

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016572.D
 Acq On : 03 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2867-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:07:37 PM

Quant Time: Jun 04 09:12:55 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	248087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	389989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150673	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.47	113	121339	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.70	98	463364	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	179680	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108039	44.252	ug/l	98
3) Chloromethane	1.31	50	127148	43.095	ug/l	100
4) Vinyl Chloride	1.39	62	147658	47.324	ug/l	99
5) Bromomethane	1.62	94	65977	43.490	ug/l	100
6) Chloroethane	1.70	64	89419	49.130	ug/l	99
7) Trichlorofluoromethane	1.91	101	201247	49.113	ug/l	100
8) Diethyl Ether	2.17	74	82269	48.149	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103930	46.085	ug/l	99
10) Methyl Iodide	2.49	142	106043	40.008	ug/l	100
11) Tert butyl alcohol	3.02	59	186241	235.735	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115451	48.364	ug/l	100
13) Acrolein	2.27	56	97990	291.572	ug/l	97
14) Allyl chloride	2.71	41	200742	45.726	ug/l	98
15) Acrylonitrile	3.12	53	395374	244.306	ug/l	99
16) Acetone	2.42	43	332162	246.079	ug/l	99
17) Carbon Disulfide	2.55	76	322472	45.490	ug/l	100
18) Methyl Acetate	2.75	43	166314	48.039	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	424592	49.533	ug/l	98
20) Methylene Chloride	2.83	84	134239	48.068	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	127449	48.268	ug/l	93
22) Diisopropyl ether	3.82	45	392348	46.523	ug/l	99
23) Vinyl Acetate	3.79	43	1720661	233.093	ug/l	97
24) 1,1-Dichloroethane	3.67	63	229659	48.248	ug/l	100
25) 2-Butanone	4.64	43	540636	236.373	ug/l	96
26) 2,2-Dichloropropane	4.55	77	192818	49.504	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	153546	50.266	ug/l	97
28) Bromochloromethane	4.98	49	99648	45.049	ug/l	91
29) Tetrahydrofuran	5.09	42	351581	237.932	ug/l	96
30) Chloroform	5.18	83	237437	49.506	ug/l	99
31) Cyclohexane	5.55	56	184253	43.027	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	215427	49.613	ug/l	98
36) 1,1-Dichloropropene	5.77	75	172210	46.638	ug/l	98
37) Ethyl Acetate	4.79	43	247105	55.741	ug/l	97
38) Carbon Tetrachloride	5.76	117	192376	49.576	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183961	45.868	ug/l	97
40) Benzene	6.12	78	529639	48.167	ug/l	100
41) Methacrylonitrile	5.00	41	112992	46.403	ug/l	98
42) 1,2-Dichloroethane	6.17	62	191015	48.847	ug/l	99
43) Isopropyl Acetate	6.42	43	316205	45.729	ug/l	98
44) Trichloroethene	7.19	130	159770	45.795	ug/l	95
45) 1,2-Dichloropropane	7.49	63	135220	48.304	ug/l	99
46) Dibromomethane	7.64	93	92422	49.155	ug/l	98
47) Bromodichloromethane	7.88	83	194661	50.001	ug/l	99
48) Methyl methacrylate	7.74	41	155586	46.993	ug/l	97
49) 1,4-Dioxane	7.71	88	69508	897.088	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1035607	240.525	ug/l	98
52) Toluene	8.76	92	345737	49.861	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226566	51.179	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	231849	49.480	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	138572	50.263	ug/l	97
56) Ethyl methacrylate	9.16	69	226063	50.348	ug/l	97
57) 1,3-Dichloropropane	9.35	76	236489	49.975	ug/l	99
59) 2-Hexanone	9.48	43	806181	240.774	ug/l	97
60) Dibromochloromethane	9.57	129	163172	52.593	ug/l	99
61) 1,2-Dibromoethane	9.65	107	150397	50.942	ug/l	99
64) Tetrachloroethene	9.32	164	167496	40.767	ug/l	97
65) Chlorobenzene	10.12	112	371891	49.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	145362	50.861	ug/l	99
67) Ethyl Benzene	10.24	91	657051	49.291	ug/l	99
68) m/p-Xylenes	10.34	106	497054	100.569	ug/l	100
69) o-Xylene	10.68	106	240108	50.163	ug/l	98
70) Styrene	10.70	104	419397	50.976	ug/l	100
71) Bromoform	10.84	173	127207	52.665	ug/l #	100
73) Isopropylbenzene	11.00	105	637172	48.729	ug/l	100
74) N-amyl acetate	10.88	43	271053	45.067	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185949	56.743	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	198820m	47.931	ug/l	
77) Bromobenzene	11.24	156	168806	49.221	ug/l	96
78) n-propylbenzene	11.35	91	714181	48.888	ug/l	100
79) 2-Chlorotoluene	11.40	91	434015	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	541577	49.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78676	46.656	ug/l	98
82) 4-Chlorotoluene	11.49	91	510085	48.441	ug/l	99
83) tert-Butylbenzene	11.76	119	493973	52.950	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	552728	50.059	ug/l	100
85) sec-Butylbenzene	11.93	105	591443	50.538	ug/l	100
86) p-Isopropyltoluene	12.05	119	558959	50.988	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	296886	49.967	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289704	47.674	ug/l	98
89) n-Butylbenzene	12.37	91	468585	51.318	ug/l	99
90) Hexachloroethane	12.58	117	96348	50.882	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	283062	49.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51810	48.810	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	202501	52.968	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	82091	54.690	ug/l	100
95) Naphthalene	13.82	128	672494	51.312	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	199892	53.369	ug/l	99

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

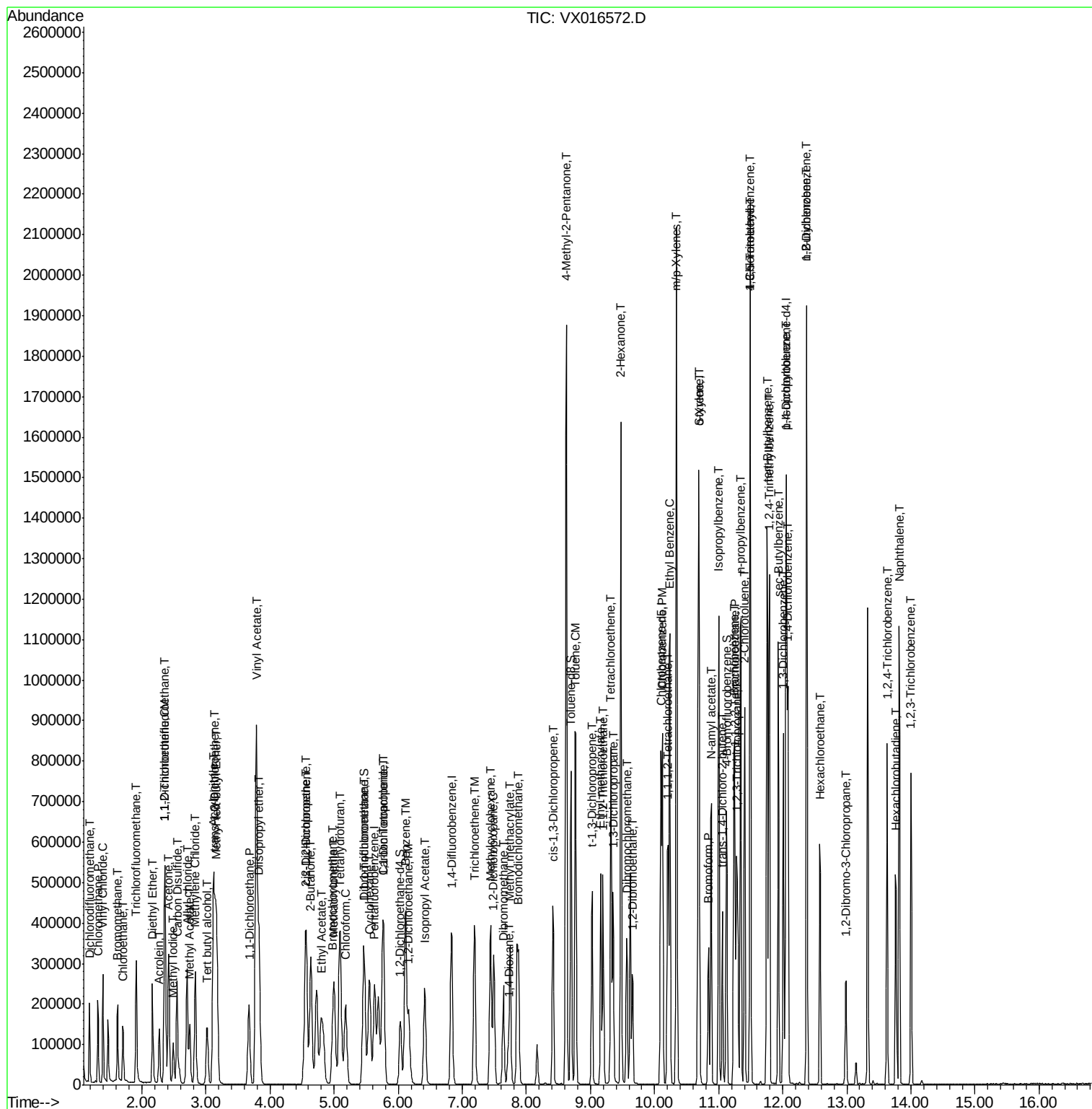
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Data File : VX016572.D
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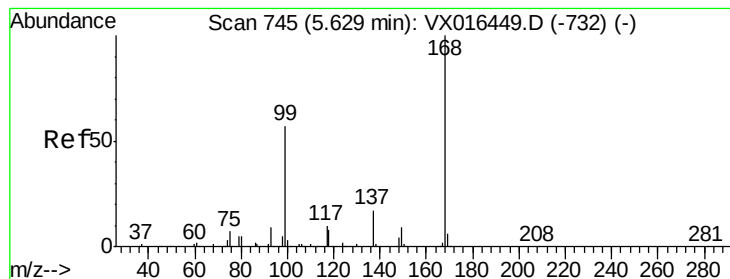
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion:168 Resp: 248087

Ion Ratio Lower Upper

168 100

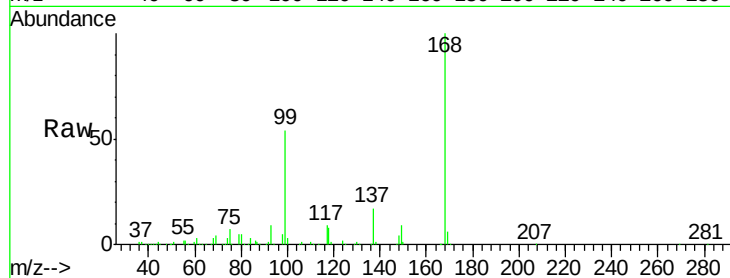
99 53.8 45.2 67.8

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

80000

60000

40000

20000

0

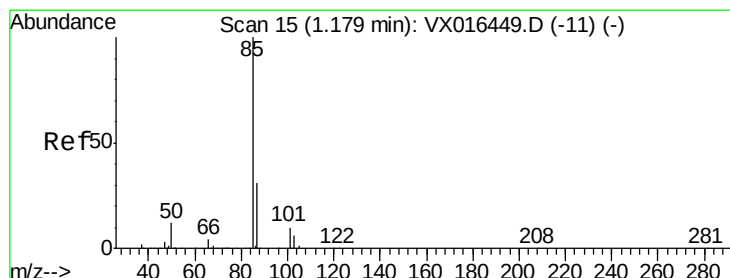
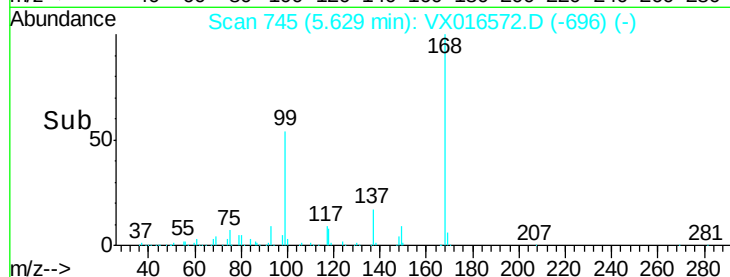
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.252 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016572.D

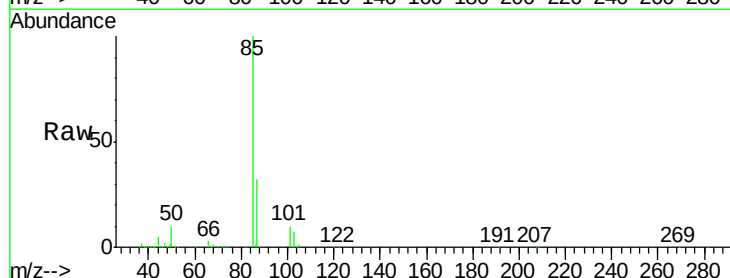
Acq: 03 Jun 2020 17:28

Tgt Ion: 85 Resp: 108039

Ion Ratio Lower Upper

85 100

87 31.9 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

120000

100000

80000

60000

40000

20000

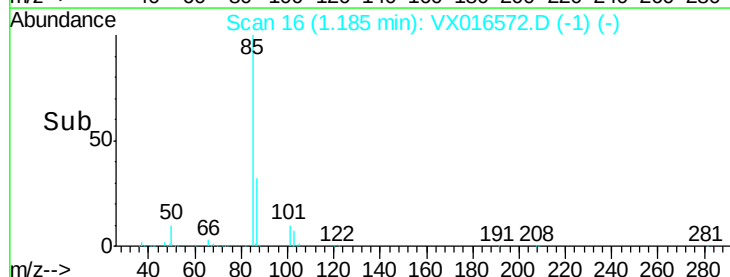
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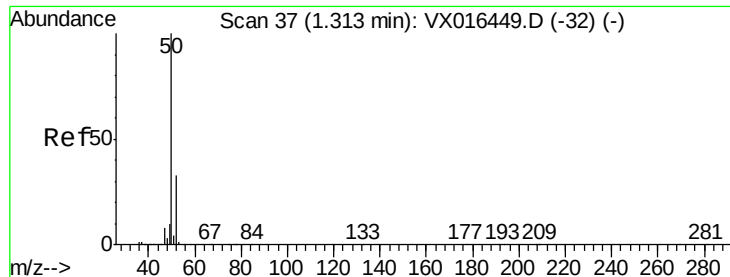
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 43.095 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 50 Resp: 127148

Ion Ratio Lower Upper

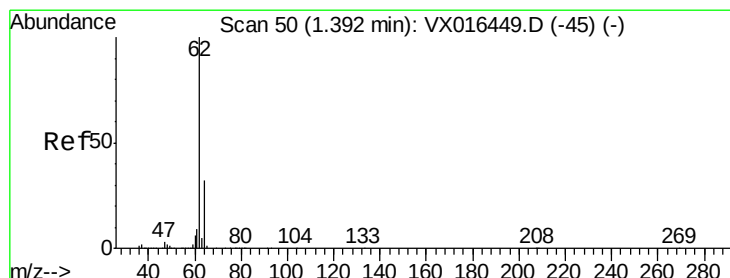
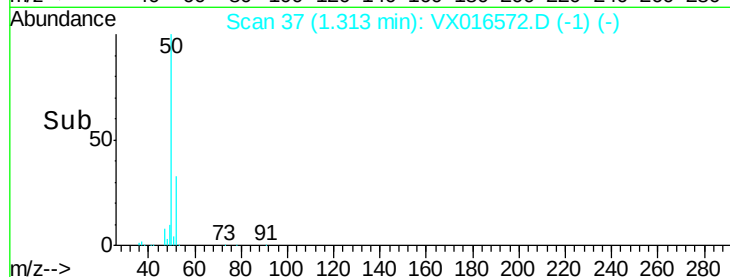
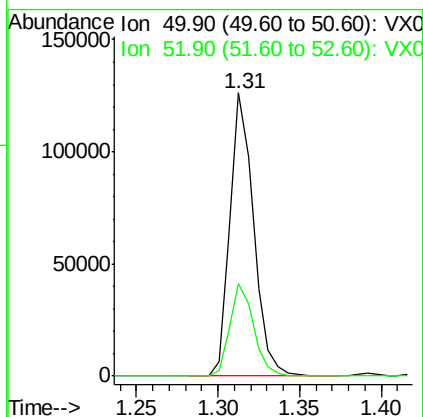
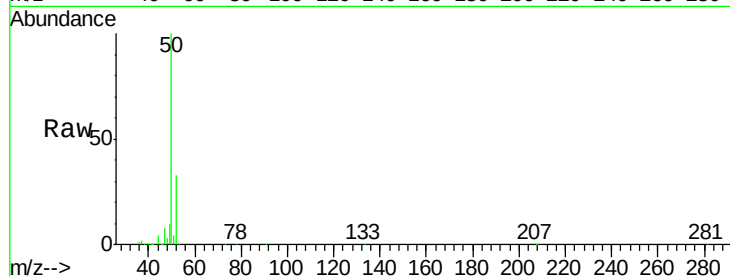
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.324 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016572.D

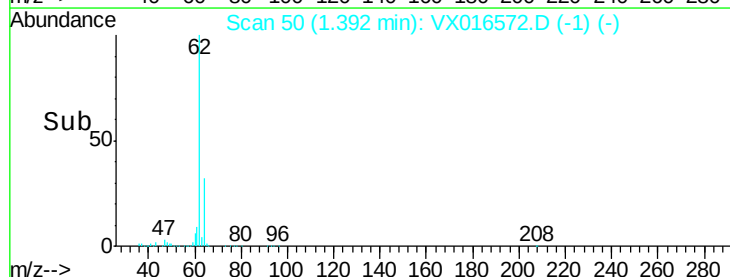
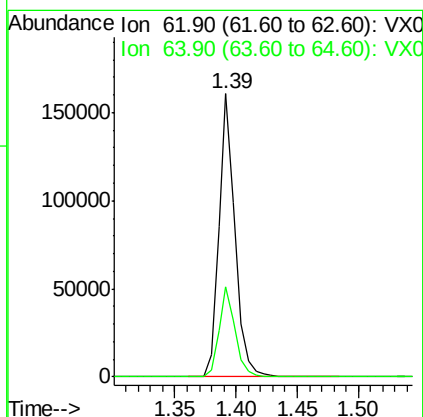
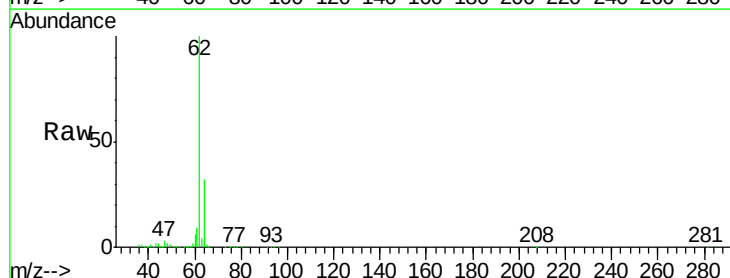
Acq: 03 Jun 2020 17:28

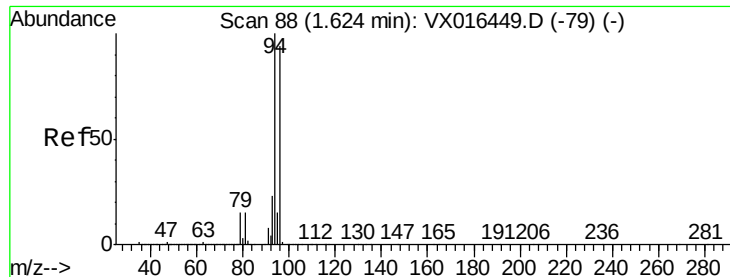
Tgt Ion: 62 Resp: 147658

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 43.490 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

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ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 94 Resp: 65977

Ion Ratio Lower Upper

94 100

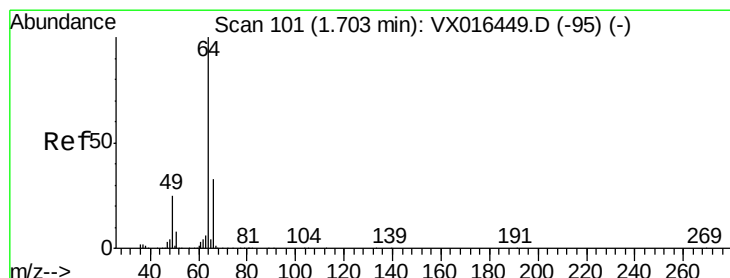
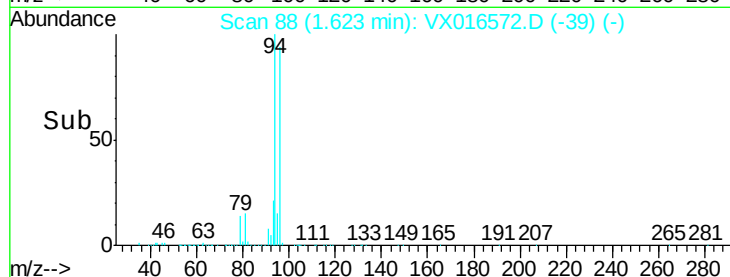
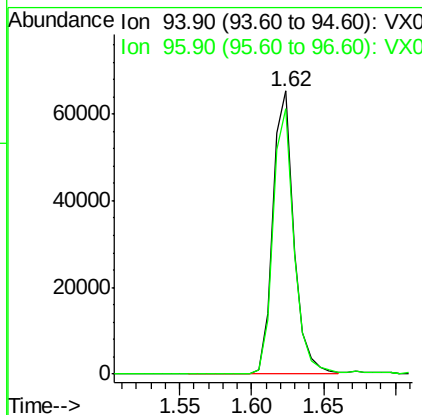
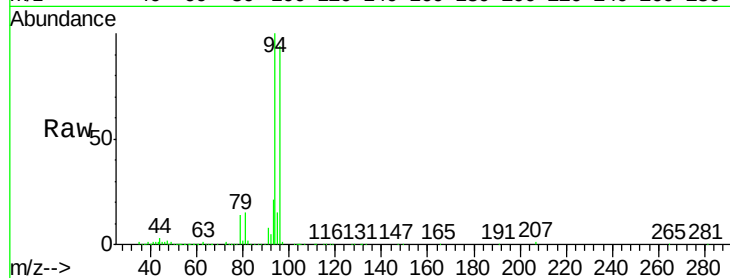
96 93.9 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 49.130 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016572.D

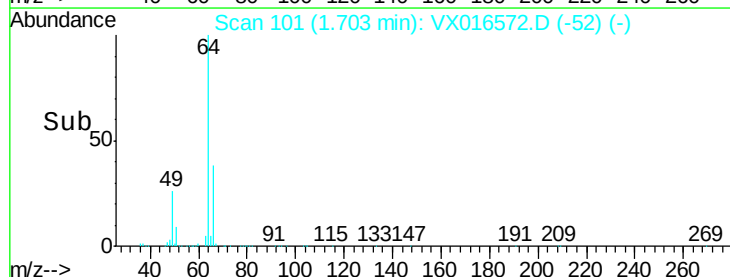
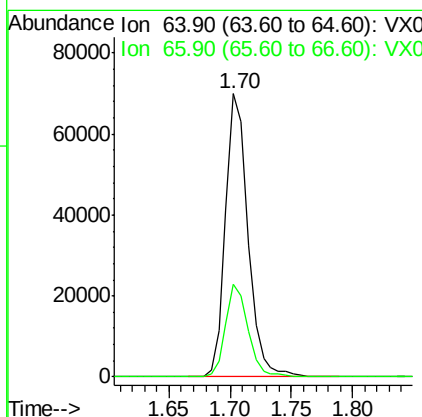
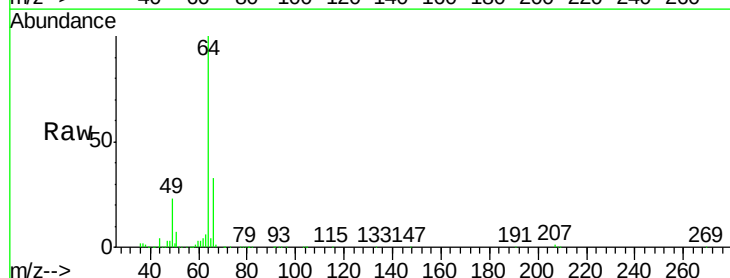
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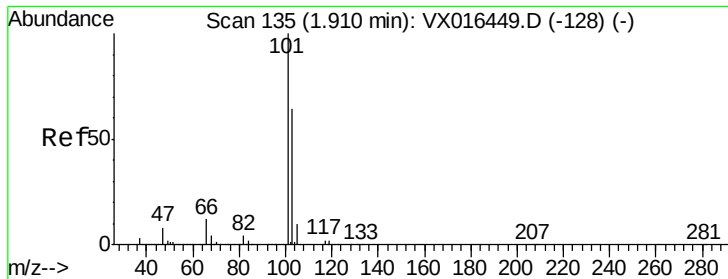
Tgt Ion: 64 Resp: 89419

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1





#7

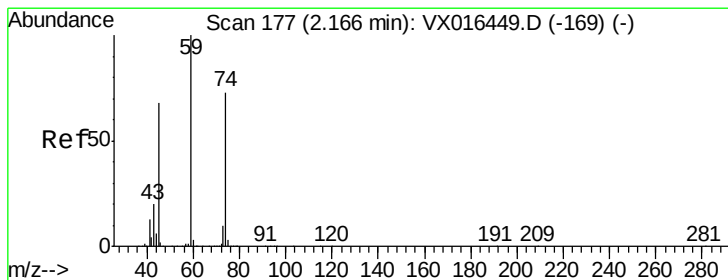
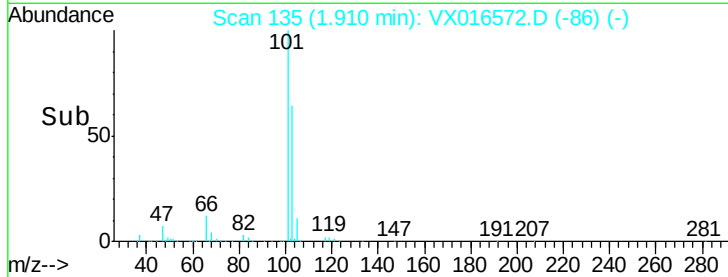
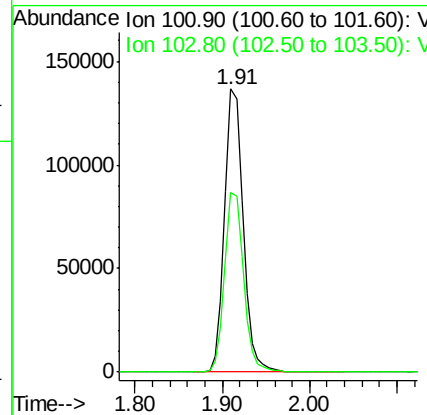
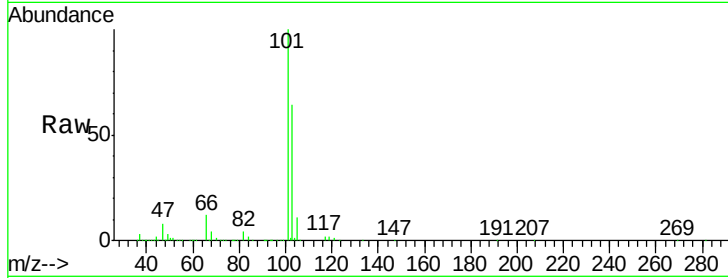
Trichlorofluoromethane
Concen: 49.113 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		201247		
103	63.6	50.9	76.3		

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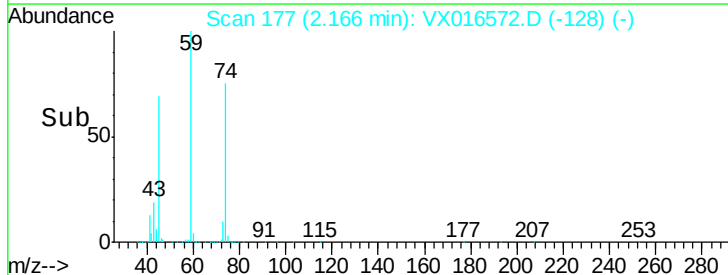
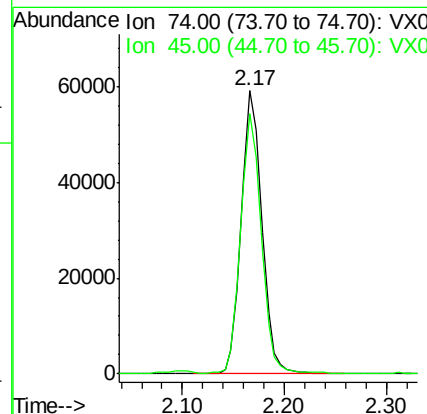
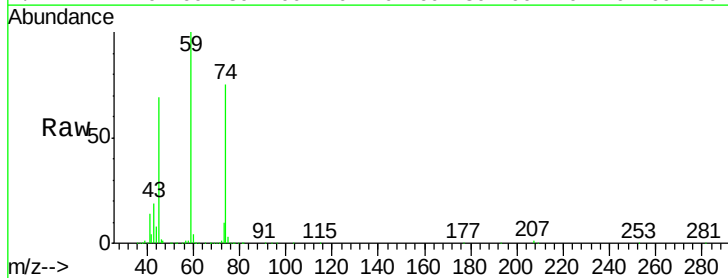
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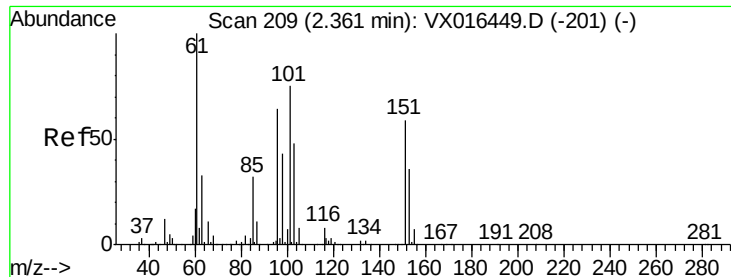


#8

Diethyl Ether
Concen: 48.149 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		82269		
45	91.6	47.5	142.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.085 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

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MSVOA_X

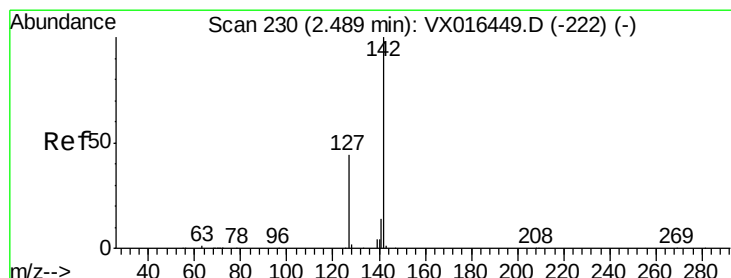
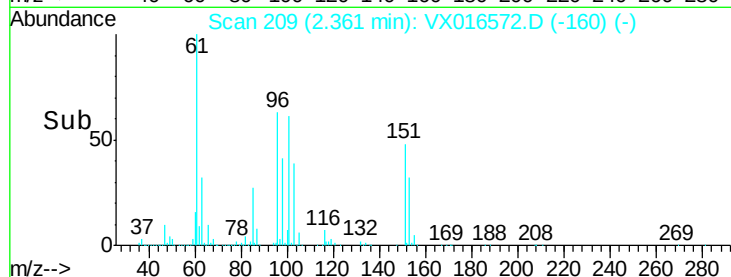
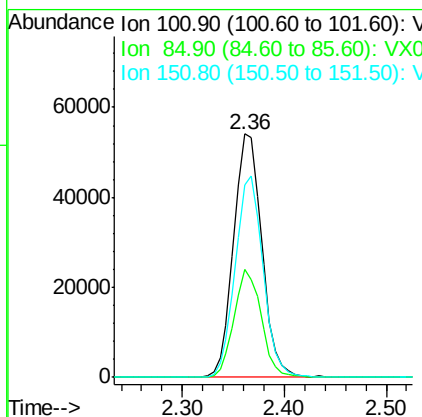
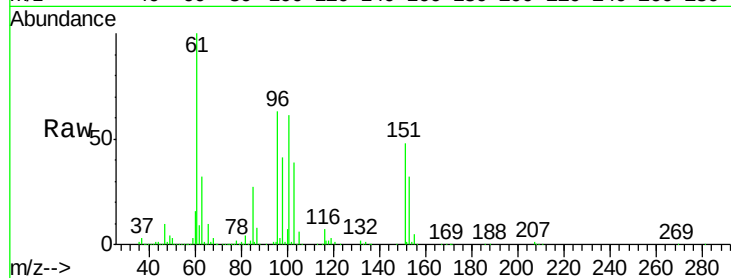
ClientSampleId :

