

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016600.D
 Acq On : 05 Jun 2020 10:49
 Operator : JC/SP
 Sample : VX0605WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 4:55:39 PM

Quant Time: Jun 06 06:11:34 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	241540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	361389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	338182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	142466	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	5.46	113	113569	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.70	98	440525	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.12	95	161846	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42589	17.917	ug/l	98
3) Chloromethane	1.31	50	47652	16.589	ug/l	99
4) Vinyl Chloride	1.39	62	51513	16.957	ug/l	100
5) Bromomethane	1.62	94	33868	22.930	ug/l	99
6) Chloroethane	1.71	64	31953	18.032	ug/l	99
7) Trichlorofluoromethane	1.92	101	78503	19.677	ug/l	97
8) Diethyl Ether	2.17	74	28880	17.361	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43272	19.708	ug/l	99
10) Methyl Iodide	2.49	142	39138	17.063	ug/l	99
11) Tert butyl alcohol	3.01	59	62628	81.420	ug/l	100
12) 1,1-Dichloroethene	2.36	96	42798	18.415	ug/l	93
13) Acrolein	2.27	56	33047	100.998	ug/l	95
14) Allyl chloride	2.70	41	69816	16.334	ug/l	95
15) Acrylonitrile	3.11	53	133696	84.852	ug/l	98
16) Acetone	2.42	43	112823	85.849	ug/l	99
17) Carbon Disulfide	2.55	76	114288	16.559	ug/l	99
18) Methyl Acetate	2.75	43	59135	17.544	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	152443	18.266	ug/l	97
20) Methylene Chloride	2.83	84	48977	18.013	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	46380	18.041	ug/l	93
22) Diisopropyl ether	3.82	45	138371	16.852	ug/l	92
23) Vinyl Acetate	3.78	43	602726	83.863	ug/l	98
24) 1,1-Dichloroethane	3.67	63	82355	17.770	ug/l	99
25) 2-Butanone	4.63	43	180402	81.012	ug/l	96
26) 2,2-Dichloropropane	4.55	77	78149	20.608	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	54095	18.189	ug/l	98
28) Bromochloromethane	4.98	49	36378	16.892	ug/l	88
29) Tetrahydrofuran	5.09	42	115031	79.957	ug/l	93
30) Chloroform	5.17	83	88835	19.024	ug/l	96
31) Cyclohexane	5.54	56	69267	16.614	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	81158	19.197	ug/l	99
36) 1,1-Dichloropropene	5.77	75	62326	18.215	ug/l	97
37) Ethyl Acetate	4.79	43	68575	16.693	ug/l	97
38) Carbon Tetrachloride	5.75	117	72255	20.094	ug/l	99

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Instrument :
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Manual Integrations
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 6/8/2020 4:55:39 PM

Quant Time: Jun 06 06:11:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	70674	19.016	ug/l	98
40) Benzene	6.11	78	190946	18.739	ug/l	99
41) Methacrylonitrile	5.00	41	37882	16.788	ug/l	97
42) 1,2-Dichloroethane	6.16	62	69041	19.053	ug/l	98
43) Isopropyl Acetate	6.41	43	108911	16.997	ug/l	98
44) Trichloroethene	7.19	130	62212	19.243	ug/l	99
45) 1,2-Dichloropropane	7.49	63	48585	18.729	ug/l	98
46) Dibromomethane	7.63	93	32845	18.851	ug/l	95
47) Bromodichloromethane	7.87	83	69488	19.261	ug/l	100
48) Methyl methacrylate	7.74	41	51904	16.918	ug/l	96
49) 1,4-Dioxane	7.71	88	25315	352.578	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	348984	87.468	ug/l	98
52) Toluene	8.76	92	124182	19.327	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	78836	19.218	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	82028	18.891	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50444	19.745	ug/l	95
56) Ethyl methacrylate	9.16	69	75252	18.086	ug/l	97
57) 1,3-Dichloropropane	9.35	76	83996	19.155	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	185003	85.186	ug/l	96
59) 2-Hexanone	9.47	43	267409	86.185	ug/l	98
60) Dibromochloromethane	9.56	129	57803	20.105	ug/l	100
61) 1,2-Dibromoethane	9.65	107	52813	19.304	ug/l	99
64) Tetrachloroethene	9.32	164	73419	19.405	ug/l	97
65) Chlorobenzene	10.12	112	132514	19.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	52704	20.025	ug/l	97
67) Ethyl Benzene	10.24	91	230457	18.774	ug/l	99
68) m/p-Xylenes	10.34	106	174763	38.398	ug/l	100
69) o-Xylene	10.68	106	83411	18.924	ug/l	98
70) Styrene	10.70	104	143595	18.953	ug/l	100
71) Bromoform	10.84	173	43589	19.597	ug/l #	99
73) Isopropylbenzene	11.00	105	225227	19.464	ug/l	100
74) N-amyl acetate	10.88	43	90903	17.079	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	54804	18.897	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	58499m	15.936	ug/l	
77) Bromobenzene	11.24	156	58756	19.359	ug/l	96
78) n-propylbenzene	11.34	91	246293	19.051	ug/l	99
79) 2-Chlorotoluene	11.40	91	152121	19.277	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	187399	19.395	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	26628	17.843	ug/l	97
82) 4-Chlorotoluene	11.49	91	178877	19.195	ug/l	99
83) tert-Butylbenzene	11.76	119	160430	19.432	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	183189	18.747	ug/l	97
85) sec-Butylbenzene	11.93	105	200708	19.380	ug/l	99
86) p-Isopropyltoluene	12.05	119	188686	19.449	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	101446	19.293	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	103906	19.322	ug/l	99
89) n-Butylbenzene	12.37	91	159115	19.691	ug/l	98
90) Hexachloroethane	12.58	117	32881	19.622	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	99703	19.571	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16632	17.706	ug/l	96

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0605WBS01

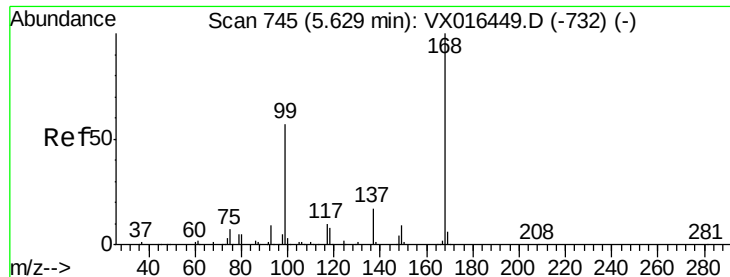
Manual Integrations
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6/8/2020 4:55:39 PM

Quant Time: Jun 06 06:11:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	66722	19.721	ug/l	100
94) Hexachlorobutadiene	13.76	225	30914	23.272	ug/l	98
95) Naphthalene	13.82	128	218605	18.848	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	67141	20.256	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion:168 Resp: 241540

Ion Ratio Lower Upper

168 100

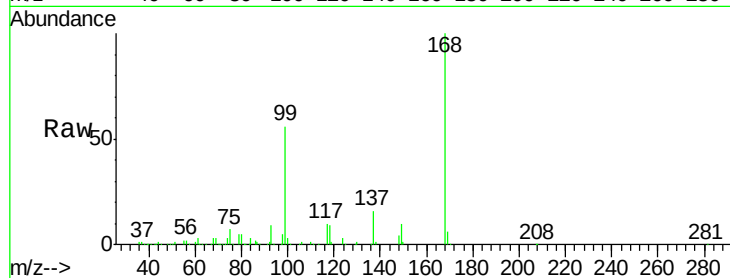
99 55.9 45.2 67.8

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

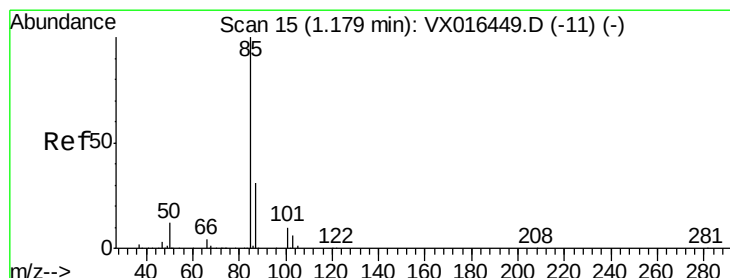
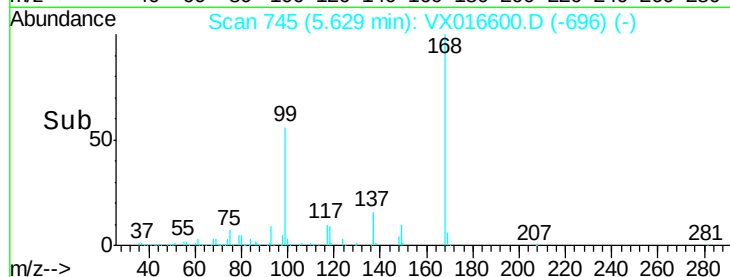
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.917 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016600.D

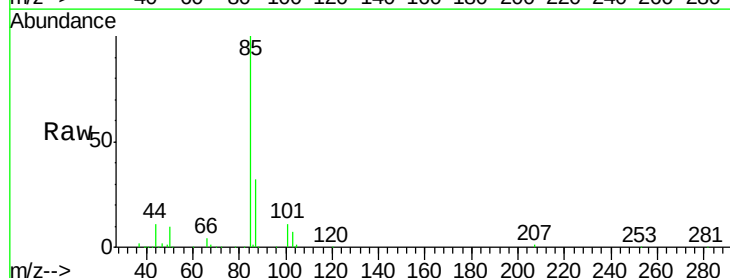
Acq: 05 Jun 2020 10:49

Tgt Ion: 85 Resp: 42589

Ion Ratio Lower Upper

85 100

87 32.1 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

50000

40000

30000

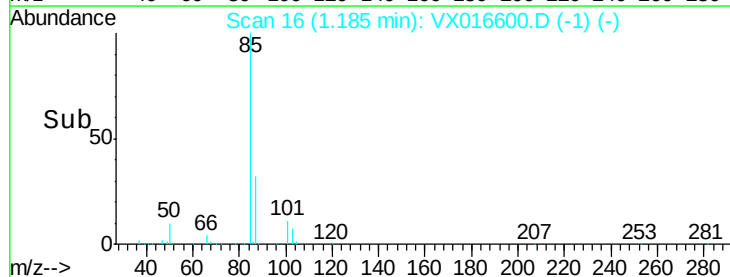
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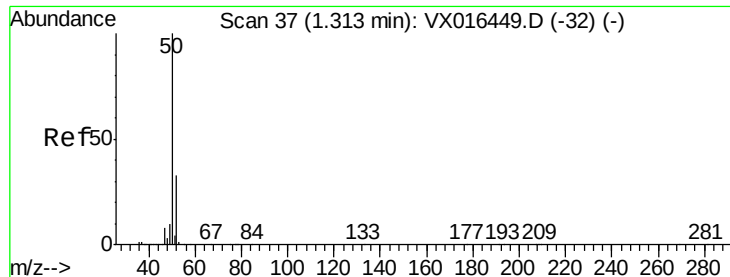
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.589 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 50 Resp: 47652

Ion Ratio Lower Upper

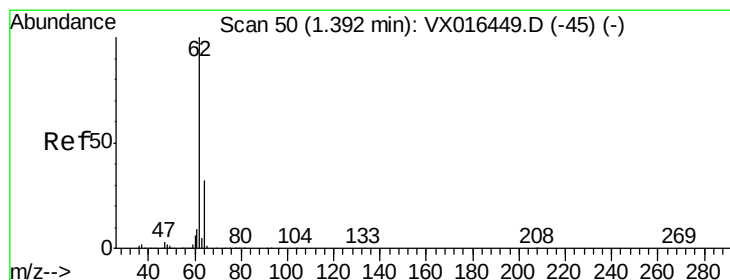
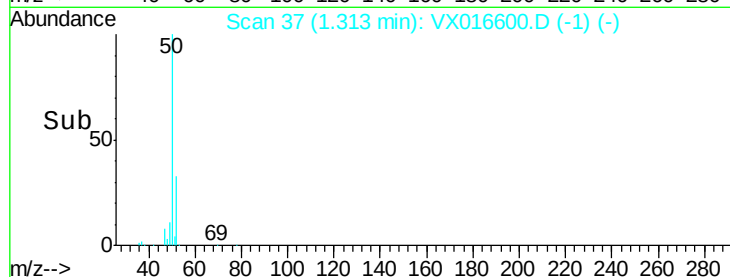
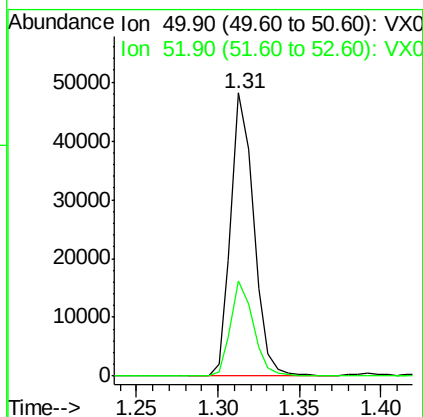
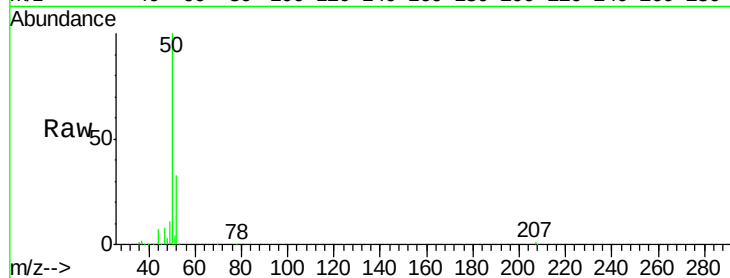
50 100

52 33.5 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.957 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016600.D

