

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016518.D
 Acq On : 01 Jun 2020 10:56
 Operator : JC/SP
 Sample : VX0601WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:35:01 AM

Quant Time: Jun 02 01:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	315014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181465	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	5.46	113	142649	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.70	98	569894	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.12	95	211867	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	58283	18.800	ug/l	95
3) Chloromethane	1.31	50	68830	18.373	ug/l	98
4) Vinyl Chloride	1.39	62	73455	18.541	ug/l	99
5) Bromomethane	1.63	94	45387	23.561	ug/l	99
6) Chloroethane	1.72	64	45031	19.485	ug/l	97
7) Trichlorofluoromethane	1.92	101	99416	19.107	ug/l	99
8) Diethyl Ether	2.17	74	40380	18.612	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56346	19.677	ug/l	98
10) Methyl Iodide	2.49	142	55393	18.257	ug/l	99
11) Tert butyl alcohol	3.00	59	83317	83.053	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56879	18.765	ug/l	99
13) Acrolein	2.27	56	39604	92.806	ug/l	95
14) Allyl chloride	2.71	41	102468	18.382	ug/l	99
15) Acrylonitrile	3.11	53	181932	88.534	ug/l	98
16) Acetone	2.42	43	146055	85.215	ug/l	98
17) Carbon Disulfide	2.55	76	165392	18.374	ug/l	99
18) Methyl Acetate	2.75	43	79460	18.076	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	205319	18.864	ug/l	99
20) Methylene Chloride	2.83	84	66073	18.633	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	63383	18.905	ug/l	95
22) Diisopropyl ether	3.82	45	200914	18.762	ug/l	92
23) Vinyl Acetate	3.78	43	871350	92.961	ug/l	99
24) 1,1-Dichloroethane	3.67	63	113793	18.827	ug/l	99
25) 2-Butanone	4.63	43	248004	85.394	ug/l	98
26) 2,2-Dichloropropane	4.54	77	105269	21.285	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71602	18.460	ug/l	98
28) Bromochloromethane	4.98	49	47810	17.022	ug/l	96
29) Tetrahydrofuran	5.09	42	166602	88.794	ug/l	98
30) Chloroform	5.17	83	114700	18.834	ug/l	98
31) Cyclohexane	5.54	56	99862	18.365	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	103639	18.797	ug/l	100
36) 1,1-Dichloropropene	5.77	75	87787	19.175	ug/l	99
37) Ethyl Acetate	4.79	43	96493	17.556	ug/l	98
38) Carbon Tetrachloride	5.75	117	91384	18.994	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:35:01 AM

Quant Time: Jun 02 01:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99662	20.042	ug/l	96
40) Benzene	6.11	78	259848	19.060	ug/l	98
41) Methacrylonitrile	5.00	41	53405	17.689	ug/l	100
42) 1,2-Dichloroethane	6.16	62	91564	18.885	ug/l	100
43) Isopropyl Acetate	6.40	43	152139	17.746	ug/l	98
44) Trichloroethene	7.19	130	86851	20.078	ug/l	95
45) 1,2-Dichloropropane	7.49	63	66607	19.191	ug/l	97
46) Dibromomethane	7.63	93	43213	18.537	ug/l	99
47) Bromodichloromethane	7.87	83	90708	18.792	ug/l	100
48) Methyl methacrylate	7.74	41	72463	17.653	ug/l	97
49) 1,4-Dioxane	7.71	88	32223	335.425	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	484551	90.768	ug/l	100
52) Toluene	8.76	92	169069	19.666	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	105392	19.202	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	112577	19.378	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	64788	18.954	ug/l	96
56) Ethyl methacrylate	9.16	69	103847	18.654	ug/l	99
57) 1,3-Dichloropropane	9.35	76	110280	18.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	243365	83.753	ug/l	98
59) 2-Hexanone	9.47	43	370489	89.245	ug/l	98
60) Dibromochloromethane	9.56	129	72348	18.808	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67115	18.335	ug/l	99
64) Tetrachloroethene	9.32	164	101408	20.729	ug/l	99
65) Chlorobenzene	10.12	112	174043	19.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	65687	19.303	ug/l	99
67) Ethyl Benzene	10.23	91	312958	19.718	ug/l	99
68) m/p-Xylenes	10.34	106	235340	39.992	ug/l	100
69) o-Xylene	10.68	106	112067	19.664	ug/l	98
70) Styrene	10.70	104	191411	19.540	ug/l	99
71) Bromoform	10.84	173	55130	19.170	ug/l #	98
73) Isopropylbenzene	11.00	105	300662	19.959	ug/l	100
74) N-amyl acetate	10.88	43	129701	18.718	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	64446	17.070	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	93331m	19.530	ug/l	
77) Bromobenzene	11.24	156	77623	19.646	ug/l	98
78) n-propylbenzene	11.34	91	331400	19.691	ug/l	99
79) 2-Chlorotoluene	11.40	91	203124	19.773	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	252000	20.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	36253	18.661	ug/l	96
82) 4-Chlorotoluene	11.49	91	239138	19.713	ug/l	99
83) tert-Butylbenzene	11.76	119	212960	19.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	254639	20.018	ug/l	100
85) sec-Butylbenzene	11.93	105	271039	20.103	ug/l	99
86) p-Isopropyltoluene	12.05	119	256603	20.318	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134426	19.638	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	136707	19.528	ug/l	98
89) n-Butylbenzene	12.37	91	213275	20.274	ug/l	98
90) Hexachloroethane	12.58	117	43119	19.766	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	133009	20.056	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21446	17.538	ug/l	99

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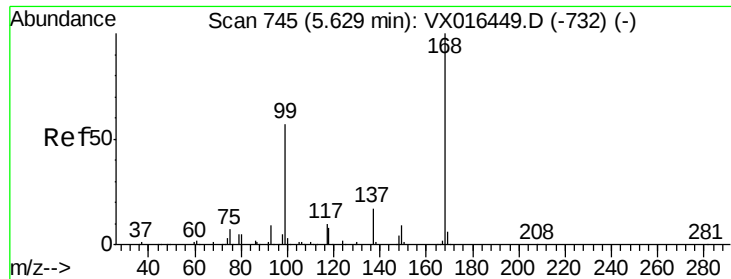
Manual Integrations
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 6/2/2020 11:35:01 AM

Quant Time: Jun 02 01:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85477	19.407	ug/l	98
94) Hexachlorobutadiene	13.76	225	39046	22.579	ug/l	95
95) Naphthalene	13.82	128	291711	19.320	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	85947	19.918	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion:168 Resp: 315014

Ion Ratio Lower Upper

168 100

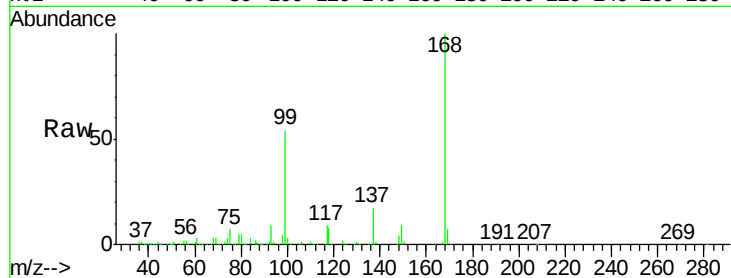
99 54.1 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

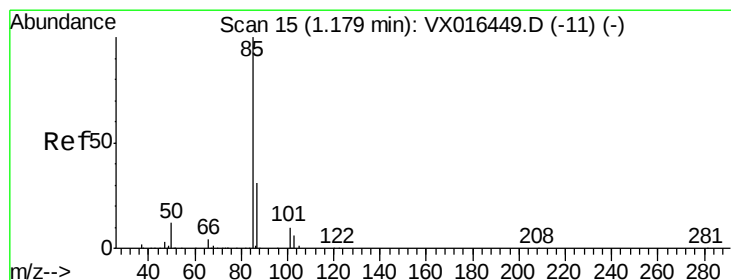
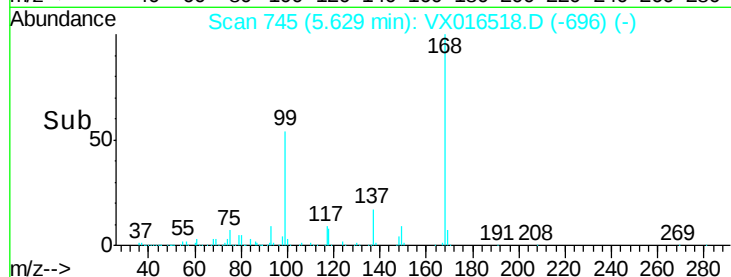
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.800 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016518.D

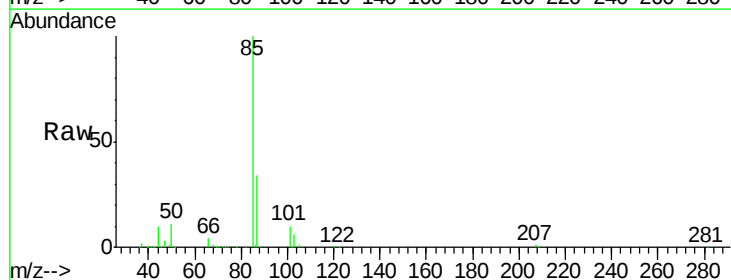
Acq: 01 Jun 2020 10:56

Tgt Ion: 85 Resp: 58283

Ion Ratio Lower Upper

85 100

87 33.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

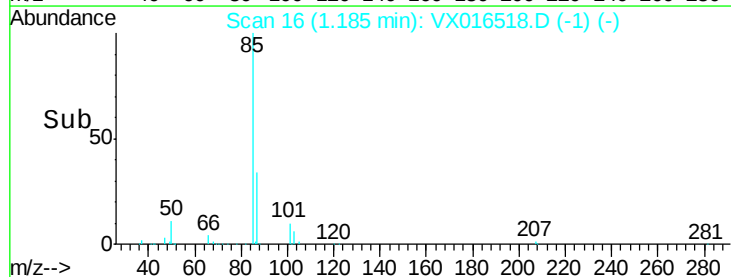
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40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.373 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion: 50 Resp: 68830

Ion Ratio Lower Upper

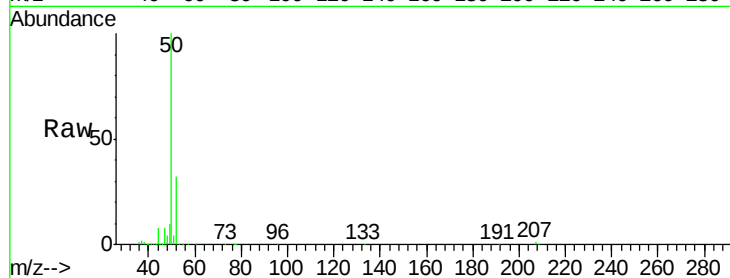
50 100

52 31.6 26.2 39.2

Manual Integrations
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MMDadoda

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

80000

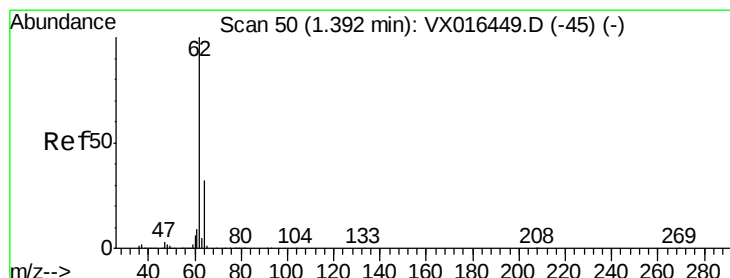
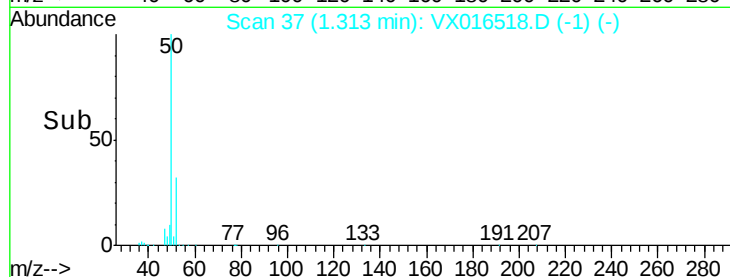
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 18.541 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016518.D

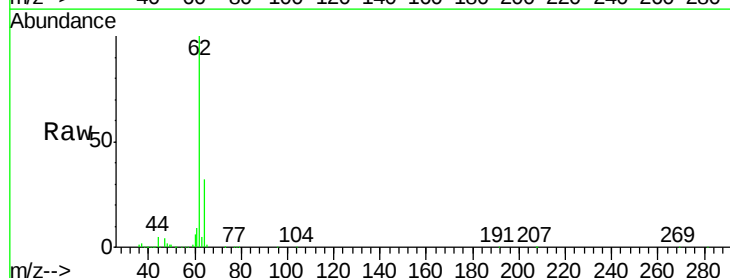
Acq: 01 Jun 2020 10:56

Tgt Ion: 62 Resp: 73455

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

80000

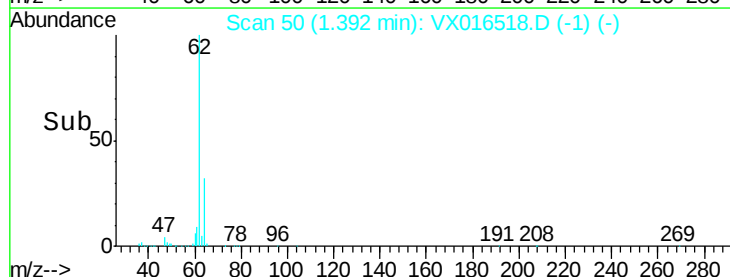
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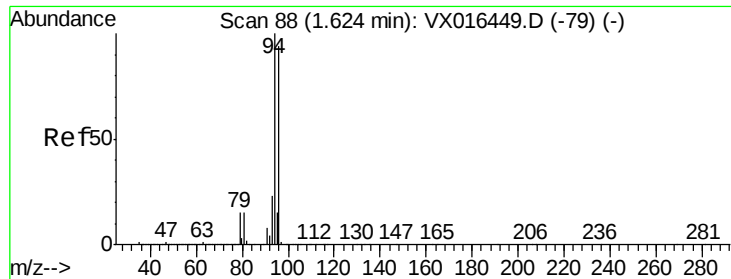
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20000

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Time-->





#5

Bromomethane

Concen: 23.561 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion: 94 Resp: 45387

Ion Ratio Lower Upper

94 100

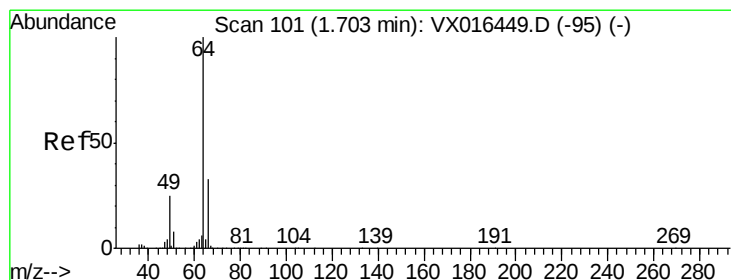
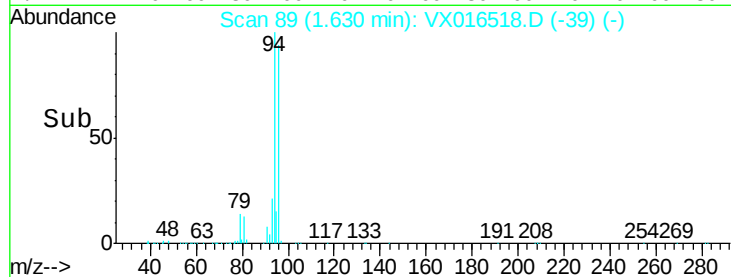
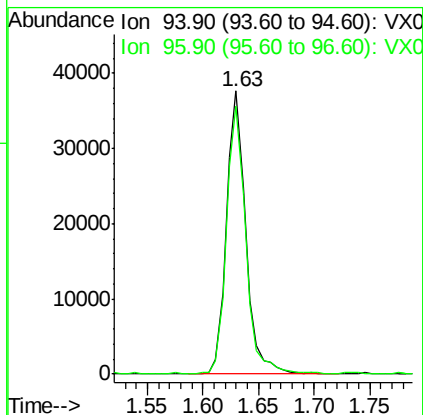
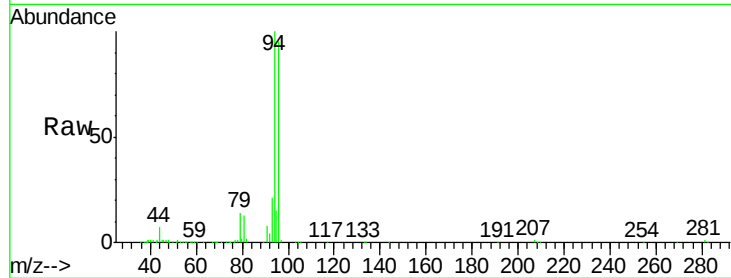
96 94.4 75.1 112.7

Manual Integrations

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6/2/2020 11:35:01 AM



#6

Chloroethane

Concen: 19.485 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016518.D

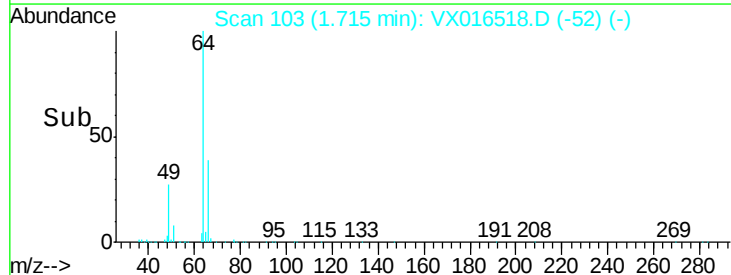
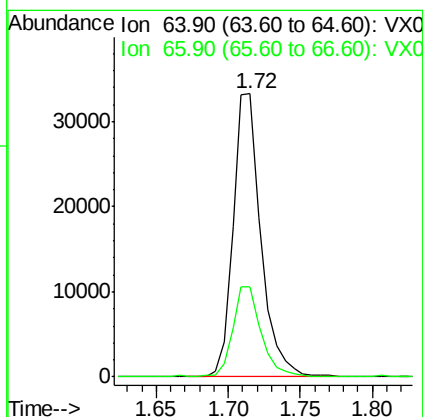
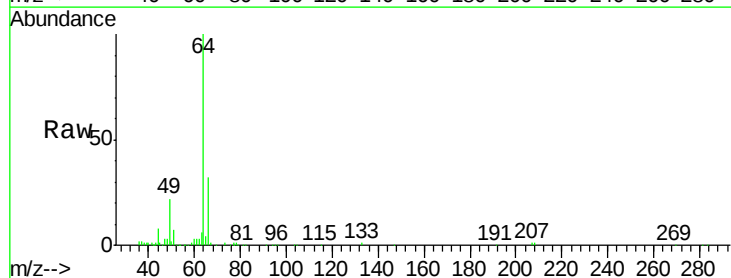
Acq: 01 Jun 2020 10:56

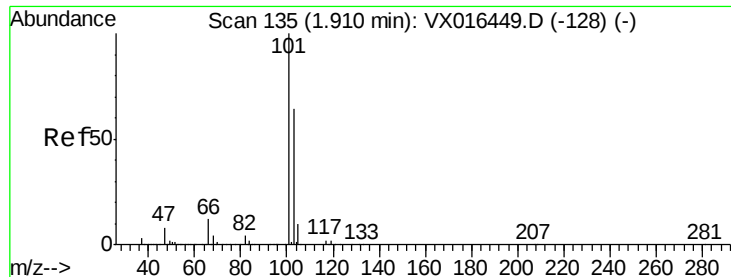
Tgt Ion: 64 Resp: 45031

Ion Ratio Lower Upper

64 100

66 31.9 26.7 40.1





#7

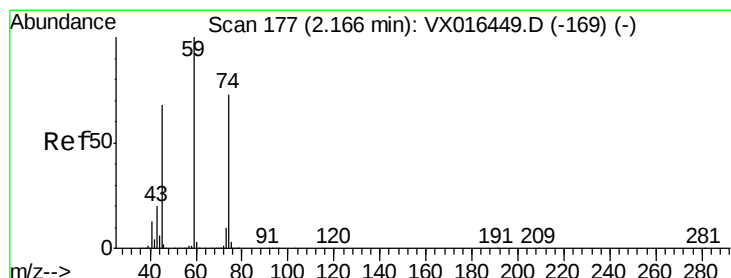
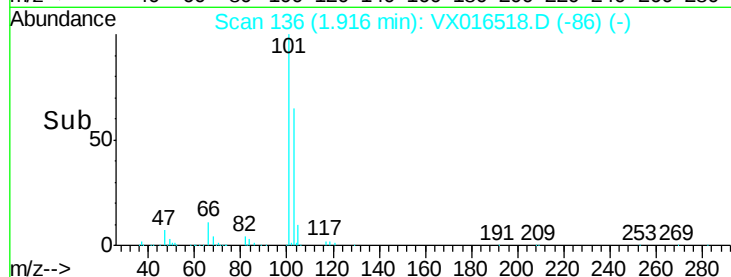
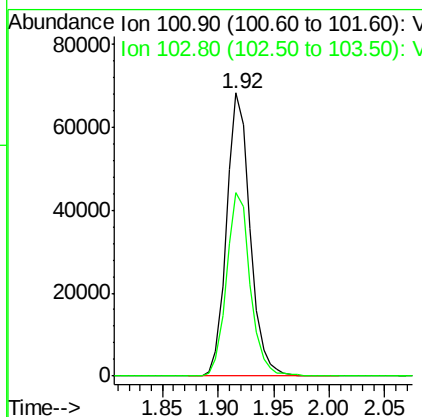
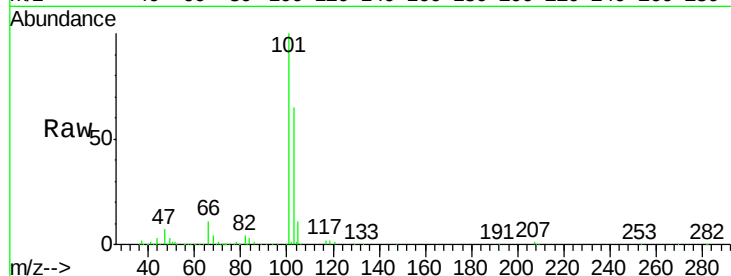
Trichlorofluoromethane
Concen: 19.107 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
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ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.9	76.3

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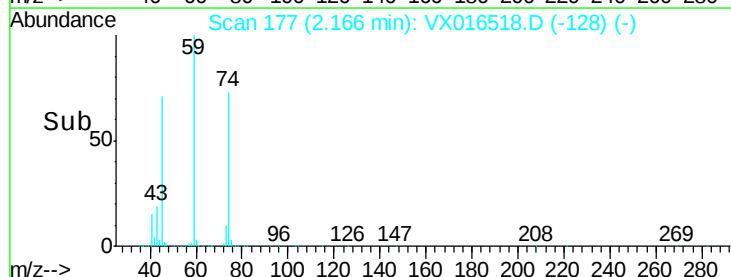
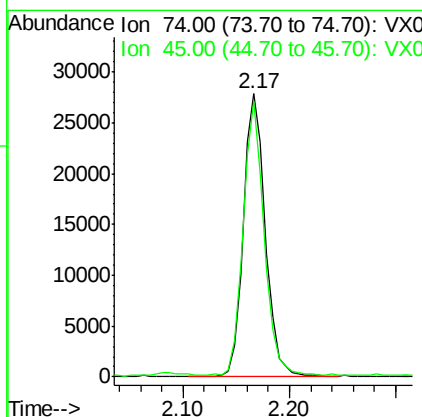
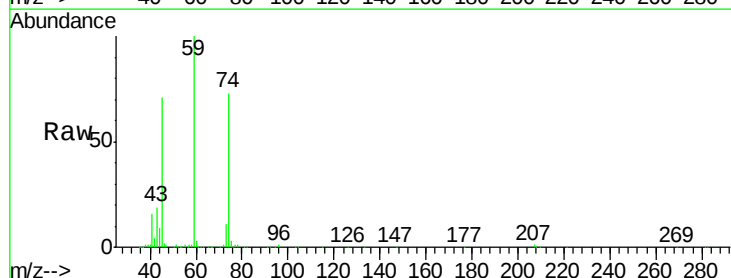
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6/2/2020 11:35:01 AM



#8

Diethyl Ether
Concen: 18.612 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.677 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

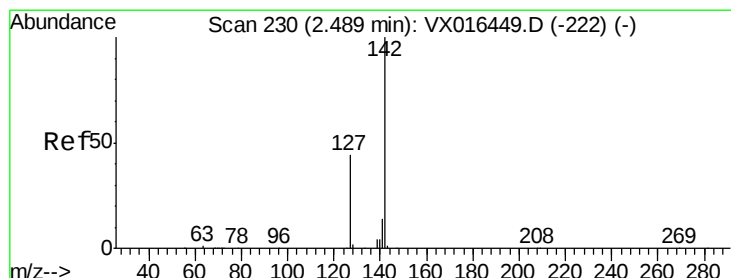
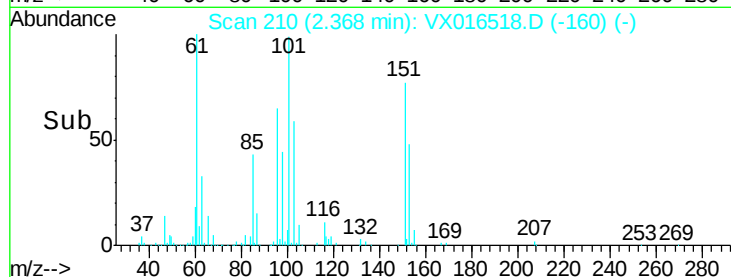
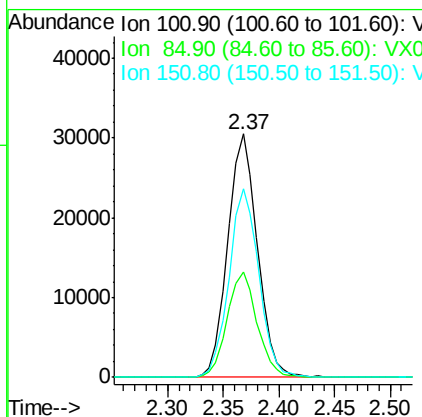
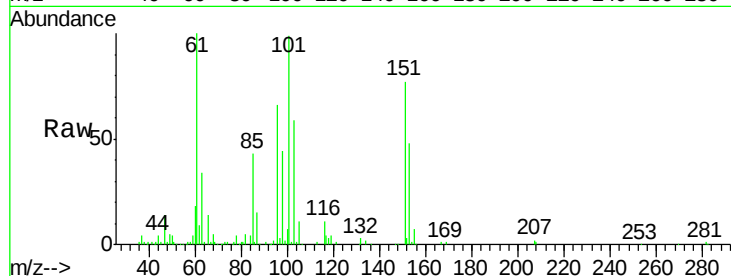
ClientSampleId :

VX0601WBS01

Tot Ion:	101	Resp:	56346
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.4	51.6
151	78.1	63.8	95.6

Manual Integrations
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6/2/2020 11:35:01 AM



#10

Methyl Iodide

Concen: 18.257 ug/l

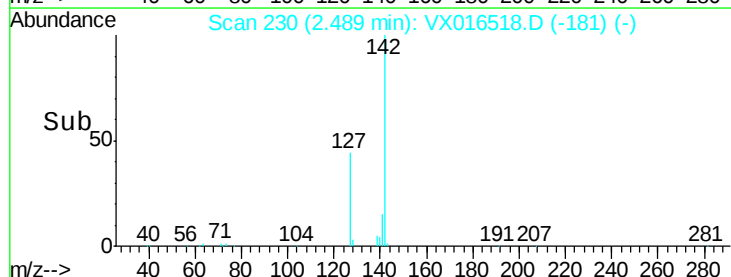
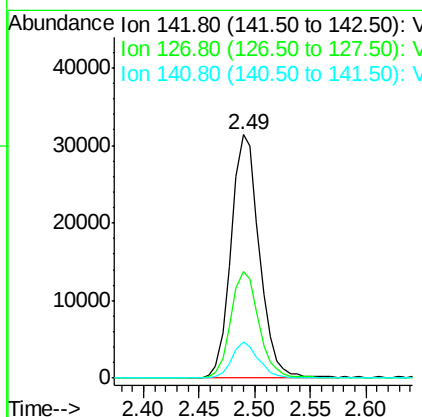
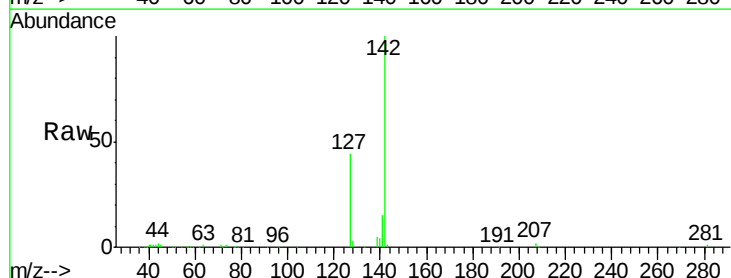
RT: 2.49 min Scan# 230

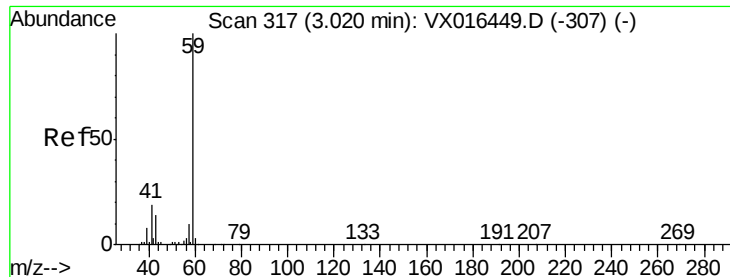
Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Tgt Ion:	142	Resp:	55393
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.3	52.9
141	14.0	11.4	17.2





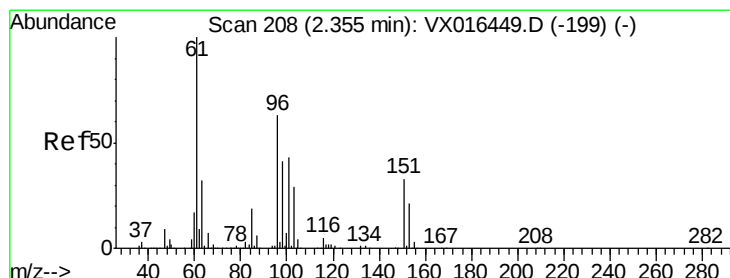
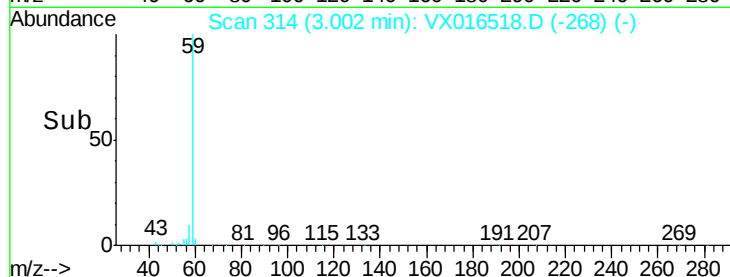
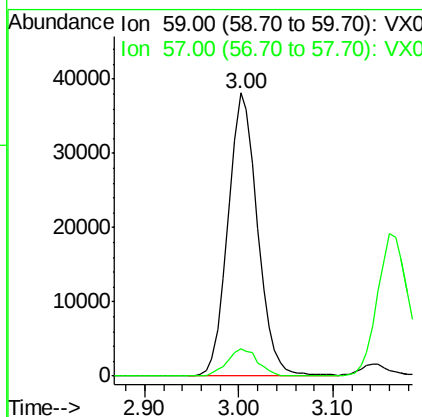
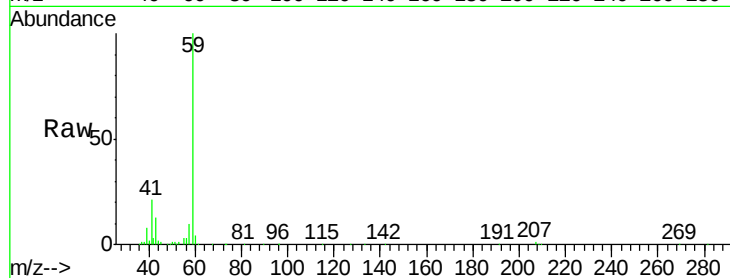
#11
Tert butyl alcohol
Concen: 83.053 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampled :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

