

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017272.D
 Acq On : 08 Jul 2020 21:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:56 AM

Quant Time: Jul 09 05:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	57068	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	286659	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	269455	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	123457	27.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.63%
60) 4-Bromofluorobenzene	11.12	95	135745	30.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.70%
63) Toluene-d8	8.70	98	347315	29.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	41124	14.819	ug/l 95
3) Chloromethane	1.31	50	46552	12.370	ug/l 98
4) Vinyl Chloride	1.39	62	47729	12.437	ug/l 93
5) Bromomethane	1.63	94	33382	12.081	ug/l 99
6) Chloroethane	1.72	64	31089	12.560	ug/l 99
7) Trichlorofluoromethane	1.92	101	80044	12.825	ug/l 97
8) Diethyl Ether	2.17	74	28457	12.531	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44062	13.302	ug/l 90
10) 1,1-Dichloroethene	2.36	96	45751	14.004	ug/l 87
11) Methyl Iodide	2.49	142	43947	10.075	ug/l 97
12) Methyl Acetate	2.75	43	63488	15.406	ug/l 97
13) Acrolein	2.27	56	53093	81.649	ug/l 99
14) Acrylonitrile	3.12	53	144652	74.112	ug/l 98
15) Acetone	2.42	58	39194	77.596	ug/l 93
16) Carbon Disulfide	2.55	76	123592	12.034	ug/l 98
17) Allyl chloride	2.71	41	82263	13.451	ug/l 96
18) Methylene Chloride	2.84	84	55634	14.138	ug/l 91
19) trans-1,2-Dichloroethene	3.14	96	52066	14.066	ug/l 94
20) Diisopropyl ether	3.82	45	170701	13.966	ug/l 96
21) 1,1-Dichloroethane	3.67	63	96731	14.353	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	58282	14.142	ug/l 93
23) tert-Butyl Alcohol	3.01	59	59435	68.744	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	173444	14.868	ug/l 98
25) Chloroform	5.18	83	100255	14.672	ug/l 100
26) Cyclohexane	5.55	56	66237	11.267	ug/l # 94
29) 1,1-Dichloropropene	5.77	75	65377	14.000	ug/l 98
30) 2-Butanone	4.64	43	200204	82.250	ug/l 99
31) 2,2-Dichloropropane	4.55	77	73665	13.755	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	89697	15.874	ug/l 97
33) Carbon Tetrachloride	5.76	117	78397	15.645	ug/l 97
34) Benzene	6.12	78	207636	15.270	ug/l 98
35) Methacrylonitrile	5.00	41	43580	16.223	ug/l 93
36) 1,2-Dichloroethane	6.17	62	82564	15.854	ug/l 100
37) Trichloroethene	7.19	130	60239	16.236	ug/l 89
38) Methylcyclohexane	7.44	83	65288	12.277	ug/l 99
39) 1,2-Dichloropropane	7.49	63	55125	15.561	ug/l 98
40) Dibromomethane	7.64	93	39232	16.069	ug/l 89

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	81178	16.057	ug/l	94
42) Vinyl Acetate	3.79	43	745569	76.009	ug/l	98
43) Ethyl Acetate	4.79	43	81371	16.139	ug/l	99
44) Isopropyl Acetate	6.42	43	123528	14.864	ug/l	97
45) 1,4-Dioxane	7.71	88	23668	282.295	ug/l	96
46) Methyl methacrylate	7.74	41	60249	15.666	ug/l	94
47) n-amyl Acetate	10.88	43	103295	14.062	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	82087	14.685	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	89658	15.262	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	56948	16.713	ug/l	97
51) Ethyl methacrylate	9.16	69	80873	15.466	ug/l	97
52) 1,3-Dichloropropane	9.35	76	95659	16.352	ug/l	100
53) Dibromochloromethane	9.57	129	67963	17.354	ug/l	98
54) 1,2-Dibromoethane	9.65	107	62213	17.207	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	229675	83.464	ug/l	97
56) Bromoform	10.84	173	53133	19.112	ug/l #	97
58) 4-Methyl-2-Pentanone	8.62	43	399361	80.461	ug/l	97
59) 2-Hexanone	9.47	43	294429	79.484	ug/l	97
61) Tetrachloroethene	9.32	164	57770	16.811	ug/l	93
62) Toluene	8.76	91	219333	14.882	ug/l	99
64) Chlorobenzene	10.12	112	146428	15.859	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	59219	17.037	ug/l	98
66) Ethyl Benzene	10.24	91	237418	14.527	ug/l	99
67) m/p-Xylenes	10.34	106	185082	30.020	ug/l	97
68) o-Xylene	10.68	106	87450	14.766	ug/l	100
69) Styrene	10.70	104	155216	15.307	ug/l	97
70) Isopropylbenzene	11.00	105	234672	14.609	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	82722	16.768	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	81743m	17.255	ug/l	
73) Bromobenzene	11.24	156	68121	16.804	ug/l	95
74) n-propylbenzene	11.34	91	263038	13.792	ug/l	98
75) 2-Chlorotoluene	11.40	91	167809	15.088	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	200342	14.859	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	28306	14.743	ug/l	97
78) 4-Chlorotoluene	11.49	91	199306	15.135	ug/l	100
79) tert-butylbenzene	11.76	119	193169	14.955	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	203396	15.026	ug/l	99
81) sec-Butylbenzene	11.93	105	212395	13.582	ug/l	100
82) p-Isopropyltoluene	12.05	119	200834	14.223	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	117137	16.124	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	120909	16.564	ug/l	99
85) n-Butylbenzene	12.37	91	164232	12.566	ug/l	99
86) Hexachloroethane	12.58	117	39330	14.233	ug/l	87
87) 1,2-Dichlorobenzene	12.38	146	116774	17.173	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19355	17.245	ug/l	89
89) 1,2,4-Trichlorobenzene	13.63	180	73552	16.033	ug/l	99
90) Hexachlorobutadiene	13.76	225	25898	14.840	ug/l	99
91) Naphthalene	13.82	128	243563	16.197	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	74378	16.613	ug/l	98

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QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

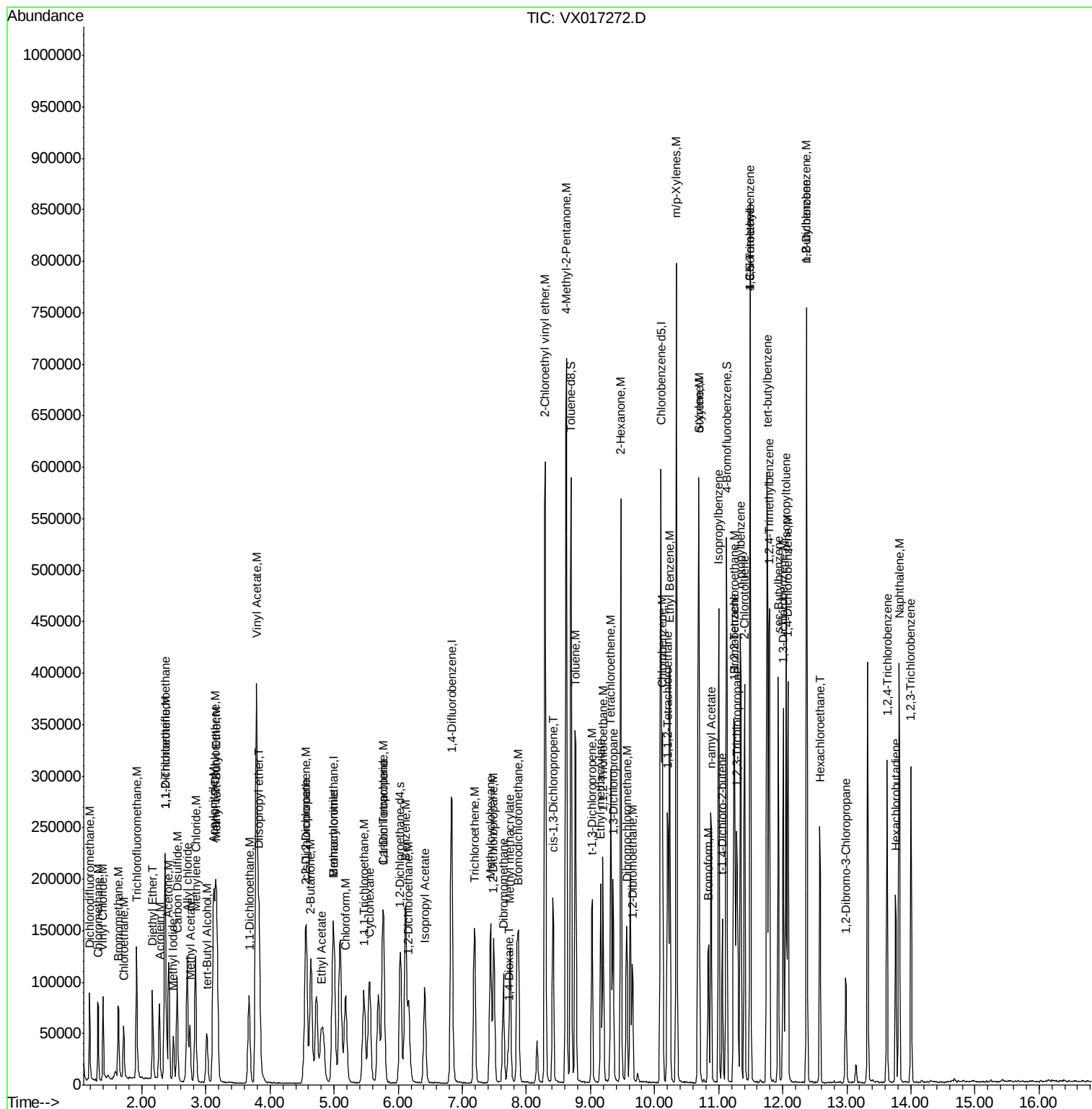
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070820\
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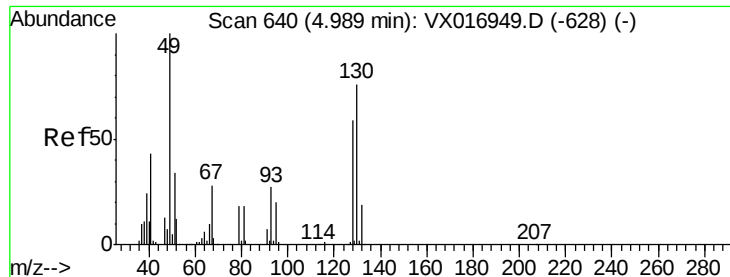
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

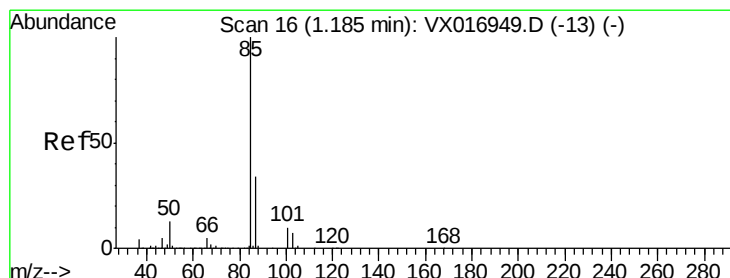
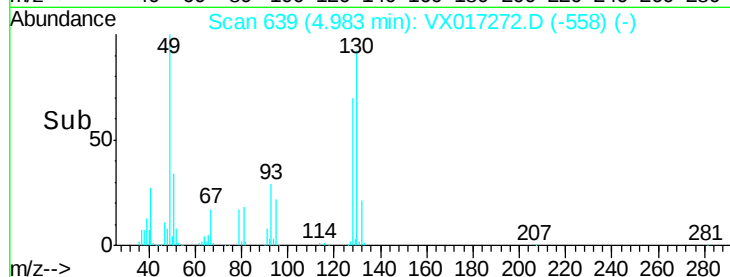
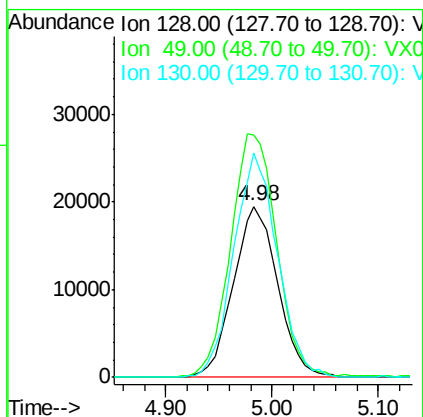
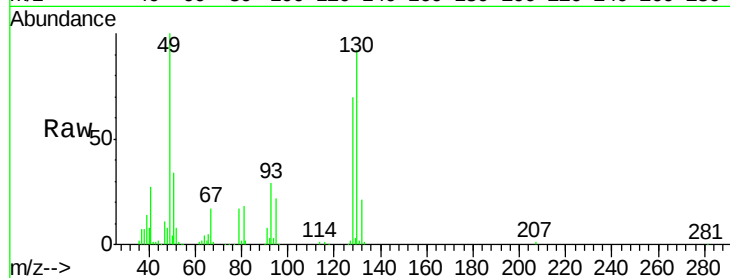
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	57068
Ion	Ratio	Lower	Upper
128	100		
49	148.1	0.0	428.0
130	129.4	0.0	318.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 14.819 ug/l

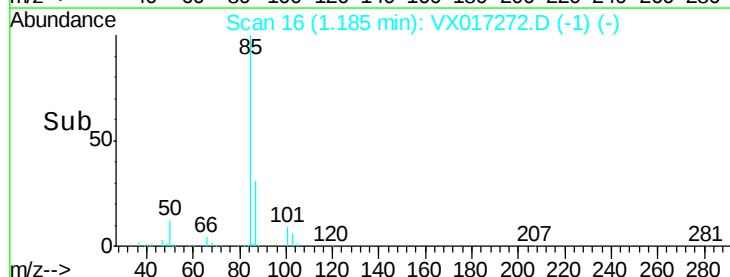
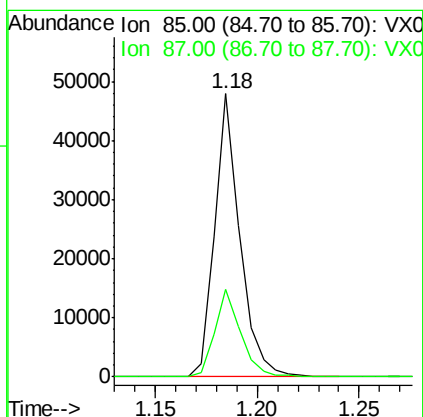
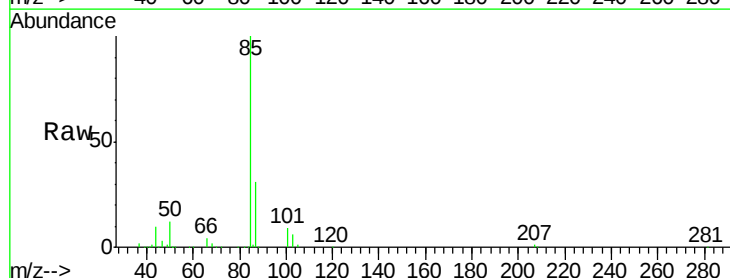
RT: 1.18 min Scan# 16

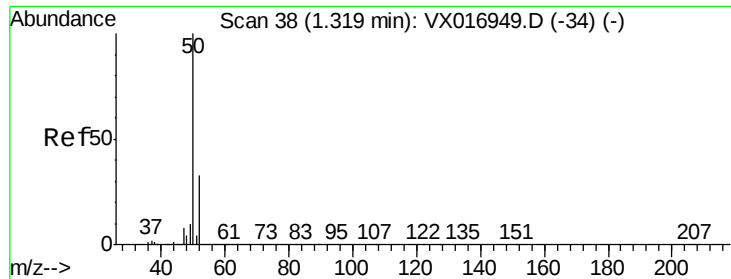
Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	85	Resp:	41124
Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.9	50.7





#3

Chloromethane

Concen: 12.370 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 46552

Ion Ratio Lower Upper

50 100

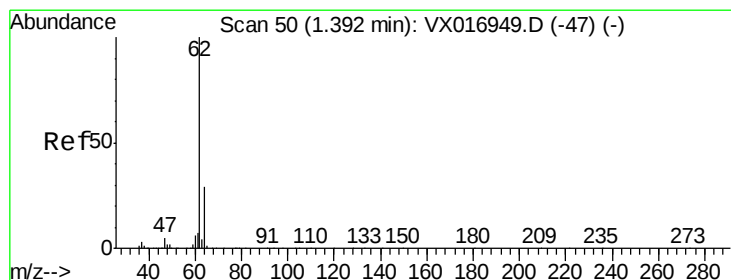
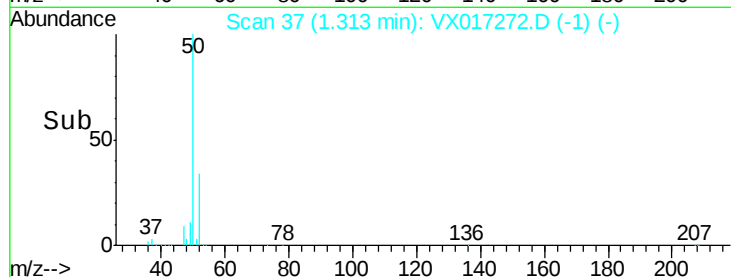
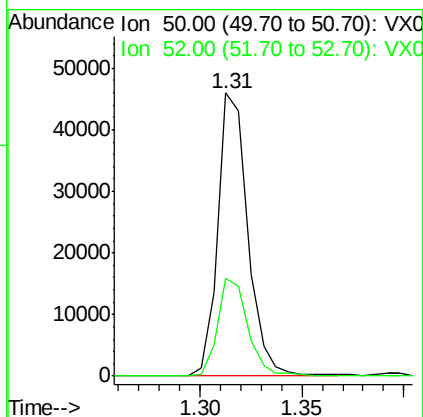
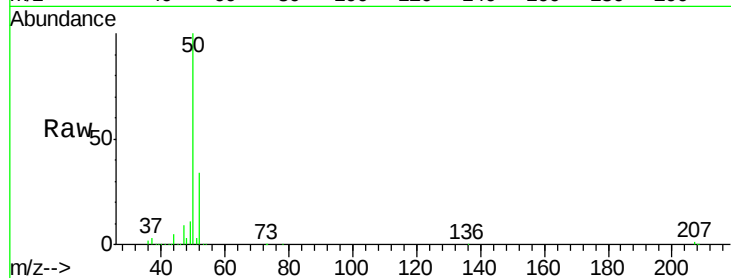
52 34.3 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 12.437 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017272.D

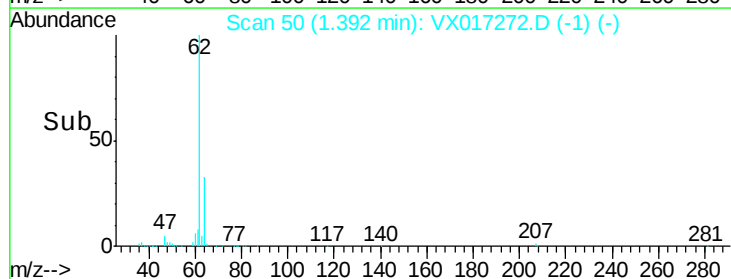
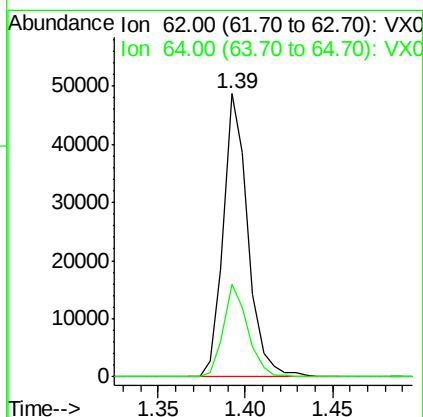
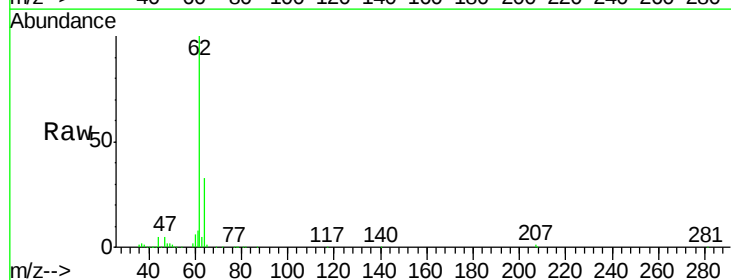
Acq: 08 Jul 2020 21:53

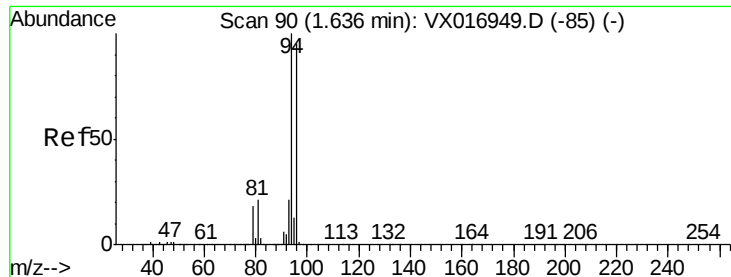
Tgt Ion: 62 Resp: 47729

Ion Ratio Lower Upper

62 100

64 32.7 23.4 35.0





#5

Bromomethane

Concen: 12.081 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 94 Resp: 33382

Ion Ratio Lower Upper

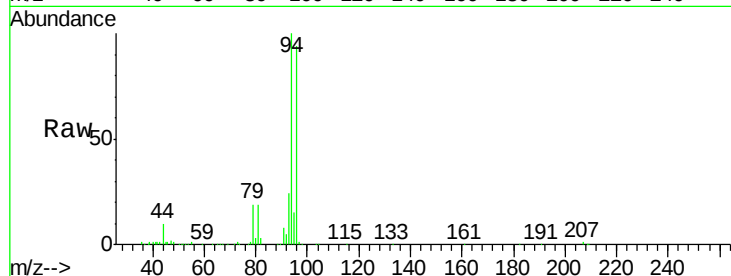
94 100

96 93.9 75.5 113.3

Manual Integrations
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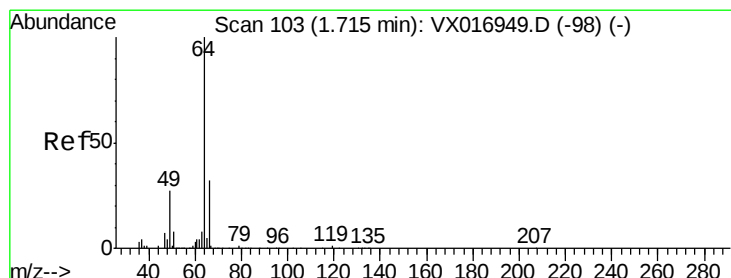
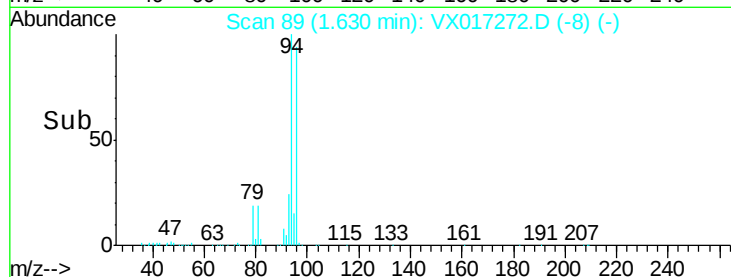
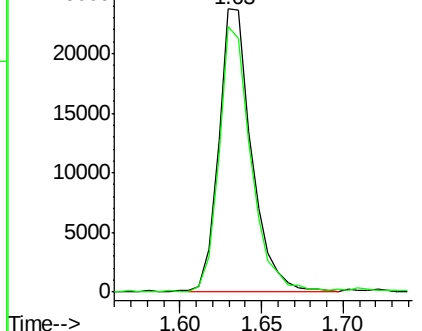
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 12.560 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017272.D

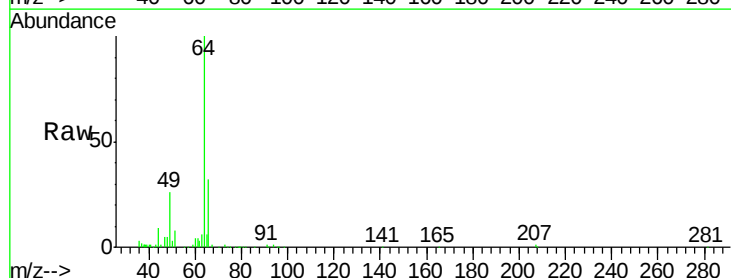
Acq: 08 Jul 2020 21:53

Tgt Ion: 64 Resp: 31089

Ion Ratio Lower Upper

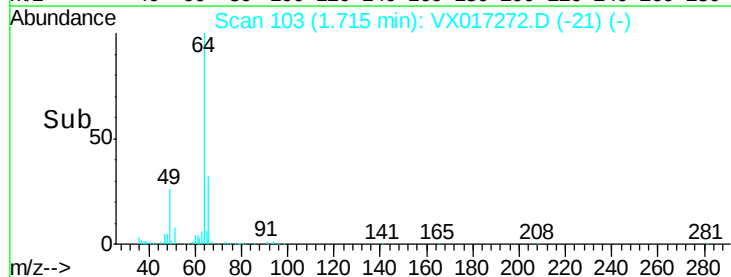
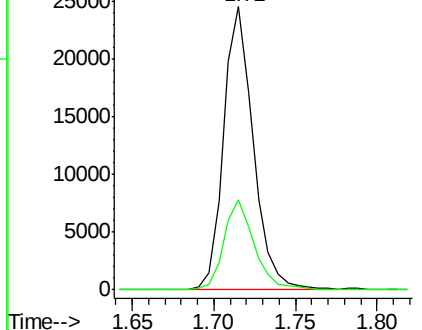
64 100

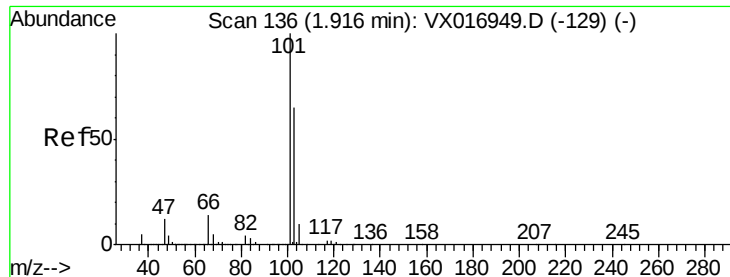
66 31.9 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

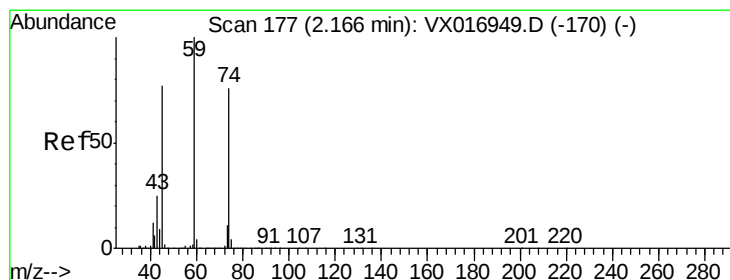
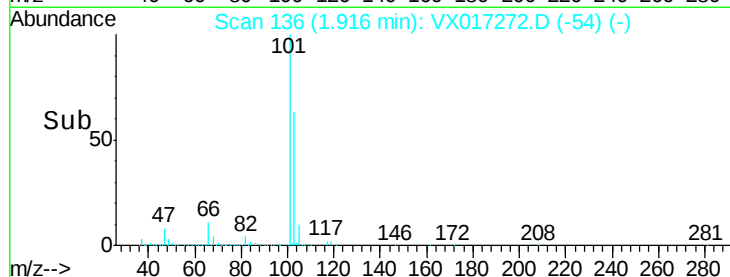
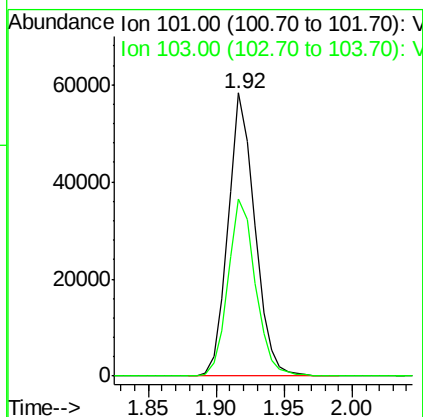
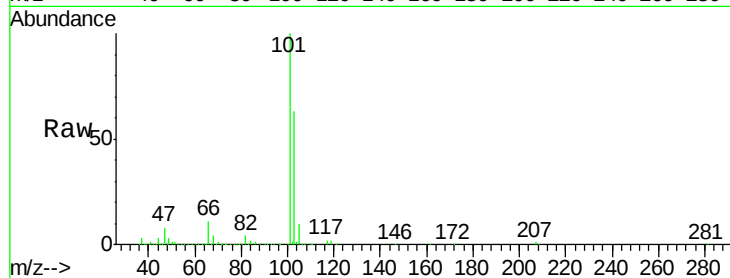
Trichlorofluoromethane
Concen: 12.825 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.1	78.1

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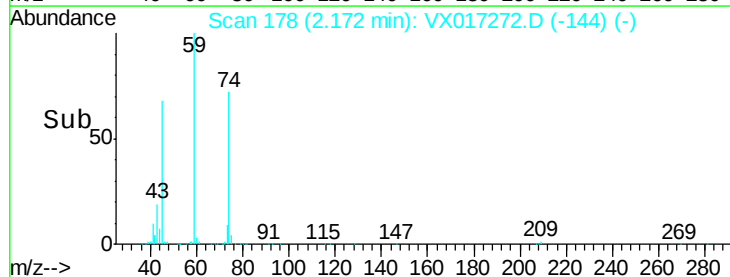
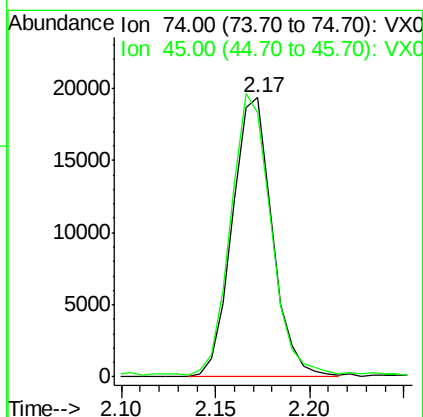
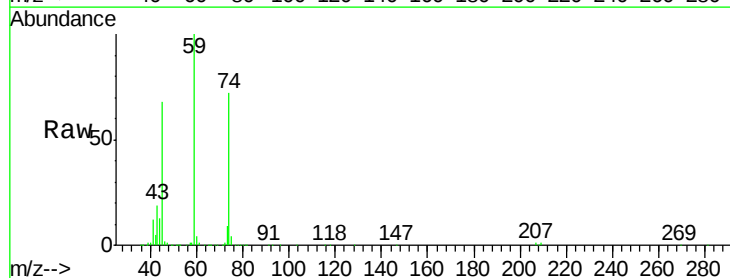
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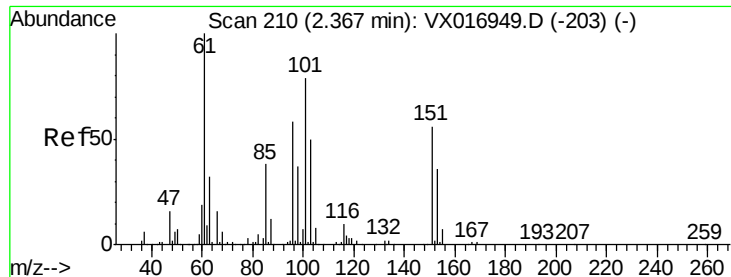


#8

Diethyl Ether
Concen: 12.531 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.302 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

