

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016749.D
 Acq On : 15 Jun 2020 12:18
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 6/16/2020 3:23:10 PM

Quant Time: Jun 15 12:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	142150	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.46	113	116463	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.70	98	442633	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	167603	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	149366	57.531	ug/l	100
3) Chloromethane	1.31	50	137752	45.454	ug/l	100
4) Vinyl Chloride	1.39	62	153226	47.562	ug/l	100
5) Bromomethane	1.62	94	87045	53.506	ug/l	100
6) Chloroethane	1.71	64	92384	49.024	ug/l	100
7) Trichlorofluoromethane	1.92	101	228015	52.931	ug/l	100
8) Diethyl Ether	2.17	74	81454	46.184	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114380	48.970	ug/l	100
10) Methyl Iodide	2.49	142	140669	55.134	ug/l	100
11) Tert butyl alcohol	3.01	59	173113	217.792	ug/l	100
12) 1,1-Dichloroethene	2.36	96	120282	48.551	ug/l	100
13) Acrolein	2.27	56	72610	212.189	ug/l	100
14) Allyl chloride	2.71	41	188925	42.632	ug/l	100
15) Acrylonitrile	3.12	53	355407	217.576	ug/l	100
16) Acetone	2.42	43	299514	219.282	ug/l	100
17) Carbon Disulfide	2.55	76	346714	47.460	ug/l	100
18) Methyl Acetate	2.75	43	173901	48.717	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	414640	47.184	ug/l	100
20) Methylene Chloride	2.84	84	131997	45.982	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	130319	47.791	ug/l	100
22) Diisopropyl ether	3.82	45	362324	42.741	ug/l	100
23) Vinyl Acetate	3.78	43	1556429	211.304	ug/l	100
24) 1,1-Dichloroethane	3.67	63	223815	46.053	ug/l	100
25) 2-Butanone	4.64	43	480480	209.994	ug/l	100
26) 2,2-Dichloropropane	4.55	77	209978	51.260	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	145423	46.327	ug/l	100
28) Bromochloromethane	4.98	49	91055	40.595	ug/l	100
29) Tetrahydrofuran	5.09	42	310547	210.406	ug/l	100
30) Chloroform	5.18	83	235793	47.749	ug/l	100
31) Cyclohexane	5.55	56	189642	43.829	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	224053	49.799	ug/l	100
36) 1,1-Dichloropropene	5.77	75	175270	48.329	ug/l	100
37) Ethyl Acetate	4.79	43	182509	42.896	ug/l	100
38) Carbon Tetrachloride	5.76	117	201444	52.142	ug/l	100

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Manual Integrations
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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	196825	49.752	ug/l	100
40) Benzene	6.12	78	519378	48.199	ug/l	100
41) Methacrylonitrile	5.01	41	97364	41.654	ug/l	100
42) 1,2-Dichloroethane	6.17	62	186577	48.626	ug/l	100
43) Isopropyl Acetate	6.42	43	290881	43.715	ug/l	100
44) Trichloroethene	7.19	130	160673	46.931	ug/l	100
45) 1,2-Dichloropropane	7.49	63	128113	46.942	ug/l	100
46) Dibromomethane	7.64	93	91080	49.186	ug/l	100
47) Bromodichloromethane	7.88	83	192260	50.097	ug/l	100
48) Methyl methacrylate	7.74	41	139723	43.944	ug/l	100
49) 1,4-Dioxane	7.71	88	69349	923.716	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	924019	223.569	ug/l	100
52) Toluene	8.76	92	338735	49.613	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	220340	50.491	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	226883	49.304	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	135379	49.751	ug/l	100
56) Ethyl methacrylate	9.16	69	211740	48.418	ug/l	100
57) 1,3-Dichloropropane	9.35	76	223995	48.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	529092	231.990	ug/l	100
59) 2-Hexanone	9.47	43	722629	225.117	ug/l	100
60) Dibromochloromethane	9.57	129	163675	53.008	ug/l	100
61) 1,2-Dibromoethane	9.65	107	149470	51.097	ug/l	100
64) Tetrachloroethene	9.32	164	175154	43.697	ug/l	100
65) Chlorobenzene	10.12	112	368975	49.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148689	51.848	ug/l	100
67) Ethyl Benzene	10.24	91	643588	48.887	ug/l	100
68) m/p-Xylenes	10.34	106	499167	101.722	ug/l	100
69) o-Xylene	10.68	106	238832	50.216	ug/l	100
70) Styrene	10.70	104	417419	51.184	ug/l	100
71) Bromoform	10.84	173	127846	52.987	ug/l	100
73) Isopropylbenzene	11.00	105	638851	49.130	ug/l	100
74) N-amyl acetate	10.88	43	248505	42.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	174839	53.038	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	191658m	46.833	ug/l	
77) Bromobenzene	11.24	156	170393	49.599	ug/l	100
78) n-propylbenzene	11.34	91	702295	48.554	ug/l	100
79) 2-Chlorotoluene	11.40	91	425647	48.154	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	539408	49.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	77355	46.598	ug/l	100
82) 4-Chlorotoluene	11.49	91	494660	47.524	ug/l	100
83) tert-Butylbenzene	11.76	119	490693	52.390	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	542913	49.493	ug/l	100
85) sec-Butylbenzene	11.93	105	586764	50.254	ug/l	100
86) p-Isopropyltoluene	12.05	119	563062	51.364	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	293907	49.516	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	297950	49.079	ug/l	100
89) n-Butylbenzene	12.37	91	460244	50.602	ug/l	100
90) Hexachloroethane	12.58	117	98325	51.754	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	285481	49.541	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49676	47.292	ug/l	100

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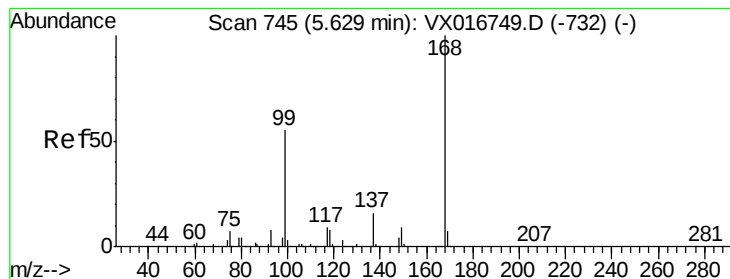
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	198291	51.616	ug/l	100
94) Hexachlorobutadiene	13.77	225	90581	57.977	ug/l	100
95) Naphthalene	13.82	128	661882	50.634	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	199956	52.689	ug/l	100

(#) = 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: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 259467

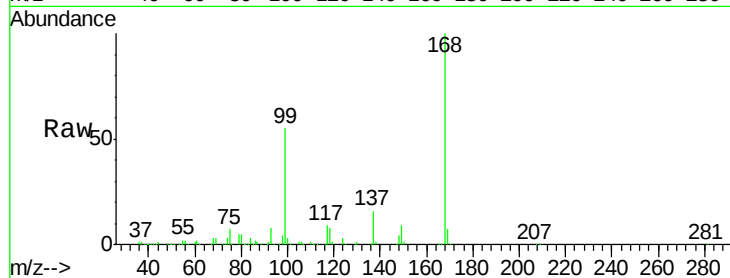
Ion Ratio Lower Upper

168 100

99 54.7 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

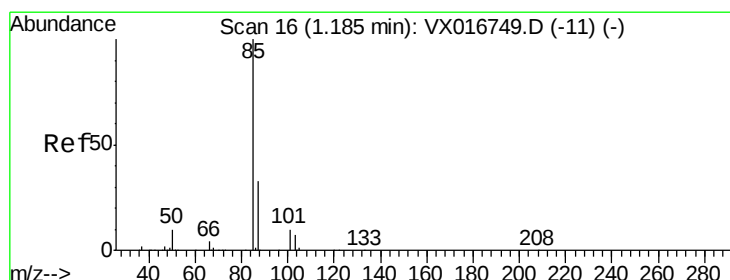
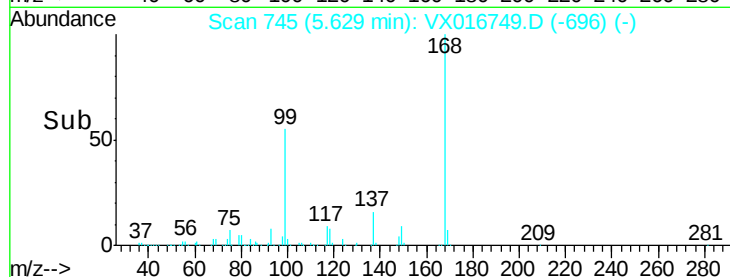
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.531 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016749.D

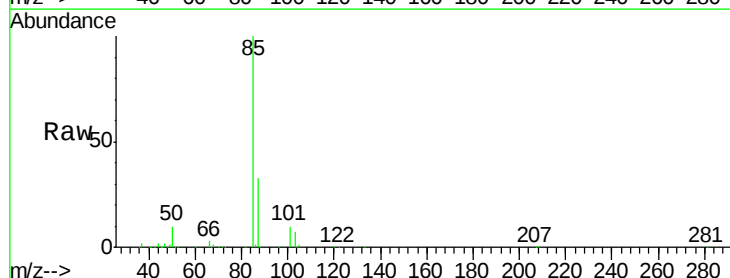
Acq: 15 Jun 2020 12:18

Tgt Ion: 85 Resp: 149366

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

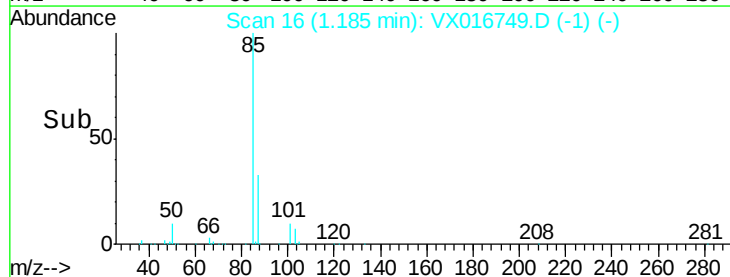
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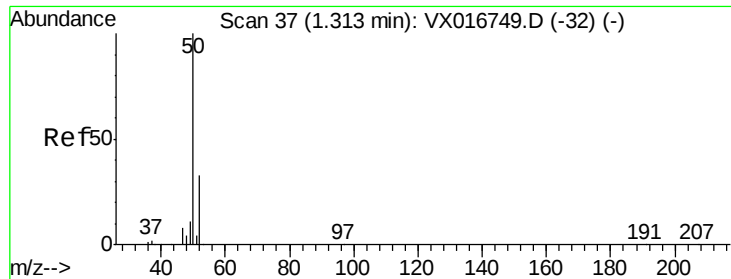
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50000

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Time-->





#3

Chloromethane

Concen: 45.454 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 137752

Ion Ratio Lower Upper

50 100

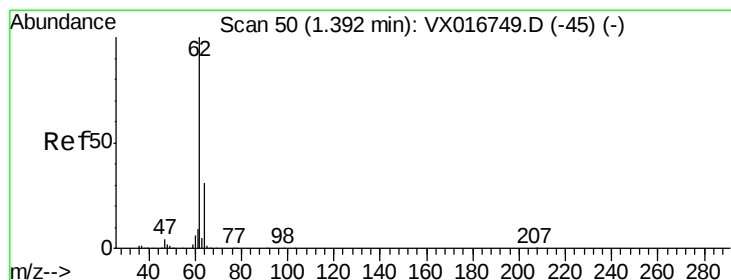
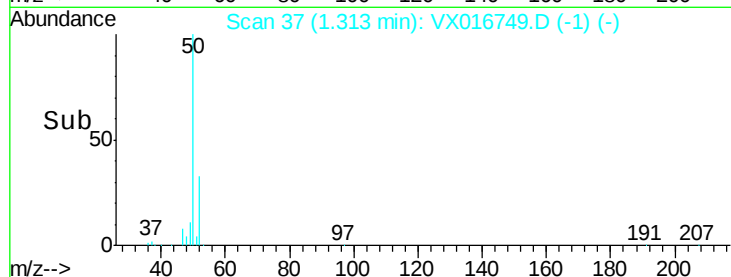
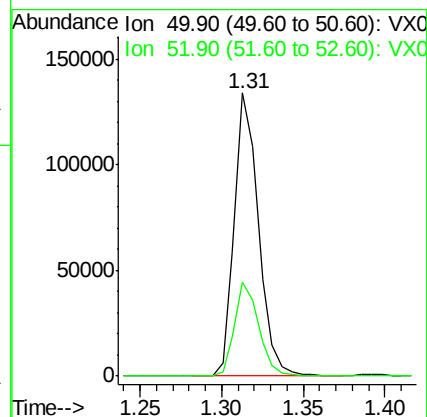
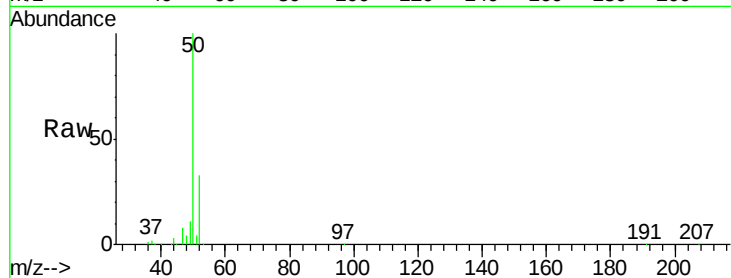
52 33.1 26.5 39.7

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#4

Vinyl Chloride

Concen: 47.562 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016749.D

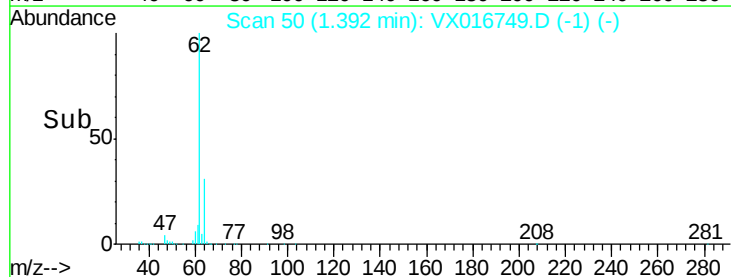
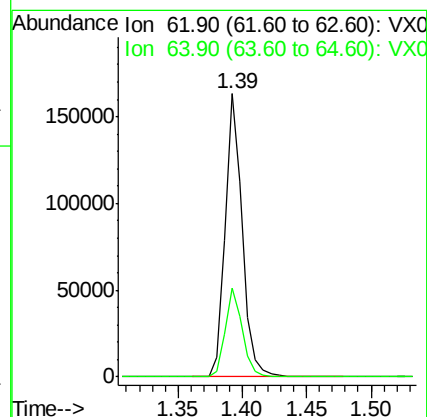
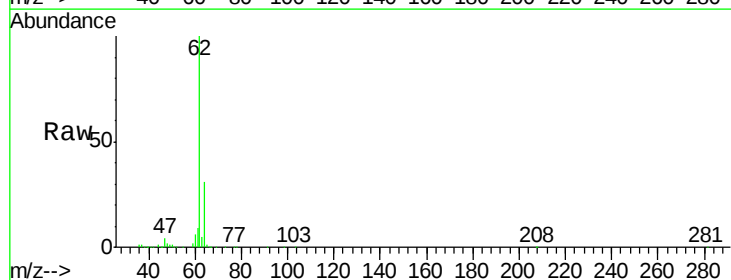
Acq: 15 Jun 2020 12:18

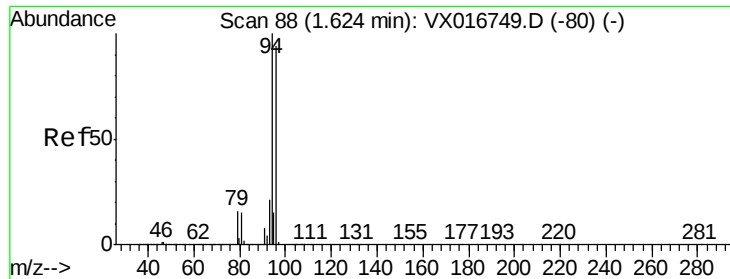
Tgt Ion: 62 Resp: 153226

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 53.506 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 87045

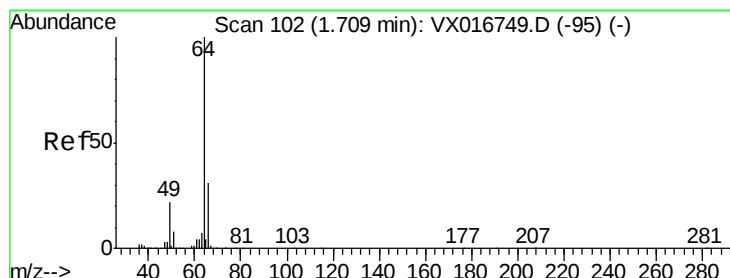
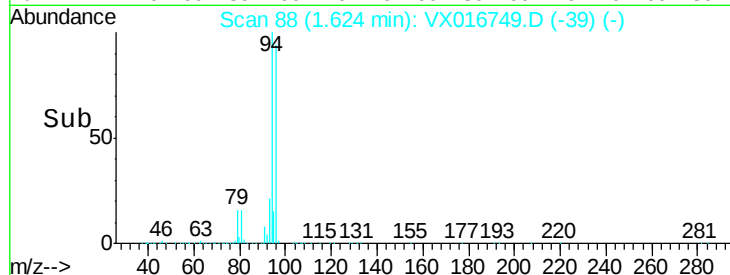
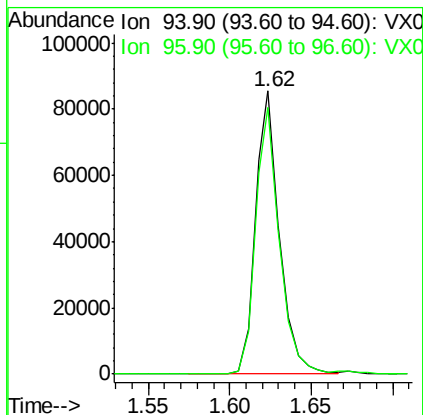
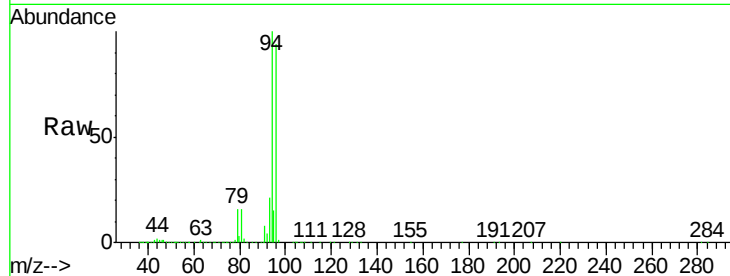
Ion Ratio Lower Upper

94 100

96 94.2 75.4 113.0

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#6

Chloroethane

Concen: 49.024 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016749.D

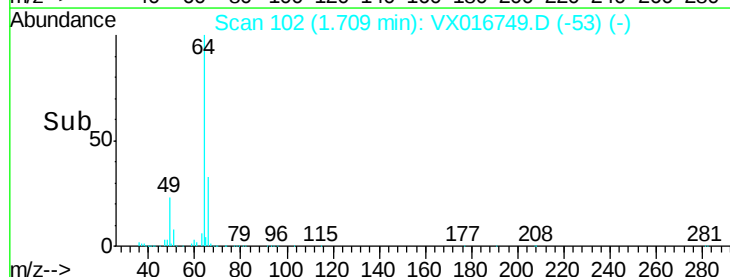
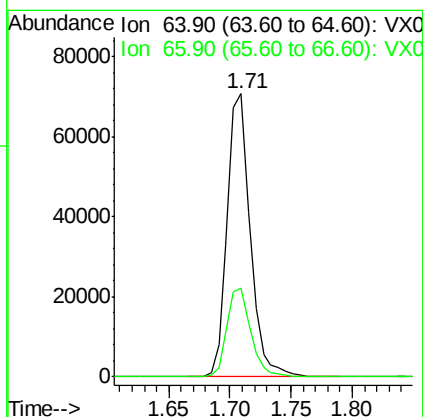
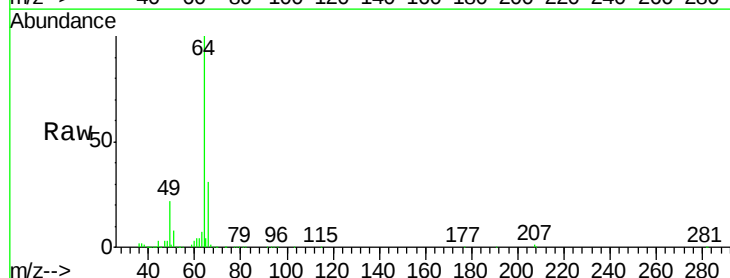
Acq: 15 Jun 2020 12:18

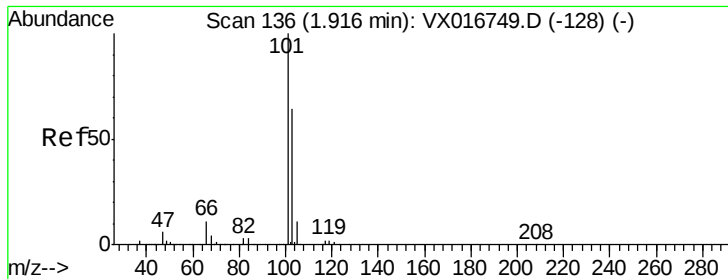
Tgt Ion: 64 Resp: 92384

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6





#7

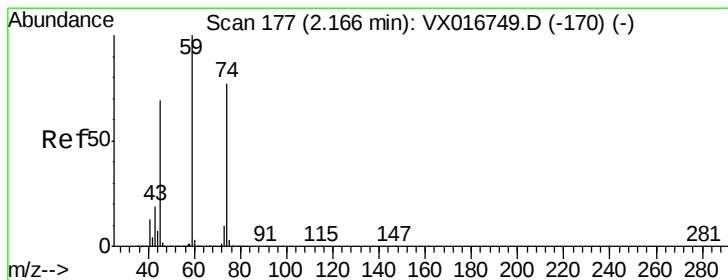
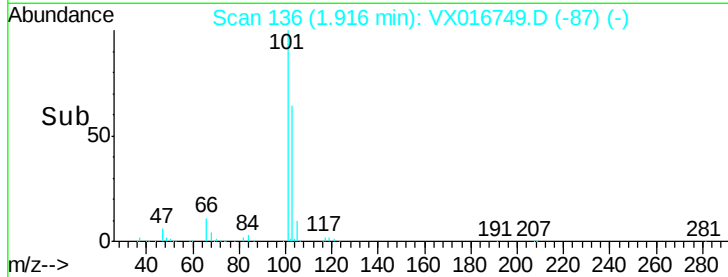
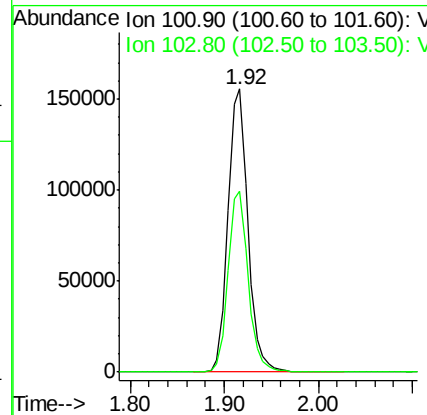
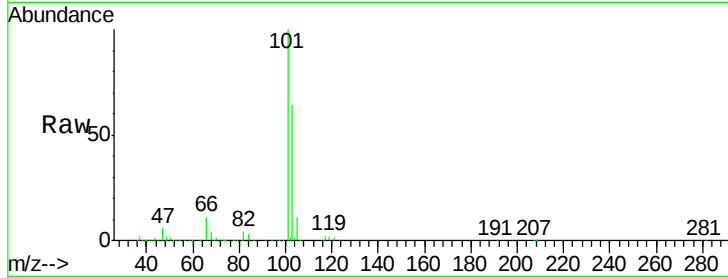
Trichlorofluoromethane
Concen: 52.931 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	228015		
103	64.1	51.3	76.9	

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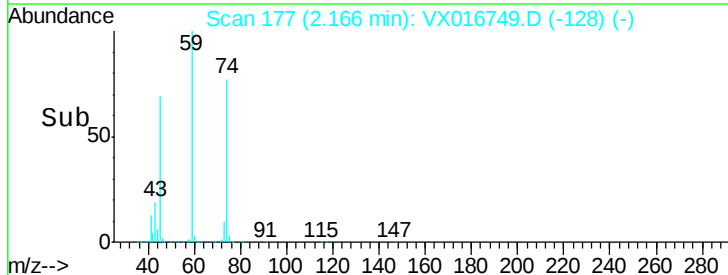
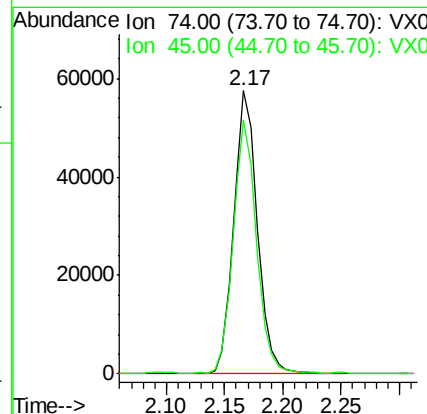
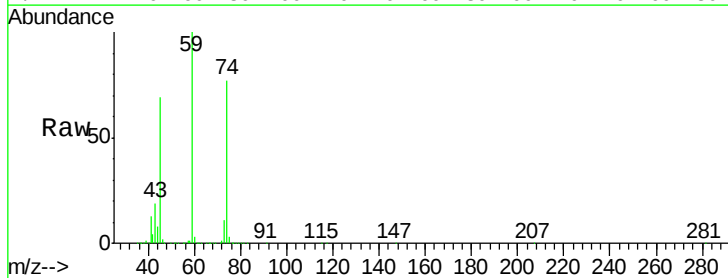
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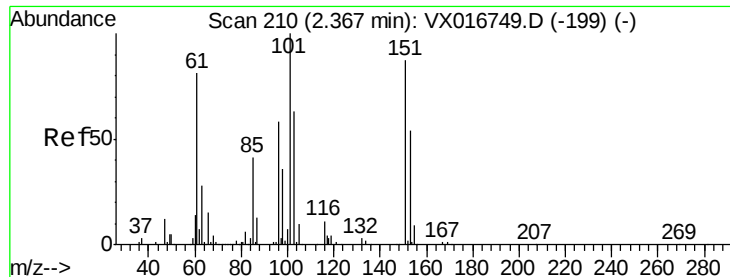


#8

Diethyl Ether
Concen: 46.184 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	81454		
45	87.1	43.5	130.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.970 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

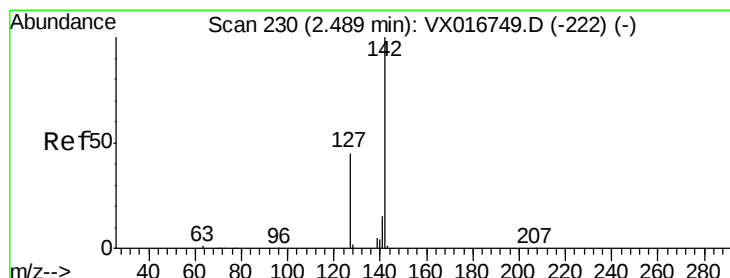
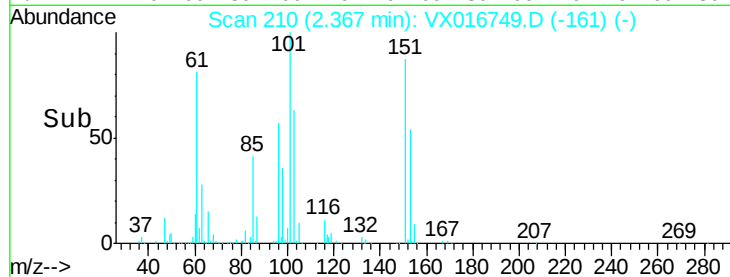
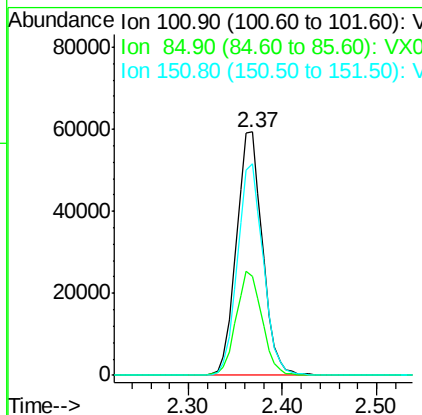
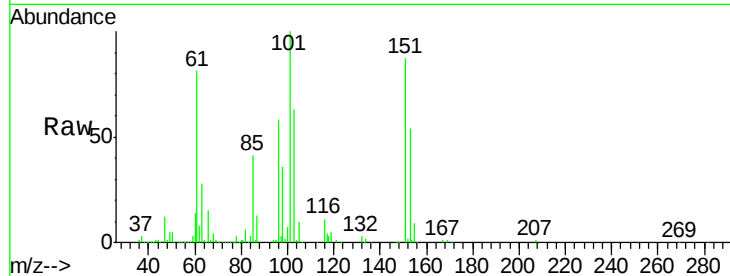
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	114380
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.0	51.0
151	85.9	68.7	103.1

Manual Integrations
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#10

Methyl Iodide

Concen: 55.134 ug/l

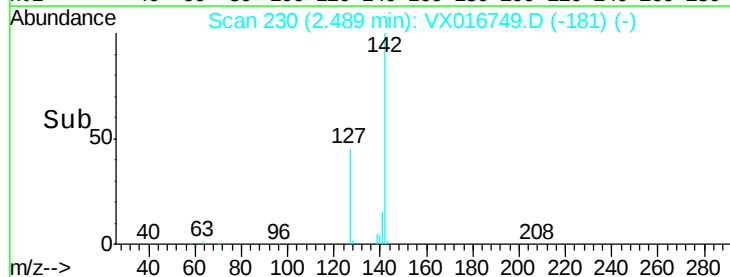
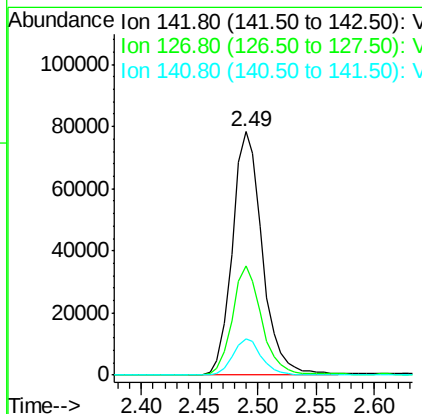
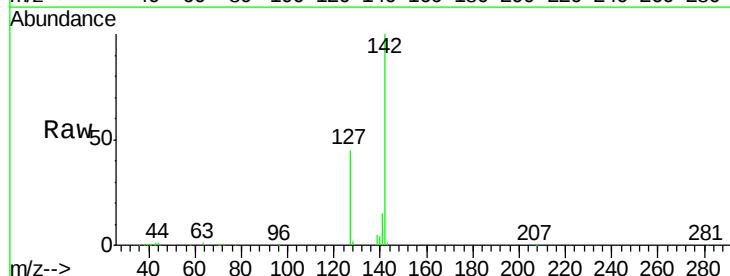
RT: 2.49 min Scan# 230

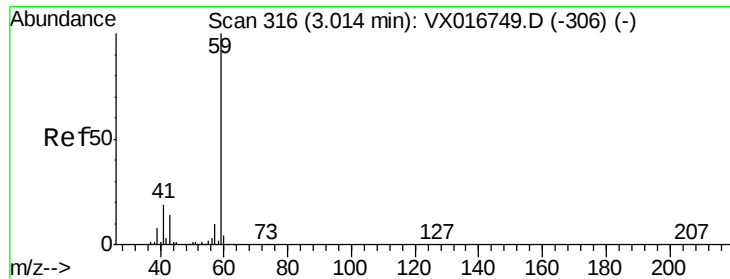
Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Tgt Ion:	142	Resp:	140669
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.4	53.2
141	14.6	11.7	17.5





