

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016470.D
 Acq On : 28 May 2020 00:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:10:38 PM

Quant Time: May 28 05:18:18 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	394213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	644834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	571706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	286924	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	239978	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
35) Dibromofluoromethane	5.47	113	190553	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	8.70	98	738792	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	276268	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	177845	45.842	ug/l	98
3) Chloromethane	1.31	50	206854	44.122	ug/l	100
4) Vinyl Chloride	1.39	62	233642	47.125	ug/l	97
5) Bromomethane	1.62	94	92182	38.240	ug/l	98
6) Chloroethane	1.70	64	138955	48.046	ug/l	96
7) Trichlorofluoromethane	1.91	101	287918	44.219	ug/l	97
8) Diethyl Ether	2.17	74	126146	46.462	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	167356	46.701	ug/l	100
10) Methyl Iodide	2.49	142	170061	40.349	ug/l	98
11) Tert butyl alcohol	3.02	59	379423	302.236	ug/l	100
12) 1,1-Dichloroethene	2.36	96	177988	46.923	ug/l	99
13) Acrolein	2.27	56	135005	252.806	ug/l	96
14) Allyl chloride	2.70	41	346821	49.717	ug/l	97
15) Acrylonitrile	3.12	53	683430	265.762	ug/l	99
16) Acetone	2.42	43	606175	282.615	ug/l	100
17) Carbon Disulfide	2.55	76	536152	47.597	ug/l	100
18) Methyl Acetate	2.75	43	292945	53.251	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	658304	48.331	ug/l	99
20) Methylene Chloride	2.83	84	206117	46.447	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	195120	46.505	ug/l	98
22) Diisopropyl ether	3.82	45	646049	48.209	ug/l	99
23) Vinyl Acetate	3.78	43	2944299	251.009	ug/l	99
24) 1,1-Dichloroethane	3.67	63	362726	47.956	ug/l	99
25) 2-Butanone	4.64	43	997417	274.437	ug/l	100
26) 2,2-Dichloropropane	4.55	77	245032	39.590	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	223346	46.014	ug/l	100
28) Bromochloromethane	4.98	49	167294	47.596	ug/l	100
29) Tetrahydrofuran	5.09	42	641442	273.186	ug/l	100
30) Chloroform	5.18	83	349639	45.877	ug/l	97
31) Cyclohexane	5.55	56	318147	46.755	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	313281	45.405	ug/l	100
36) 1,1-Dichloropropene	5.77	75	267746	43.854	ug/l	99
37) Ethyl Acetate	4.79	43	353634	48.245	ug/l	100
38) Carbon Tetrachloride	5.76	117	272569	42.482	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	300929	45.379	ug/l	99
40) Benzene	6.11	78	811771	44.648	ug/l	100
41) Methacrylonitrile	5.00	41	188334	46.776	ug/l	99
42) 1,2-Dichloroethane	6.17	62	280726	43.417	ug/l	99
43) Isopropyl Acetate	6.42	43	544001	47.580	ug/l	99
44) Trichloroethene	7.19	130	237385	41.151	ug/l	95
45) 1,2-Dichloropropane	7.49	63	210275	45.430	ug/l	96
46) Dibromomethane	7.64	93	138628	44.591	ug/l	99
47) Bromodichloromethane	7.88	83	284558	44.205	ug/l	99
48) Methyl methacrylate	7.75	41	262840	48.013	ug/l	99
49) 1,4-Dioxane	7.71	88	142218	1110.092	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1773369	249.097	ug/l	100
52) Toluene	8.77	92	505672	44.105	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	327449	44.735	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	346350	44.703	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	204887	44.946	ug/l	97
56) Ethyl methacrylate	9.16	69	353747	47.648	ug/l	99
57) 1,3-Dichloropropane	9.35	76	354295	45.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	912901	235.581	ug/l	99
59) 2-Hexanone	9.48	43	1412748	255.180	ug/l	100
60) Dibromochloromethane	9.57	129	227129	44.275	ug/l	100
61) 1,2-Dibromoethane	9.65	107	219539	44.973	ug/l	99
64) Tetrachloroethene	9.32	164	255575	39.957	ug/l	97
65) Chlorobenzene	10.12	112	536155	46.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	203972	45.845	ug/l	98
67) Ethyl Benzene	10.24	91	954405	45.991	ug/l	98
68) m/p-Xylenes	10.34	106	713058	92.675	ug/l	100
69) o-Xylene	10.68	106	346881	46.552	ug/l	97
70) Styrene	10.70	104	609625	47.597	ug/l	99
71) Bromoform	10.84	173	177323	47.158	ug/l #	98
73) Isopropylbenzene	11.00	105	911706	45.860	ug/l	100
74) N-amyl acetate	10.88	43	456418	49.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	269836	54.157	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	296889m	47.075	ug/l	
77) Bromobenzene	11.24	156	237266	45.503	ug/l	99
78) n-propylbenzene	11.34	91	1035529	46.623	ug/l	100
79) 2-Chlorotoluene	11.40	91	617190	45.524	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	762968	45.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	117933	45.998	ug/l	98
82) 4-Chlorotoluene	11.49	91	732958	45.782	ug/l	99
83) tert-Butylbenzene	11.76	119	682565	48.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	774112	46.112	ug/l	100
85) sec-Butylbenzene	11.93	105	840670	47.247	ug/l	99
86) p-Isopropyltoluene	12.05	119	775949	46.555	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	409121	45.289	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	407533	44.110	ug/l	98
89) n-Butylbenzene	12.37	91	660710	47.592	ug/l	99
90) Hexachloroethane	12.58	117	135920	47.212	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	394402	45.063	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	82294	50.992	ug/l	99

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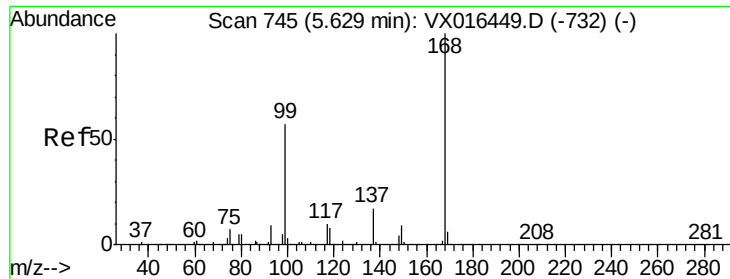
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	274563	47.236	ug/l	99
94) Hexachlorobutadiene	13.77	225	106027	46.459	ug/l	98
95) Naphthalene	13.82	128	984027	49.383	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	273242	47.983	ug/l	99

(#) = 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: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 394213

Ion Ratio Lower Upper

168 100

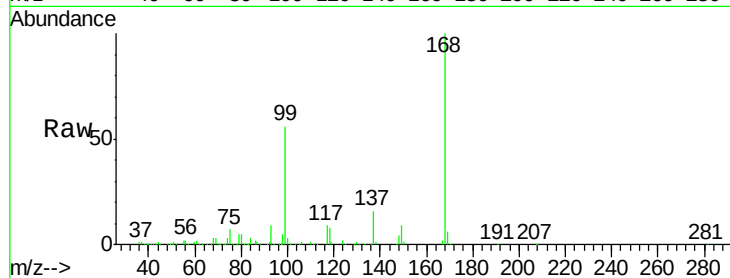
99 56.4 45.2 67.8

Manual Integrations

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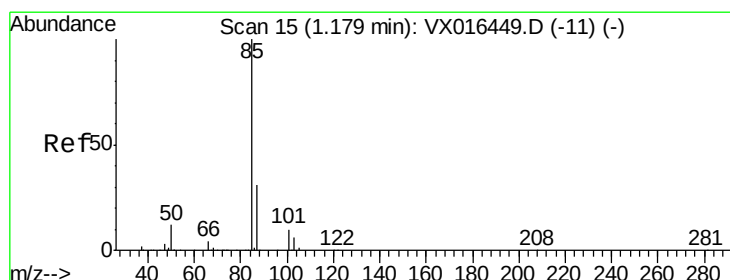
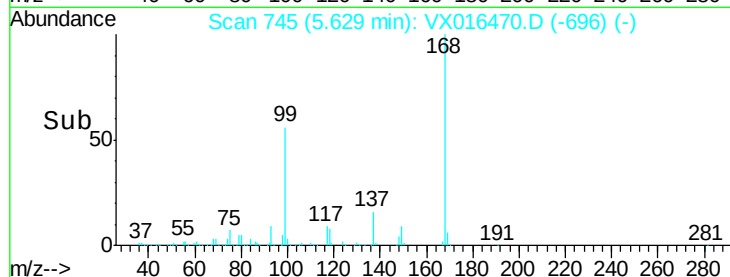
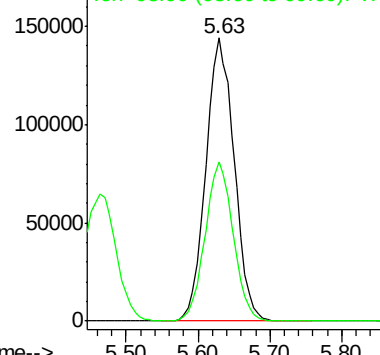
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.842 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016470.D

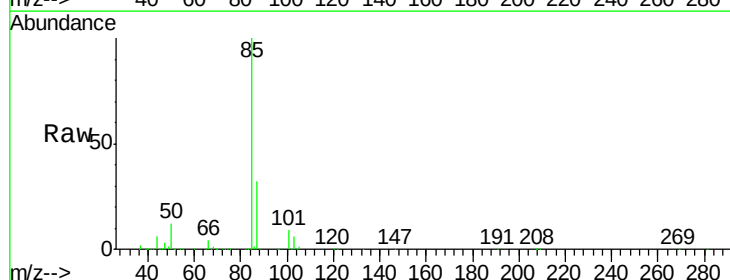
Acq: 28 May 2020 00:45

Tgt Ion: 85 Resp: 177845

Ion Ratio Lower Upper

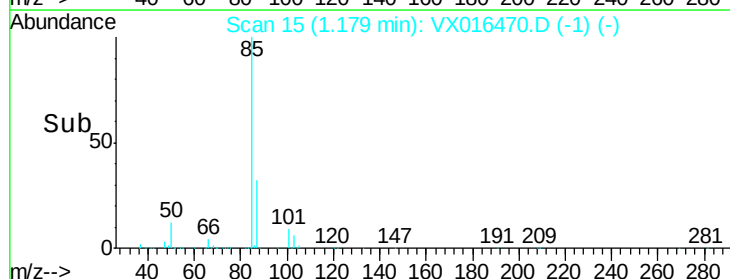
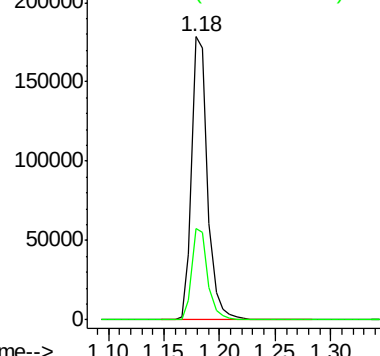
85 100

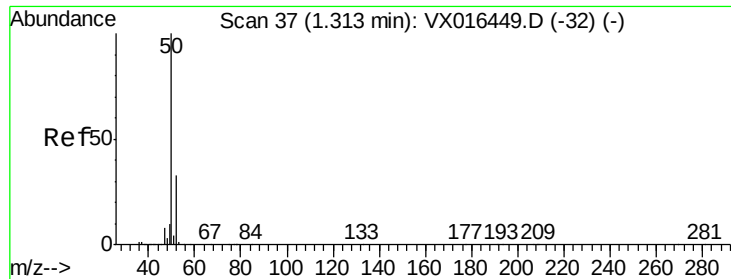
87 32.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.122 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 206854

Ion Ratio Lower Upper

50 100

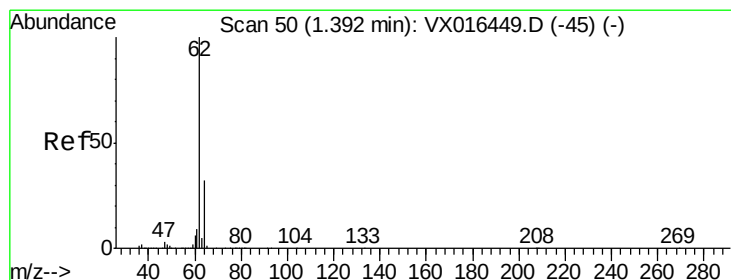
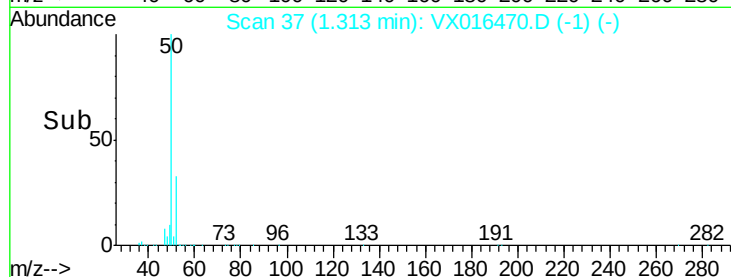
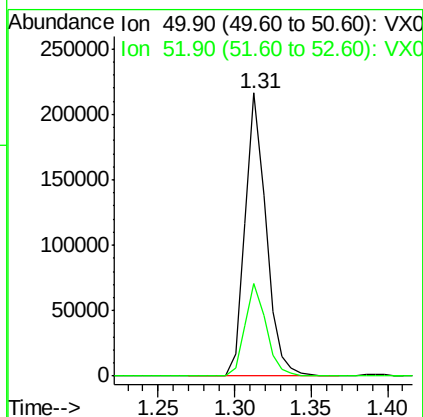
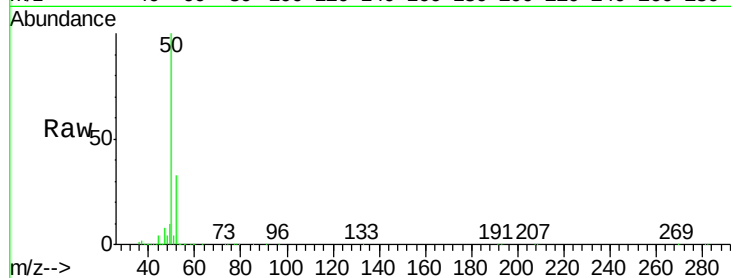
52 32.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.125 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016470.D

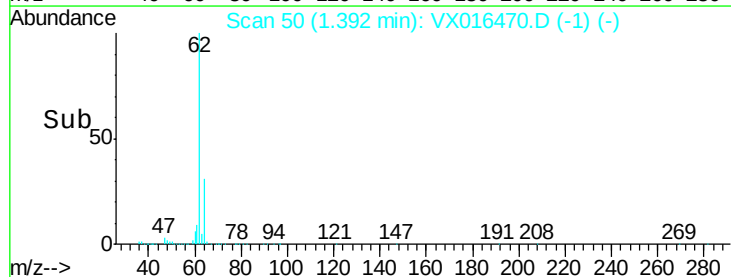
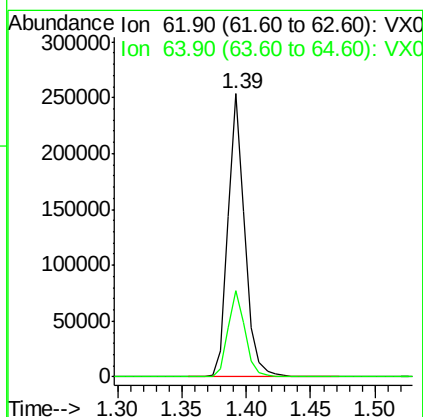
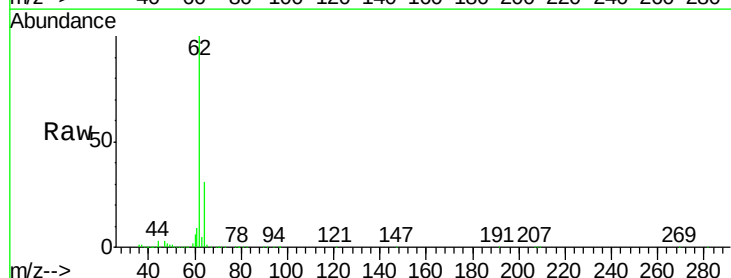
Acq: 28 May 2020 00:45

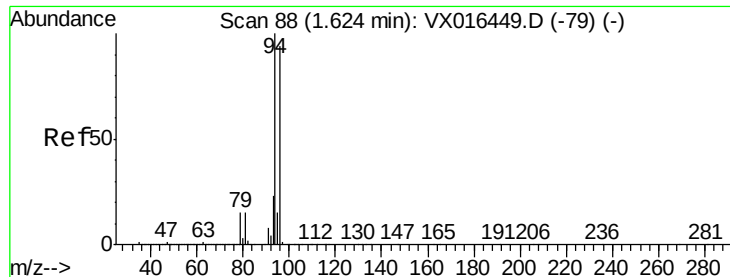
Tgt Ion: 62 Resp: 233642

Ion Ratio Lower Upper

62 100

64 30.6 25.9 38.9





#5

Bromomethane

Concen: 38.240 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 92182

Ion Ratio Lower Upper

94 100

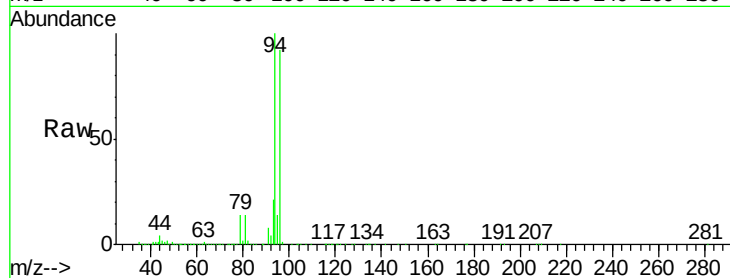
96 91.9 75.1 112.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

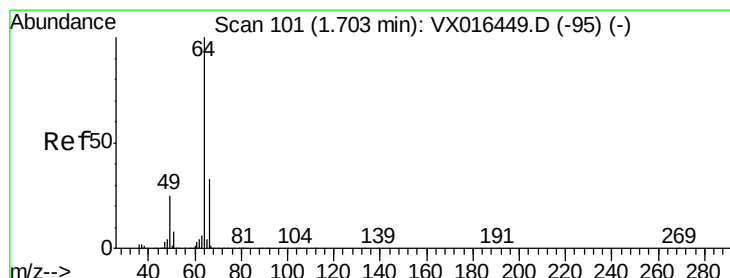
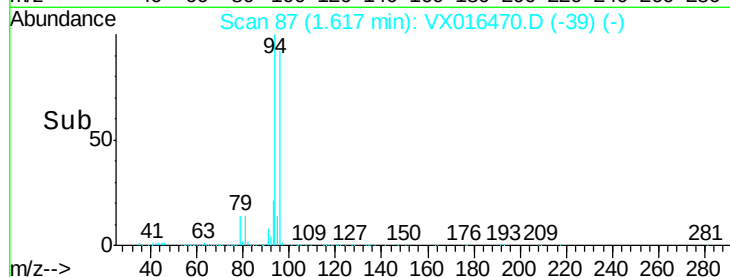
60000

40000

20000

0

Time--> 1.55 1.60 1.65



#6

Chloroethane

Concen: 48.046 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016470.D

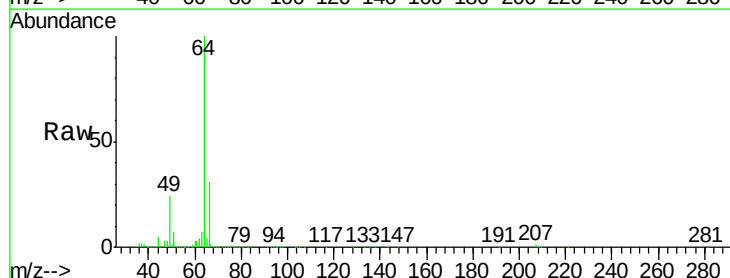
Acq: 28 May 2020 00:45

Tgt Ion: 64 Resp: 138955

Ion Ratio Lower Upper

64 100

66 31.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

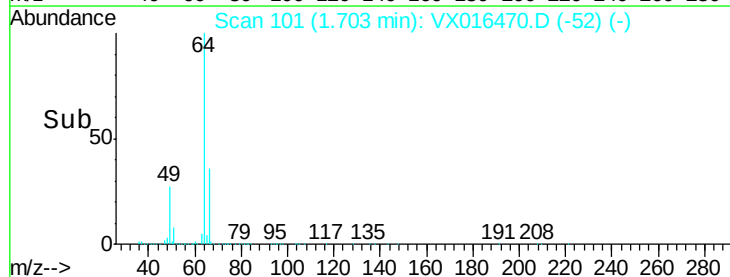
1.70

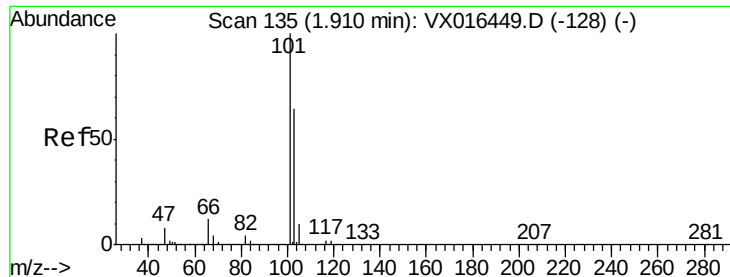
100000

50000

0

Time--> 1.60 1.70 1.80





#7

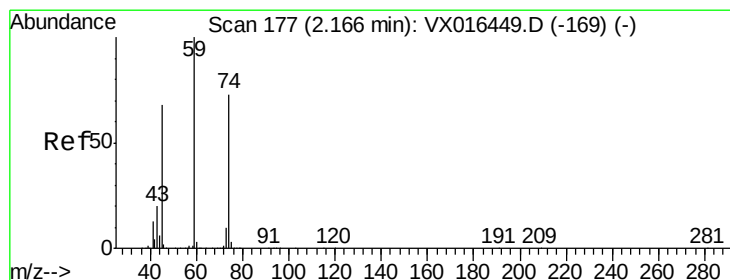
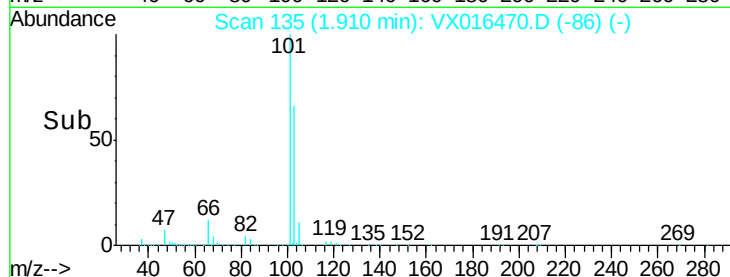
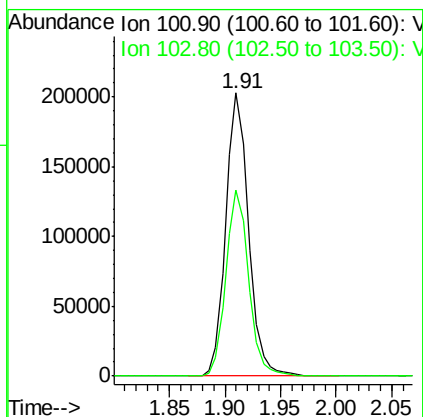
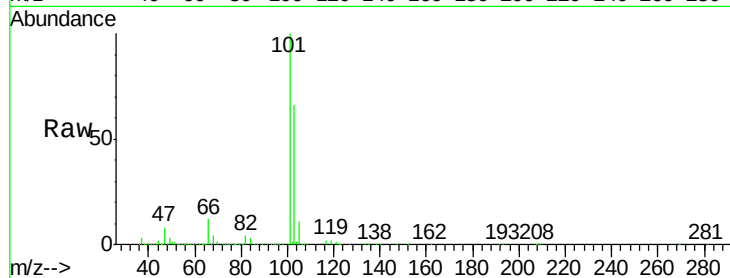
Trichlorofluoromethane
Concen: 44.219 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.9	76.3

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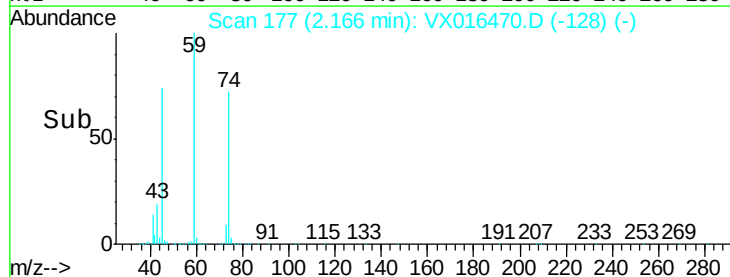
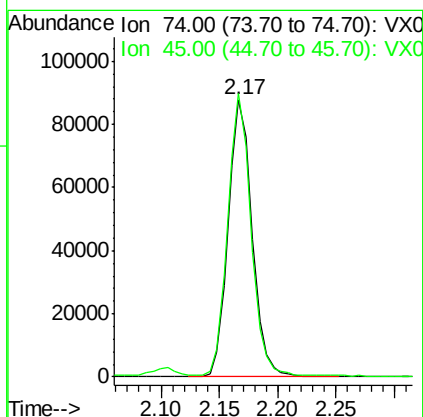
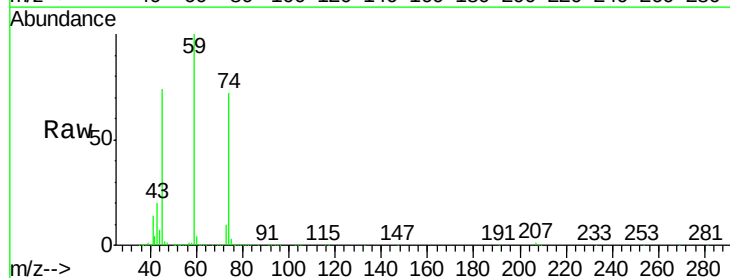
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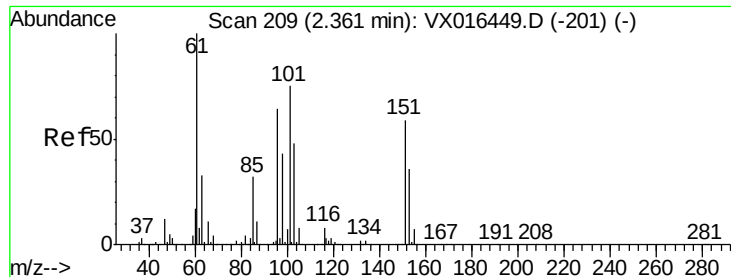


#8

Diethyl Ether
Concen: 46.462 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.701 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

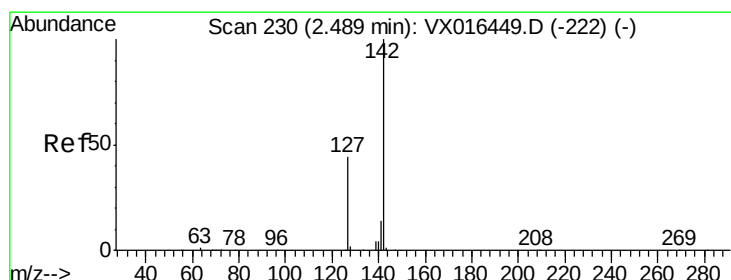
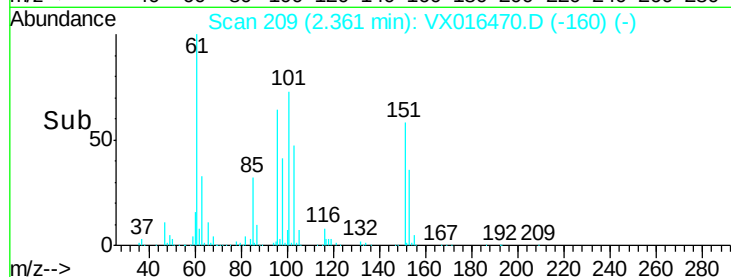
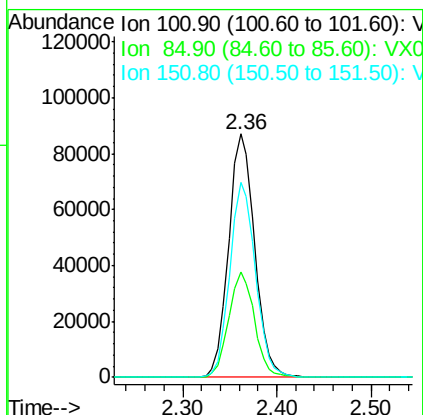
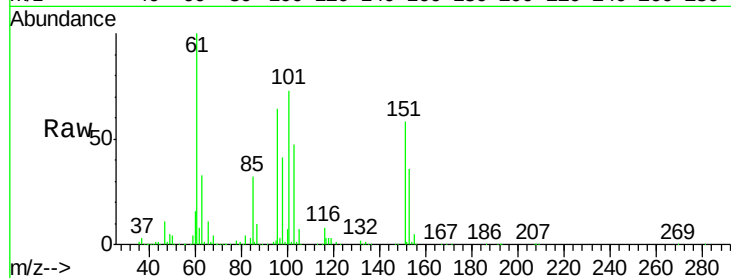
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	167356
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	79.3	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 40.349 ug/l

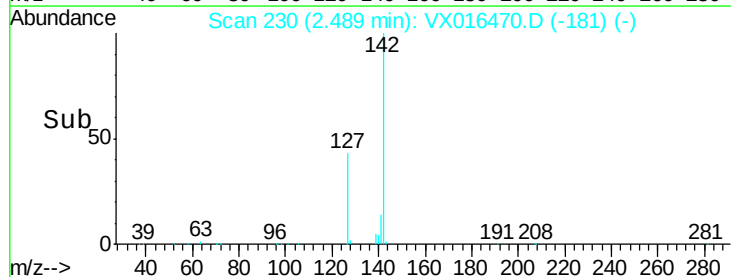
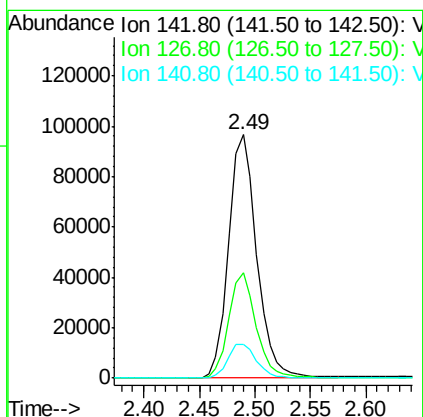
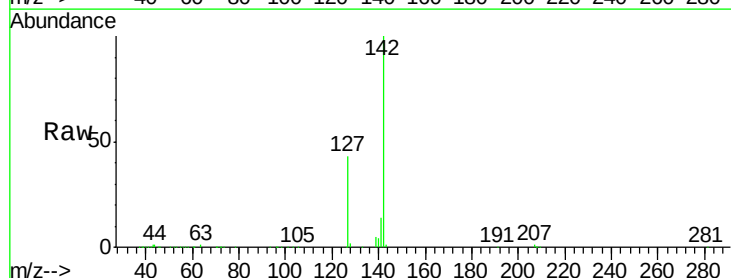
RT: 2.49 min Scan# 230

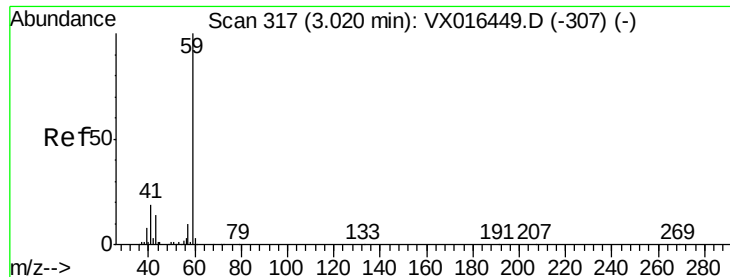
Delta R.T. 0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	142	Resp:	170061
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.3	52.9
141	14.5	11.4	17.2





