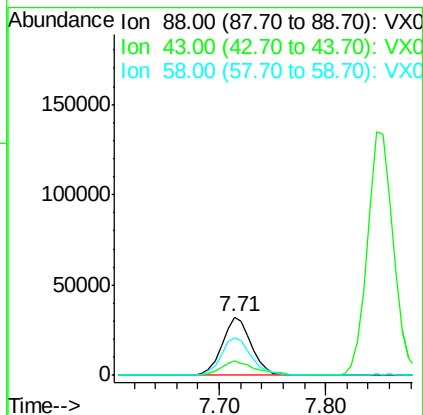
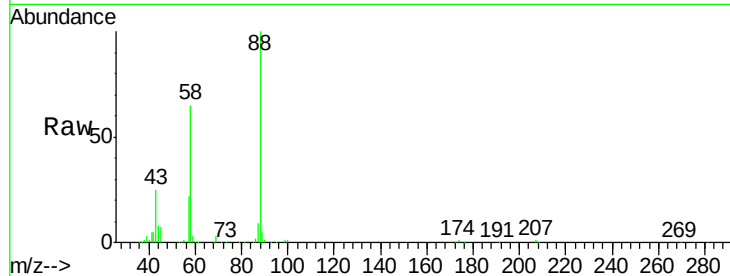
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	61213
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	67.3	56.5	84.7

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#50

Toluene-d8

Concen: 49.998 ug/l

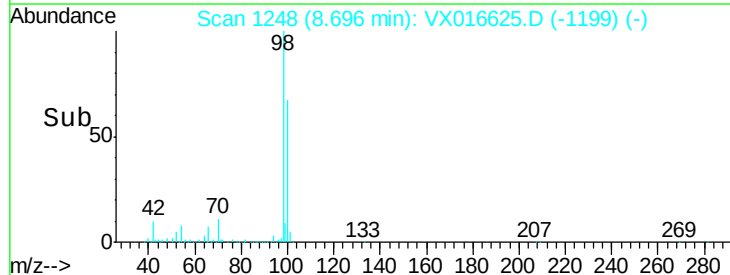
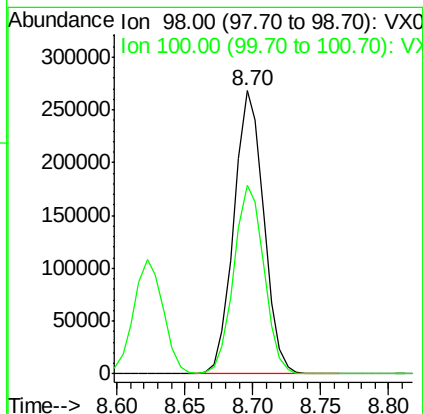
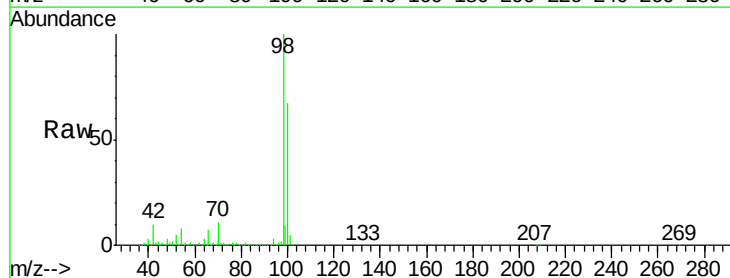
RT: 8.70 min Scan# 1248

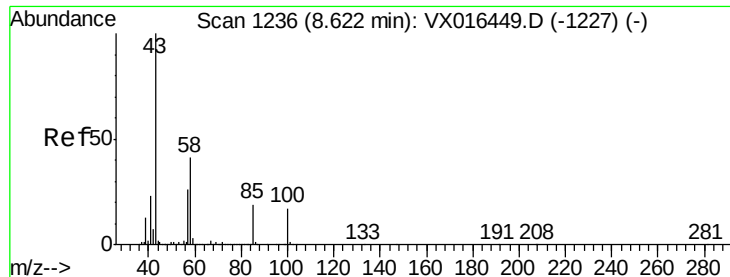
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	98	Resp:	409665
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.8	80.6





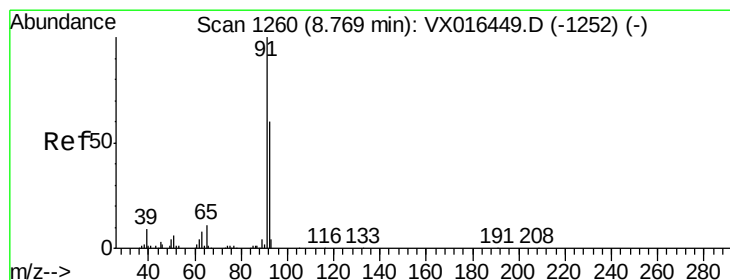
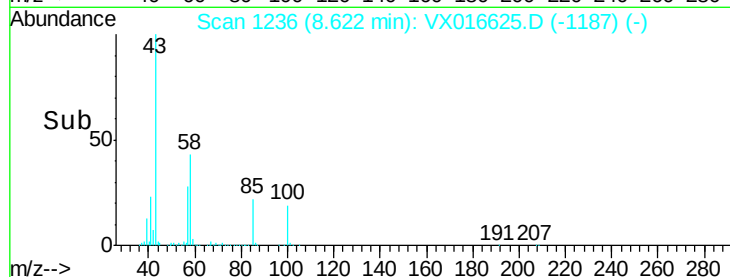
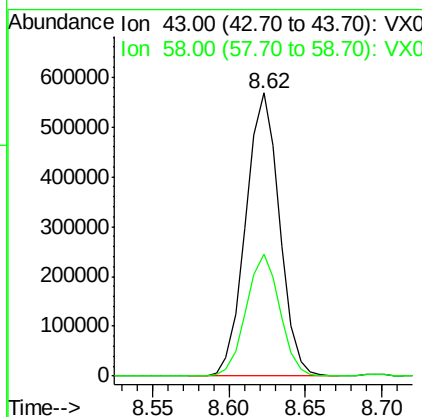
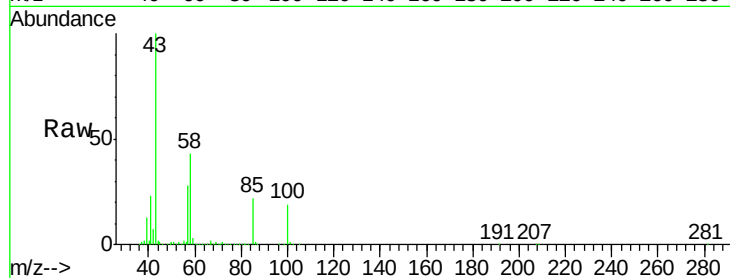
#51
4-Methyl-2-Pentanone
Concen: 230.937 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	871679
Ion Ratio	100	Lower	Upper
43	100		
58	42.8	33.0	49.6

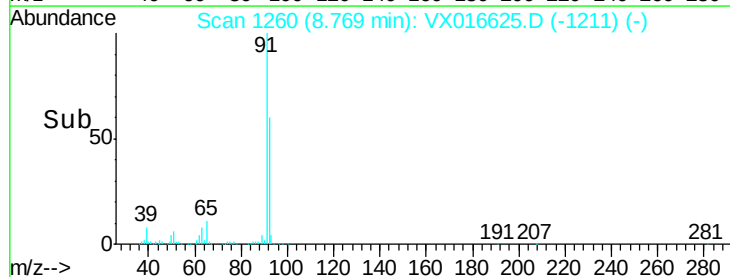
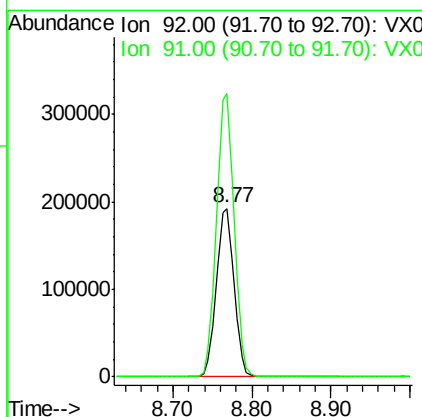
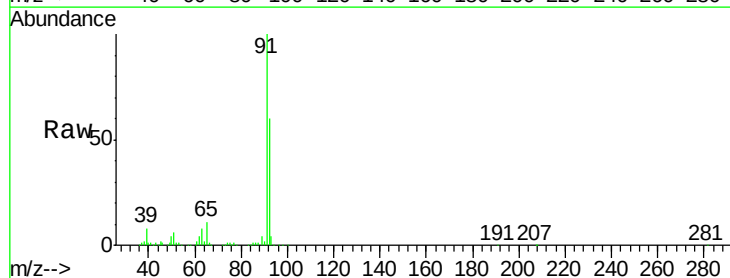
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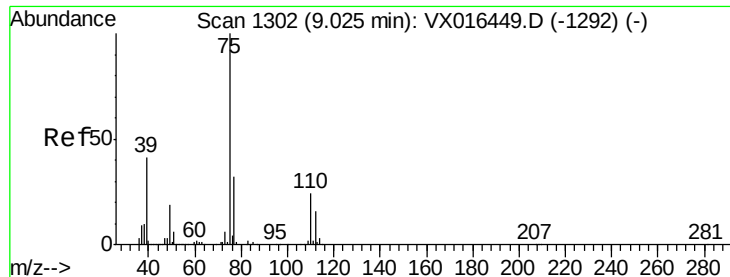
MMDadoda
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#52
Toluene
Concen: 49.572 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	92	Resp	301336
Ion Ratio	100	Lower	Upper
92	100		
91	168.1	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 49.330 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 191445

Ion Ratio Lower Upper

75 100

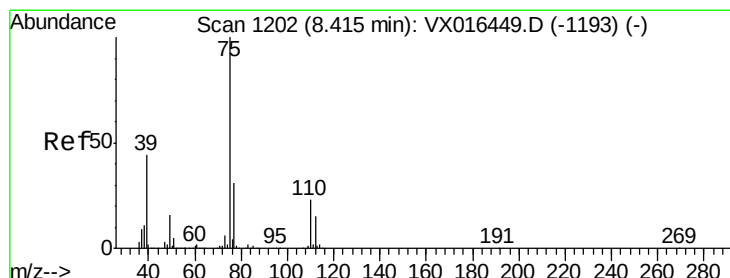
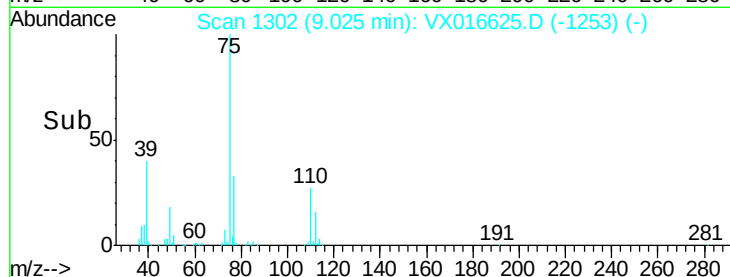
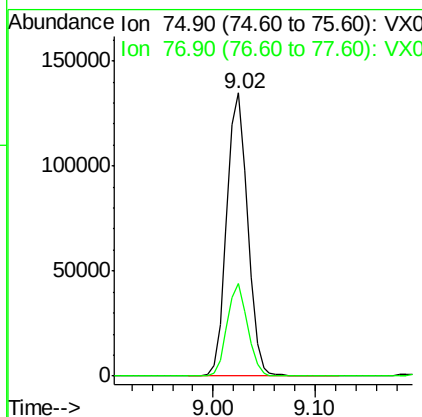
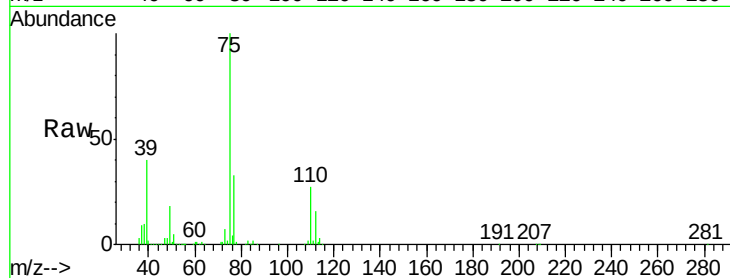
77 32.8 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.297 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

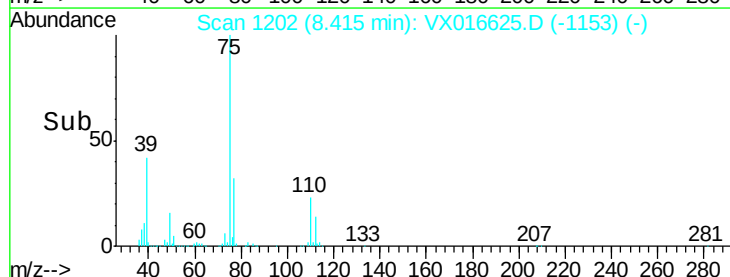
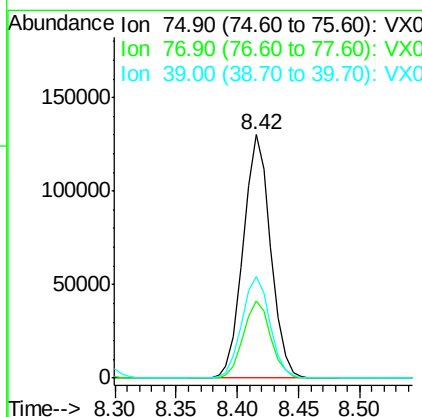
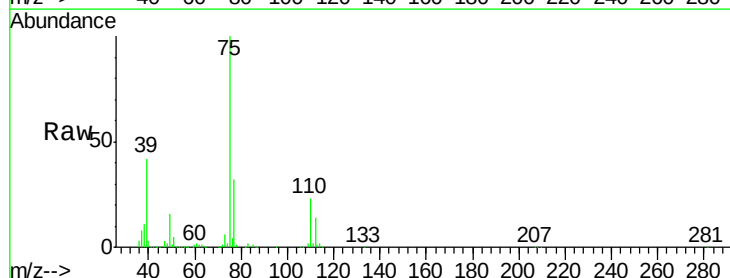
Tgt Ion: 75 Resp: 202501

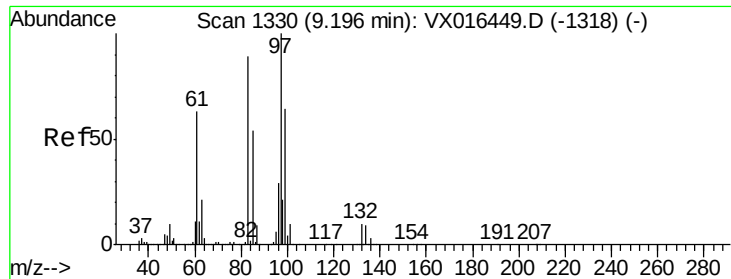
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 41.8 35.3 52.9