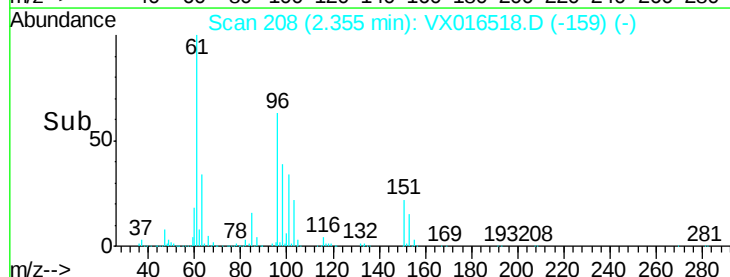
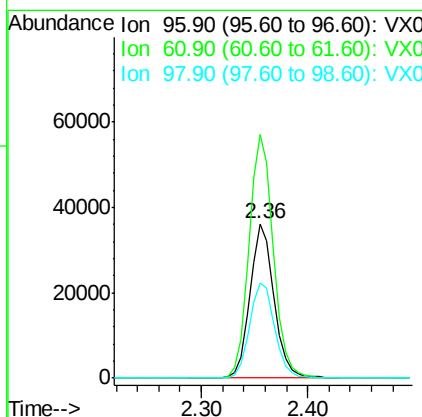
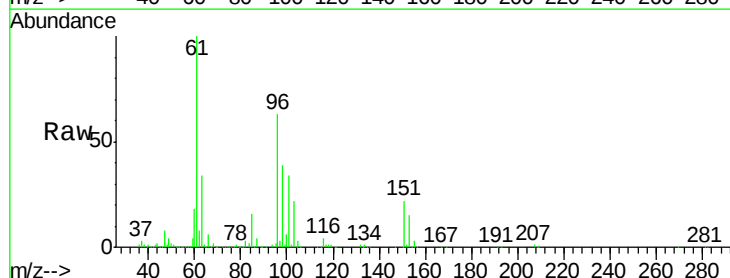
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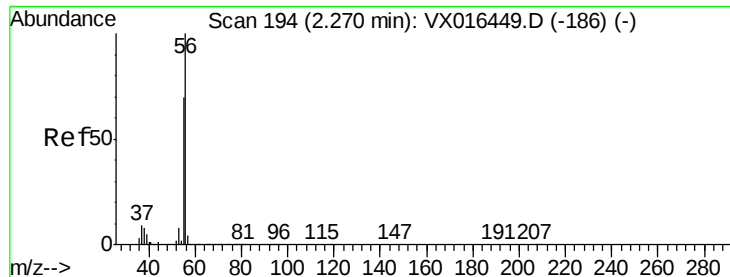
MMDadoda
6/2/2020 11:35:01 AM



#12
1,1-Dichloroethene
Concen: 18.765 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	126.6	189.8
98	61.8	51.3	76.9





#13

Acrolein

Concen: 92.806 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

Tot Ion: 56 Resp: 39604

Ion Ratio Lower Upper

56 100

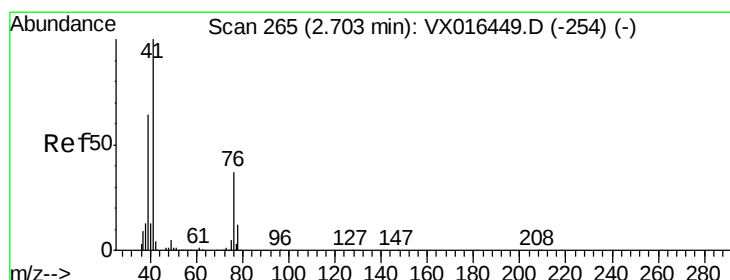
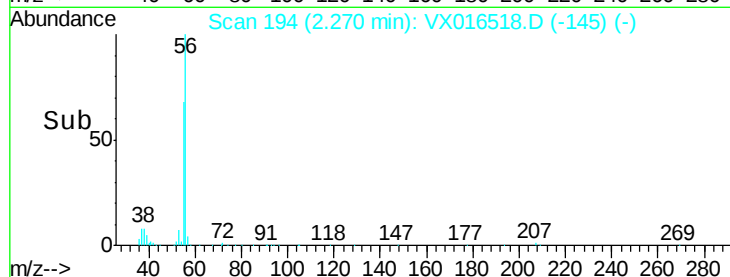
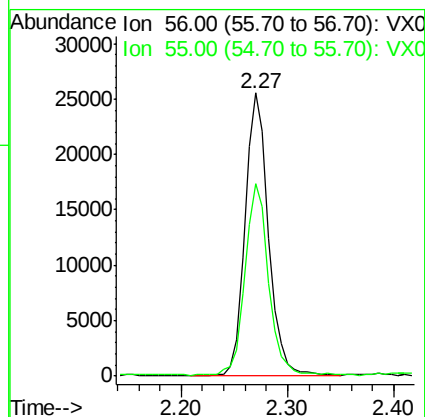
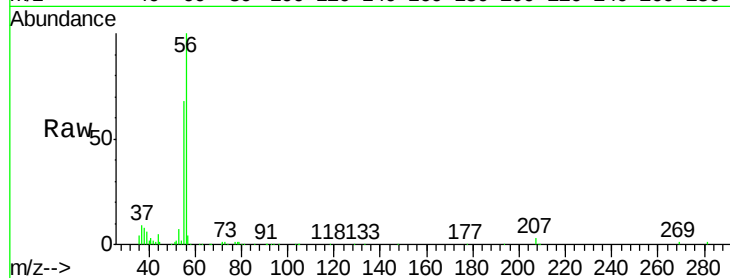
55 68.6 58.3 87.5

Manual Integrations

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#14

Allyl chloride

Concen: 18.382 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

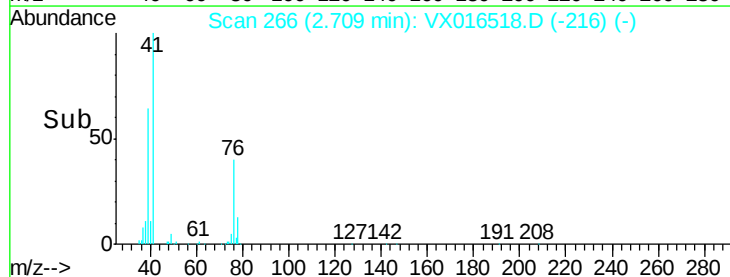
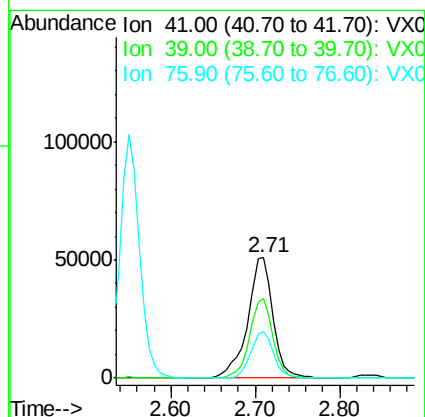
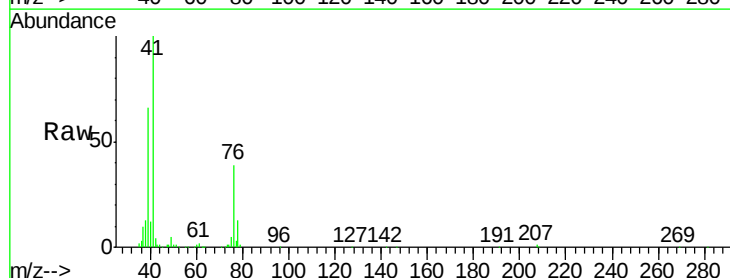
Tgt Ion: 41 Resp: 102468

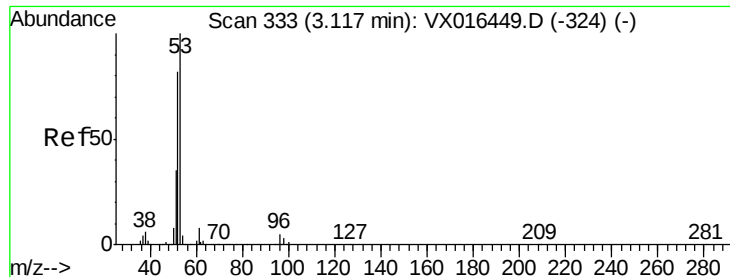
Ion Ratio Lower Upper

41 100

39 60.0 47.7 71.5

76 35.0 26.6 40.0





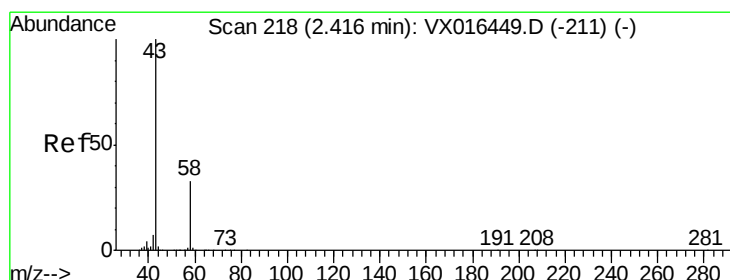
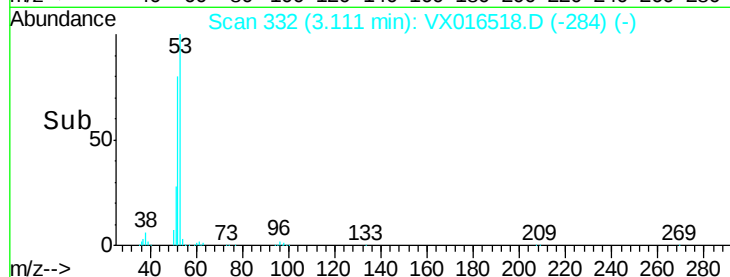
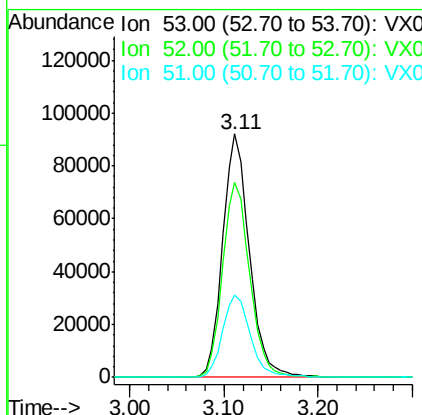
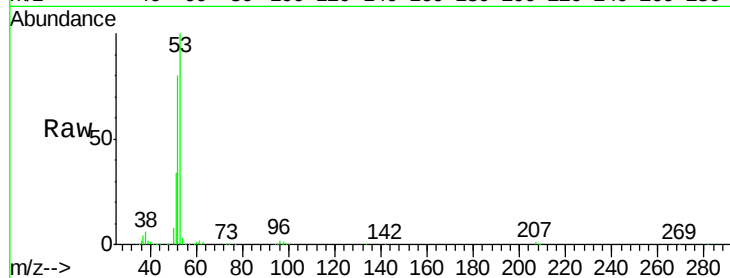
#15
 Acrylonitrile
 Concen: 88.534 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion	53	Ratio	Lower	Upper
181932	100			
52	81.7	66.7	100.1	
51	35.3	28.6	43.0	

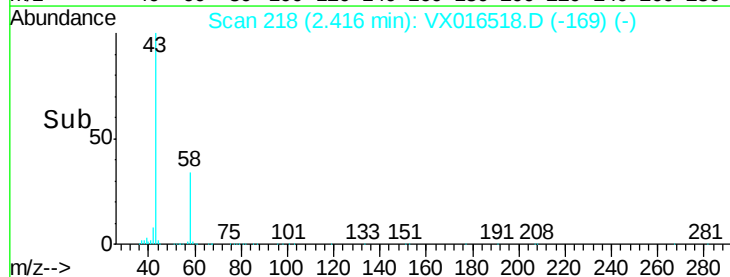
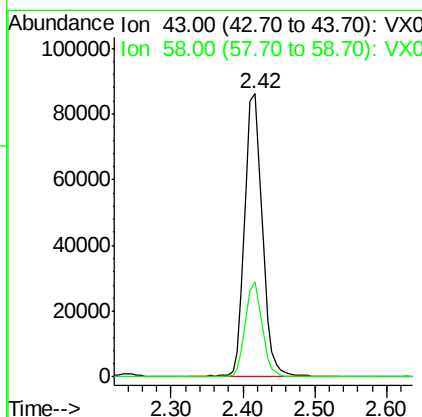
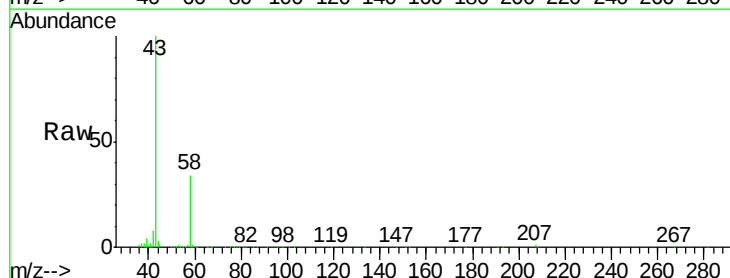
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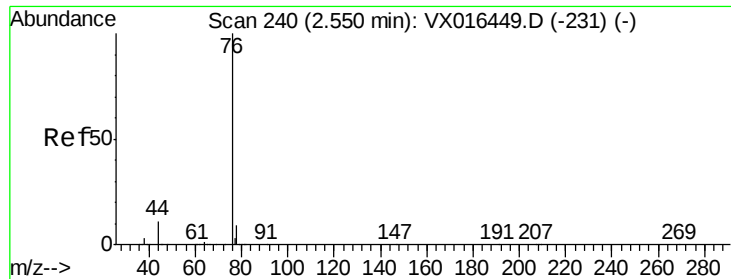
MMDadoda
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#16
 Acetone
 Concen: 85.215 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	43	Ratio	Lower	Upper
146055	100			
58	33.7	26.1	39.1	





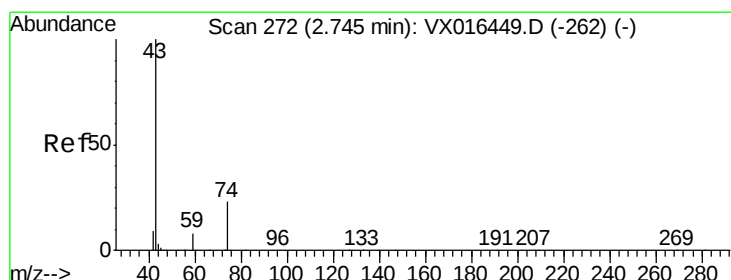
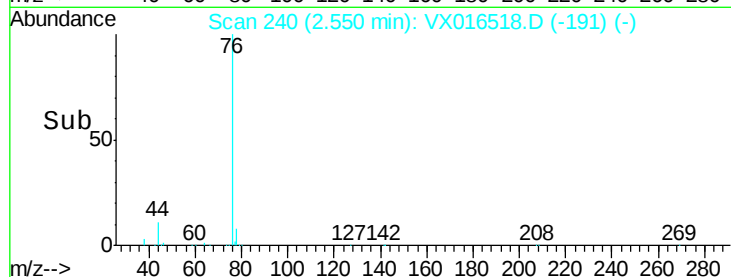
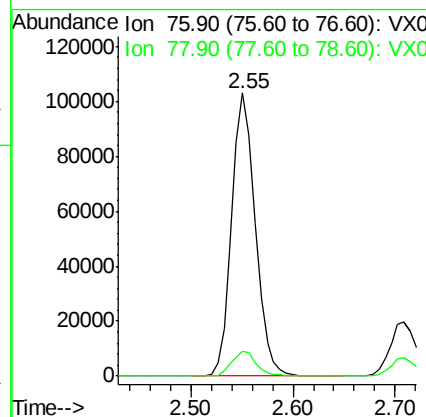
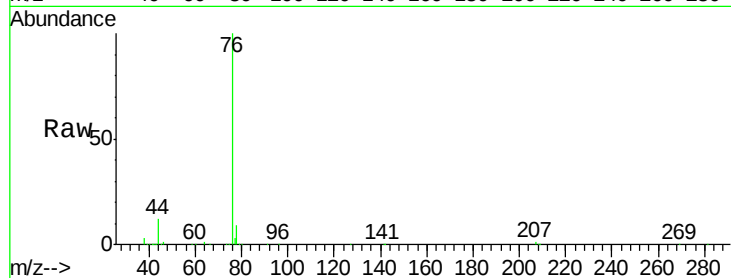
#17
Carbon Disulfide
Concen: 18.374 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

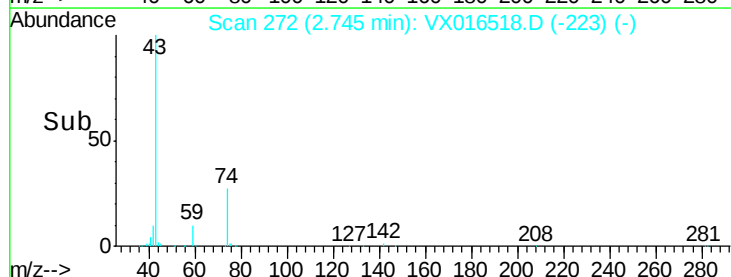
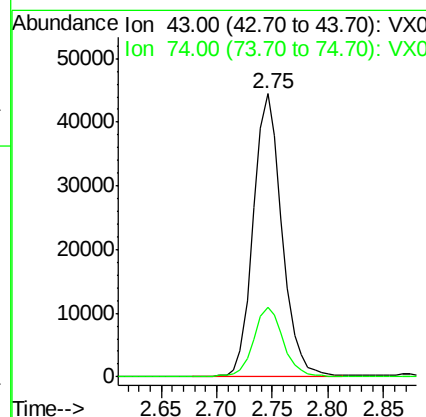
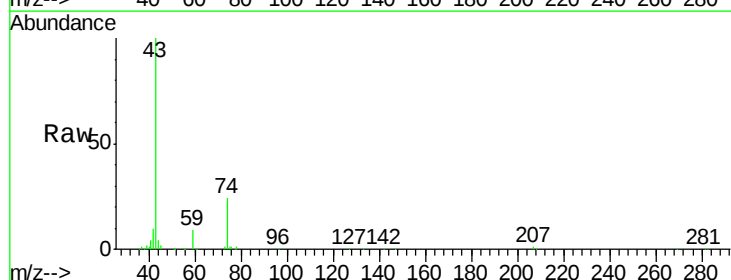
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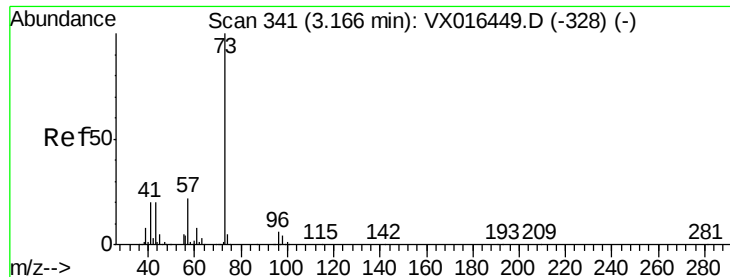
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#18
Methyl Acetate
Concen: 18.076 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.7	29.5





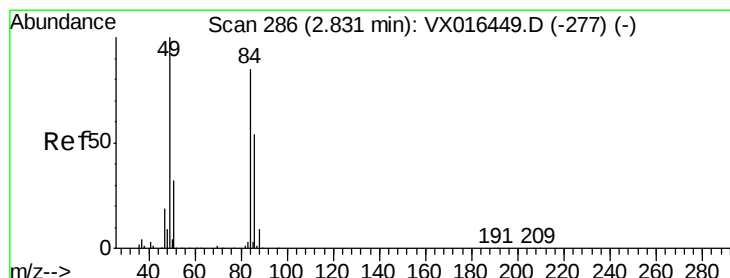
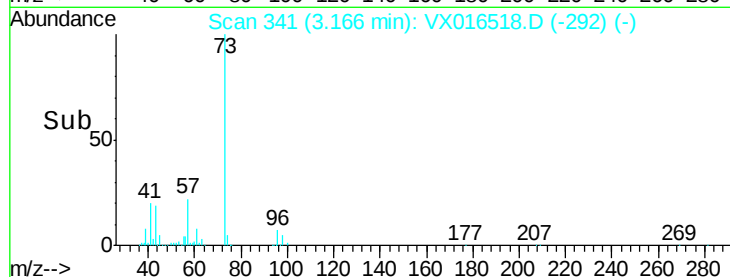
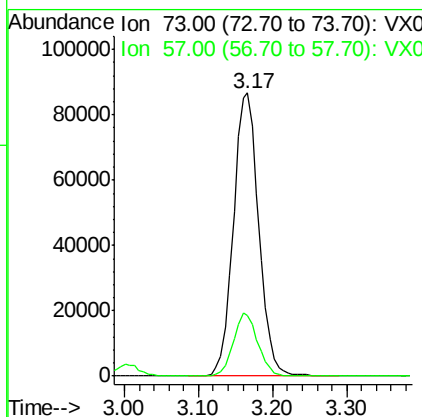
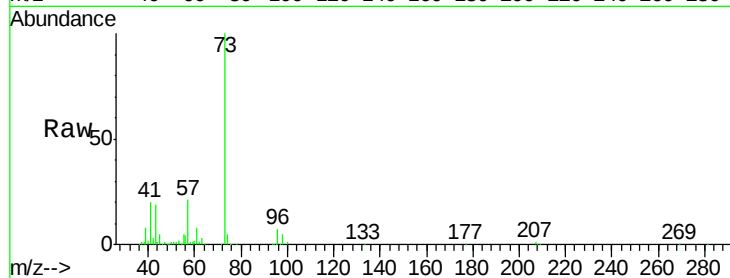
#19
Methyl tert-butyl Ether
Concen: 18.864 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.6

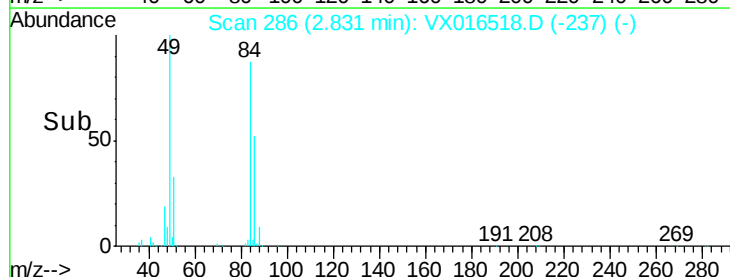
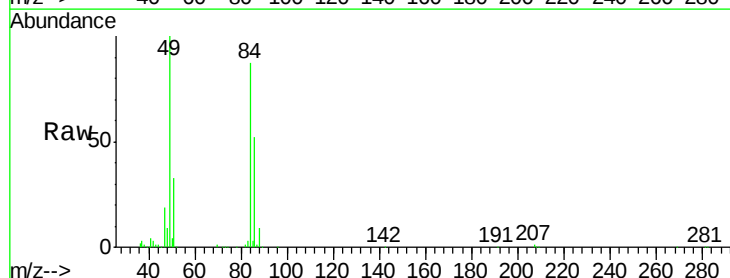
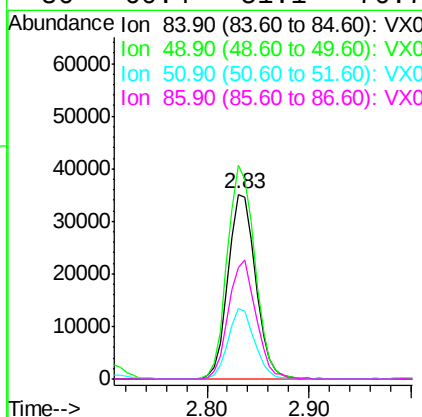
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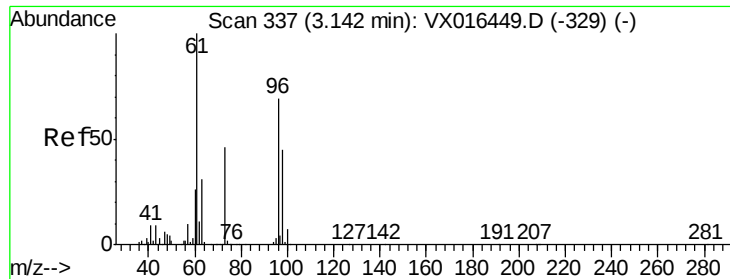
MMDadoda
6/2/2020 11:35:01 AM



#20
Methylene Chloride
Concen: 18.633 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.5	94.5	141.7
51	37.7	30.2	45.4
86	60.4	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 18.905 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

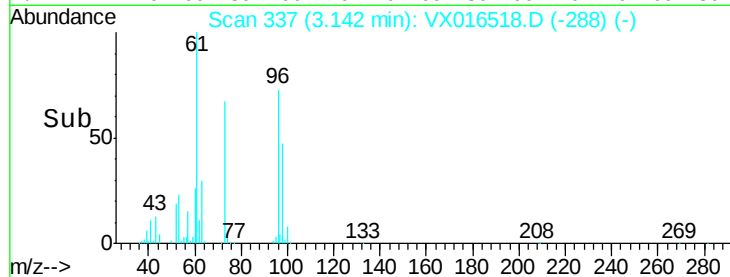
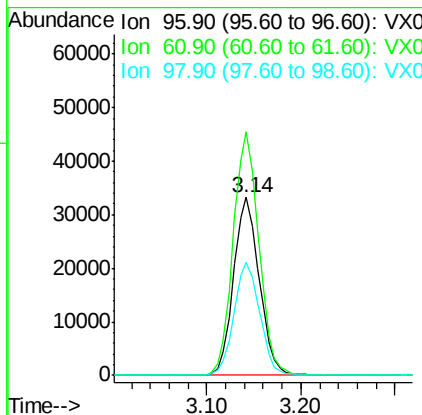
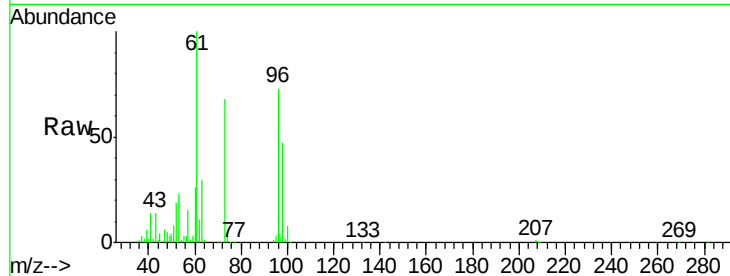
ClientSampleId :

VX0601WBS01

Tot Ion:	96	Resp:	63383
Ion	Ratio	Lower	Upper
96	100		
61	136.6	115.3	172.9
98	63.7	51.9	77.9

Manual Integrations
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6/2/2020 11:35:01 AM



#22

Diisopropyl ether

Concen: 18.762 ug/l

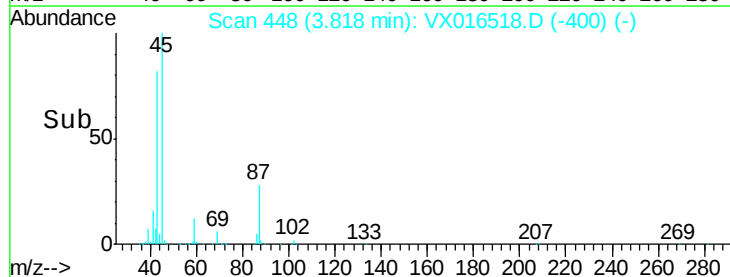
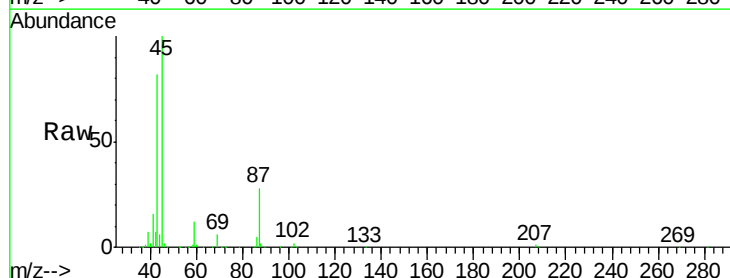
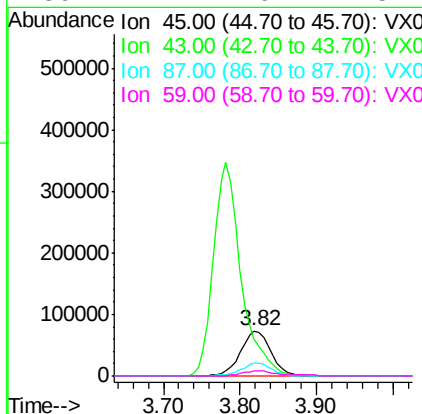
RT: 3.82 min Scan# 448

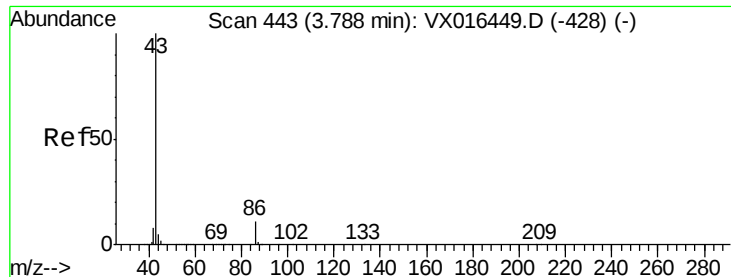
Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Tgt Ion:	45	Resp:	200914
Ion	Ratio	Lower	Upper
45	100		
43	81.6	57.0	85.6
87	28.0	22.5	33.7
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 92.961 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

Tot Ion: 43 Resp: 871350

Ion Ratio Lower Upper

43 100

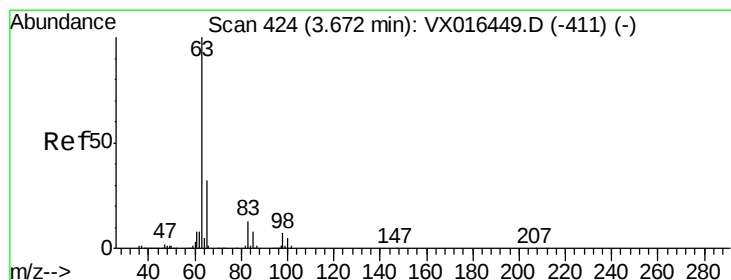
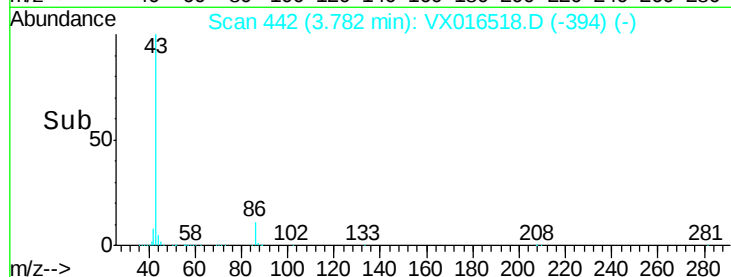
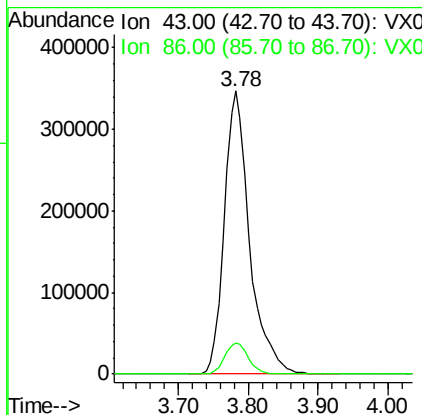
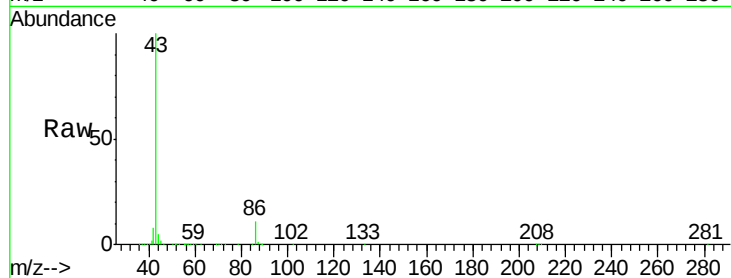
86 11.2 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