#11

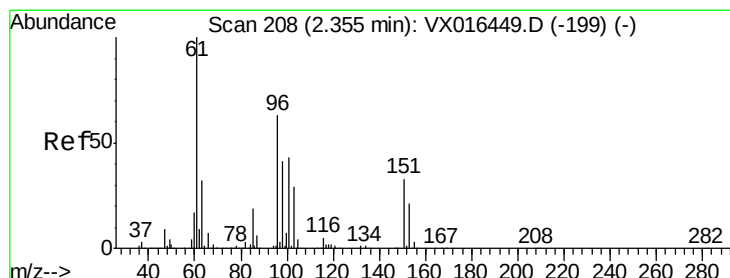
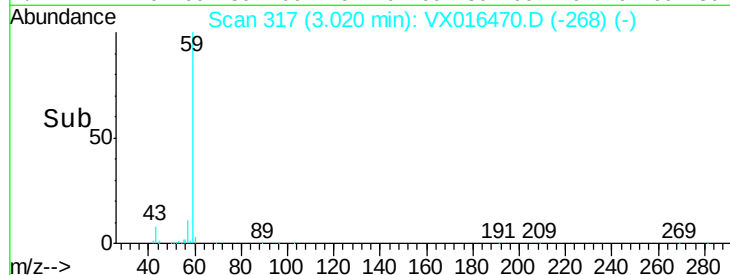
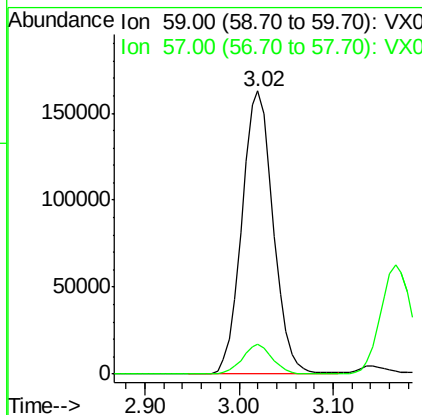
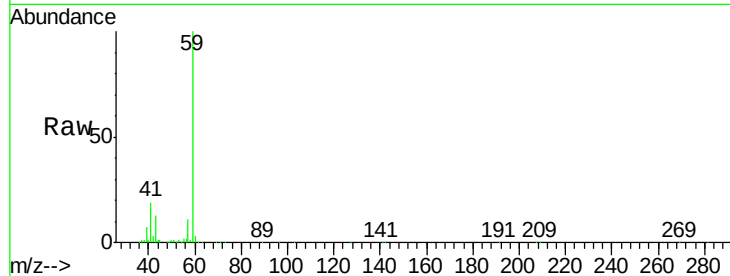
Tert butyl alcohol
 Concen: 302.236 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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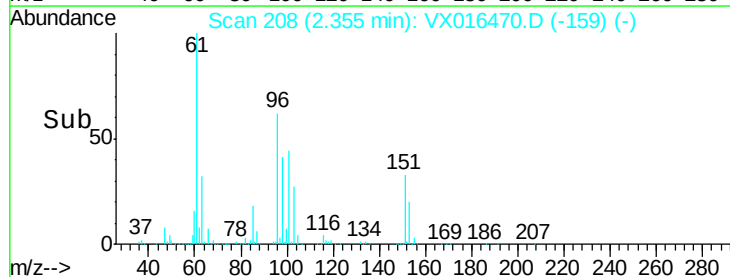
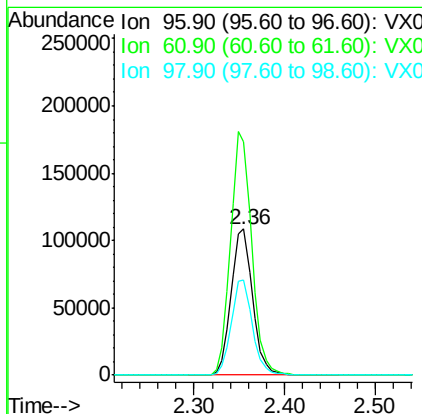
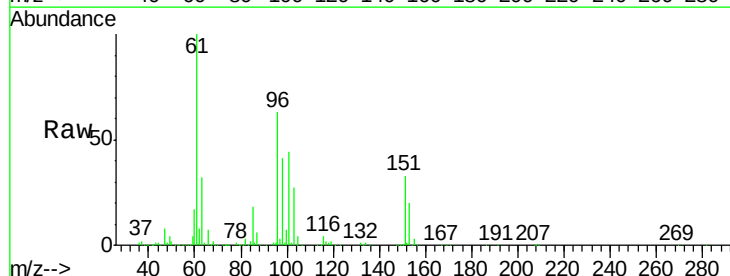
MMDadoda
 5/28/2020 2:10:38 PM

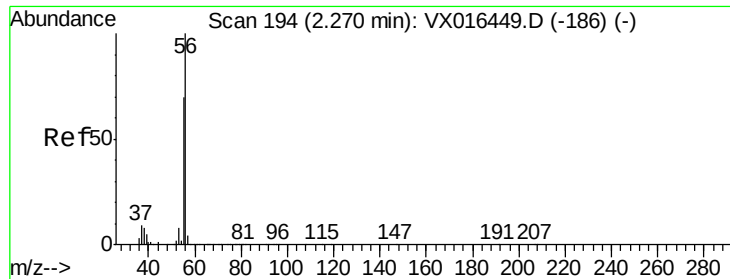


#12

1,1-Dichloroethene
 Concen: 46.923 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	126.6	189.8
98	65.4	51.3	76.9





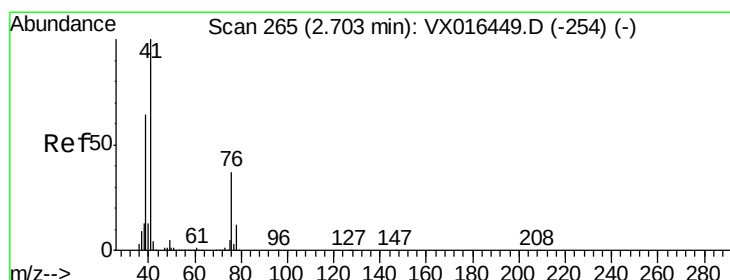
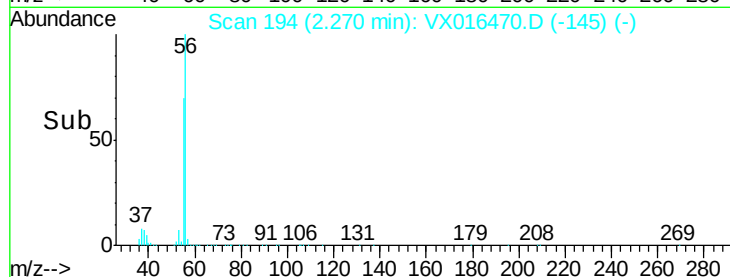
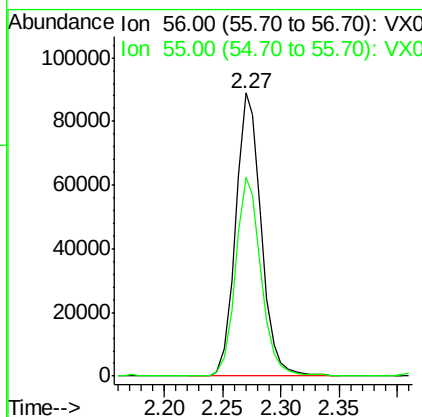
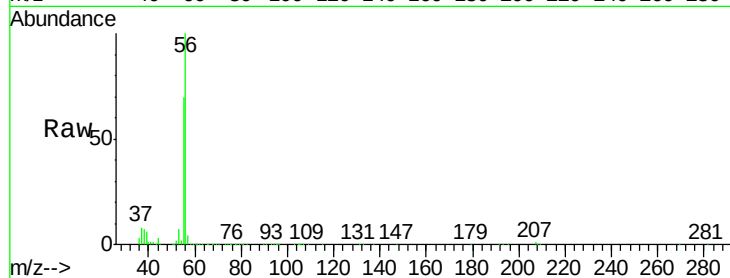
#13
Acrolein
Concen: 252.806 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	100	69.8	Resp	135005	Lower	58.3	Upper	87.5
Ion											

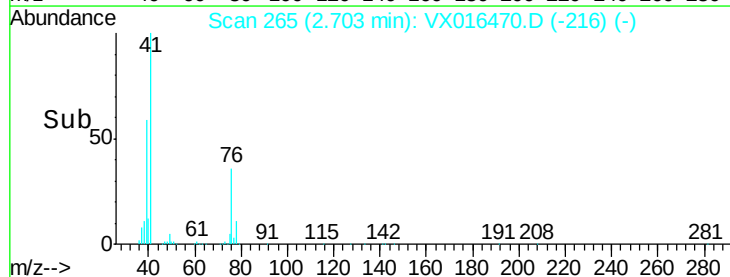
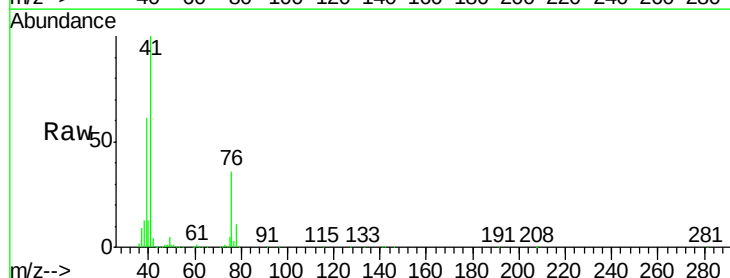
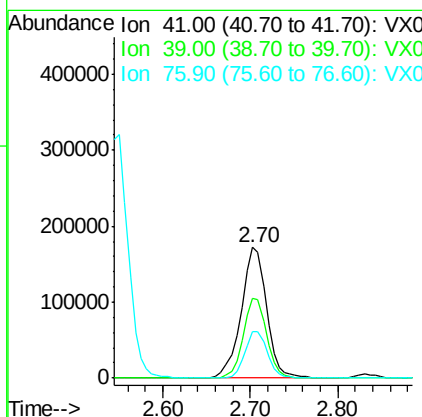
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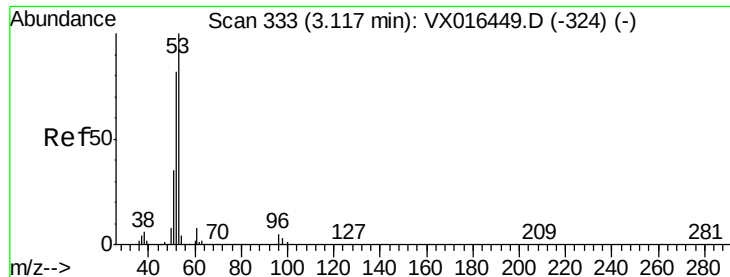
MMDadoda
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#14
Allyl chloride
Concen: 49.717 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	41	39	76	Ratio	100	56.6	31.9	Resp	346821	Lower	47.7	26.6	Upper	71.5	40.0
Ion															





#15

Acrylonitrile

Concen: 265.762 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

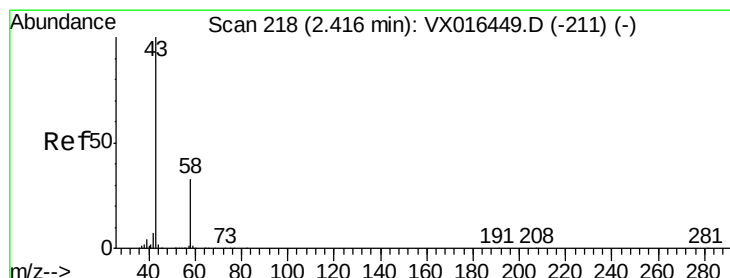
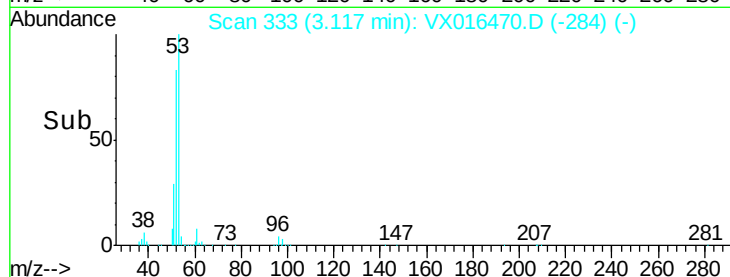
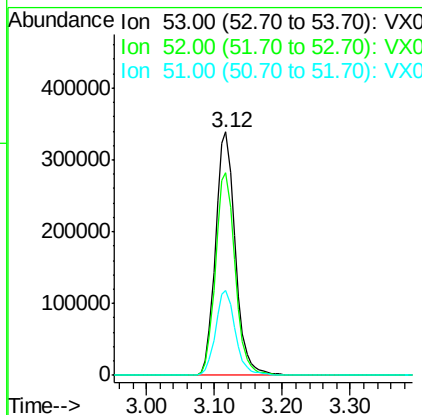
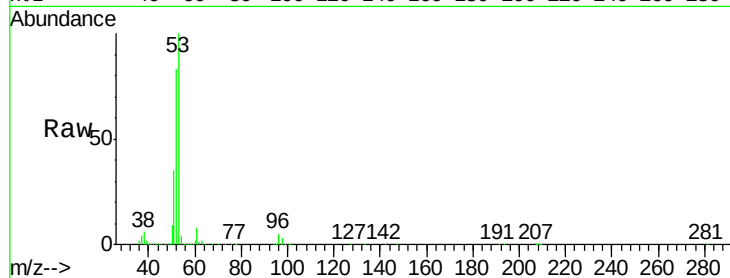
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	683430
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.7	100.1
51	35.1	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 282.615 ug/l

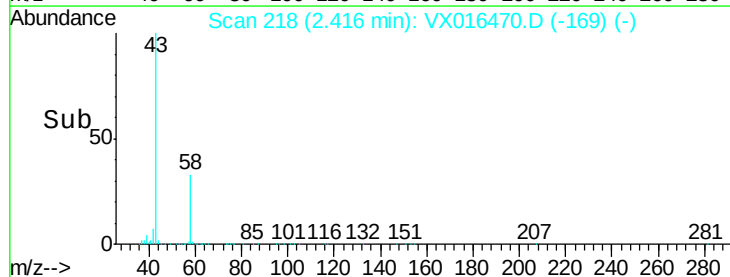
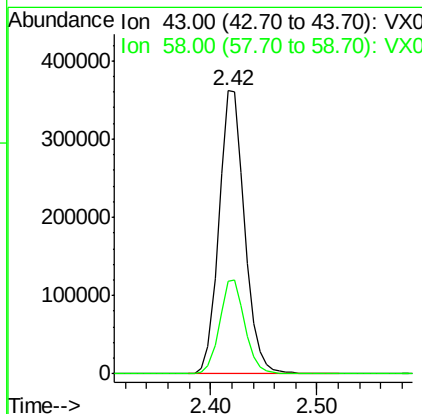
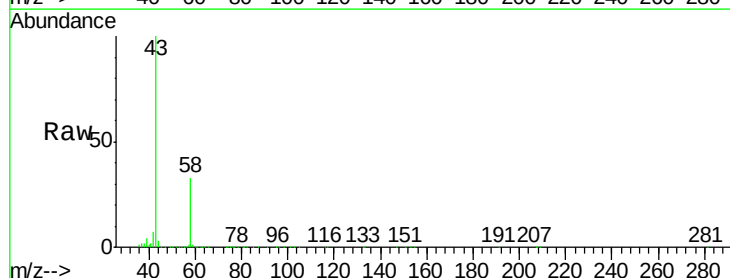
RT: 2.42 min Scan# 218

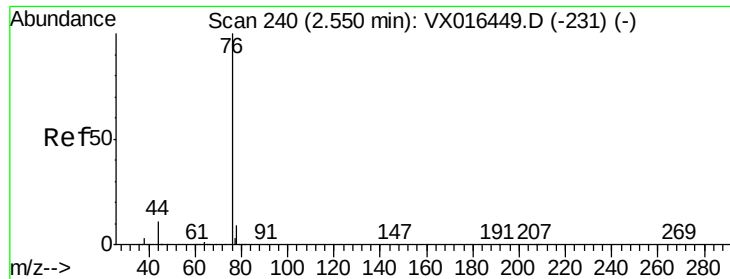
Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	43	Resp:	606175
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.1	39.1





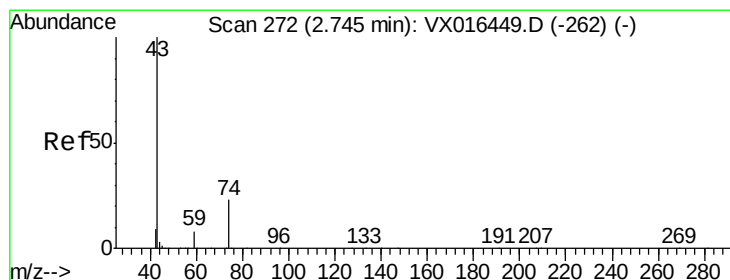
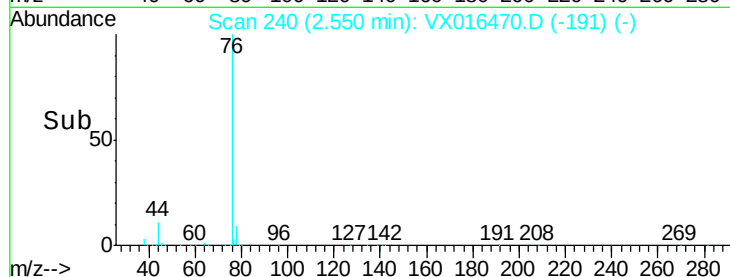
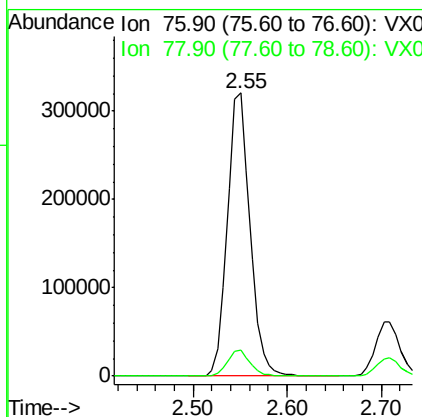
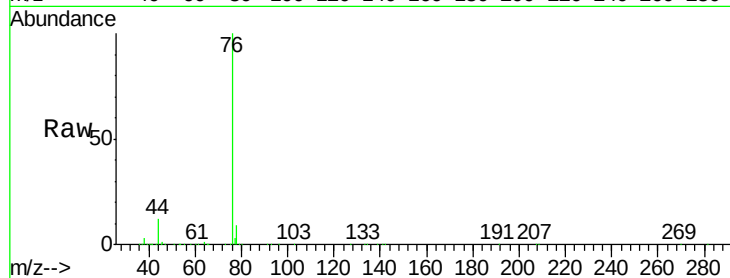
#17
Carbon Disulfide
Concen: 47.597 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

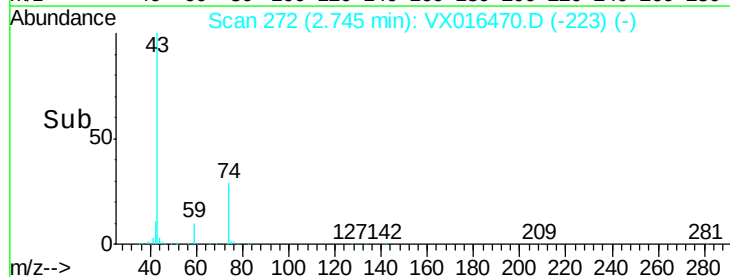
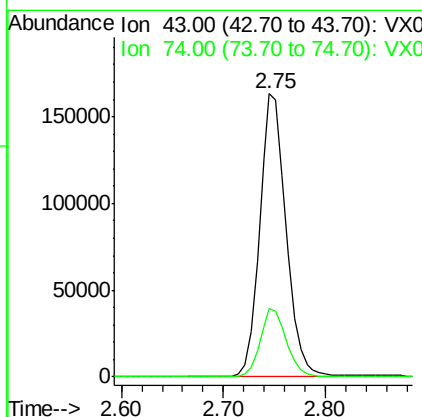
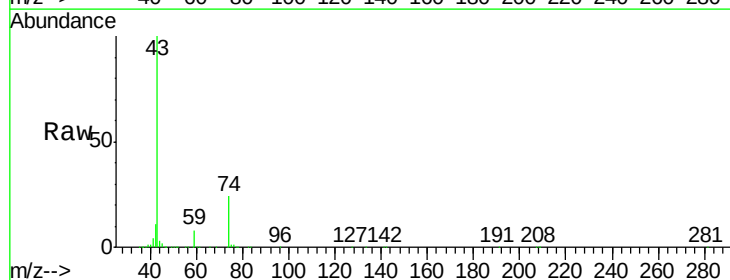
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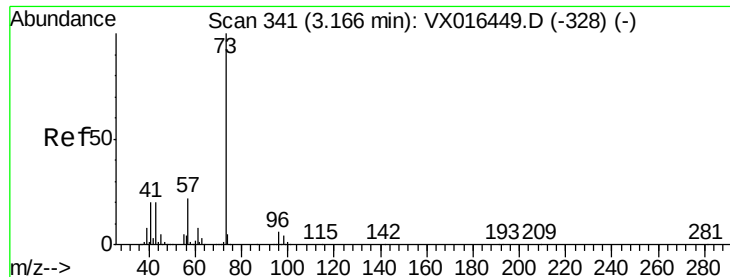
MMDadoda
5/28/2020 2:10:38 PM



#18
Methyl Acetate
Concen: 53.251 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.7	29.5





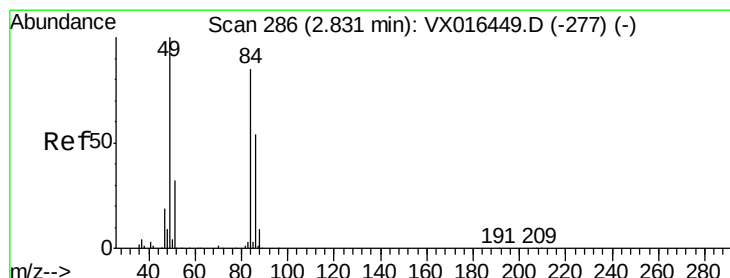
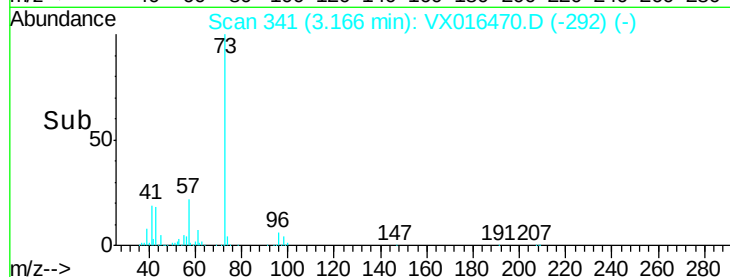
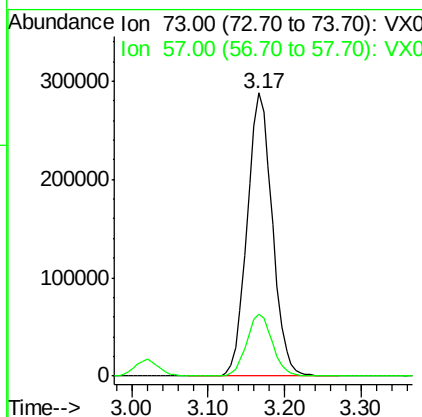
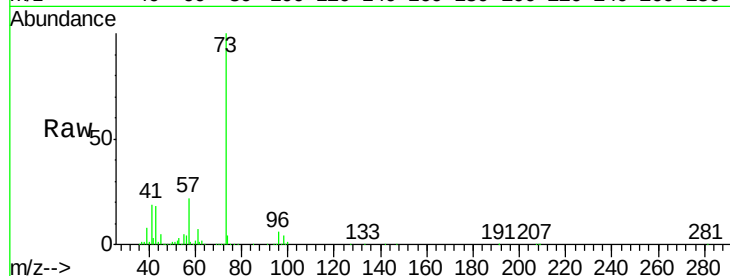
#19
Methyl tert-butyl Ether
Concen: 48.331 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

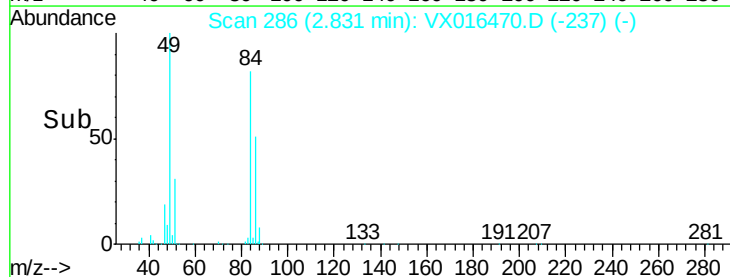
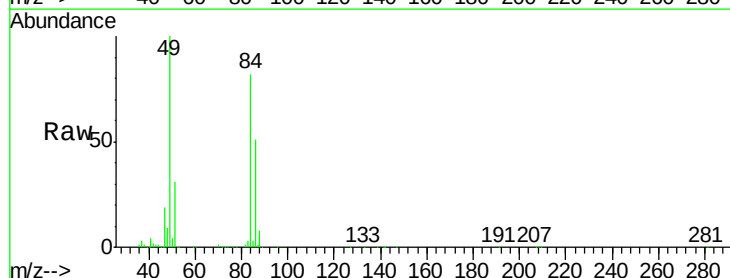
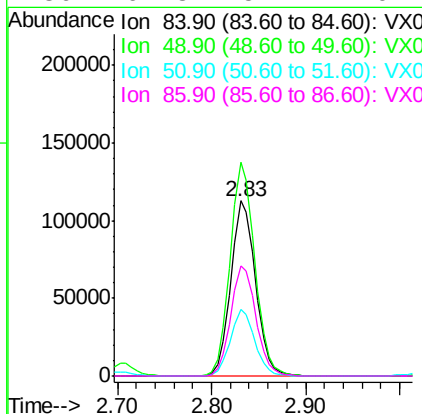
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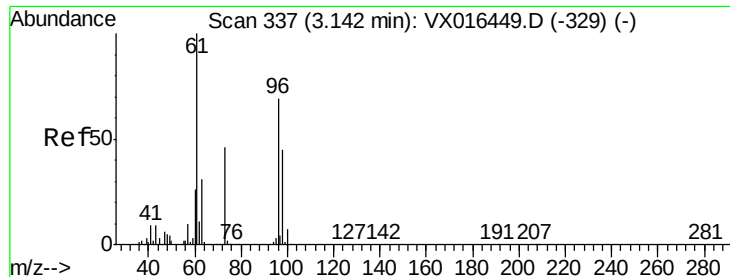
MMDadoda
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#20
Methylene Chloride
Concen: 46.447 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	94.5	141.7
51	38.2	30.2	45.4
86	62.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 46.505 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

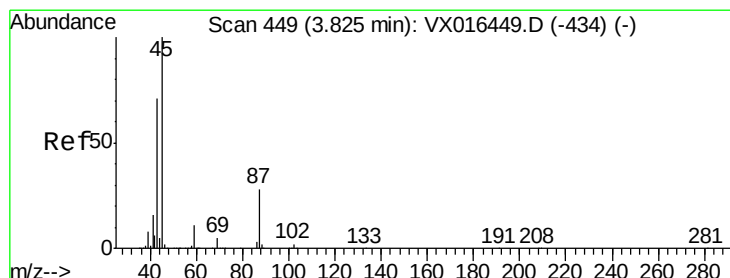
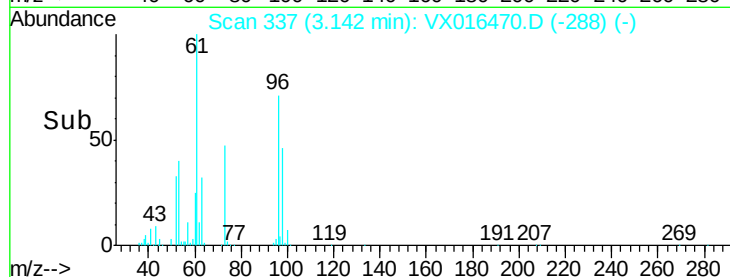
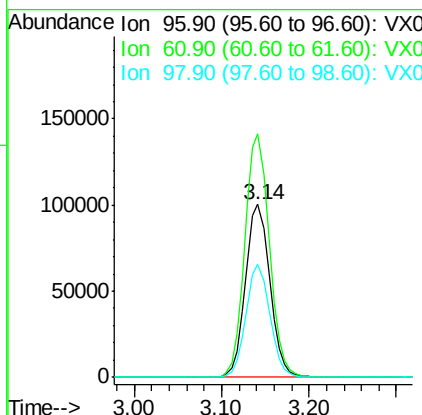
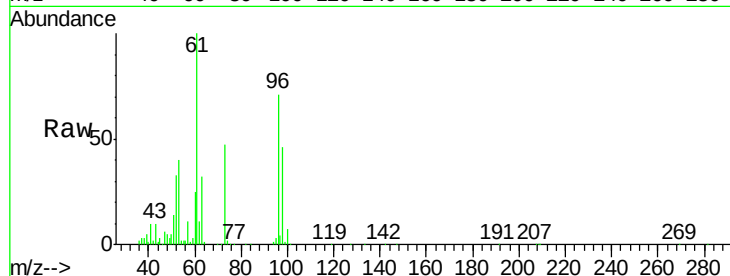
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	195120
Ion	Ratio	Lower	Upper
96	100		
61	140.7	115.3	172.9
98	65.2	51.9	77.9

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#22

Diisopropyl ether

Concen: 48.209 ug/l

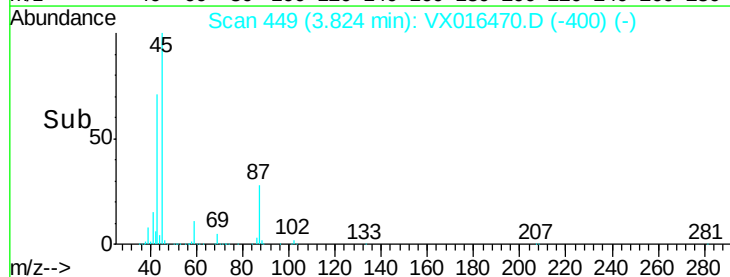
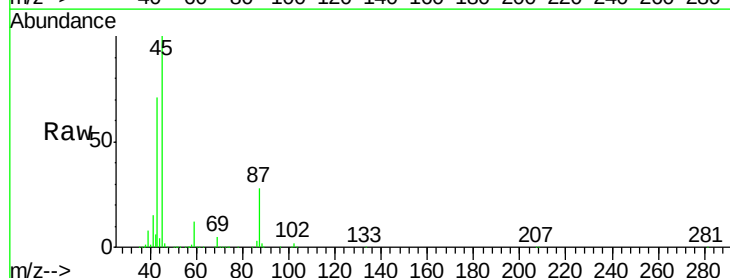
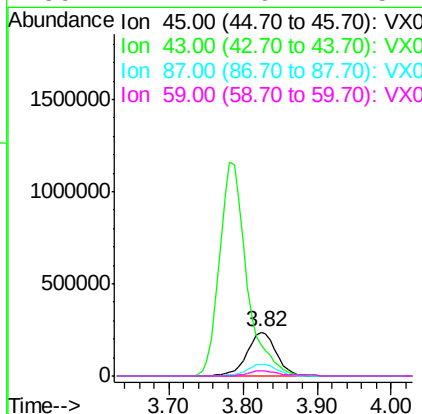
RT: 3.82 min Scan# 449

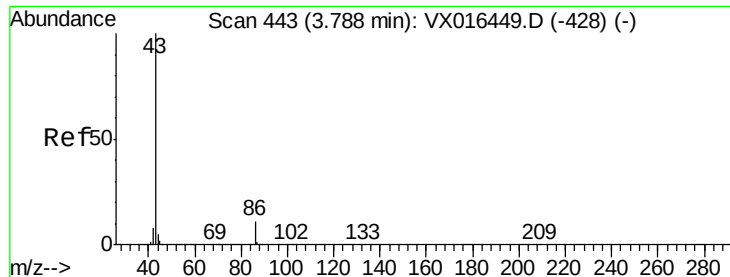
Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	45	Resp:	646049
Ion	Ratio	Lower	Upper
45	100		
43	70.7	57.0	85.6
87	27.9	22.5	33.7
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 251.009 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2944299