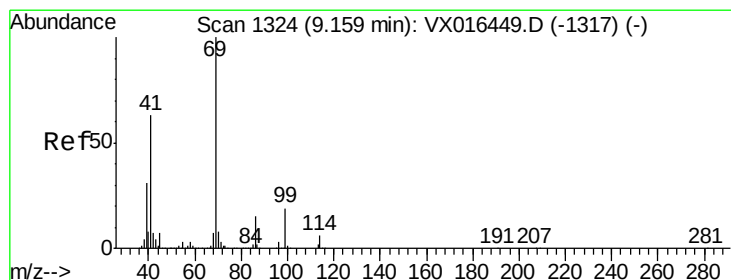
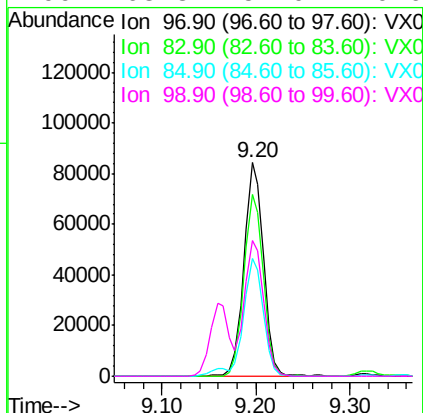
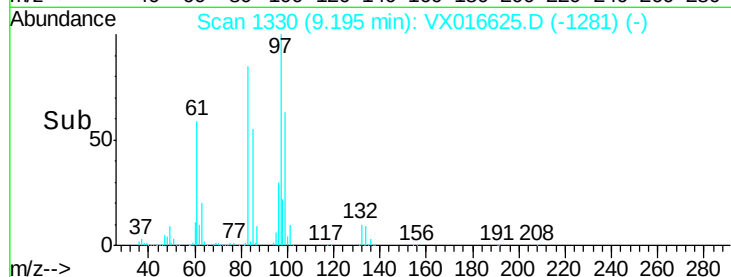
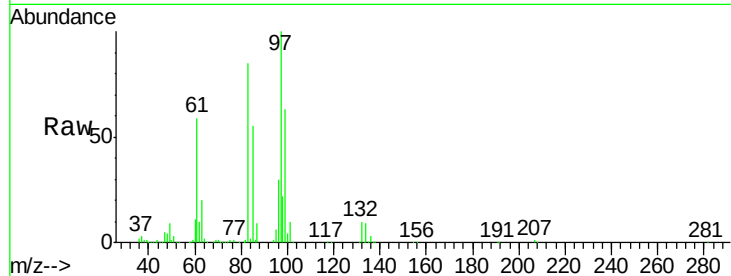
#55
 1,1,2-Trichloroethane
 Concen: 50.560 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		122199		
83	84.8	70.9	106.3		
85	55.2	43.4	65.2		
99	63.3	51.0	76.6		

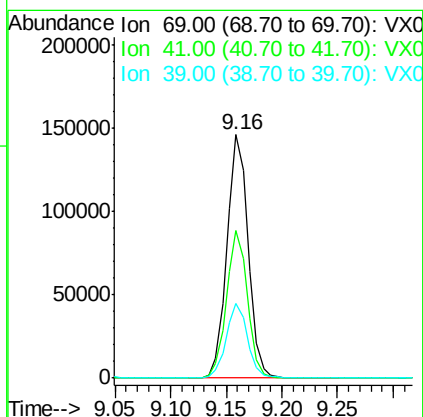
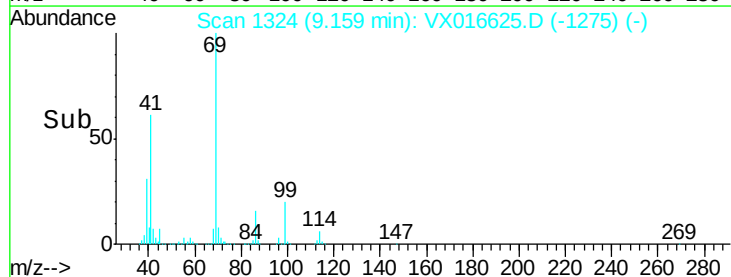
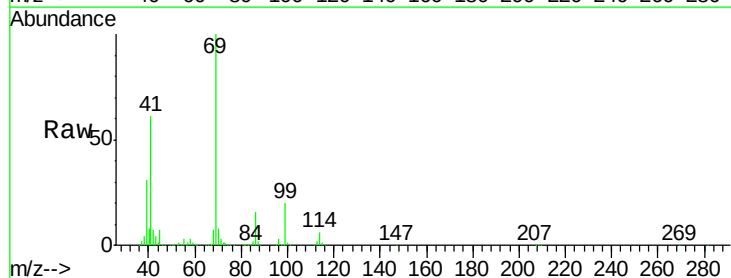
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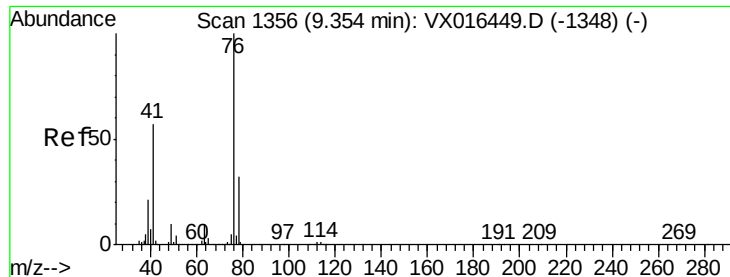
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 6/8/2020 4:55:44 PM



#56
 Ethyl methacrylate
 Concen: 48.857 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192312		
41	60.3	50.7	76.1		
39	30.6	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 49.455 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 205164

Ion Ratio Lower Upper

76 100

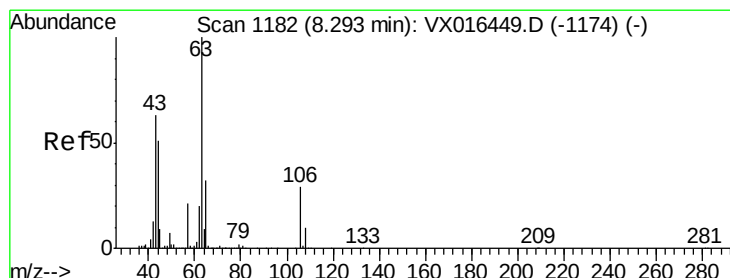
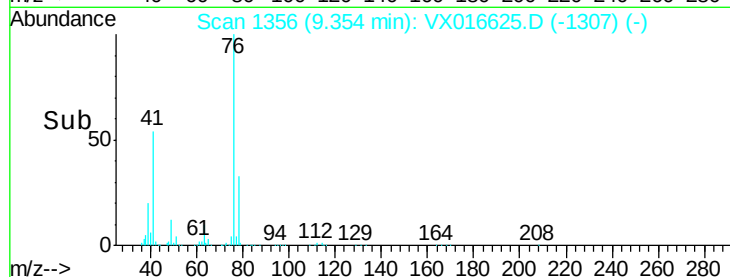
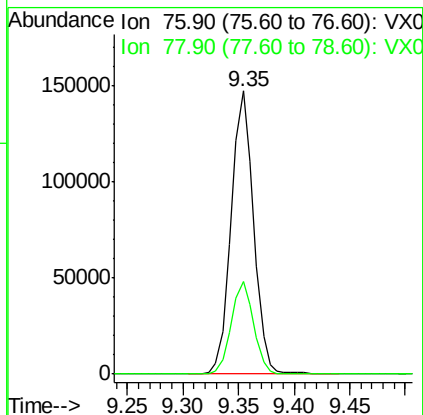
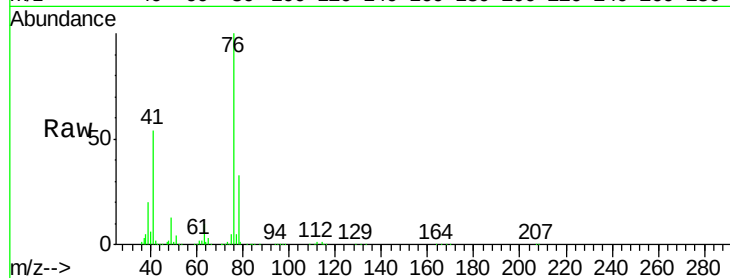
78 32.8 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 242.219 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016625.D

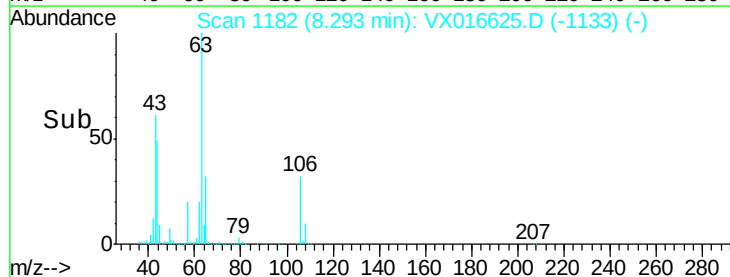
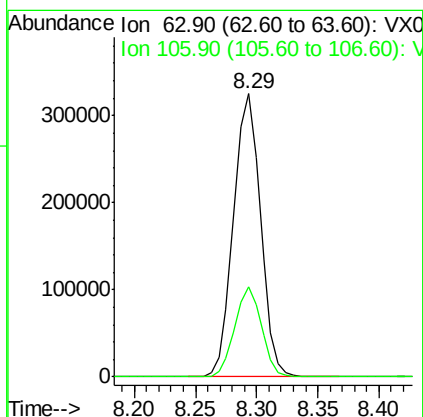
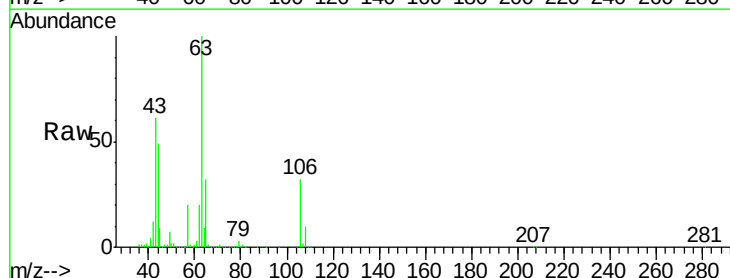
Acq: 05 Jun 2020 20:27

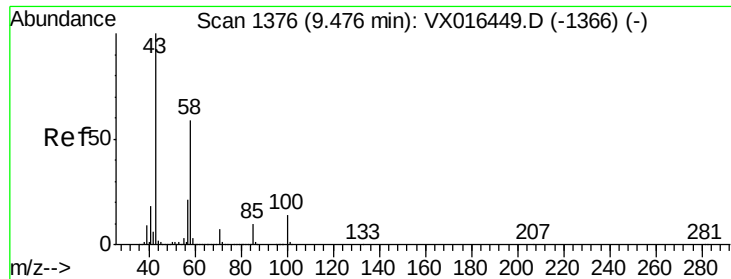
Tgt Ion: 63 Resp: 497651

Ion Ratio Lower Upper

63 100

106 31.4 23.2 34.8





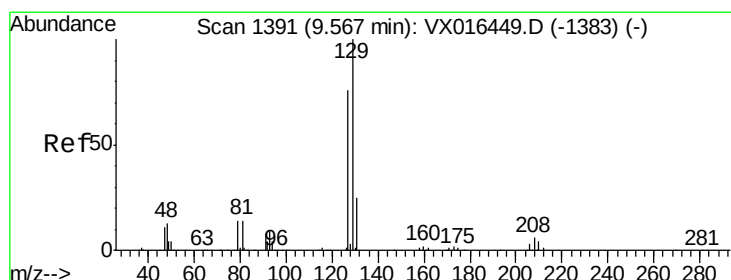
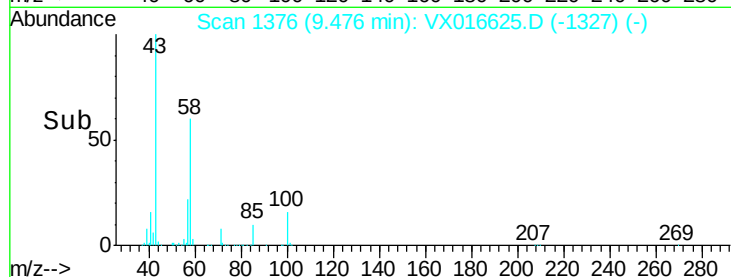
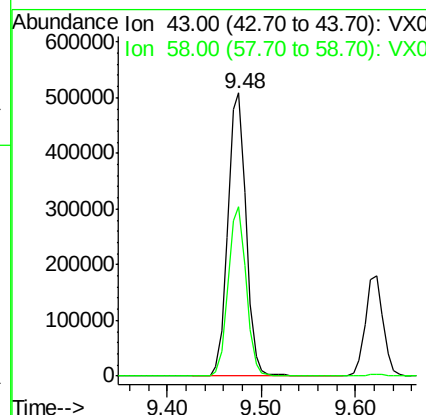
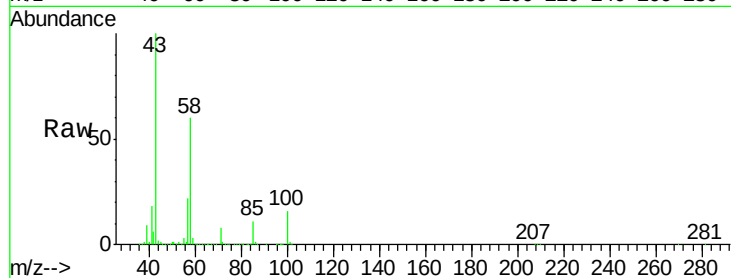
#59
2-Hexanone
Concen: 231.962 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.2	28.8	86.4

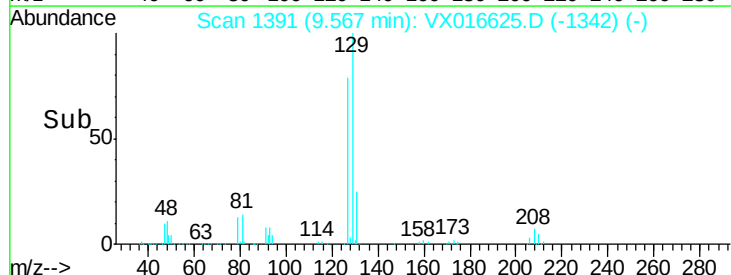
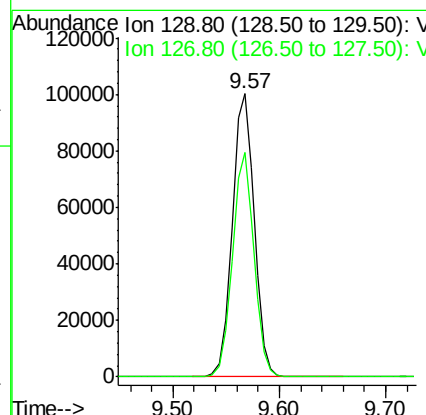
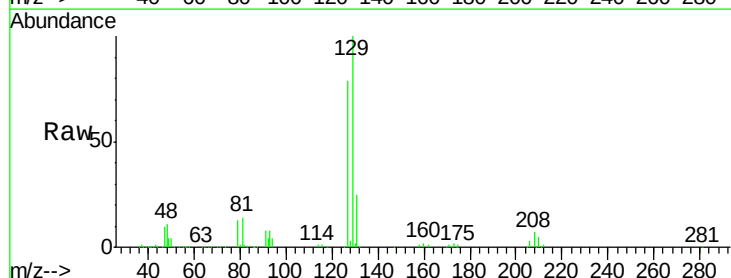
Manual Integrations
APPROVED