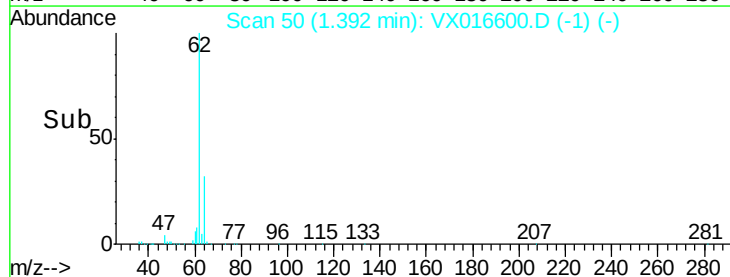
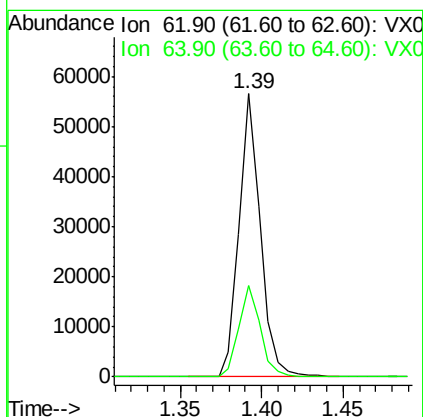
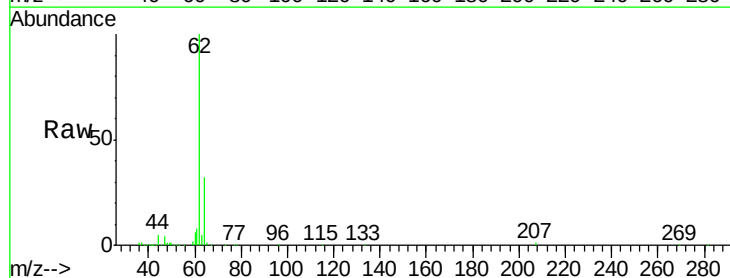
Acq: 05 Jun 2020 10:49

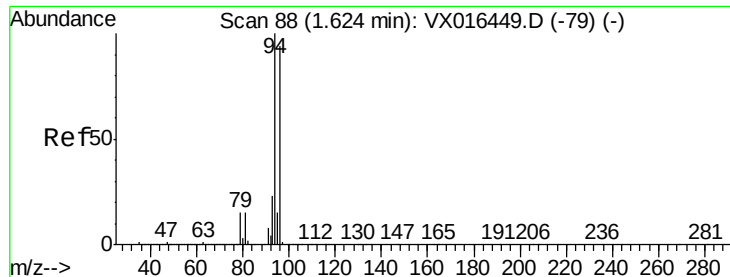
Tgt Ion: 62 Resp: 51513

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 22.930 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 94 Resp: 33868

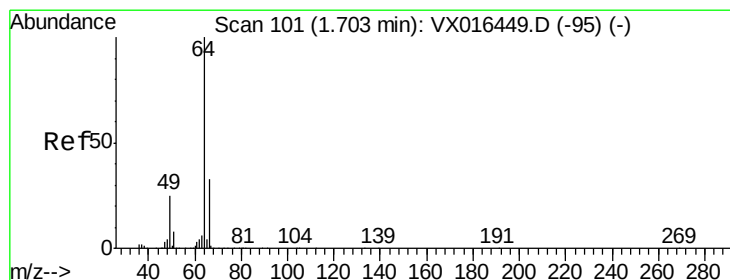
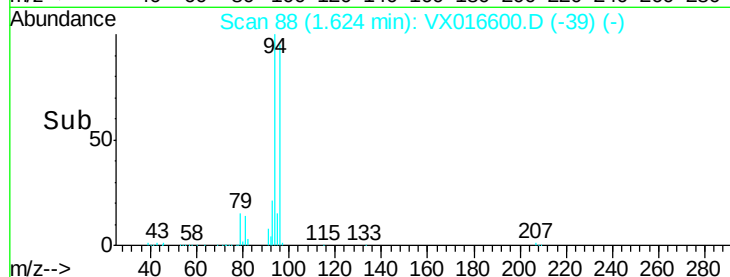
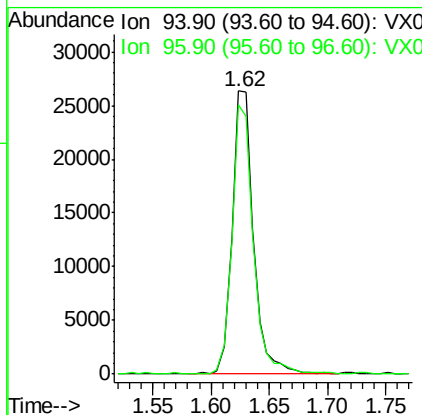
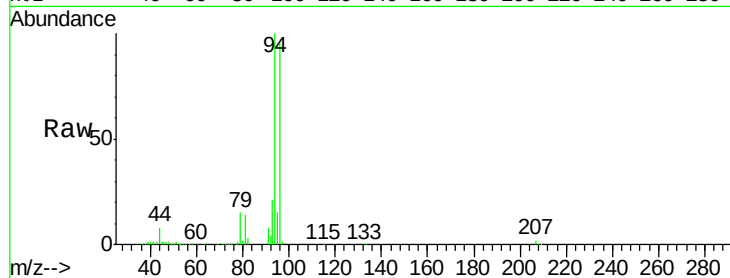
Ion Ratio Lower Upper

94 100

96 94.8 75.1 112.7

Manual Integrations
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#6

Chloroethane

Concen: 18.032 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016600.D

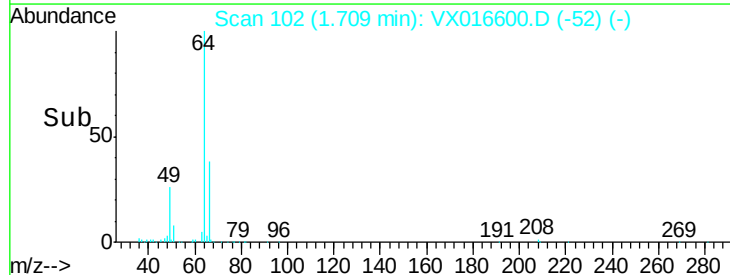
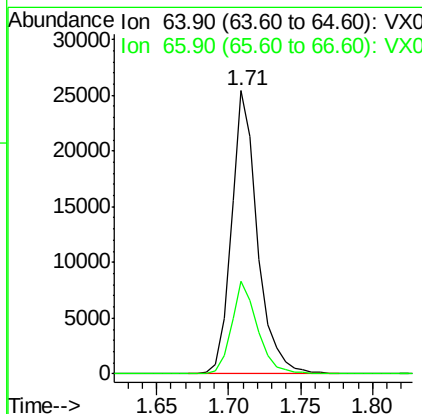
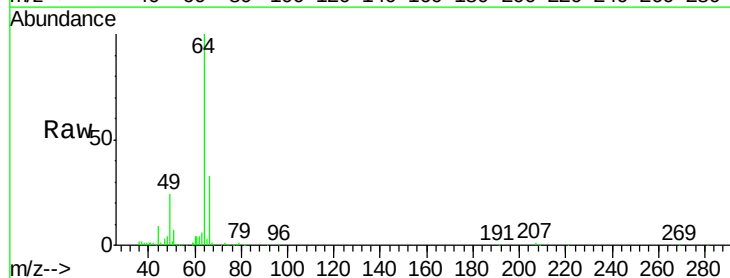
Acq: 05 Jun 2020 10:49

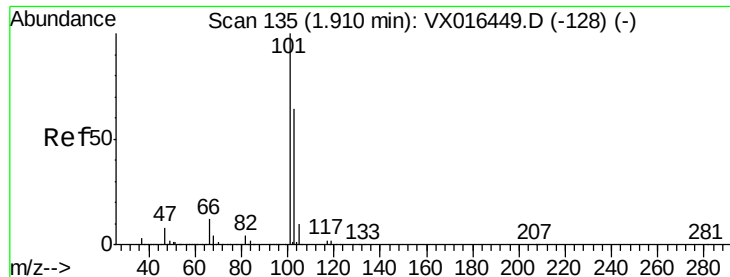
Tgt Ion: 64 Resp: 31953

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1





#7

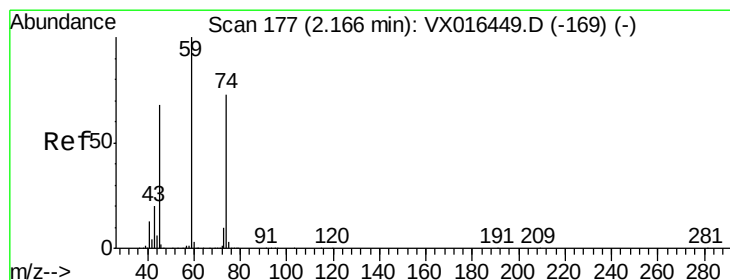
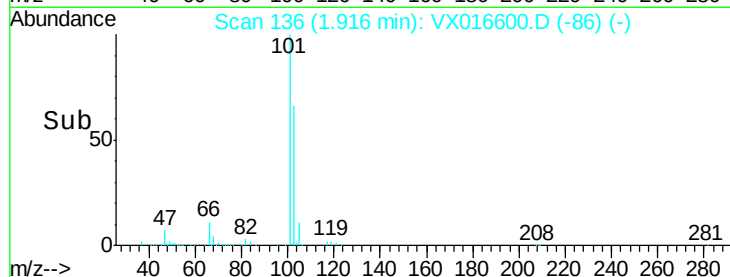
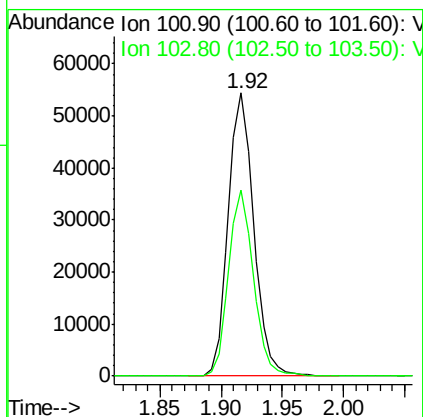
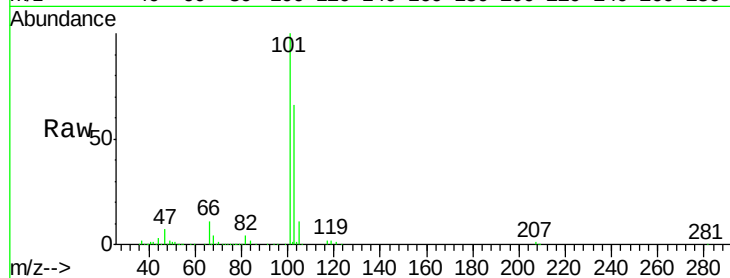
Trichlorofluoromethane
Concen: 19.677 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

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ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.9	76.3

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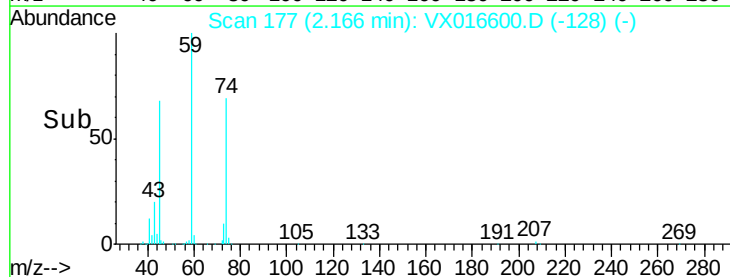
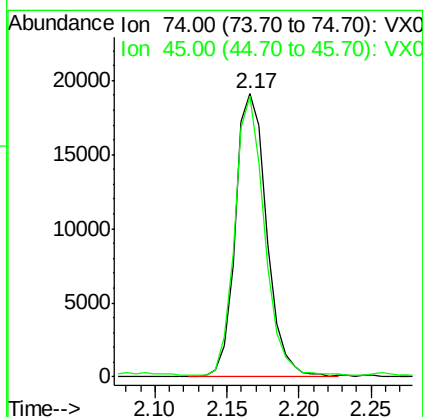
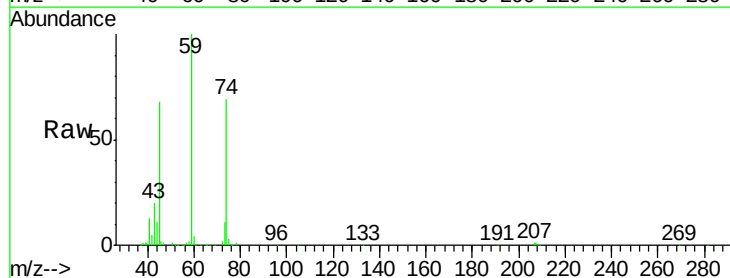
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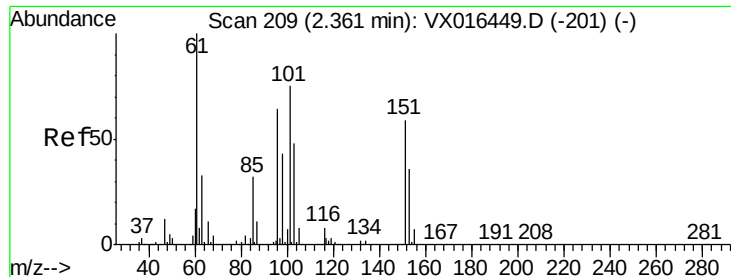


#8

Diethyl Ether
Concen: 17.361 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.708 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

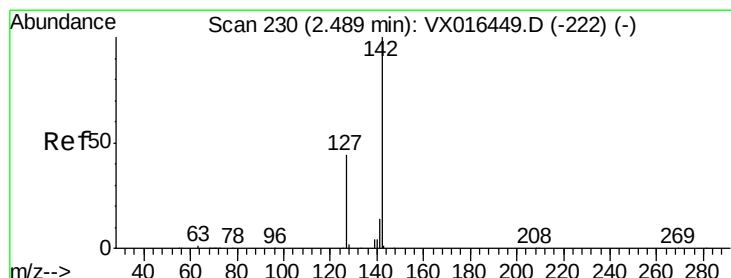
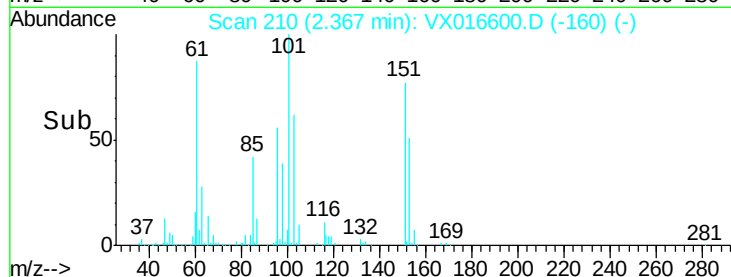
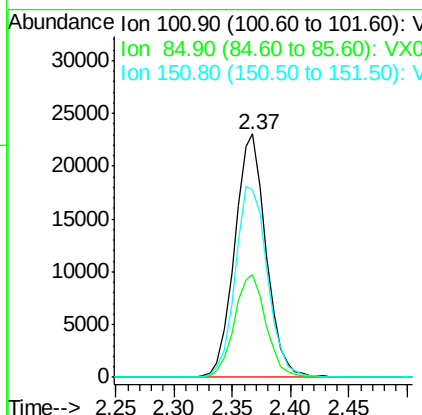
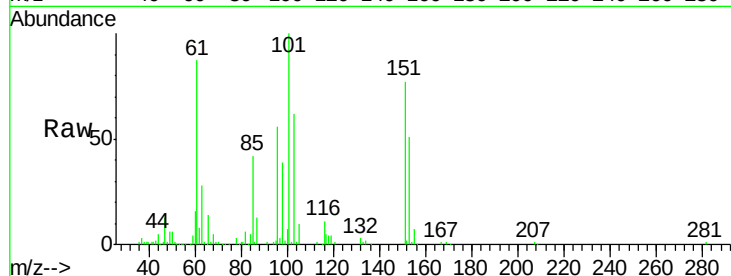
ClientSampleId :