Ion Ratio Lower Upper

43 100

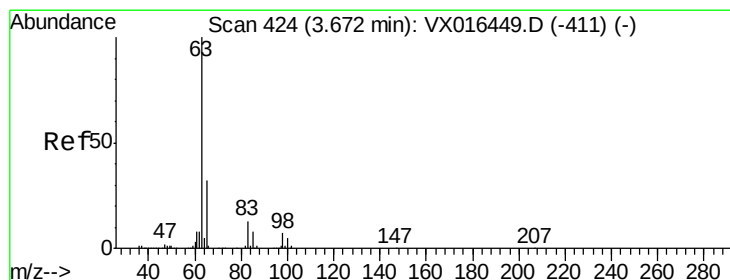
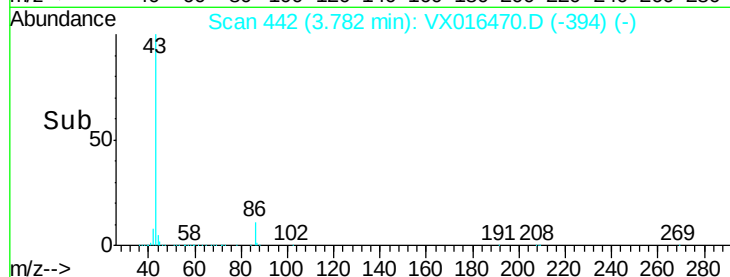
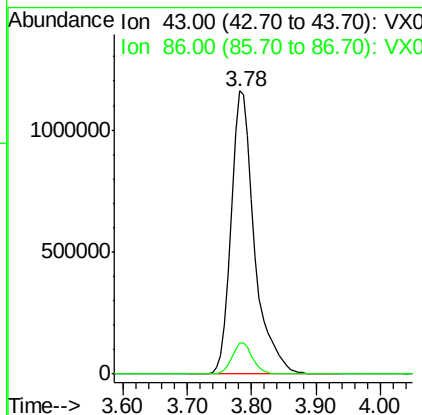
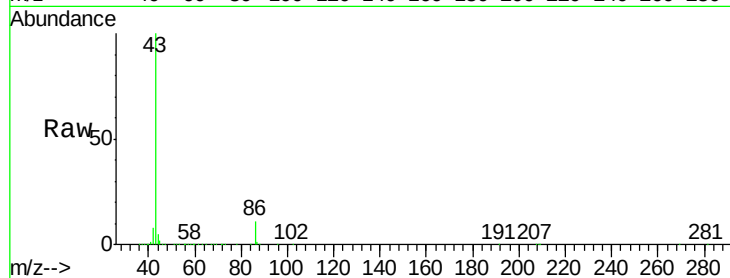
86 11.0 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 47.956 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

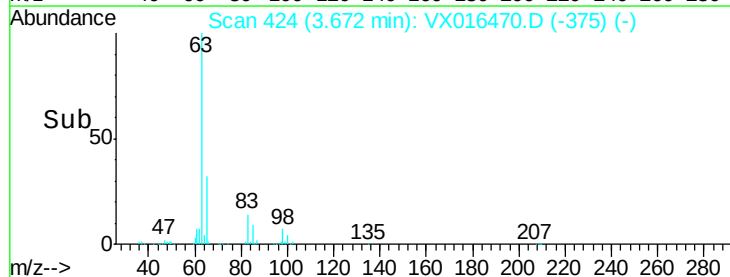
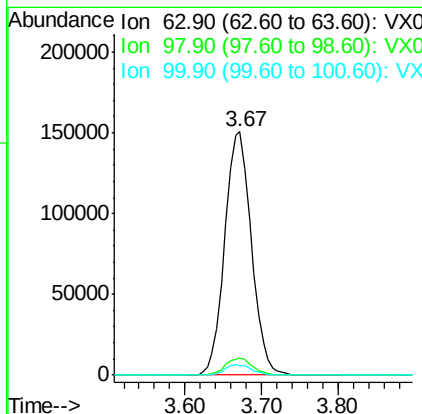
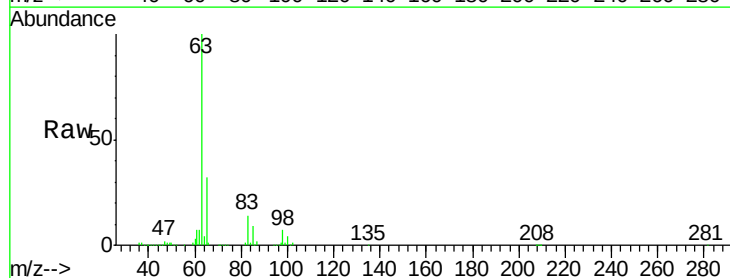
Tgt Ion: 63 Resp: 362726

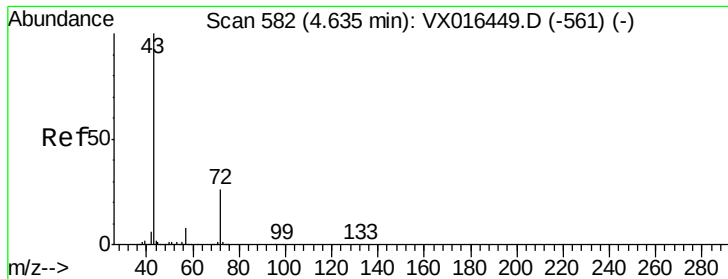
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 274.437 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 997417

Ion Ratio Lower Upper

43 100

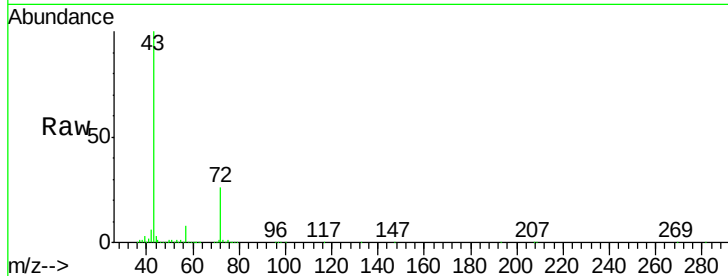
72 26.4 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

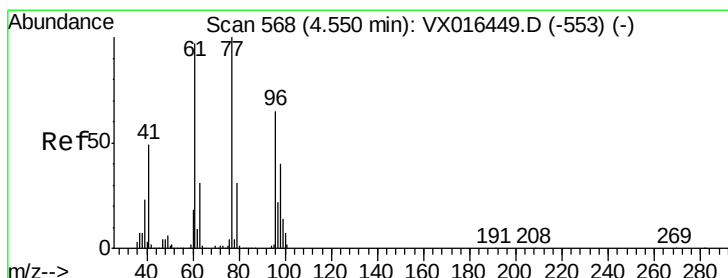
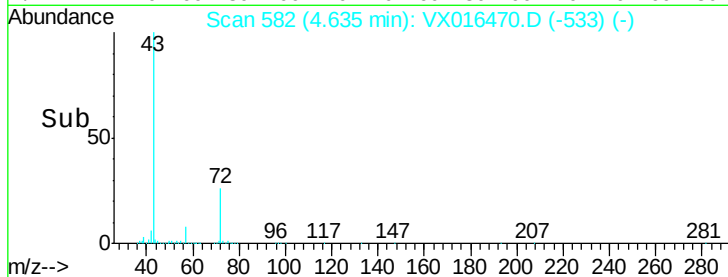
300000

200000

100000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 39.590 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016470.D

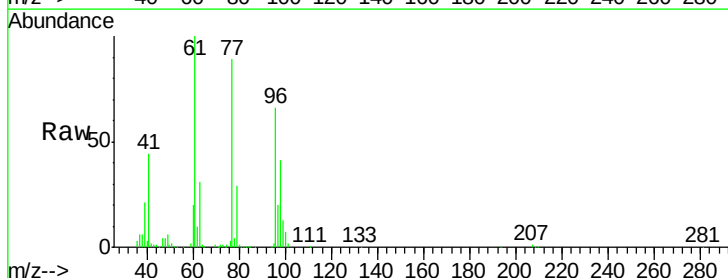
Acq: 28 May 2020 00:45

Tgt Ion: 77 Resp: 245032

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

80000

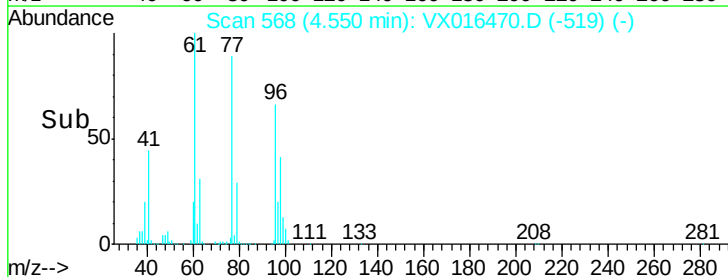
60000

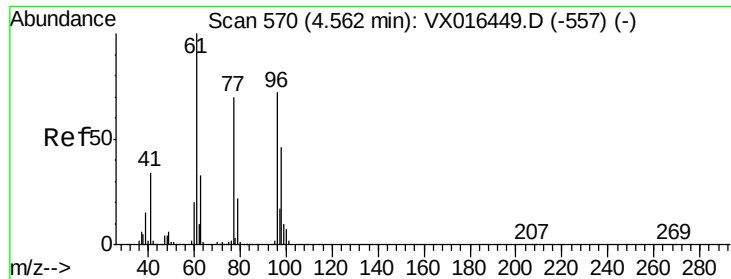
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#27

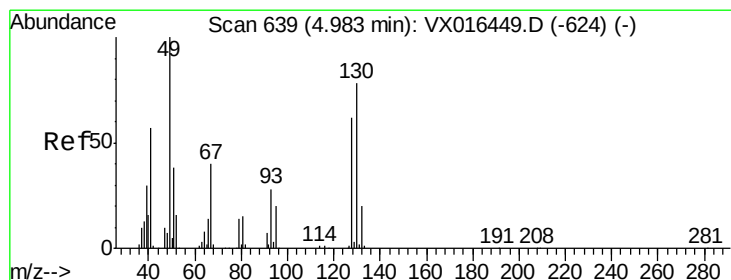
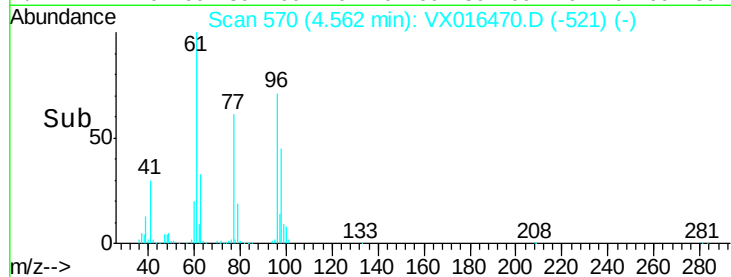
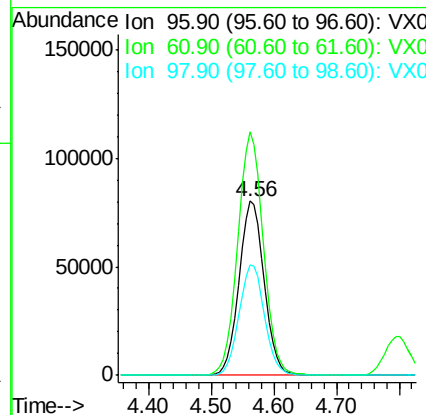
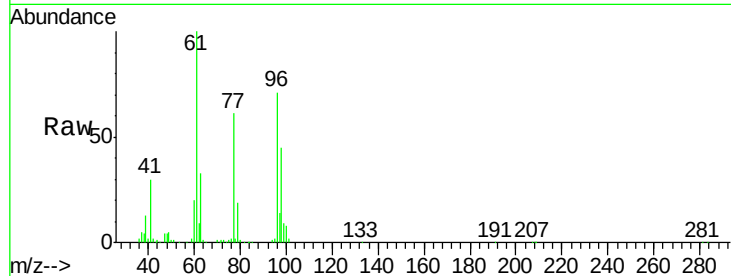
cis-1,2-Dichloroethene
Concen: 46.014 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	284.6
98	64.0	0.0	127.2

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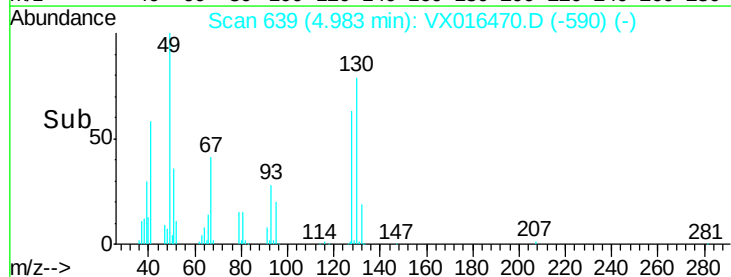
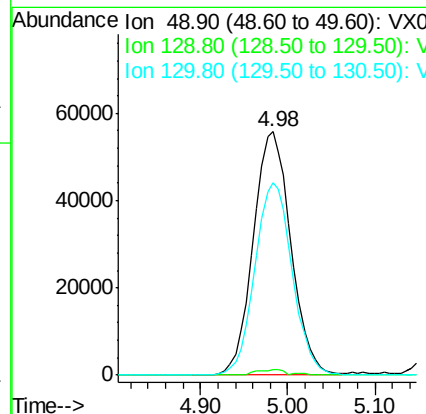
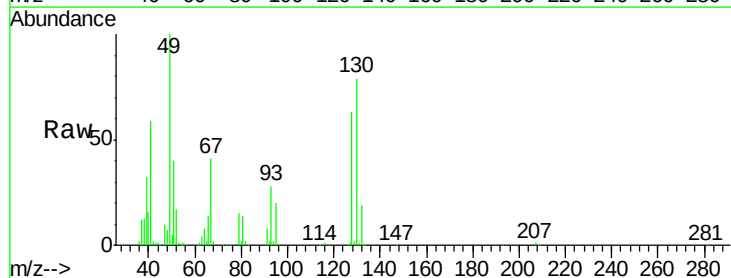
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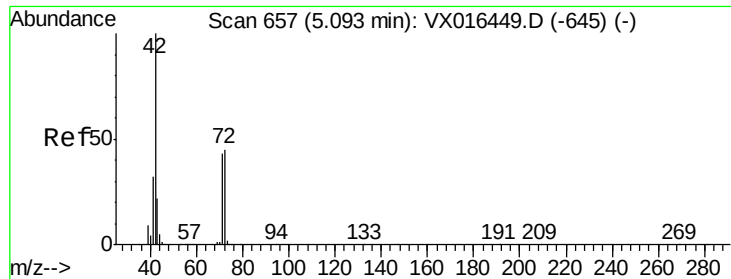


#28

Bromochloromethane
Concen: 47.596 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	78.7	63.0	94.4





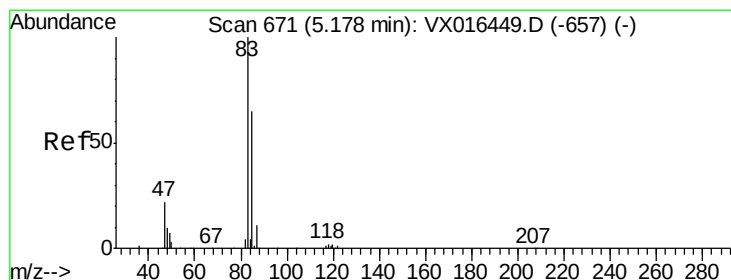
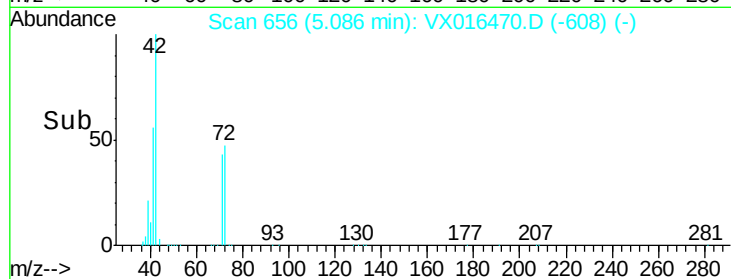
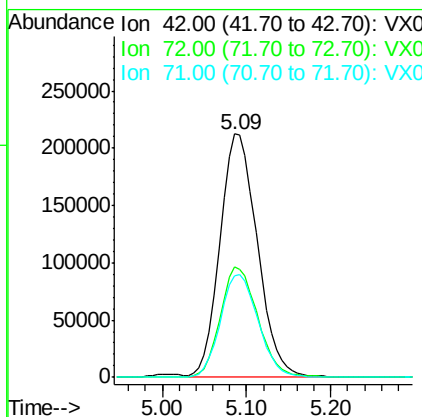
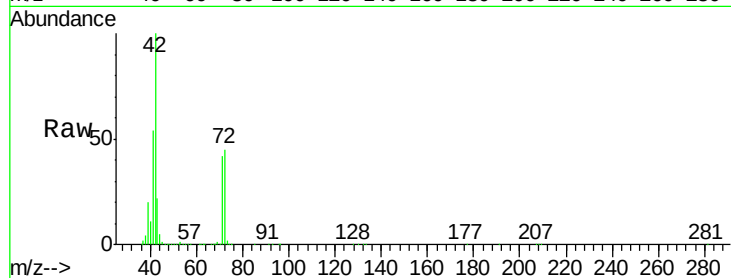
#29
Tetrahydrofuran
Concen: 273.186 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.0	55.4
71	42.8	34.1	51.1

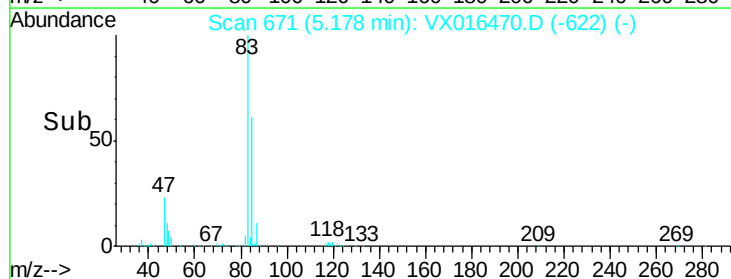
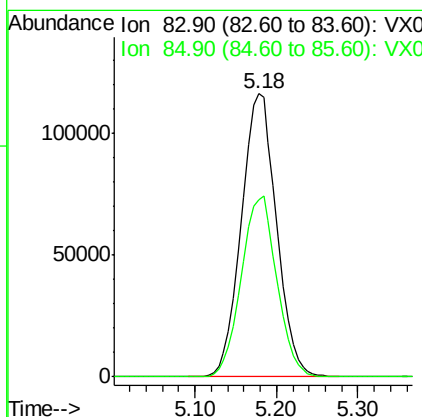
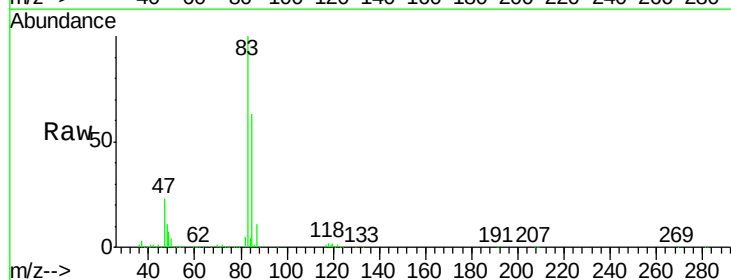
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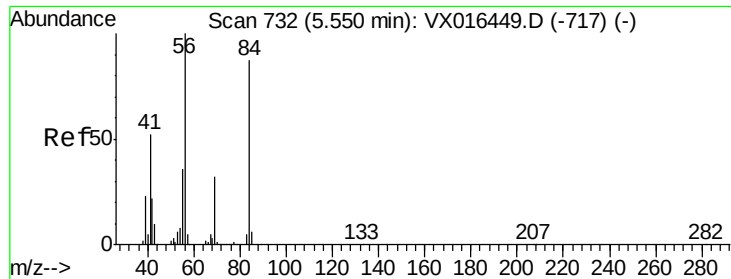
MMDadoda
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#30
Chloroform
Concen: 45.877 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.0	78.0





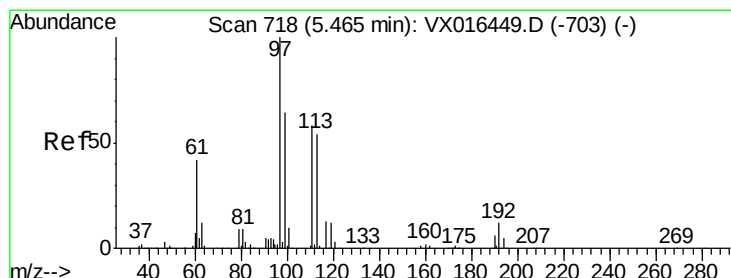
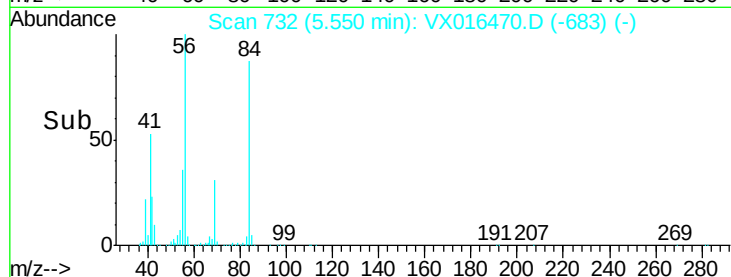
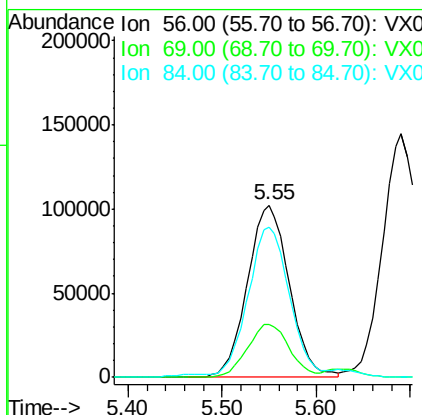
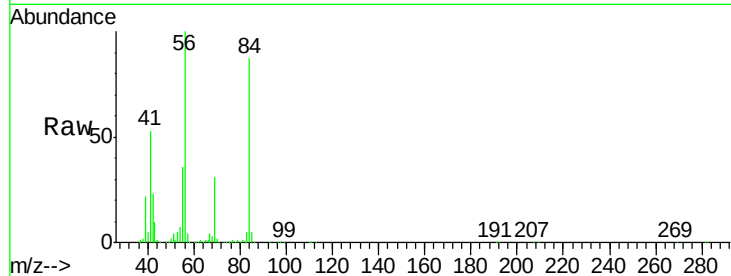
#31
Cyclohexane
Concen: 46.755 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.7	38.5
84	85.7	70.0	105.0

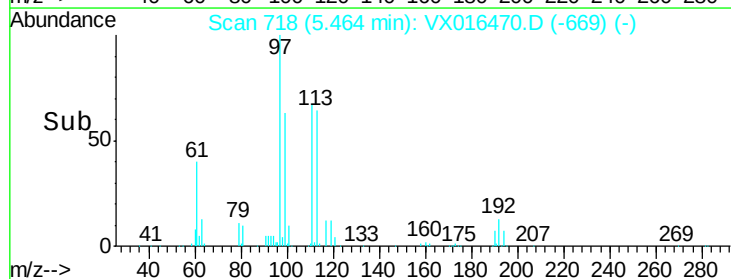
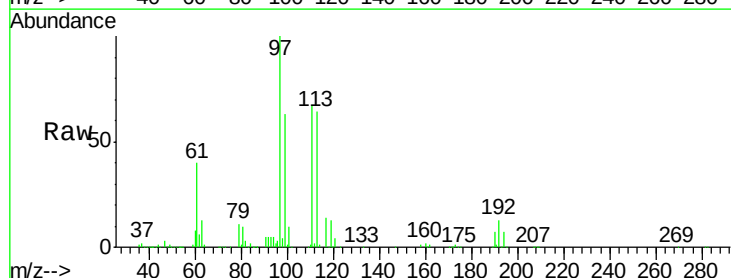
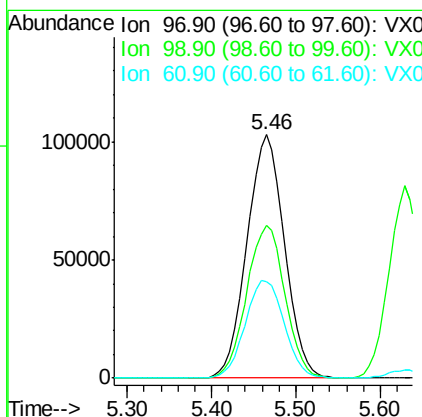
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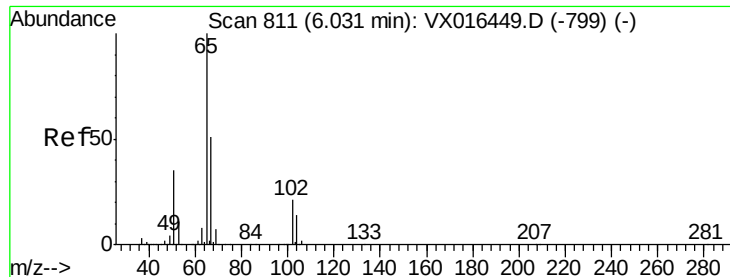
MMDadoda
5/28/2020 2:10:38 PM



#32
1,1,1-Trichloroethane
Concen: 45.405 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	41.8	33.5	50.3





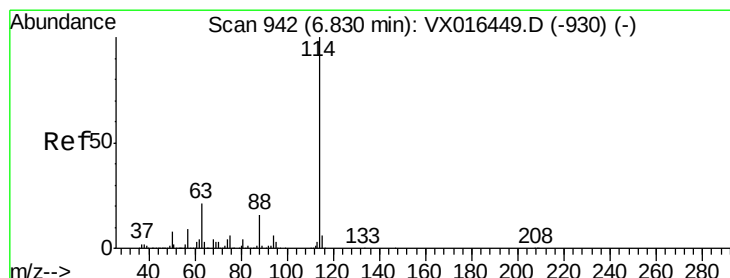
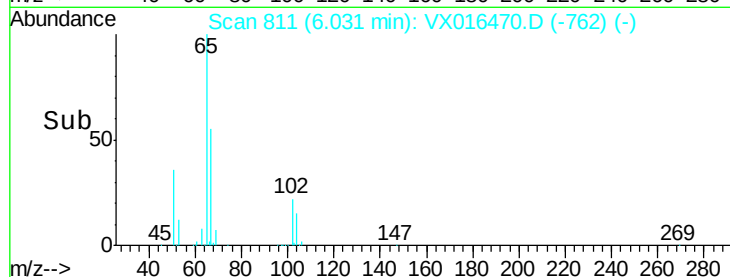
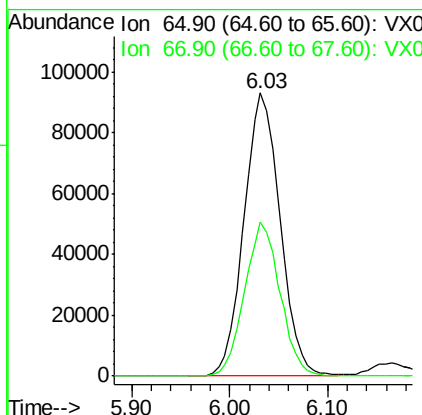
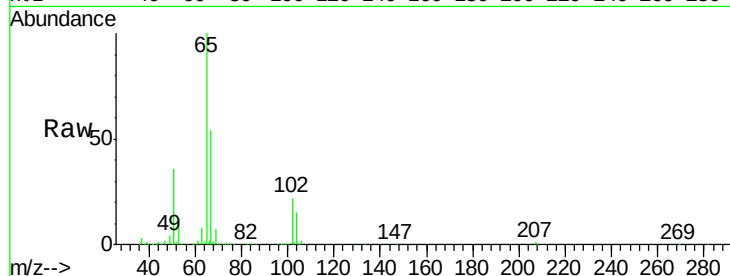
#33
 1,2-Dichloroethane-d4
 Concen: 49.019 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.8

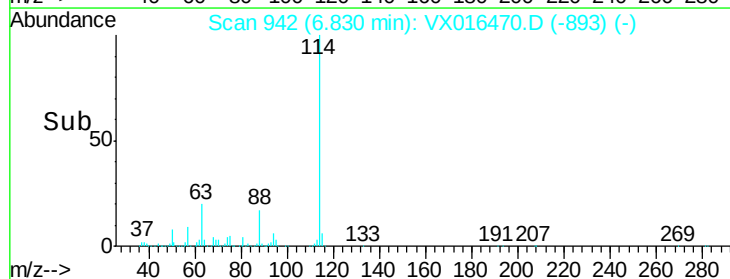
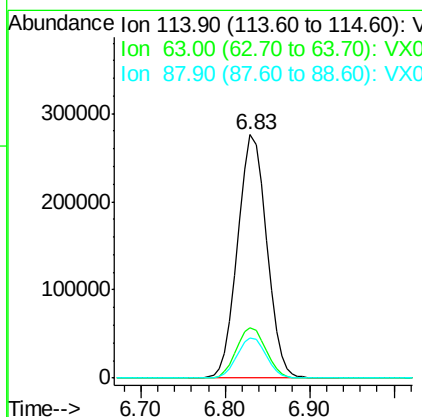
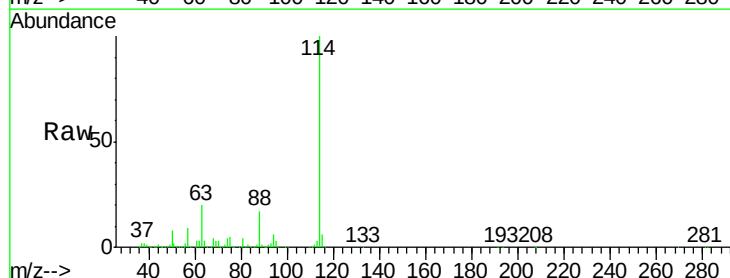
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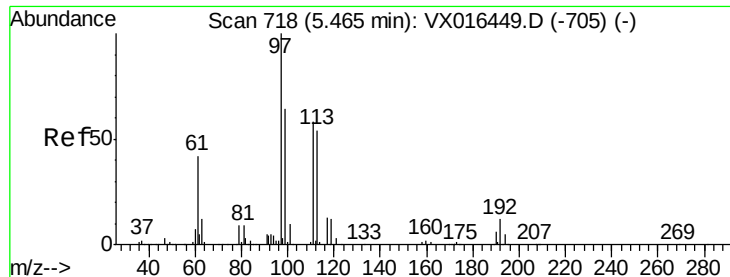
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.7	0.0	32.8