SP20-MMW3414MSD

Tot Ion:	101	Resp:	103930
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.4	51.6
151	81.4	63.8	95.6

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#10

Methyl Iodide

Concen: 40.008 ug/l

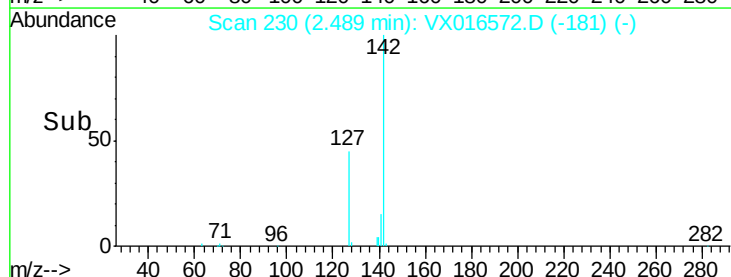
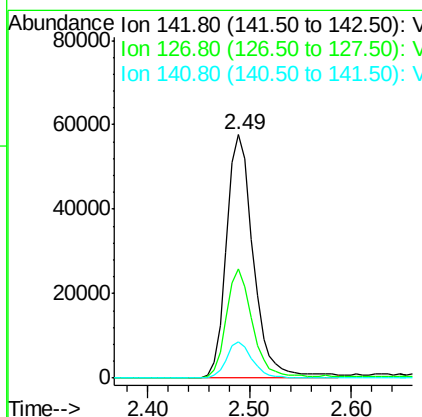
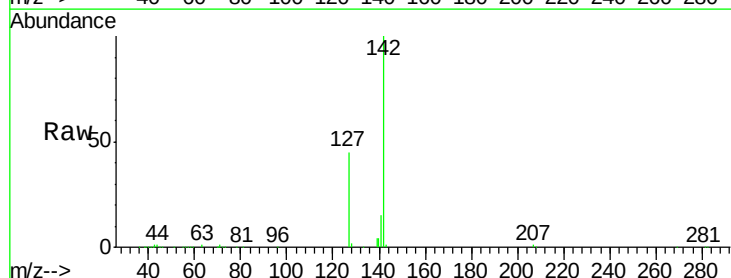
RT: 2.49 min Scan# 230

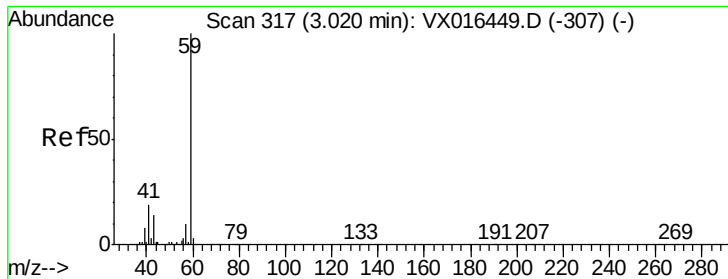
Delta R.T. 0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion:	142	Resp:	106043
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.3	52.9
141	14.4	11.4	17.2





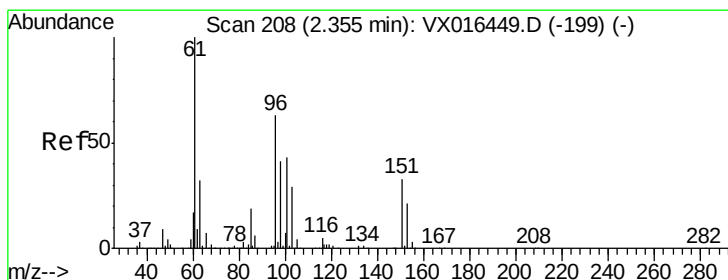
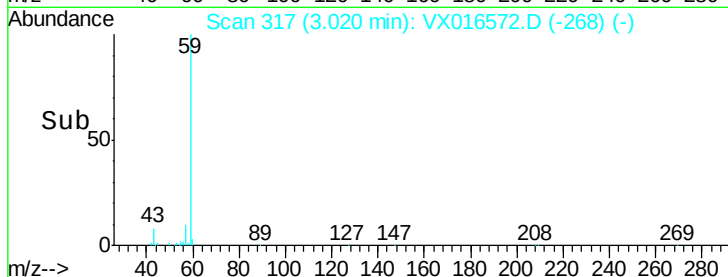
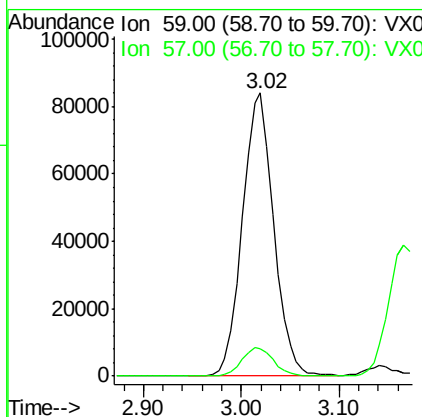
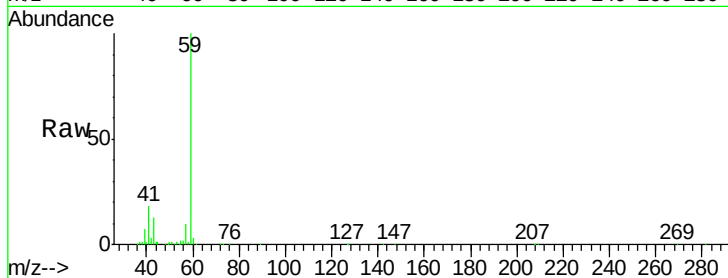
#11
Tert butyl alcohol
Concen: 235.735 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

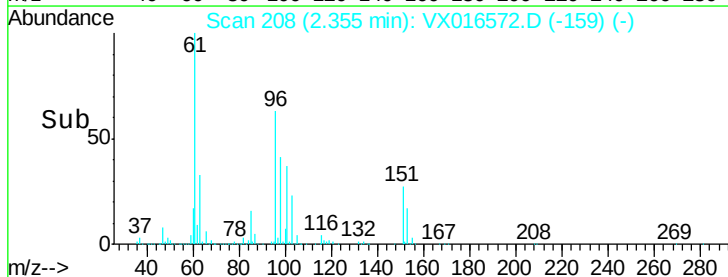
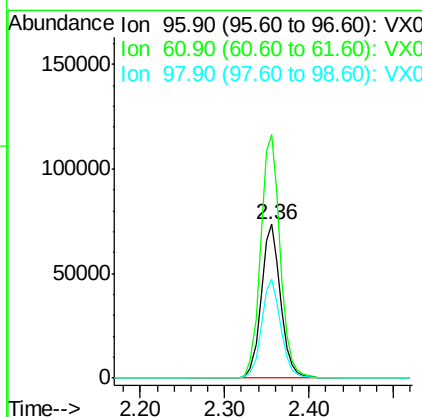
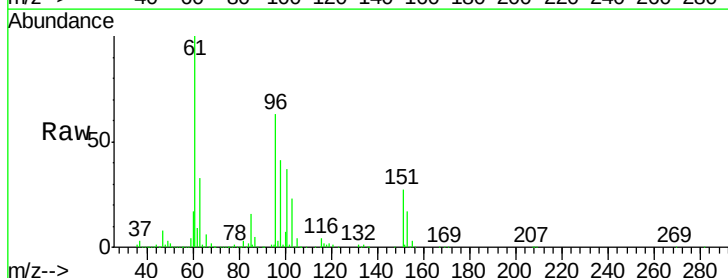
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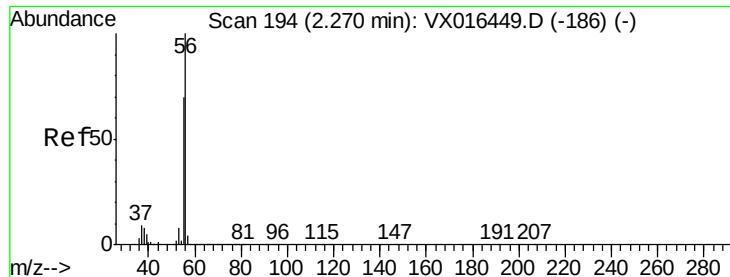
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.364 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	126.6	189.8
98	64.5	51.3	76.9





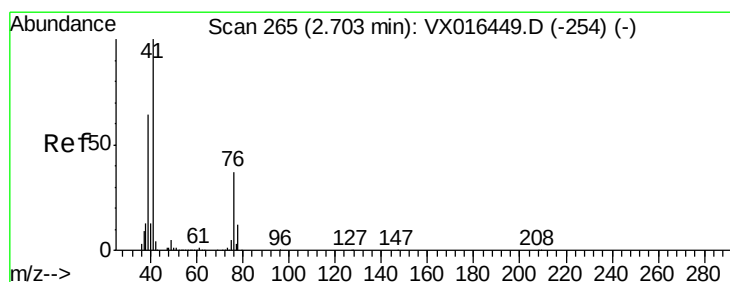
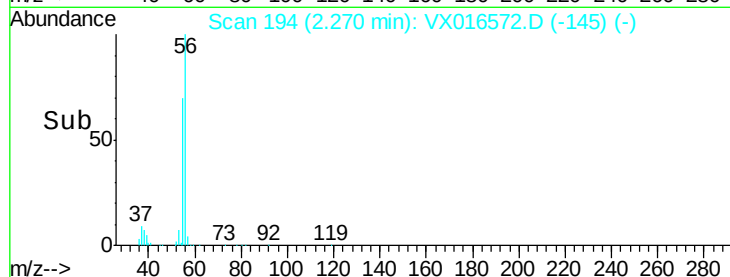
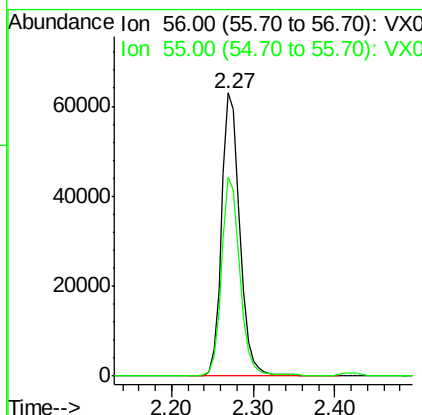
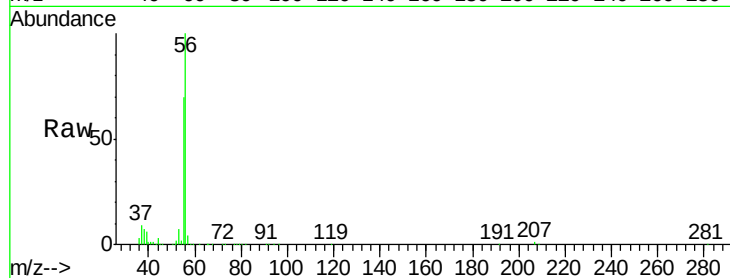
#13
Acrolein
Concen: 291.572 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	56	Resp	97990
Ion Ratio	100	Lower	Upper
55	70.1	58.3	87.5

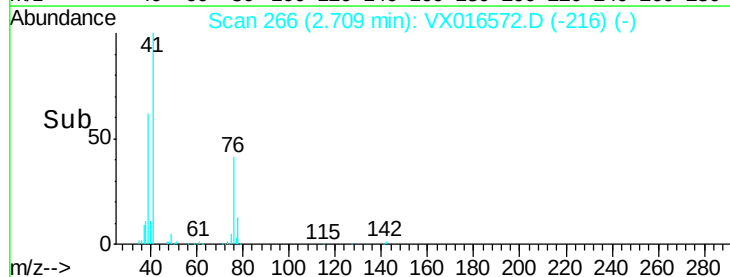
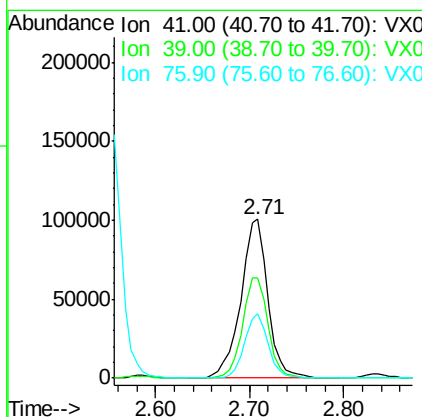
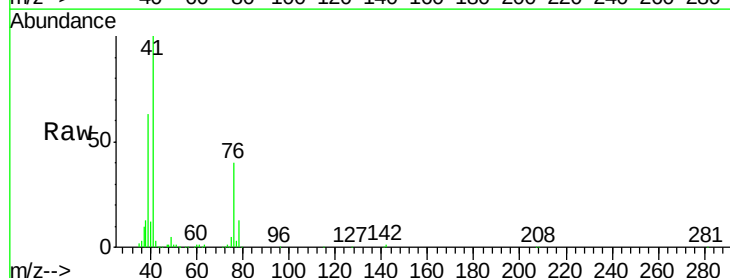
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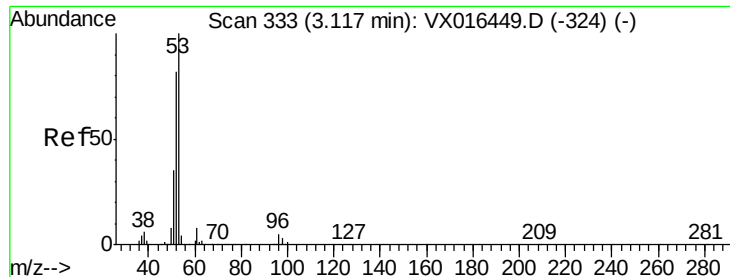
MMDadoda
6/4/2020 3:07:37 PM



#14
Allyl chloride
Concen: 45.726 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	41	Resp	200742
Ion Ratio	100	Lower	Upper
39	59.8	47.7	71.5
76	35.5	26.6	40.0





#15

Acrylonitrile

Concen: 244.306 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

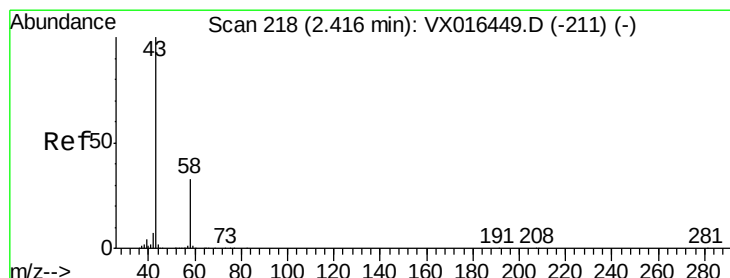
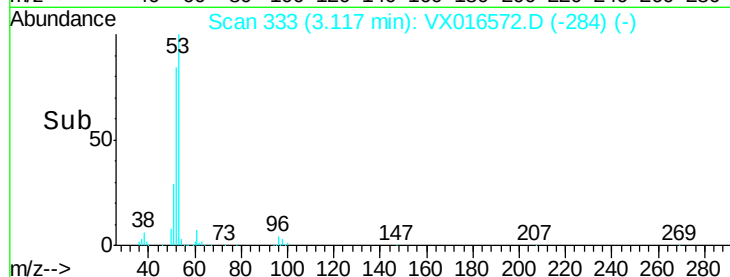
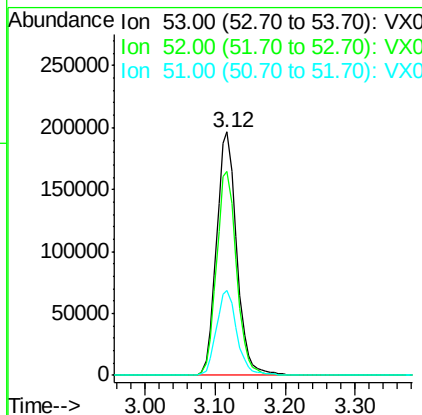
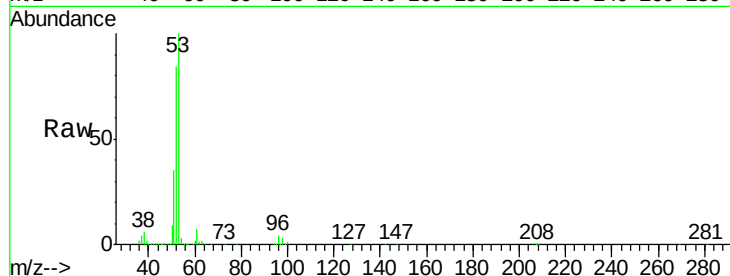
ClientSampleId :

SP20-MMW3414MSD

Tot Ion:	53	Resp:	395374
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.7	100.1
51	35.5	28.6	43.0

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#16

Acetone

Concen: 246.079 ug/l

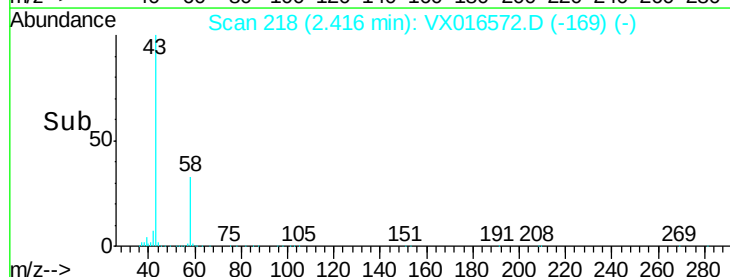
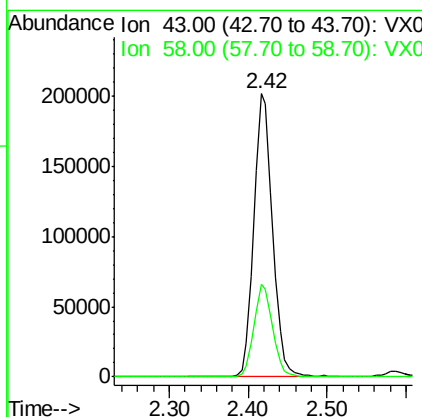
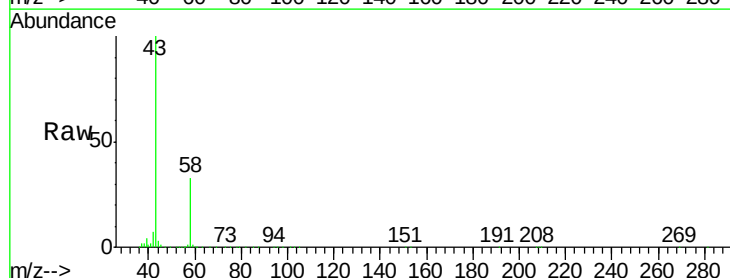
RT: 2.42 min Scan# 218

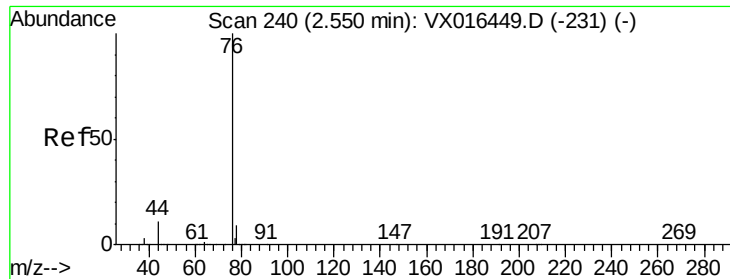
Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion:	43	Resp:	332162
Ion Ratio	Lower	Upper	
43	100		
58	32.9	26.1	39.1





#17

Carbon Disulfide

Concen: 45.490 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 76 Resp: 322472

Ion Ratio Lower Upper

76 100

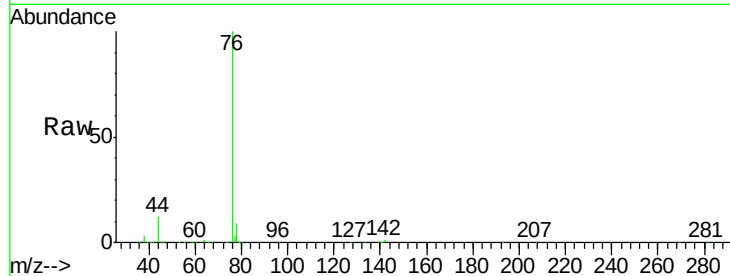
78 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

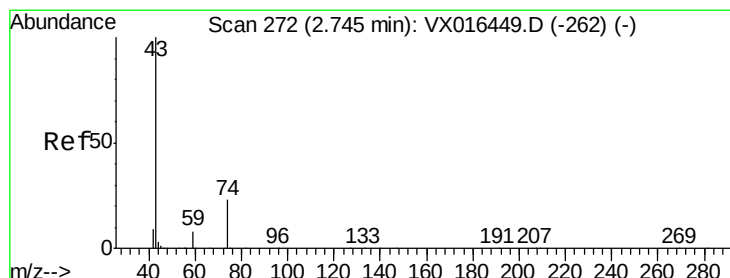
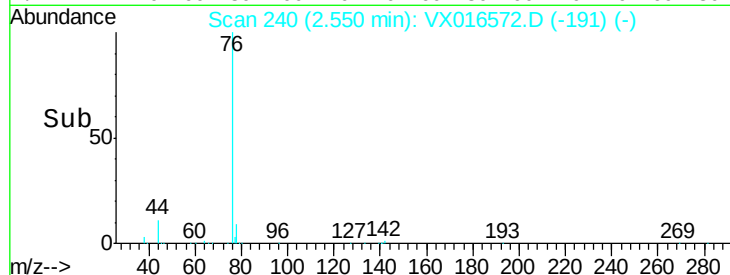
50000

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 48.039 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016572.D

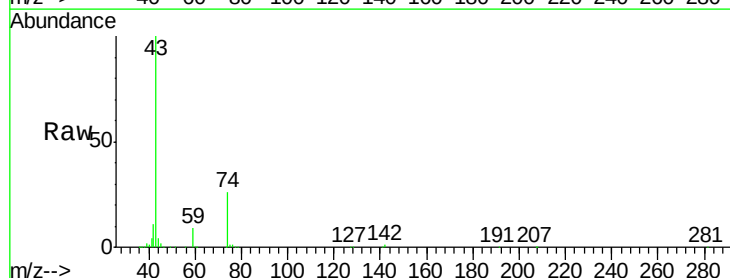
Acq: 03 Jun 2020 17:28

Tgt Ion: 43 Resp: 166314

Ion Ratio Lower Upper

43 100

74 26.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

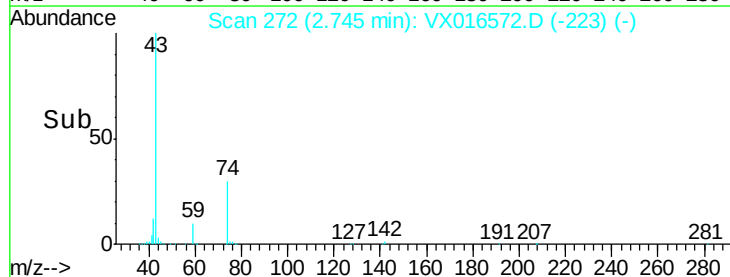
0

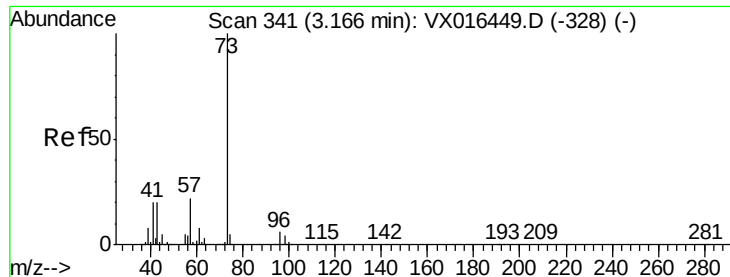
2.75

2.80

2.85

Time-->





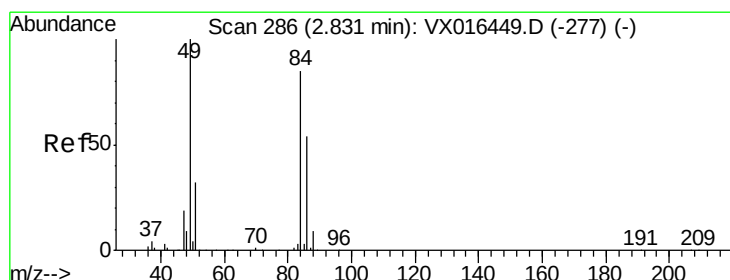
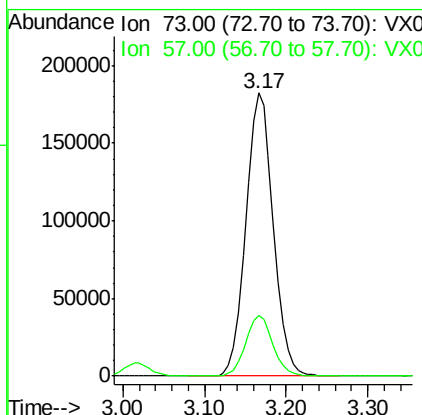
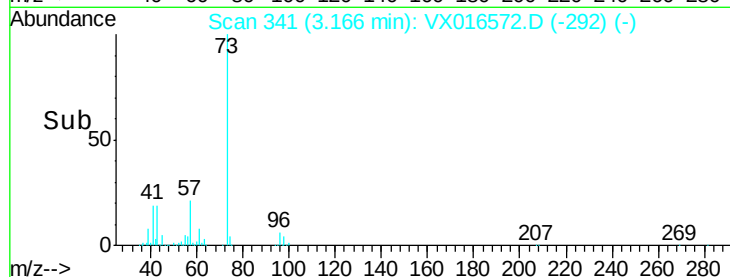
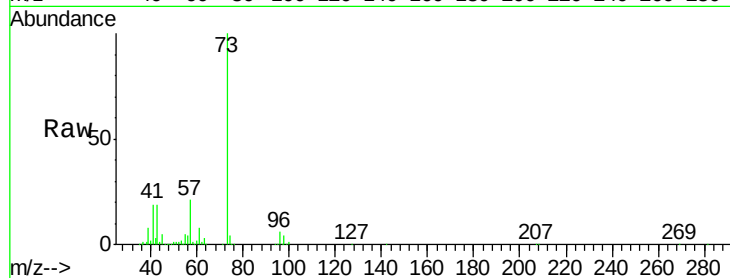
#19
Methyl tert-butyl Ether
Concen: 49.533 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.8	26.6

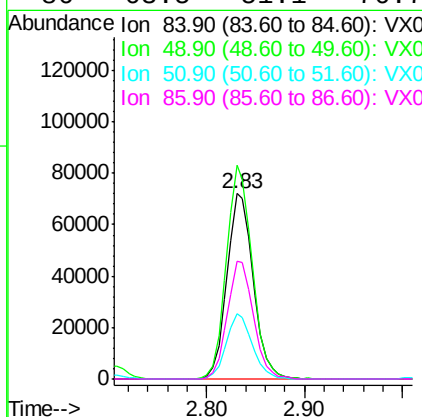
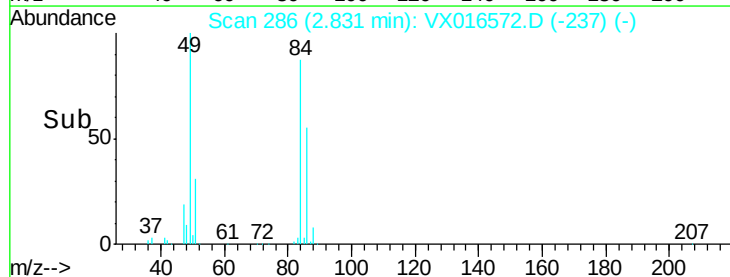
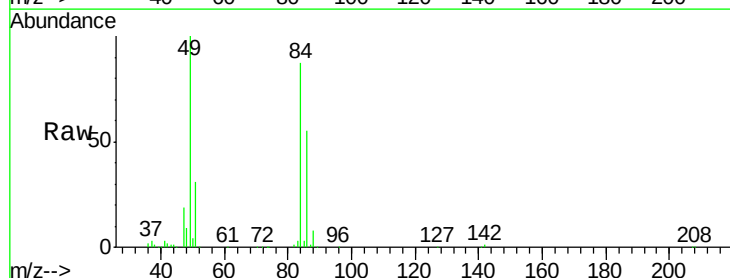
Manual Integrations
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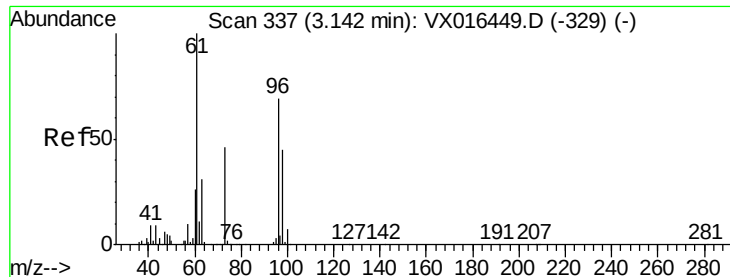
MMDadoda
6/4/2020 3:07:37 PM



#20
Methylene Chloride
Concen: 48.068 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.3	94.5	141.7
51	35.3	30.2	45.4
86	63.5	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.268 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

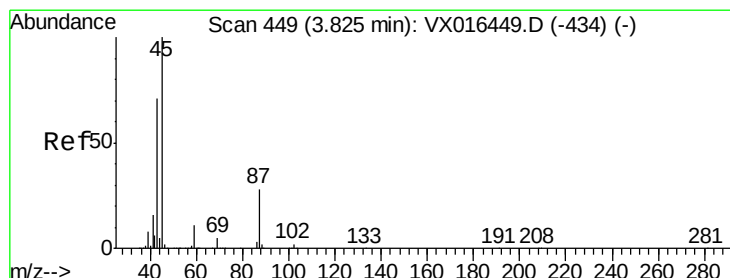
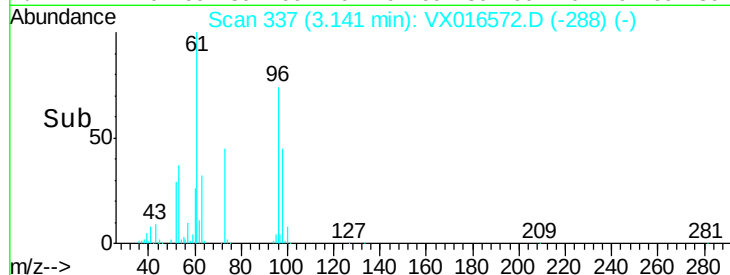
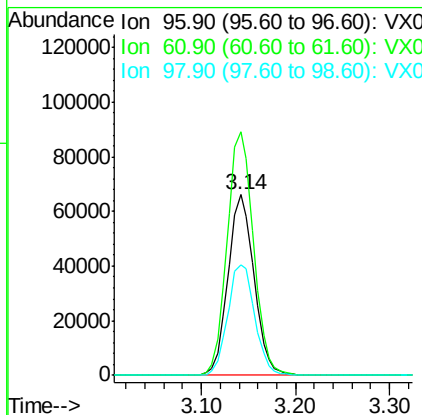
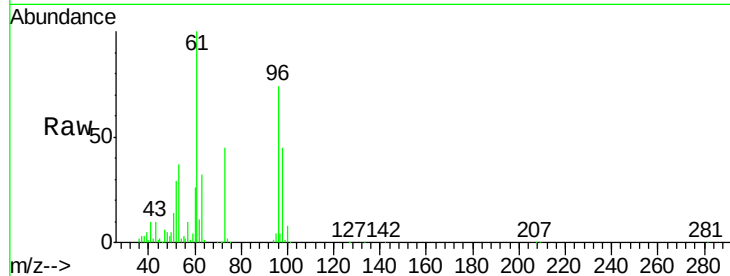
ClientSampleId :

SP20-MMW3414MSD

Tot Ion:	96	Resp:	127449
Ion	Ratio	Lower	Upper
96	100		
61	134.6	115.3	172.9
98	60.9	51.9	77.9

Manual Integrations
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6/4/2020 3:07:37 PM