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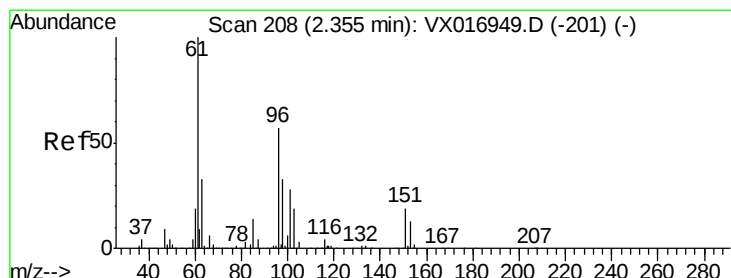
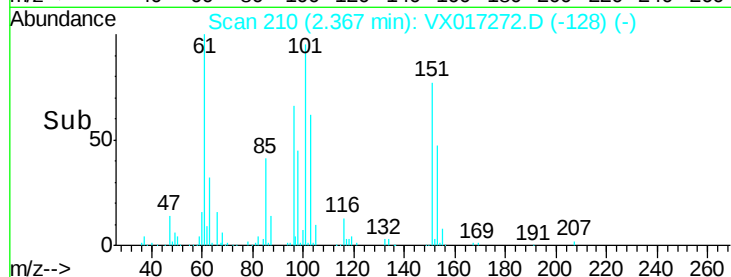
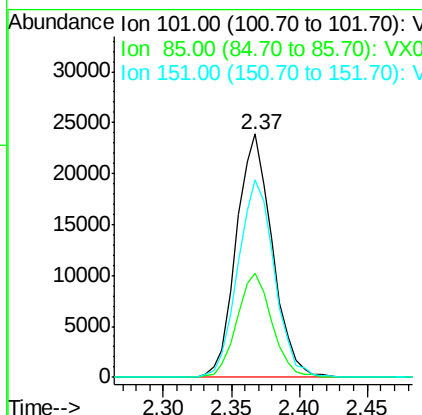
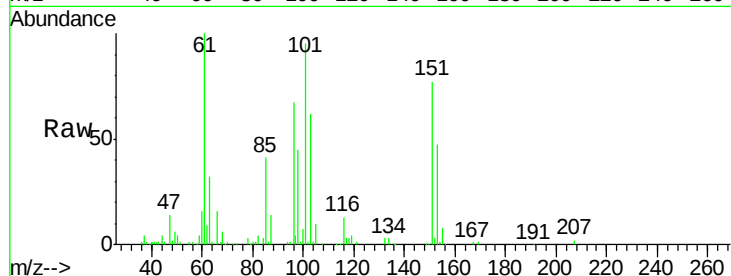
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	44062
Ion Ratio	Lower	Upper	
101	100		
85	41.7	0.0	94.6
151	82.6	0.0	145.8

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#10

1,1-Dichloroethene

Concen: 14.004 ug/l

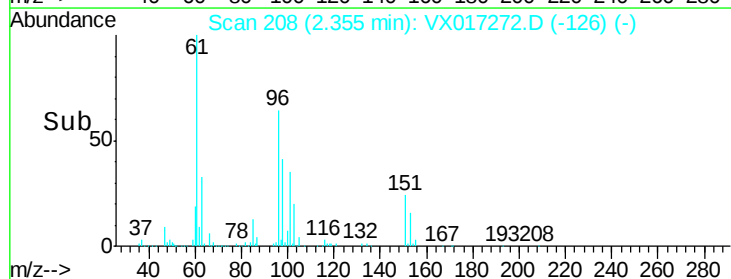
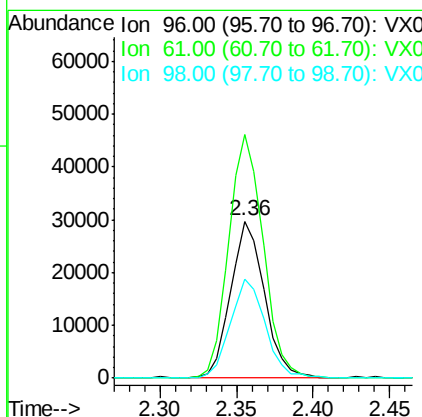
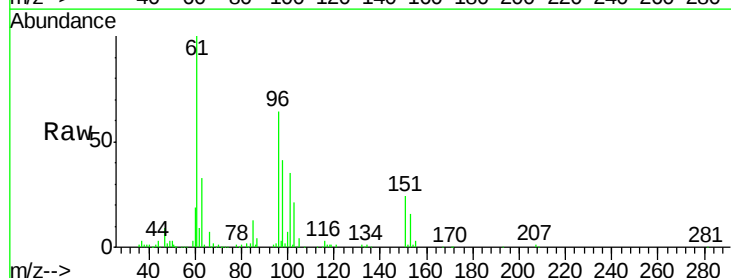
RT: 2.36 min Scan# 208

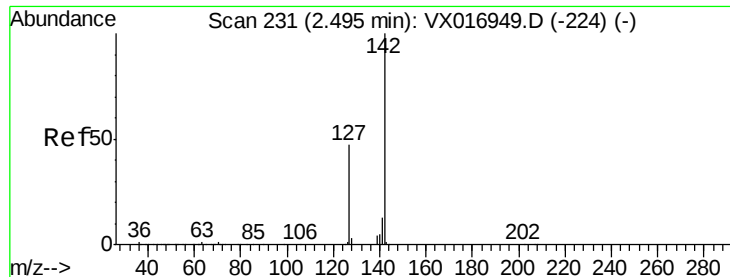
Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	96	Resp:	45751
Ion Ratio	Lower	Upper	
96	100		
61	155.2	141.3	211.9
98	63.1	47.0	70.4





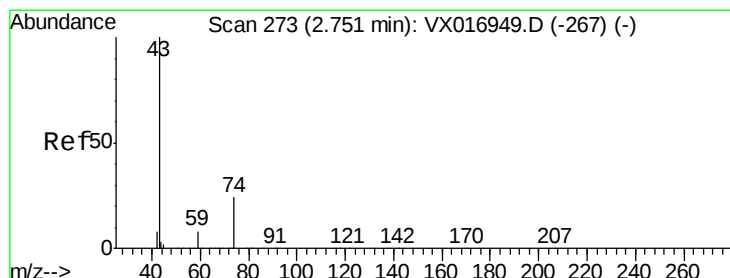
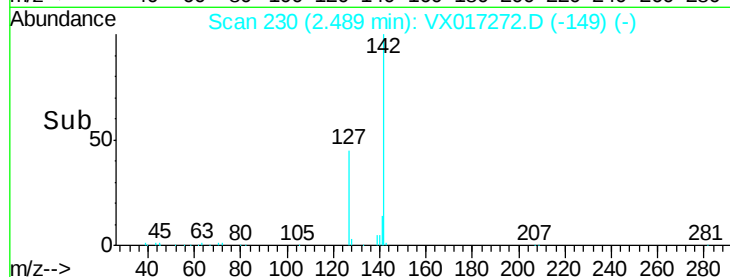
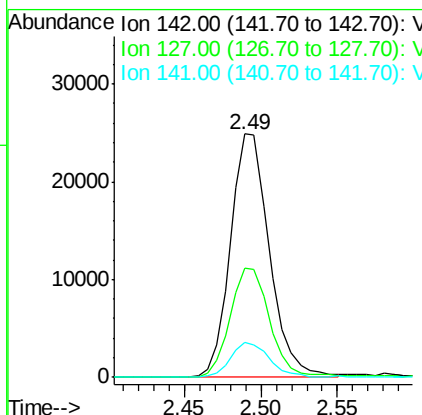
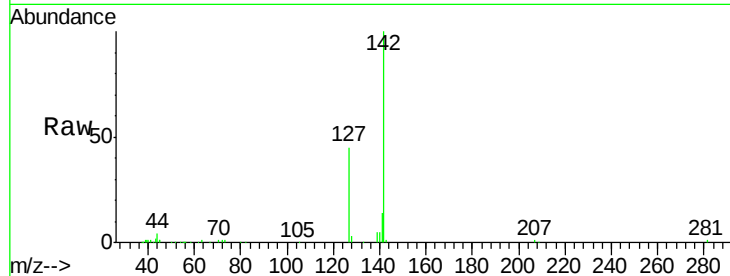
#11
Methyl Iodide
Concen: 10.075 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.7	23.3	69.9
141	14.2	6.7	20.1

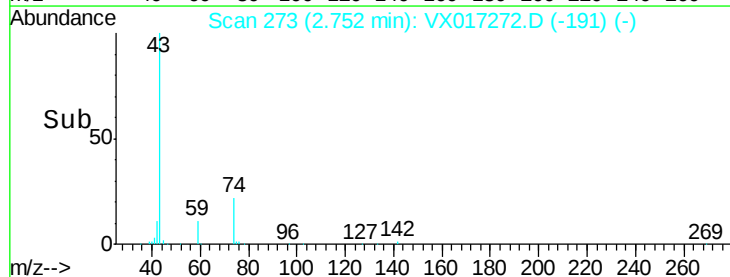
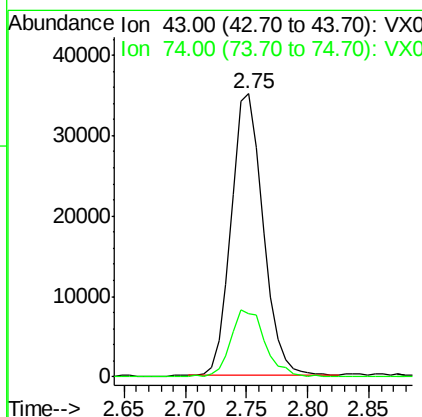
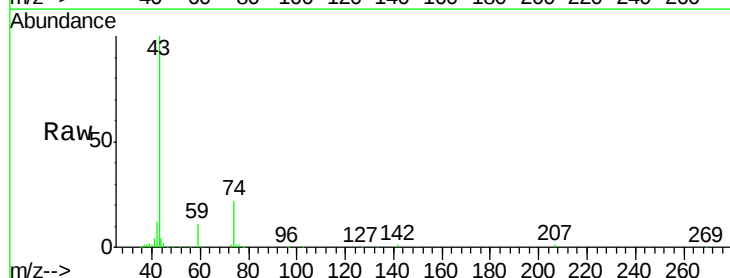
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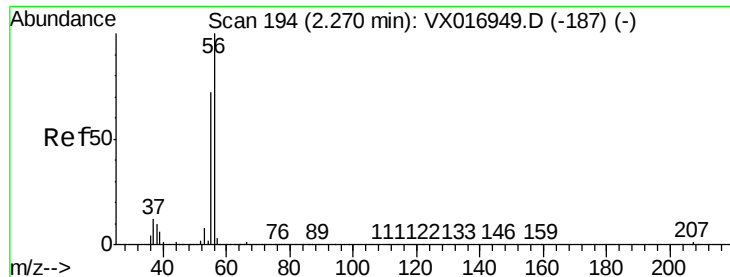
MMDadoda
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#12
Methyl Acetate
Concen: 15.406 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.1	28.7





#13

Acrolein

Concen: 81.649 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 53093

Ion Ratio Lower Upper

56 100

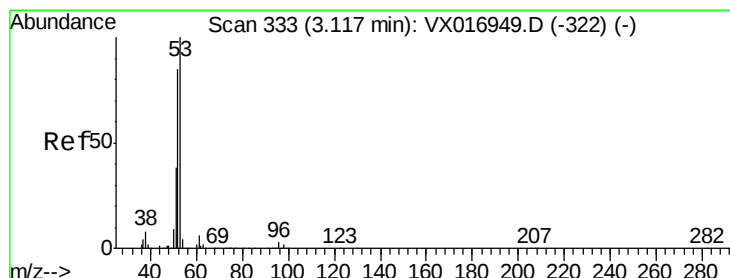
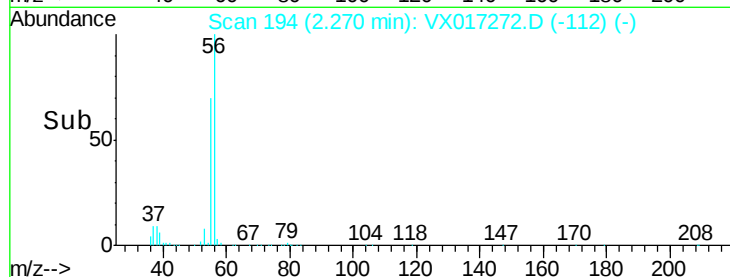
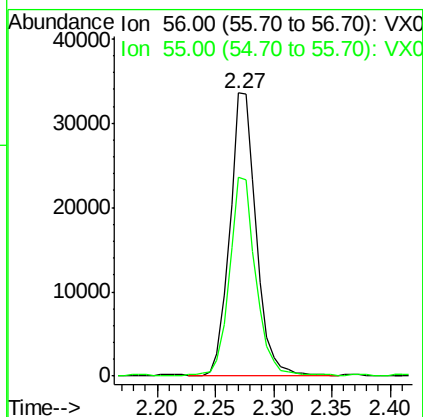
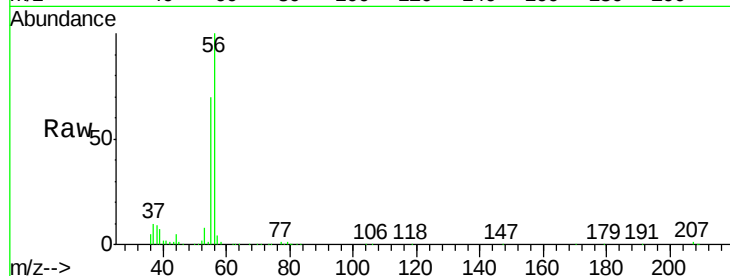
55 69.7 56.2 84.4

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#14

Acrylonitrile

Concen: 74.112 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

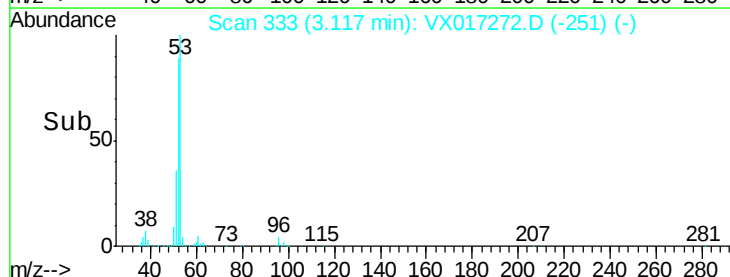
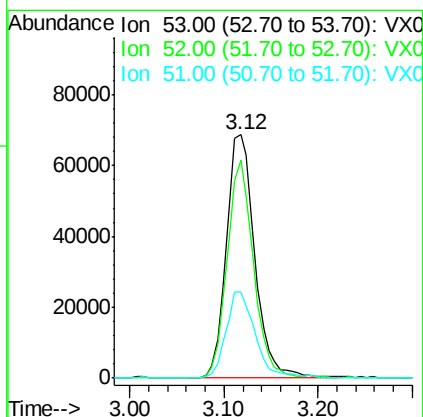
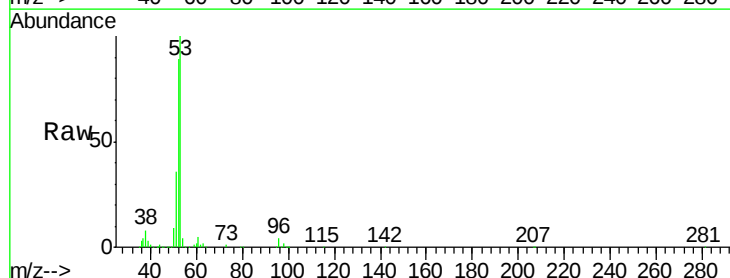
Tgt Ion: 53 Resp: 144652

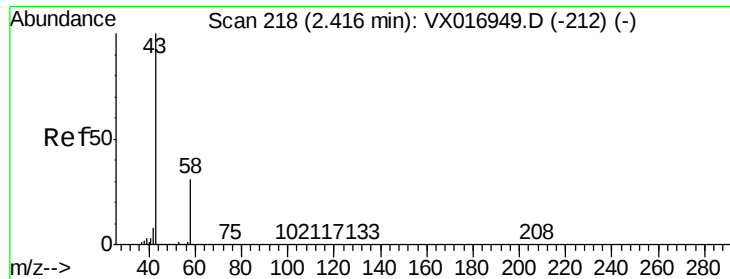
Ion Ratio Lower Upper

53 100

52 82.8 40.6 121.8

51 36.1 18.4 55.4





#15

Acetone

Concen: 77.596 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 58 Resp: 39194

Ion Ratio Lower Upper

58 100

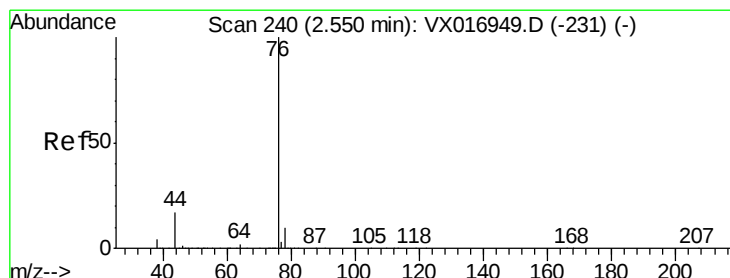
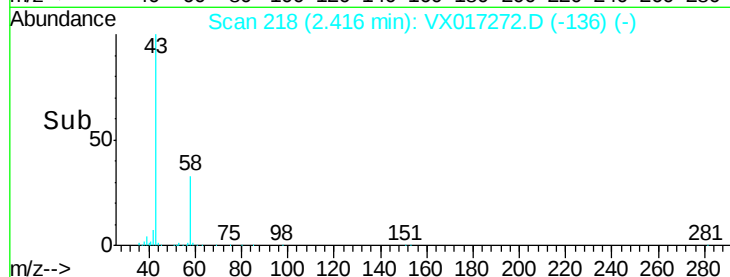
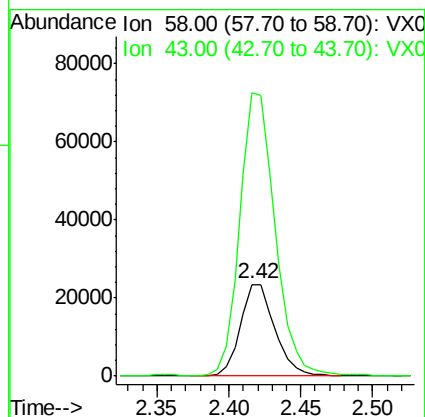
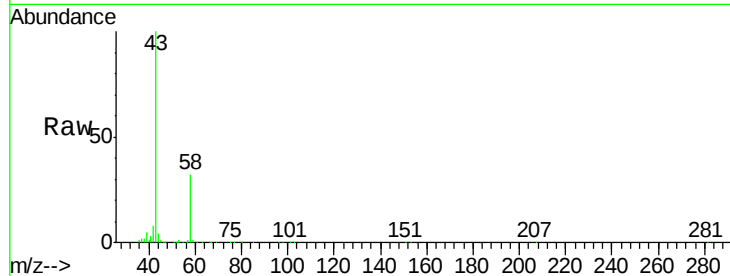
43 307.1 257.6 386.4

Manual Integrations

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#16

Carbon Disulfide

Concen: 12.034 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017272.D

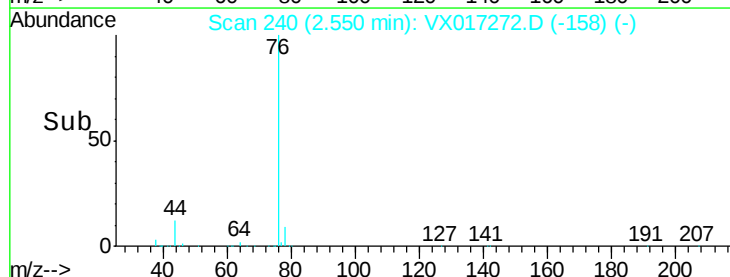
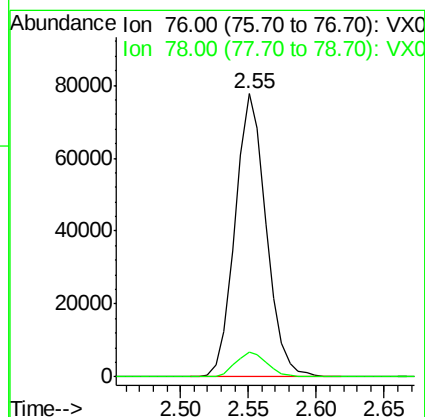
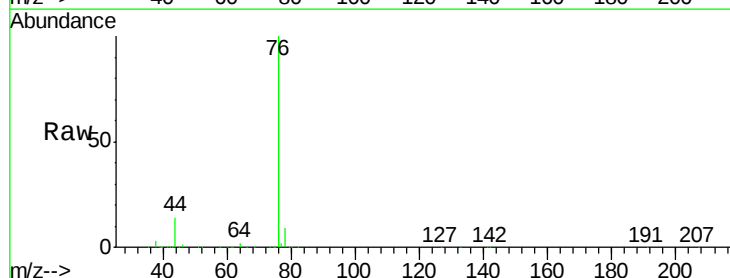
Acq: 08 Jul 2020 21:53

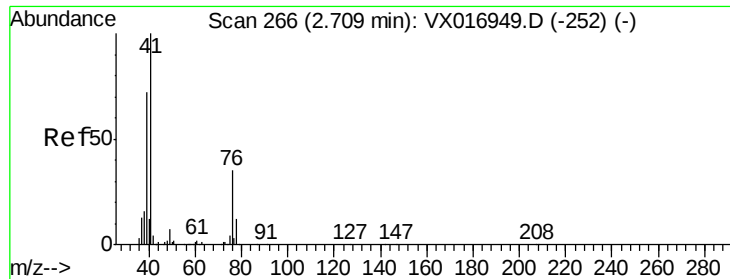
Tgt Ion: 76 Resp: 123592

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4





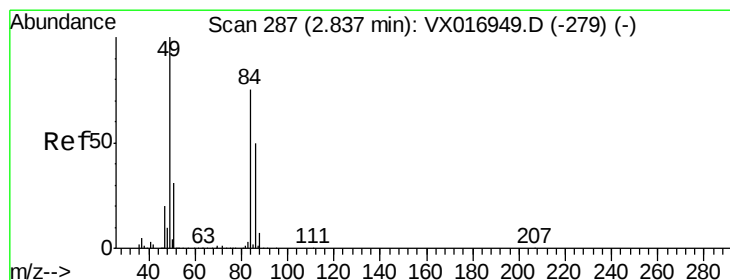
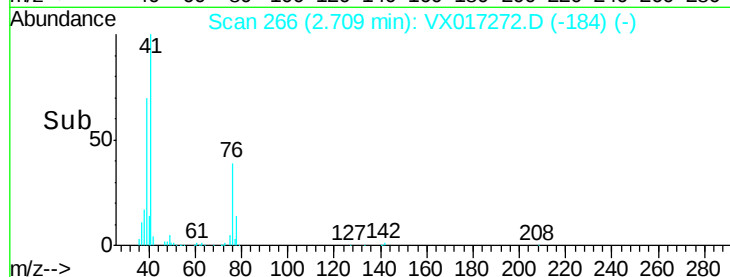
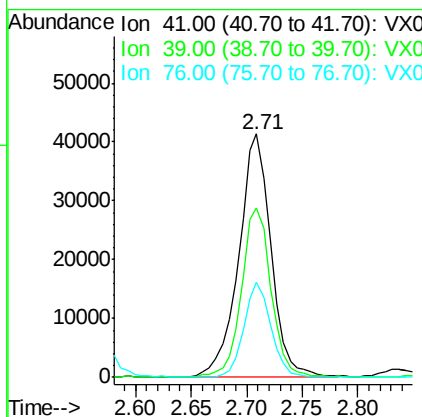
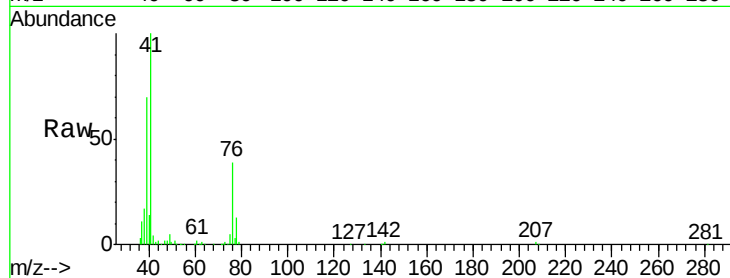
#17
Allvl chloride
Concen: 13.451 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.7	35.9	107.8
76	39.1	17.6	52.8

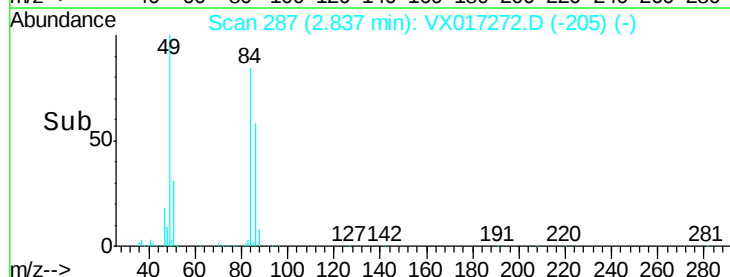
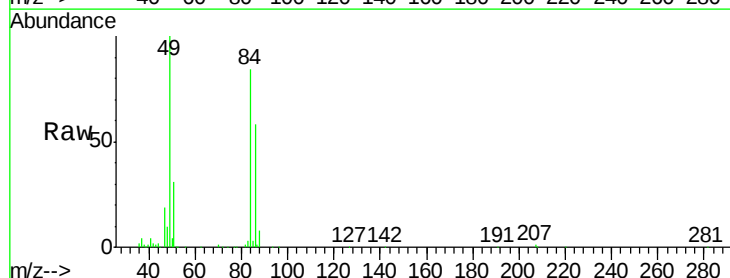
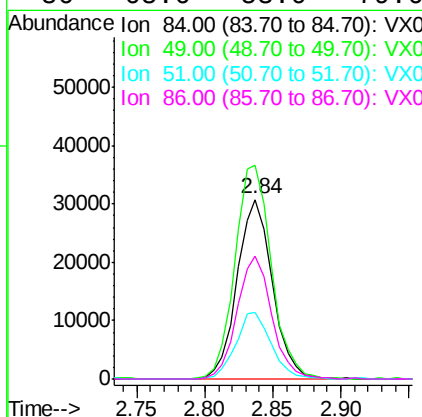
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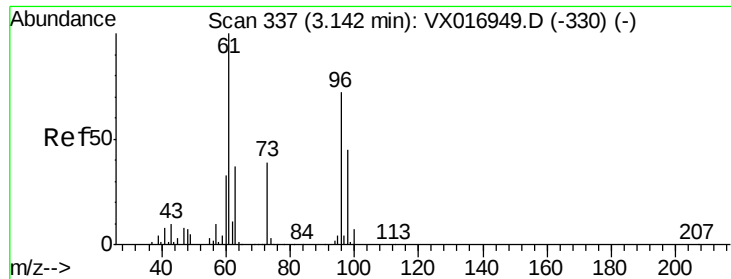
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#18
Methylene Chloride
Concen: 14.138 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	106.6	159.8
51	36.9	32.7	49.1
86	68.6	53.0	79.6





#19

trans-1,2-Dichloroethene

Concen: 14.066 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

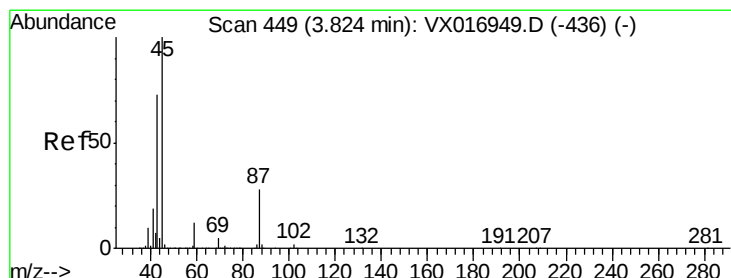
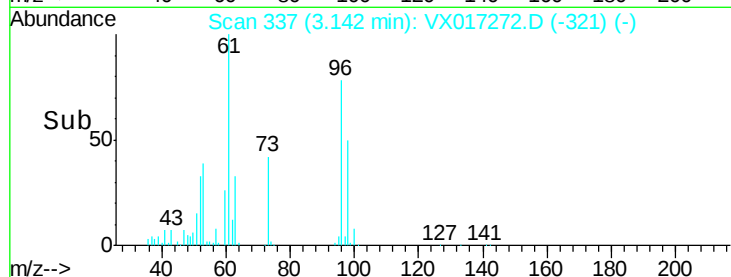
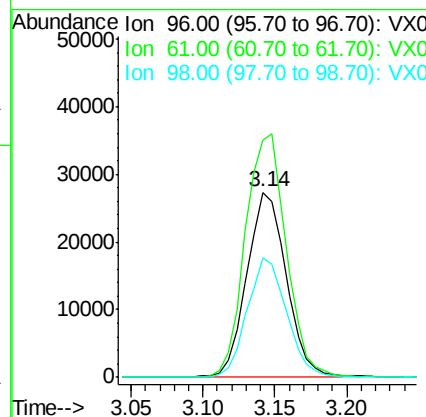
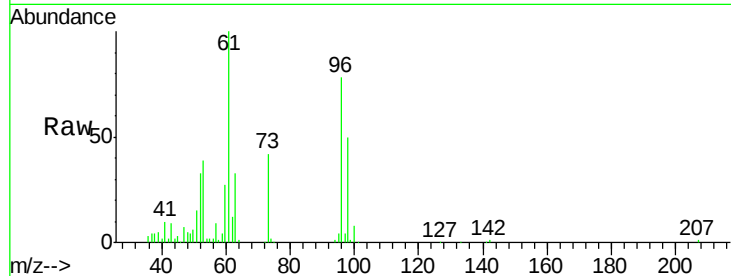
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	52066
Ion	Ratio	Lower	Upper
96	100		
61	128.6	110.6	165.8
98	64.4	49.8	74.6

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#20

Diisopropyl ether

Concen: 13.966 ug/l

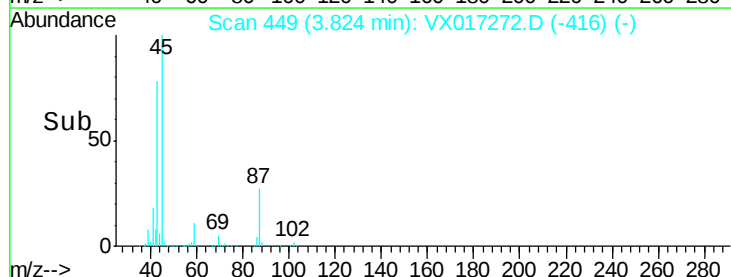
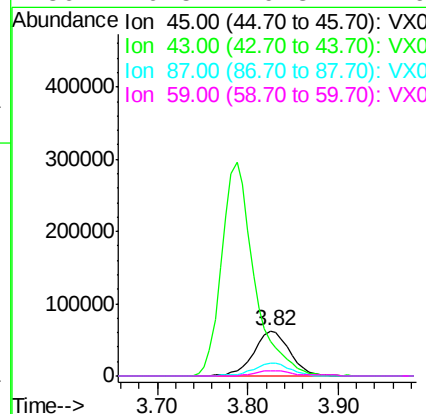
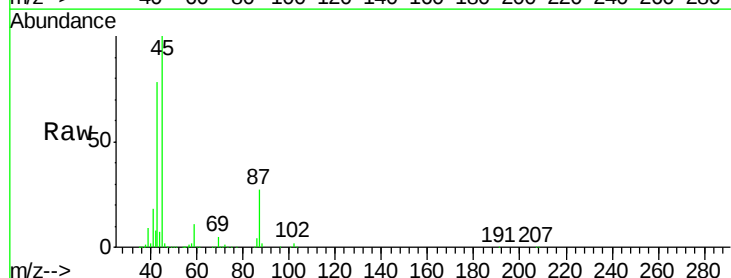
RT: 3.82 min Scan# 449