#35

Dibromofluoromethane

Concen: 47.992 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

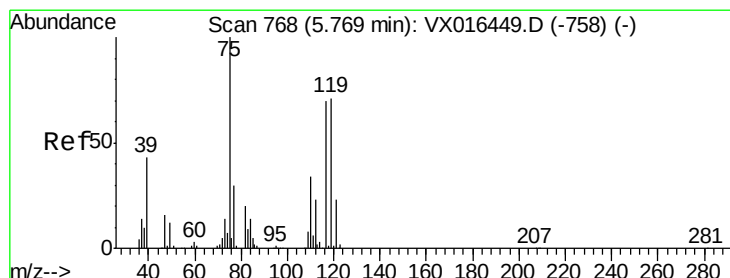
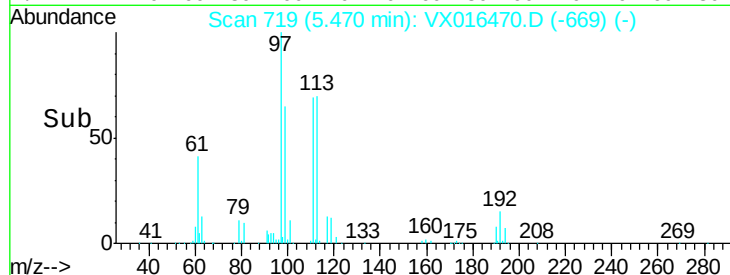
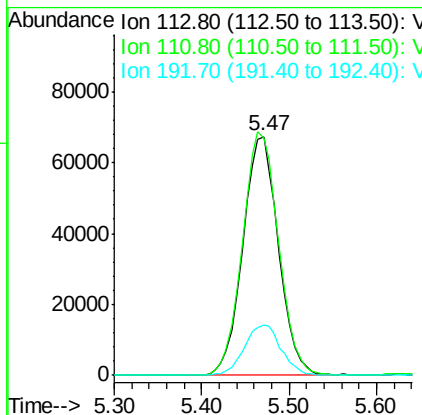
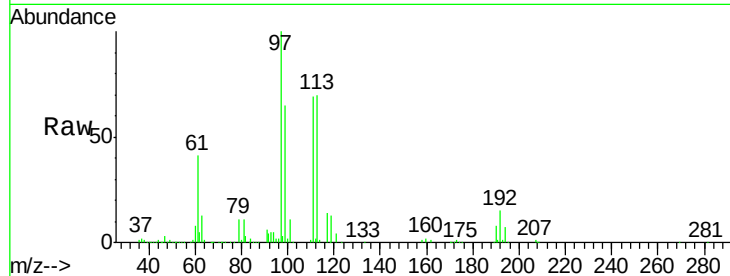
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	190553
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.0	124.6
192	21.8	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 43.854 ug/l

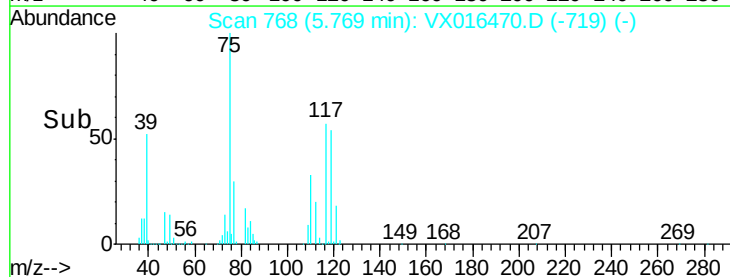
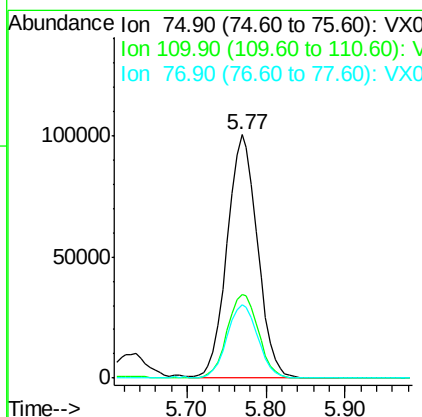
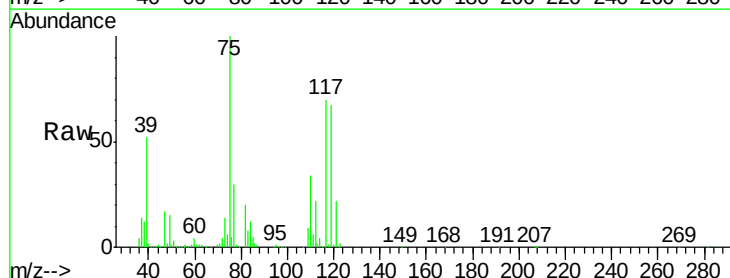
RT: 5.77 min Scan# 768

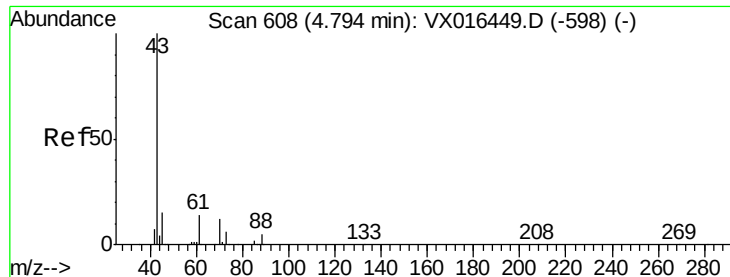
Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	75	Resp:	267746
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.4	52.3
77	30.7	24.2	36.4





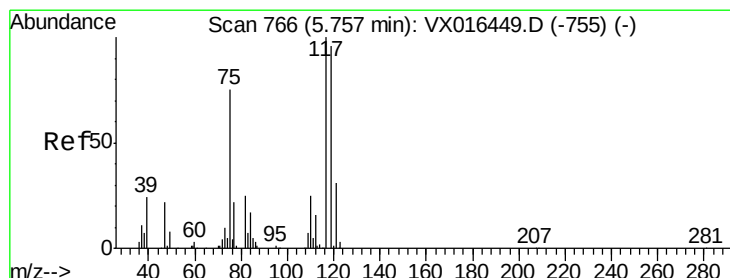
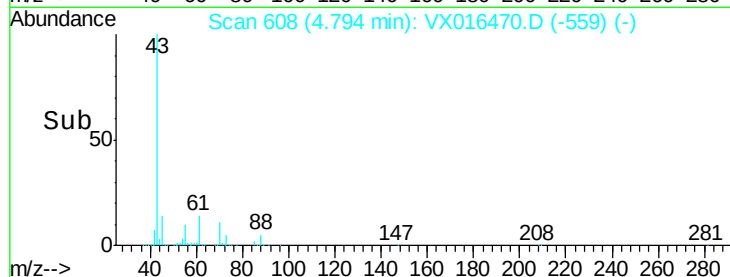
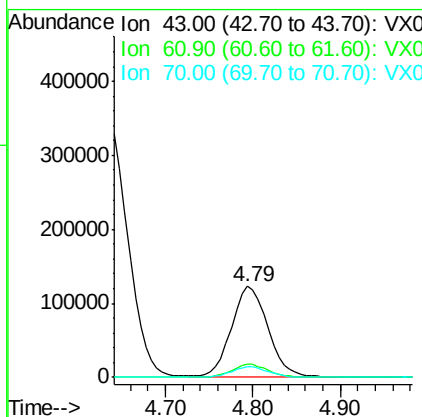
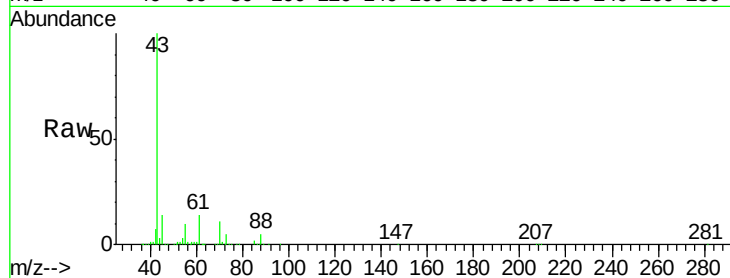
#37
Ethyl Acetate
Concen: 48.245 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	353634
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	11.7	9.3	13.9

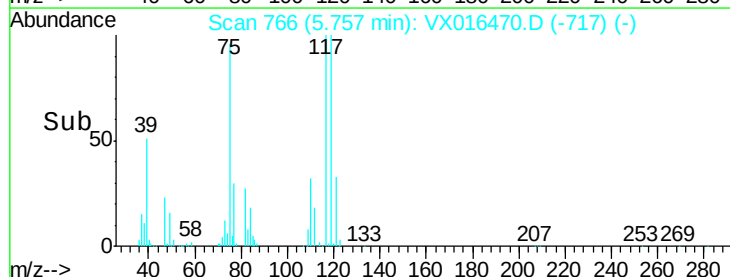
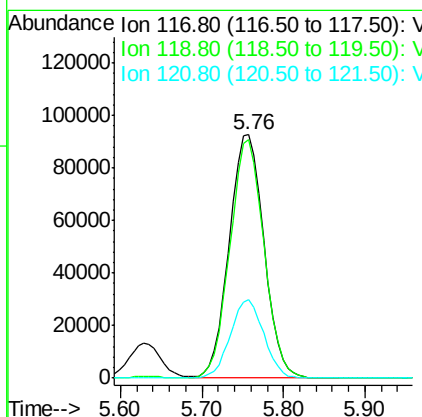
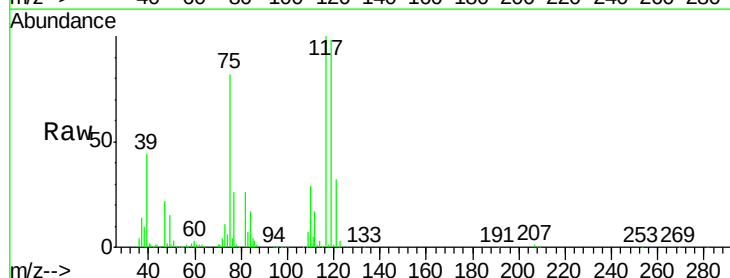
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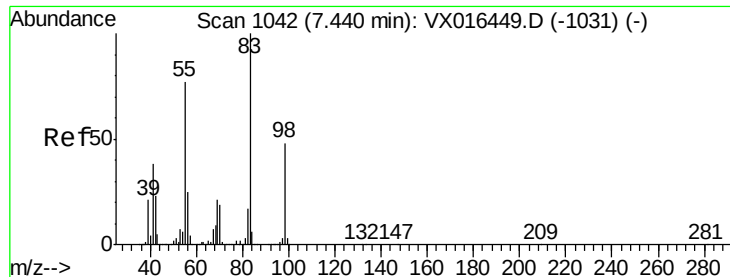
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#38
Carbon Tetrachloride
Concen: 42.482 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion:	117	Resp:	272569
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.3	114.5
121	32.2	24.6	37.0





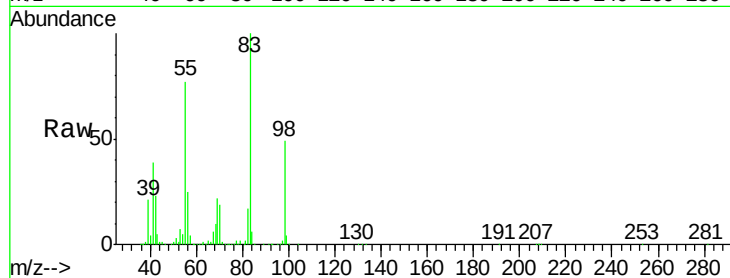
#39
Methylvlcyclohexane
Concen: 45.379 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

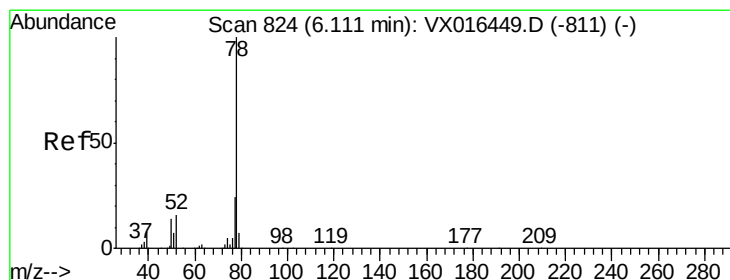
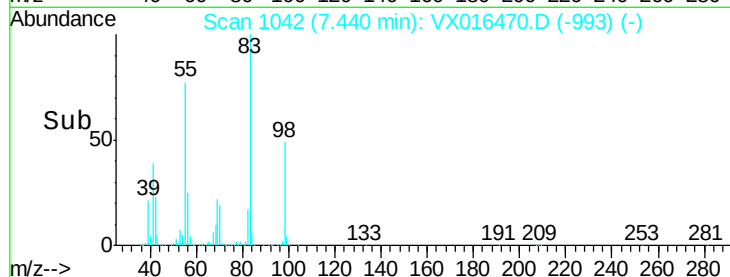
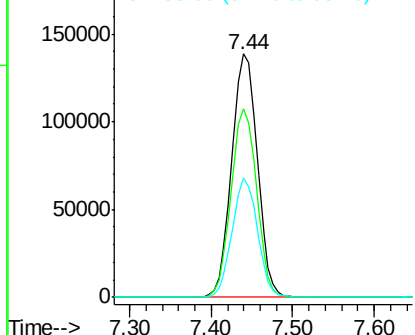
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.7	92.5
98	49.3	38.7	58.1

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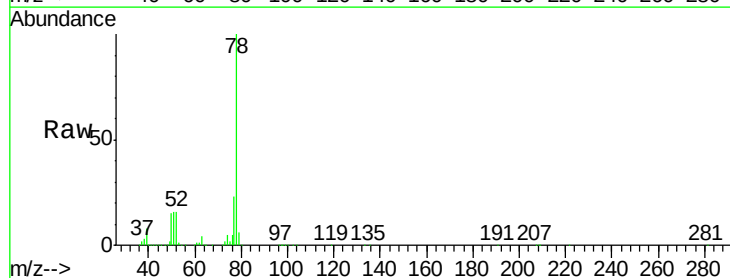


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

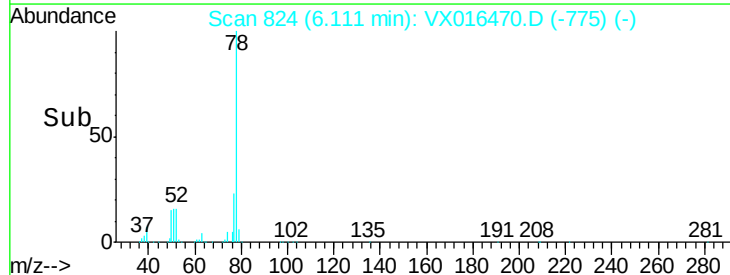
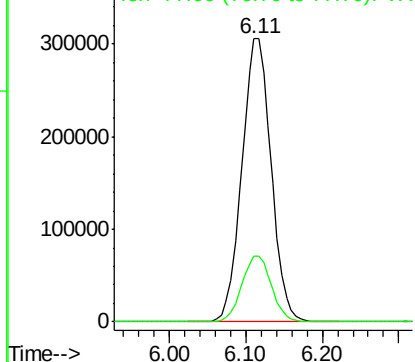


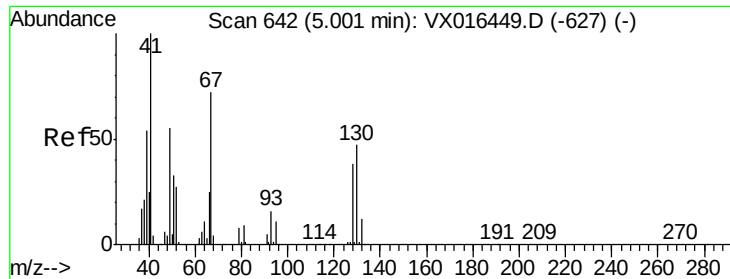
#40
Benzene
Concen: 44.648 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





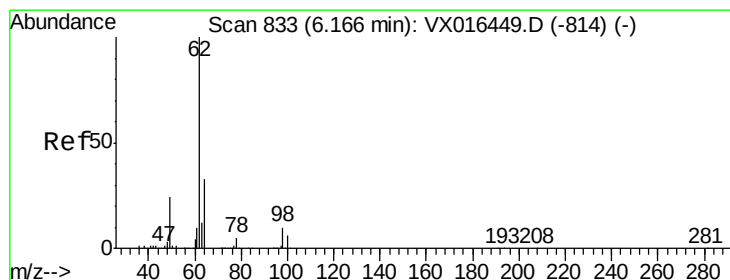
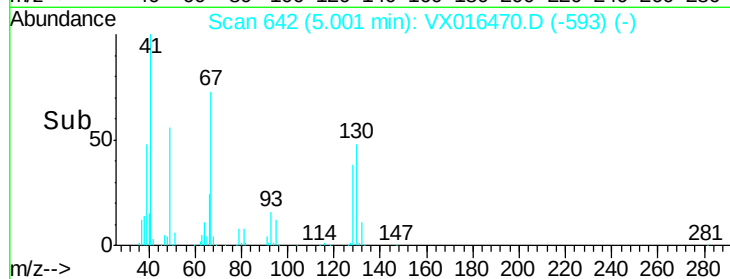
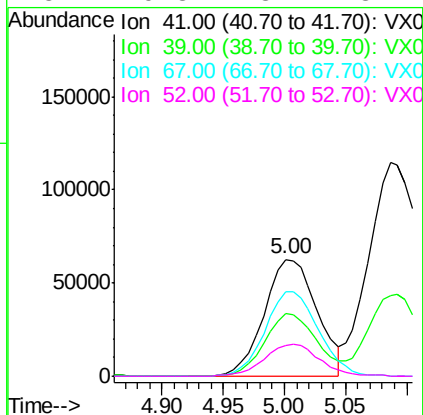
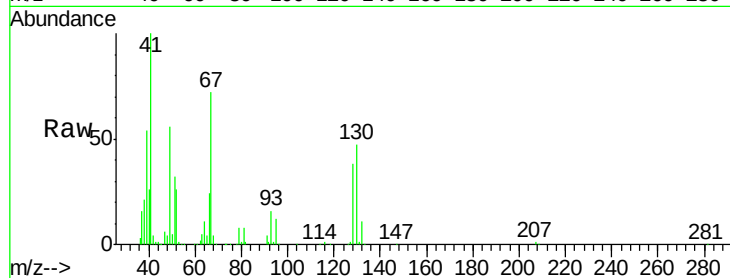
#41
Methacrylonitrile
Concen: 46.776 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		188334		
39	54.2	43.0	64.4		
67	74.2	58.9	88.3		
52	29.3	23.1	34.7		

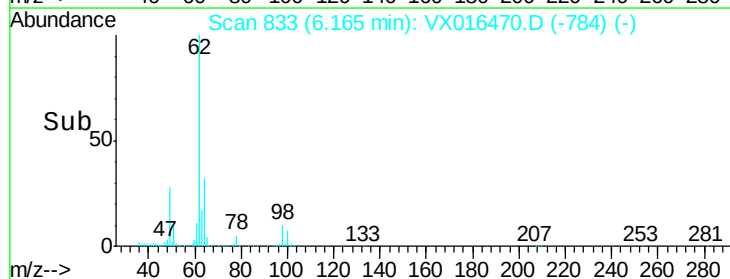
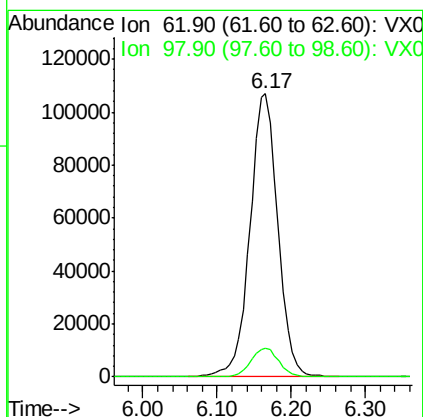
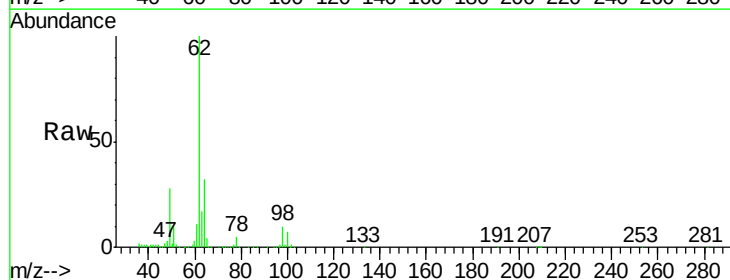
Manual Integrations
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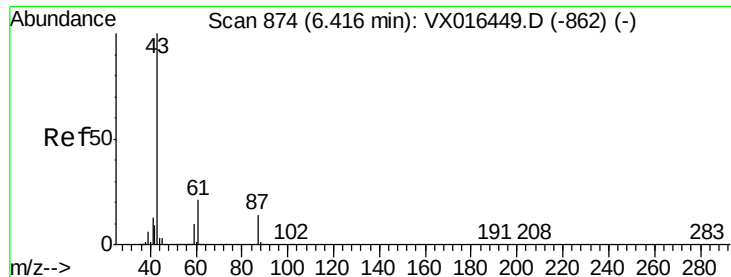
MMDadoda
5/28/2020 2:10:38 PM



#42
1,2-Dichloroethane
Concen: 43.417 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		280726		
98	10.2	0.0	19.8		





#43

Isopropyl Acetate

Concen: 47.580 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

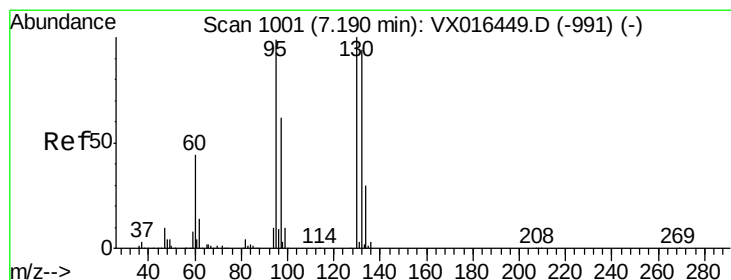
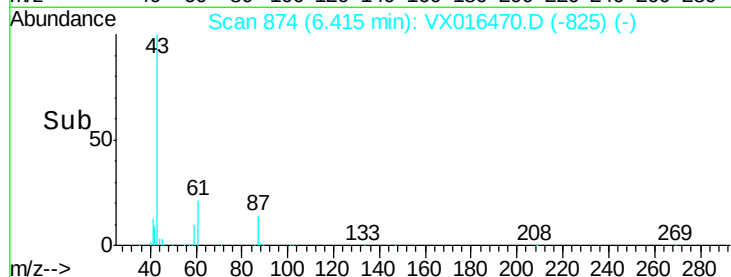
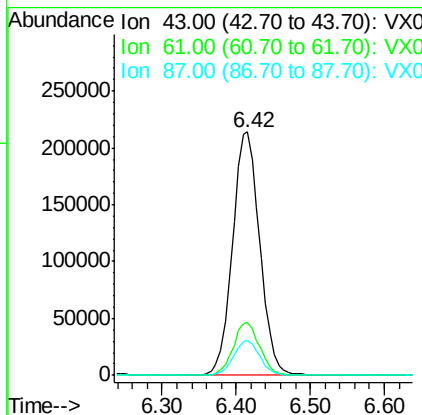
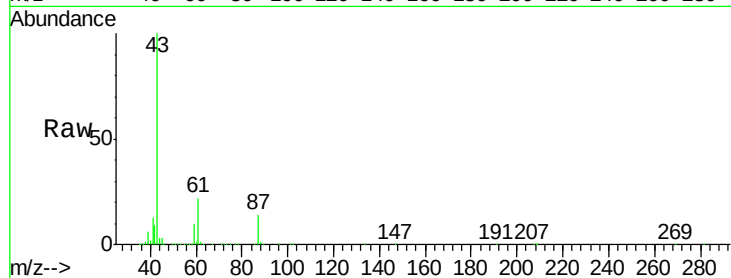
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	544001
Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	13.8	11.2	16.8

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#44

Trichloroethene

Concen: 41.151 ug/l

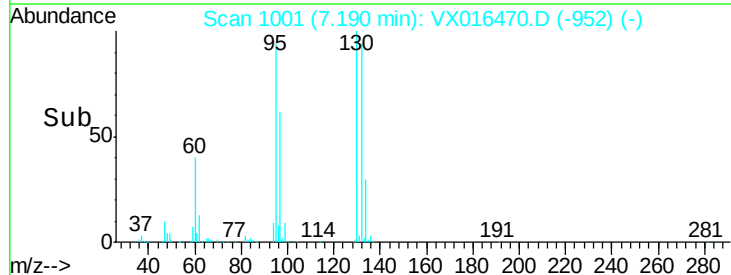
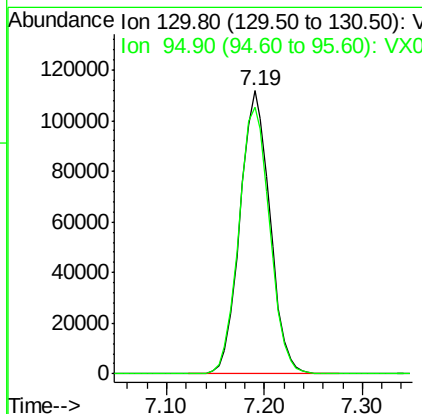
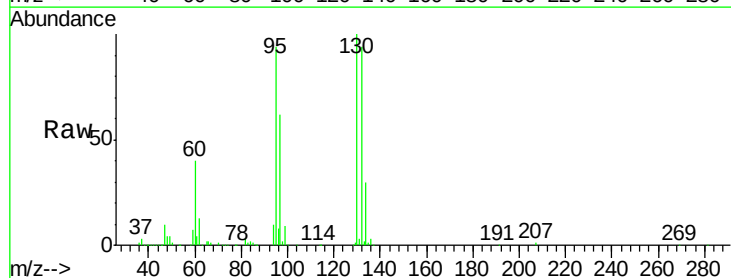
RT: 7.19 min Scan# 1001

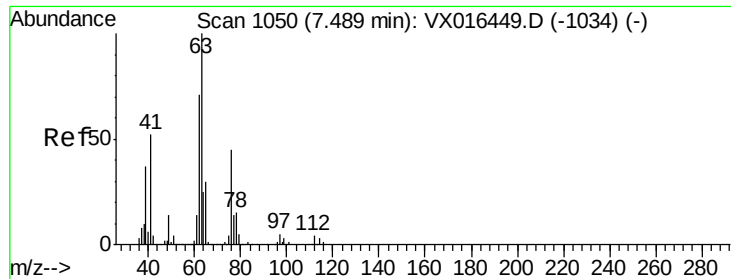
Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	130	Resp:	237385
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	198.2





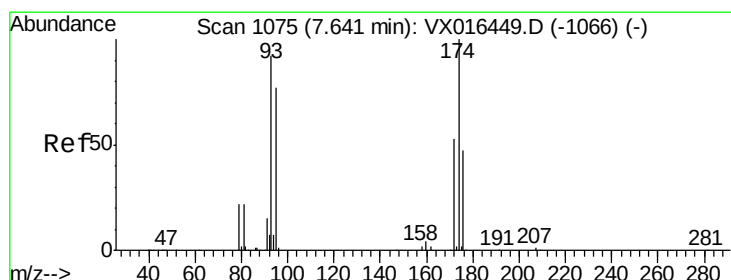
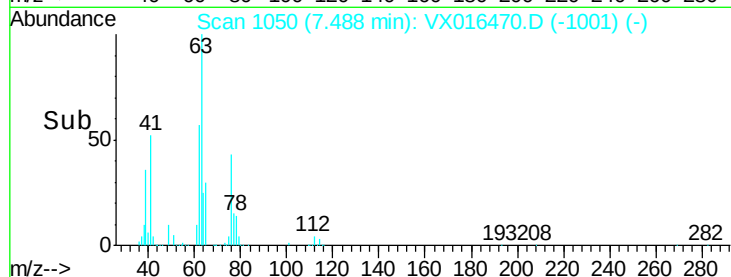
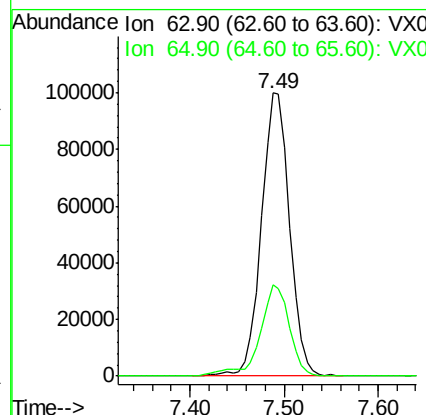
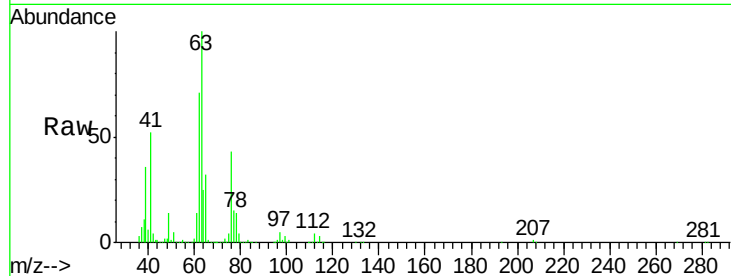
#45
 1,2-Dichloropropane
 Concen: 45.430 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.2	36.2

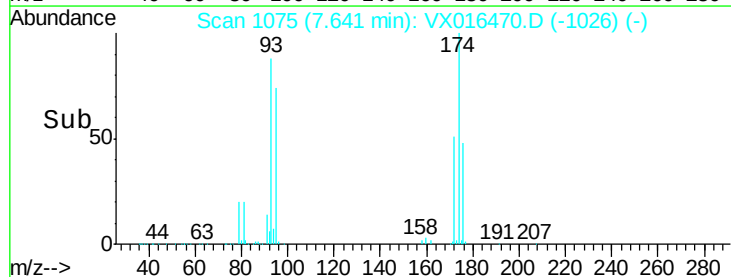
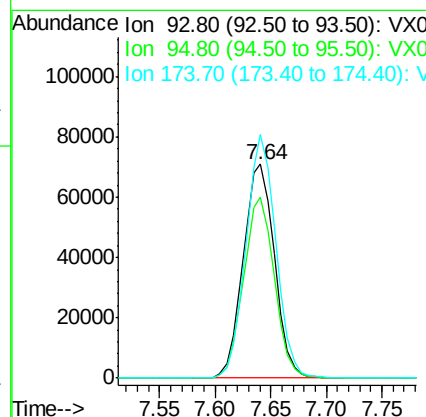
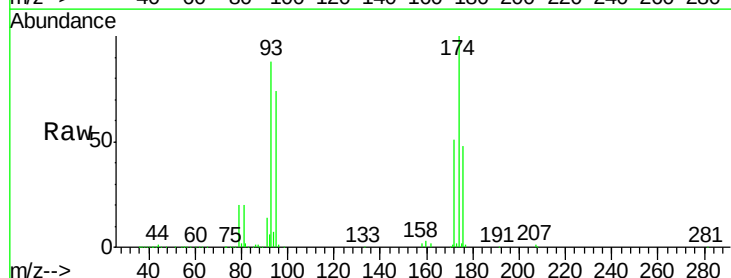
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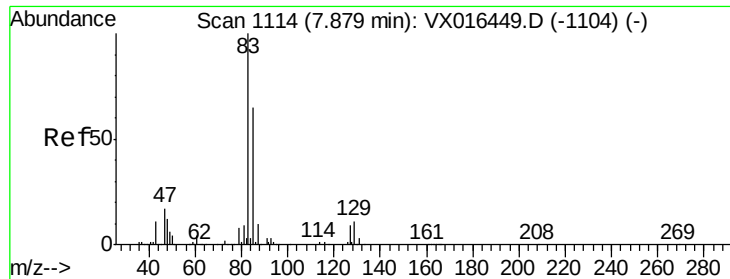
MMDadoda
 5/28/2020 2:10:38 PM



#46
 Dibromomethane
 Concen: 44.591 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	100.0
174	109.2	86.2	129.4