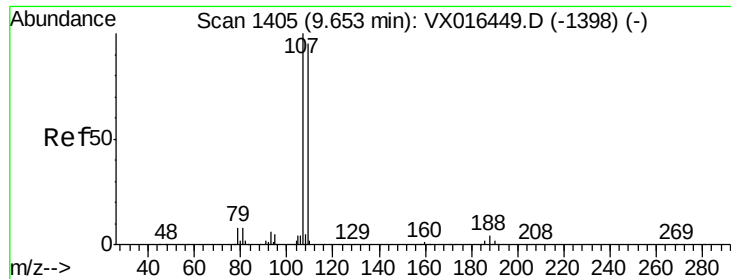
MMDadoda
6/8/2020 4:55:44 PM



#60
Dibromochloromethane
Concen: 53.529 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	116.0





#61

1,2-Dibromoethane

Concen: 51.207 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 132532

Ion Ratio Lower Upper

107 100

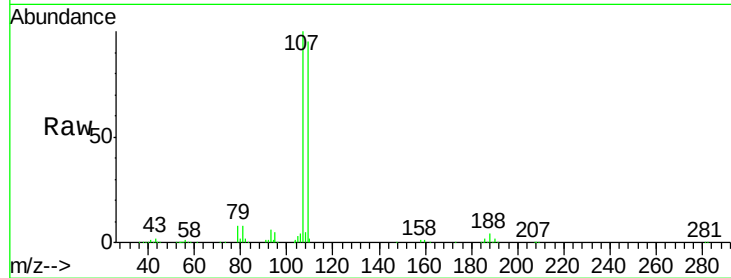
109 94.2 75.5 113.3

Manual Integrations

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MMDadoda

6/8/2020 4:55:44 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

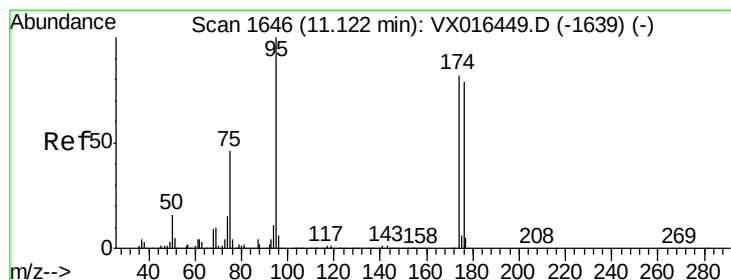
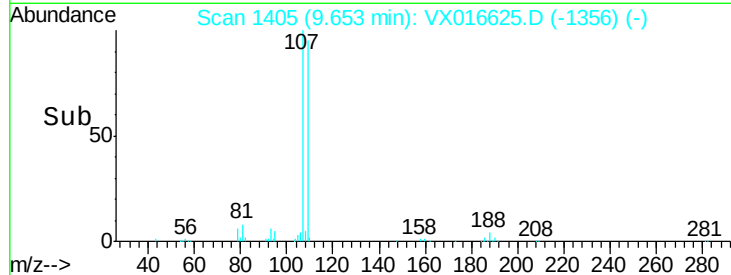
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.645 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

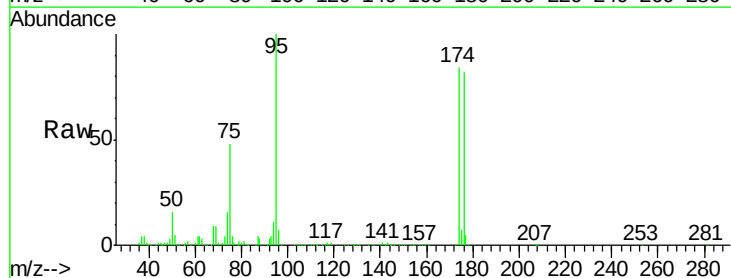
Tgt Ion: 95 Resp: 160342

Ion Ratio Lower Upper

95 100

174 84.1 0.0 163.0

176 83.0 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

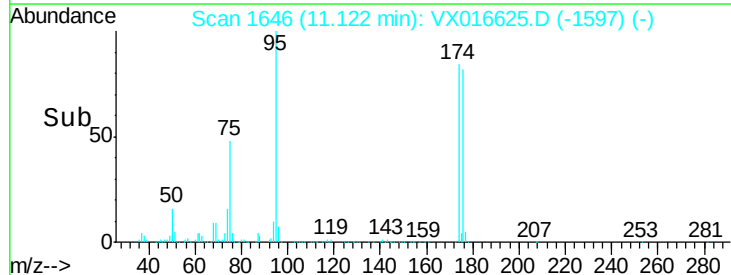
150000

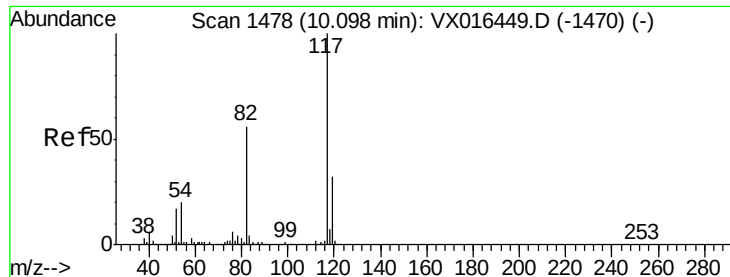
100000

50000

0

Time-->





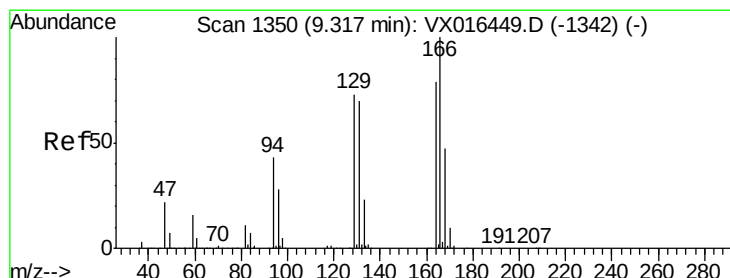
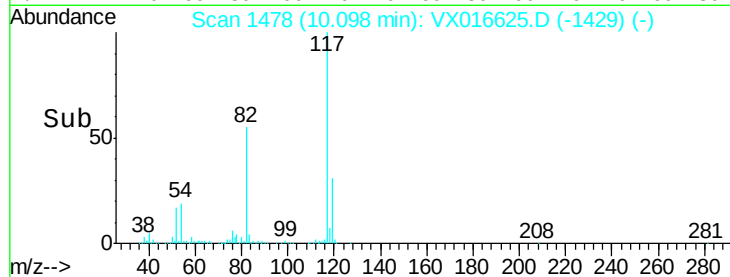
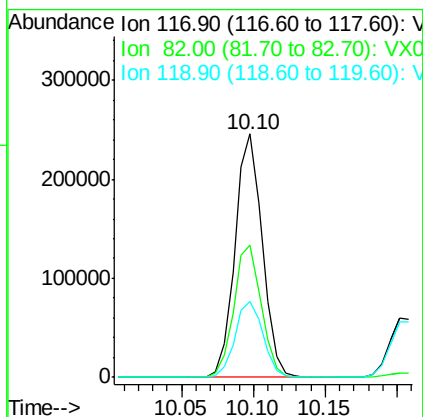
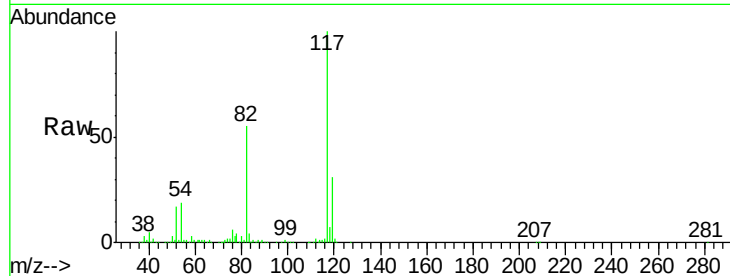
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.0	67.6
119	31.0	25.8	38.8

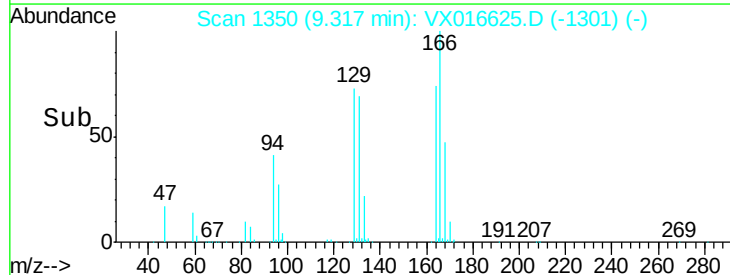
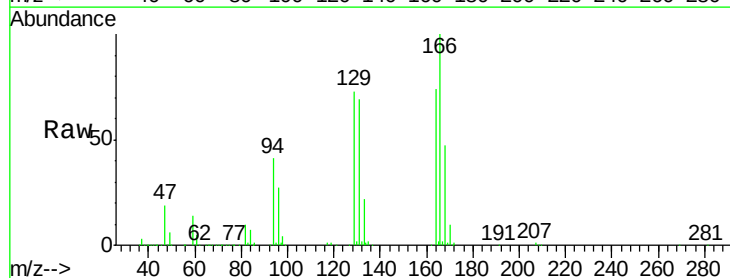
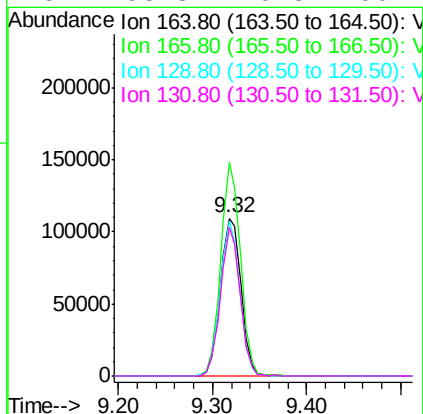
Manual Integrations
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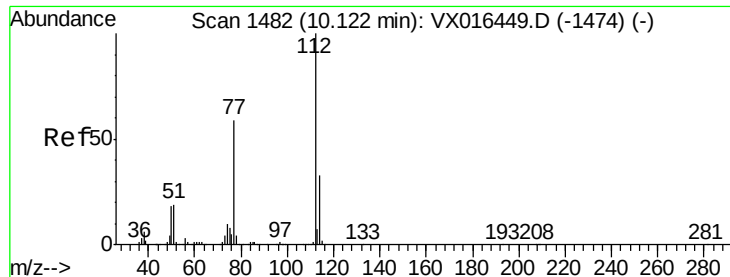
MMDadoda
6/8/2020 4:55:44 PM



#64
Tetrachloroethene
Concen: 45.876 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.3	100.9	151.3
129	98.1	73.2	109.8
131	93.8	70.8	106.2





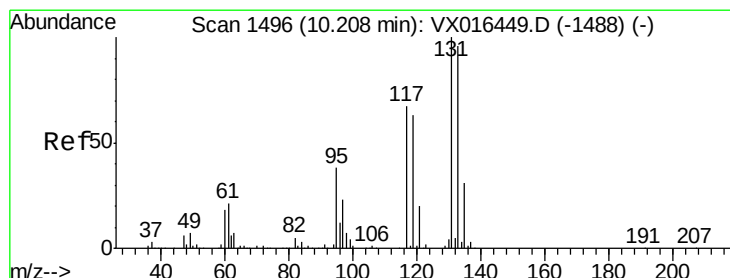
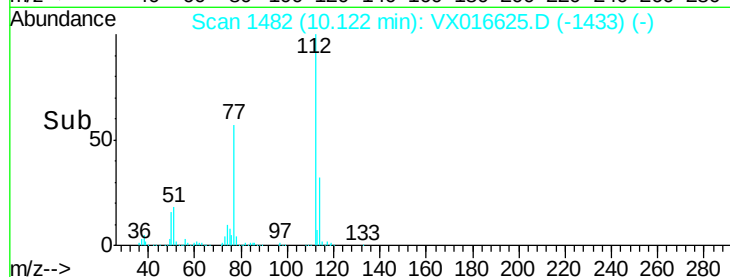
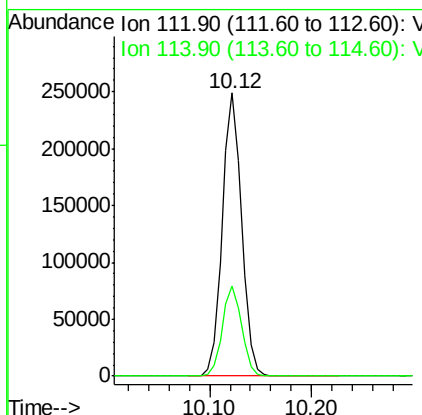
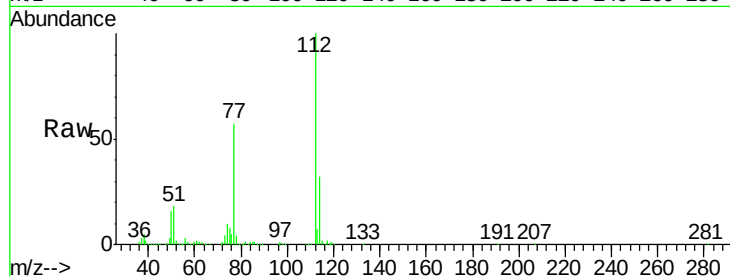
#65
Chlorobenzene
Concen: 49.645 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.0	39.0

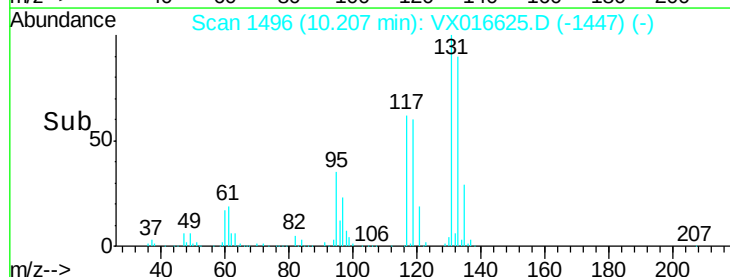
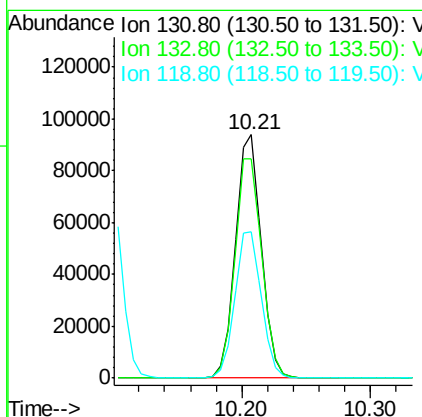
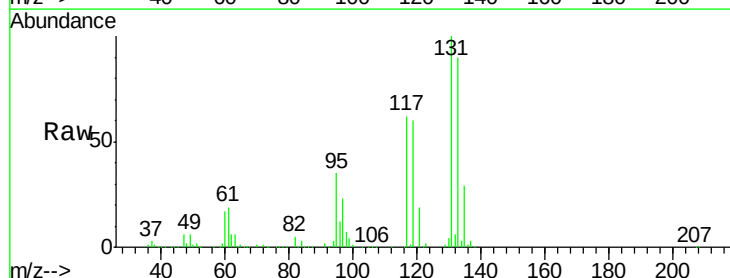
Manual Integrations
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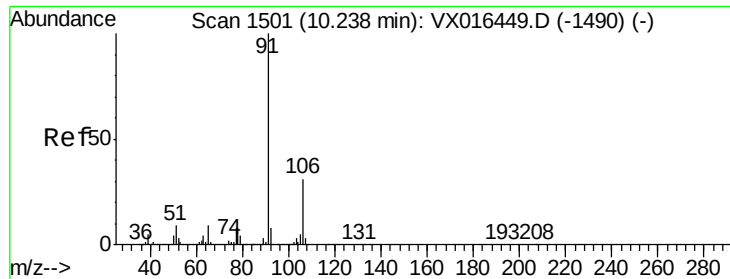
MMDadoda
6/8/2020 4:55:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.694 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.4	145.3
119	61.9	32.0	96.2