#22

Diisopropyl ether

Concen: 46.523 ug/l

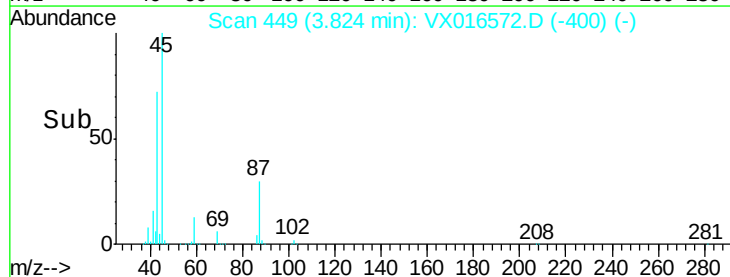
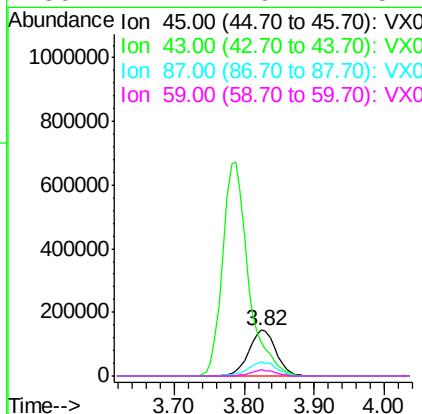
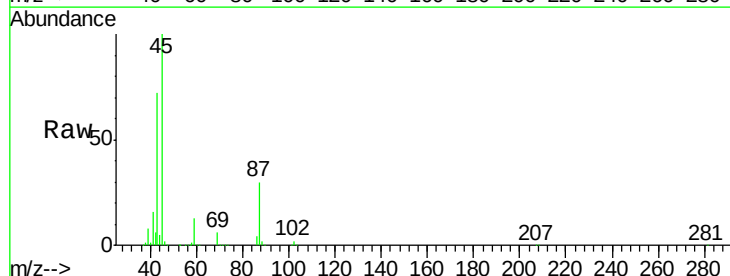
RT: 3.82 min Scan# 449

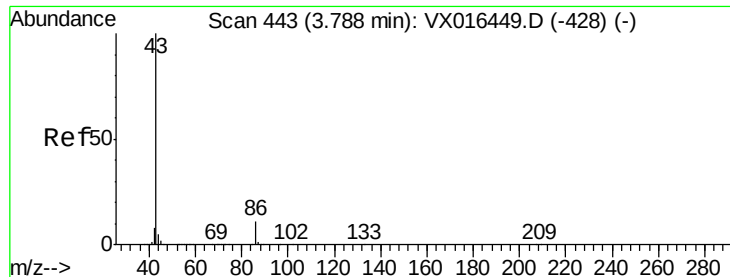
Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion:	45	Resp:	392348
Ion	Ratio	Lower	Upper
45	100		
43	71.6	57.0	85.6
87	29.7	22.5	33.7
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 233.093 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 43 Resp: 1720661

Ion Ratio Lower Upper

43 100

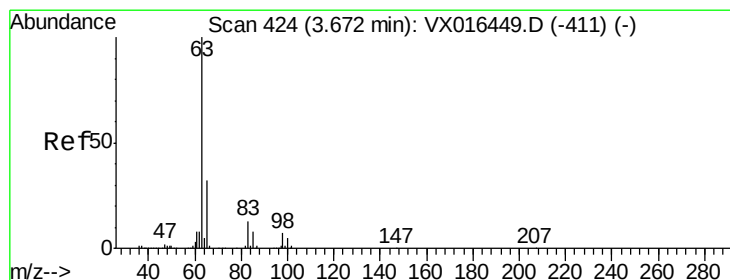
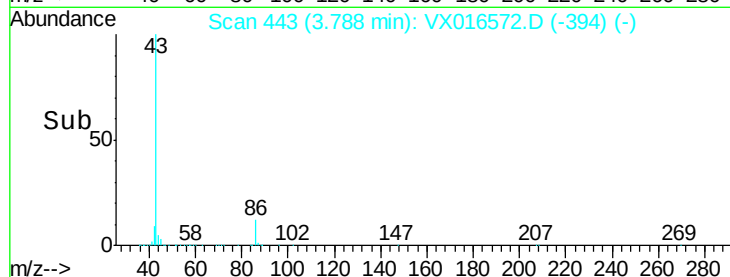
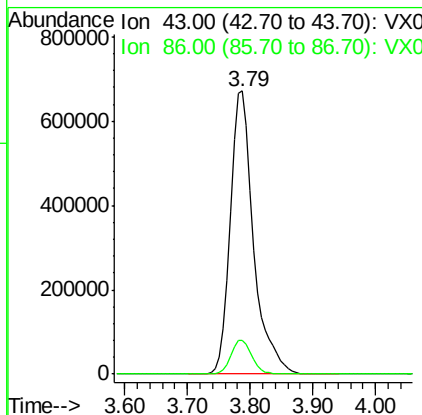
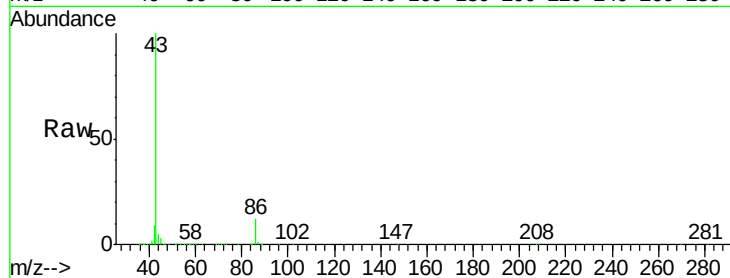
86 12.0 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.248 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

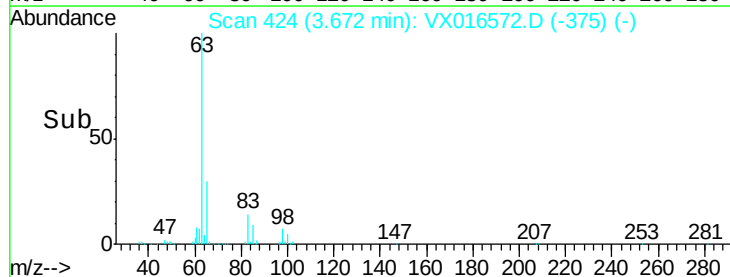
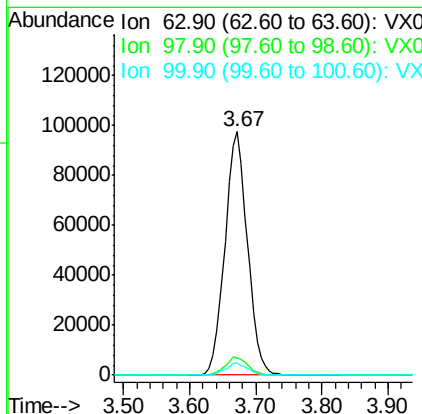
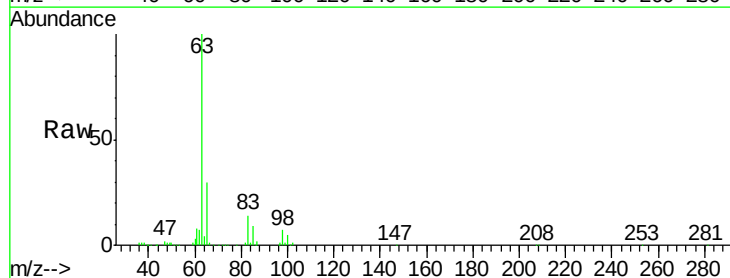
Tgt Ion: 63 Resp: 229659

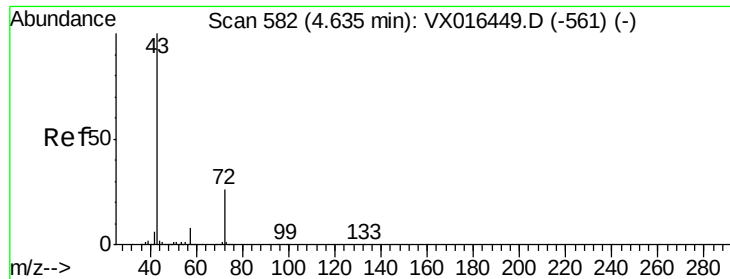
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 236.373 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 43 Resp: 540636

Ion Ratio Lower Upper

43 100

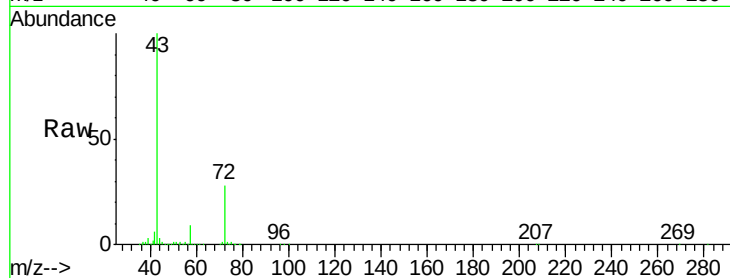
72 28.2 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

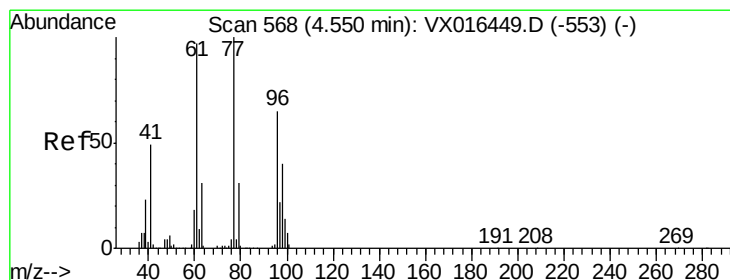
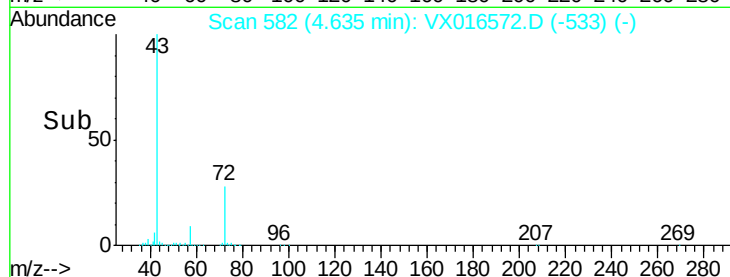
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.504 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016572.D

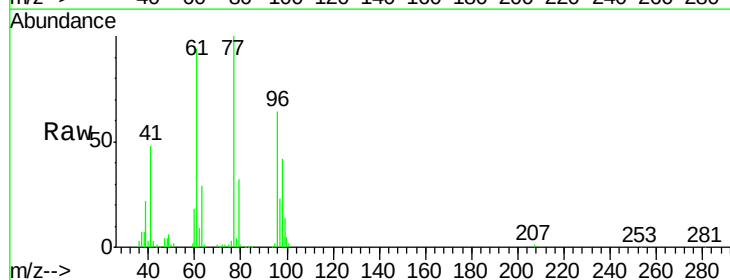
Acq: 03 Jun 2020 17:28

Tgt Ion: 77 Resp: 192818

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

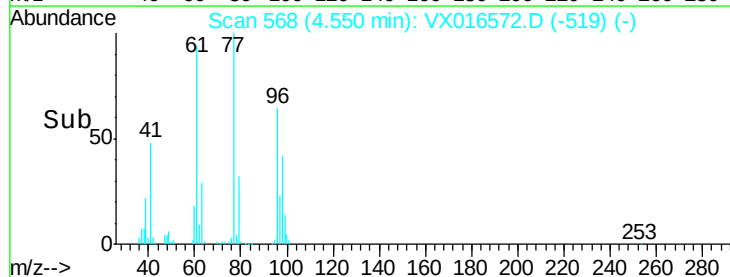
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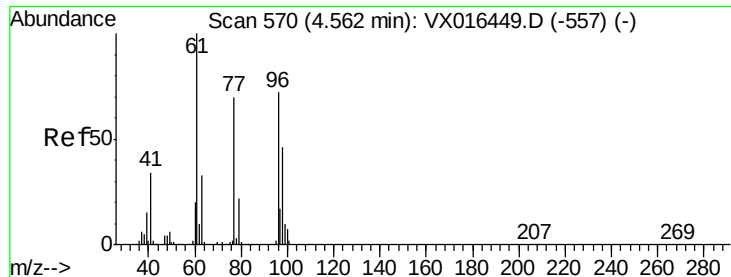
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20000

0

Time-->





#27

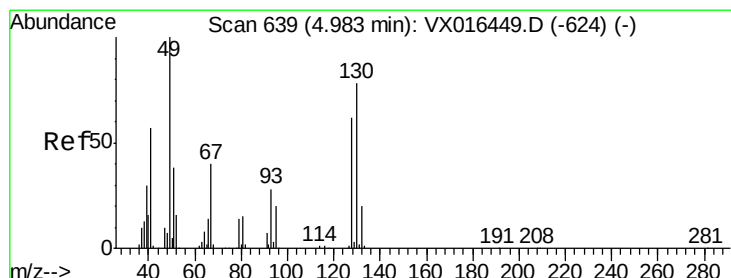
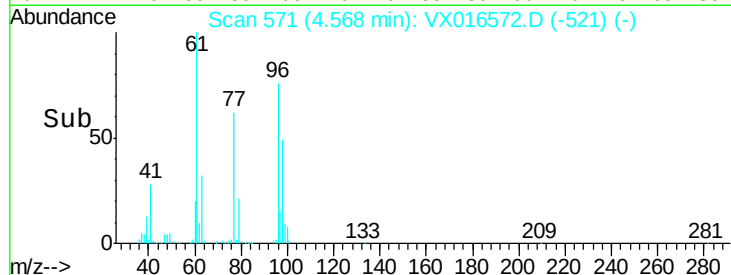
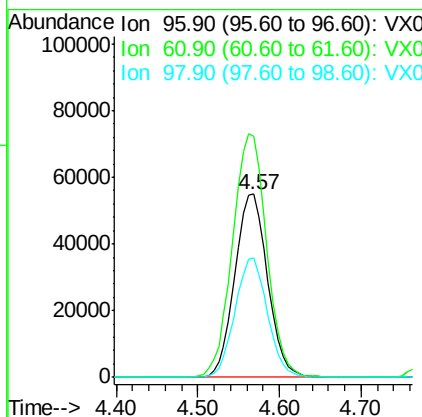
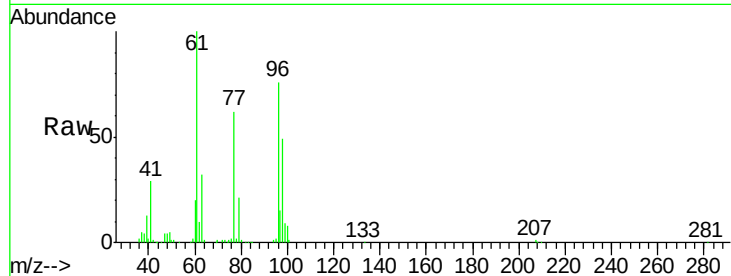
cis-1,2-Dichloroethene
 Concen: 50.266 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153546		
61	138.1	0.0	284.6	
98	64.4	0.0	127.2	

Manual Integrations
 APPROVED

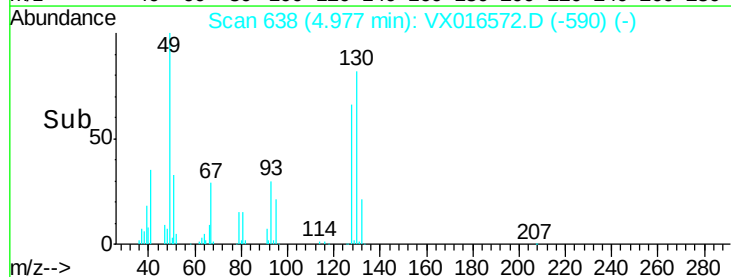
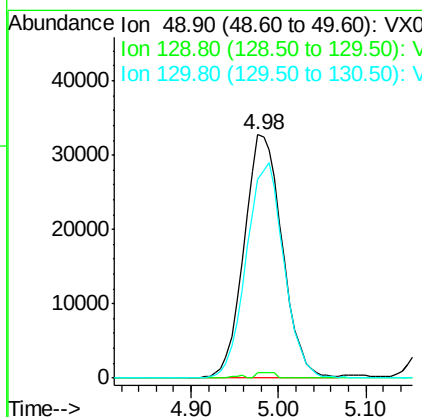
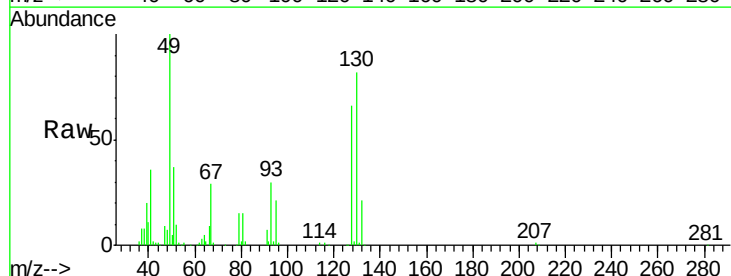
MMDadoda
 6/4/2020 3:07:37 PM

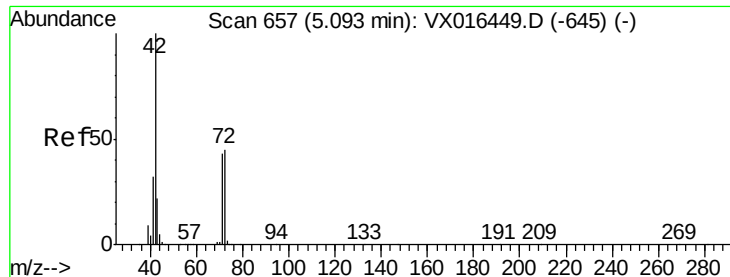


#28

Bromochloromethane
 Concen: 45.049 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	99648		
129	1.1	0.0	4.0	
130	86.9	63.0	94.4	





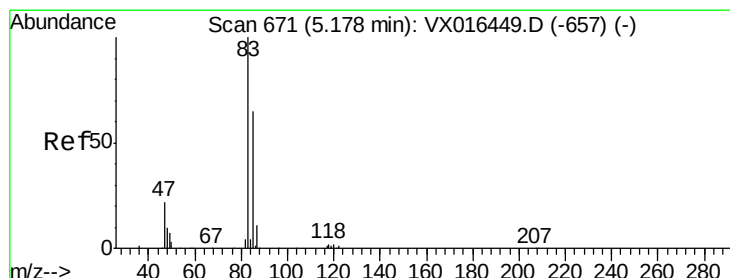
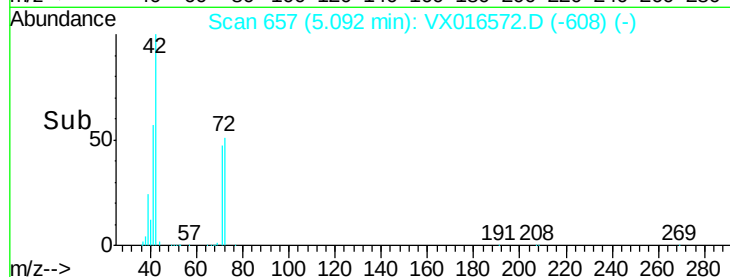
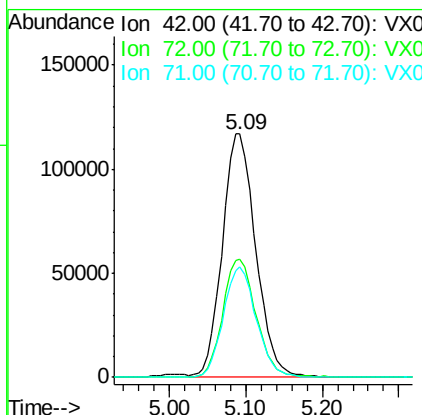
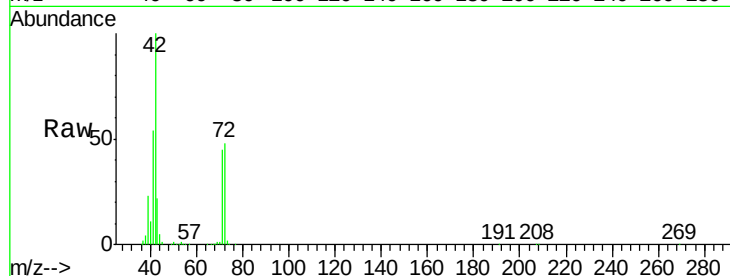
#29
Tetrahydrofuran
Concen: 237.932 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.0	55.4
71	45.1	34.1	51.1

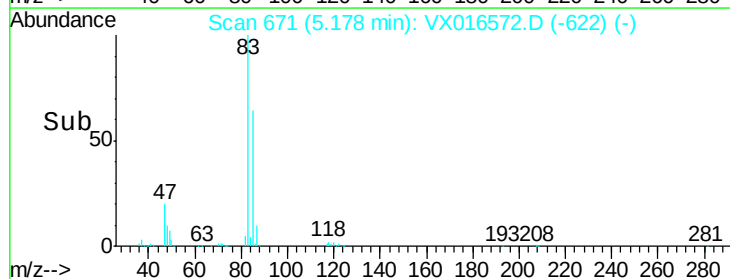
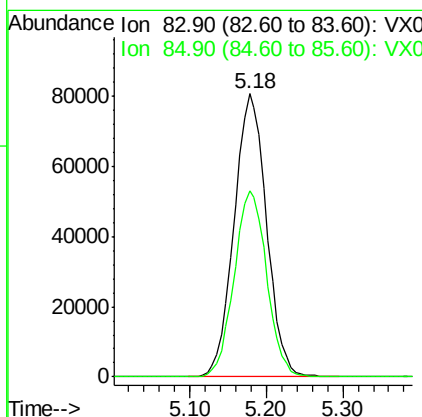
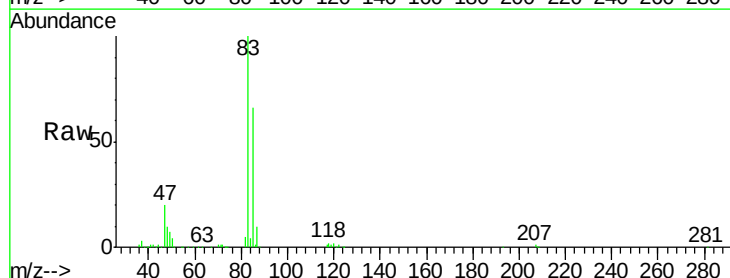
Manual Integrations
APPROVED

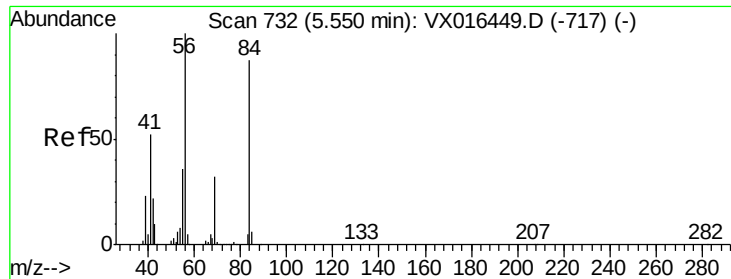
MMDadoda
6/4/2020 3:07:37 PM



#30
Chloroform
Concen: 49.506 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.0	78.0





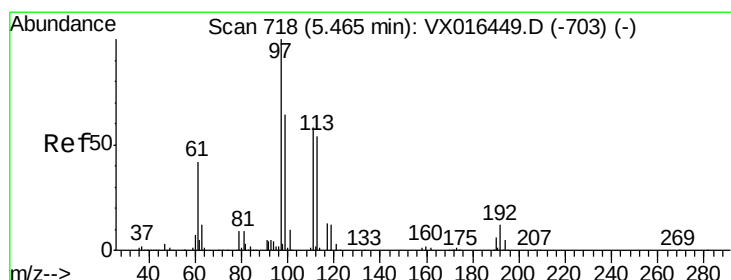
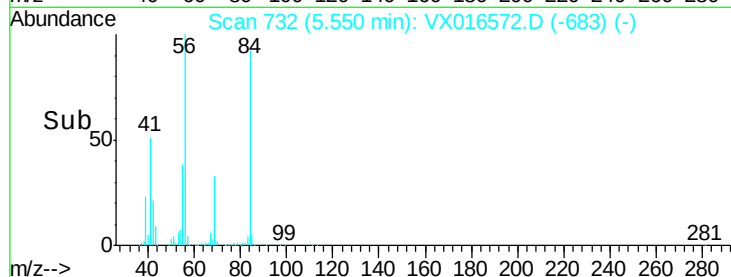
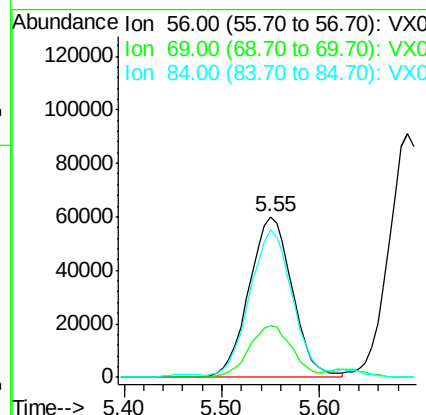
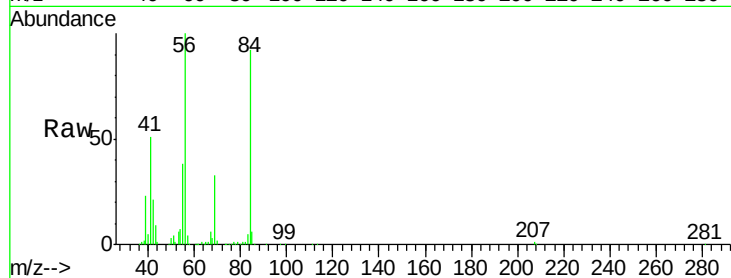
#31
Cyclohexane
Concen: 43.027 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.7	38.5
84	89.8	70.0	105.0

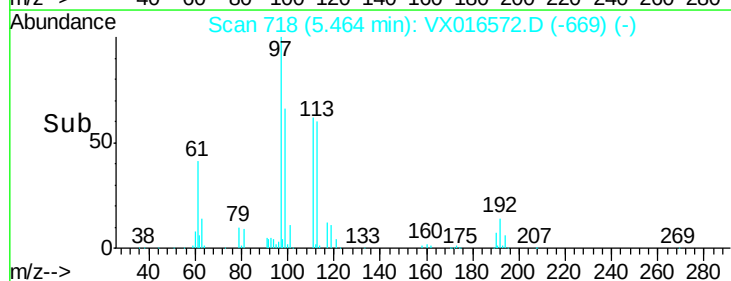
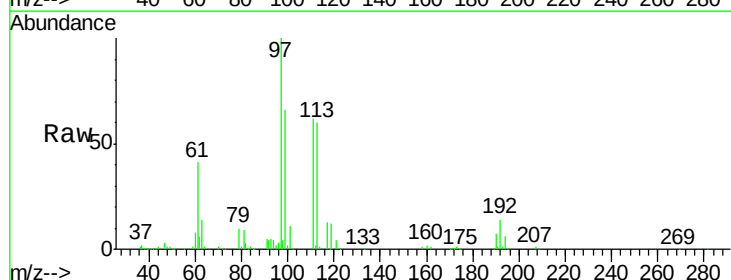
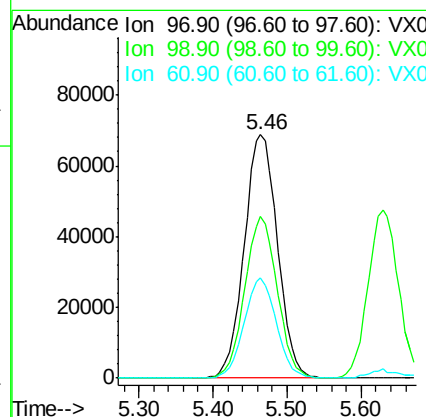
Manual Integrations
APPROVED

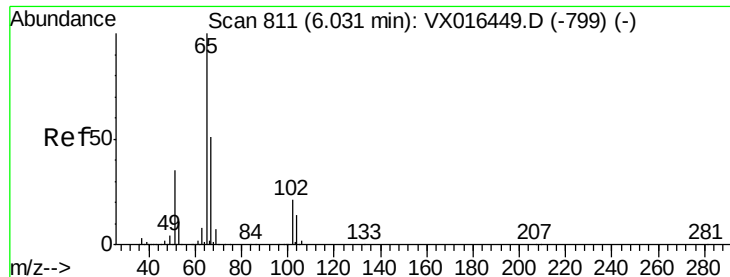
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#32
1,1,1-Trichloroethane
Concen: 49.613 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	39.9	33.5	50.3





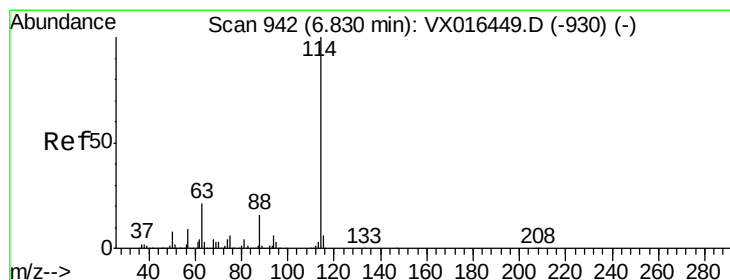
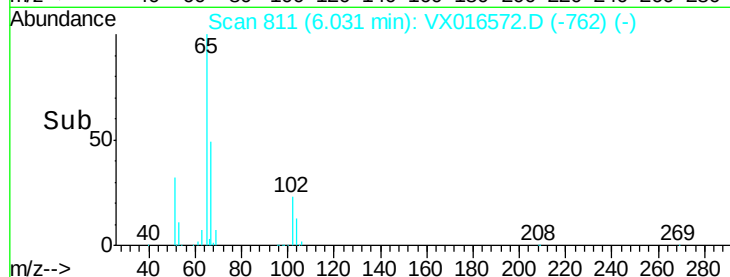
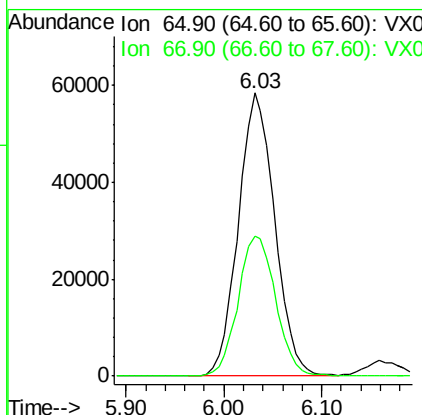
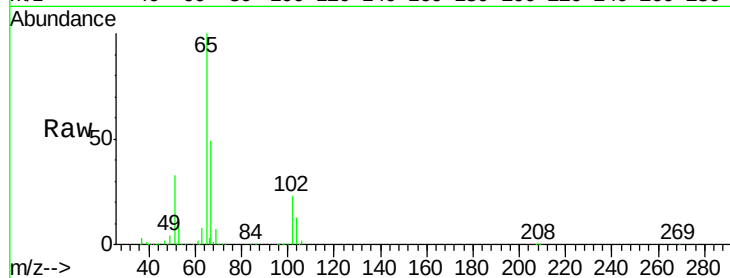
#33
 1,2-Dichloroethane-d4
 Concen: 48.905 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	104.8	

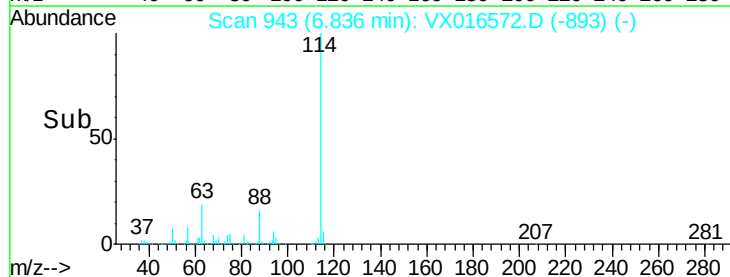
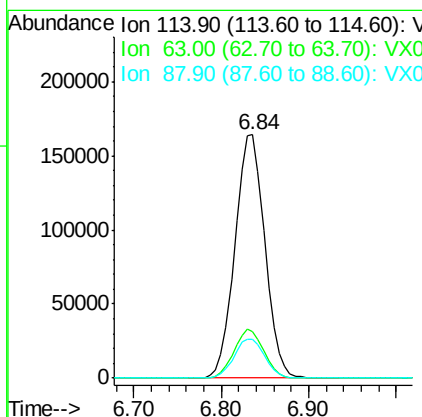
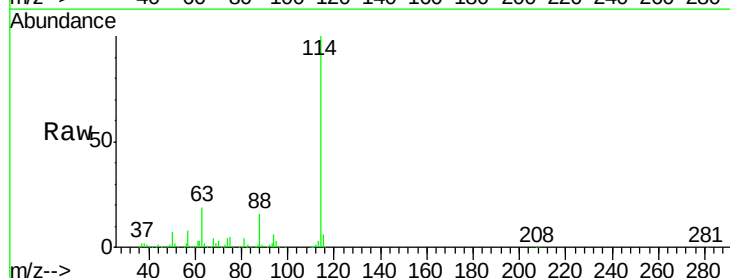
Manual Integrations
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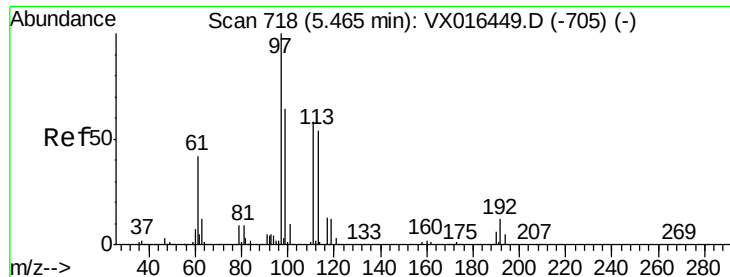
MMDadoda
 6/4/2020 3:07:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	42.6	
88	16.2	0.0	32.8	