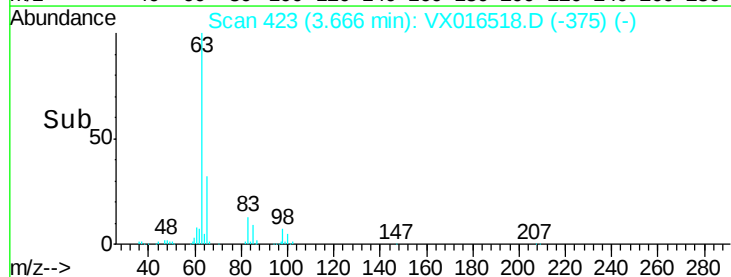
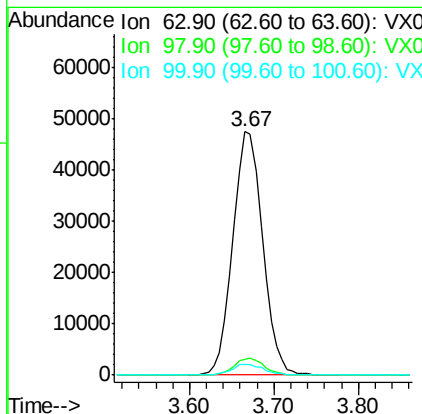
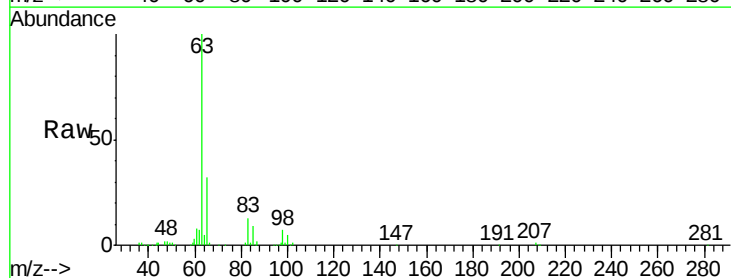
Tgt Ion: 63 Resp: 113793

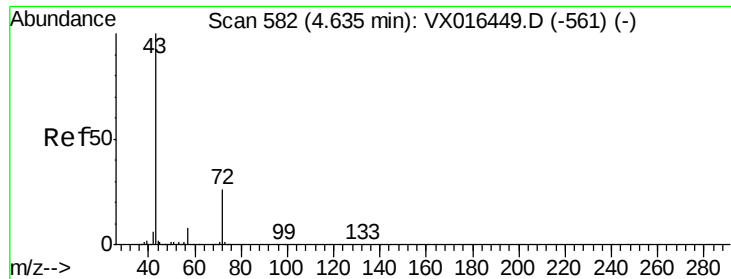
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 85.394 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion: 43 Resp: 248004

Ion Ratio Lower Upper

43 100

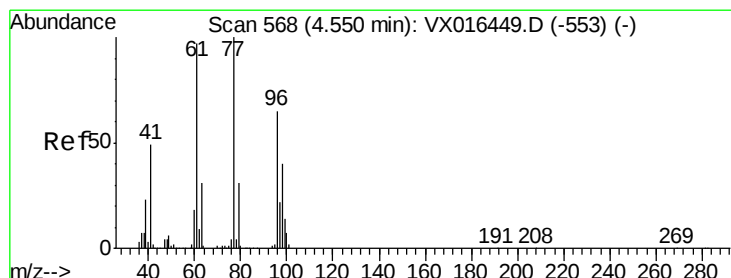
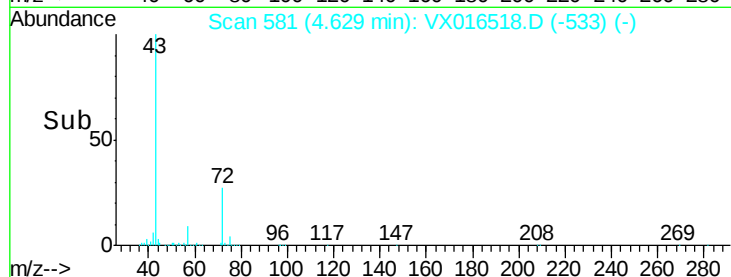
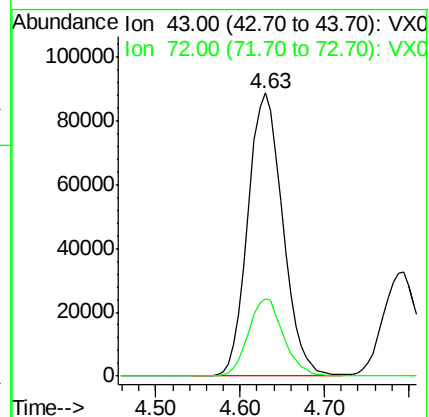
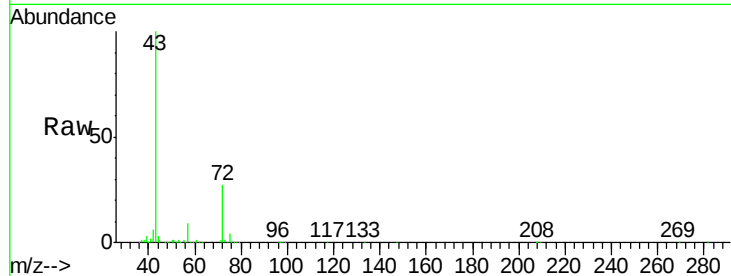
72 27.2 21.0 31.6

Manual Integrations

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6/2/2020 11:35:01 AM



#26

2,2-Dichloropropane

Concen: 21.285 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016518.D

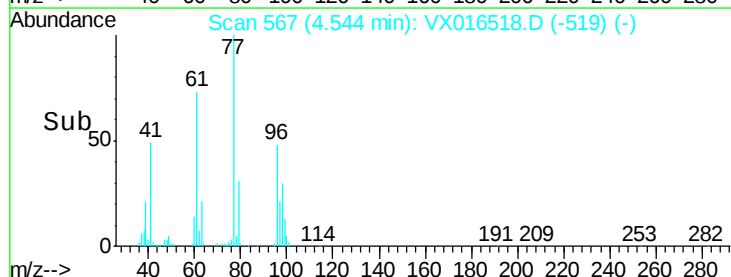
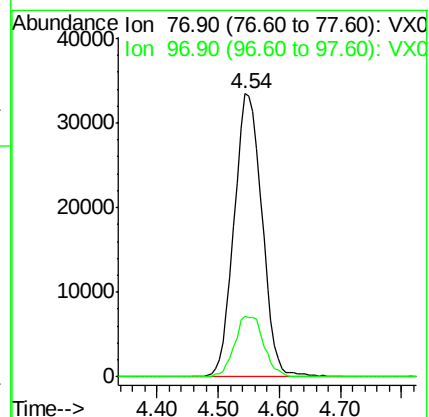
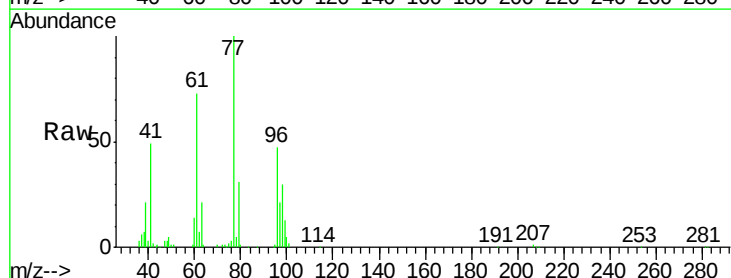
Acq: 01 Jun 2020 10:56

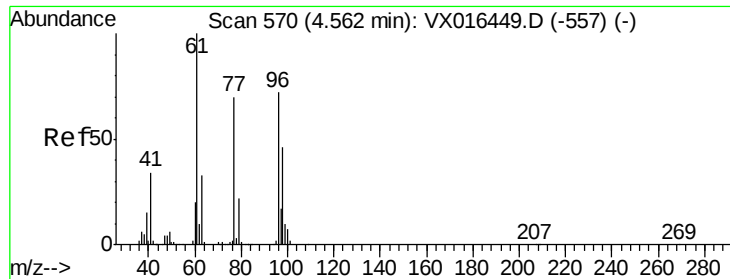
Tgt Ion: 77 Resp: 105269

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.4





#27

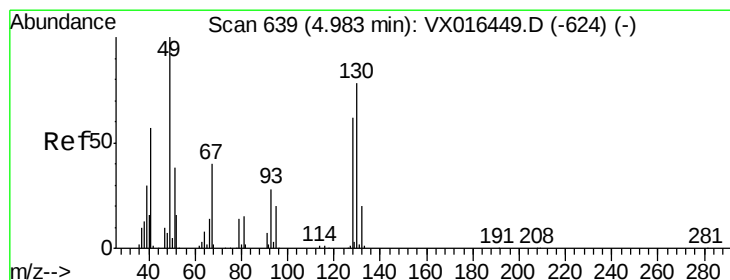
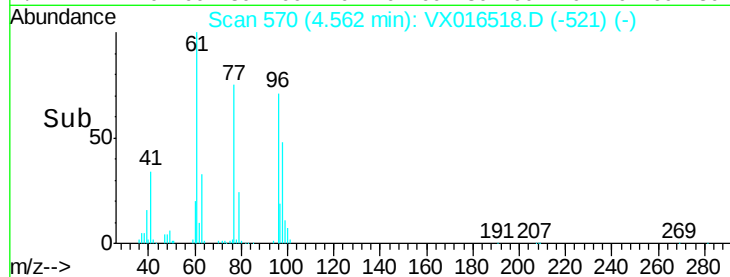
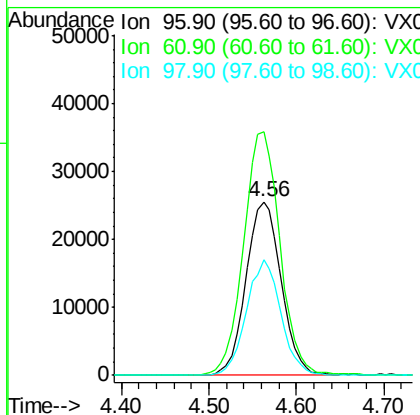
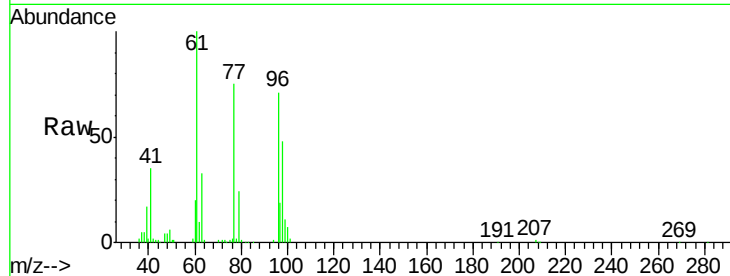
cis-1,2-Dichloroethene
Concen: 18.460 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	284.6
98	65.0	0.0	127.2

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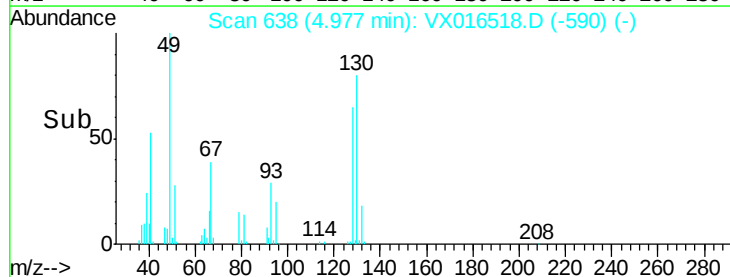
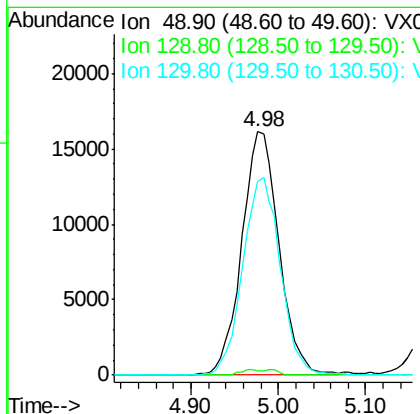
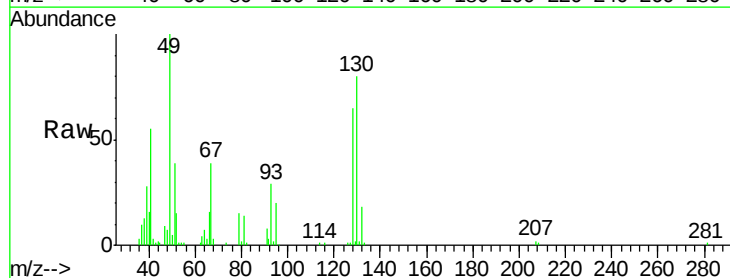
MMDadoda
6/2/2020 11:35:01 AM

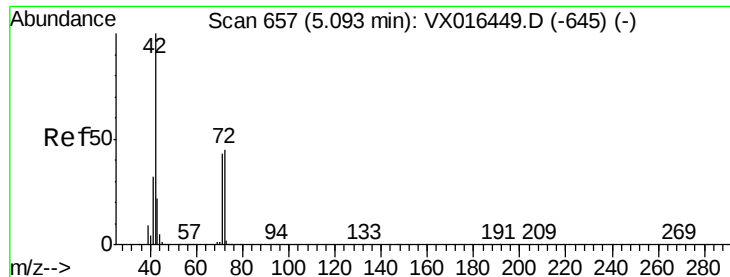


#28

Bromochloromethane
Concen: 17.022 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.0
130	82.2	63.0	94.4





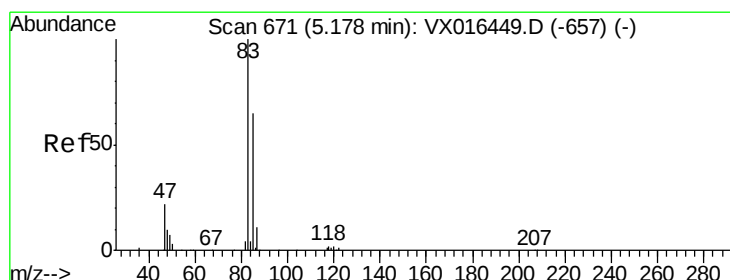
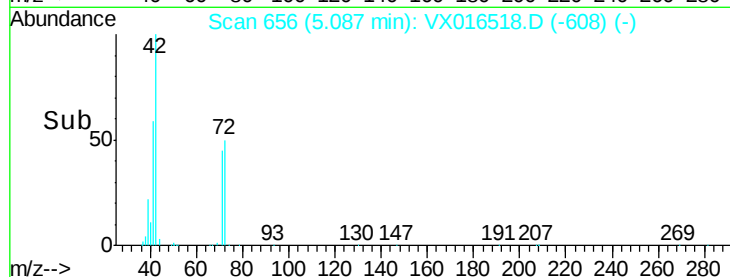
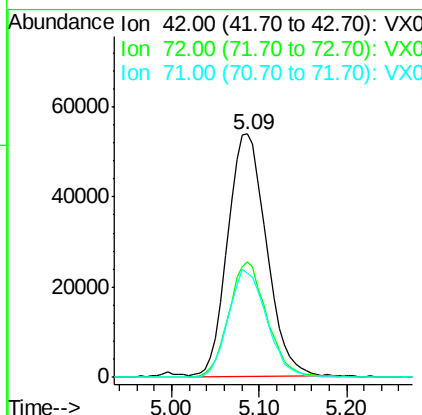
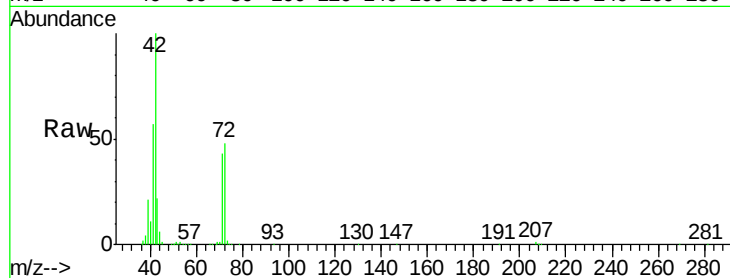
#29
Tetrahydrofuran
Concen: 88.794 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.0	55.4
71	43.7	34.1	51.1

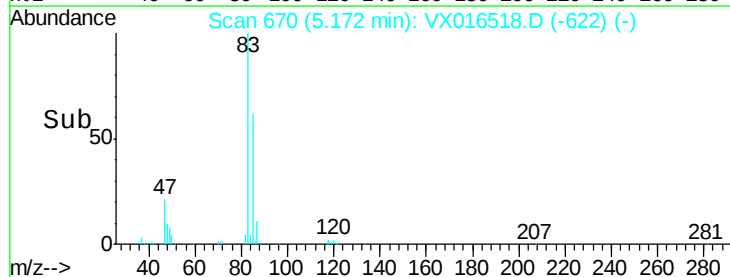
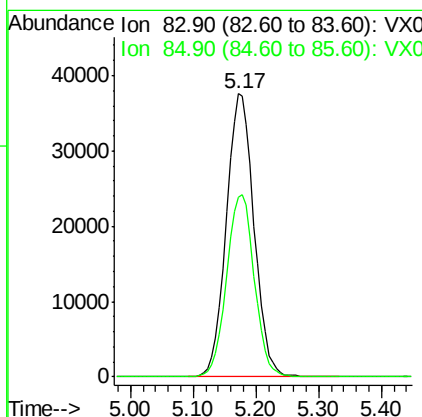
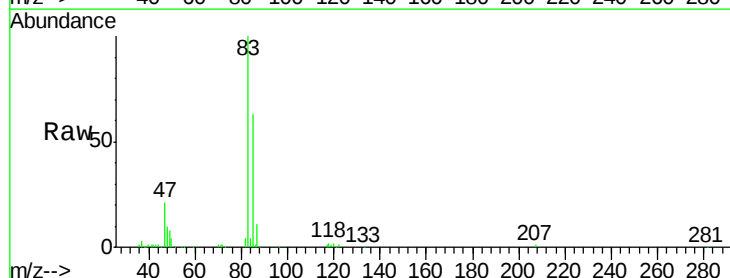
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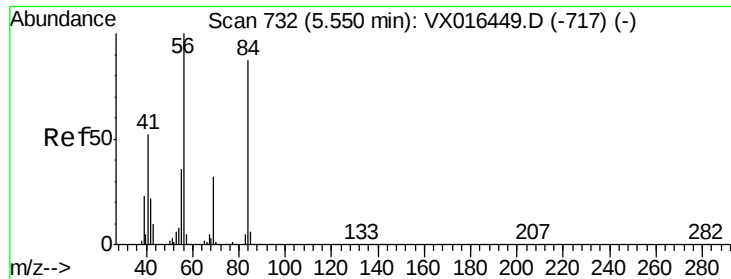
MMDadoda
6/2/2020 11:35:01 AM



#30
Chloroform
Concen: 18.834 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.0	78.0





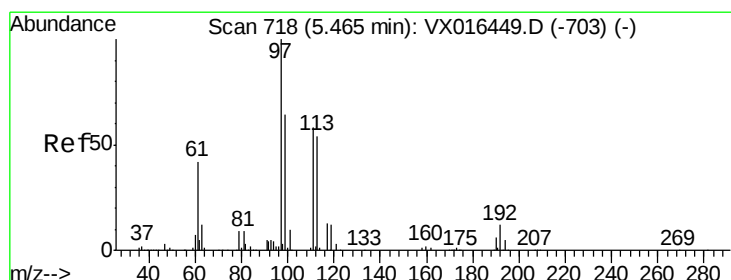
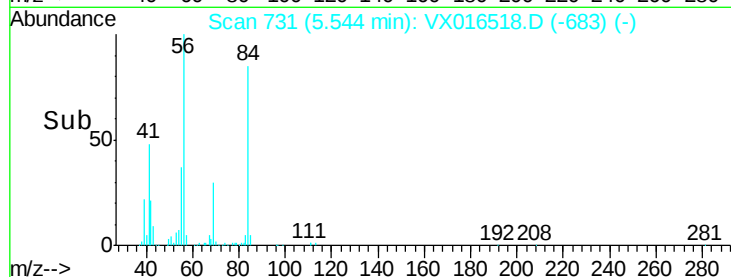
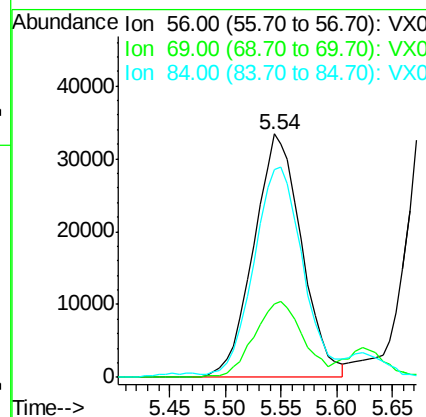
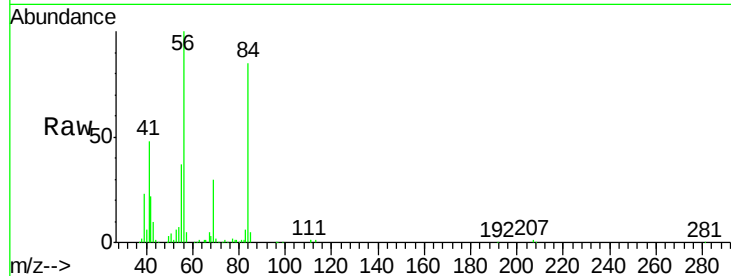
#31
Cyclohexane
Concen: 18.365 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.9	25.7	38.5	
84	83.3	70.0	105.0	

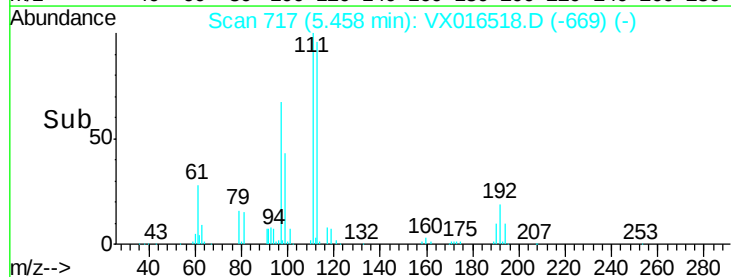
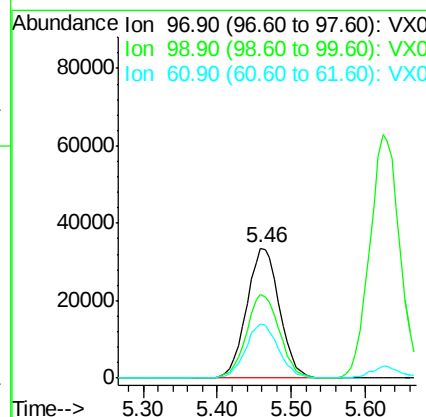
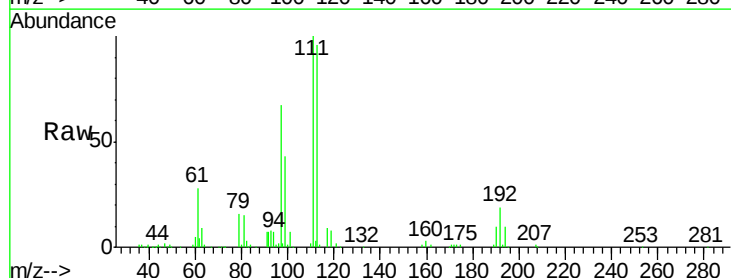
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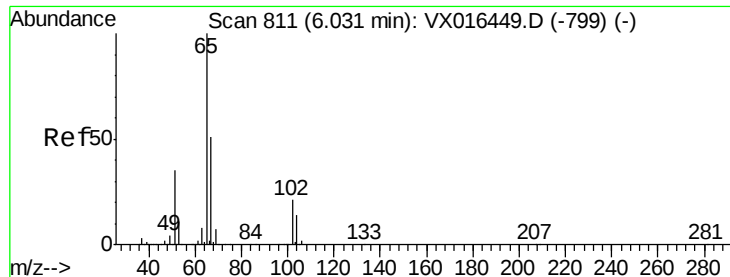
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6/2/2020 11:35:01 AM



#32
1,1,1-Trichloroethane
Concen: 18.797 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	51.4	77.2	
61	41.6	33.5	50.3	





#33

1,2-Dichloroethane-d4

Concen: 46.386 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion: 65 Resp: 181465

Ion Ratio Lower Upper

65 100

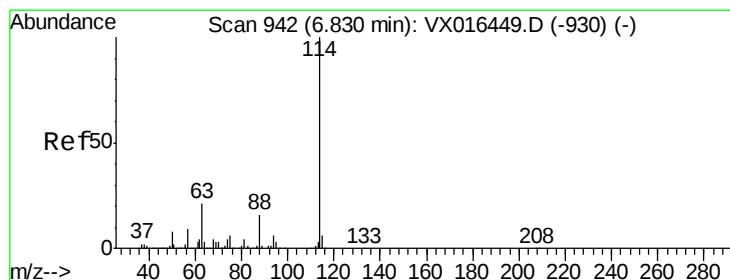
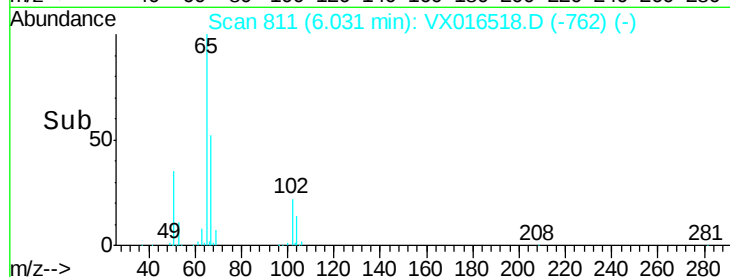
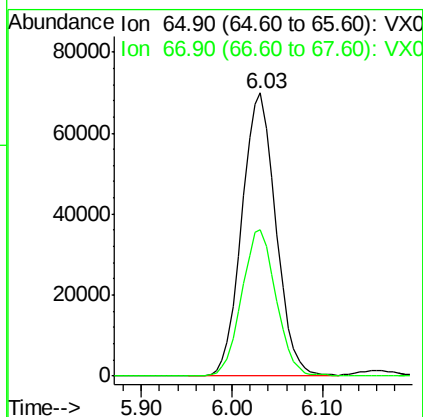
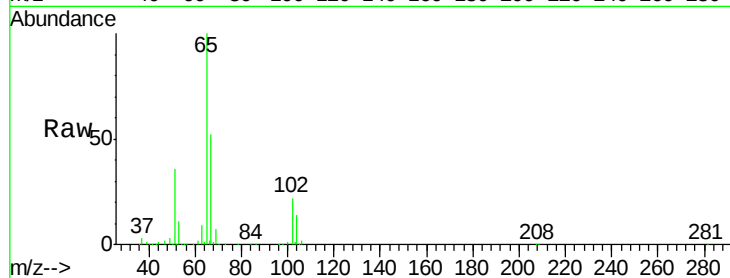
67 52.3 0.0 104.8

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6/2/2020 11:35:01 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

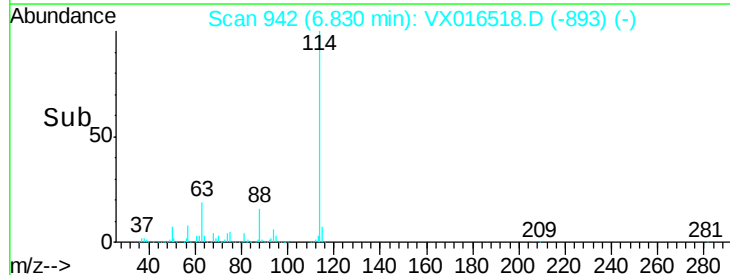
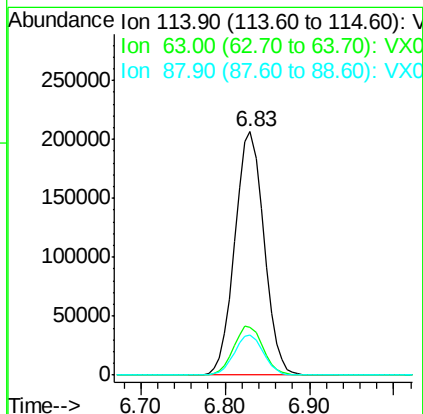
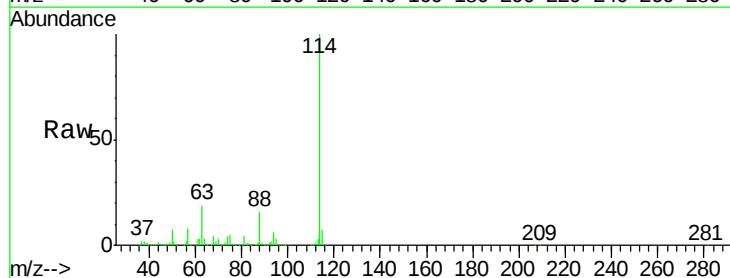
Tgt Ion: 114 Resp: 483529

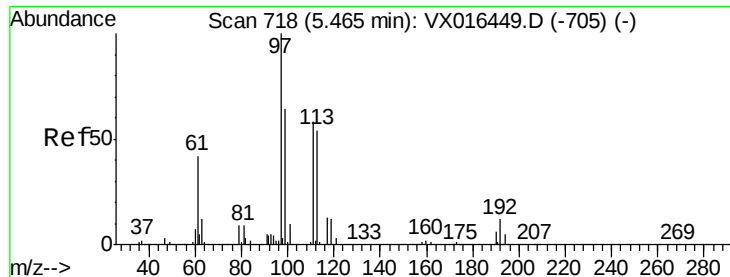
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 16.2 0.0 32.8