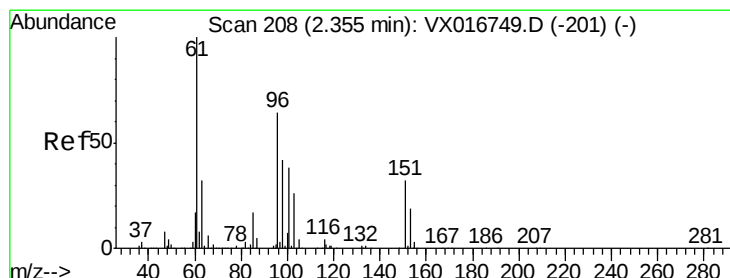
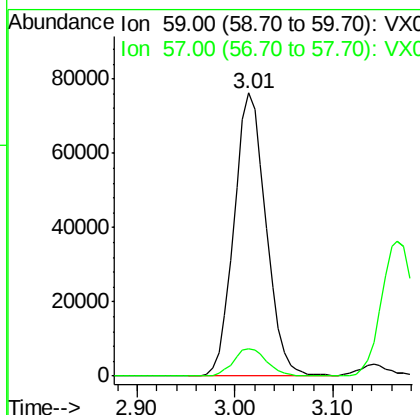
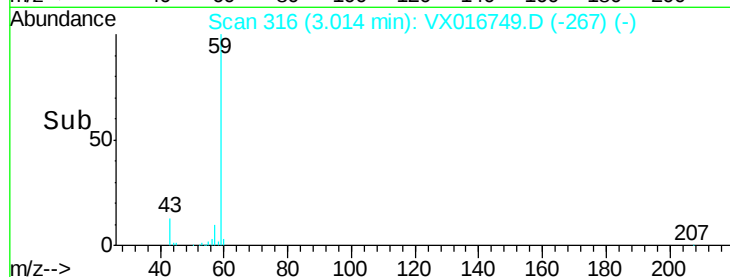
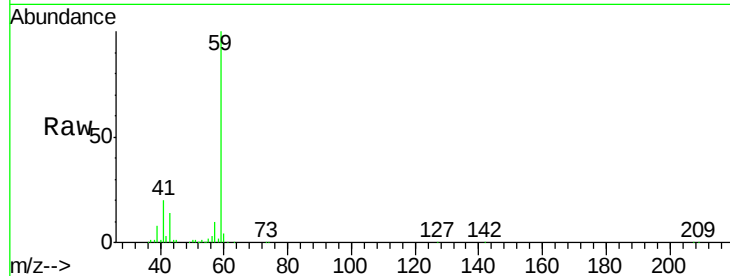
#11
Tert butyl alcohol
Concen: 217.792 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 59 Resp: 173113
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

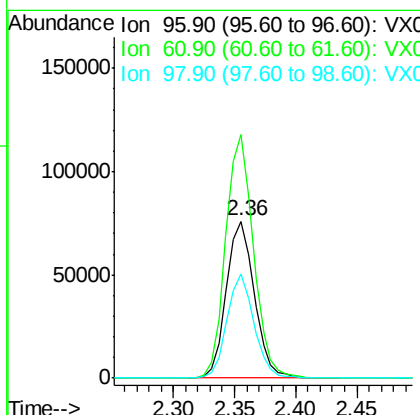
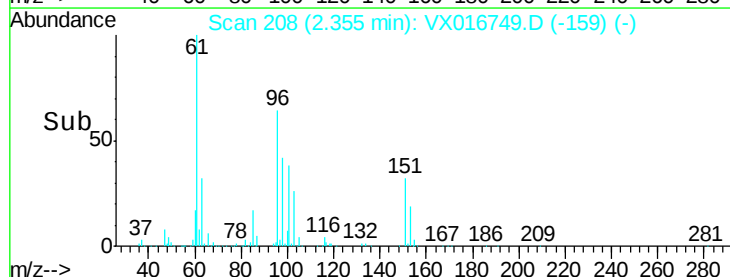
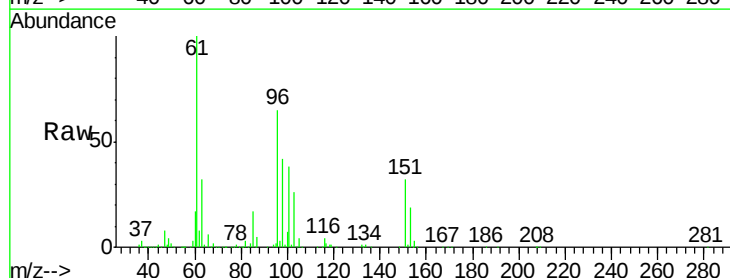
Manual Integrations
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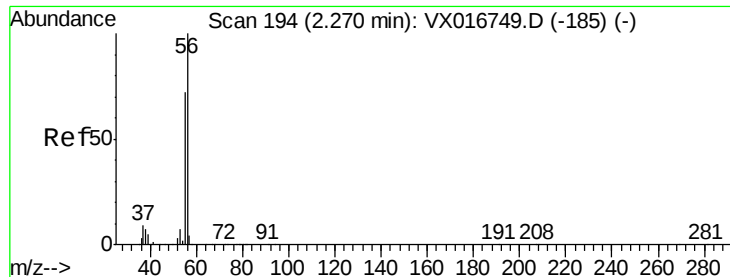
MMDadoda
6/16/2020 3:23:10 PM



#12
1,1-Dichloroethene
Concen: 48.551 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 96 Resp: 120282
Ion Ratio Lower Upper
96 100
61 155.1 124.1 186.1
98 65.9 52.7 79.1





#13

Acrolein

Concen: 212.189 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 72610

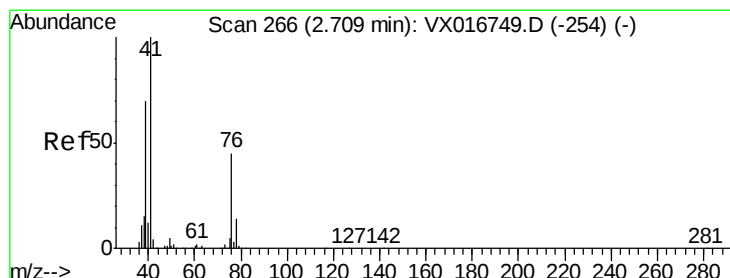
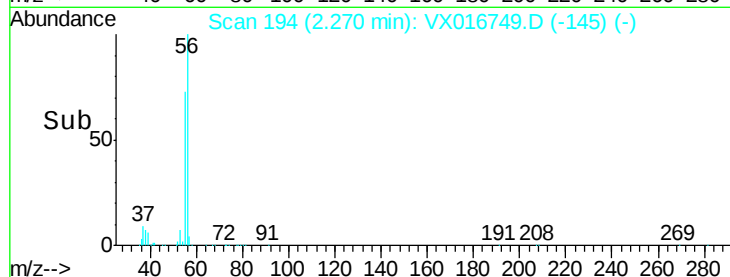
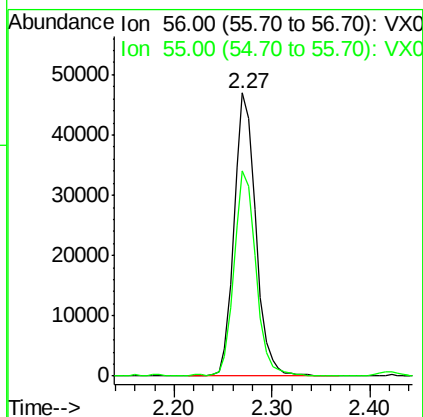
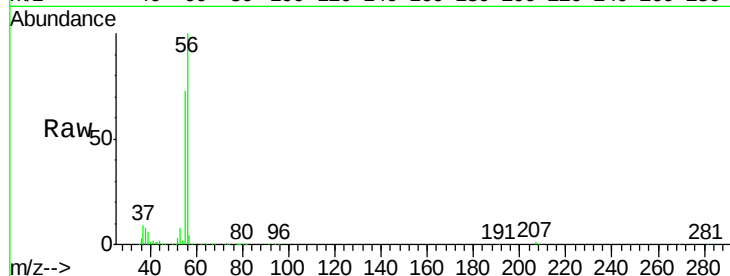
Ion Ratio Lower Upper

56 100

55 72.8 58.2 87.4

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#14

Allyl chloride

Concen: 42.632 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

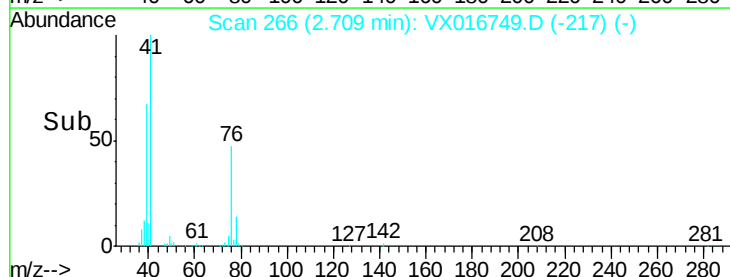
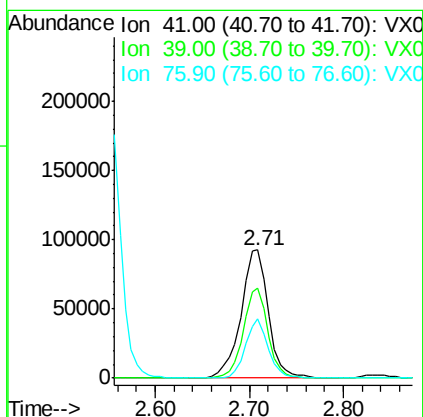
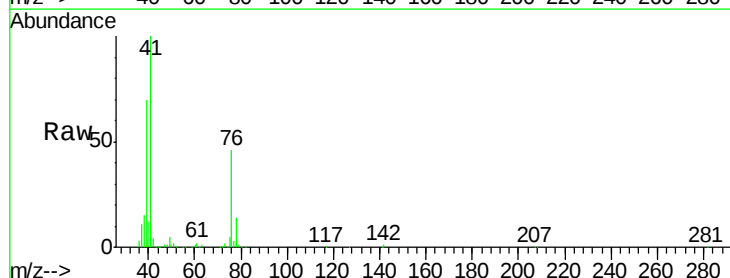
Tgt Ion: 41 Resp: 188925

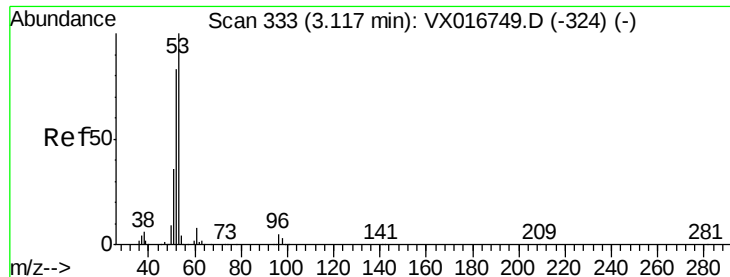
Ion Ratio Lower Upper

41 100

39 62.8 50.2 75.4

76 38.0 30.4 45.6





#15

Acrylonitrile

Concen: 217.576 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

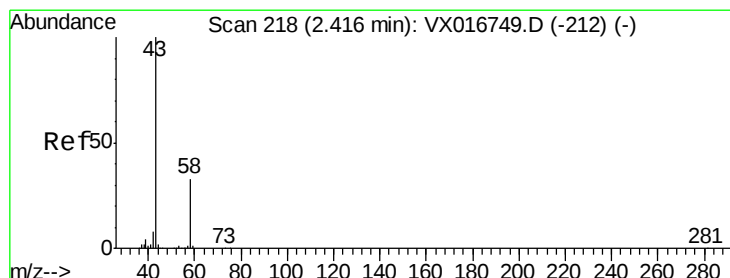
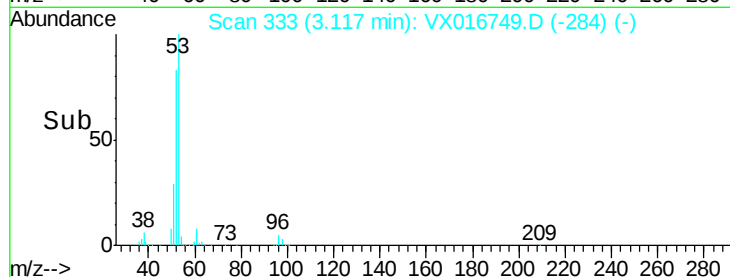
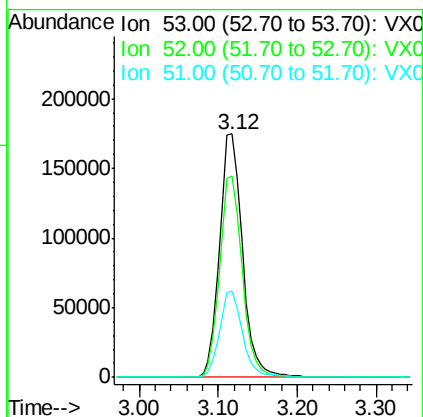
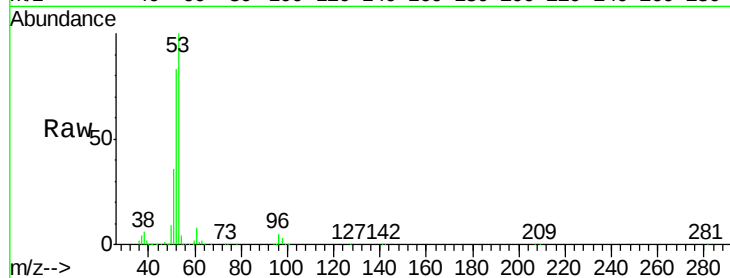
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	355407
Ion Ratio		Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 219.282 ug/l

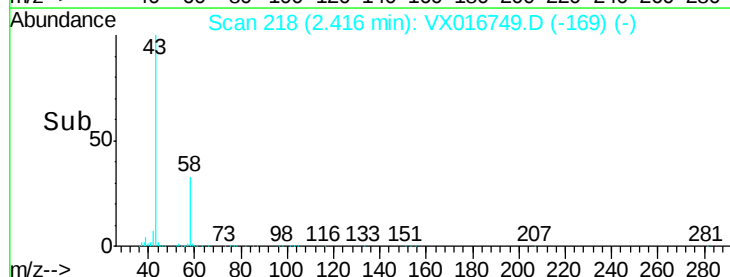
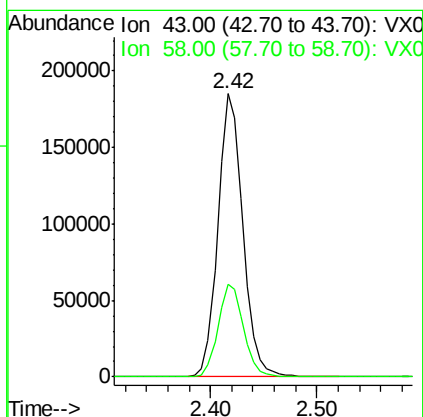
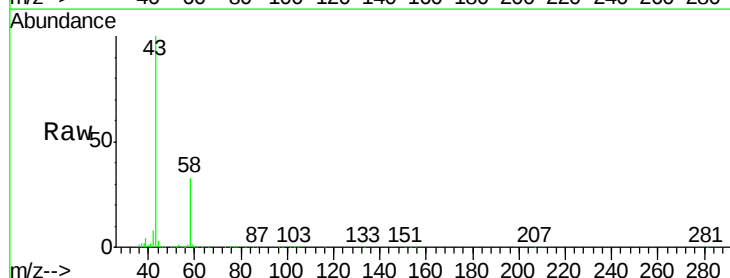
RT: 2.42 min Scan# 218

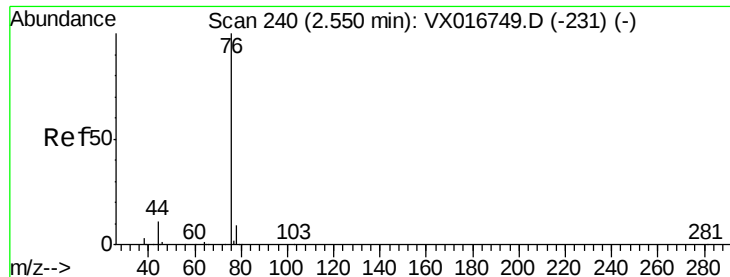
Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Tgt Ion:	43	Resp:	299514
Ion Ratio		Lower	Upper
43	100		
58	32.9	26.3	39.5





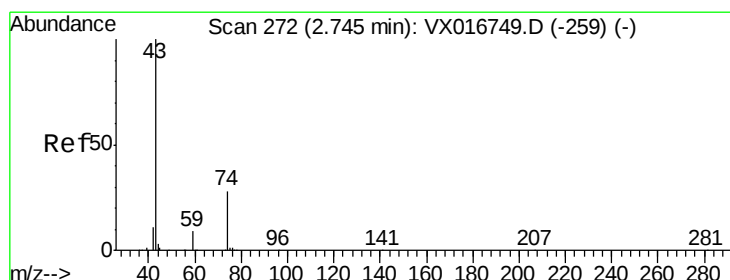
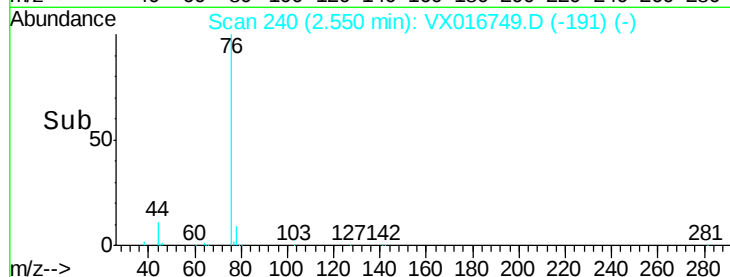
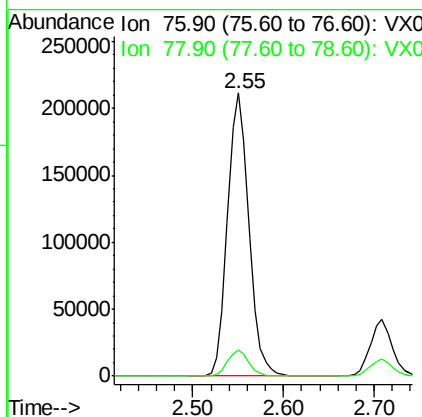
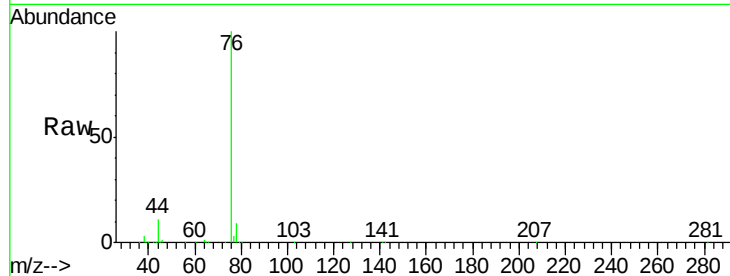
#17
Carbon Disulfide
Concen: 47.460 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

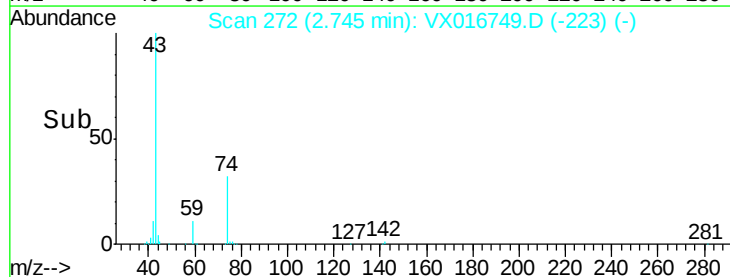
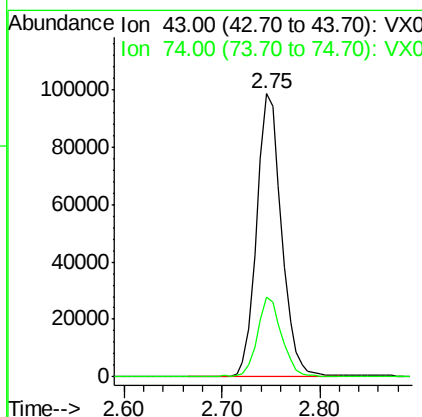
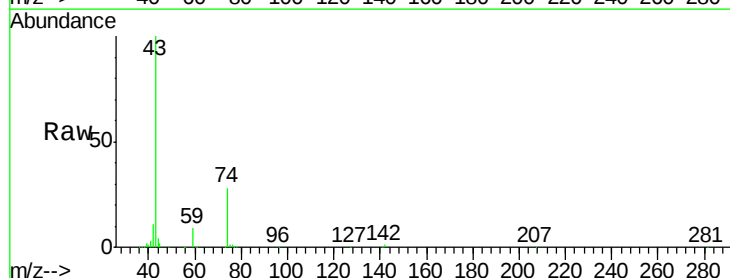
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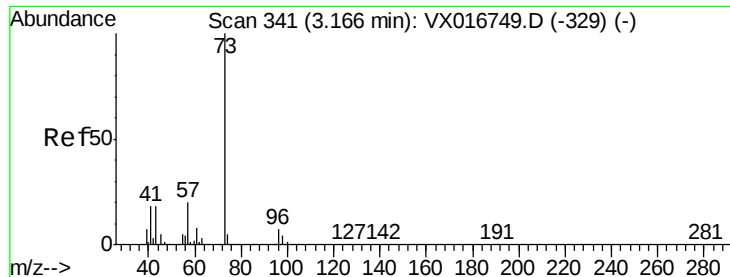
MMDadoda
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#18
Methyl Acetate
Concen: 48.717 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	22.4	33.6





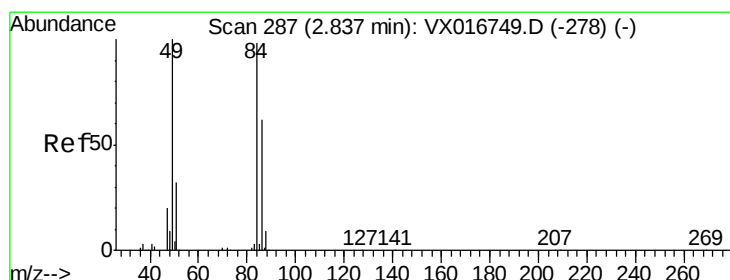
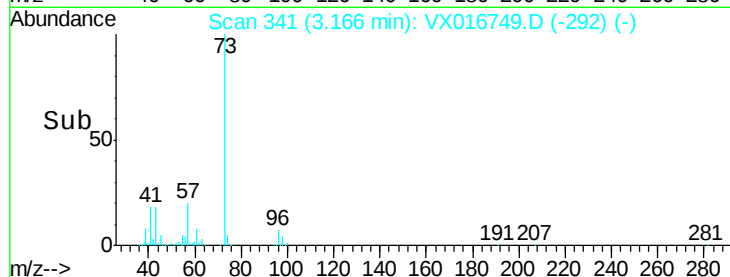
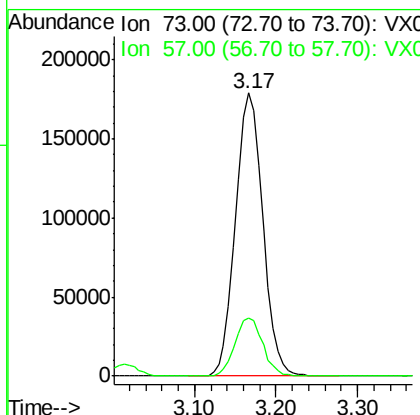
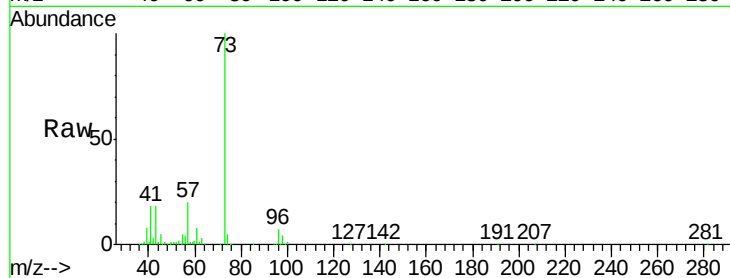
#19
Methvl tert-butvl Ether
Concen: 47.184 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 414640
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4

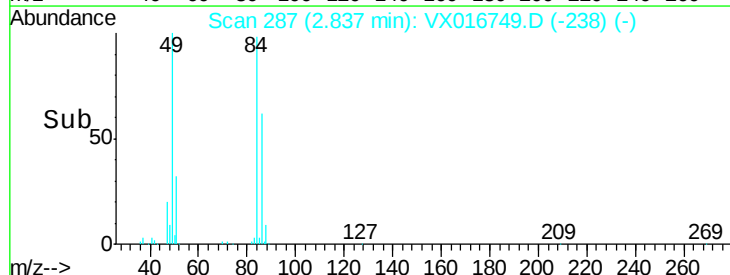
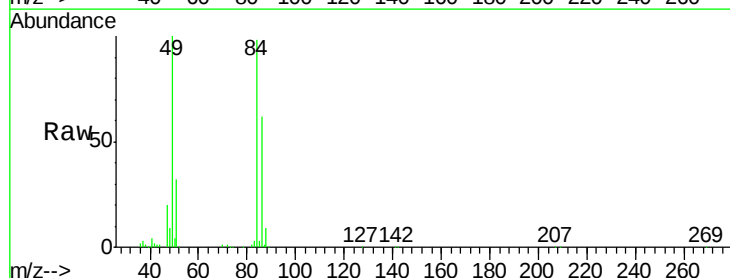
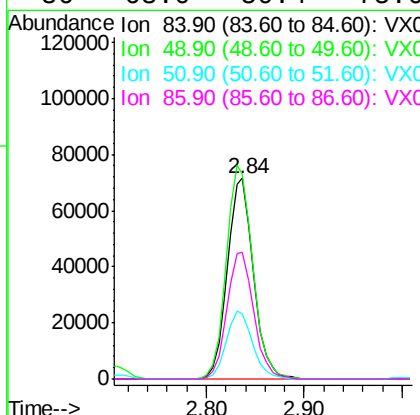
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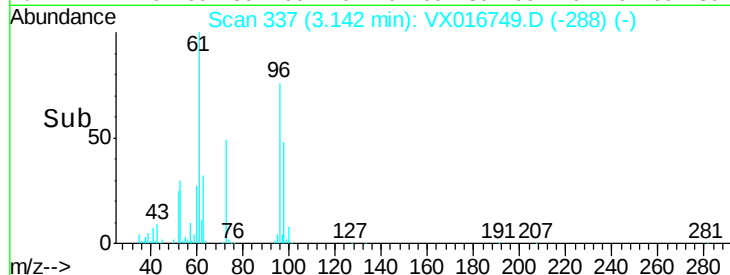
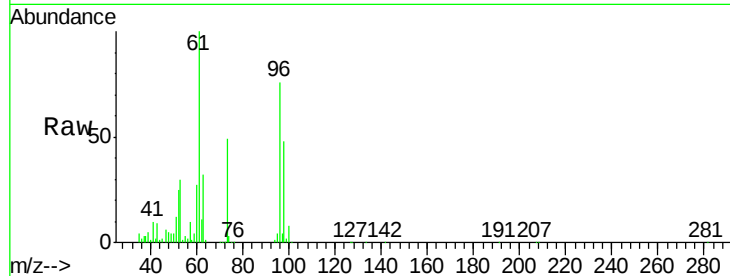
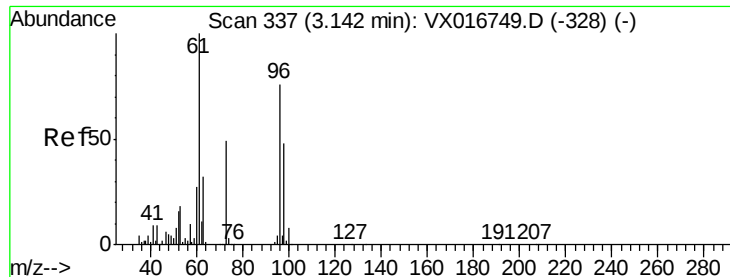
MMDadoda
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#20
Methylene Chloride
Concen: 45.982 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 84 Resp: 131997
Ion Ratio Lower Upper
84 100
49 102.3 81.8 122.8
51 32.3 25.8 38.8
86 63.0 50.4 75.6





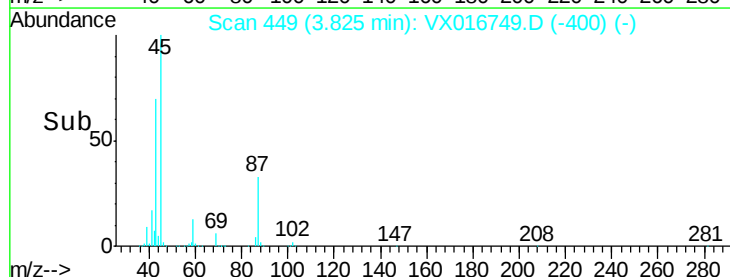
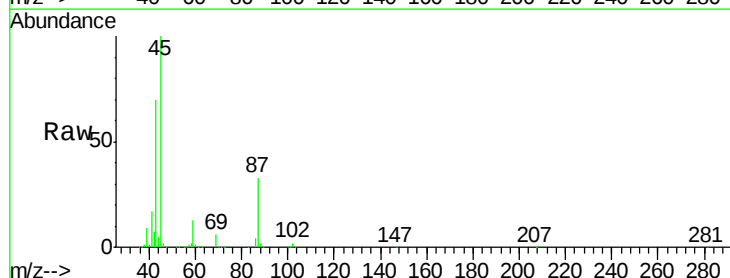
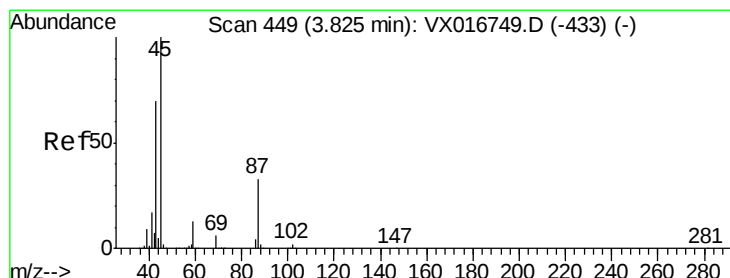
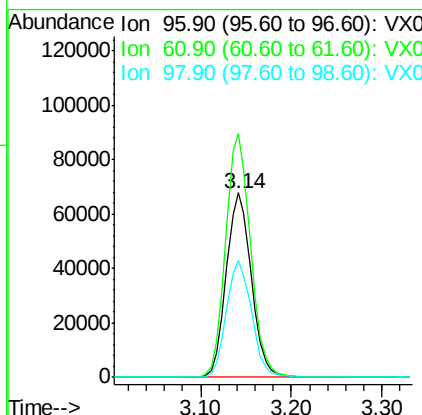
#21
trans-1,2-Dichloroethene
Concen: 47.791 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.8	105.4	158.2
98	63.5	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

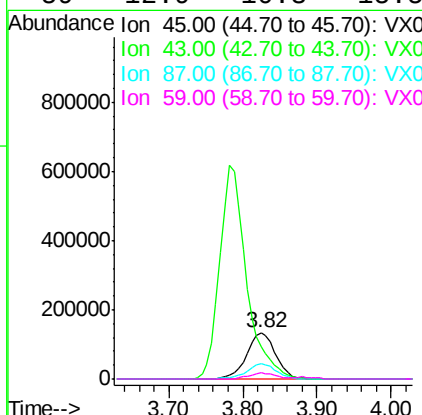
Manual Integrations
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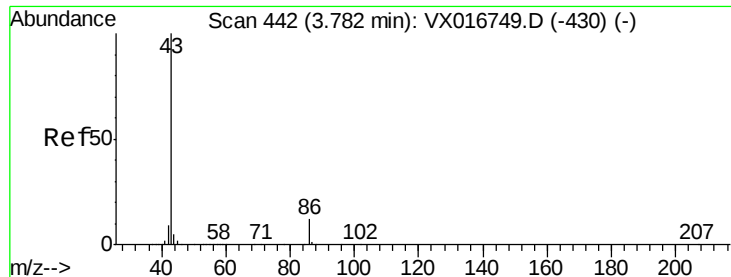
MMDadoda
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#22
Diisopropyl ether
Concen: 42.741 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.3	56.2	84.4
87	32.8	26.2	39.4
59	12.9	10.3	15.5