VX0605WBS01

Tot Ion:	101	Resp:	43272
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	80.8	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.063 ug/l

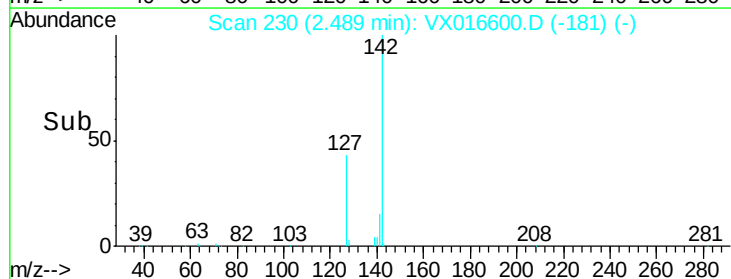
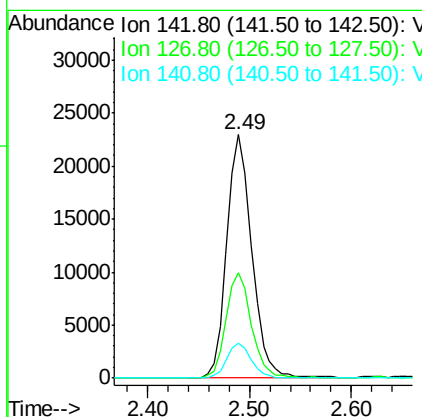
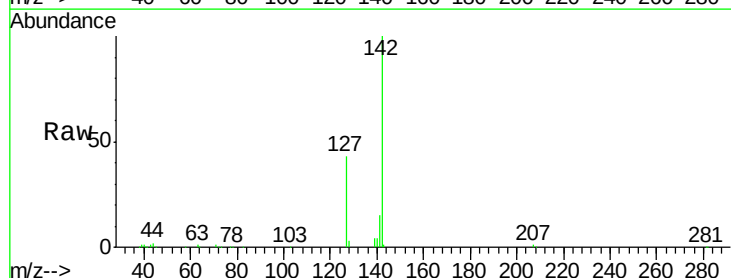
RT: 2.49 min Scan# 230

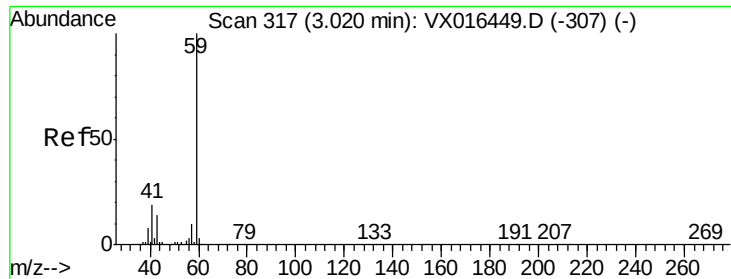
Delta R.T. 0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	142	Resp:	39138
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.3	52.9
141	14.0	11.4	17.2





#11

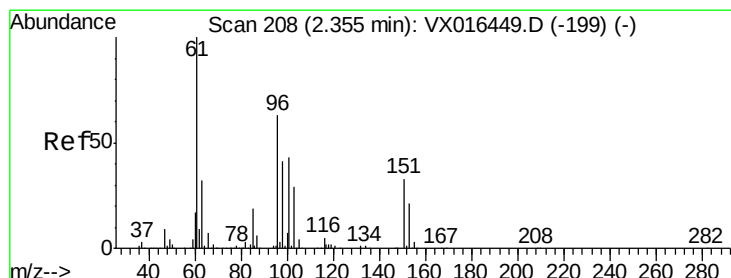
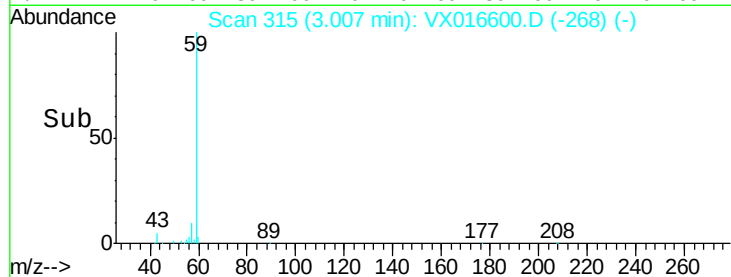
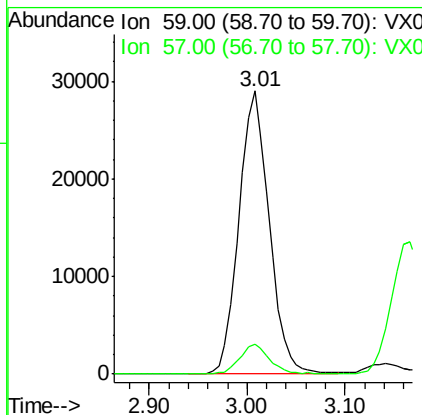
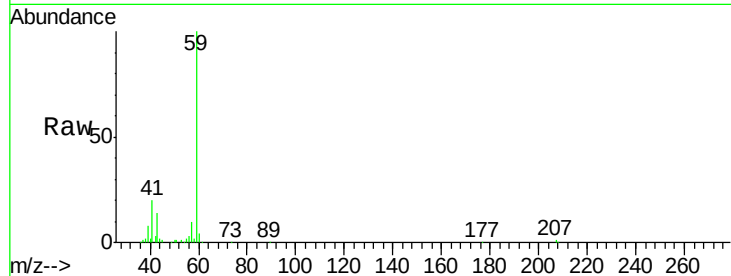
Tert butyl alcohol
Concen: 81.420 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	62628		
57	57	10.3		8.2	12.4

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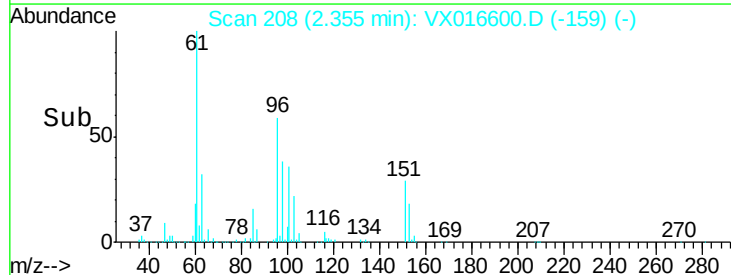
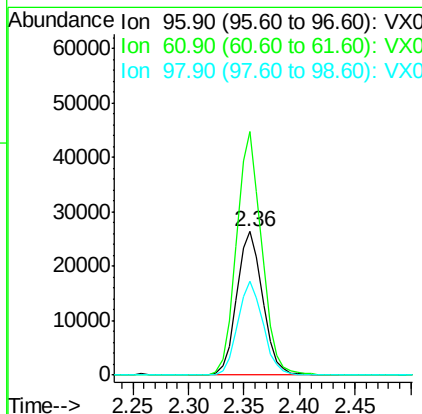
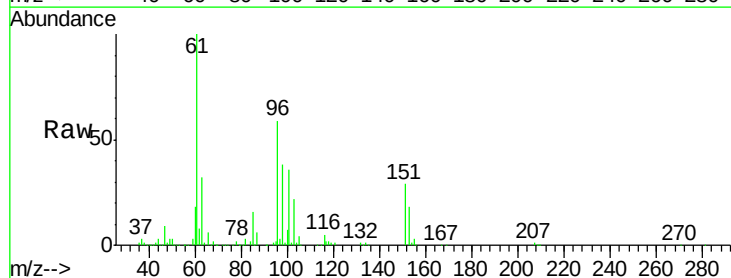
MMDadoda
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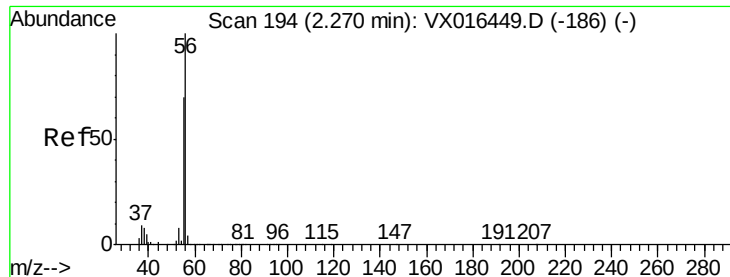


#12

1,1-Dichloroethene
Concen: 18.415 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	42798		
61	61	169.6		126.6	189.8
98	98	65.1		51.3	76.9





#13

Acrolein

Concen: 100.998 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 56 Resp: 33047

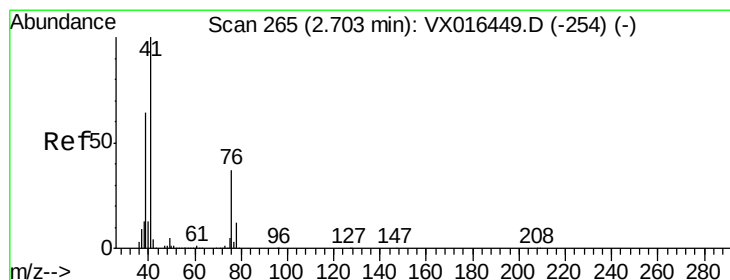
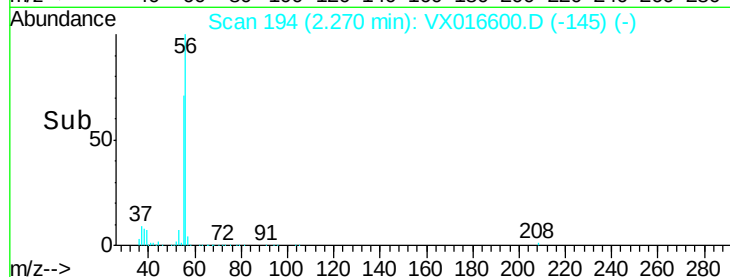
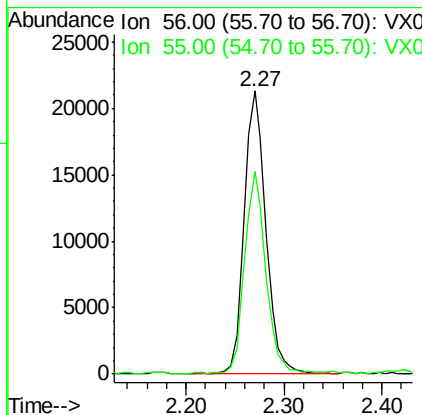
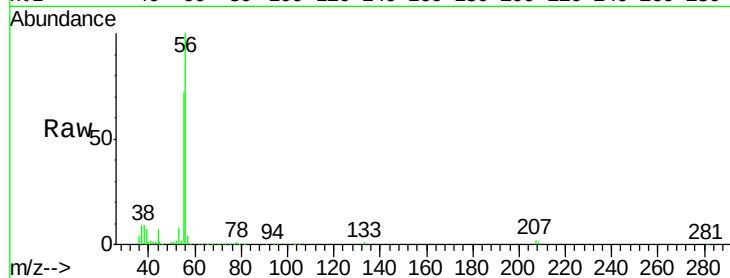
Ion Ratio Lower Upper

56 100

55 69.0 58.3 87.5

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 16.334 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

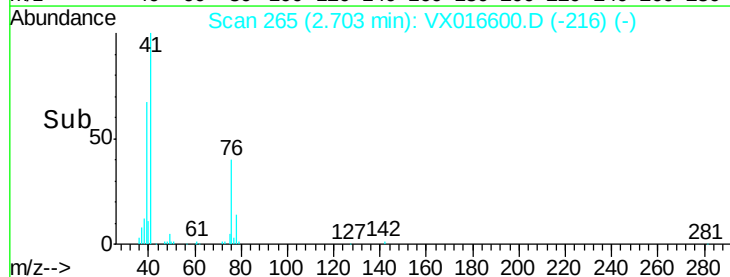
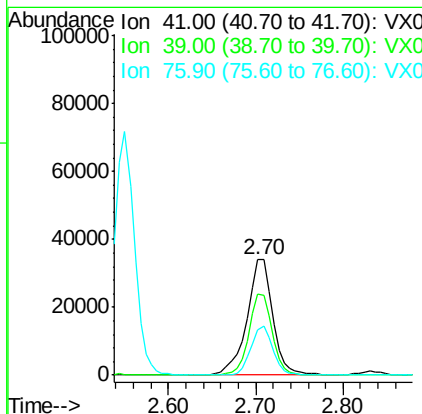
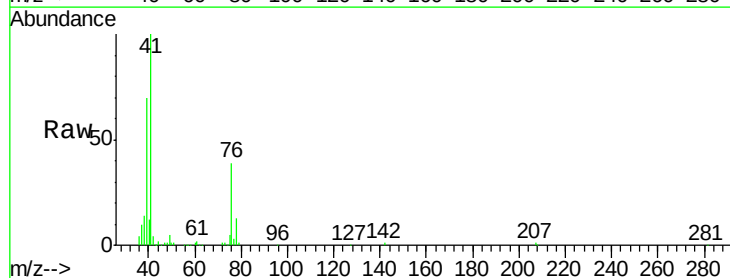
Tgt Ion: 41 Resp: 69816