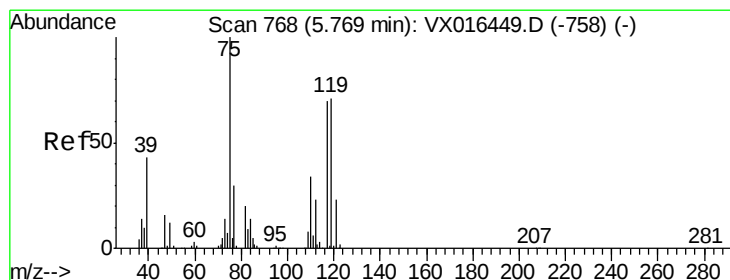
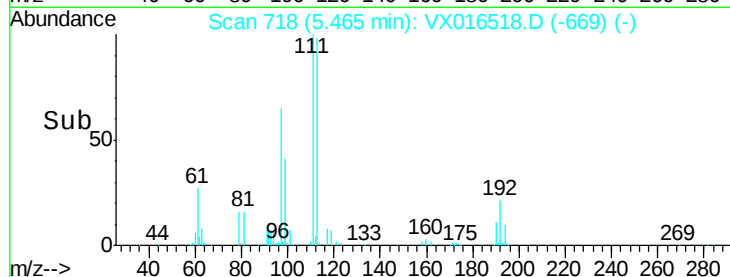
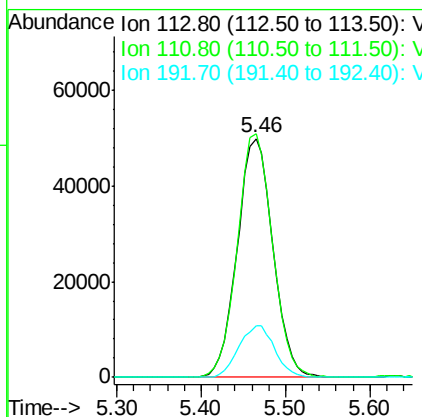
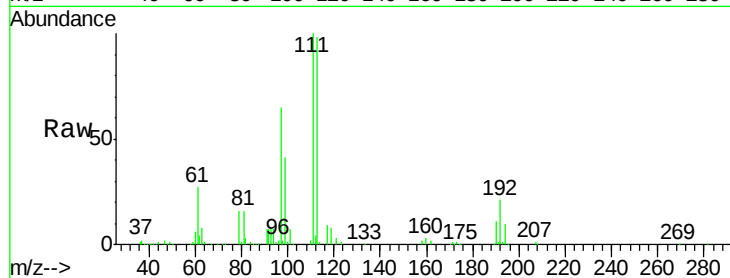
#35
 Dibromofluoromethane
 Concen: 47.912 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0601WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142649		
111	100.9	83.0	124.6	
192	22.0	17.7	26.5	

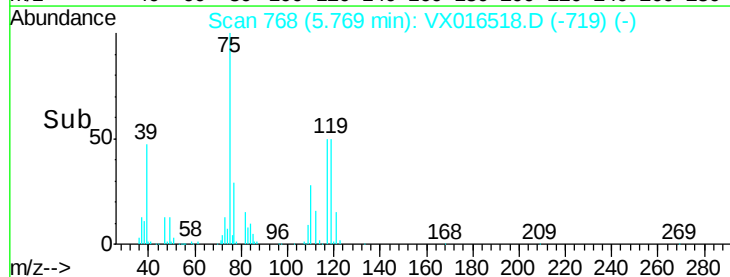
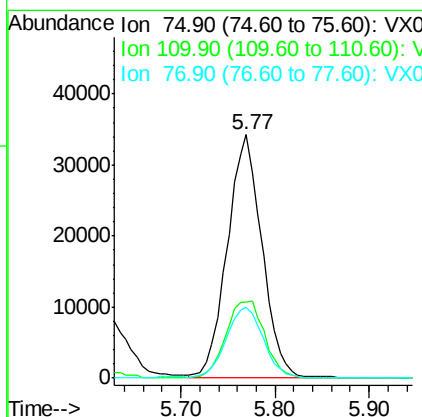
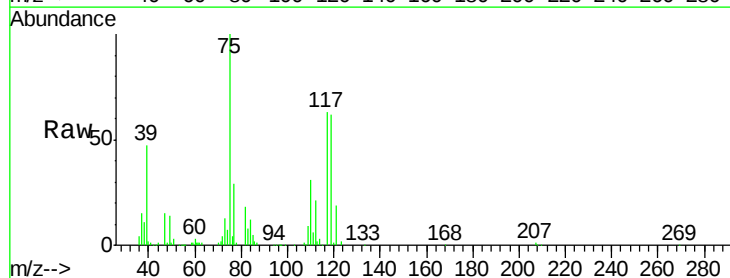
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 19.175 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	87787		
110	35.5	17.4	52.3	
77	31.4	24.2	36.4	





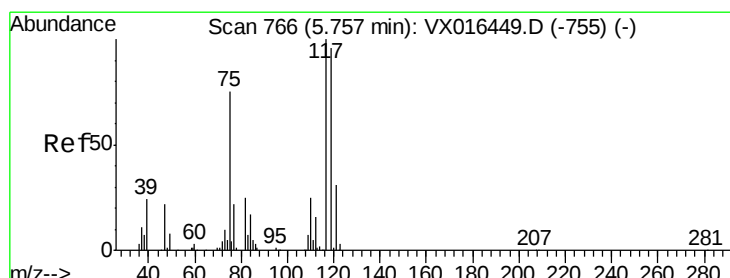
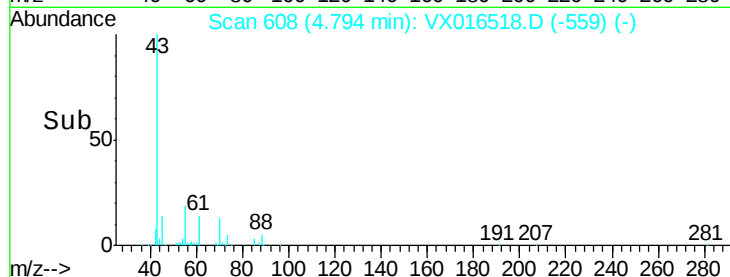
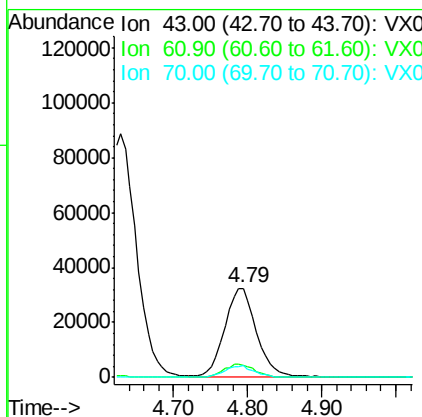
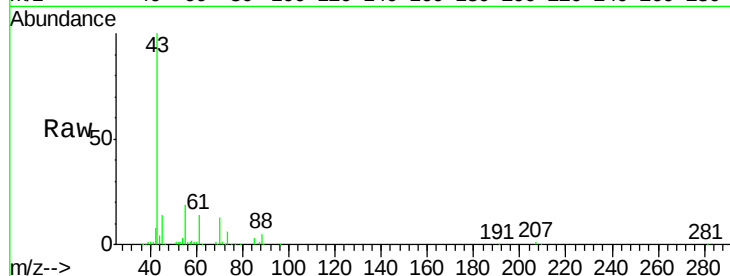
#37
Ethyl Acetate
Concen: 17.556 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampled :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	12.2	9.3	13.9

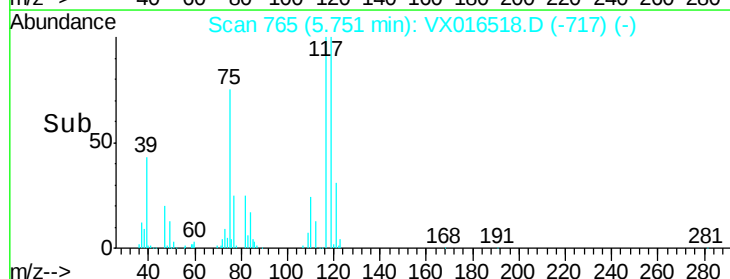
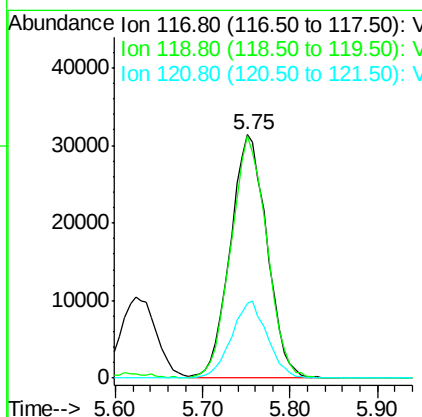
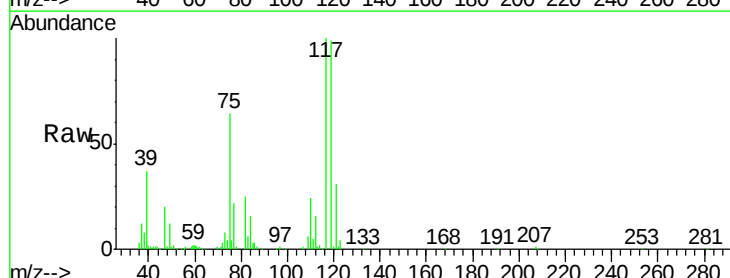
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 18.994 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.3	114.5
121	30.8	24.6	37.0





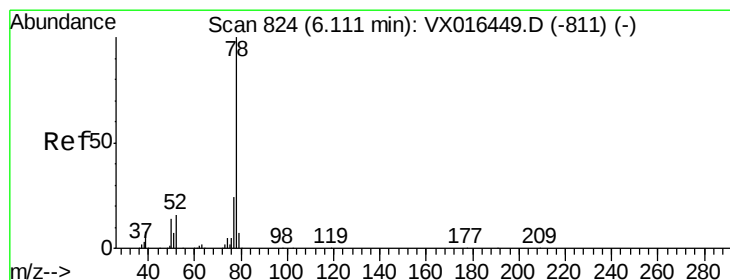
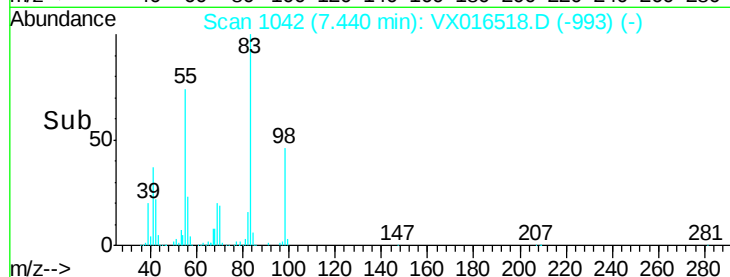
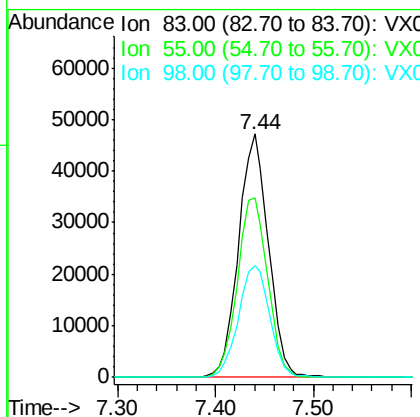
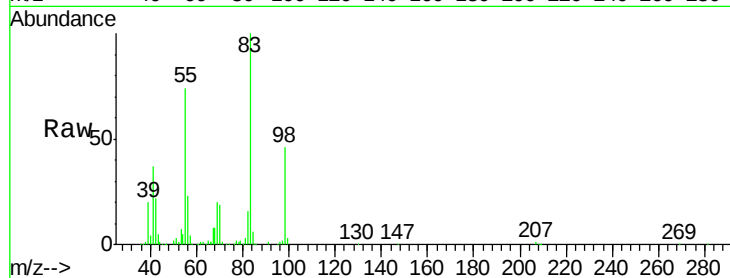
#39
Methylvlcyclohexane
Concen: 20.042 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.7	92.5
98	46.0	38.7	58.1

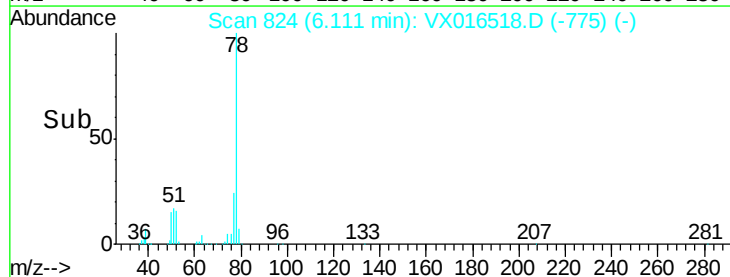
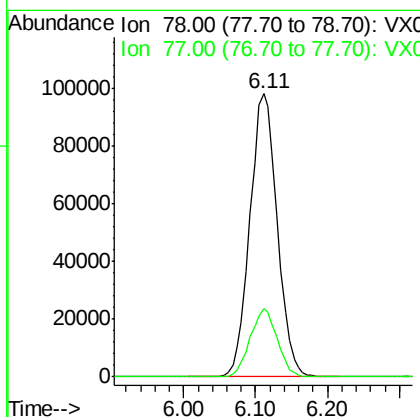
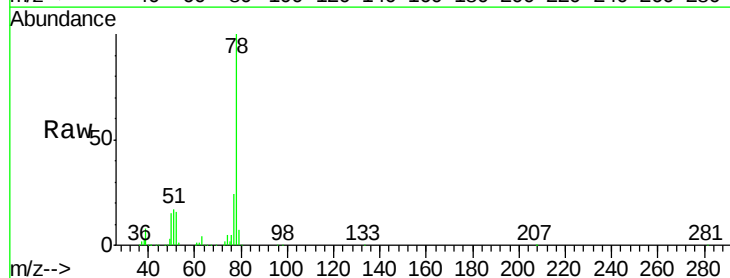
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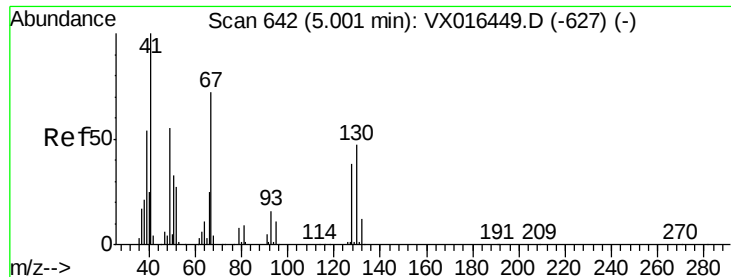
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#40
Benzene
Concen: 19.060 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3





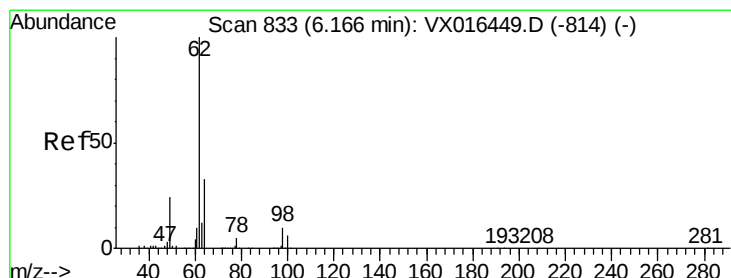
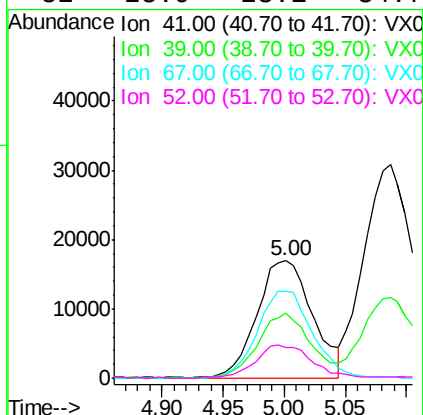
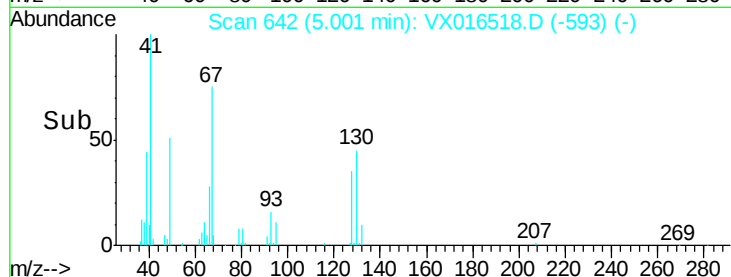
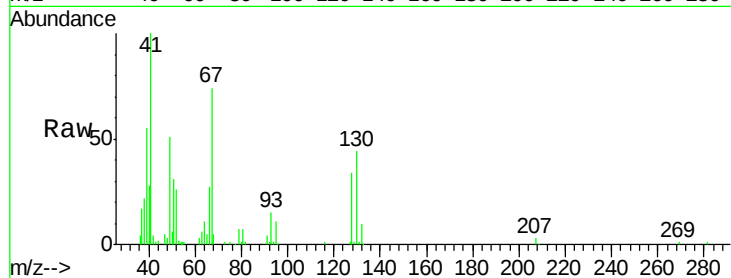
#41
Methacrylonitrile
Concen: 17.689 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampled :
VX0601WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	43.0	64.4	
67	73.8	58.9	88.3	
52	28.9	23.1	34.7	

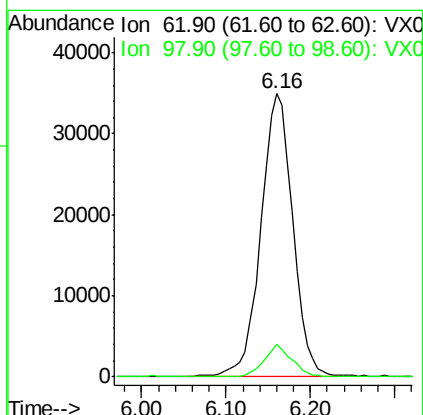
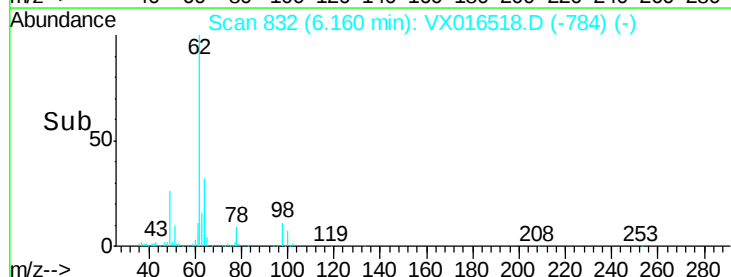
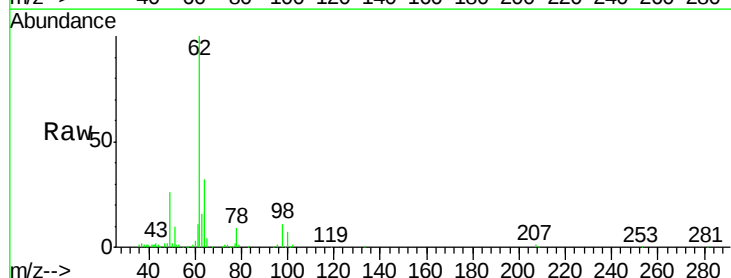
Manual Integrations
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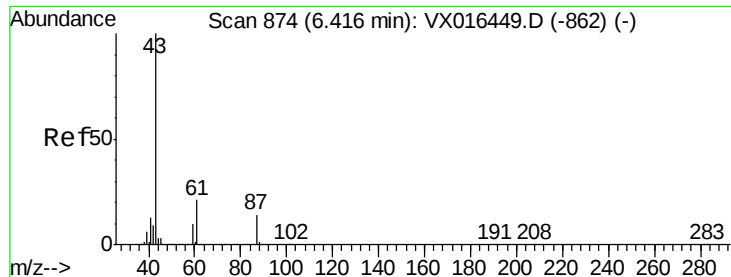
MMDadoda
6/2/2020 11:35:01 AM



#42
1,2-Dichloroethane
Concen: 18.885 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

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





#43

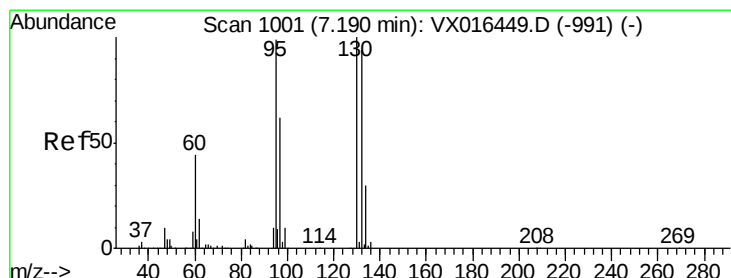
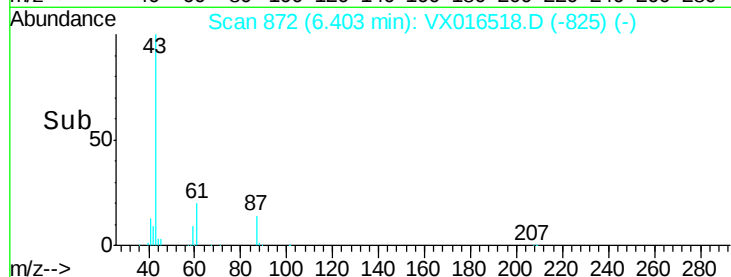
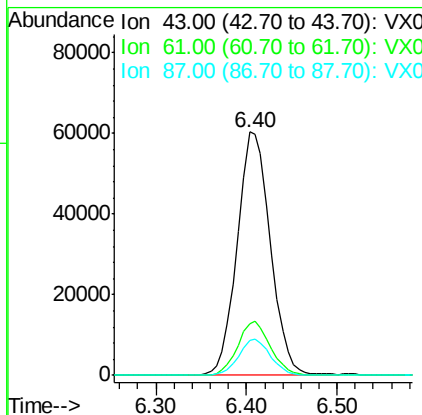
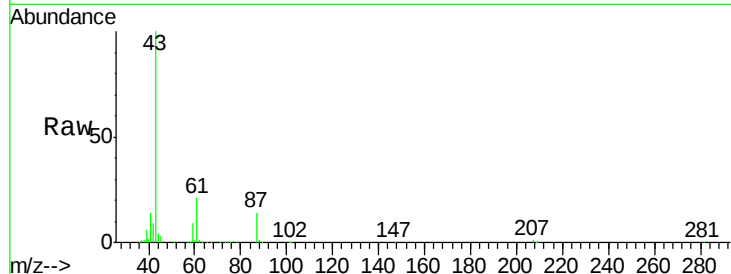
Isopropyl Acetate
 Concen: 17.746 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	14.3	11.2	16.8

Manual Integrations
 APPROVED

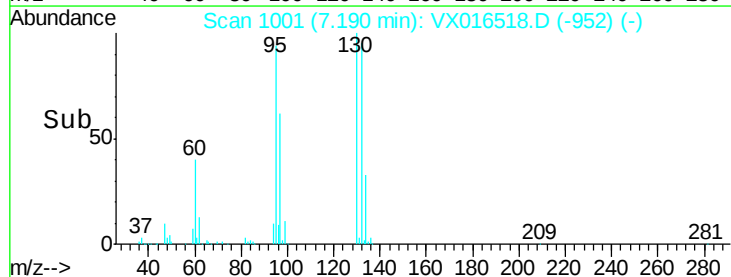
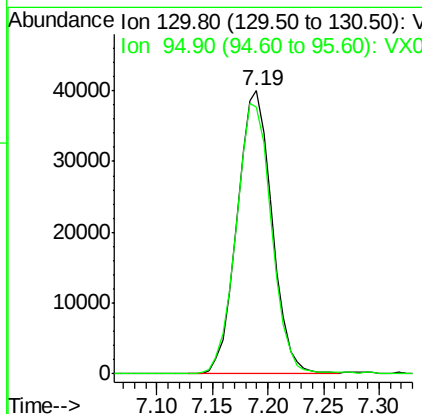
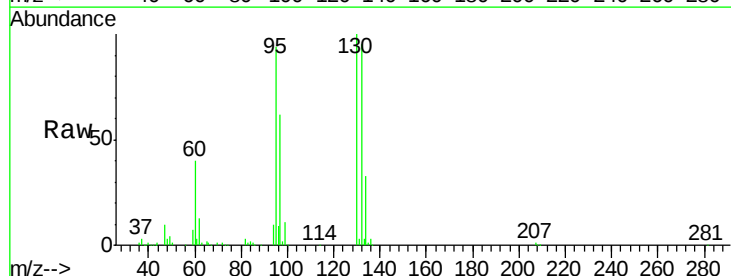
MMDadoda
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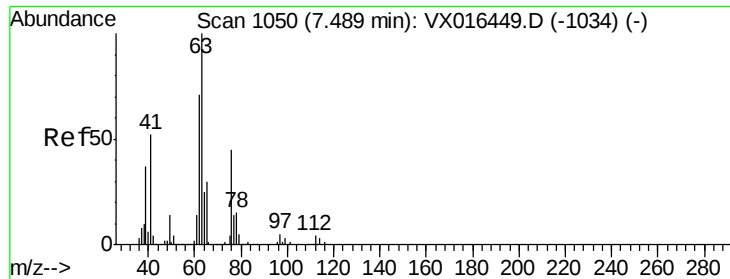


#44

Trichloroethene
 Concen: 20.078 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	198.2





#45

1,2-Dichloropropane

Concen: 19.191 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion: 63 Resp: 66607

Ion Ratio Lower Upper

63 100

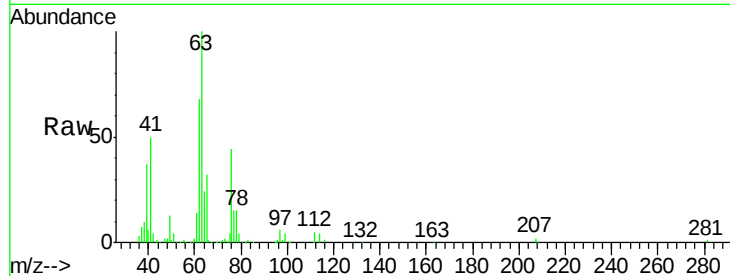
65 31.6 24.2 36.2

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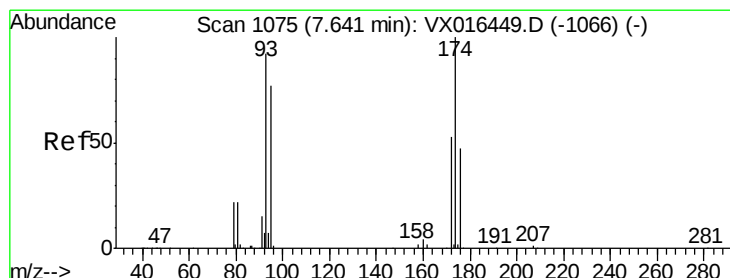
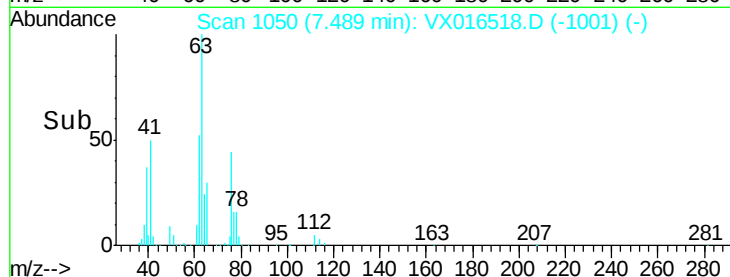
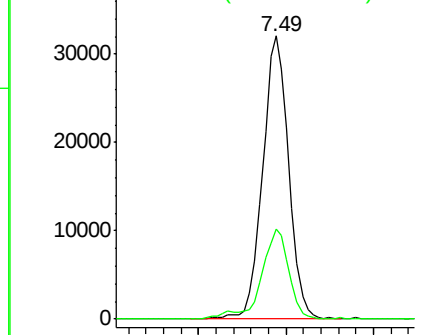
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.537 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

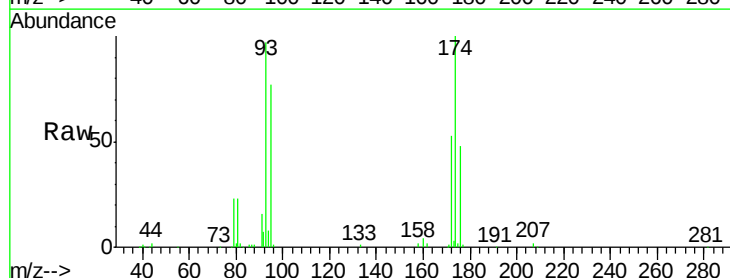
Tgt Ion: 93 Resp: 43213

Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

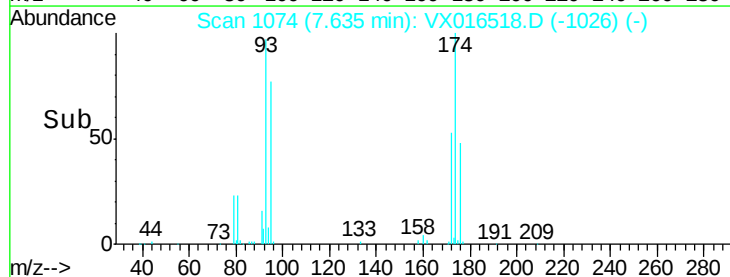
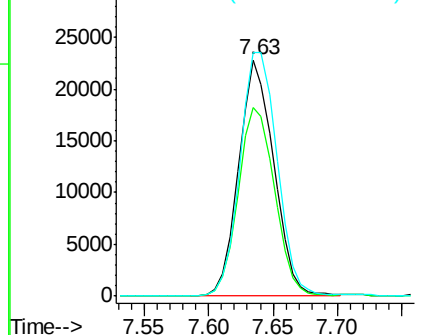
174 109.1 86.2 129.4

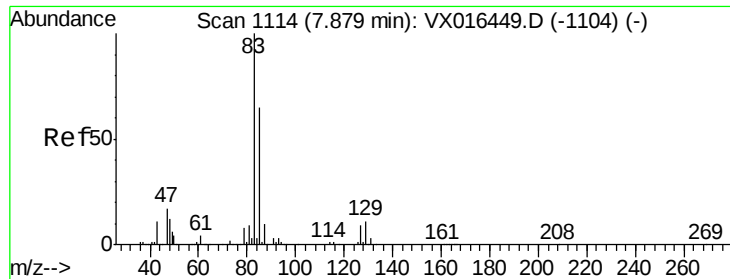


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





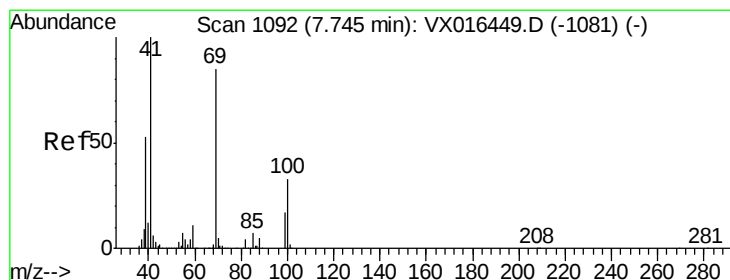
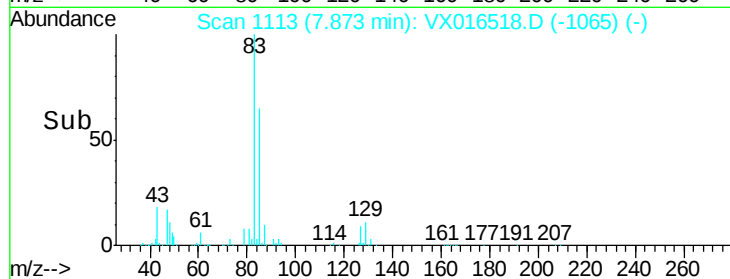
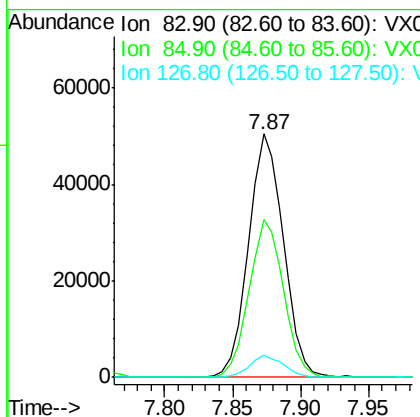
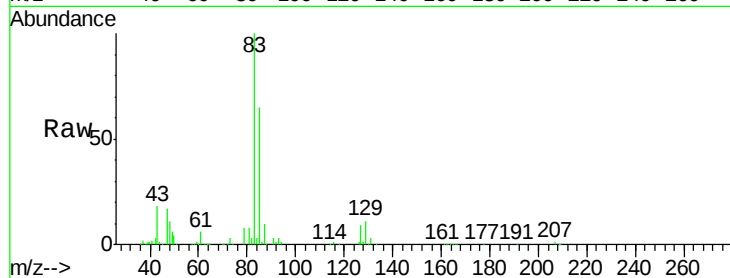
#47
Bromodichloromethane
Concen: 18.792 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	83	Resp	90708
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	52.0	78.0
127	8.9	7.4	11.0