#23

Vinyl Acetate

Concen: 211.304 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1556429

Ion Ratio Lower Upper

43 100

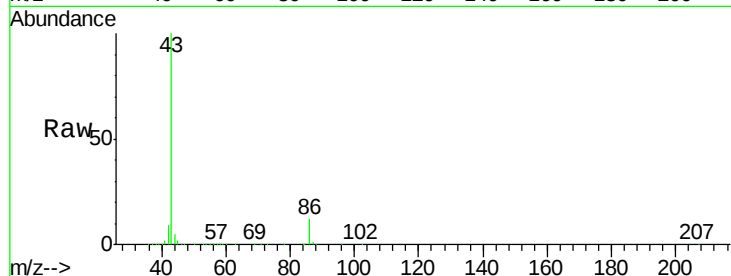
86 12.3 9.8 14.8

Manual Integrations

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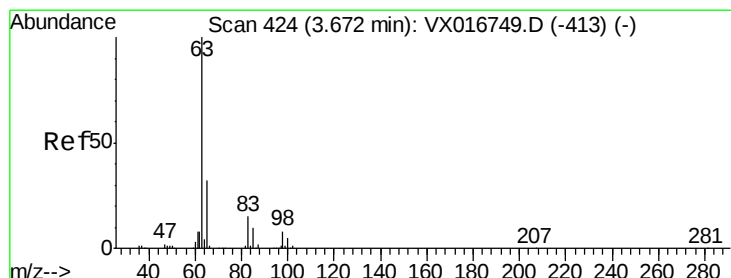
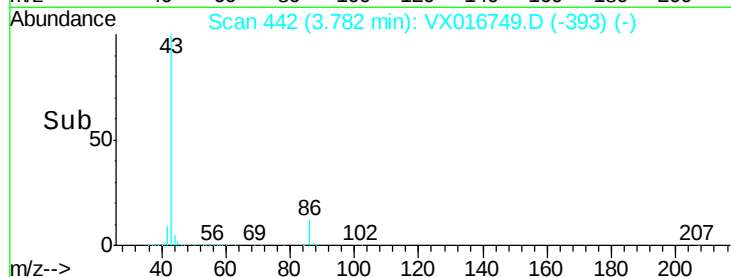
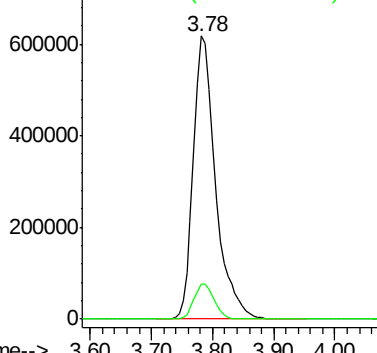
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.053 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

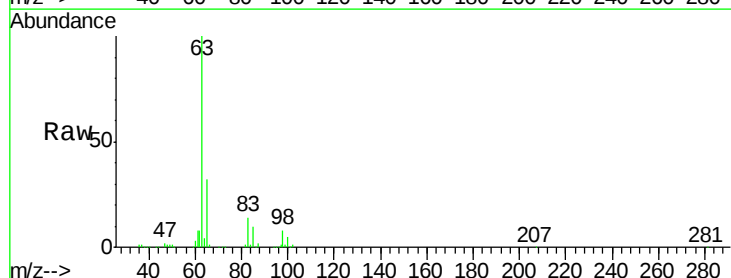
Tgt Ion: 63 Resp: 223815

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

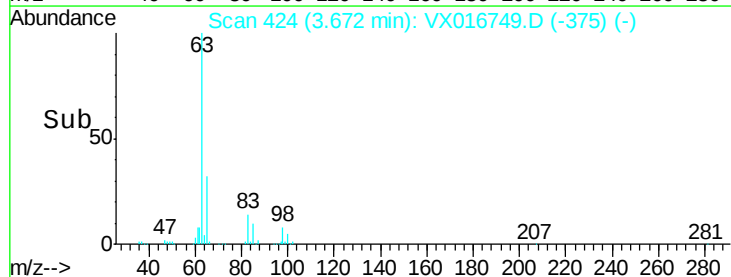
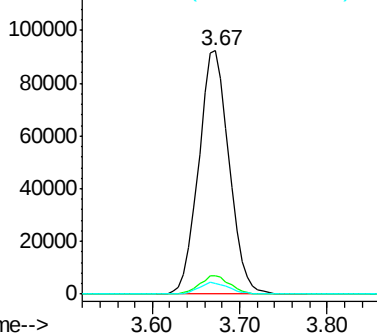
100 4.6 2.3 6.9

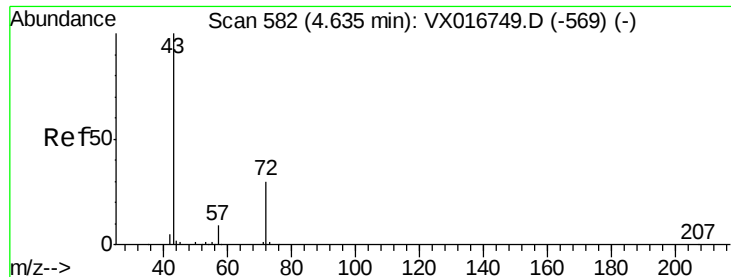


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 209.994 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 480480

Ion Ratio Lower Upper

43 100

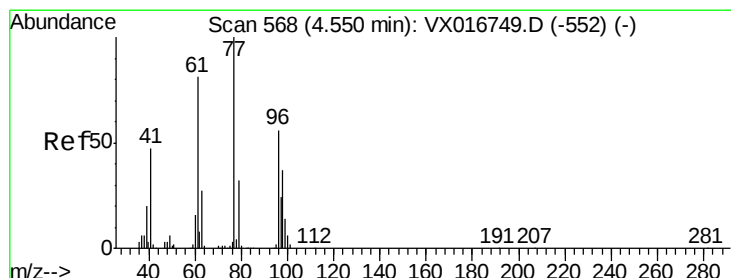
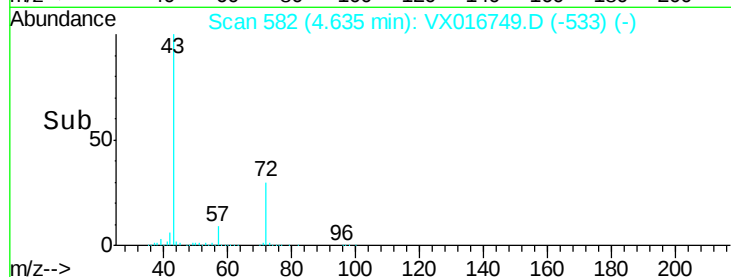
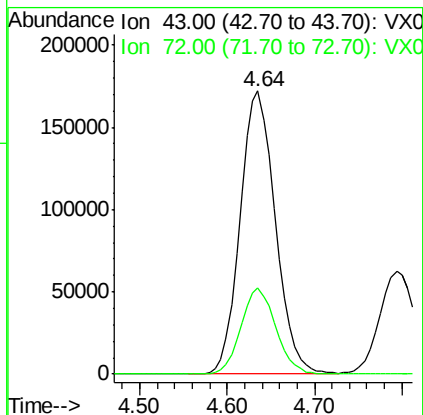
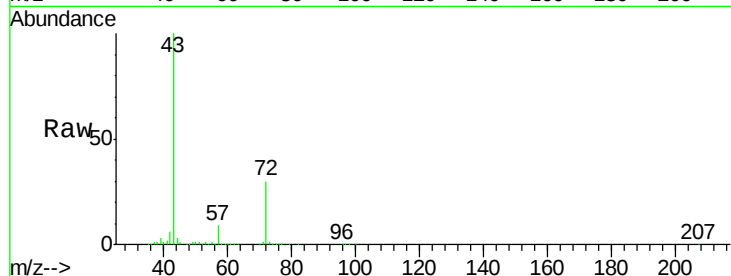
72 30.3 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.260 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016749.D

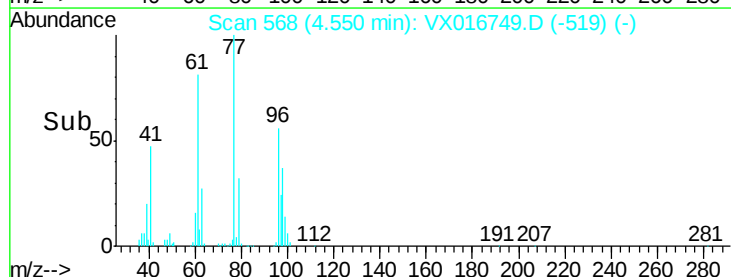
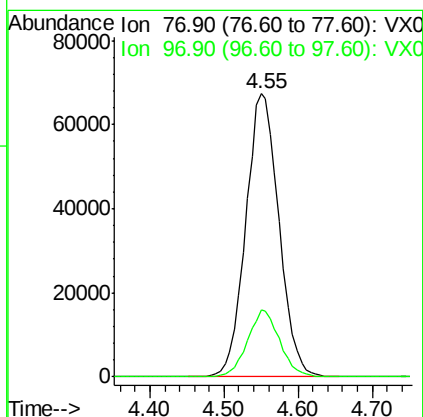
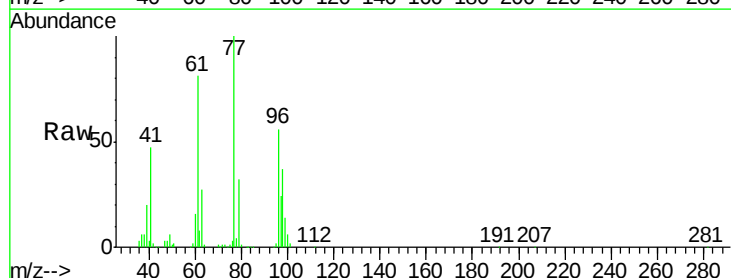
Acq: 15 Jun 2020 12:18

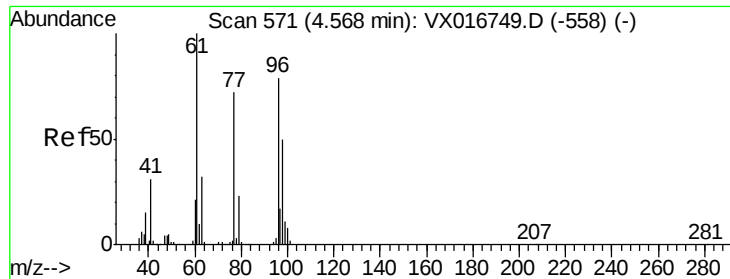
Tgt Ion: 77 Resp: 209978

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

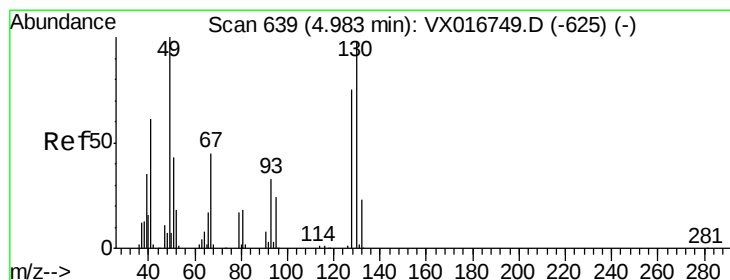
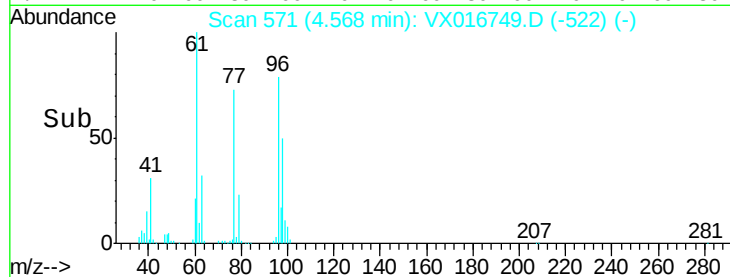
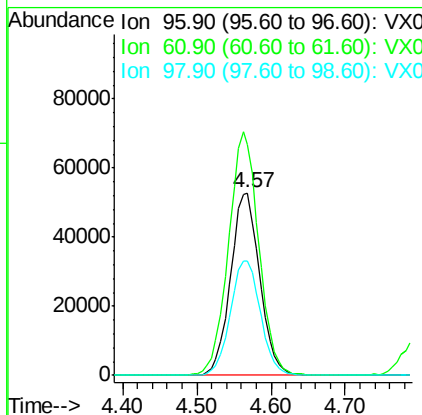
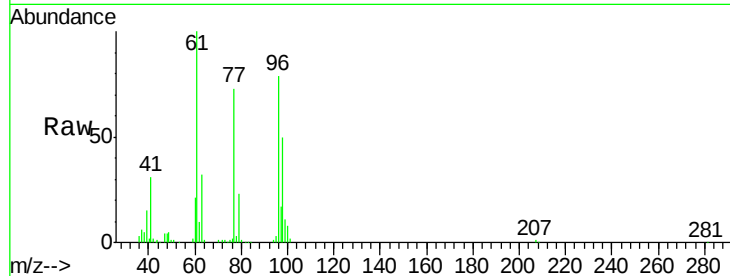
cis-1,2-Dichloroethene
Concen: 46.327 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	145423		
61	138.1	0.0	276.2	
98	65.0	0.0	130.0	

Manual Integrations
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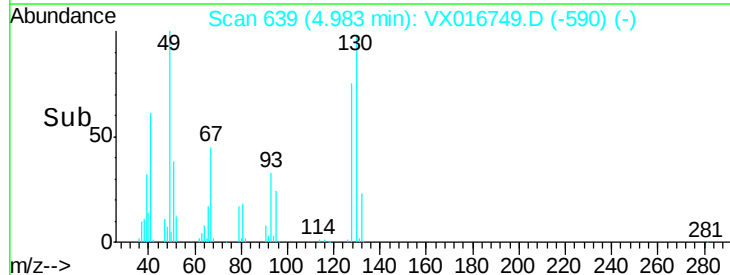
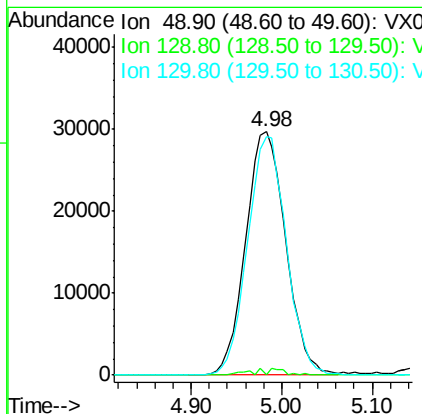
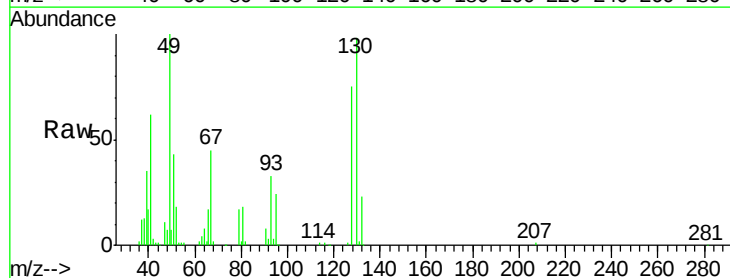
MMDadoda
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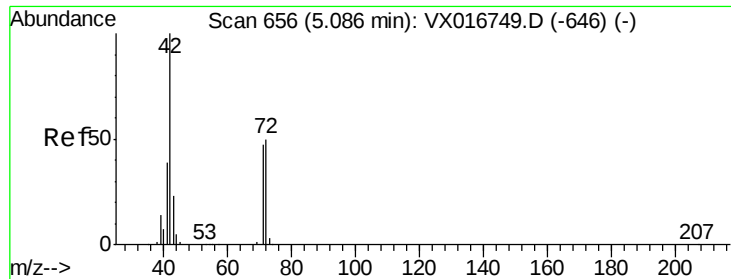


#28

Bromochloromethane
Concen: 40.595 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91055		
129	1.4	0.0	2.8	
130	95.0	76.0	114.0	





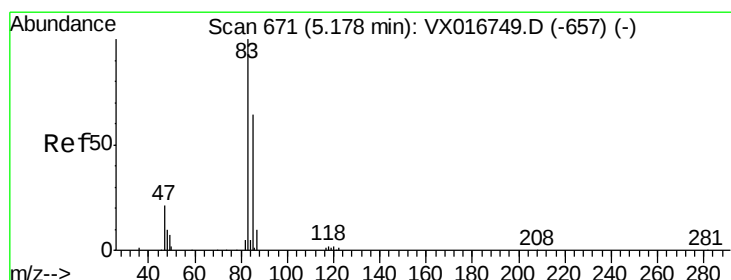
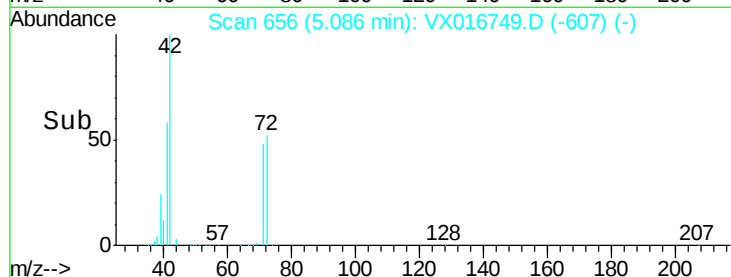
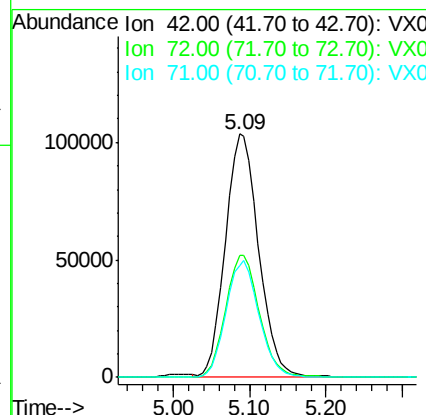
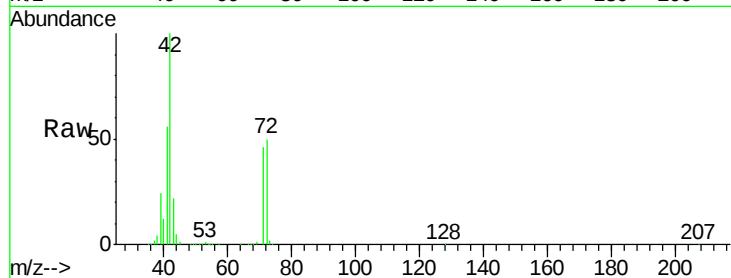
#29
Tetrahydrofuran
Concen: 210.406 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.0	61.6
71	47.9	38.2	57.4

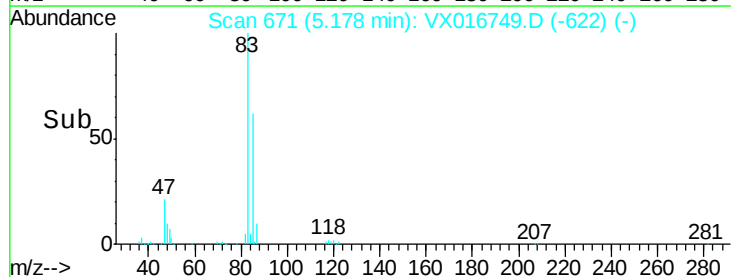
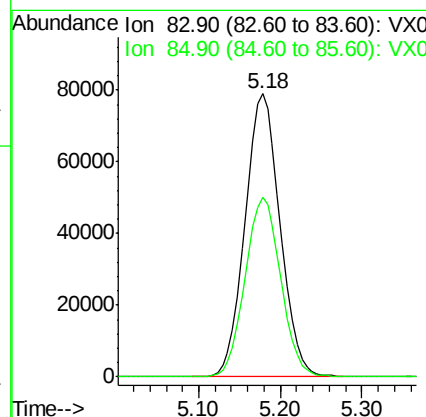
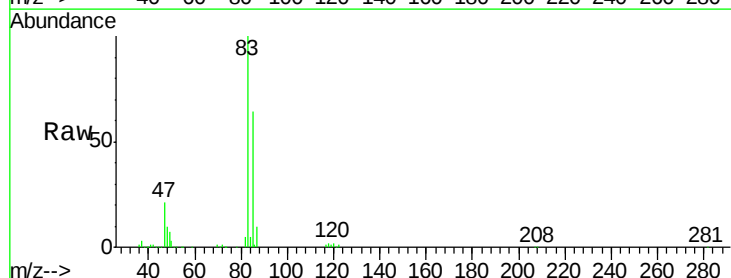
Manual Integrations
APPROVED

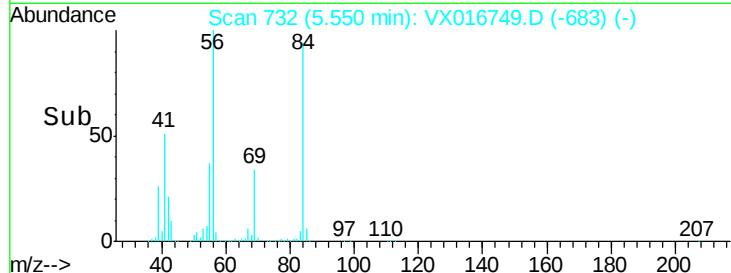
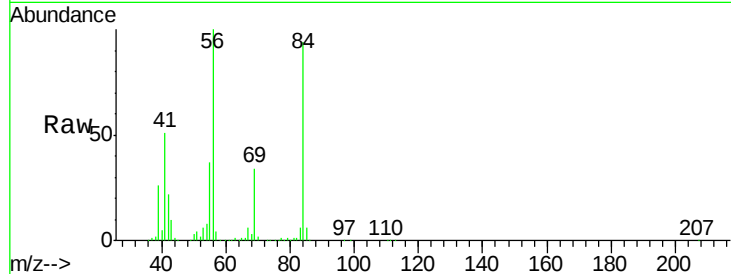
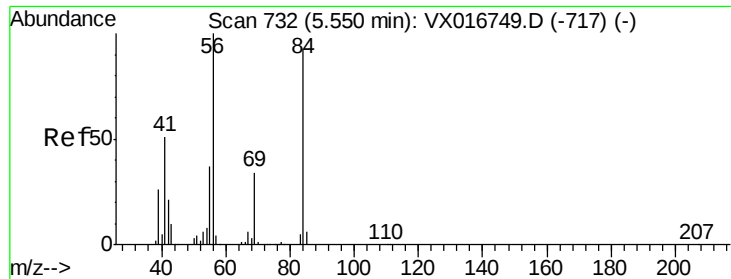
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#30
Chloroform
Concen: 47.749 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2





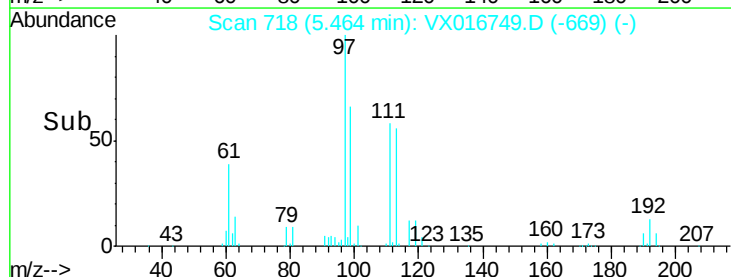
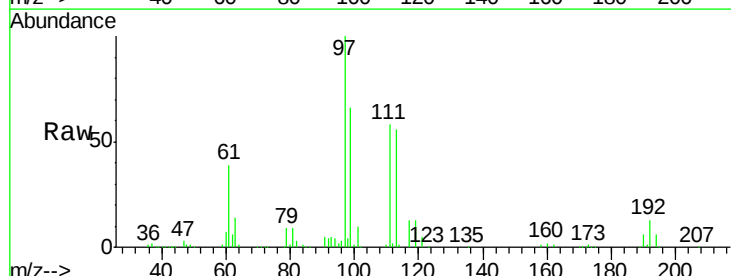
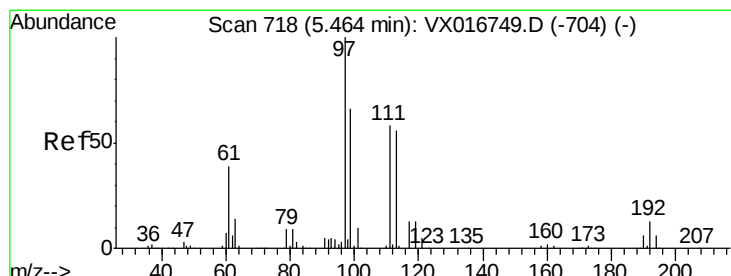
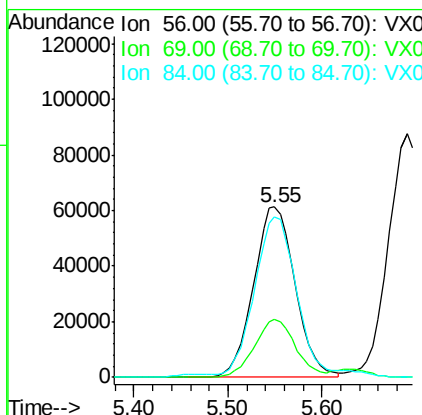
#31
Cvclohexane
Concen: 43.829 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	27.1	40.7
84	92.5	74.0	111.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

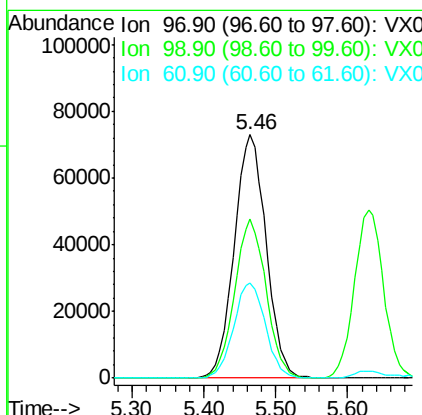
Manual Integrations
APPROVED

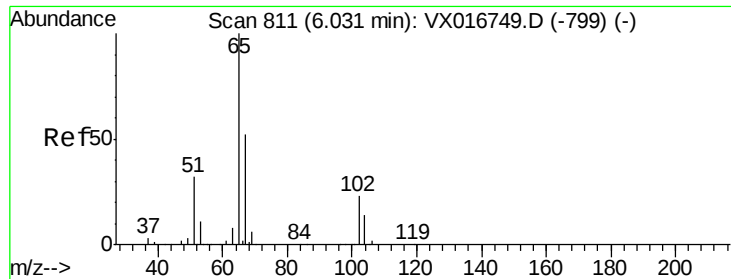
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#32
1,1,1-Trichloroethane
Concen: 49.799 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	39.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 45.159 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 142150

Ion Ratio Lower Upper

65 100

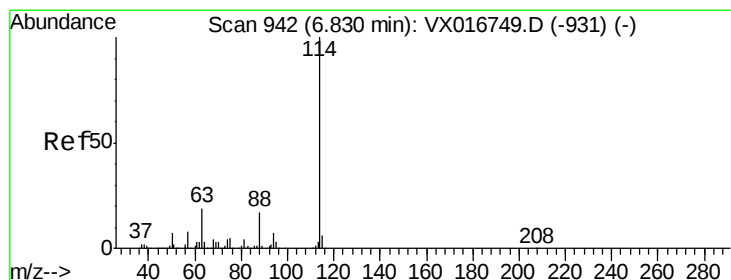
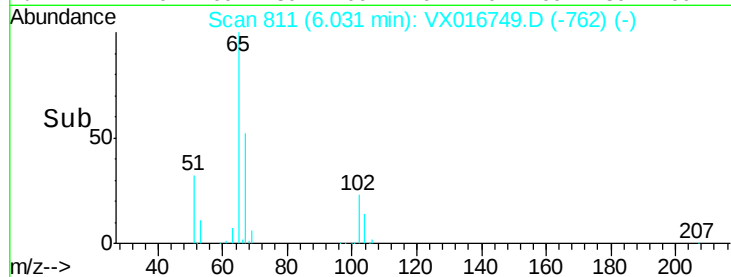
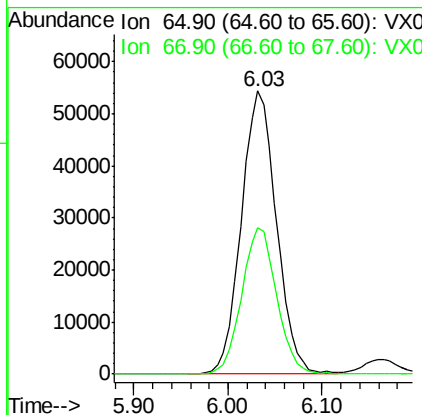
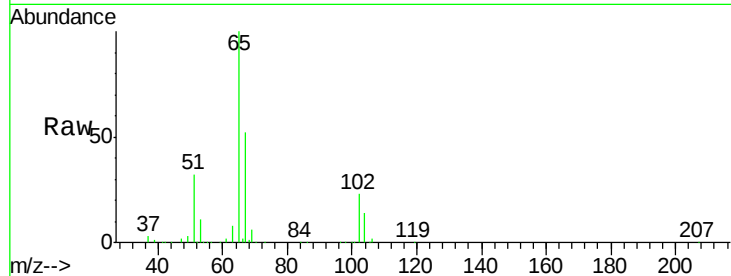
67 51.5 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

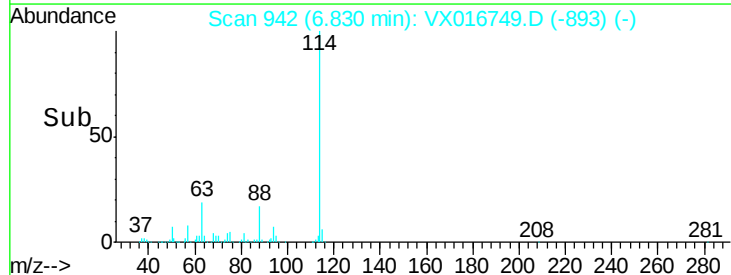
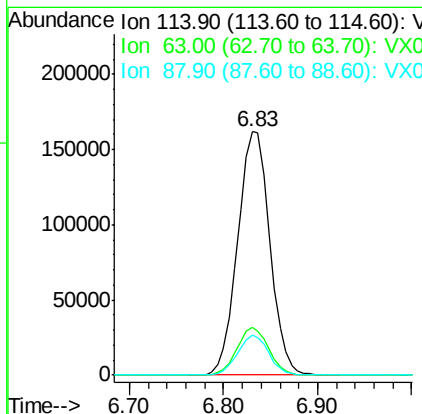
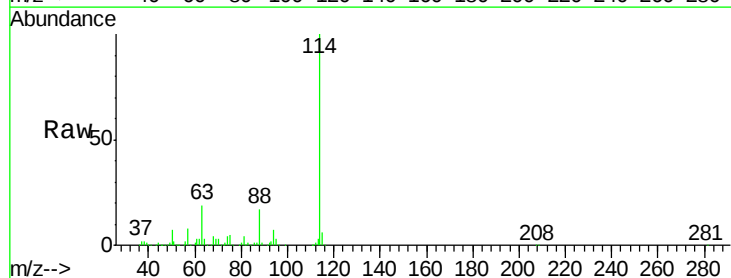
Tgt Ion: 114 Resp: 387315