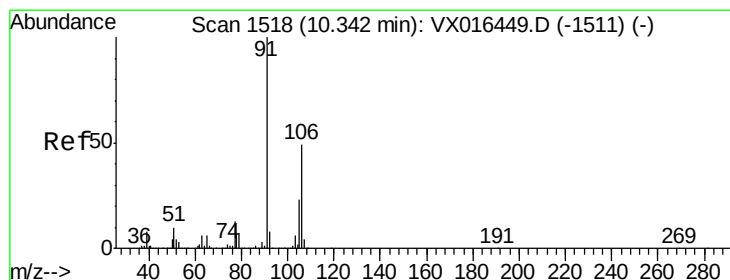
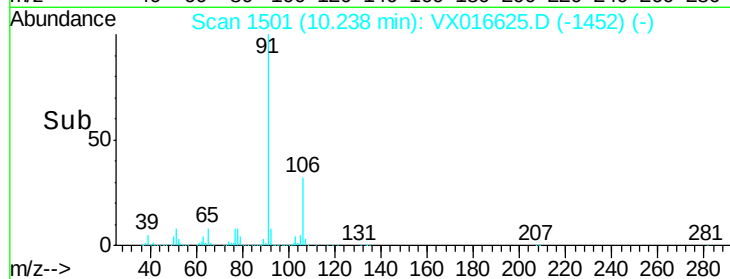
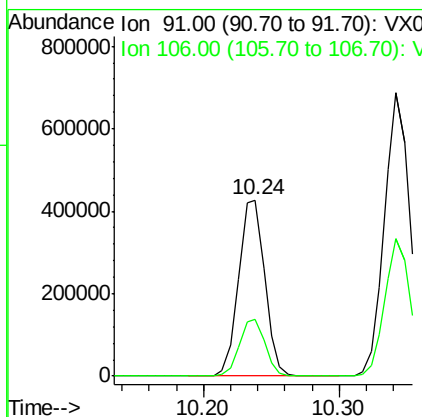
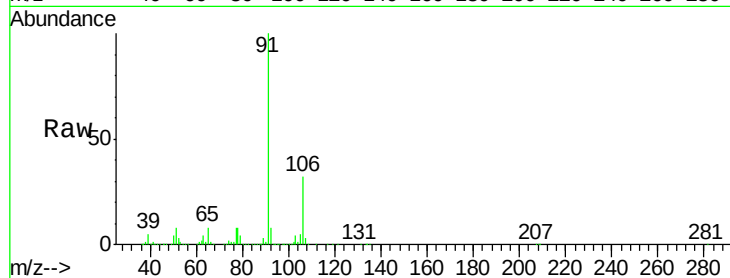
#67
Ethyl Benzene
Concen: 48.461 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 571681
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.4

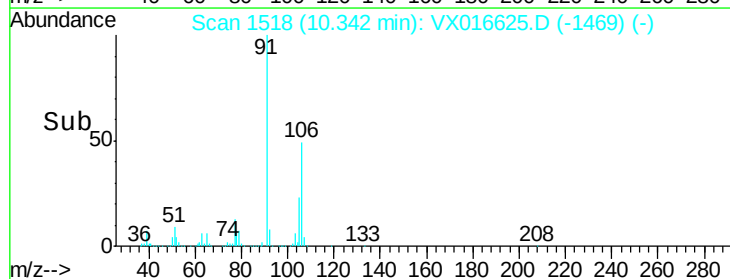
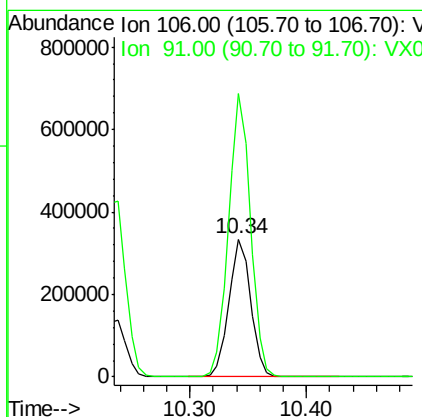
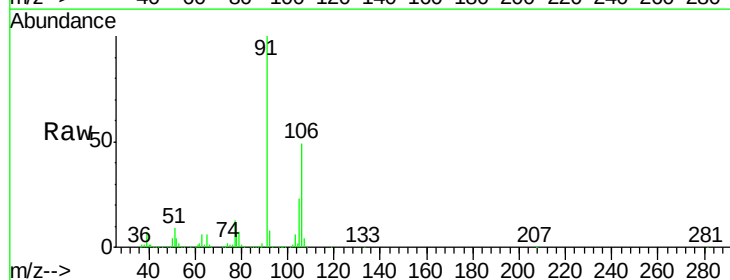
Manual Integrations
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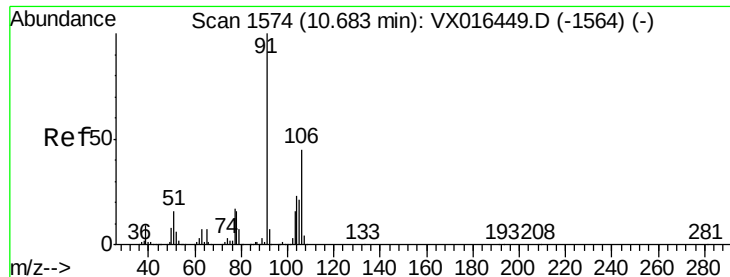
MMDadoda
6/8/2020 4:55:44 PM



#68
m/p-Xylenes
Concen: 100.018 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion: 106 Resp: 437471
Ion Ratio Lower Upper
106 100
91 205.3 163.8 245.8





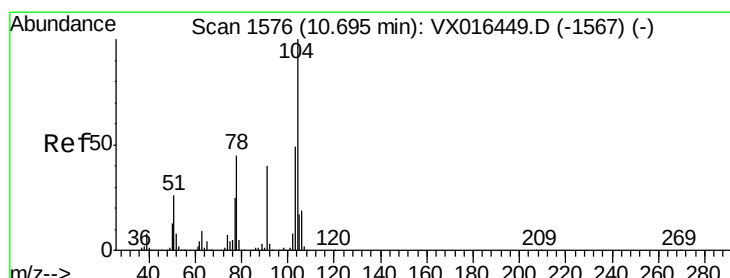
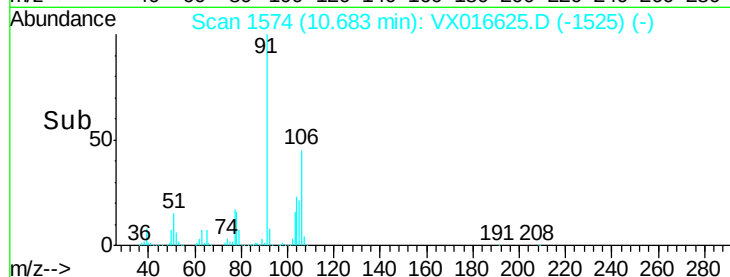
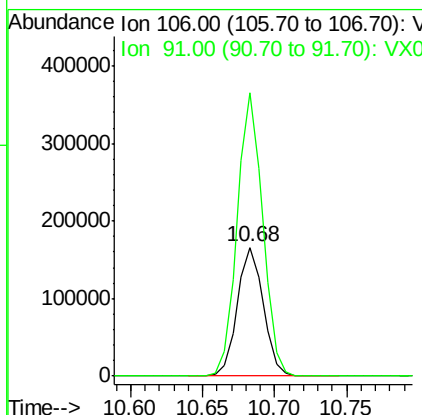
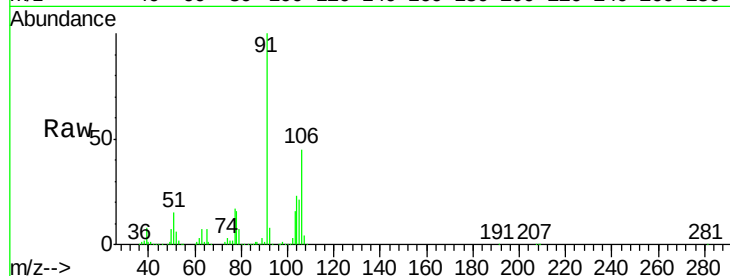
#69
o-Xylene
Concen: 49.358 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	209078		
91	91	215.8	109.6	328.8	

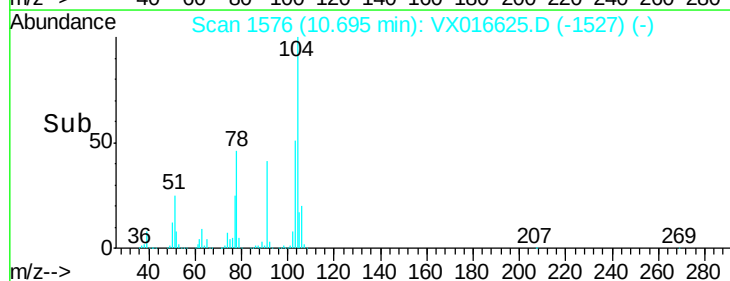
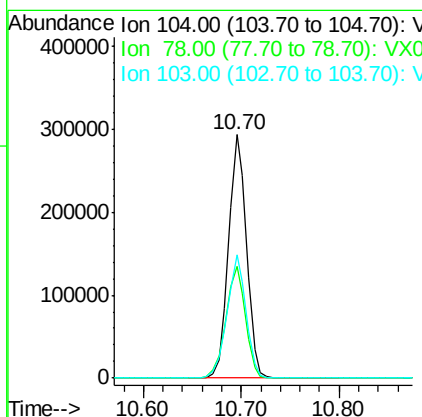
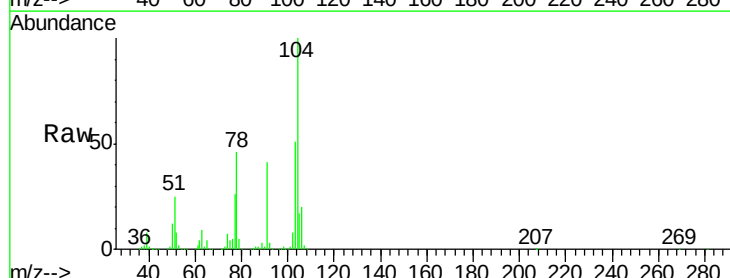
Manual Integrations
APPROVED

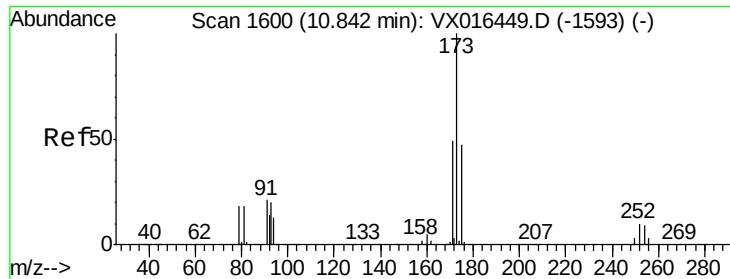
MMDadoda
6/8/2020 4:55:44 PM



#70
Styrene
Concen: 51.380 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	374097		
78	78	49.9	40.2	60.2	
103	103	53.4	43.1	64.7	





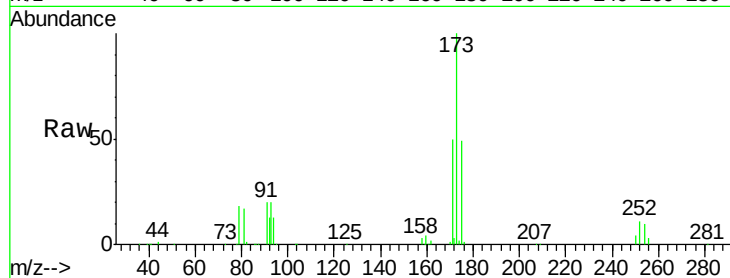
#71
Bromoform
Concen: 53.793 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.9	71.7
254	0.0	0.1	0.1#

Manual Integrations
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6/8/2020 4:55:44 PM

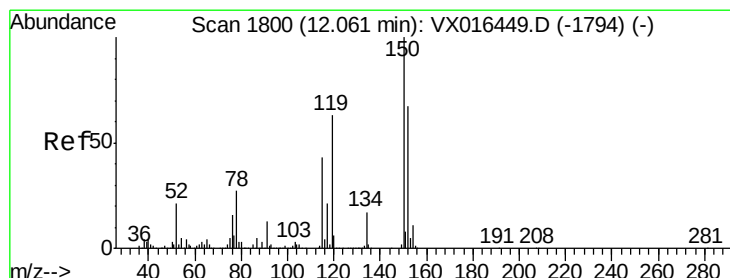
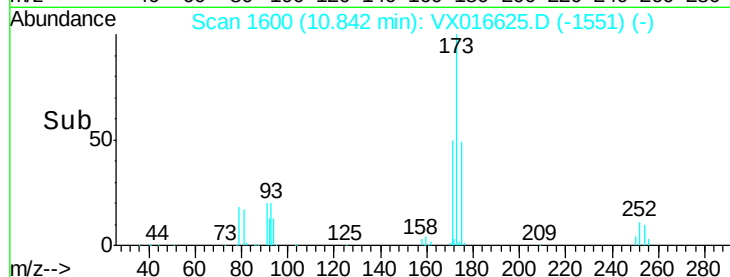
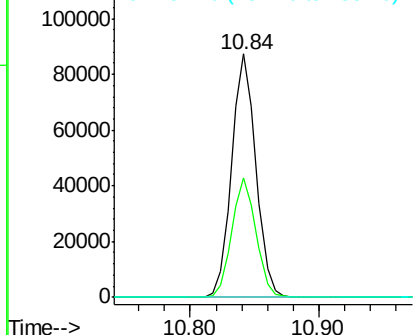


Abundance

Ion 172.70 (172.40 to 173.40): V

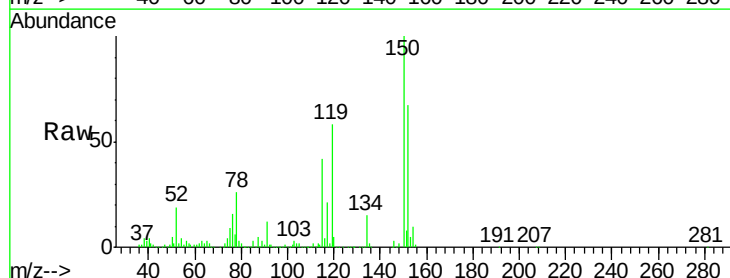
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	39.9	119.6
150	169.1	0.0	341.0