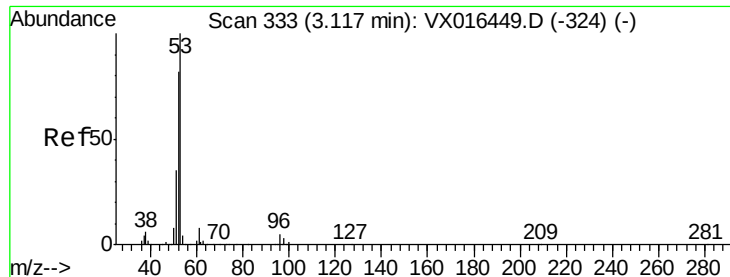
Ion Ratio Lower Upper

41 100

39 63.6 47.7 71.5

76 36.2 26.6 40.0





#15

Acrylonitrile

Concen: 84.852 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

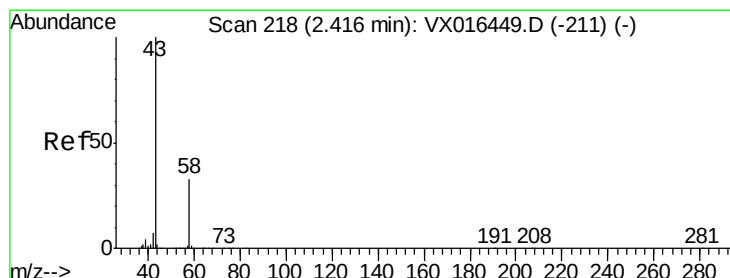
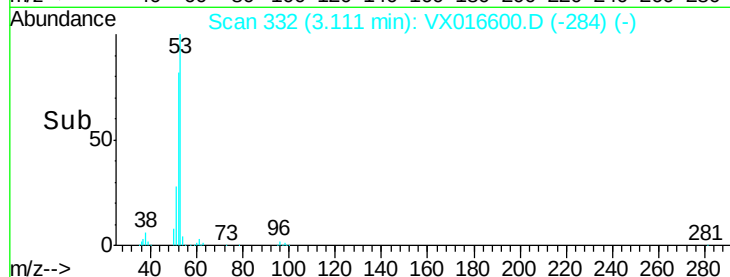
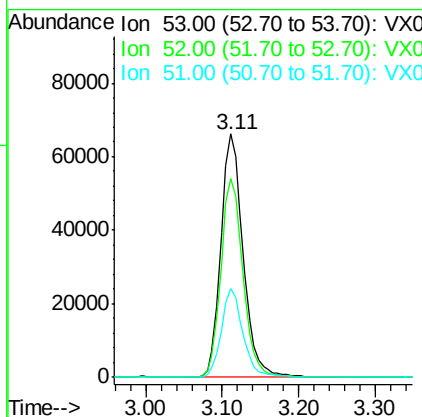
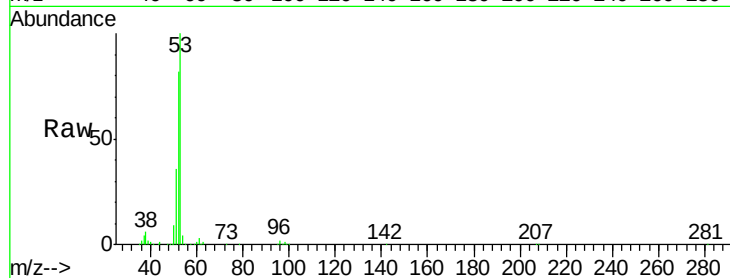
ClientSampleId :

VX0605WBS01

Tot Ion:	53	Resp:	133696
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.7	100.1
51	35.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 85.849 ug/l

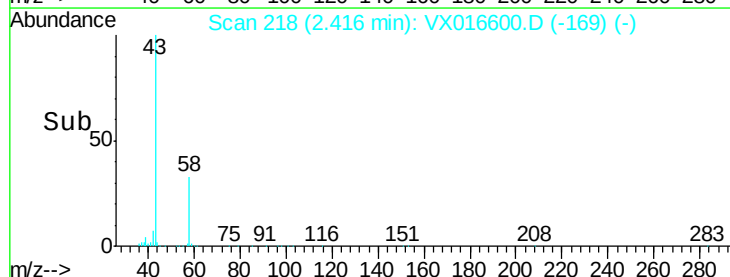
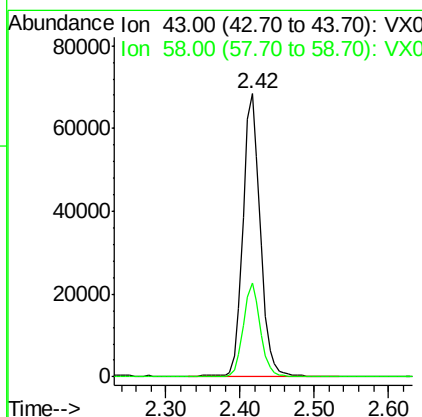
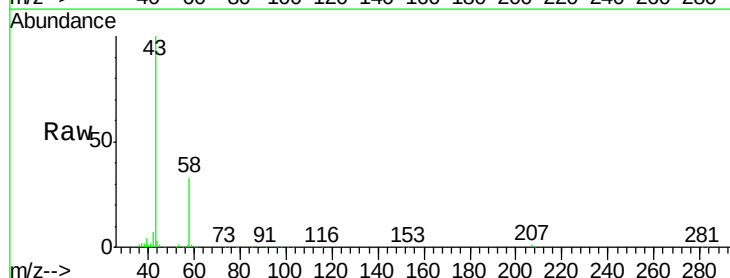
RT: 2.42 min Scan# 218

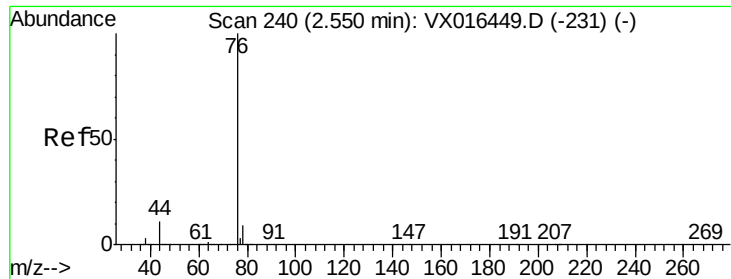
Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	43	Resp:	112823
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.1	39.1





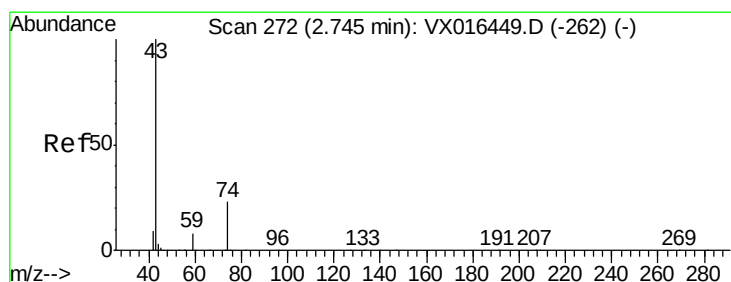
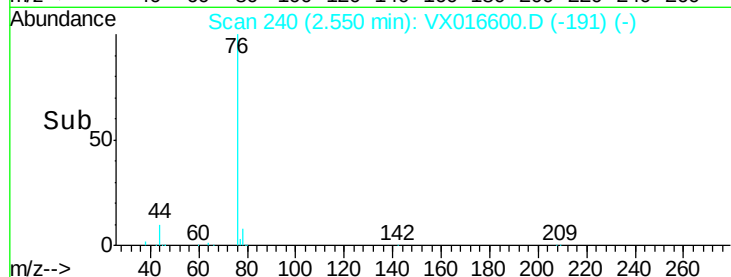
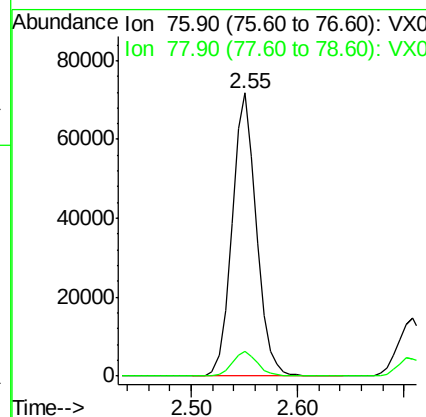
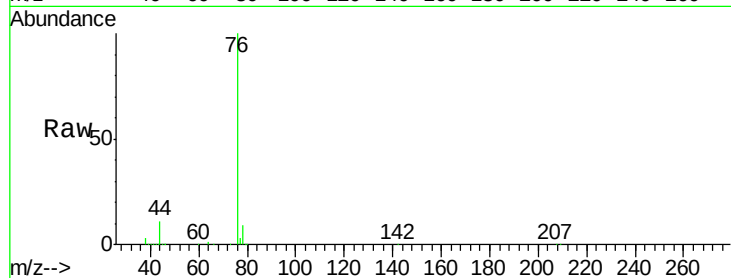
#17
Carbon Disulfide
Concen: 16.559 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

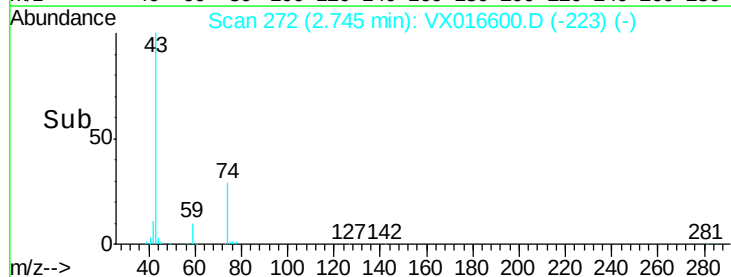
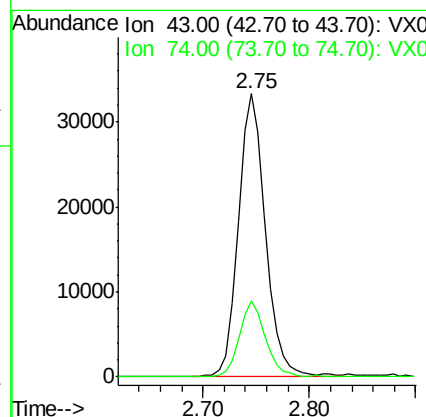
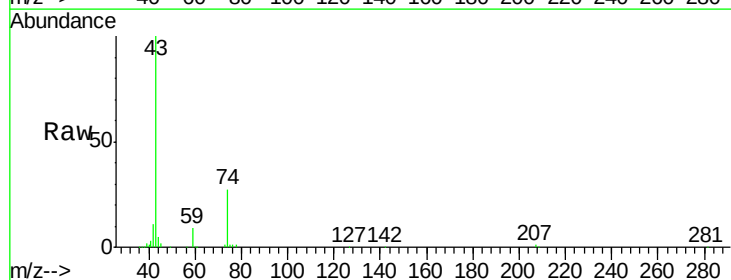
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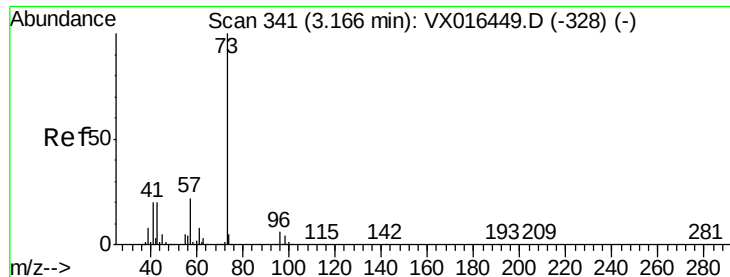
MMDadoda
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#18
Methyl Acetate
Concen: 17.544 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	19.7	29.5





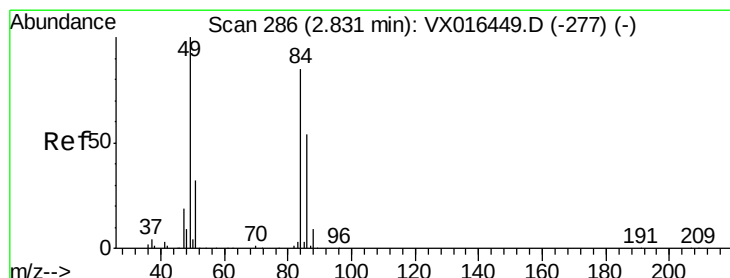
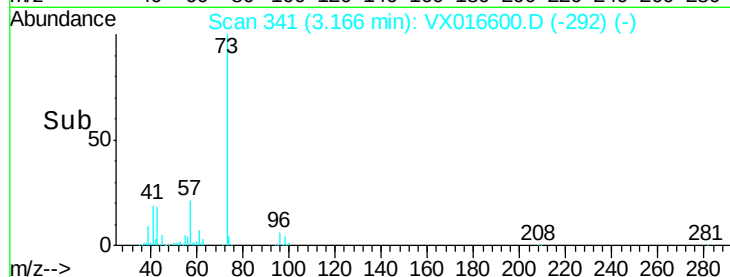
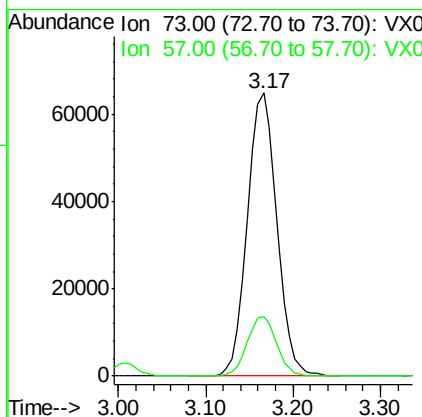
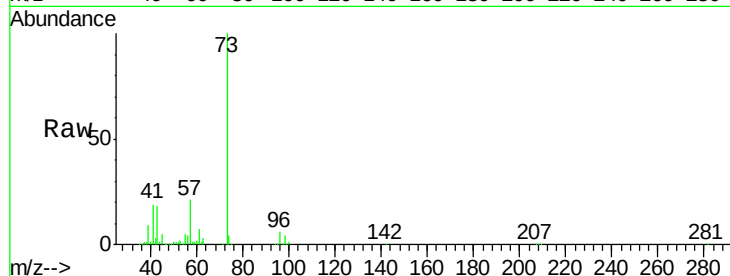
#19
Methyl tert-butyl Ether
Concen: 18.266 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion: 73 Resp: 152443
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.6