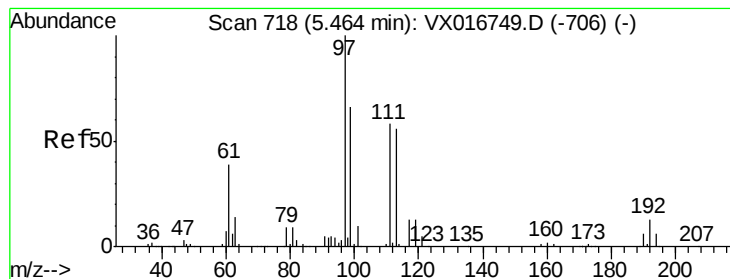
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.973 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

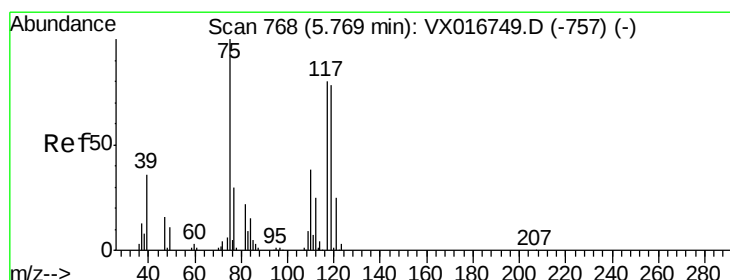
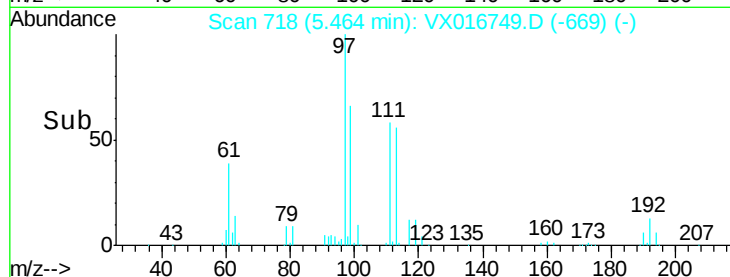
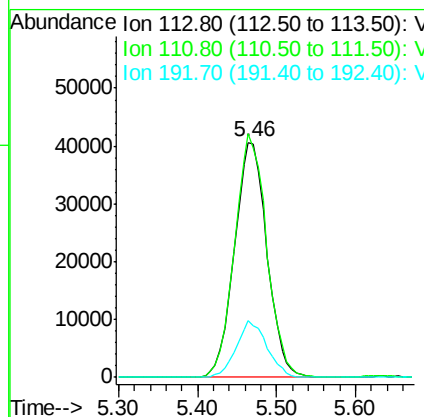
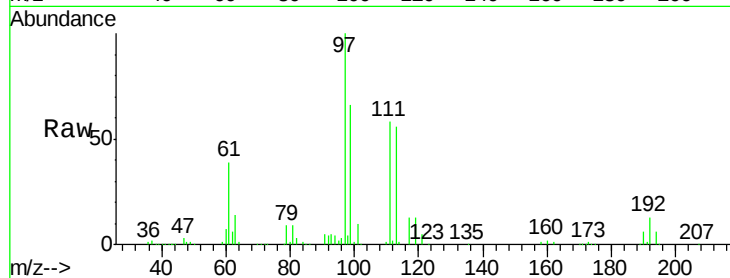
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	116463
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.8	122.6
192	22.8	18.2	27.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.329 ug/l

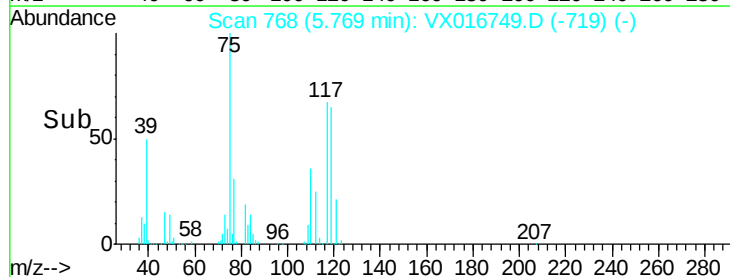
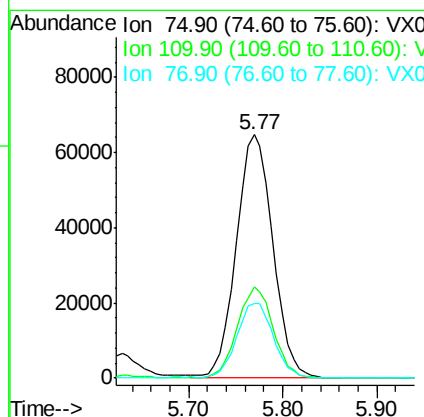
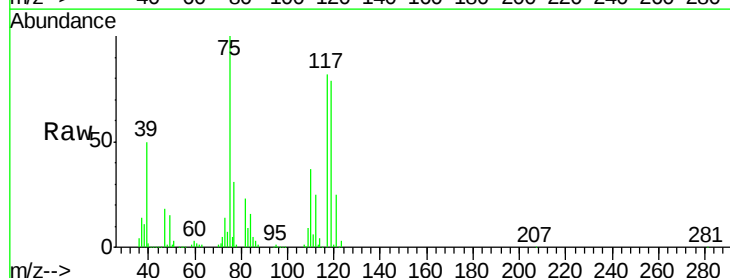
RT: 5.77 min Scan# 768

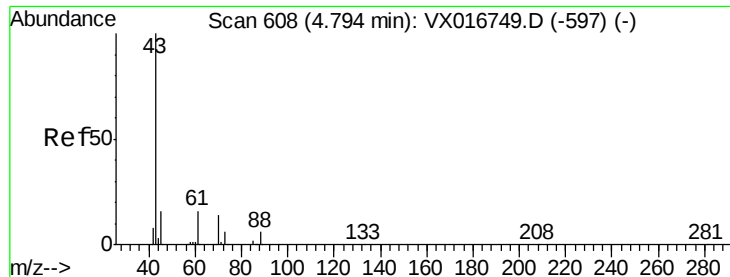
Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Tgt Ion:	75	Resp:	175270
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.4	55.2
77	30.9	24.7	37.1





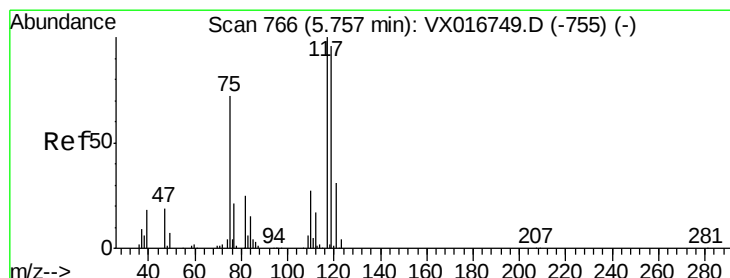
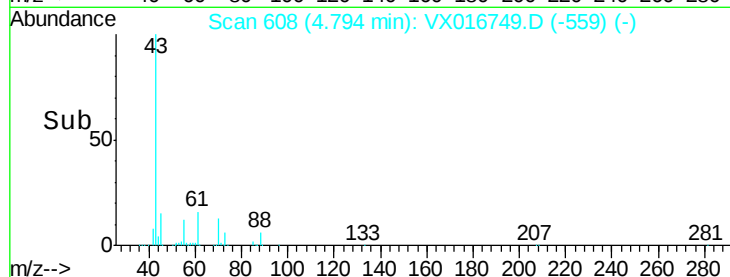
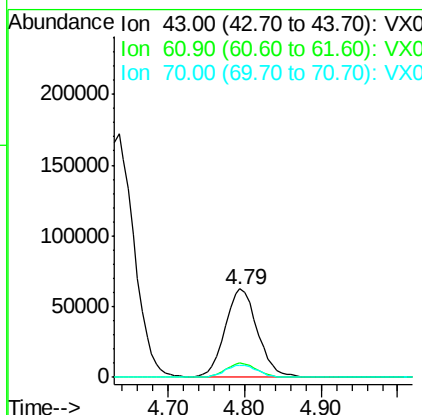
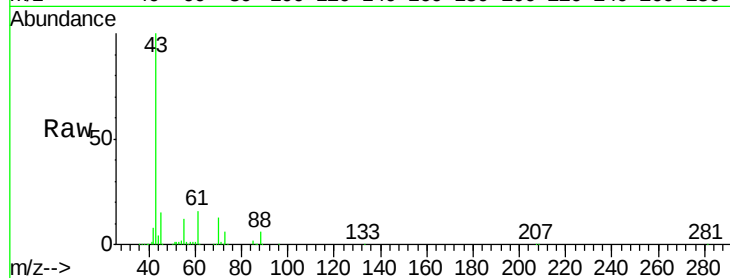
#37
Ethyl Acetate
Concen: 42.896 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	13.5	10.8	16.2

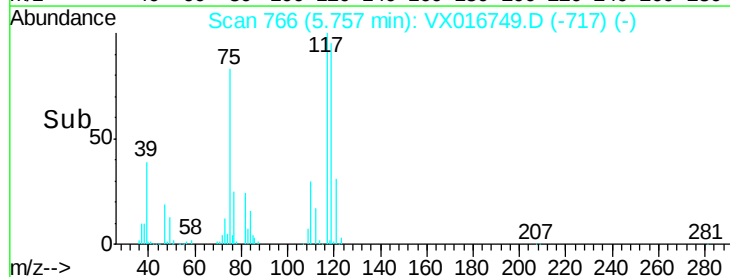
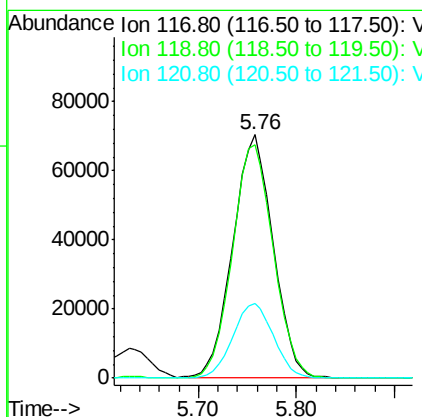
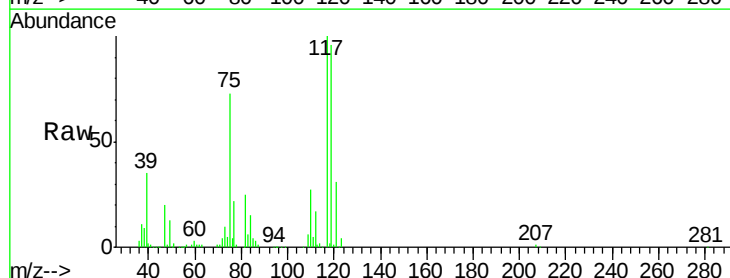
Manual Integrations
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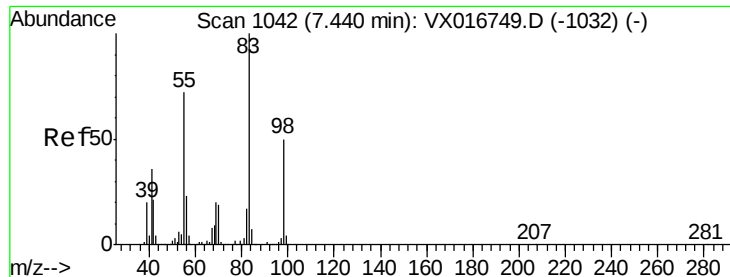
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#38
Carbon Tetrachloride
Concen: 52.142 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	30.9	24.7	37.1





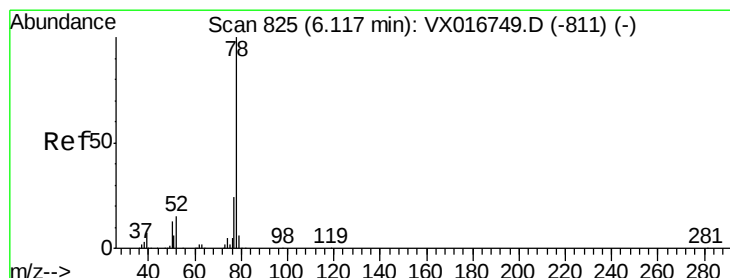
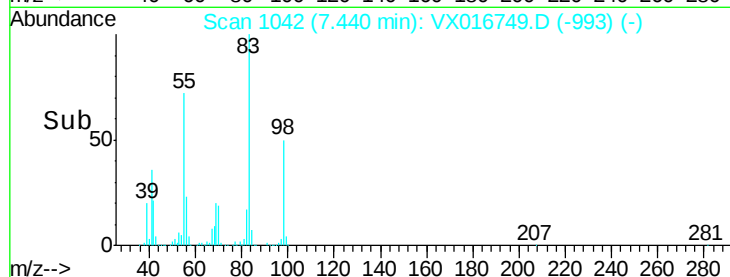
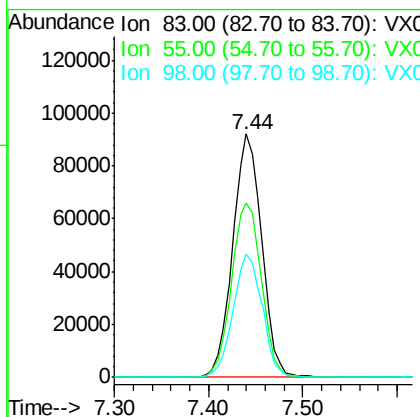
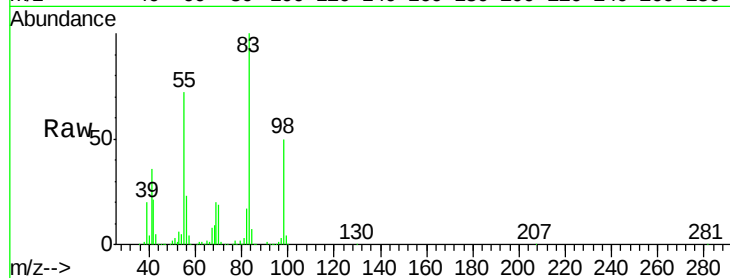
#39
Methvlcvclohexane
Concen: 49.752 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	57.3	85.9
98	50.4	40.3	60.5

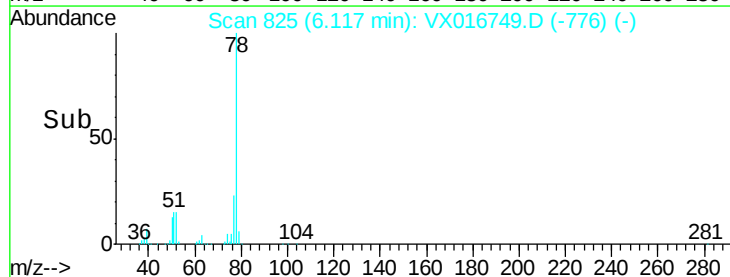
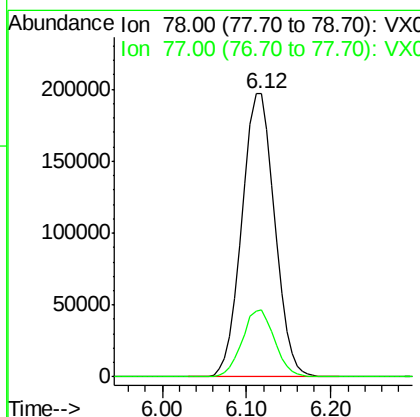
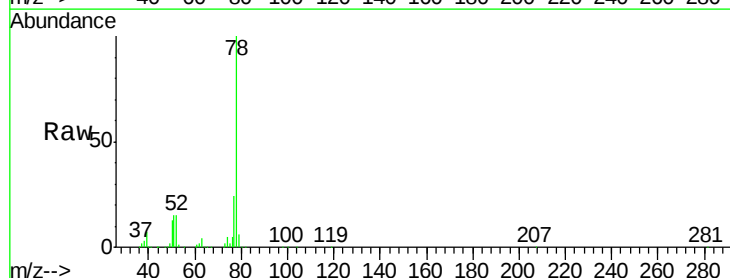
Manual Integrations
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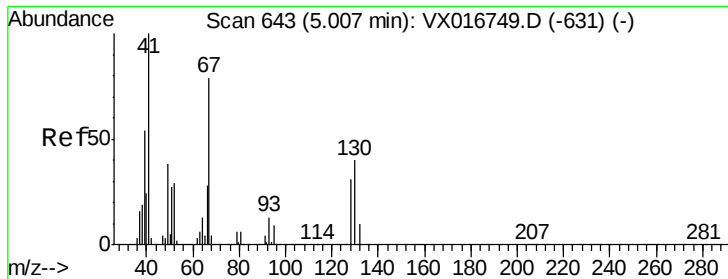
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#40
Benzene
Concen: 48.199 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





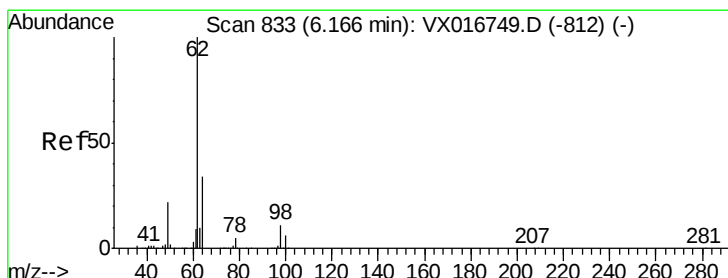
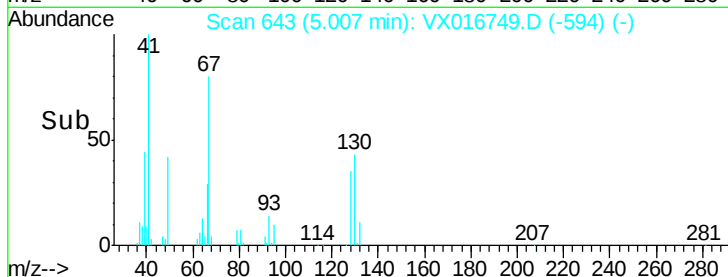
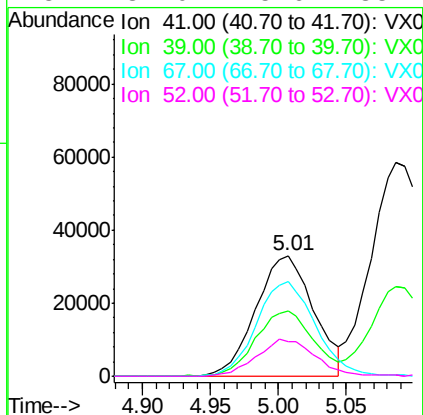
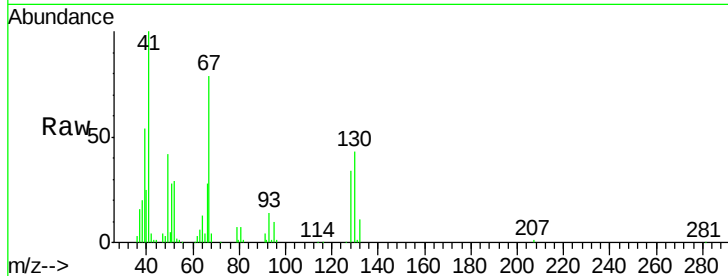
#41
Methacrylonitrile
Concen: 41.654 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	43.7	65.5	
67	80.7	64.6	96.8	
52	32.0	25.6	38.4	

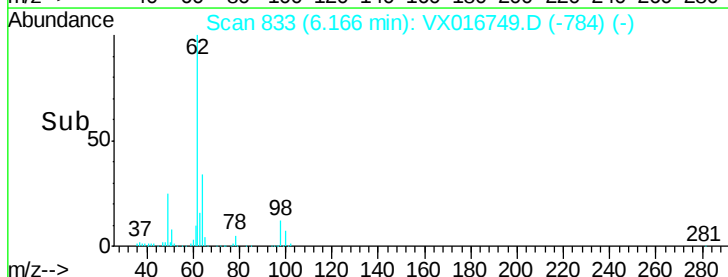
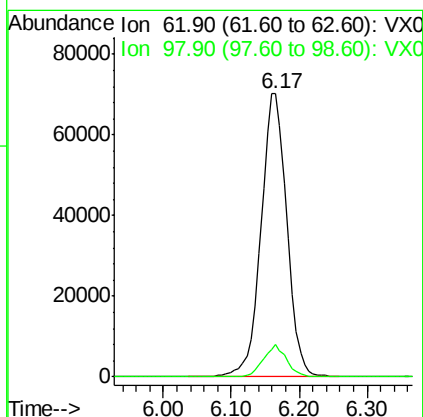
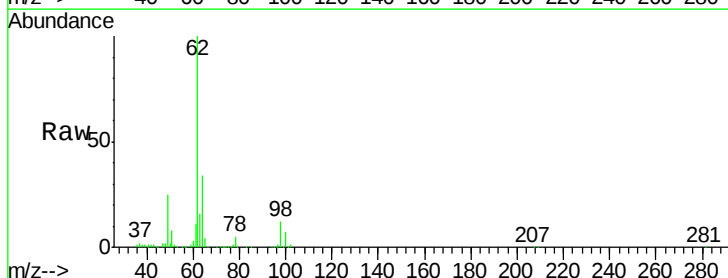
Manual Integrations
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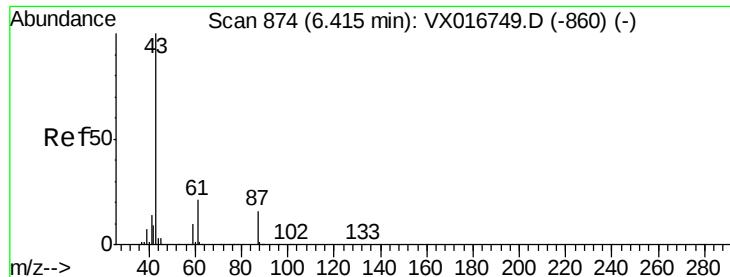
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.626 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





#43

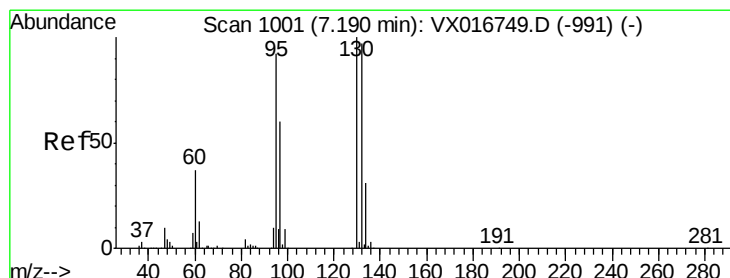
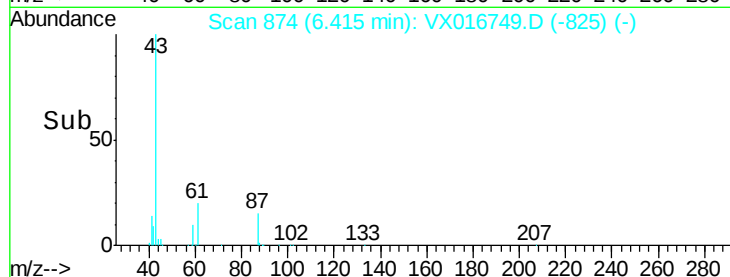
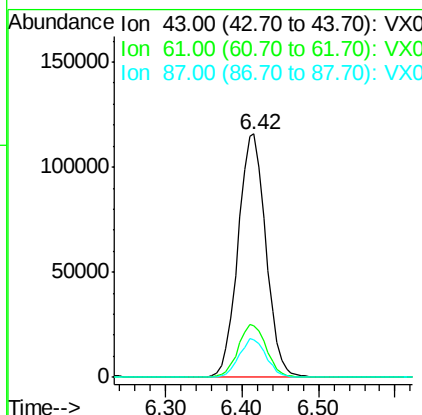
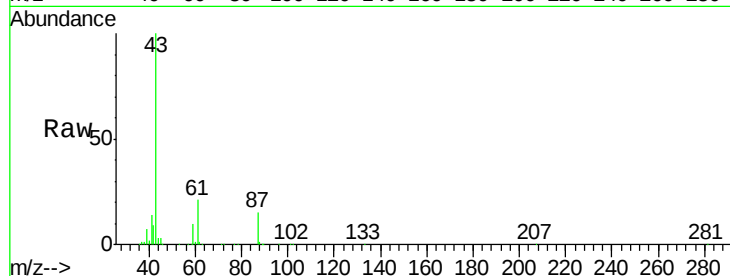
Isopropyl Acetate
 Concen: 43.715 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.7	26.5
87	15.6	12.5	18.7

Manual Integrations
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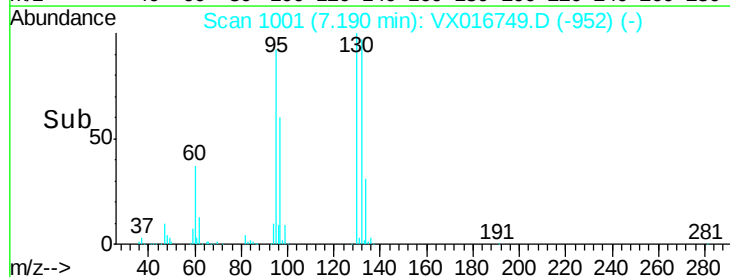
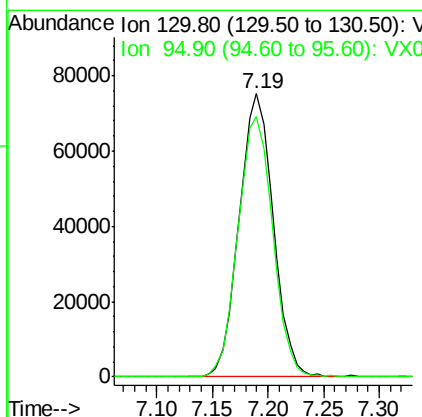
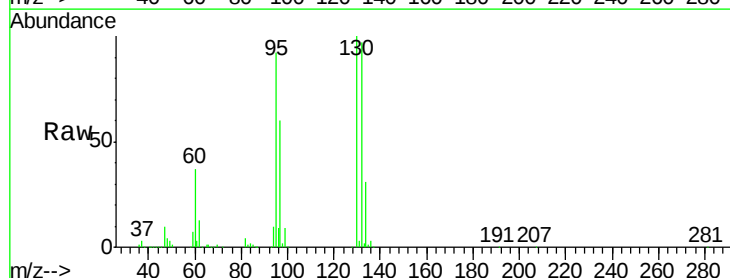
MMDadoda
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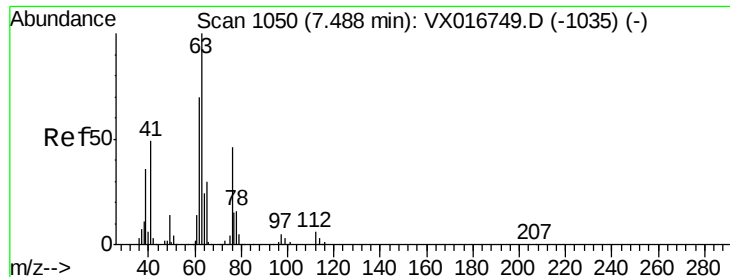


#44

Trichloroethene
 Concen: 46.931 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	183.6





#45

1,2-Dichloropropane

Concen: 46.942 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 128113

Ion Ratio Lower Upper

63 100

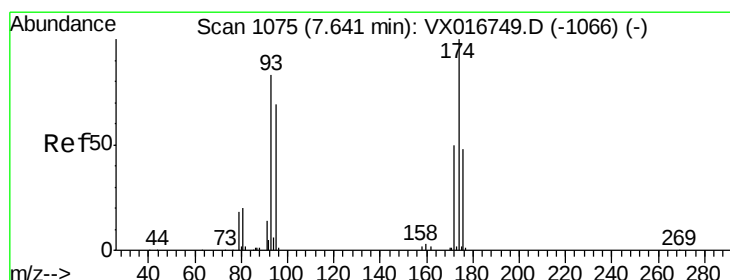
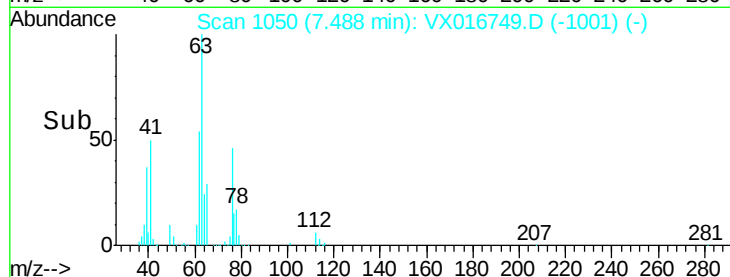
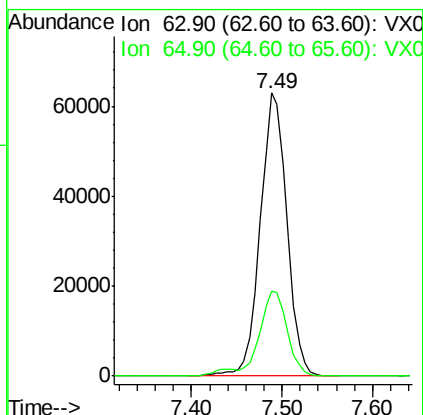
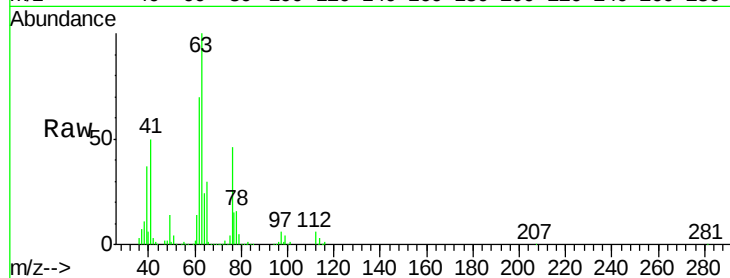
65 30.2 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 49.186 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

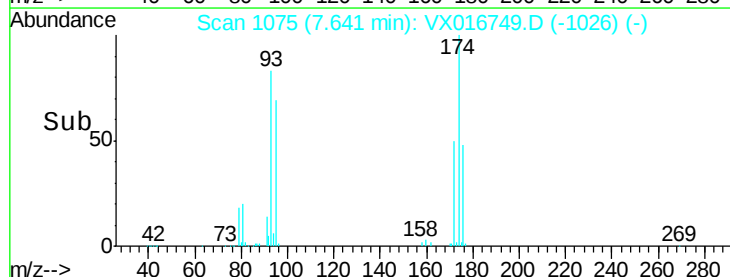
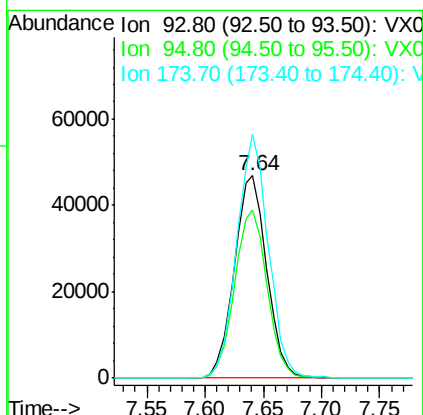
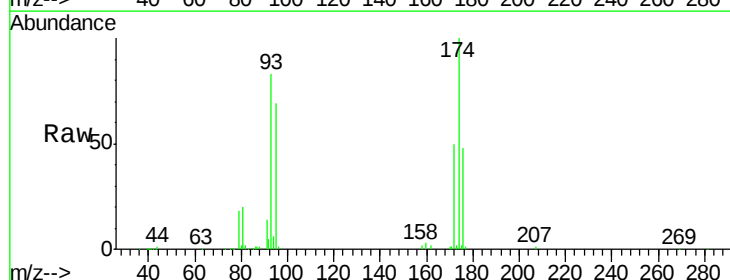
Tgt Ion: 93 Resp: 91080