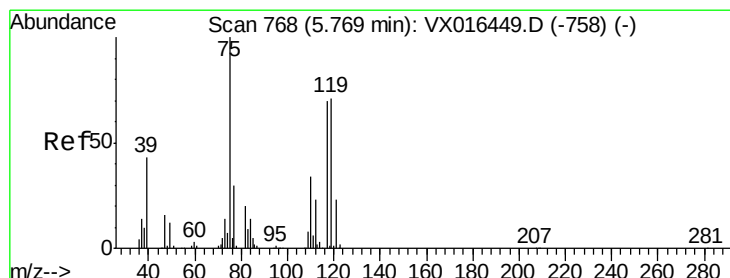
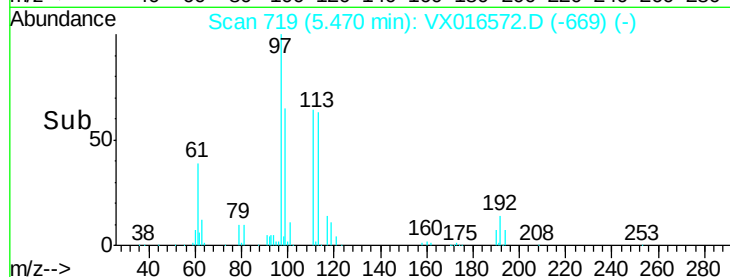
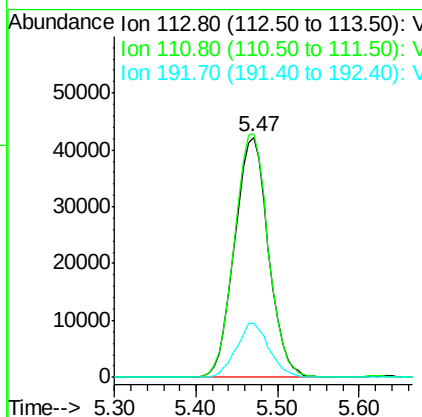
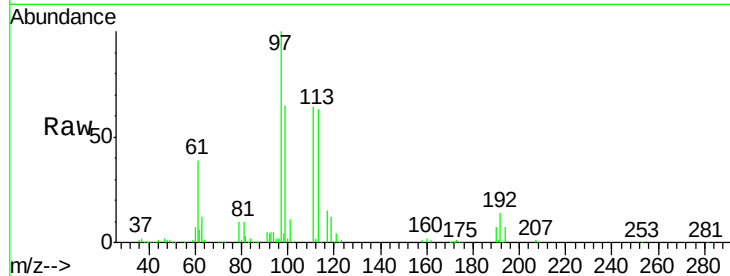
#35
 Dibromofluoromethane
 Concen: 50.530 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121339		
111	101.7	83.0	124.6	
192	21.9	17.7	26.5	

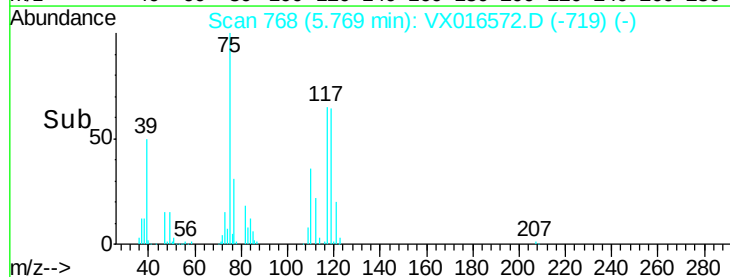
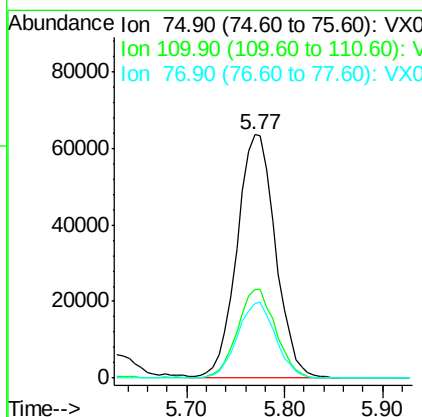
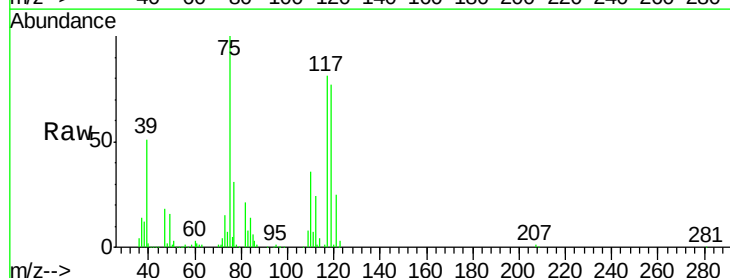
Manual Integrations
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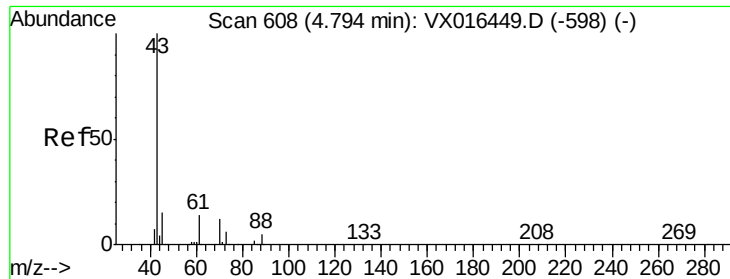
MMDadoda
 6/4/2020 3:07:37 PM



#36
 1,1-Dichloropropene
 Concen: 46.638 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	172210		
110	36.6	17.4	52.3	
77	31.1	24.2	36.4	





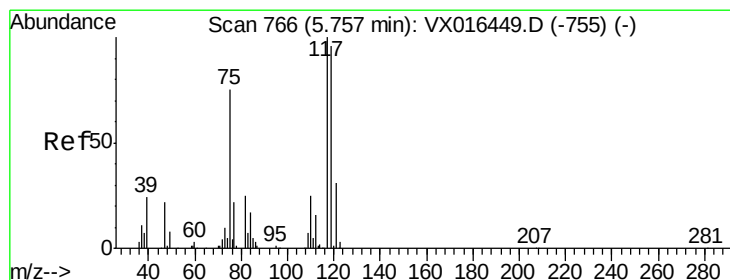
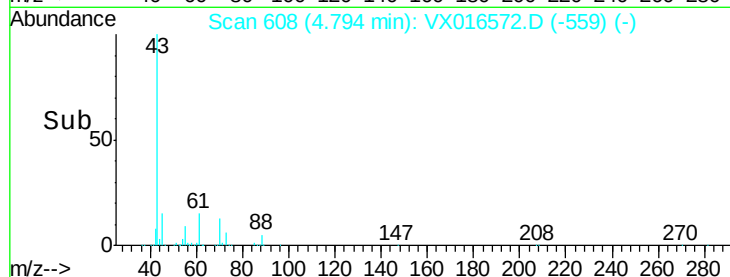
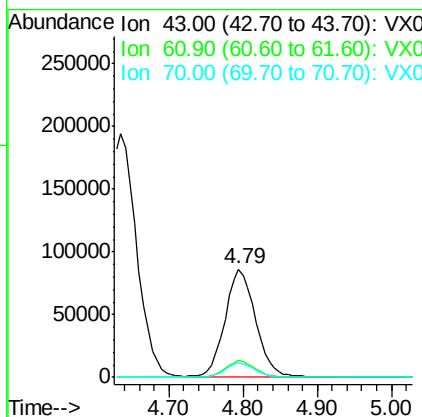
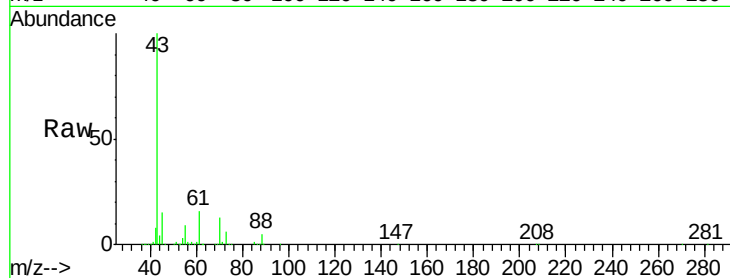
#37
Ethyl Acetate
Concen: 55.741 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion:	43	Resp:	247105
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.3	16.9
70	13.0	9.3	13.9

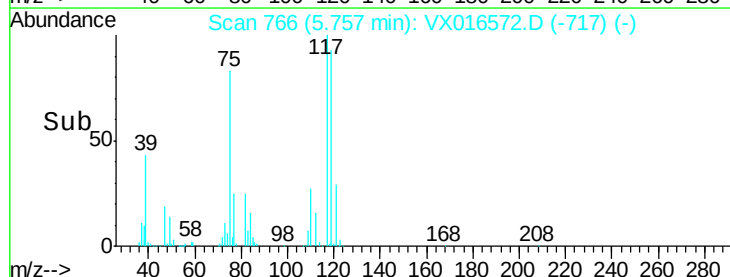
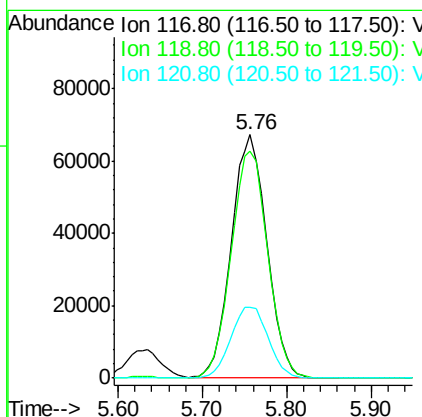
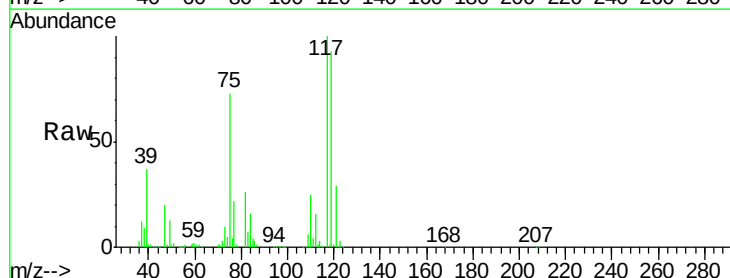
Manual Integrations
APPROVED

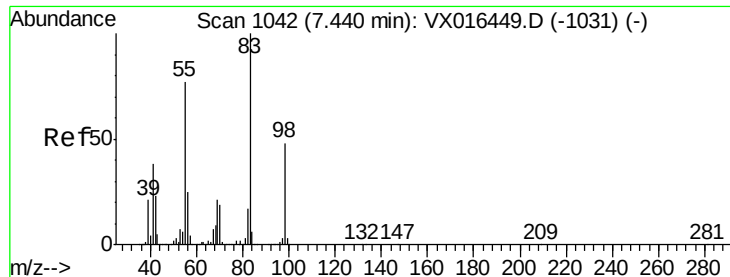
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6/4/2020 3:07:37 PM



#38
Carbon Tetrachloride
Concen: 49.576 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:	117	Resp:	192376
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.3	114.5
121	29.1	24.6	37.0





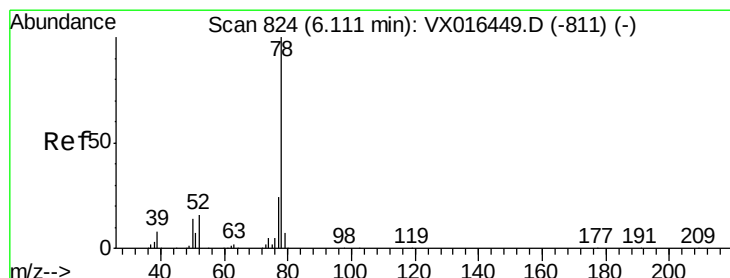
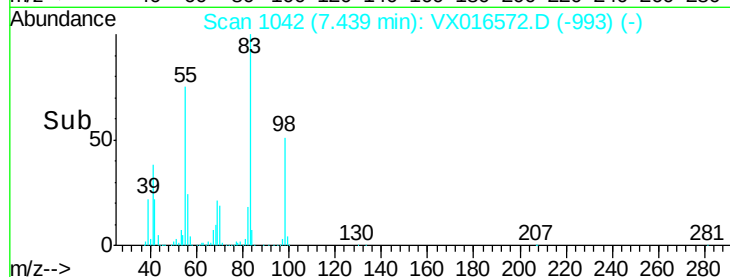
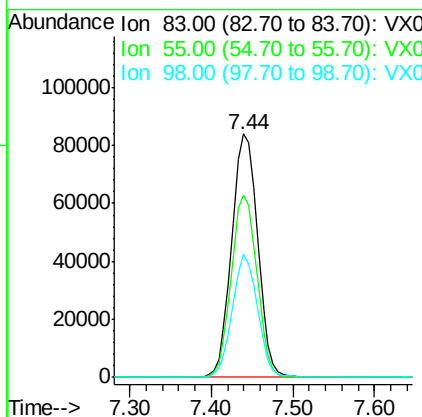
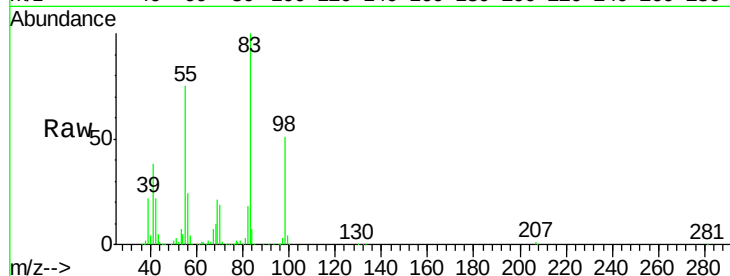
#39
Methylvlcyclohexane
Concen: 45.868 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.7	92.5
98	50.7	38.7	58.1

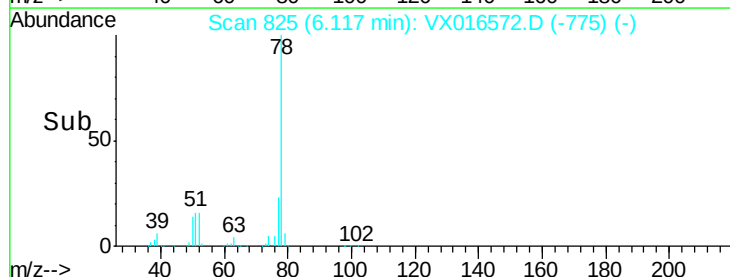
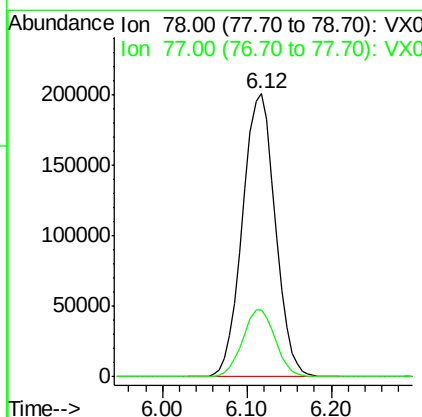
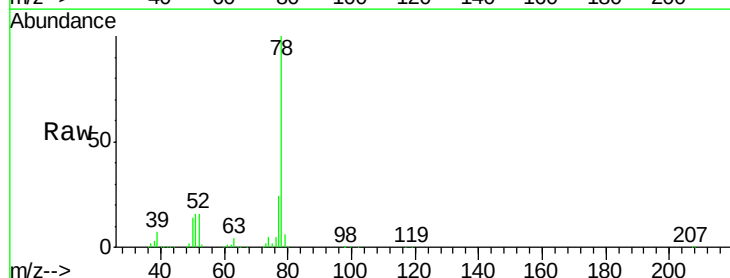
Manual Integrations
APPROVED

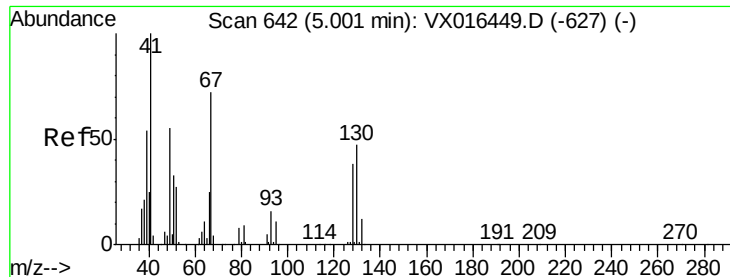
MMDadoda
6/4/2020 3:07:37 PM



#40
Benzene
Concen: 48.167 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





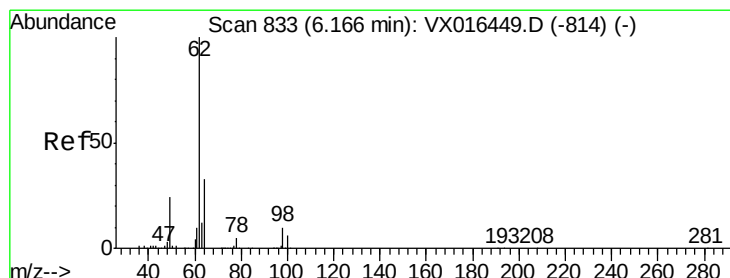
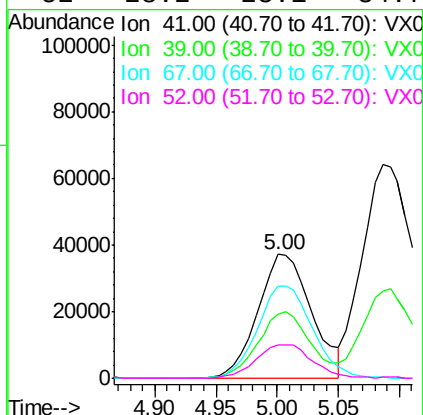
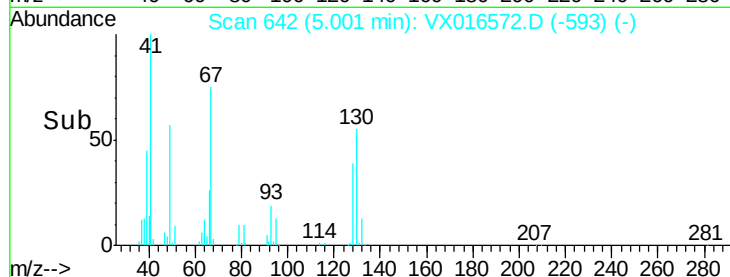
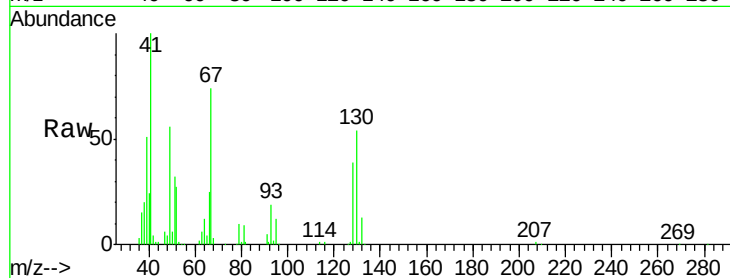
#41
Methacrylonitrile
Concen: 46.403 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	43.0	64.4	
67	76.6	58.9	88.3	
52	28.2	23.1	34.7	

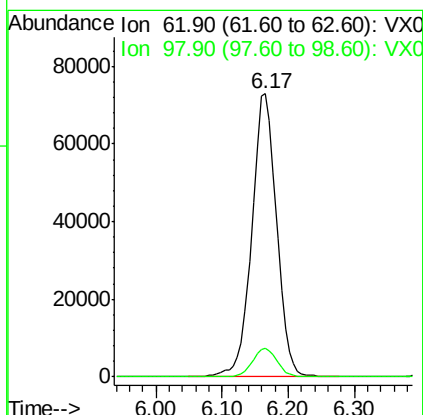
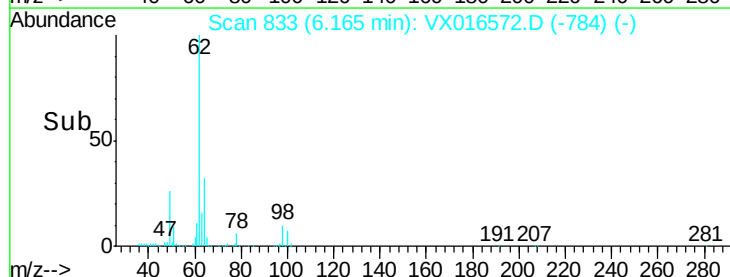
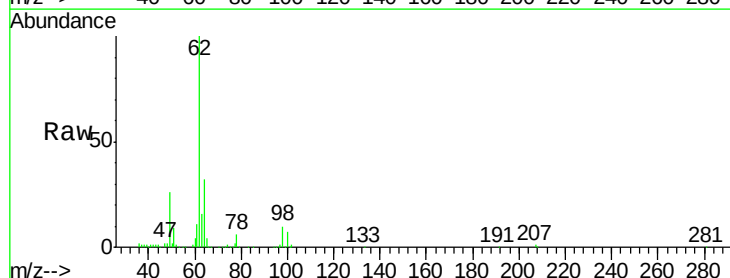
Manual Integrations
APPROVED

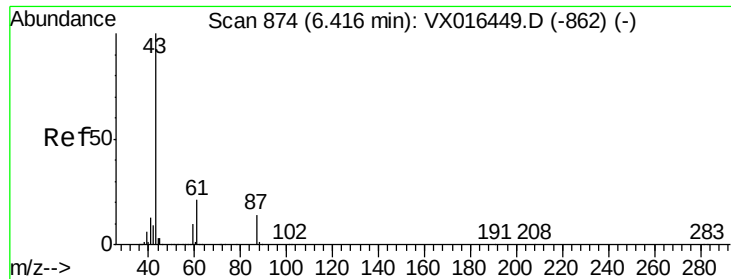
MMDadoda
6/4/2020 3:07:37 PM



#42
1,2-Dichloroethane
Concen: 48.847 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.8	





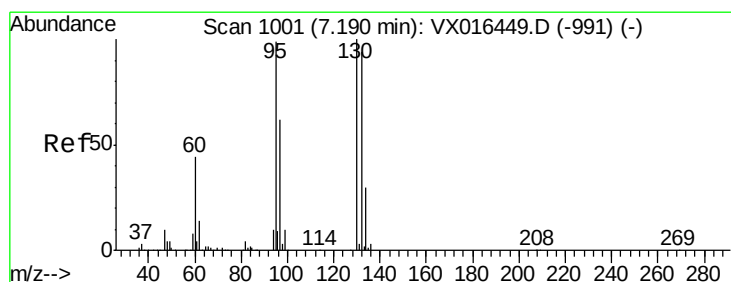
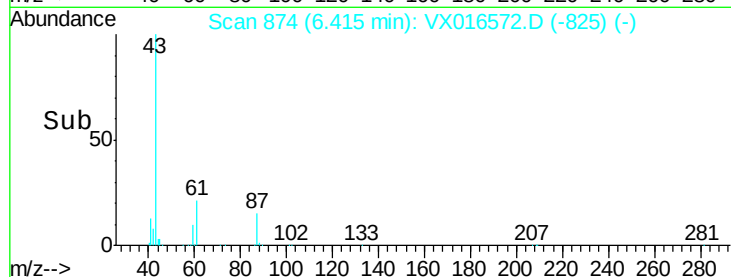
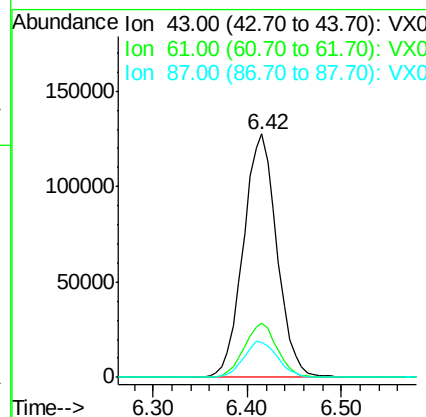
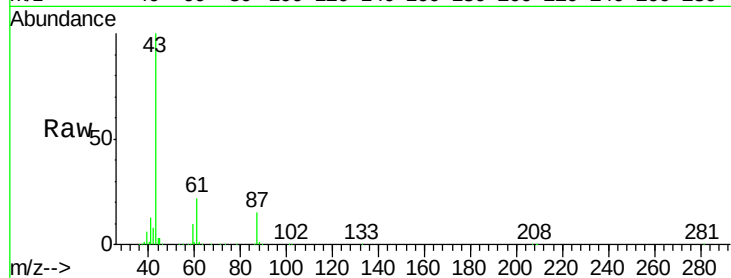
#43
Isopropyl Acetate
Concen: 45.729 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	15.1	11.2	16.8

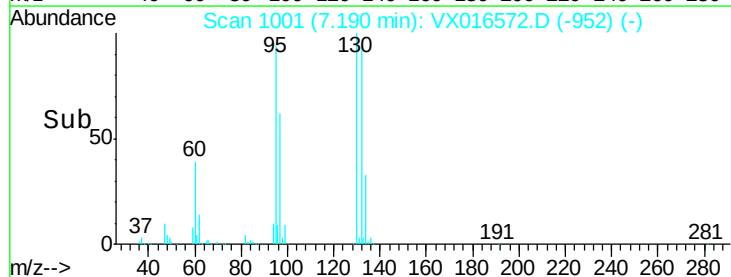
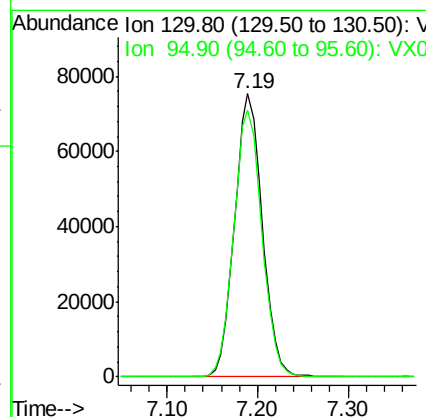
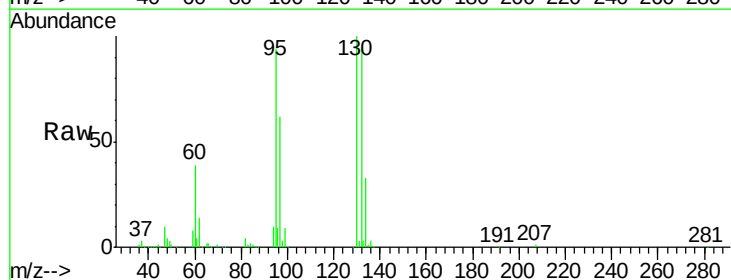
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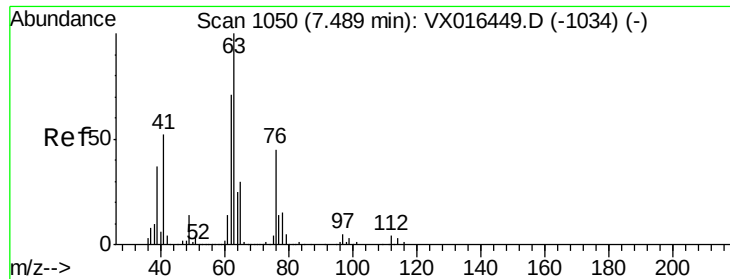
MMDadoda
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#44
Trichloroethene
Concen: 45.795 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	198.2





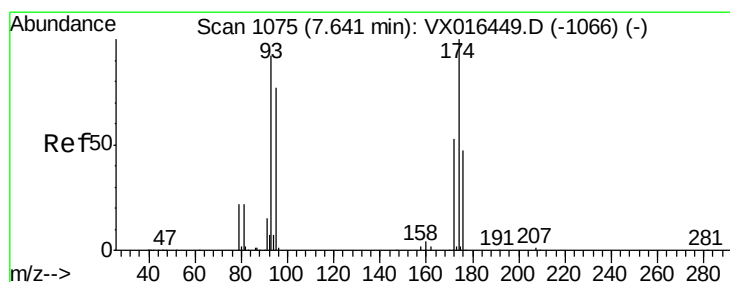
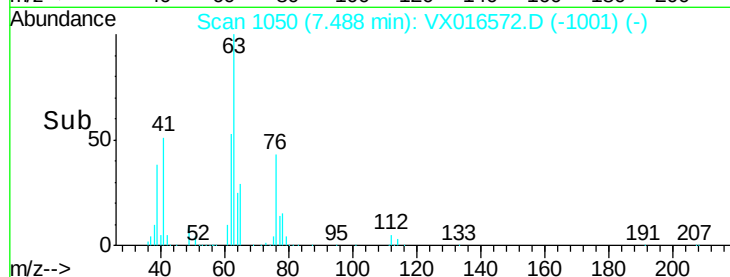
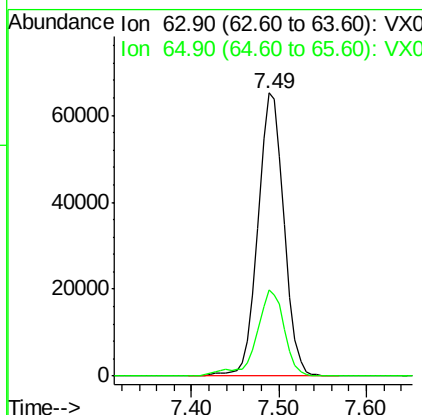
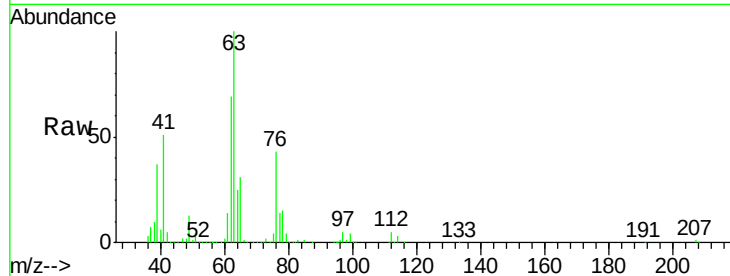
#45
 1,2-Dichloropropane
 Concen: 48.304 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.2	36.2

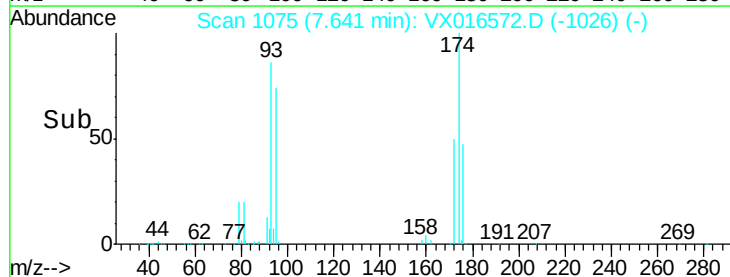
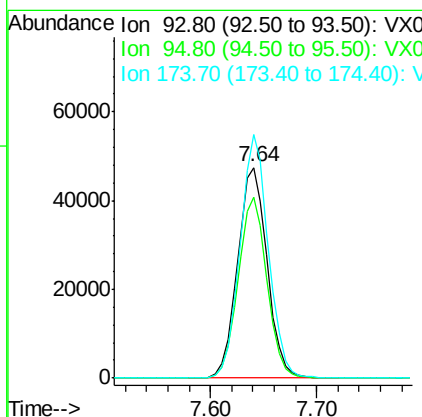
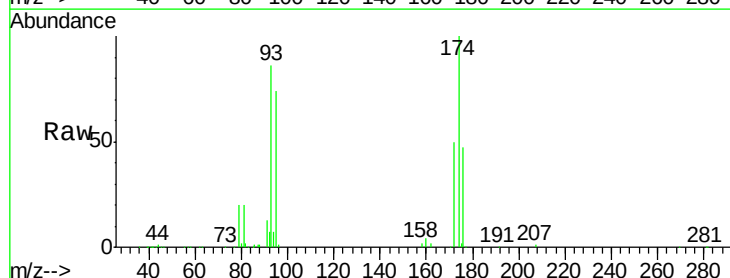
Manual Integrations
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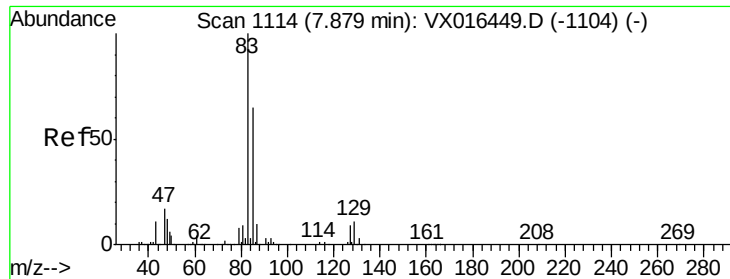
MMDadoda
 6/4/2020 3:07:37 PM