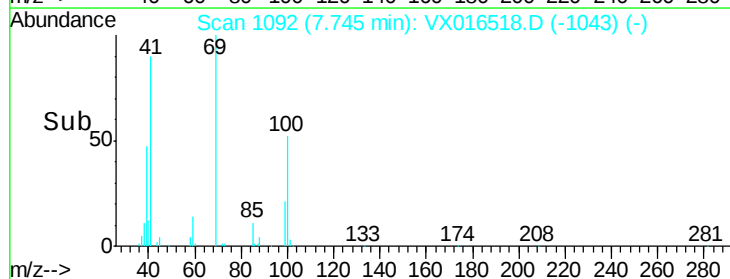
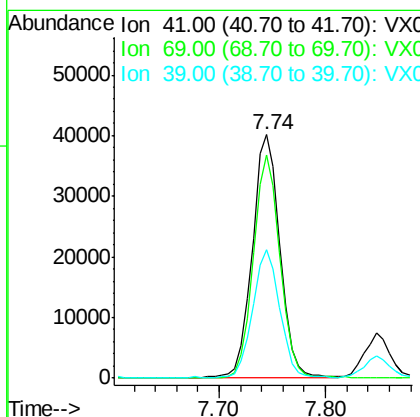
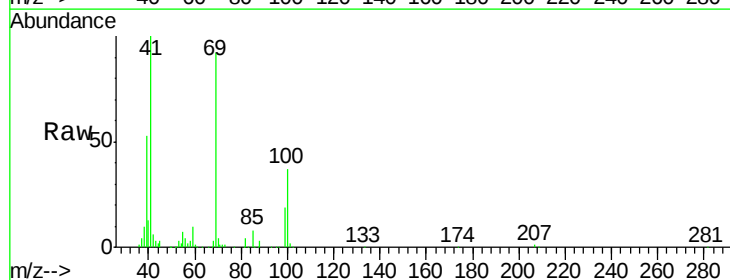
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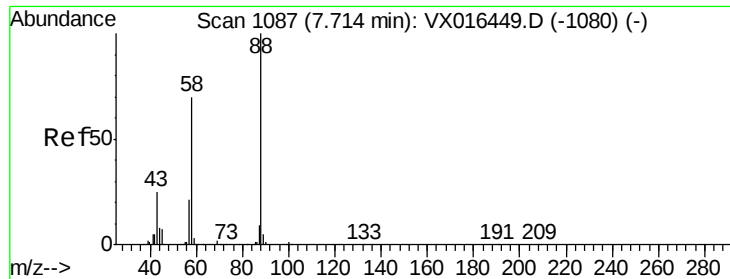
MMDadoda
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#48
Methyl methacrylate
Concen: 17.653 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	41	Resp	72463
Ion Ratio	100	Lower	Upper
41	100		
69	88.8	68.6	102.8
39	51.6	42.4	63.6





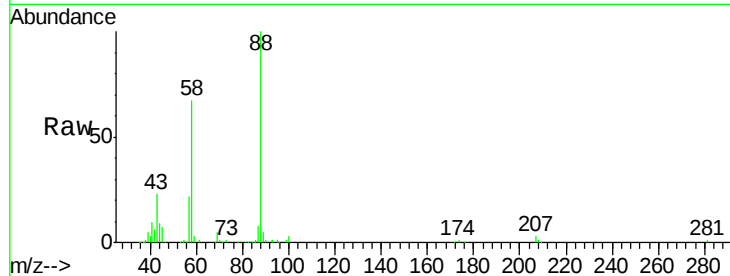
#49
1,4-Dioxane
Concen: 335.425 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampled :
VX0601WBS01

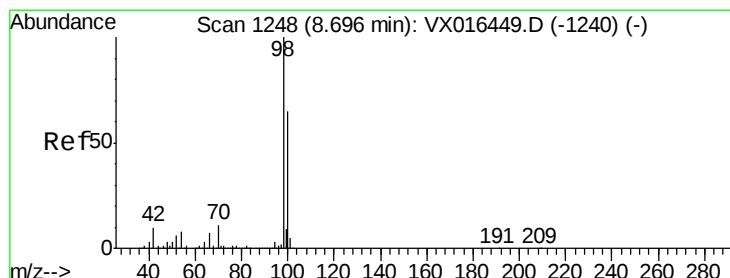
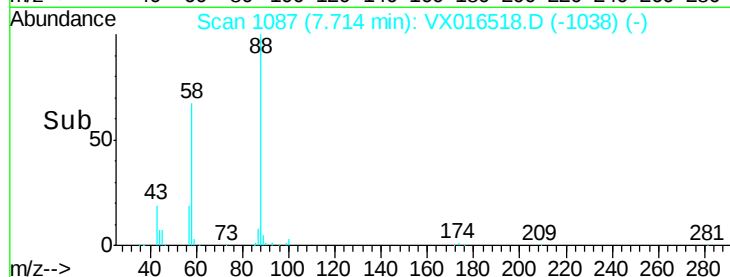
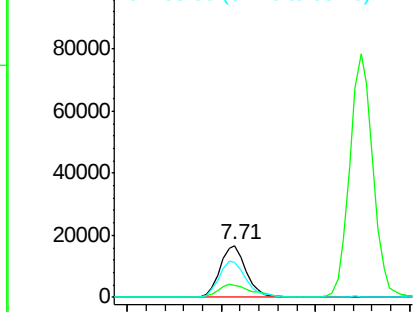
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.2	36.4
58	73.5	56.5	84.7

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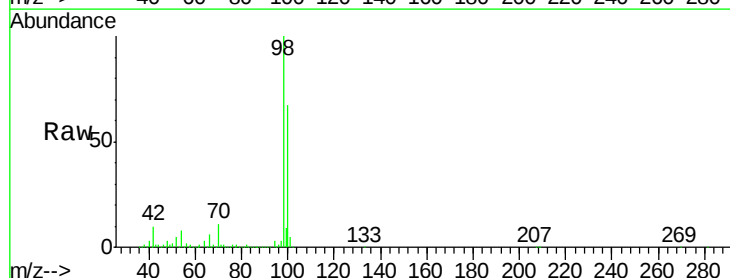


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

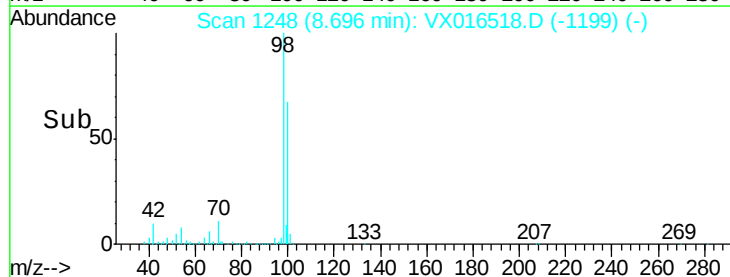
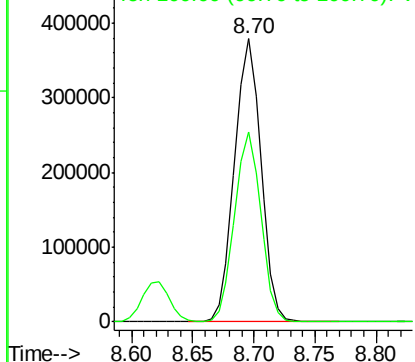


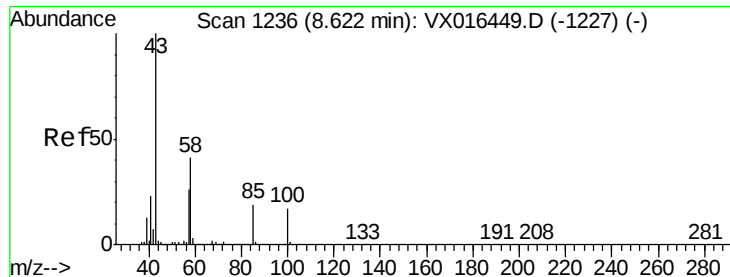
#50
Toluene-d8
Concen: 49.178 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.8	80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 90.768 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

Tot Ion: 43 Resp: 484551

Ion Ratio Lower Upper

43 100

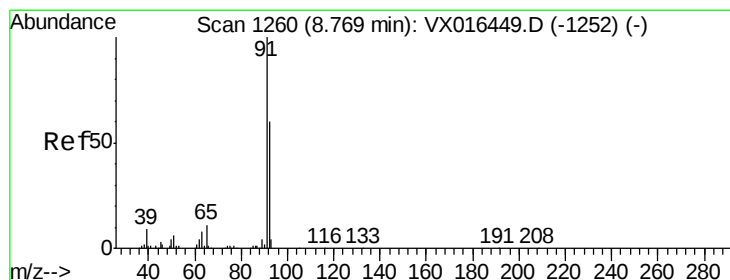
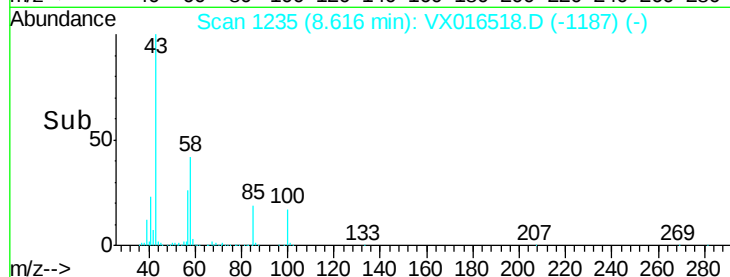
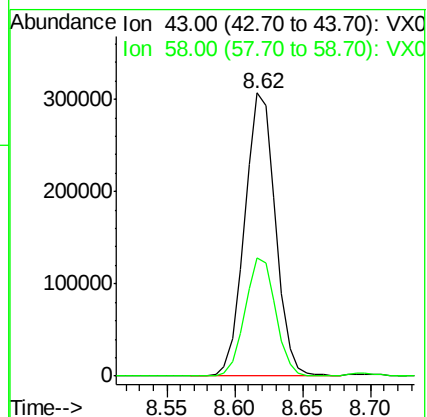
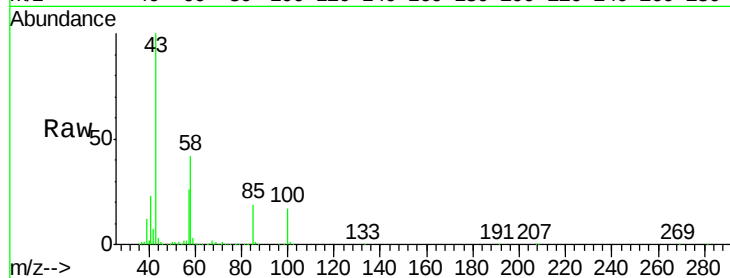
58 41.6 33.0 49.6

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#52

Toluene

Concen: 19.666 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016518.D

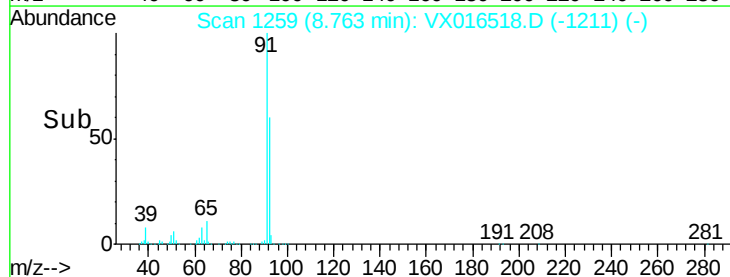
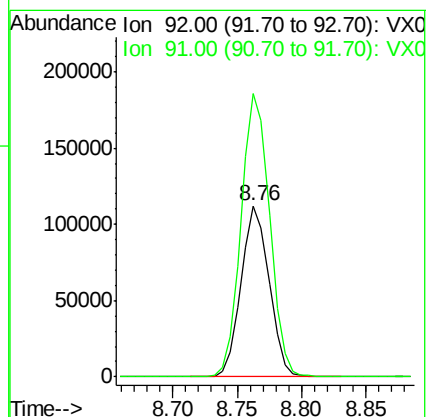
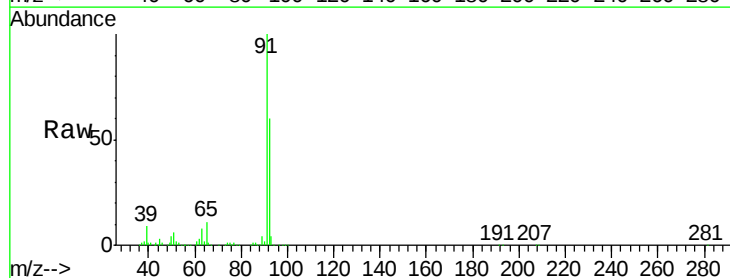
Acq: 01 Jun 2020 10:56

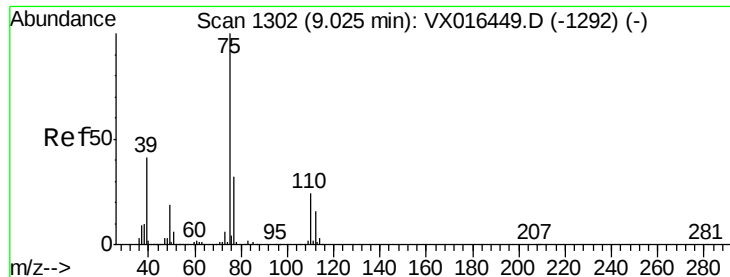
Tgt Ion: 92 Resp: 169069

Ion Ratio Lower Upper

92 100

91 168.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 19.202 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion: 75 Resp: 105392

Ion Ratio Lower Upper

75 100

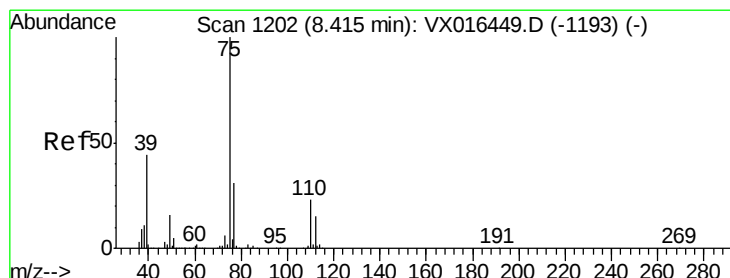
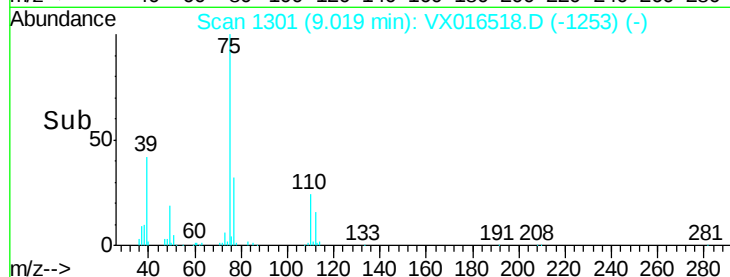
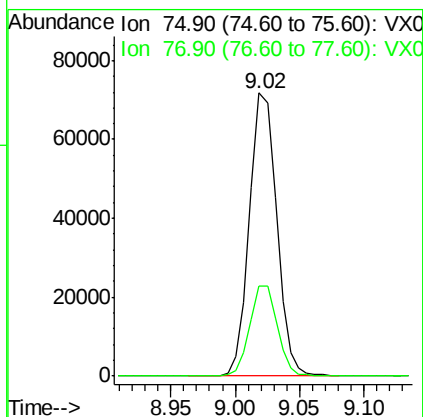
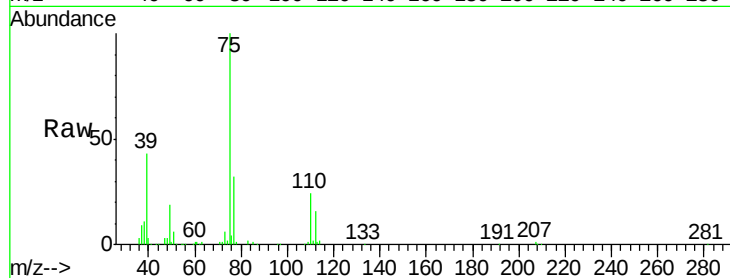
77 31.7 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 19.378 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

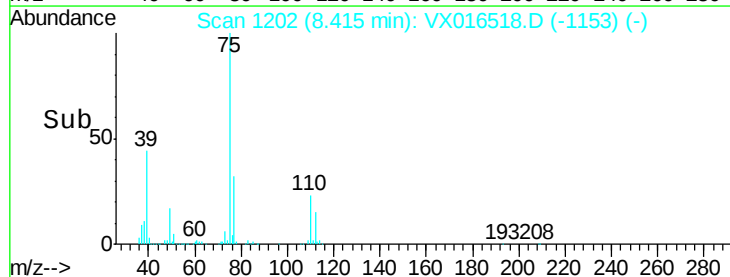
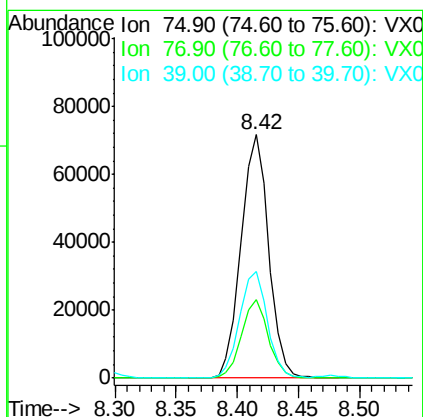
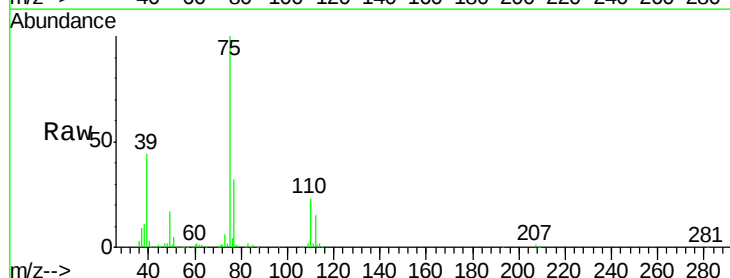
Tgt Ion: 75 Resp: 112577

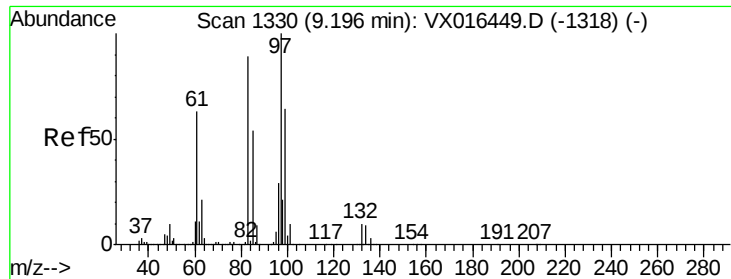
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 43.5 35.3 52.9





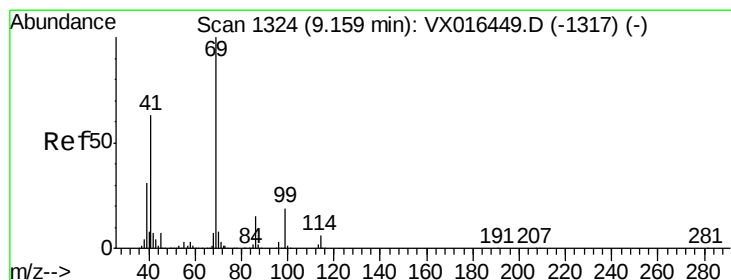
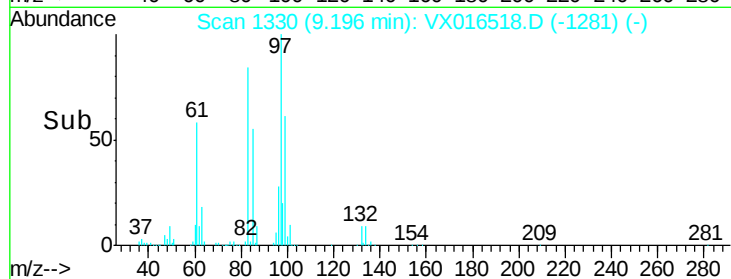
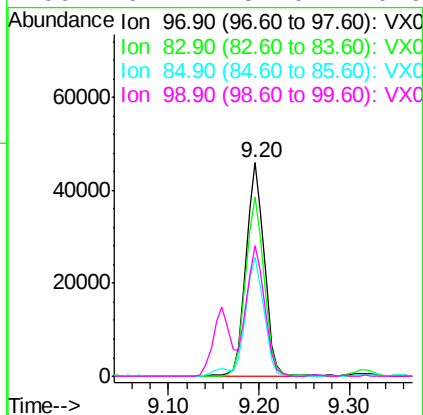
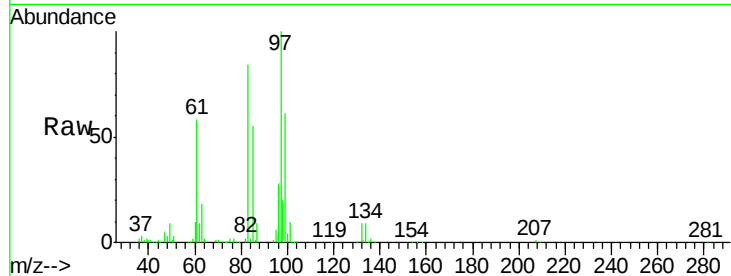
#55
 1,1,2-Trichloroethane
 Concen: 18.954 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion:	97	Resp:	64788
Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.9	106.3
85	55.5	43.4	65.2
99	61.2	51.0	76.6

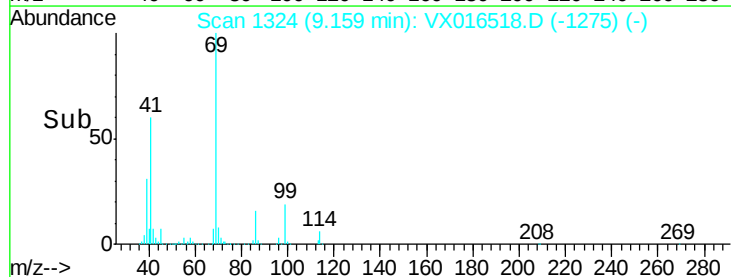
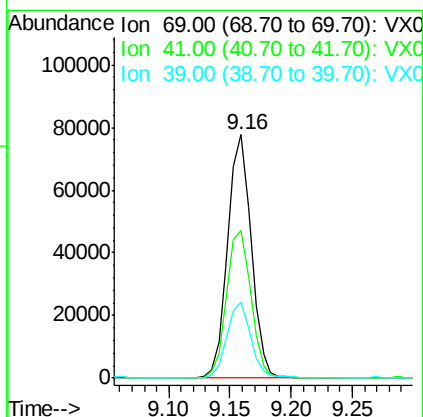
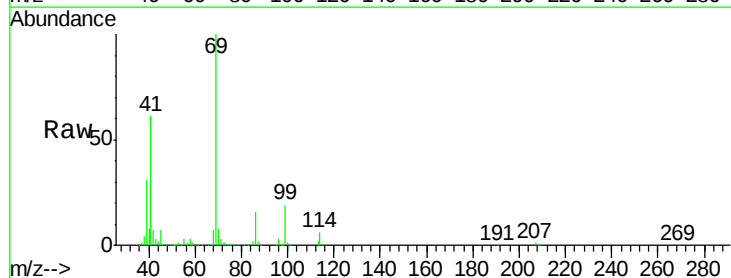
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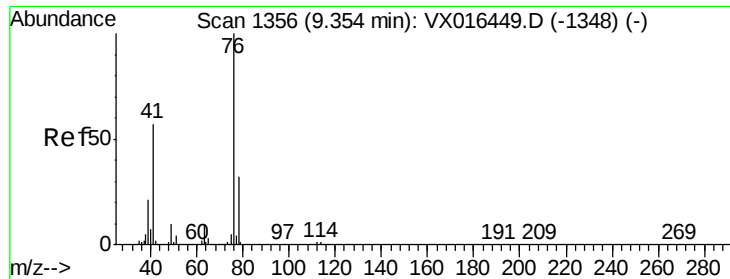
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#56
 Ethyl methacrylate
 Concen: 18.654 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion:	69	Resp:	103847
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.7	76.1
39	31.3	25.8	38.6





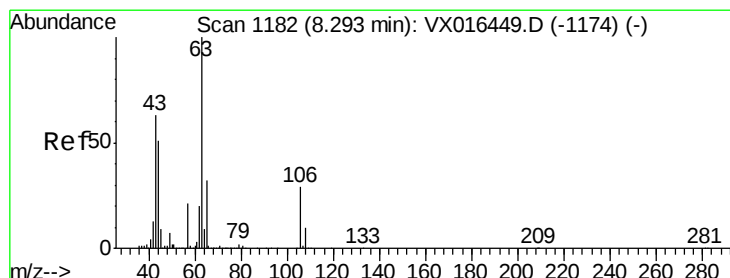
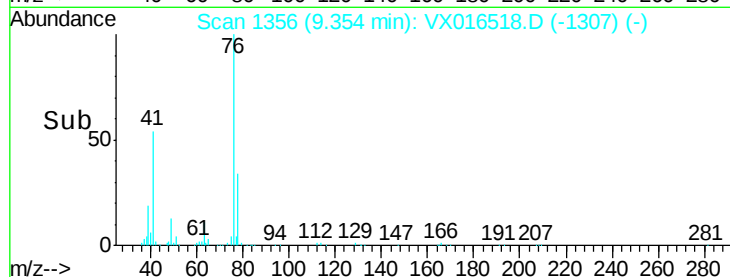
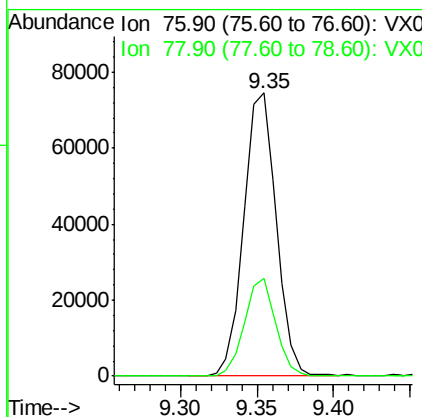
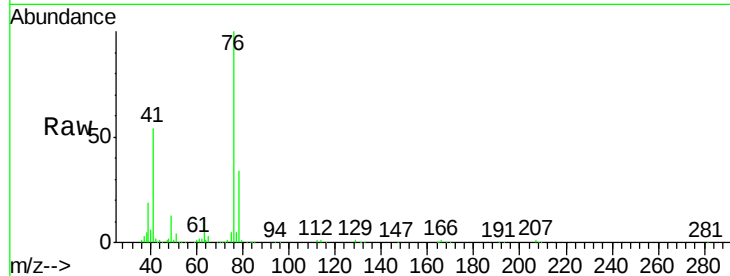
#57
 1,3-Dichloropropane
 Concen: 18.796 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion: 76 Resp: 110280
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.4

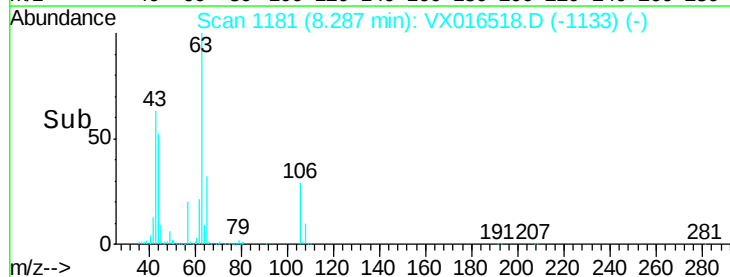
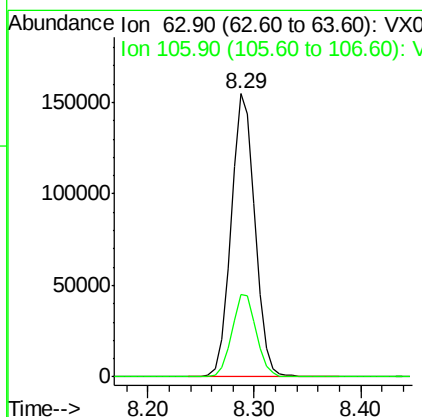
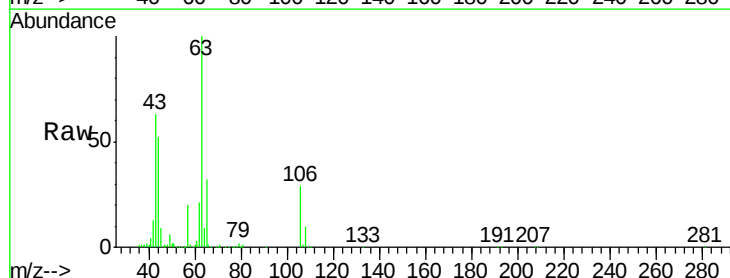
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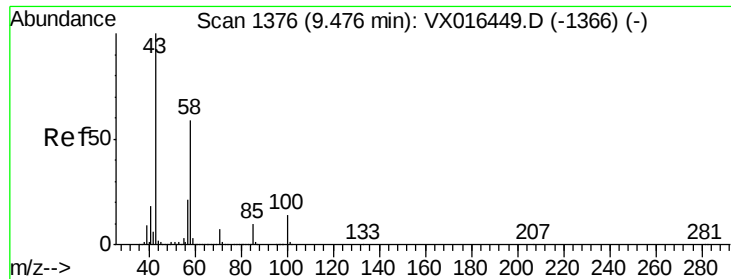
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#58
 2-Chloroethyl Vinyl ether
 Concen: 83.753 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion: 63 Resp: 243365
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.2 34.8





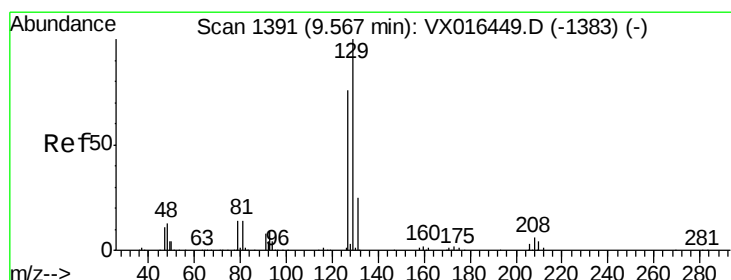
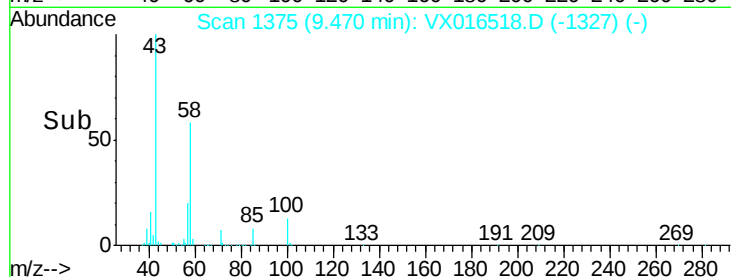
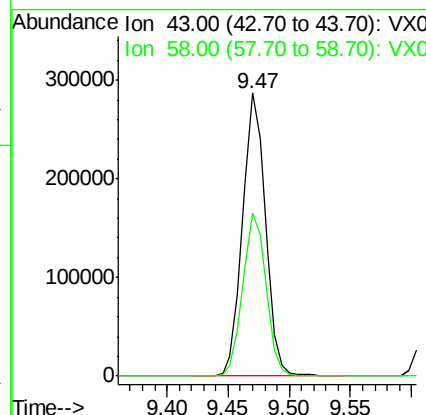
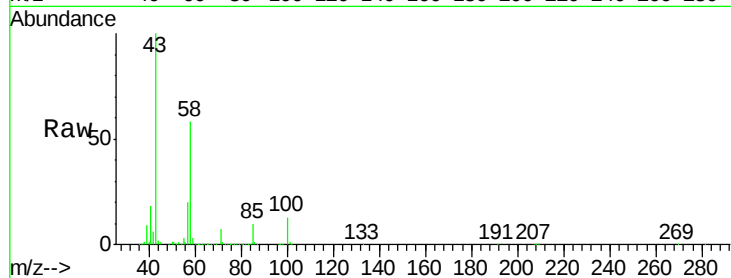
#59
2-Hexanone
Concen: 89.245 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion: 43 Resp: 370489
Ion Ratio Lower Upper
43 100
58 58.8 28.8 86.4