#47

Bromodichloromethane

Concen: 44.205 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

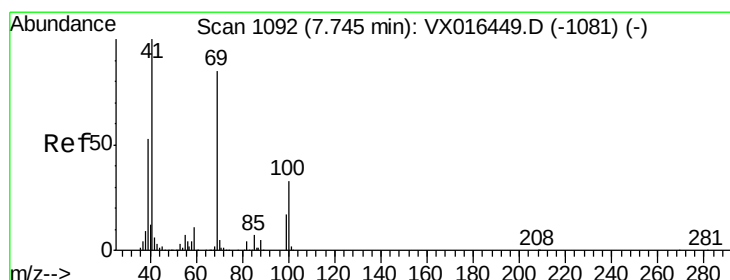
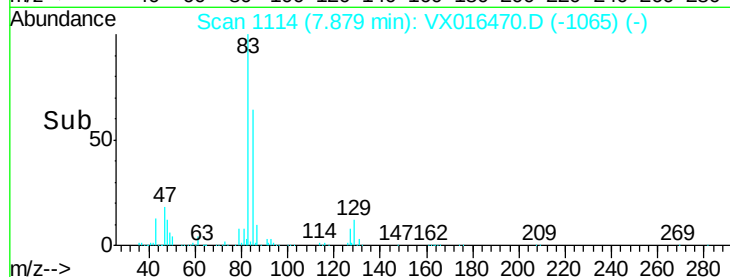
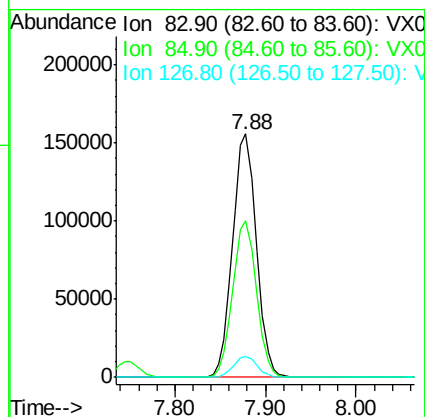
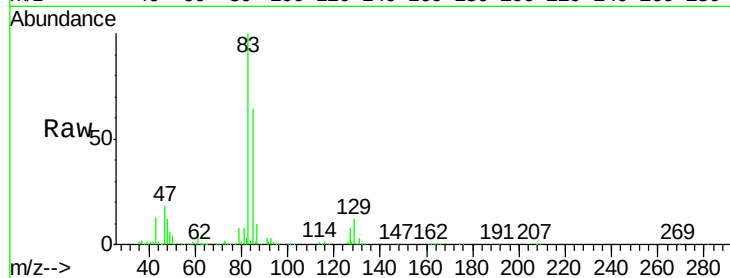
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	284558
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.0	78.0
127	8.5	7.4	11.0

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#48

Methyl methacrylate

Concen: 48.013 ug/l

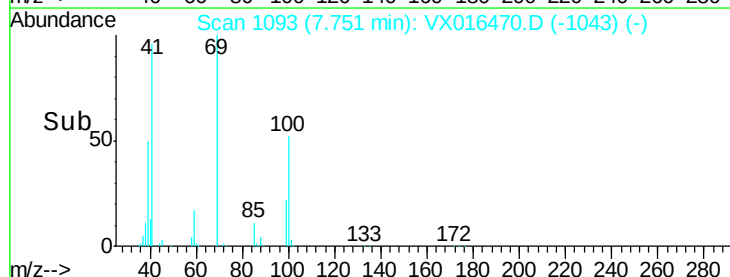
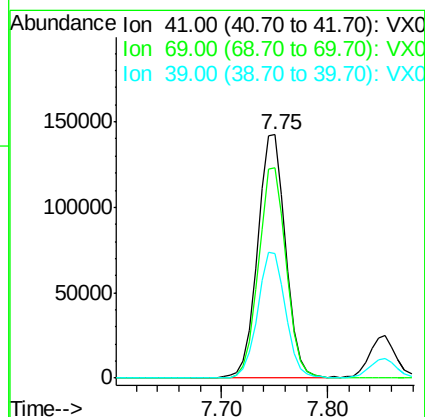
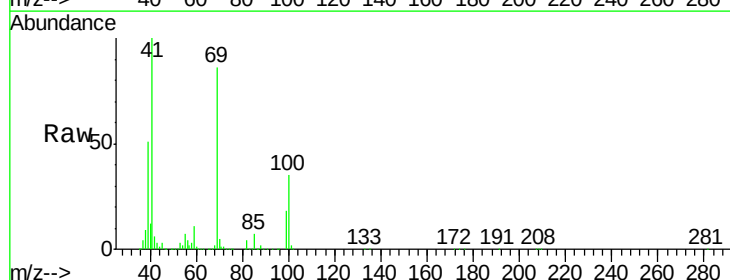
RT: 7.75 min Scan# 1093

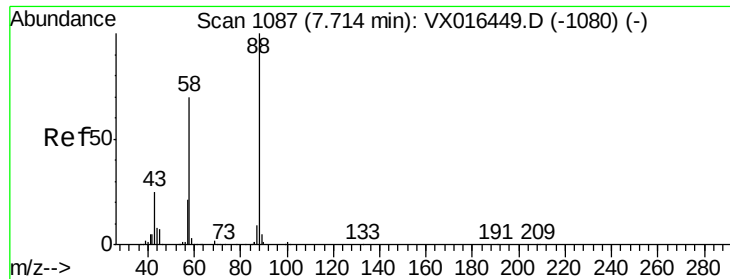
Delta R.T. 0.01 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	41	Resp:	262840
Ion Ratio	Lower	Upper	
41	100		
69	85.4	68.6	102.8
39	51.3	42.4	63.6





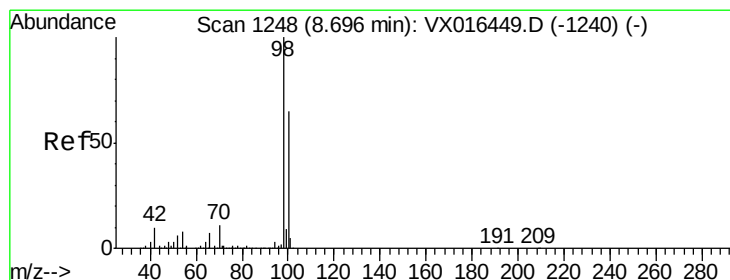
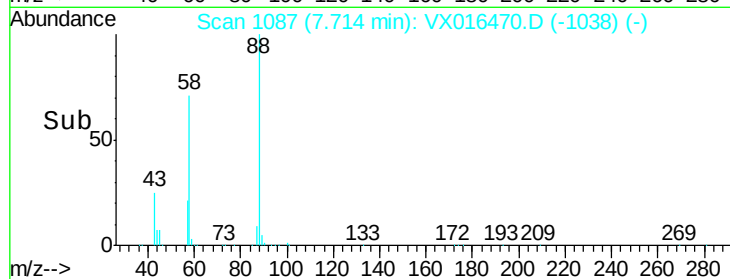
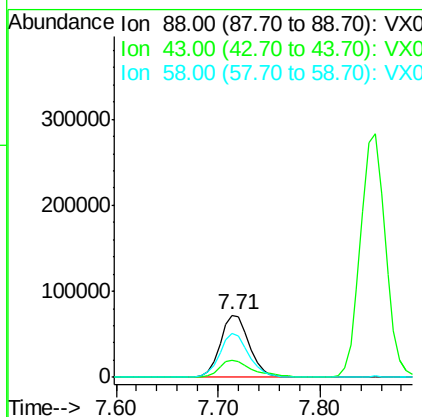
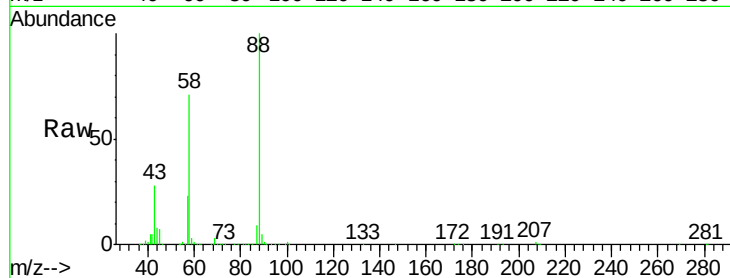
#49
1,4-Dioxane
Concen: 1110.092 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.2	36.4
58	71.1	56.5	84.7

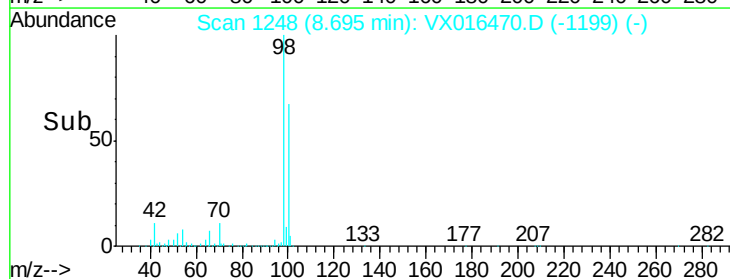
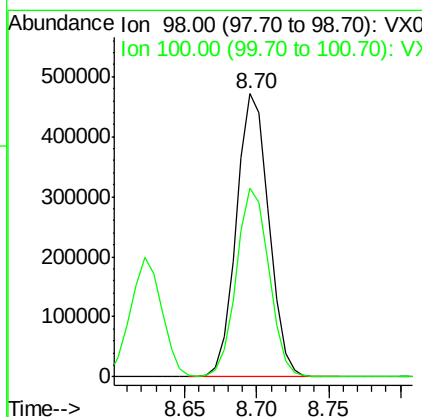
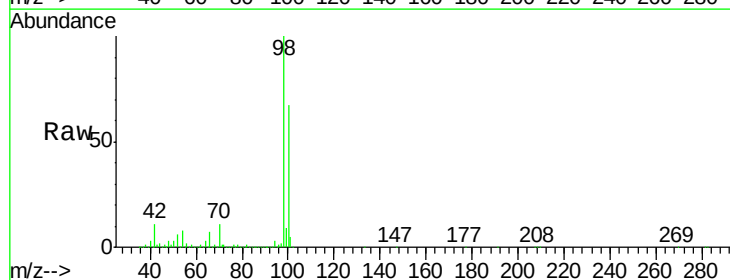
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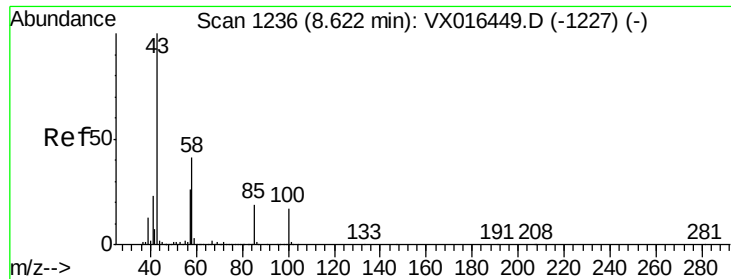
MMDadoda
5/28/2020 2:10:38 PM



#50
Toluene-d8
Concen: 47.805 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





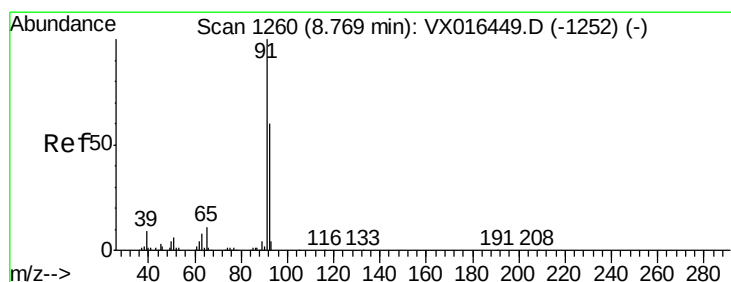
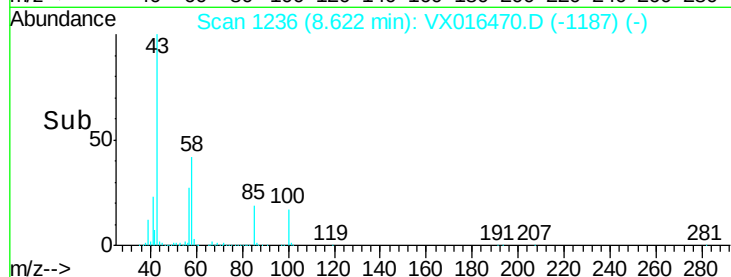
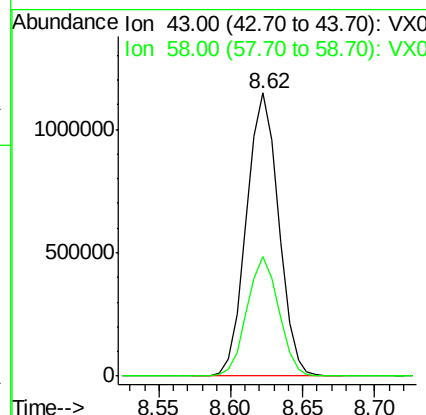
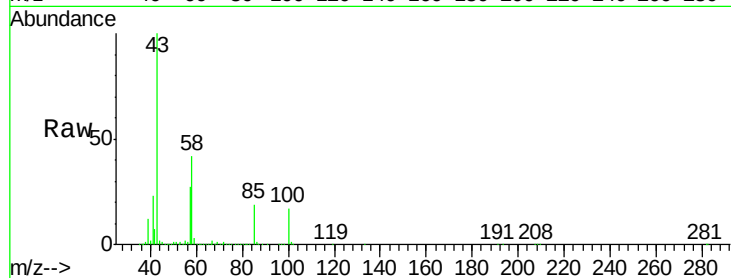
#51
4-Methyl-2-Pentanone
Concen: 249.097 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1773369
Ion Ratio Lower Upper
43 100
58 41.5 33.0 49.6

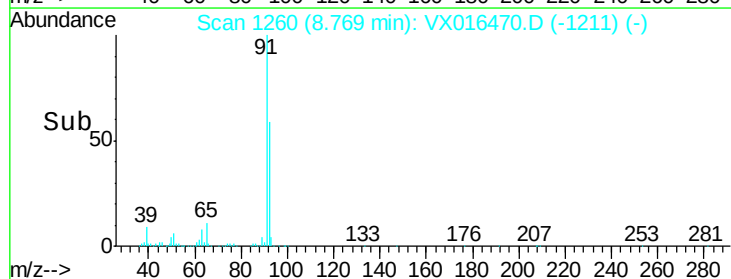
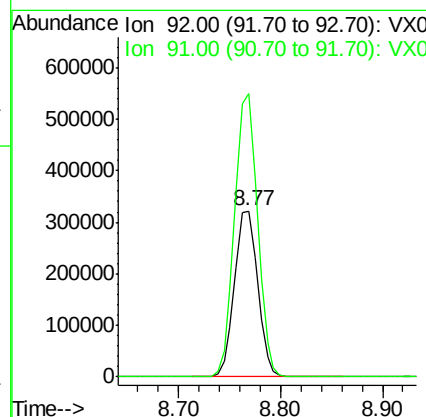
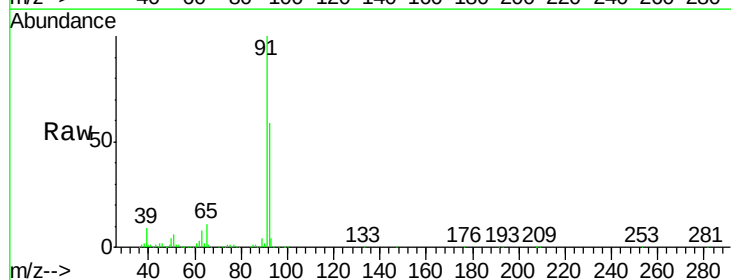
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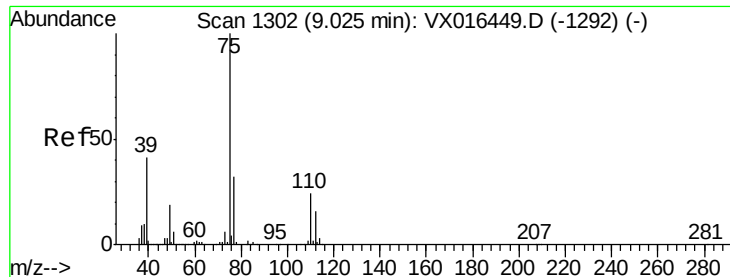
MMDadoda
5/28/2020 2:10:38 PM



#52
Toluene
Concen: 44.105 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion: 92 Resp: 505672
Ion Ratio Lower Upper
92 100
91 168.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 44.735 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 327449

Ion Ratio Lower Upper

75 100

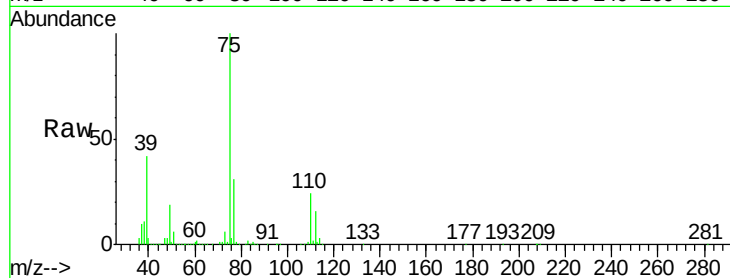
77 31.4 25.5 38.3

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

250000

200000

150000

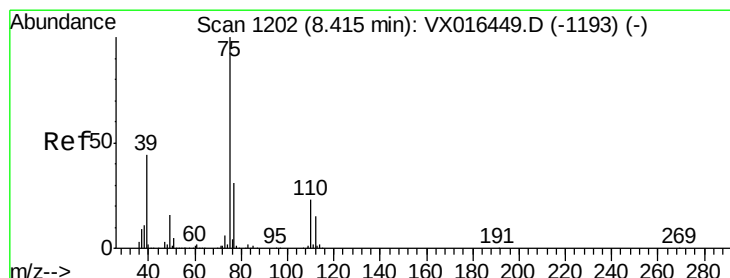
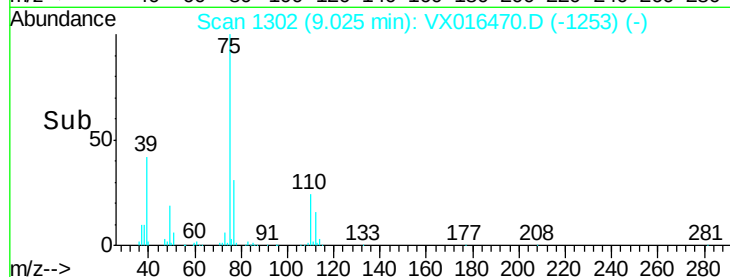
100000

50000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.703 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

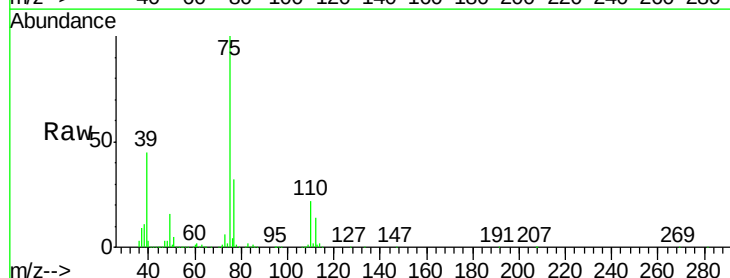
Tgt Ion: 75 Resp: 346350

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 45.0 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

150000

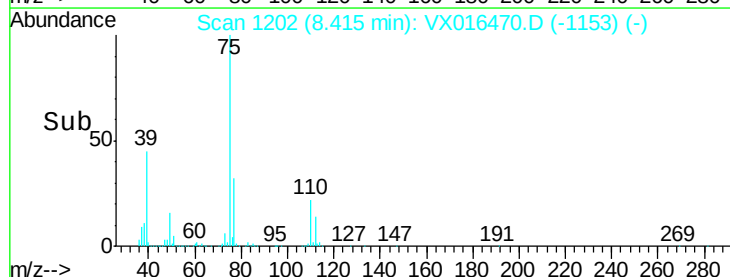
100000

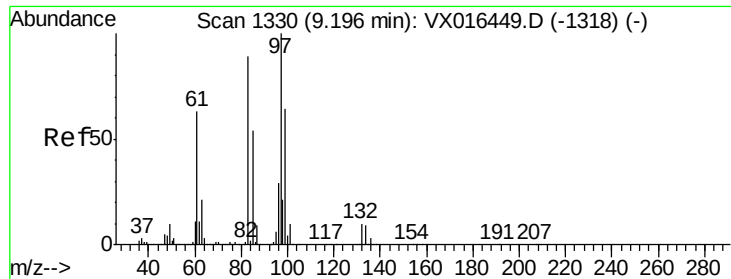
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->





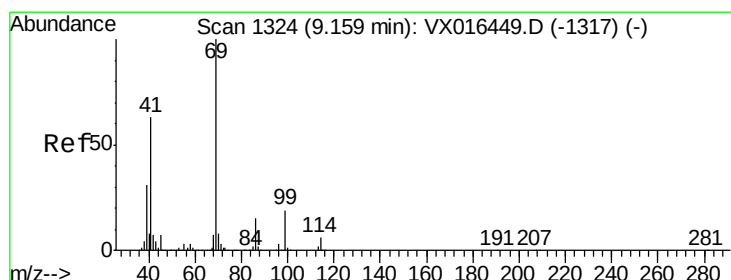
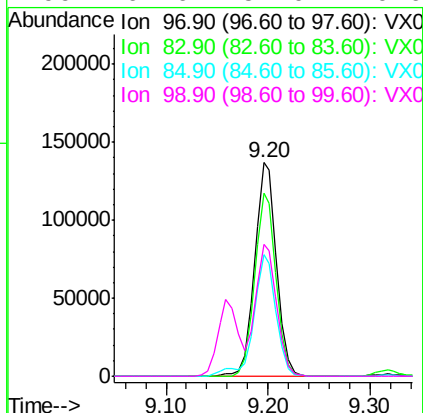
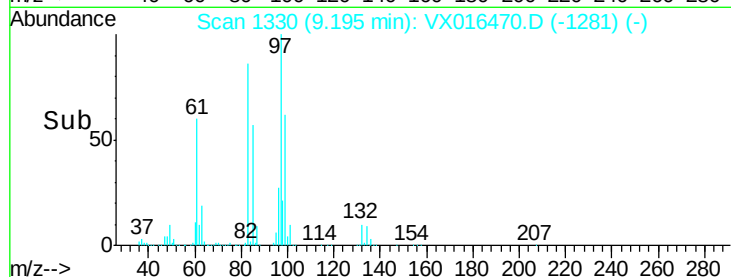
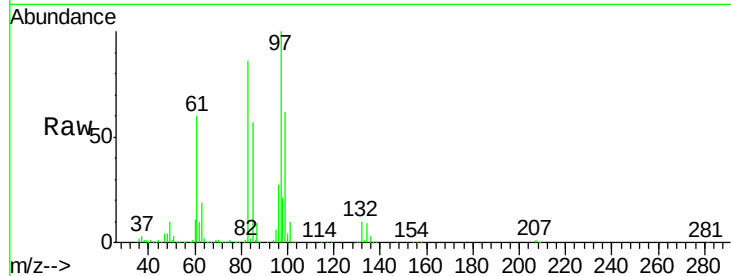
#55
 1,1,2-Trichloroethane
 Concen: 44.946 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		204887		
83	86.0	70.9	106.3		
85	56.8	43.4	65.2		
99	61.6	51.0	76.6		

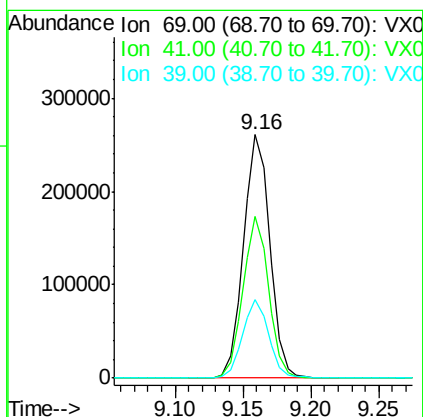
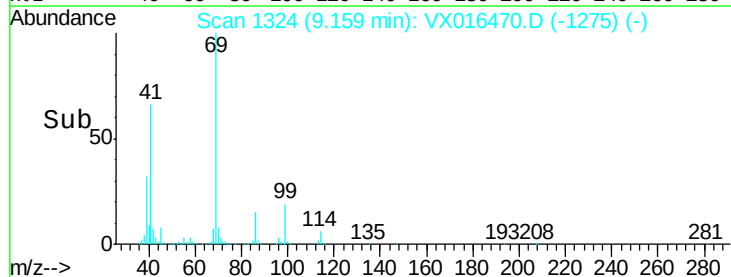
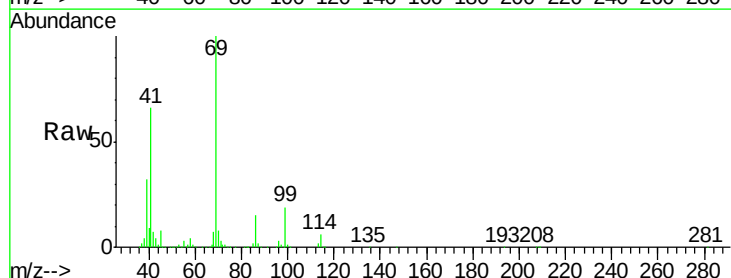
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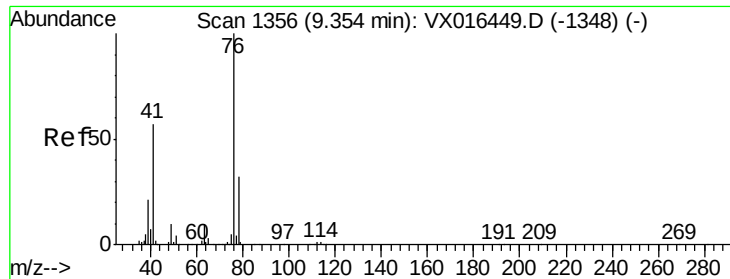
MMDadoda
 5/28/2020 2:10:38 PM



#56
 Ethyl methacrylate
 Concen: 47.648 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		353747		
41	64.6	50.7	76.1		
39	31.8	25.8	38.6		





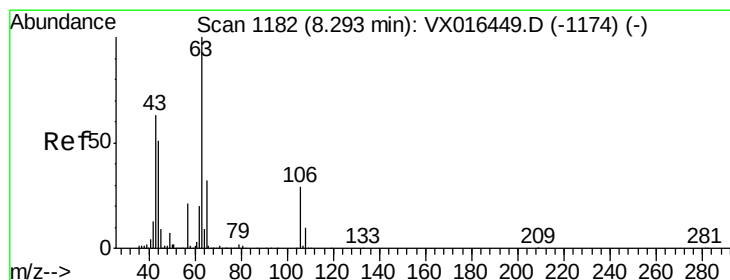
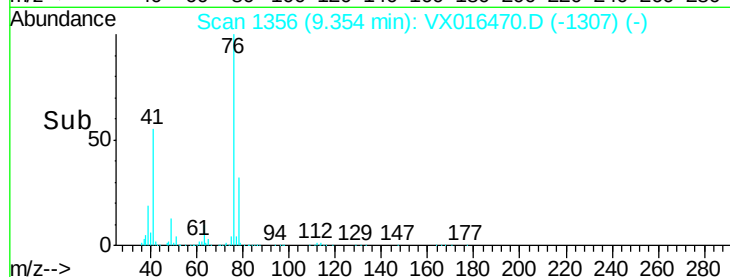
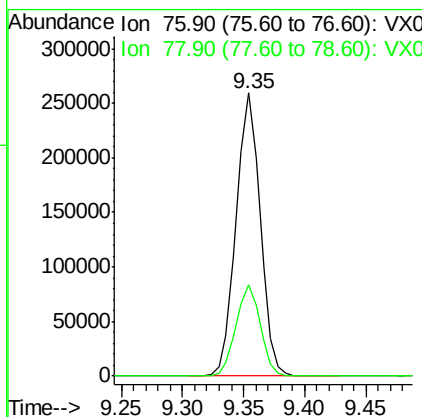
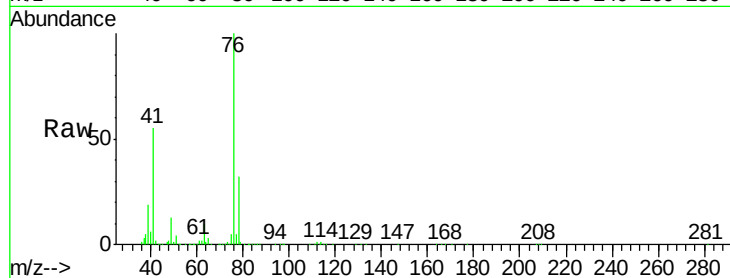
#57
 1,3-Dichloropropane
 Concen: 45.280 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

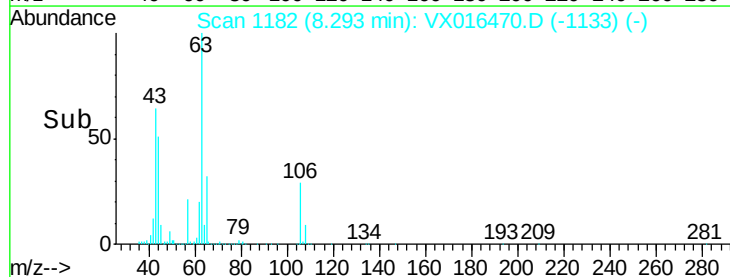
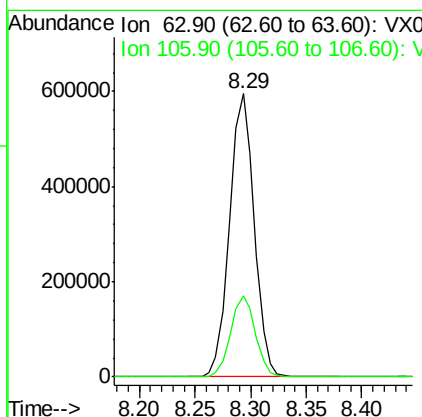
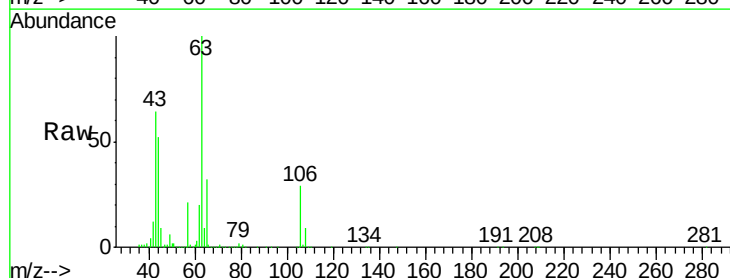
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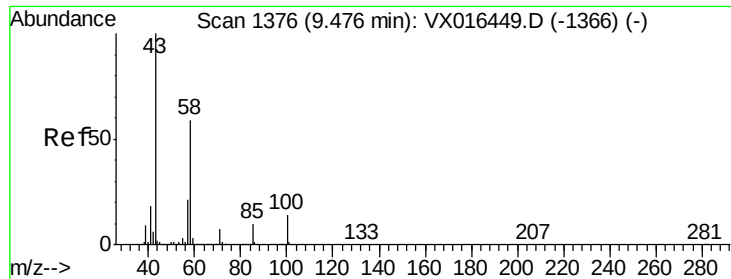
MMDadoda
 5/28/2020 2:10:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.581 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.2	34.8





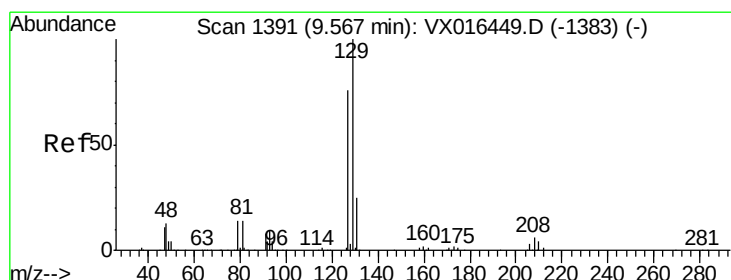
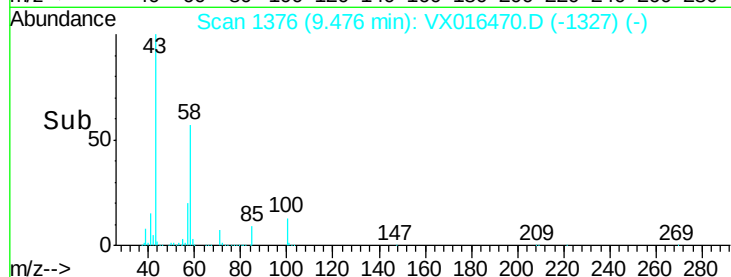
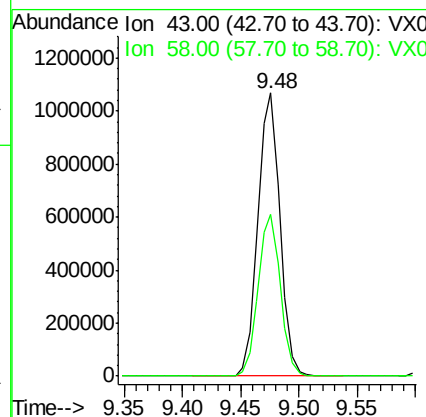
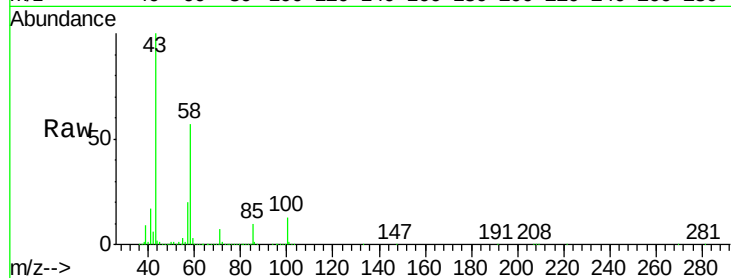
#59
2-Hexanone
Concen: 255.180 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1412748
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.4