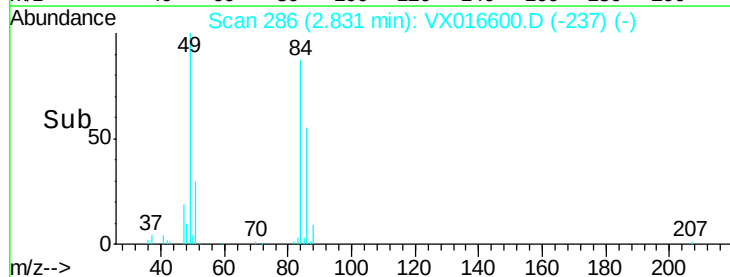
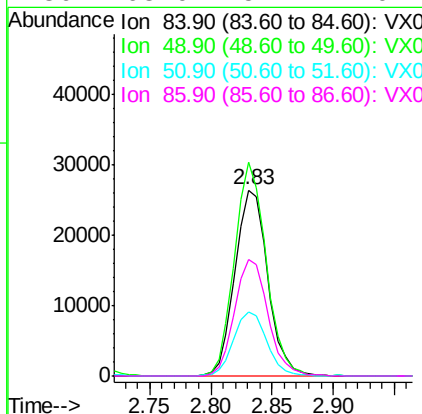
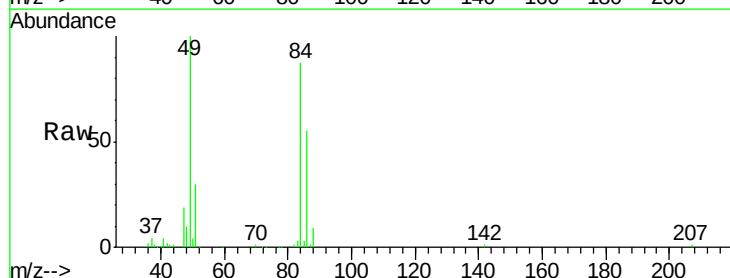
Manual Integrations
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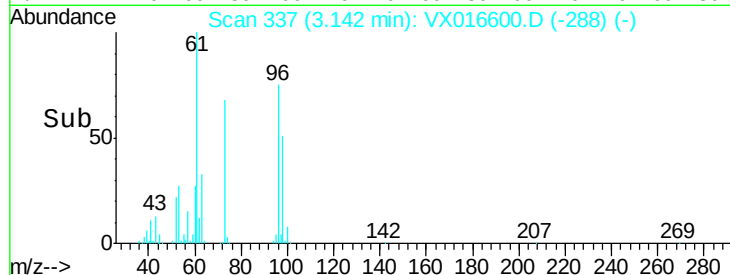
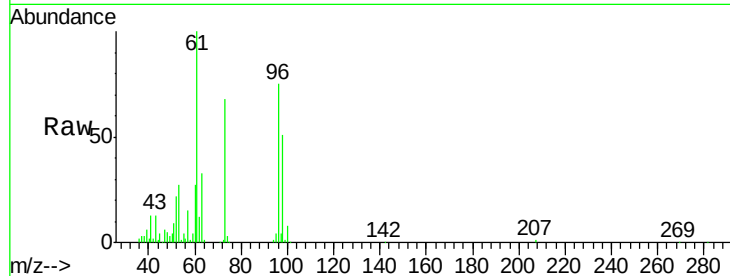
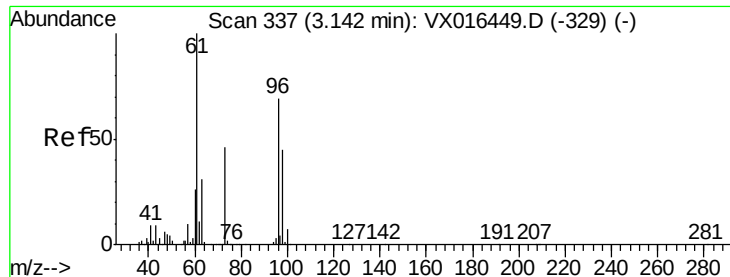
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#20
Methylene Chloride
Concen: 18.013 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion: 84 Resp: 48977
Ion Ratio Lower Upper
84 100
49 114.9 94.5 141.7
51 34.4 30.2 45.4
86 63.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.041 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tot Ion:	96	Resp:	46380
Ion Ratio	Lower	Upper	
96	100		
61	133.0	115.3	172.9
98	68.0	51.9	77.9

Instrument :

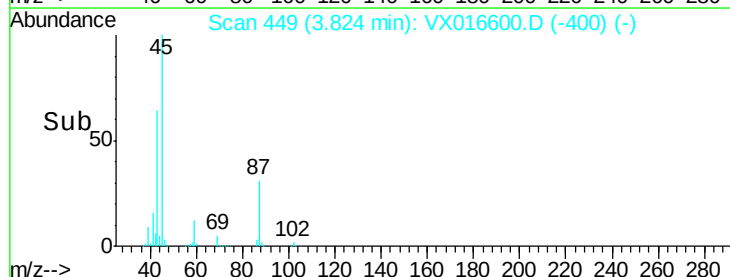
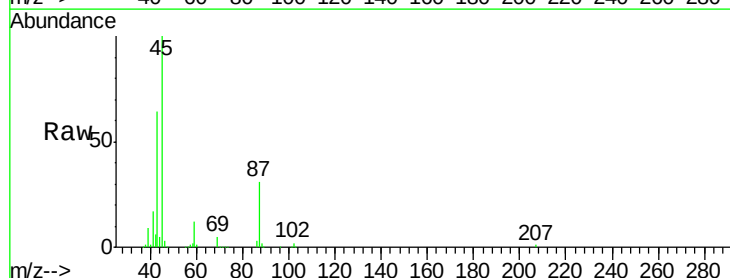
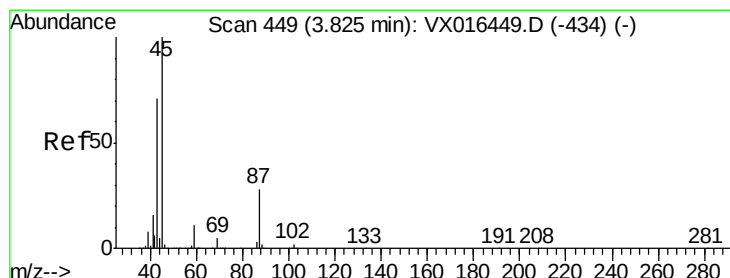
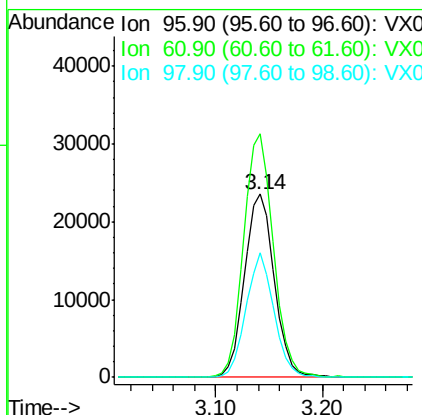
MSVOA_X

ClientSampleId :

VX0605WBS01

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#22

Diisopropyl ether

Concen: 16.852 ug/l

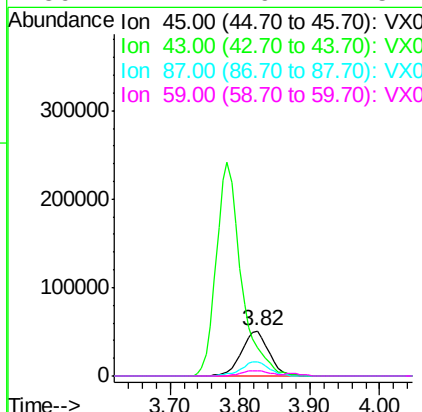
RT: 3.82 min Scan# 449

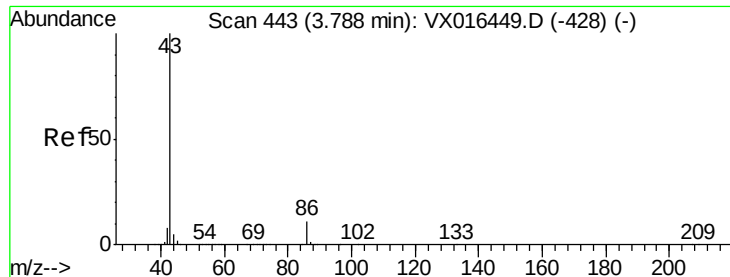
Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	45	Resp:	138371
Ion Ratio	Lower	Upper	
45	100		
43	63.8	57.0	85.6
87	31.4	22.5	33.7
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 83.863 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 43 Resp: 602726

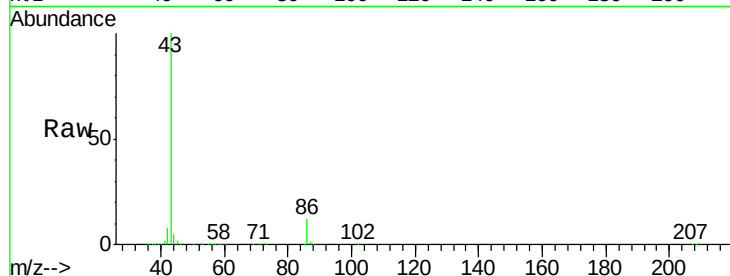
Ion Ratio Lower Upper

43 100

86 11.5 8.6 13.0

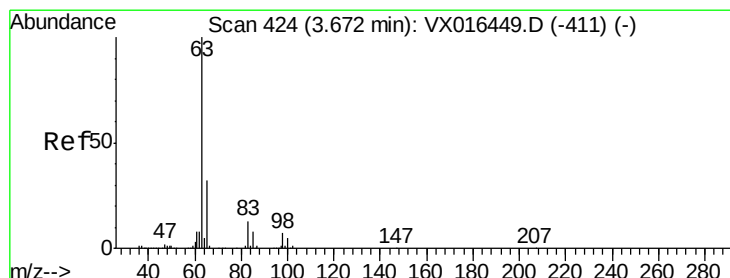
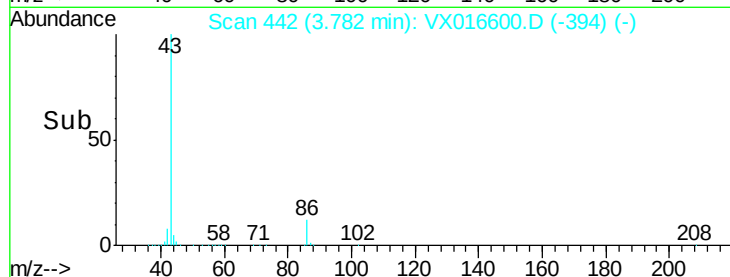
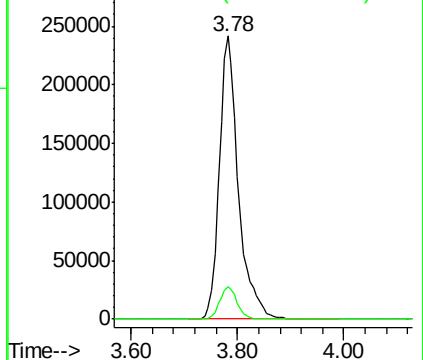
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.770 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

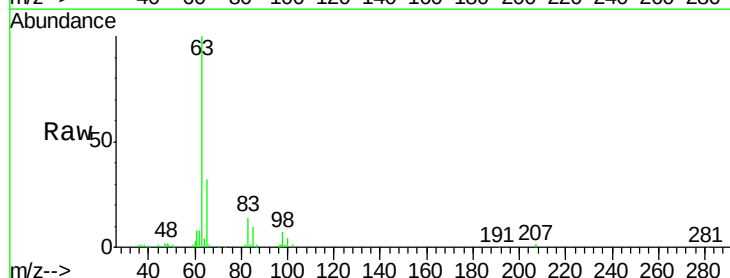
Tgt Ion: 63 Resp: 82355

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

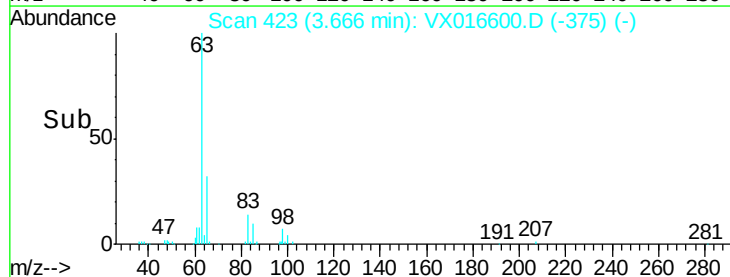
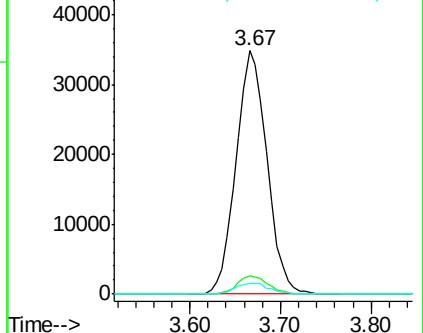
100 4.4 2.4 7.1

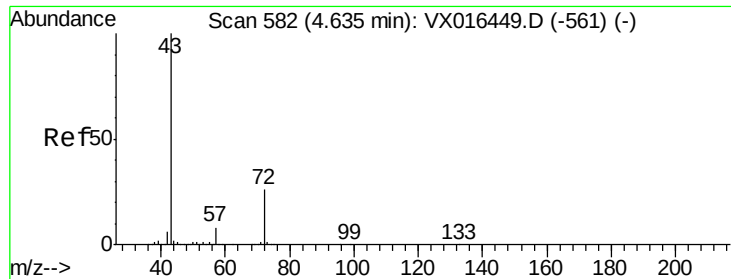


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 81.012 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 43 Resp: 180402

