

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016399.D
 Acq On : 22 May 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:44:05 AM

Quant Time: May 23 01:43:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	236275	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	367731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	345559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	134057	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
35) Dibromofluoromethane	5.46	113	112158	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.70	98	433853	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.12	95	172005	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119827	47.914	ug/l	100
3) Chloromethane	1.31	50	126893	43.690	ug/l	99
4) Vinyl Chloride	1.39	62	145067	46.816	ug/l	100
5) Bromomethane	1.62	94	56594	36.227	ug/l	99
6) Chloroethane	1.70	64	86472	45.864	ug/l	99
7) Trichlorofluoromethane	1.91	101	198532	48.802	ug/l	100
8) Diethyl Ether	2.17	74	79488	46.374	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114128	48.626	ug/l	97
10) Methyl Iodide	2.49	142	105297	33.400	ug/l	99
11) Tert butyl alcohol	3.02	59	161481	205.389	ug/l	100
12) 1,1-Dichloroethene	2.35	96	115081	46.855	ug/l	100
13) Acrolein	2.27	56	137211	278.890	ug/l	100
14) Allyl chloride	2.70	41	193156	42.891	ug/l	93
15) Acrylonitrile	3.11	53	369495	226.542	ug/l	98
16) Acetone	2.42	43	300939	216.929	ug/l	94
17) Carbon Disulfide	2.54	76	326929	44.301	ug/l	100
18) Methyl Acetate	2.75	43	148625	43.573	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	421035	49.727	ug/l	97
20) Methylene Chloride	2.83	84	133274	46.602	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	132944	48.573	ug/l	98
22) Diisopropyl ether	3.82	45	390222	45.931	ug/l	97
23) Vinyl Acetate	3.78	43	1685460	225.492	ug/l	97
24) 1,1-Dichloroethane	3.67	63	227834	47.939	ug/l	98
25) 2-Butanone	4.63	43	480923	215.135	ug/l	95
26) 2,2-Dichloropropane	4.54	77	211218	48.664	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	149770	50.053	ug/l	96
28) Bromochloromethane	4.98	49	90708	41.857	ug/l	90
29) Tetrahydrofuran	5.08	42	316625	213.761	ug/l	93
30) Chloroform	5.17	83	235274	49.720	ug/l	100
31) Cyclohexane	5.54	56	199891	46.279	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212230	49.341	ug/l	97
36) 1,1-Dichloropropene	5.76	75	180934	49.985	ug/l	99
37) Ethyl Acetate	4.79	43	183887	43.830	ug/l	96
38) Carbon Tetrachloride	5.75	117	192937	52.439	ug/l	97

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	201268	46.171	ug/l	97
40) Benzene	6.11	78	547950	51.736	ug/l	99
41) Methacrylonitrile	5.00	41	100242	44.242	ug/l	95
42) 1,2-Dichloroethane	6.16	62	182771	47.904	ug/l	97
43) Isopropyl Acetate	6.41	43	298065	44.527	ug/l	95
44) Trichloroethene	7.18	130	181418	48.215	ug/l	95
45) 1,2-Dichloropropane	7.49	63	135191	50.445	ug/l	98
46) Dibromomethane	7.63	93	92897	51.008	ug/l	98
47) Bromodichloromethane	7.87	83	192926	52.013	ug/l	98
48) Methyl methacrylate	7.74	41	142133	44.810	ug/l	91
49) 1,4-Dioxane	7.71	88	70717	929.590	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	940461	229.586	ug/l	95
52) Toluene	8.76	92	353832	53.597	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	225526	50.995	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	239829	51.918	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	139196	53.591	ug/l	98
56) Ethyl methacrylate	9.16	69	223628	52.746	ug/l	90
57) 1,3-Dichloropropane	9.35	76	235843	52.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	561245	248.655	ug/l	97
59) 2-Hexanone	9.48	43	749720	233.054	ug/l	94
60) Dibromochloromethane	9.57	129	161005	56.283	ug/l	99
61) 1,2-Dibromoethane	9.65	107	149158	53.017	ug/l	99
64) Tetrachloroethene	9.32	164	210676	49.662	ug/l	98
65) Chlorobenzene	10.12	112	384063	53.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	142788	53.391	ug/l	99
67) Ethyl Benzene	10.24	91	677707	52.494	ug/l	99
68) m/p-Xylenes	10.34	106	521862	107.891	ug/l	100
69) o-Xylene	10.68	106	250355	53.846	ug/l	98
70) Styrene	10.70	104	439691	55.743	ug/l	98
71) Bromoform	10.84	173	123103	56.499	ug/l #	98
73) Isopropylbenzene	11.00	105	664261	51.145	ug/l	99
74) N-amyl acetate	10.88	43	265348	43.801	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	150099	57.702	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	198943m	49.097	ug/l	
77) Bromobenzene	11.24	156	167925	50.092	ug/l	99
78) n-propylbenzene	11.34	91	747476	49.471	ug/l	98
79) 2-Chlorotoluene	11.40	91	452923	50.784	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	568907	51.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	83647	49.194	ug/l	90
82) 4-Chlorotoluene	11.49	91	535983	50.892	ug/l	99
83) tert-Butylbenzene	11.76	119	474471	50.206	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	569682	51.385	ug/l	99
85) sec-Butylbenzene	11.93	105	598871	46.934	ug/l	99
86) p-Isopropyltoluene	12.05	119	572110	48.292	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	305205	50.704	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	308350	50.471	ug/l	100
89) n-Butylbenzene	12.37	91	480432	44.391	ug/l	100
90) Hexachloroethane	12.58	117	95789	47.080	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	291262	50.252	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48869	45.760	ug/l	95

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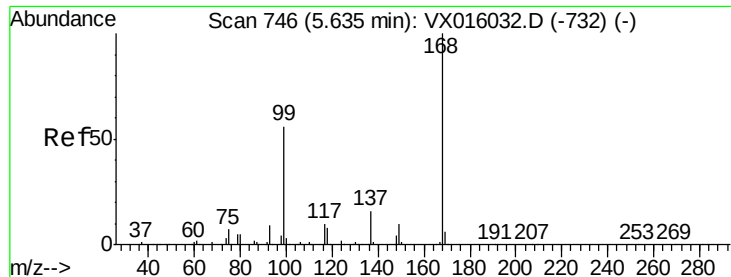
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	197076	45.926	ug/l	96
94) Hexachlorobutadiene	13.77	225	74093	40.203	ug/l	97
95) Naphthalene	13.82	128	663154	47.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191015	45.548	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 236275

Ion Ratio Lower Upper

168 100

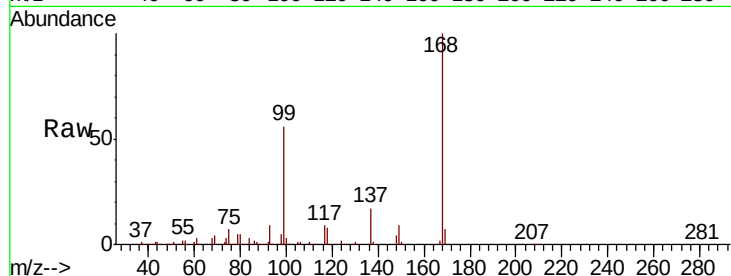
99 55.8 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

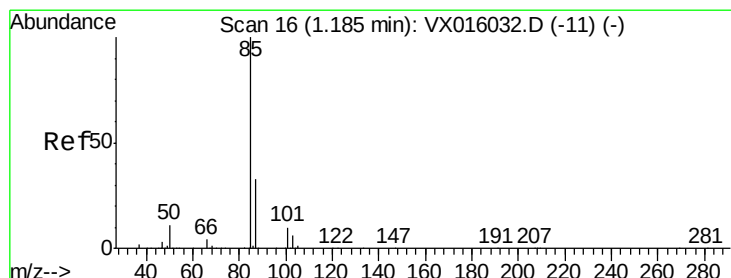
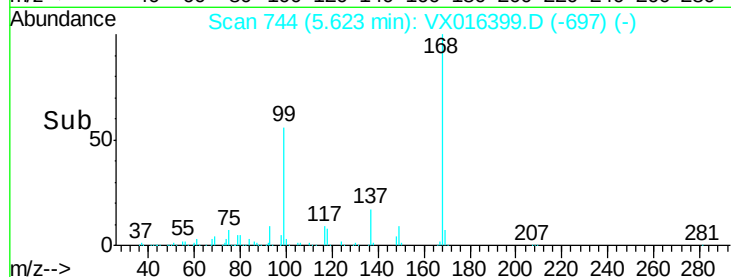
5.50

5.62

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.914 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016399.D

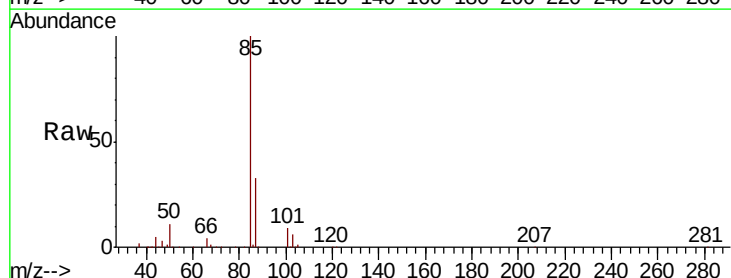
Acq: 22 May 2020 09:53

Tgt Ion: 85 Resp: 119827

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

50000

0

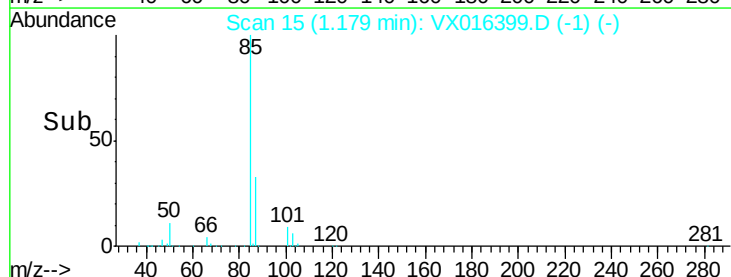
1.15

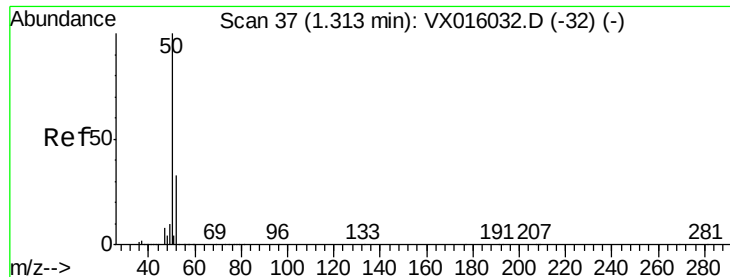
1.18

1.20

1.25

Time-->





#3

Chloromethane

Concen: 43.690 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 126893

Ion Ratio Lower Upper

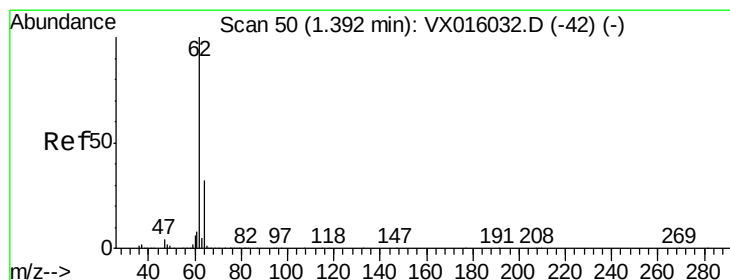
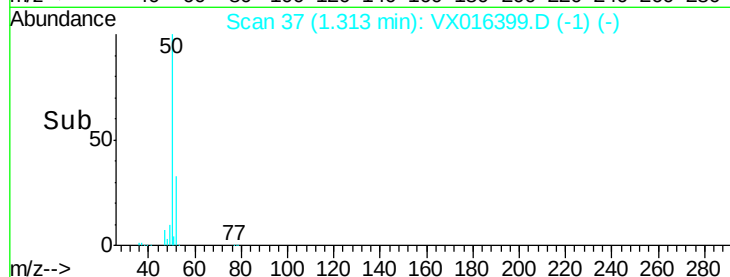
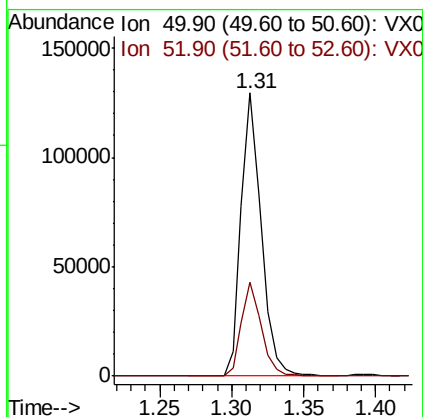
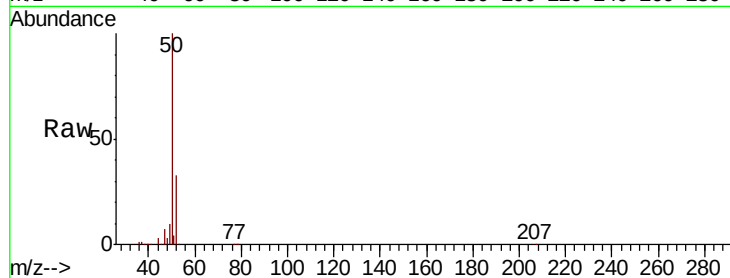
50 100

52 33.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 46.816 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016399.D

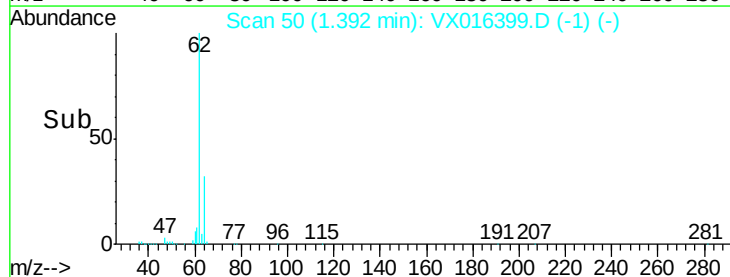
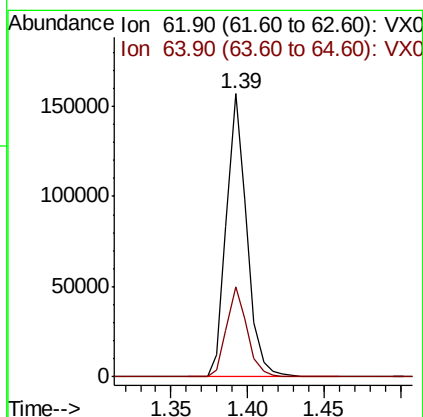
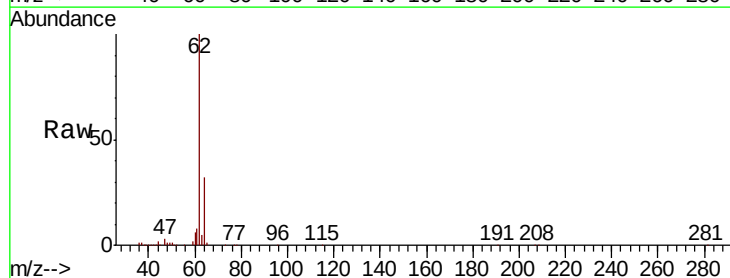
Acq: 22 May 2020 09:53

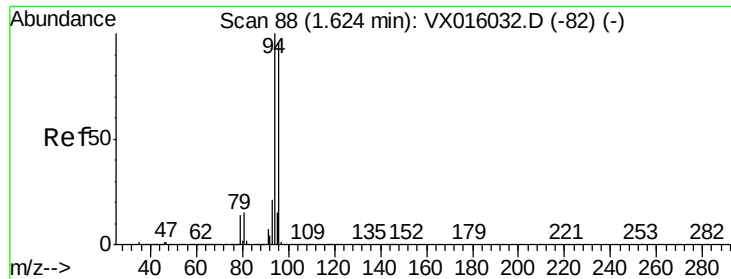
Tgt Ion: 62 Resp: 145067

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 36.227 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 56594

Ion Ratio Lower Upper

94 100

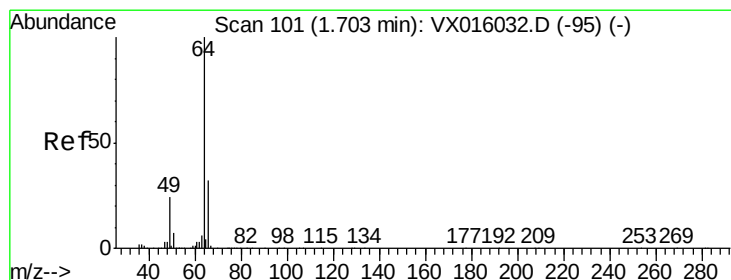
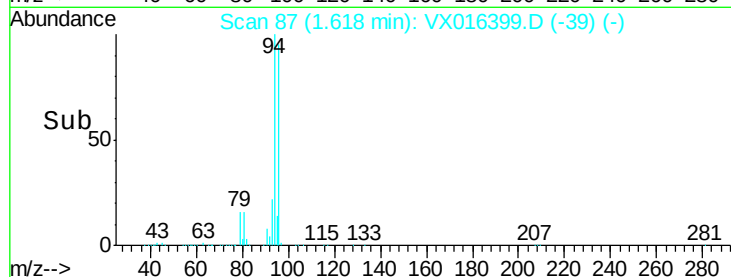
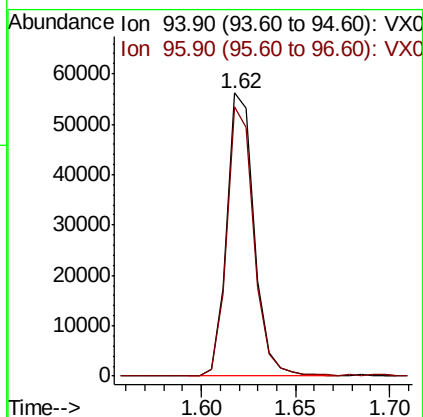
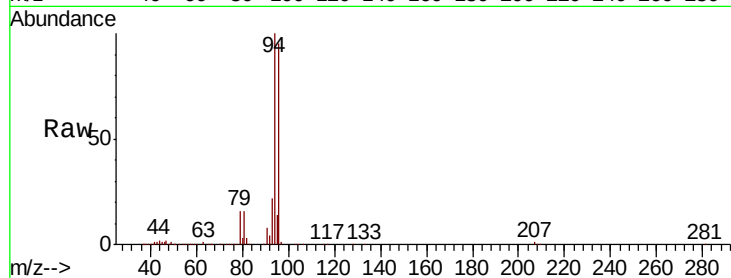
96 95.0 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 45.864 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016399.D

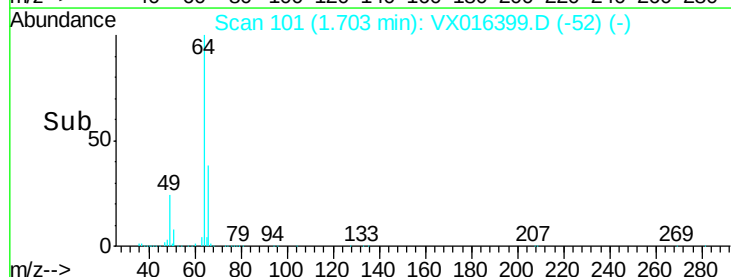
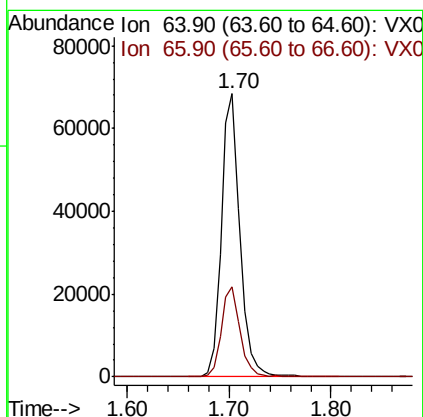
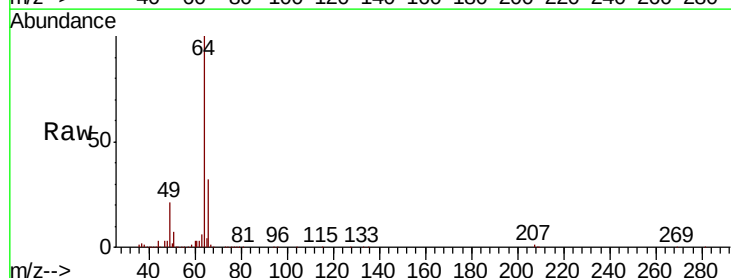
Acq: 22 May 2020 09:53

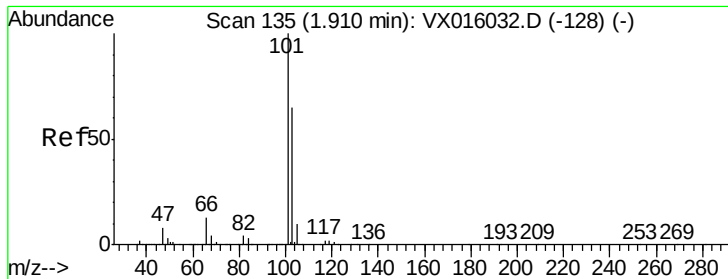
Tgt Ion: 64 Resp: 86472

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8





#7

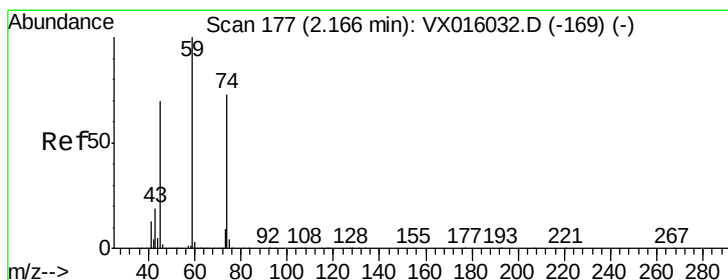
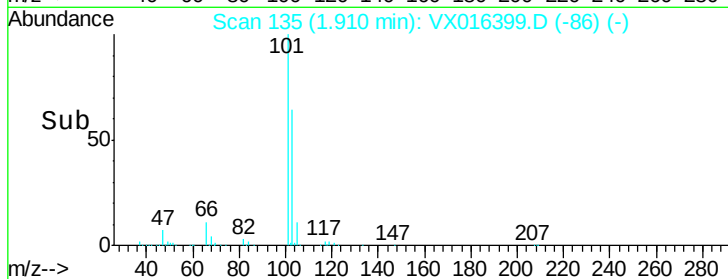
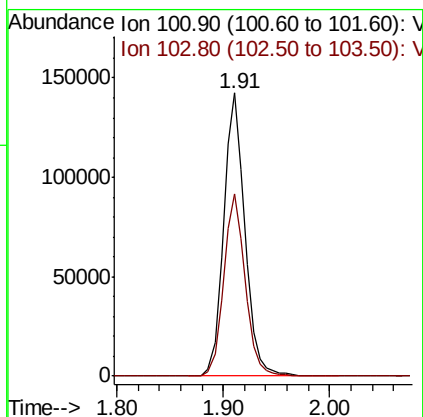
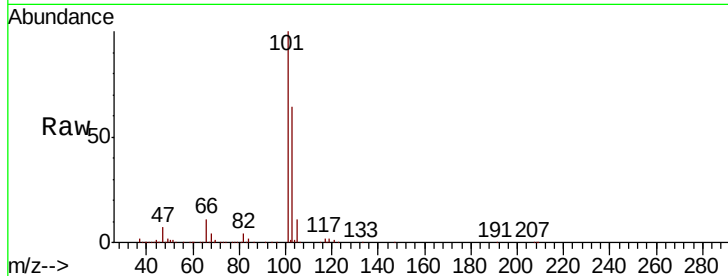
Trichlorofluoromethane
Concen: 48.802 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		198532		
103	64.4	51.8	77.6		

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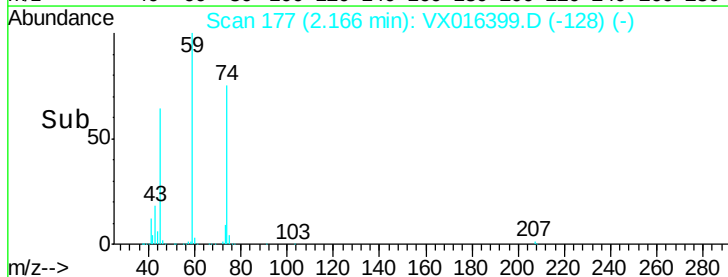
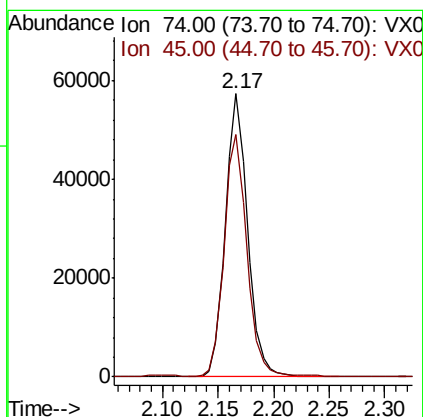
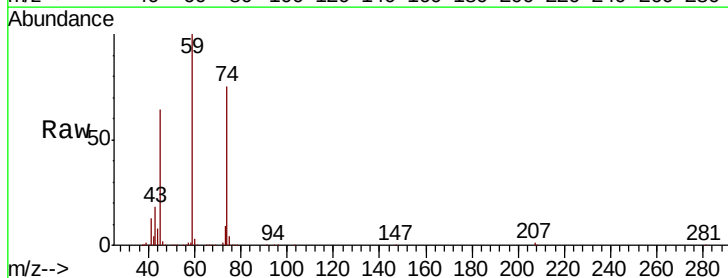
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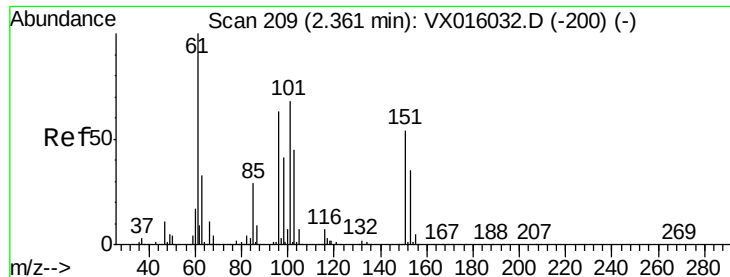


#8

Diethyl Ether
Concen: 46.374 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		79488		
45	86.8	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.626 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

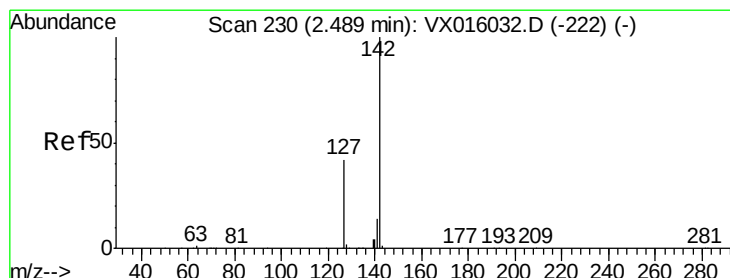
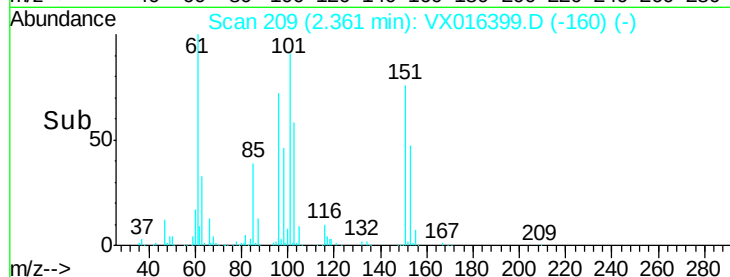
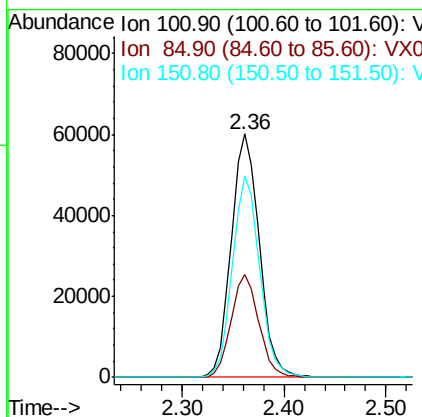
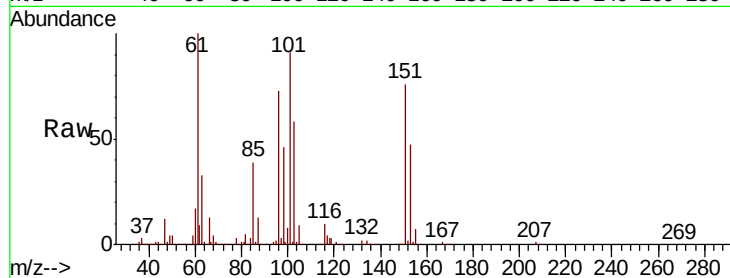
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	114128
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.2	51.4
151	80.5	62.1	93.1

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#10

Methyl Iodide

Concen: 33.400 ug/l

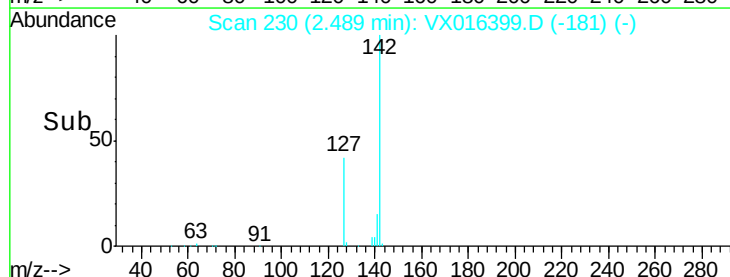
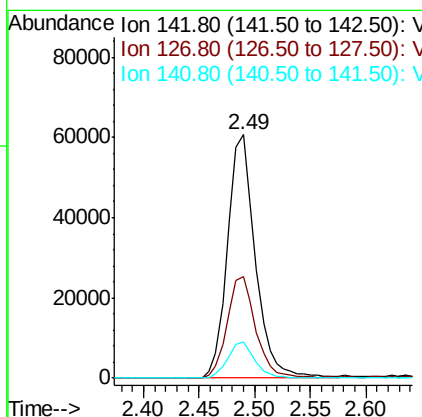
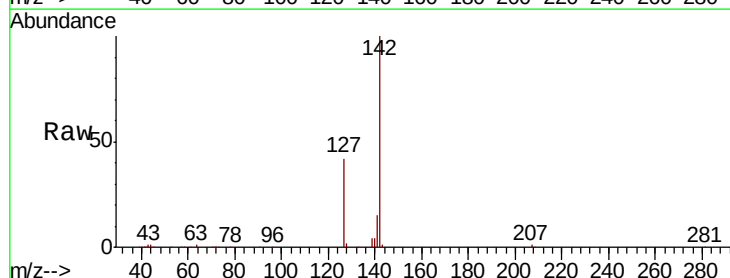
RT: 2.49 min Scan# 230

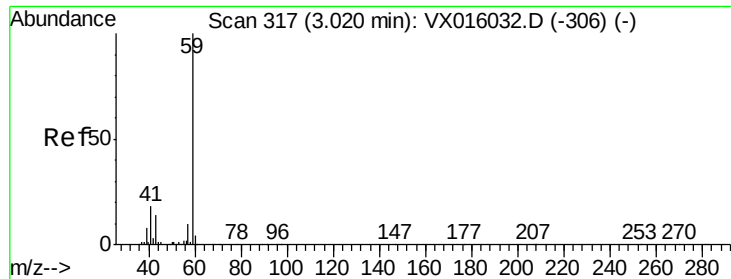
Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion:	142	Resp:	105297
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.6	52.0
141	14.6	11.3	16.9