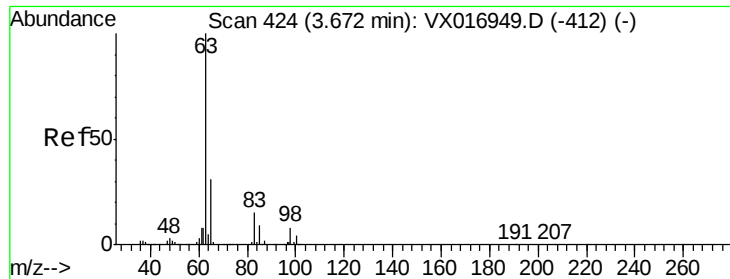
Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	45	Resp:	170701
Ion	Ratio	Lower	Upper
45	100		
43	76.2	63.9	95.9
87	27.2	22.2	33.4
59	10.5	9.8	14.6





#21

1,1-Dichloroethane

Concen: 14.353 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

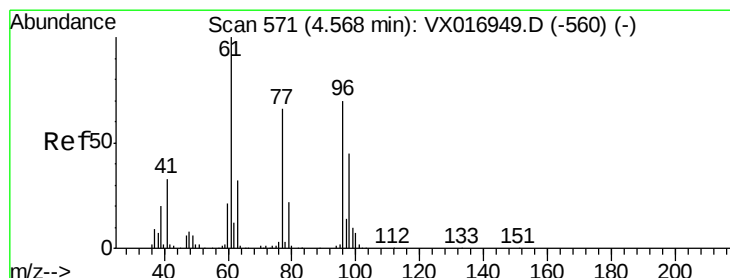
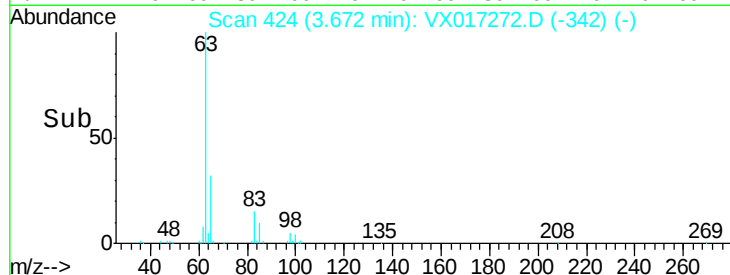
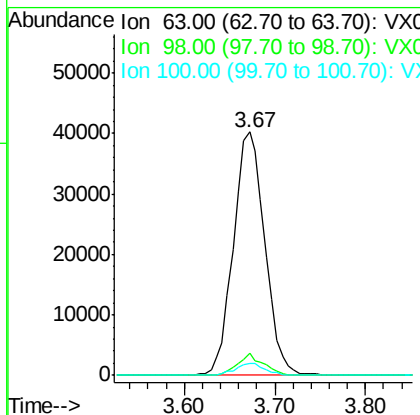
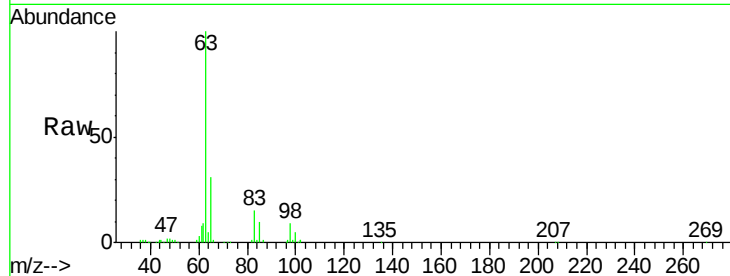
ClientSampled :

VSTDCCC020

Tot Ion:	63	Resp:	96731
Ion Ratio	Lower	Upper	
63	100		
98	9.1	3.8	11.4
100	5.0	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 14.142 ug/l

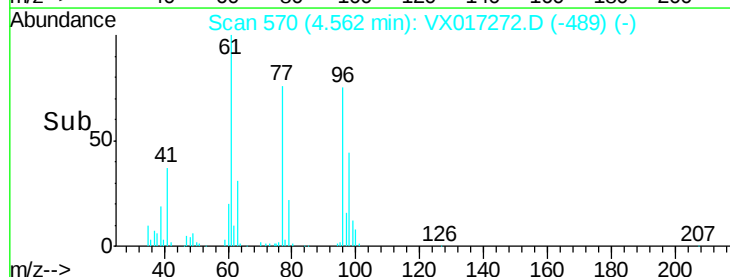
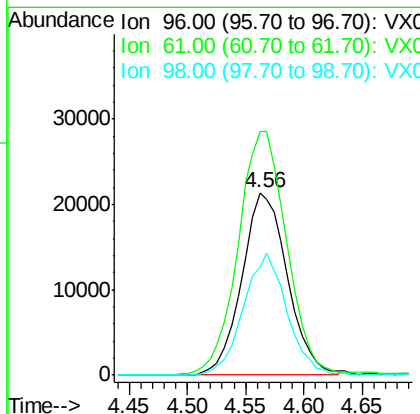
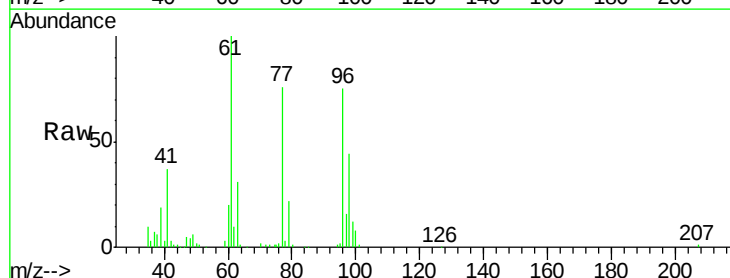
RT: 4.56 min Scan# 570

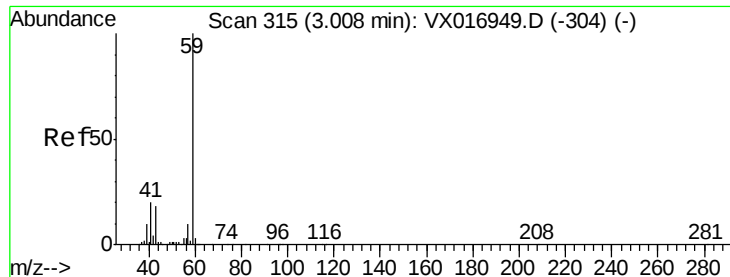
Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	96	Resp:	58282
Ion Ratio	Lower	Upper	
96	100		
61	139.5	120.8	181.2
98	64.0	51.7	77.5





#23

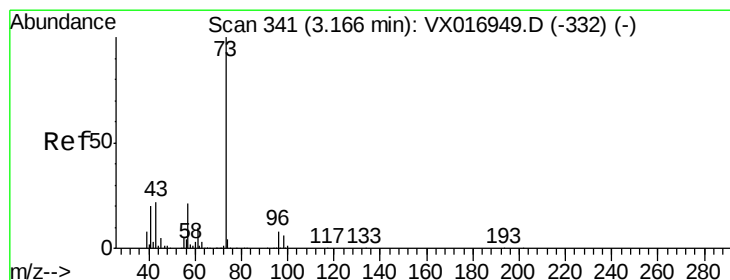
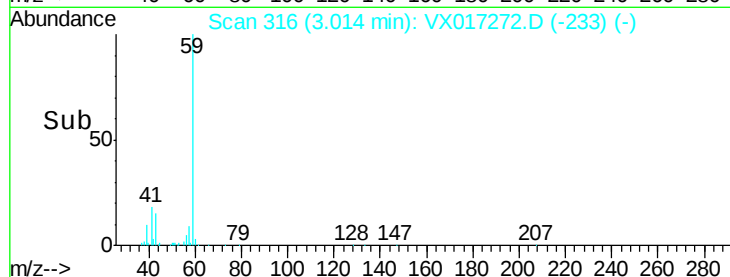
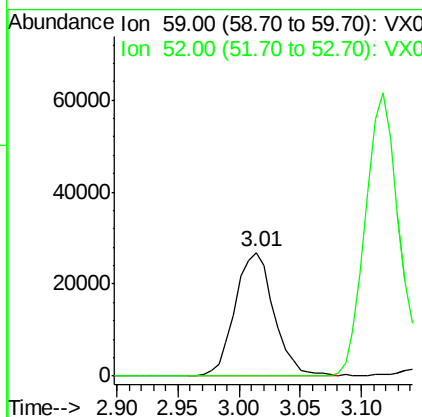
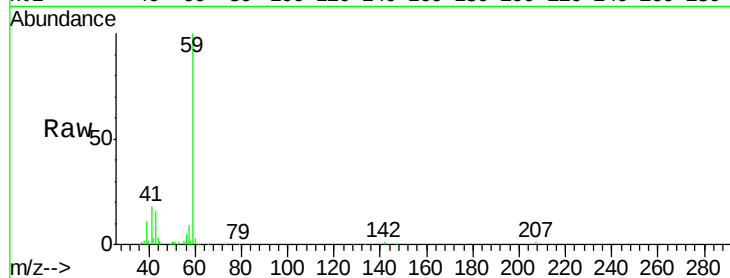
tert-Butyl Alcohol
 Concen: 68.744 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.2	0.1	0.1	0.1

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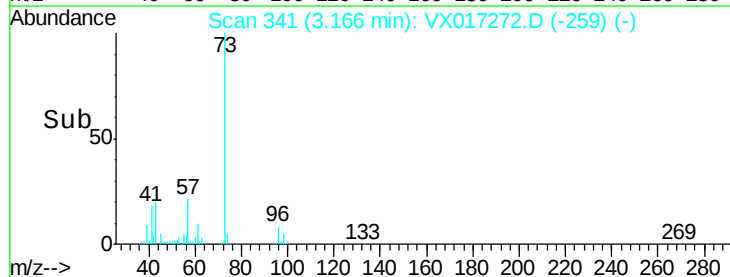
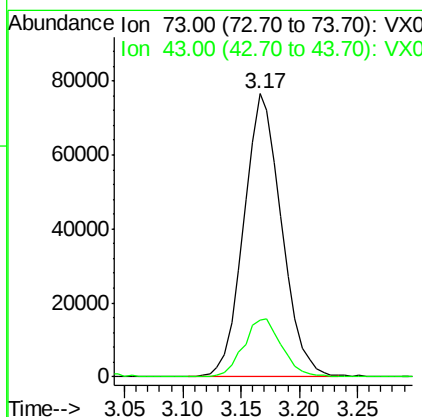
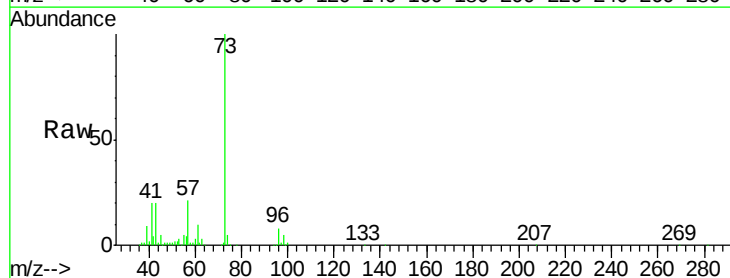
MMDadoda
 7/9/2020 10:59:56 AM

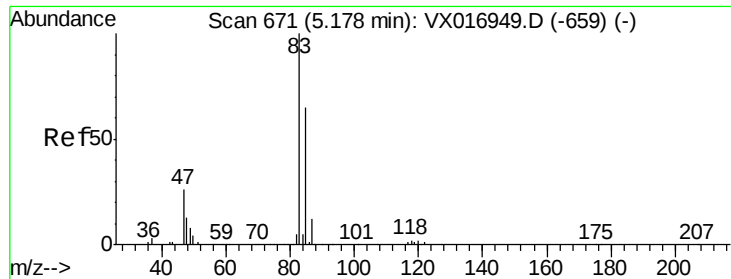


#24

Methyl tert-Butyl Ether
 Concen: 14.868 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	20.4	17.2	25.8	





#25

Chloroform

Concen: 14.672 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 100255

Ion Ratio Lower Upper

83 100

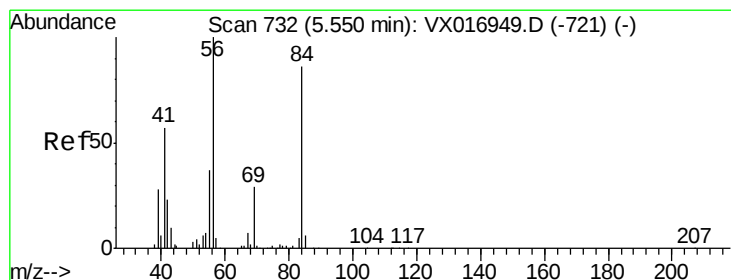
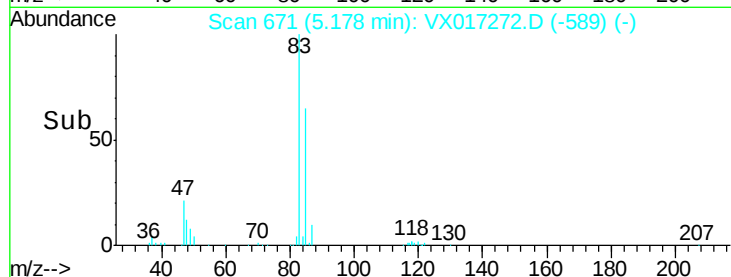
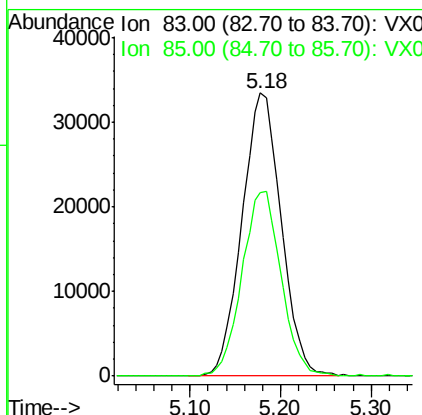
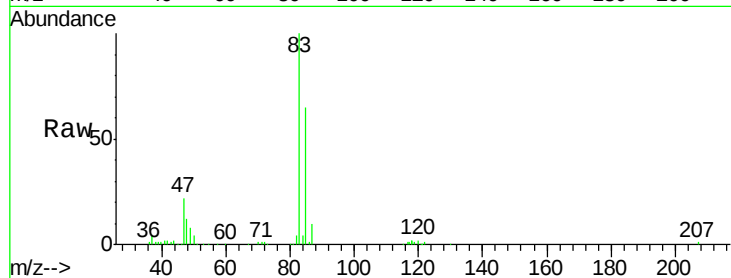
85 65.0 52.1 78.1

Manual Integrations

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#26

Cyclohexane

Concen: 11.267 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

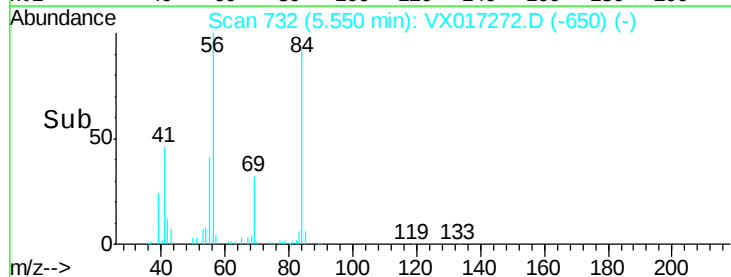
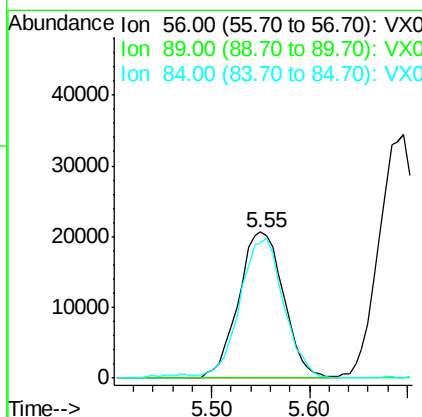
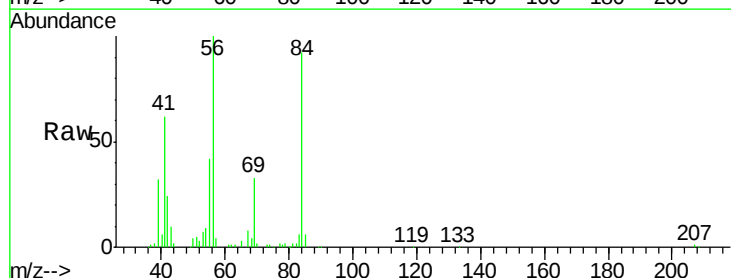
Tgt Ion: 56 Resp: 66237

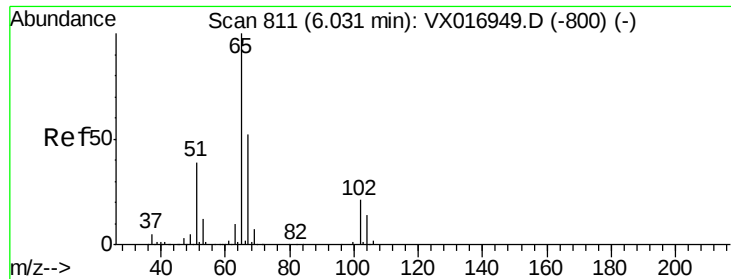
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.1 69.0 103.6





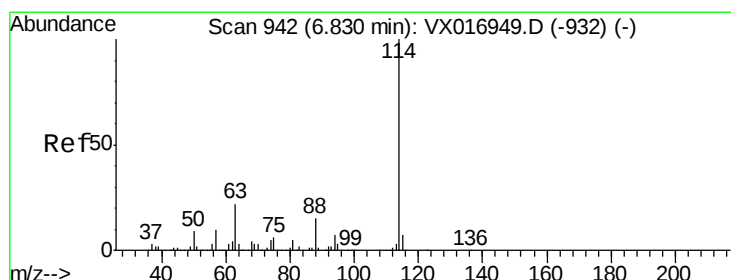
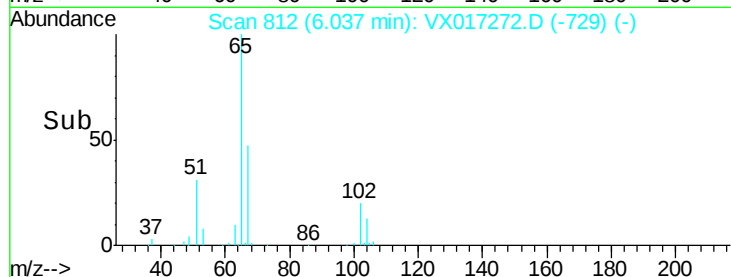
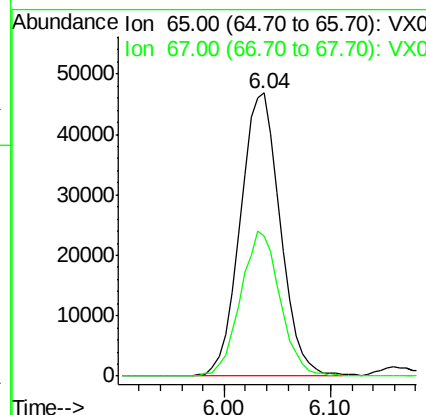
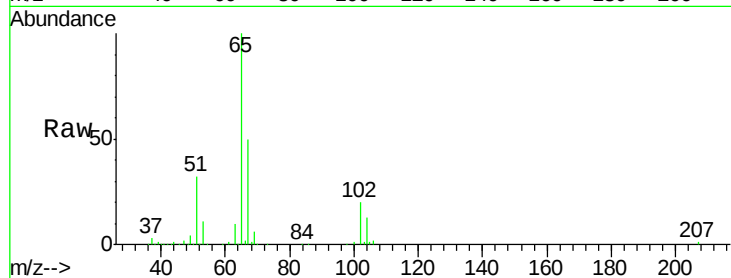
#27
 1,2-Dichloroethane-d4
 Concen: 27.794 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.0	41.5	62.3

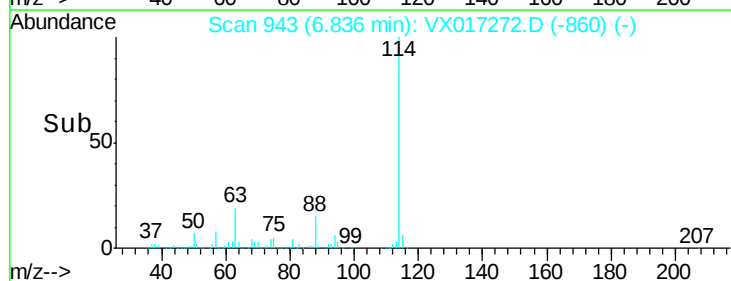
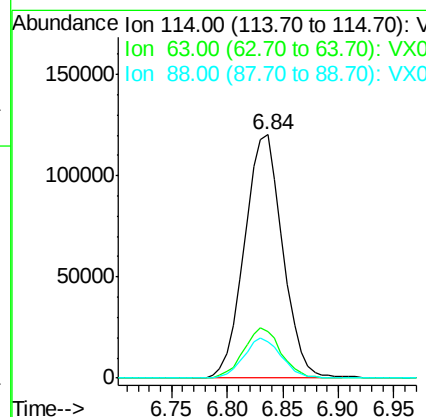
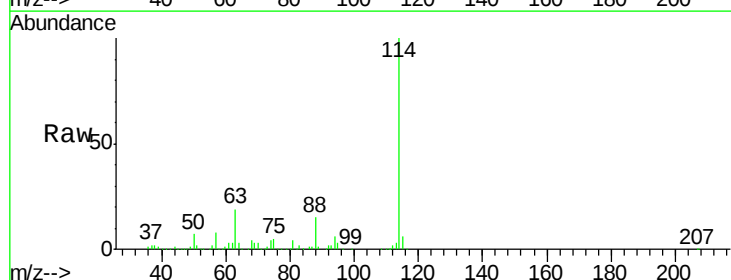
Manual Integrations
 APPROVED

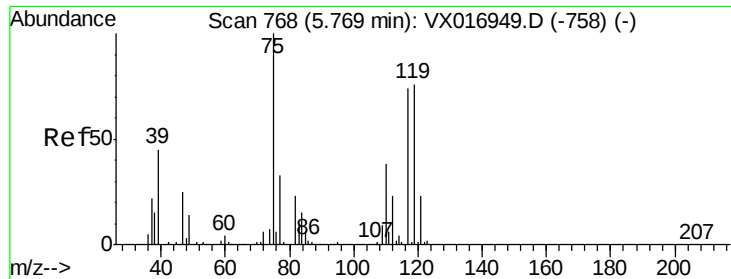
MMDadoda
 7/9/2020 10:59:56 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	17.4	26.2
88	16.0	13.0	19.6





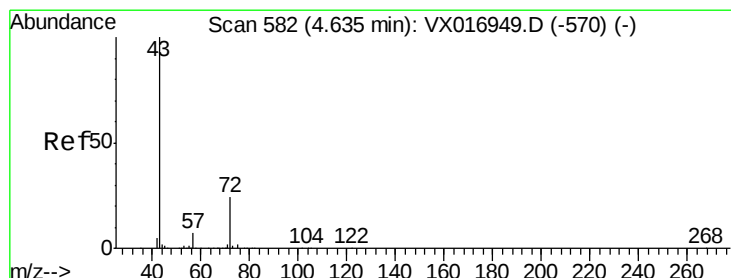
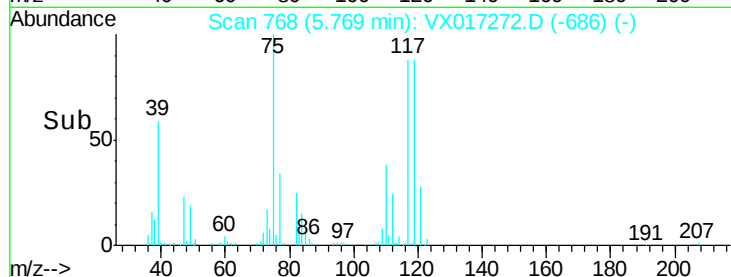
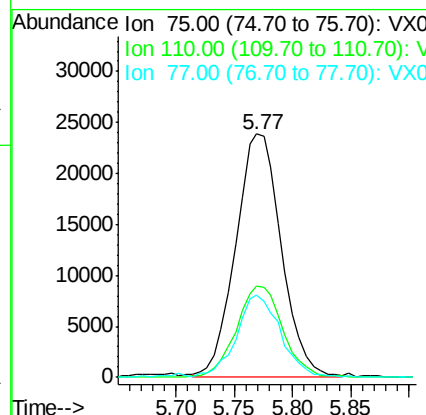
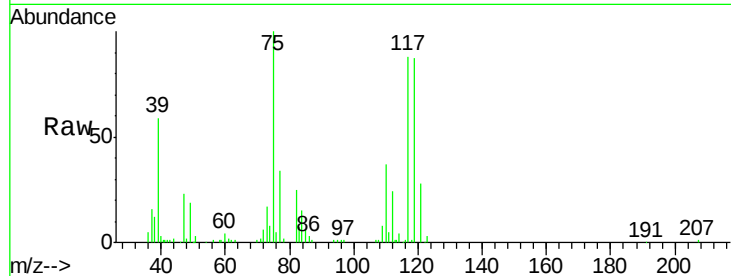
#29
 1,1-Dichloropropene
 Concen: 14.000 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	71.6
77	32.5	0.0	64.0

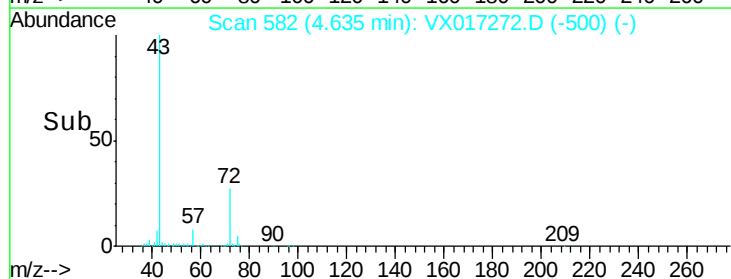
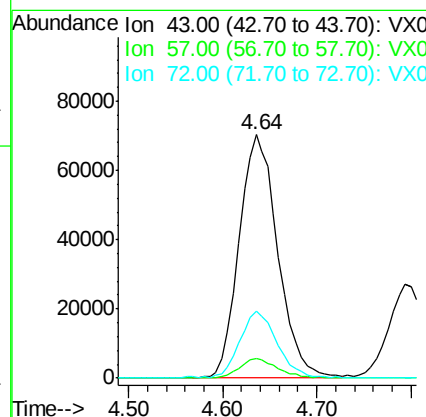
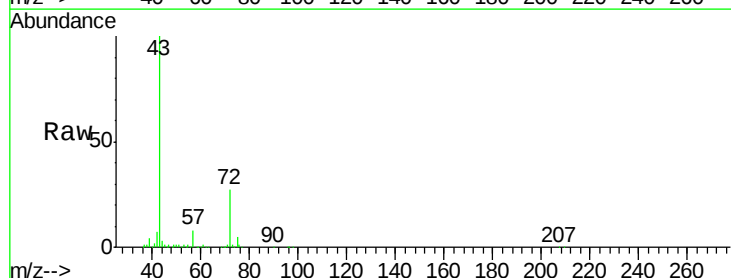
Manual Integrations
 APPROVED

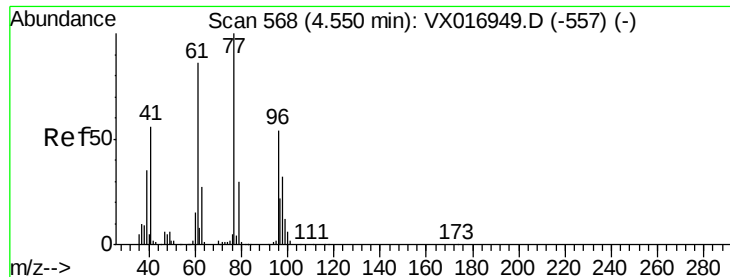
MMDadoda
 7/9/2020 10:59:56 AM



#30
 2-Butanone
 Concen: 82.250 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.4
72	26.6	20.6	31.0





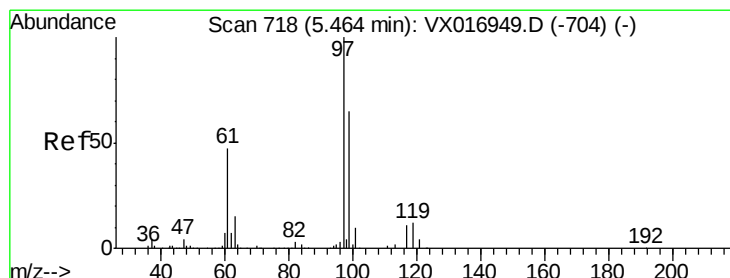
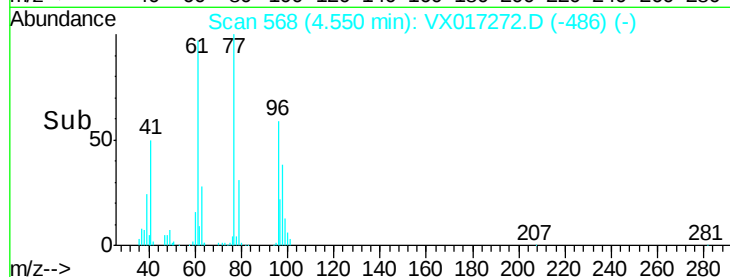
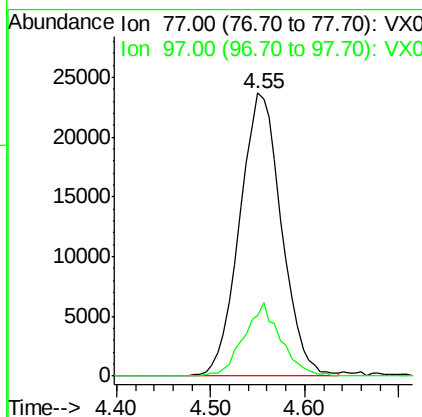
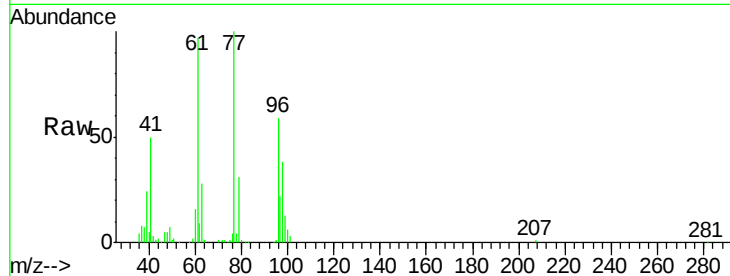
#31
 2,2-Dichloropropane
 Concen: 13.755 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.7	18.5	27.7

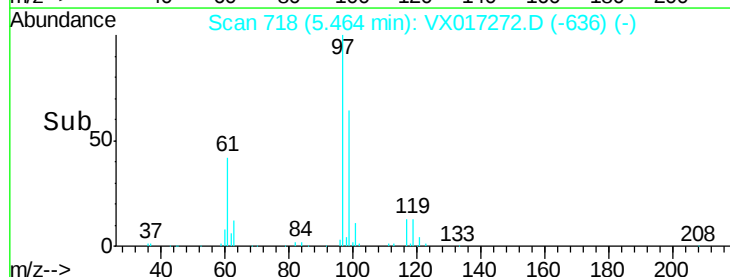
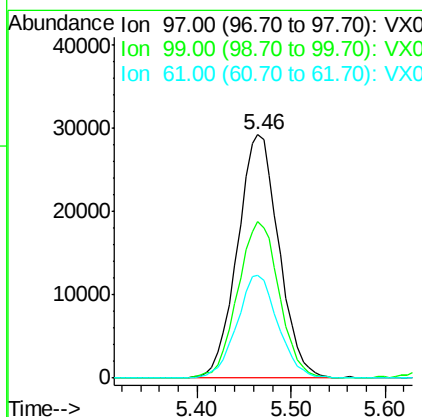
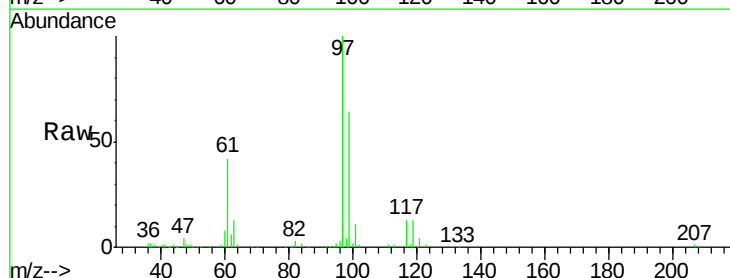
Manual Integrations
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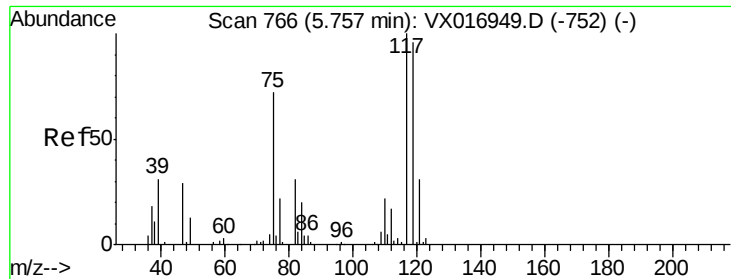
MMDadoda
 7/9/2020 10:59:56 AM