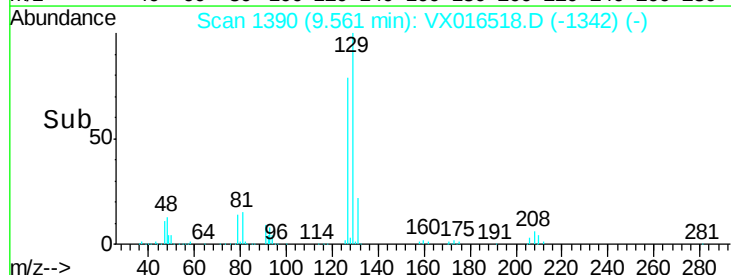
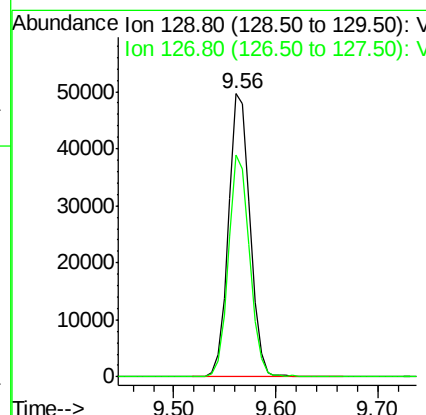
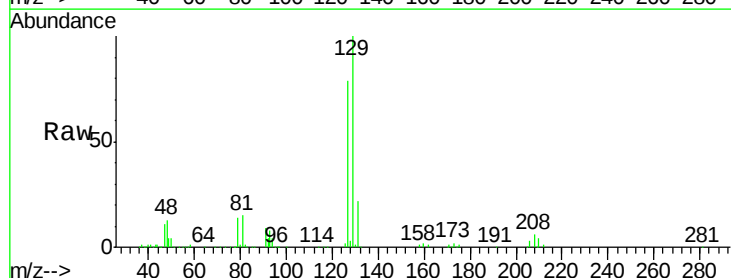
Manual Integrations
APPROVED

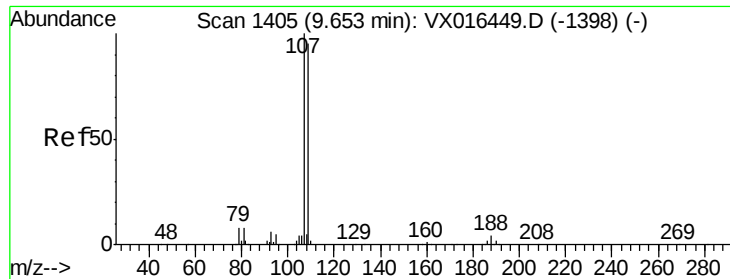
MMDadoda
6/2/2020 11:35:01 AM



#60
Dibromochloromethane
Concen: 18.808 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 129 Resp: 72348
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





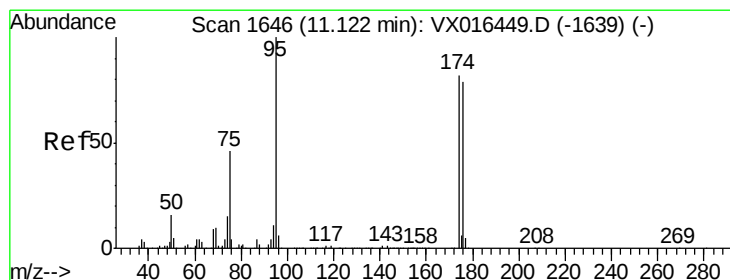
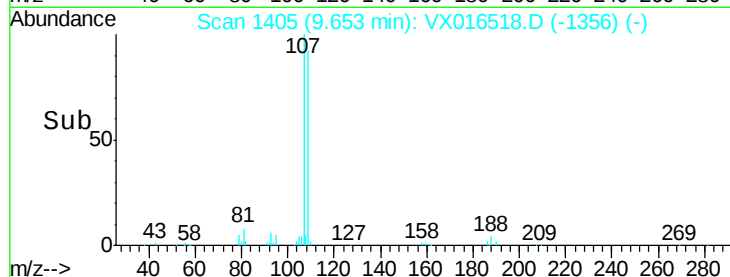
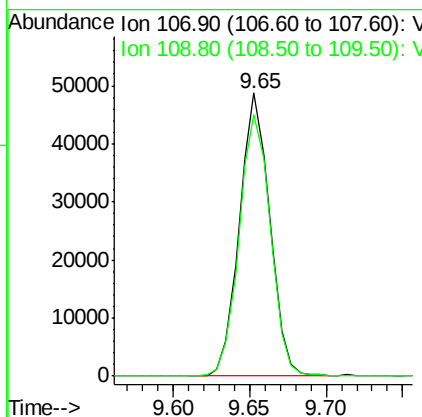
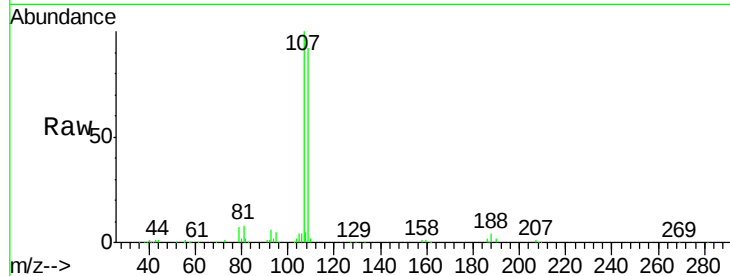
#61
 1,2-Dibromoethane
 Concen: 18.335 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0601WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	75.5	113.3

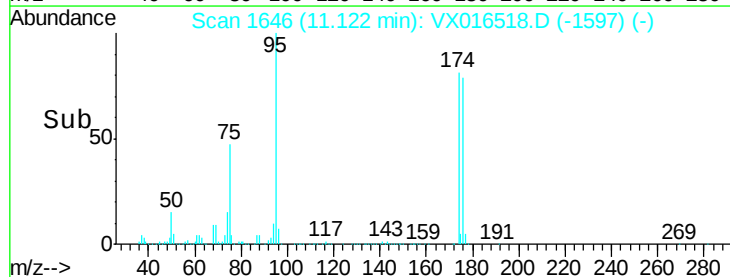
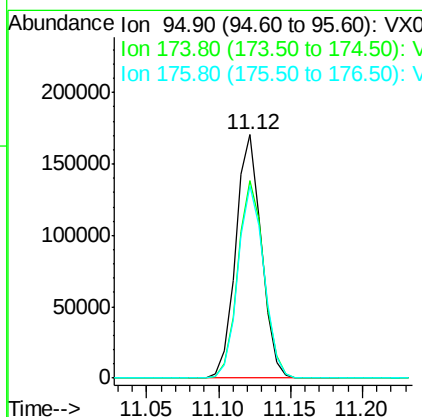
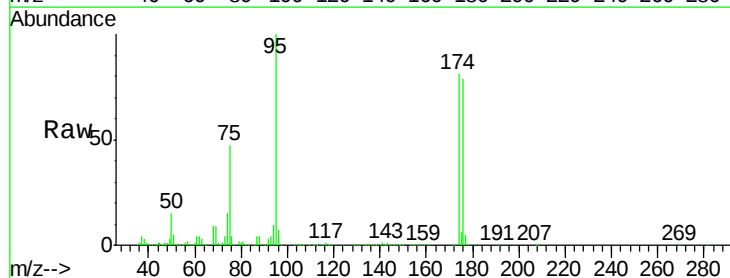
Manual Integrations
 APPROVED

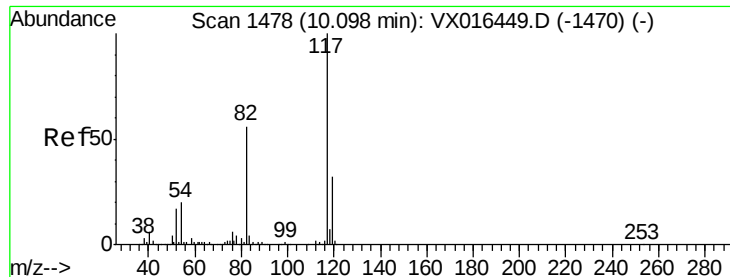
MMDadoda
 6/2/2020 11:35:01 AM



#62
 4-Bromofluorobenzene
 Concen: 47.316 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	163.0
176	79.8	0.0	156.8





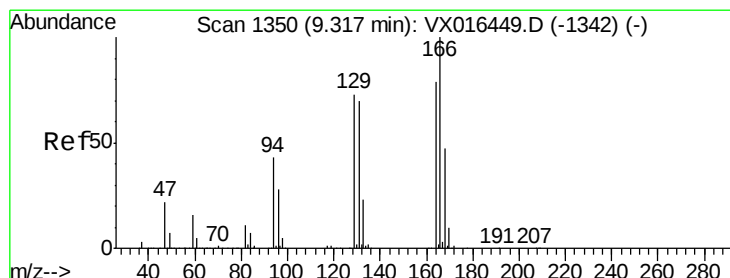
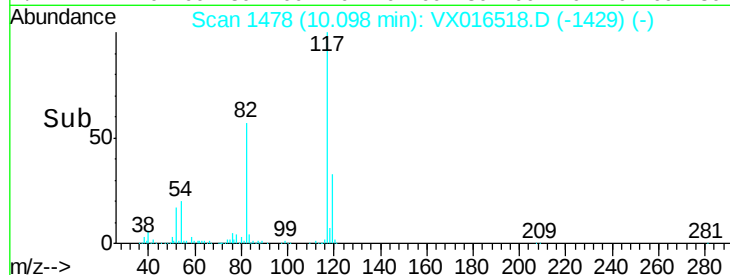
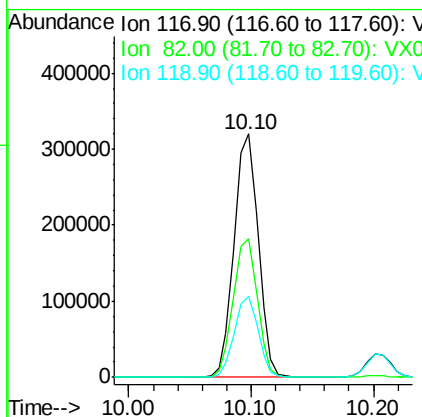
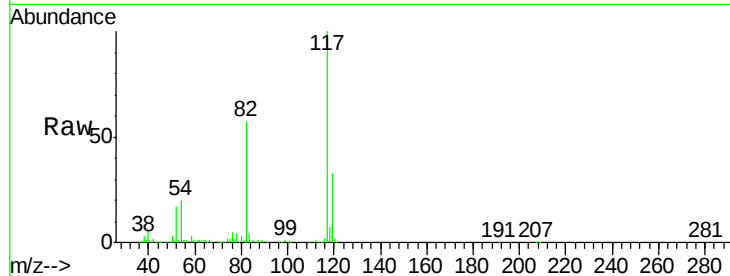
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampled :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.6
119	33.3	25.8	38.8

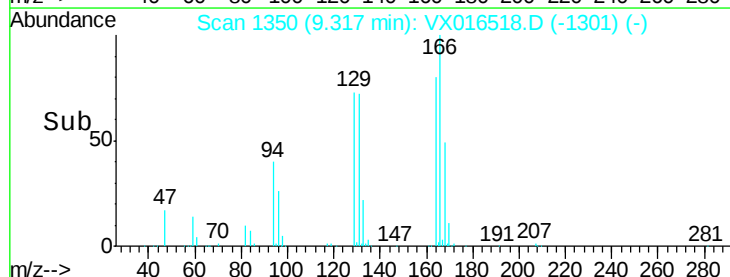
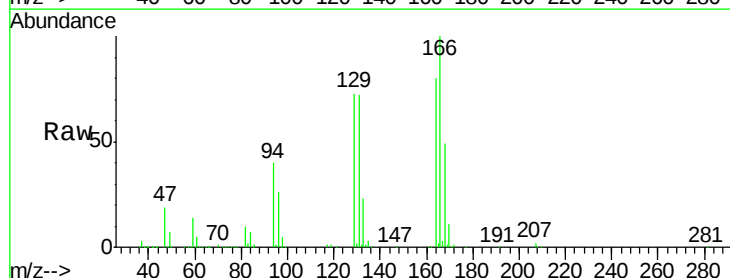
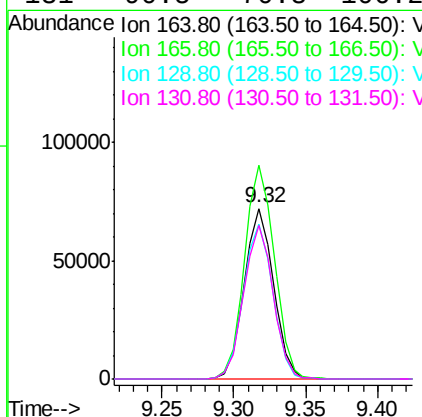
Manual Integrations
APPROVED

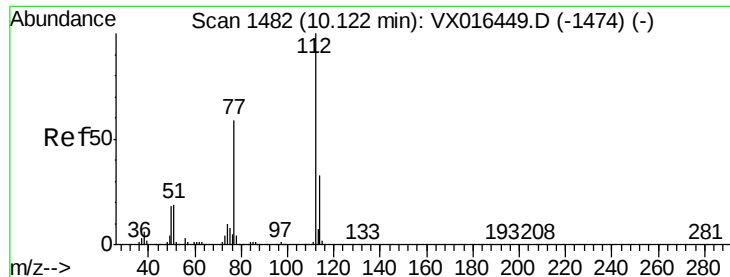
MMDadoda
6/2/2020 11:35:01 AM



#64
Tetrachloroethene
Concen: 20.729 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	100.9	151.3
129	91.1	73.2	109.8
131	90.5	70.8	106.2





#65

Chlorobenzene

Concen: 19.524 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion:112 Resp: 174043

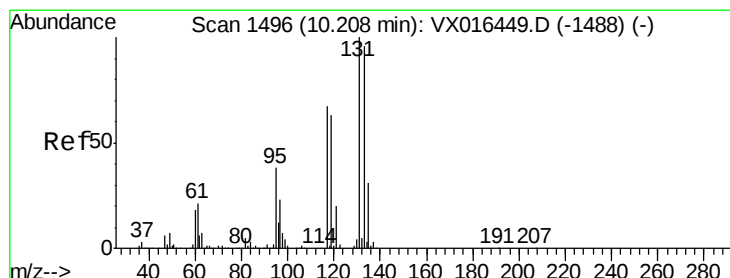
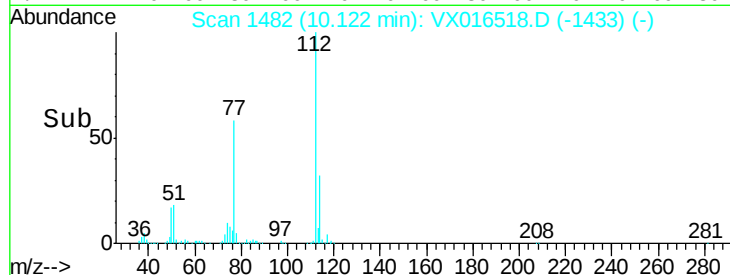
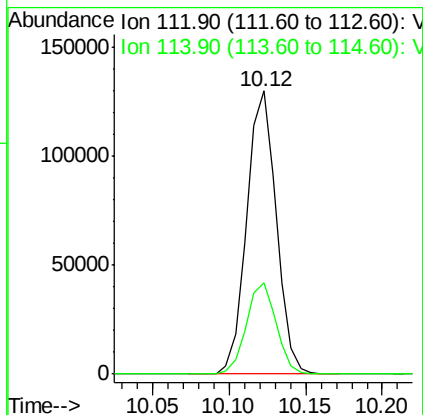
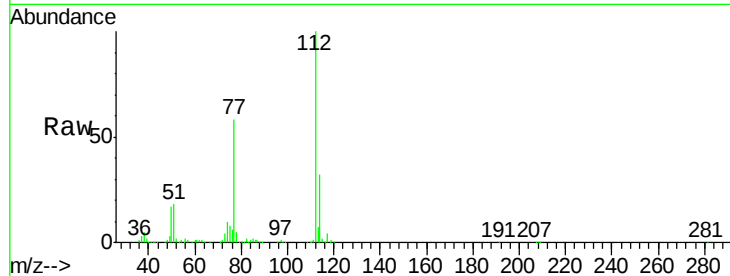
Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:35:01 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.303 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

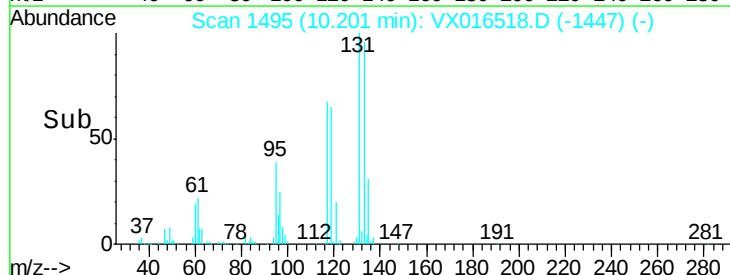
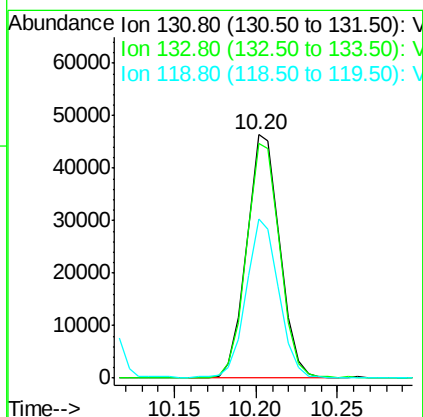
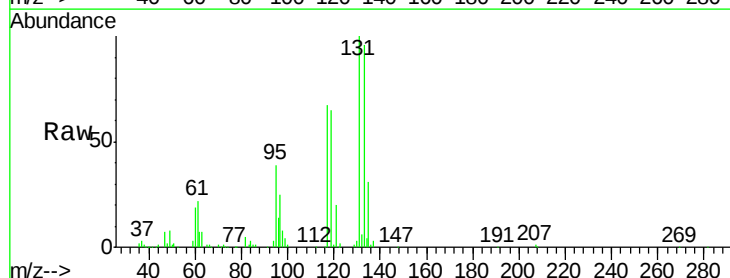
Tgt Ion:131 Resp: 65687

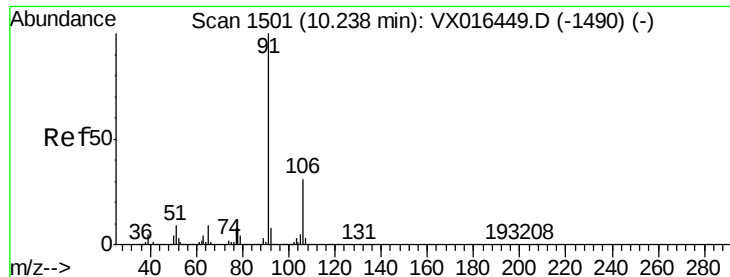
Ion Ratio Lower Upper

131 100

133 97.4 48.4 145.3

119 64.6 32.0 96.2





#67

Ethyl Benzene

Concen: 19.718 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion: 91 Resp: 312958

Ion Ratio Lower Upper

91 100

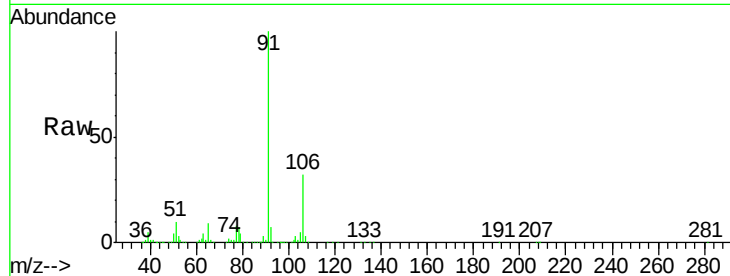
106 31.8 25.0 37.4

Manual Integrations

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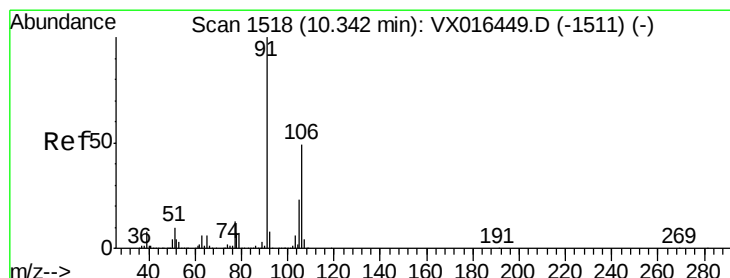
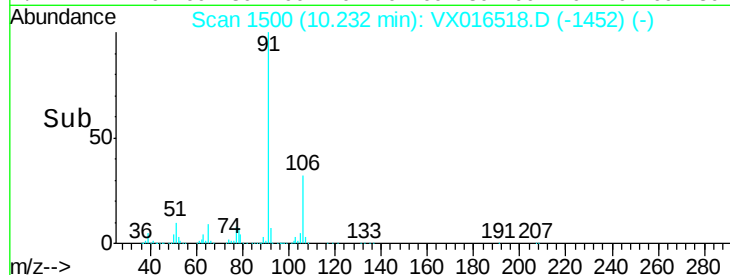
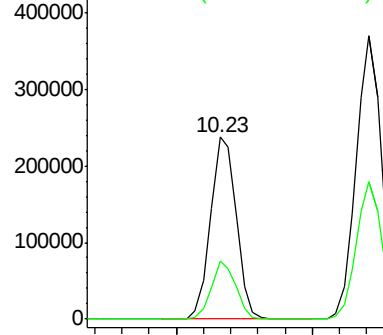
MMDadoda

6/2/2020 11:35:01 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.992 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016518.D

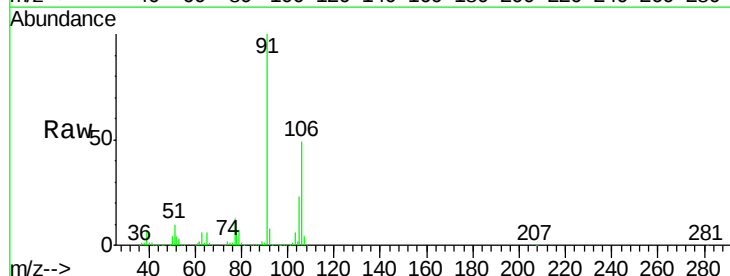
Acq: 01 Jun 2020 10:56

Tgt Ion: 106 Resp: 235340

Ion Ratio Lower Upper

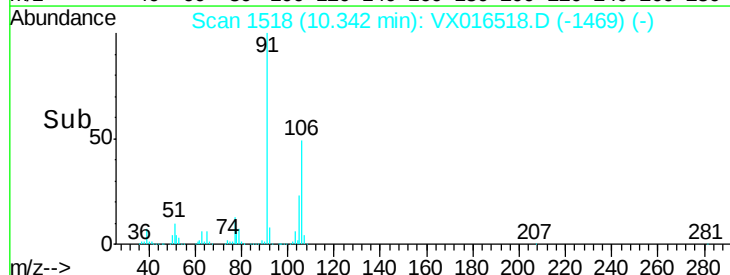
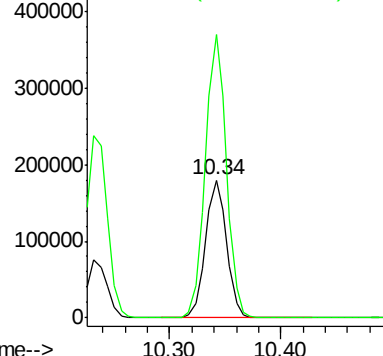
106 100

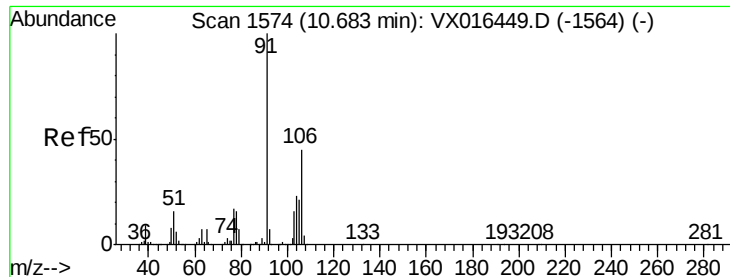
91 204.6 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





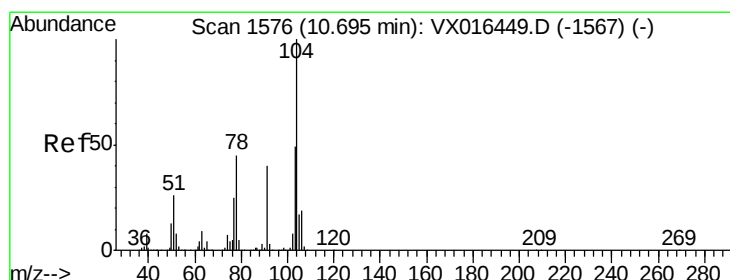
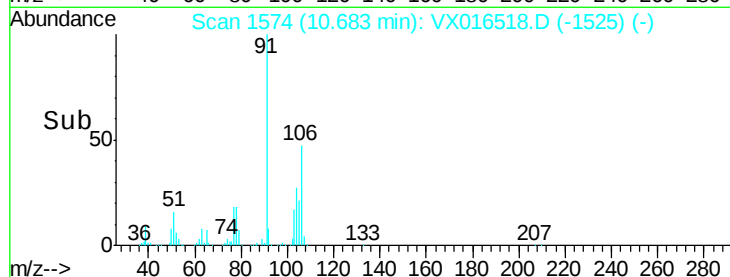
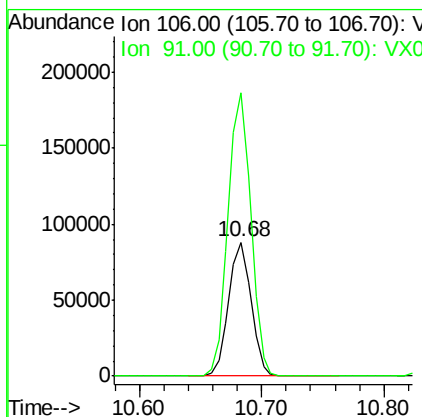
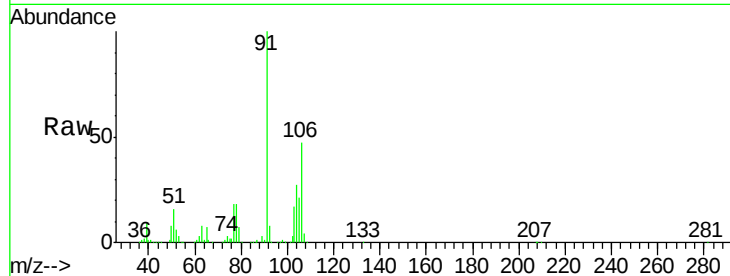
#69
o-Xylene
Concen: 19.664 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampled :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.3	109.6	328.8

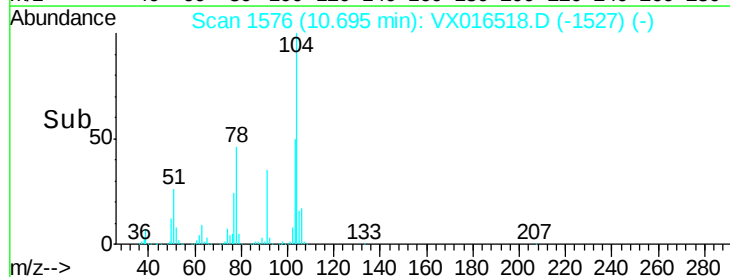
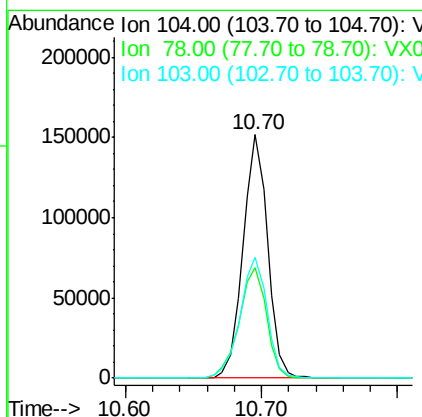
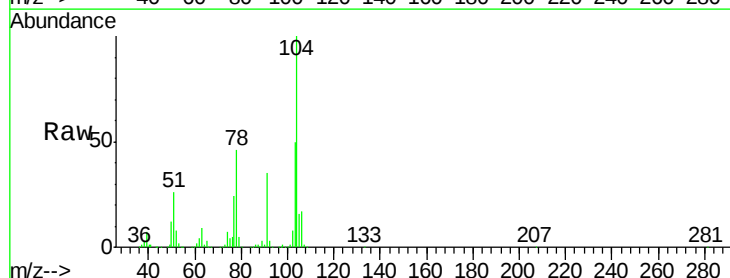
Manual Integrations
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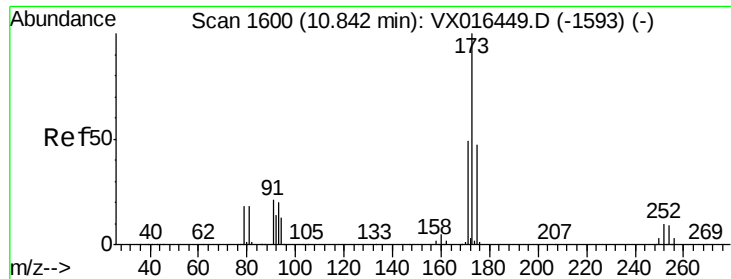
MMDadoda
6/2/2020 11:35:01 AM



#70
Styrene
Concen: 19.540 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.7	40.2	60.2
103	54.4	43.1	64.7





#71

Bromoform

Concen: 19.170 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

Tot Ion:173 Resp: 55130

Ion Ratio Lower Upper

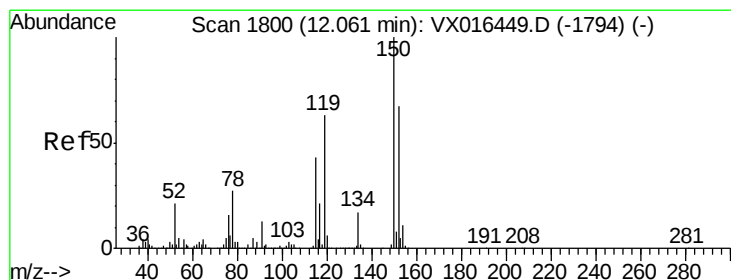
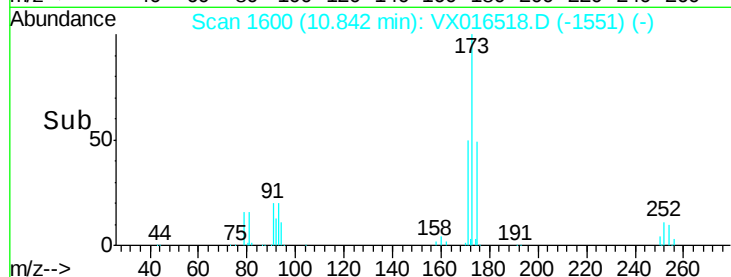
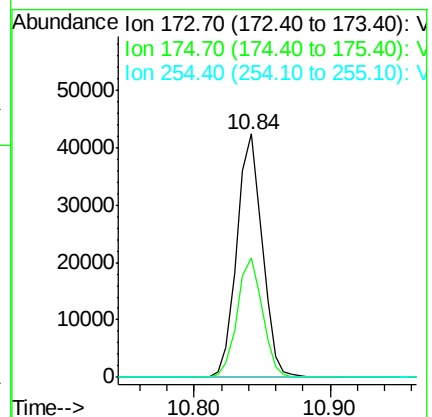
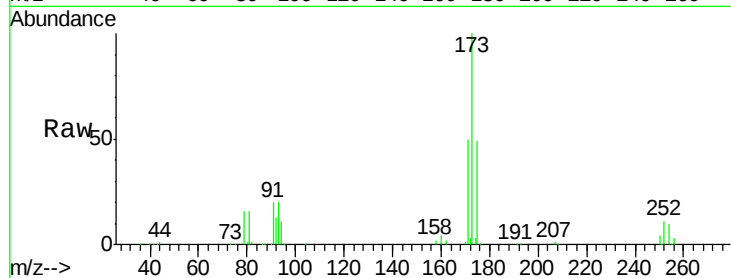
173 100