#46
 Dibromomethane
 Concen: 49.155 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	100.0
174	111.1	86.2	129.4





#47

Bromodichloromethane

Concen: 50.001 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

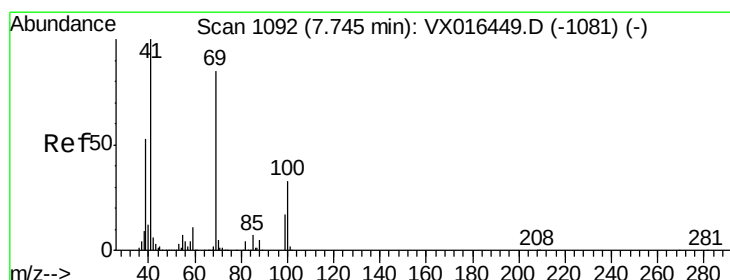
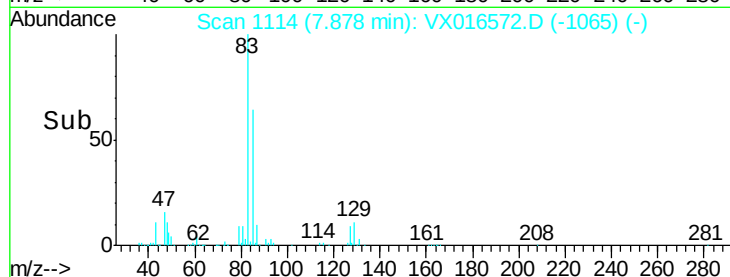
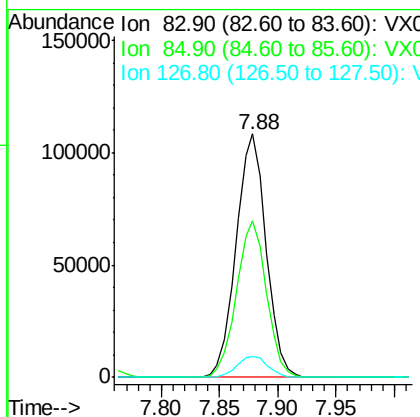
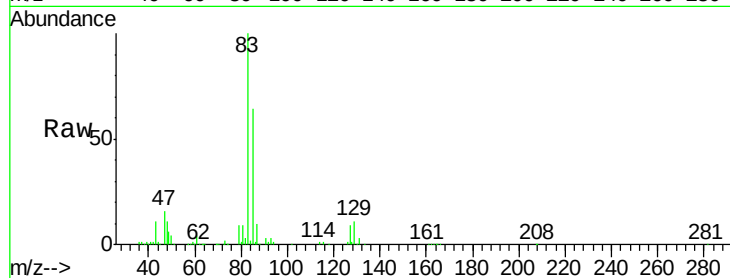
ClientSampleId :

SP20-MMW3414MSD

Tot Ion:	83	Resp:	194661
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.0	78.0
127	8.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.993 ug/l

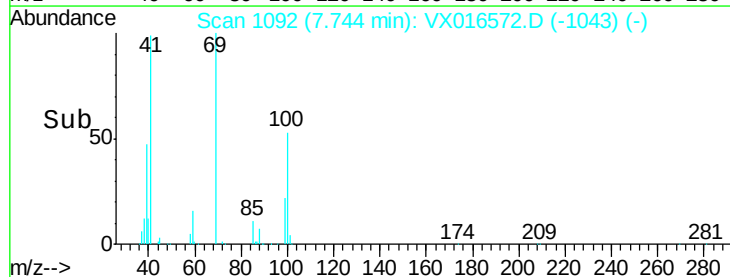
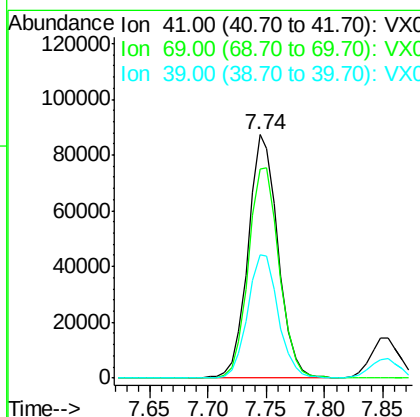
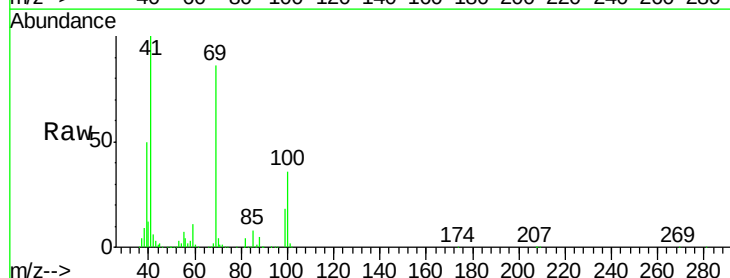
RT: 7.74 min Scan# 1092

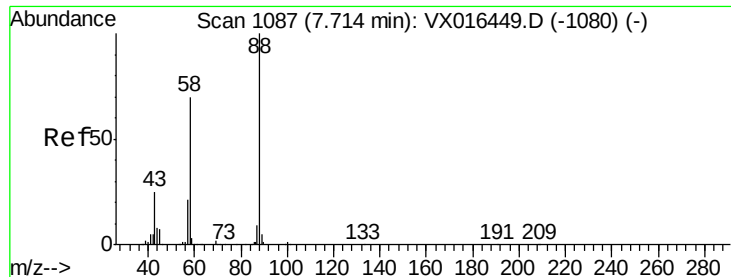
Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion:	41	Resp:	155586
Ion Ratio	Lower	Upper	
41	100		
69	89.5	68.6	102.8
39	52.1	42.4	63.6





#49

1,4-Dioxane

Concen: 897.088 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

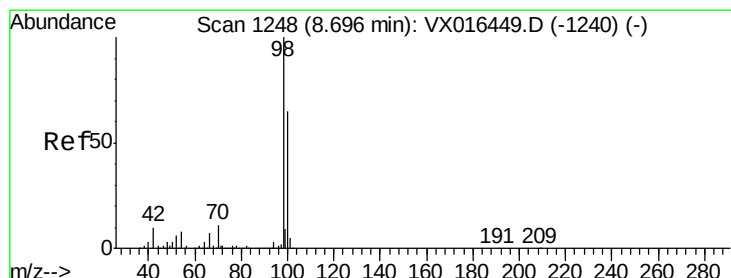
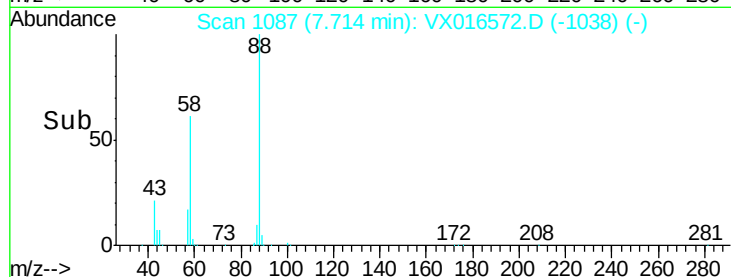
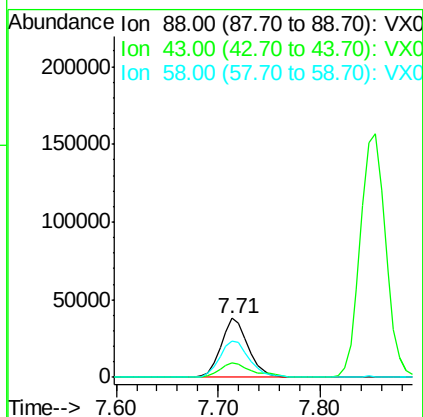
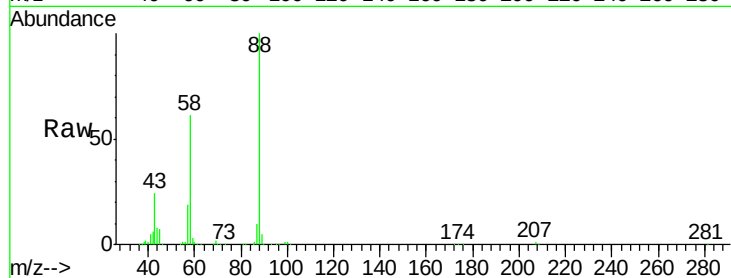
ClientSampleId :

SP20-MMW3414MSD

Tot Ion:	88	Resp:	69508
Ion Ratio	Lower	Upper	
88	100		
43	29.8	24.2	36.4
58	68.1	56.5	84.7

Manual Integrations
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#50

Toluene-d8

Concen: 49.576 ug/l

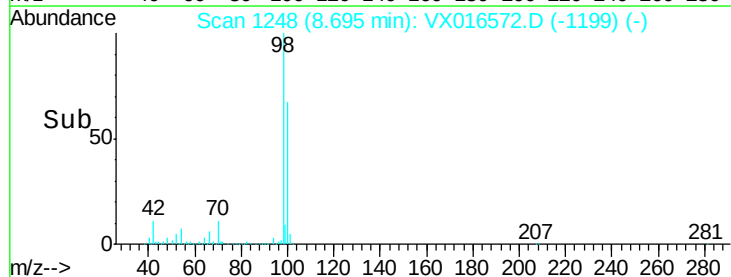
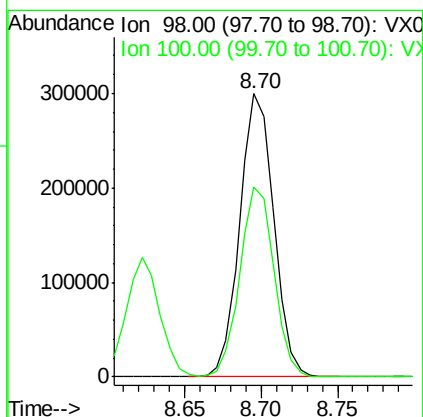
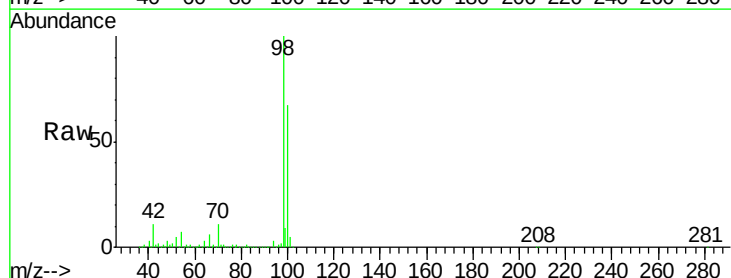
RT: 8.70 min Scan# 1248

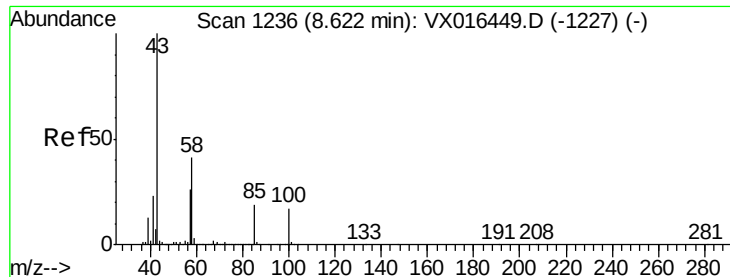
Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion:	98	Resp:	463364
Ion Ratio	Lower	Upper	
98	100		
100	67.2	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 240.525 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 43 Resp: 1035607

Ion Ratio Lower Upper

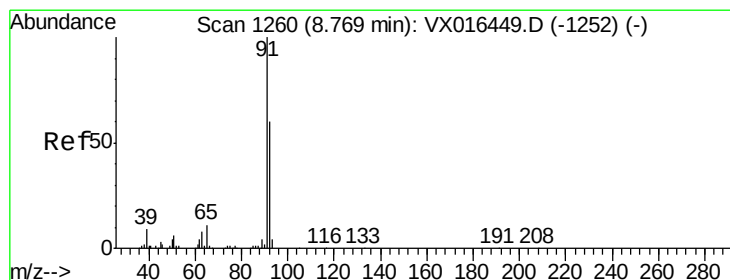
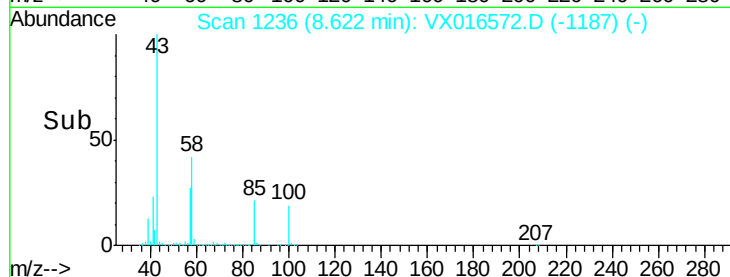
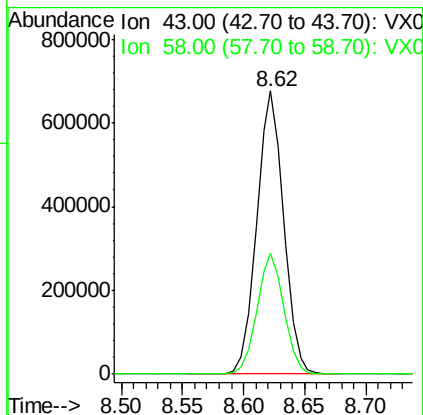
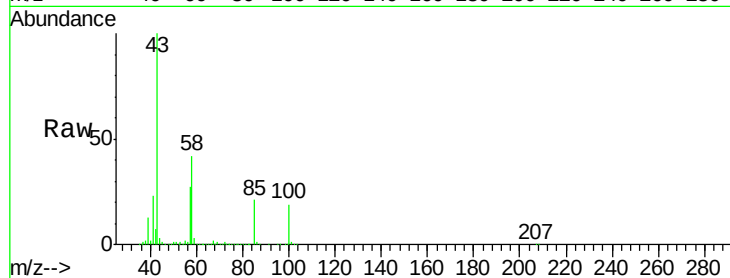
43 100

58 42.5 33.0 49.6

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6/4/2020 3:07:37 PM



#52

Toluene

Concen: 49.861 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016572.D

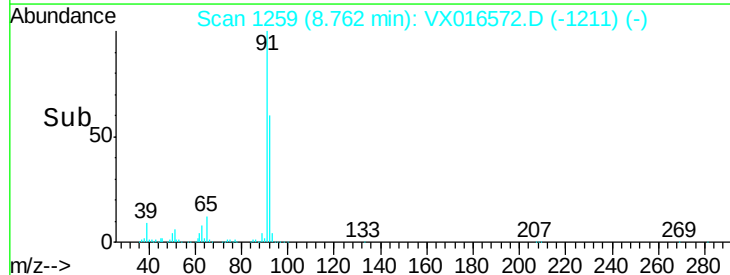
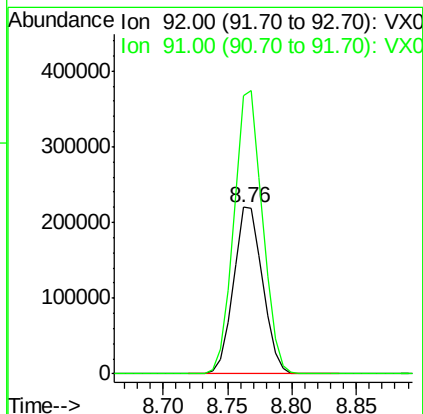
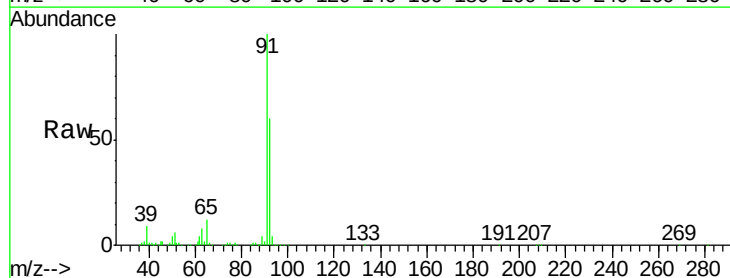
Acq: 03 Jun 2020 17:28

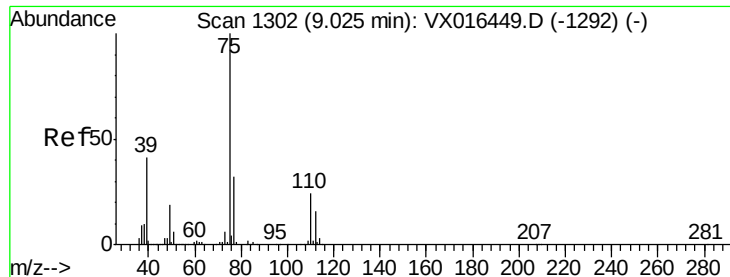
Tgt Ion: 92 Resp: 345737

Ion Ratio Lower Upper

92 100

91 167.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.179 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 75 Resp: 226566

Ion Ratio Lower Upper

75 100

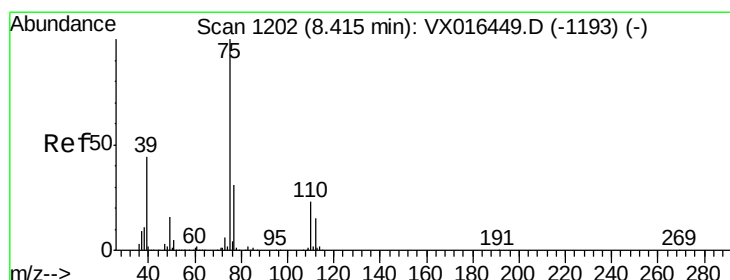
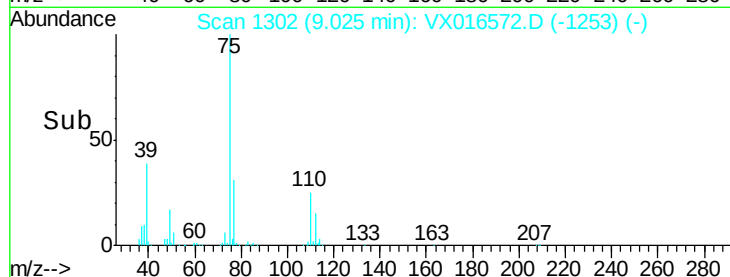
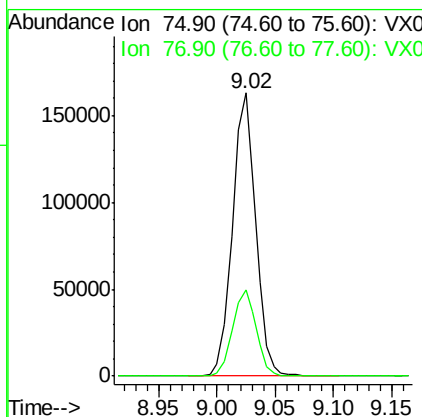
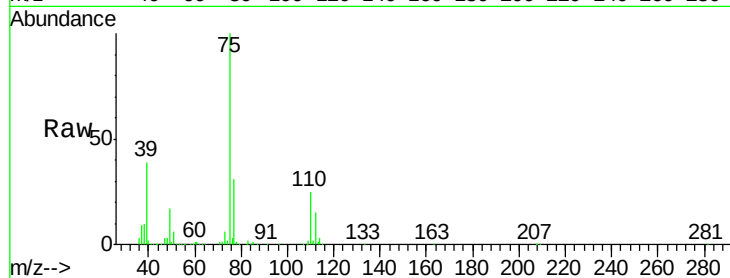
77 30.6 25.5 38.3

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6/4/2020 3:07:37 PM



#54

cis-1,3-Dichloropropene

Concen: 49.480 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

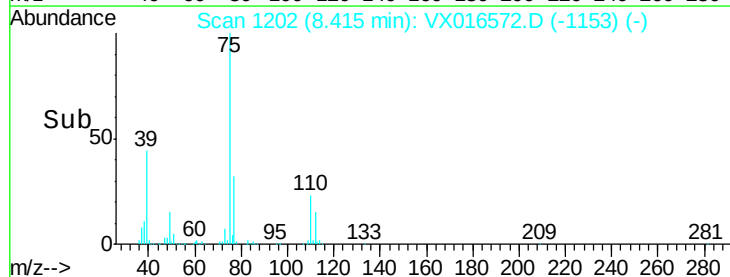
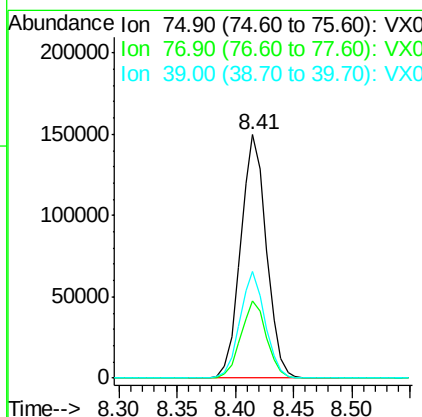
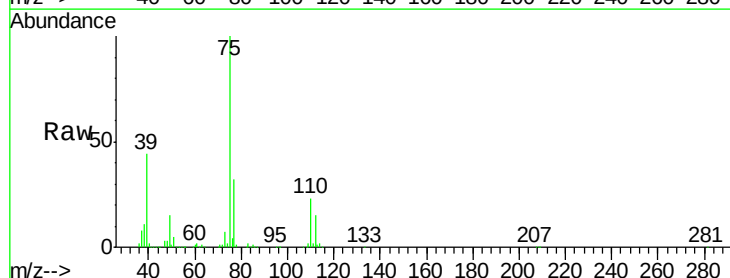
Tgt Ion: 75 Resp: 231849

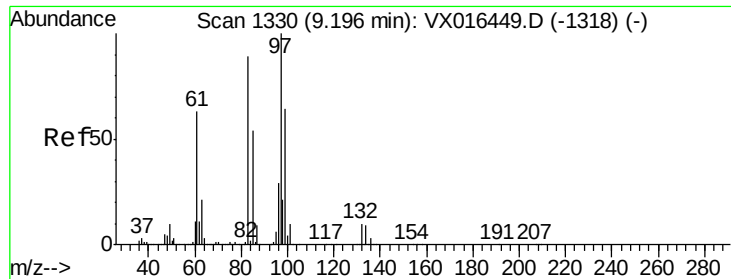
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 43.6 35.3 52.9





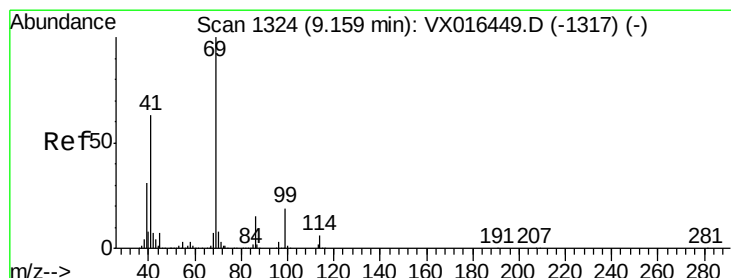
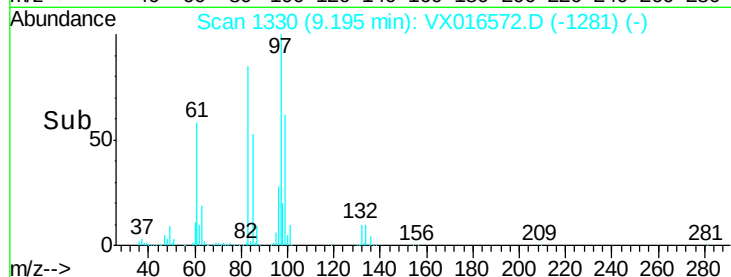
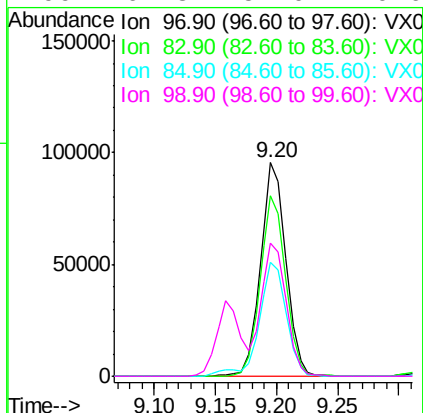
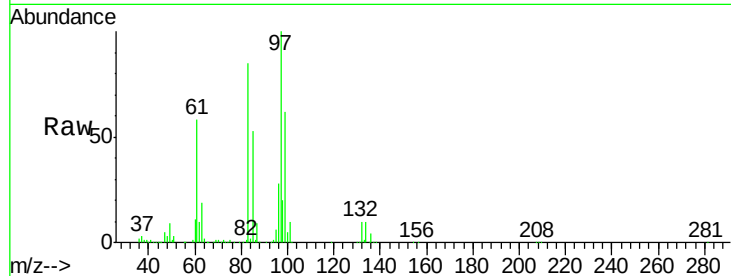
#55
 1,1,2-Trichloroethane
 Concen: 50.263 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		138572		
83	84.7	70.9	106.3		
85	53.1	43.4	65.2		
99	62.3	51.0	76.6		

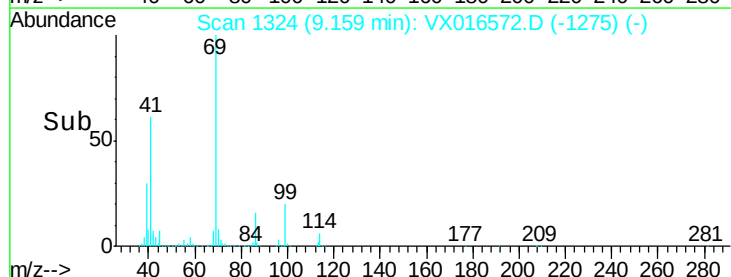
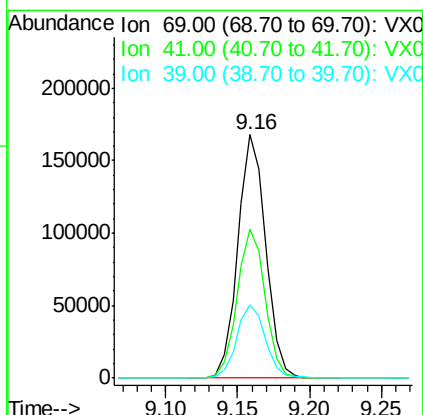
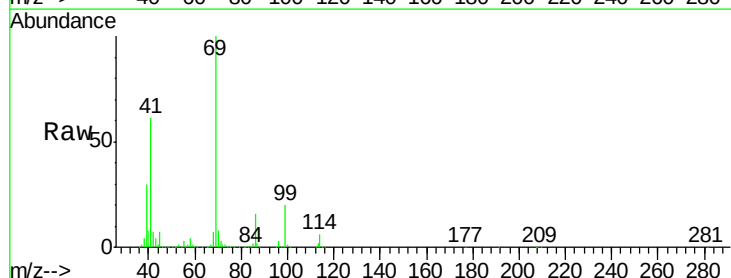
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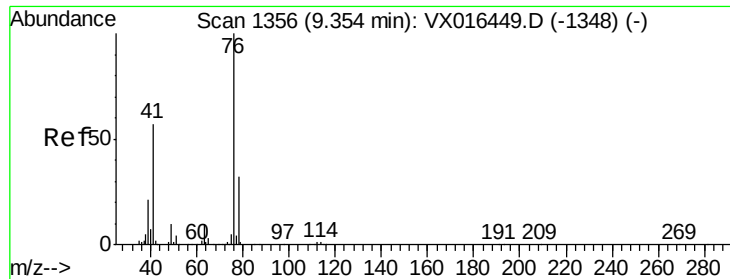
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#56
 Ethyl methacrylate
 Concen: 50.348 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		226063		
41	61.3	50.7	76.1		
39	30.9	25.8	38.6		





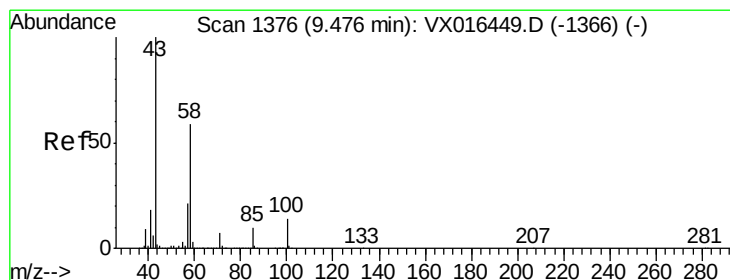
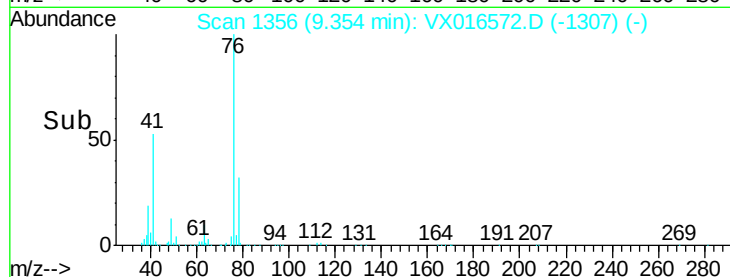
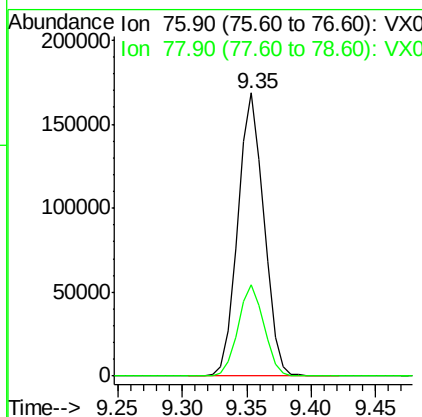
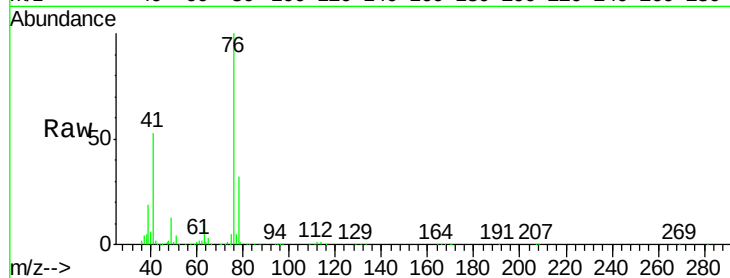
#57
 1,3-Dichloropropane
 Concen: 49.975 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.4

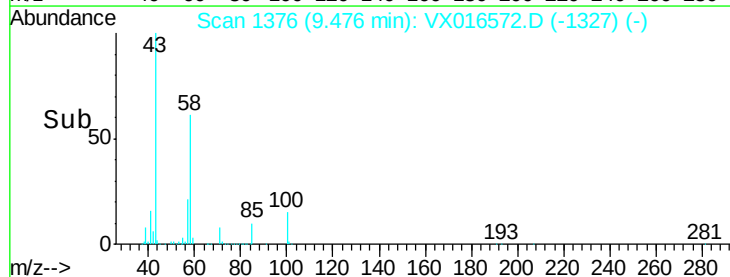
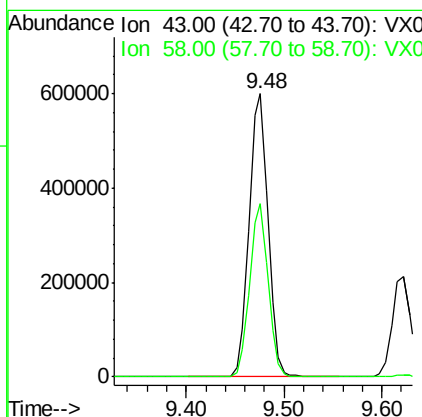
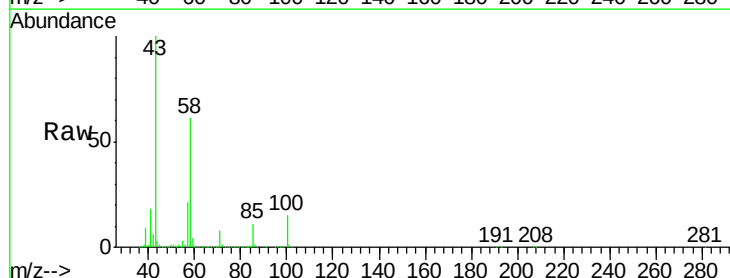
Manual Integrations
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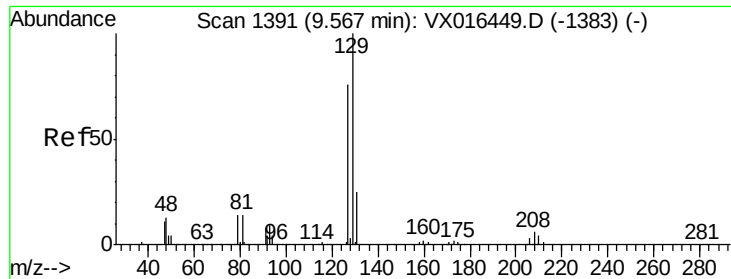
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#59
 2-Hexanone
 Concen: 240.774 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.7	28.8	86.4