#32
 1,1,1-Trichloroethane
 Concen: 15.874 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.2
61	41.7	36.9	55.3





#33

Carbon Tetrachloride

Concen: 15.645 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

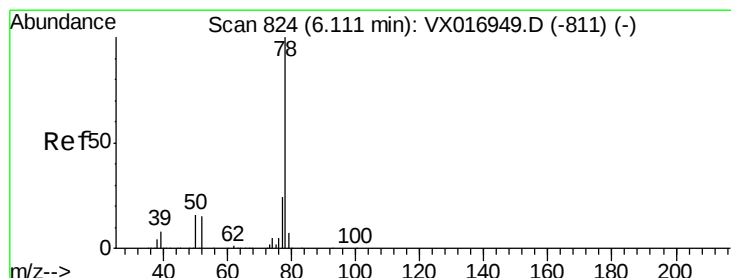
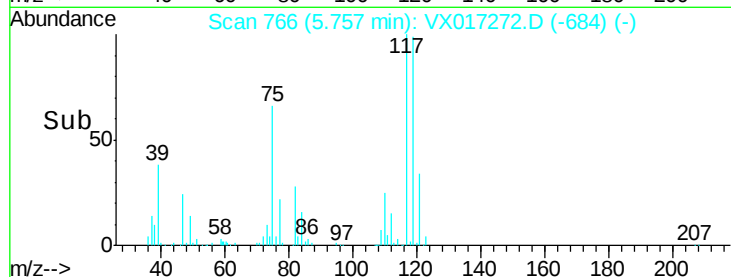
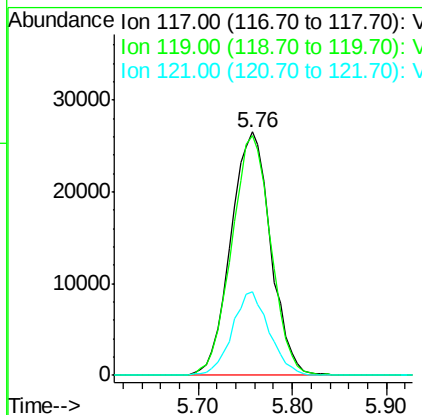
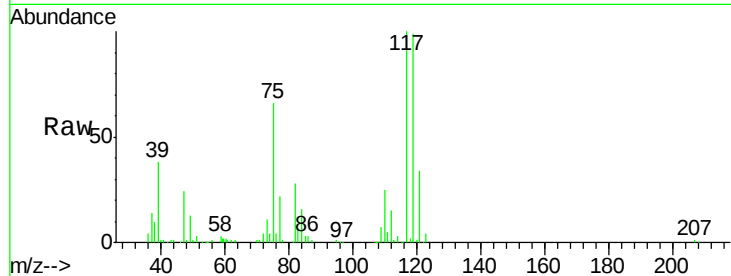
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	78397
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.0	115.4
121	34.2	25.0	37.4

Manual Integrations
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#34

Benzene

Concen: 15.270 ug/l

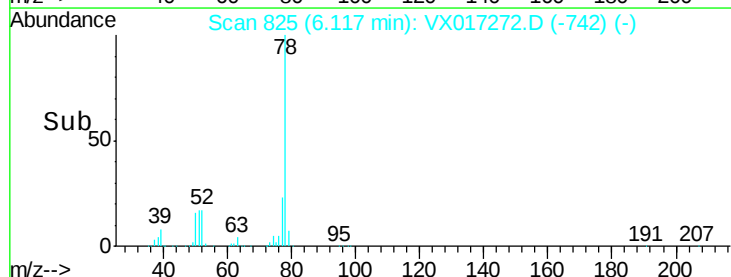
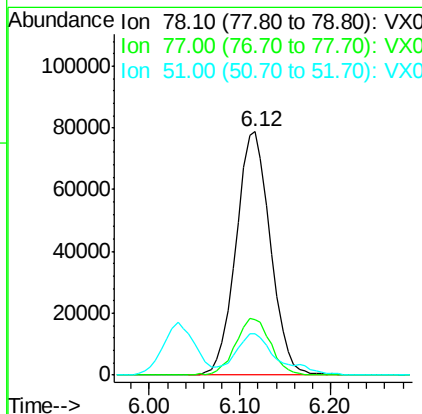
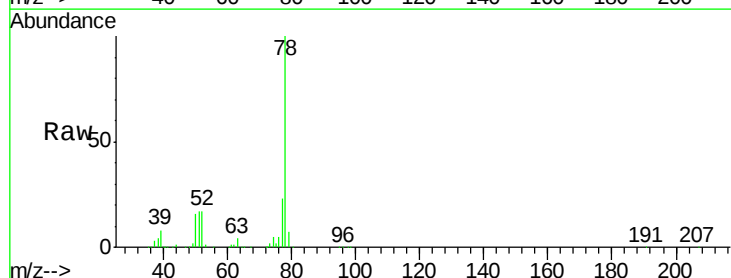
RT: 6.12 min Scan# 825

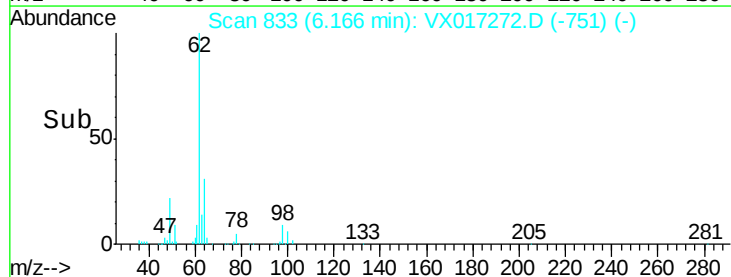
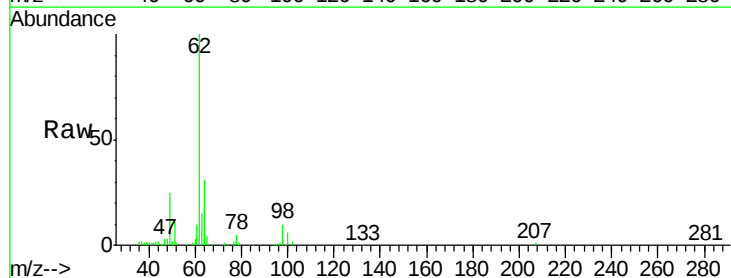
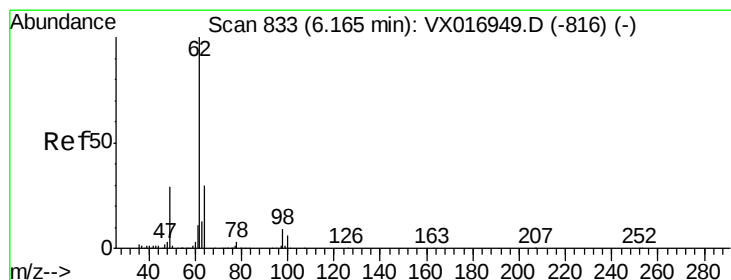
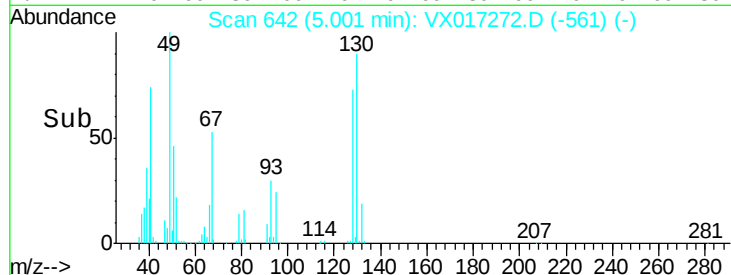
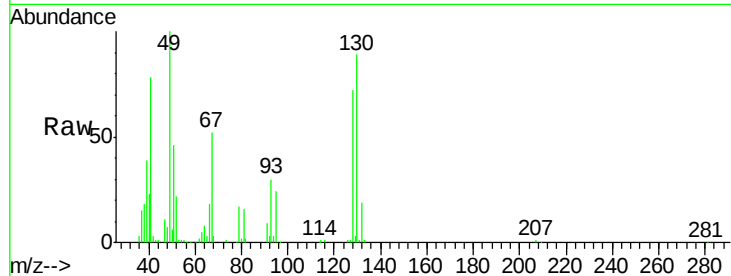
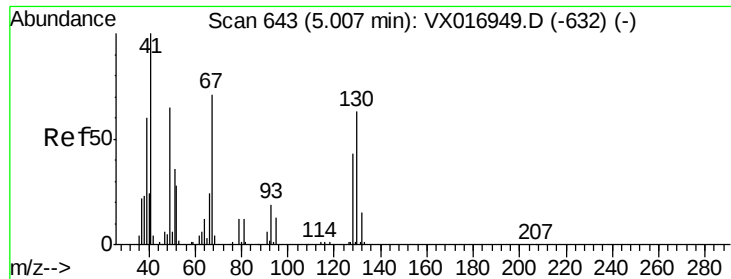
Delta R.T. 0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

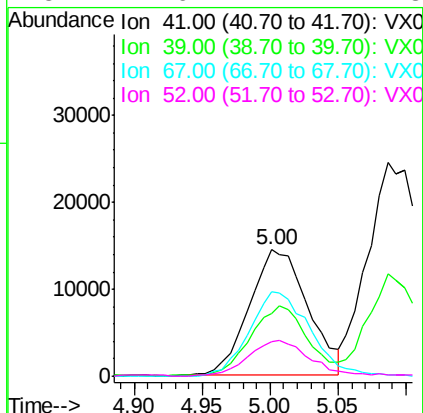
Tgt Ion:	78	Resp:	207636
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.6
51	16.4	12.8	19.2





#35
Methacrylonitrile
Concen: 16.223 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	49.1	29.8	89.5		
67	67.4	35.3	105.9		
52	27.6	14.1	42.3		



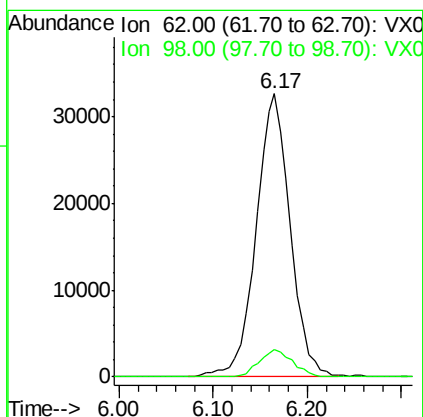
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

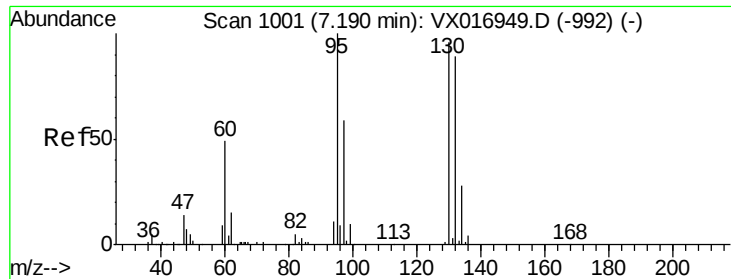
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 15.854 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.6	7.6	11.4		





#37

Trichloroethene

Concen: 16.236 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 60239

Ion Ratio Lower Upper

130 100

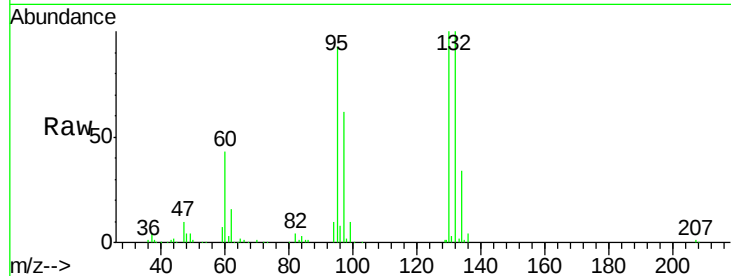
95 93.1 83.1 124.7

Manual Integrations

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MMDadoda

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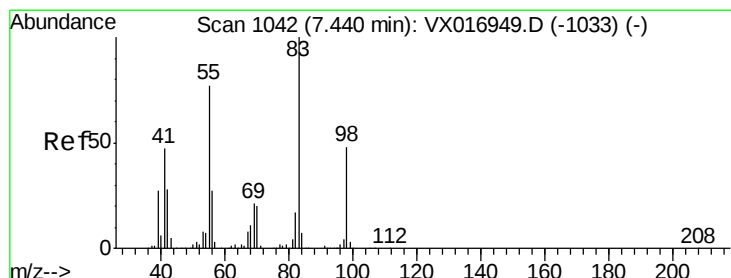
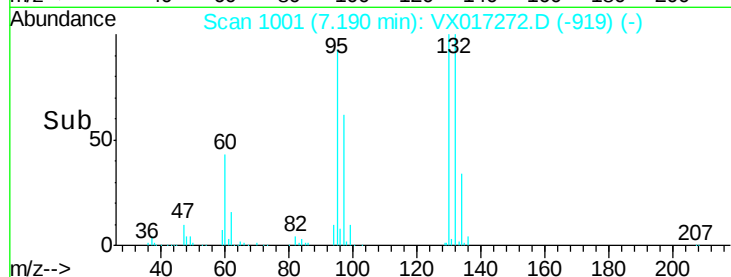
Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

Time-->

7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 12.277 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

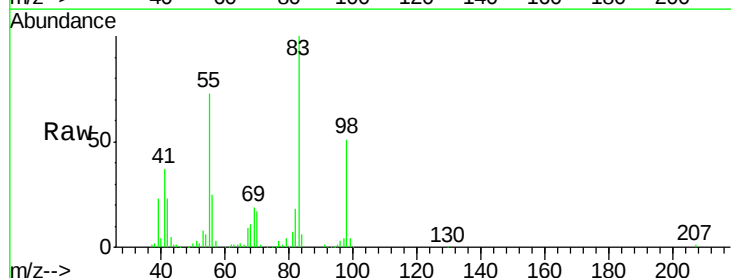
Tgt Ion: 83 Resp: 65288

Ion Ratio Lower Upper

83 100

55 76.2 38.1 114.5

98 50.5 24.6 73.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

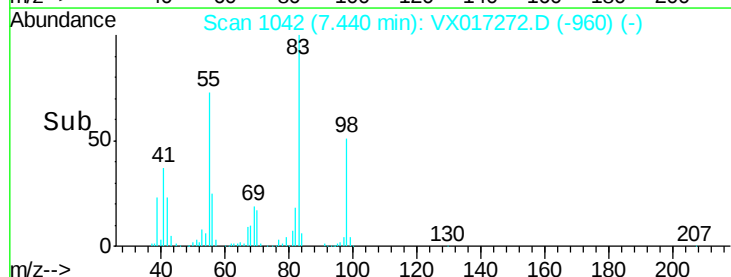
Ion 55.00 (54.70 to 55.70): VX0

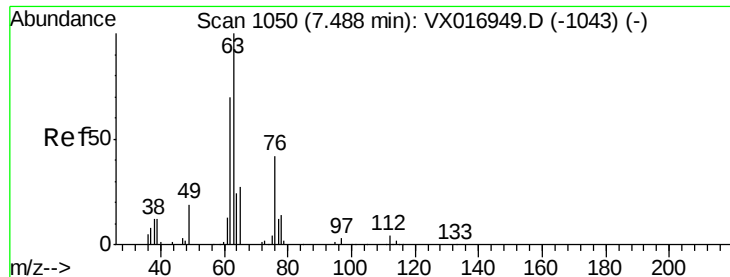
Ion 98.00 (97.70 to 98.70): VX0

7.44

Time-->

7.35 7.40 7.45 7.50 7.55





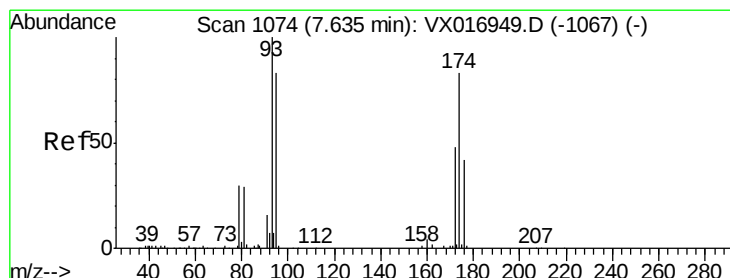
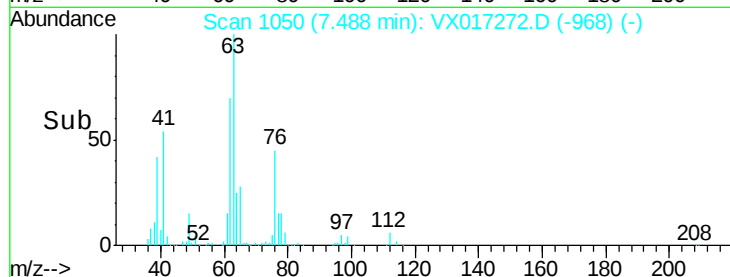
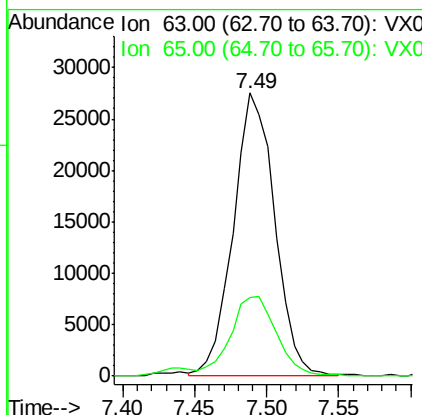
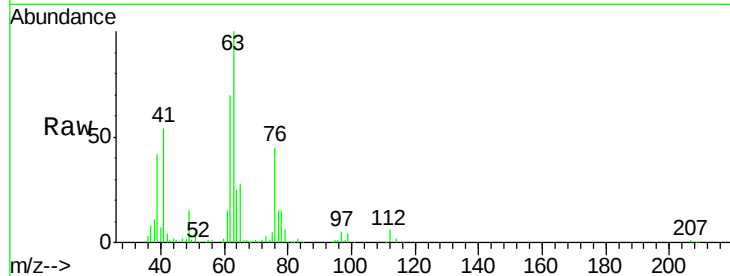
#39
 1,2-Dichloropropane
 Concen: 15.561 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.4	22.8	34.2

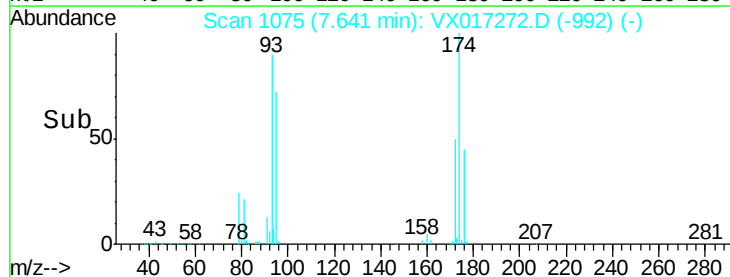
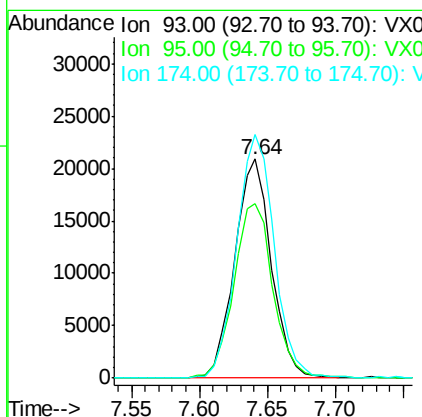
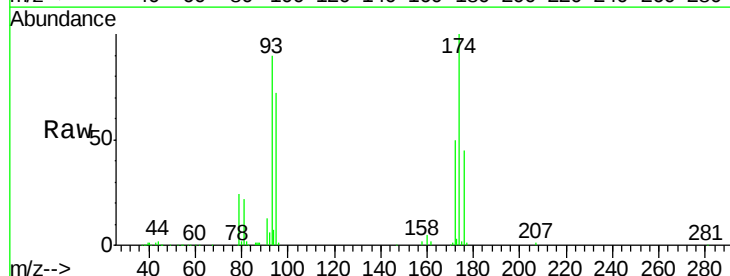
Manual Integrations
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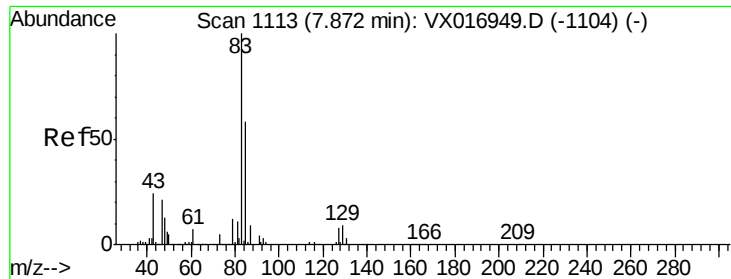
MMDadoda
 7/9/2020 10:59:56 AM



#40
 Dibromomethane
 Concen: 16.069 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	0.0	165.4
174	114.2	0.0	192.0





#41

Bromodichloromethane

Concen: 16.057 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

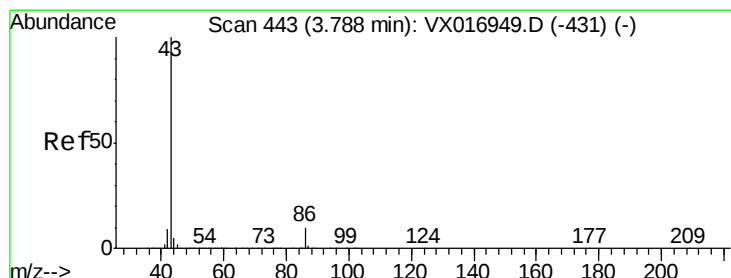
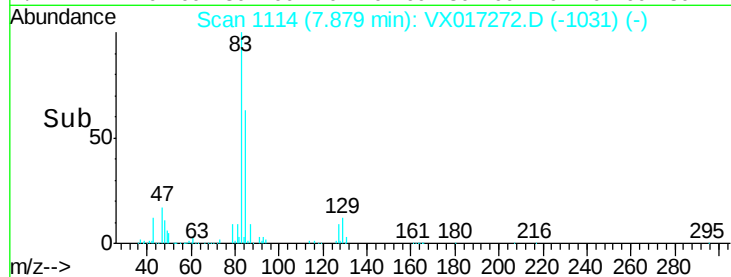
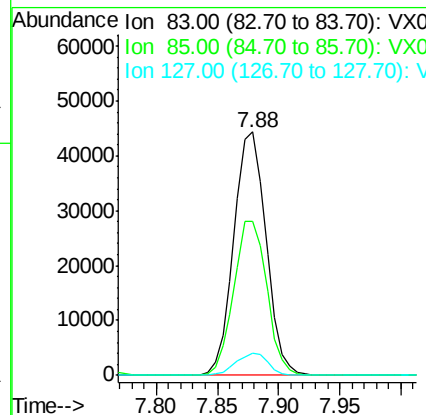
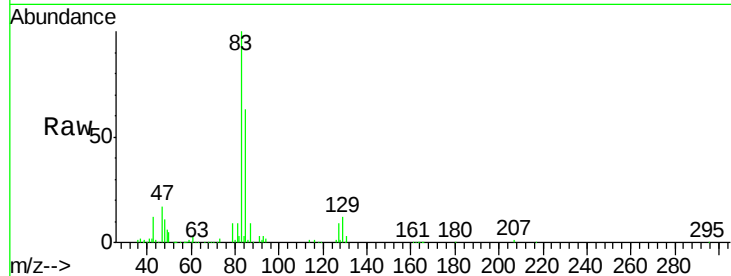
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	81178
Ion Ratio	Lower	Upper	
83	100		
85	63.3	46.7	70.1
127	9.1	6.5	9.7

Manual Integrations
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7/9/2020 10:59:56 AM



#42

Vinyl Acetate

Concen: 76.009 ug/l

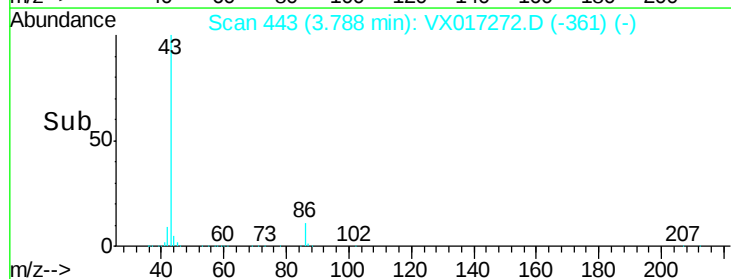
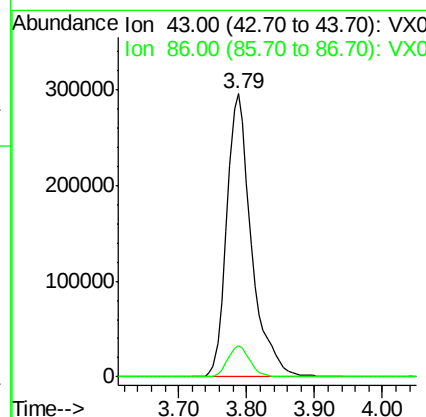
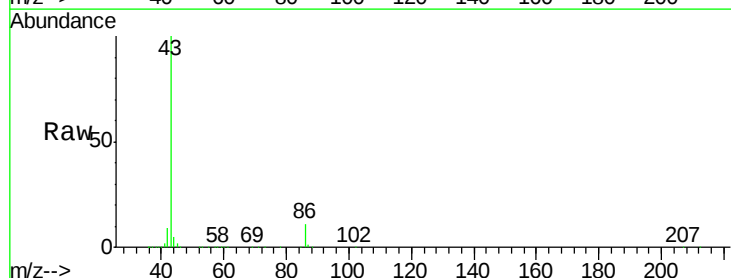
RT: 3.79 min Scan# 443

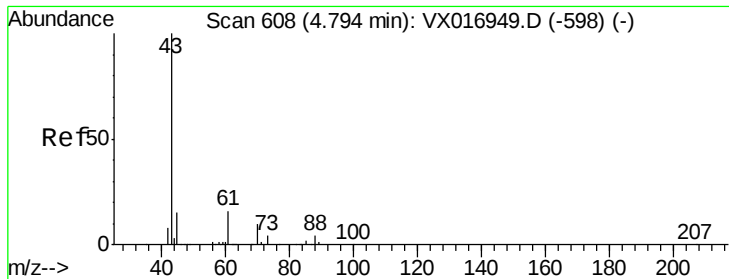
Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	43	Resp:	745569
Ion Ratio	Lower	Upper	
43	100		
86	9.9	7.4	11.2





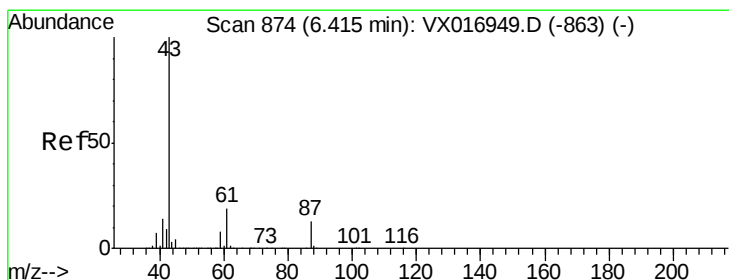
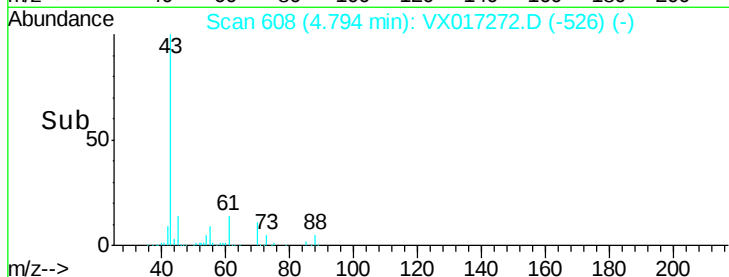
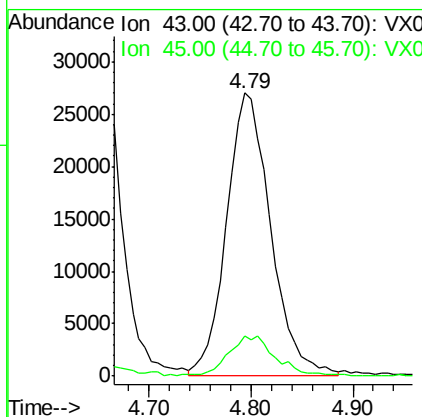
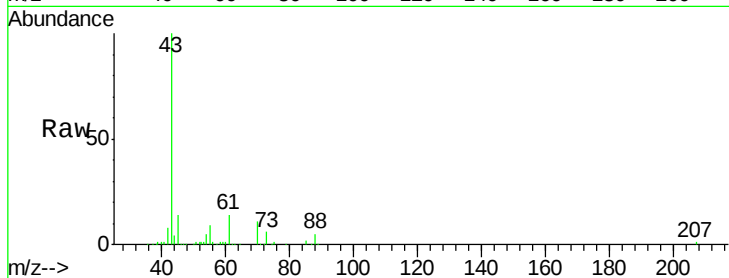
#43
Ethyl Acetate
Concen: 16.139 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	14.4	11.8	17.6	

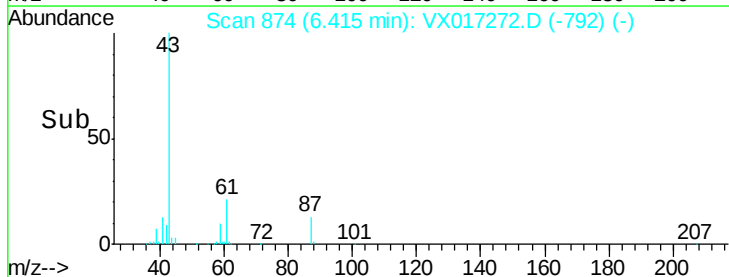
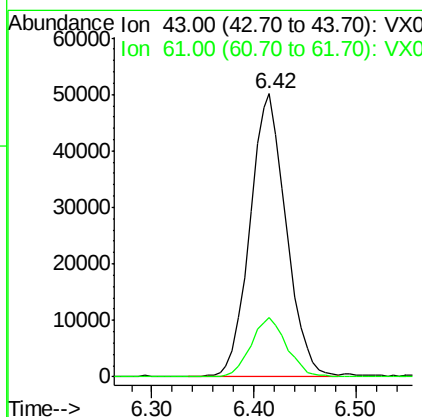
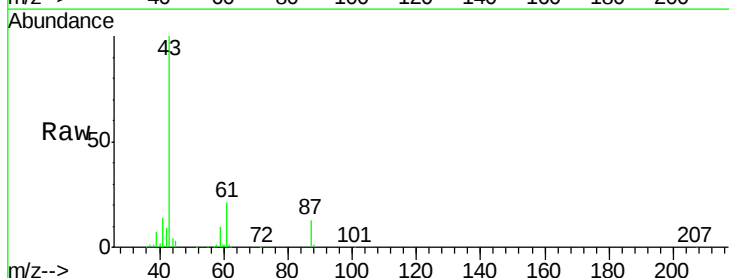
Manual Integrations
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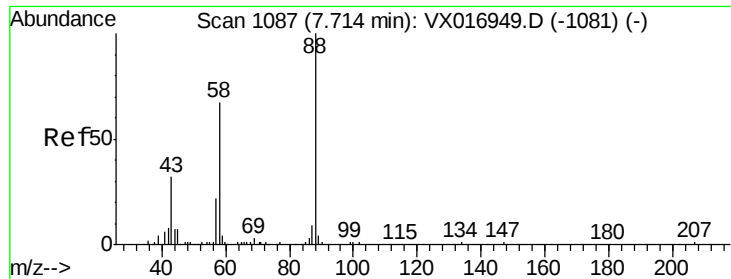
MMDadoda
7/9/2020 10:59:56 AM