Ion Ratio Lower Upper

43 100

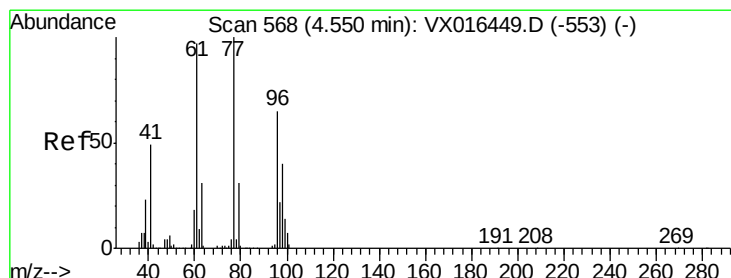
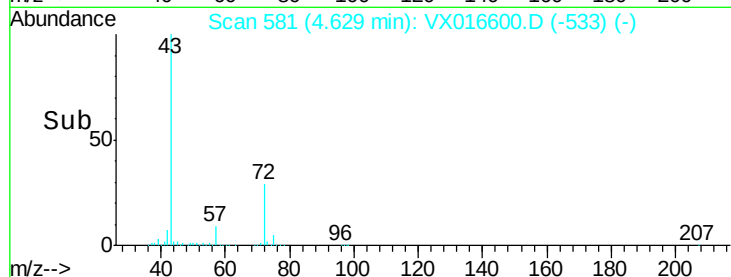
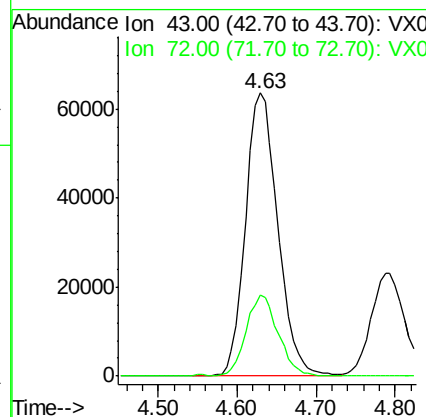
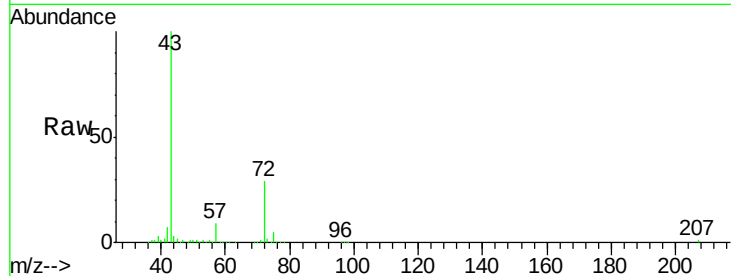
72 28.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.608 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016600.D

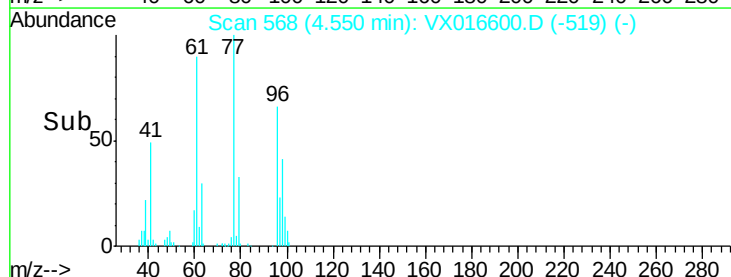
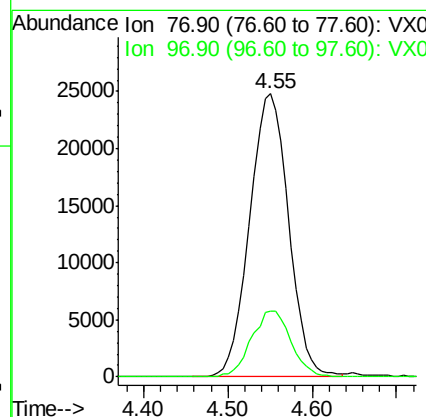
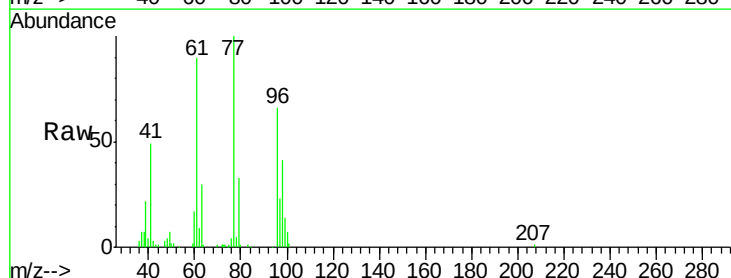
Acq: 05 Jun 2020 10:49

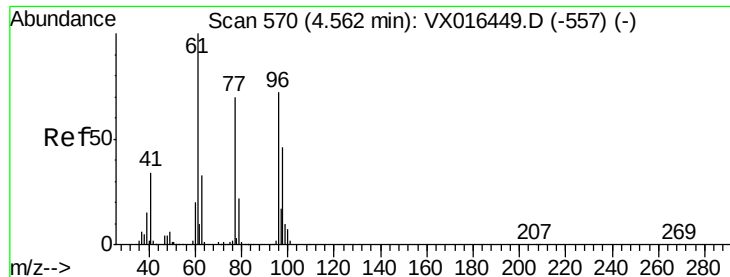
Tgt Ion: 77 Resp: 78149

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.4





#27

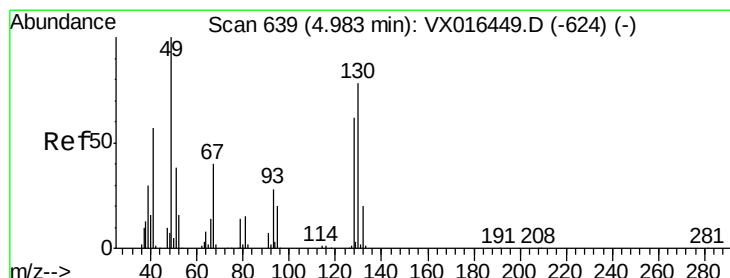
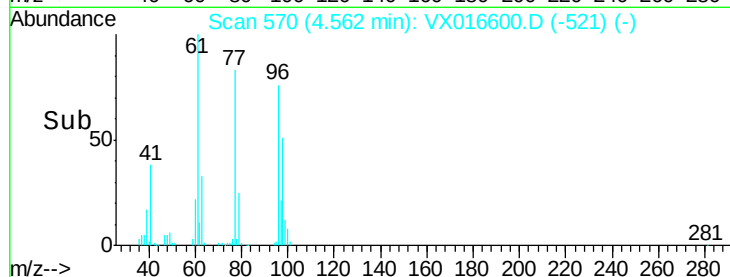
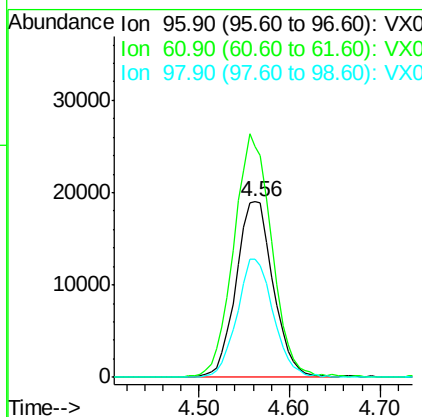
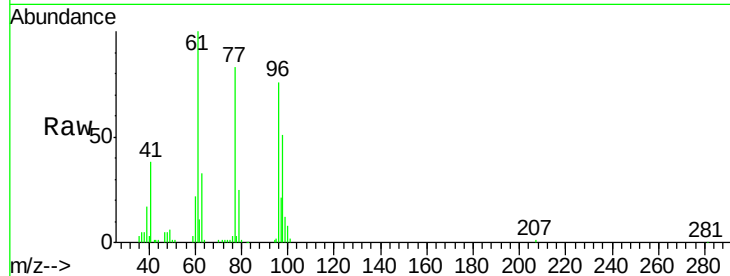
cis-1,2-Dichloroethene
Concen: 18.189 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.1	0.0	284.6	
98	65.8	0.0	127.2	

Manual Integrations
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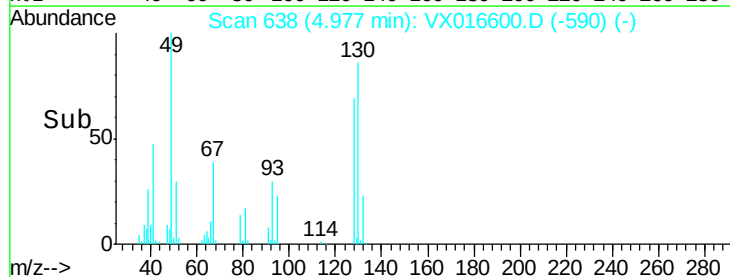
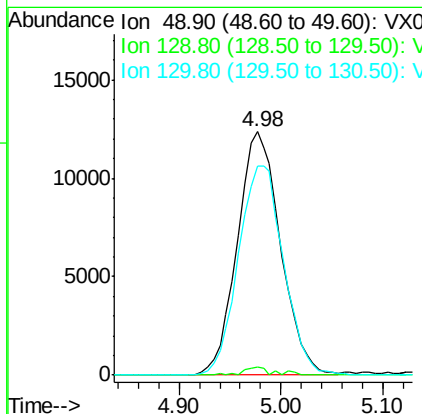
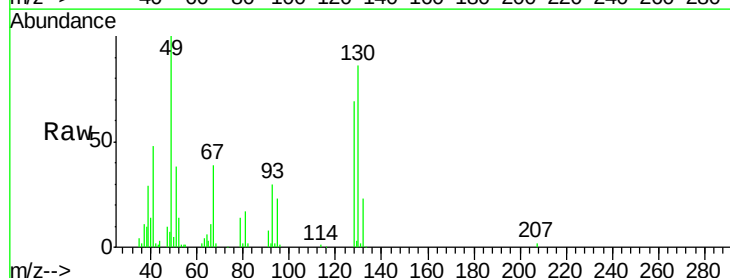
MMDadoda
6/8/2020 4:55:39 PM

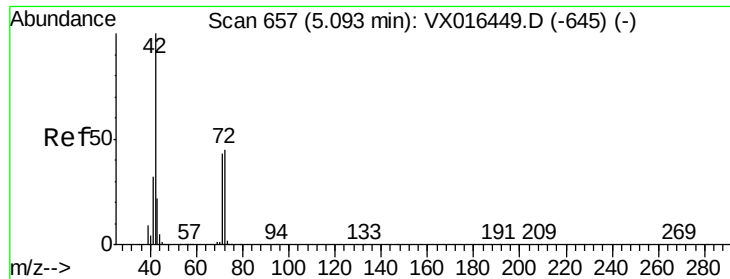


#28

Bromochloromethane
Concen: 16.892 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.4	0.0	4.0	
130	89.7	63.0	94.4	





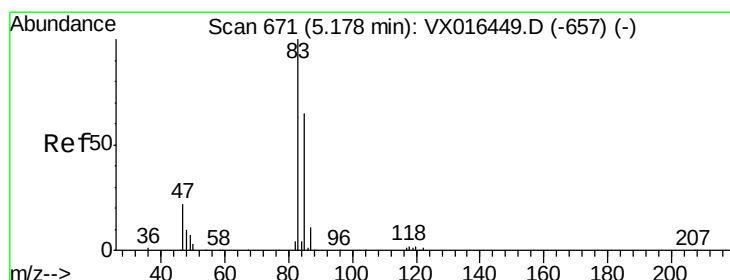
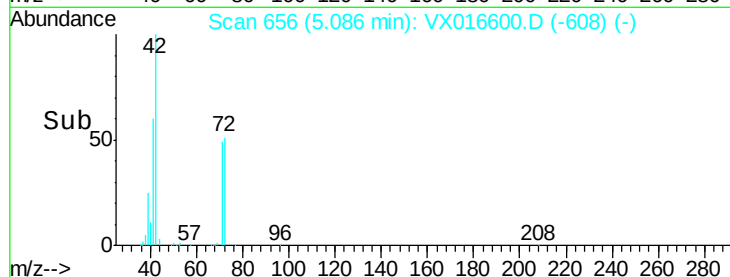
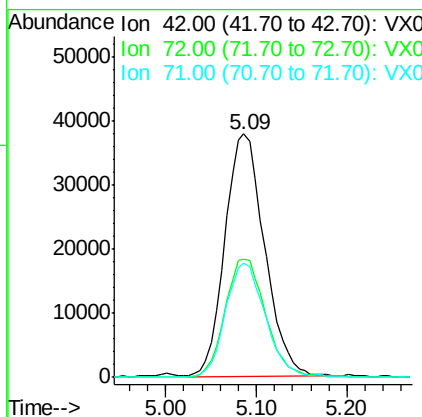
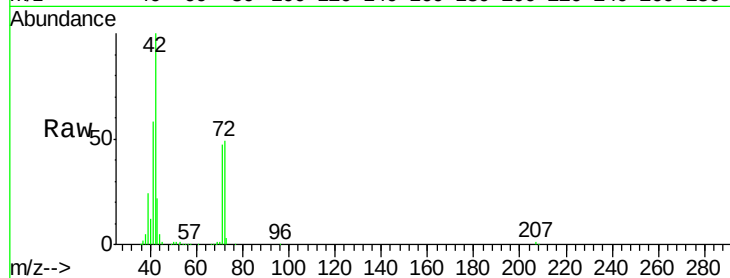
#29
Tetrahydrofuran
Concen: 79.957 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	37.0	55.4
71	46.8	34.1	51.1

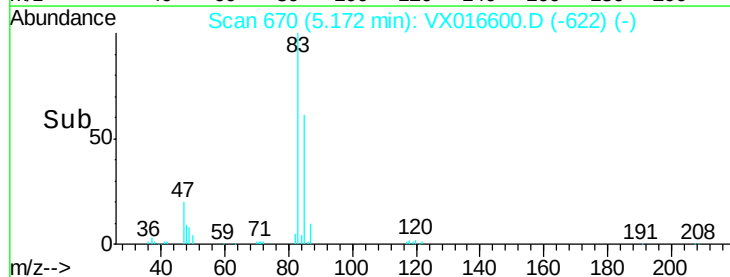
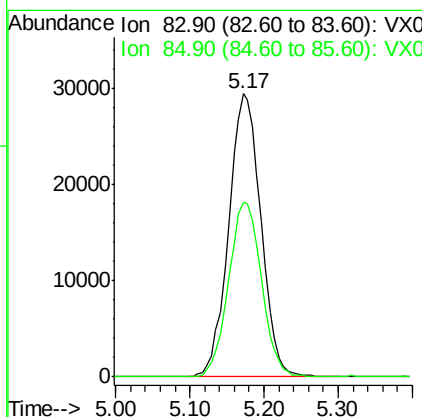
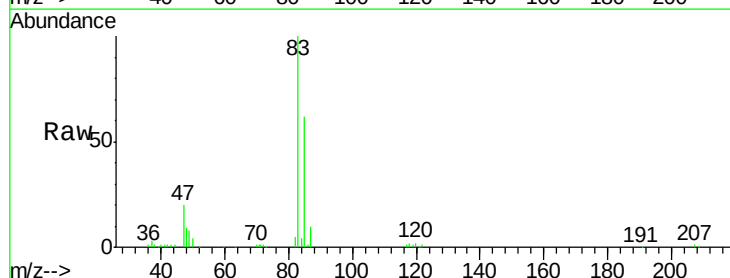
Manual Integrations
APPROVED