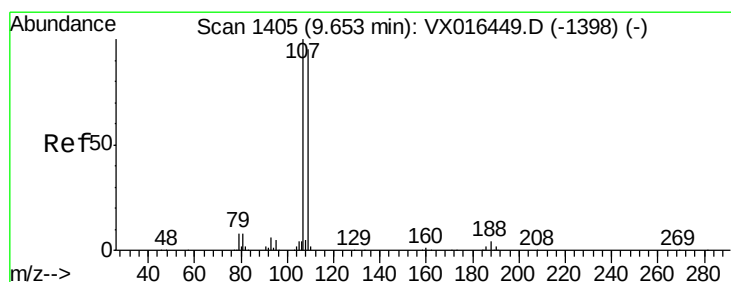
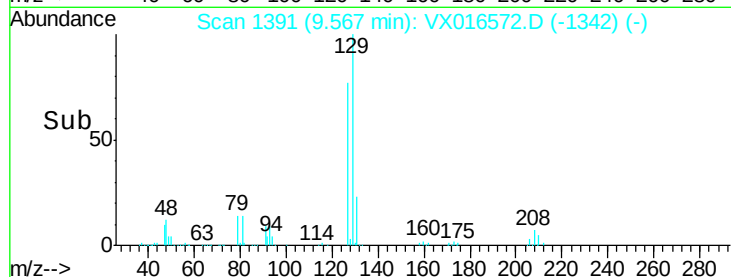
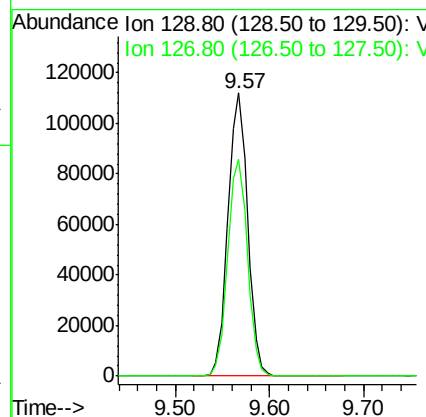
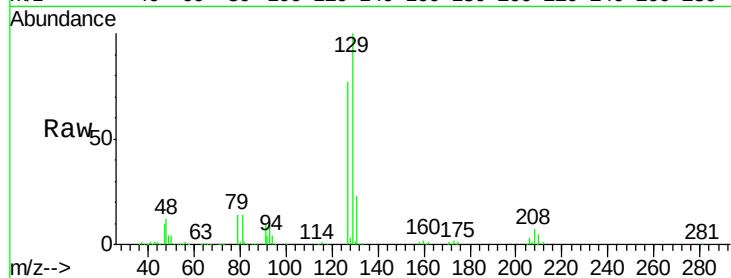
#60
 Dibromochloromethane
 Concen: 52.593 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.6	116.0

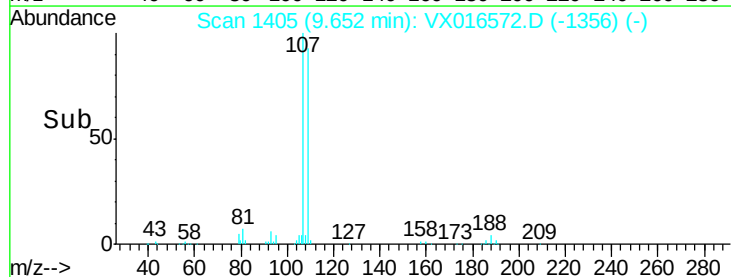
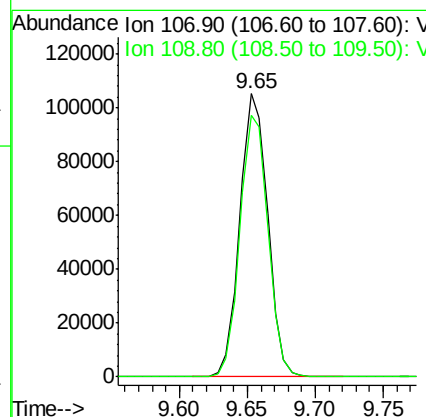
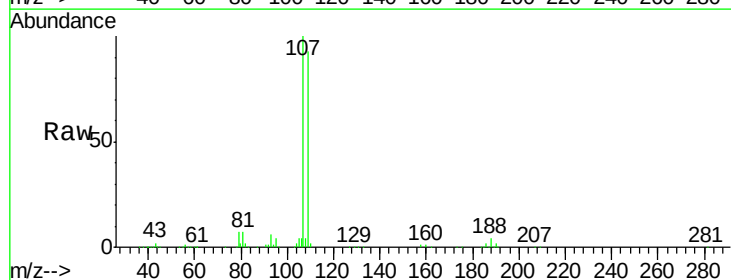
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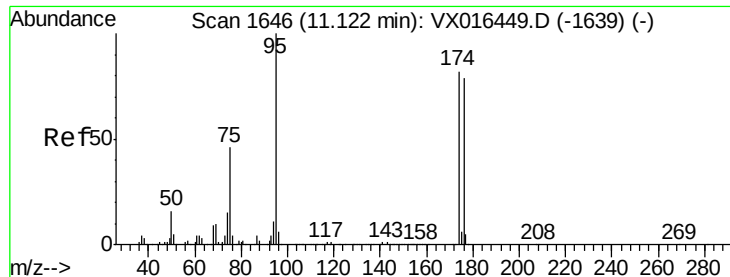
MMDadoda
 6/4/2020 3:07:37 PM



#61
 1,2-Dibromoethane
 Concen: 50.942 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.5	113.3





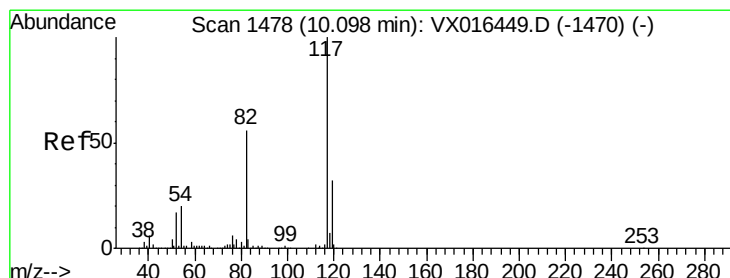
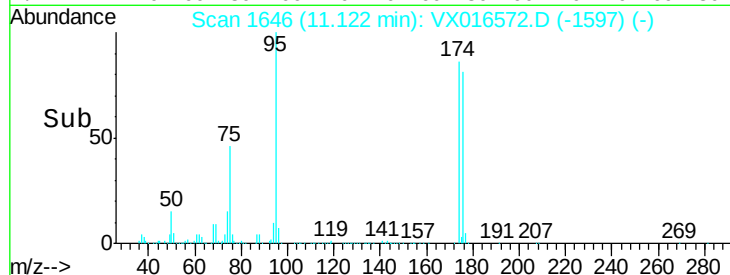
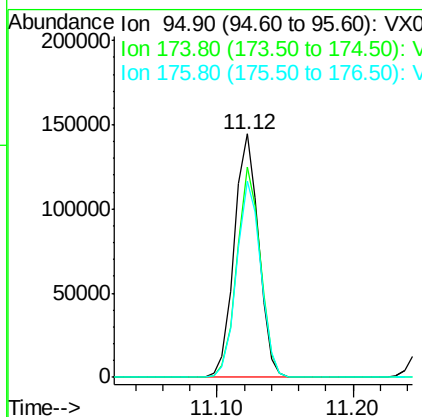
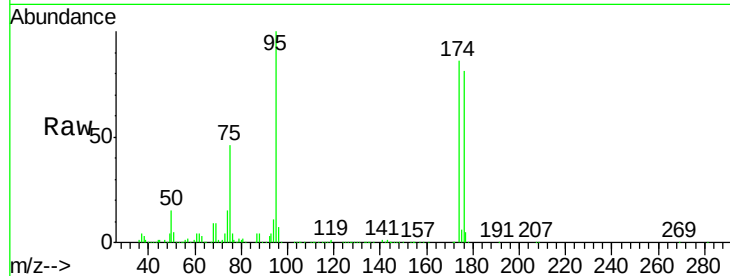
#62
4-Bromofluorobenzene
Concen: 49.752 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	179680		
174	83.6	0.0	163.0	
176	80.4	0.0	156.8	

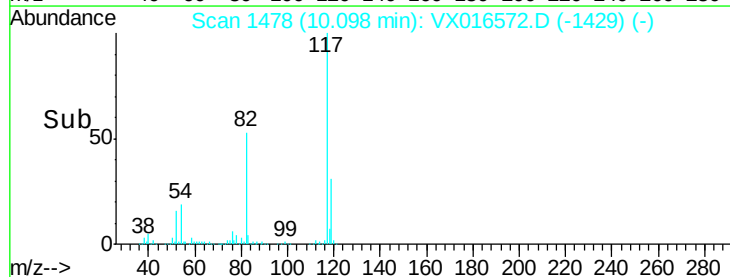
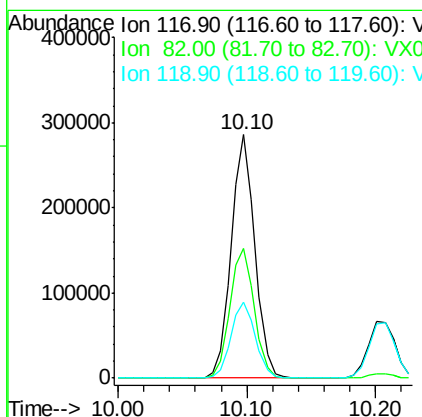
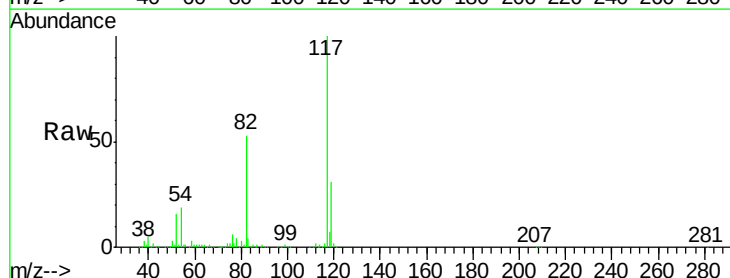
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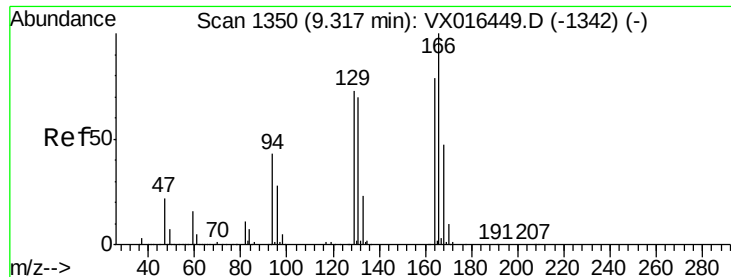
MMDadoda
6/4/2020 3:07:37 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	367242		
82	53.1	45.0	67.6	
119	31.2	25.8	38.8	





#64

Tetrachloroethene

Concen: 40.767 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion:164 Resp: 167496

Ion Ratio Lower Upper

164 100

166 130.8 100.9 151.3

129 94.8 73.2 109.8

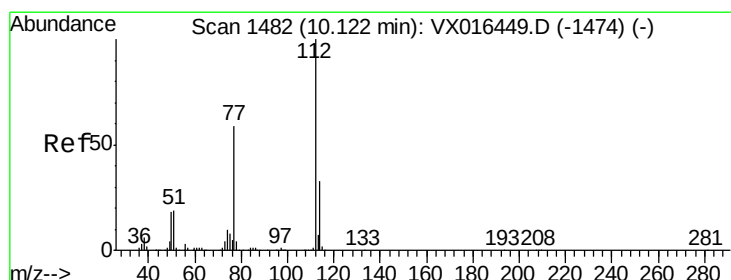
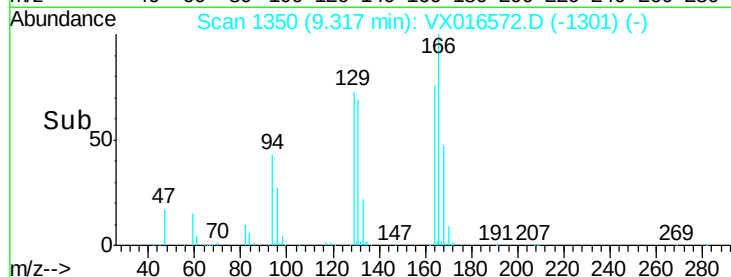
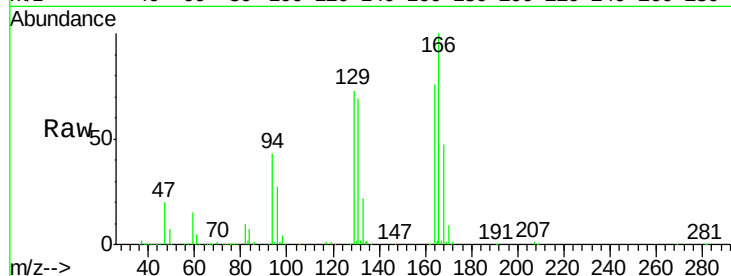
131 90.3 70.8 106.2

Manual Integrations

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6/4/2020 3:07:37 PM



#65

Chlorobenzene

Concen: 49.671 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016572.D

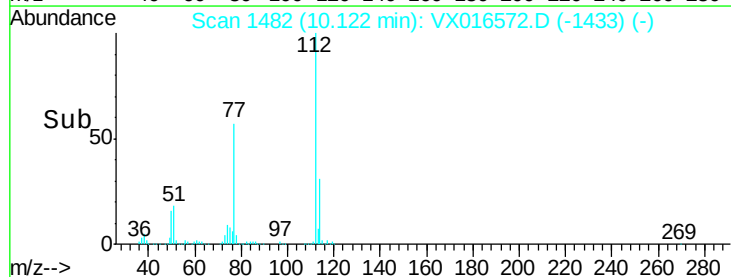
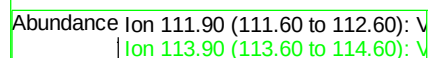
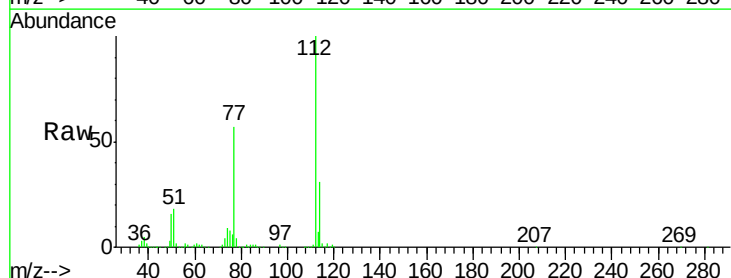
Acq: 03 Jun 2020 17:28

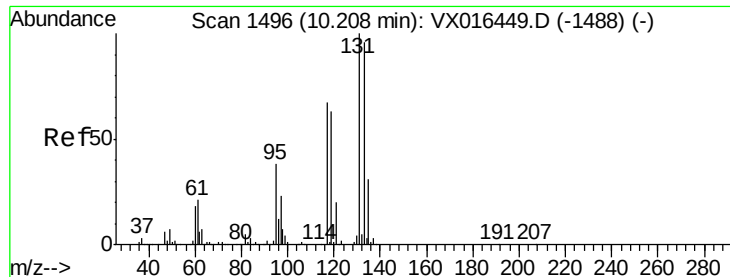
Tgt Ion:112 Resp: 371891

Ion Ratio Lower Upper

112 100

114 31.3 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 50.861 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

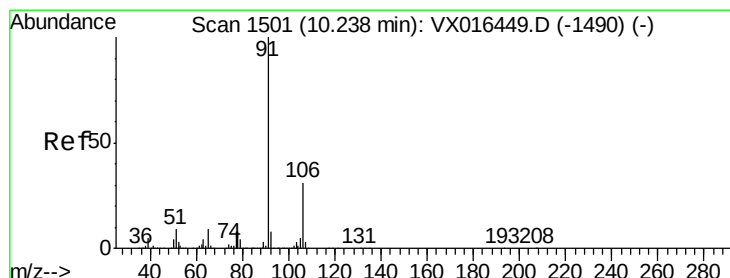
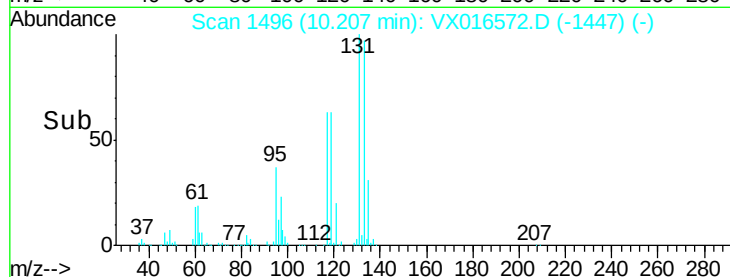
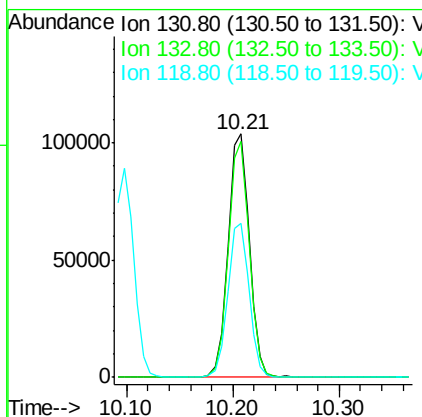
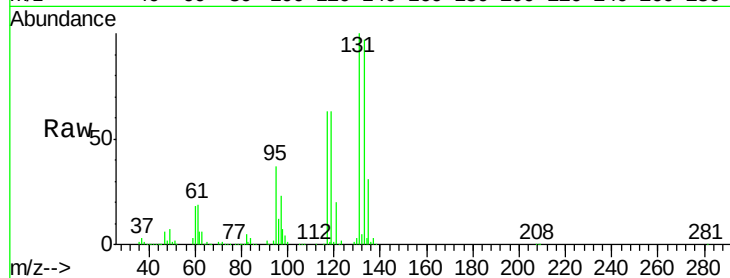
ClientSampleId :

SP20-MMW3414MSD

Tot Ion:	131	Resp:	145362
Ion Ratio	Lower	Upper	
131	100		
133	95.8	48.4	145.3
119	63.1	32.0	96.2

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.291 ug/l

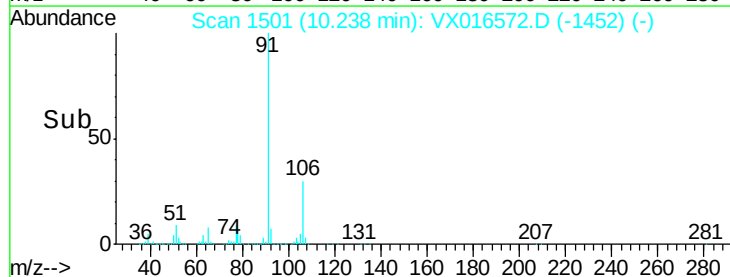
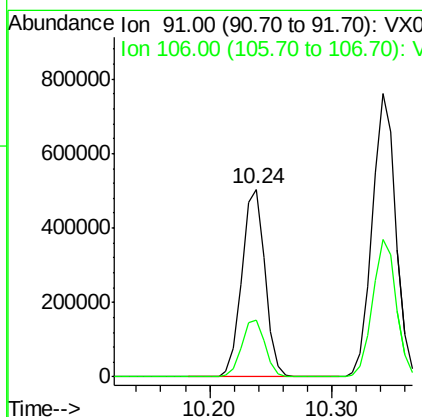
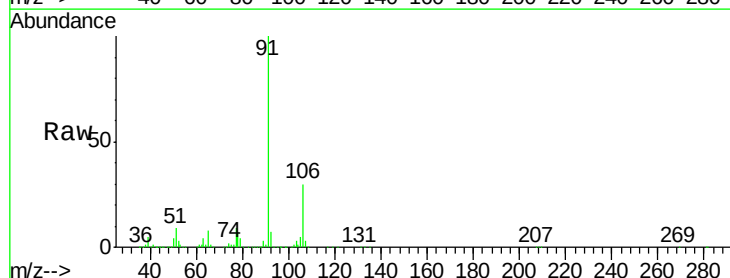
RT: 10.24 min Scan# 1501

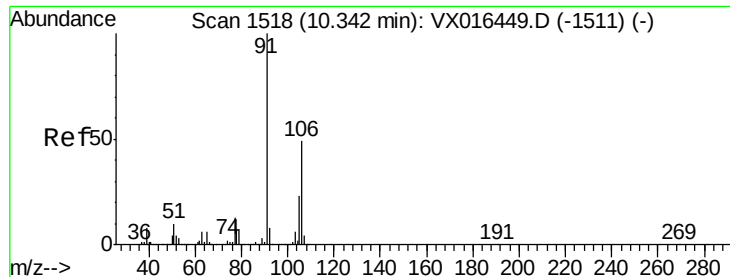
Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion:	91	Resp:	657051
Ion Ratio	Lower	Upper	
91	100		
106	30.5	25.0	37.4





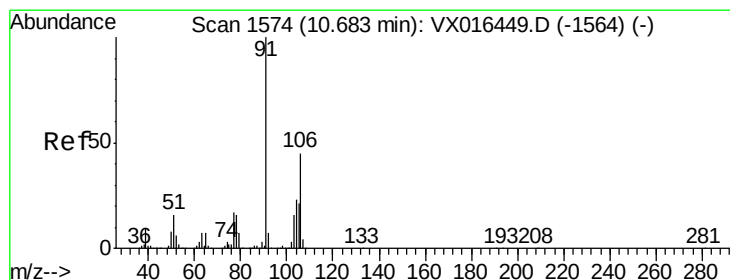
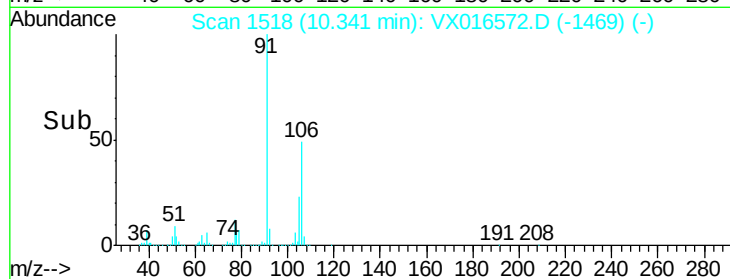
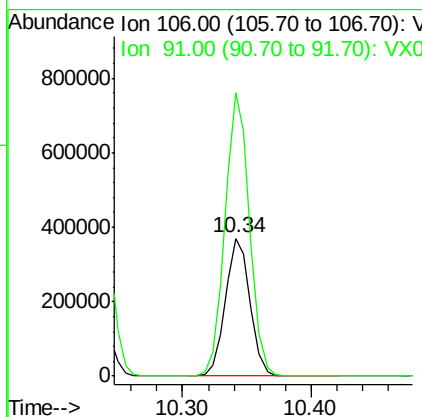
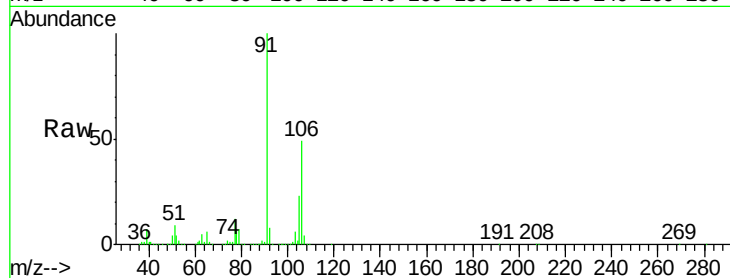
#68
m/p-Xylenes
Concen: 100.569 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.1	163.8	245.8	

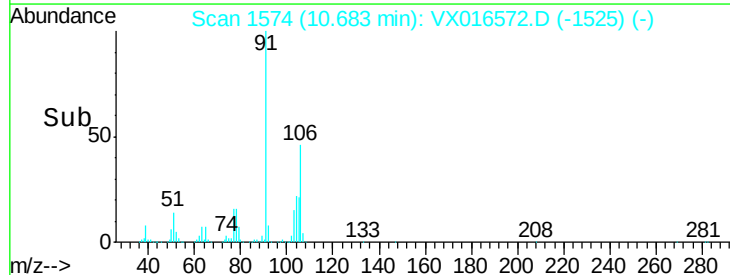
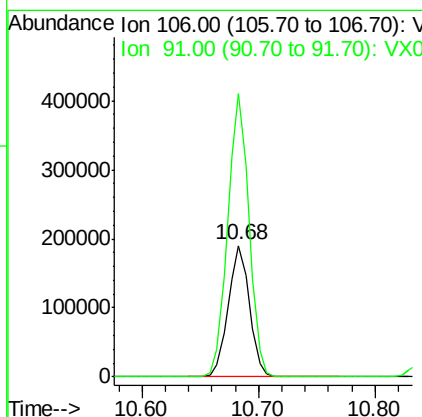
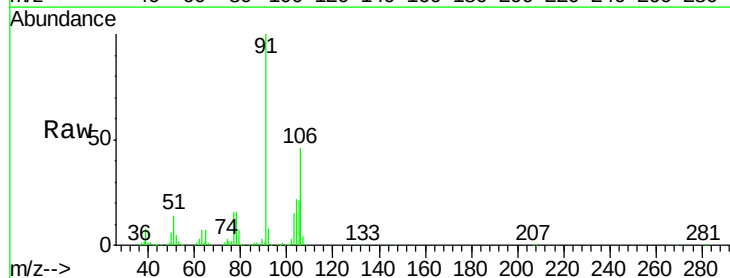
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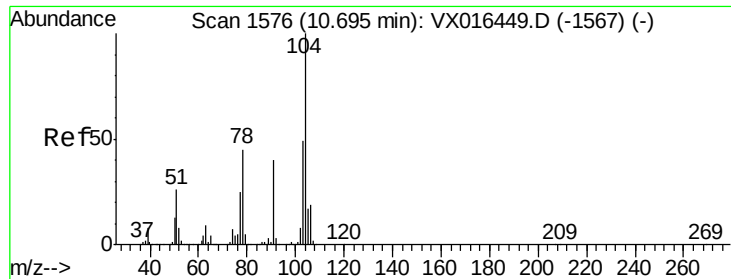
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#69
o-Xylene
Concen: 50.163 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.2	109.6	328.8	





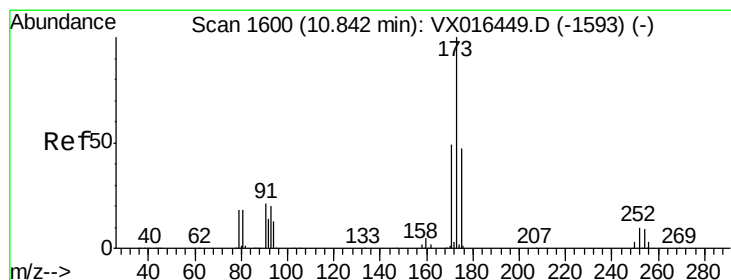
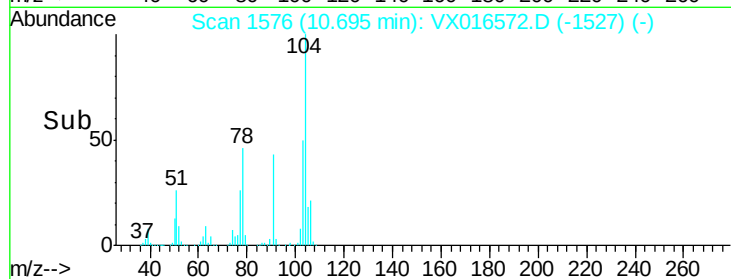
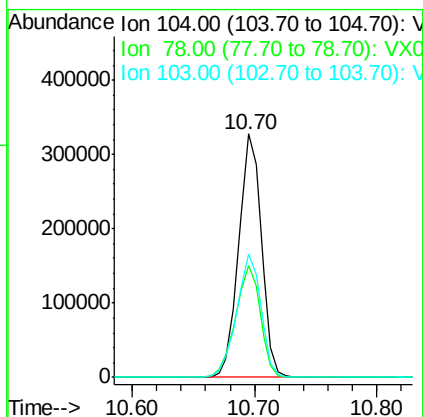
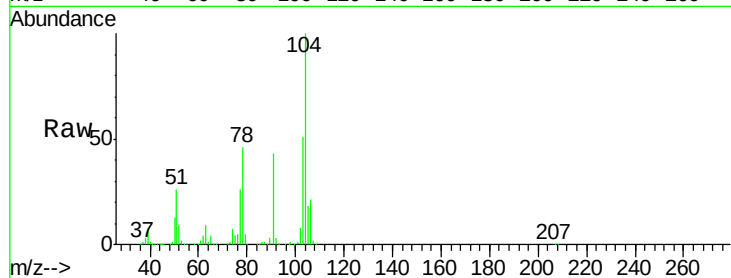
#70
Stvrene
Concen: 50.976 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	419397		
78	50.2		40.2	60.2
103	54.1		43.1	64.7

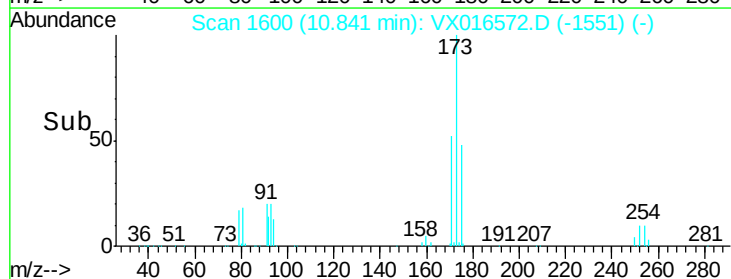
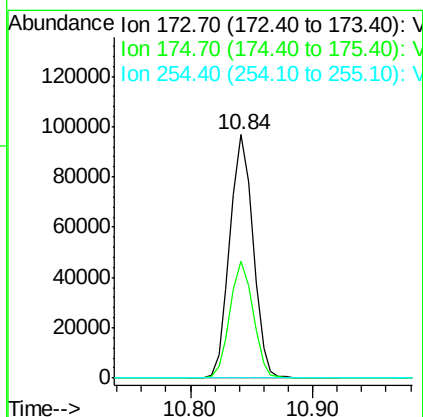
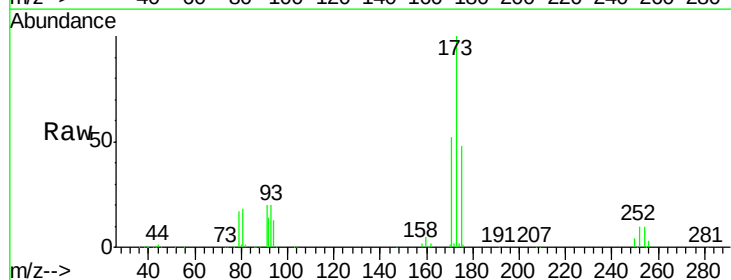
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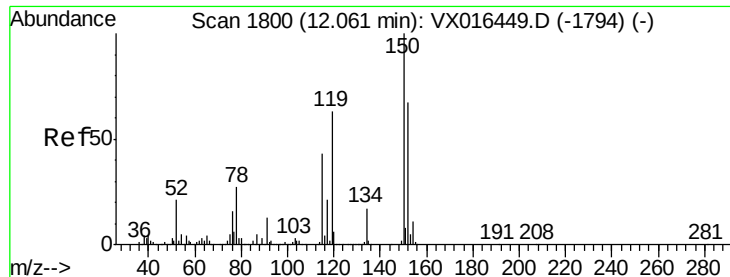
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6/4/2020 3:07:37 PM