#44
Isopropyl Acetate
Concen: 14.864 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	20.7	15.4	23.2	





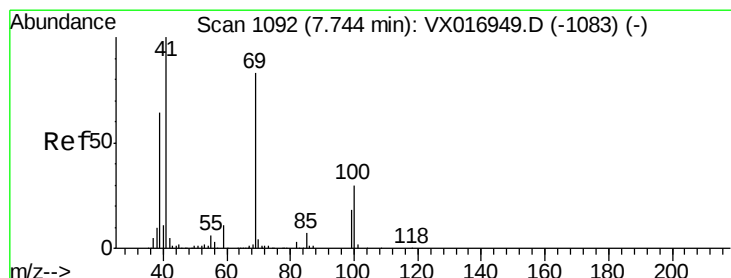
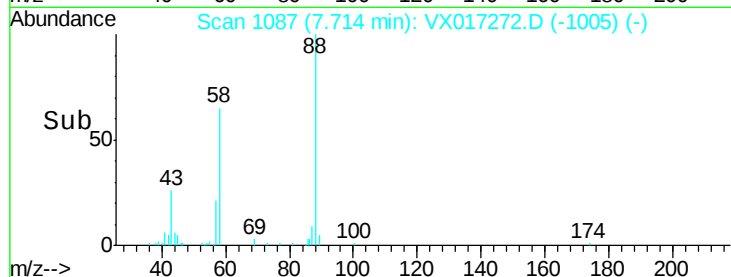
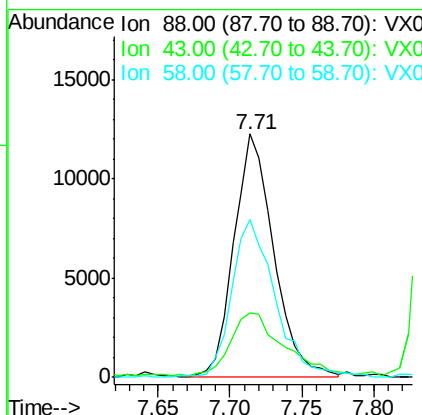
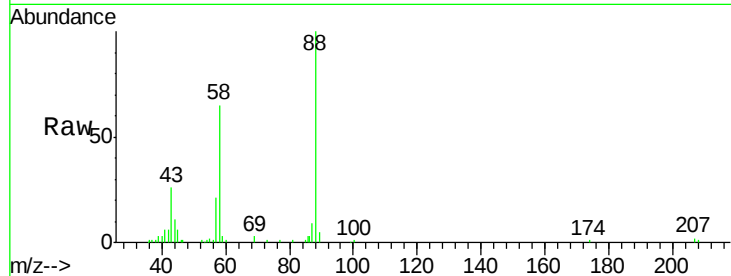
#45
 1,4-Dioxane
 Concen: 282.295 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	28.9	43.3
58	67.7	56.7	85.1

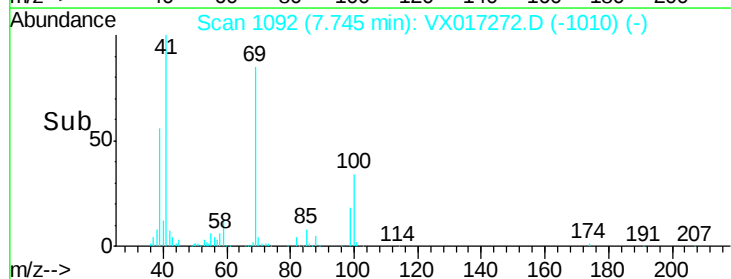
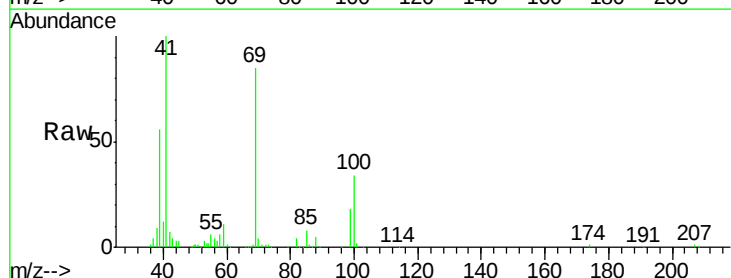
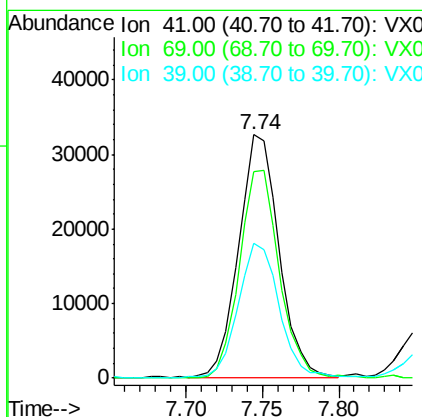
Manual Integrations
 APPROVED

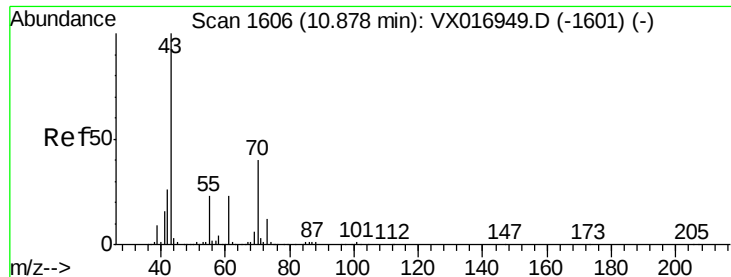
MMDadoda
 7/9/2020 10:59:56 AM



#46
 Methyl methacrylate
 Concen: 15.666 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.2	41.3	123.9
39	55.0	32.0	96.2





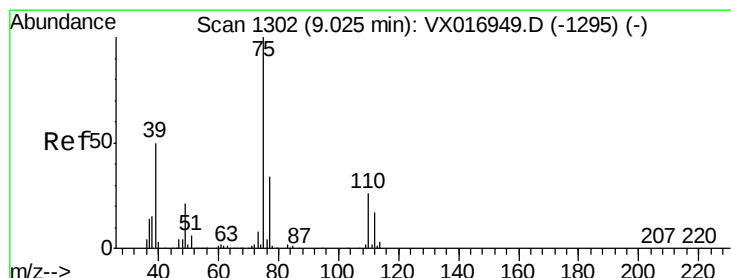
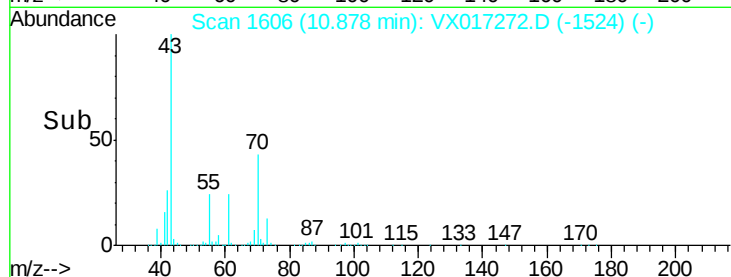
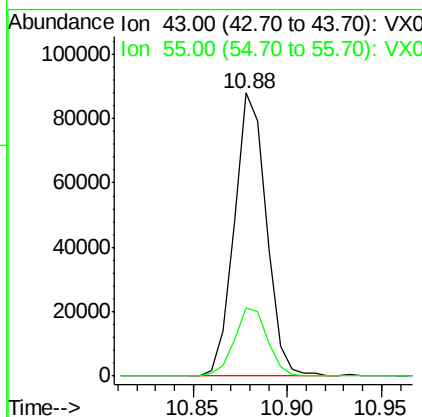
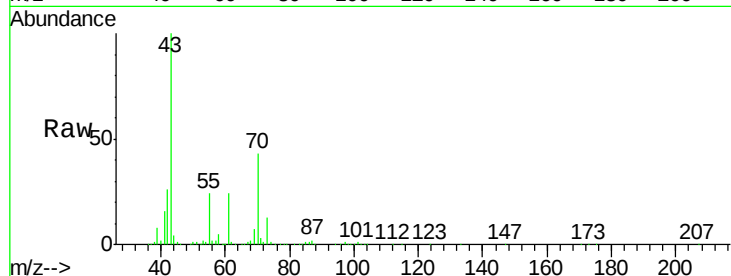
#47
n-amvl Acetate
Concen: 14.062 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	43	Resp	103295
Ion Ratio	100	Lower	Upper
43	100	18.6	27.8
55	25.2		

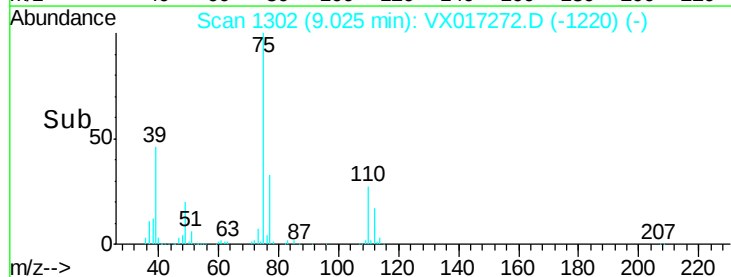
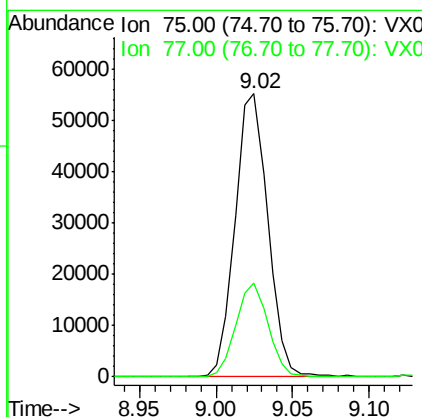
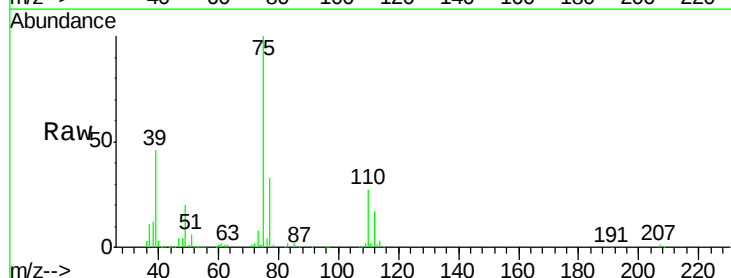
Manual Integrations
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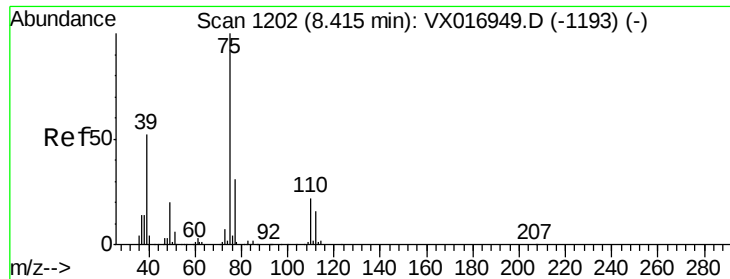
MMDadoda
7/9/2020 10:59:56 AM



#48
t-1,3-Dichloropropene
Concen: 14.685 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	75	Resp	82087
Ion Ratio	100	Lower	Upper
75	100	27.0	40.4
77	33.3		





#49

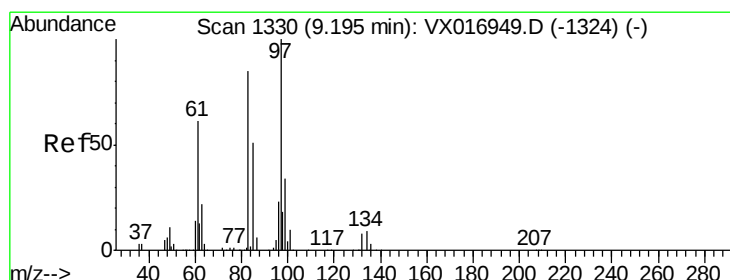
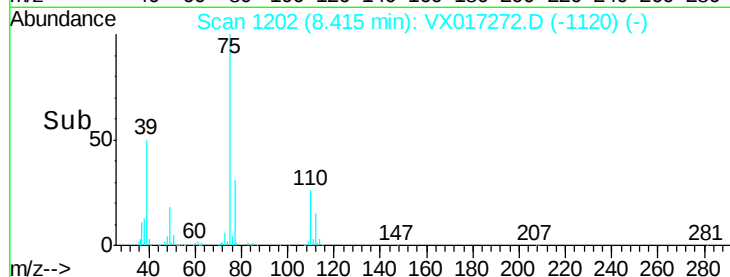
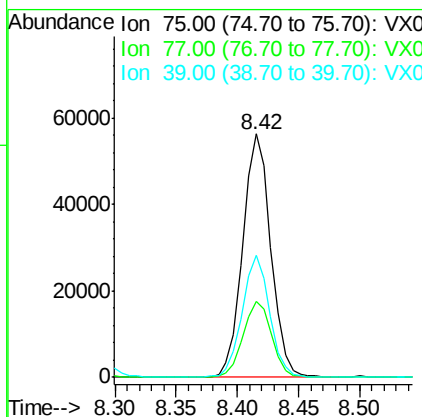
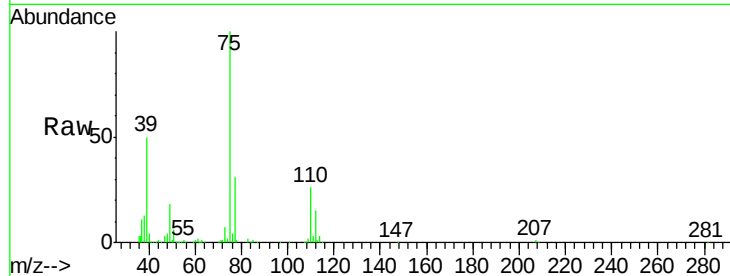
cis-1,3-Dichloropropene
 Concen: 15.262 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2
39	50.1	41.8	62.6

Manual Integrations
 APPROVED

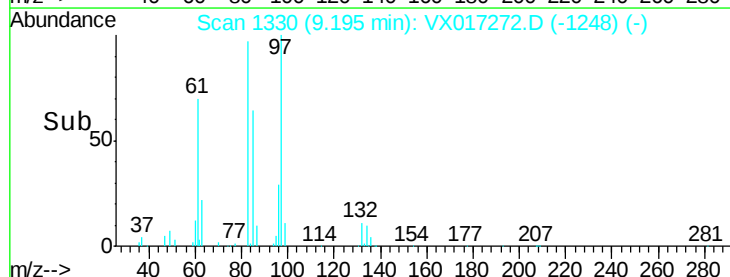
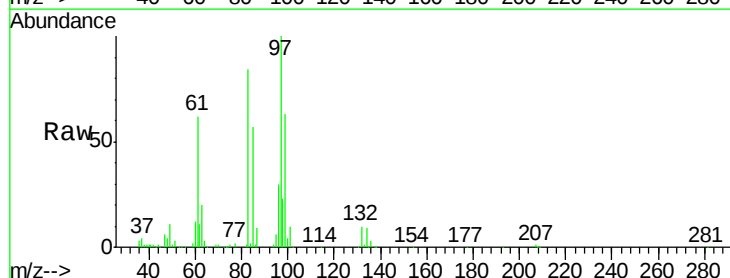
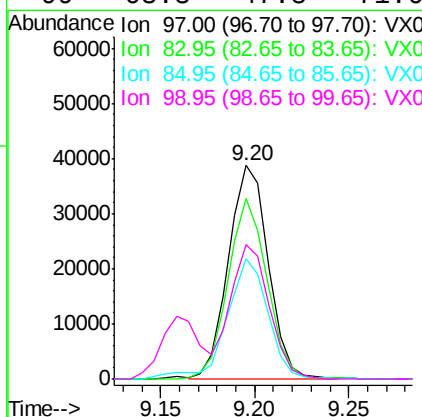
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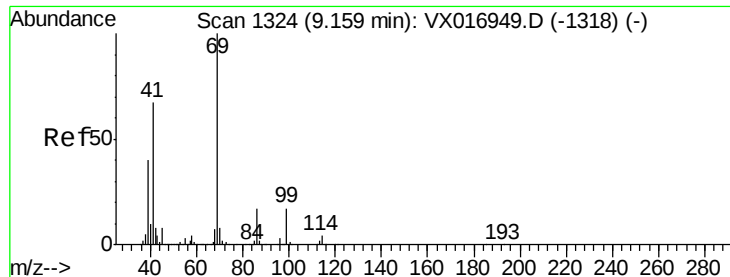


#50

1,1,2-Trichloroethane
 Concen: 16.713 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.0
85	56.6	42.9	64.3
99	63.3	47.8	71.6





#51

Ethyl methacrylate

Concen: 15.466 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

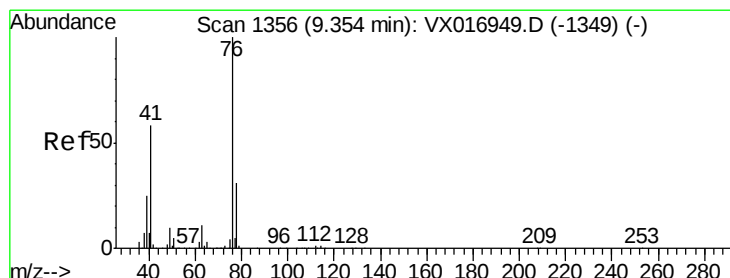
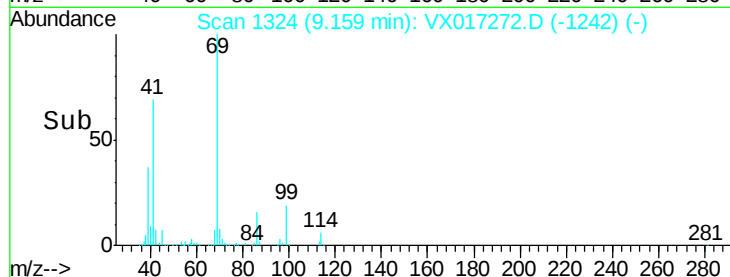
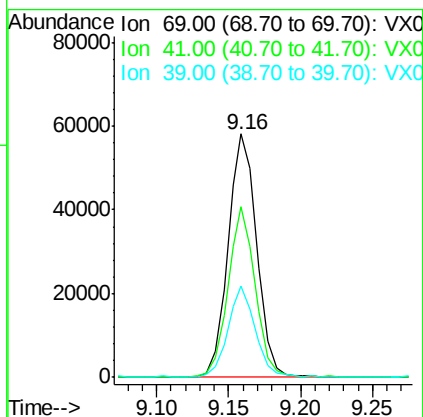
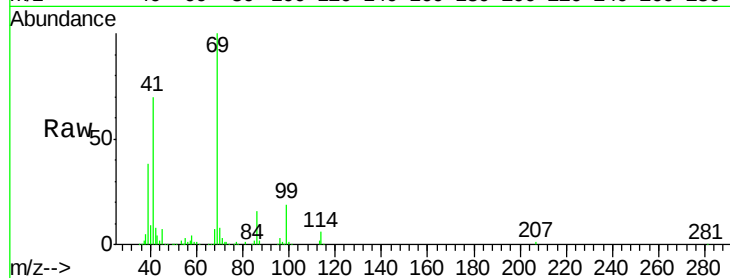
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	80873
Ion	Ratio	Lower	Upper
69	100		
41	69.7	33.7	101.1
39	37.3	19.9	59.7

Manual Integrations
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MMDadoda
7/9/2020 10:59:56 AM



#52

1,3-Dichloropropane

Concen: 16.352 ug/l

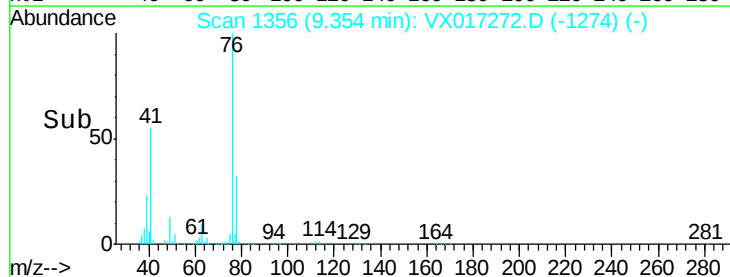
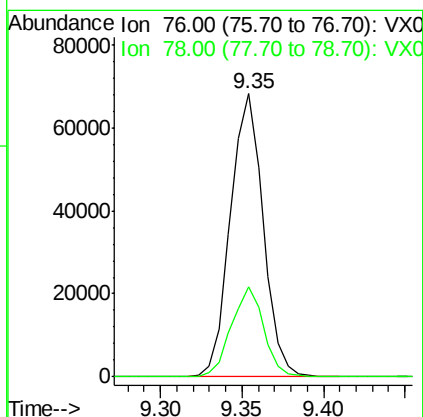
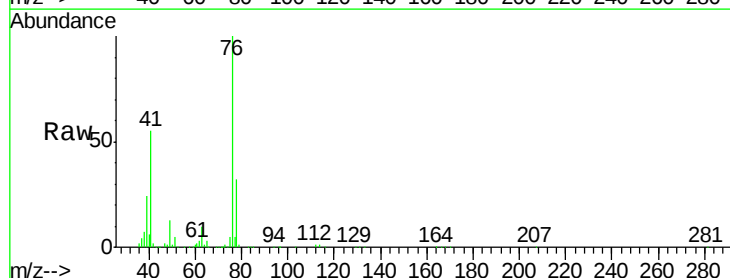
RT: 9.35 min Scan# 1356

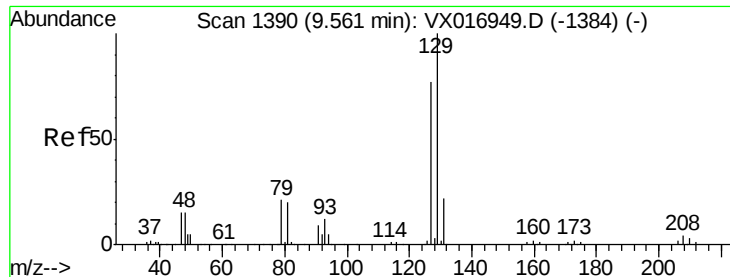
Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	76	Resp:	95659
Ion	Ratio	Lower	Upper
76	100		
78	31.1	0.0	62.4





#53

Dibromochloromethane

Concen: 17.354 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 67963

Ion Ratio Lower Upper

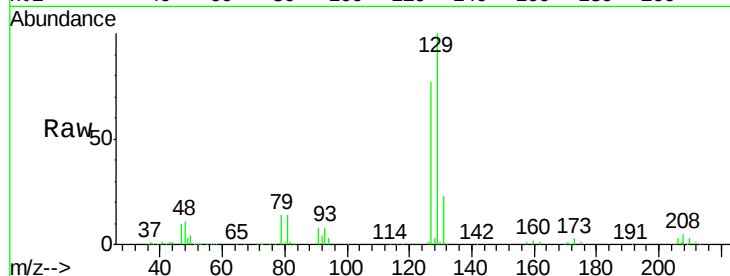
129 100

127 79.3 38.7 116.1

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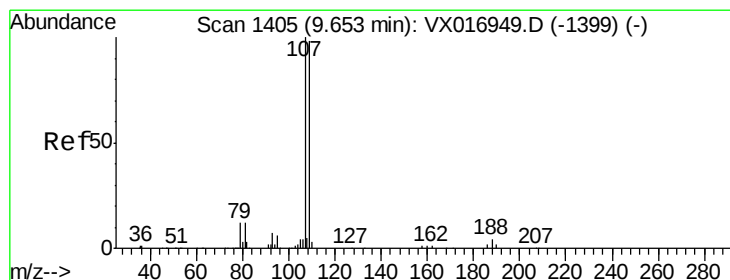
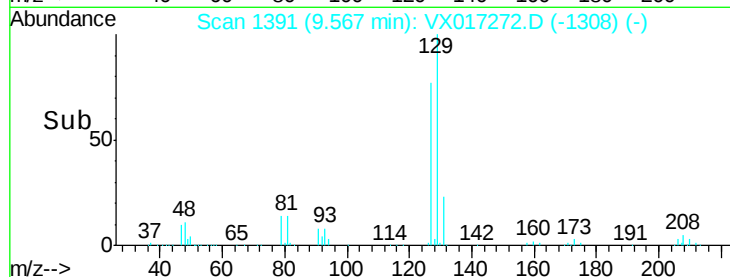
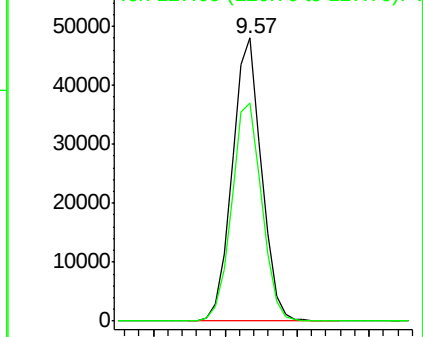
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.207 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017272.D

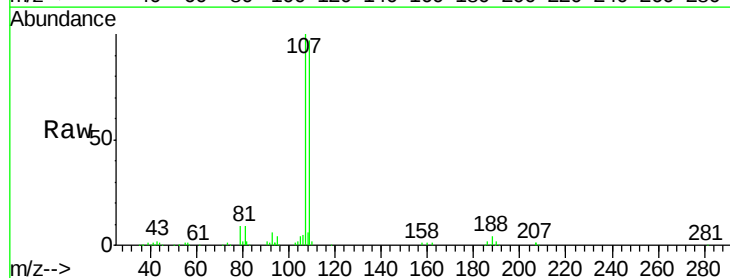
Acq: 08 Jul 2020 21:53

Tgt Ion:107 Resp: 62213

Ion Ratio Lower Upper

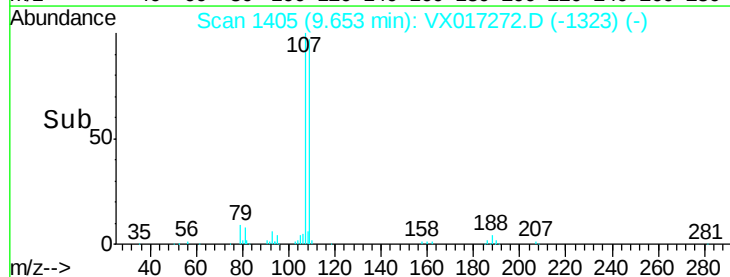
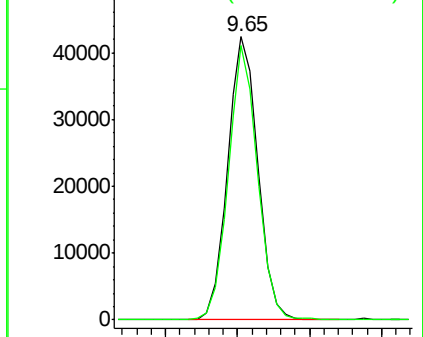
107 100

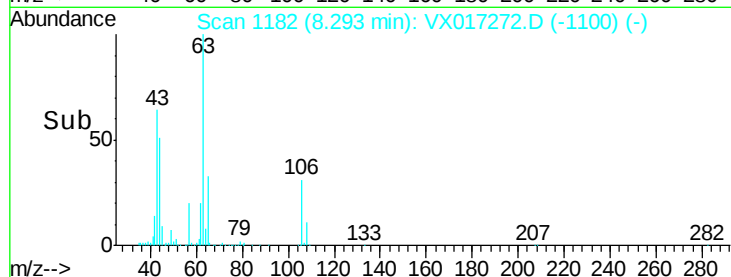
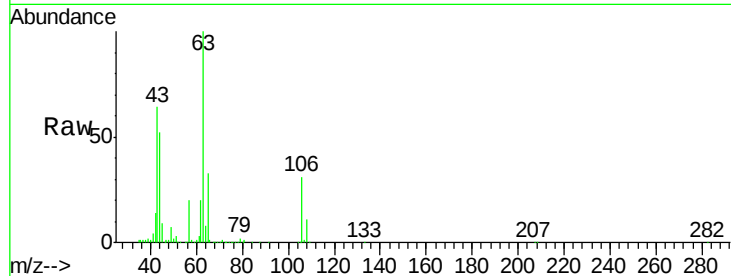
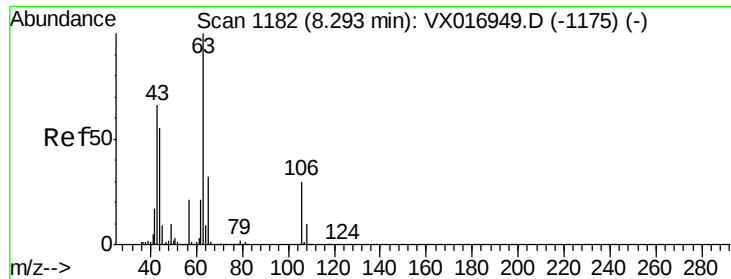
109 93.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





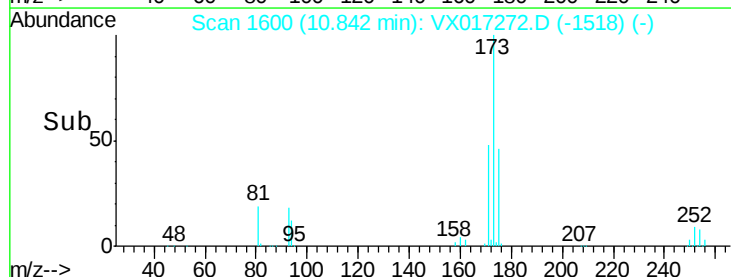
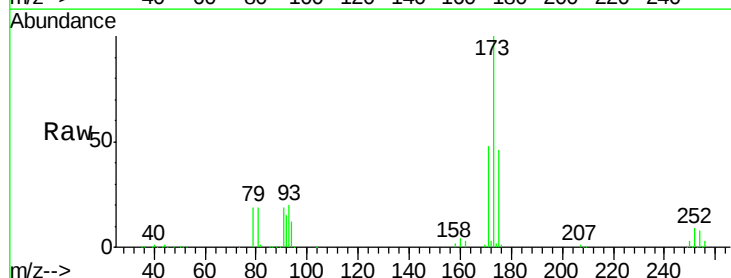
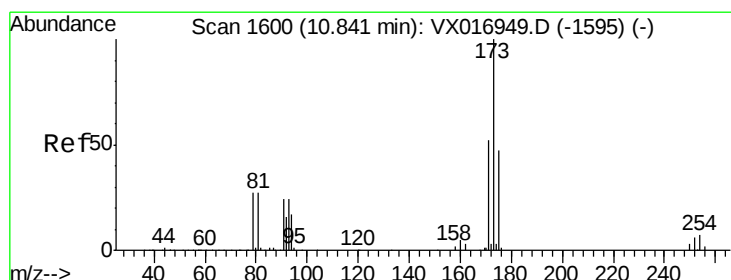
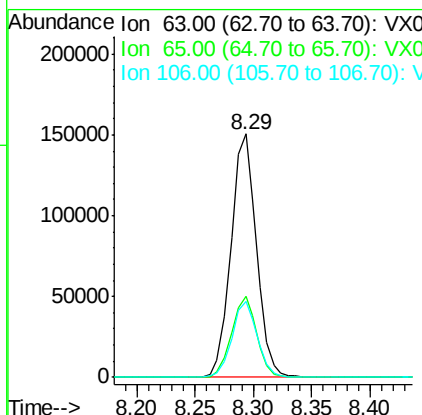
#55
2-Chloroethyl vinyl ether
Concen: 83.464 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
65	32.8	25.9	38.9	
106	30.7	22.6	33.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