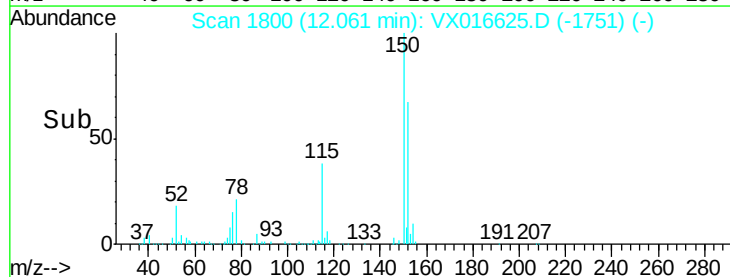
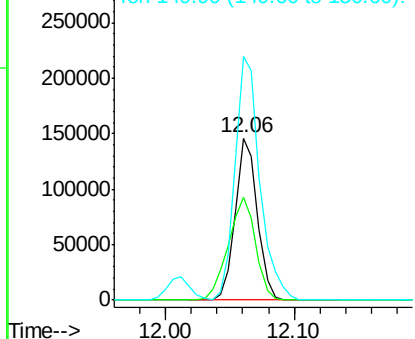


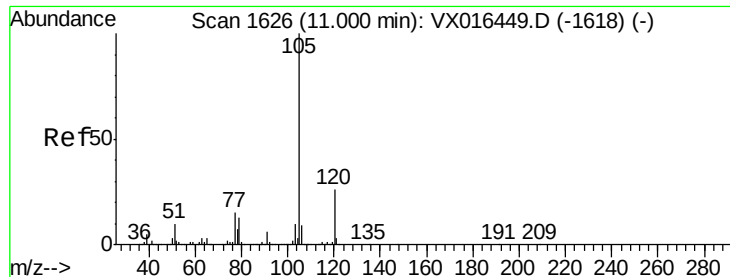
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.238 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 557621

Ion Ratio Lower Upper

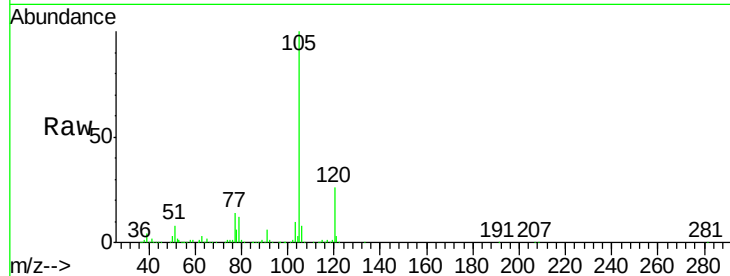
105 100

120 26.4 13.1 39.3

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

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

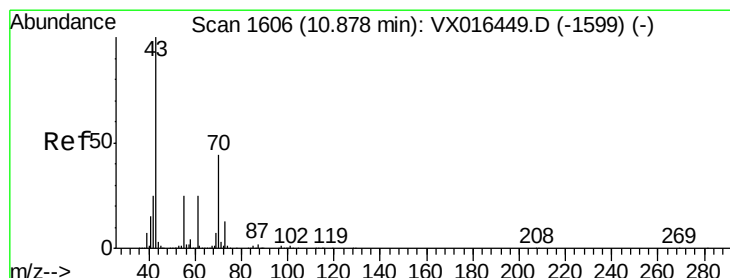
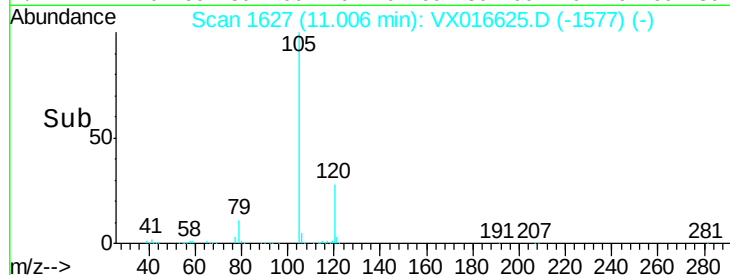
0

11.01

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 41.442 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion: 43 Resp: 229887

Ion Ratio Lower Upper

43 100

70 48.7 36.1 54.1

55 26.5 20.2 30.4

61 26.7 20.3 30.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

100000

50000

0

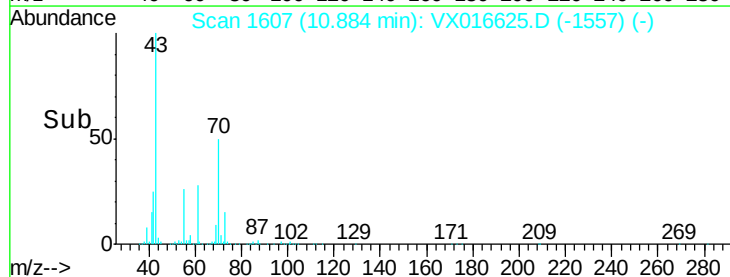
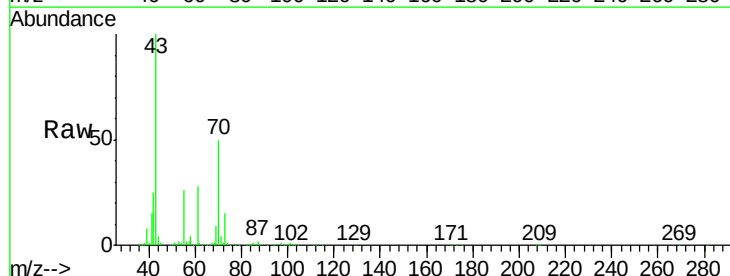
10.88

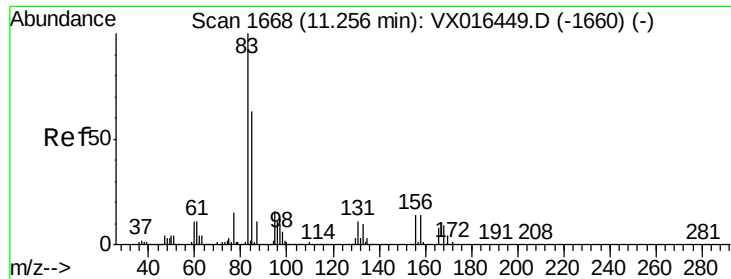
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.030 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

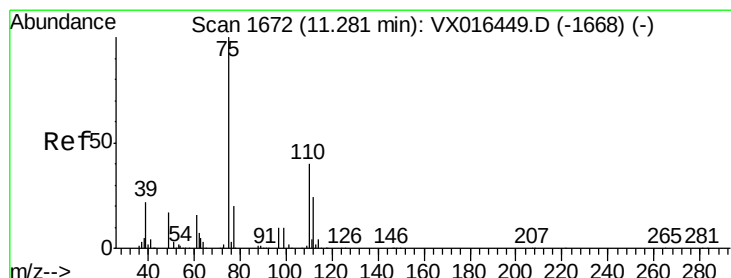
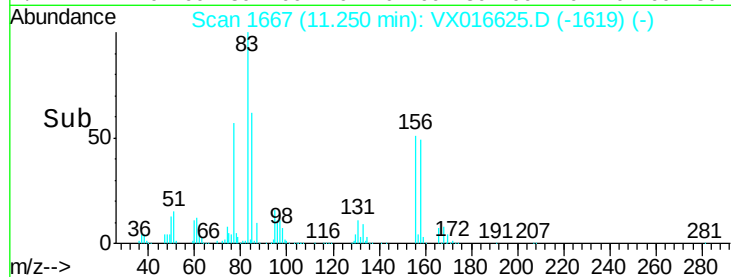
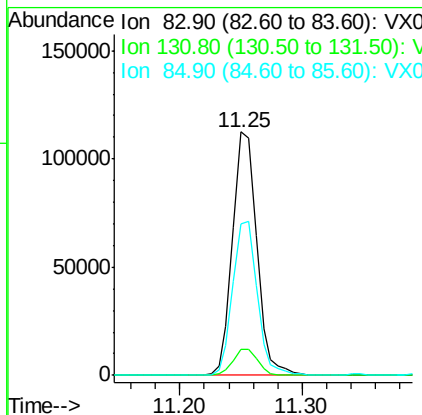
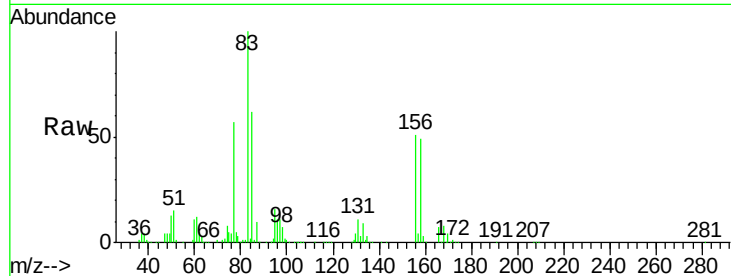
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	154237
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.3
85	63.8	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.815 ug/l m

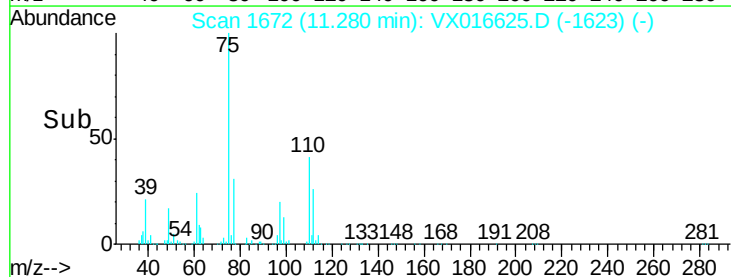
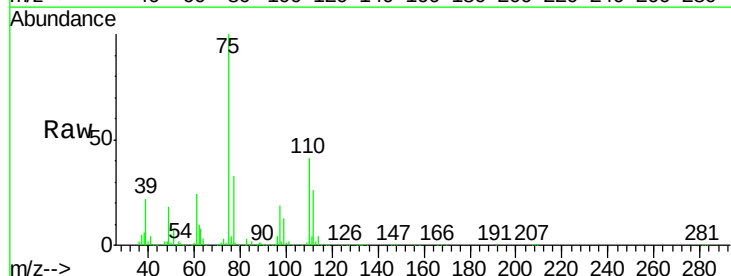
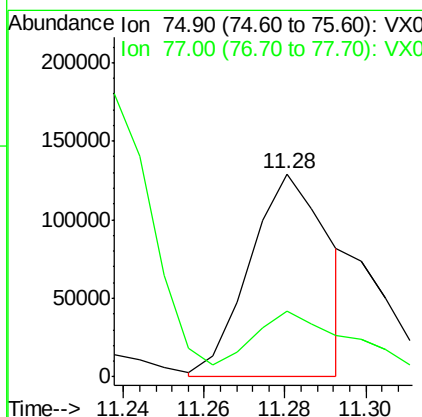
RT: 11.28 min Scan# 1672

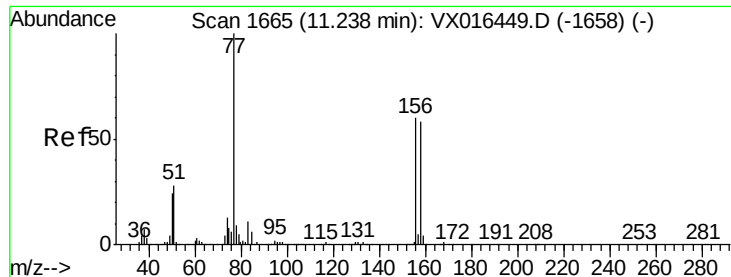
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	75	Resp:	175278
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.3	63.7





#77

Bromobenzene

Concen: 47.744 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

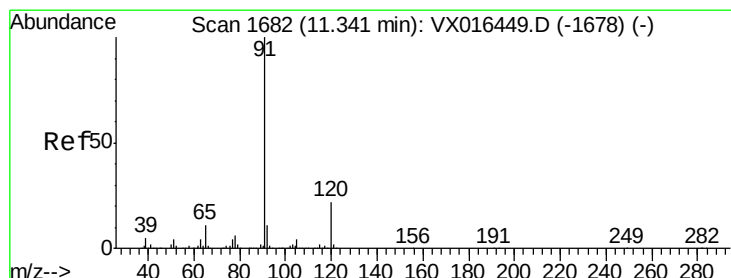
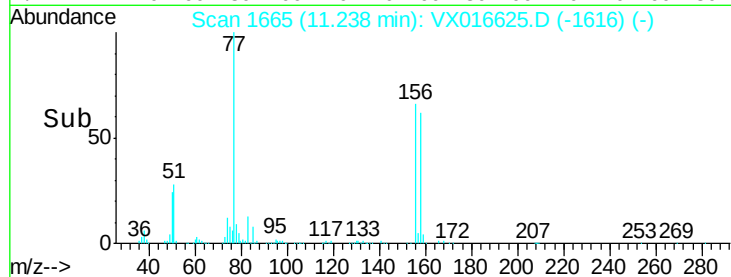
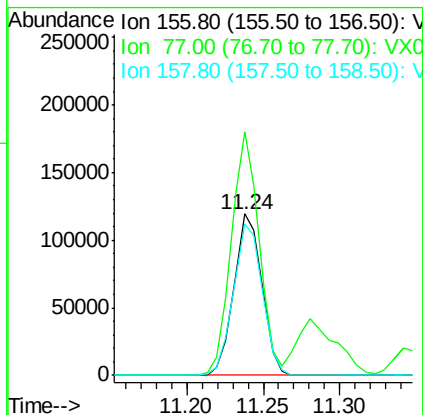
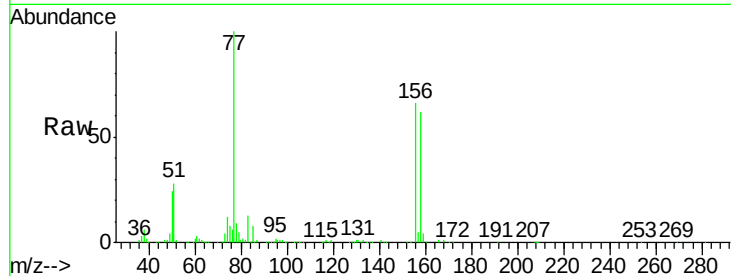
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	151017
Ion Ratio	Lower	Upper	
156	100		
77	150.2	79.6	238.8
158	96.6	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 46.390 ug/l

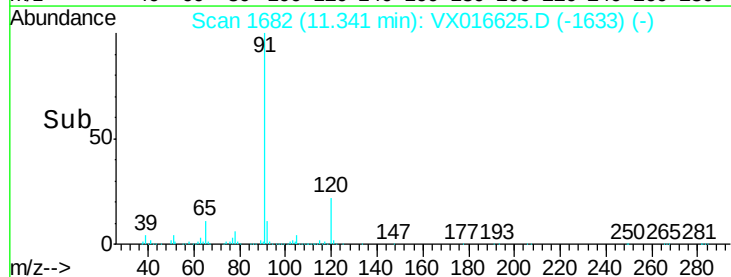
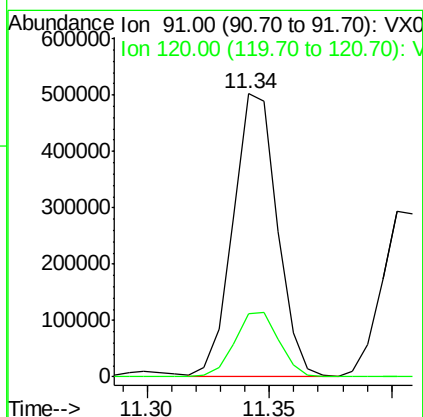
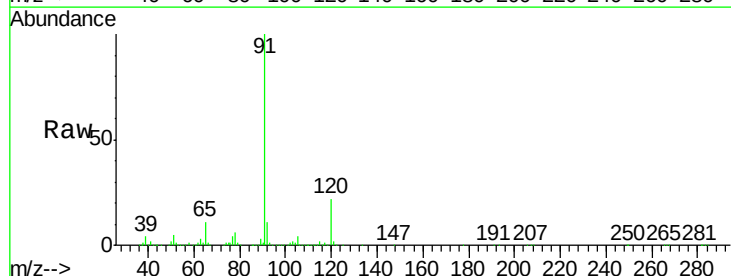
RT: 11.34 min Scan# 1682