175 48.8 23.9 71.7

254 0.1 0.1 0.1#

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6/2/2020 11:35:01 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

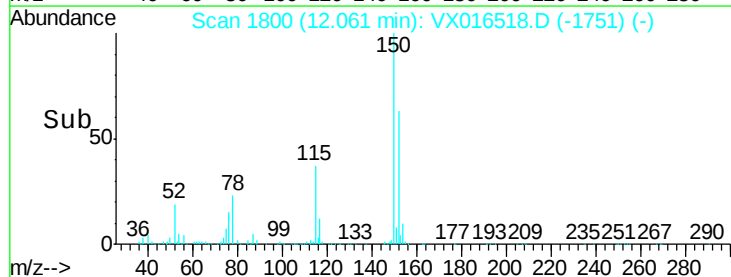
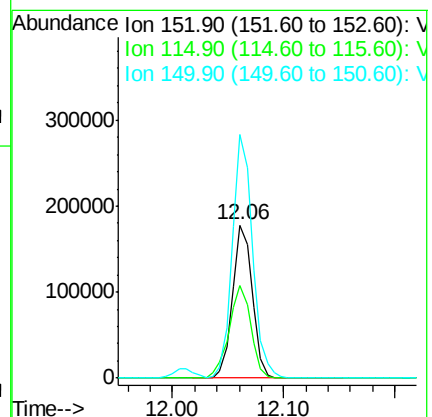
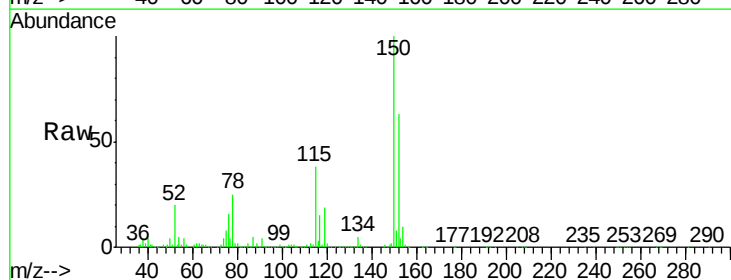
Tgt Ion:152 Resp: 217411

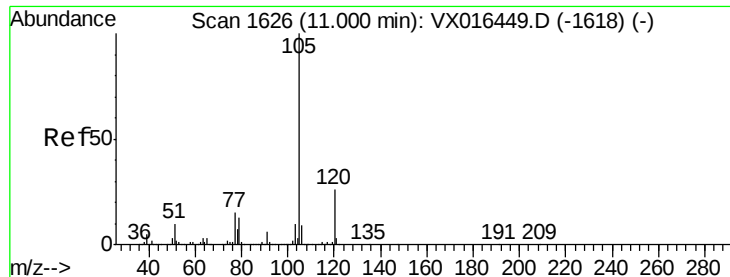
Ion Ratio Lower Upper

152 100

115 67.1 39.9 119.6

150 163.4 0.0 341.0





#73

Isopropylbenzene

Concen: 19.959 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

Tot Ion: 105 Resp: 300662

Ion Ratio Lower Upper

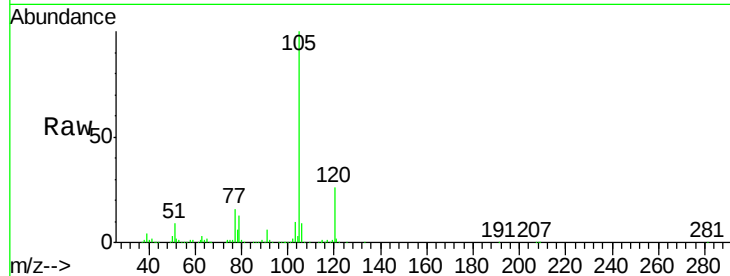
105 100

120 26.0 13.1 39.3

Manual Integrations
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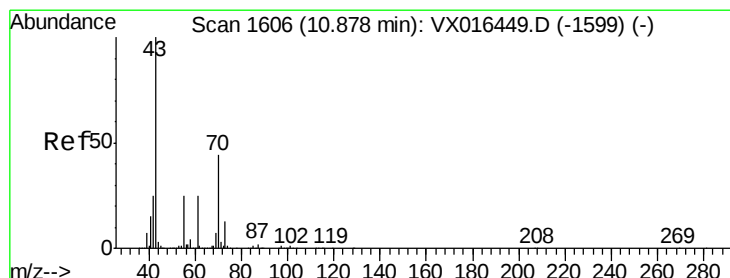
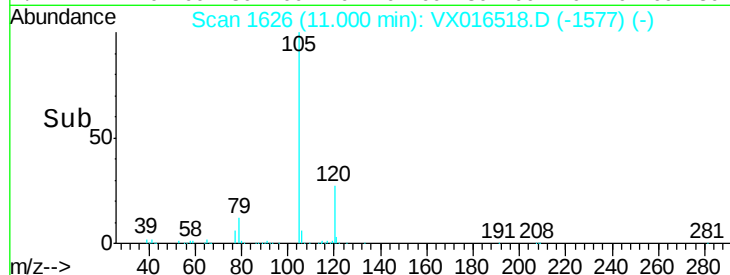
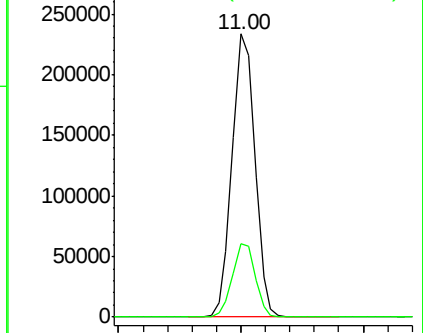
MMDadoda

6/2/2020 11:35:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.718 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Tgt Ion: 43 Resp: 129701

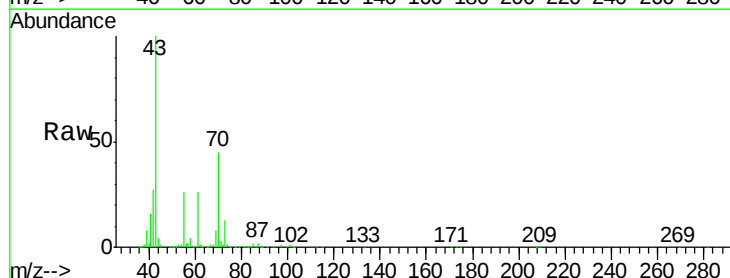
Ion Ratio Lower Upper

43 100

70 46.2 36.1 54.1

55 25.7 20.2 30.4

61 25.5 20.3 30.5

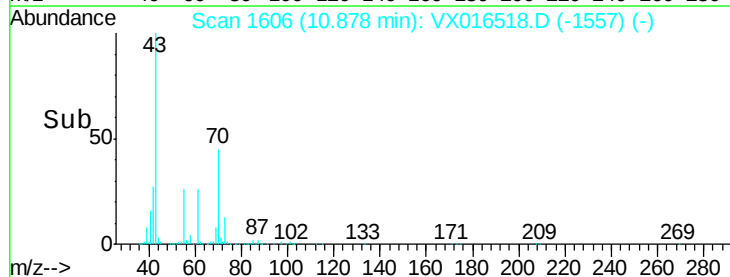
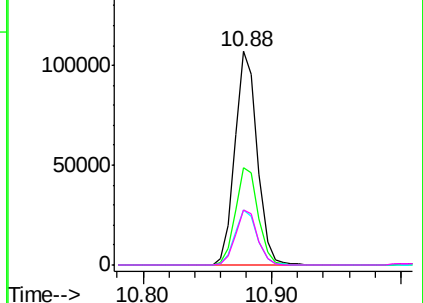


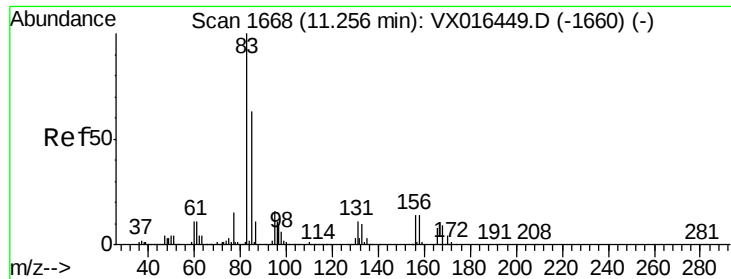
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.070 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

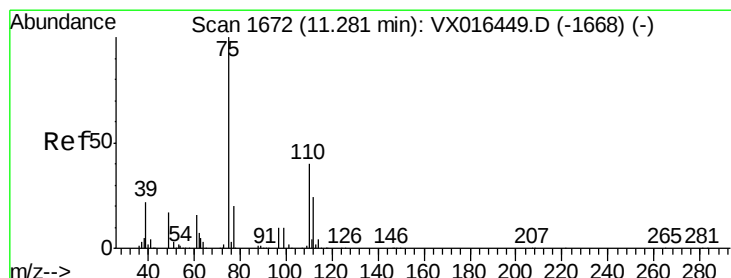
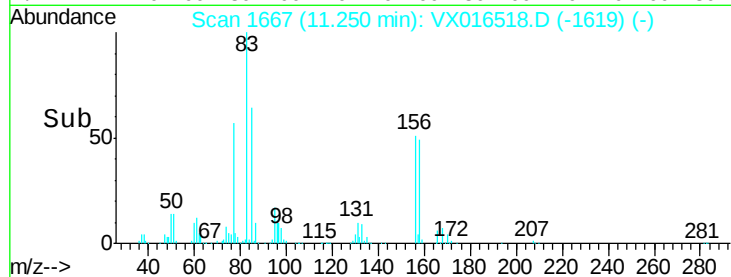
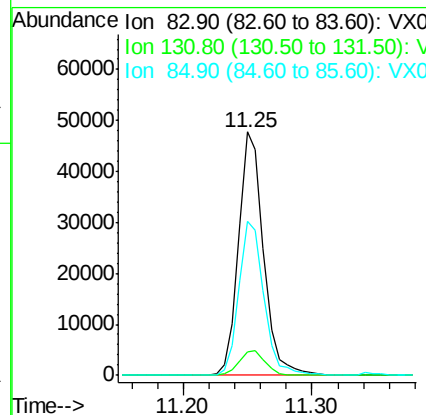
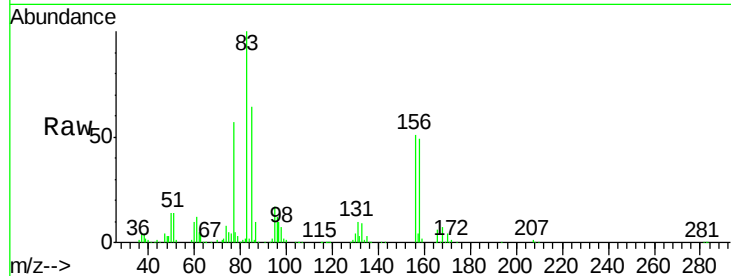
ClientSampleId :

VX0601WBS01

Tot Ion:	83	Resp:	64446
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.1	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:35:01 AM



#76

1,2,3-Trichloropropane

Concen: 19.530 ug/l m

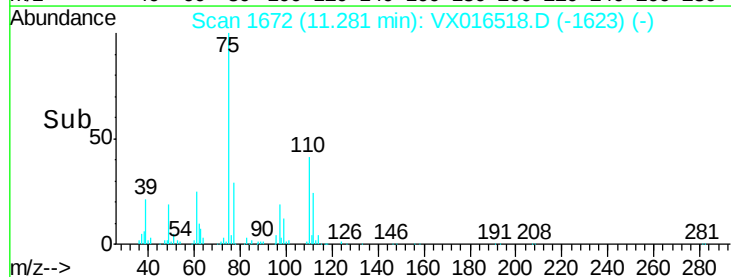
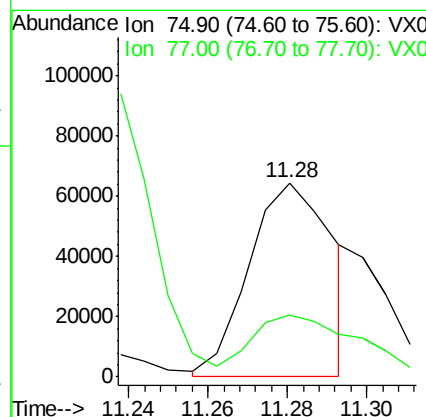
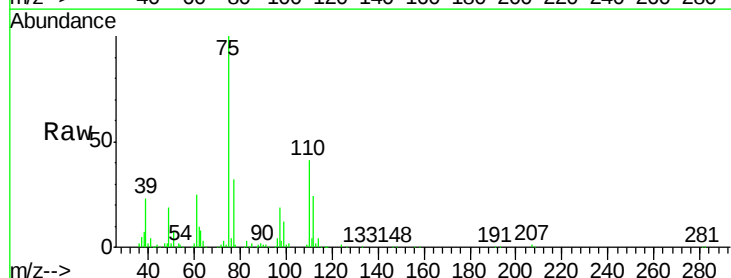
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Tgt Ion:	75	Resp:	93331
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.3	63.7





#77

Bromobenzene

Concen: 19.646 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion:156 Resp: 77623

Ion Ratio Lower Upper

156 100

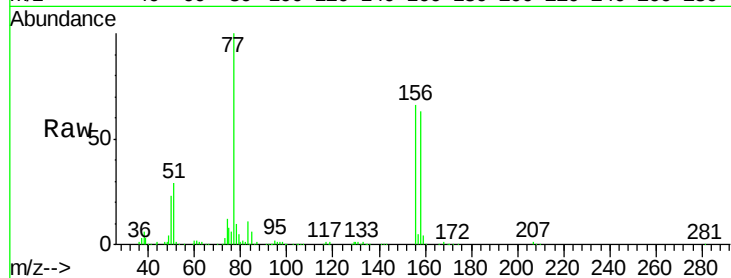
77 155.5 79.6 238.8

158 95.6 48.1 144.4

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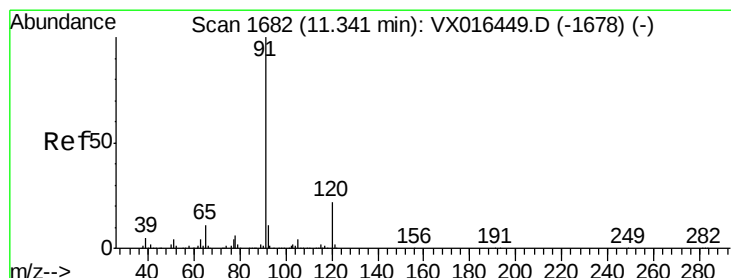
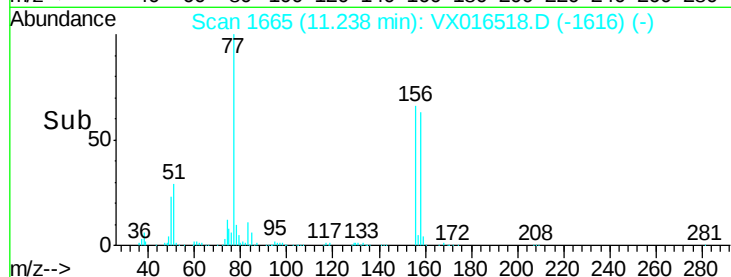
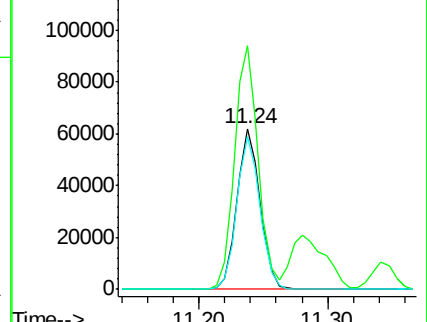
6/2/2020 11:35:01 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.691 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016518.D

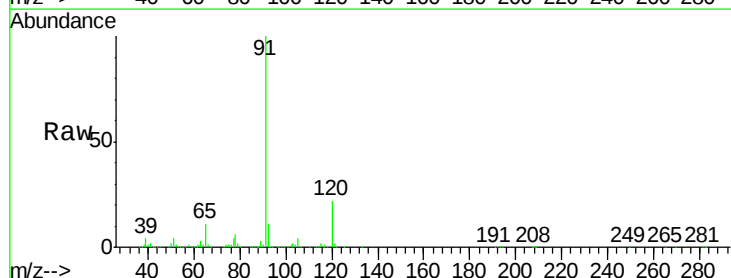
Acq: 01 Jun 2020 10:56

Tgt Ion: 91 Resp: 331400

Ion Ratio Lower Upper

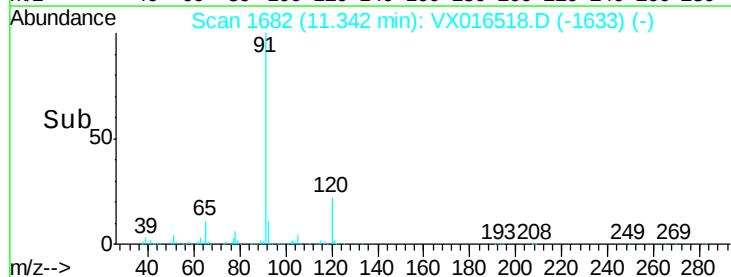
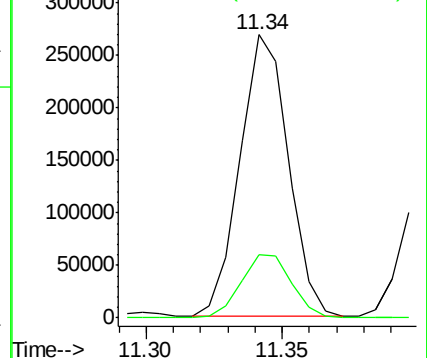
91 100

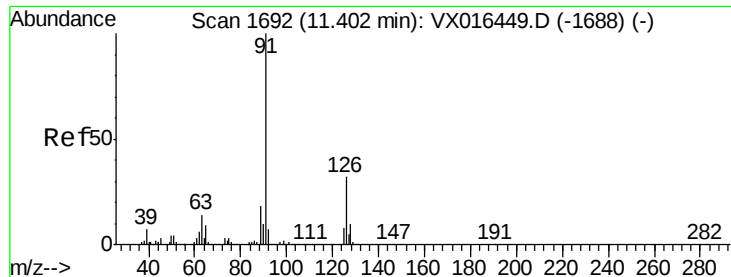
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.773 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

Tot Ion: 91 Resp: 203124

Ion Ratio Lower Upper

91 100

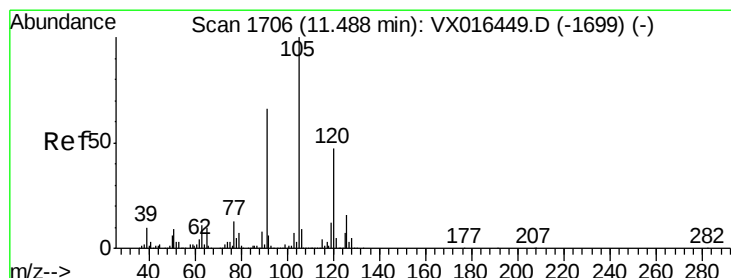
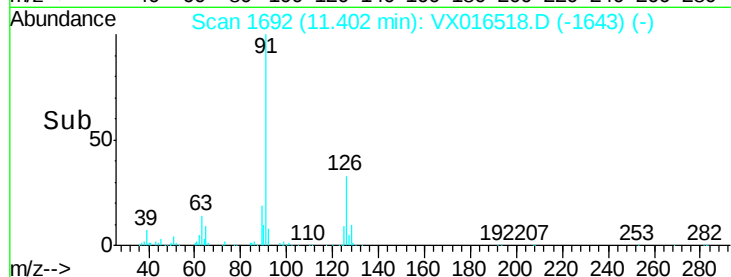
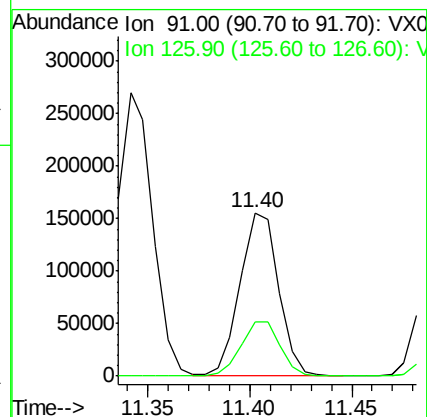
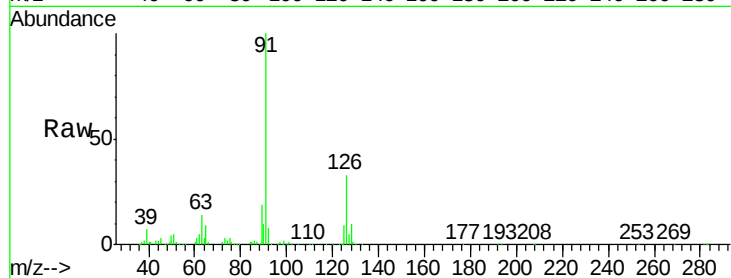
126 34.3 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 20.035 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016518.D

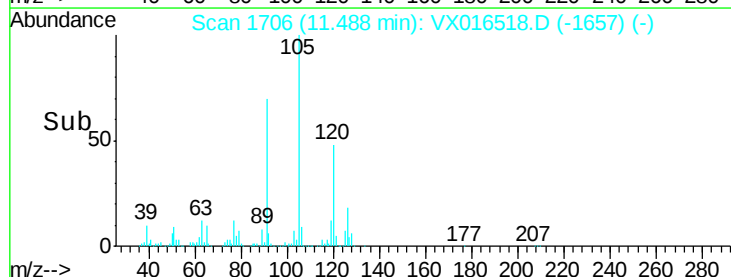
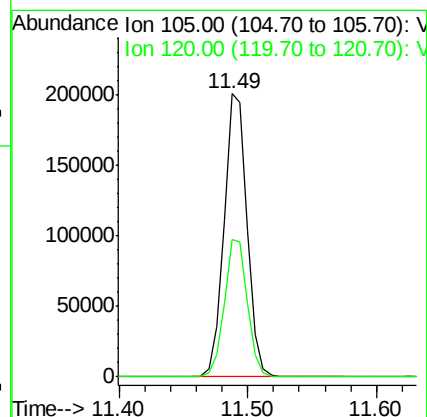
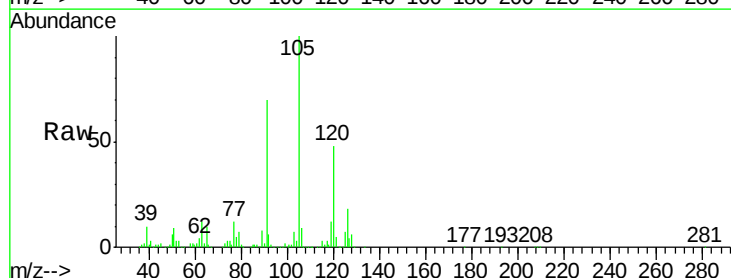
Acq: 01 Jun 2020 10:56

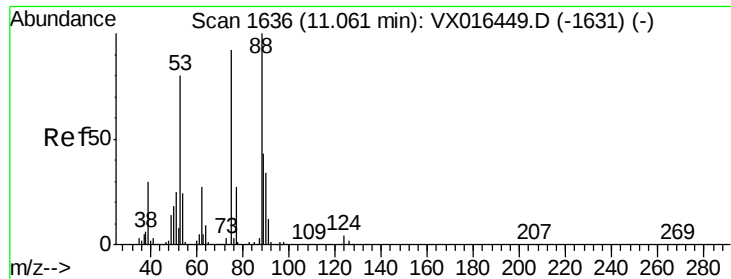
Tgt Ion: 105 Resp: 252000

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





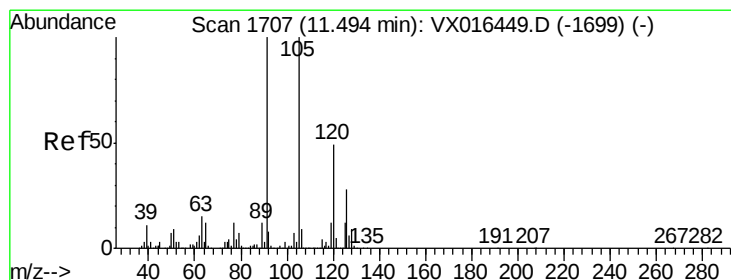
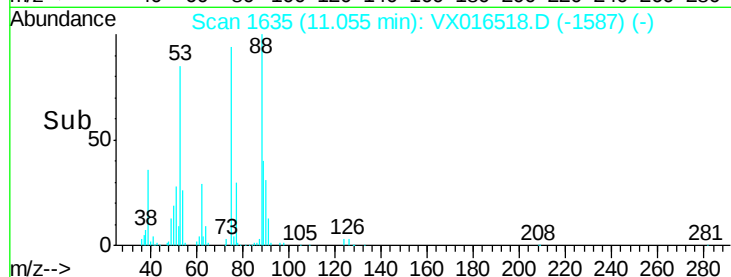
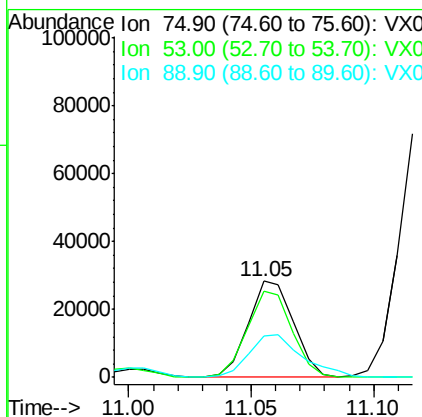
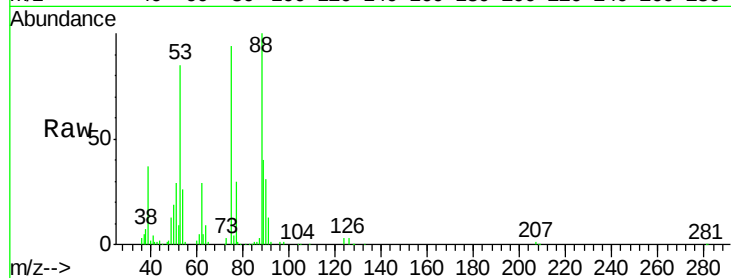
#81
trans-1,4-Dichloro-2-butene
Concen: 18.661 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	71.3	106.9
89	53.6	36.6	55.0

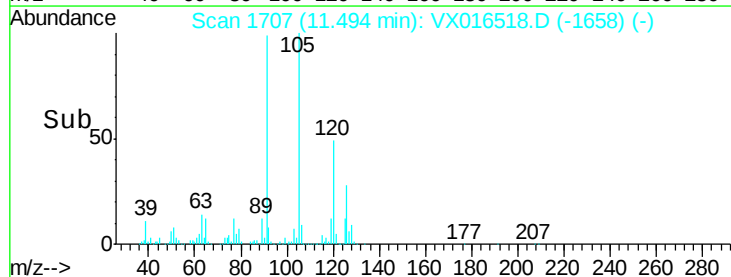
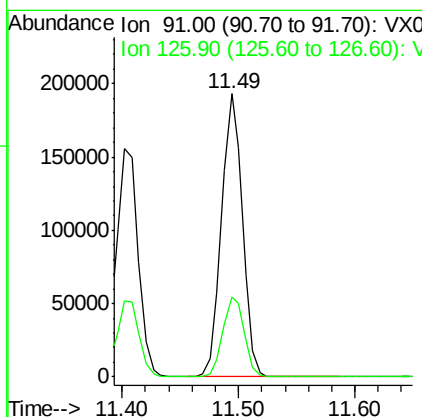
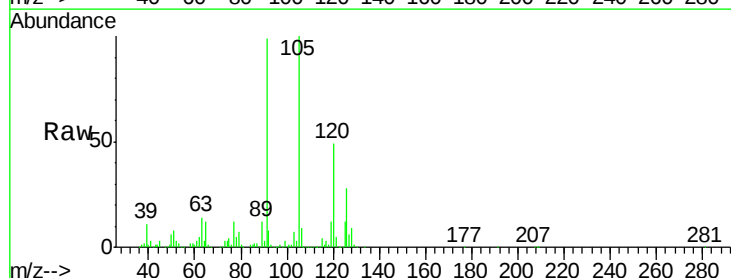
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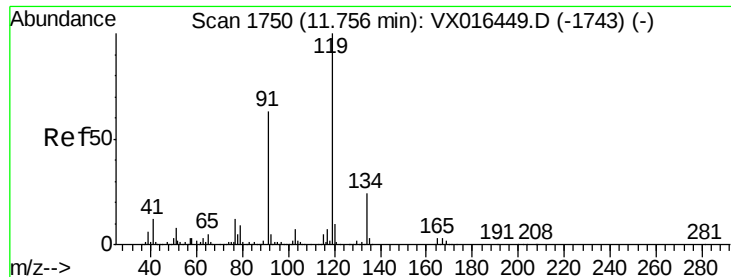
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#82
4-Chlorotoluene
Concen: 19.713 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.7	44.1





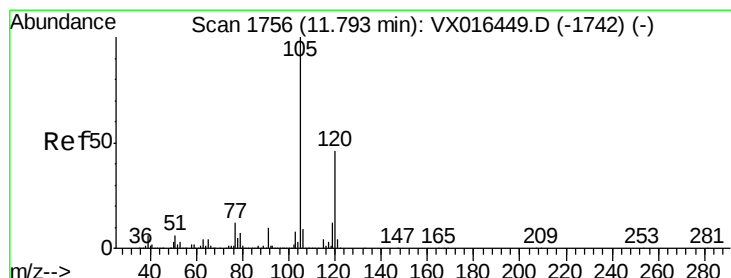
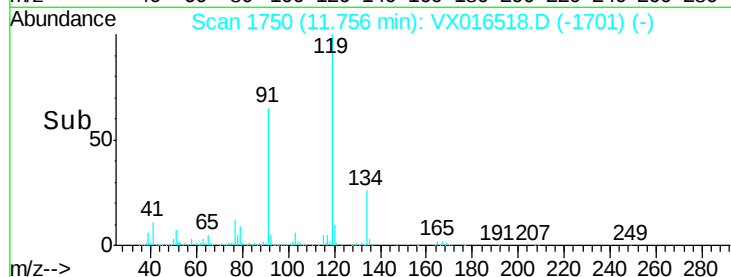
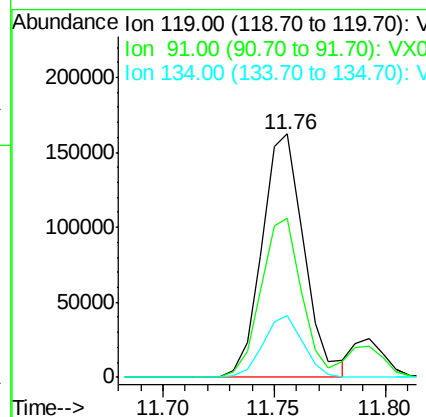
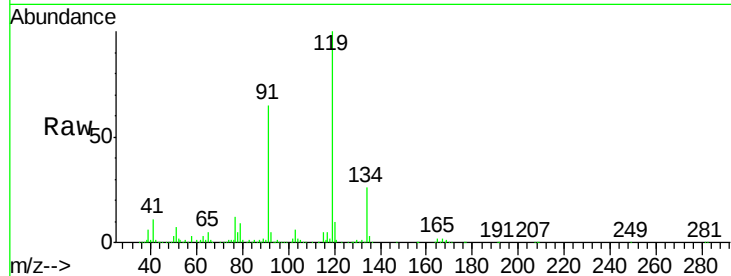
#83
 tert-Butylbenzene
 Concen: 19.815 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	212960		
91	63.2	31.3	93.8	
134	24.0	12.0	36.0	