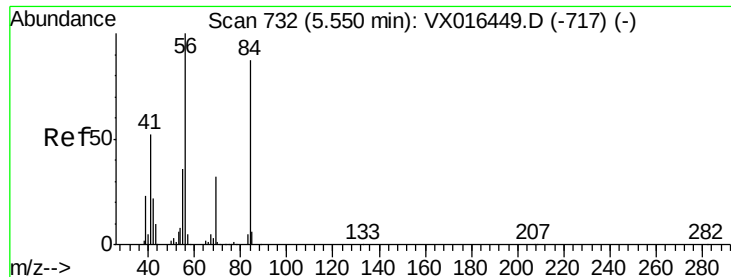
MMDadoda
6/8/2020 4:55:39 PM



#30
Chloroform
Concen: 19.024 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.0	78.0





#31

Cyclohexane

Concen: 16.614 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

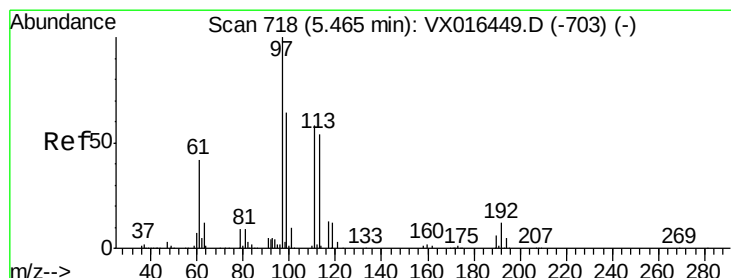
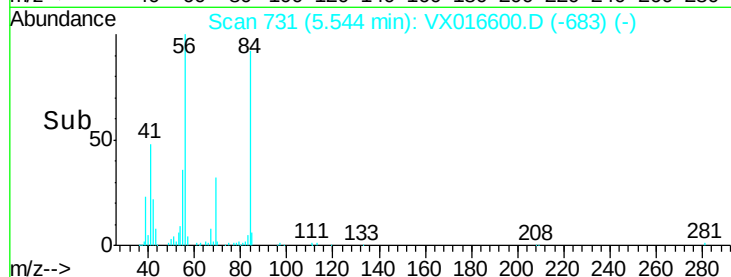
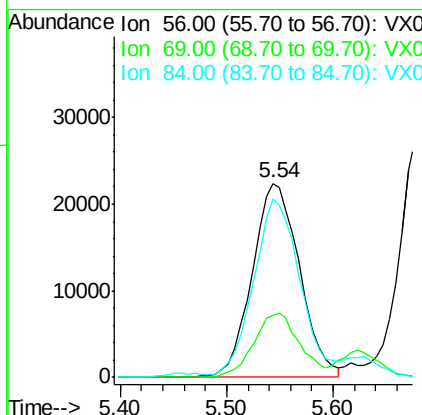
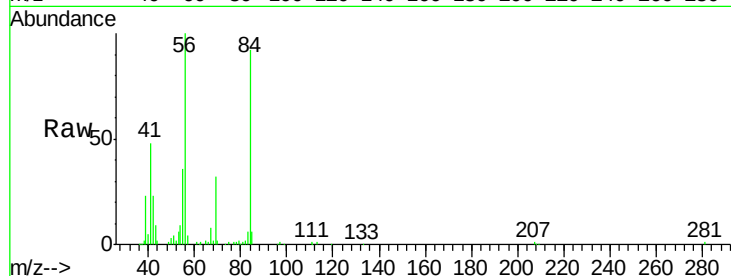
ClientSampleId :

VX0605WBS01

Tot Ion:	56	Resp:	69267
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.7	38.5
84	90.3	70.0	105.0

Manual Integrations
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6/8/2020 4:55:39 PM



#32

1,1,1-Trichloroethane

Concen: 19.197 ug/l

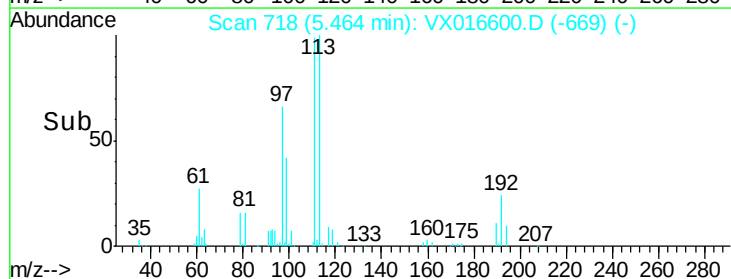
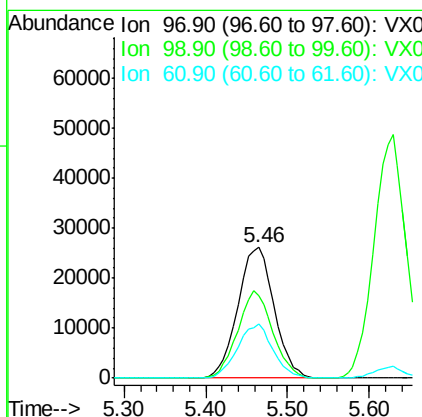
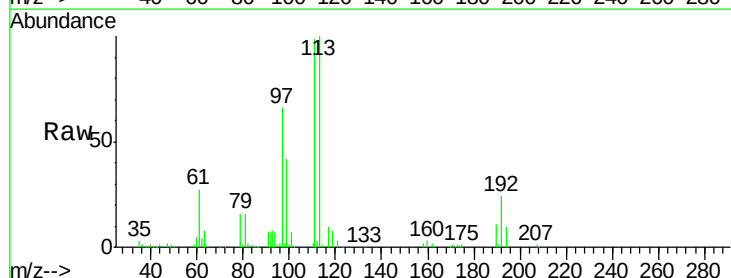
RT: 5.46 min Scan# 718

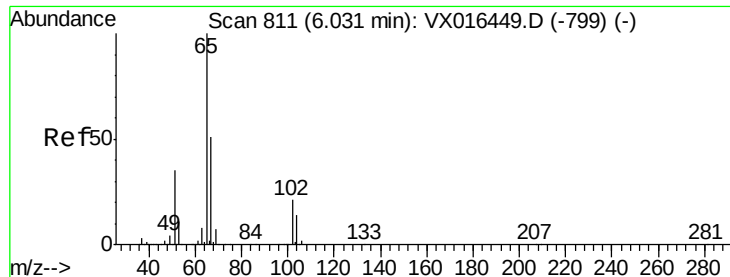
Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	97	Resp:	81158
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	40.4	33.5	50.3





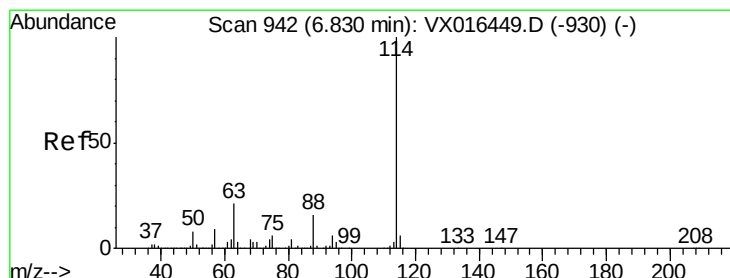
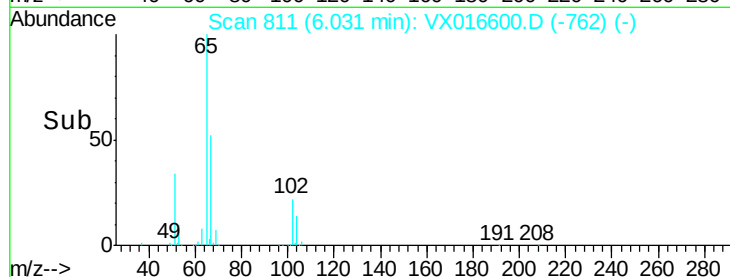
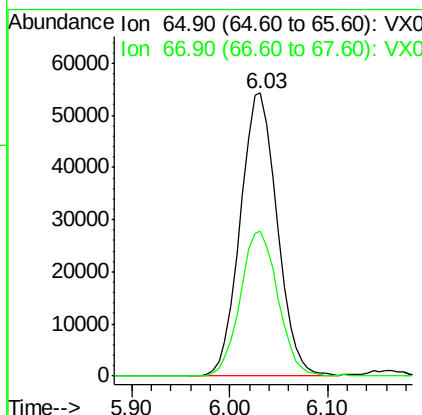
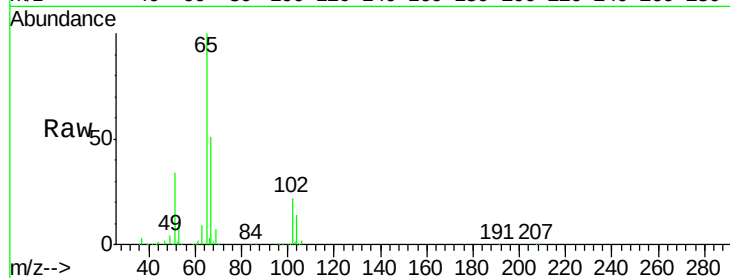
#33
 1,2-Dichloroethane-d4
 Concen: 47.495 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	142466		
67	52.1	0.0	104.8	

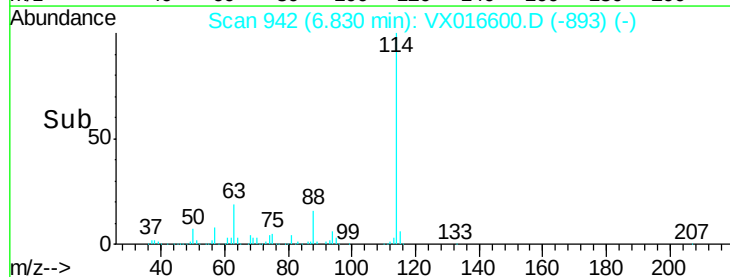
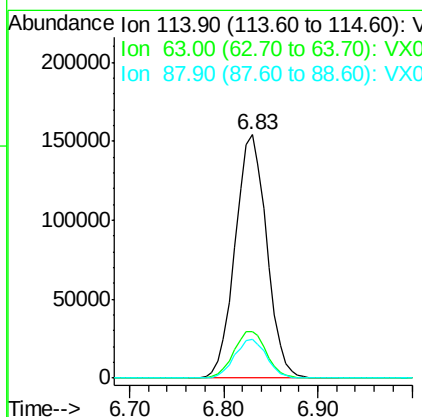
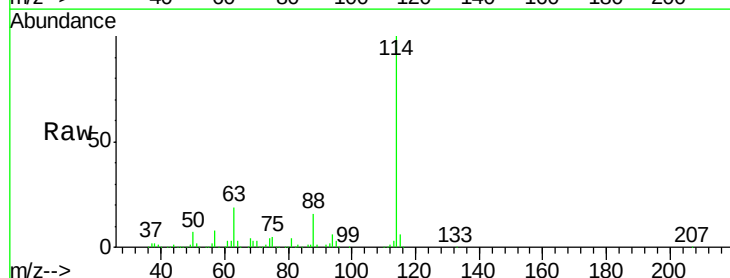
Manual Integrations
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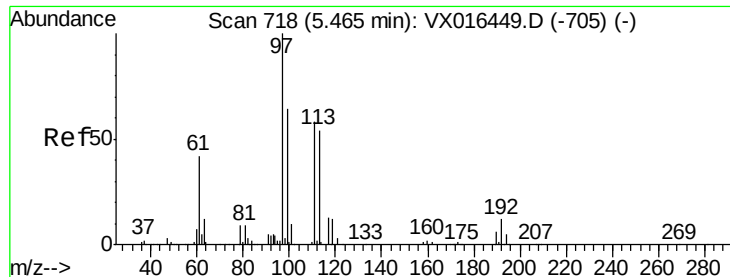
MMDadoda
 6/8/2020 4:55:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	361389		
63	19.1	0.0	42.6	
88	16.1	0.0	32.8	





#35

Dibromofluoromethane

Concen: 51.037 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

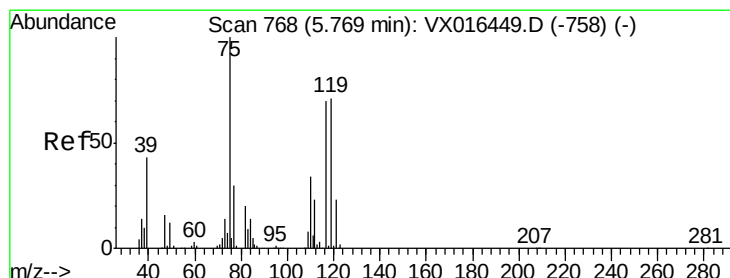
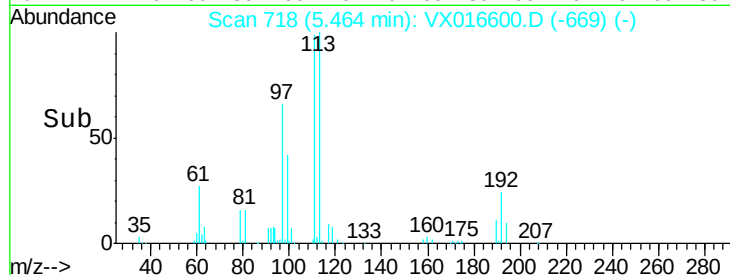
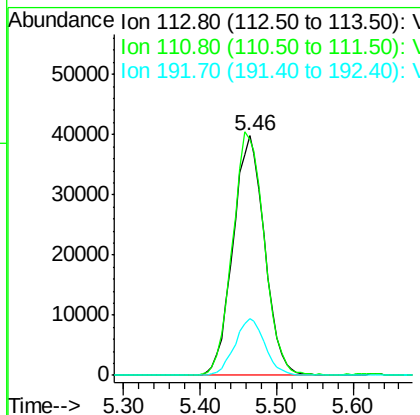
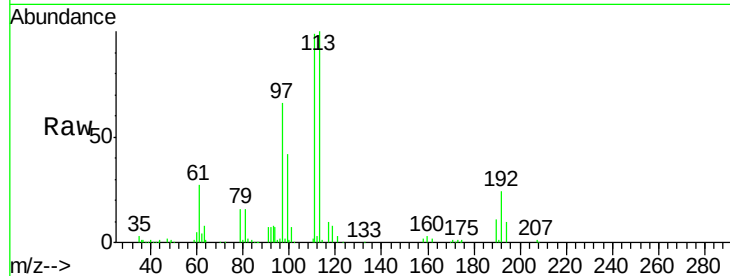
ClientSampleId :

VX0605WBS01

Tot Ion:	113	Resp:	113569
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.0	124.6
192	22.5	17.7	26.5

Manual Integrations
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6/8/2020 4:55:39 PM