#11

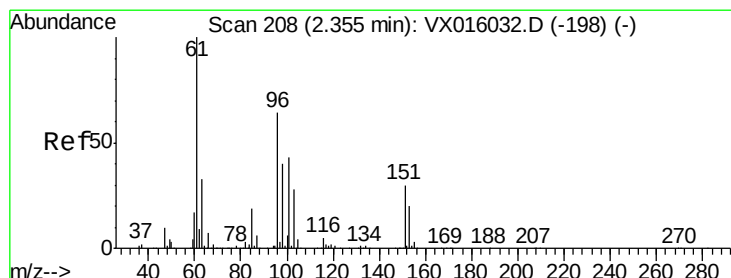
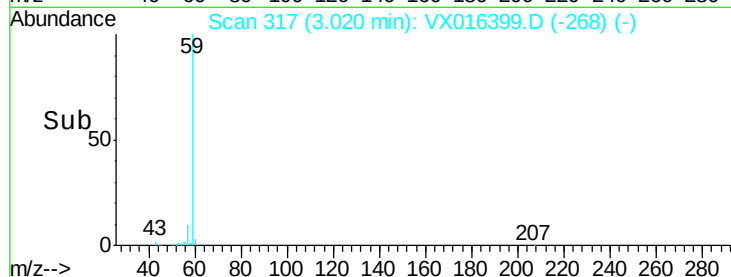
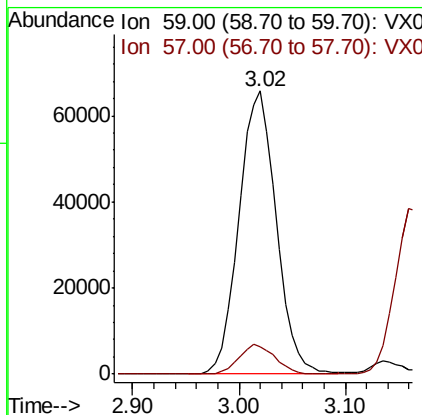
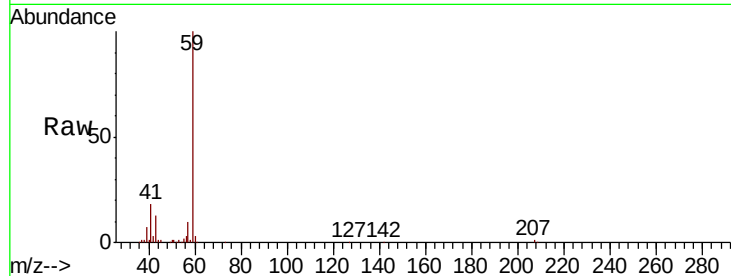
Tert butyl alcohol
Concen: 205.389 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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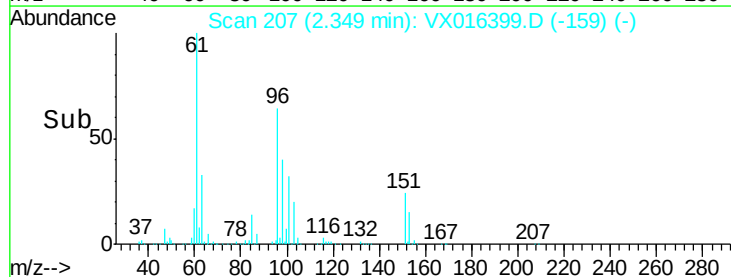
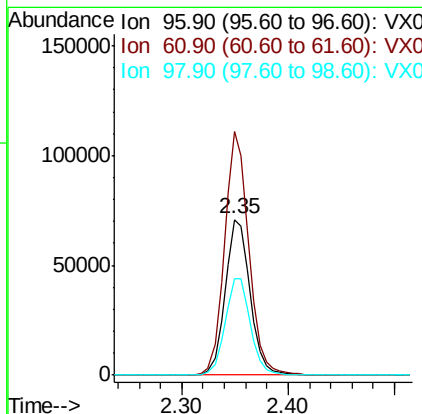
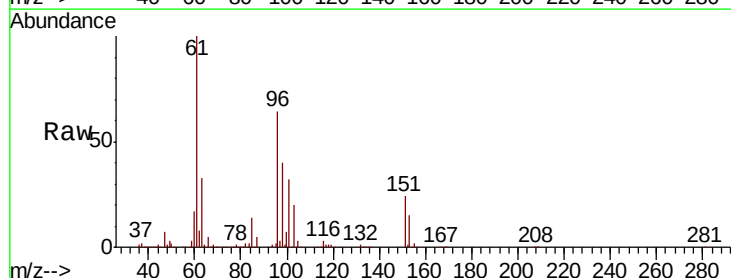
MMDadoda
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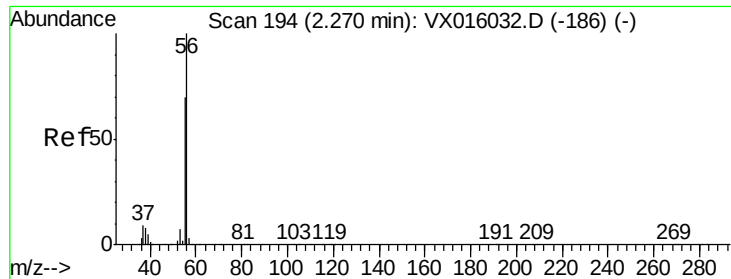


#12

1,1-Dichloroethene
Concen: 46.855 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	124.8	187.2
98	62.2	49.7	74.5





#13

Acrolein

Concen: 278.890 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 137211

Ion Ratio Lower Upper

56 100

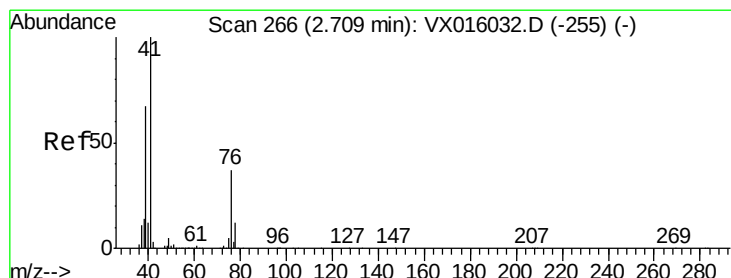
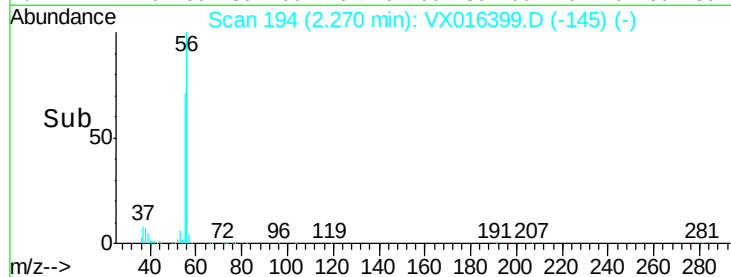
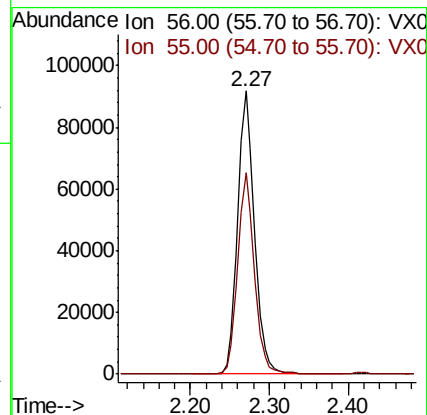
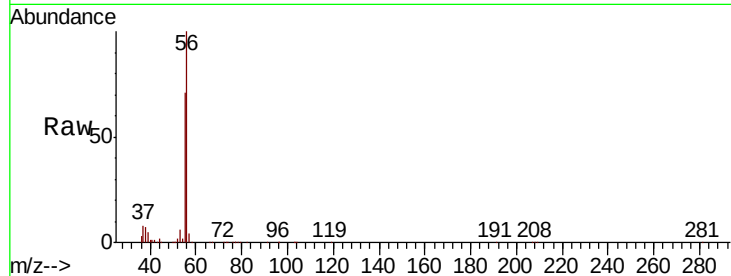
55 70.4 56.5 84.7

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#14

Allyl chloride

Concen: 42.891 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

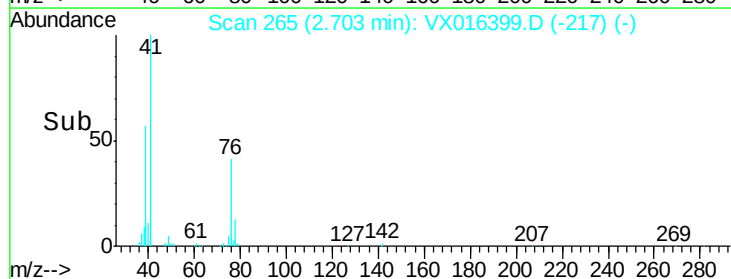
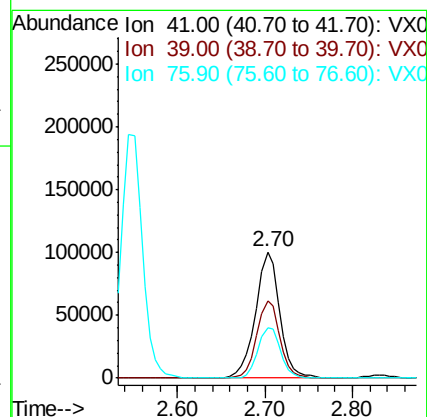
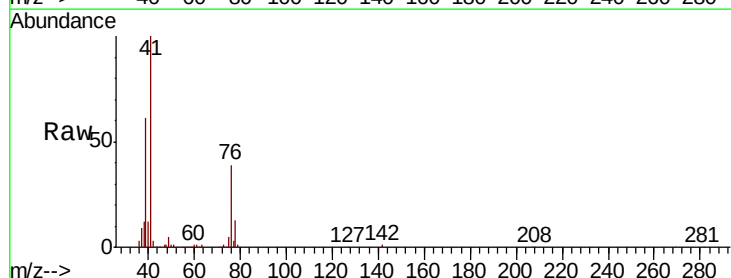
Tgt Ion: 41 Resp: 193156

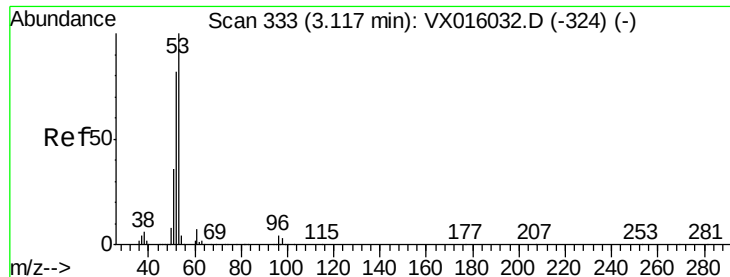
Ion Ratio Lower Upper

41 100

39 58.3 50.5 75.7

76 37.7 26.6 40.0





#15

Acrylonitrile

Concen: 226.542 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

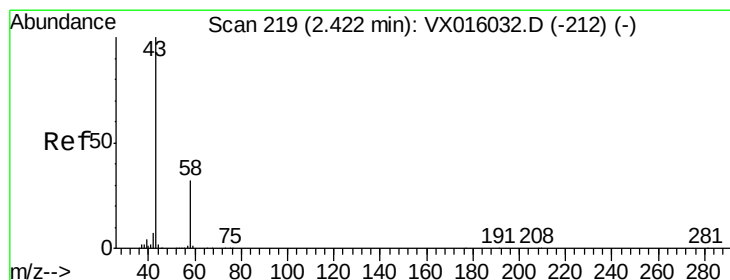
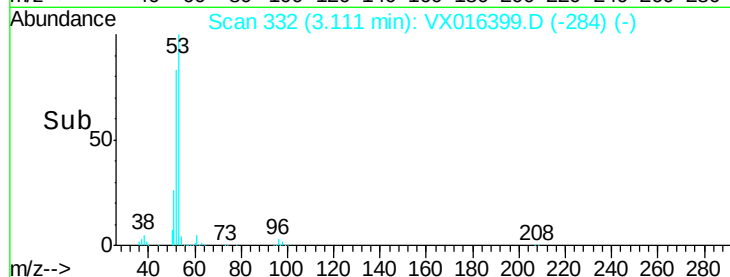
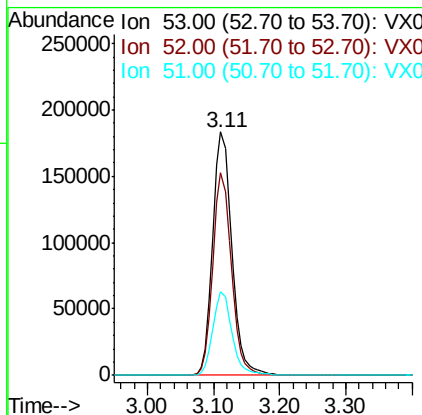
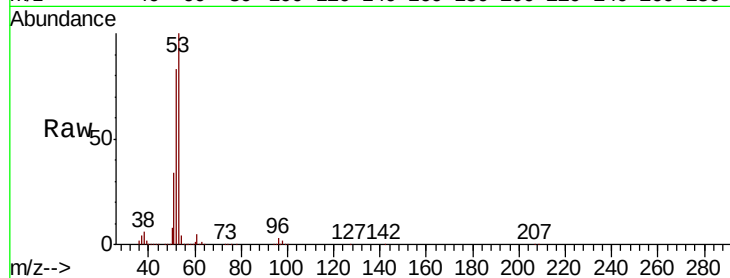
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	369495
Ion	Ratio	Lower	Upper
53	100		
52	80.7	66.1	99.1
51	34.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 216.929 ug/l

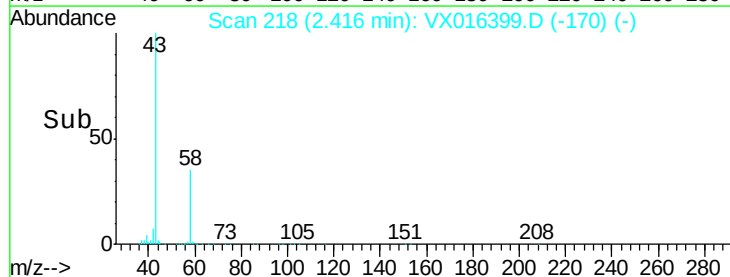
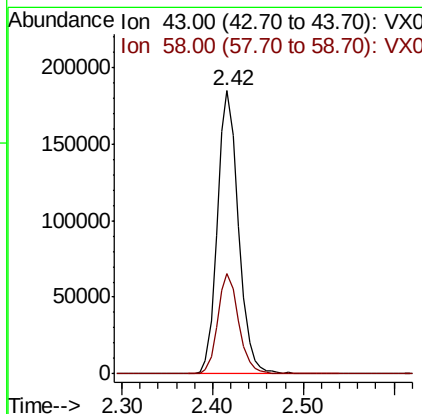
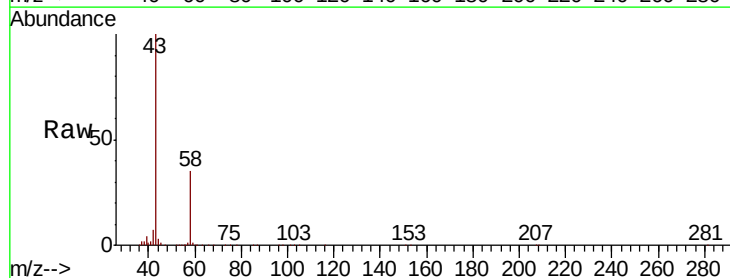
RT: 2.42 min Scan# 218

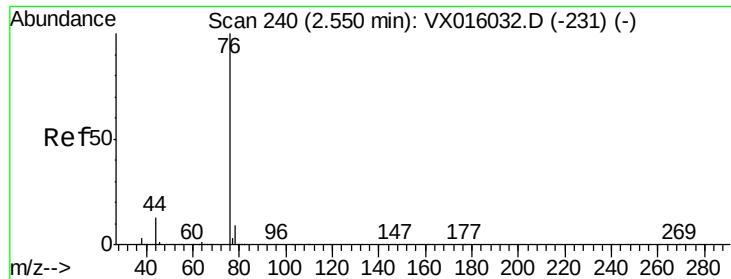
Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion:	43	Resp:	300939
Ion	Ratio	Lower	Upper
43	100		
58	35.3	25.4	38.0





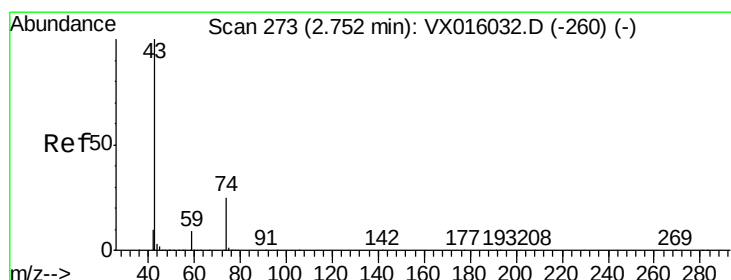
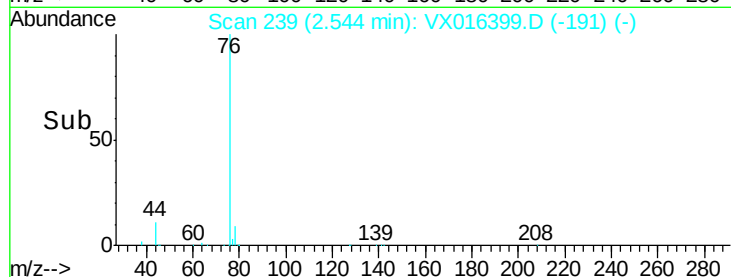
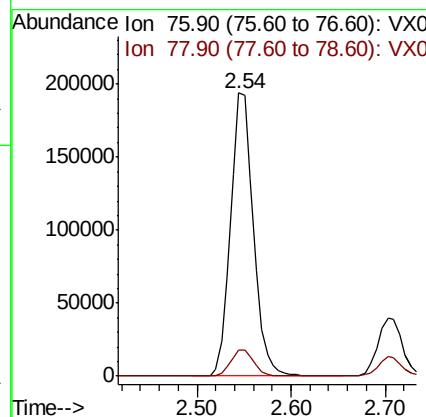
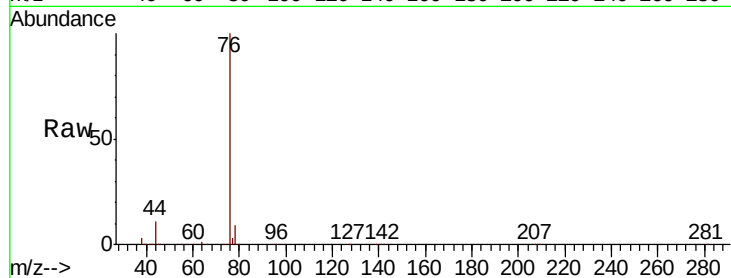
#17
Carbon Disulfide
Concen: 44.301 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

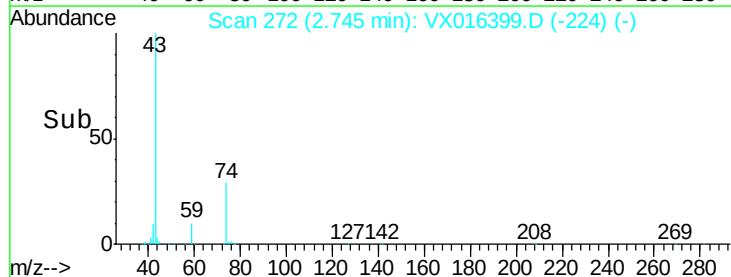
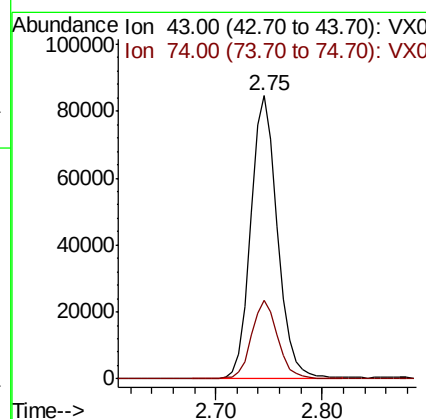
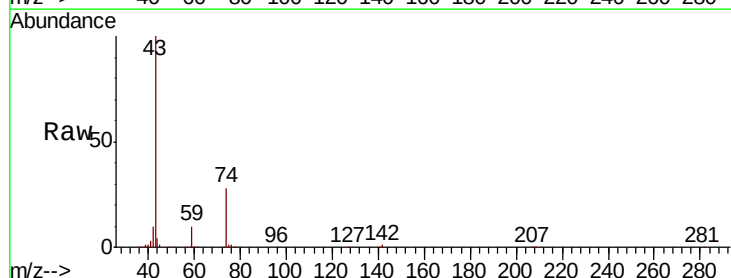
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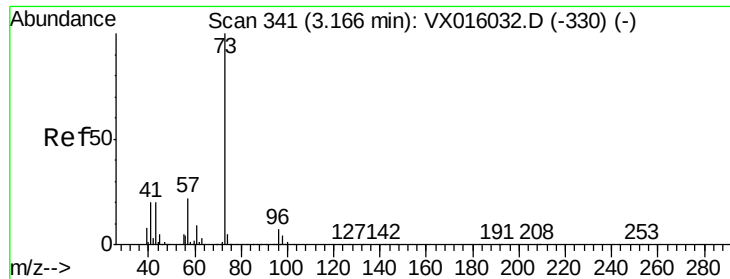
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#18
Methyl Acetate
Concen: 43.573 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	20.2	30.2





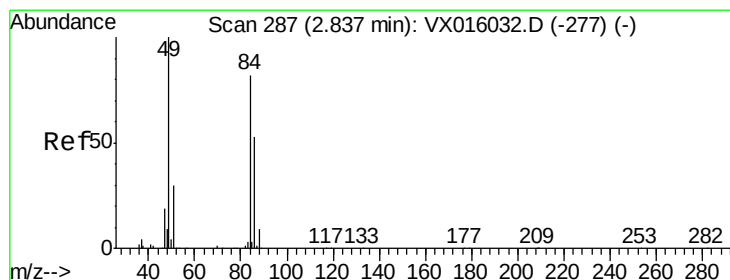
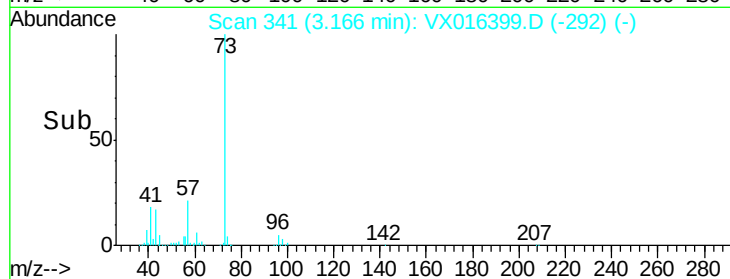
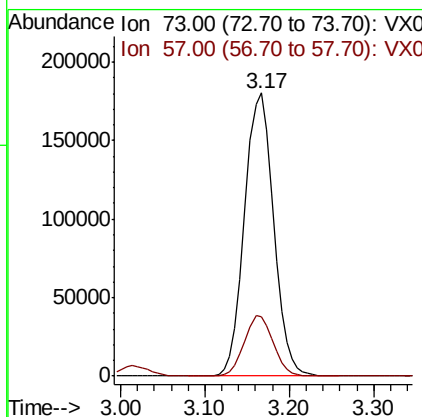
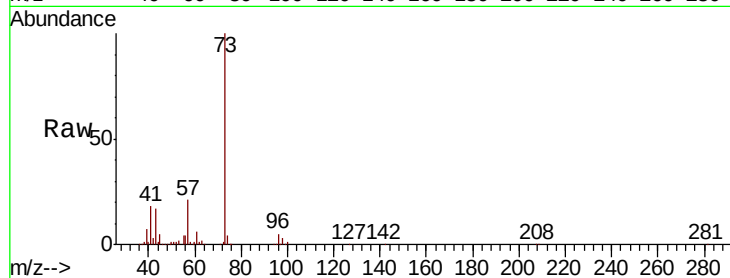
#19
Methyl tert-butyl Ether
Concen: 49.727 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.8	26.6

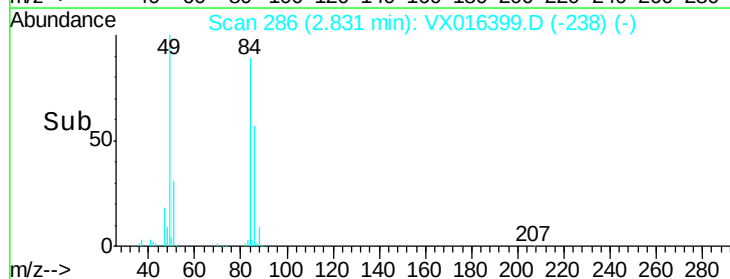
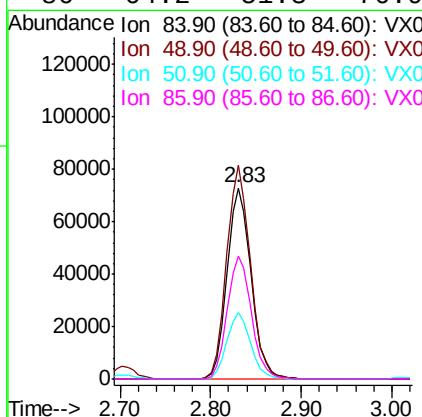
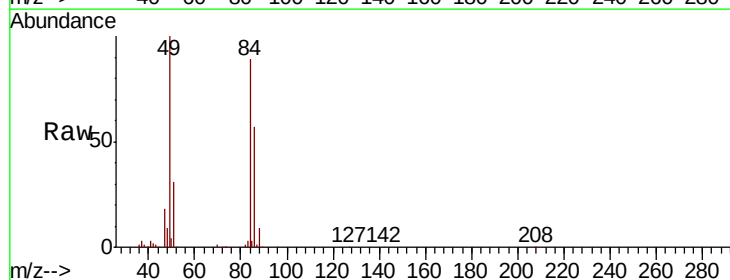
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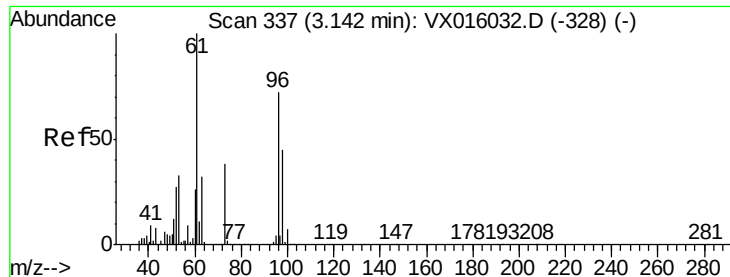
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#20
Methylene Chloride
Concen: 46.602 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.9	97.3	145.9
51	35.2	29.3	43.9
86	64.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.573 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

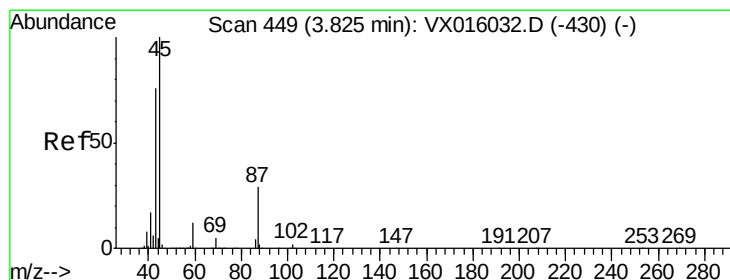
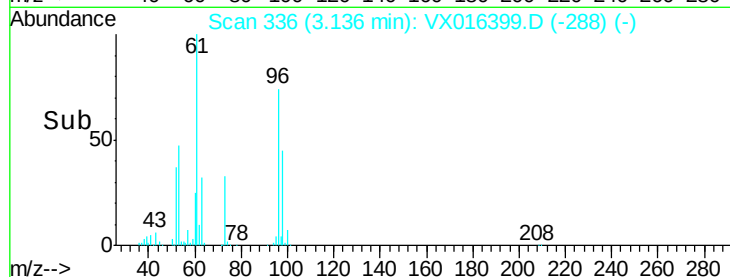
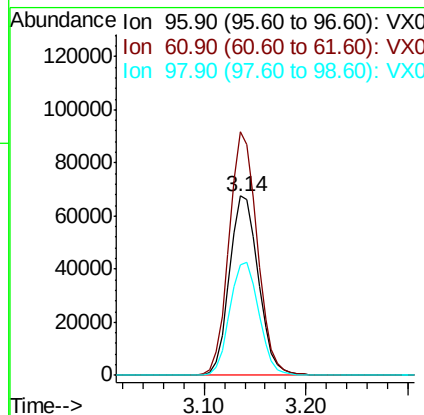
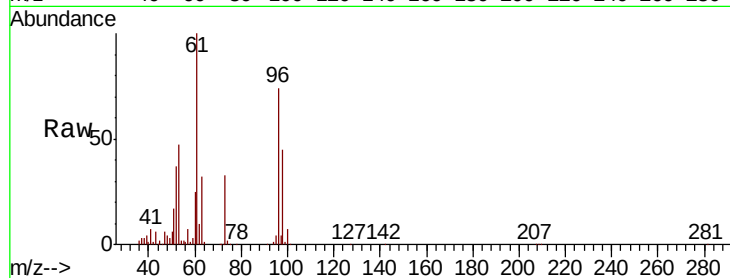
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	132944
Ion	Ratio	Lower	Upper
96	100		
61	135.7	111.2	166.8
98	61.7	50.2	75.4

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#22

Diisopropyl ether

Concen: 45.931 ug/l

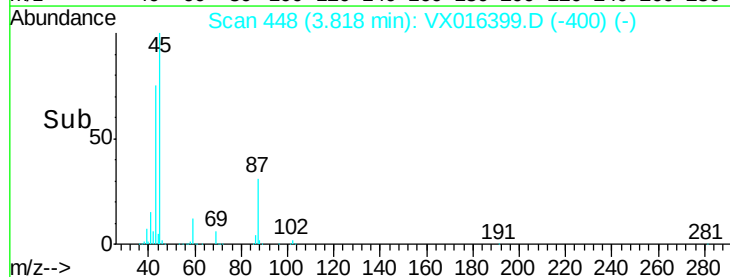
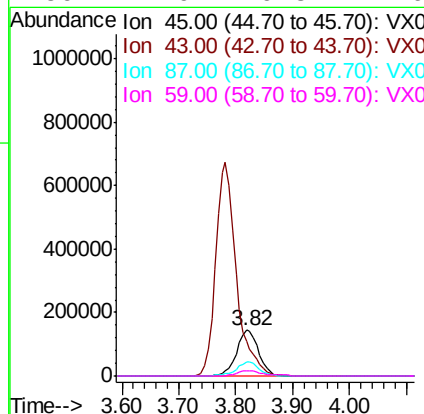
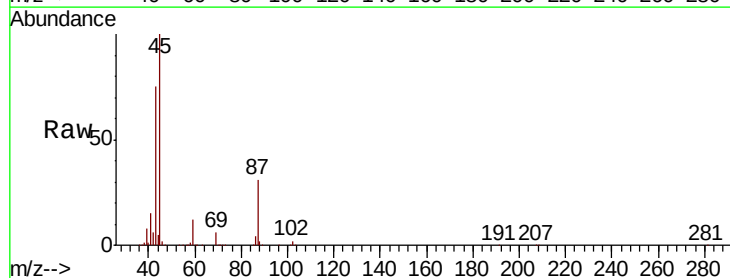
RT: 3.82 min Scan# 448

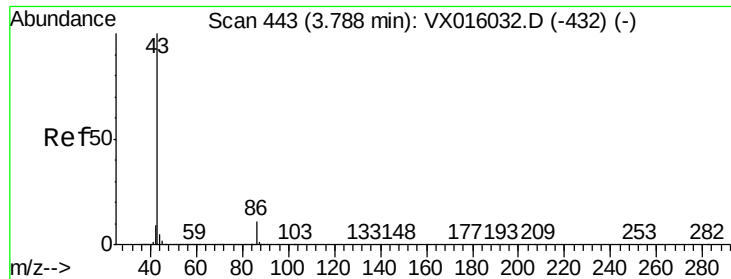
Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion:	45	Resp:	390222
Ion	Ratio	Lower	Upper
45	100		
43	74.5	61.1	91.7
87	31.3	23.0	34.6
59	11.9	9.8	14.6