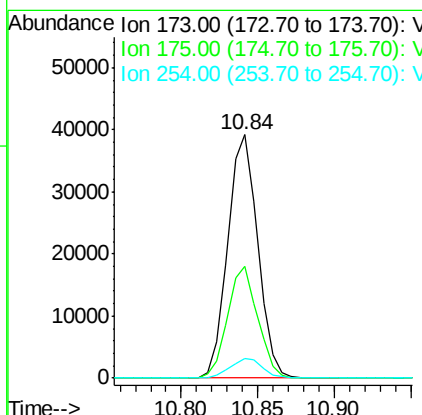
Manual Integrations
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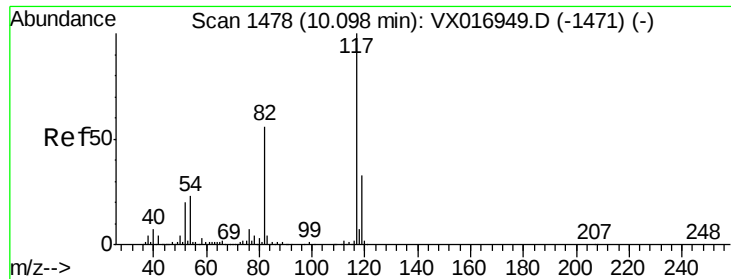
MMDadoda
7/9/2020 10:59:56 AM



#56
Bromoform
Concen: 19.112 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
173	100			
175	46.2	38.7	58.1	
254	8.7	5.8	8.6	





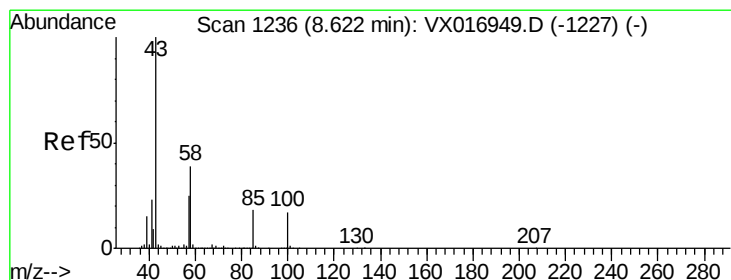
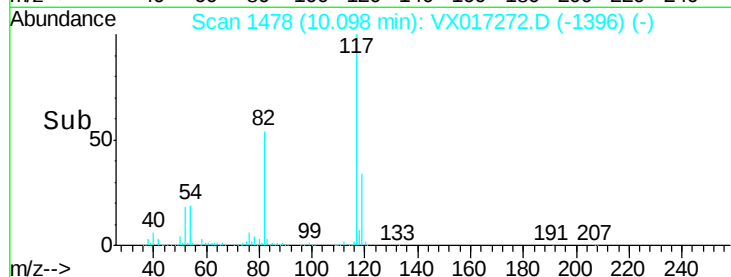
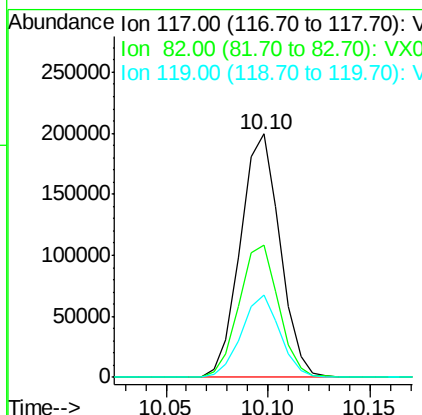
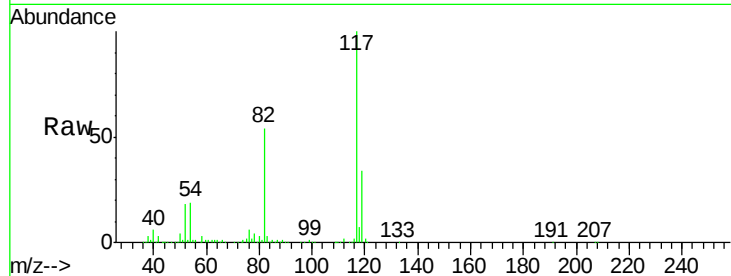
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	269455		
82	54.4		44.9	67.3
119	32.8		25.8	38.8

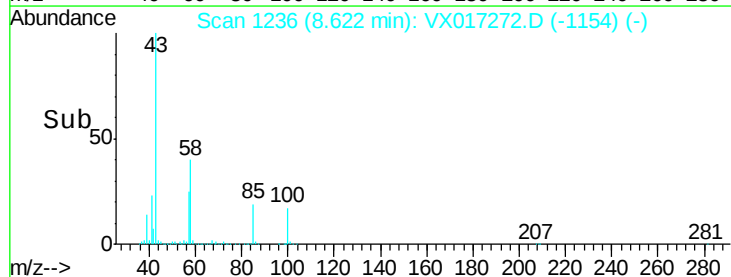
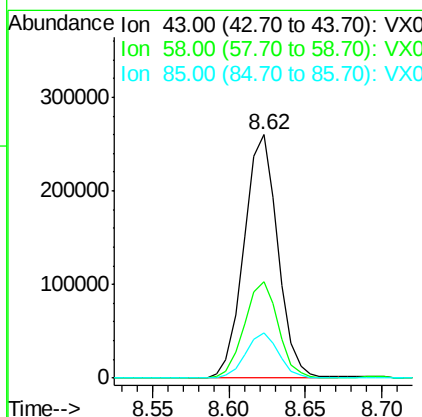
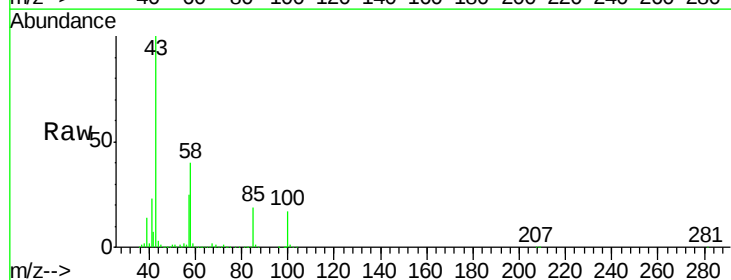
Manual Integrations
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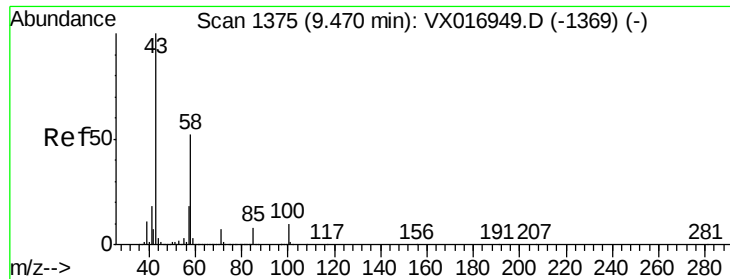
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 80.461 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	399361		
58	39.6		30.4	45.6
85	18.4		13.5	20.3





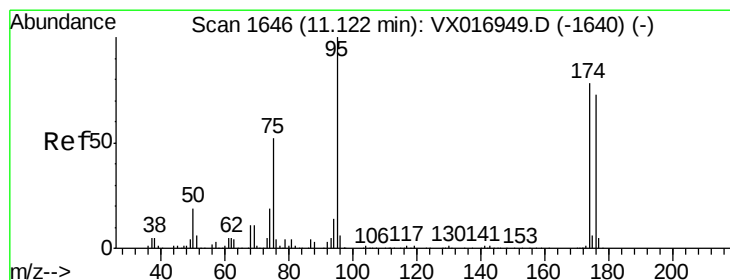
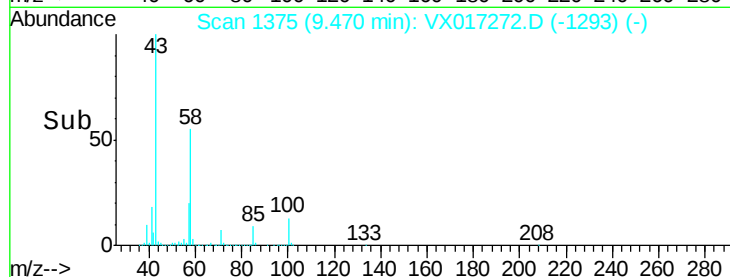
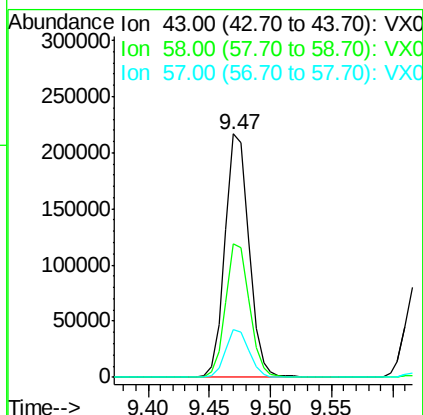
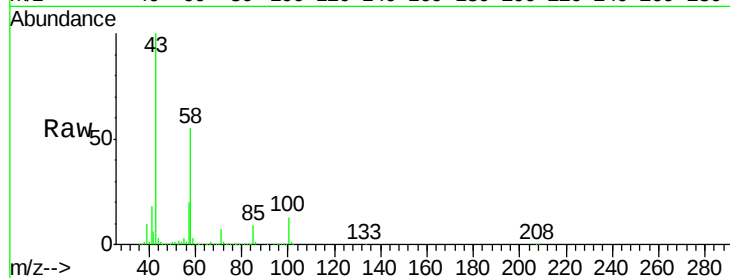
#59
2-Hexanone
Concen: 79.484 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	42.3	63.5
57	19.5	14.1	21.1

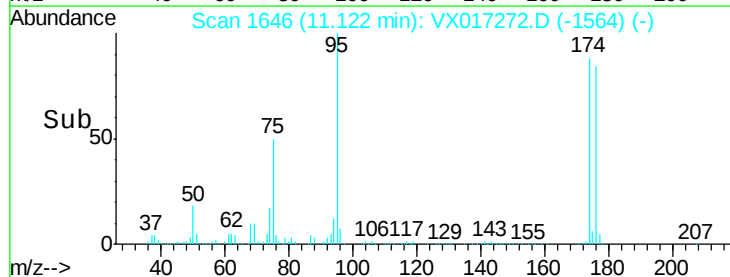
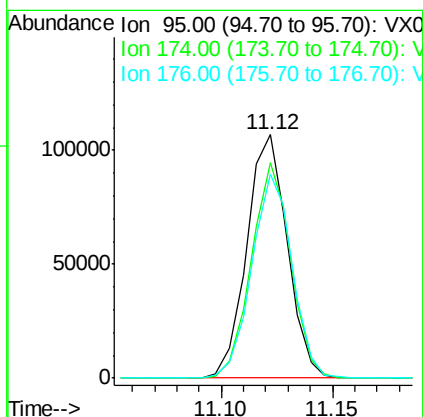
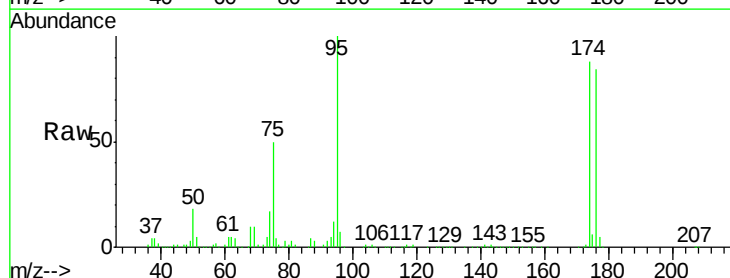
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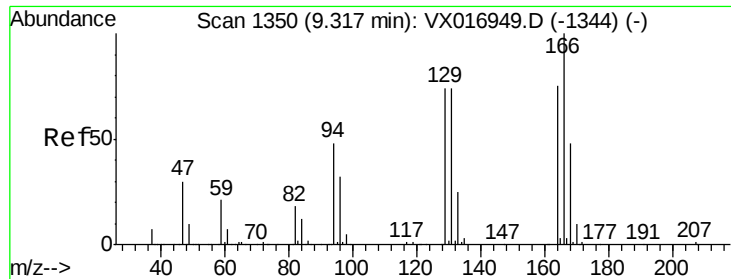
MMDadoda
7/9/2020 10:59:56 AM



#60
4-Bromofluorobenzene
Concen: 30.207 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.8	62.2	93.4
176	83.2	58.9	88.3





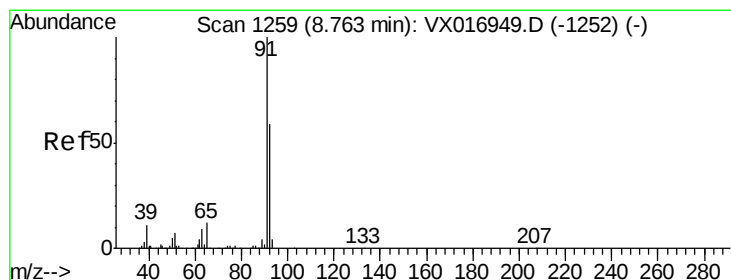
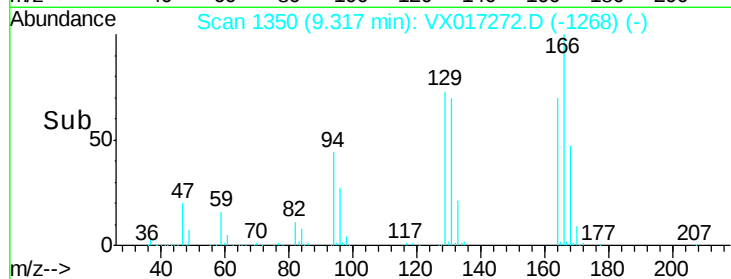
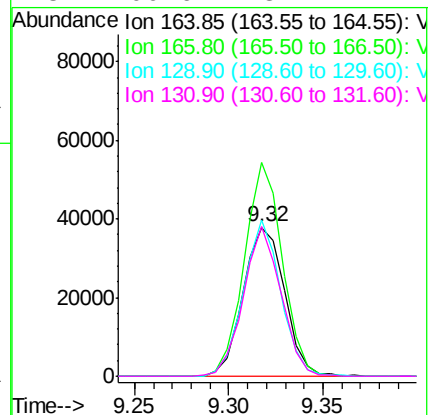
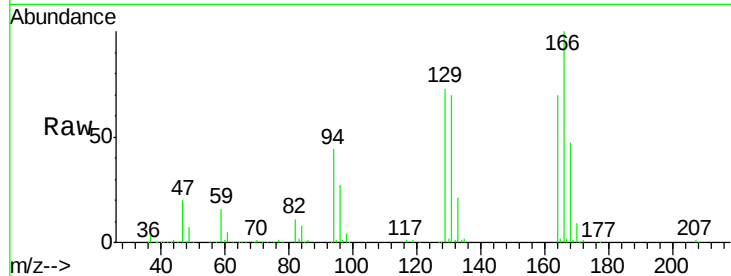
#61
Tetrachloroethene
Concen: 16.811 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	143.6	106.3	159.5
129	105.4	78.9	118.3
131	100.6	78.2	117.4

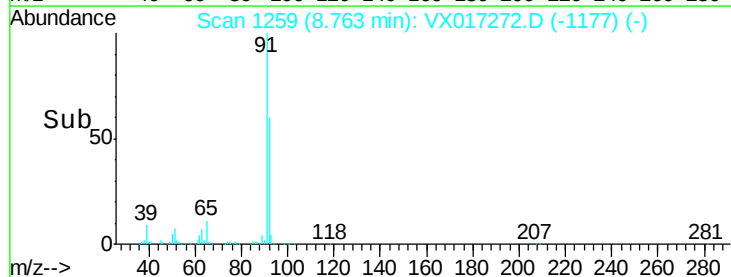
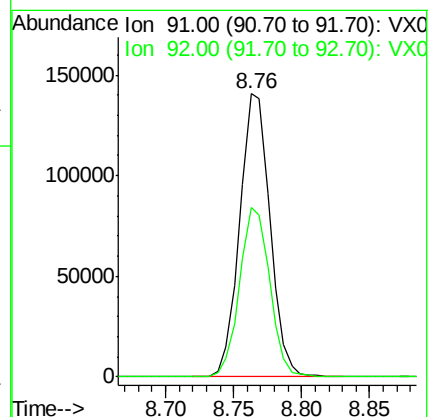
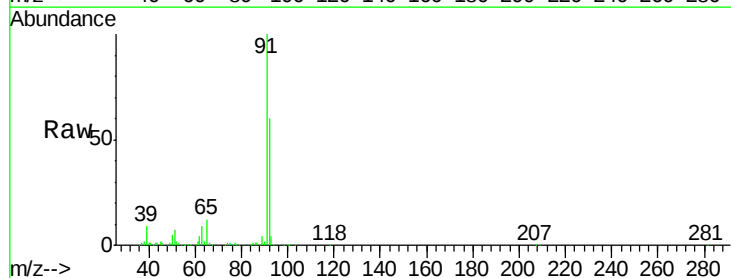
Manual Integrations
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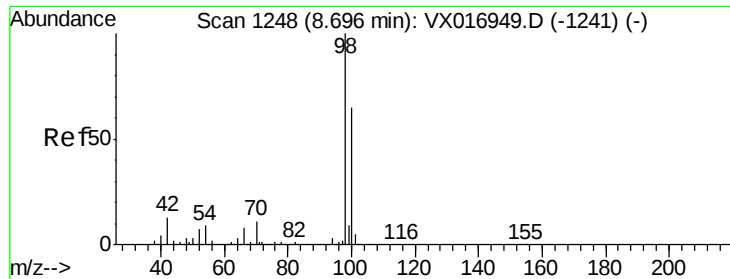
MMDadoda
7/9/2020 10:59:56 AM



#62
Toluene
Concen: 14.882 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.4	46.8	70.2





#63

Toluene-d8

Concen: 29.241 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 347315

Ion Ratio Lower Upper

98 100

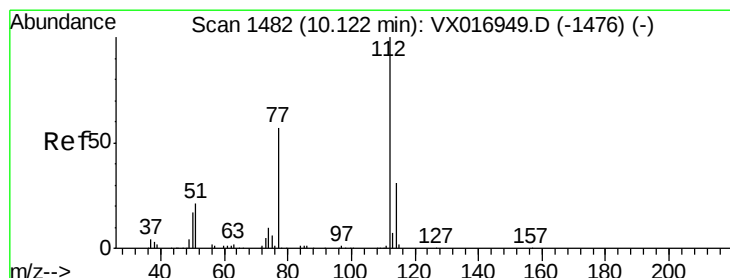
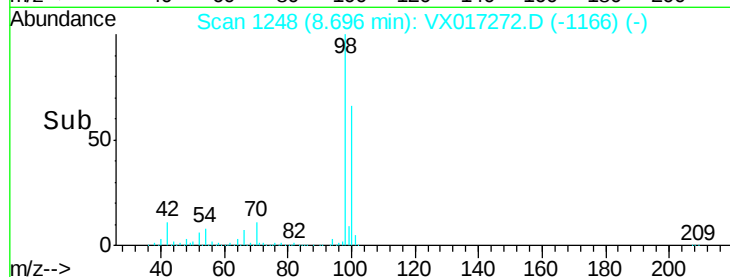
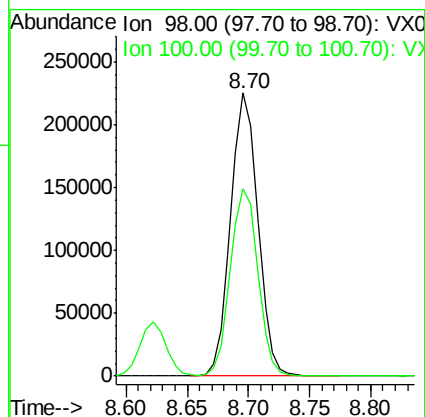
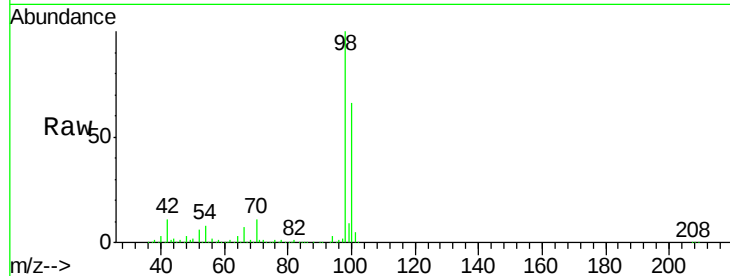
100 67.0 52.3 78.5

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#64

Chlorobenzene

Concen: 15.859 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017272.D

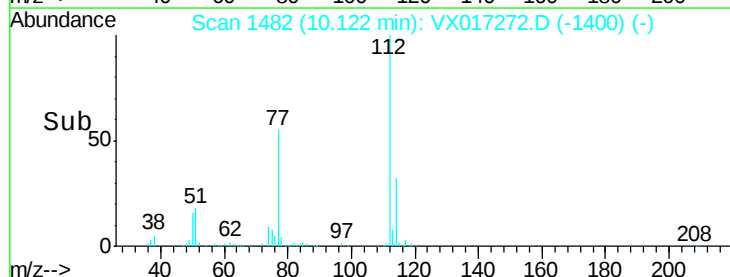
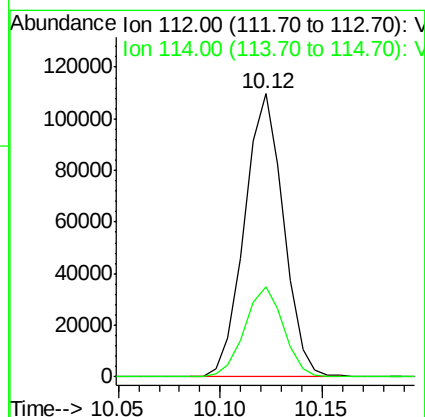
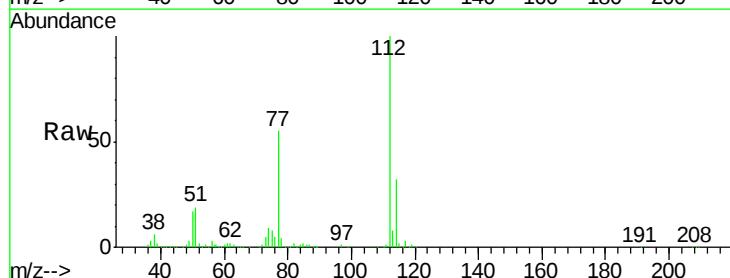
Acq: 08 Jul 2020 21:53

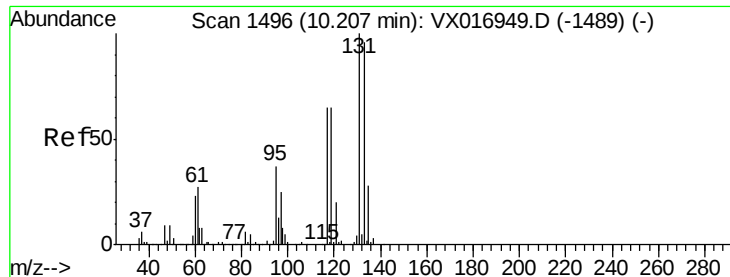
Tgt Ion: 112 Resp: 146428

Ion Ratio Lower Upper

112 100

114 31.6 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 17.037 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

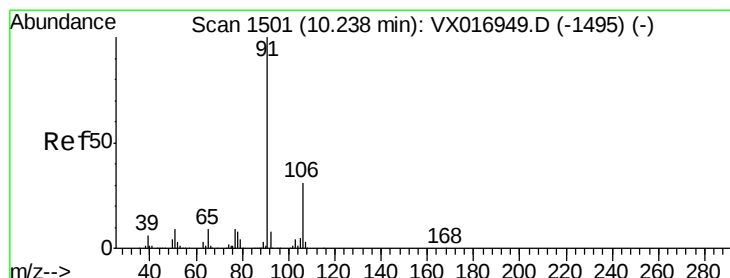
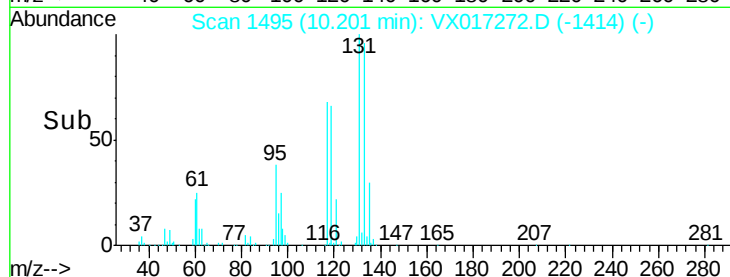
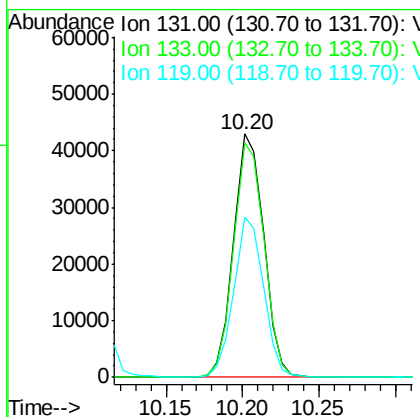
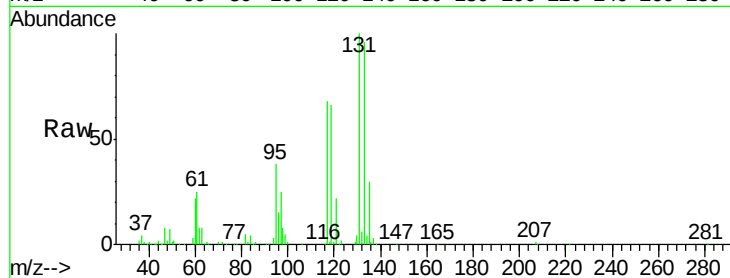
ClientSampled :

VSTDCCC020

Tot Ion:	131	Resp:	59219
Ion	Ratio	Lower	Upper
131	100		
133	97.2	0.0	190.2
119	64.4	0.0	133.2

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#66

Ethyl Benzene

Concen: 14.527 ug/l

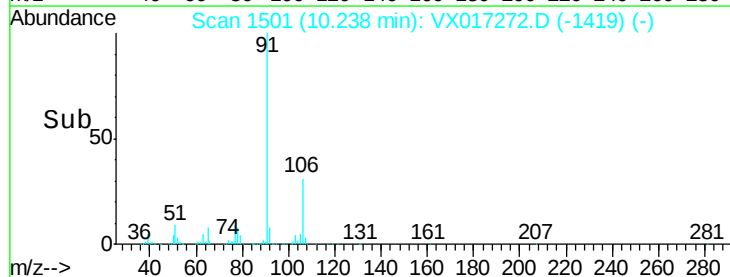
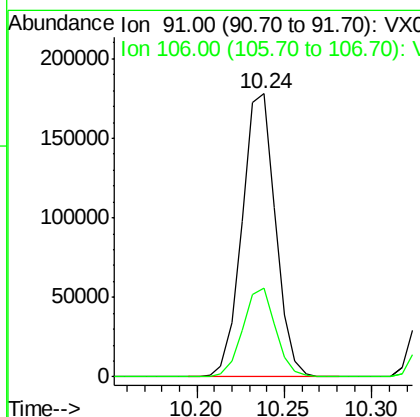
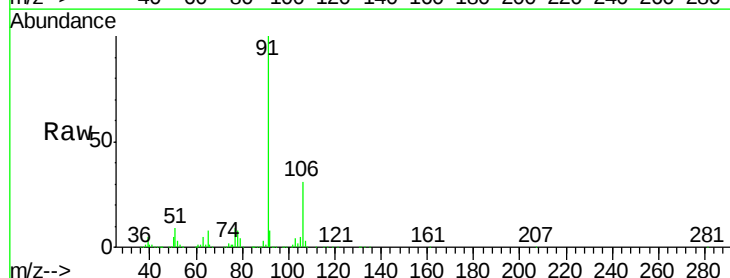
RT: 10.24 min Scan# 1501

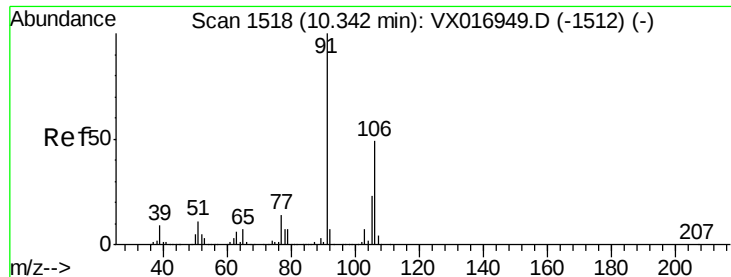
Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	91	Resp:	237418
Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.8	37.2





#67

m/p-Xylenes

Concen: 30.020 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 185082

Ion Ratio Lower Upper

106 100

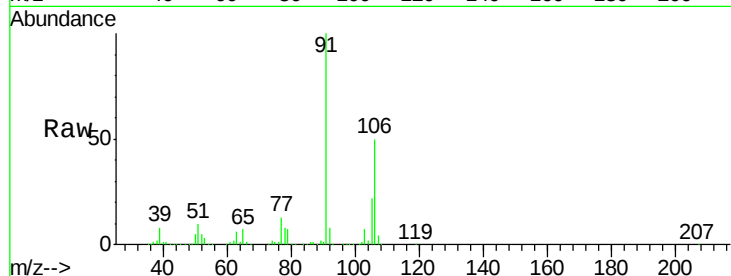
91 200.7 164.5 246.7

Manual Integrations

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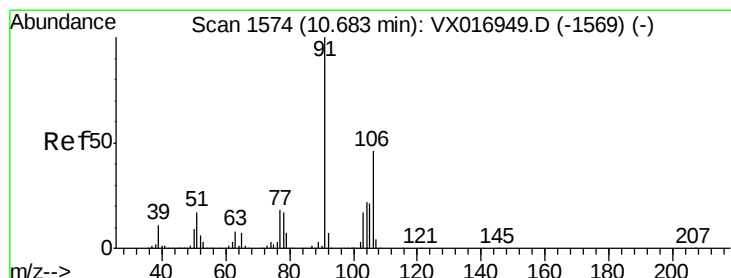
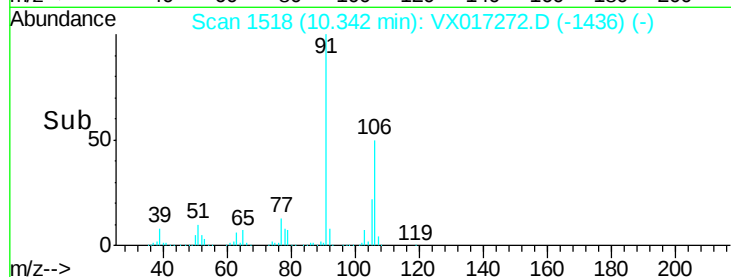
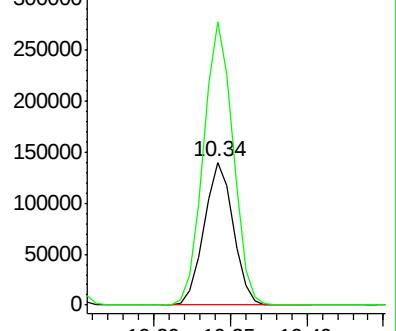
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 14.766 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017272.D