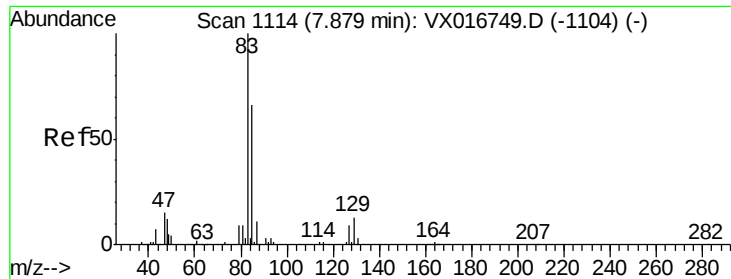
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 117.3 93.8 140.8





#47

Bromodichloromethane

Concen: 50.097 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

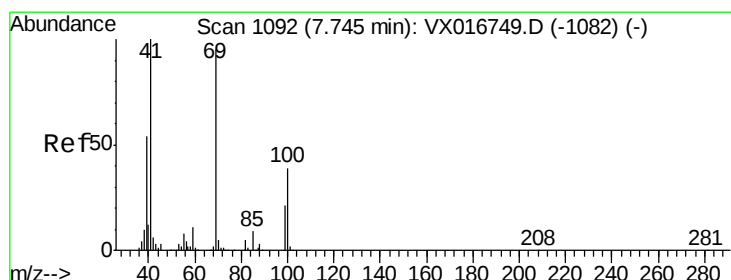
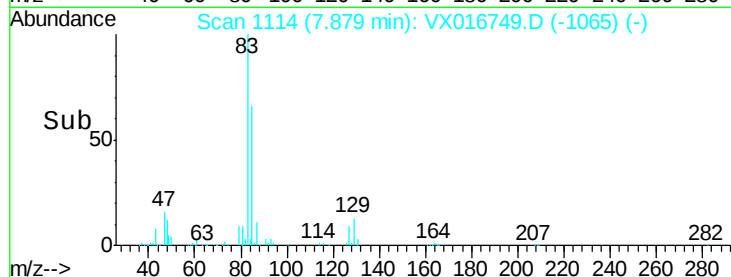
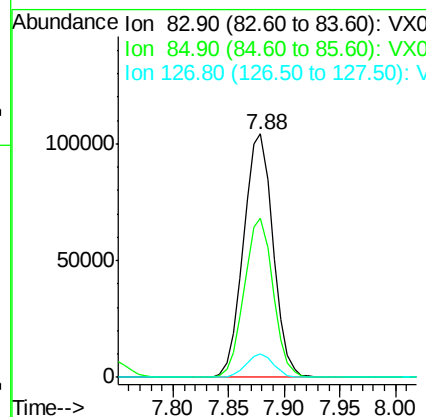
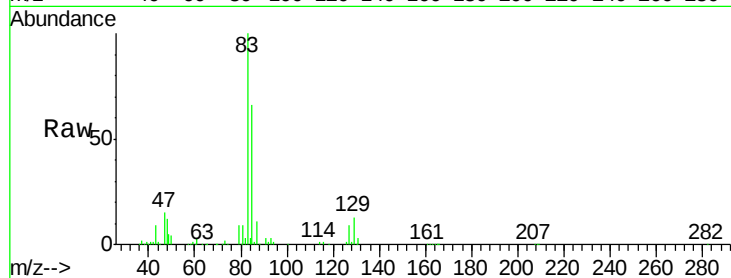
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	192260
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.5	78.7
127	9.4	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 43.944 ug/l

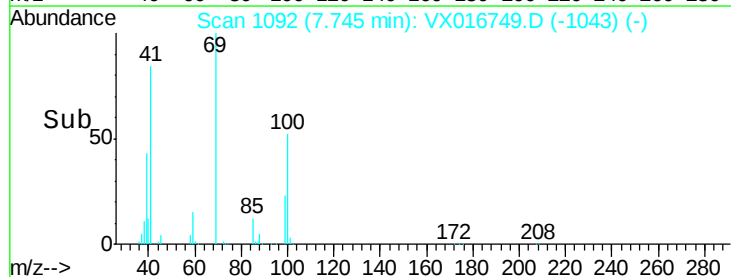
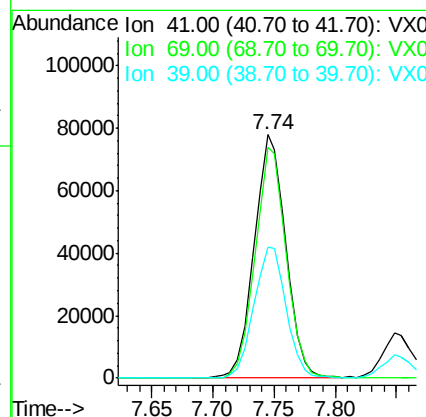
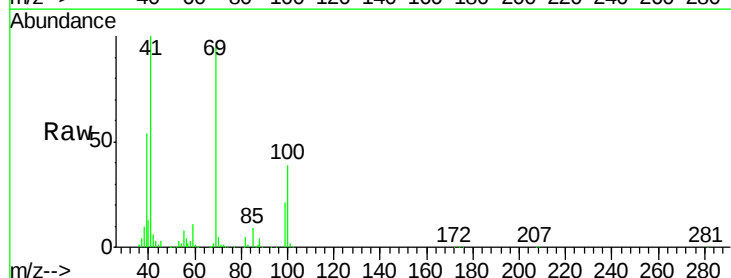
RT: 7.74 min Scan# 1092

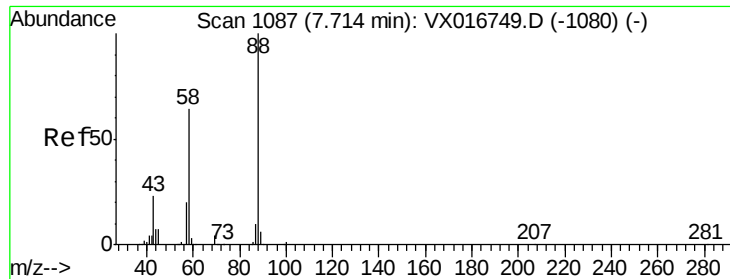
Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Tgt Ion:	41	Resp:	139723
Ion Ratio	Lower	Upper	
41	100		
69	93.8	75.0	112.6
39	55.4	44.3	66.5





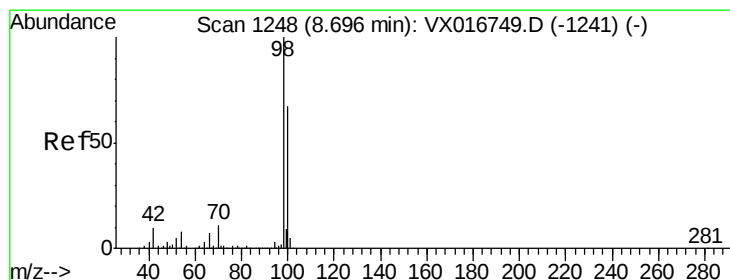
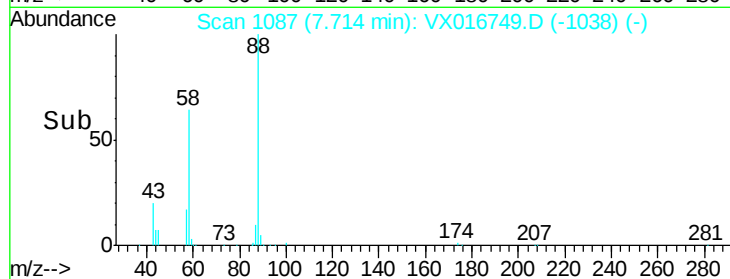
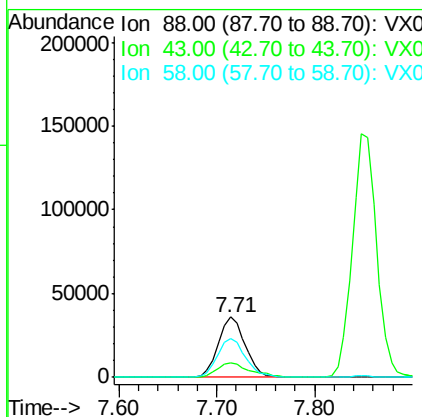
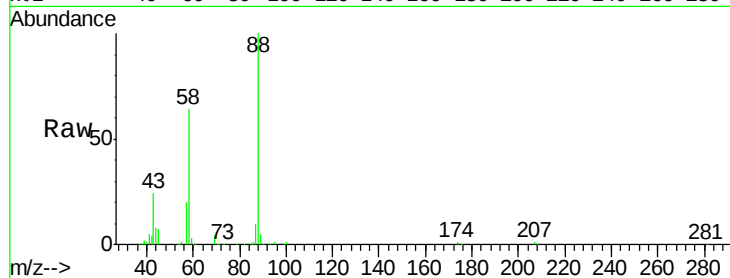
#49
1,4-Dioxane
Concen: 923.716 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.9	34.3
58	67.1	53.7	80.5

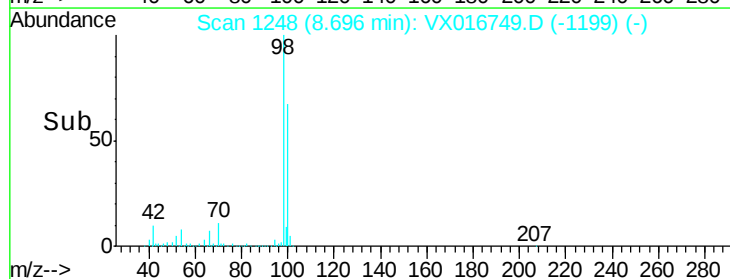
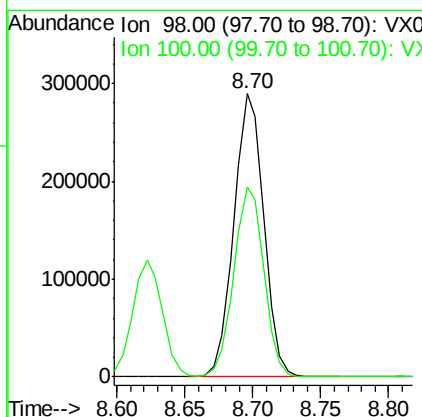
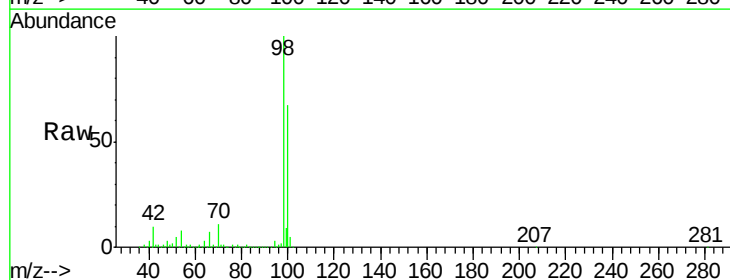
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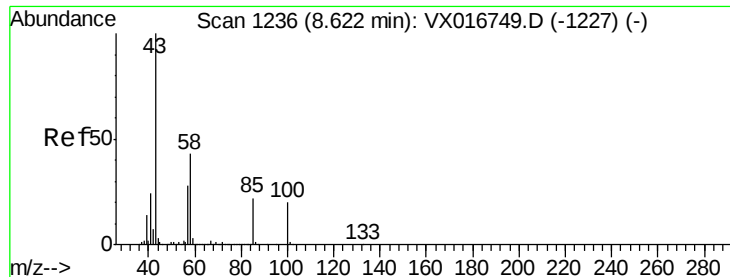
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#50
Toluene-d8
Concen: 48.200 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.9	80.9





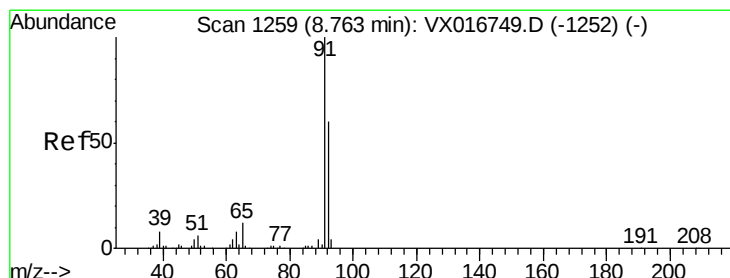
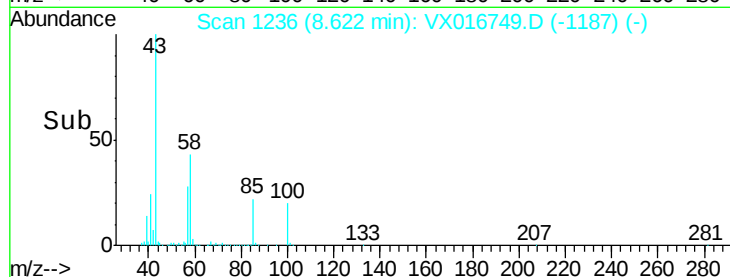
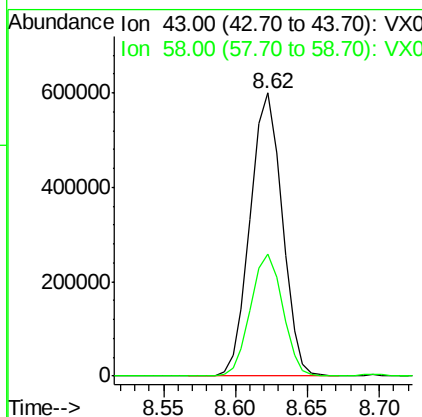
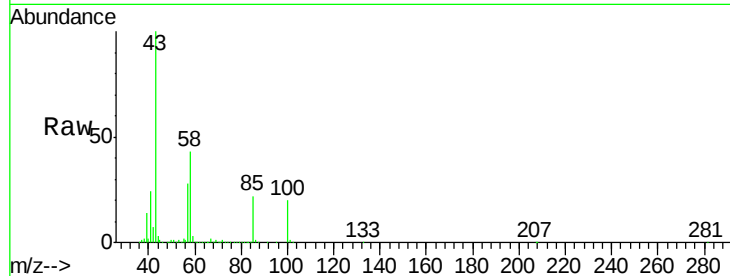
#51
4-Methyl-2-Pentanone
Concen: 223.569 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	924019
Ion Ratio	100	Lower	Upper
43	100		
58	43.3	34.6	52.0

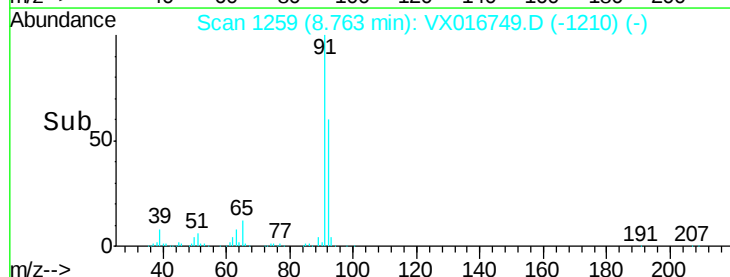
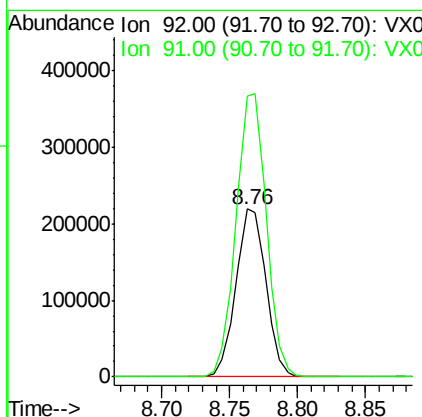
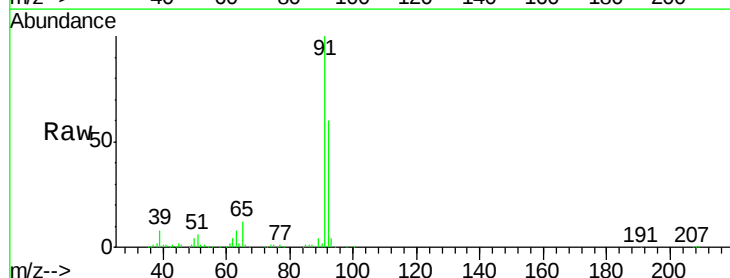
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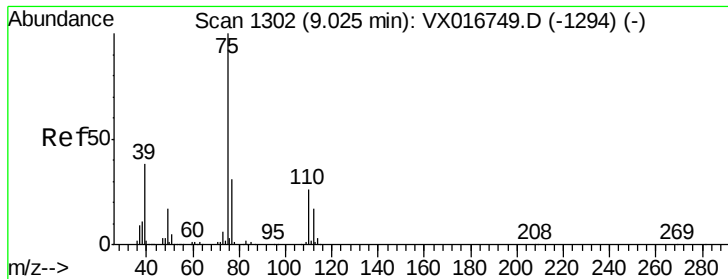
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#52
Toluene
Concen: 49.613 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	92	Resp	338735
Ion Ratio	100	Lower	Upper
92	100		
91	170.1	136.1	204.1





#53

t-1,3-Dichloropropene

Concen: 50.491 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 220340

Ion Ratio Lower Upper

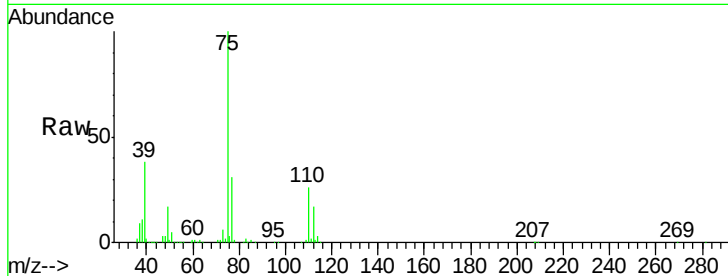
75 100

77 30.9 24.7 37.1

Manual Integrations
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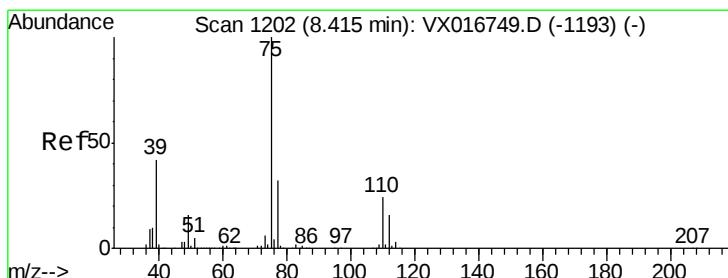
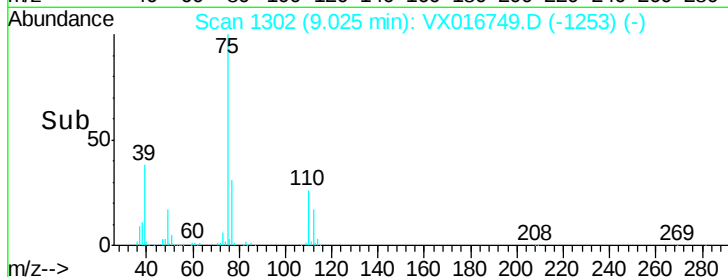
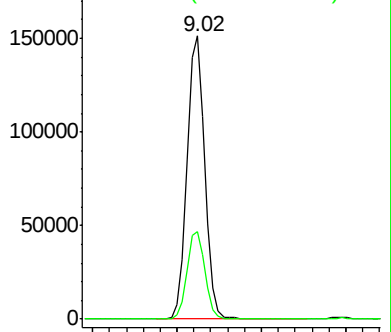
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.304 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

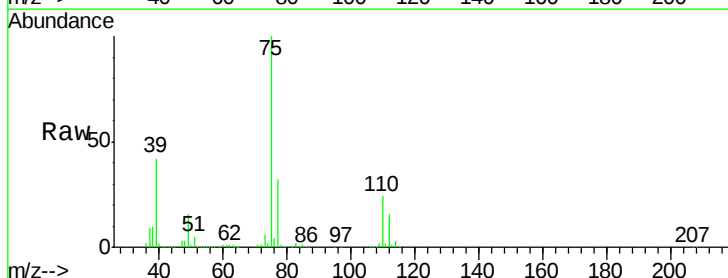
Tgt Ion: 75 Resp: 226883

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

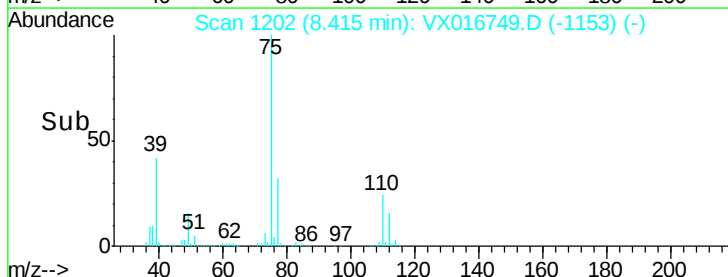
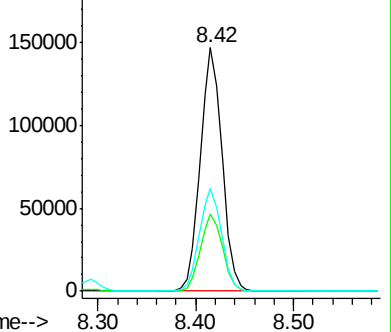
39 42.1 33.7 50.5

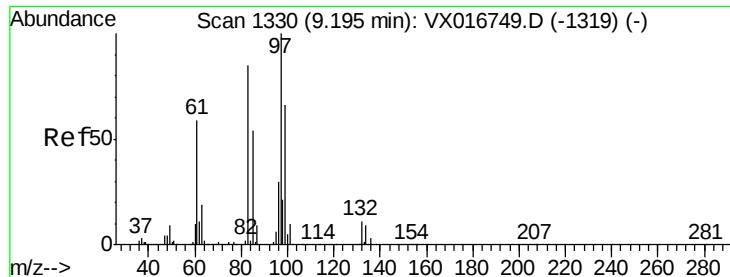


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





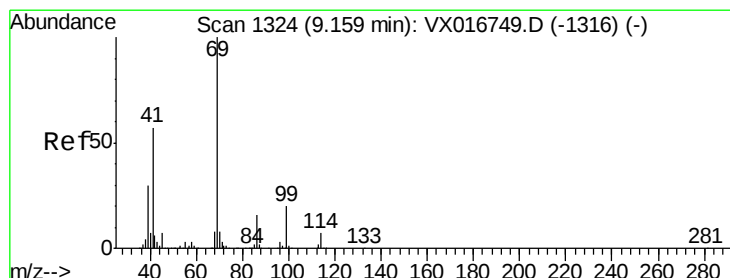
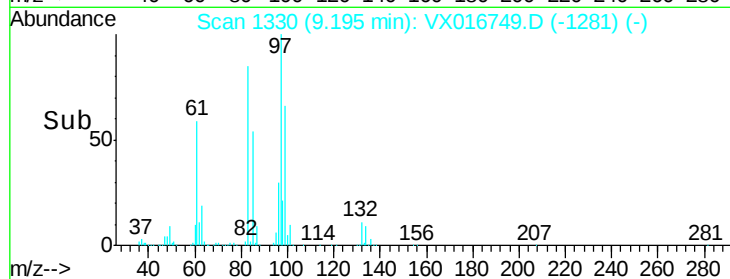
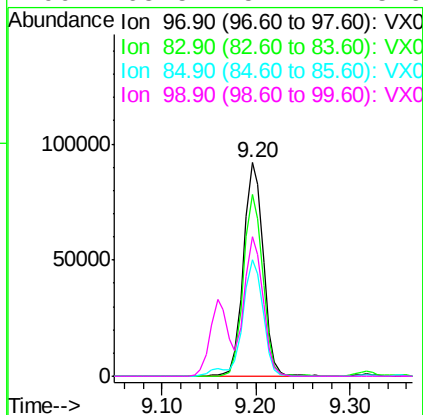
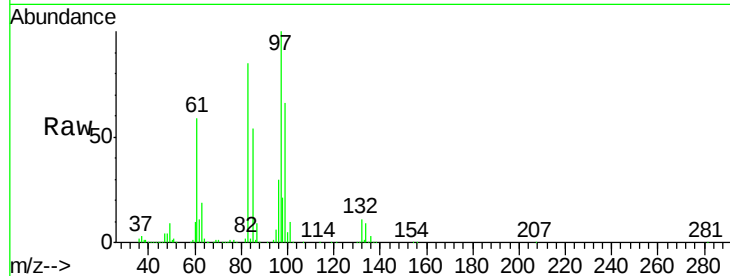
#55
 1,1,2-Trichloroethane
 Concen: 49.751 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	135379
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.3	102.5
85	54.4	43.5	65.3
99	65.5	52.4	78.6

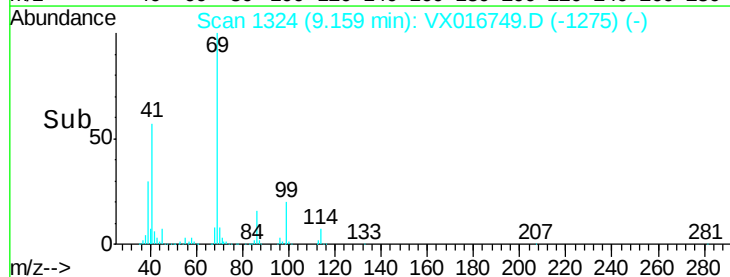
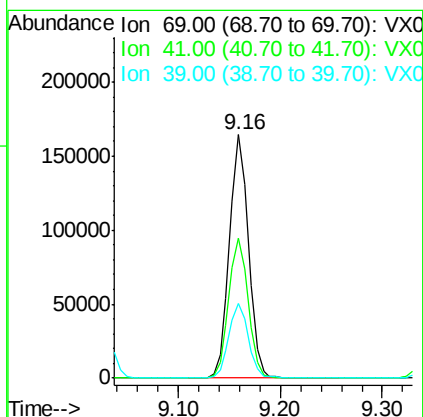
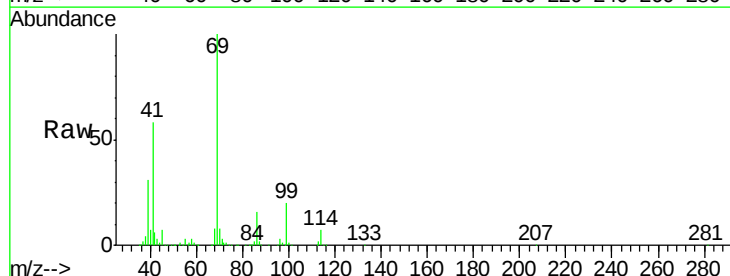
Manual Integrations
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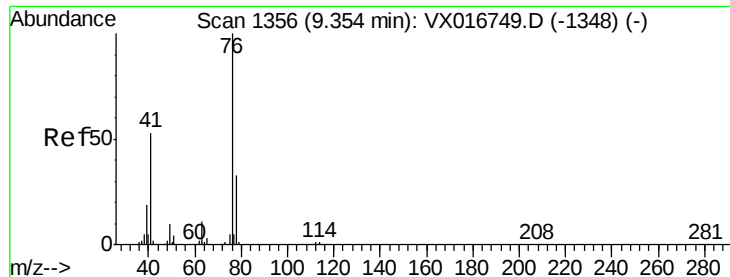
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#56
 Ethyl methacrylate
 Concen: 48.418 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion:	69	Resp:	211740
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.1	70.7
39	31.3	25.0	37.6





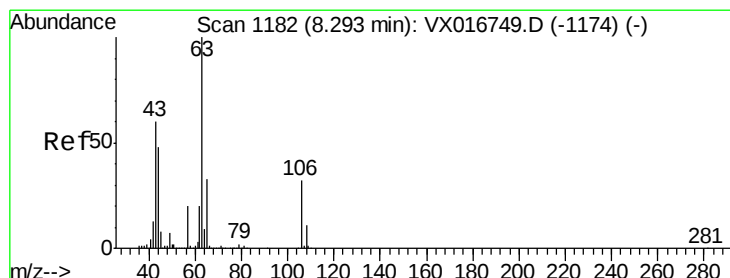
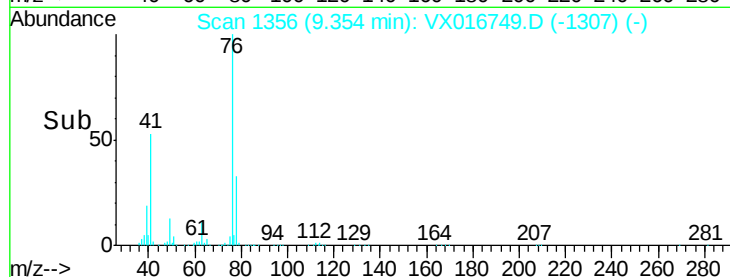
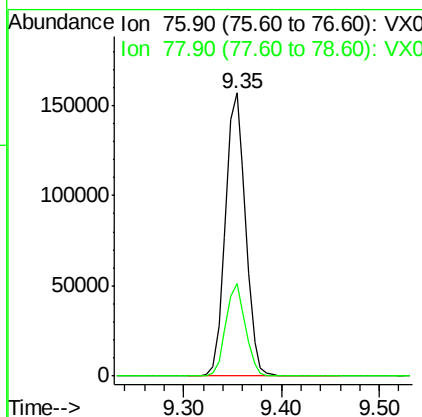
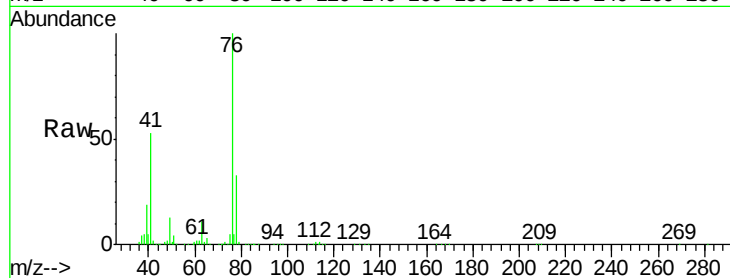
#57
 1,3-Dichloropropane
 Concen: 48.352 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

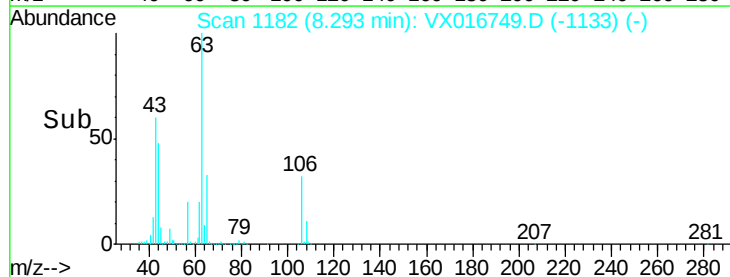
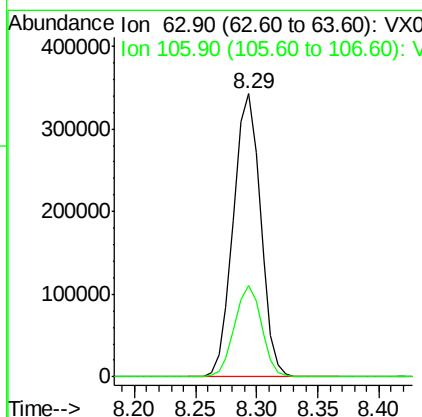
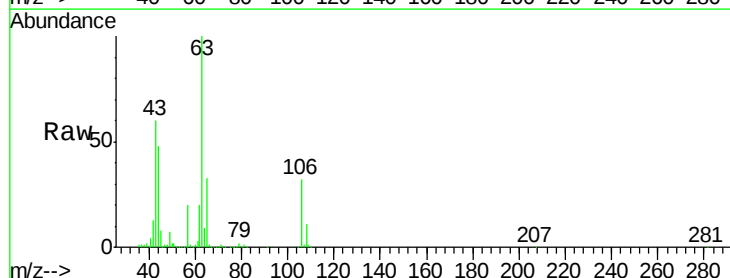
Manual Integrations
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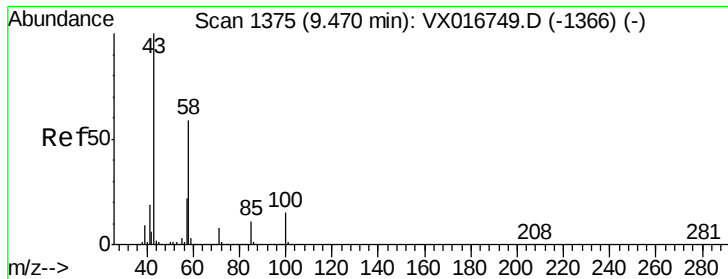
MMDadoda
 6/16/2020 3:23:10 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.990 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.5	38.3