#23

Vinyl Acetate

Concen: 225.492 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1685460

Ion Ratio Lower Upper

43 100

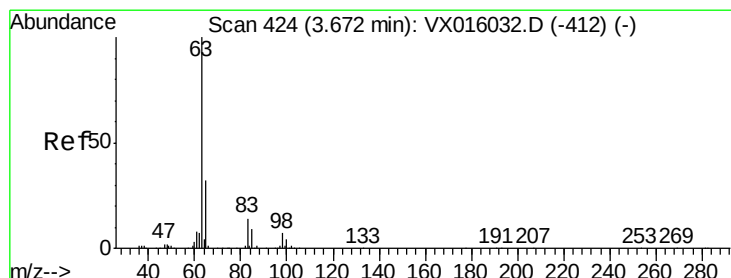
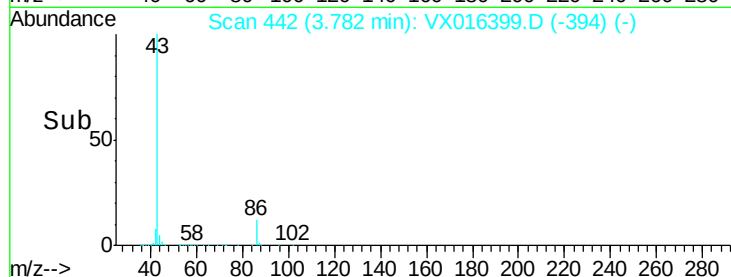
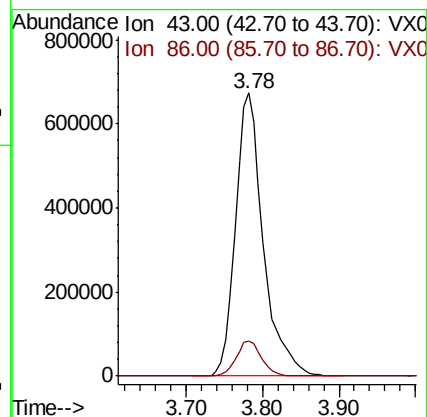
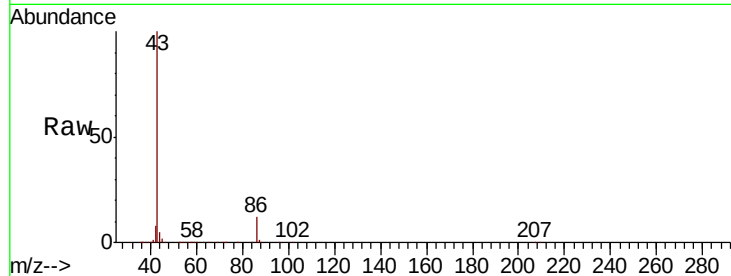
86 12.5 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 47.939 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

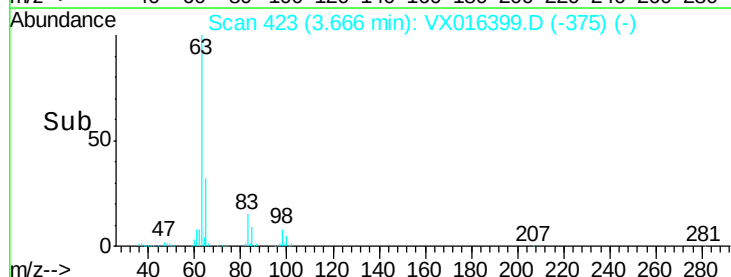
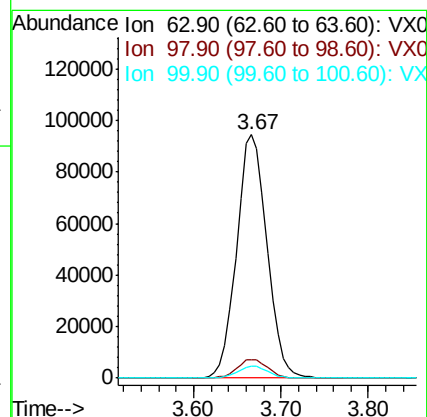
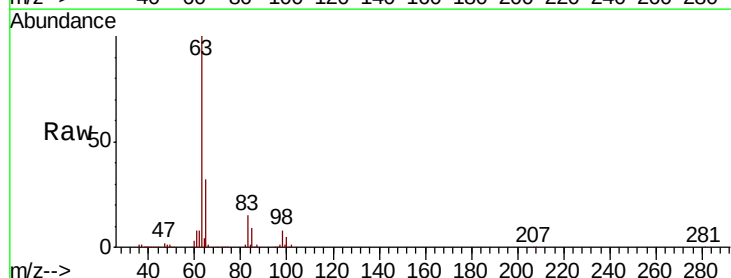
Tgt Ion: 63 Resp: 227834

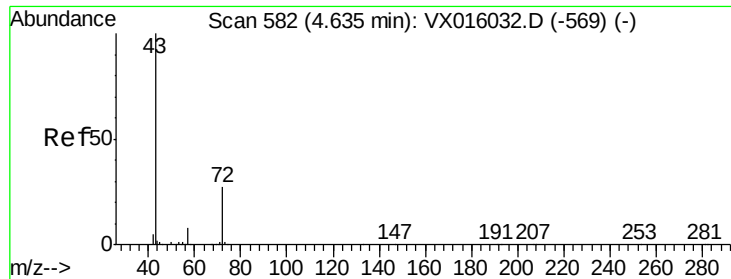
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 215.135 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 480923

Ion Ratio Lower Upper

43 100

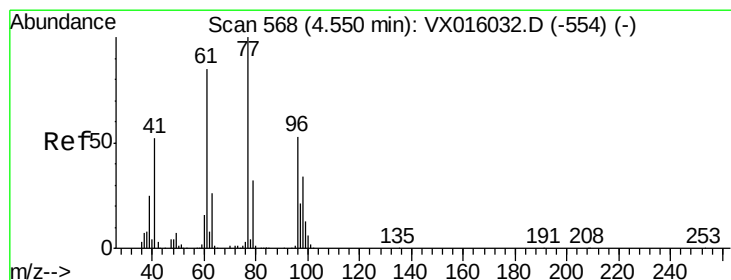
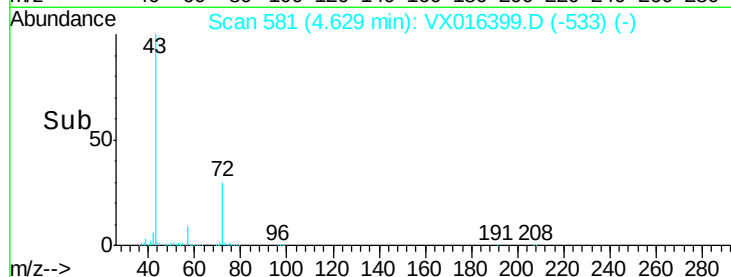
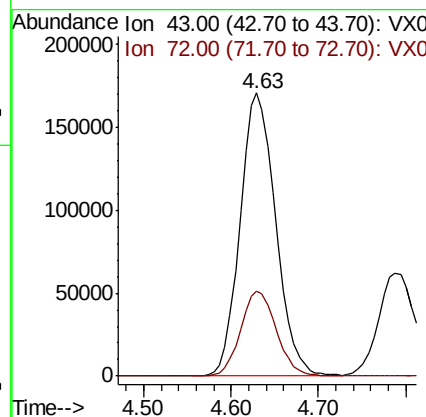
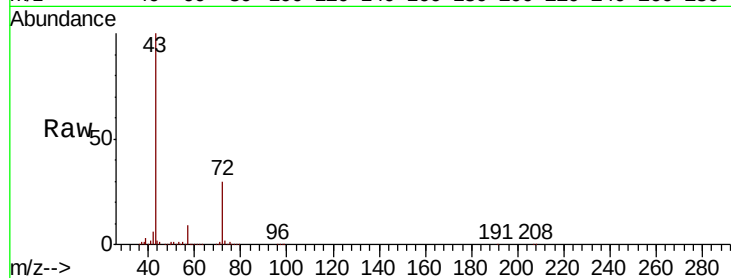
72 29.9 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.664 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016399.D

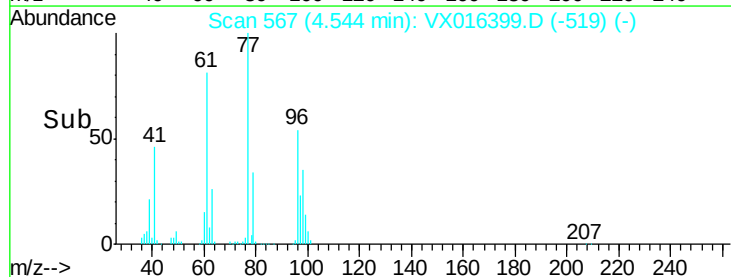
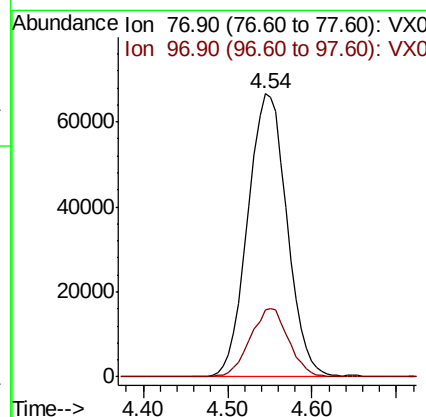
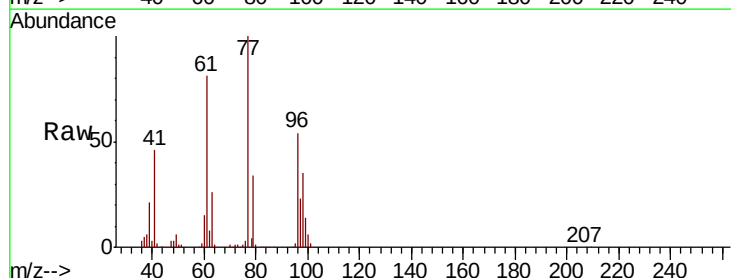
Acq: 22 May 2020 09:53

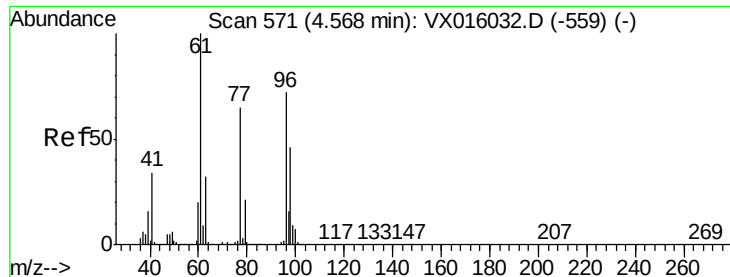
Tgt Ion: 77 Resp: 211218

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6





#27

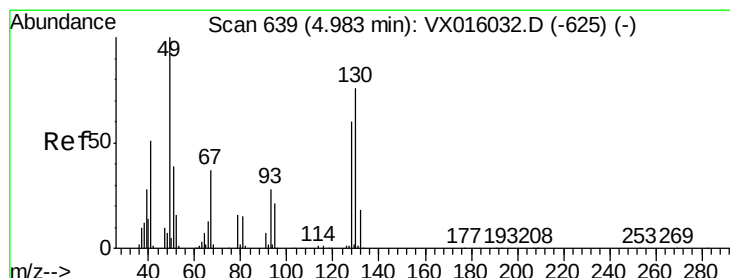
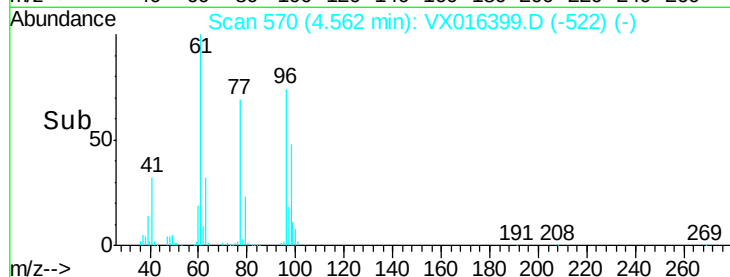
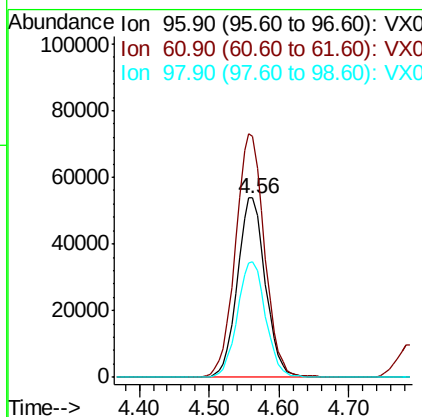
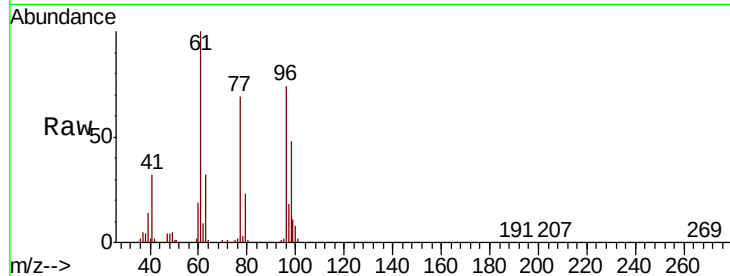
cis-1,2-Dichloroethene
Concen: 50.053 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149770		
61	140.4	0.0	296.2	
98	64.7	0.0	129.4	

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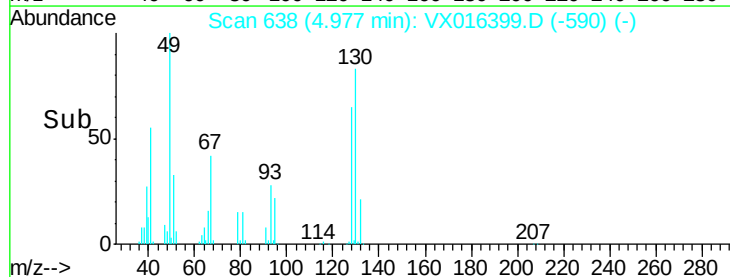
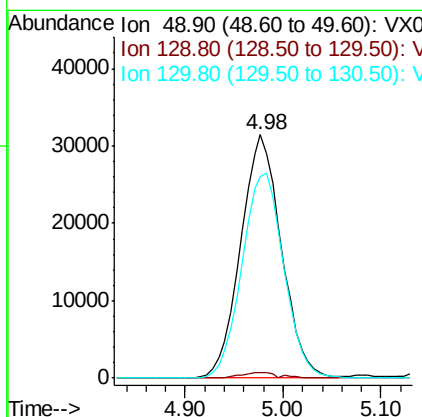
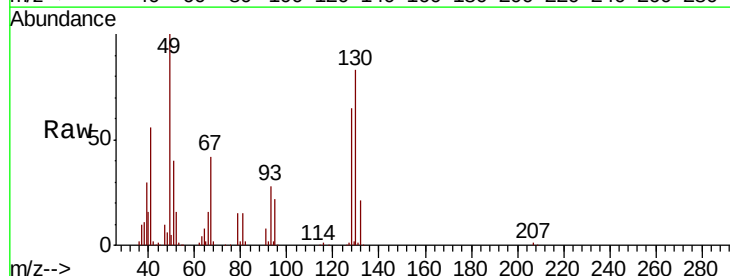
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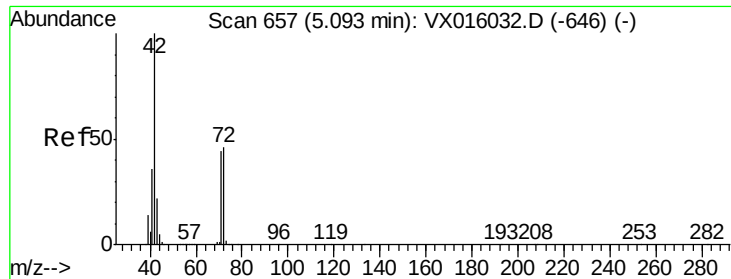


#28

Bromochloromethane
Concen: 41.857 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90708		
129	1.7	0.0	4.0	
130	87.0	62.4	93.6	





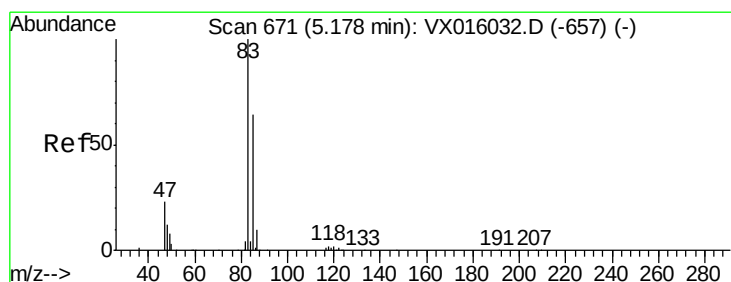
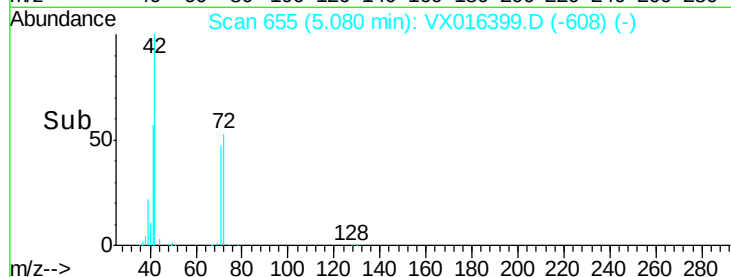
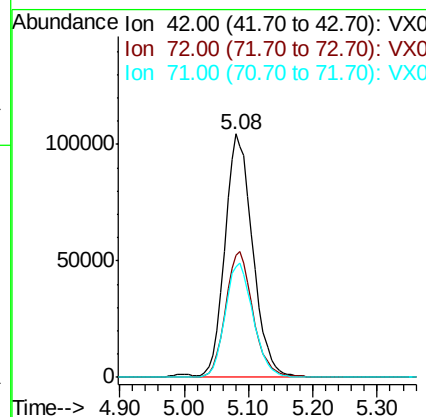
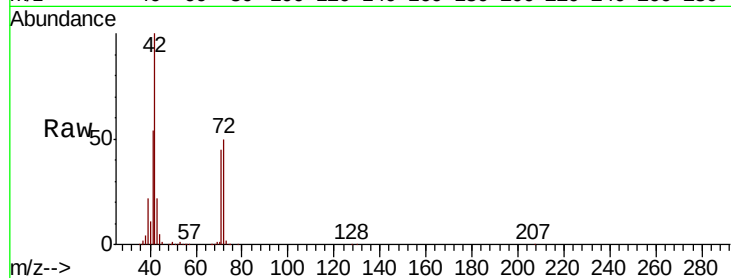
#29
Tetrahydrofuran
Concen: 213.761 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	37.1	55.7
71	47.4	34.5	51.7

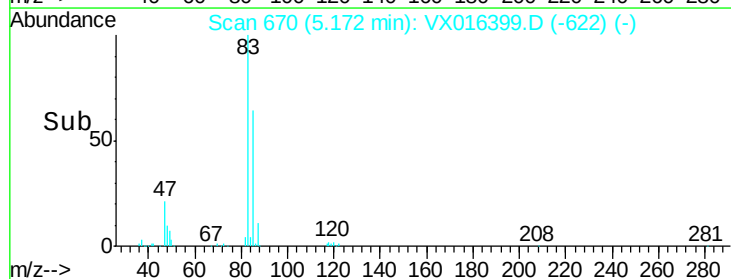
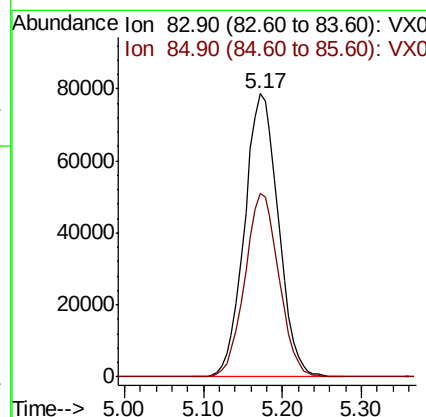
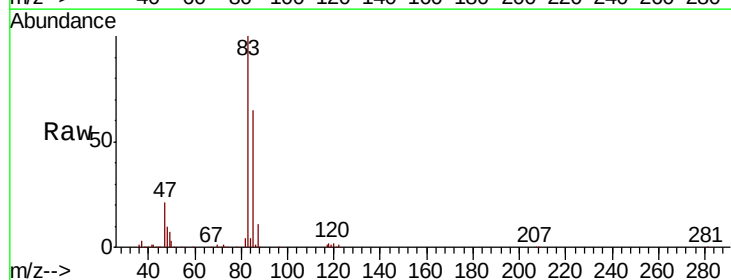
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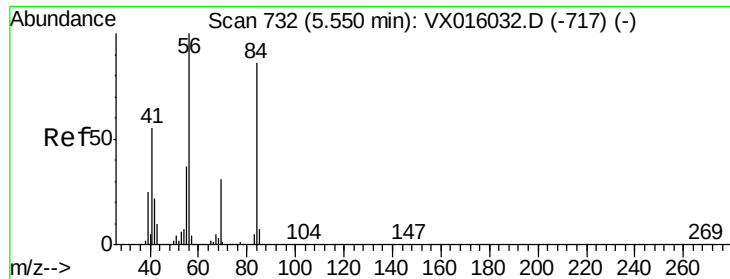
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#30
Chloroform
Concen: 49.720 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





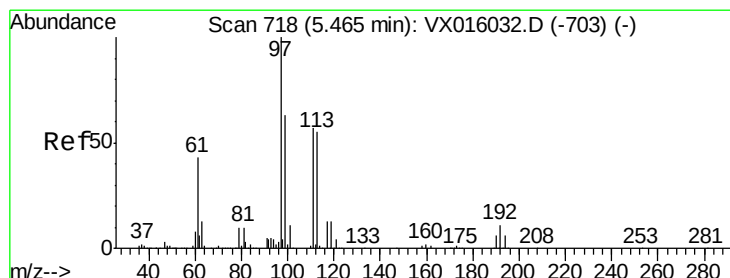
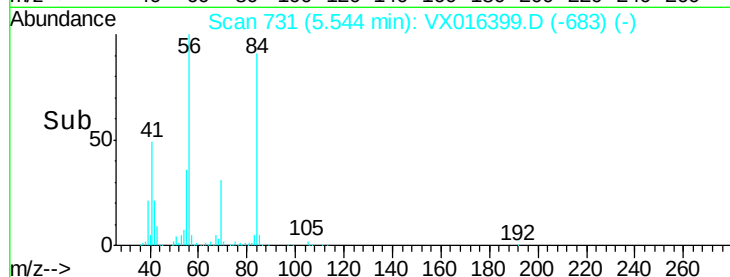
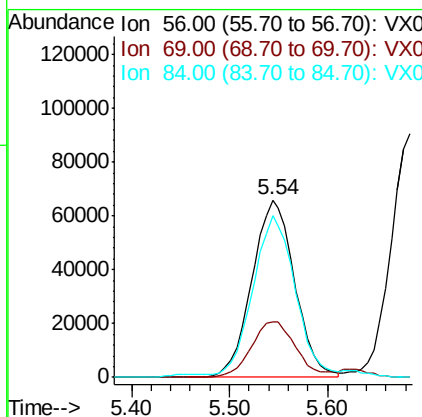
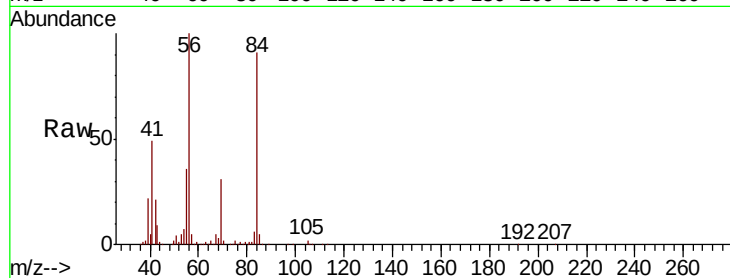
#31
Cyclohexane
Concen: 46.279 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	89.5	69.0	103.6

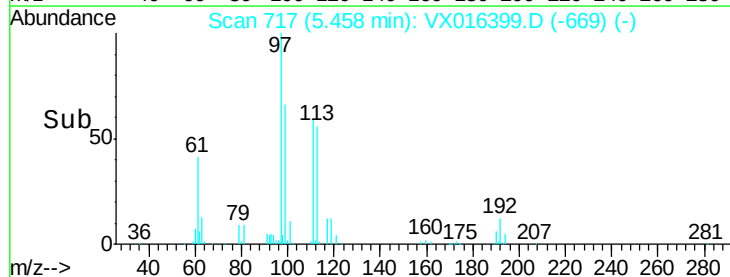
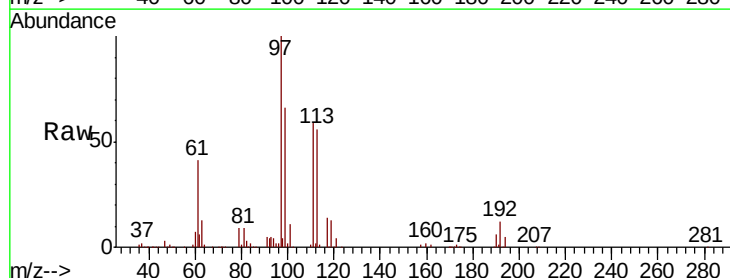
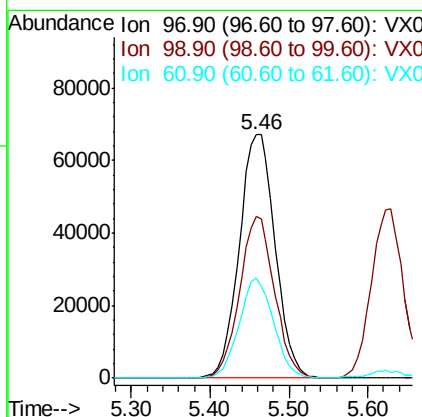
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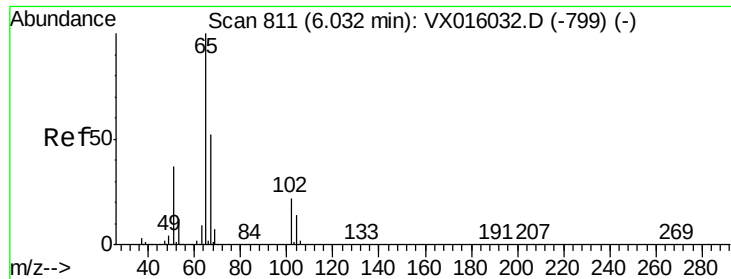
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#32
1,1,1-Trichloroethane
Concen: 49.341 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	39.7	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 43.117 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 134057

Ion Ratio Lower Upper

65 100

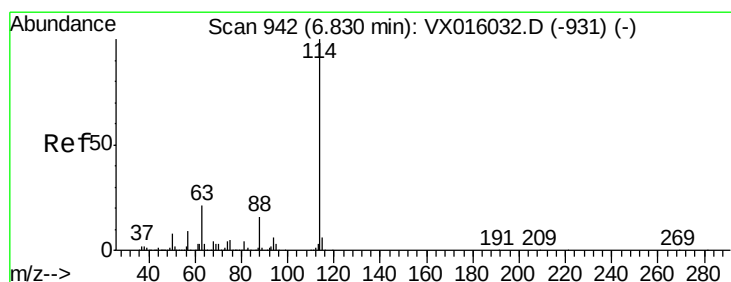
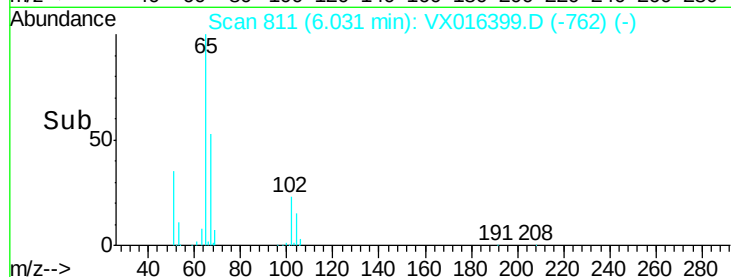
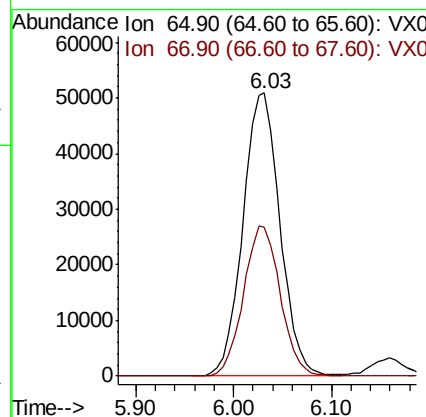
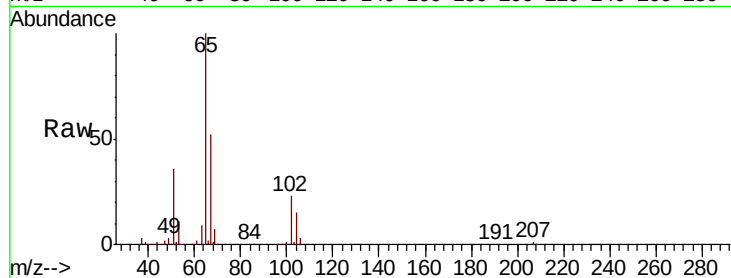
67 52.7 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

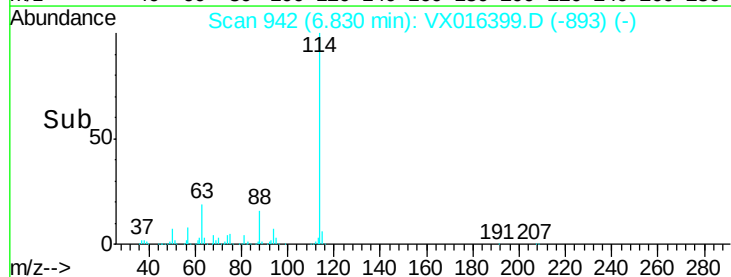
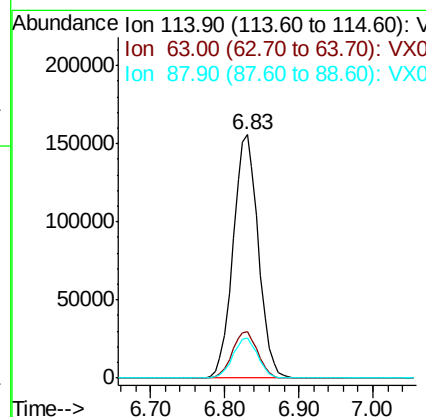
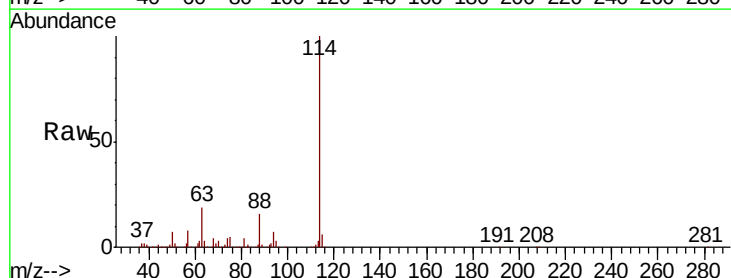
Tgt Ion: 114 Resp: 367731

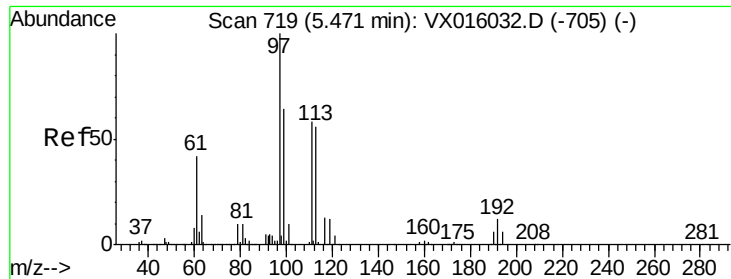
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