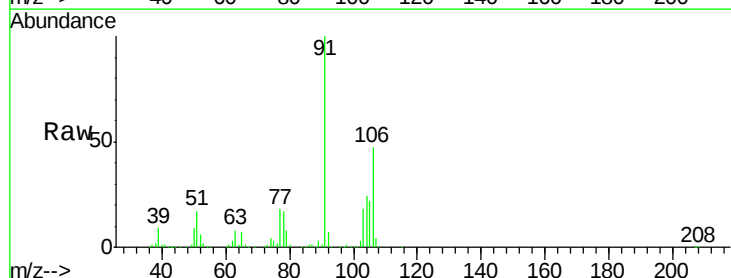
Acq: 08 Jul 2020 21:53

Tgt Ion:106 Resp: 87450

Ion Ratio Lower Upper

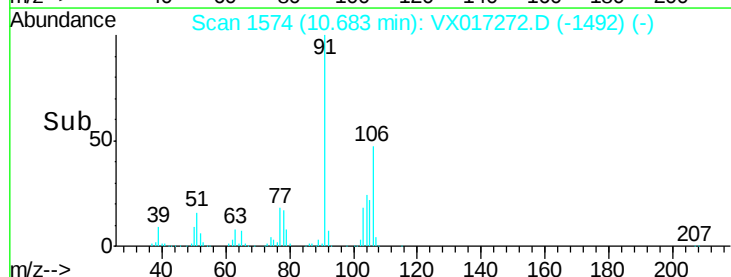
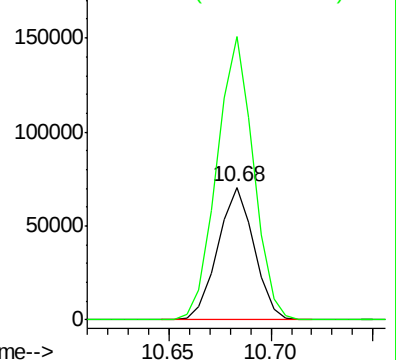
106 100

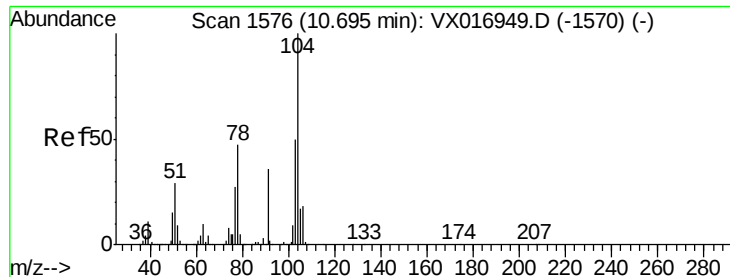
91 214.2 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





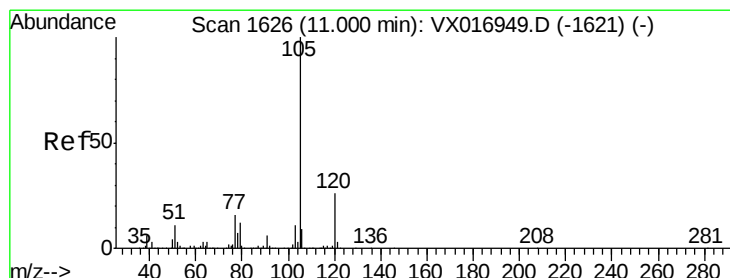
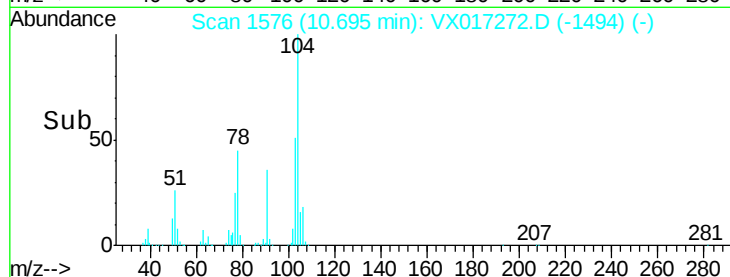
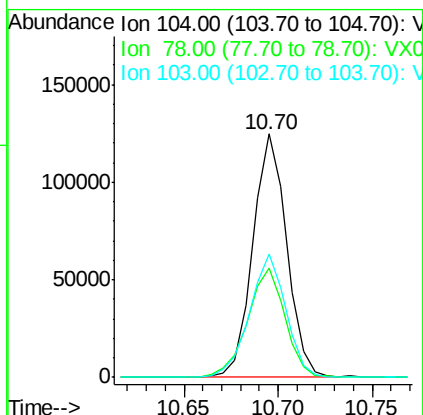
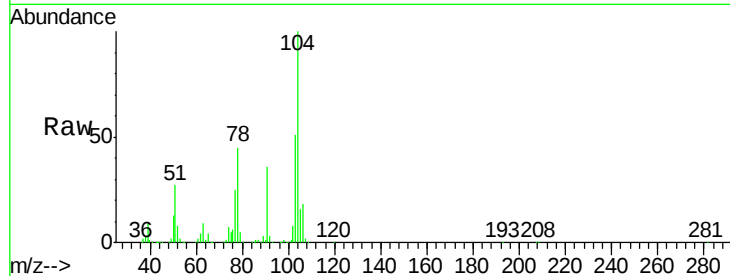
#69
Stvrene
Concen: 15.307 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	155216		
78	49.6		42.6	64.0
103	54.7		44.1	66.1

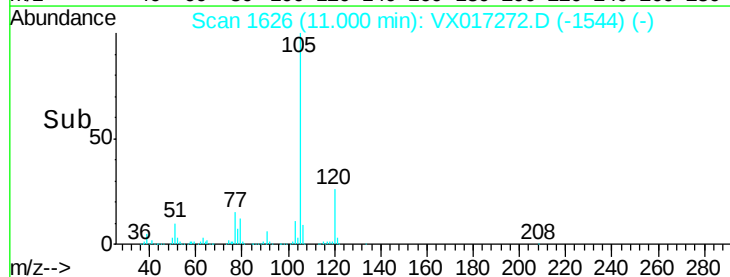
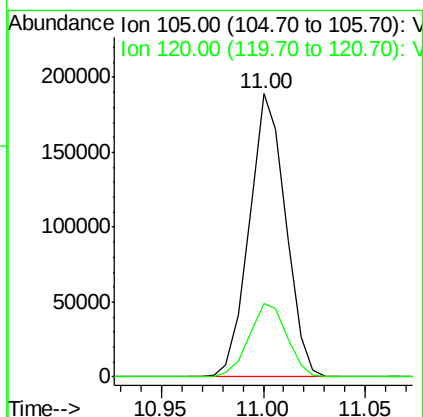
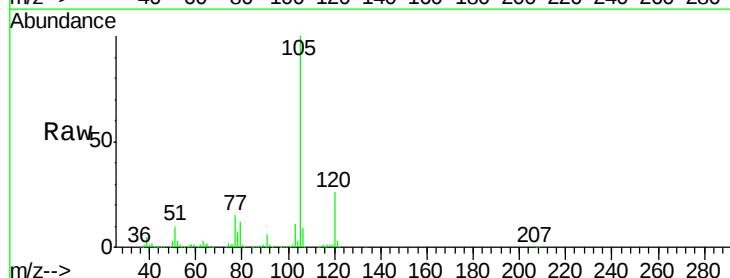
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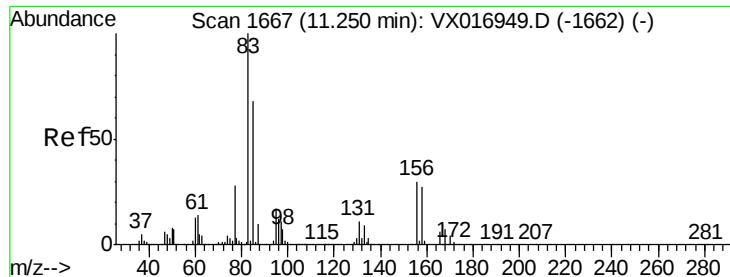
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#70
Isopropylbenzene
Concen: 14.609 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234672		
120	26.9		19.0	35.4





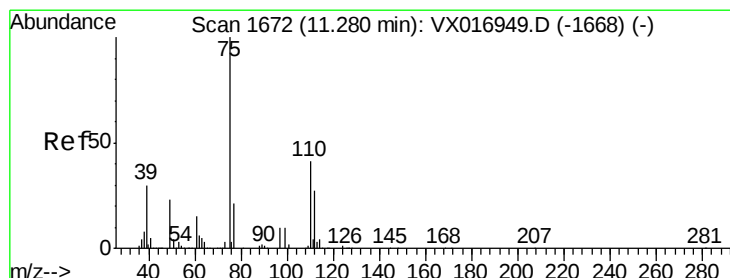
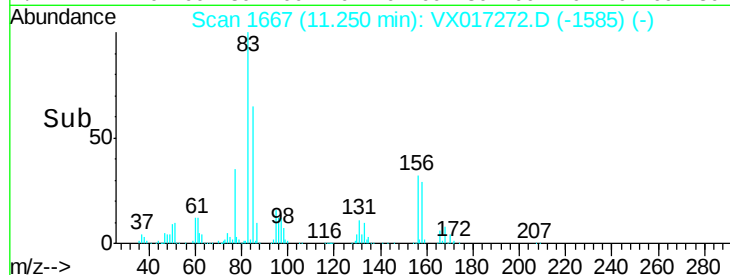
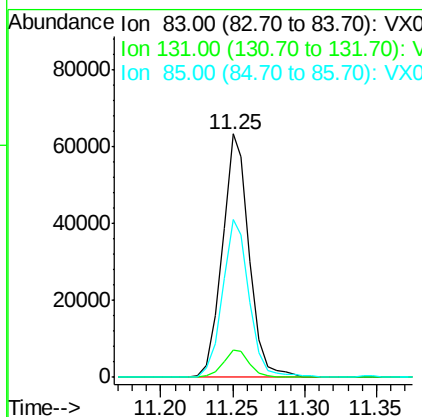
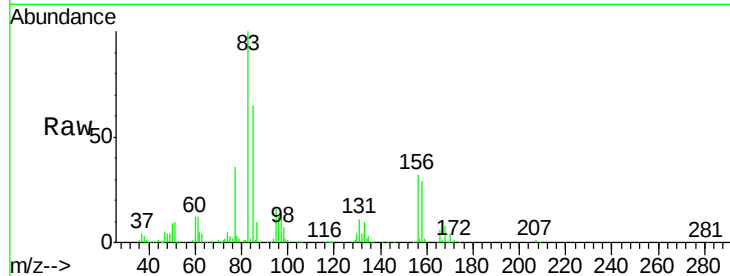
#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.768 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.2	15.6
85	64.8	33.1	99.3

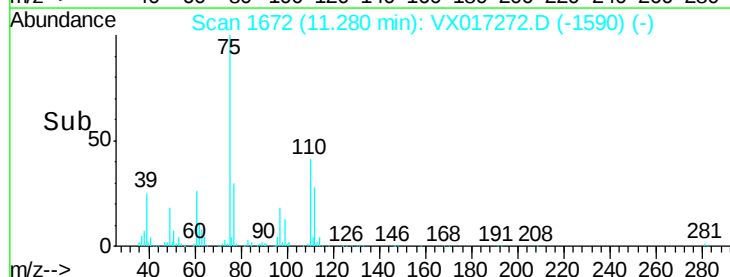
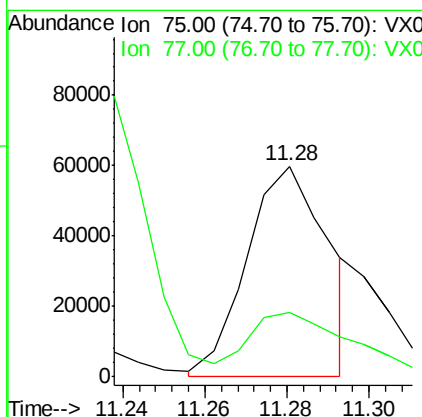
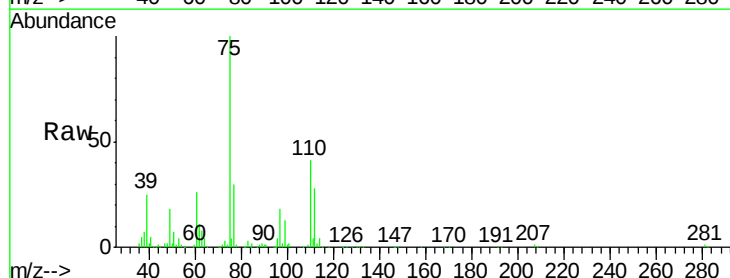
Manual Integrations
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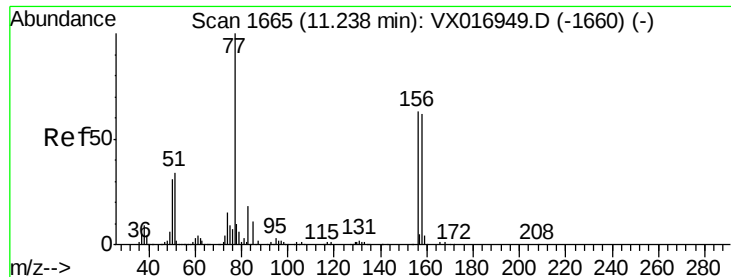
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#72
 1,2,3-Trichloropropane
 Concen: 17.255 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.3	0.0	77.2





#73

Bromobenzene

Concen: 16.804 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

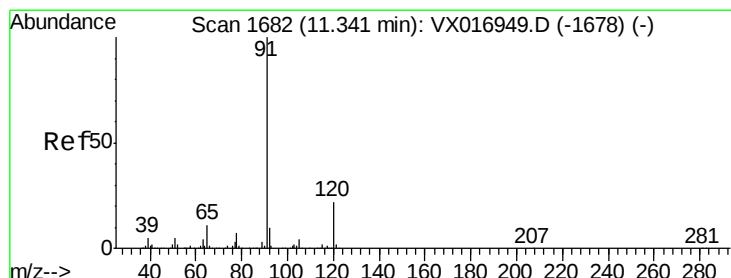
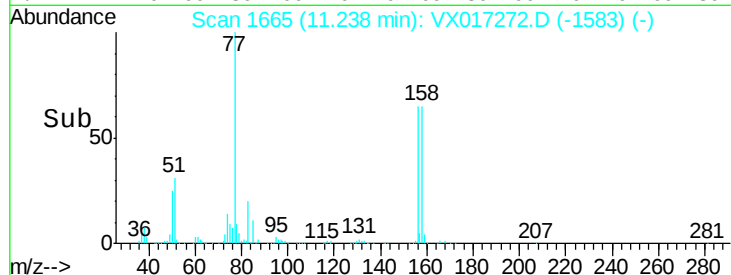
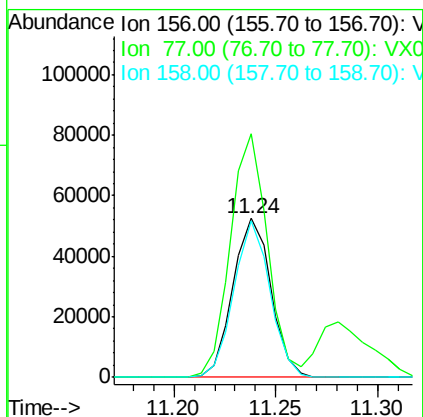
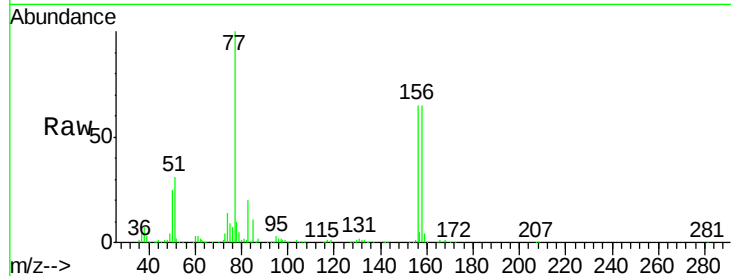
ClientSampled :

VSTDCCC020

Tot Ion:	156	Resp:	68121
Ion Ratio	Lower	Upper	
156	100		
77	149.3	0.0	317.2
158	93.9	0.0	188.4

Manual Integrations
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#74

n-propylbenzene

Concen: 13.792 ug/l

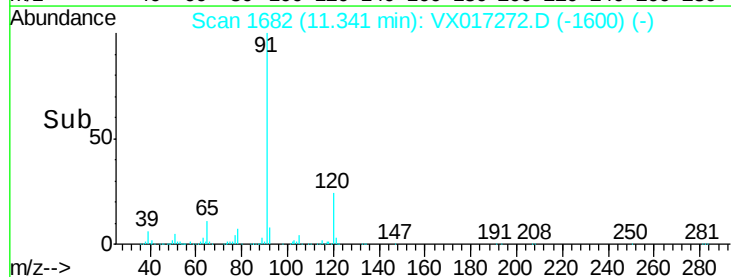
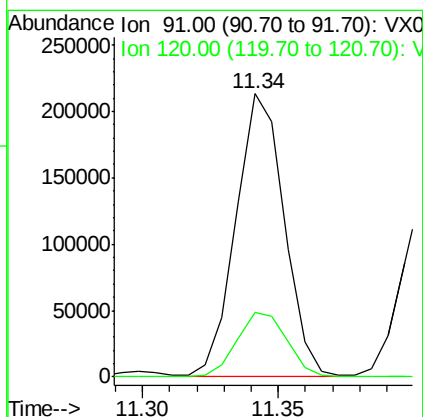
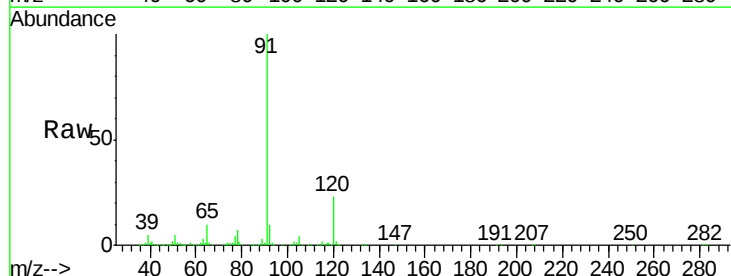
RT: 11.34 min Scan# 1682

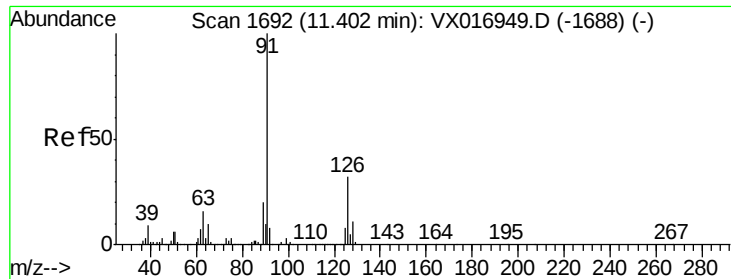
Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion:	91	Resp:	263038
Ion Ratio	Lower	Upper	
91	100		
120	23.7	0.0	45.6





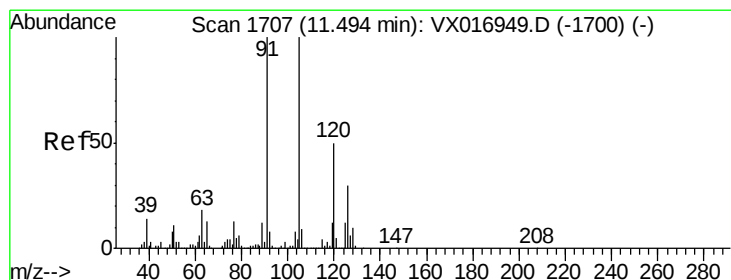
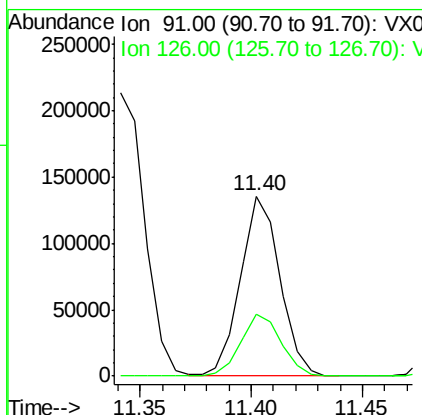
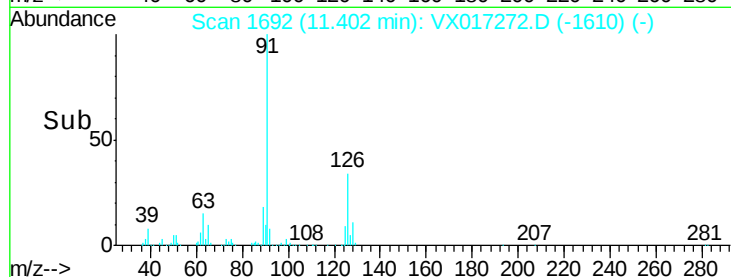
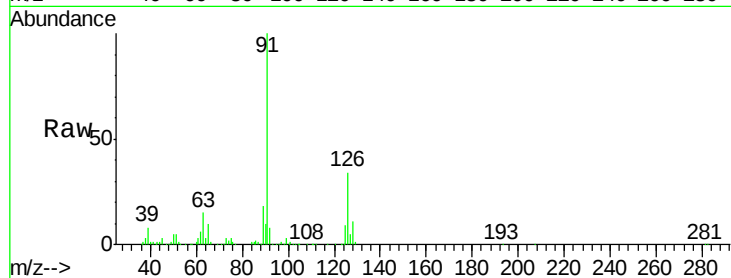
#75
 2-Chlorotoluene
 Concen: 15.088 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 91 Resp: 167809
 Ion Ratio Lower Upper
 91 100
 126 35.1 0.0 68.0

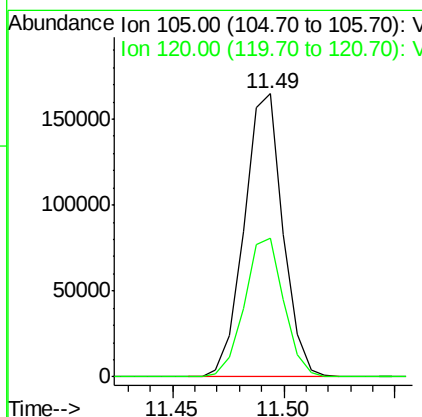
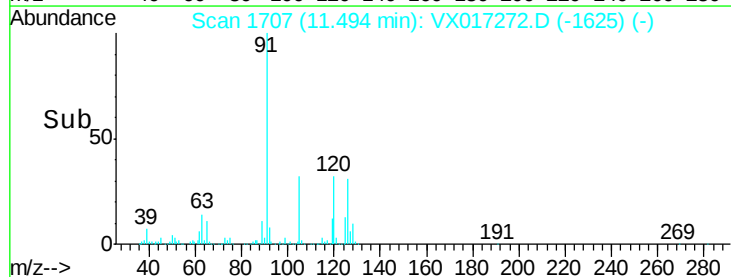
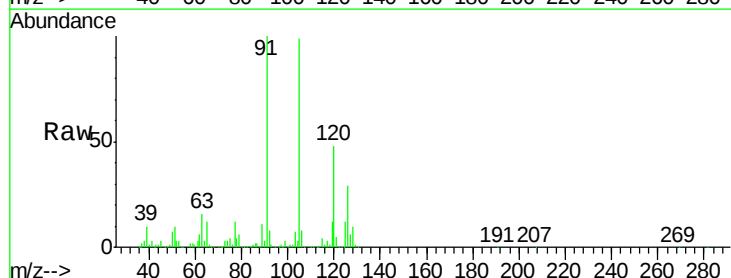
Manual Integrations
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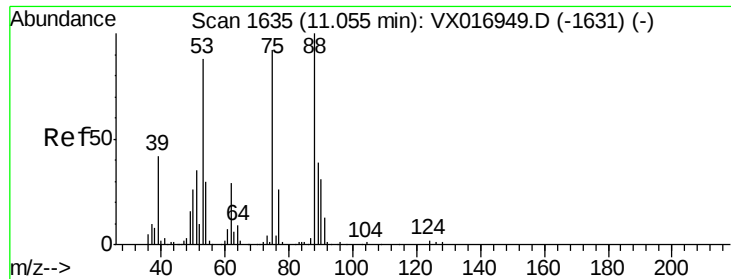
MMDadoda
 7/9/2020 10:59:56 AM



#76
 1,3,5-Trimethylbenzene
 Concen: 14.859 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 105 Resp: 200342
 Ion Ratio Lower Upper
 105 100
 120 49.8 0.0 99.4





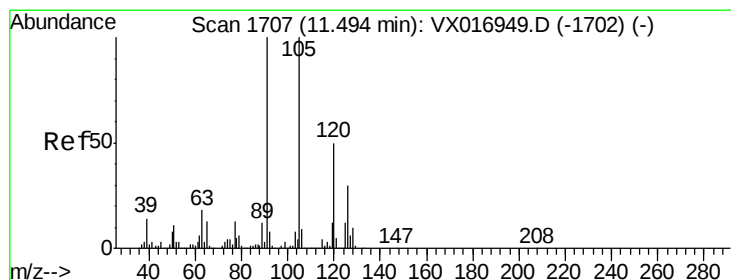
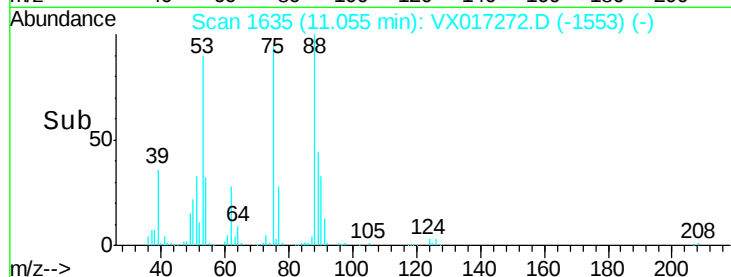
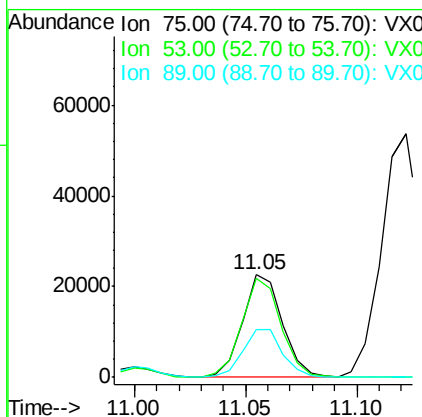
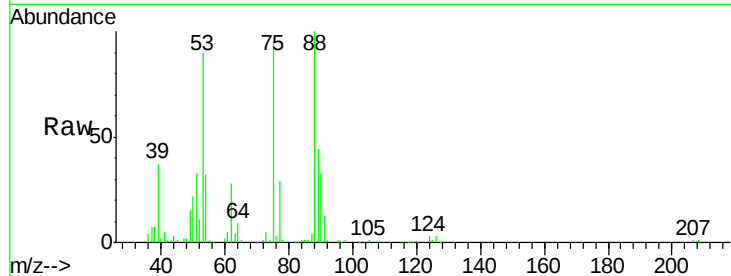
#77
t-1,4-Dichloro-2-butene
Concen: 14.743 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	47.6	142.9
89	46.4	21.1	63.4

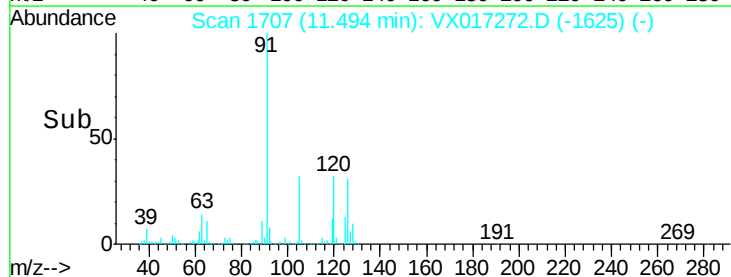
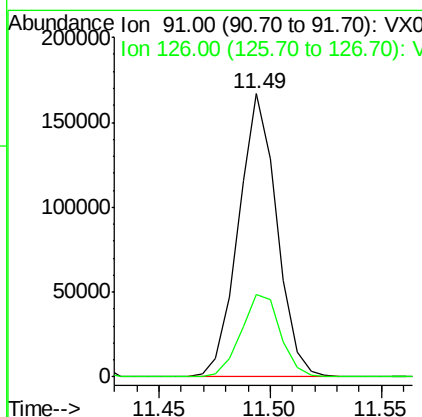
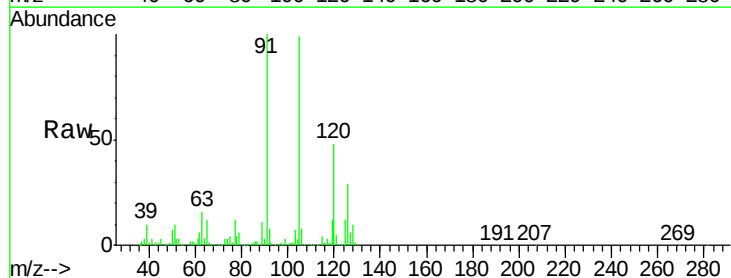
Manual Integrations
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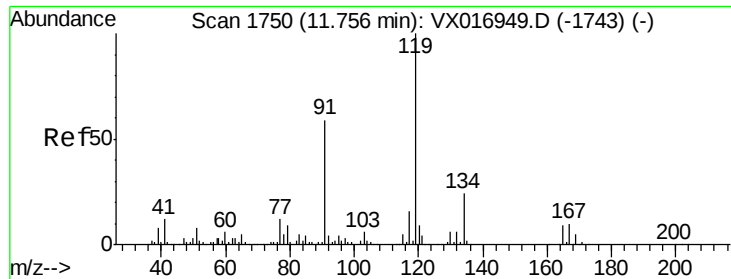
MMDadoda
7/9/2020 10:59:56 AM



#78
4-Chlorotoluene
Concen: 15.135 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	60.6





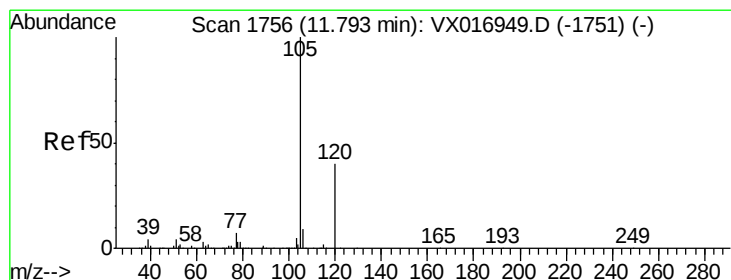
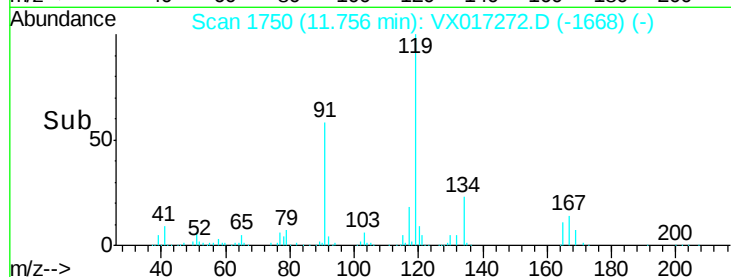
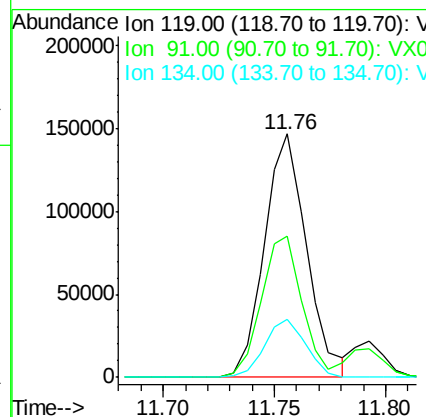
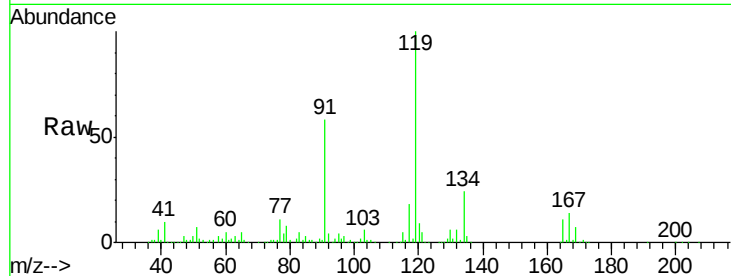
#79
tert-butylbenzene
Concen: 14.955 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	193169		
91	55.7	0.0	115.2	
134	23.2	0.0	45.8	