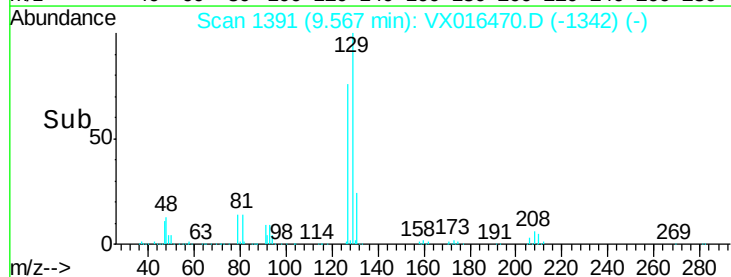
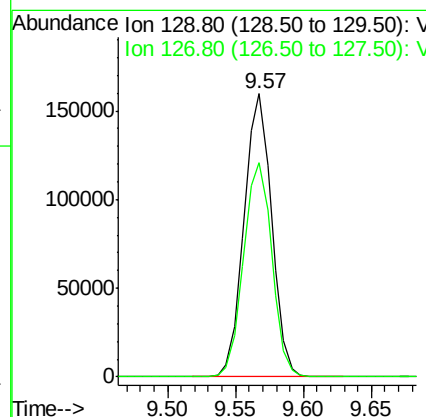
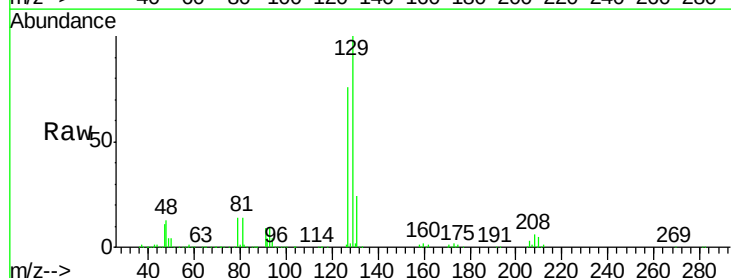
Manual Integrations
APPROVED

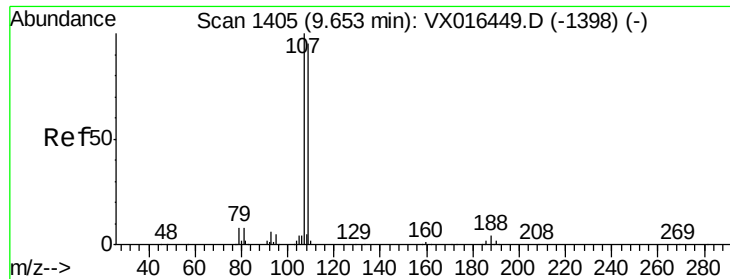
MMDadoda
5/28/2020 2:10:38 PM



#60
Dibromochloromethane
Concen: 44.275 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion: 129 Resp: 227129
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





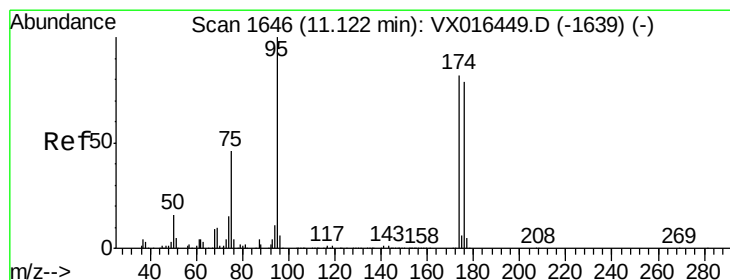
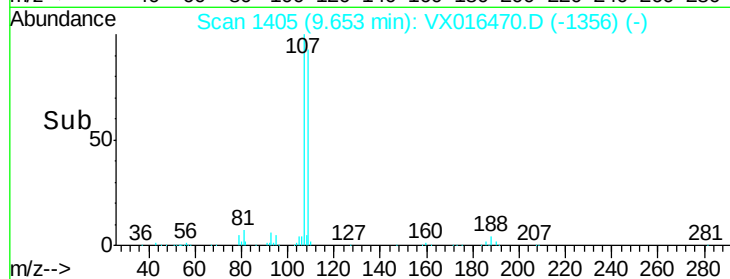
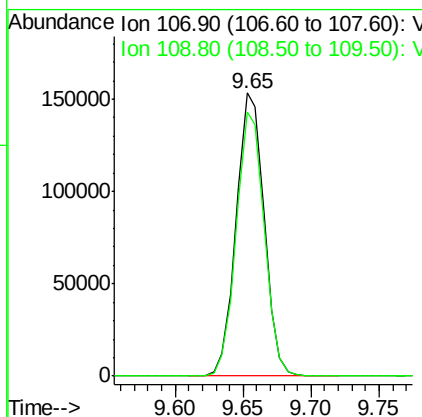
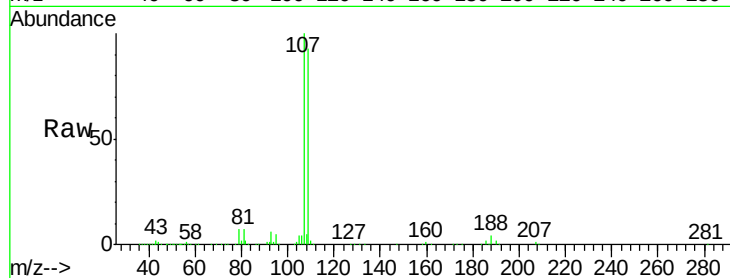
#61
 1,2-Dibromoethane
 Concen: 44.973 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.5	113.3

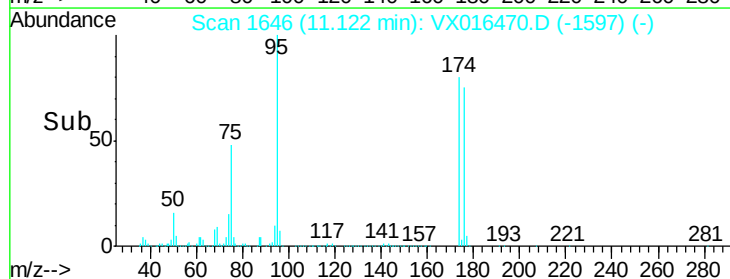
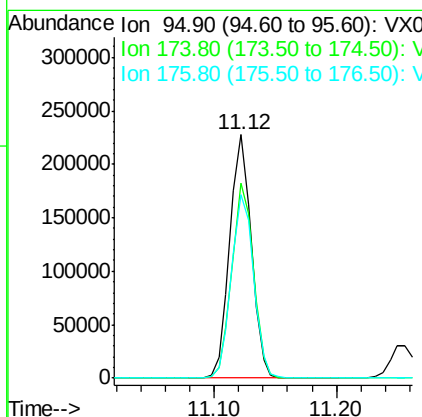
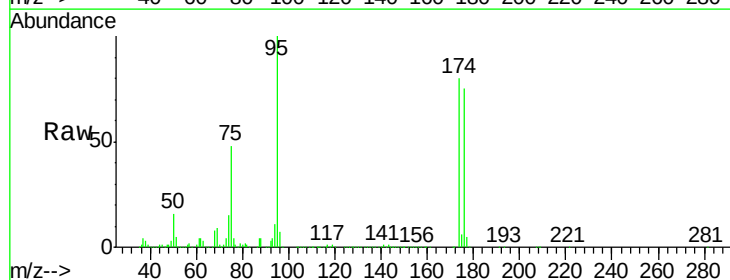
Manual Integrations
 APPROVED

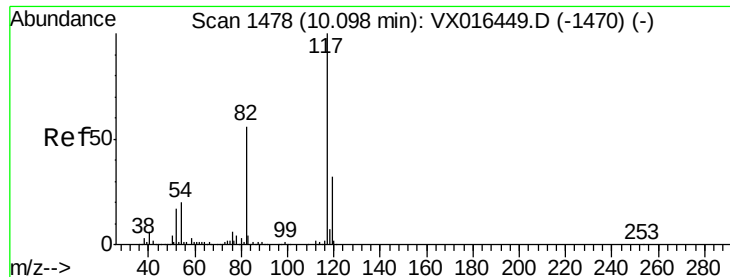
MMDadoda
 5/28/2020 2:10:38 PM



#62
 4-Bromofluorobenzene
 Concen: 46.265 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	163.0
176	77.6	0.0	156.8





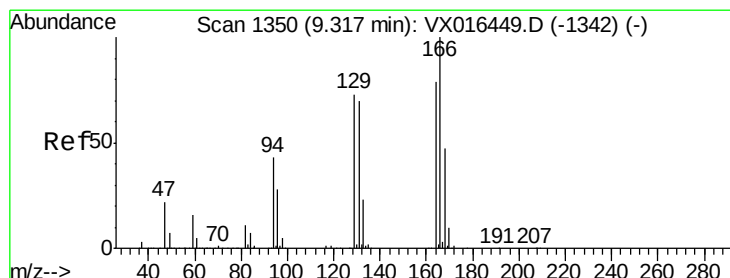
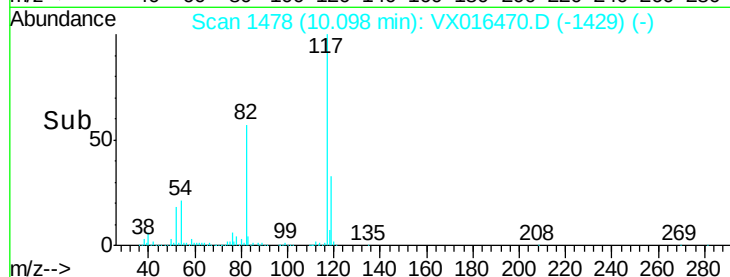
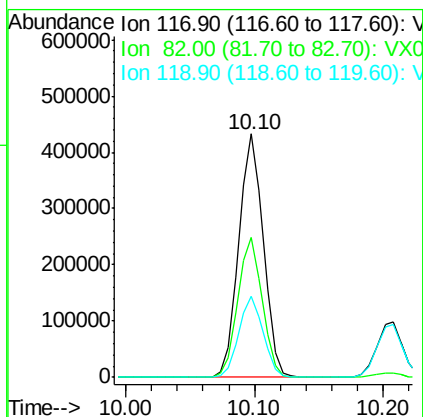
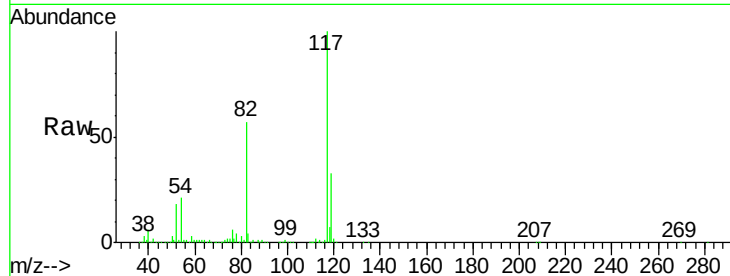
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	571706		
82	57.5		45.0	67.6
119	33.3		25.8	38.8

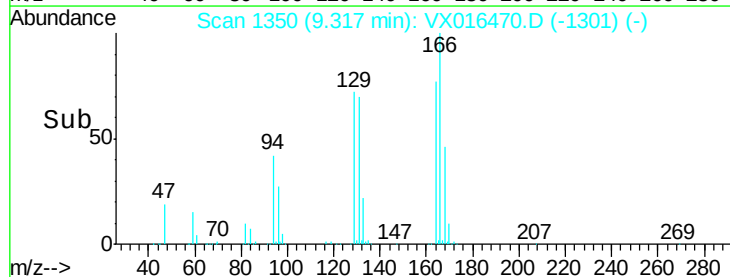
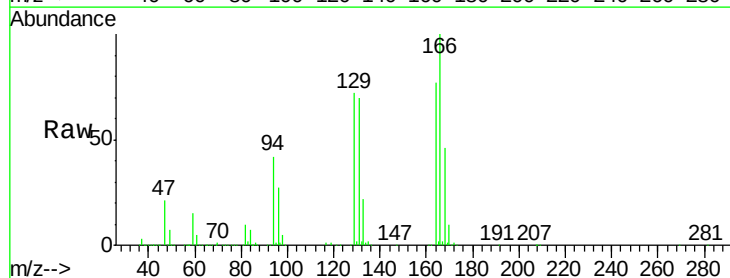
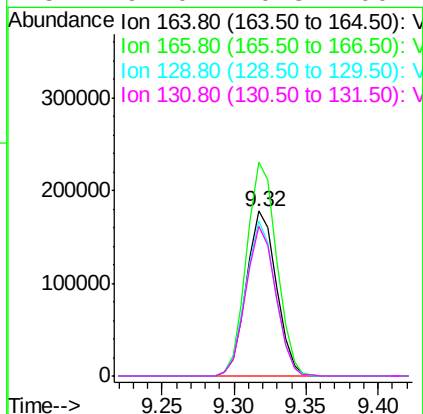
Manual Integrations
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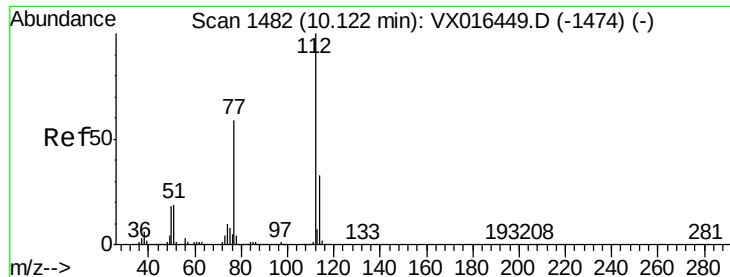
MMDadoda
5/28/2020 2:10:38 PM



#64
Tetrachloroethene
Concen: 39.957 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	255575		
166	129.7		100.9	151.3
129	94.0		73.2	109.8
131	91.0		70.8	106.2





#65

Chlorobenzene

Concen: 46.000 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 536155

Ion Ratio Lower Upper

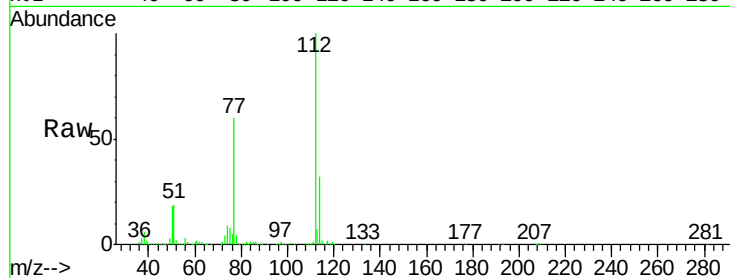
112 100

114 32.0 26.0 39.0

Manual Integrations
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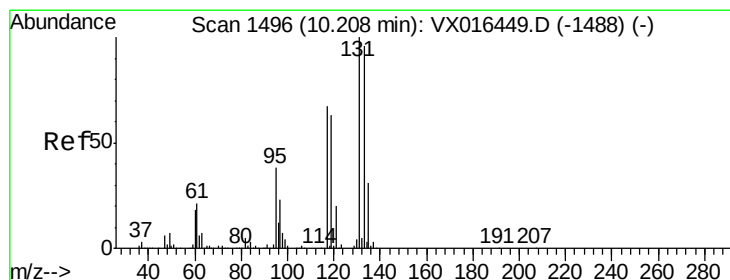
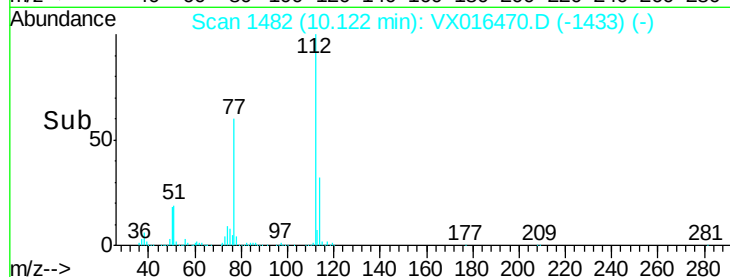
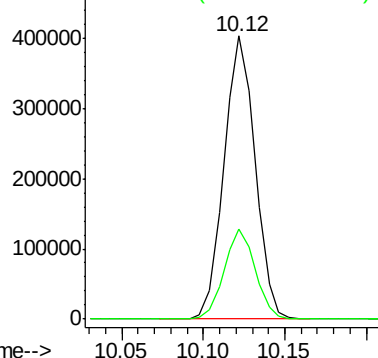
MMDadoda

5/28/2020 2:10:38 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.845 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

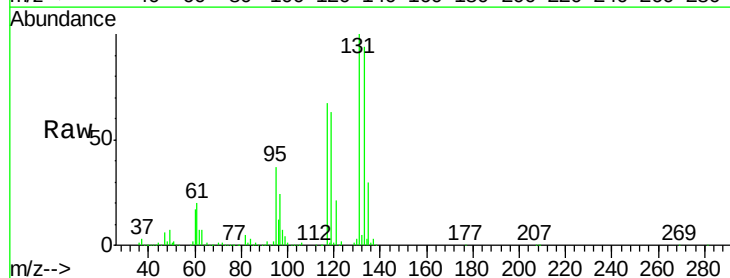
Tgt Ion:131 Resp: 203972

Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.3

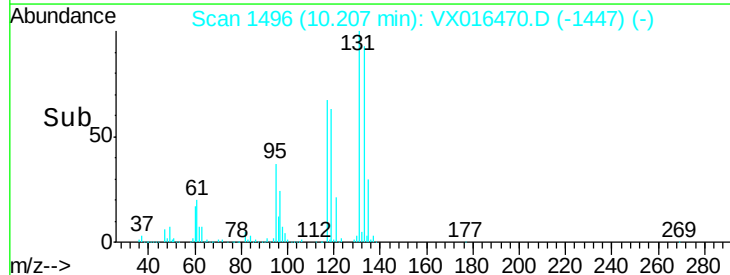
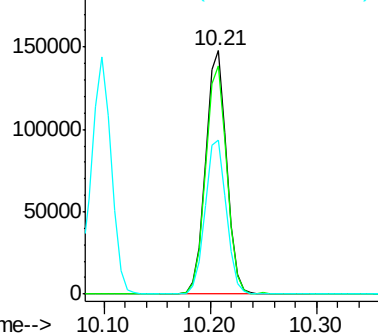
119 63.8 32.0 96.2

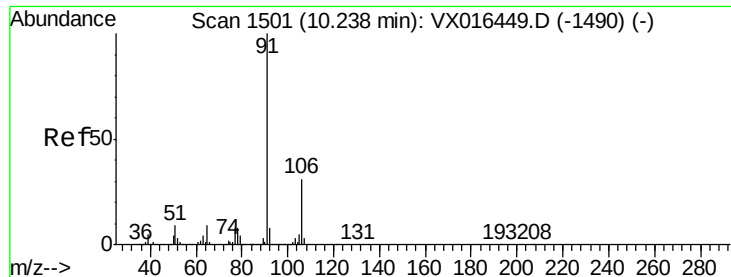


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 45.991 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 954405

Ion Ratio Lower Upper

91 100

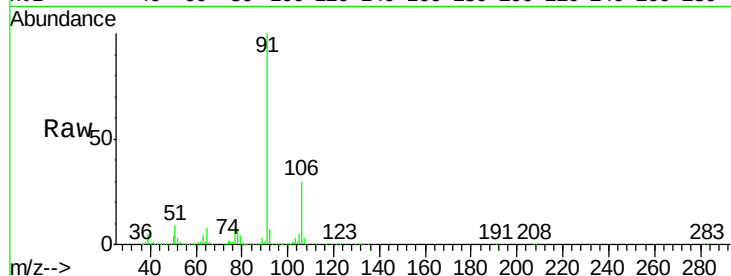
106 30.3 25.0 37.4

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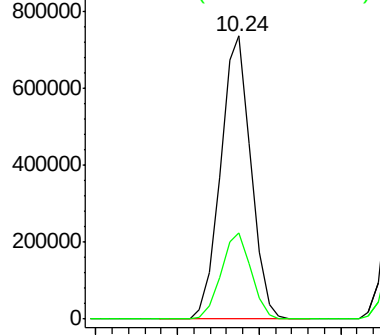
MMDadoda

5/28/2020 2:10:38 PM

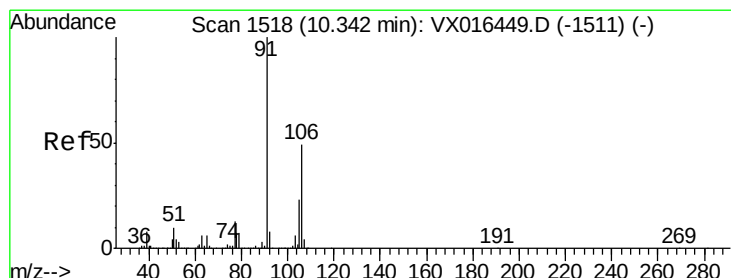
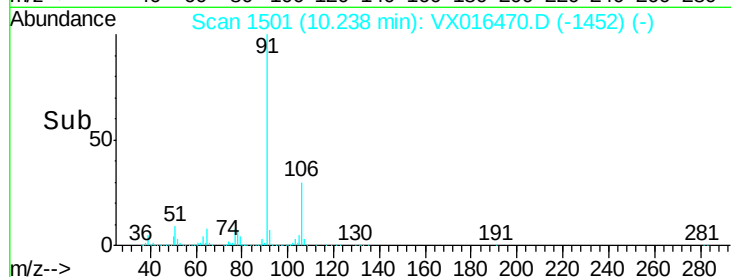


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 92.675 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016470.D

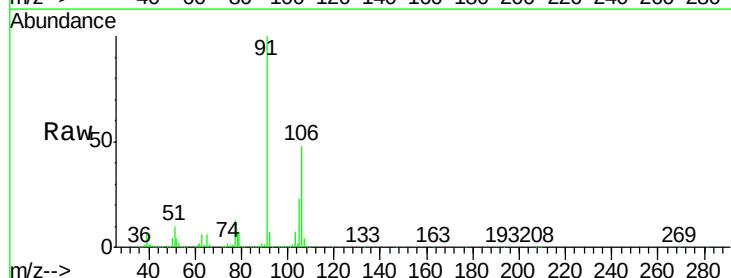
Acq: 28 May 2020 00:45

Tgt Ion: 106 Resp: 713058

Ion Ratio Lower Upper

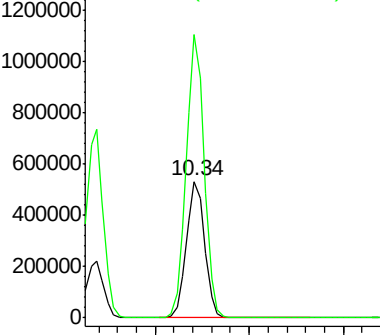
106 100

91 204.5 163.8 245.8

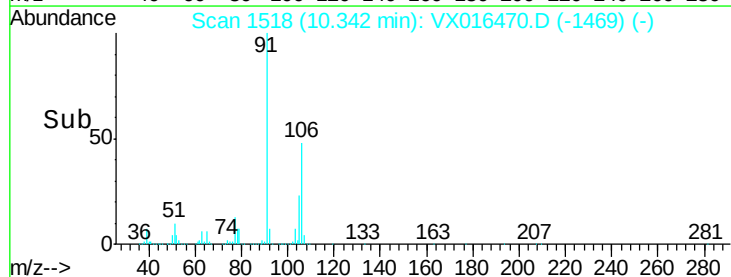


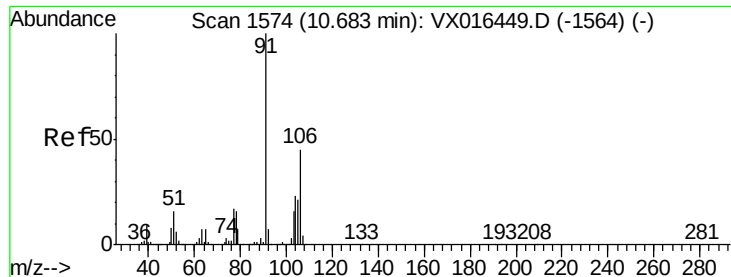
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





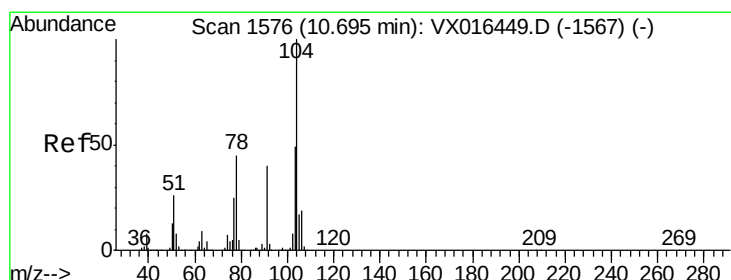
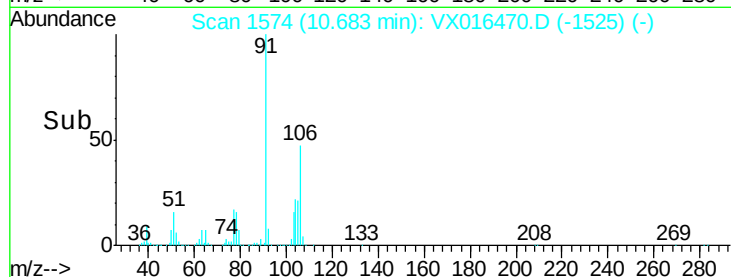
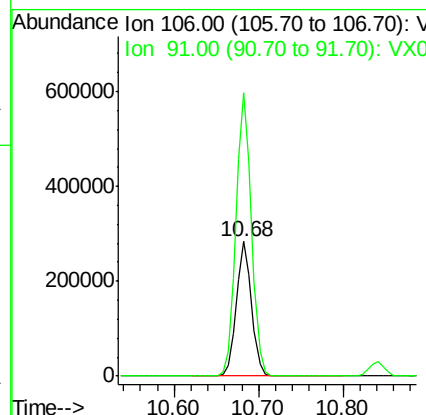
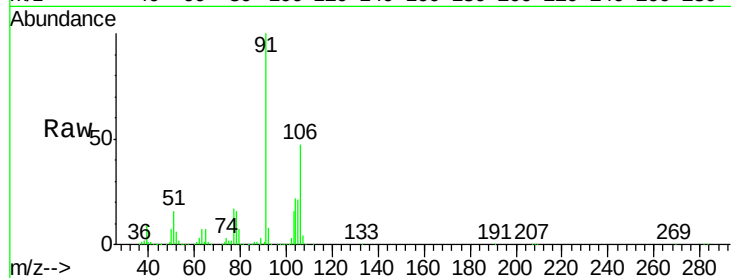
#69
o-Xylene
Concen: 46.552 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.9	109.6	328.8

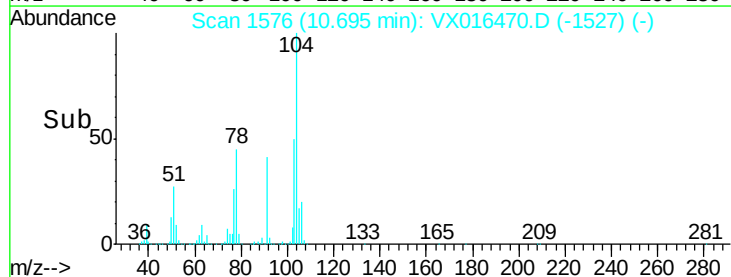
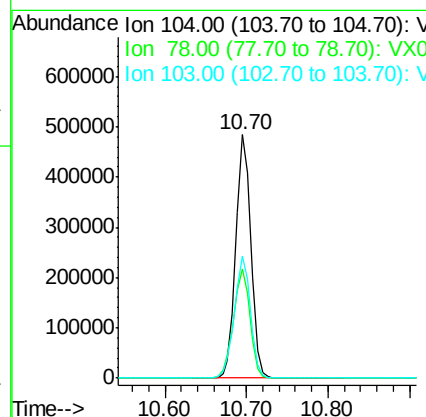
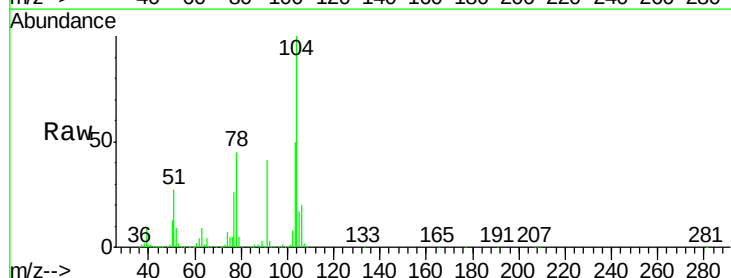
Manual Integrations
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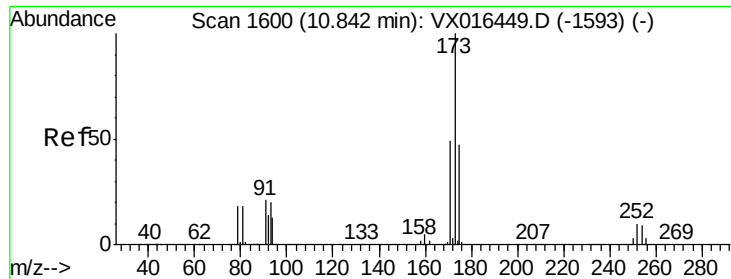
MMDadoda
5/28/2020 2:10:38 PM



#70
Styrene
Concen: 47.597 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	40.2	60.2
103	53.4	43.1	64.7





#71

Bromoform

Concen: 47.158 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

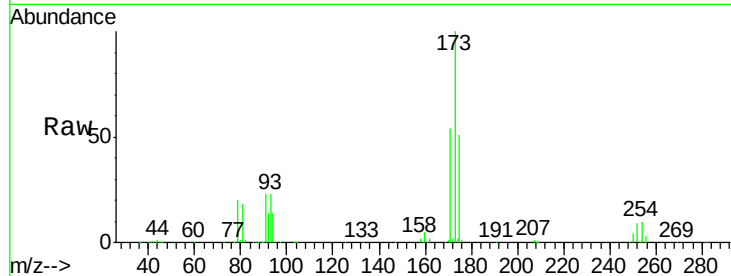
ClientSampleId :

VSTDCCC050EC

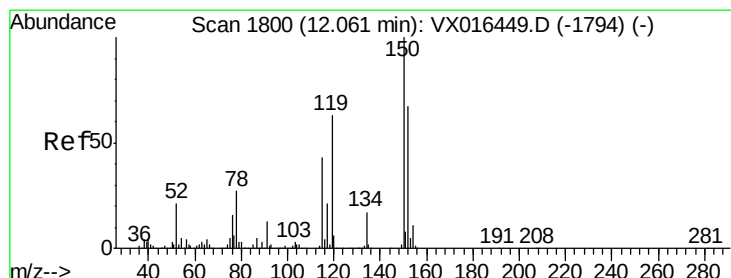
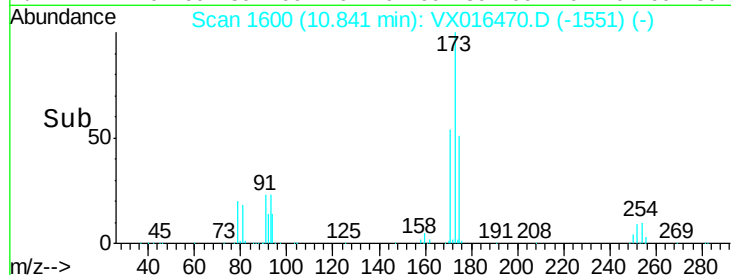
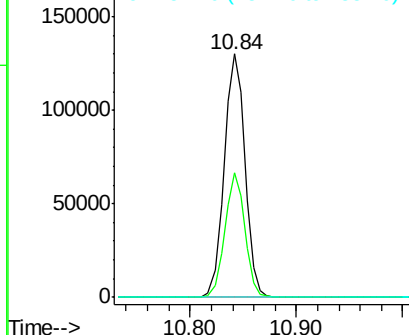
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.9	71.7
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