88 16.2 0.0 31.4





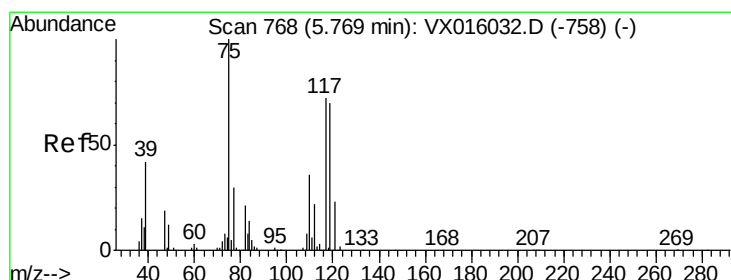
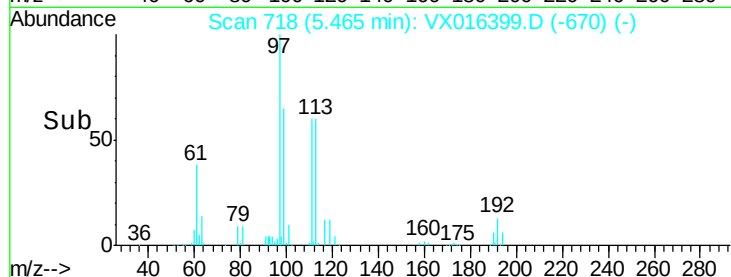
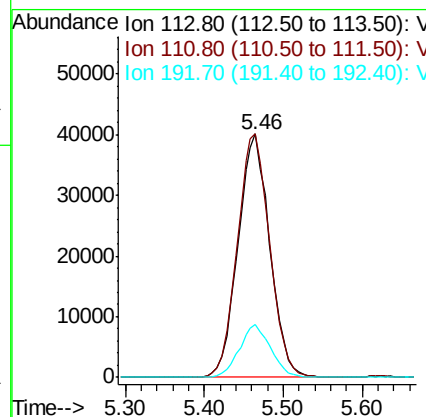
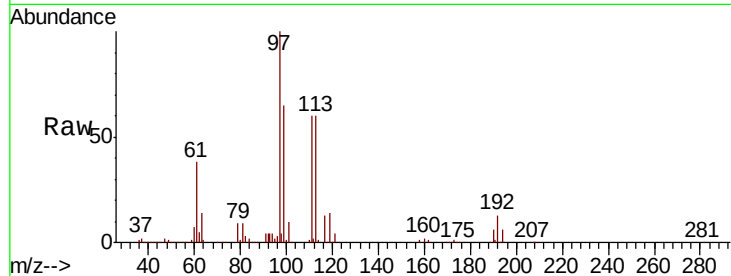
#35
Dibromofluoromethane
Concen: 48.142 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.0	81.6	122.4	
192	21.4	17.0	25.4	

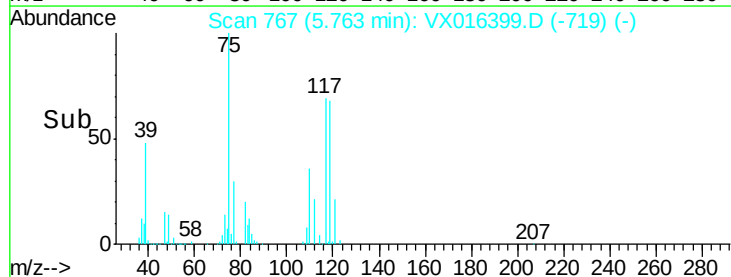
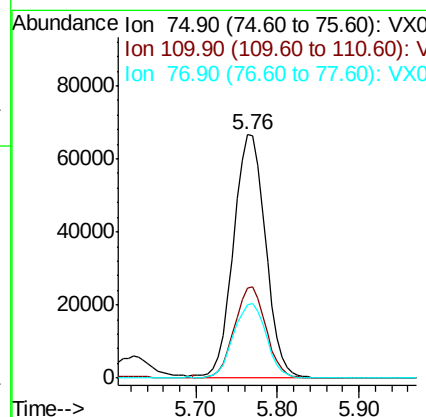
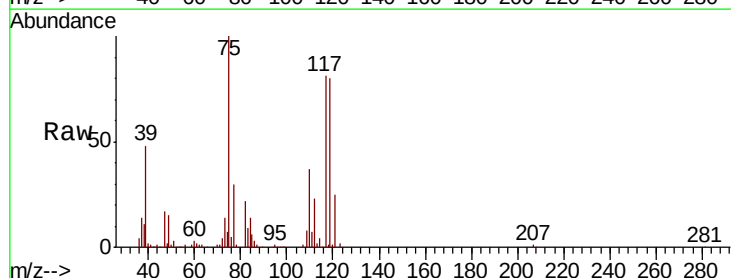
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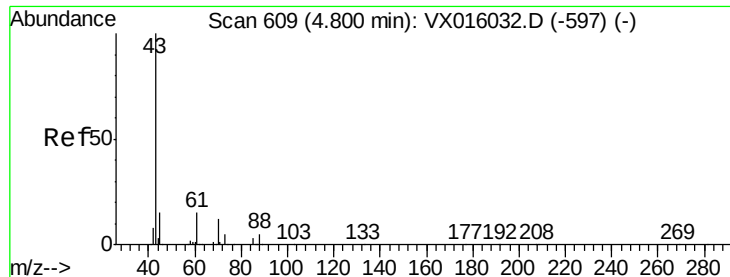
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#36
1,1-Dichloropropene
Concen: 49.985 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.6	18.1	54.1	
77	31.3	25.0	37.6	





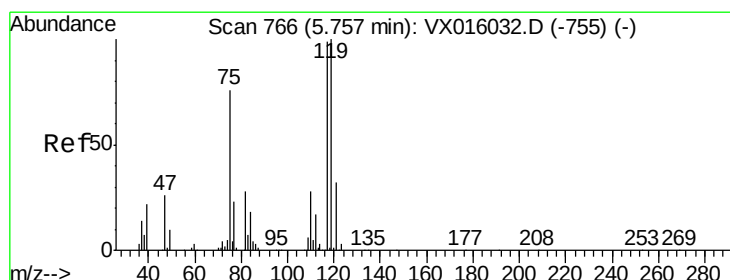
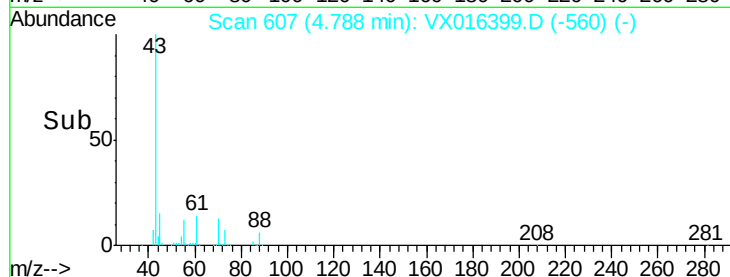
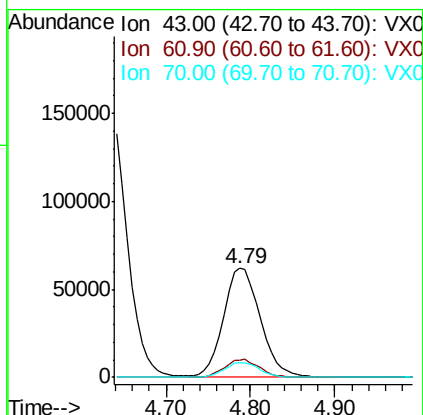
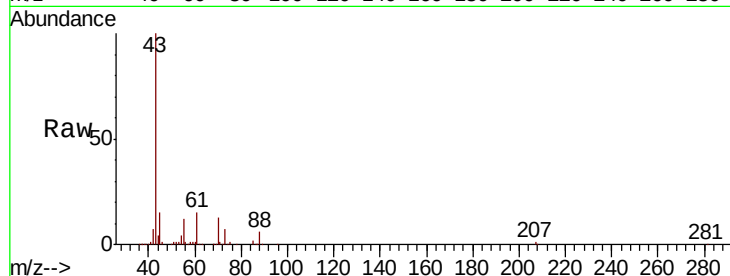
#37
Ethyl Acetate
Concen: 43.830 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.7	17.5
70	13.3	9.3	13.9

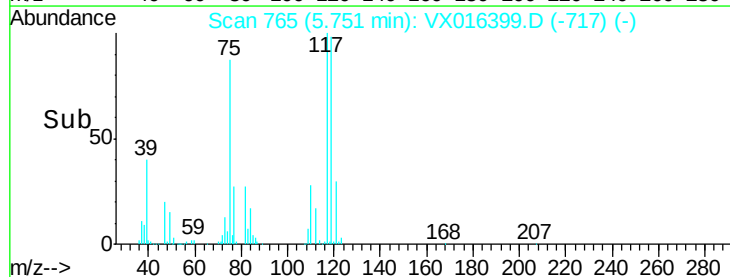
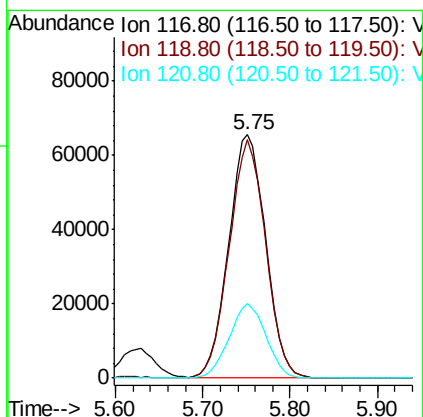
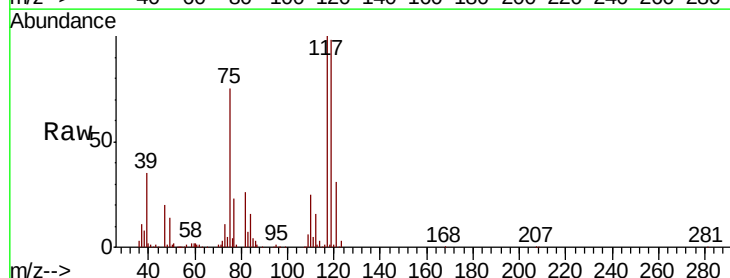
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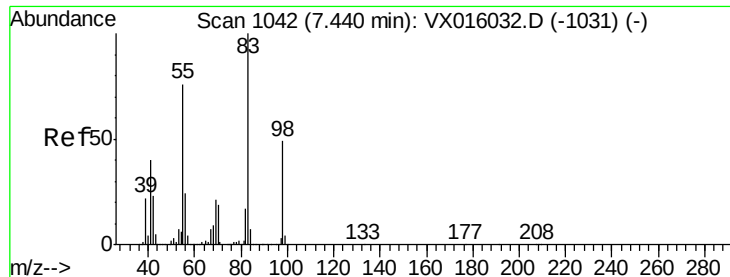
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#38
Carbon Tetrachloride
Concen: 52.439 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	80.3	120.5
121	30.6	25.7	38.5





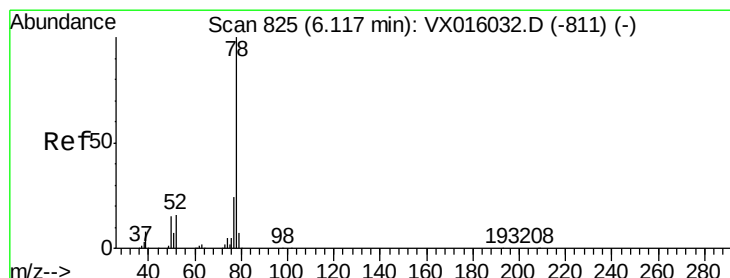
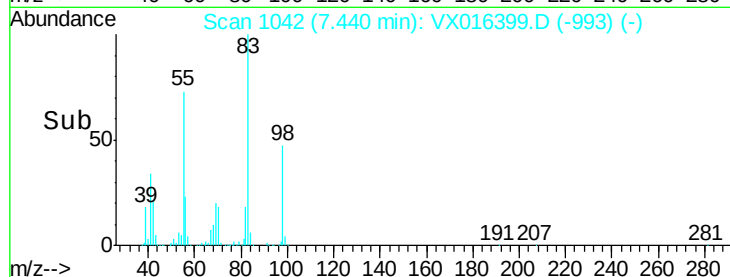
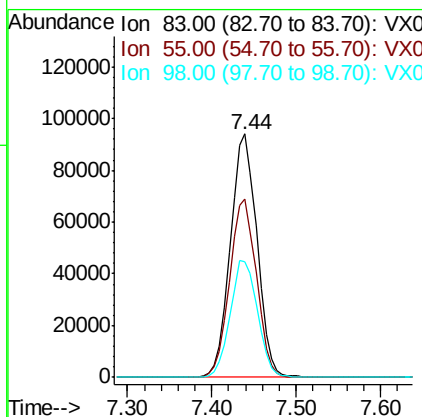
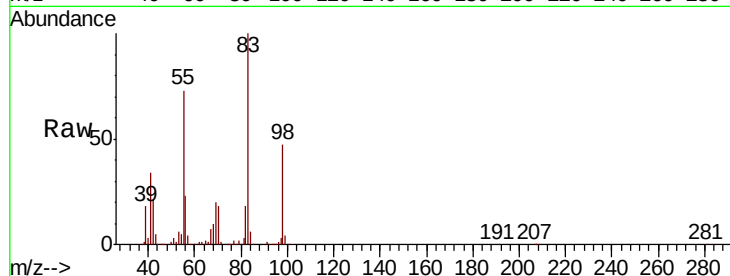
#39
Methylvlcyclohexane
Concen: 46.171 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.1	91.7
98	47.3	39.0	58.4

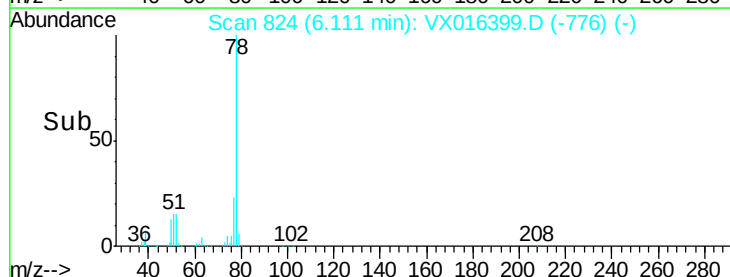
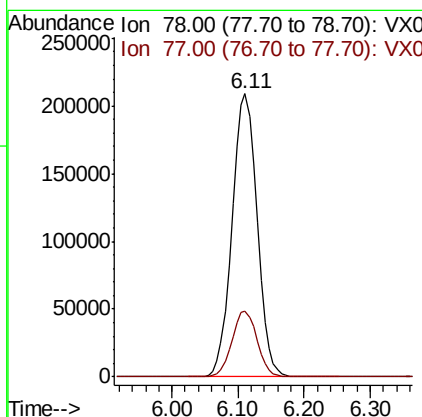
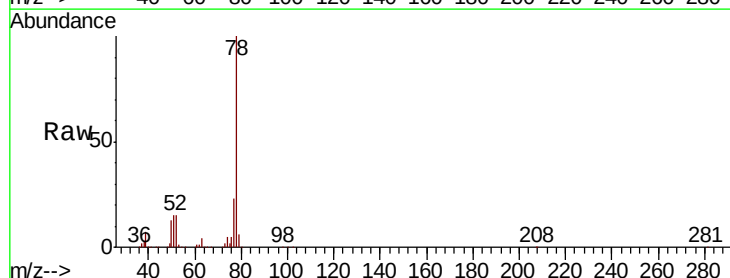
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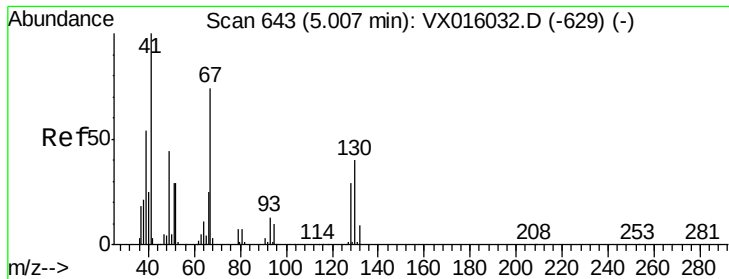
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#40
Benzene
Concen: 51.736 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 44.242 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

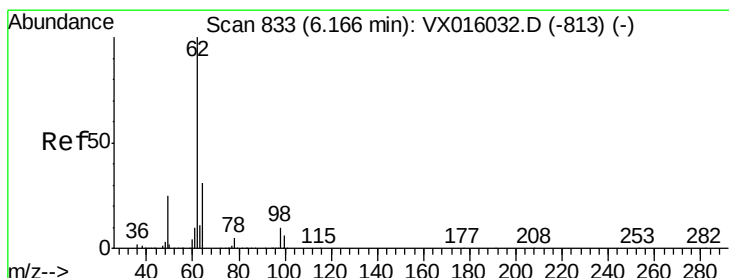
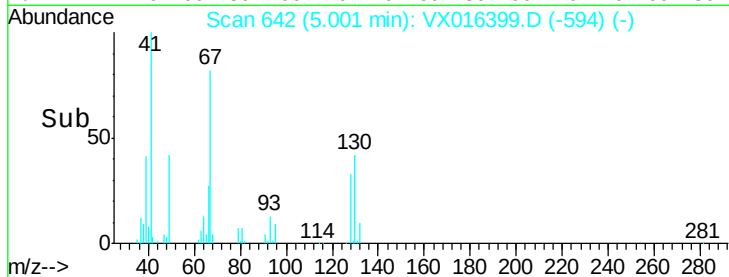
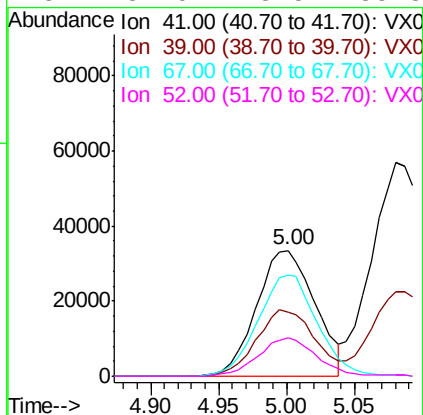
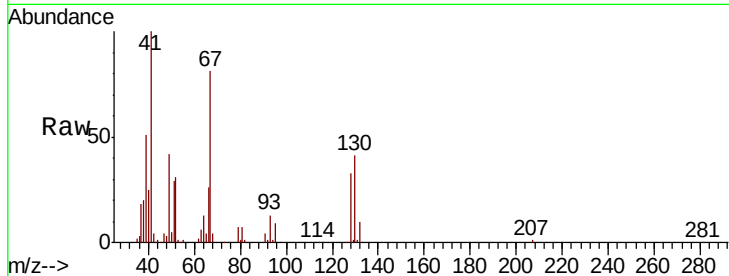
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	43.2	64.8	
67	81.8	59.3	88.9	
52	31.0	23.5	35.3	

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#42

1,2-Dichloroethane

Concen: 47.904 ug/l

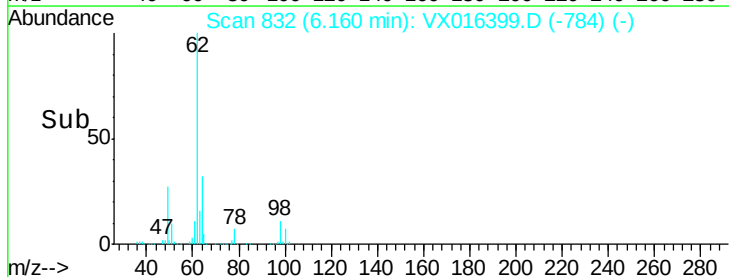
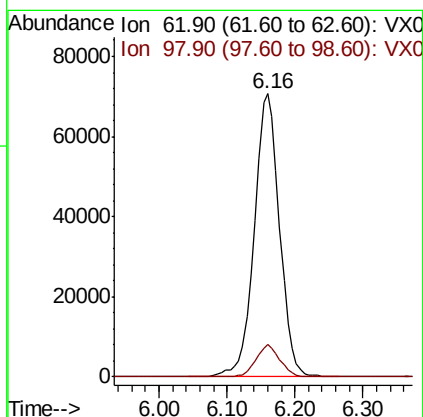
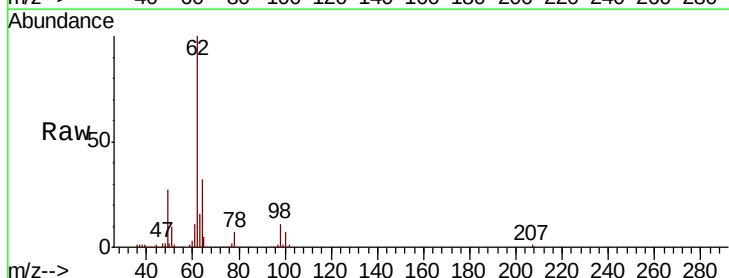
RT: 6.16 min Scan# 832

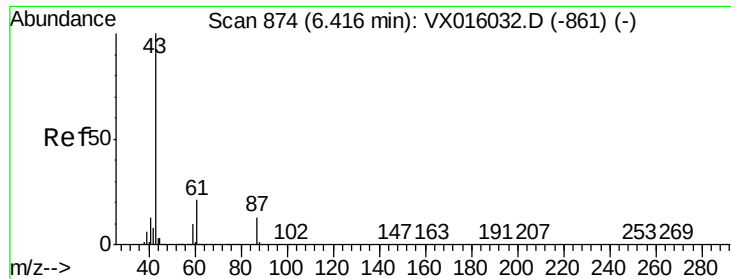
Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	19.4	





#43

Isopropyl Acetate

Concen: 44.527 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

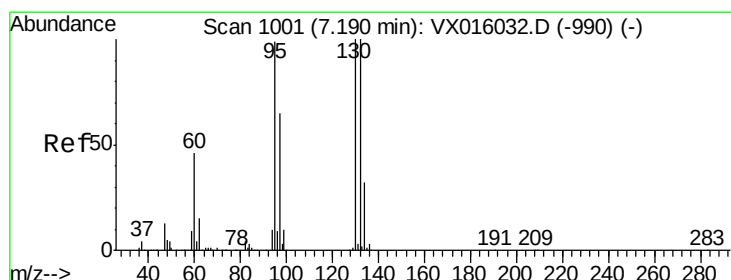
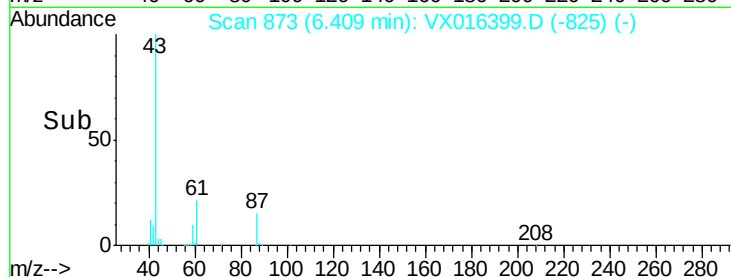
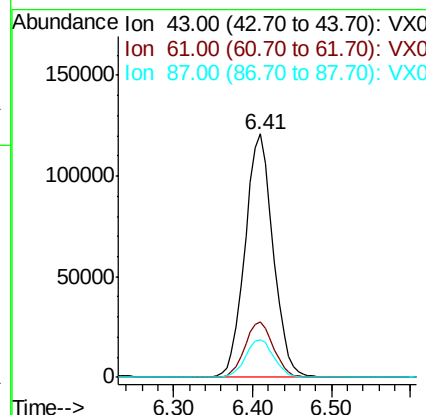
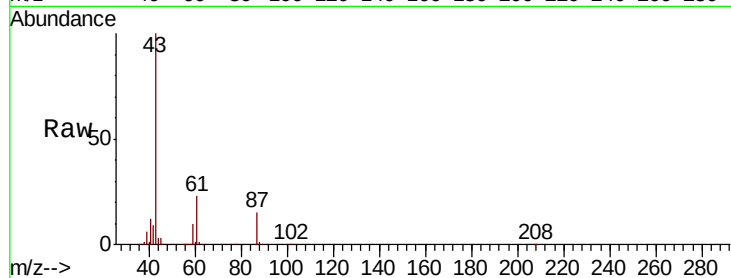
ClientSampleId :

VSTDCCC050

Tot Ion	43	Resp	298065
Ion Ratio	Lower	Upper	
43	100		
61	23.3	17.0	25.4
87	15.8	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 48.215 ug/l

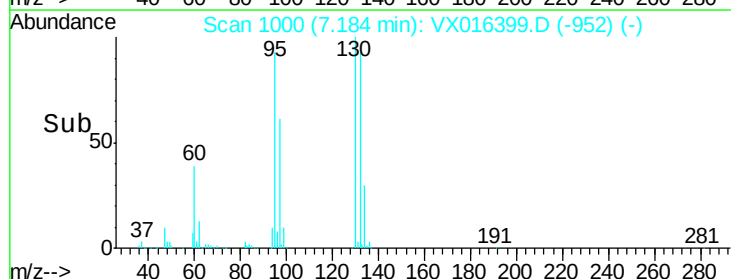
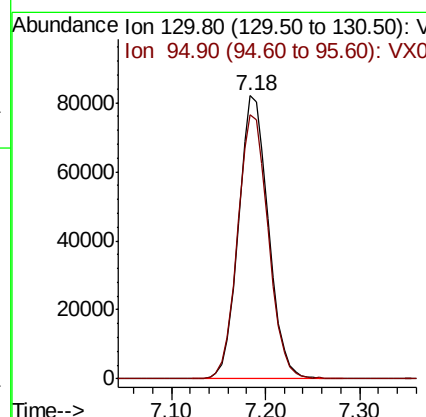
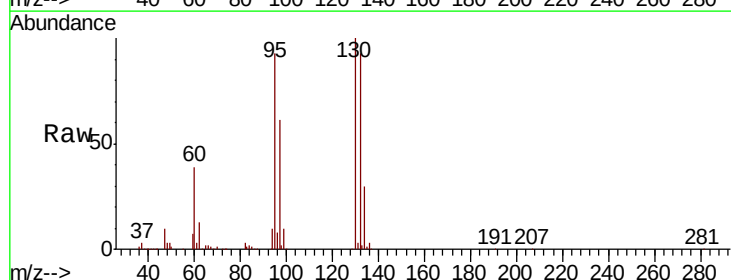
RT: 7.18 min Scan# 1000

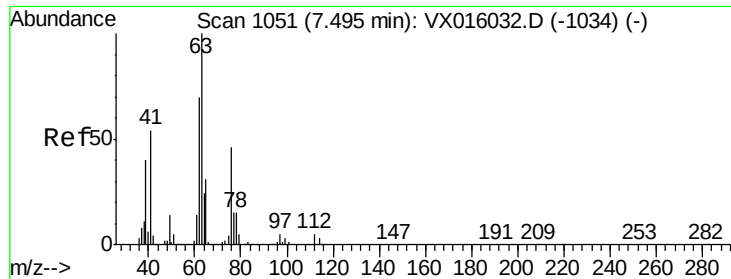
Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion	130	Resp	181418
Ion Ratio	Lower	Upper	
130	100		
95	93.4	0.0	197.4





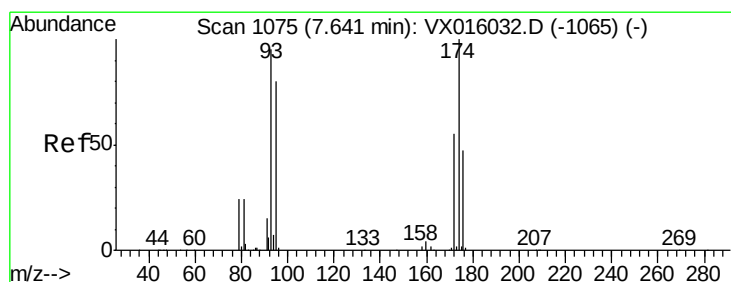
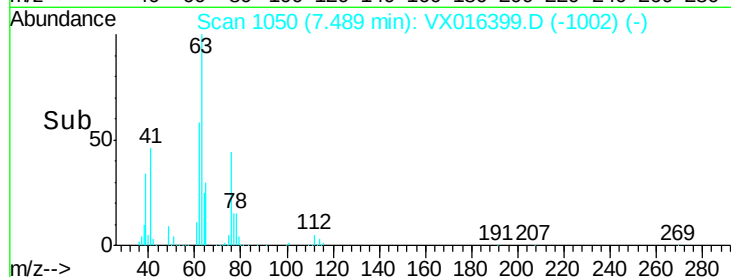
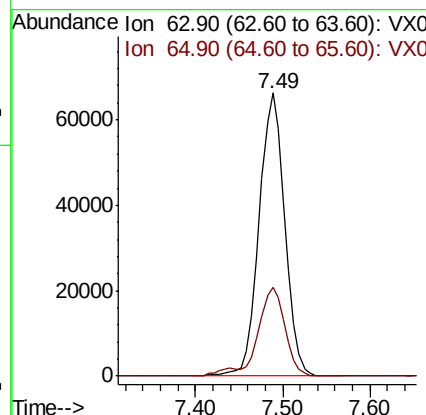
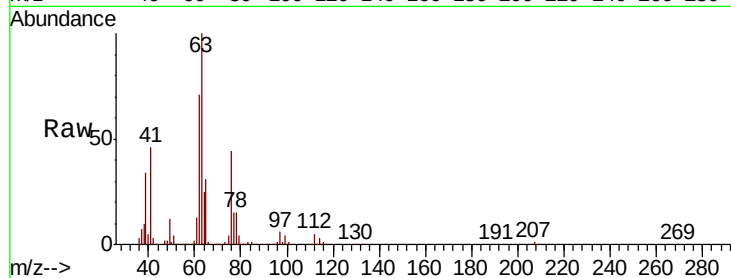
#45
 1,2-Dichloropropane
 Concen: 50.445 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.4	36.6

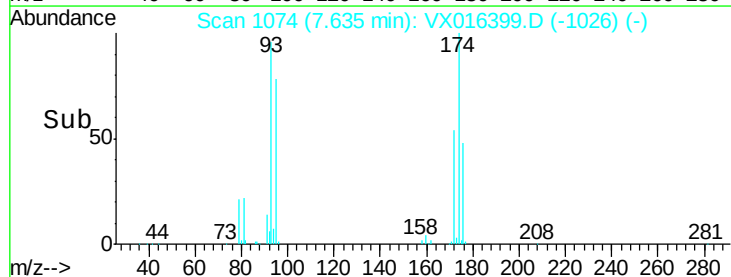
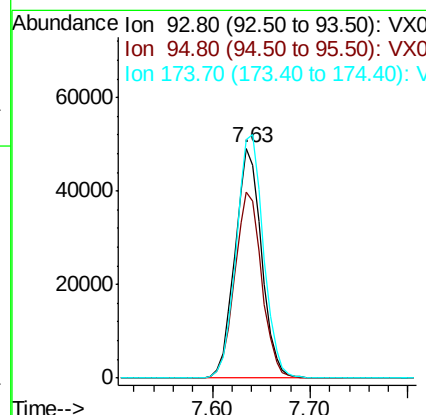
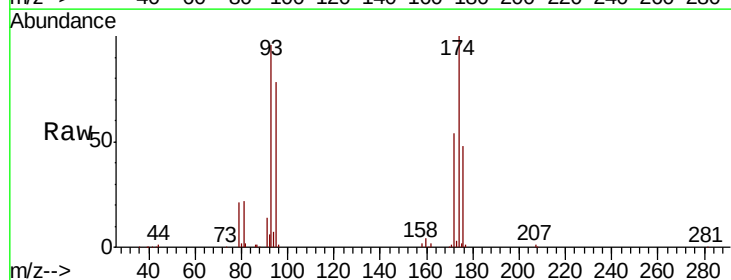
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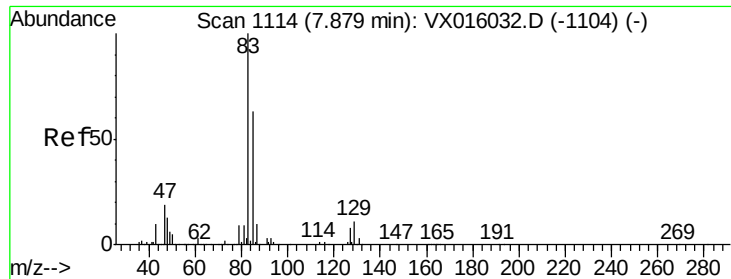
MMDadoda
 5/26/2020 11:44:05 AM



#46
 Dibromomethane
 Concen: 51.008 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.6	100.0
174	108.4	84.2	126.4





#47

Bromodichloromethane

Concen: 52.013 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

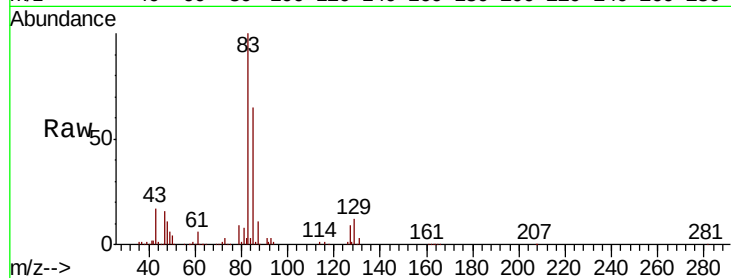
ClientSampleId :