#71
Bromoform
Concen: 52.665 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	127207		
175	47.9		23.9	71.7
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

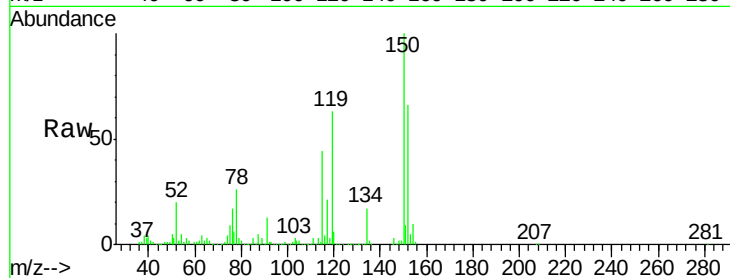
ClientSampleId :

SP20-MMW3414MSD

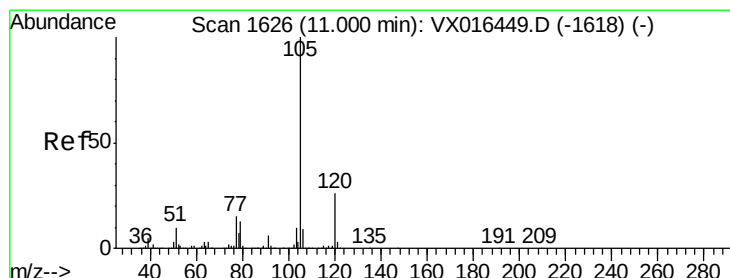
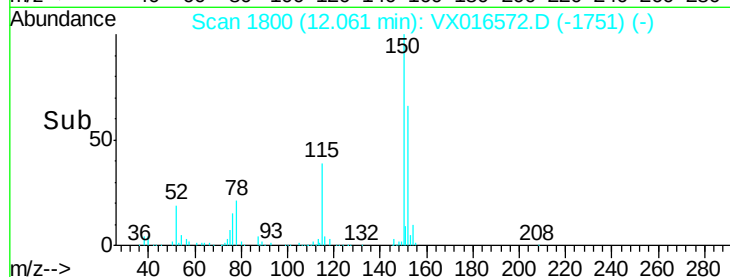
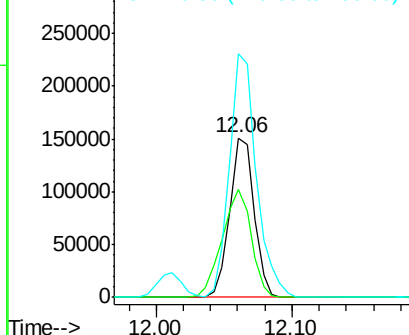
Tot Ion:	152	Resp:	188716
Ion Ratio	Lower	Upper	
152	100		
115	80.5	39.9	119.6
150	168.6	0.0	341.0

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.729 ug/l

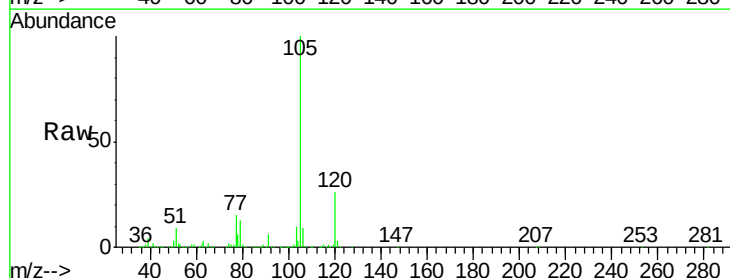
RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

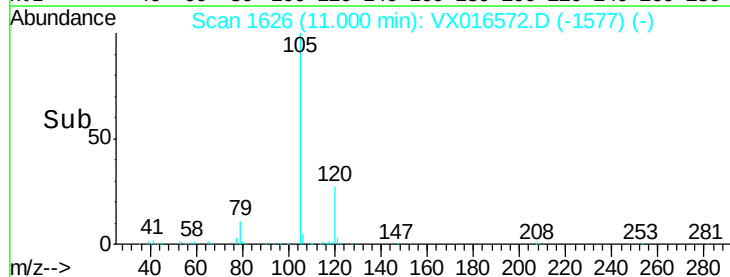
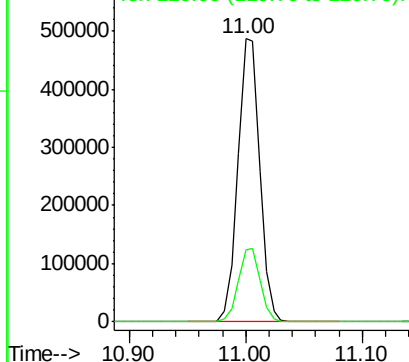
Lab File: VX016572.D

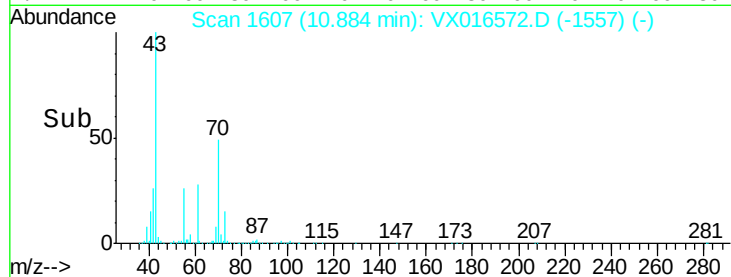
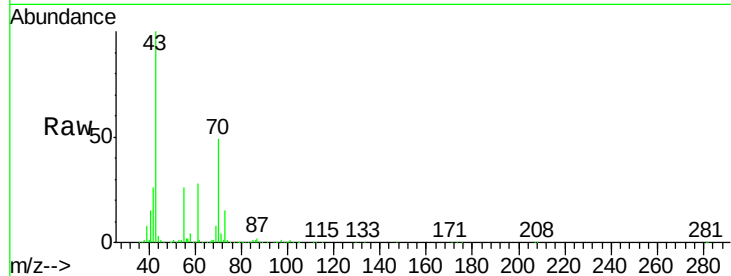
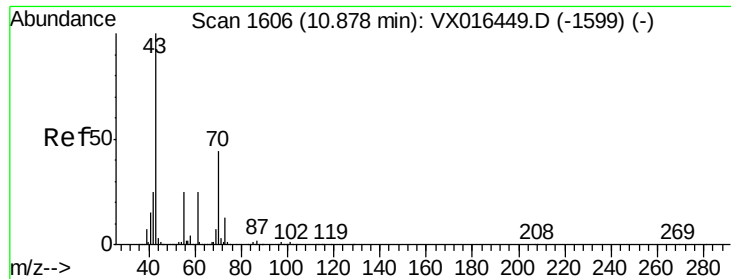
Acq: 03 Jun 2020 17:28

Tgt Ion:	105	Resp:	637172
Ion Ratio	Lower	Upper	
105	100		
120	26.1	13.1	39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.067 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	47.4	36.1	54.1	
55	25.8	20.2	30.4	
61	26.8	20.3	30.5	

Instrument :

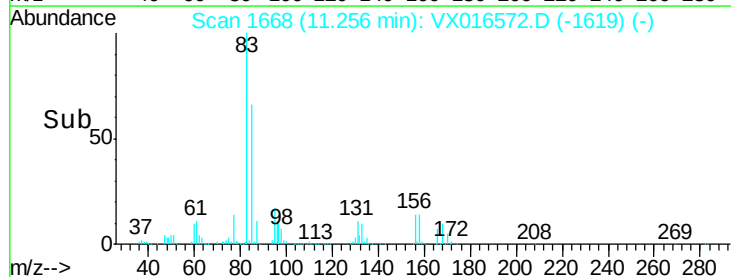
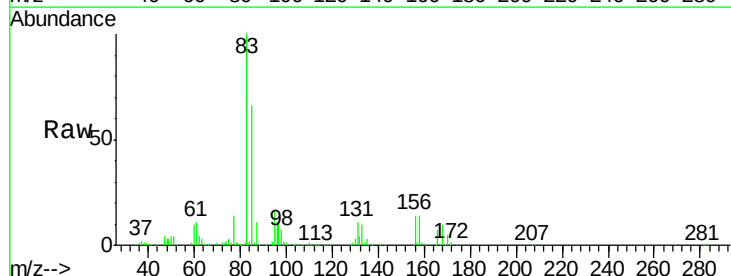
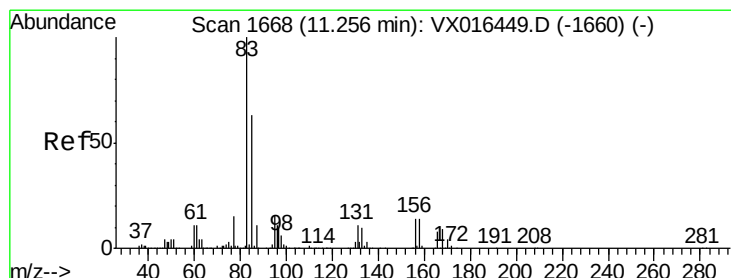
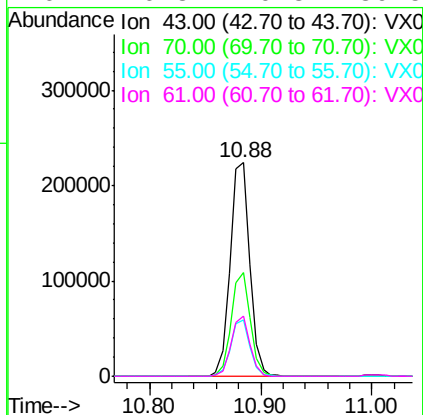
MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.743 ug/l

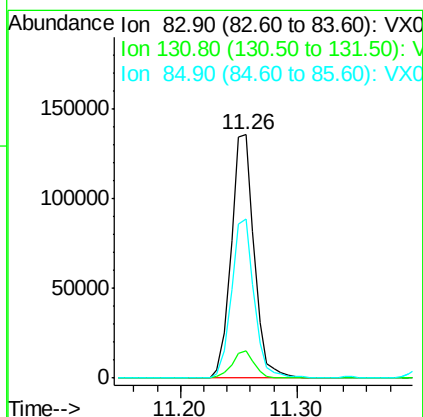
RT: 11.26 min Scan# 1668

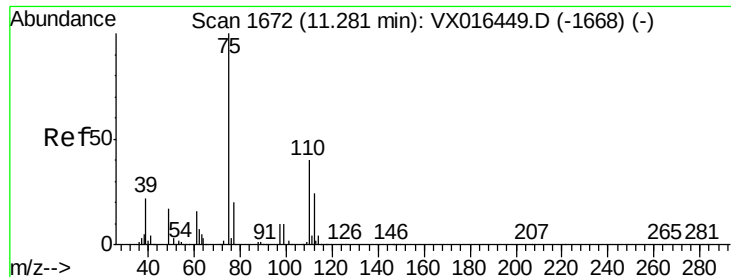
Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.8	5.1	15.3	
85	64.6	32.0	96.2	





#76

1,2,3-Trichloropropane

Concen: 47.931 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 75 Resp: 198820

Ion Ratio Lower Upper

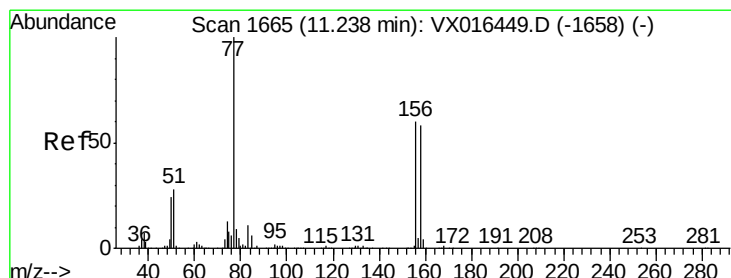
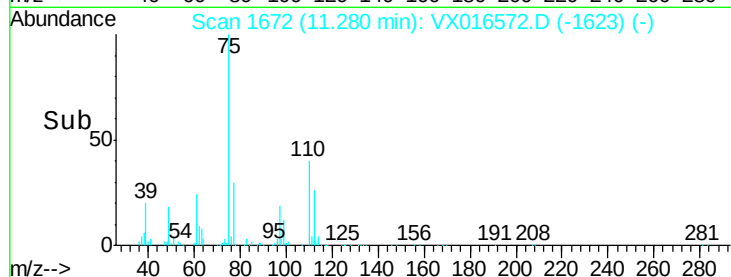
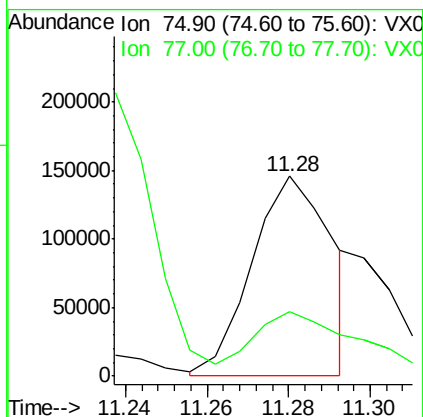
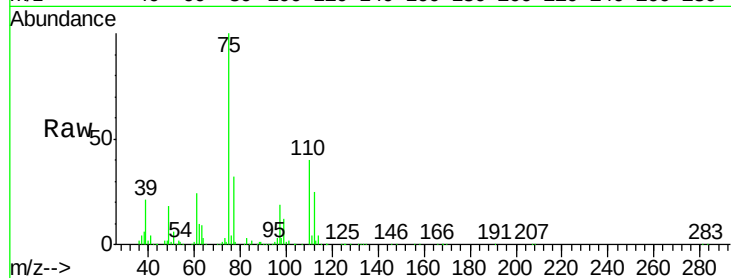
75 100

77 42.4 21.3 63.7

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6/4/2020 3:07:37 PM



#77

Bromobenzene

Concen: 49.221 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

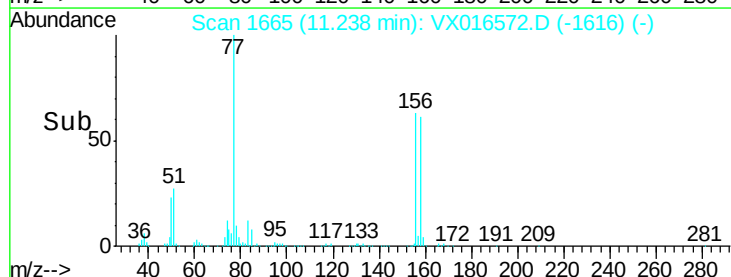
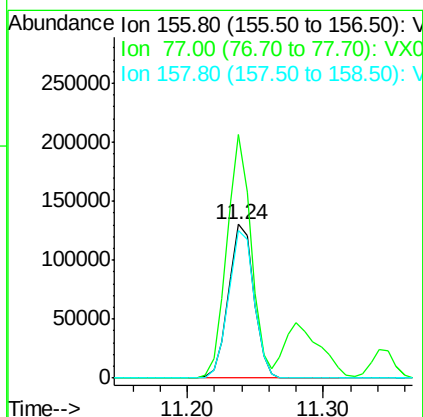
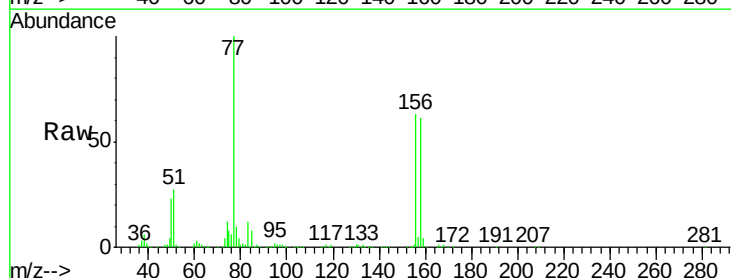
Tgt Ion: 156 Resp: 168806

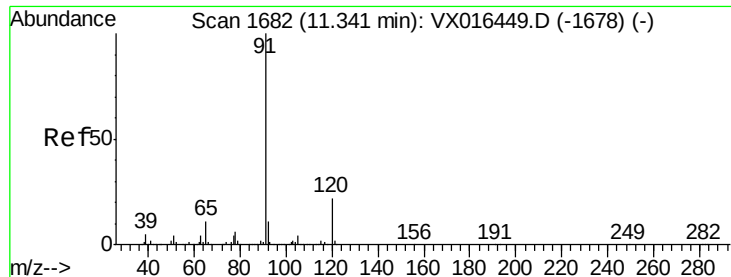
Ion Ratio Lower Upper

156 100

77 152.0 79.6 238.8

158 97.0 48.1 144.4





#78

n-propylbenzene

Concen: 48.888 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 91 Resp: 714181

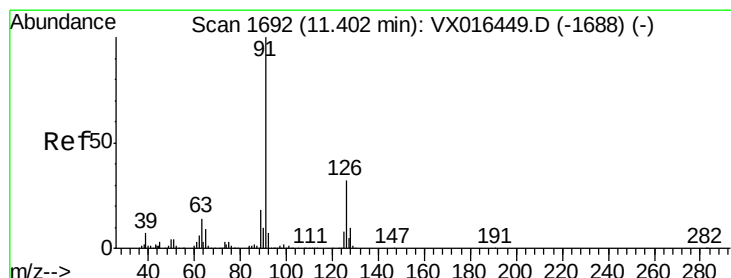
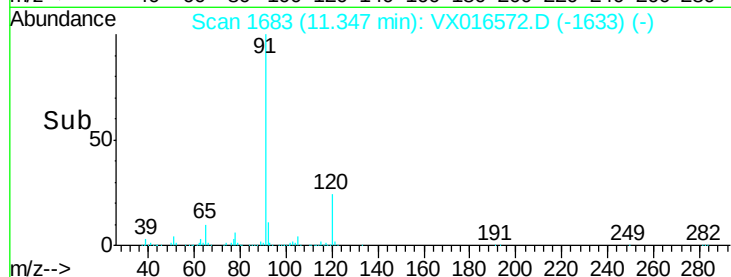
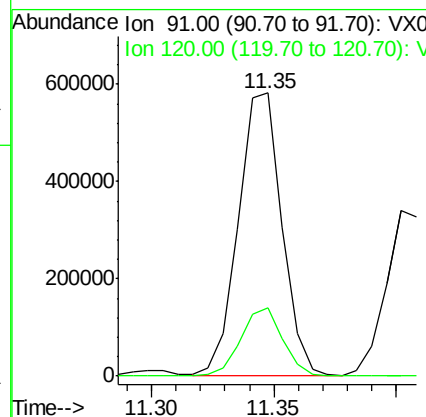
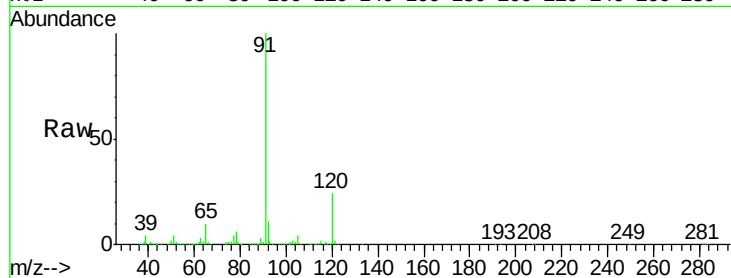
Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.7

Manual Integrations
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#79

2-Chlorotoluene

Concen: 48.673 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016572.D

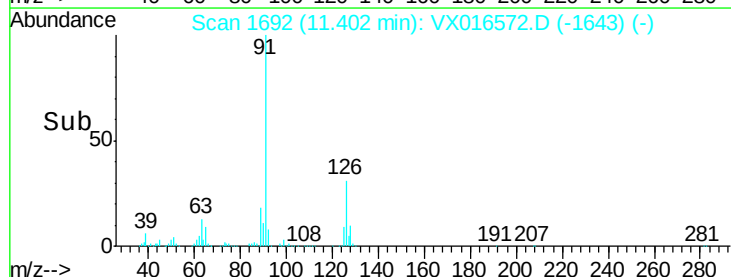
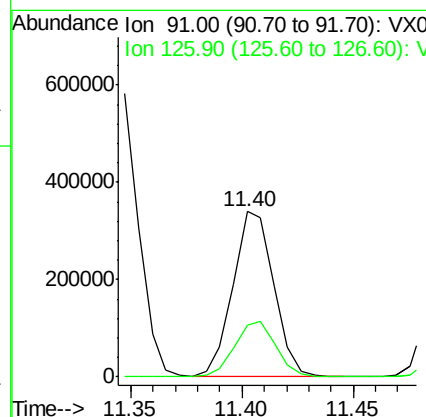
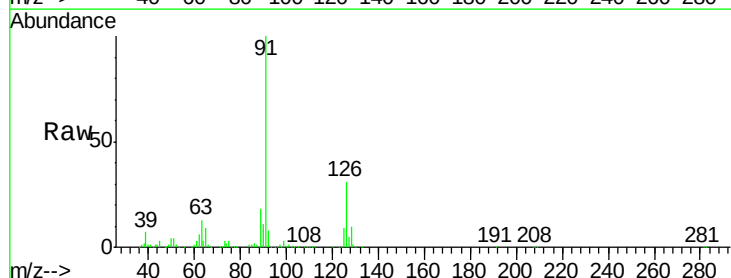
Acq: 03 Jun 2020 17:28

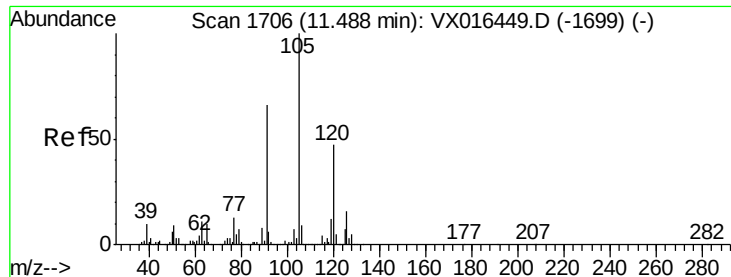
Tgt Ion: 91 Resp: 434015

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.3





#80

1,3,5-Trimethylbenzene

Concen: 49.604 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion:105 Resp: 541577

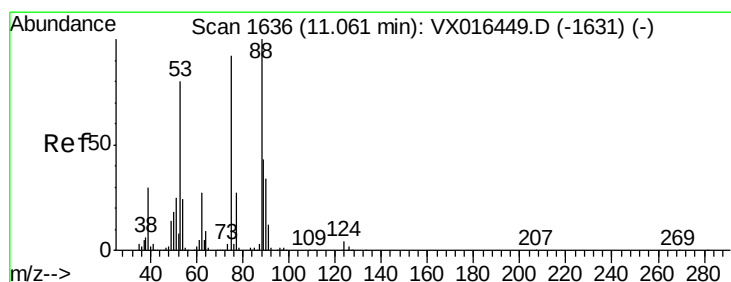
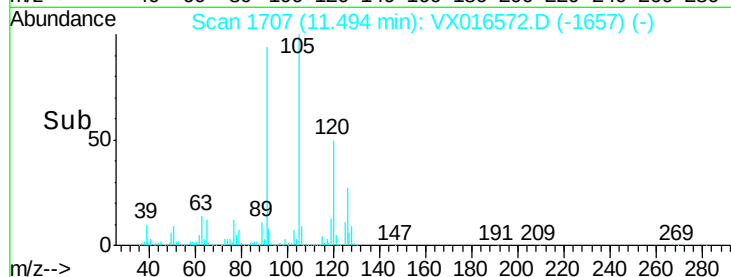
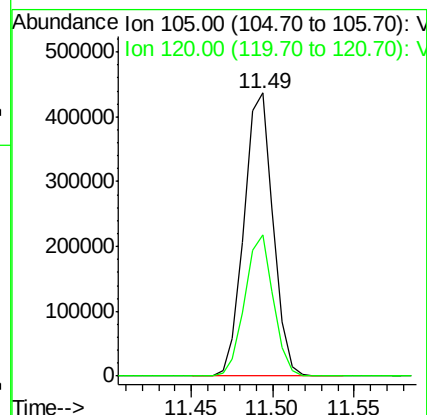
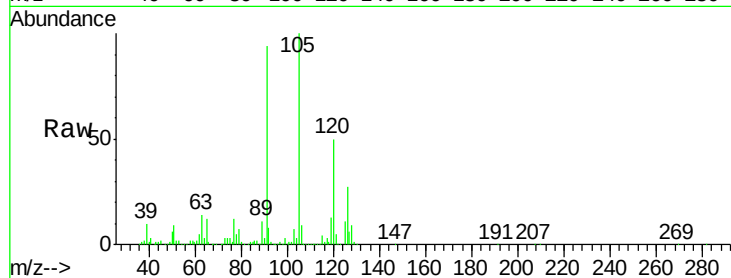
Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

Manual Integrations
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6/4/2020 3:07:37 PM



#81

trans-1,4-Dichloro-2-butene

Concen: 46.656 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

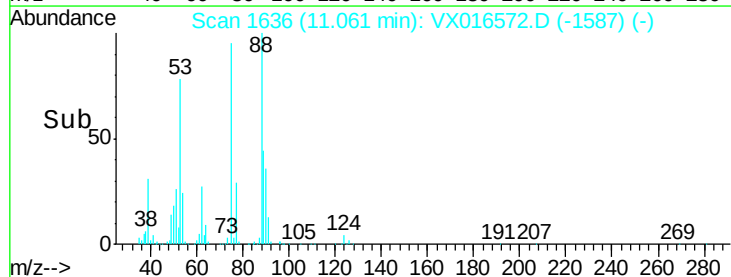
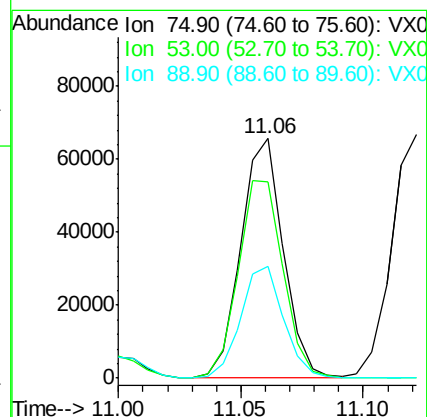
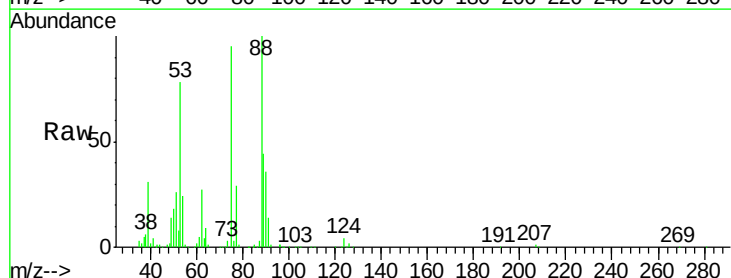
Tgt Ion: 75 Resp: 78676

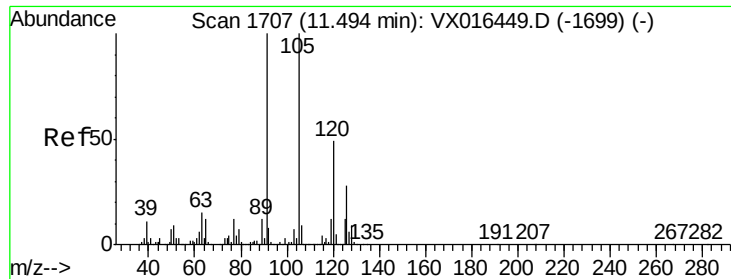
Ion Ratio Lower Upper

75 100

53 87.6 71.3 106.9

89 47.4 36.6 55.0





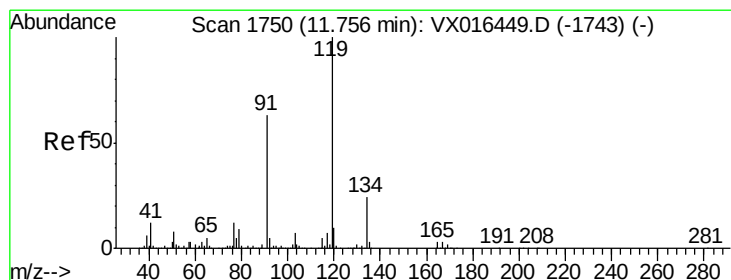
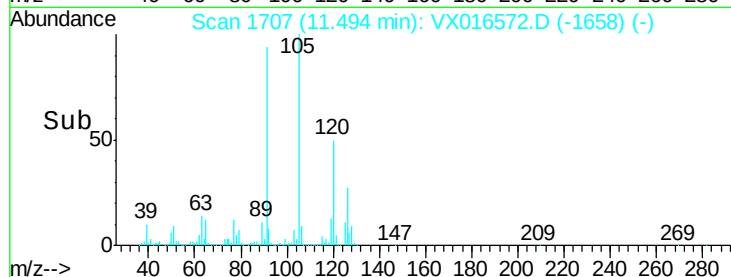
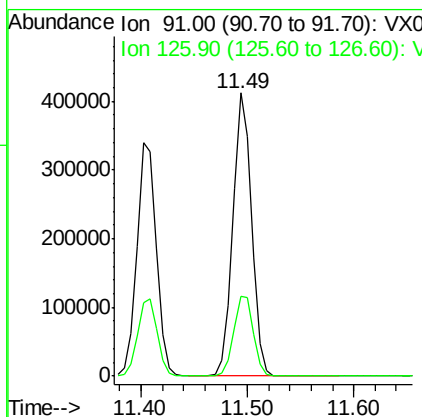
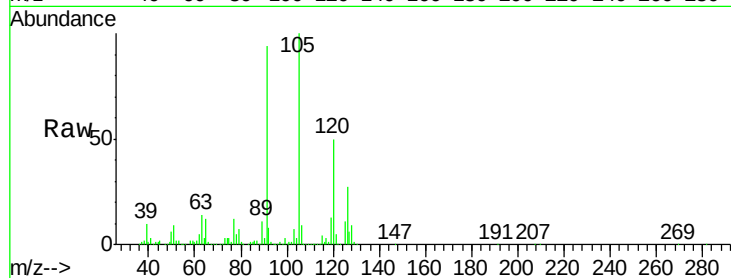
#82
4-Chlorotoluene
Concen: 48.441 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.7	44.1

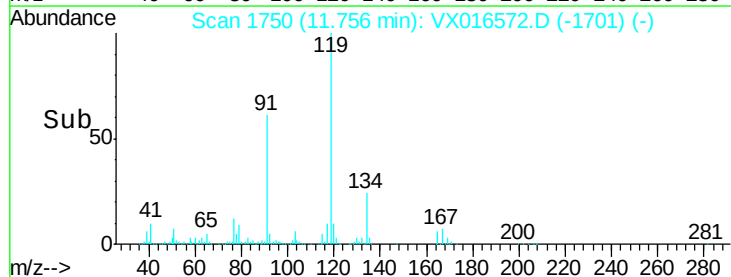
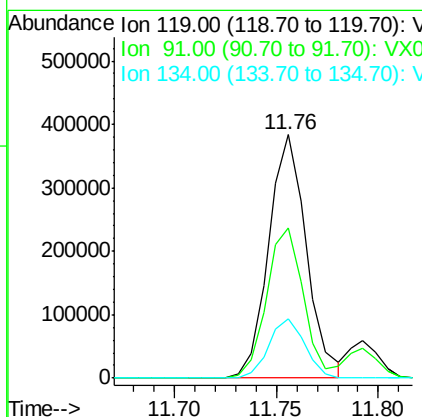
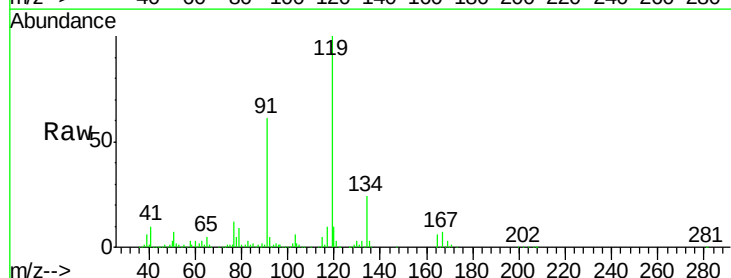
Manual Integrations
APPROVED