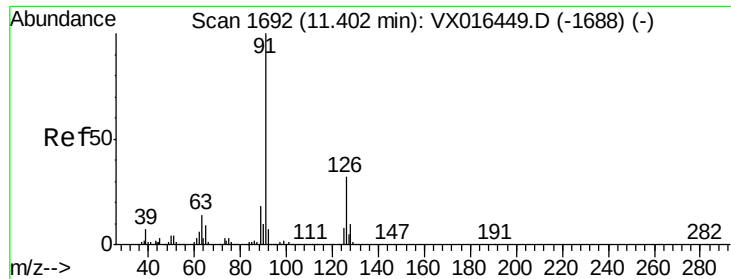
Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Tgt Ion:	91	Resp:	625036
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.7





#79

2-Chlorotoluene

Concen: 46.537 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016625.D

Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 382730

Ion Ratio Lower Upper

91 100

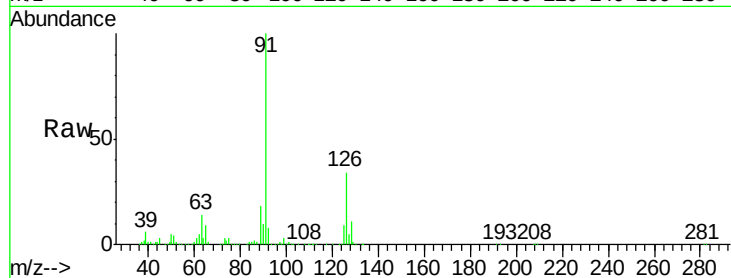
126 34.6 16.8 50.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

500000

400000

300000

200000

100000

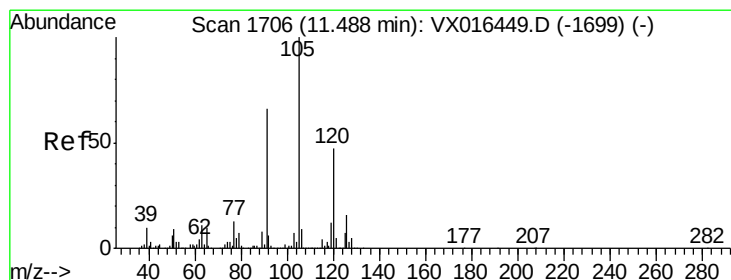
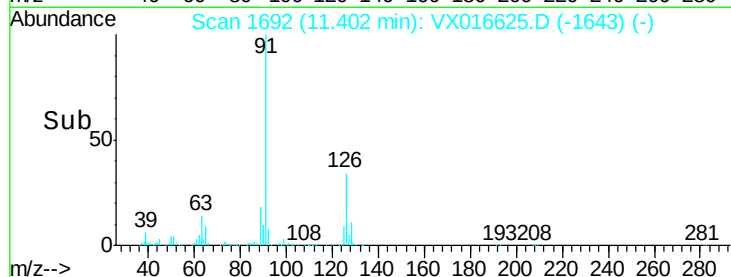
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.807 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016625.D

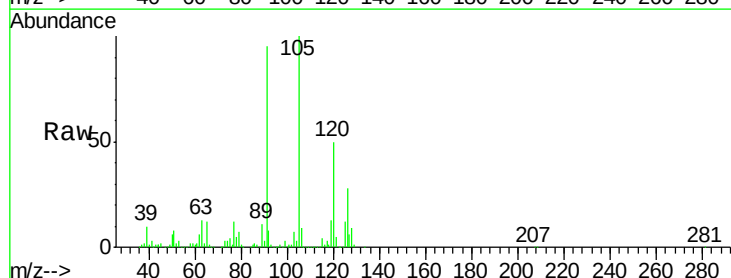
Acq: 05 Jun 2020 20:27

Tgt Ion: 105 Resp: 481405

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

400000

300000

200000

100000

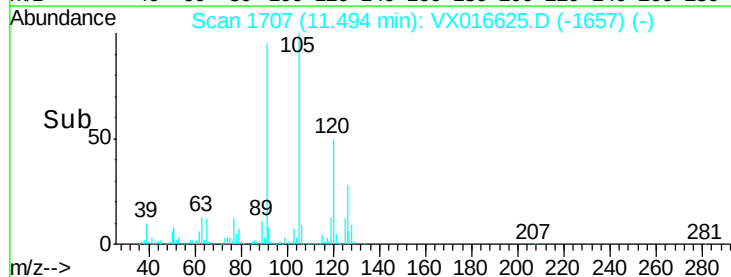
0

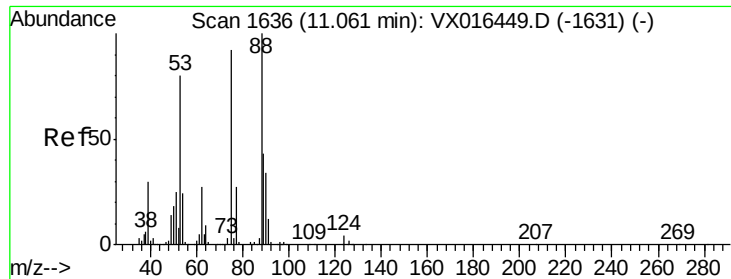
11.40

11.49

11.60

Time-->





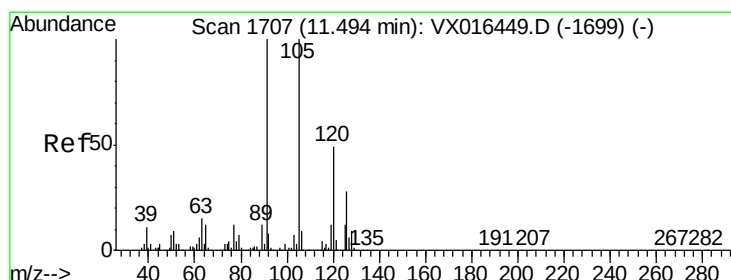
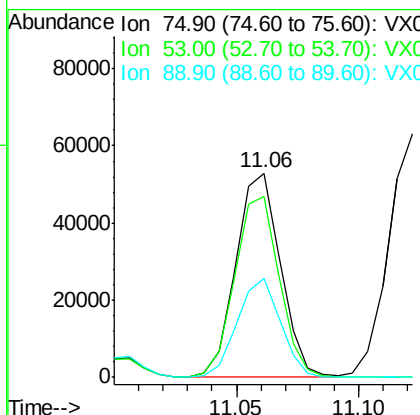
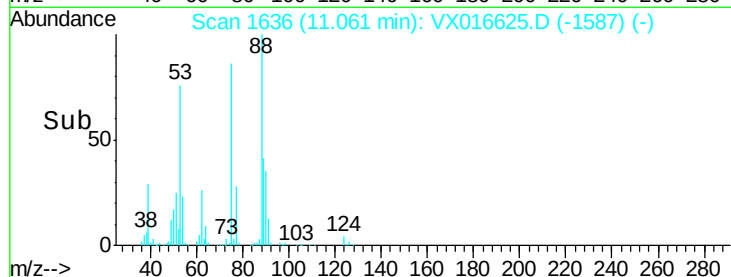
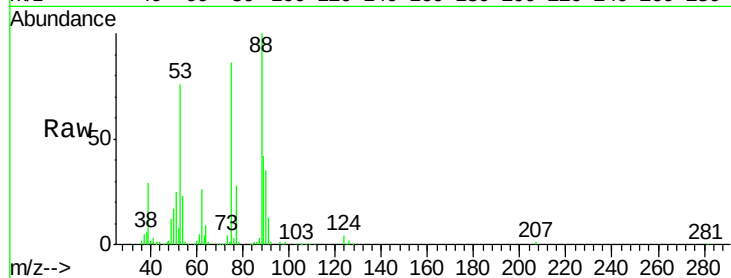
#81
trans-1,4-Dichloro-2-butene
Concen: 42.984 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.1	71.3	106.9
89	47.5	36.6	55.0

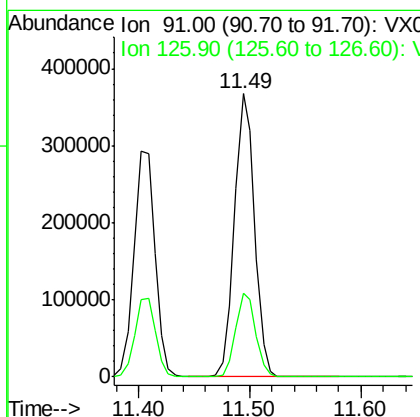
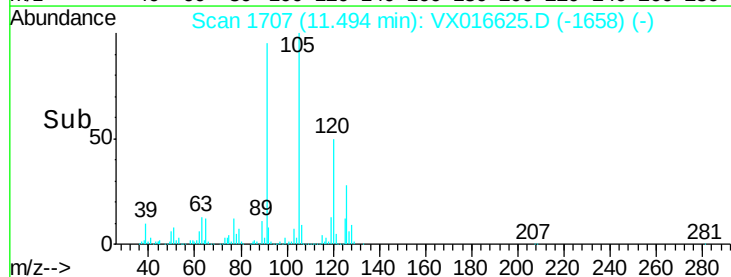
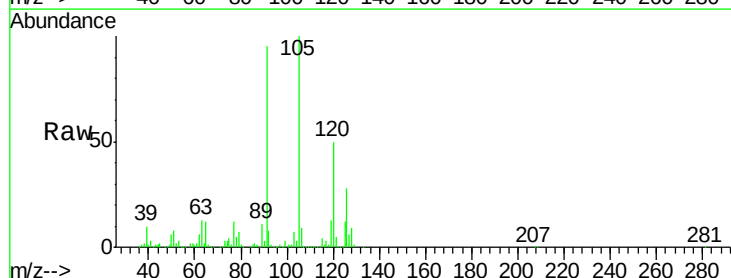
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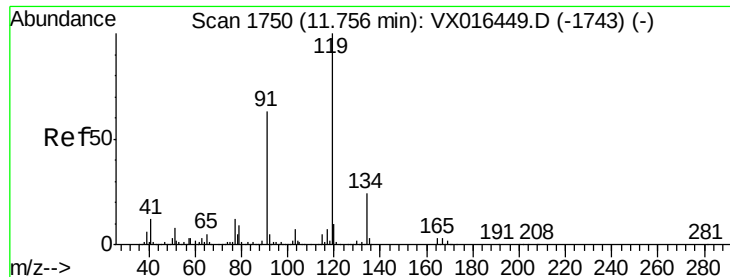
MMDadoda
6/8/2020 4:55:44 PM



#82
4-Chlorotoluene
Concen: 47.105 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.7	44.1





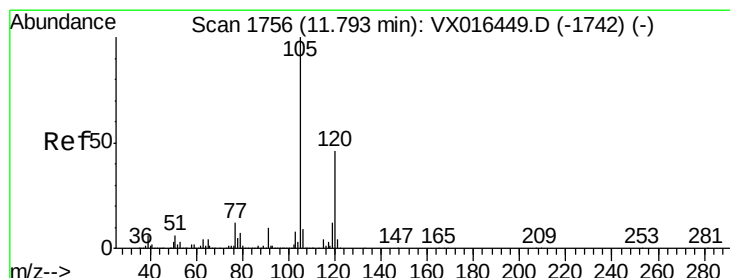
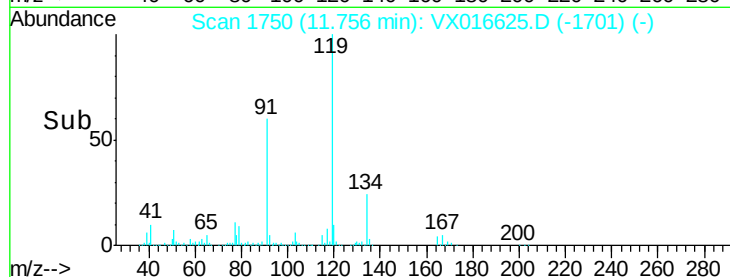
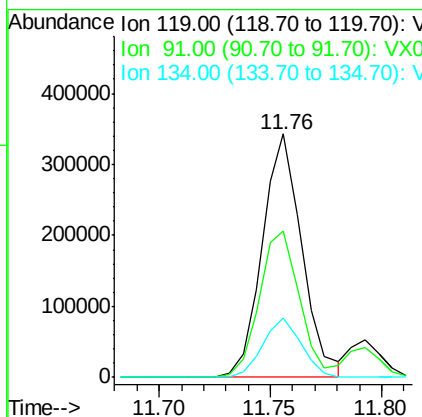
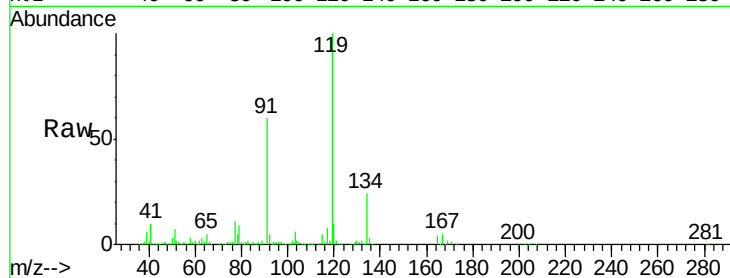
#83
 tert-Butylbenzene
 Concen: 49.200 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	31.3	93.8
134	23.7	12.0	36.0

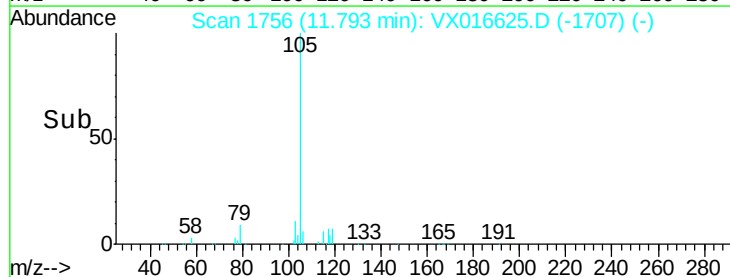
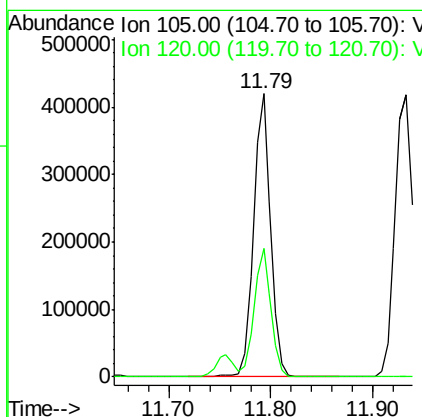
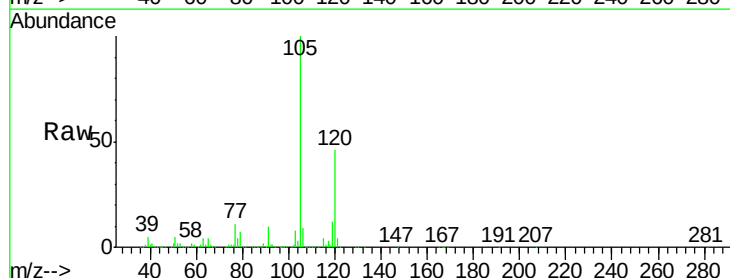
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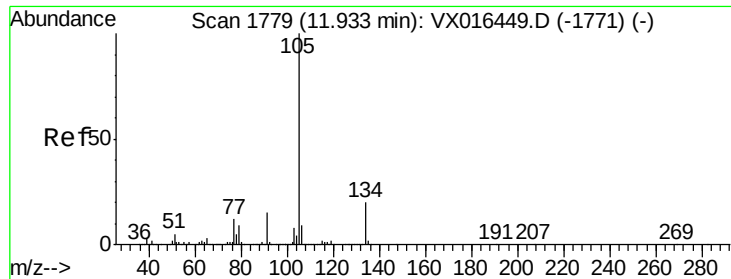
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.251 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7