VSTDCCC050

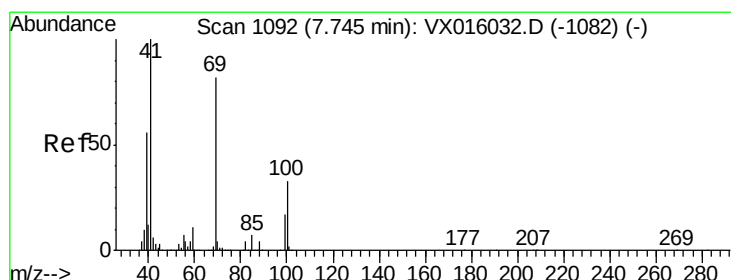
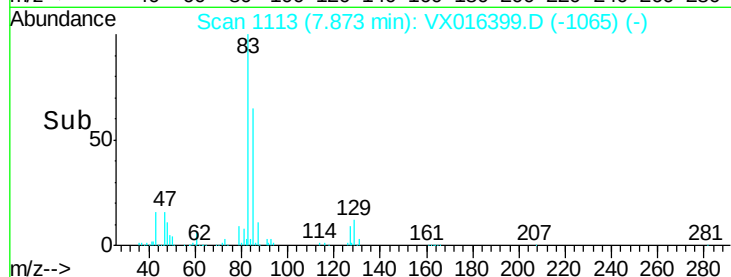
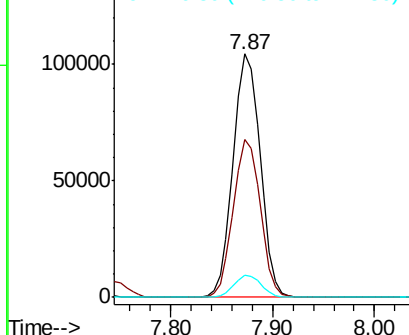
Tot Ion:	83	Resp:	192926
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.5	75.7
127	9.1	6.7	10.1

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.810 ug/l

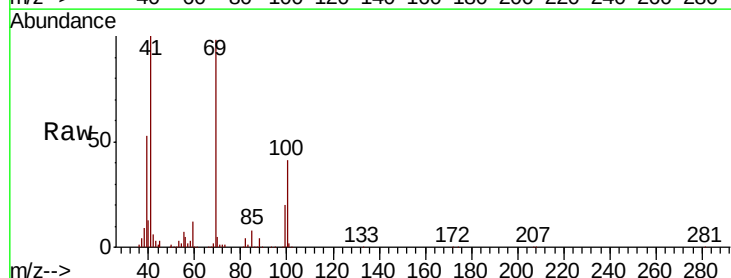
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

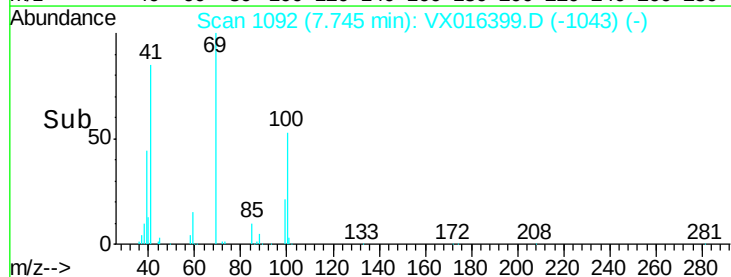
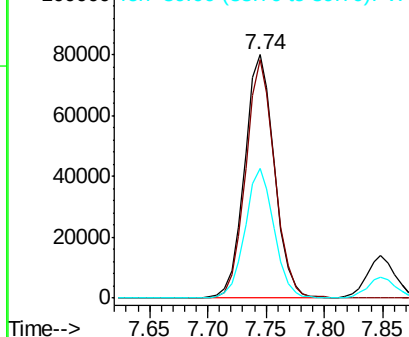
Lab File: VX016399.D

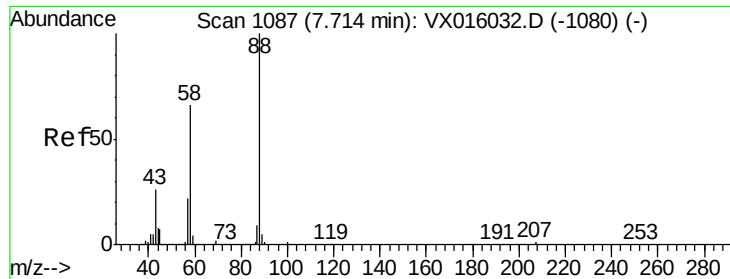
Acq: 22 May 2020 09:53

Tgt Ion:	41	Resp:	142133
Ion Ratio	Lower	Upper	
41	100		
69	95.2	67.8	101.6
39	52.2	44.6	67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





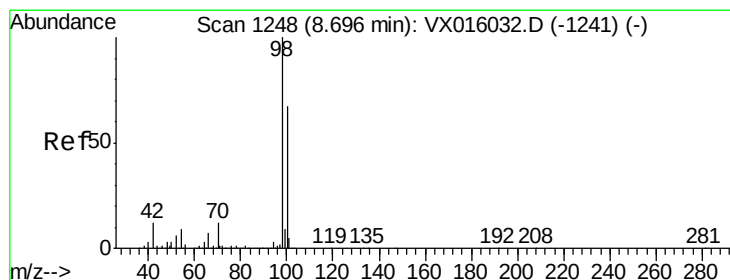
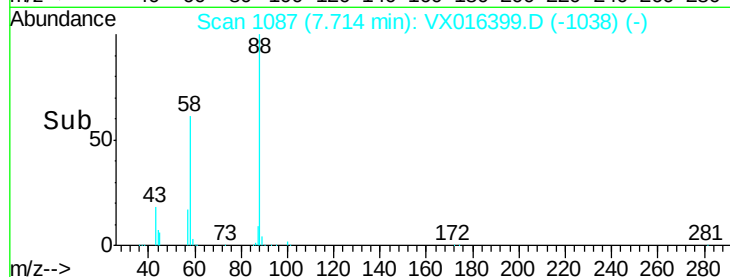
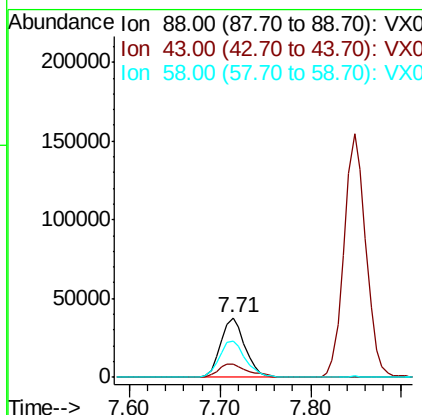
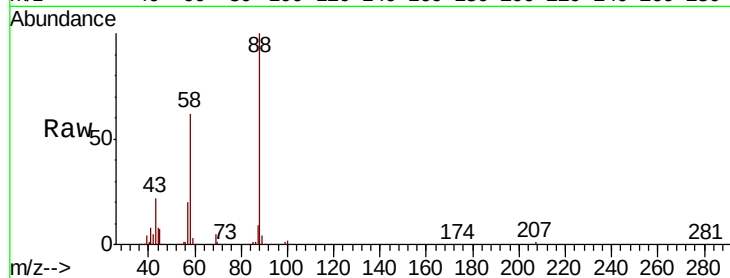
#49
1,4-Dioxane
Concen: 929.590 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	25.3	37.9
58	65.6	55.9	83.9

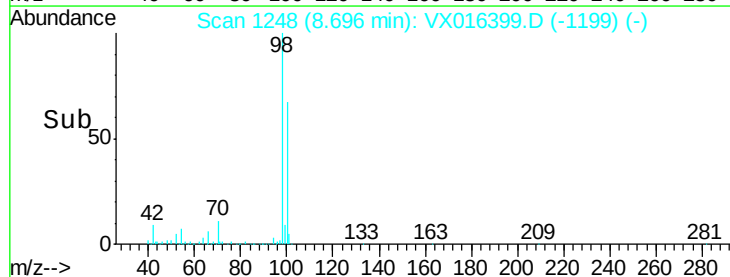
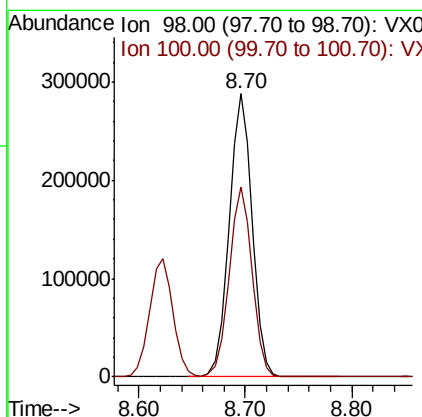
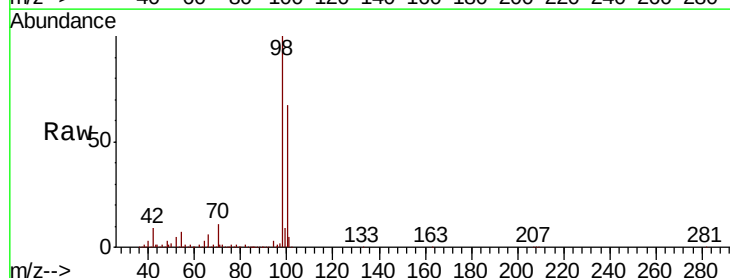
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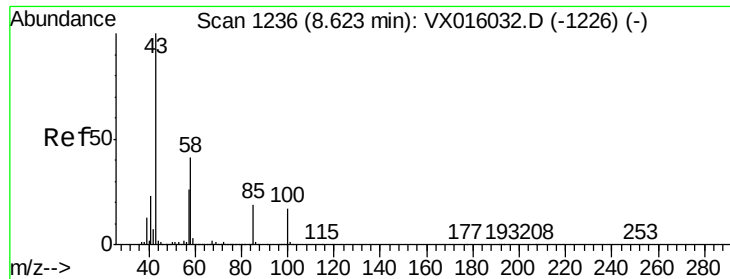
MMDadoda
5/26/2020 11:44:05 AM



#50
Toluene-d8
Concen: 48.331 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5





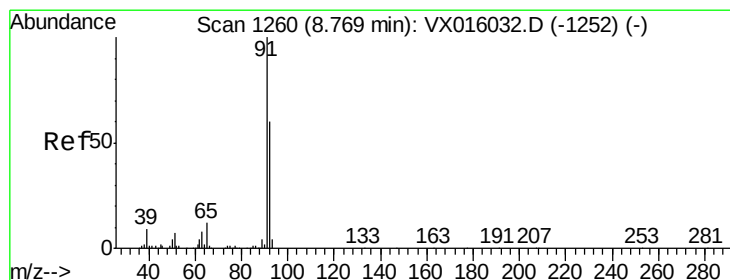
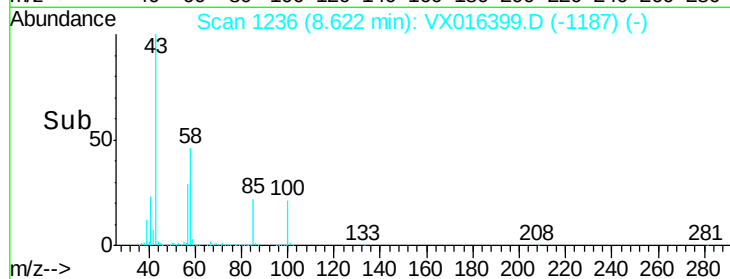
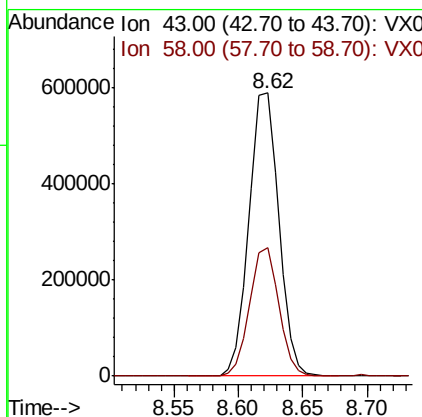
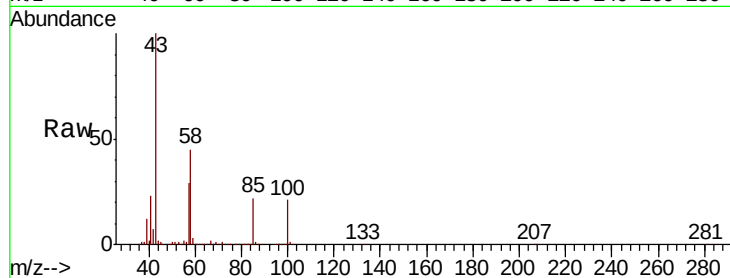
#51
4-Methyl-2-Pentanone
Concen: 229.586 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.4	33.0	49.4

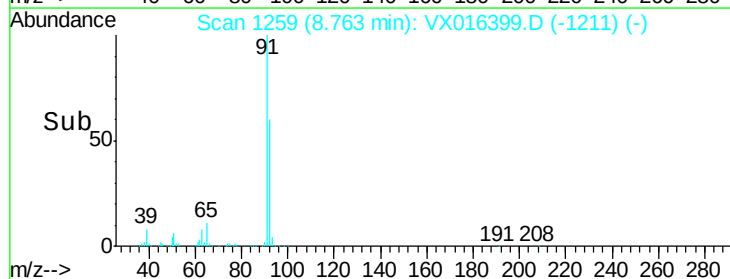
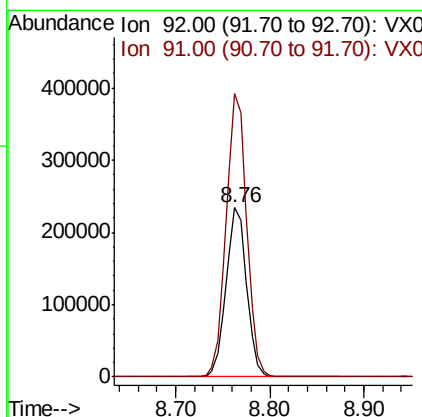
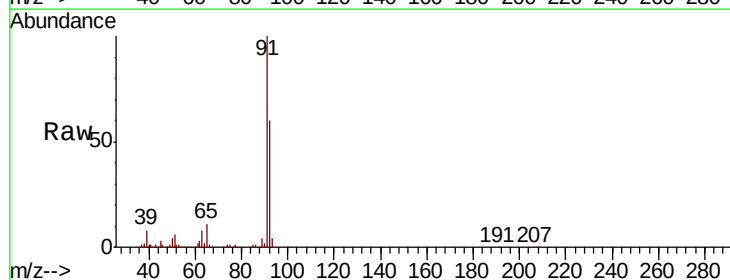
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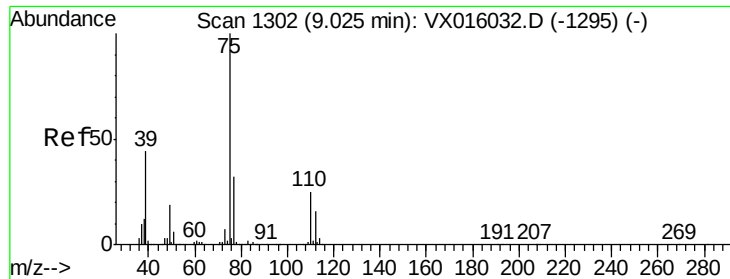
MMDadoda
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#52
Toluene
Concen: 53.597 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.9	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 50.995 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 225526

Ion Ratio Lower Upper

75 100

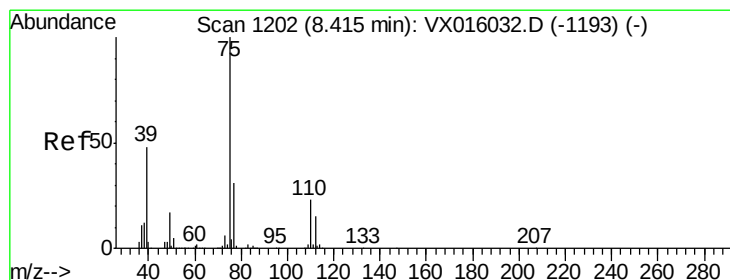
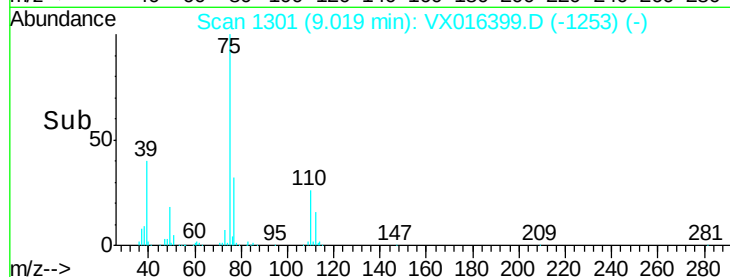
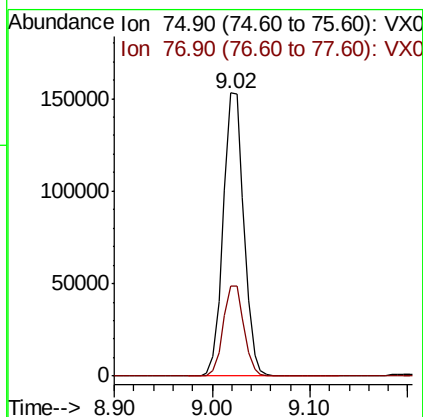
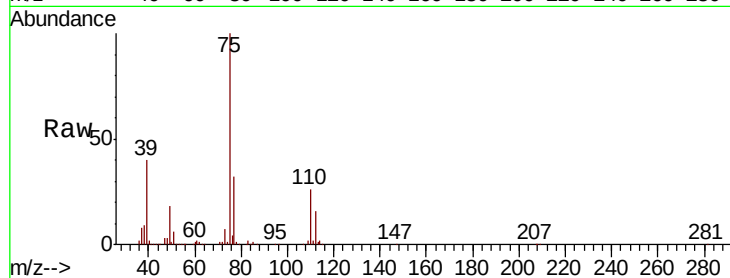
77 32.0 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.918 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

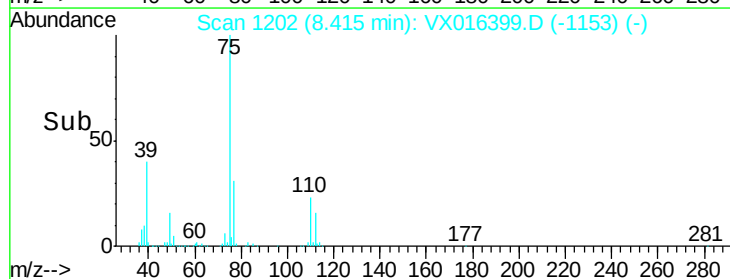
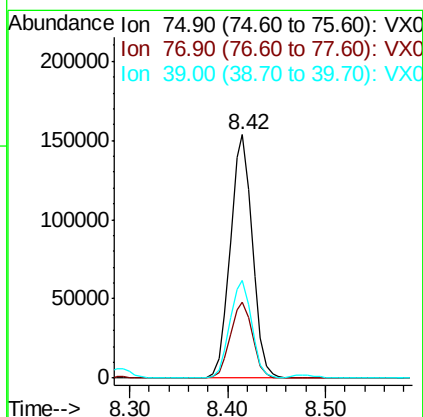
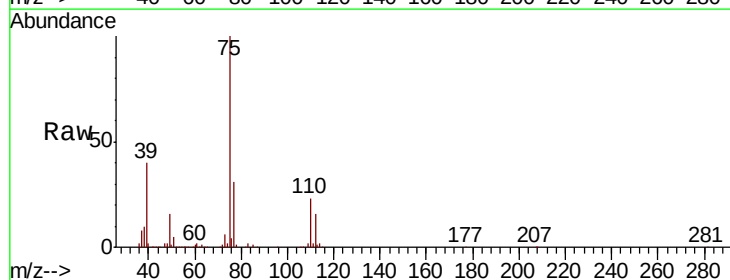
Tgt Ion: 75 Resp: 239829

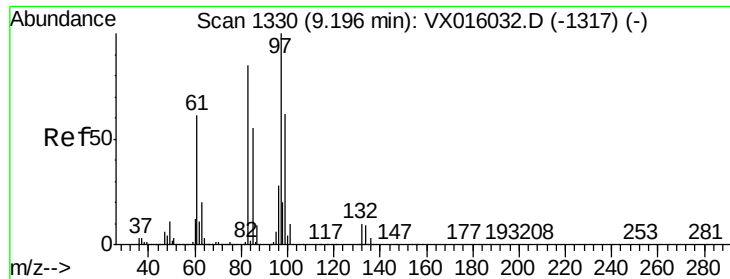
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 40.0 38.7 58.1





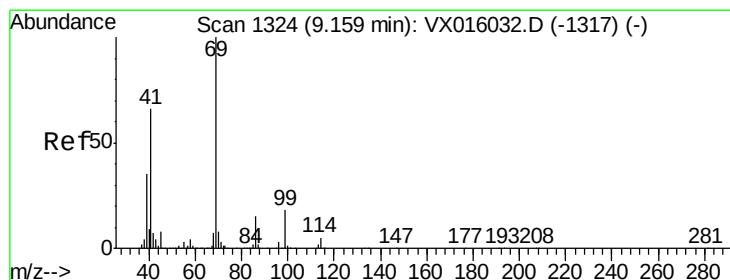
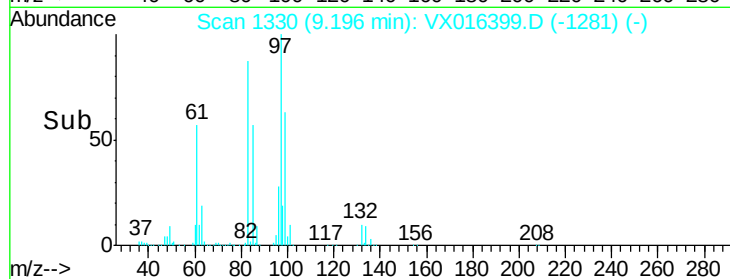
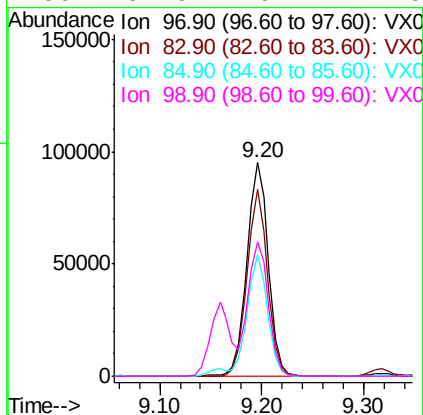
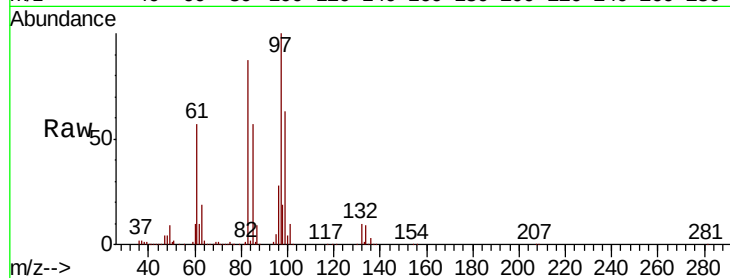
#55
 1,1,2-Trichloroethane
 Concen: 53.591 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		139196		
83	87.2	67.8	101.8		
85	56.8	43.8	65.8		
99	62.9	49.4	74.0		

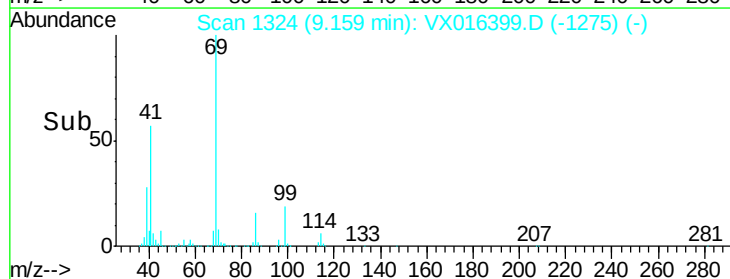
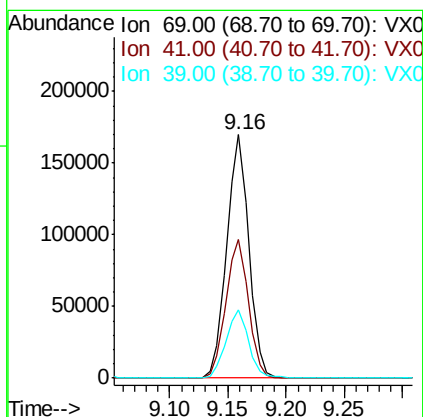
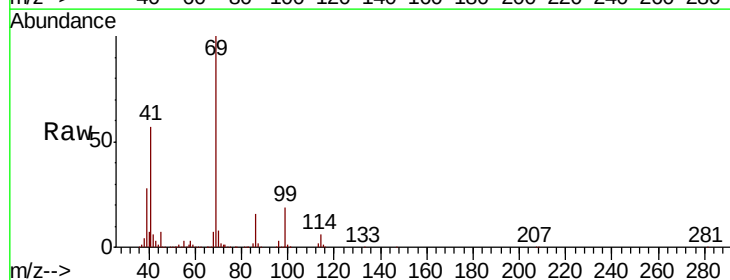
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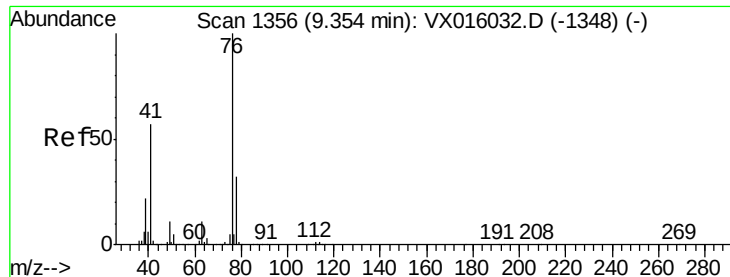
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#56
 Ethyl methacrylate
 Concen: 52.746 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		223628		
41	58.1	52.2	78.4		
39	28.8	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 52.038 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 235843

Ion Ratio Lower Upper

76 100

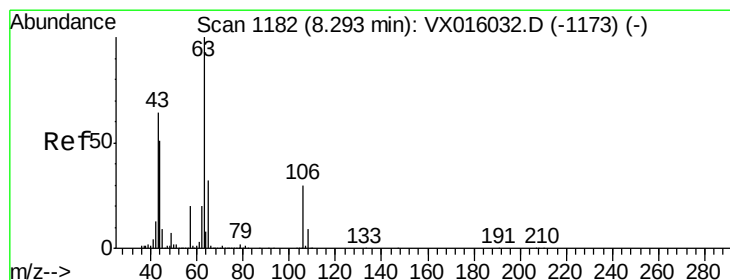
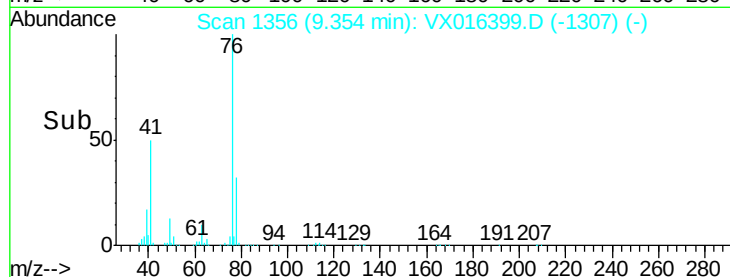
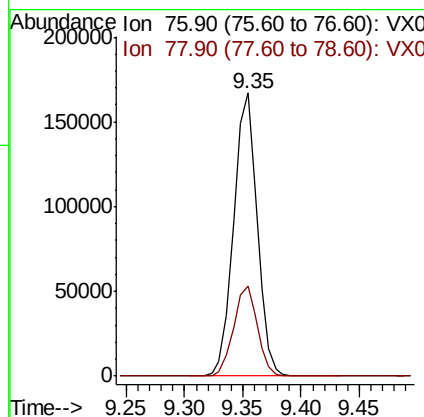
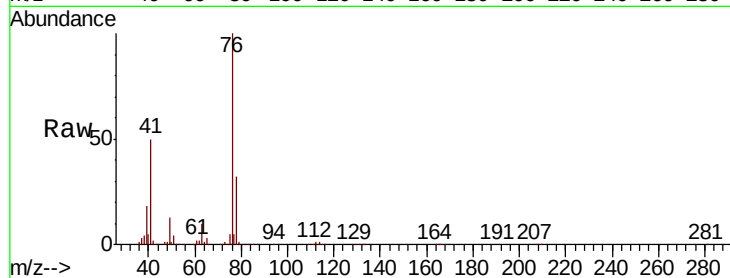
78 32.3 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 248.655 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016399.D

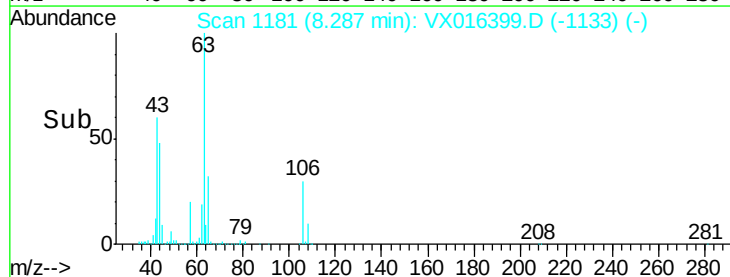
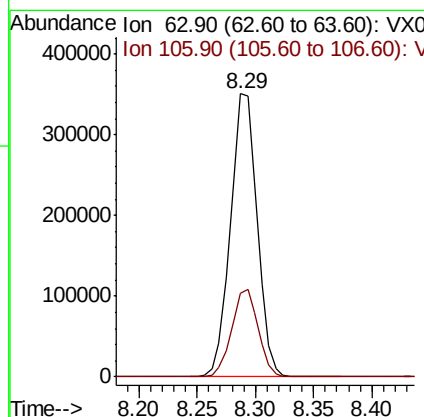
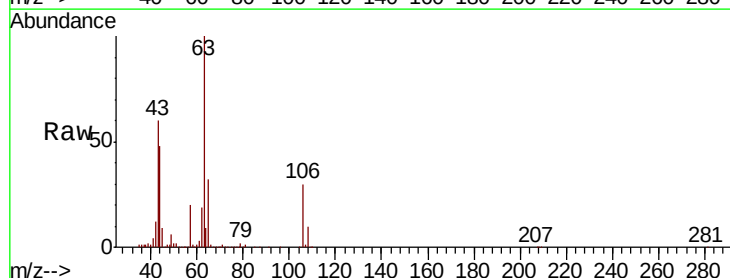
Acq: 22 May 2020 09:53

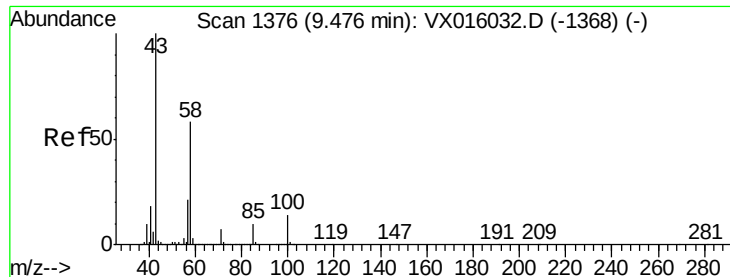
Tgt Ion: 63 Resp: 561245

Ion Ratio Lower Upper

63 100

106 30.7 23.4 35.2





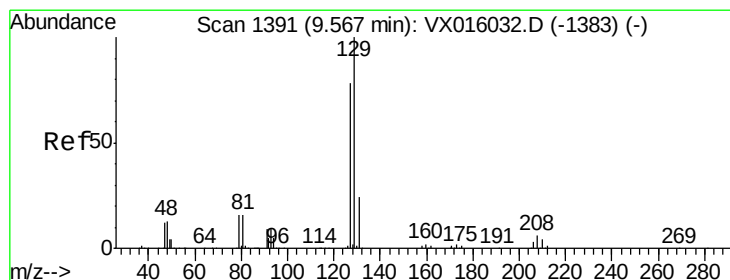
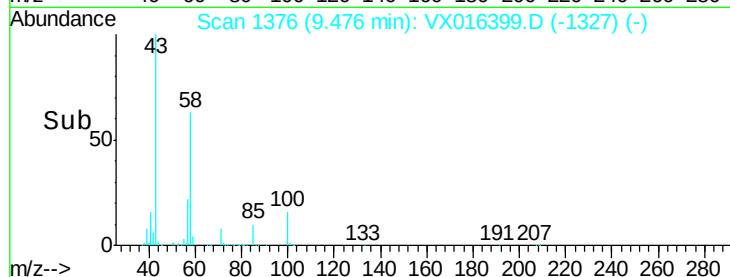
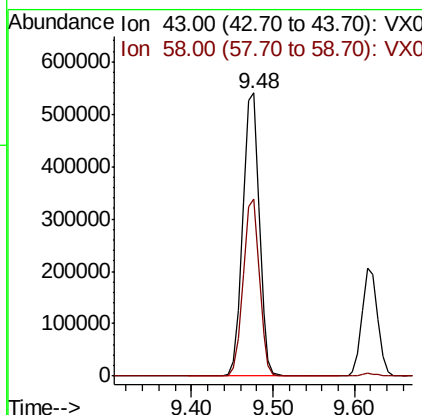
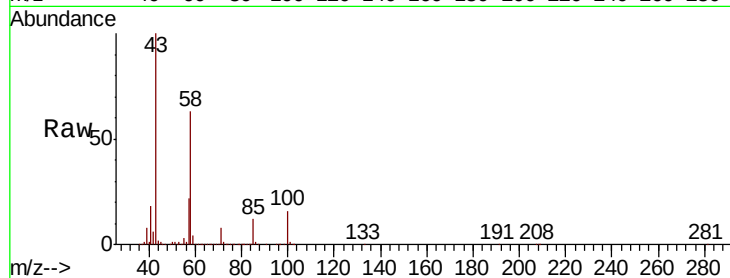
#59
2-Hexanone
Concen: 233.054 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 749720
Ion Ratio Lower Upper
43 100
58 61.7 28.6 85.9