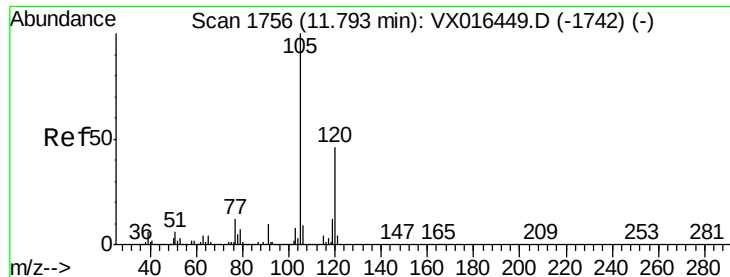
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6/4/2020 3:07:37 PM



#83
tert-Butylbenzene
Concen: 52.950 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.7	31.3	93.8
134	23.3	12.0	36.0





#84

1,2,4-Trimethylbenzene

Concen: 50.059 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion:105 Resp: 552728

Ion Ratio Lower Upper

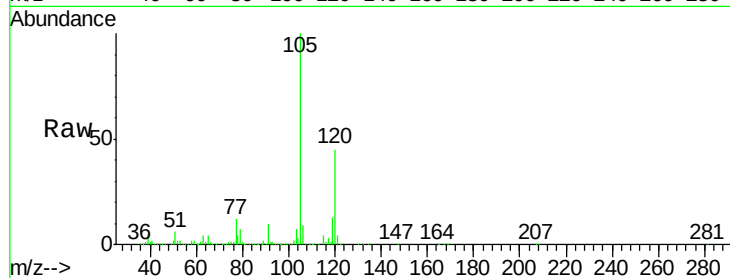
105 100

120 44.9 22.6 67.7

Manual Integrations
APPROVED

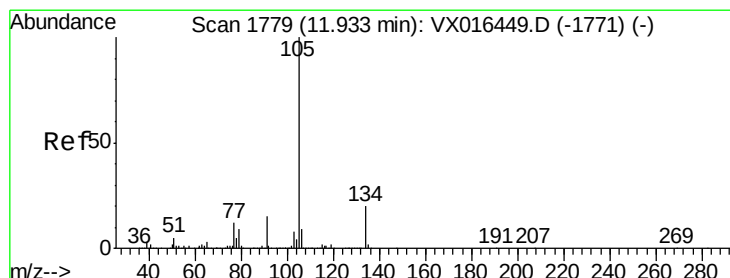
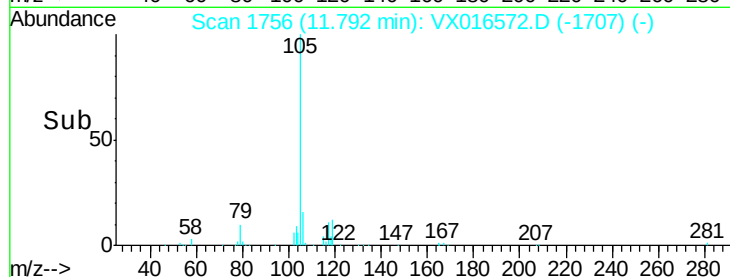
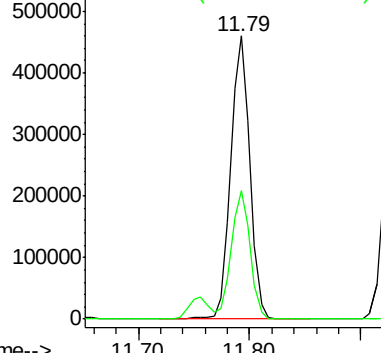
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 50.538 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016572.D

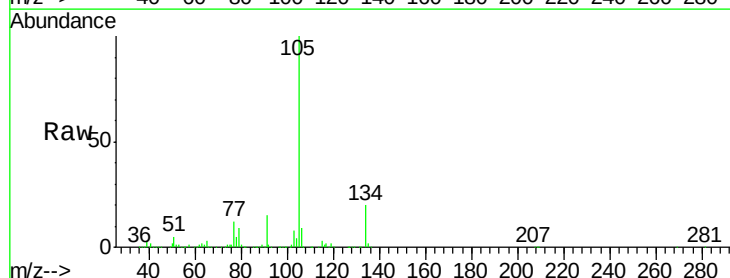
Acq: 03 Jun 2020 17:28

Tgt Ion:105 Resp: 591443

Ion Ratio Lower Upper

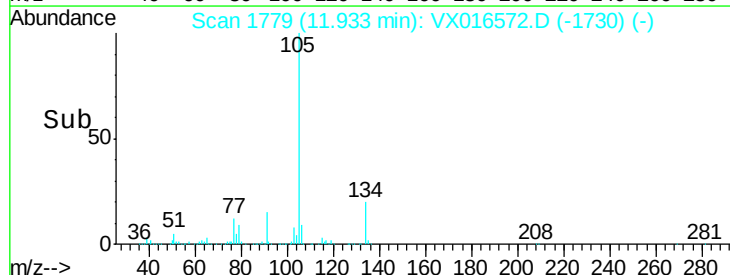
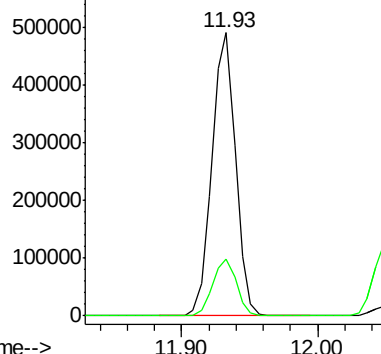
105 100

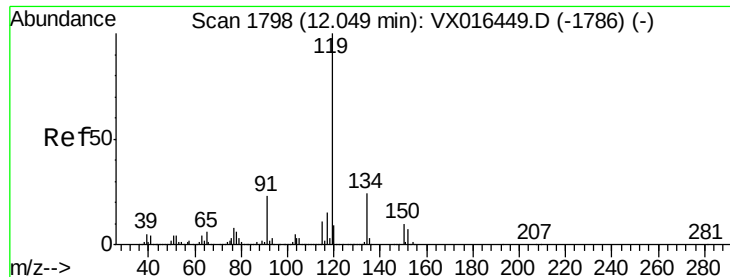
134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





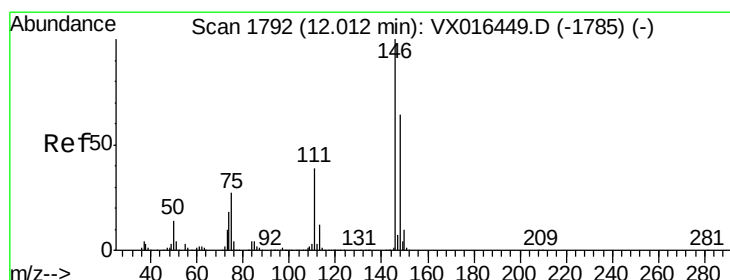
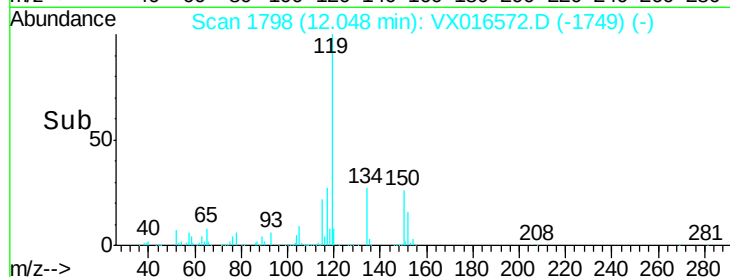
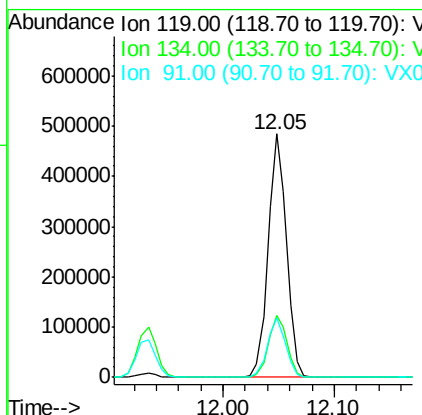
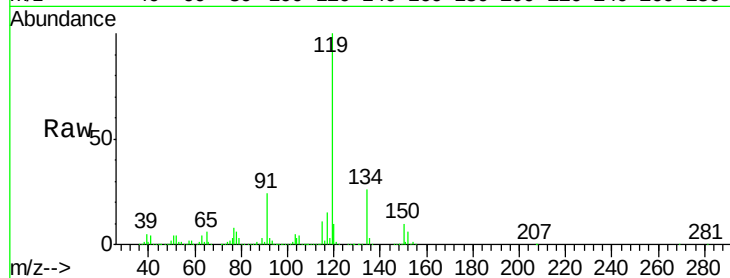
#86
 p-Isopropyltoluene
 Concen: 50.988 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	558959		
134	25.9		12.7	38.0
91	24.1		11.7	35.0

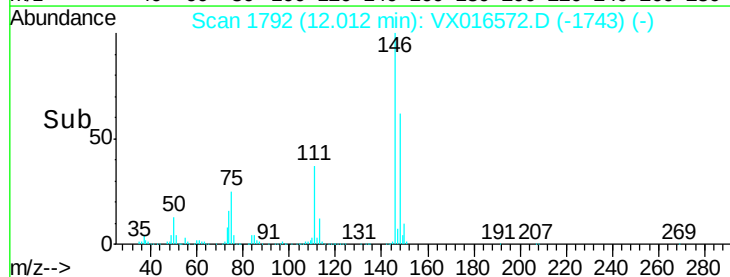
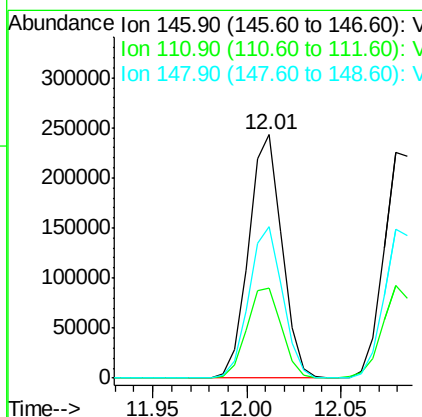
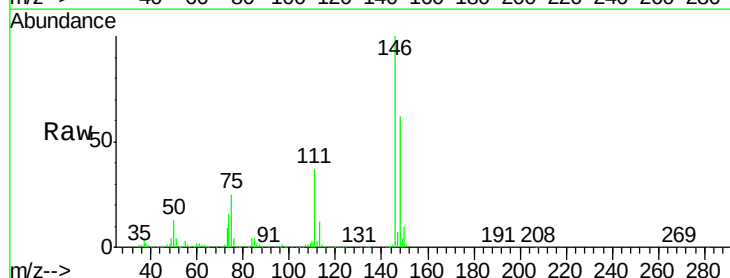
Manual Integrations
 APPROVED

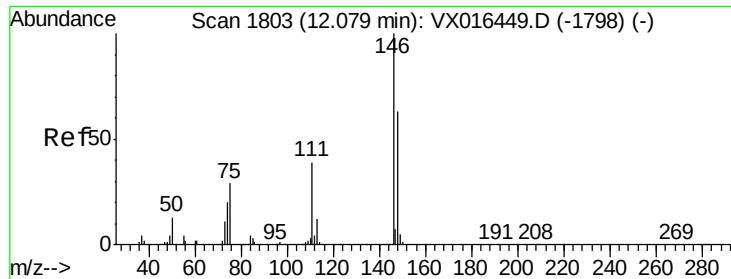
MMDadoda
 6/4/2020 3:07:37 PM



#87
 1,3-Dichlorobenzene
 Concen: 49.967 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296886		
111	39.1		20.0	60.0
148	63.1		31.9	95.5





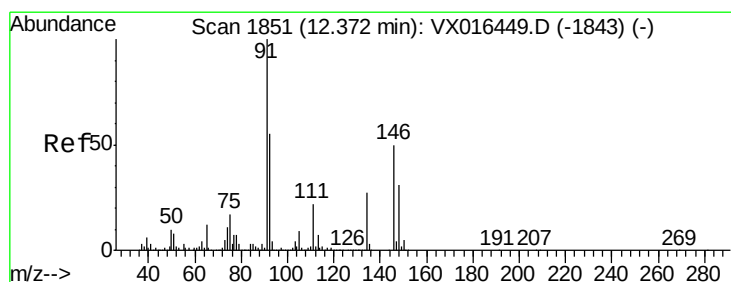
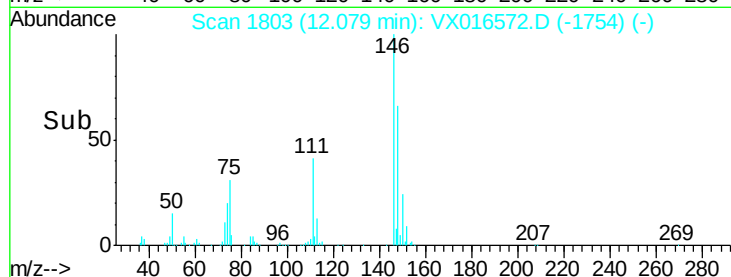
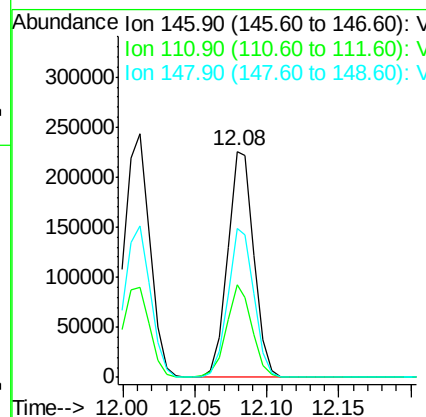
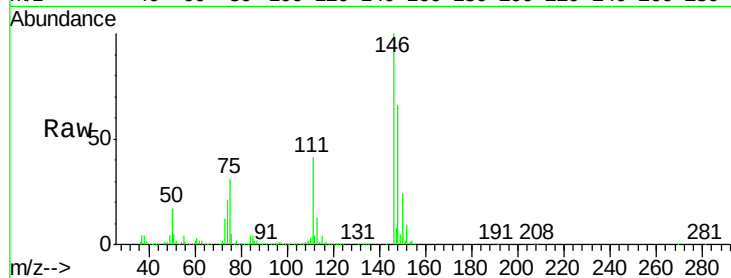
#88
 1,4-Dichlorobenzene
 Concen: 47.674 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	65.3	31.4	94.3

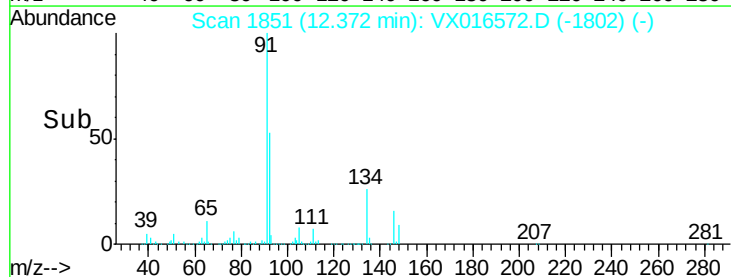
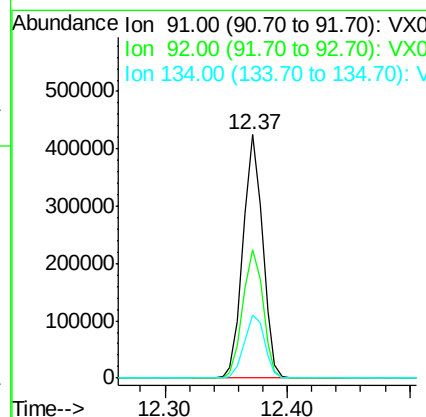
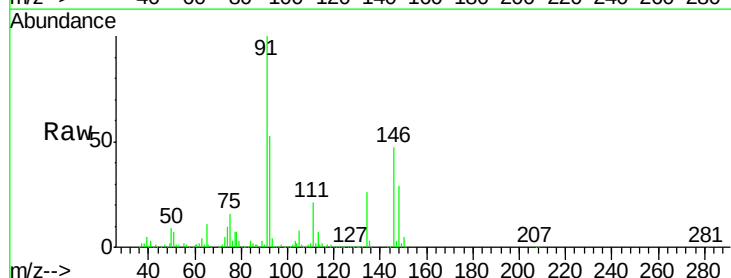
Manual Integrations
 APPROVED

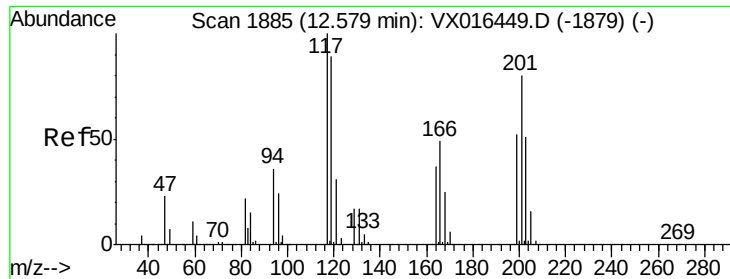
MMDadoda
 6/4/2020 3:07:37 PM



#89
 n-Butylbenzene
 Concen: 51.318 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.5
134	27.2	13.1	39.3





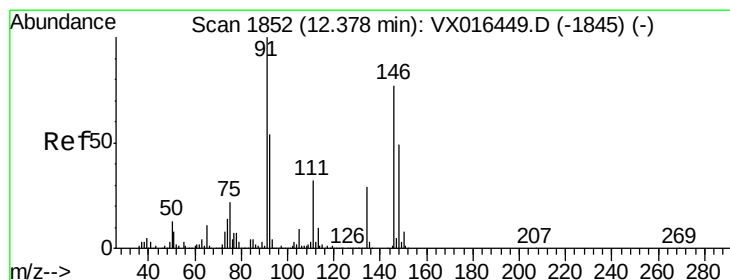
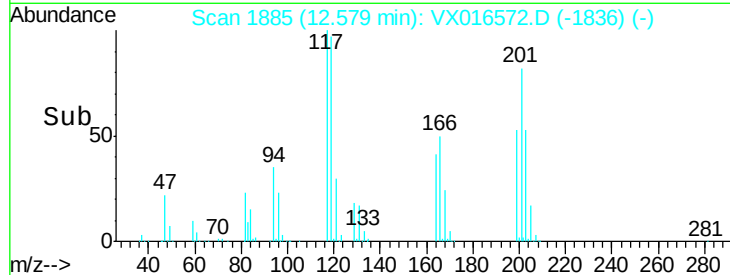
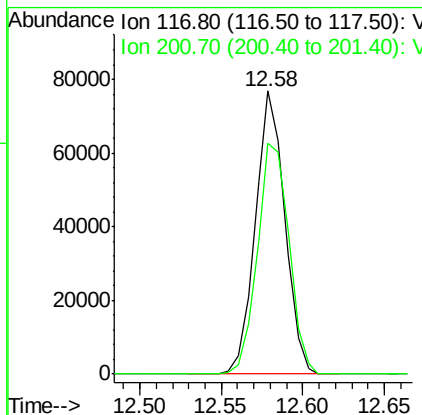
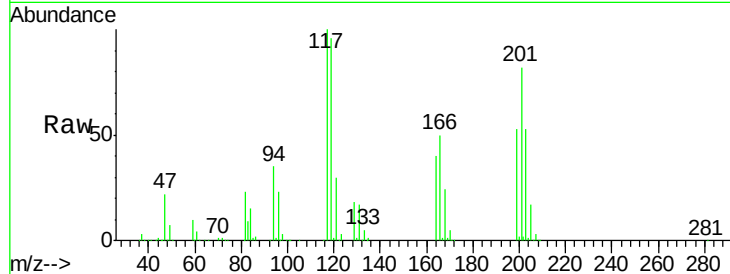
#90
Hexachloroethane
Concen: 50.882 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion:117 Resp: 96348
Ion Ratio Lower Upper
117 100
201 87.2 43.1 129.3

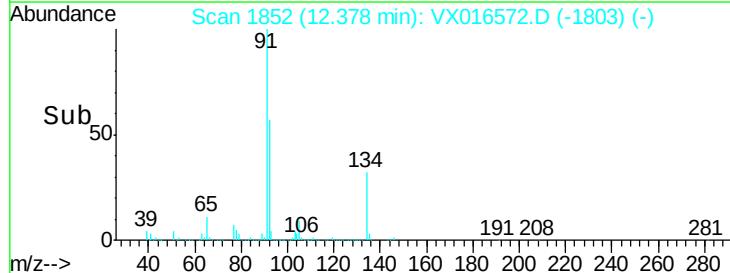
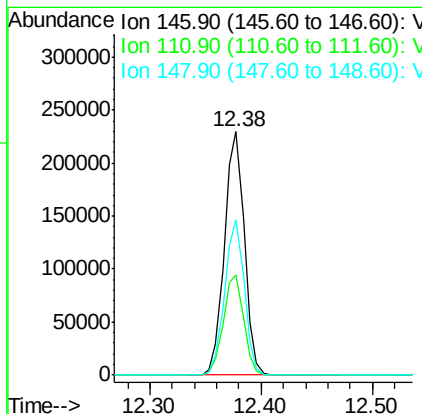
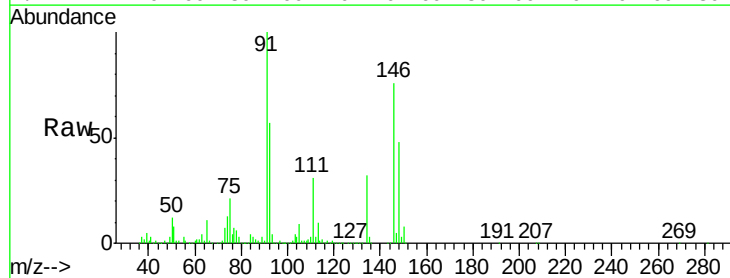
Manual Integrations
APPROVED

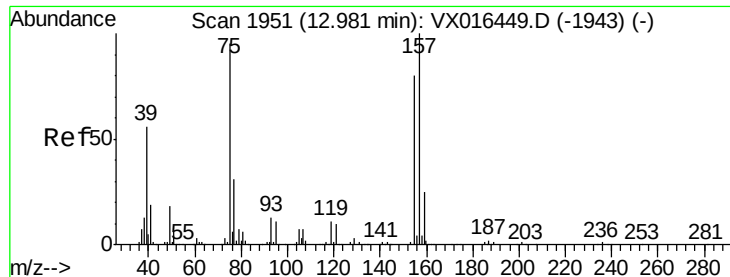
MMDadoda
6/4/2020 3:07:37 PM



#91
1,2-Dichlorobenzene
Concen: 49.173 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:146 Resp: 283062
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.3
148 63.1 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.810 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion: 75 Resp: 51810

Ion Ratio Lower Upper

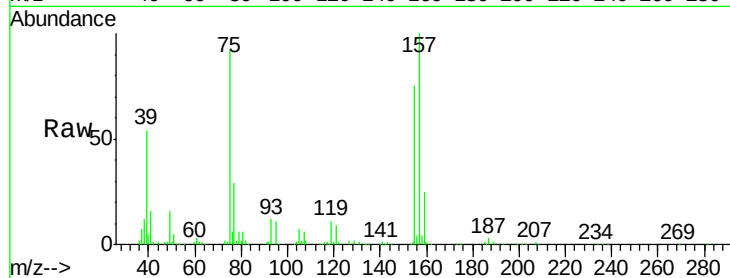
75 100

155 91.9 44.1 132.4

157 118.7 57.8 173.3

Manual Integrations
APPROVED

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6/4/2020 3:07:37 PM



Abundance Ion 74.90 (74.60 to 75.60): VX016572.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016572.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016572.D (-1902) (-)

Time-->

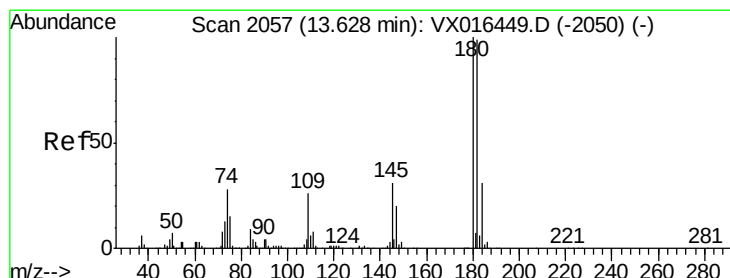
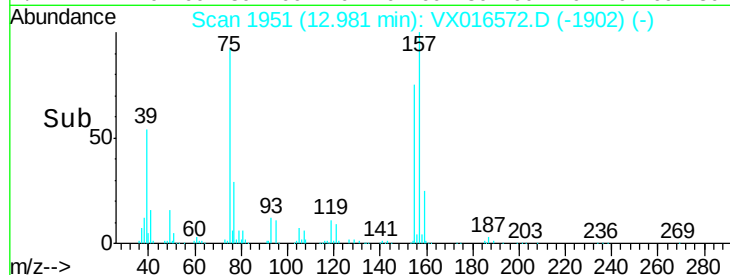
12.98

40000

20000

0

12.90 12.95 13.00 13.05



#93

1,2,4-Trichlorobenzene

Concen: 52.968 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

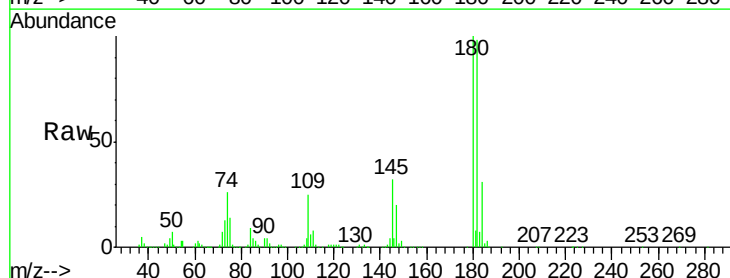
Tgt Ion: 180 Resp: 202501

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 30.8 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): VX016572.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016572.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016572.D (-2008) (-)

Time-->

13.63

200000

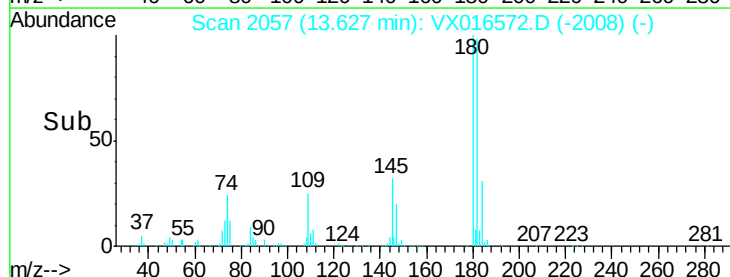
150000

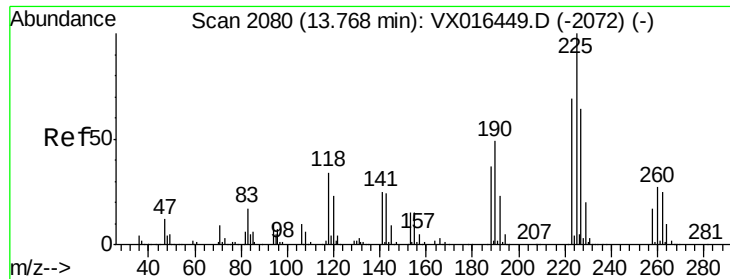
100000

50000

0

13.55 13.60 13.65 13.70





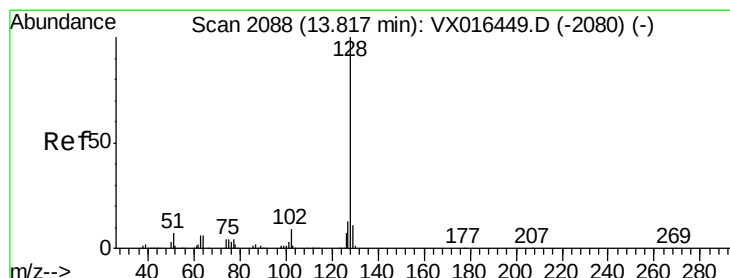
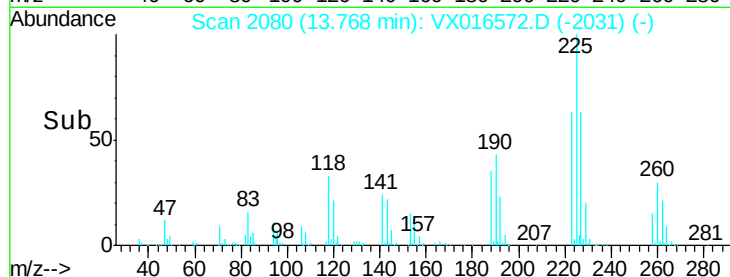
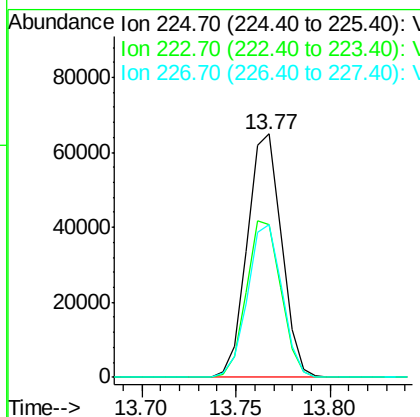
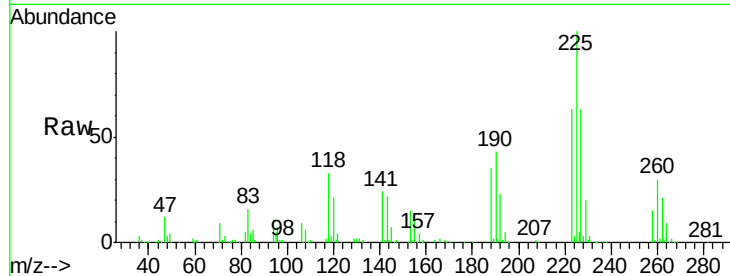
#94
Hexachlorobutadiene
Concen: 54.690 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion:	225	Resp:	82091
Ion Ratio	Lower	Upper	
225	100		
223	64.6	32.3	96.8
227	62.9	31.6	94.7

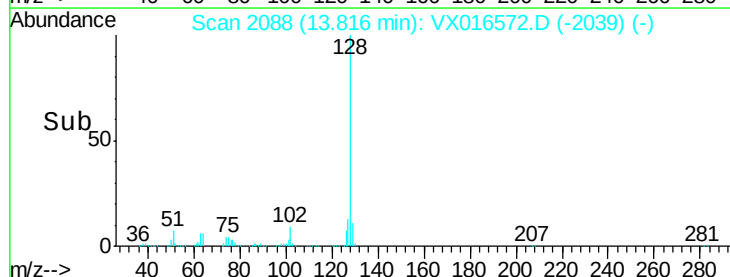
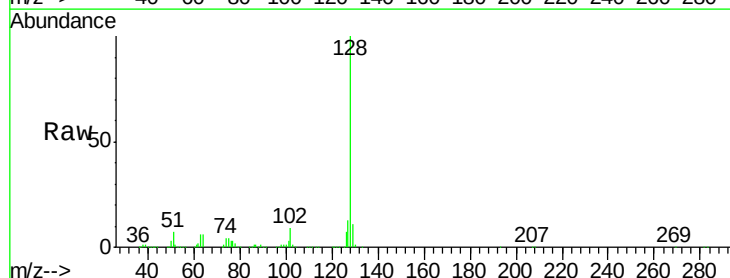
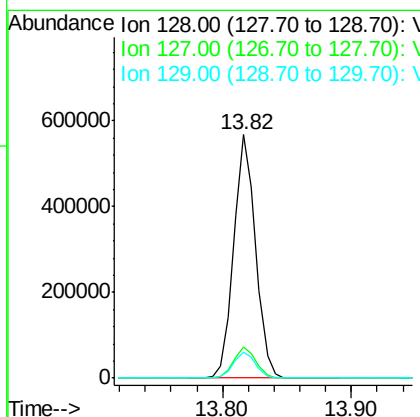
Manual Integrations
APPROVED

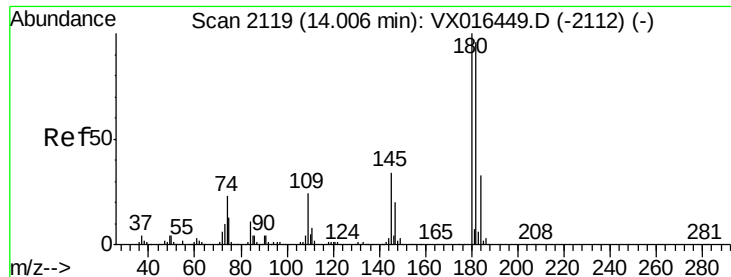
MMDadoda
6/4/2020 3:07:37 PM



#95
Naphthalene
Concen: 51.312 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:	128	Resp:	672494
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	15.8
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 53.369 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199892		
182	95.5	48.6	145.8	
145	32.9	16.6	49.8	

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:07:37 PM