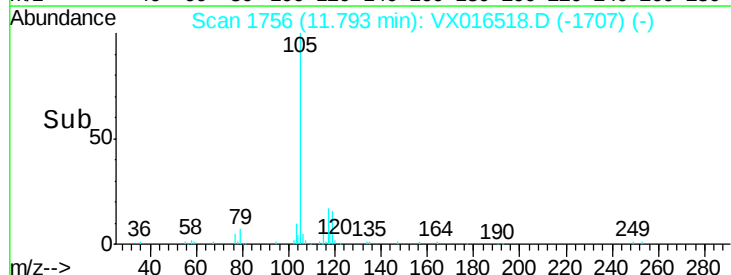
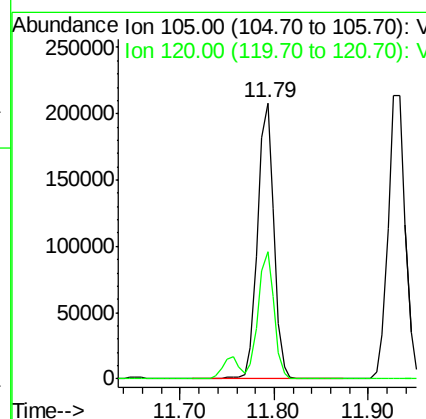
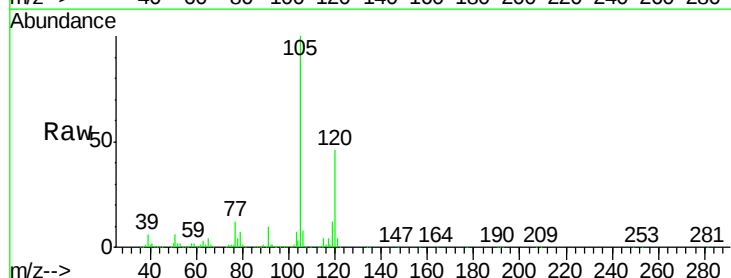
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.018 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254639		
120	45.1	22.6	67.7	





#85

sec-Butylbenzene

Concen: 20.103 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tot Ion:105 Resp: 271039

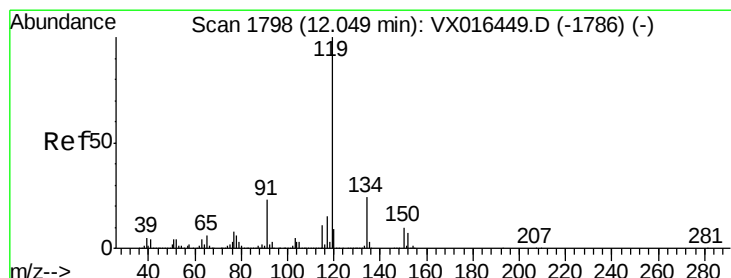
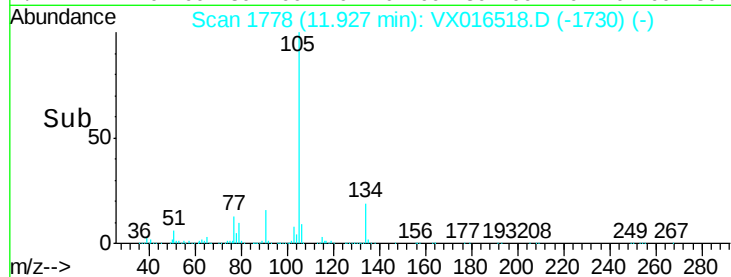
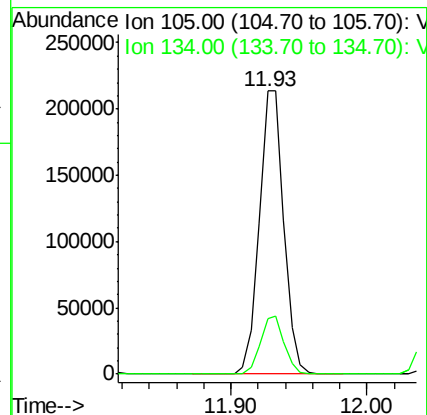
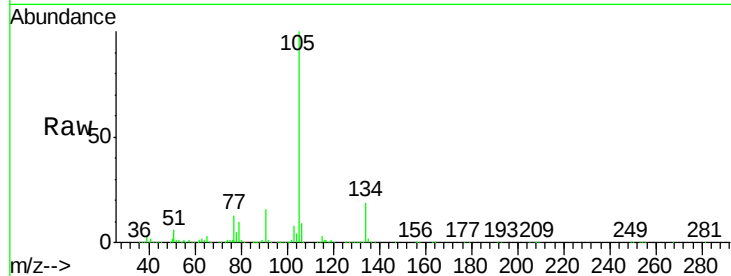
Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 20.318 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

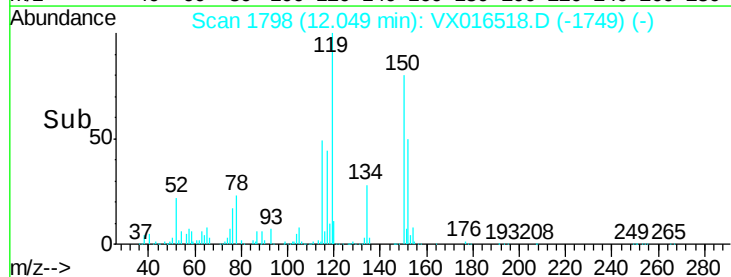
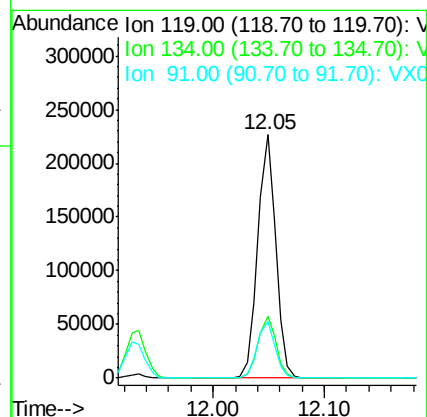
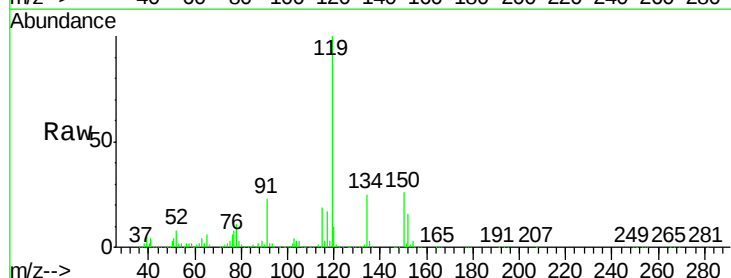
Tgt Ion:119 Resp: 256603

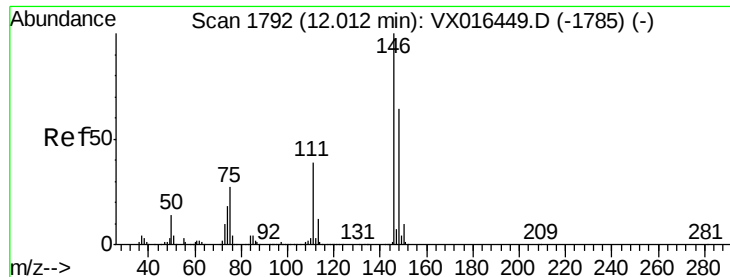
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 23.5 11.7 35.0





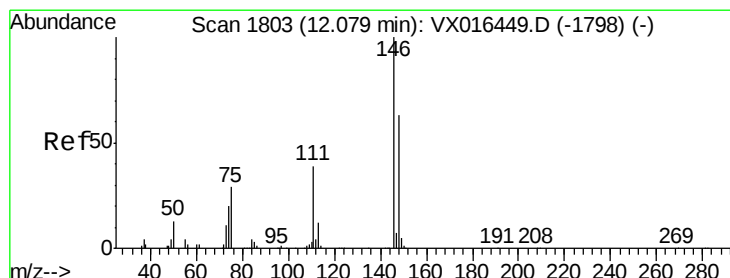
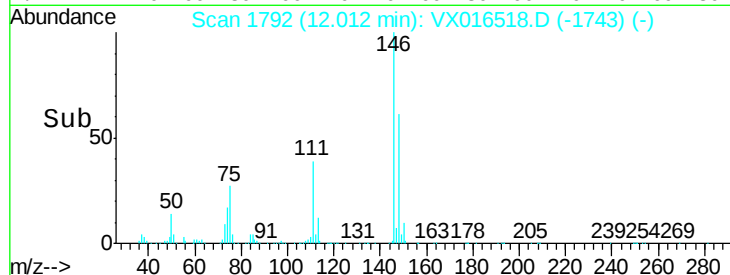
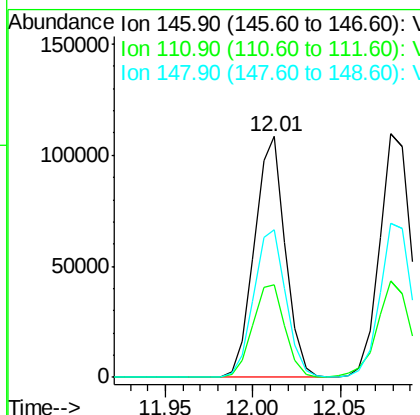
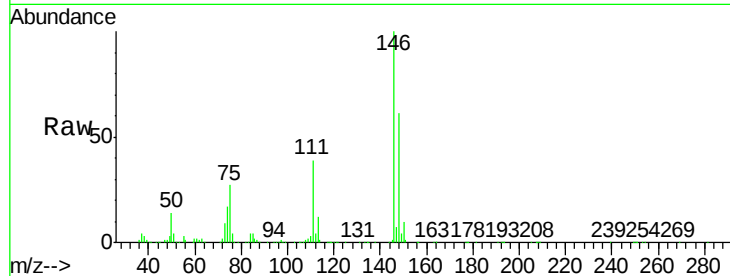
#87
 1,3-Dichlorobenzene
 Concen: 19.638 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0601WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	63.7	31.9	95.5

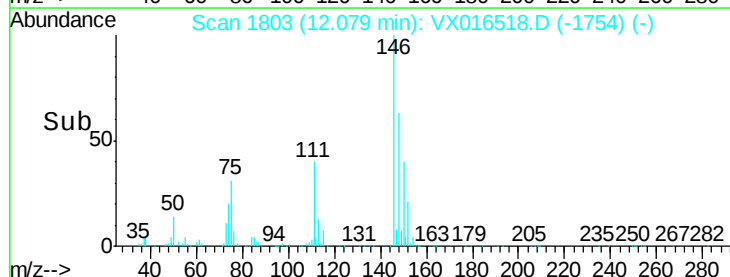
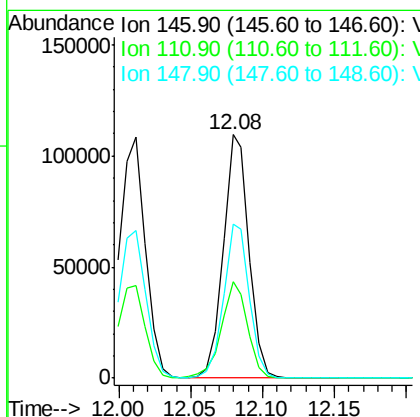
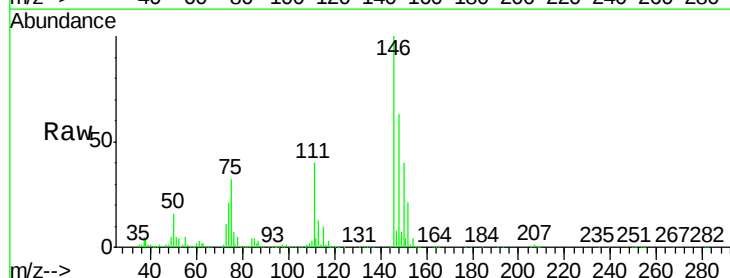
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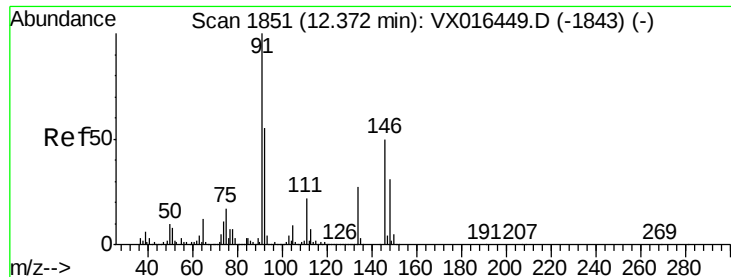
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#88
 1,4-Dichlorobenzene
 Concen: 19.528 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.4	58.2
148	63.4	31.4	94.3





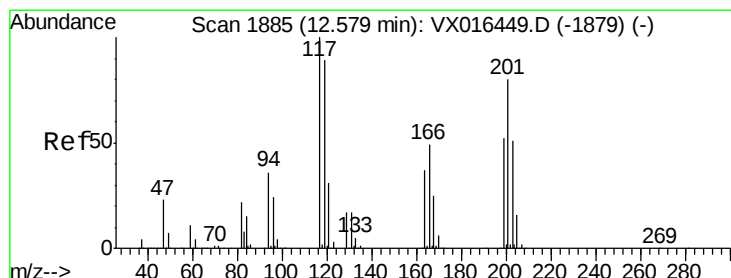
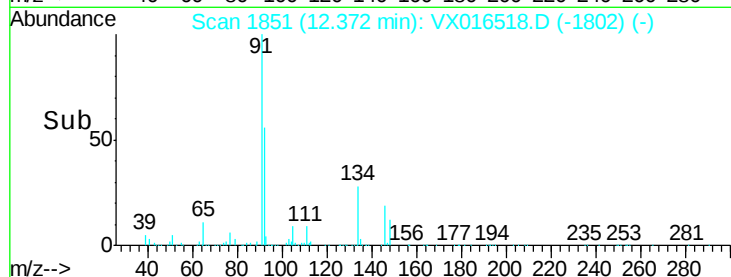
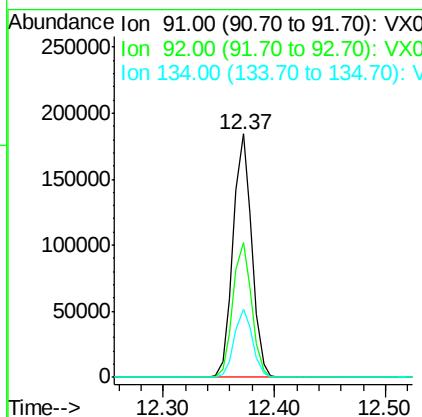
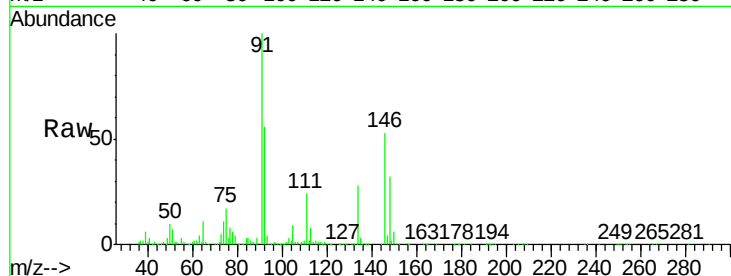
#89
n-Butylbenzene
Concen: 20.274 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.2	81.5
134	27.7	13.1	39.3

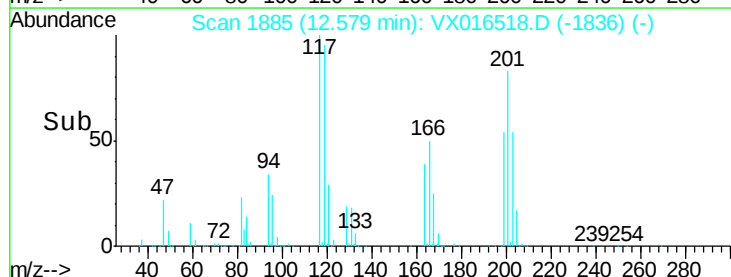
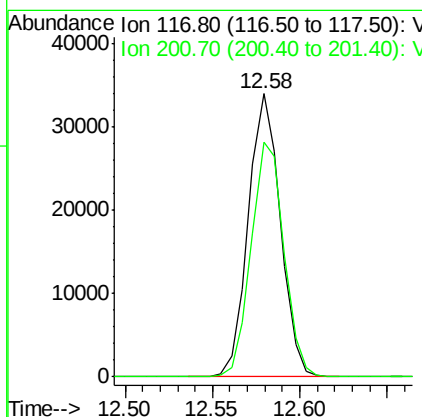
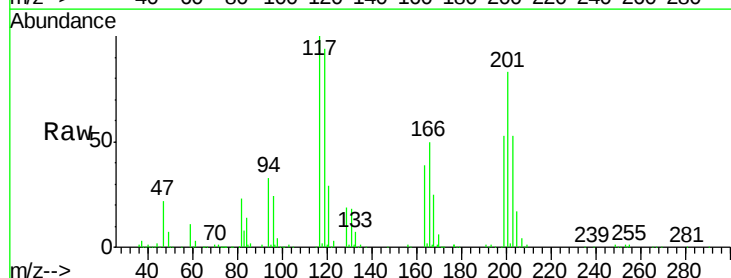
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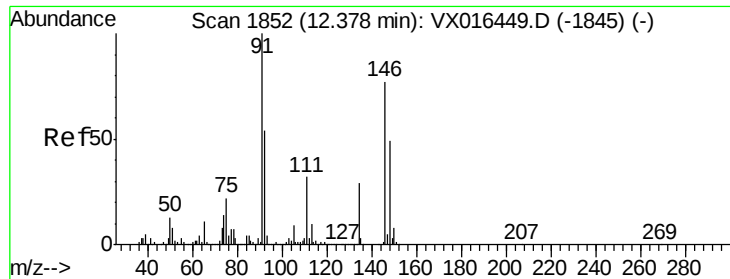
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#90
Hexachloroethane
Concen: 19.766 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.1	129.3





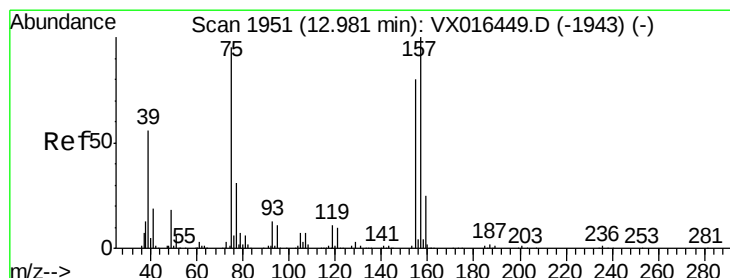
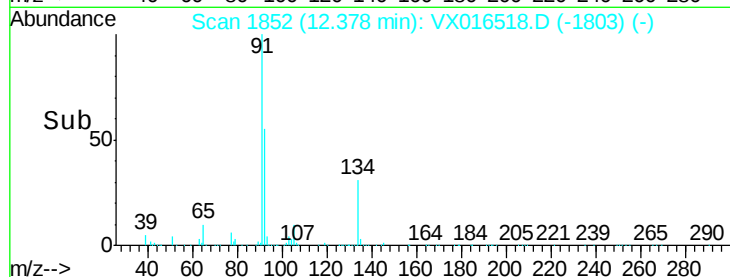
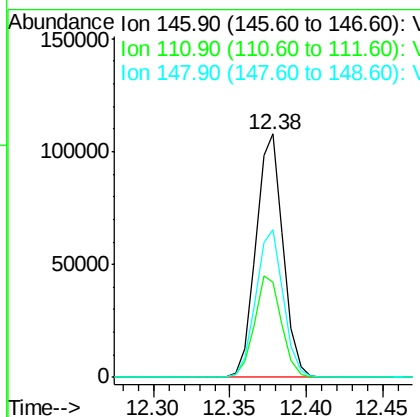
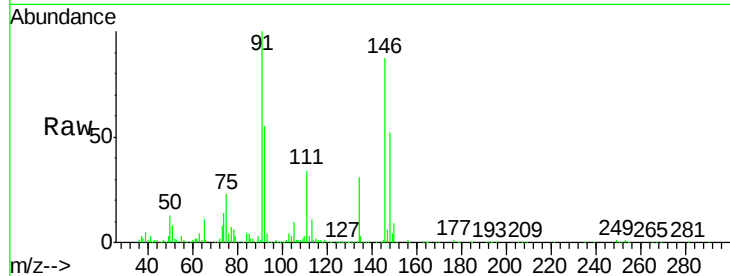
#91
 1,2-Dichlorobenzene
 Concen: 20.056 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.4	64.3
148	61.5	31.9	95.7

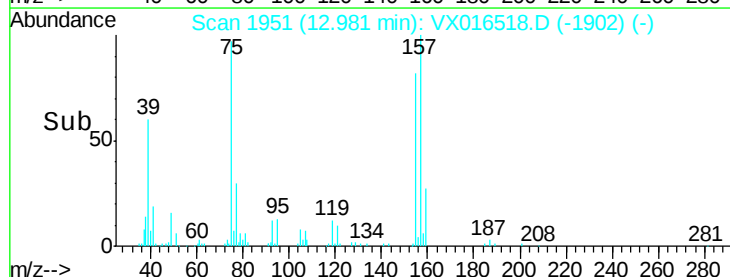
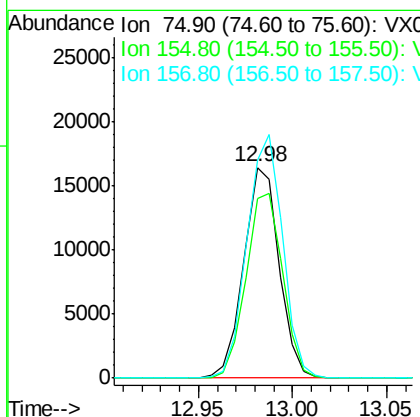
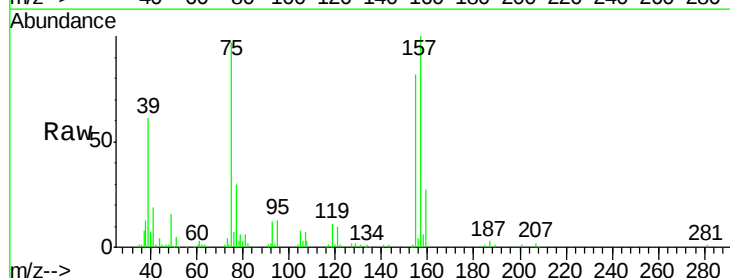
Manual Integrations
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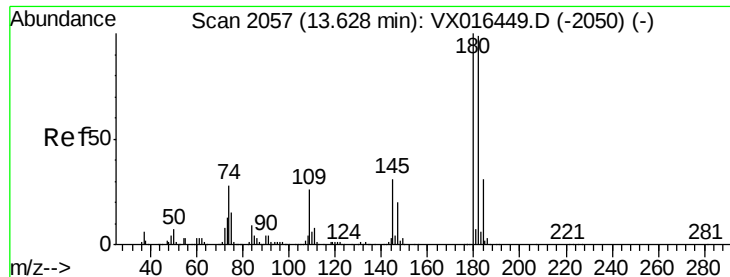
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 6/2/2020 11:35:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.538 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	44.1	132.4
157	116.2	57.8	173.3





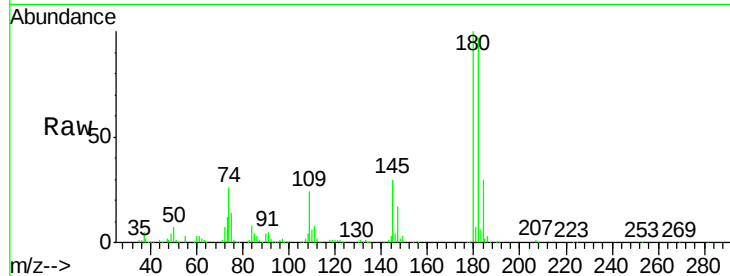
#93
1,2,4-Trichlorobenzene
Concen: 19.407 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampled :
VX0601WBS01

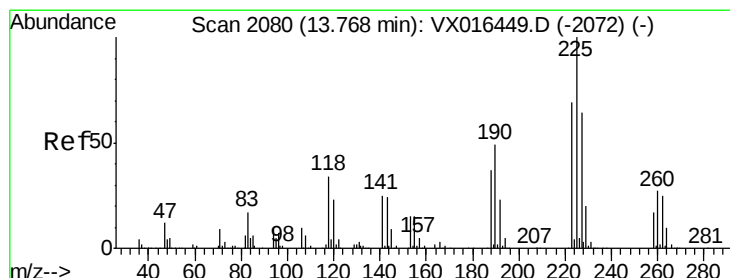
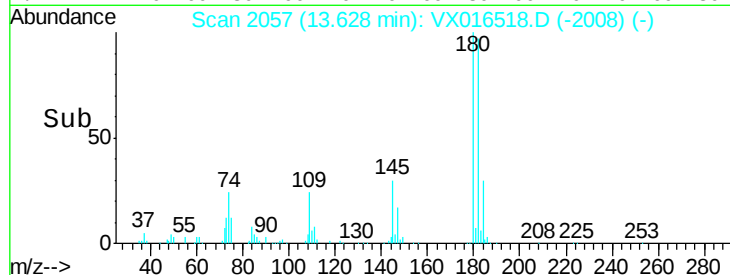
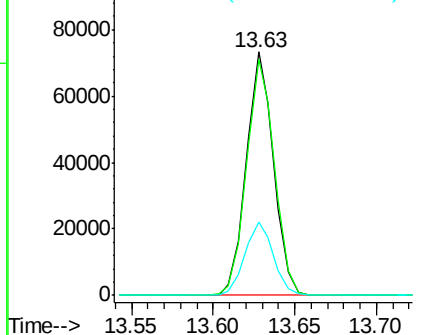
Tot Ion	Ratio	Resp	Lower	Upper
180	100	85477		
182	99.0	48.3	144.8	
145	31.6	15.4	46.2	

Manual Integrations
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MMDadoda
6/2/2020 11:35:01 AM

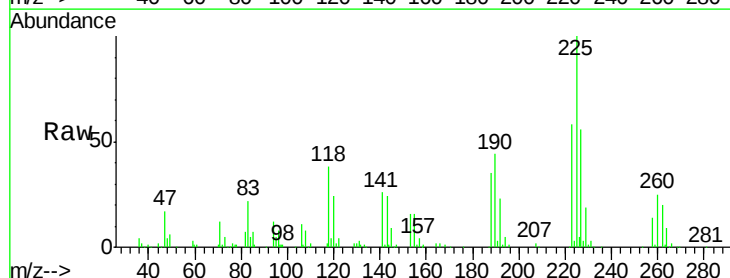


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

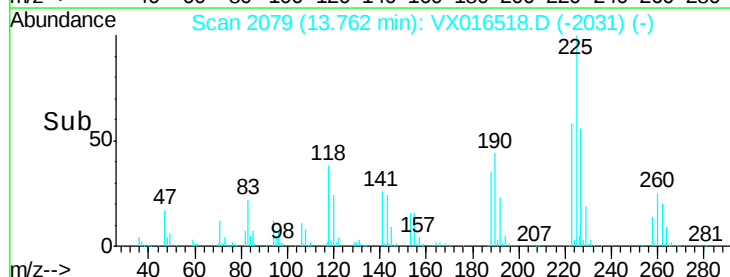
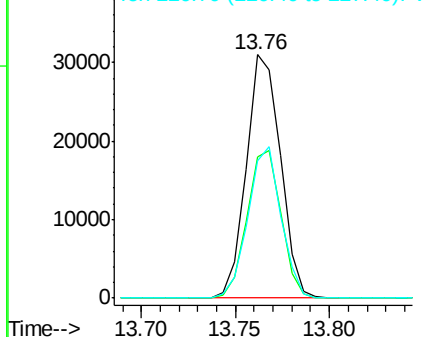


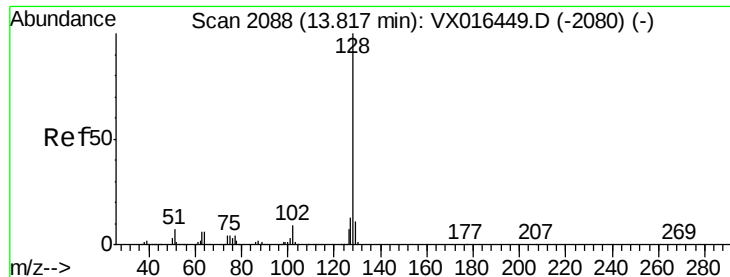
#94
Hexachlorobutadiene
Concen: 22.579 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39046		
223	60.4	32.3	96.8	
227	60.0	31.6	94.7	



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





#95

Naphthalene

Concen: 19.320 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

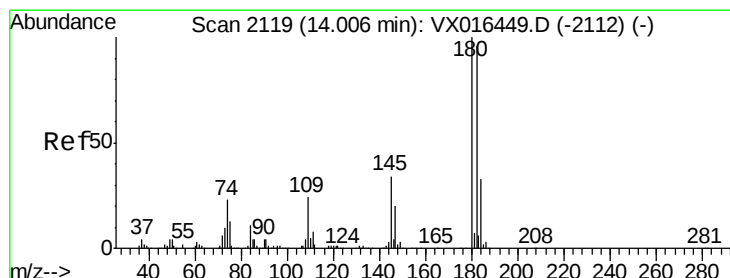
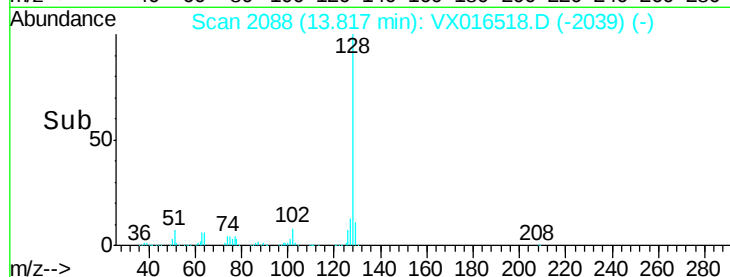
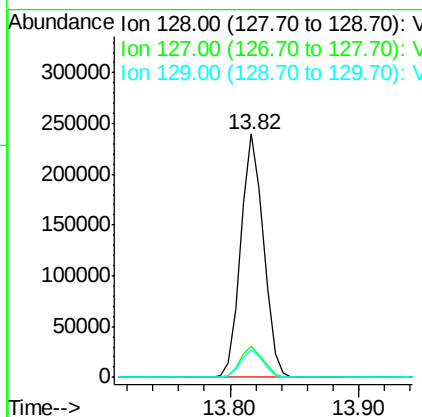
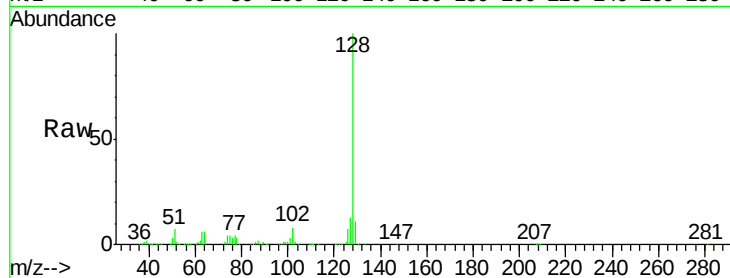
ClientSampleId :

VX0601WBS01

Tot Ion:	128	Resp:	291711
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:35:01 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.918 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Tgt Ion:	180	Resp:	85947
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.6	145.8
145	32.6	16.6	49.8