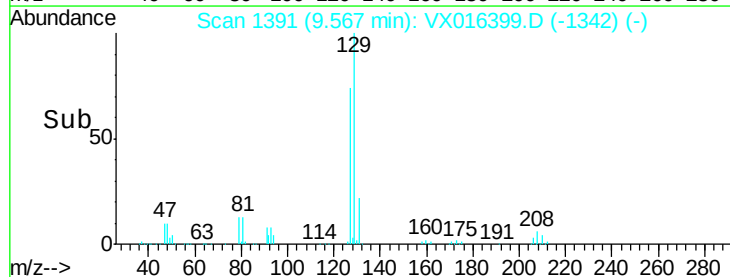
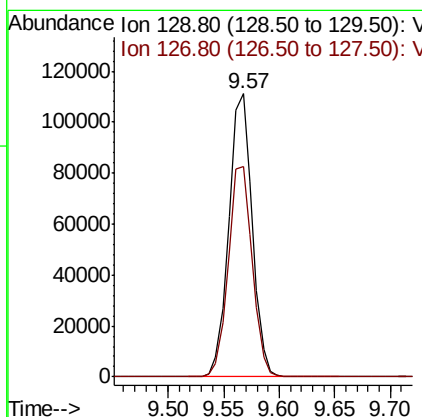
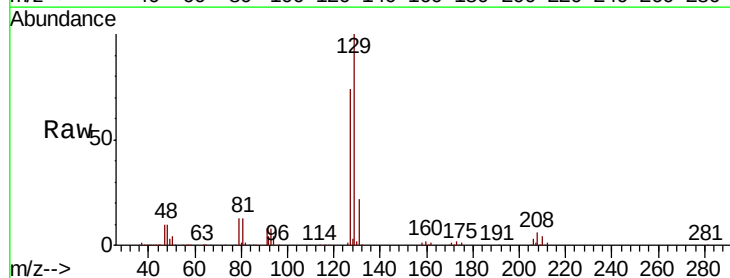
Manual Integrations
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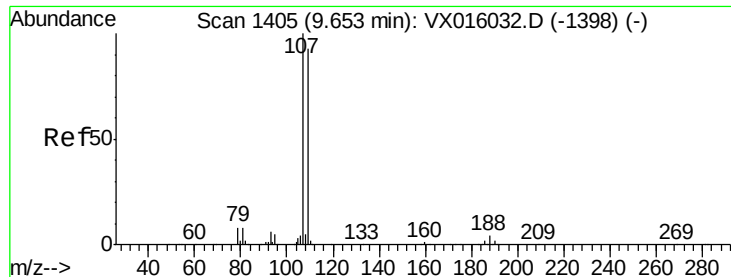
MMDadoda
5/26/2020 11:44:05 AM



#60
Dibromochloromethane
Concen: 56.283 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion: 129 Resp: 161005
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 53.017 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 149158

Ion Ratio Lower Upper

107 100

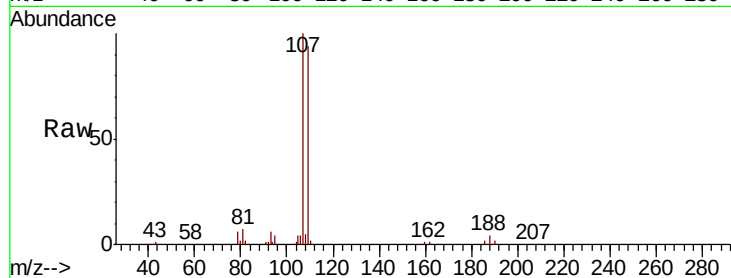
109 94.2 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

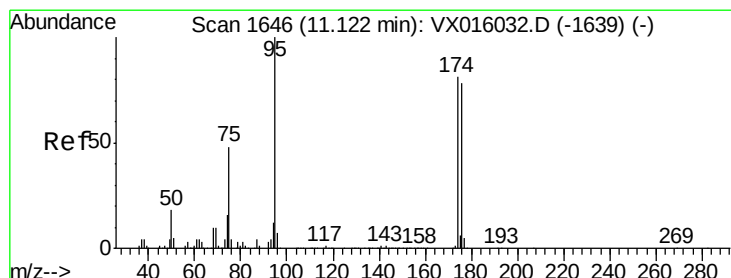
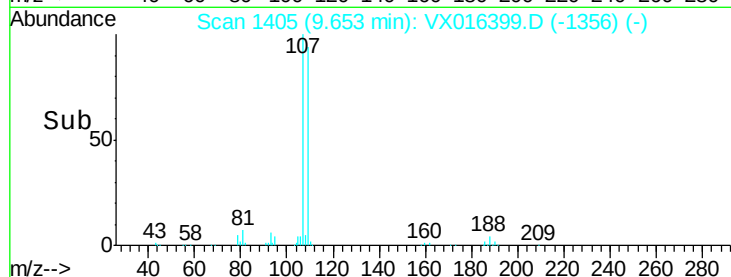
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.378 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

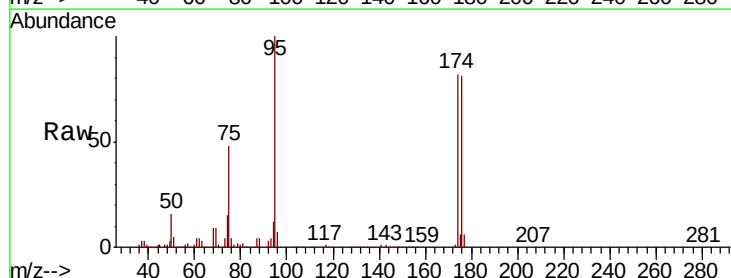
Tgt Ion: 95 Resp: 172005

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

176 78.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

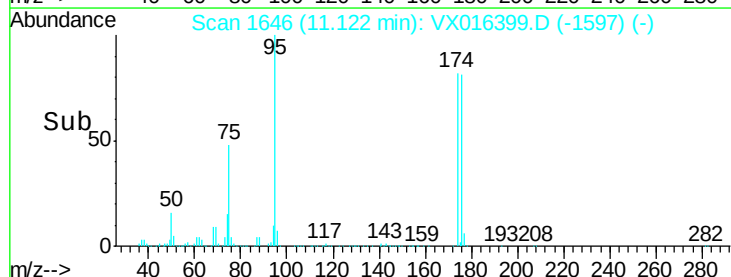
150000

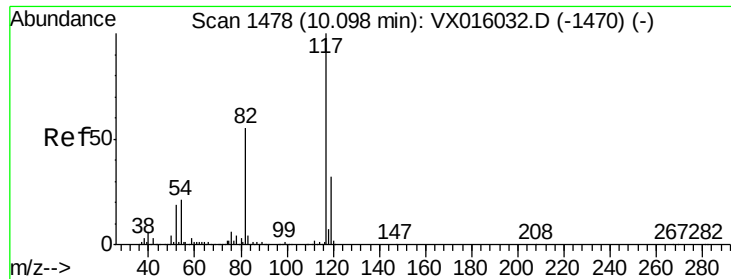
100000

50000

0

Time-->





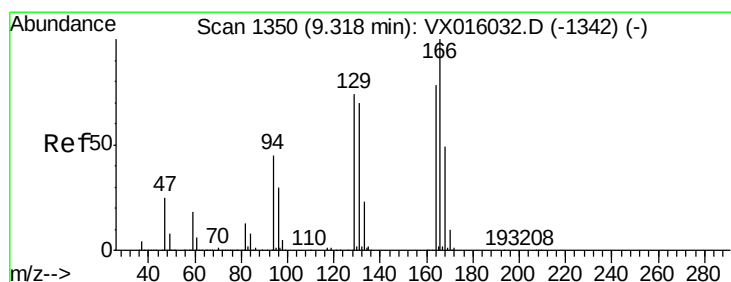
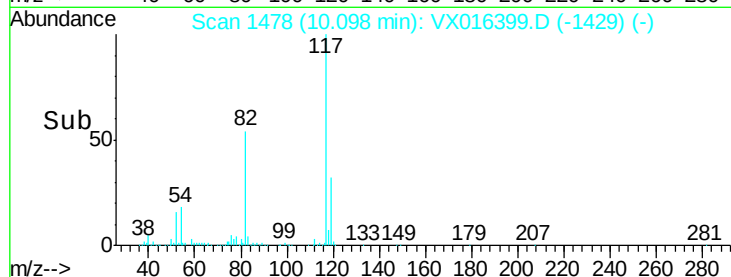
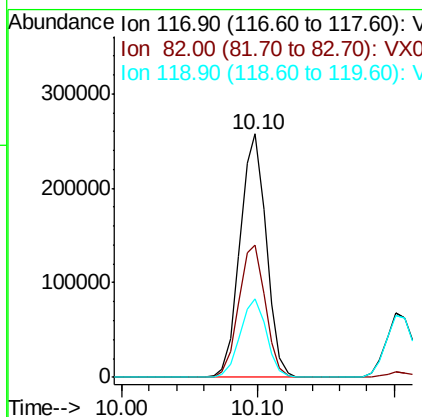
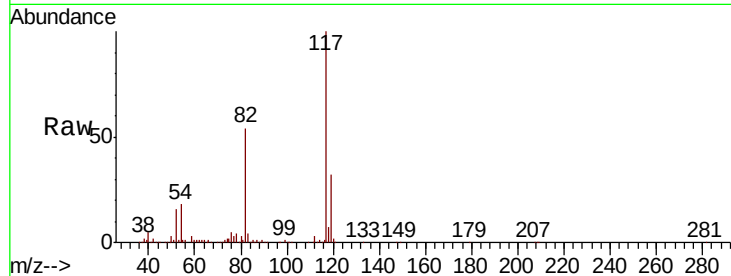
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	345559		
82	54.2		44.4	66.6
119	32.2		25.5	38.3

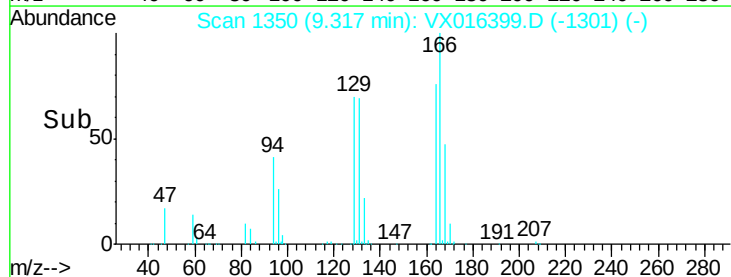
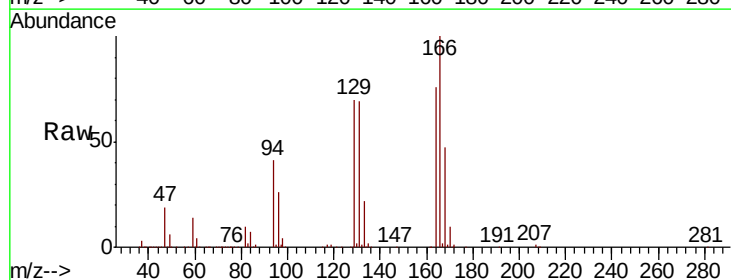
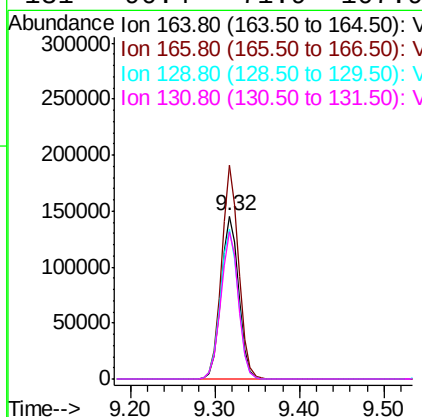
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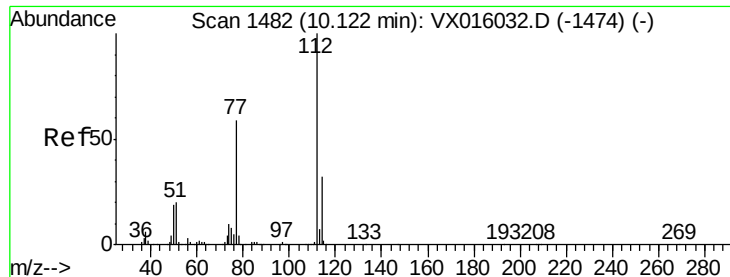
MMDadoda
5/26/2020 11:44:05 AM



#64
Tetrachloroethene
Concen: 49.662 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210676		
166	131.4		102.9	154.3
129	92.5		76.1	114.1
131	90.4		71.9	107.9





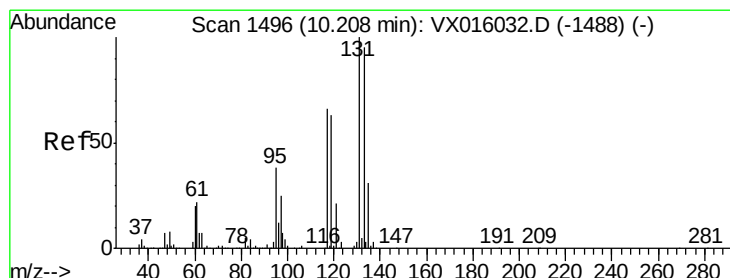
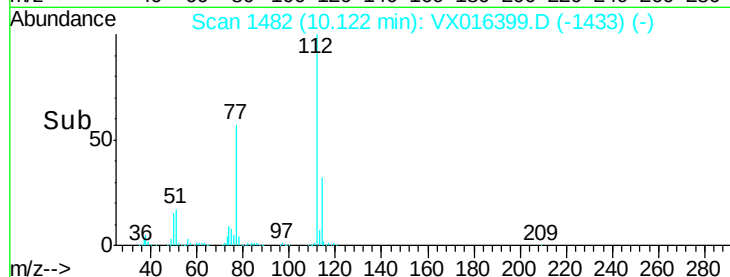
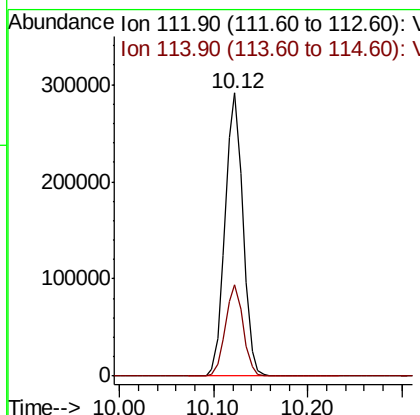
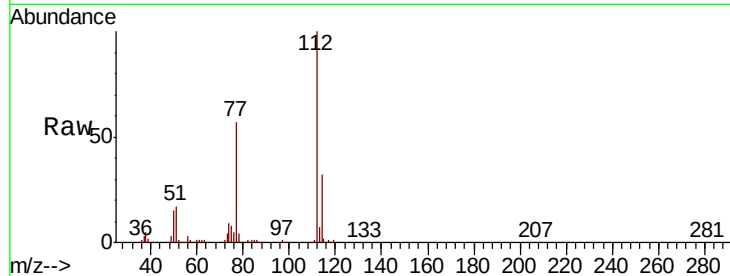
#65
Chlorobenzene
Concen: 53.080 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 384063
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

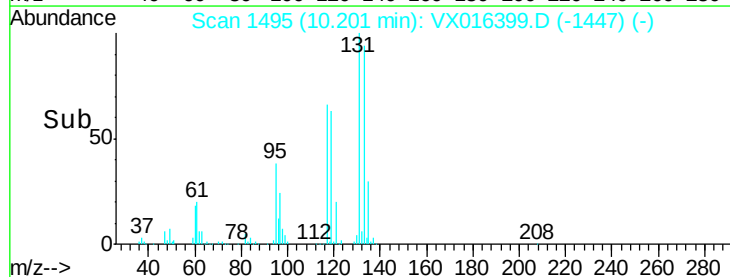
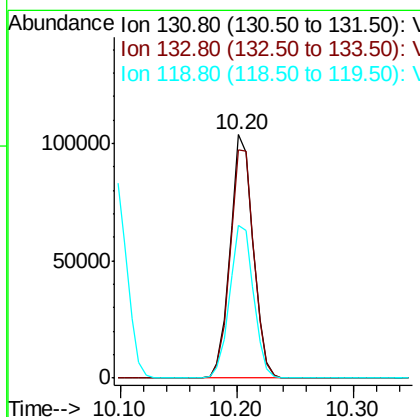
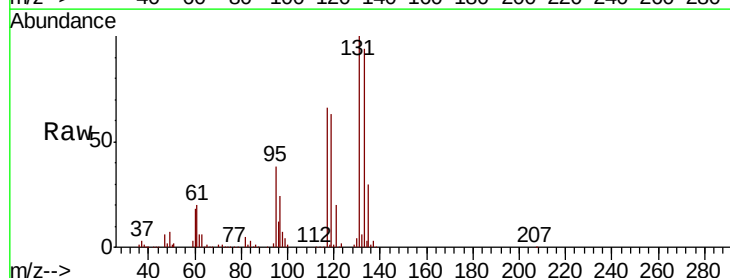
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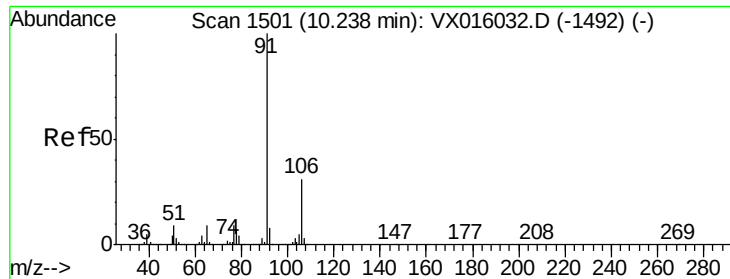
MMDadoda
5/26/2020 11:44:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.391 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion:131 Resp: 142788
Ion Ratio Lower Upper
131 100
133 97.1 48.3 144.8
119 64.9 32.3 96.9





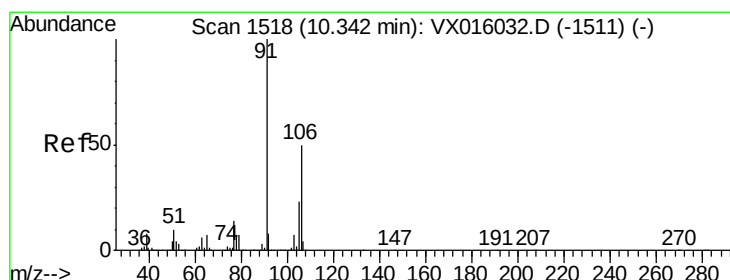
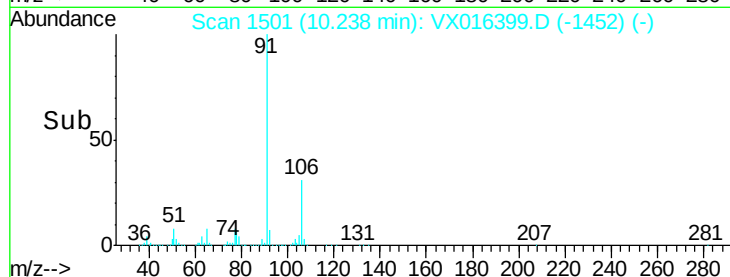
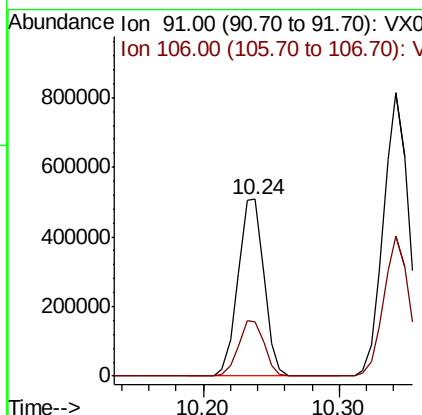
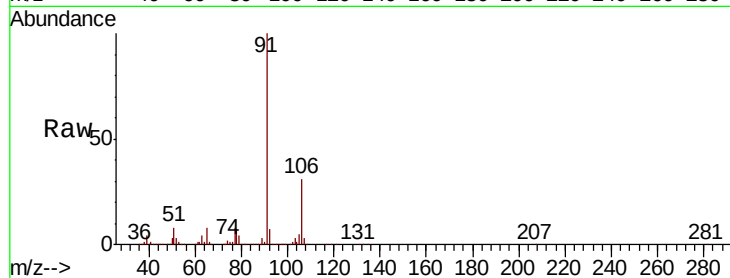
#67
Ethyl Benzene
Concen: 52.494 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 677707
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7

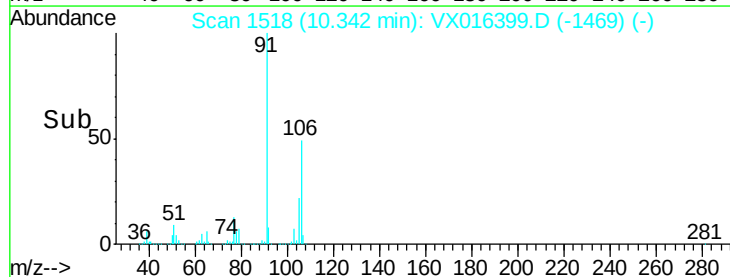
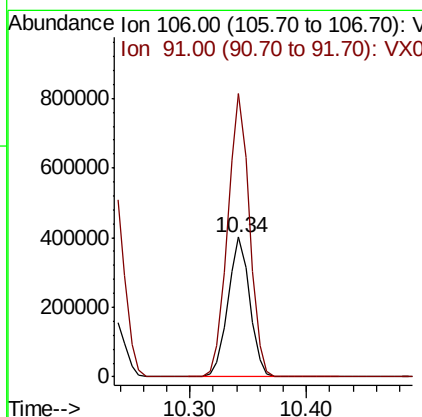
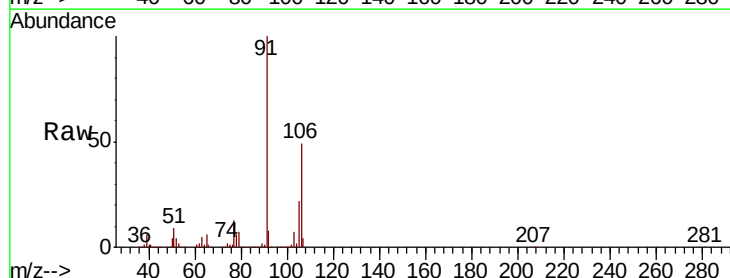
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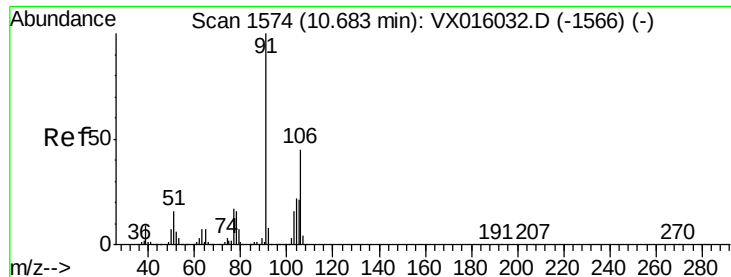
MMDadoda
5/26/2020 11:44:05 AM



#68
m/p-Xylenes
Concen: 107.891 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion: 106 Resp: 521862
Ion Ratio Lower Upper
106 100
91 202.5 161.7 242.5





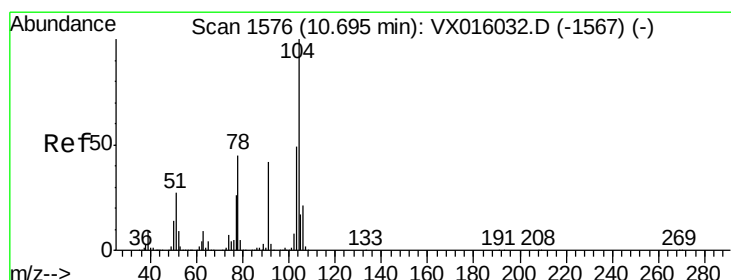
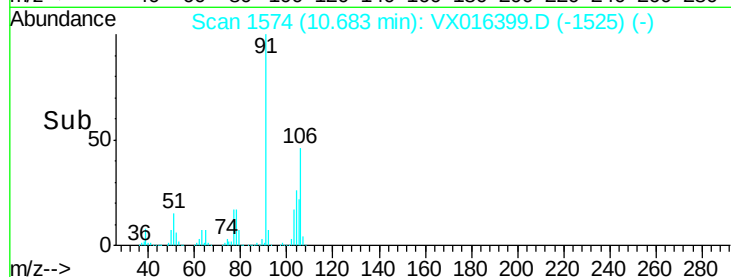
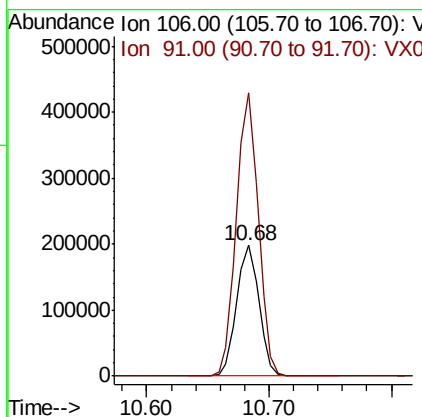
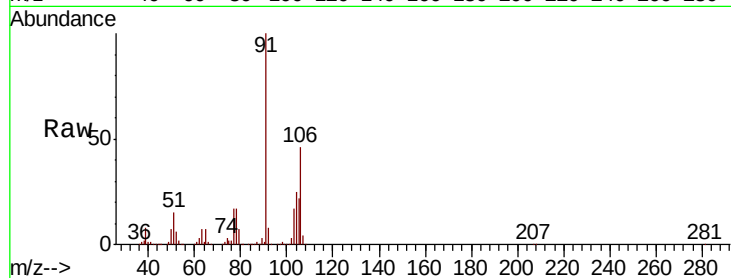
#69
o-Xylene
Concen: 53.846 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	107.5	322.6

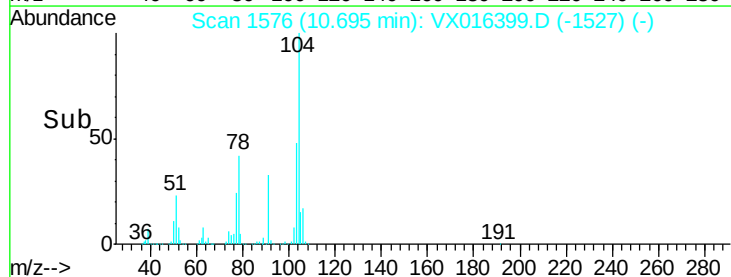
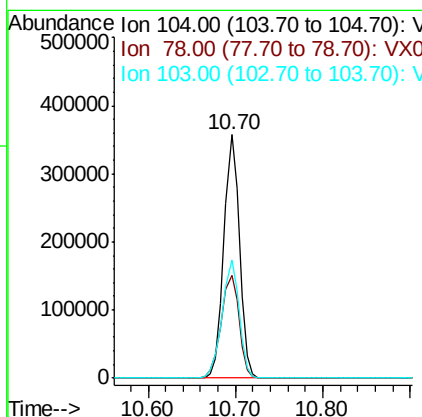
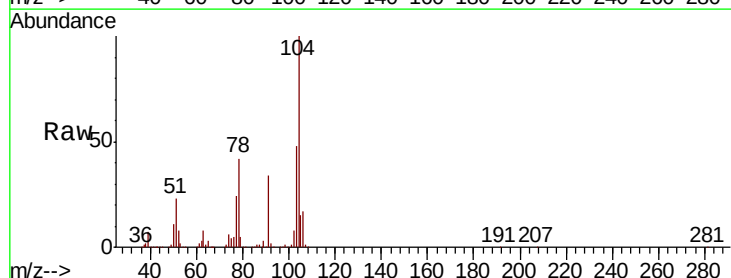
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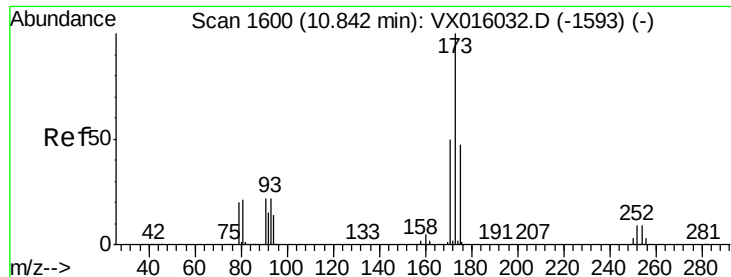
MMDadoda
5/26/2020 11:44:05 AM



#70
Styrene
Concen: 55.743 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	40.2	60.2
103	52.9	43.0	64.6





#71

Bromoform

Concen: 56.499 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

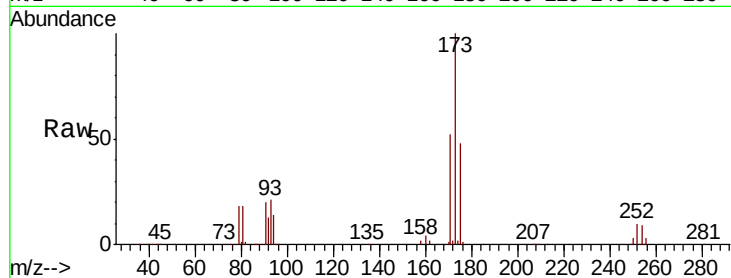
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.0	72.0
254	0.1	0.1	0.1

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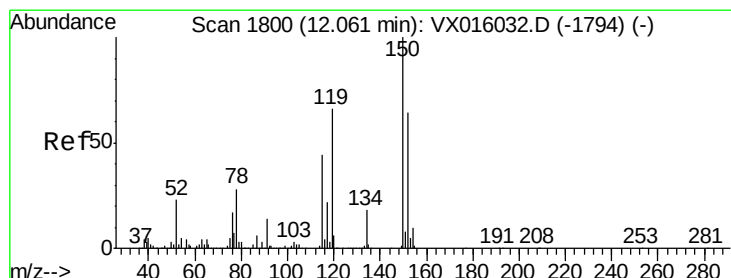
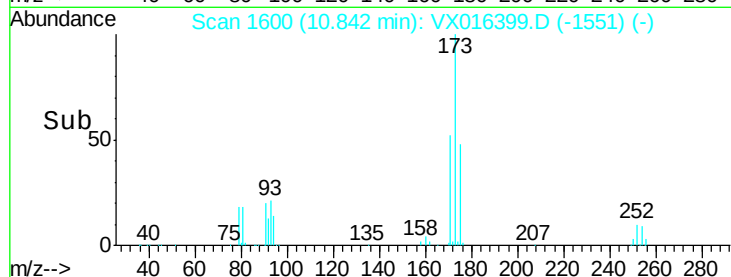
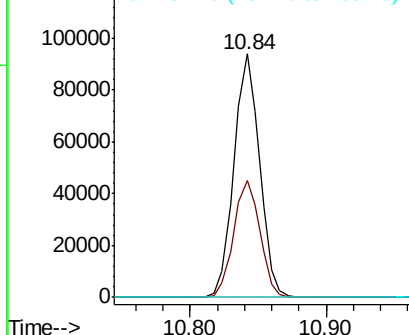