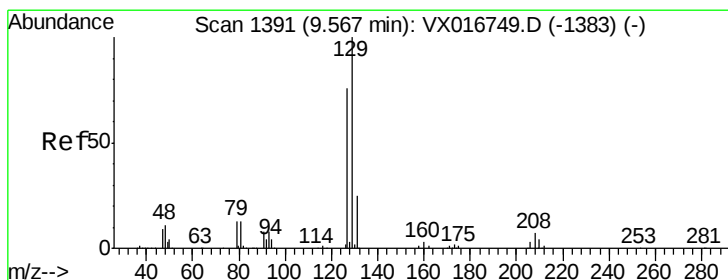
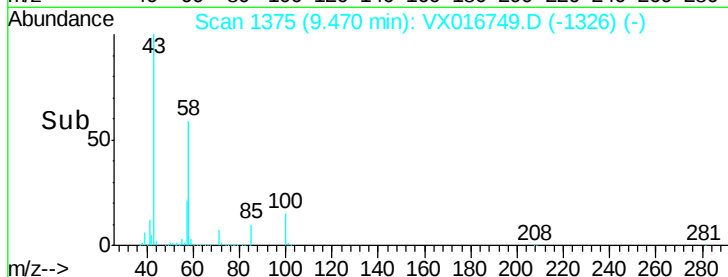
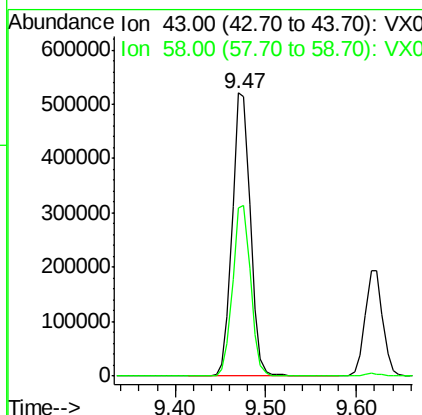
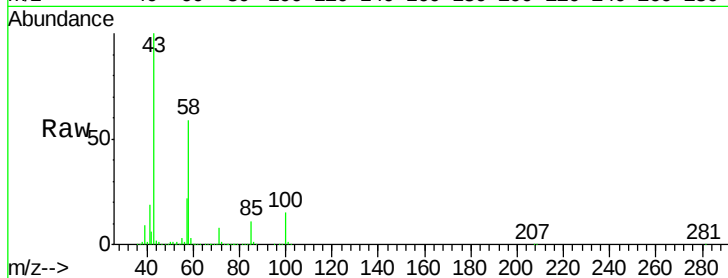
#59
2-Hexanone
Concen: 225.117 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 722629
Ion Ratio Lower Upper
43 100
58 59.9 29.9 89.8

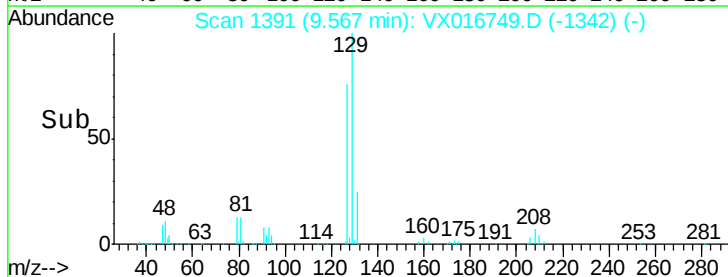
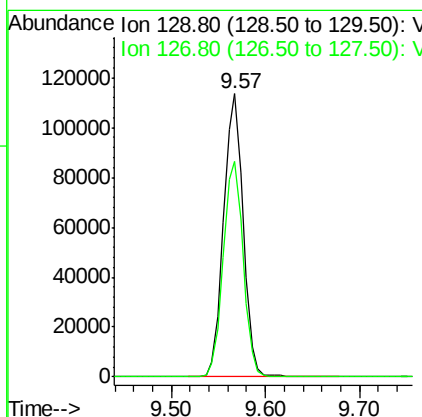
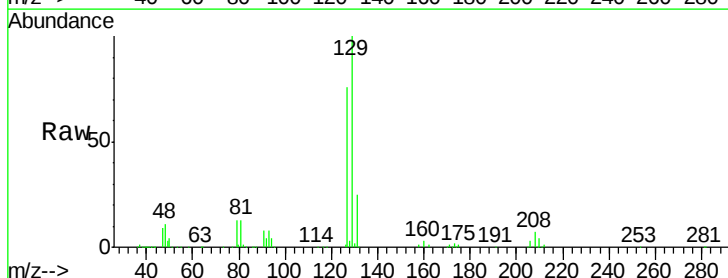
Manual Integrations
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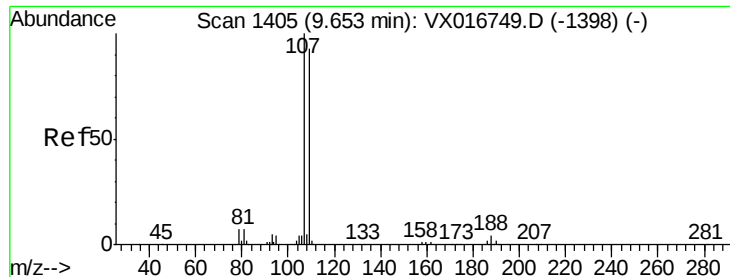
MMDadoda
6/16/2020 3:23:10 PM



#60
Dibromochloromethane
Concen: 53.008 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion: 129 Resp: 163675
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.097 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 149470

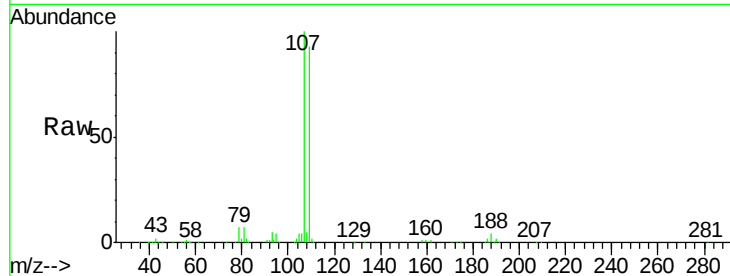
Ion Ratio Lower Upper

107 100

109 92.8 74.2 111.4

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

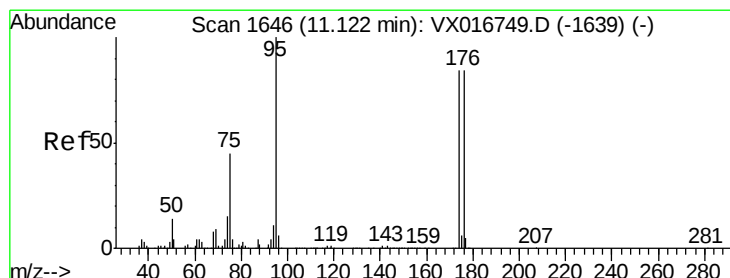
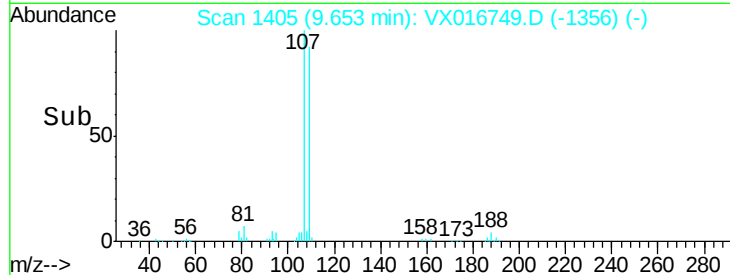
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.168 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

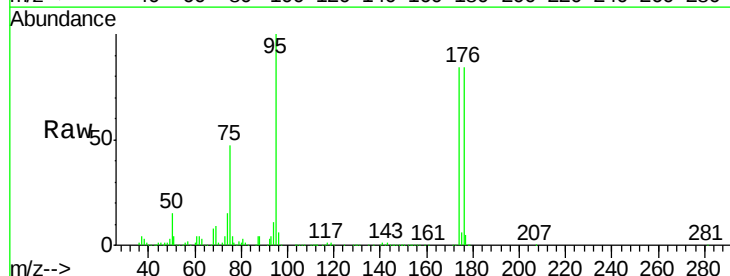
Tgt Ion: 95 Resp: 167603

Ion Ratio Lower Upper

95 100

174 85.5 0.0 171.0

176 83.1 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

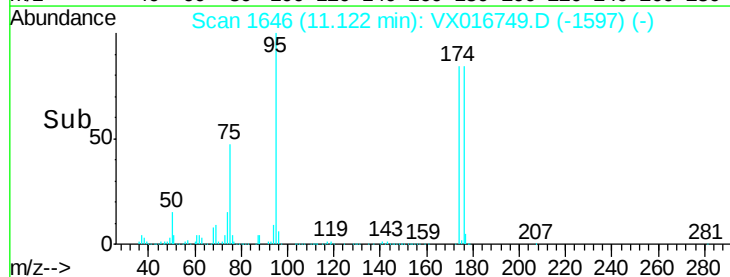
150000

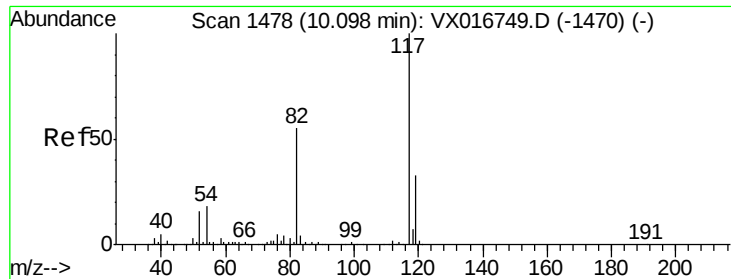
100000

50000

0

Time-->





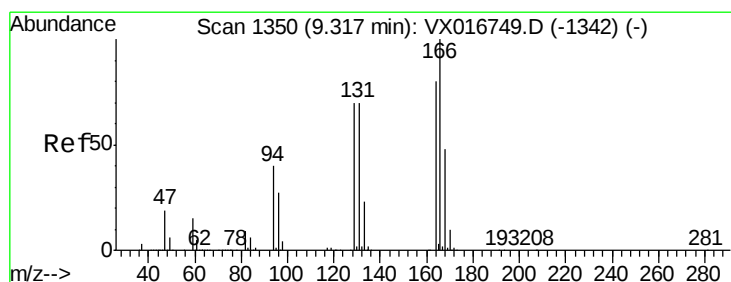
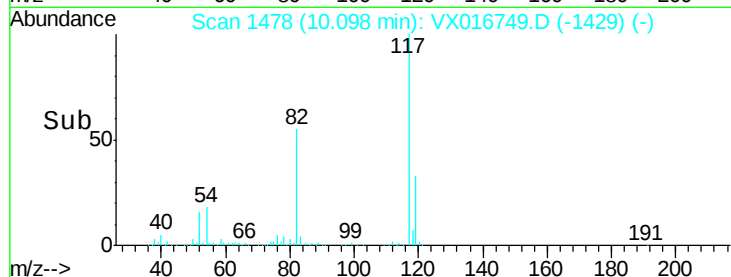
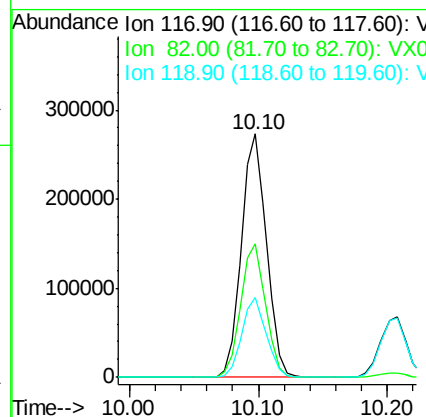
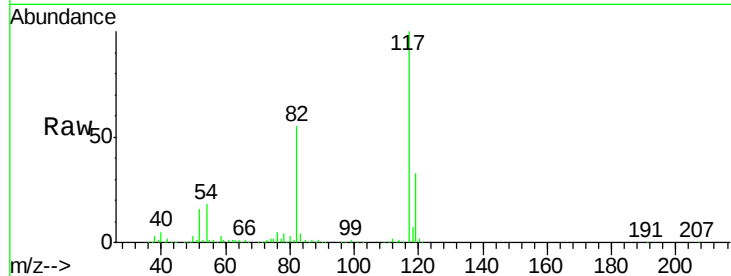
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	367787		
82	54.7	43.8	65.6	
119	32.8	26.2	39.4	

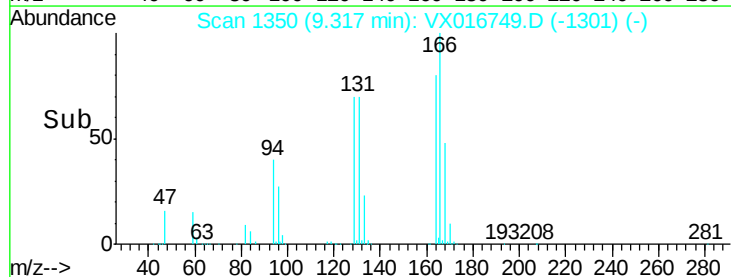
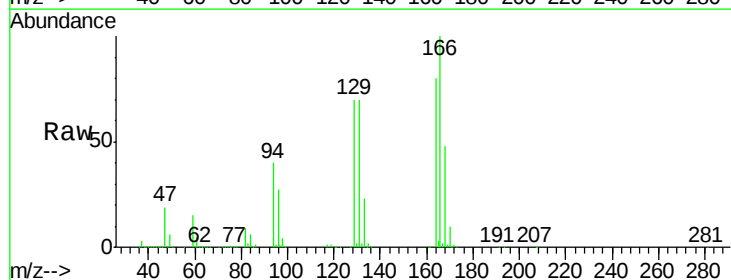
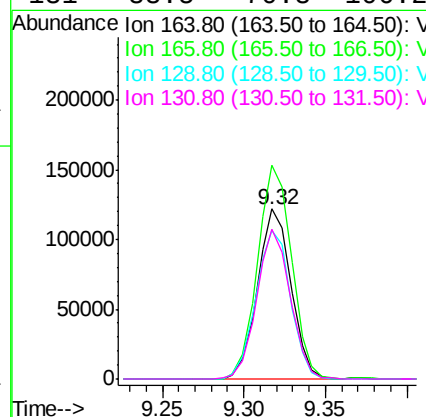
Manual Integrations
APPROVED

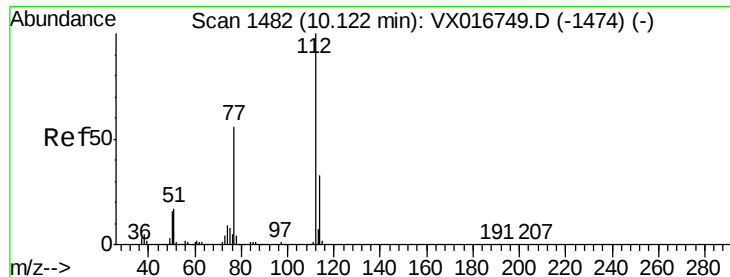
MMDadoda
6/16/2020 3:23:10 PM



#64
Tetrachloroethene
Concen: 43.697 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	175154		
166	125.7	100.6	150.8	
129	87.6	70.1	105.1	
131	88.5	70.8	106.2	





#65

Chlorobenzene

Concen: 49.602 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 368975

Ion Ratio Lower Upper

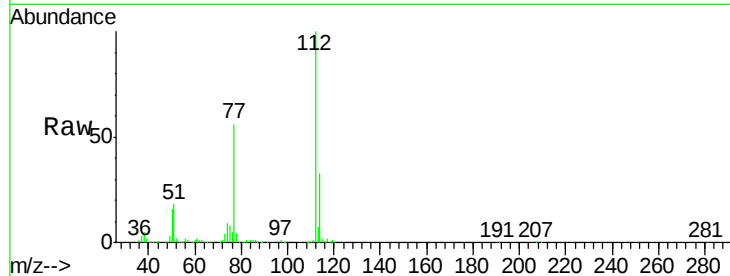
112 100

114 32.8 26.2 39.4

Manual Integrations
APPROVED

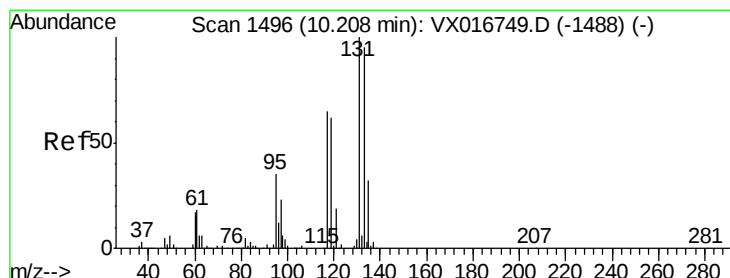
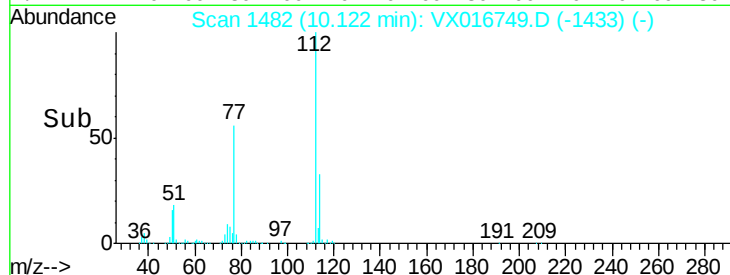
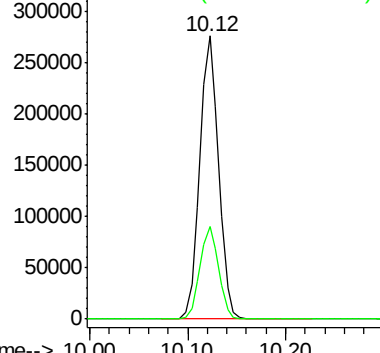
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.848 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

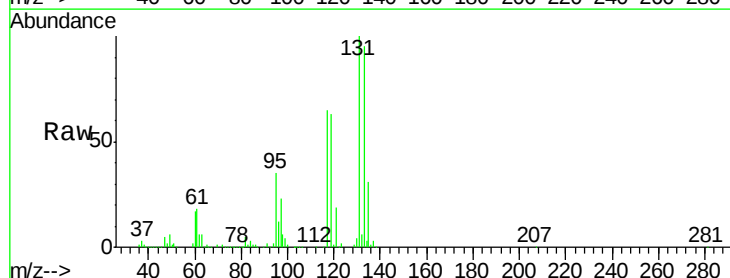
Tgt Ion:131 Resp: 148689

Ion Ratio Lower Upper

131 100

133 93.5 46.8 140.3

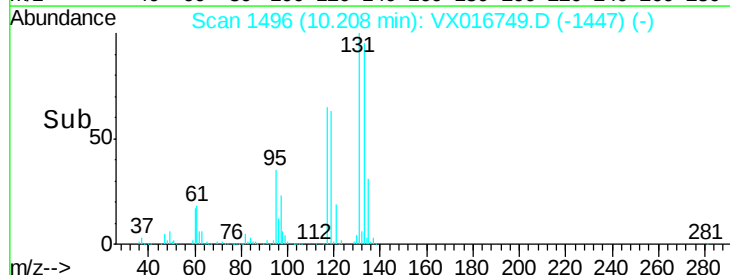
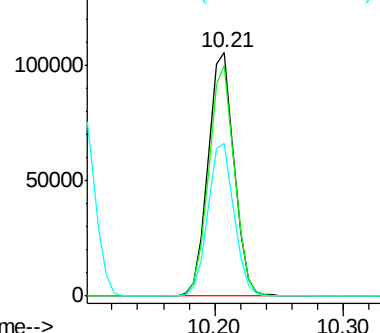
119 62.7 31.4 94.0

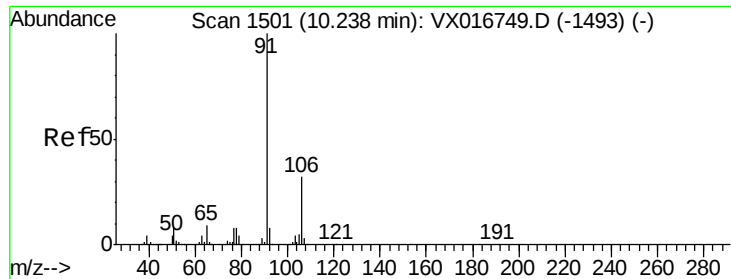


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.887 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 643588

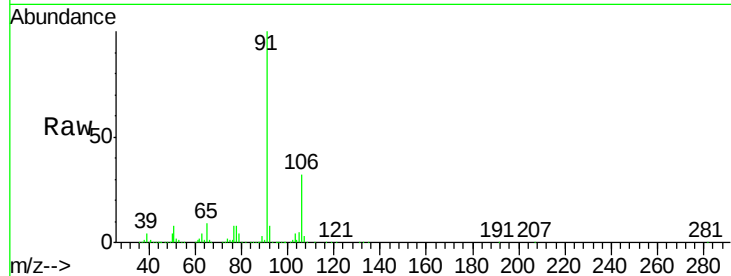
Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX016749.D (-1493) (-)

800000

600000

400000

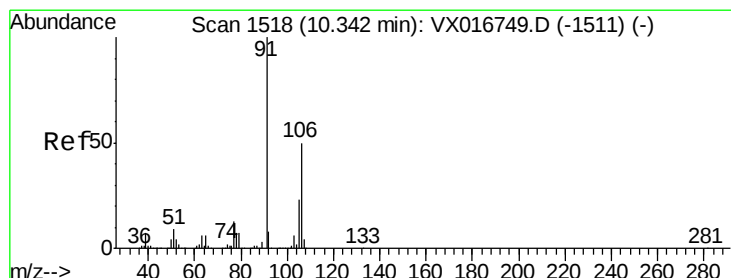
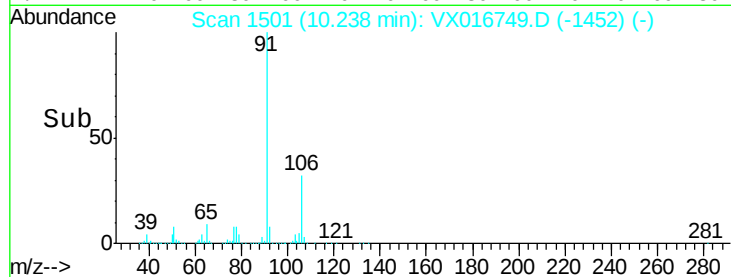
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 101.722 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016749.D

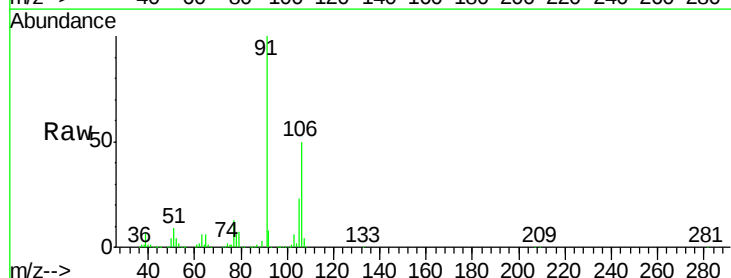
Acq: 15 Jun 2020 12:18

Tgt Ion: 106 Resp: 499167

Ion Ratio Lower Upper

106 100

91 201.5 161.2 241.8



Abundance Ion 106.00 (105.70 to 106.70): VX016749.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016749.D (-1511) (-)

800000

600000

400000

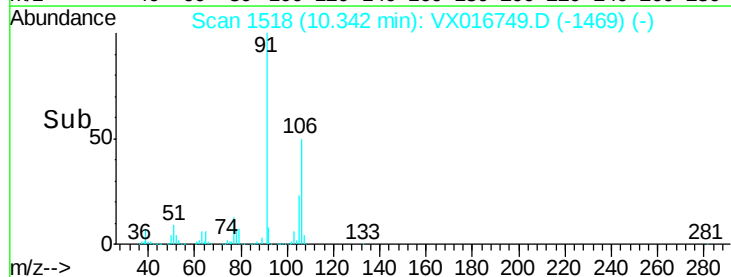
200000

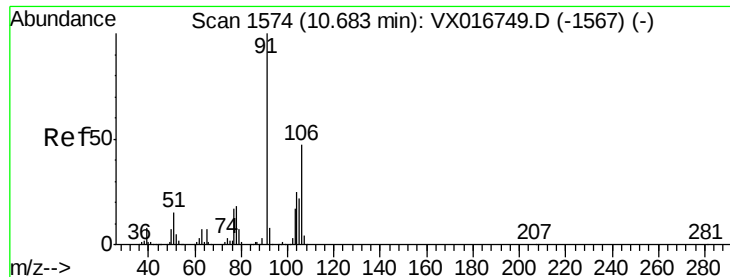
0

10.30

10.40

Time-->





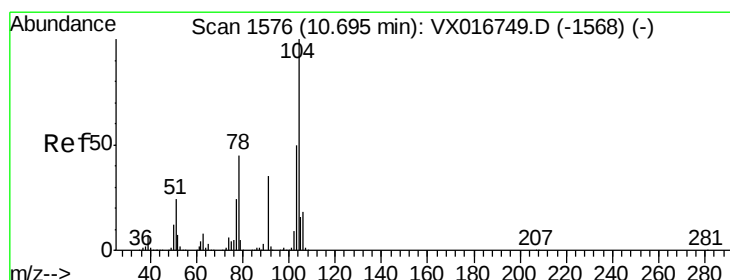
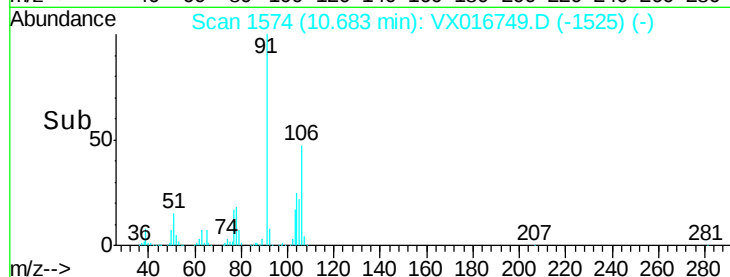
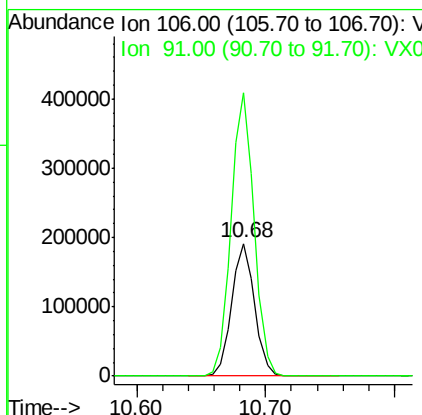
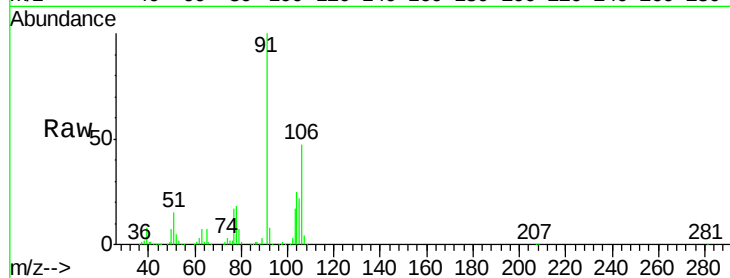
#69
o-Xylene
Concen: 50.216 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		238832		
91	213.9	106.9	320.8		

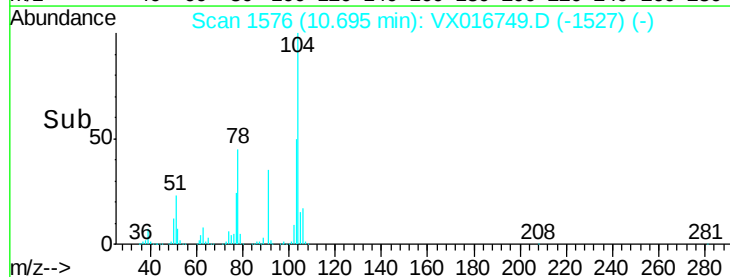
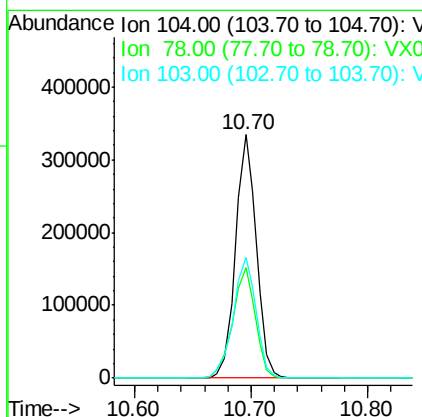
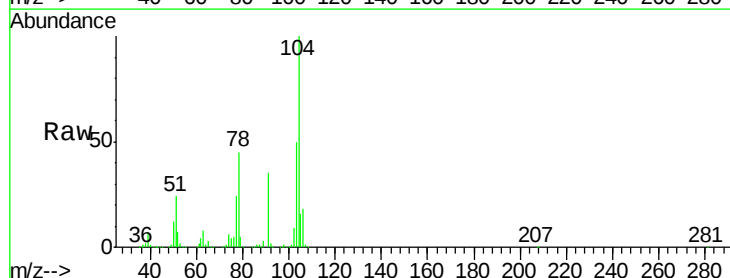
Manual Integrations
APPROVED

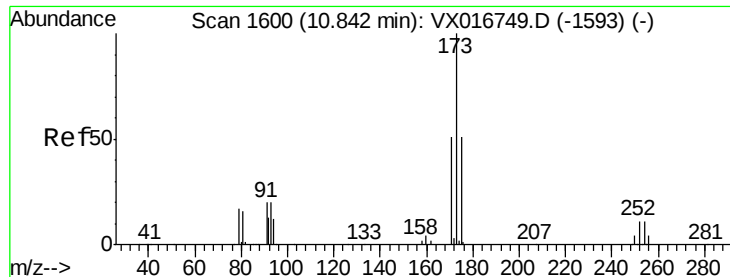
MMDadoda
6/16/2020 3:23:10 PM



#70
Styrene
Concen: 51.184 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		417419		
78	49.8	39.8	59.8		
103	54.3	43.4	65.2		