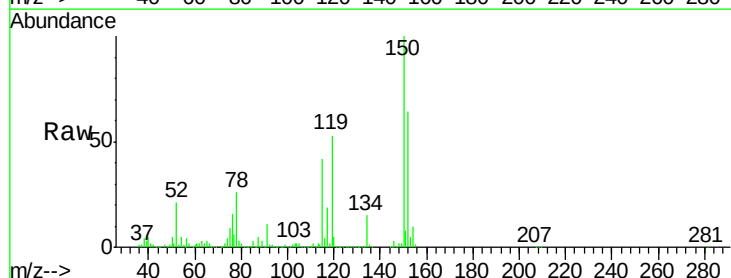
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

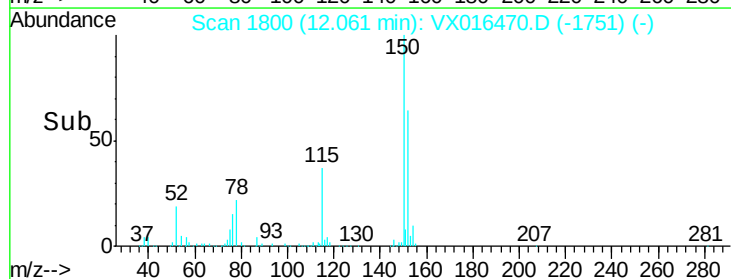
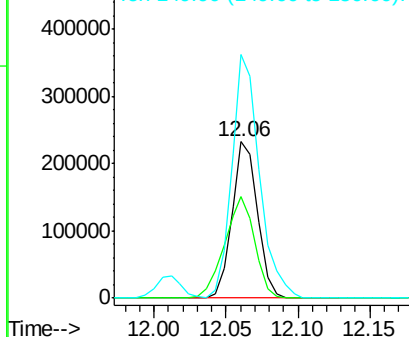
Lab File: VX016470.D

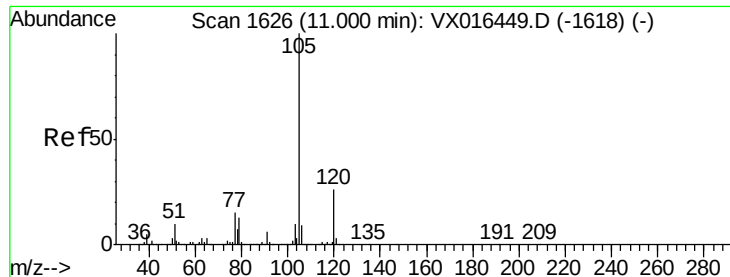
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.0	39.9	119.6
150	169.2	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: 45.860 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 911706

Ion Ratio Lower Upper

105 100

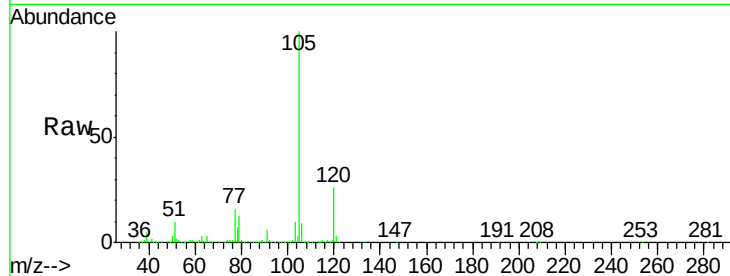
120 26.2 13.1 39.3

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

800000

600000

400000

200000

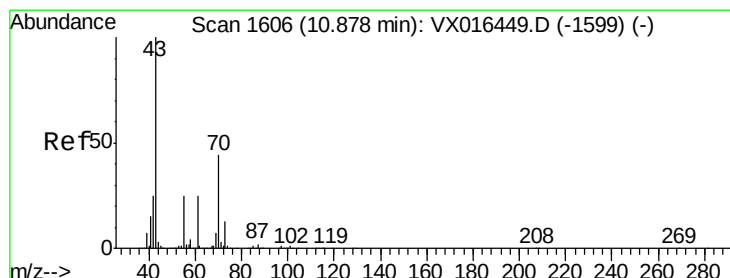
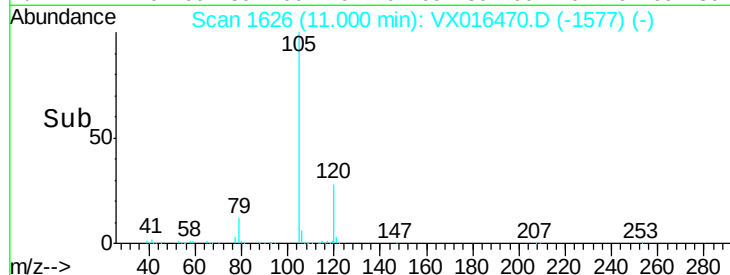
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 49.912 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion: 43 Resp: 456418

Ion Ratio Lower Upper

43 100

70 44.8 36.1 54.1

55 24.5 20.2 30.4

61 25.9 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

500000

400000

300000

200000

100000

0

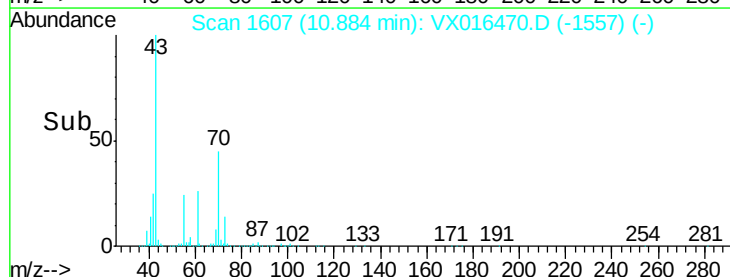
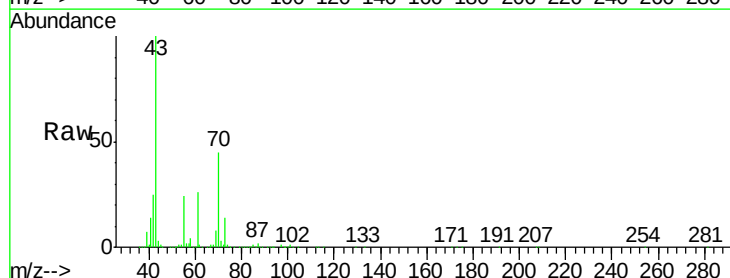
10.88

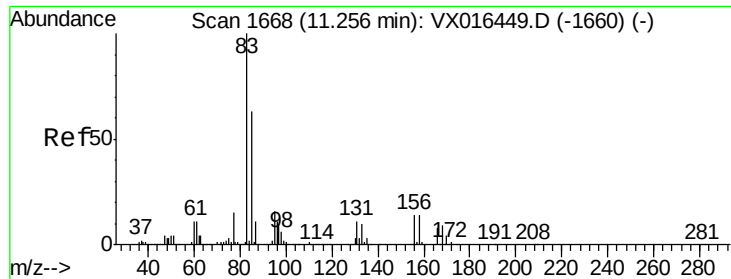
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.157 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

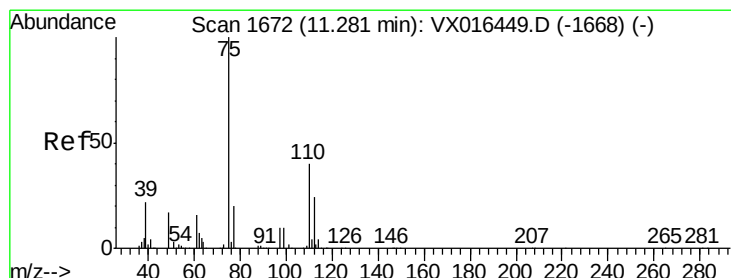
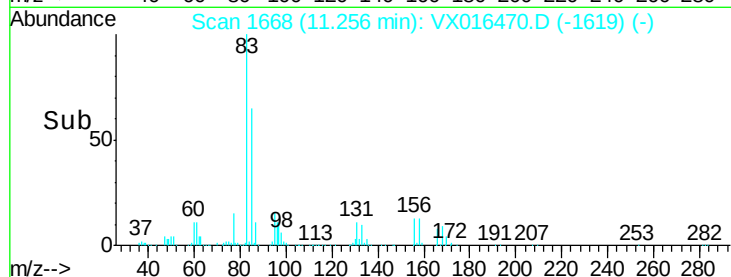
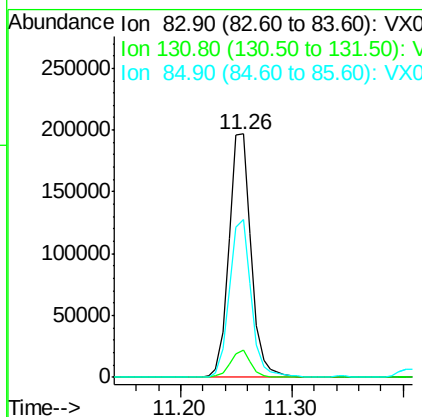
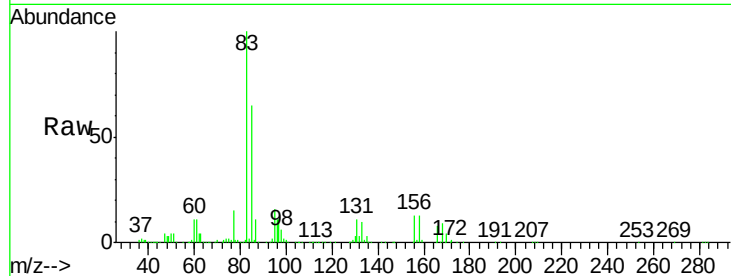
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	269836
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	63.8	32.0	96.2

Manual Integrations
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MMDadoda
5/28/2020 2:10:38 PM



#76

1,2,3-Trichloropropane

Concen: 47.075 ug/l m

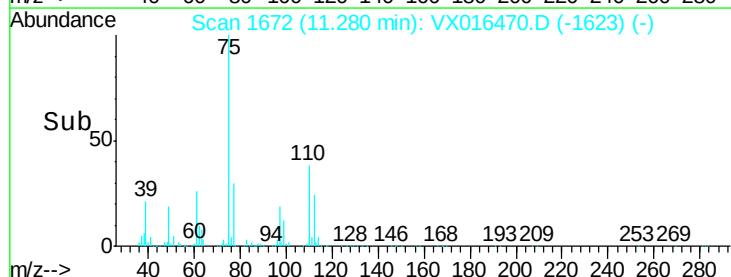
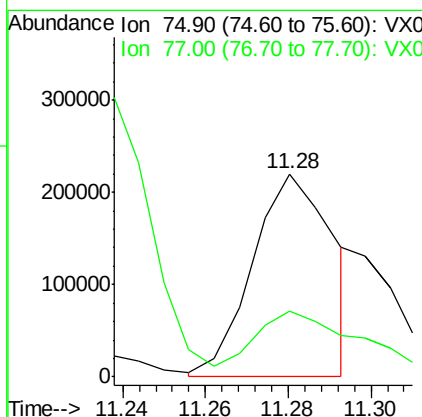
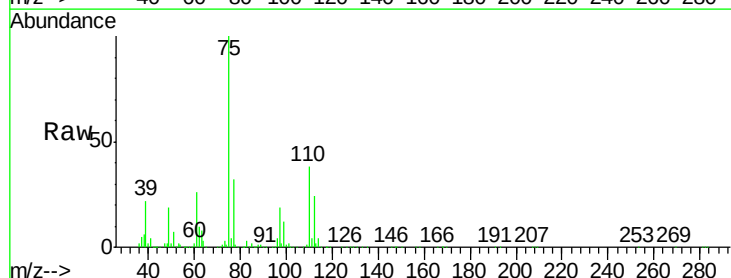
RT: 11.28 min Scan# 1672

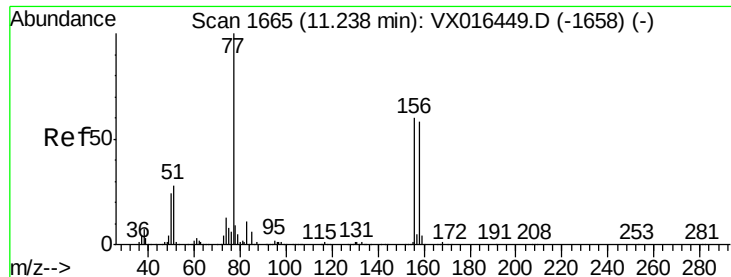
Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	75	Resp:	296889
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.3	63.7





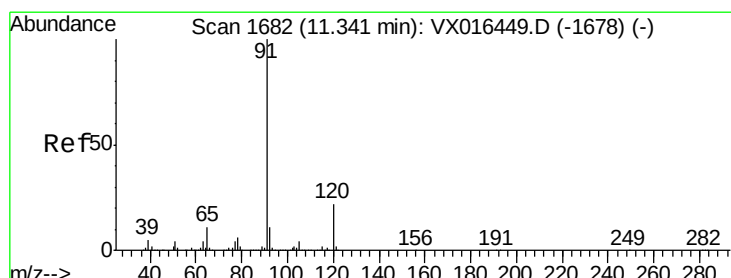
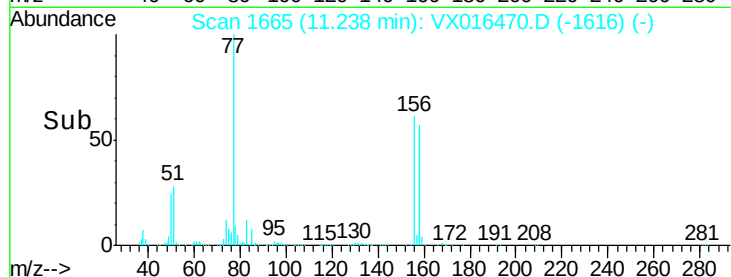
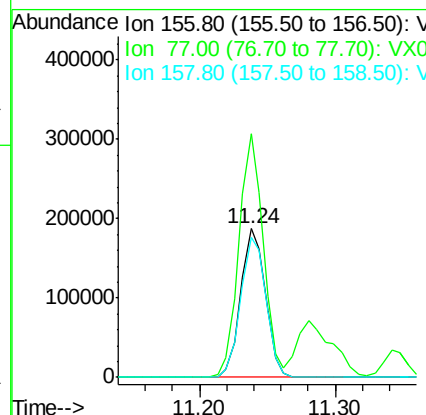
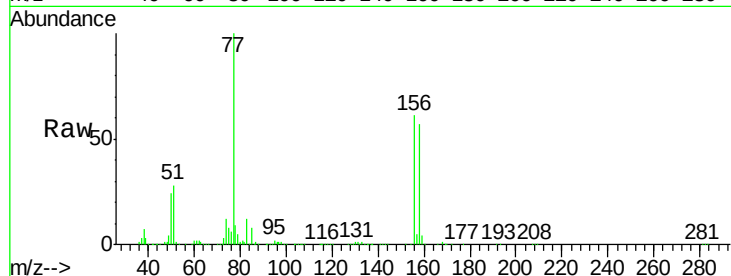
#77
Bromobenzene
Concen: 45.503 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.6	79.6	238.8
158	96.0	48.1	144.4

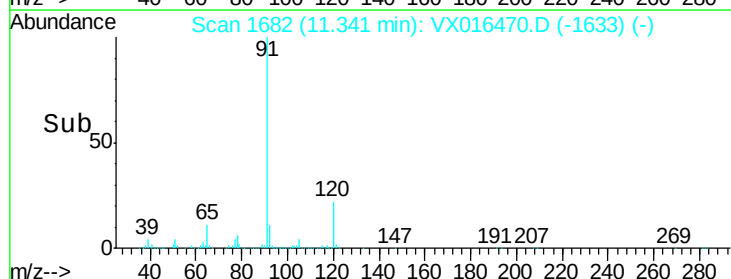
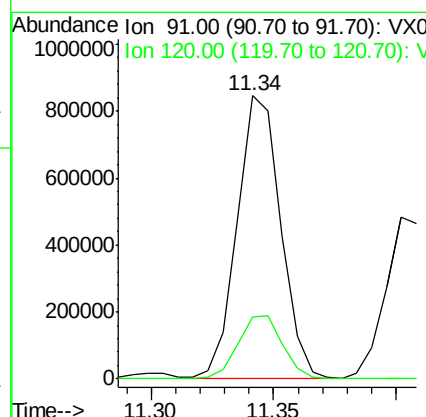
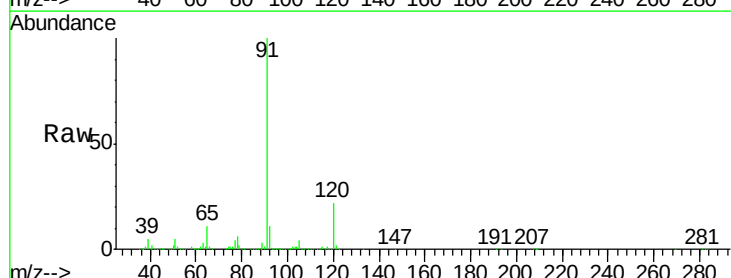
Manual Integrations
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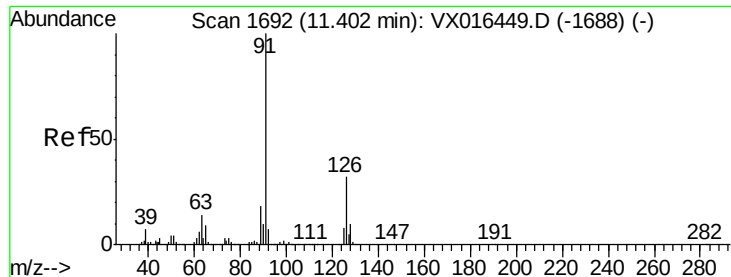
MMDadoda
5/28/2020 2:10:38 PM



#78
n-propylbenzene
Concen: 46.623 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.6	34.7





#79

2-Chlorotoluene

Concen: 45.524 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 617190

Ion Ratio Lower Upper

91 100

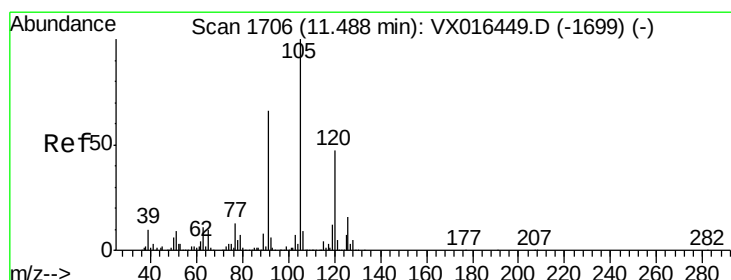
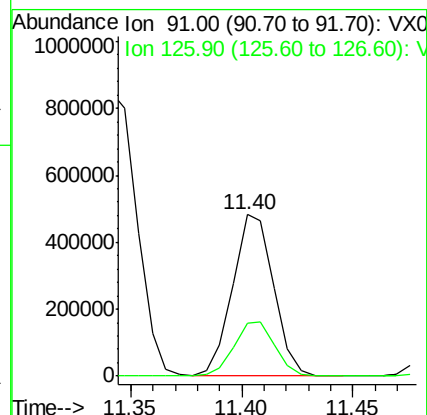
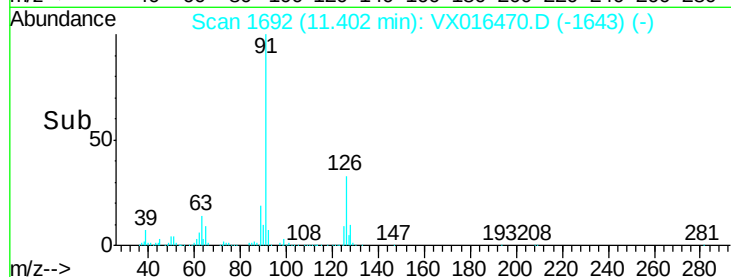
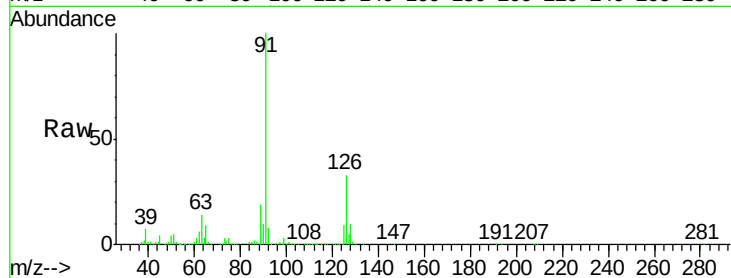
126 33.6 16.8 50.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.962 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016470.D

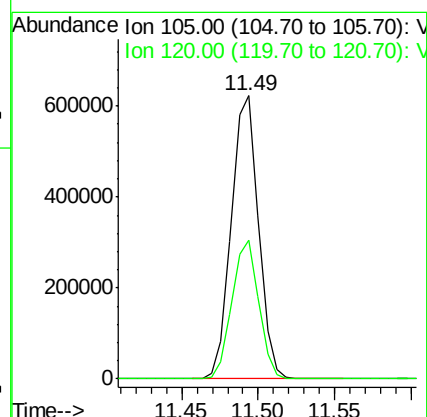
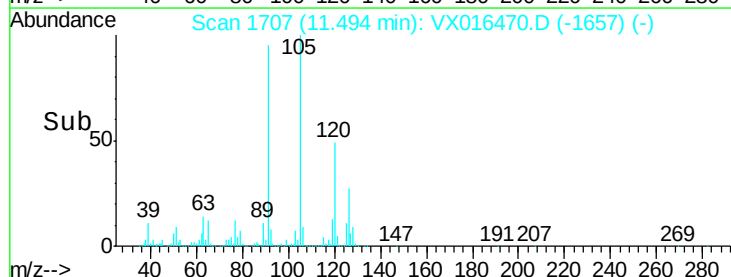
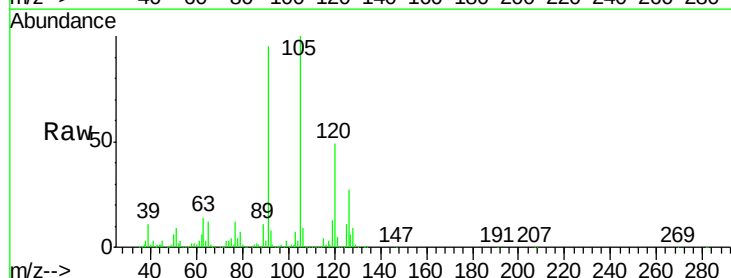
Acq: 28 May 2020 00:45

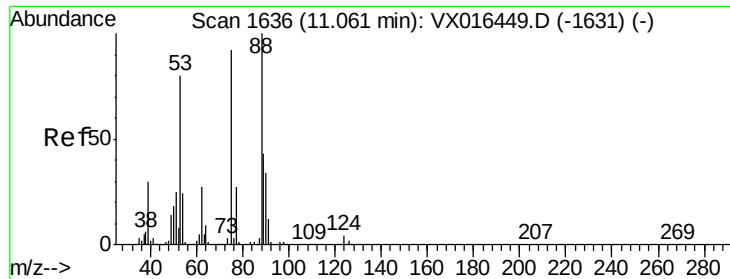
Tgt Ion: 105 Resp: 762968

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





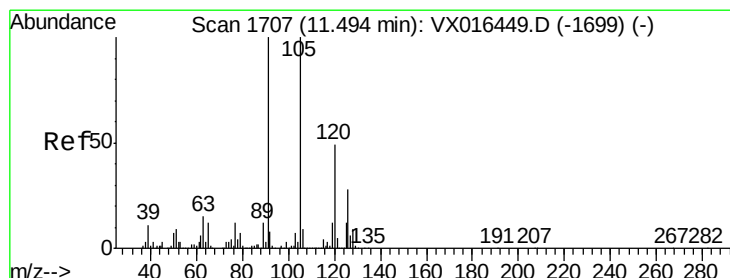
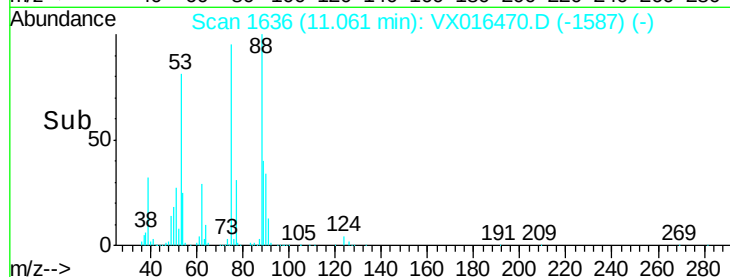
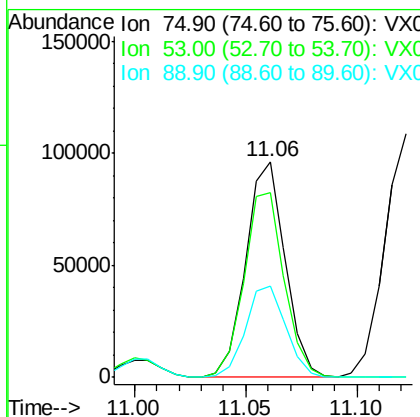
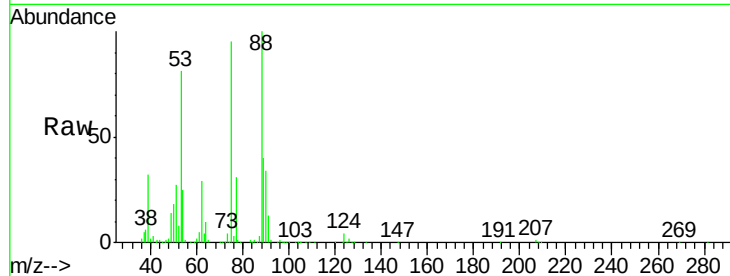
#81
trans-1,4-Dichloro-2-butene
Concen: 45.998 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.2	71.3	106.9
89	44.0	36.6	55.0

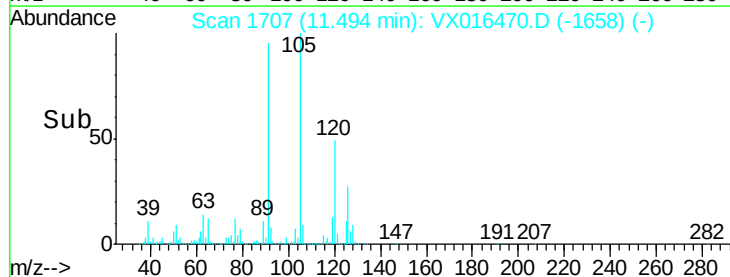
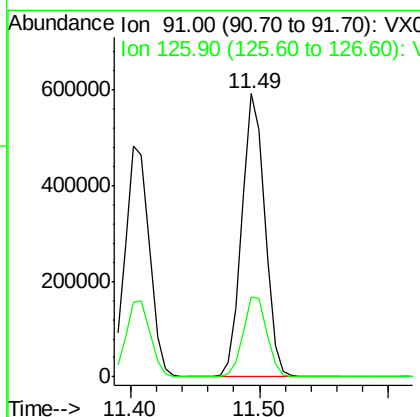
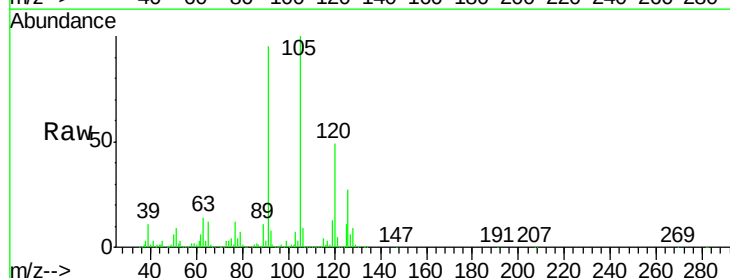
Manual Integrations
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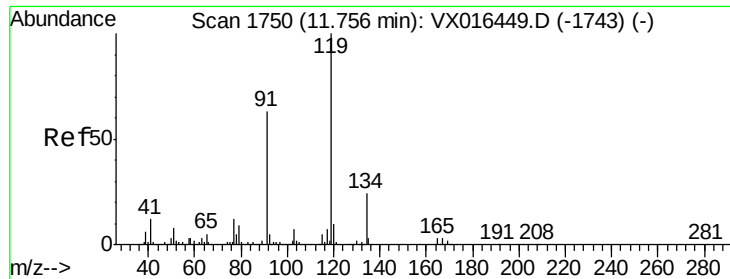
MMDadoda
5/28/2020 2:10:38 PM



#82
4-Chlorotoluene
Concen: 45.782 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.7	44.1





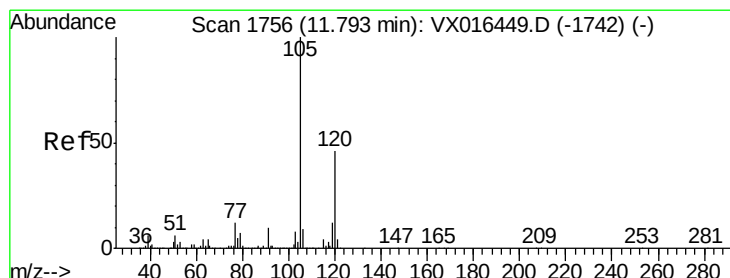
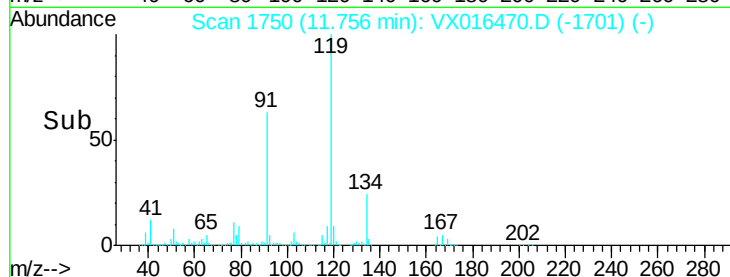
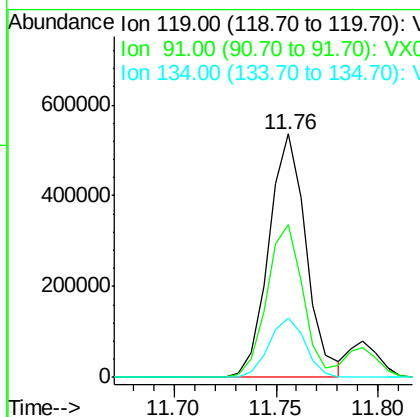
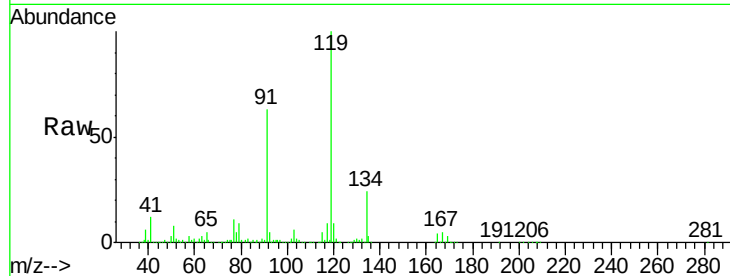
#83
 tert-Butylbenzene
 Concen: 48.123 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	682565		
91	60.7	31.3	93.8	
134	23.6	12.0	36.0	