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

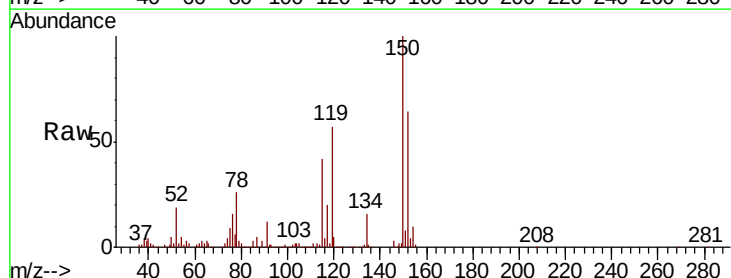
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.2	41.3	124.1
150	174.1	0.0	352.2

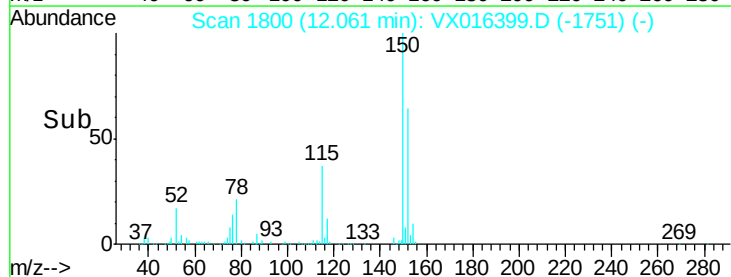
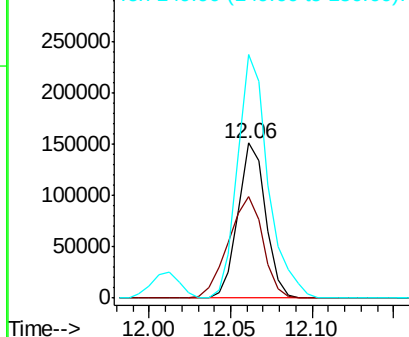


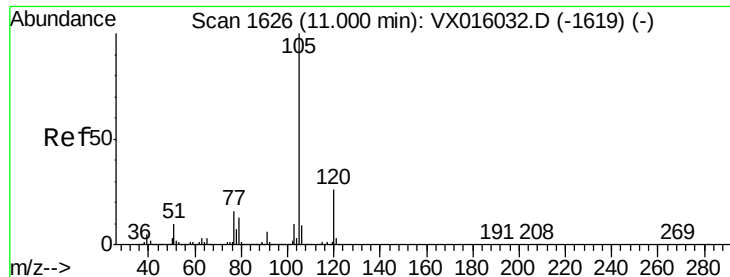
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.145 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 664261

Ion Ratio Lower Upper

105 100

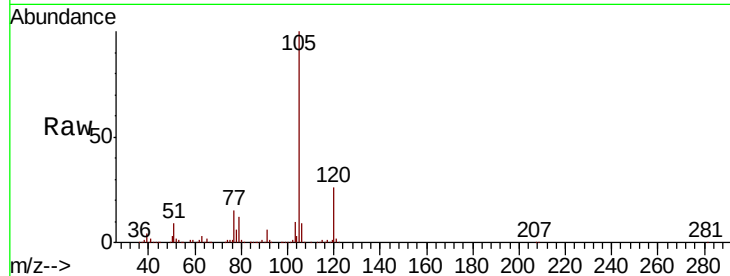
120 26.1 13.4 40.2

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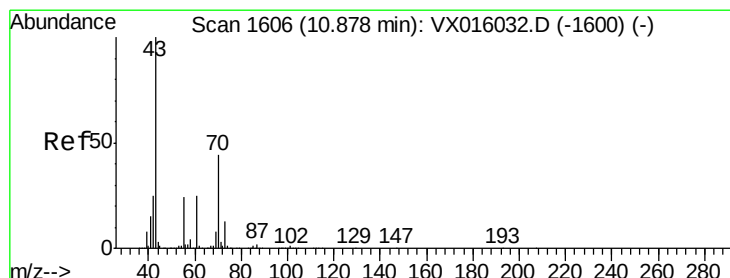
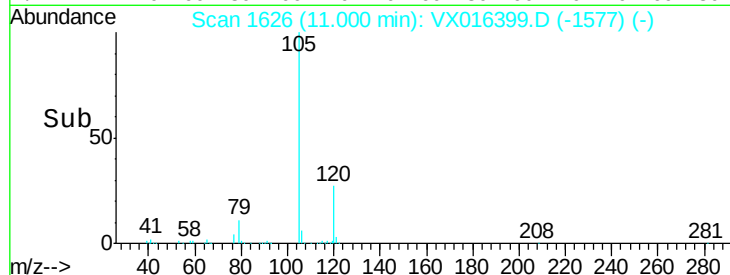
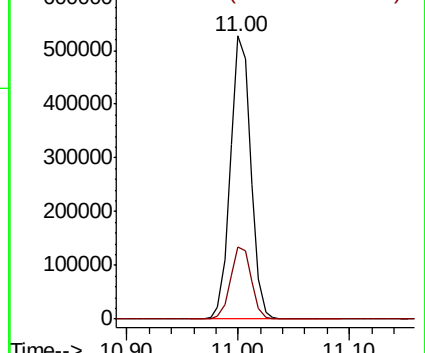
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.801 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion: 43 Resp: 265348

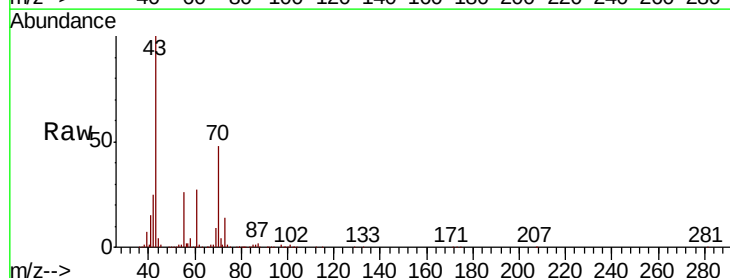
Ion Ratio Lower Upper

43 100

70 49.6 36.5 54.7

55 26.7 19.7 29.5

61 27.5 20.9 31.3

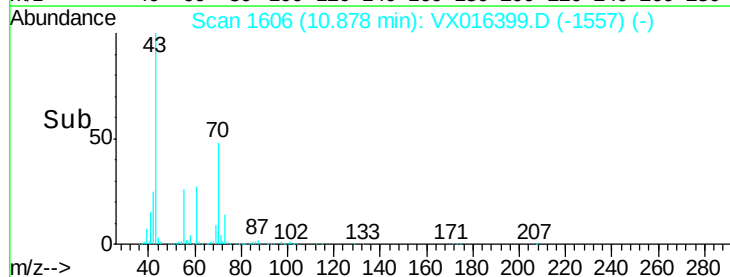
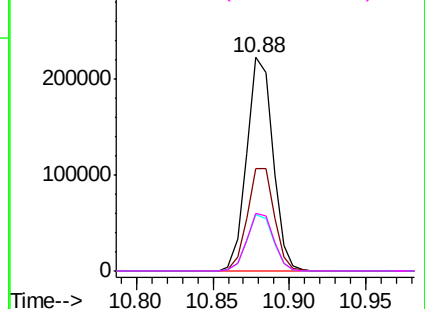


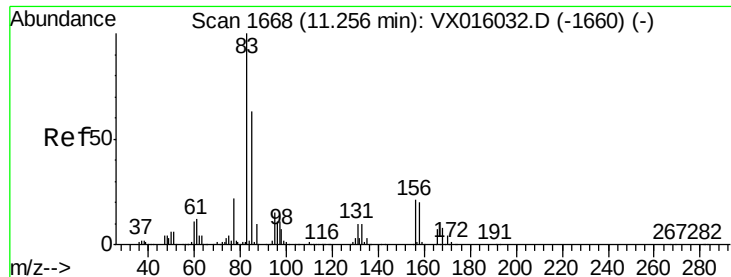
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.702 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

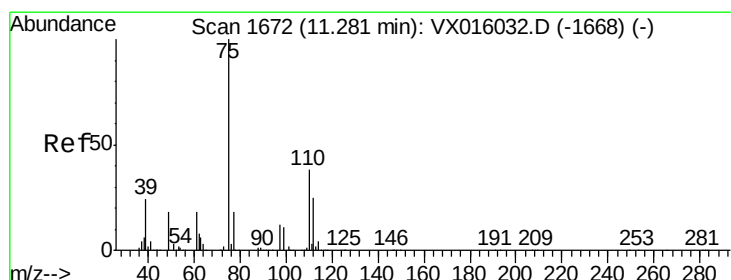
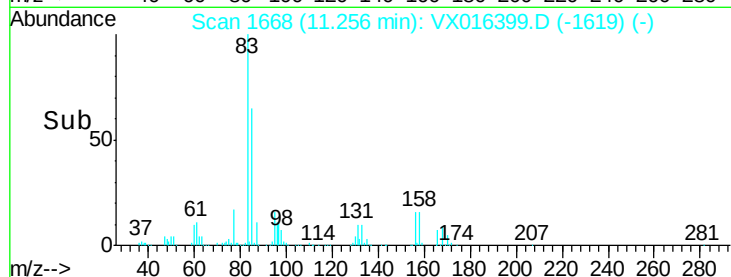
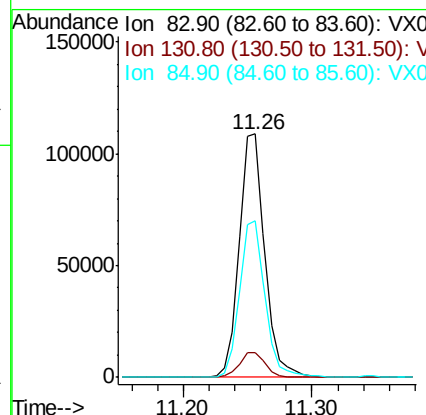
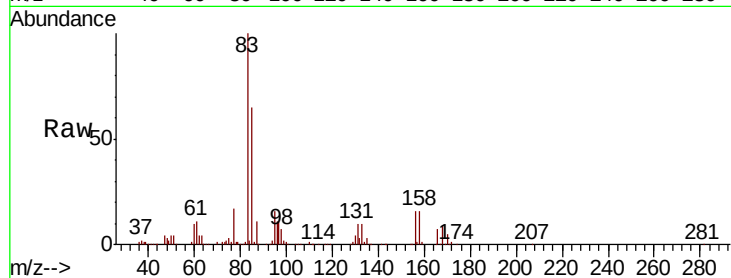
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	150099
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.3	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 49.097 ug/l m

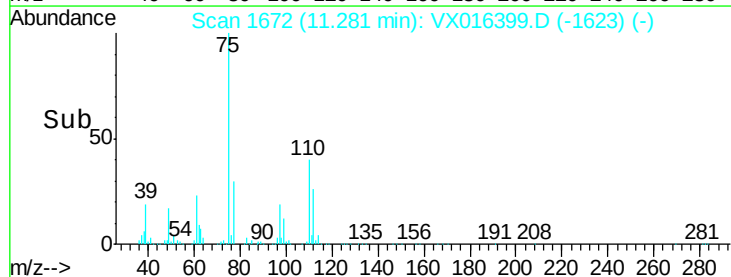
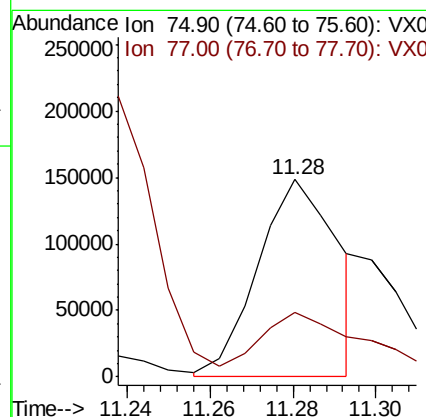
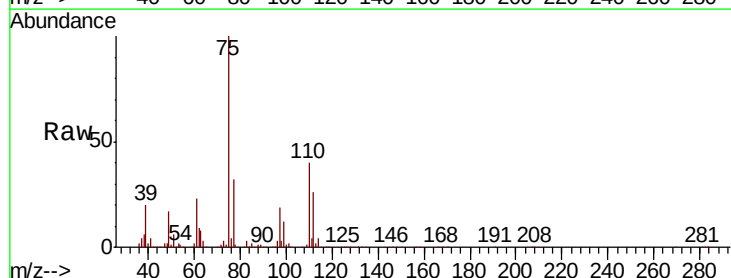
RT: 11.28 min Scan# 1672

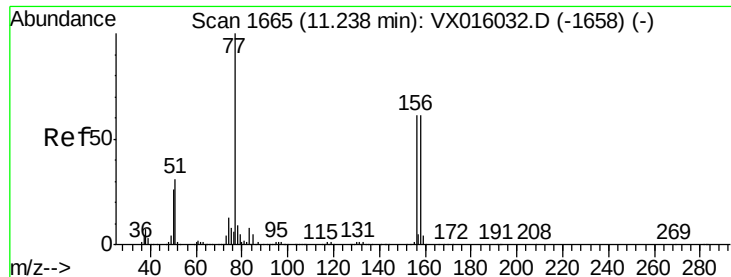
Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion:	75	Resp:	198943
Ion Ratio	Lower	Upper	
75	100		
77	42.7	21.2	63.6





#77

Bromobenzene

Concen: 50.092 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

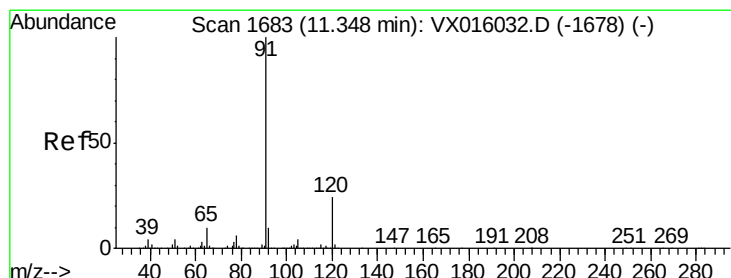
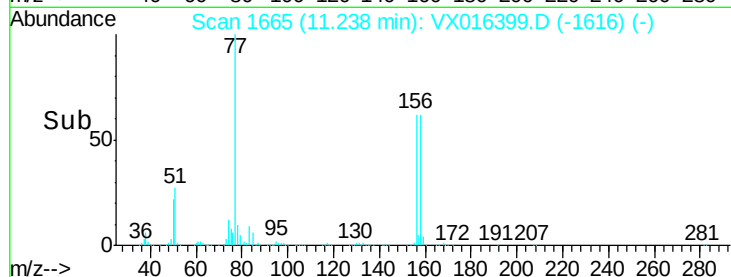
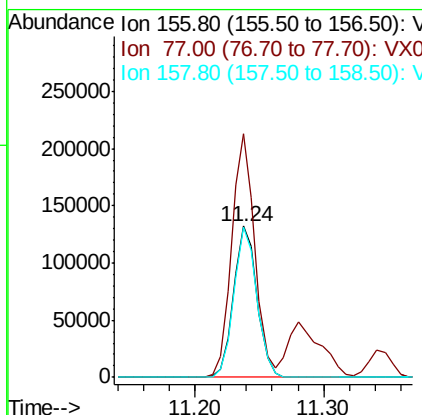
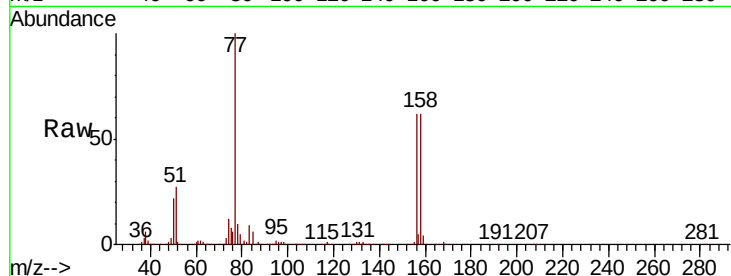
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	167925
Ion Ratio	Lower	Upper	
156	100		
77	158.8	80.1	240.3
158	97.3	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 49.471 ug/l

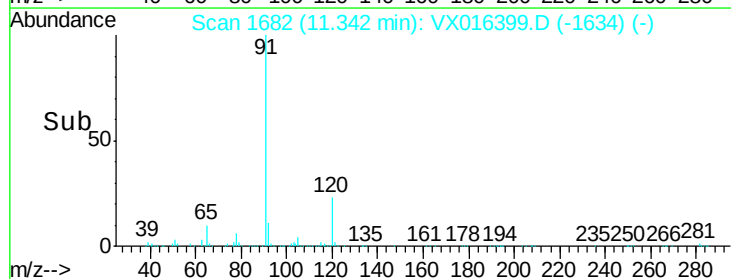
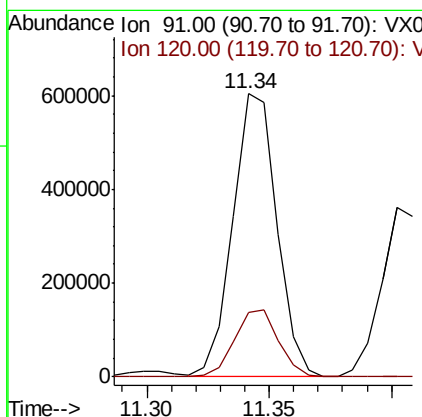
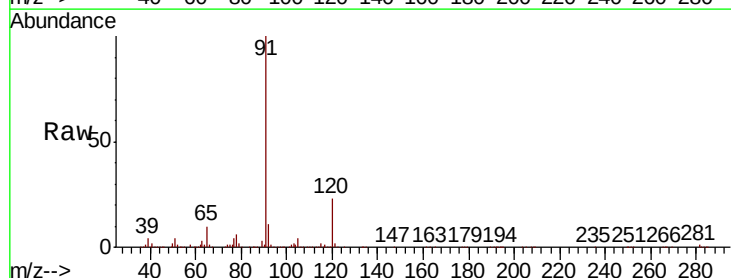
RT: 11.34 min Scan# 1682

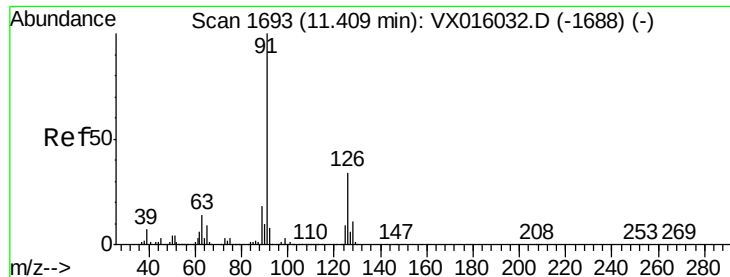
Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion:	91	Resp:	747476
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.5





#79

2-Chlorotoluene

Concen: 50.784 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 452923

Ion Ratio Lower Upper

91 100

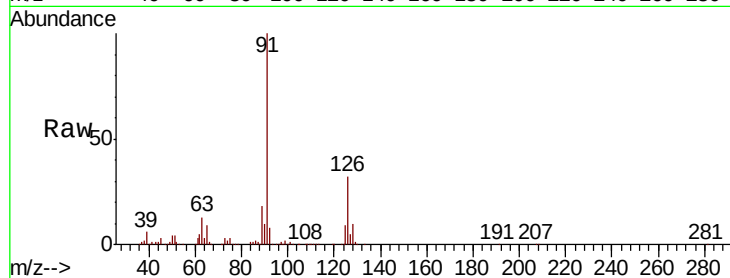
126 33.7 16.9 50.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)

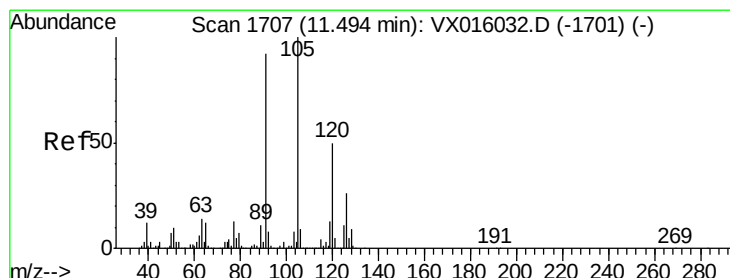
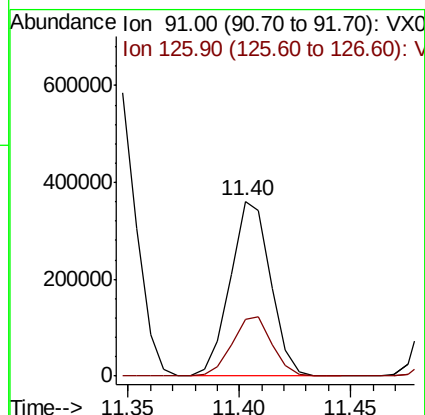
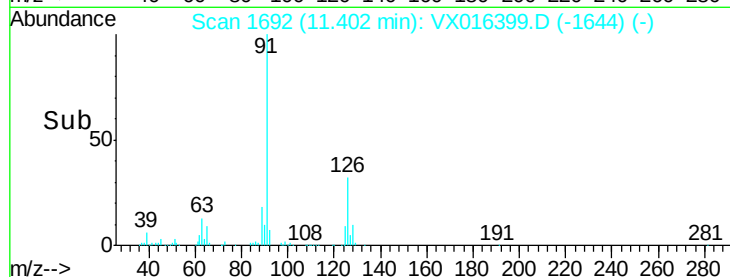
600000

400000

200000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 51.879 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016399.D

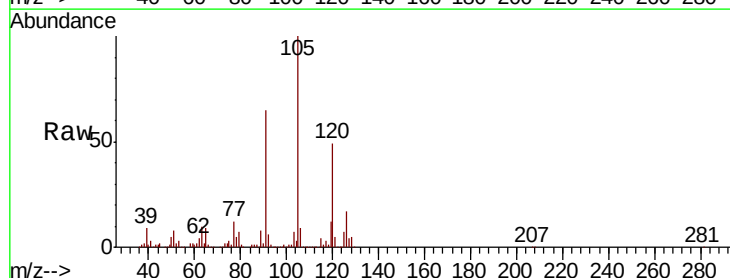
Acq: 22 May 2020 09:53

Tgt Ion: 105 Resp: 568907

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

500000

400000

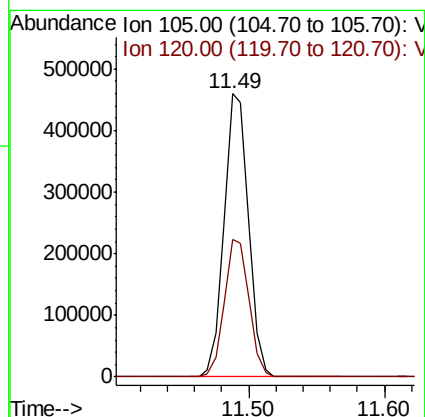
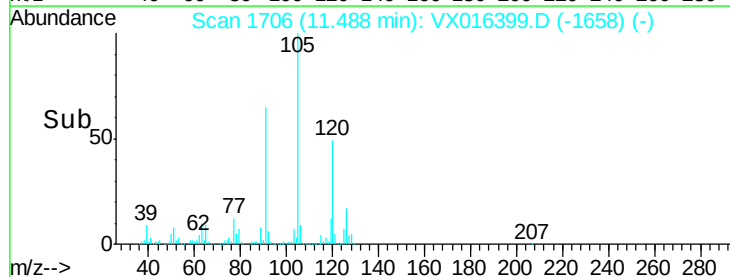
300000

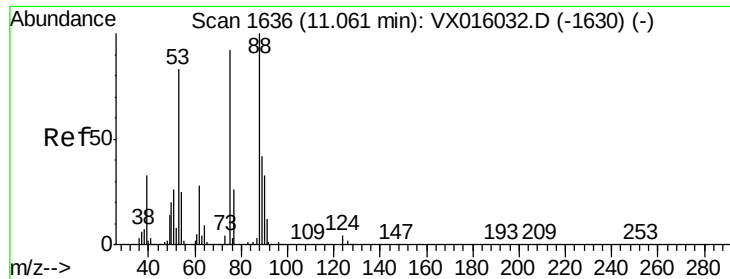
200000

100000

0

11.50 11.60





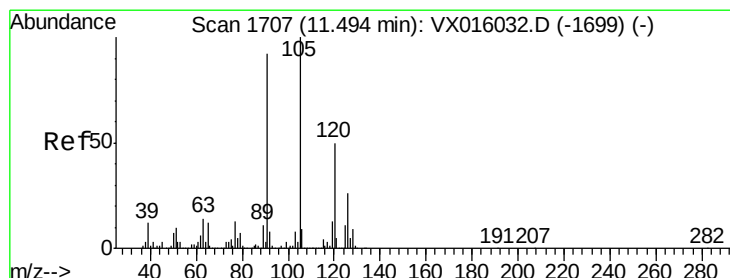
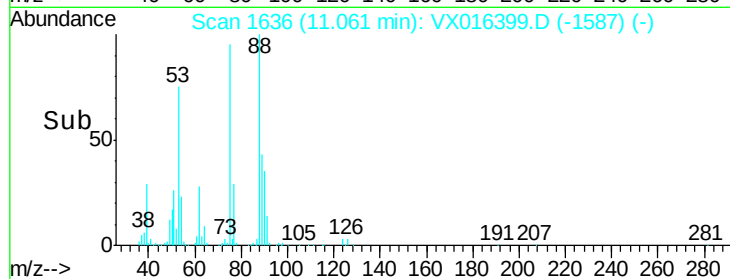
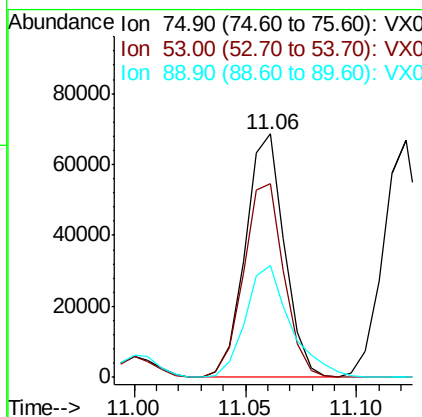
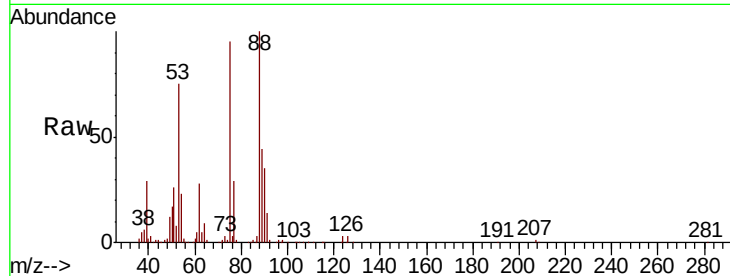
#81
trans-1,4-Dichloro-2-butene
Concen: 49.194 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.6	73.1	109.7
89	53.3	36.7	55.1

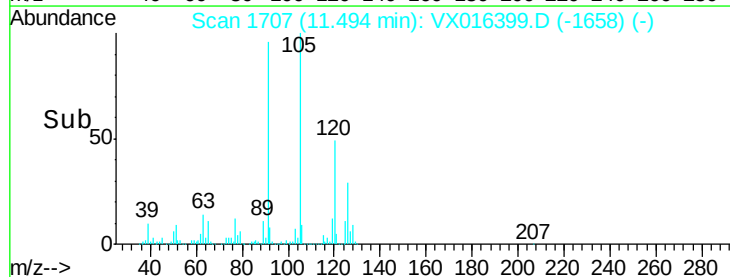
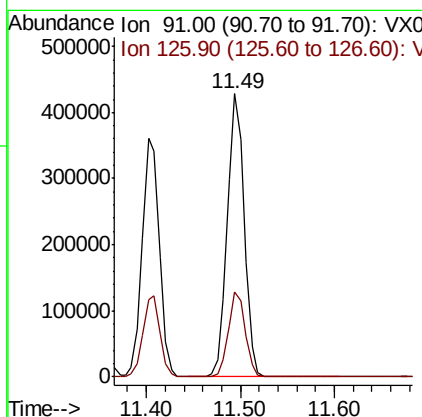
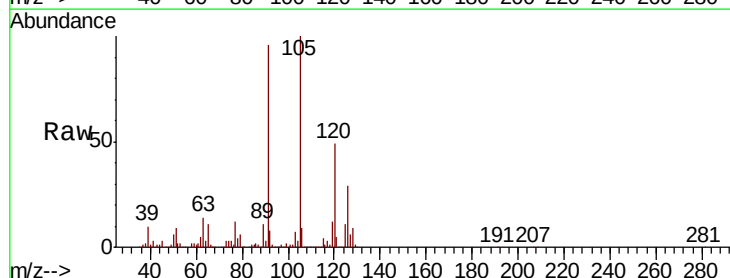
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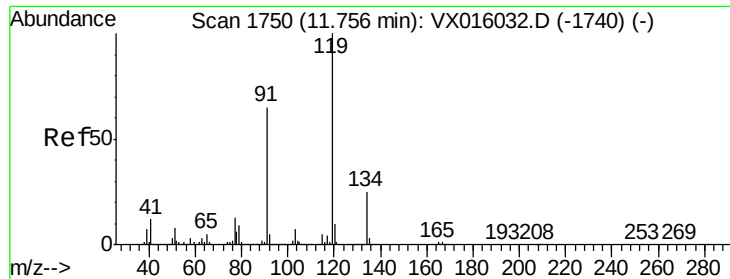
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5/26/2020 11:44:05 AM



#82
4-Chlorotoluene
Concen: 50.892 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.8	44.3





#83

tert-Butylbenzene

Concen: 50.206 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016399.D

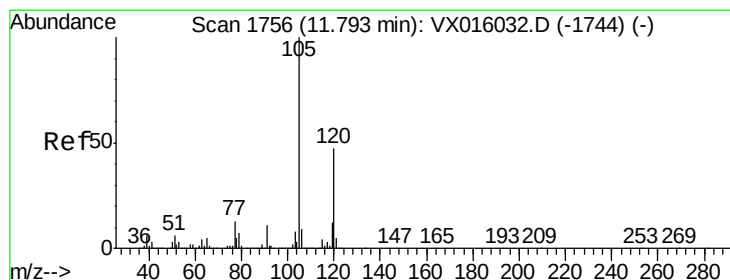
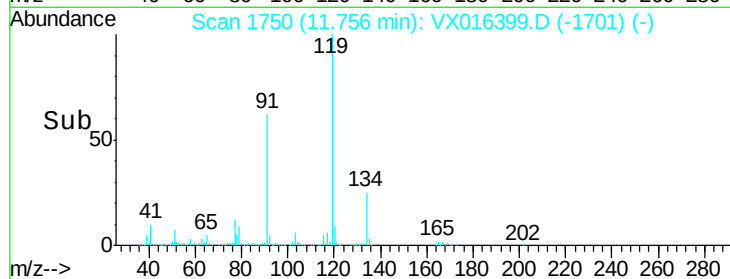
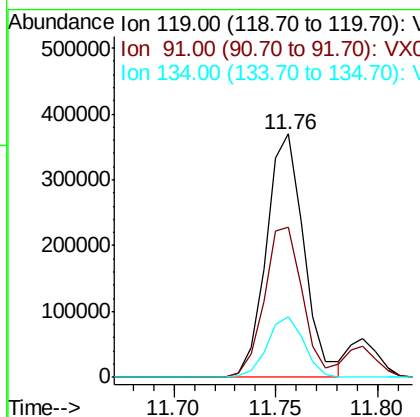
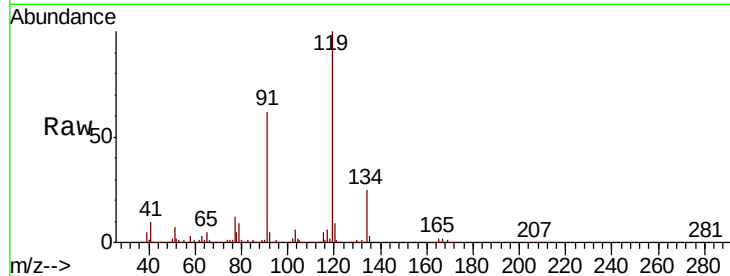
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	32.8	98.4
134	24.2	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 51.385 ug/l