#71

Bromoform

Concen: 52.987 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 127846

Ion Ratio Lower Upper

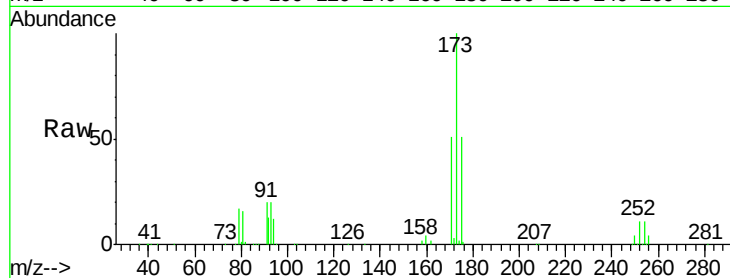
173 100

175 50.3 25.1 75.4

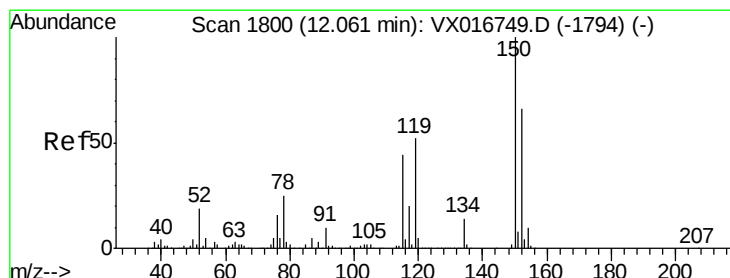
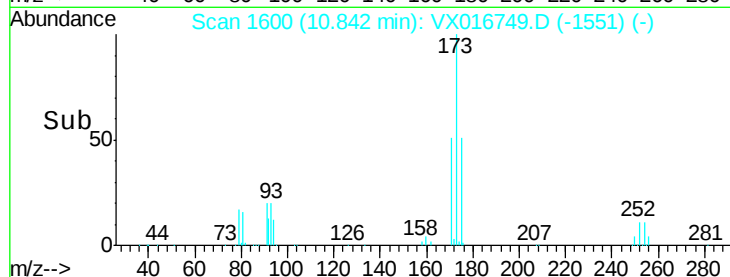
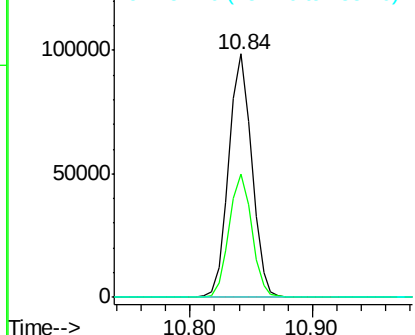
254 0.1 0.1 0.1

Manual Integrations
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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: VX016749.D

Acq: 15 Jun 2020 12:18

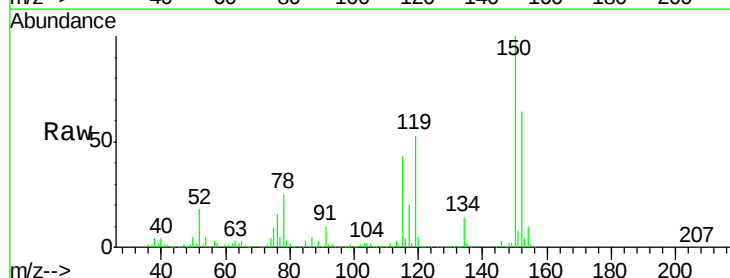
Tgt Ion:152 Resp: 189654

Ion Ratio Lower Upper

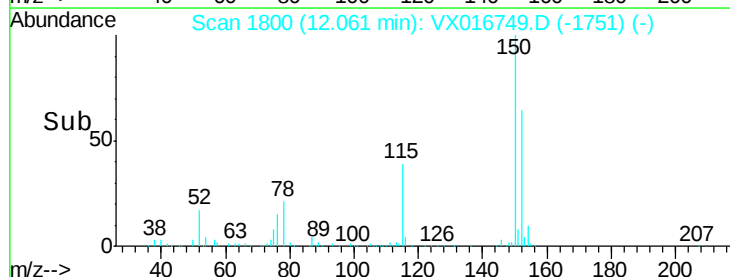
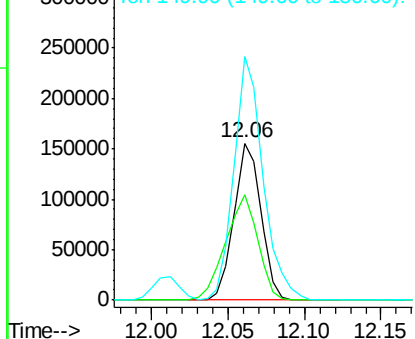
152 100

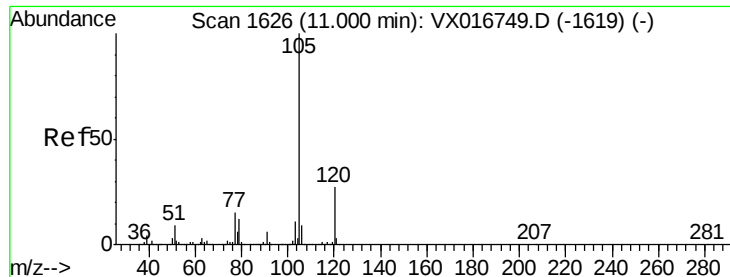
115 80.5 40.3 120.8

150 168.7 0.0 337.4



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





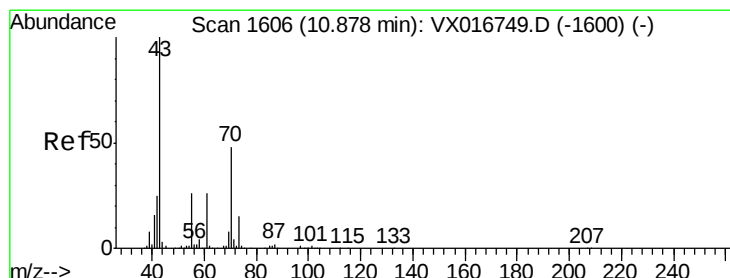
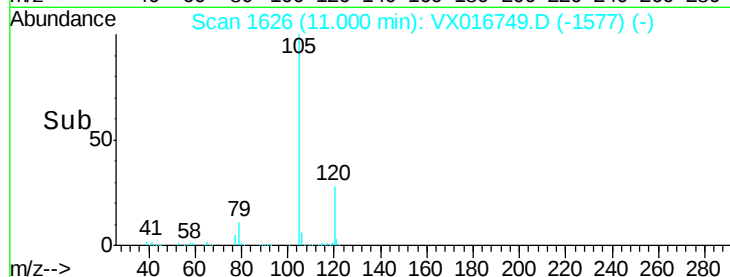
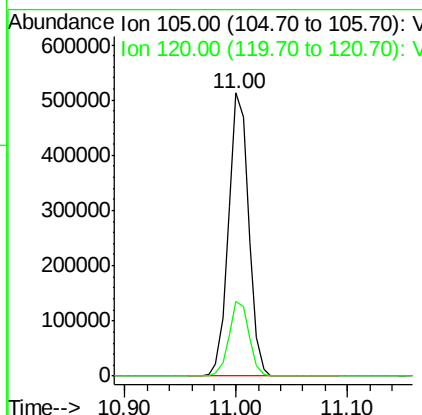
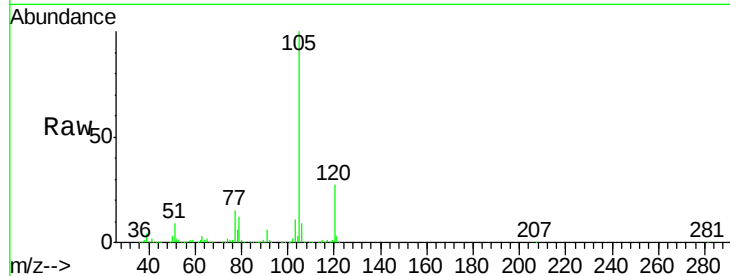
#73
Isopropylbenzene
Concen: 49.130 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5

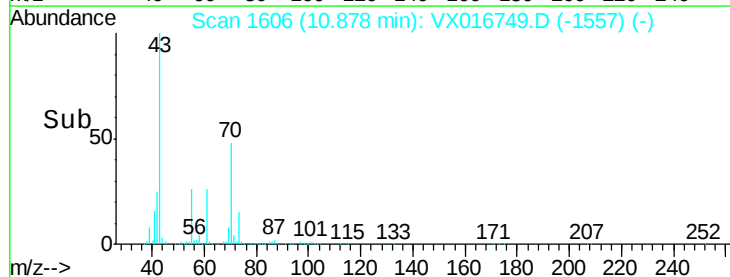
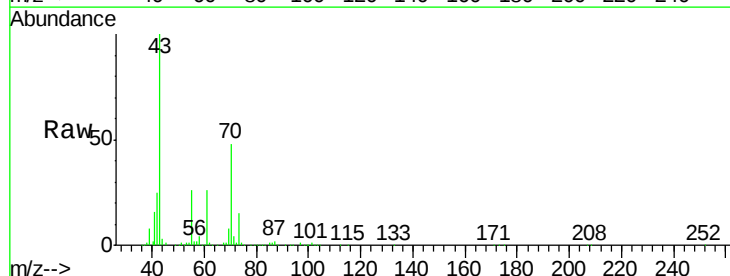
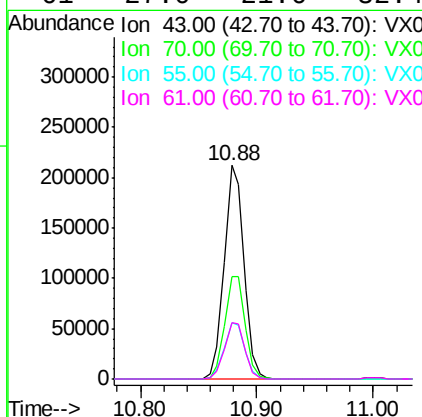
Manual Integrations
APPROVED

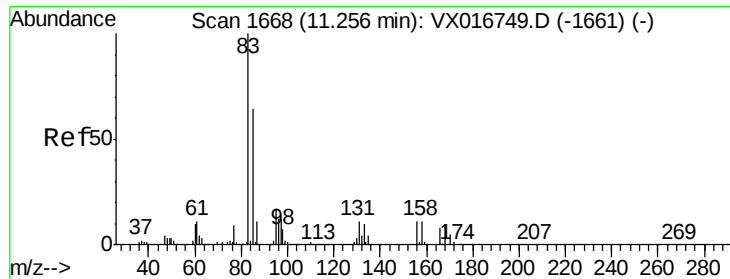
MMDadoda
6/16/2020 3:23:10 PM



#74
N-ethyl acetate
Concen: 42.755 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.7	39.8	59.6
55	27.1	21.7	32.5
61	27.0	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.038 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 174839
Ion Ratio Lower Upper

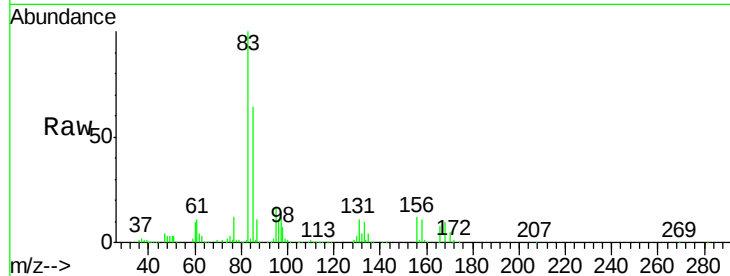
83 100

131 11.3 5.7 17.0

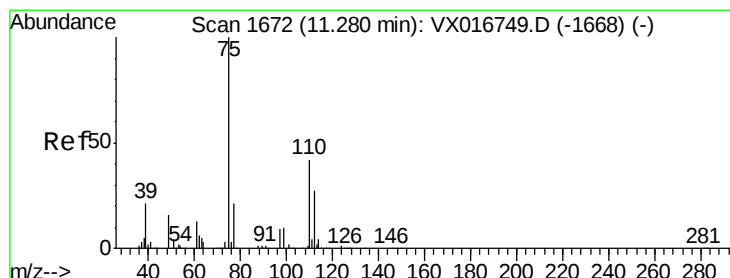
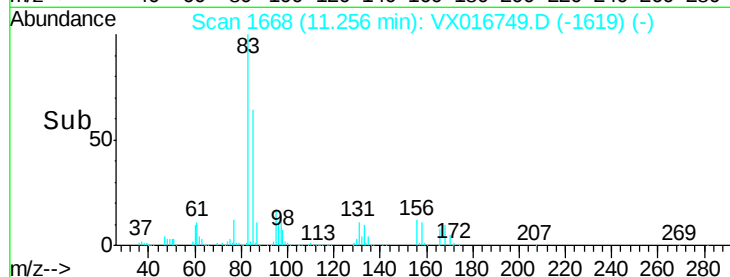
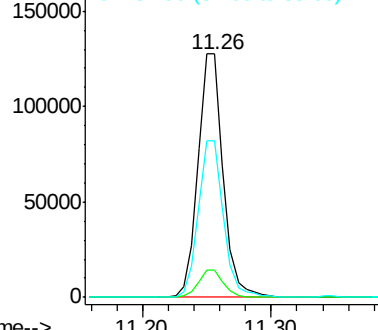
85 64.8 32.4 97.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:10 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): VX0
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.833 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

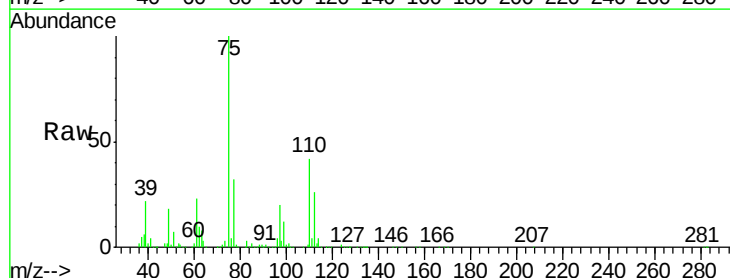
Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

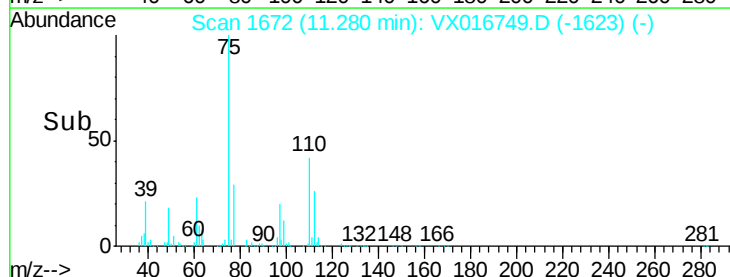
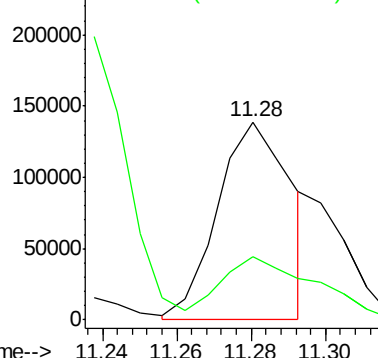
Tgt Ion: 75 Resp: 191658
Ion Ratio Lower Upper

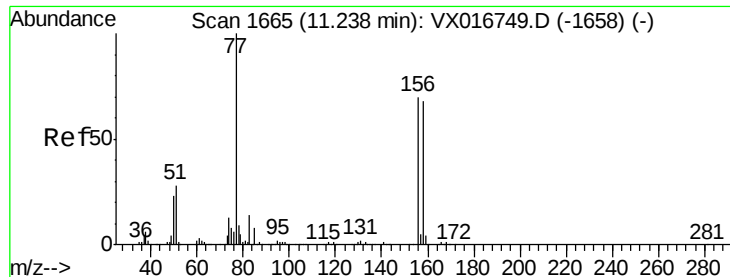
75 100

77 40.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.599 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 170393

Ion Ratio Lower Upper

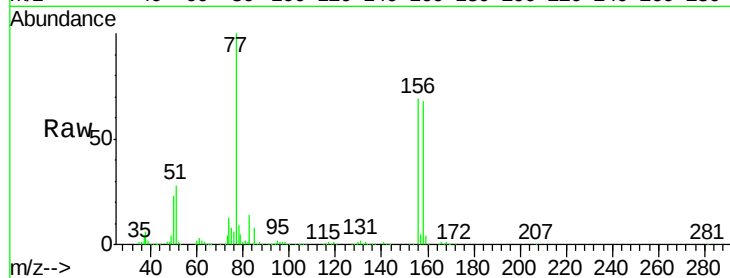
156 100

77 146.4 73.2 219.6

158 97.6 48.8 146.4

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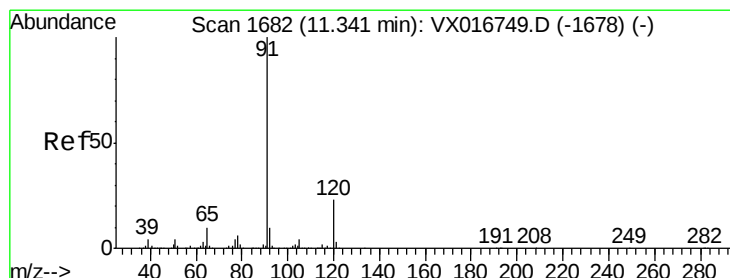
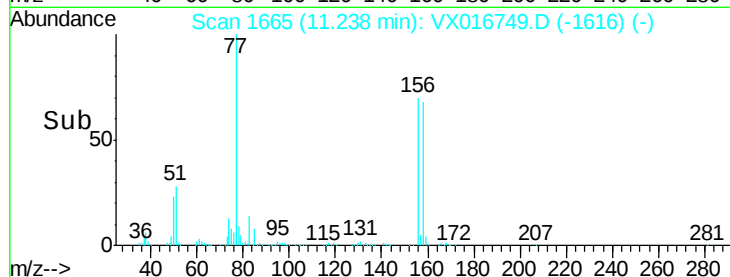
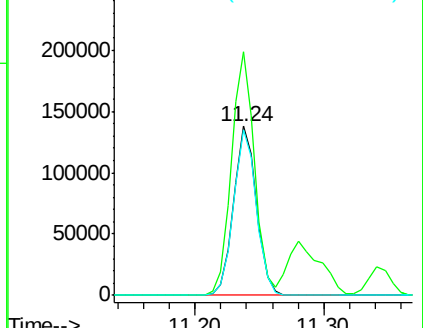
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.554 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016749.D

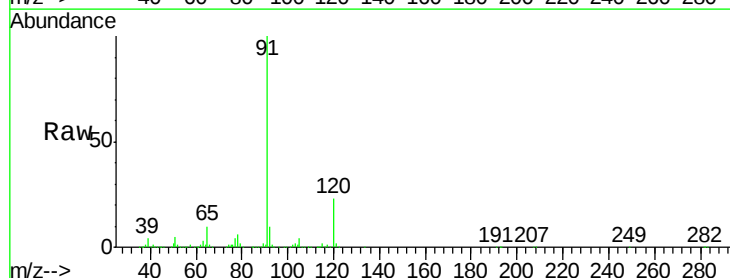
Acq: 15 Jun 2020 12:18

Tgt Ion: 91 Resp: 702295

Ion Ratio Lower Upper

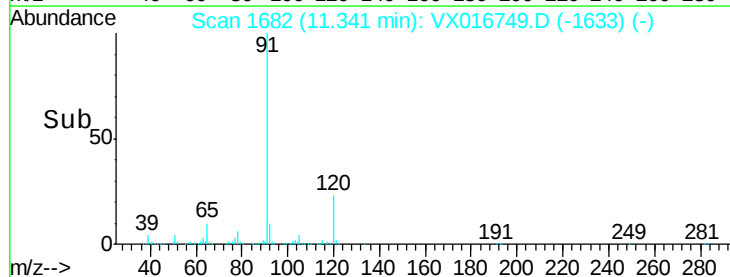
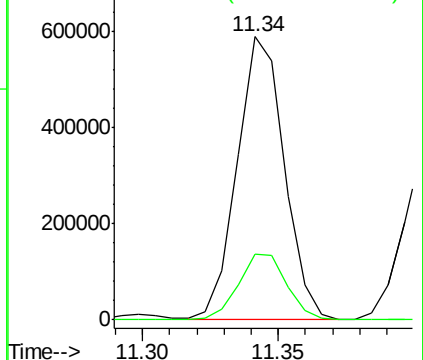
91 100

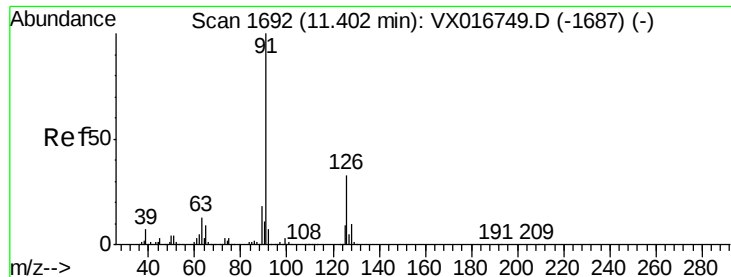
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.154 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 425647

Ion Ratio Lower Upper

91 100

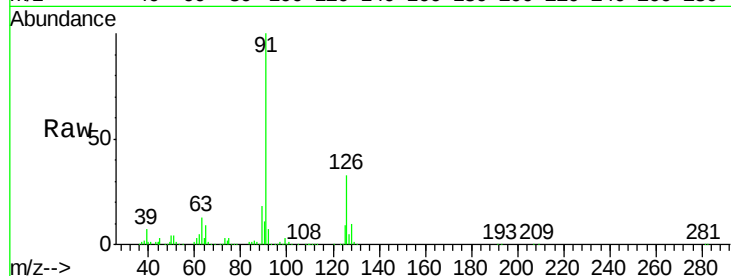
126 34.3 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)

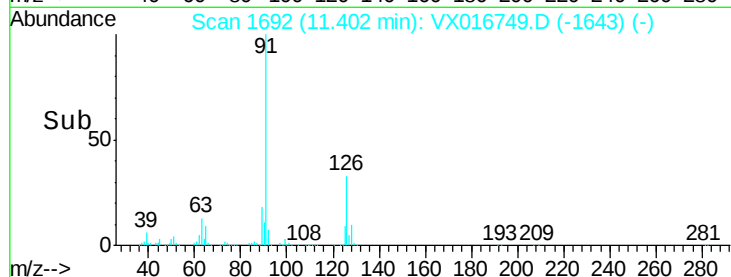
600000

400000

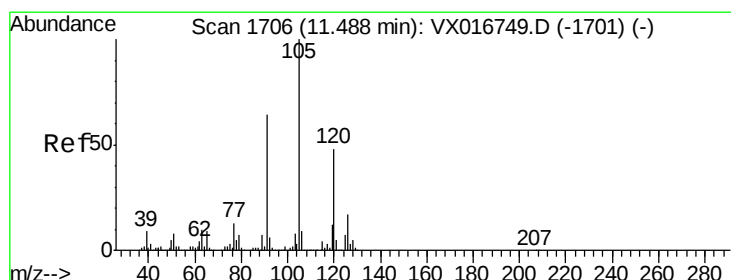
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.712 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016749.D

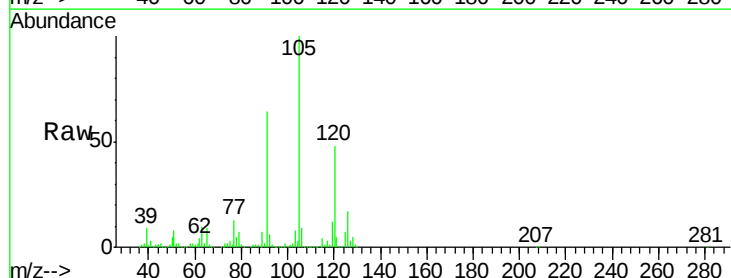
Acq: 15 Jun 2020 12:18

Tgt Ion: 105 Resp: 539408

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)

500000

400000

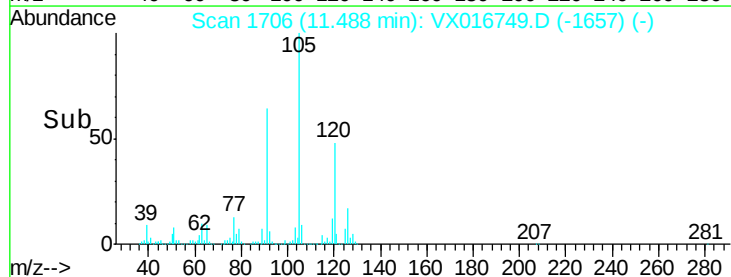
300000

200000

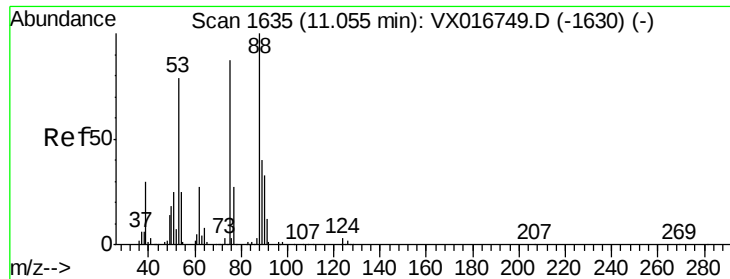
100000

0

11.40 11.50 11.60



Time-->



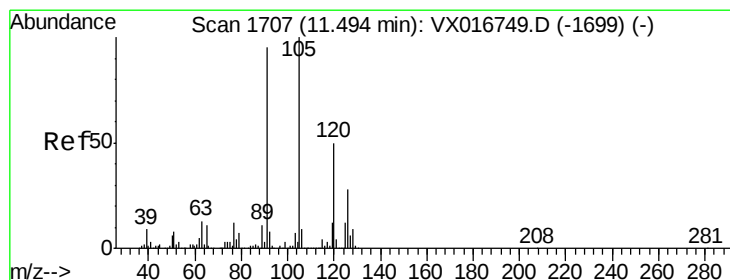
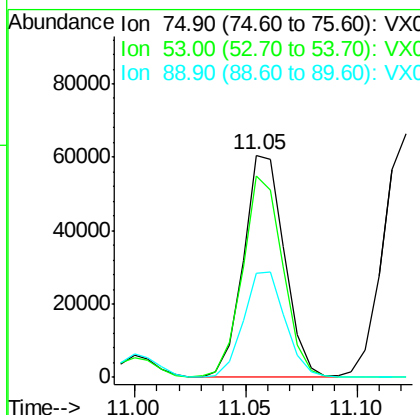
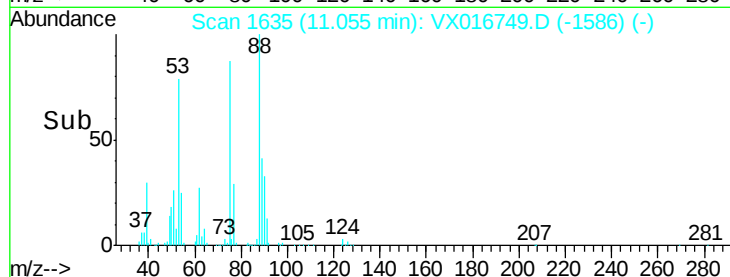
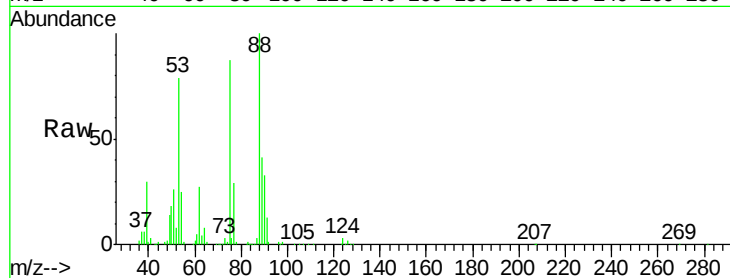
#81
trans-1,4-Dichloro-2-butene
Concen: 46.598 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	71.4	107.0
89	48.9	39.1	58.7

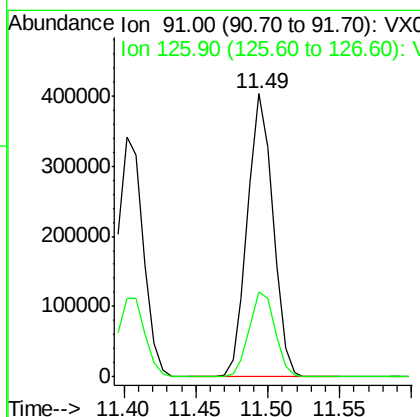
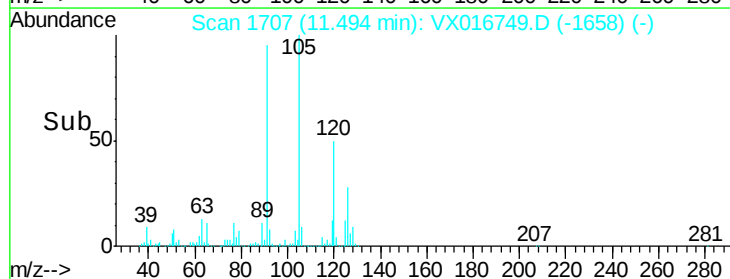
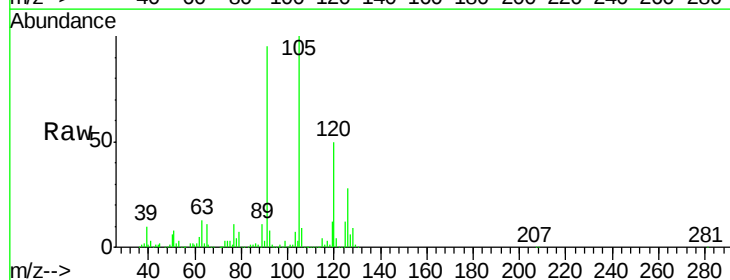
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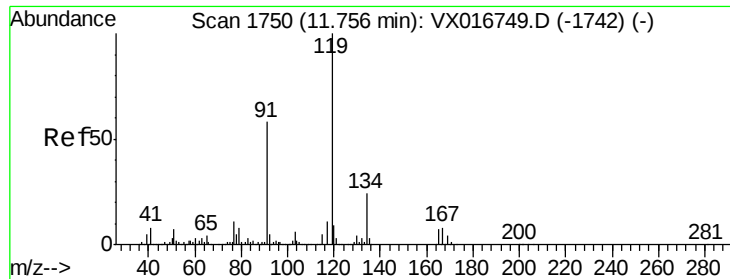
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#82
4-Chlorotoluene
Concen: 47.524 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





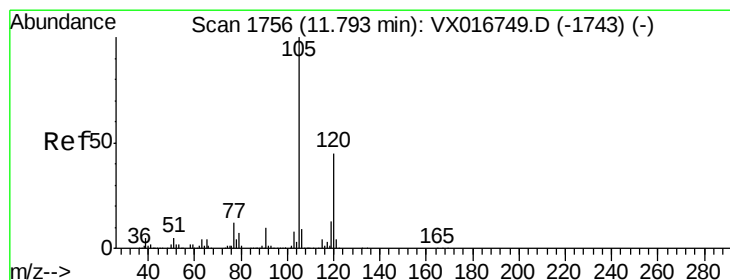
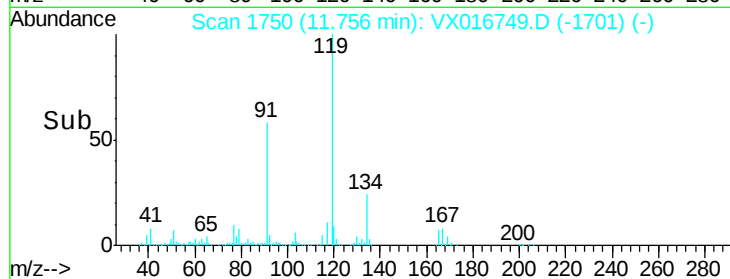
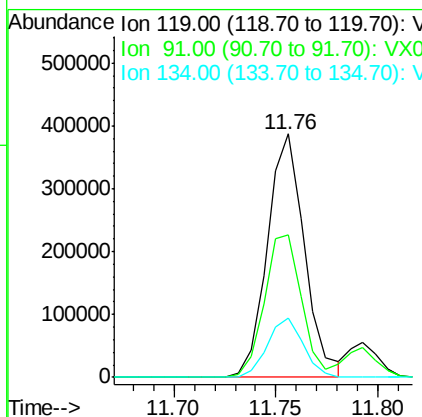
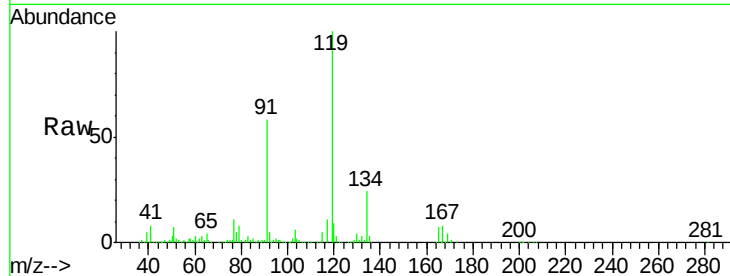
#83
tert-Butylbenzene
Concen: 52.390 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	490693		
91	58.7	29.3	88.0	
134	23.5	11.8	35.3	