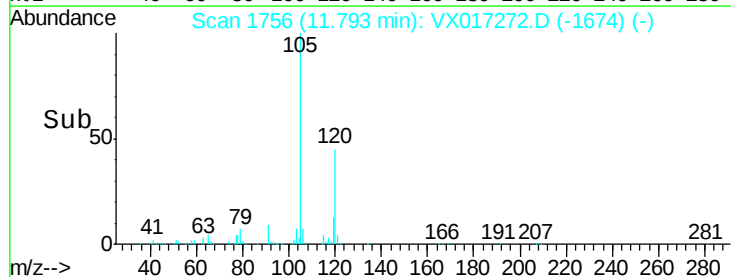
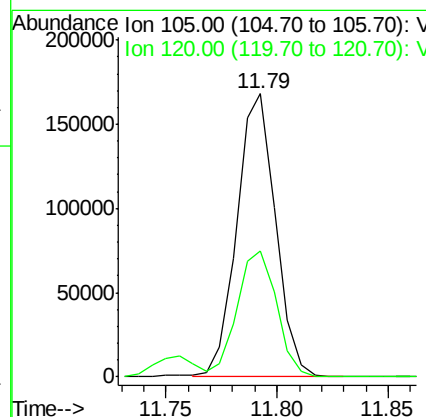
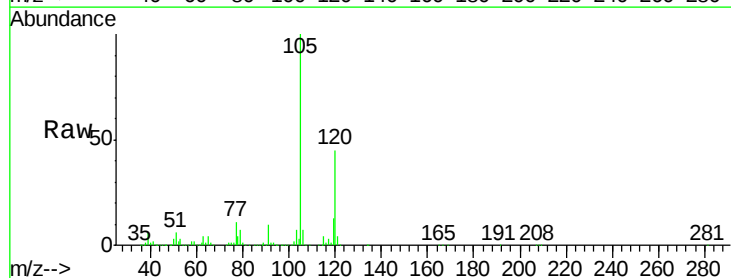
Manual Integrations
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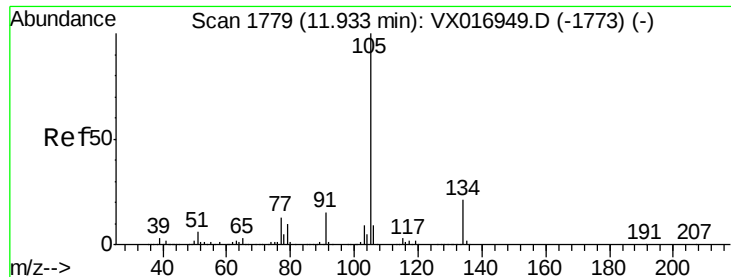
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7/9/2020 10:59:56 AM



#80
1,2,4-Trimethylbenzene
Concen: 15.026 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203396		
120	45.6	0.0	89.8	





#81

sec-Butylbenzene

Concen: 13.582 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 212395

Ion Ratio Lower Upper

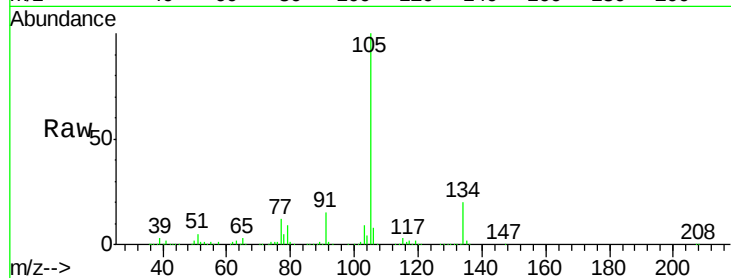
105 100

134 20.6 0.0 41.2

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

Ion 134.00 (133.70 to 134.70): V

11.93

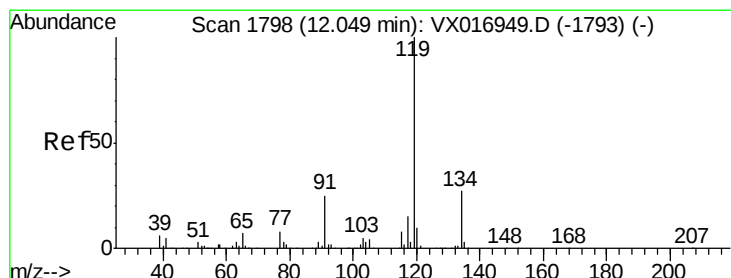
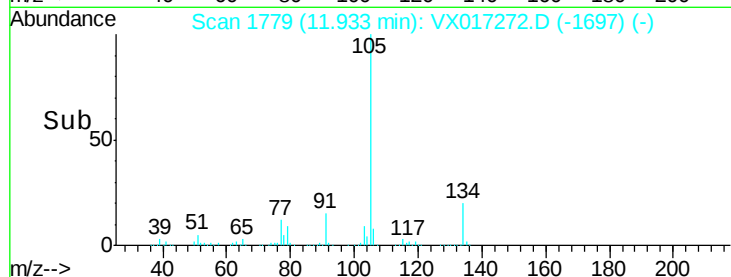
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 14.223 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

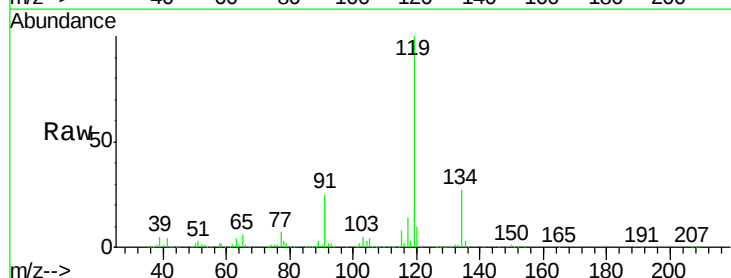
Tgt Ion:119 Resp: 200834

Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.0

91 24.0 0.0 49.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

200000

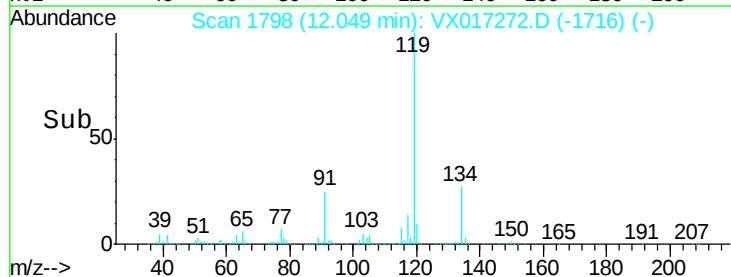
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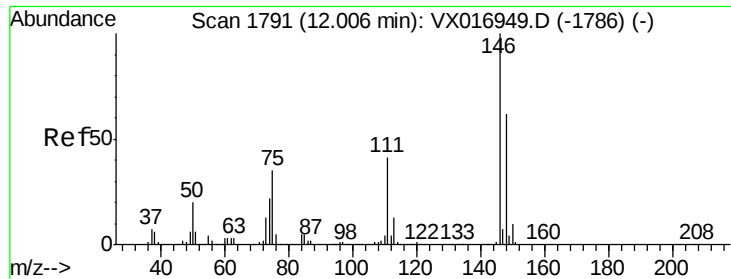
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50000

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Time-->





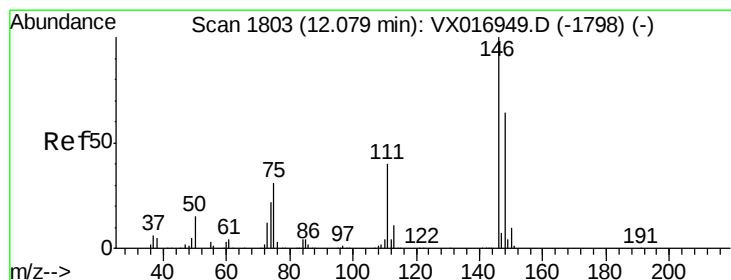
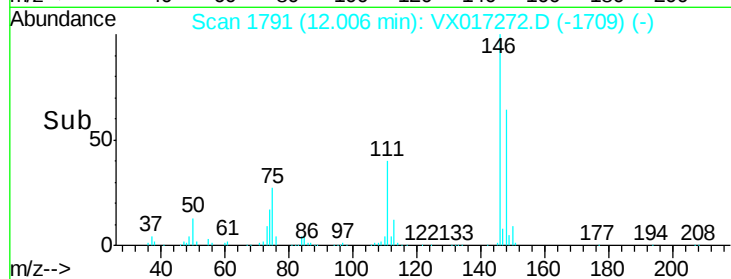
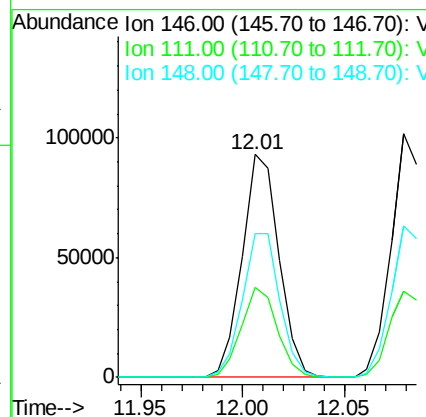
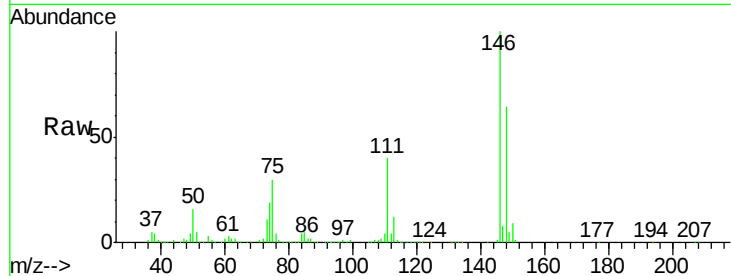
#83
 1,3-Dichlorobenzene
 Concen: 16.124 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	65.9	31.8	95.4

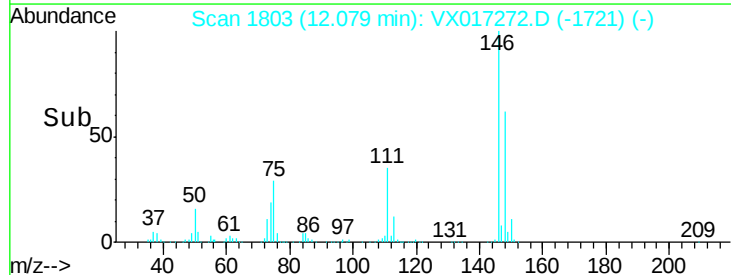
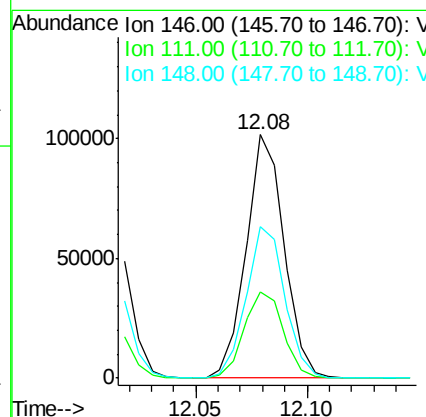
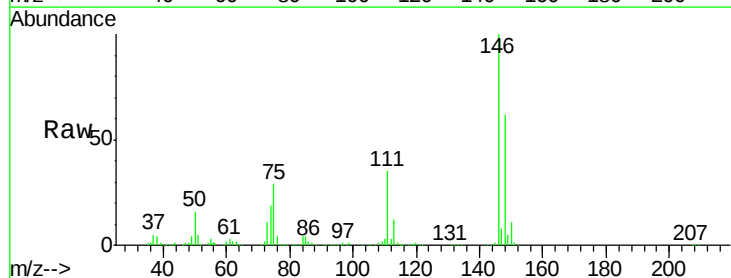
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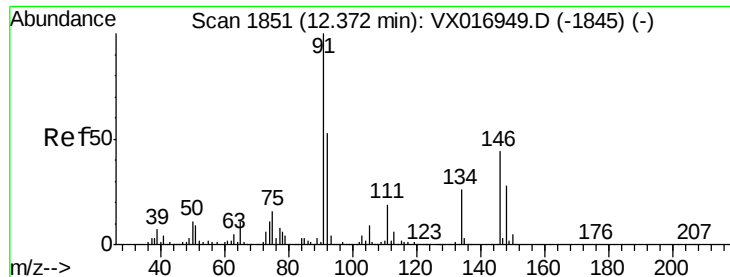
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#84
 1,4-Dichlorobenzene
 Concen: 16.564 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.4	58.2
148	63.9	32.1	96.3





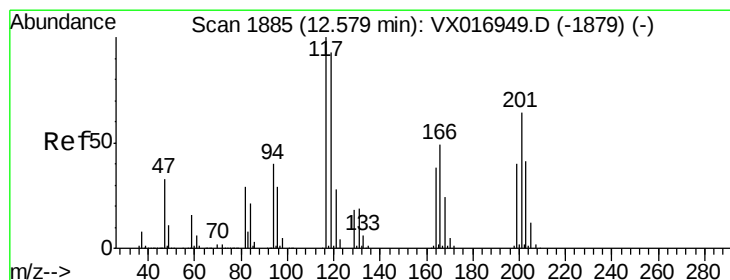
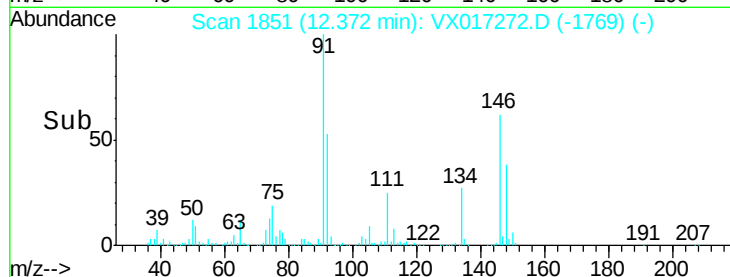
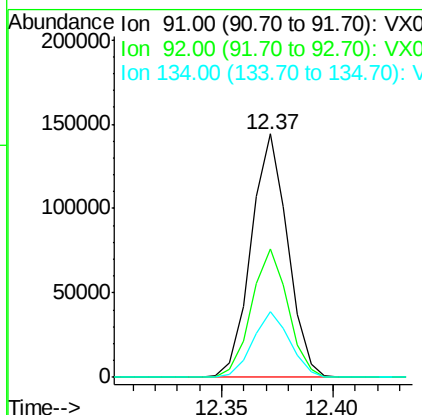
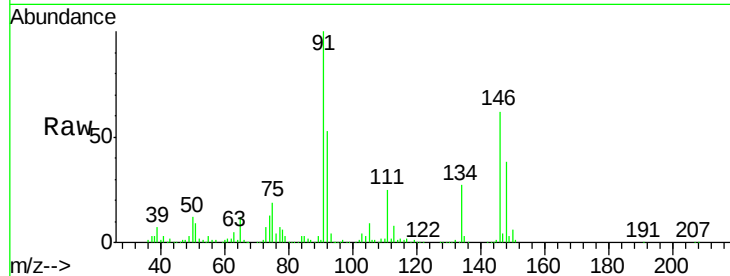
#85
n-Butylbenzene
Concen: 12.566 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	164232		
92	53.0	0.0	105.8	
134	27.4	0.0	52.2	

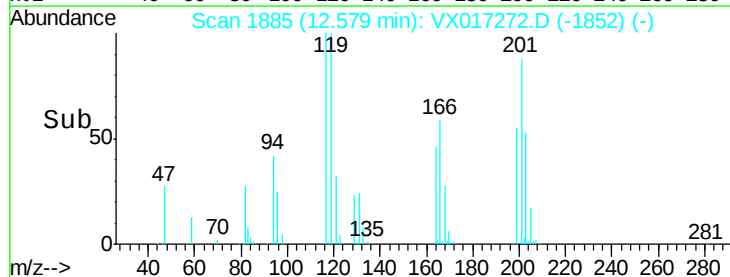
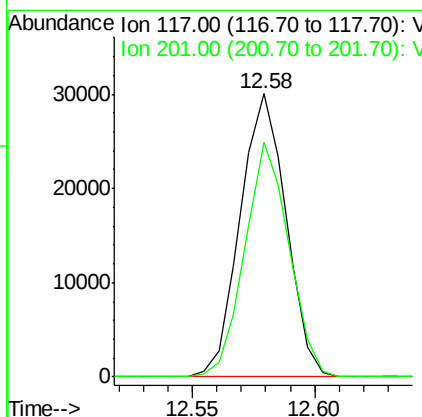
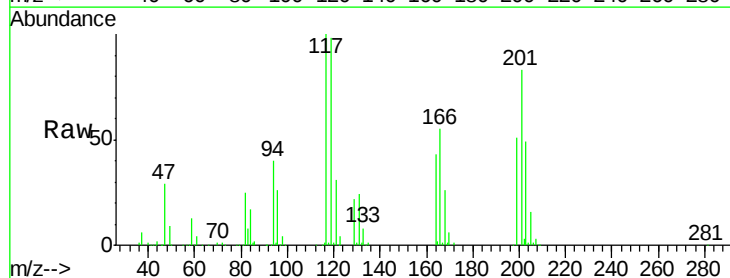
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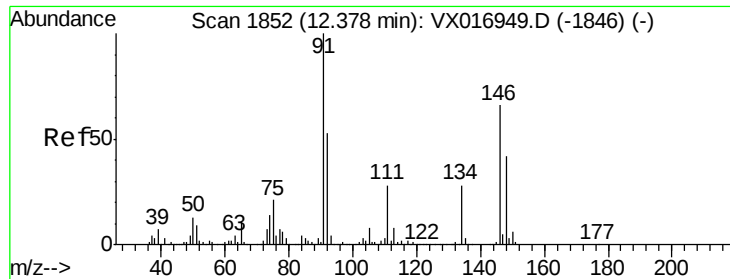
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#86
Hexachloroethane
Concen: 14.233 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39330		
201	80.0	34.6	103.9	





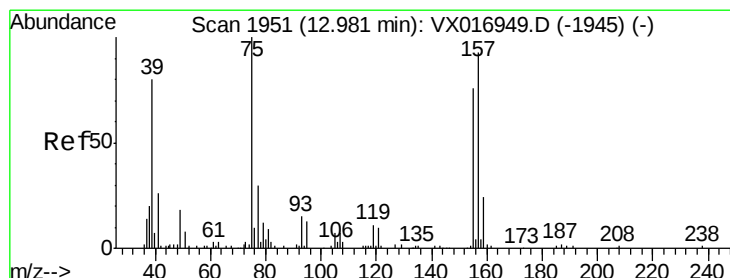
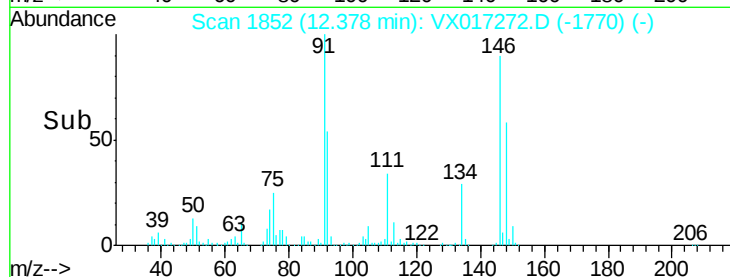
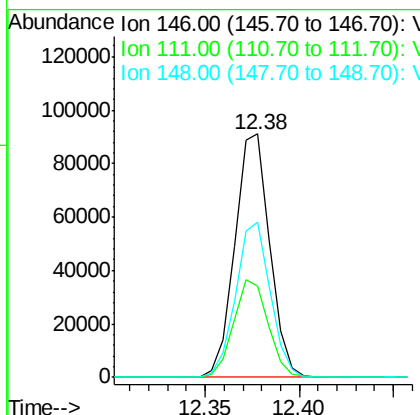
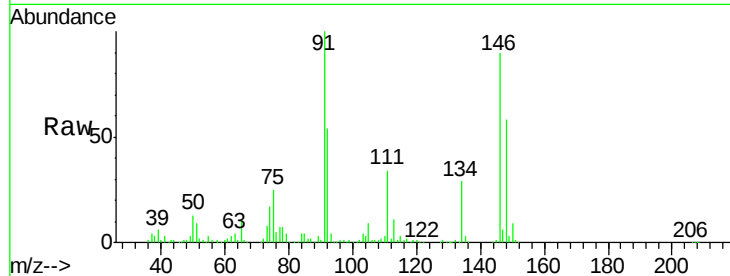
#87
 1,2-Dichlorobenzene
 Concen: 17.173 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	116774		
111	39.9	21.1	63.1	
148	63.2	32.1	96.3	

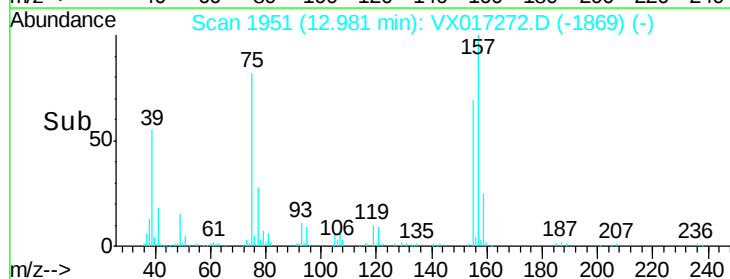
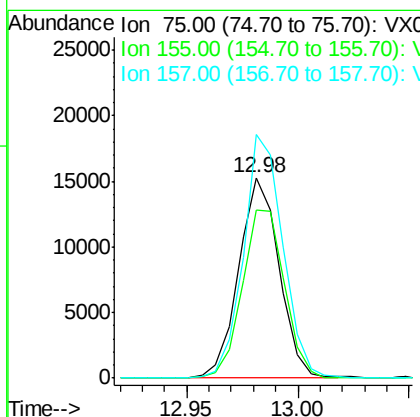
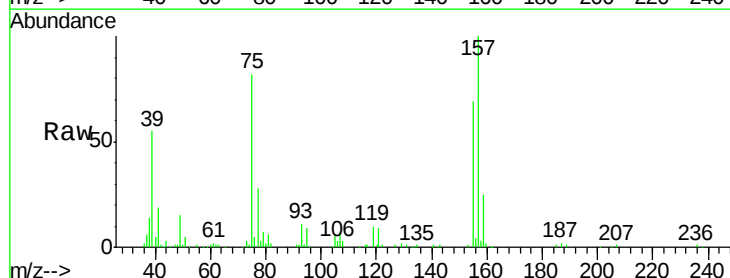
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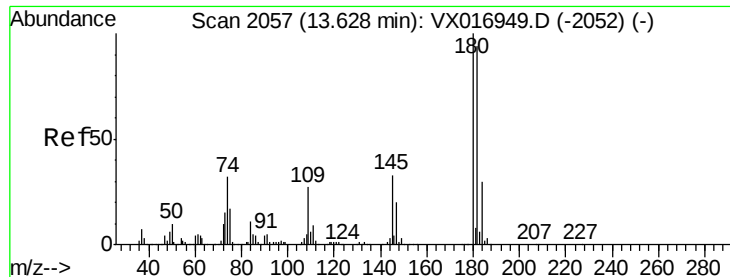
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.245 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19355		
155	87.4	65.0	97.6	
157	118.1	83.0	124.4	





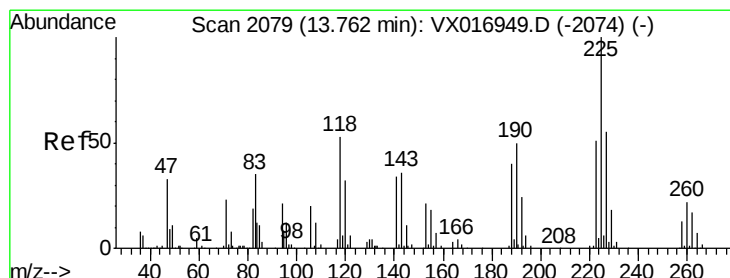
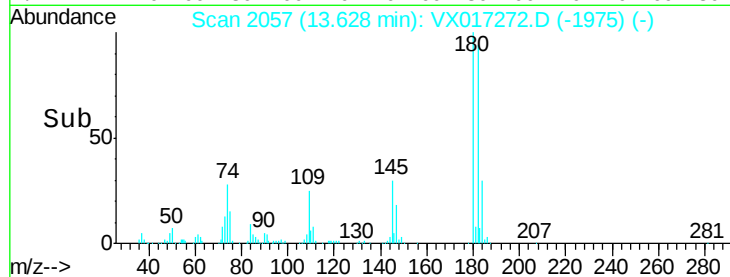
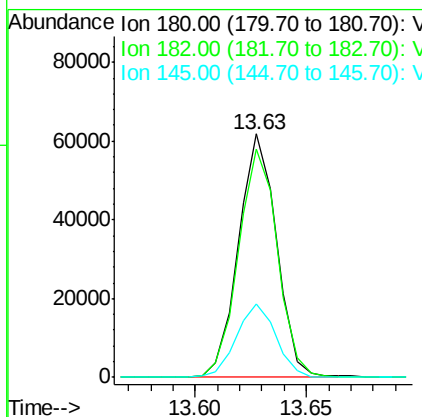
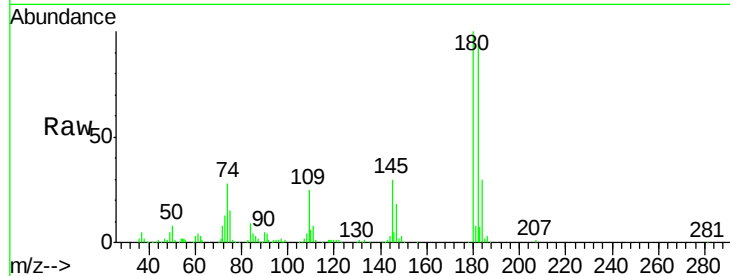
#89
 1,2,4-Trichlorobenzene
 Concen: 16.033 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.7	116.5
145	31.3	26.2	39.2

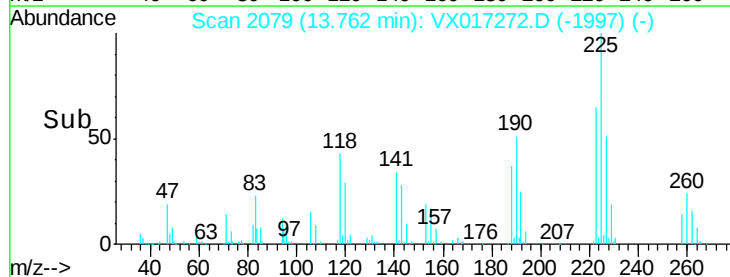
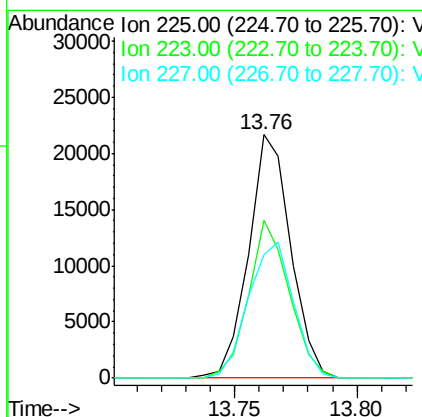
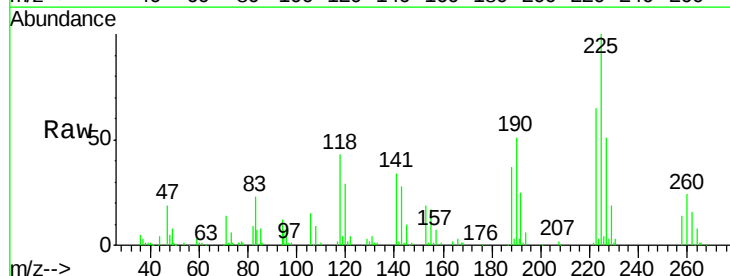
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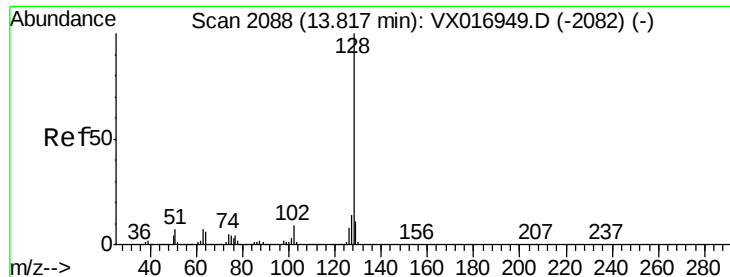
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 7/9/2020 10:59:56 AM



#90
 Hexachlorobutadiene
 Concen: 14.840 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	125.0
227	60.3	0.0	124.0





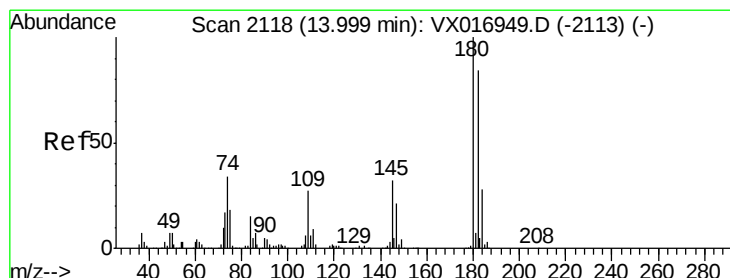
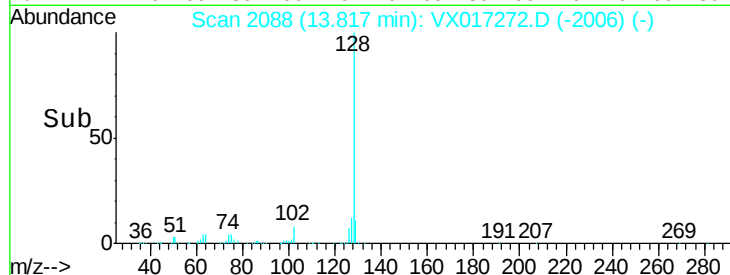
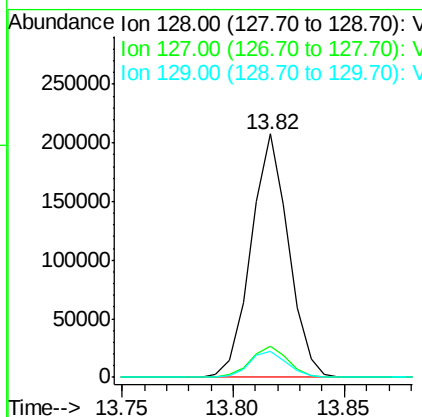
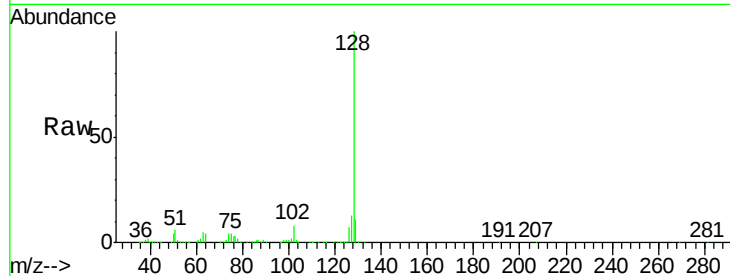
#91
Naphthalene
Concen: 16.197 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	243563		
127	12.9	10.5	15.7	
129	10.8	9.0	13.4	

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#92
1,2,3-Trichlorobenzene
Concen: 16.613 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74378		
182	95.3	0.0	184.8	
145	33.6	0.0	68.0	