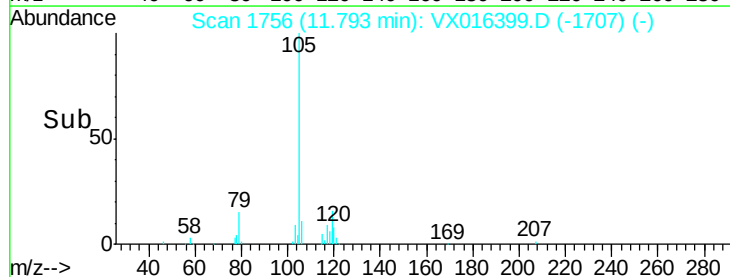
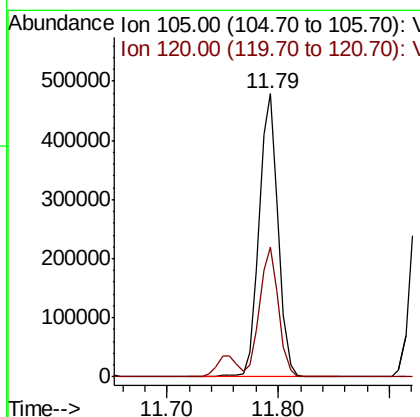
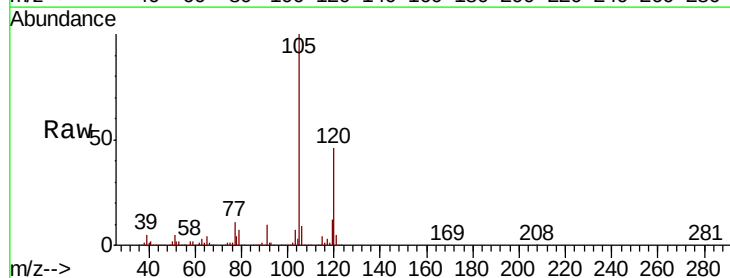
RT: 11.79 min Scan# 1756

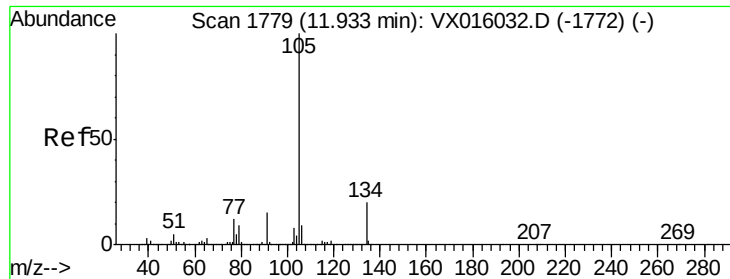
Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 46.934 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 598871

Ion Ratio Lower Upper

105 100

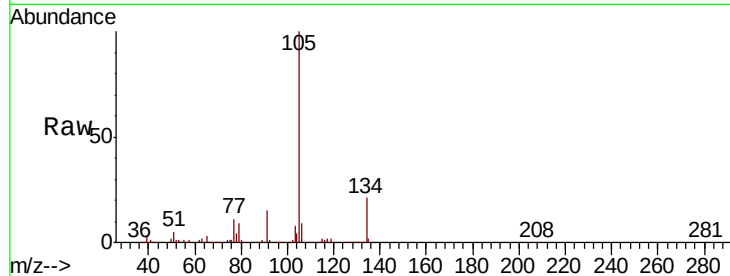
134 20.5 10.1 30.3

Manual Integrations

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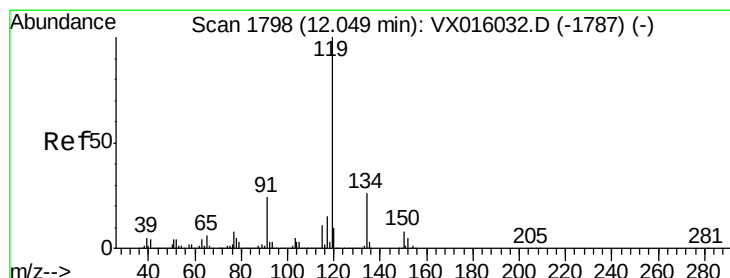
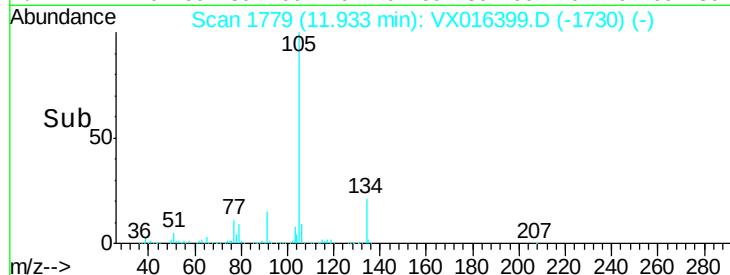
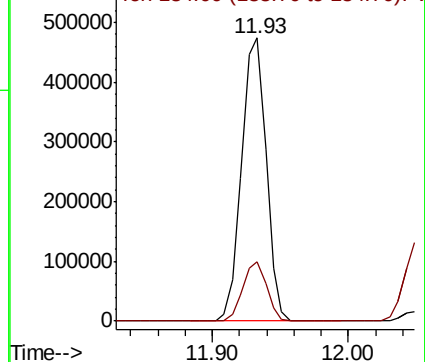
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.292 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

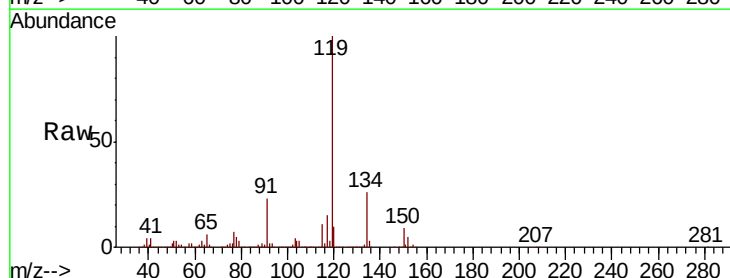
Tgt Ion:119 Resp: 572110

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

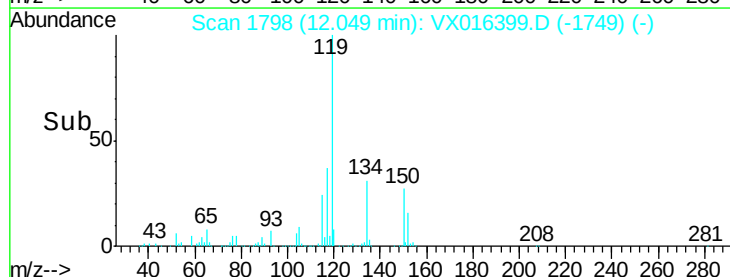
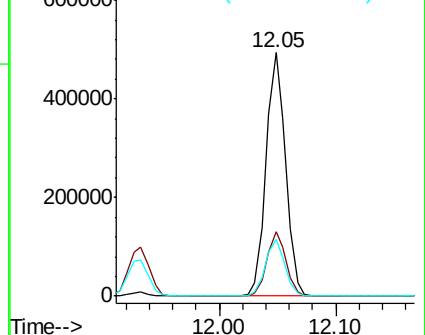
91 23.2 11.8 35.4

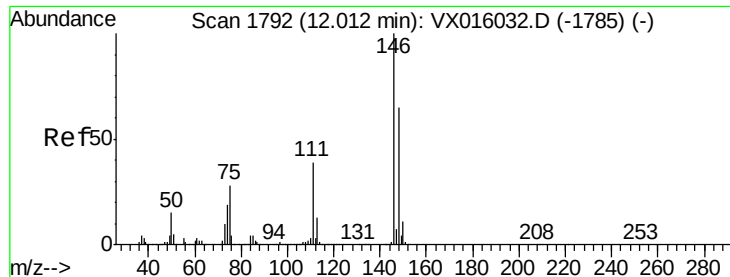


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.704 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Instrument :

MSVOA_X

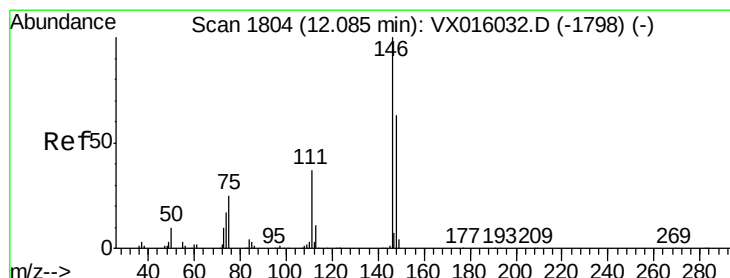
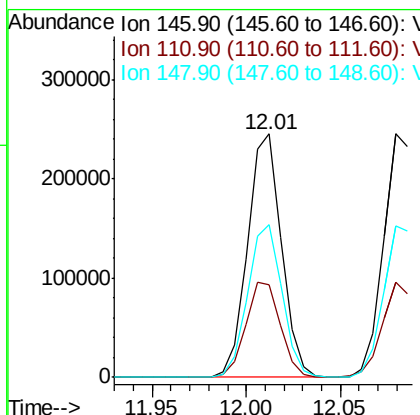
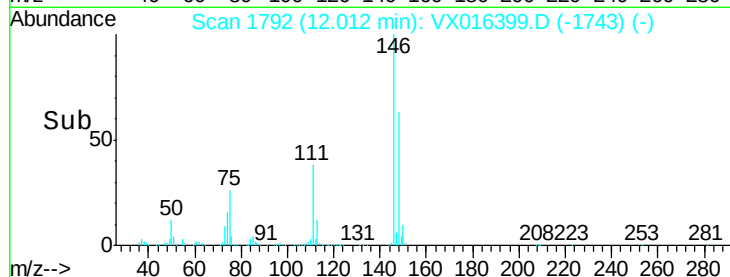
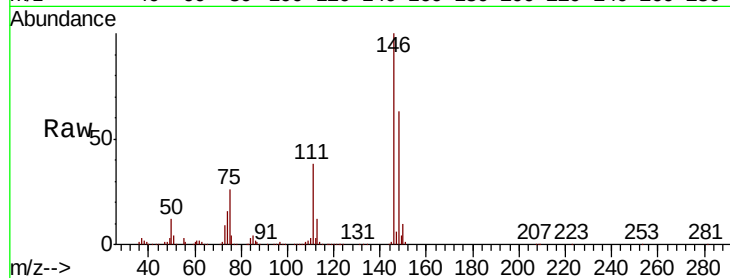
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	305205
Ion Ratio		Lower	Upper
146	100		
111	40.0	20.2	60.6
148	63.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.471 ug/l

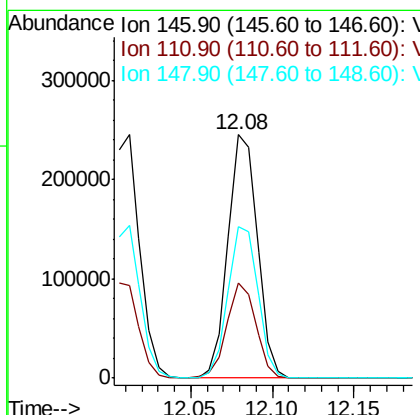
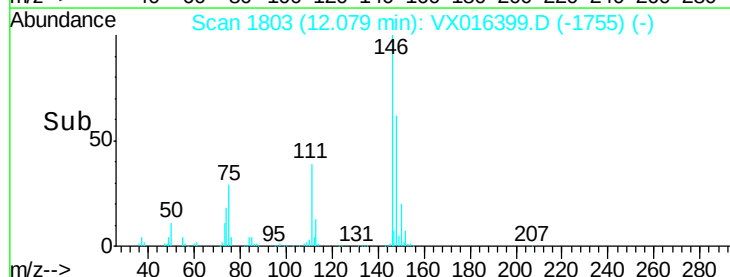
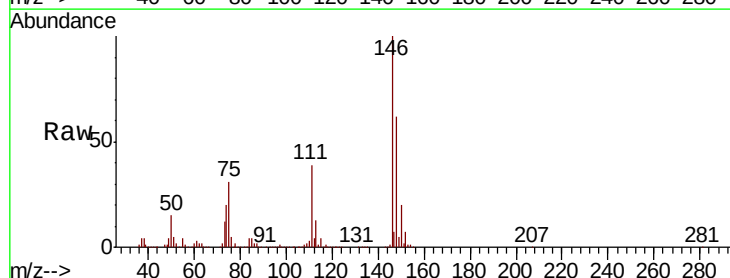
RT: 12.08 min Scan# 1803

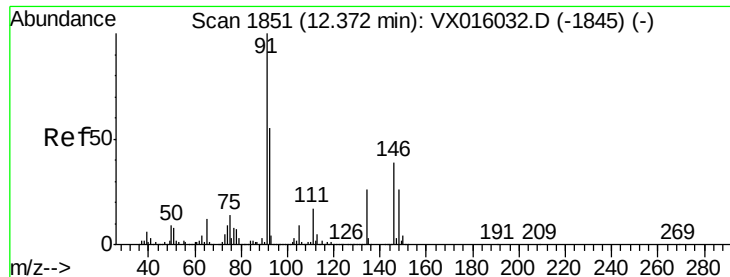
Delta R.T. -0.01 min

Lab File: VX016399.D

Acq: 22 May 2020 09:53

Tgt Ion:	146	Resp:	308350
Ion Ratio		Lower	Upper
146	100		
111	38.6	19.6	58.7
148	63.3	31.8	95.3





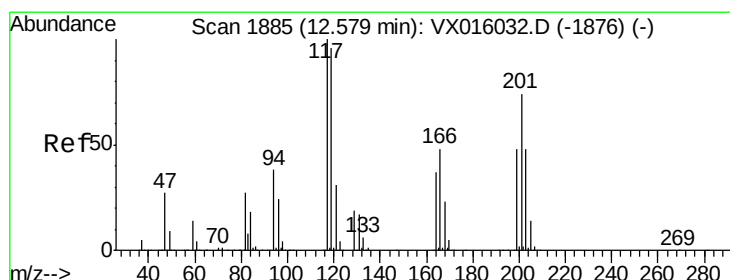
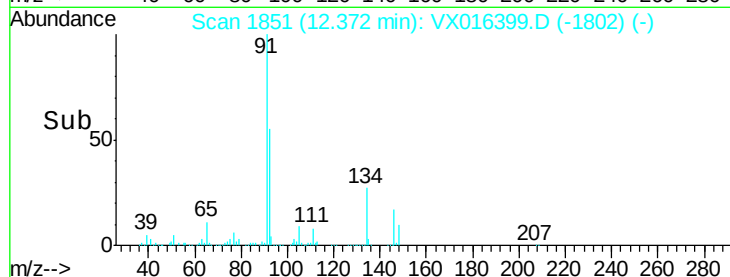
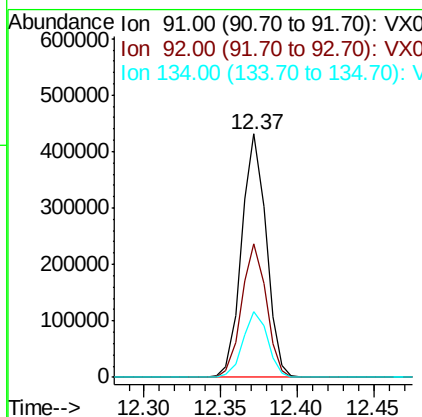
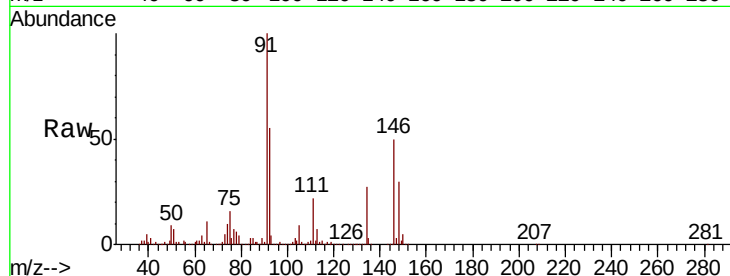
#89
n-Butylbenzene
Concen: 44.391 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.0	27.6	82.7	
134	27.3	13.4	40.1	

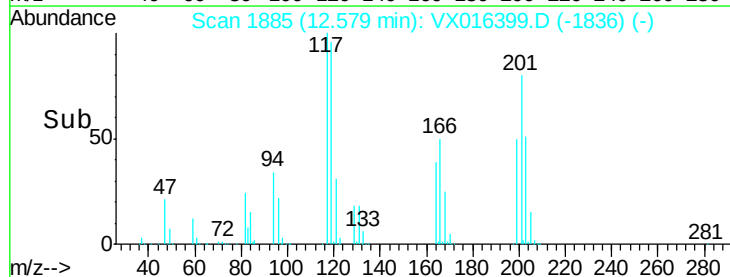
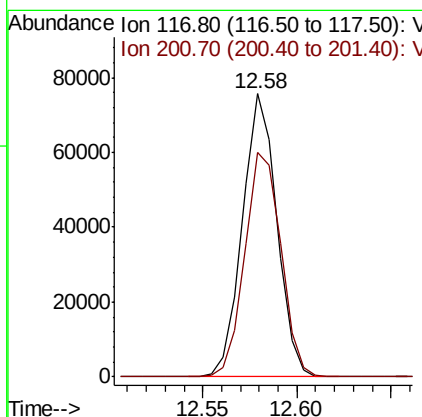
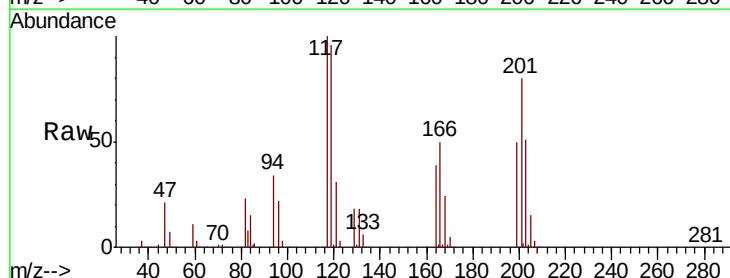
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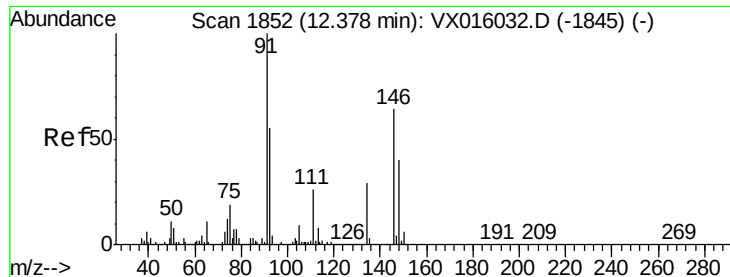
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#90
Hexachloroethane
Concen: 47.080 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.4	39.8	119.3	





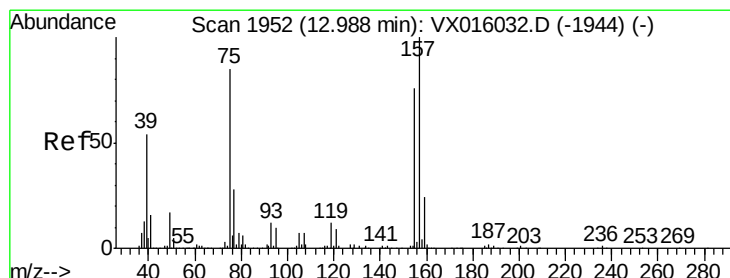
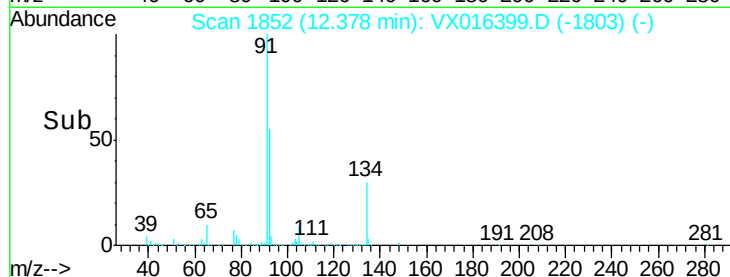
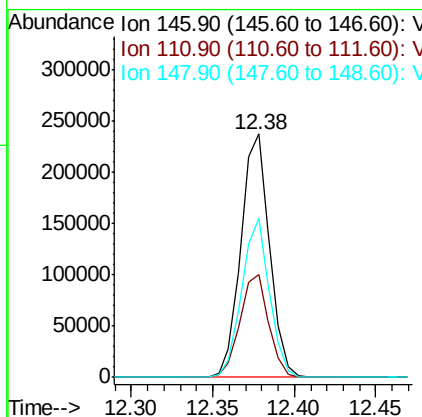
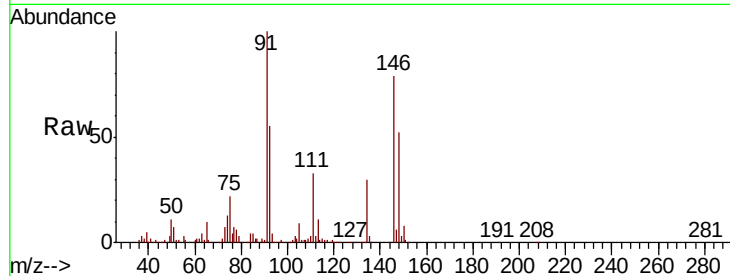
#91
 1,2-Dichlorobenzene
 Concen: 50.252 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	291262		
111	42.3	21.1	63.1	
148	63.6	32.4	97.0	

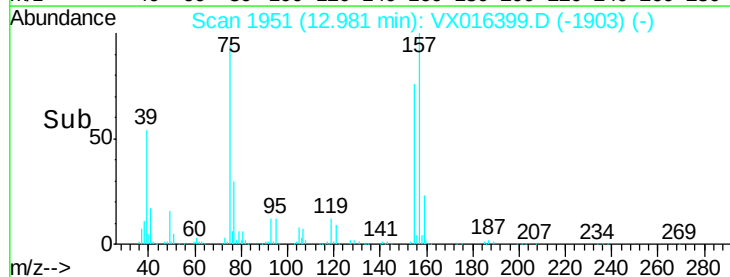
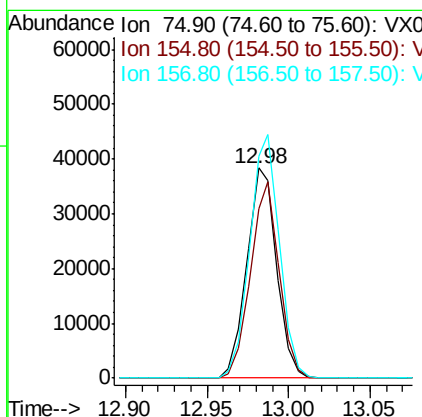
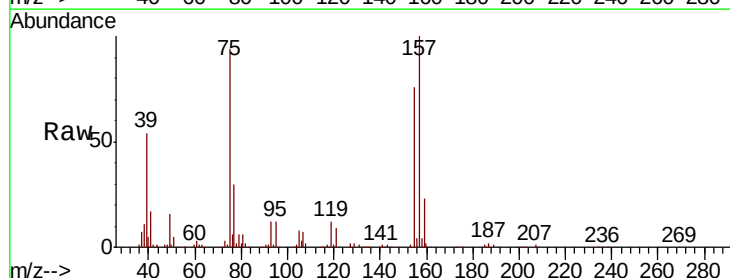
Manual Integrations
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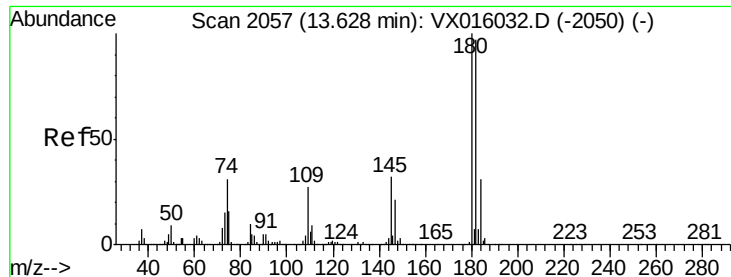
MMDadoda
 5/26/2020 11:44:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.760 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48869		
155	89.6	42.5	127.5	
157	115.3	55.3	165.8	





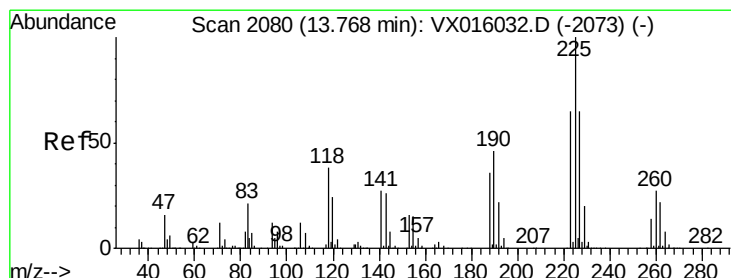
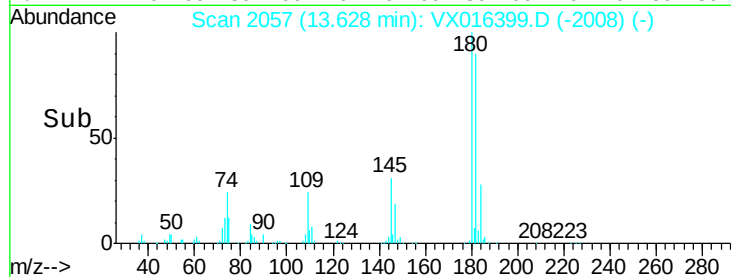
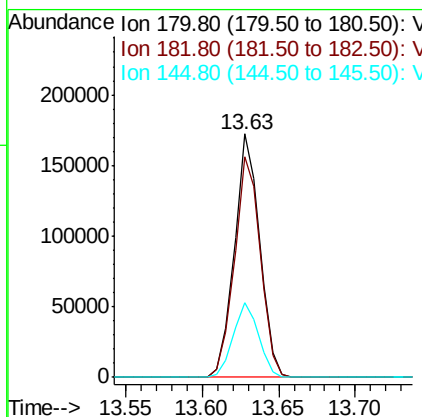
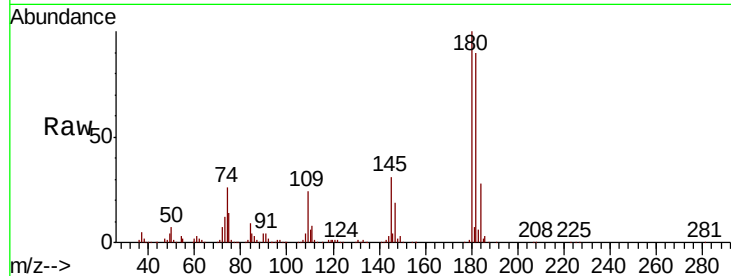
#93
 1,2,4-Trichlorobenzene
 Concen: 45.926 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	197076		
182	92.8	48.7	146.1	
145	30.9	15.7	47.1	

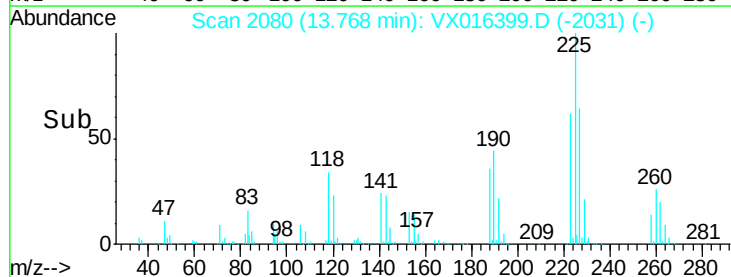
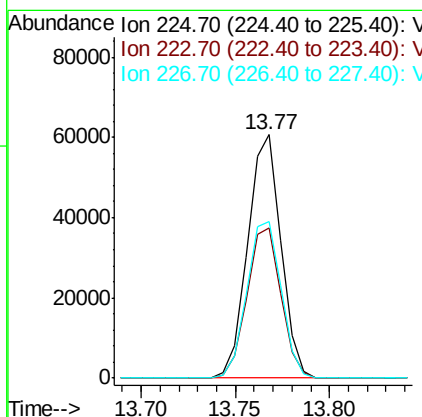
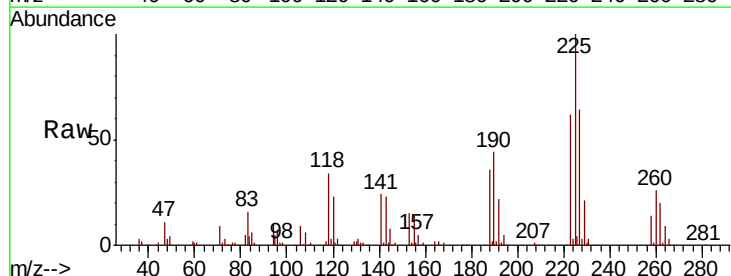
Manual Integrations
 APPROVED

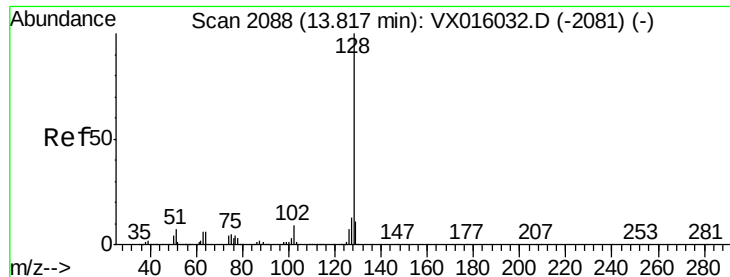
MMDadoda
 5/26/2020 11:44:05 AM



#94
 Hexachlorobutadiene
 Concen: 40.203 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016399.D
 Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74093		
223	63.4	32.3	96.9	
227	66.7	31.8	95.4	





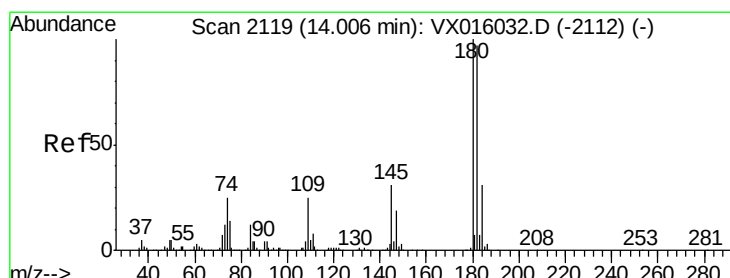
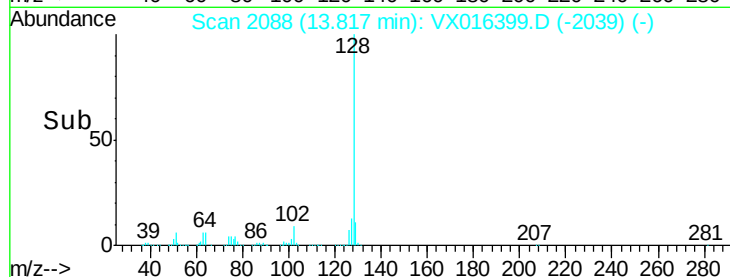
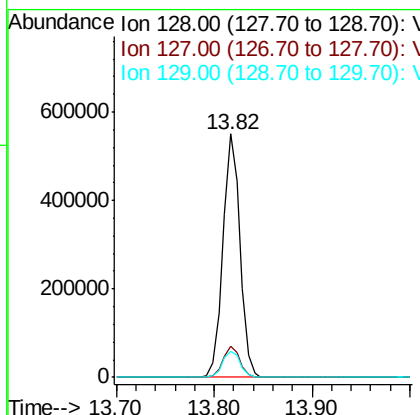
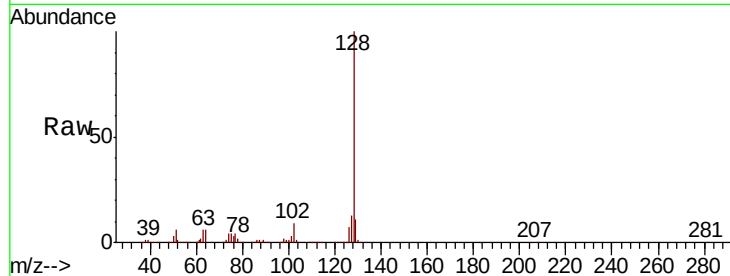
#95
Naphthalene
Concen: 47.727 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	663154		
127	12.9		10.2	15.4
129	11.1		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/26/2020 11:44:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.548 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016399.D
Acq: 22 May 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191015		
182	93.8		48.4	145.0
145	32.1		16.4	49.1