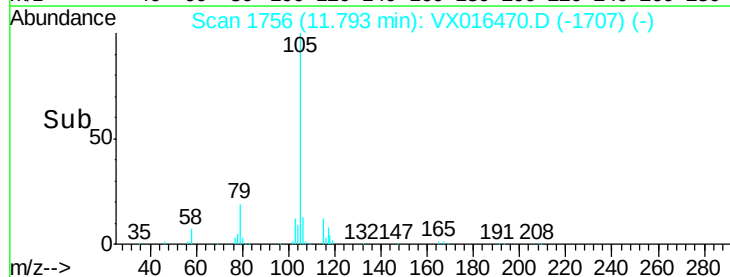
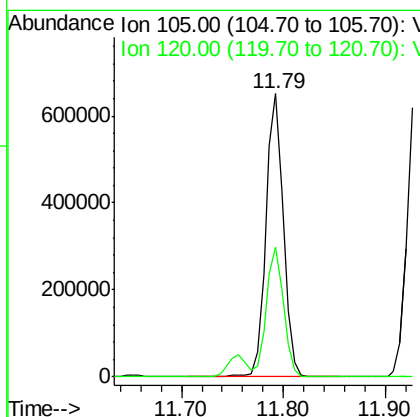
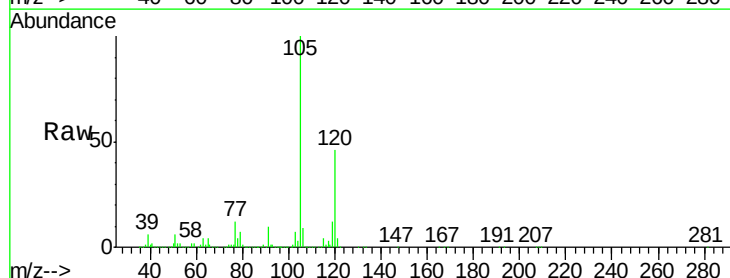
Manual Integrations
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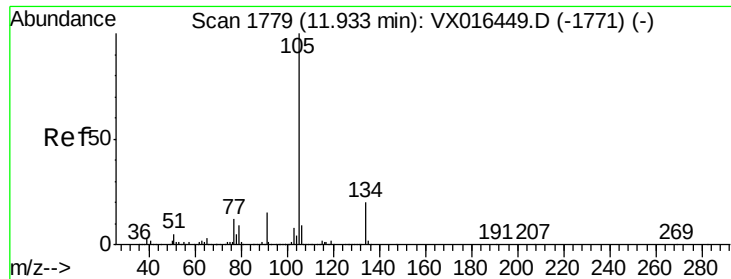
MMDadoda
 5/28/2020 2:10:38 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 46.112 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	774112		
120	45.4	22.6	67.7	





#85

sec-Butylbenzene

Concen: 47.247 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 840670

Ion Ratio Lower Upper

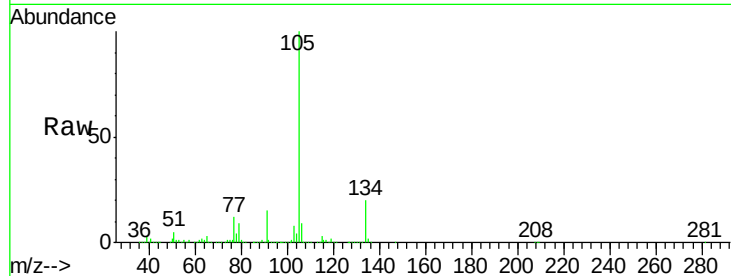
105 100

134 19.8 10.1 30.3

Manual Integrations
APPROVED

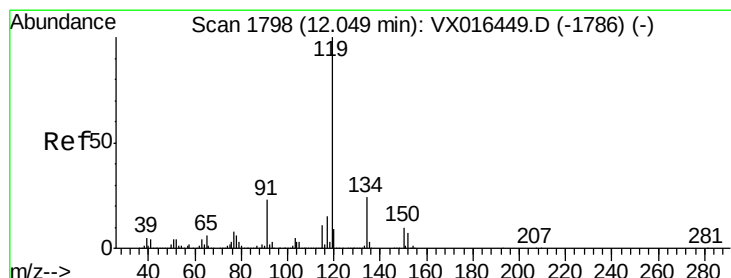
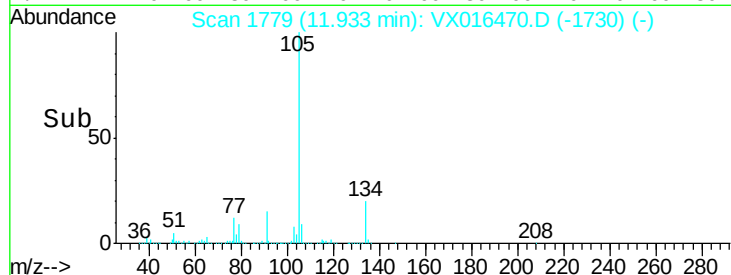
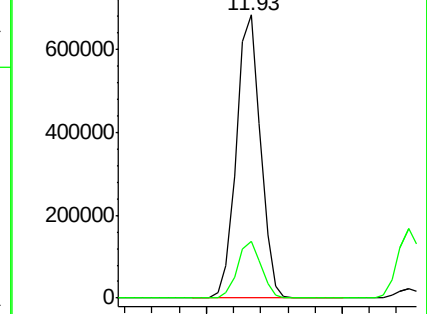
MMDadoda

5/28/2020 2:10:38 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.555 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

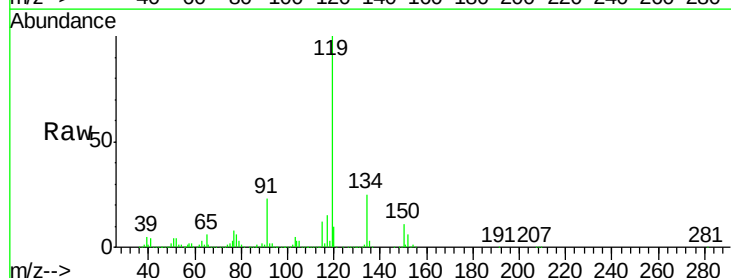
Tgt Ion:119 Resp: 775949

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

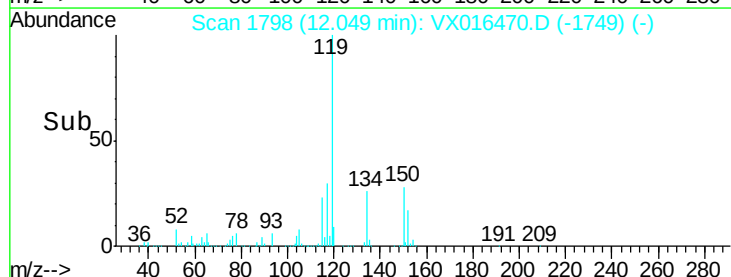
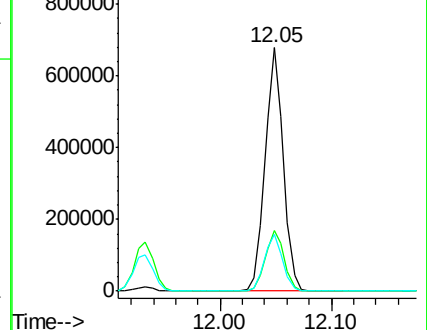
91 23.3 11.7 35.0

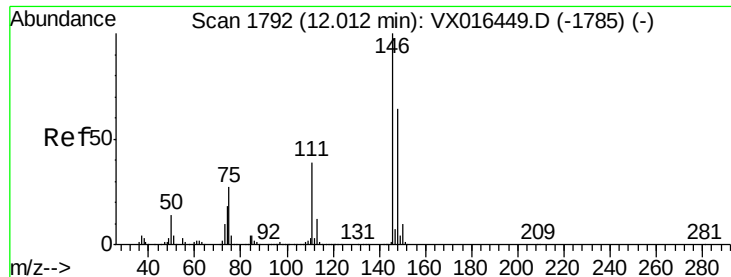


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





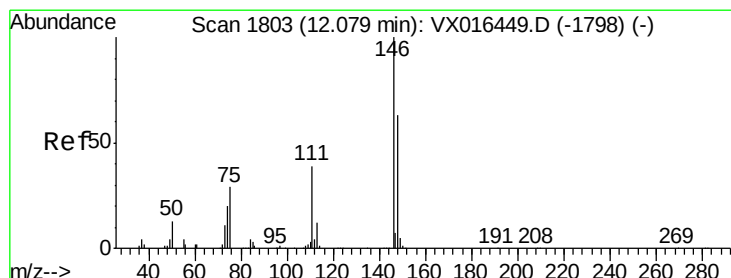
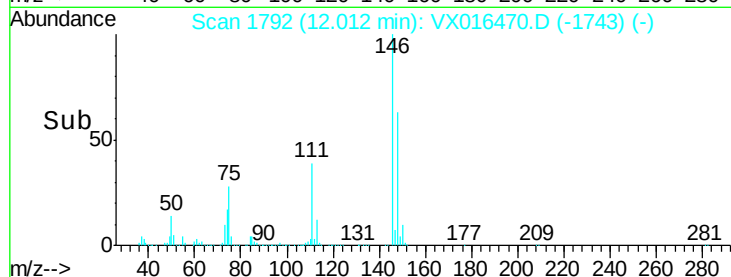
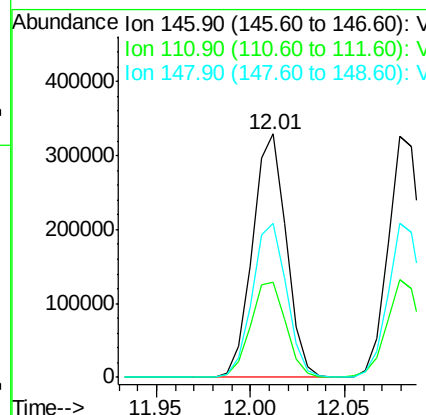
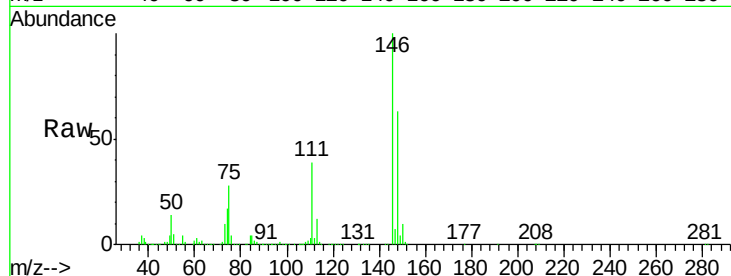
#87
 1,3-Dichlorobenzene
 Concen: 45.289 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	60.0
148	64.2	31.9	95.5

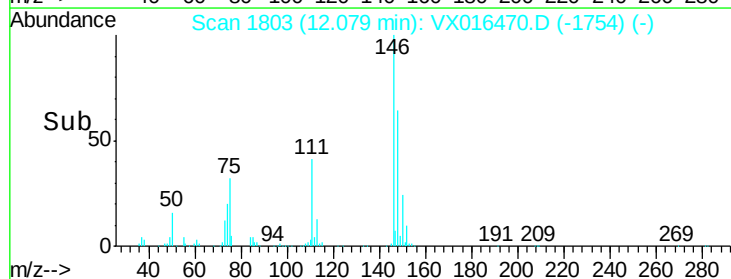
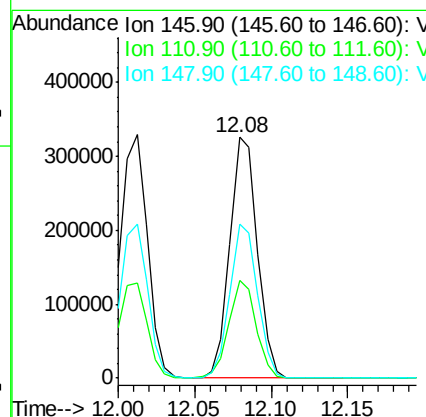
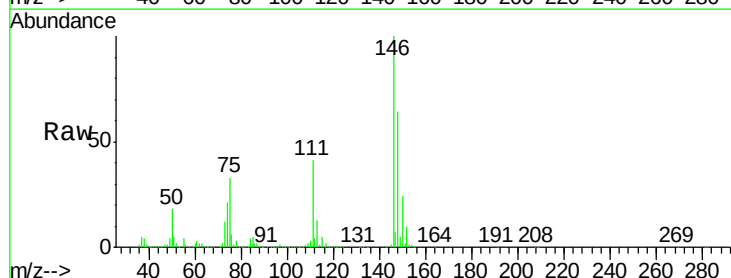
Manual Integrations
 APPROVED

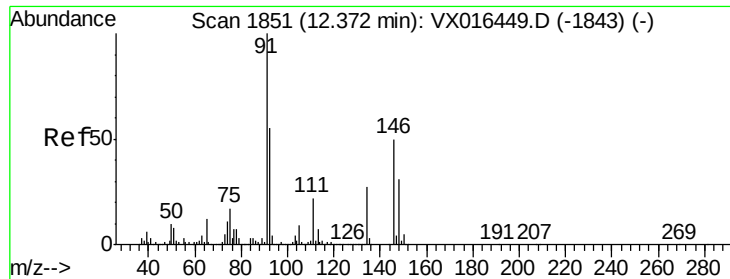
MMDadoda
 5/28/2020 2:10:38 PM



#88
 1,4-Dichlorobenzene
 Concen: 44.110 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.2
148	64.2	31.4	94.3





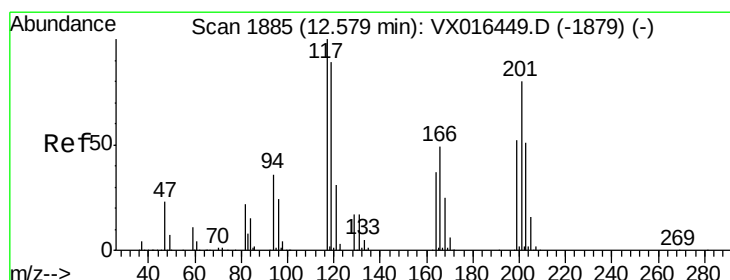
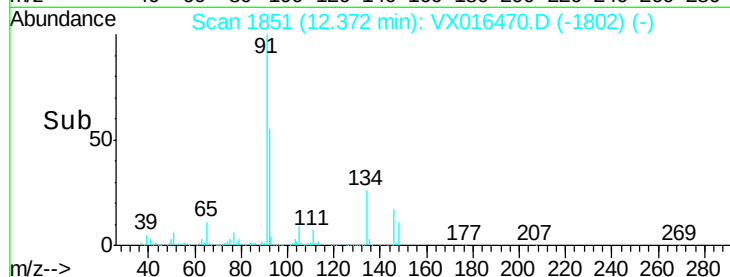
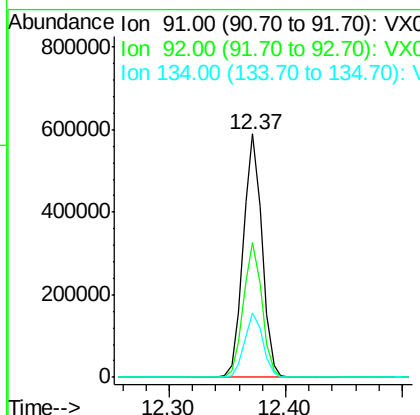
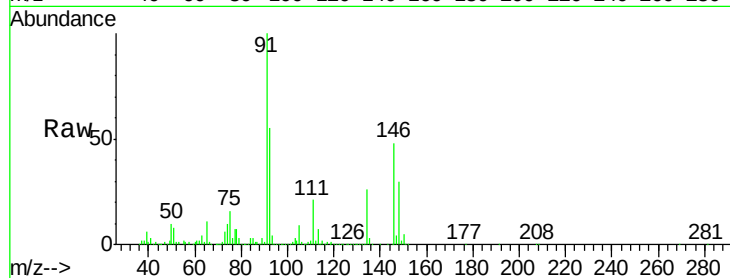
#89
n-Butylbenzene
Concen: 47.592 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.5
134	26.2	13.1	39.3

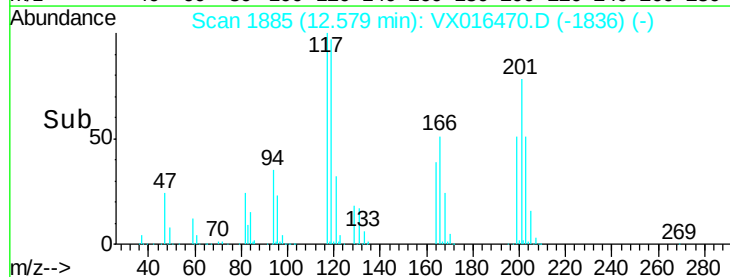
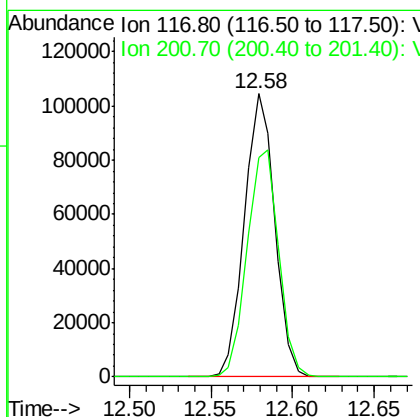
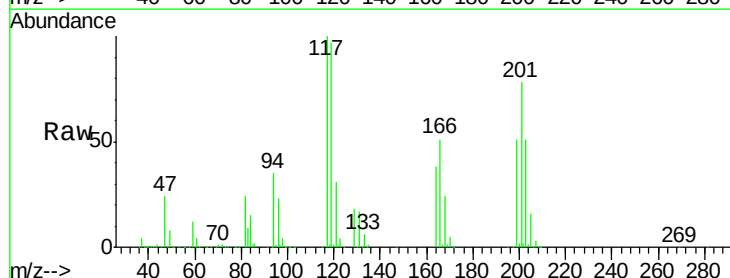
Manual Integrations
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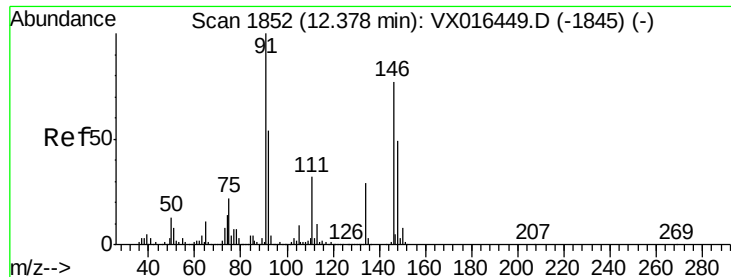
MMDadoda
5/28/2020 2:10:38 PM



#90
Hexachloroethane
Concen: 47.212 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016470.D
Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	43.1	129.3





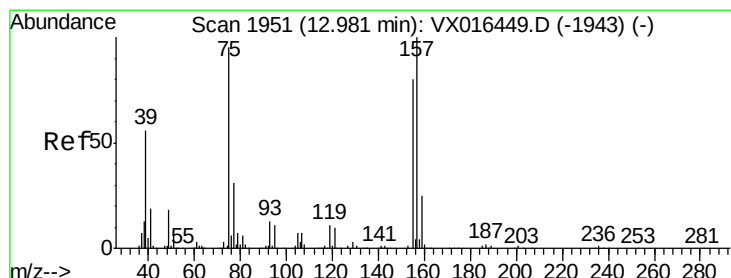
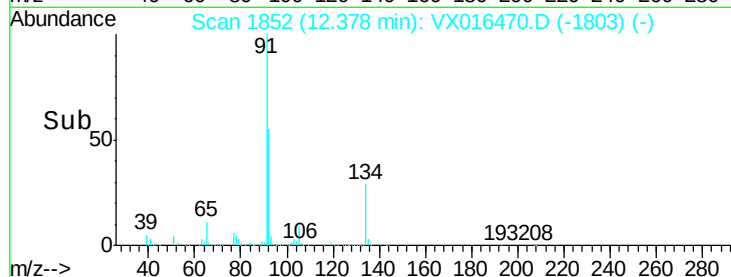
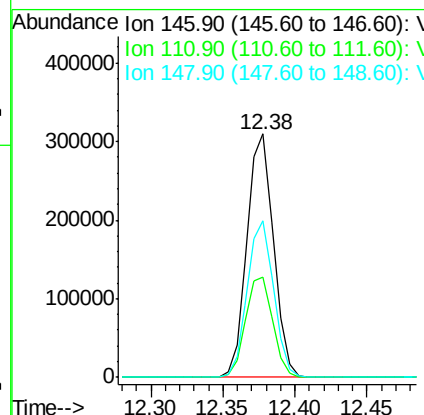
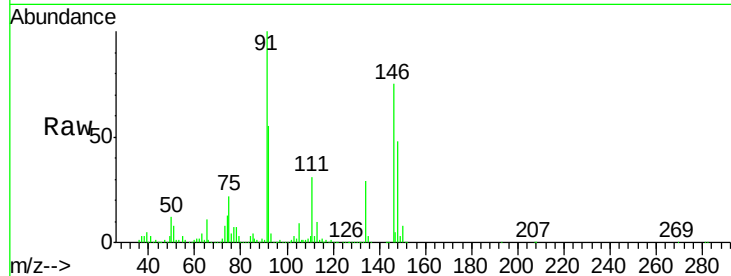
#91
 1,2-Dichlorobenzene
 Concen: 45.063 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.4	64.3
148	64.0	31.9	95.7

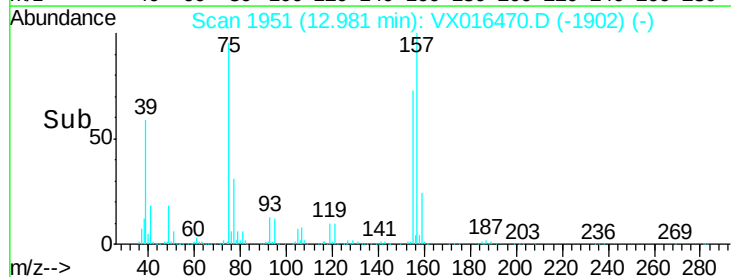
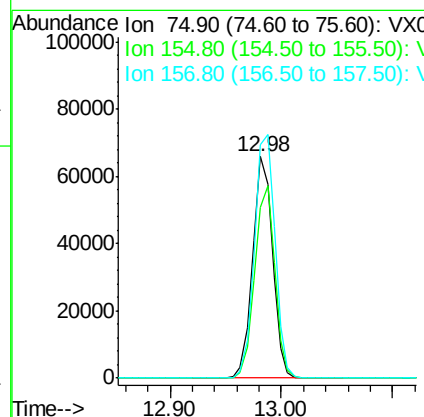
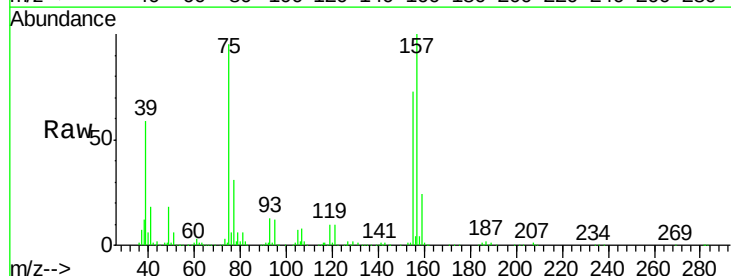
Manual Integrations
 APPROVED

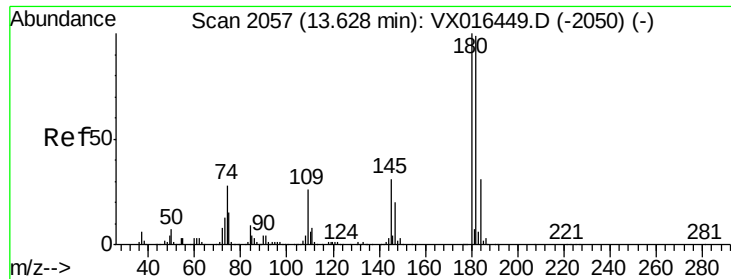
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.992 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	44.1	132.4
157	113.6	57.8	173.3





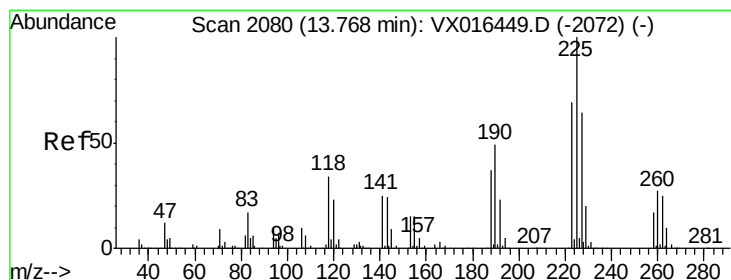
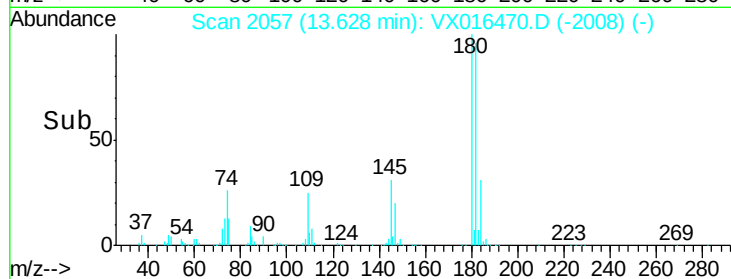
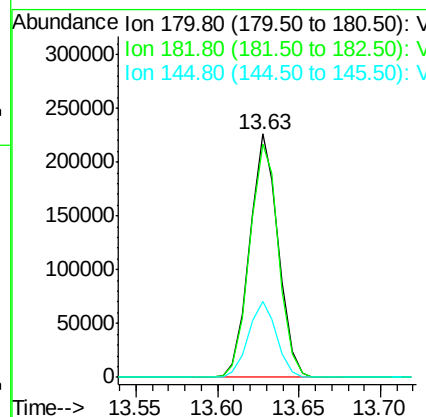
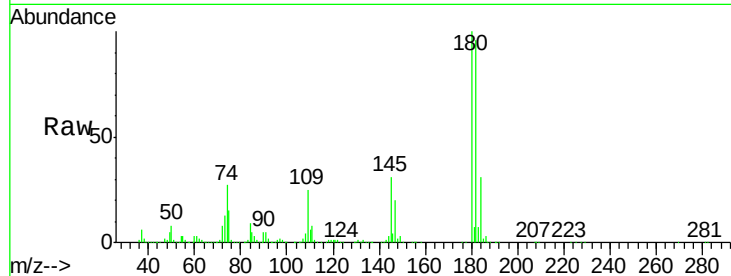
#93
 1,2,4-Trichlorobenzene
 Concen: 47.236 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	274563		
182	97.4	48.3	144.8	
145	30.8	15.4	46.2	

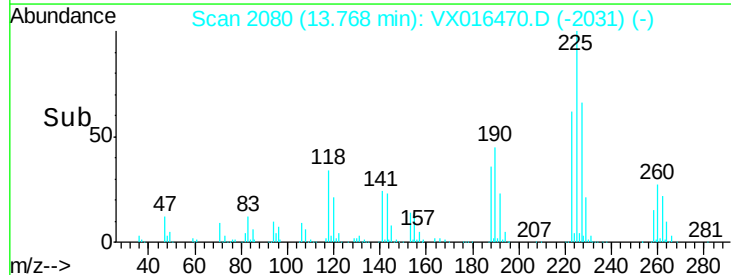
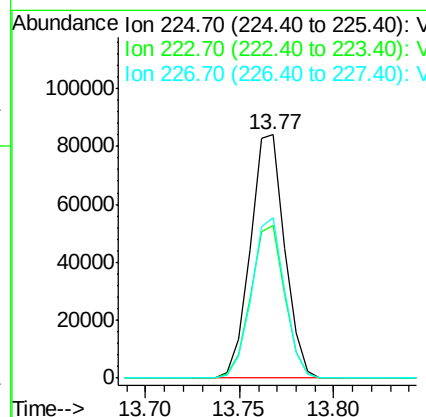
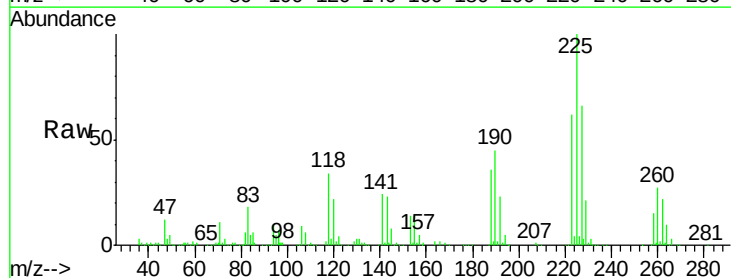
Manual Integrations
 APPROVED

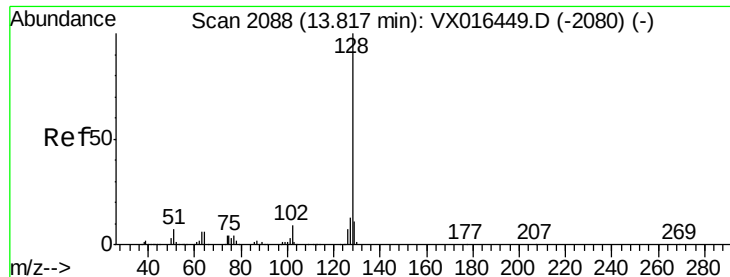
MMDadoda
 5/28/2020 2:10:38 PM



#94
 Hexachlorobutadiene
 Concen: 46.459 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016470.D
 Acq: 28 May 2020 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106027		
223	62.2	32.3	96.8	
227	63.5	31.6	94.7	





#95

Naphthalene

Concen: 49.383 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Instrument :

MSVOA_X

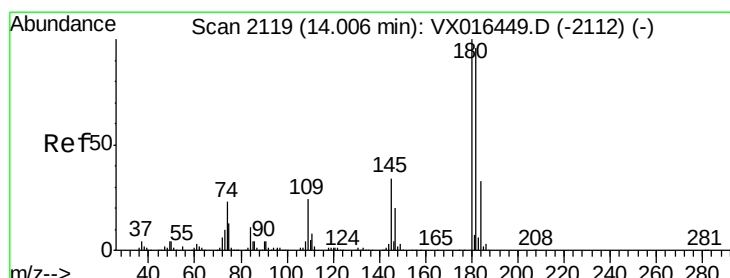
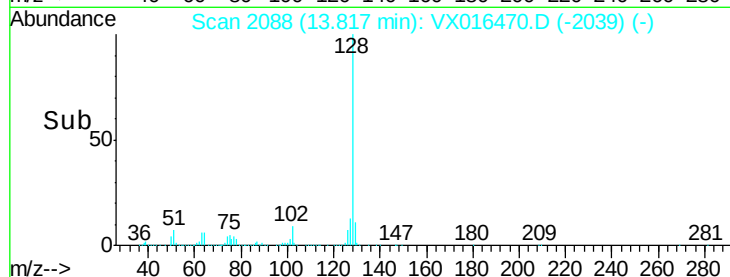
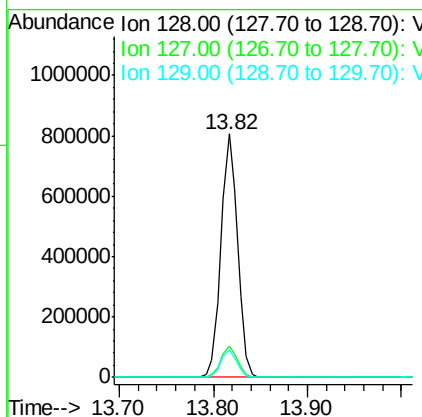
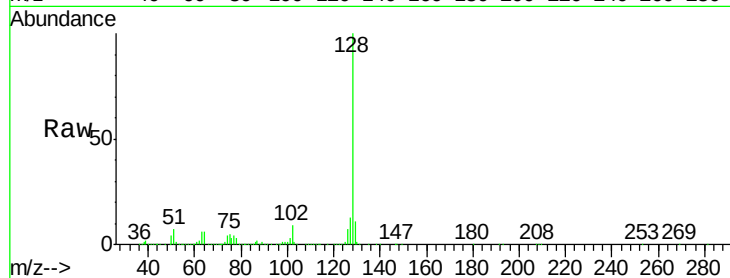
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	984027
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:38 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.983 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016470.D

Acq: 28 May 2020 00:45

Tgt Ion:	180	Resp:	273242
Ion Ratio		Lower	Upper
180	100		
182	96.7	48.6	145.8
145	31.3	16.6	49.8