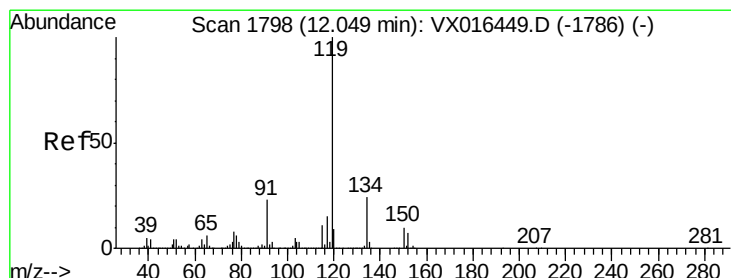
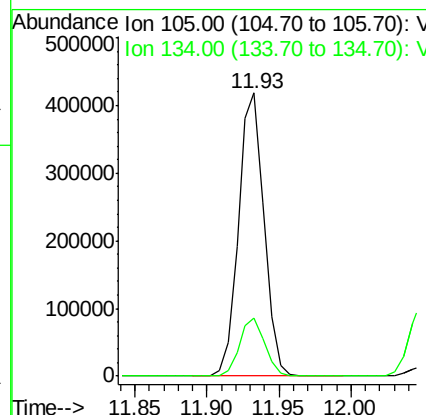
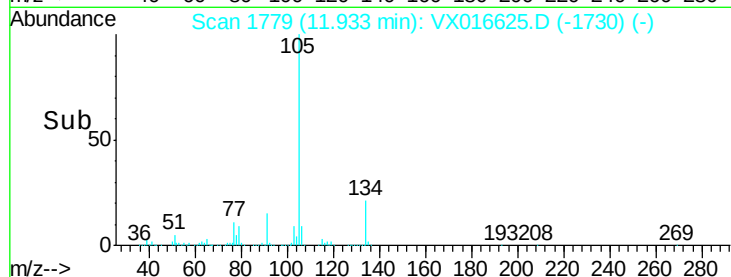
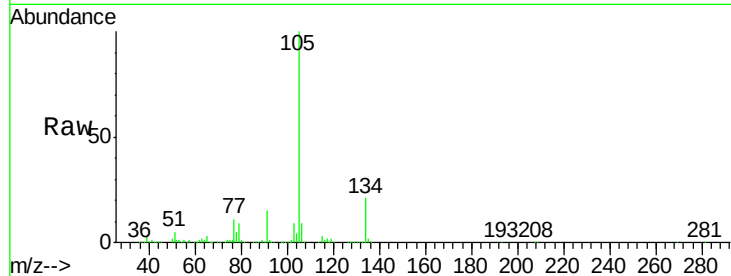
#85
 sec-Butylbenzene
 Concen: 47.869 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

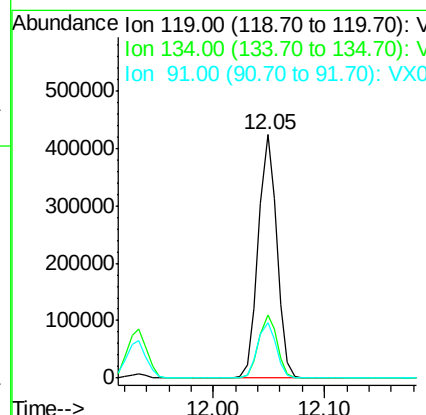
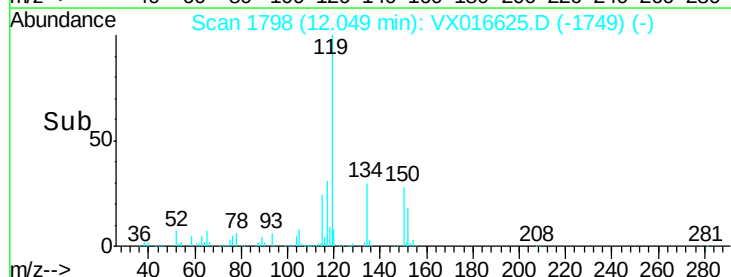
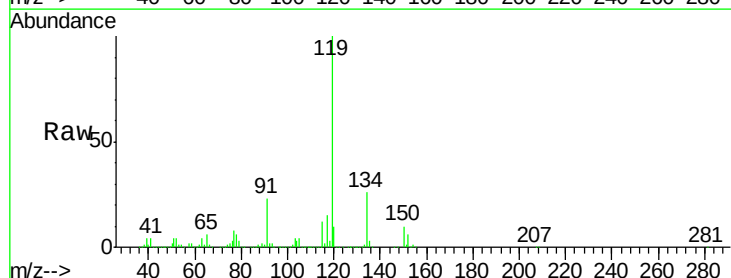
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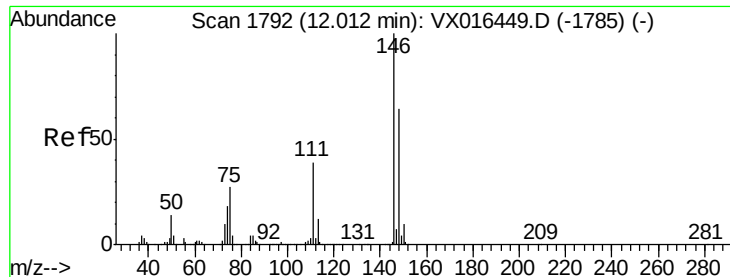
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#86
 p-Isopropyltoluene
 Concen: 48.920 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.7	38.0
91	23.0	11.7	35.0





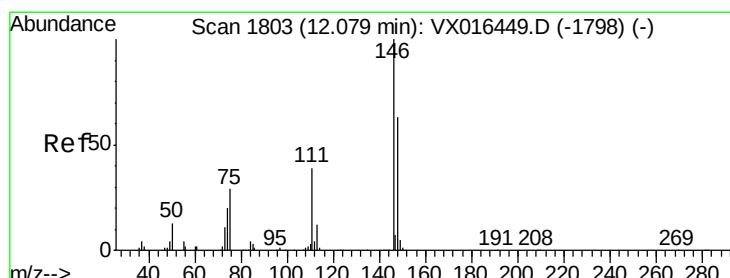
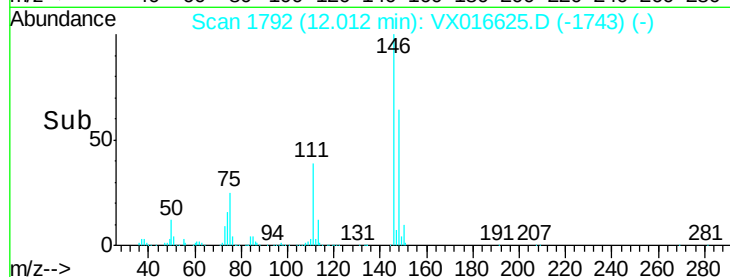
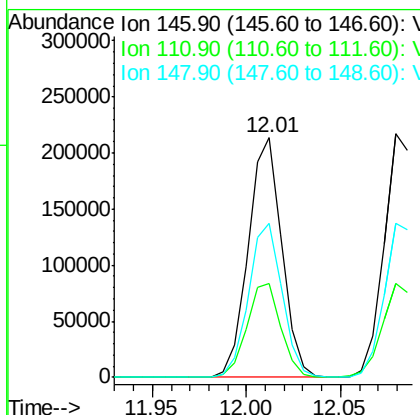
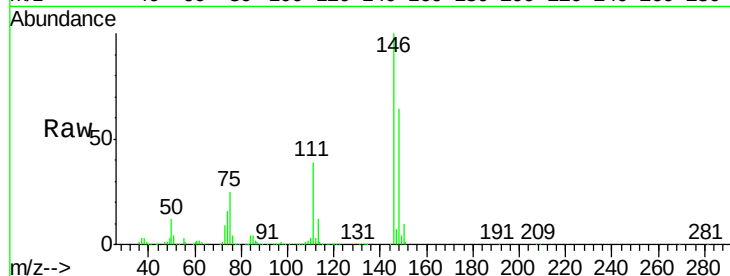
#87
 1,3-Dichlorobenzene
 Concen: 47.983 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.4	31.9	95.5

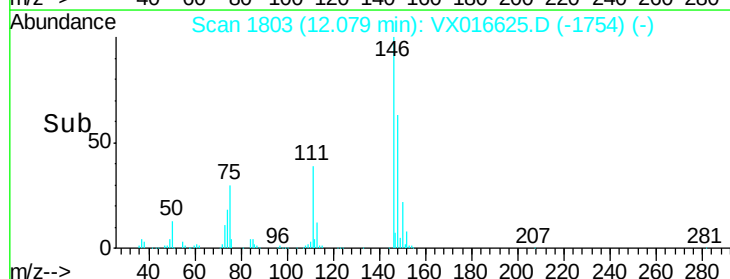
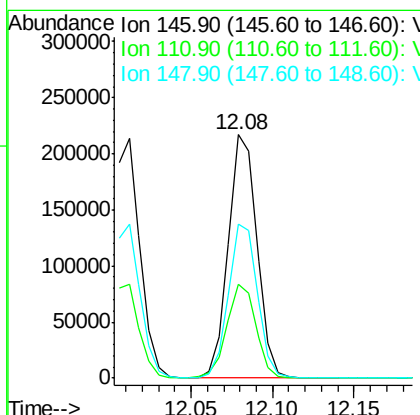
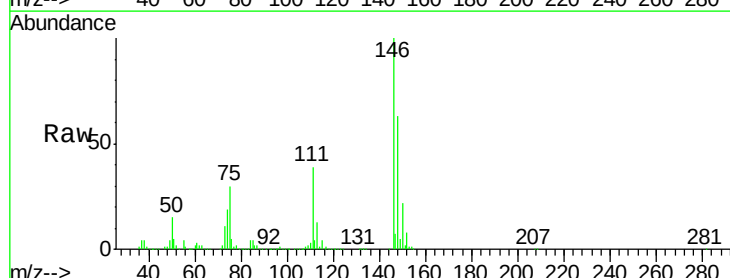
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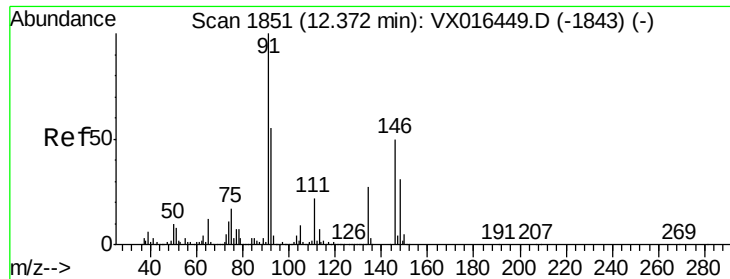
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#88
 1,4-Dichlorobenzene
 Concen: 47.192 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	64.2	31.4	94.3





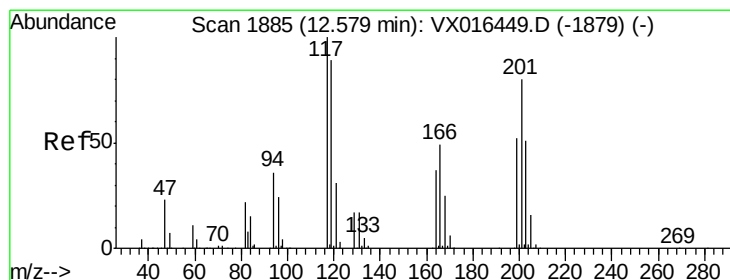
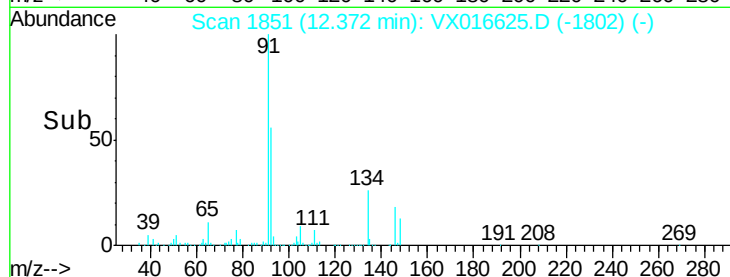
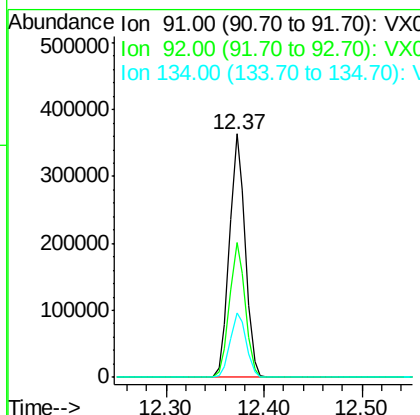
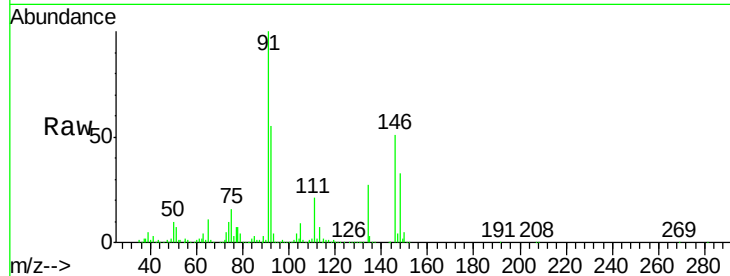
#89
n-Butylbenzene
Concen: 48.201 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.5
134	27.2	13.1	39.3