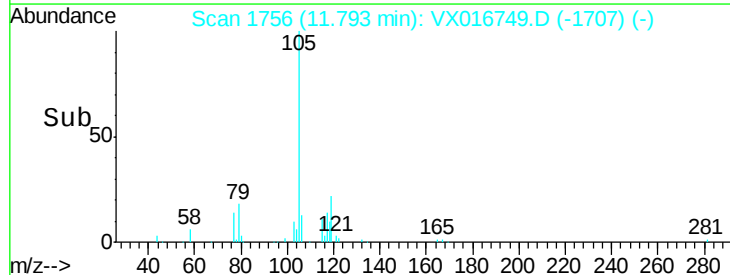
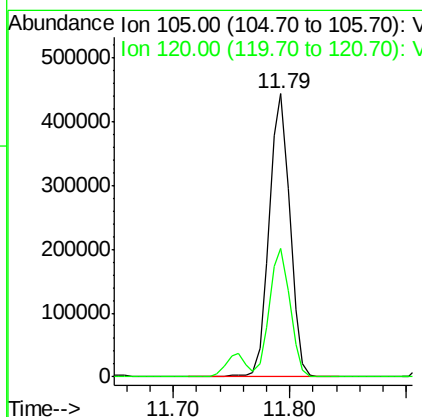
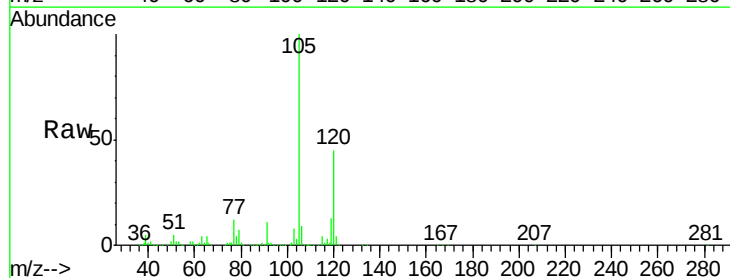
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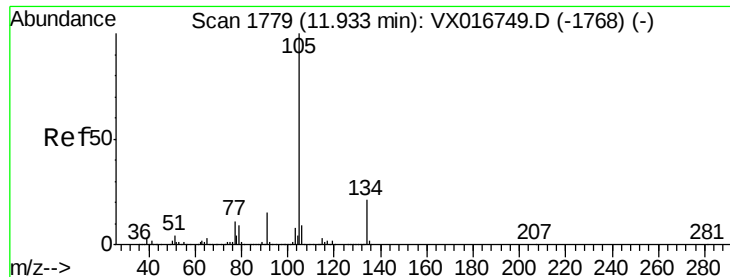
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#84
1,2,4-Trimethylbenzene
Concen: 49.493 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	542913		
120	45.2	22.6	67.8	





#85

sec-Butylbenzene

Concen: 50.254 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 586764

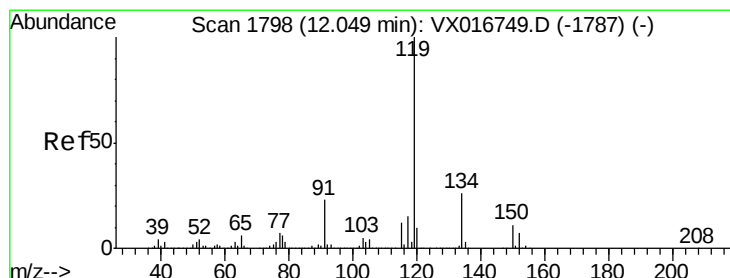
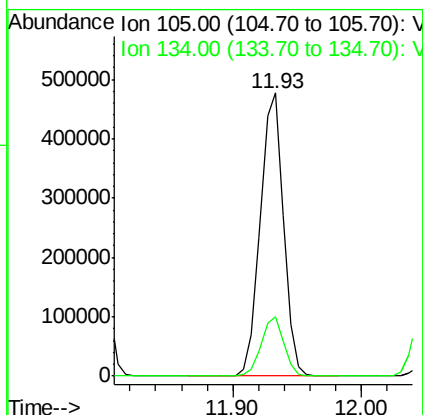
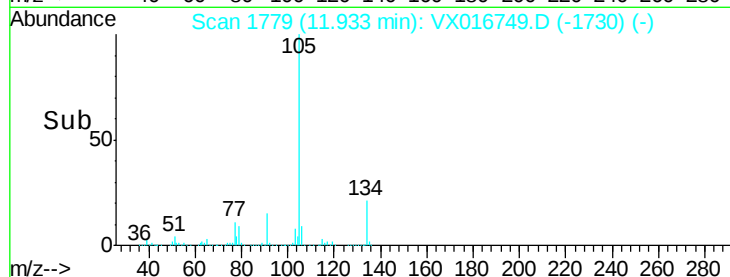
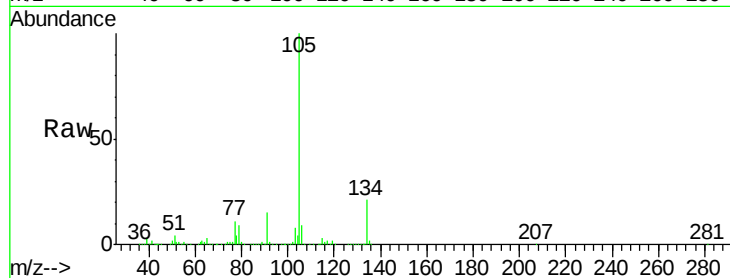
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.364 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

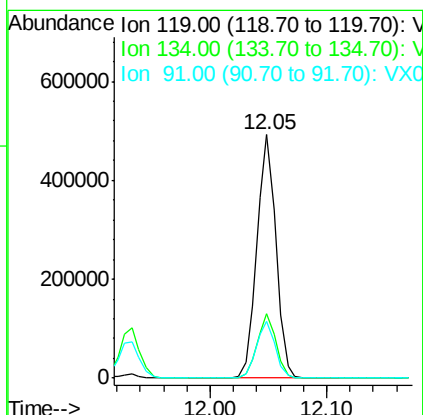
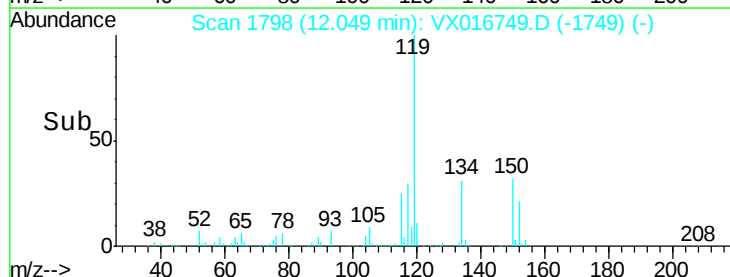
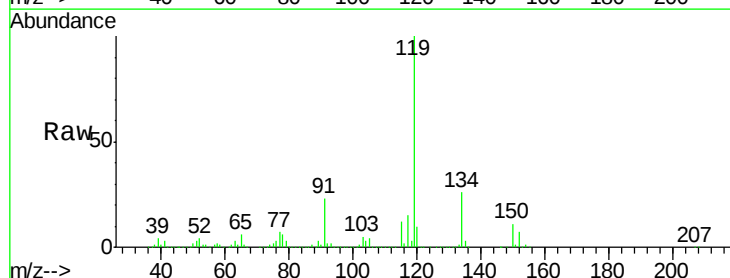
Tgt Ion:119 Resp: 563062

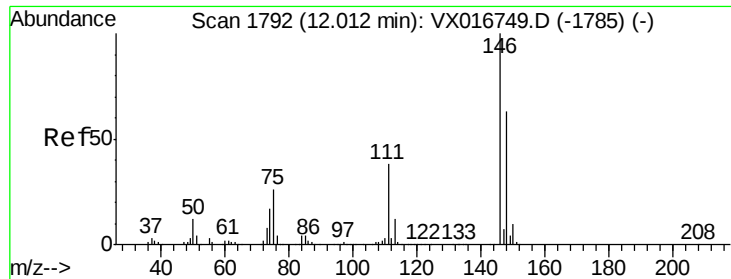
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.1 11.6 34.7





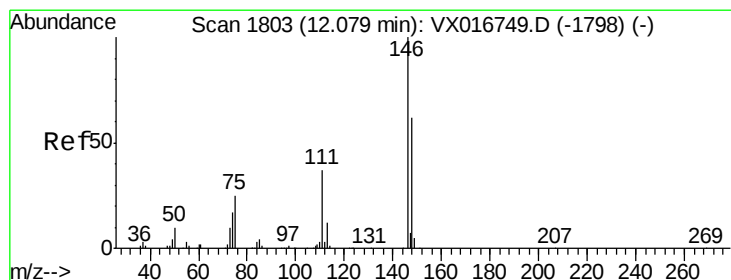
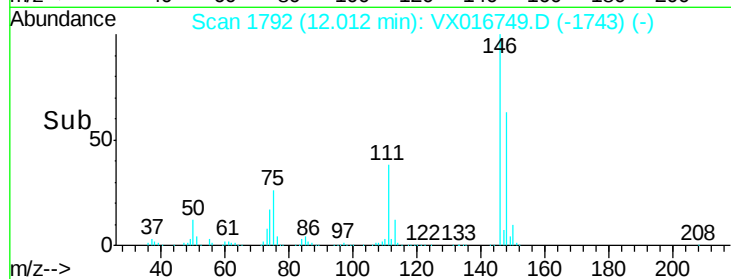
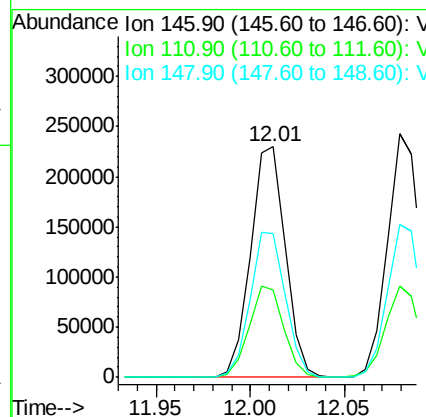
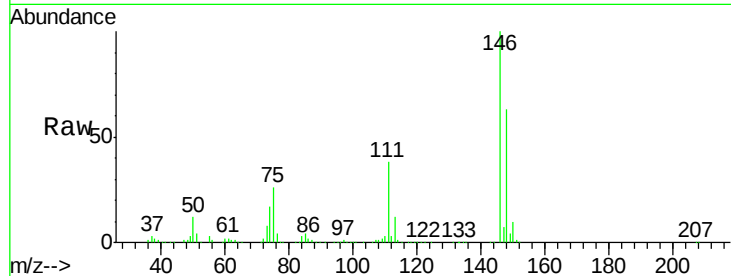
#87
 1,3-Dichlorobenzene
 Concen: 49.516 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	63.8	31.9	95.7

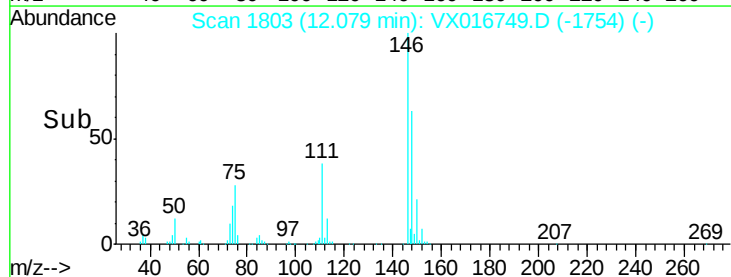
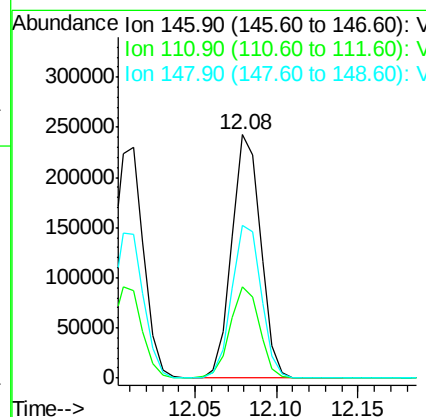
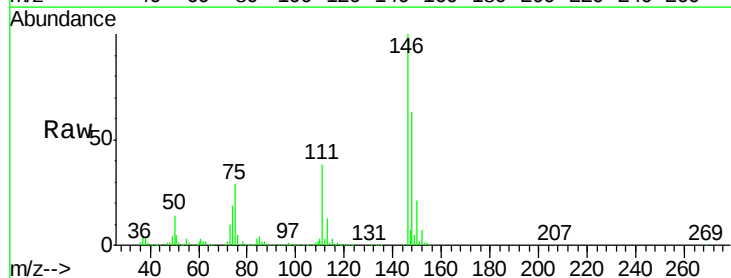
Manual Integrations
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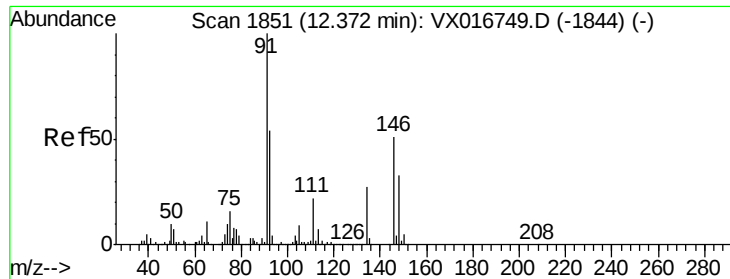
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#88
 1,4-Dichlorobenzene
 Concen: 49.079 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.3	32.1	96.5





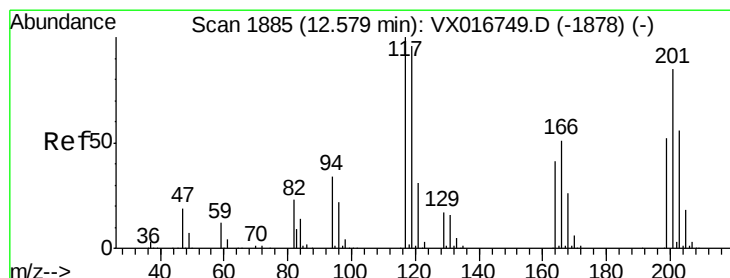
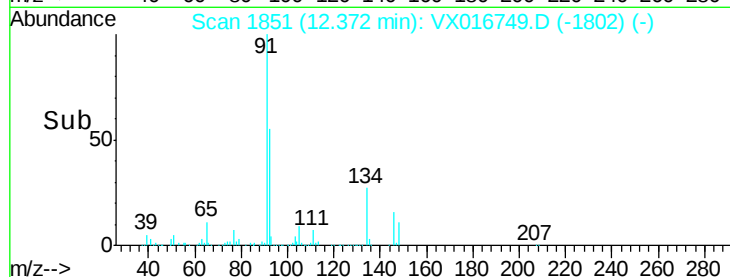
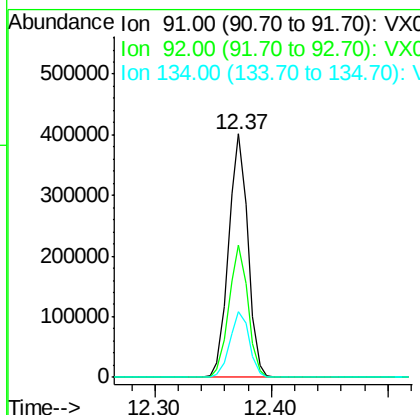
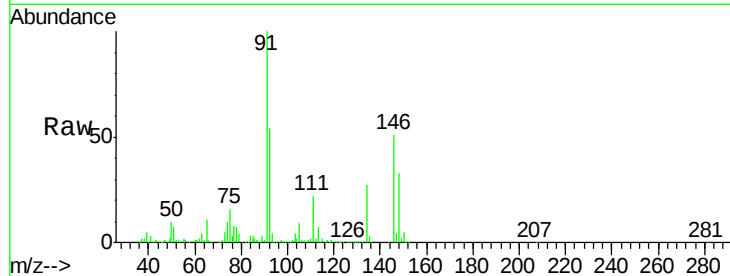
#89
n-Butylbenzene
Concen: 50.602 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	27.3	13.7	41.0

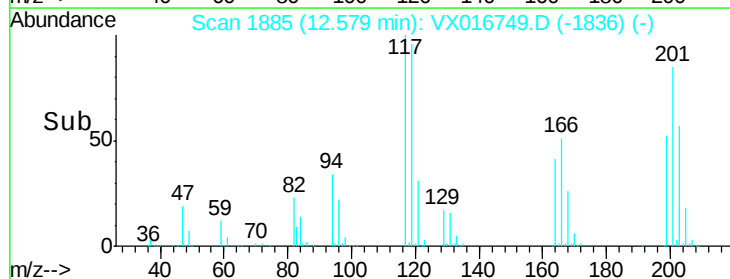
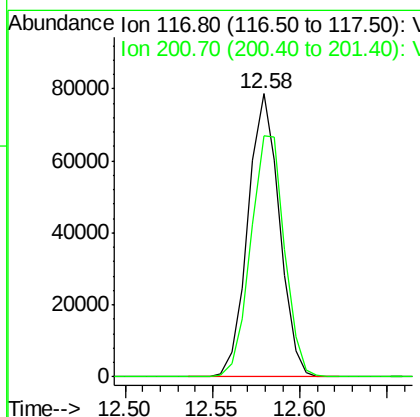
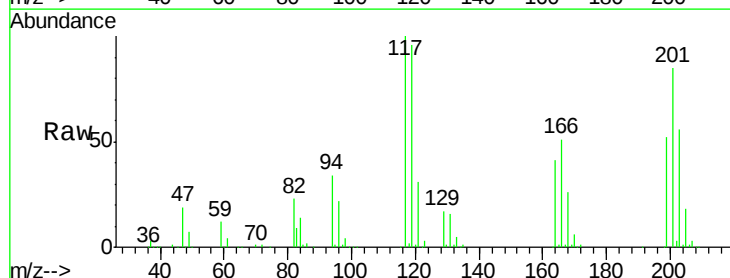
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#90
Hexachloroethane
Concen: 51.754 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016749.D
Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	45.6	136.9





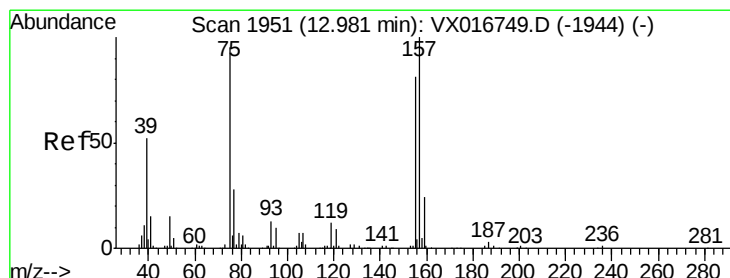
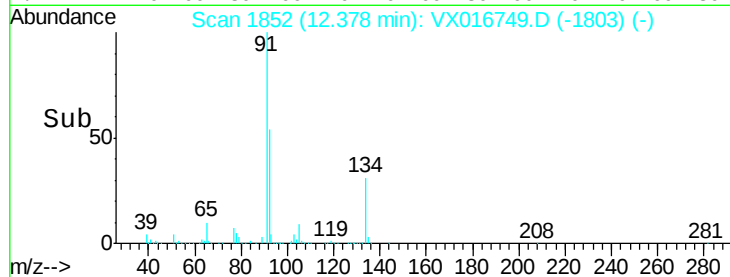
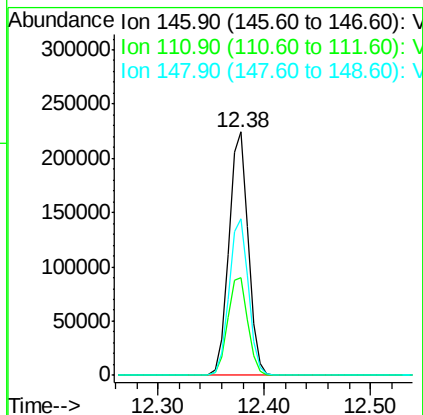
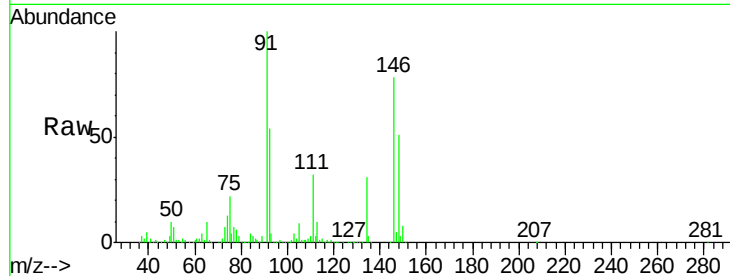
#91
 1,2-Dichlorobenzene
 Concen: 49.541 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.2
148	64.3	32.1	96.5

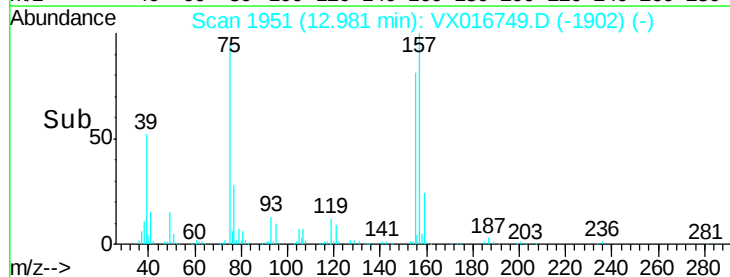
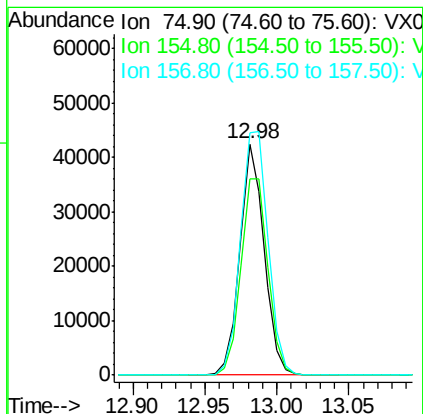
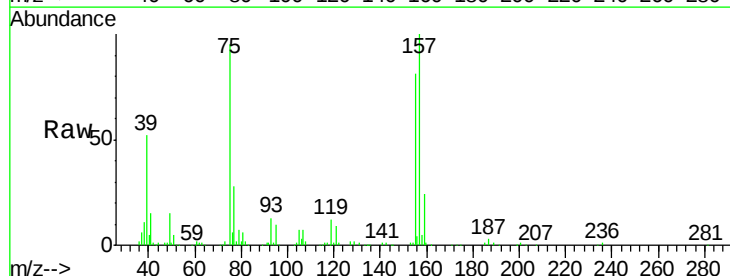
Manual Integrations
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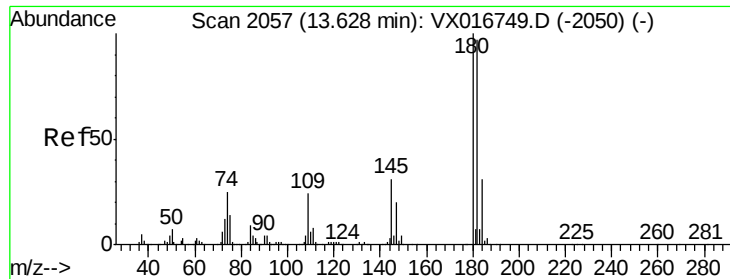
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.292 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.8	46.9	140.7
157	119.1	59.6	178.7





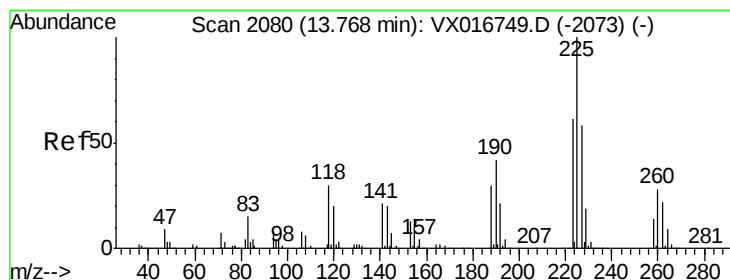
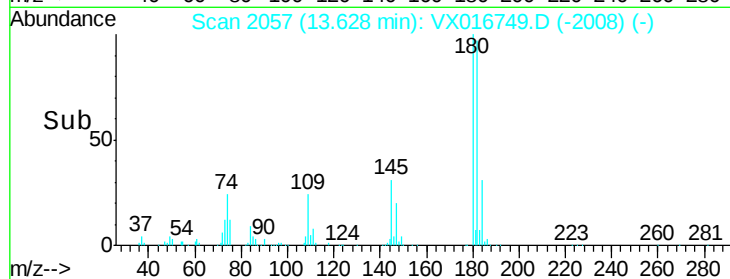
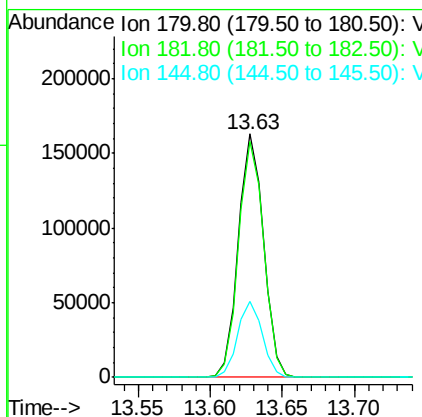
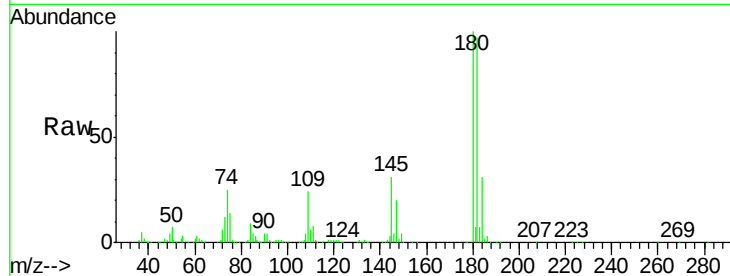
#93
 1,2,4-Trichlorobenzene
 Concen: 51.616 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198291		
182	97.2	48.6	145.8	
145	30.9	15.4	46.4	

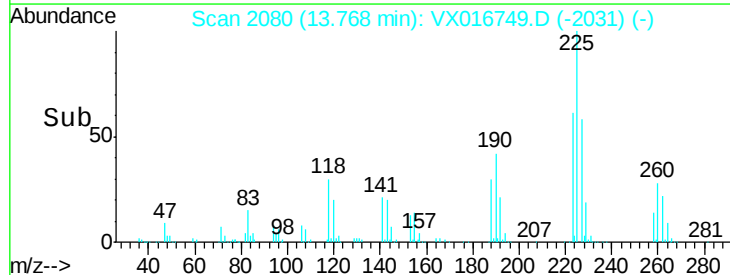
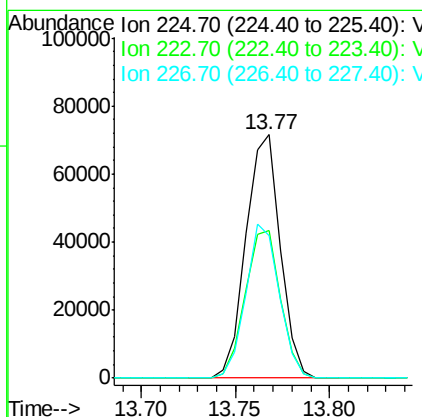
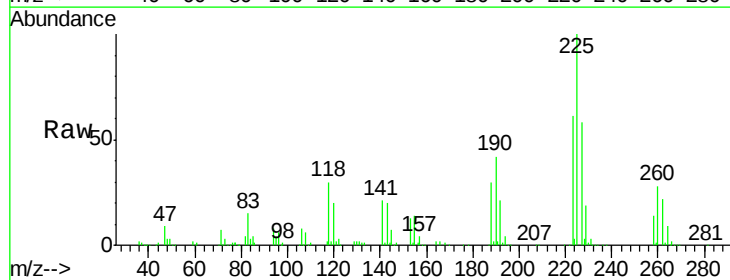
Manual Integrations
 APPROVED

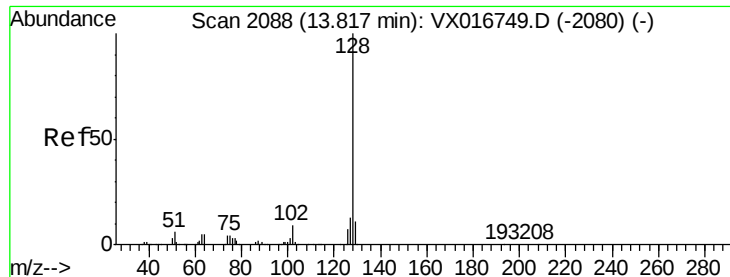
MMDadoda
 6/16/2020 3:23:10 PM



#94
 Hexachlorobutadiene
 Concen: 57.977 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016749.D
 Acq: 15 Jun 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90581		
223	62.3	31.1	93.5	
227	61.8	30.9	92.7	





#95

Naphthalene

Concen: 50.634 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Instrument :

MSVOA_X

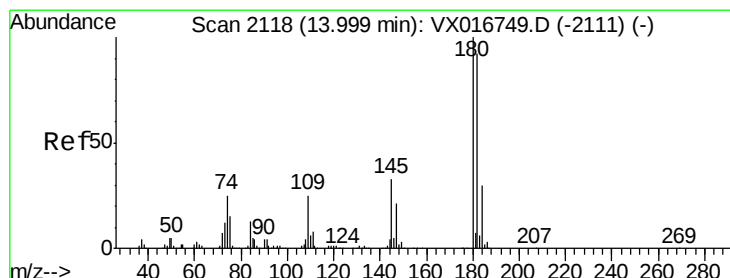
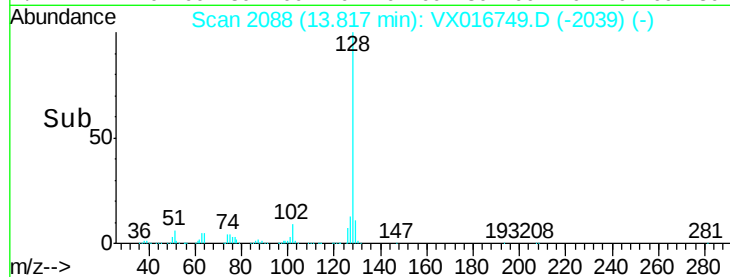
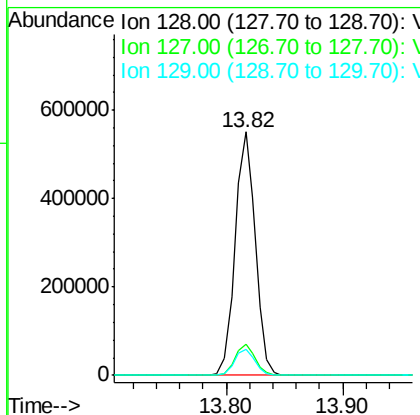
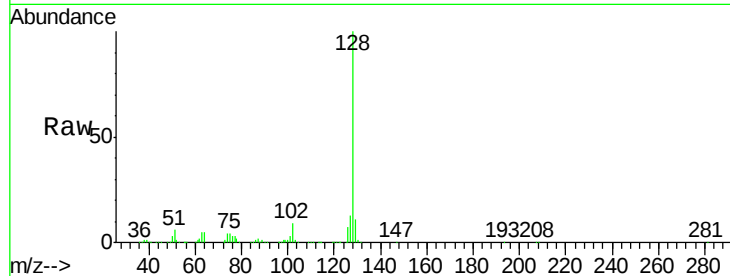
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	661882
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.689 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016749.D

Acq: 15 Jun 2020 12:18

Tgt Ion:	180	Resp:	199956
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.1	141.4
145	31.8	15.9	47.7