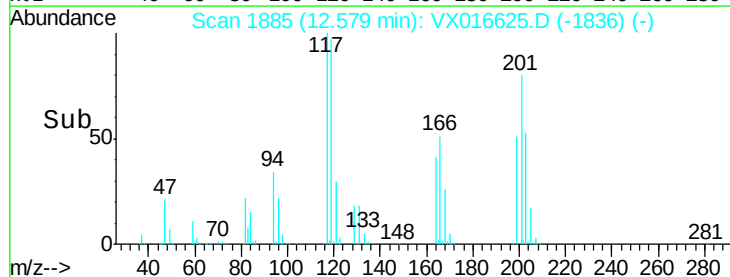
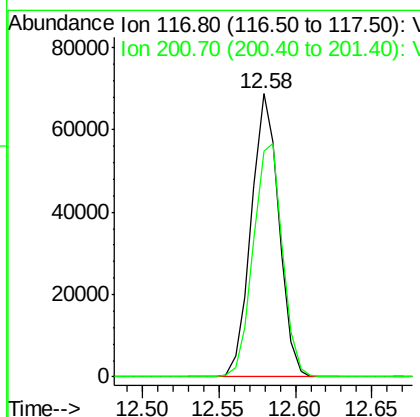
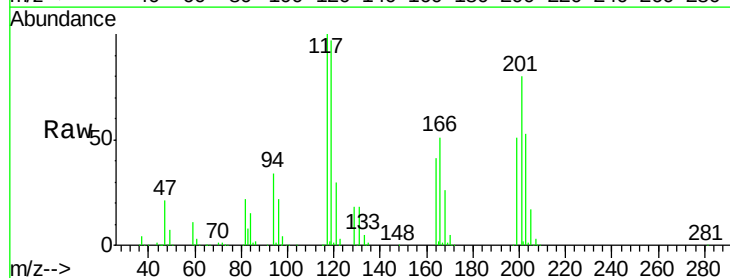
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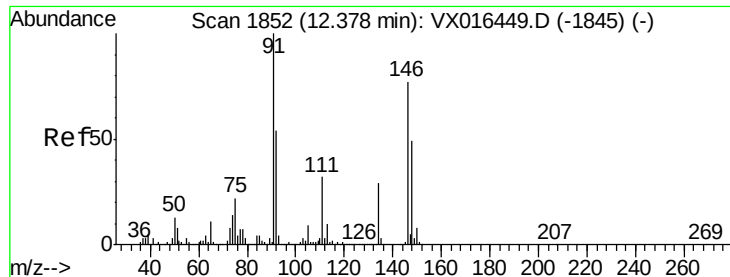
MMDadoda
6/8/2020 4:55:44 PM



#90
Hexachloroethane
Concen: 49.634 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	43.1	129.3





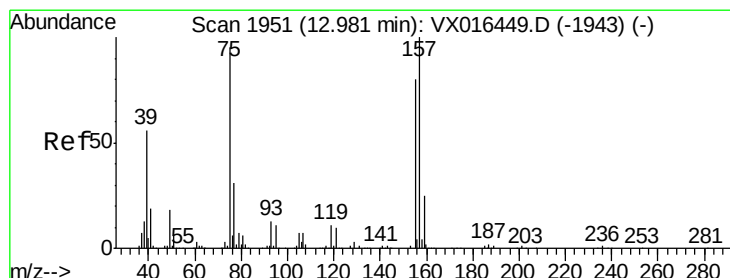
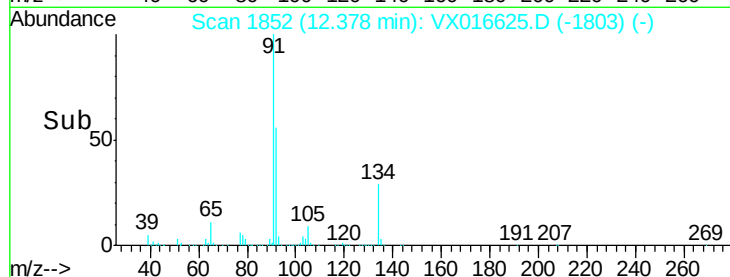
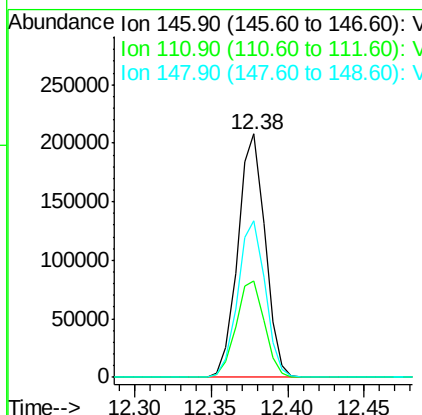
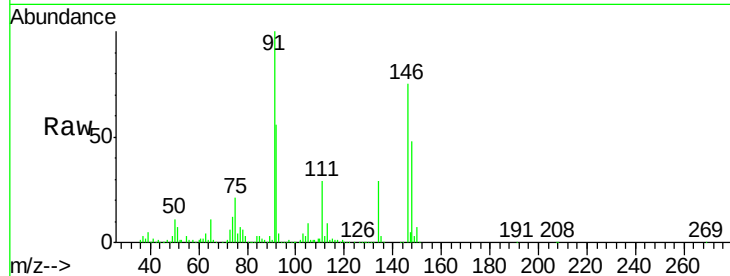
#91
 1,2-Dichlorobenzene
 Concen: 48.442 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.4	64.3
148	64.6	31.9	95.7

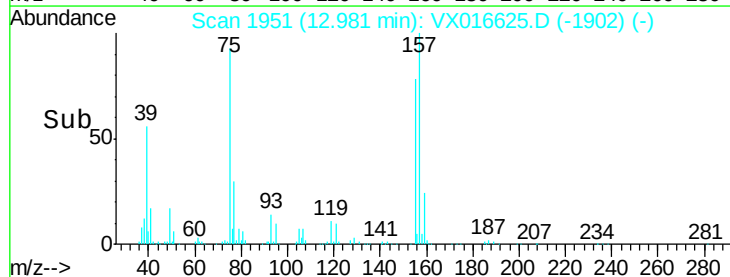
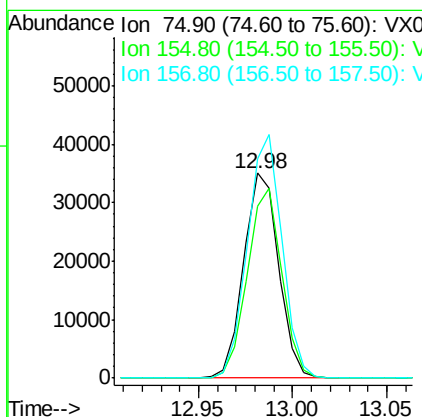
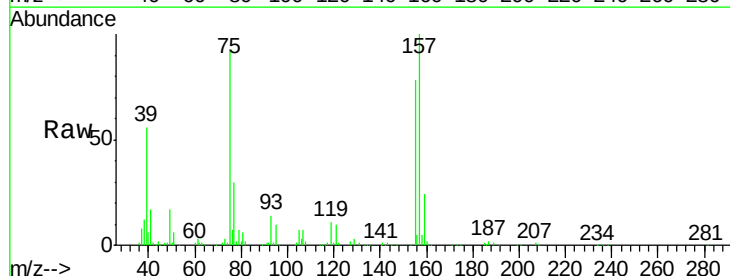
Manual Integrations
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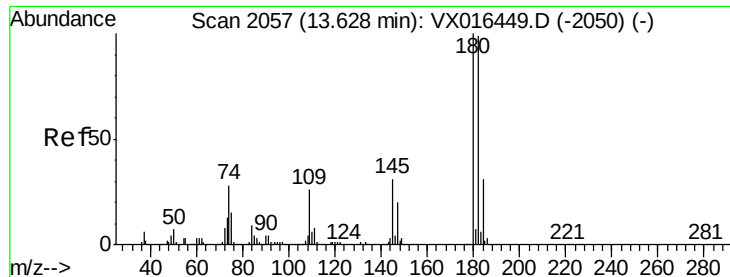
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 6/8/2020 4:55:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.004 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016625.D
 Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	44.1	132.4
157	117.6	57.8	173.3





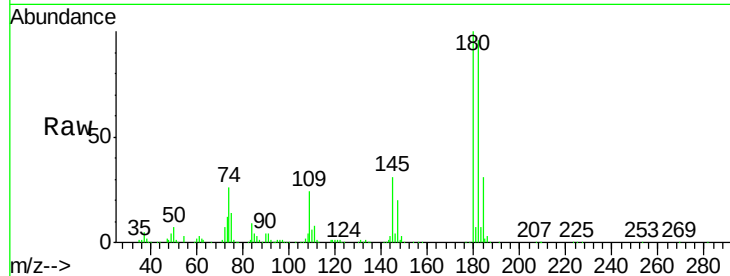
#93
1,2,4-Trichlorobenzene
Concen: 48.923 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

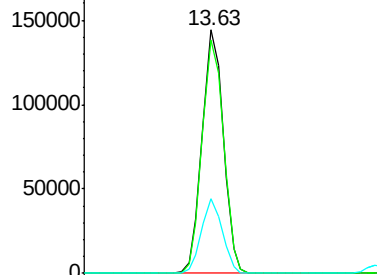
Tot Ion	Ratio	Resp	Lower	Upper
180	100	172508		
182	97.2	48.3	144.8	
145	30.3	15.4	46.2	

Manual Integrations
APPROVED

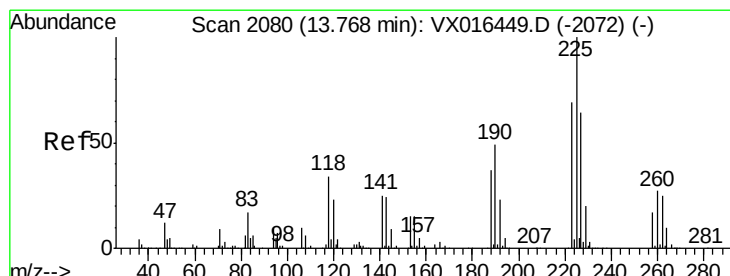
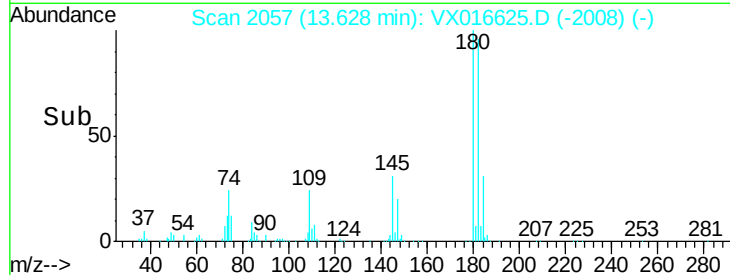
MMDadoda
6/8/2020 4:55:44 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

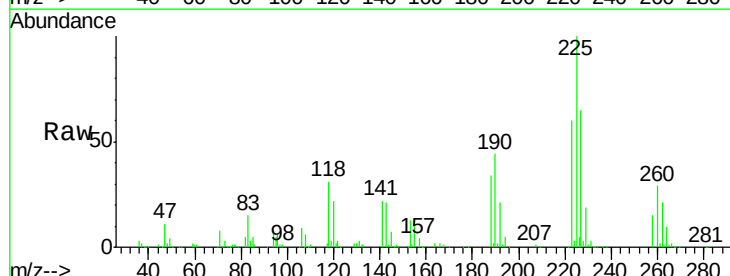


Time-->

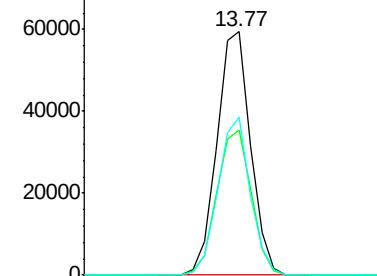


#94
Hexachlorobutadiene
Concen: 53.098 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

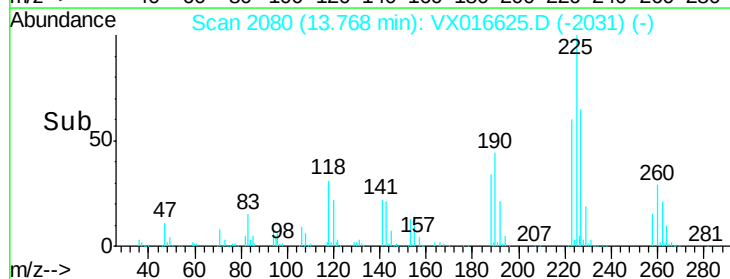
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73510		
223	61.2	32.3	96.8	
227	62.3	31.6	94.7	

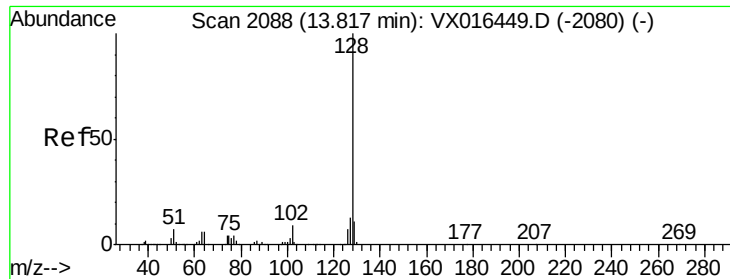


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



Time-->





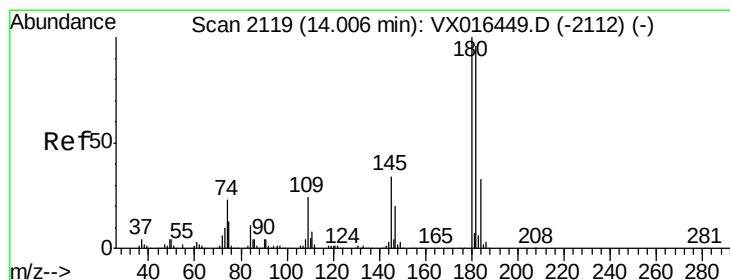
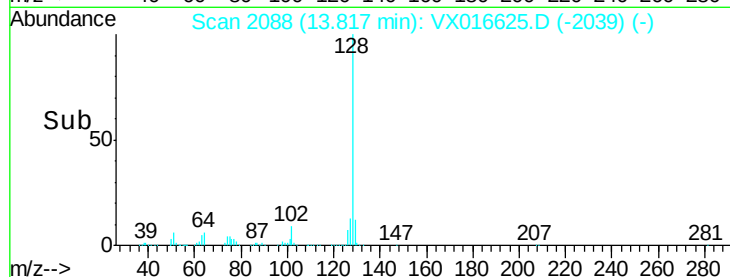
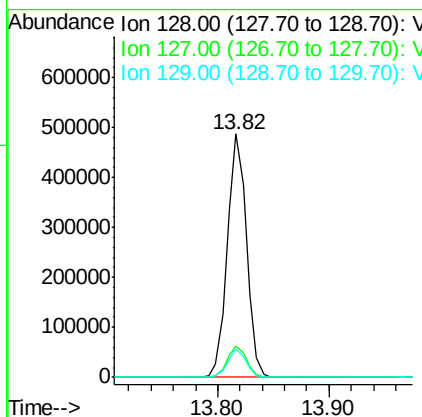
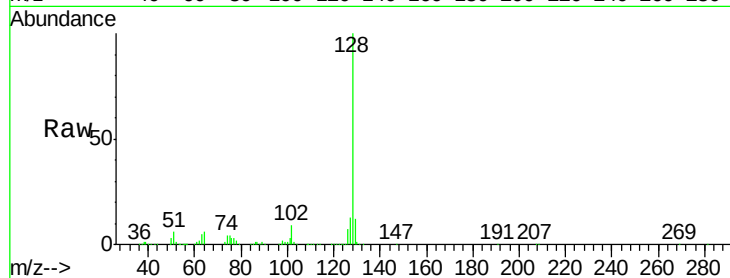
#95
Naphthalene
Concen: 47.910 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 4:55:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.549 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016625.D
Acq: 05 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.6	145.8
145	31.9	16.6	49.8