#36

1,1-Dichloropropene

Concen: 18.215 ug/l

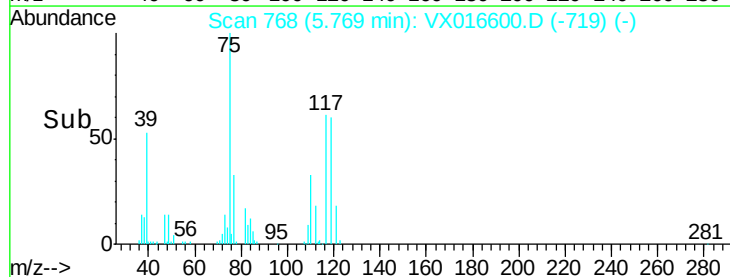
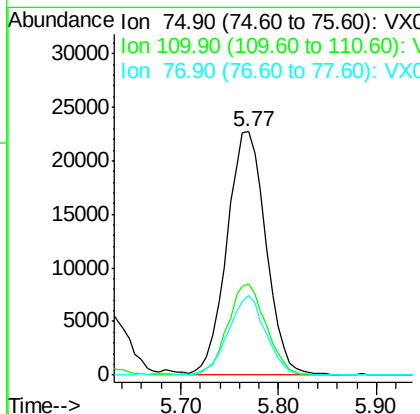
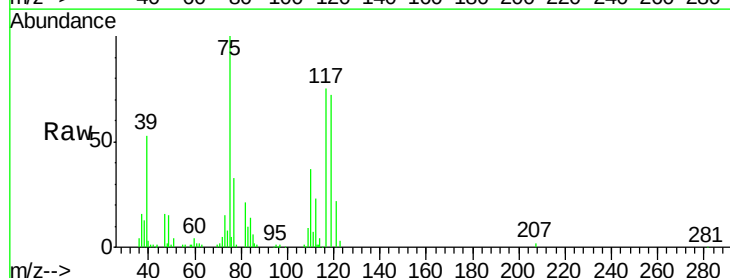
RT: 5.77 min Scan# 768

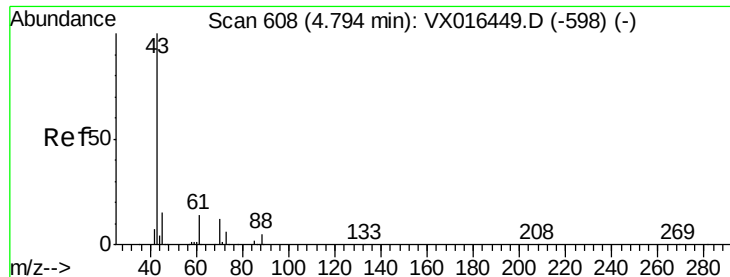
Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	75	Resp:	62326
Ion Ratio	Lower	Upper	
75	100		
110	37.1	17.4	52.3
77	31.8	24.2	36.4





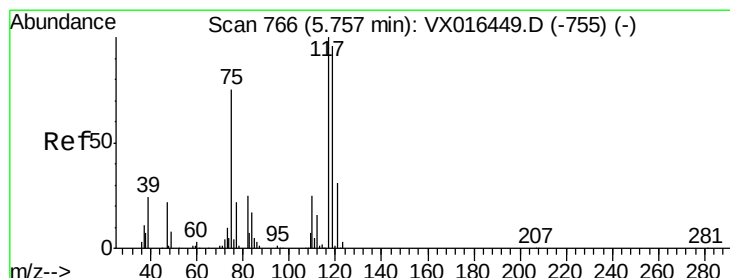
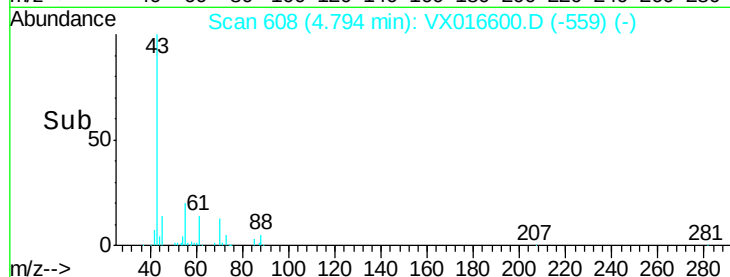
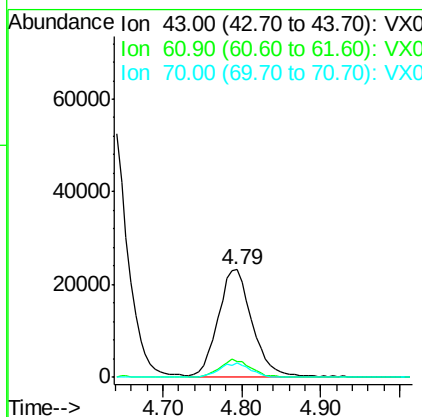
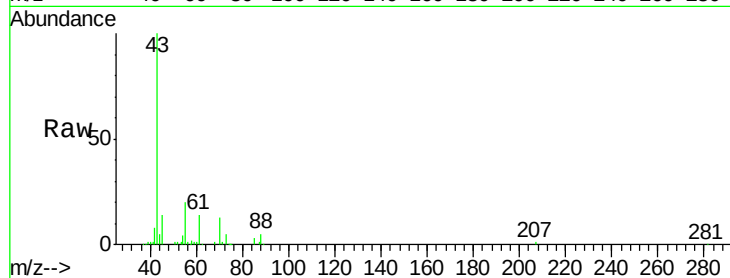
#37
Ethyl Acetate
Concen: 16.693 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion:	43	Resp:	68575
Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.3	16.9
70	12.4	9.3	13.9

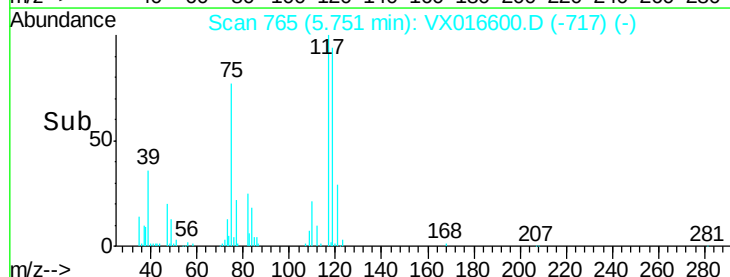
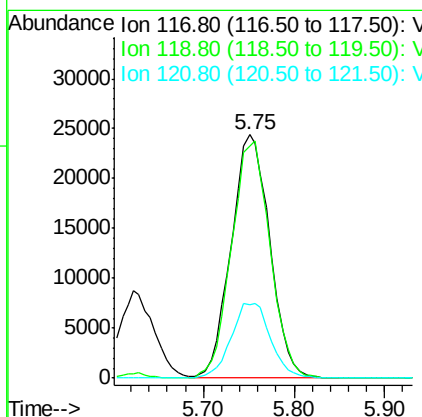
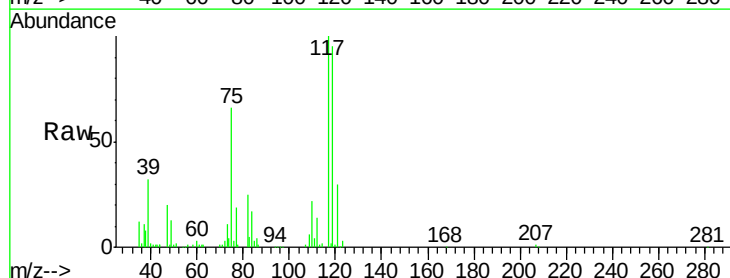
Manual Integrations
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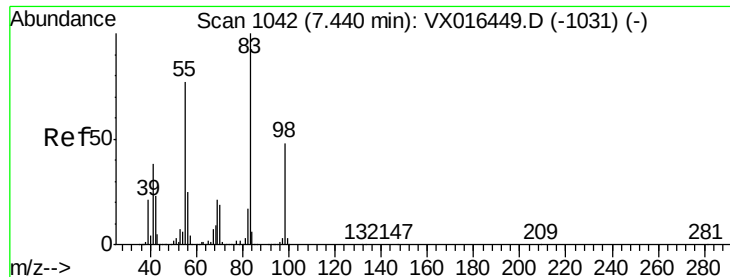
MMDadoda
6/8/2020 4:55:39 PM



#38
Carbon Tetrachloride
Concen: 20.094 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion:	117	Resp:	72255
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.3	114.5
121	30.0	24.6	37.0





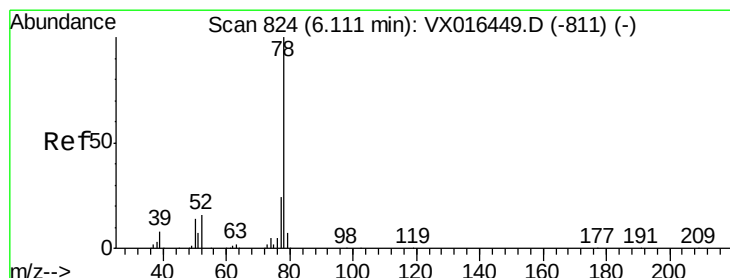
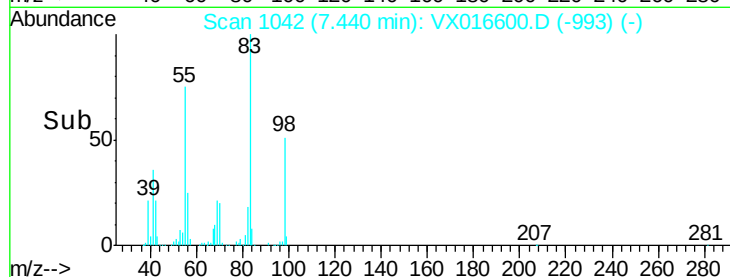
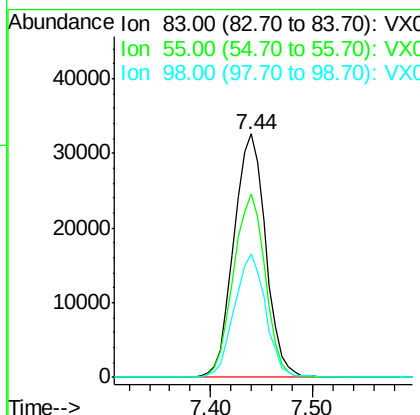
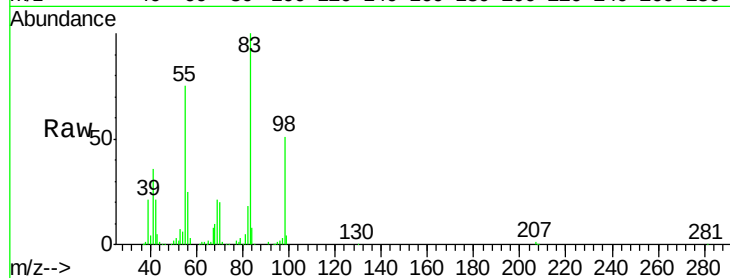
#39
Methylvlcyclohexane
Concen: 19.016 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	83	Resp	70674
Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.7	92.5
98	50.7	38.7	58.1

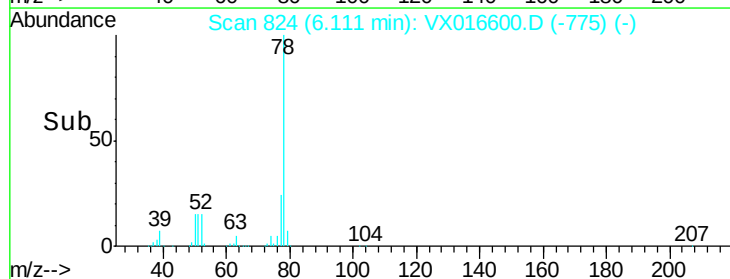
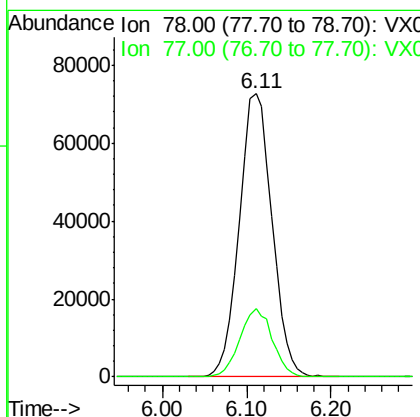
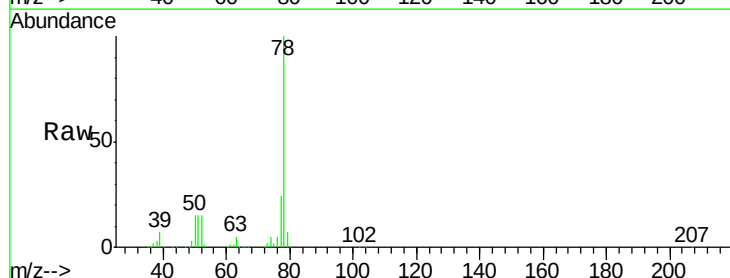
Manual Integrations
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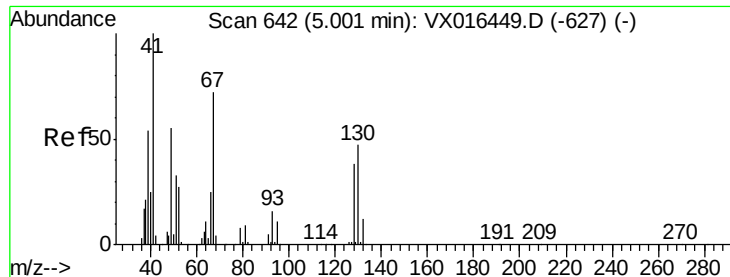
MMDadoda
6/8/2020 4:55:39 PM



#40
Benzene
Concen: 18.739 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	78	Resp	190946
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





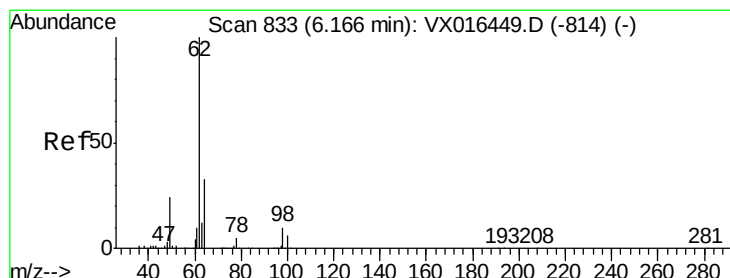
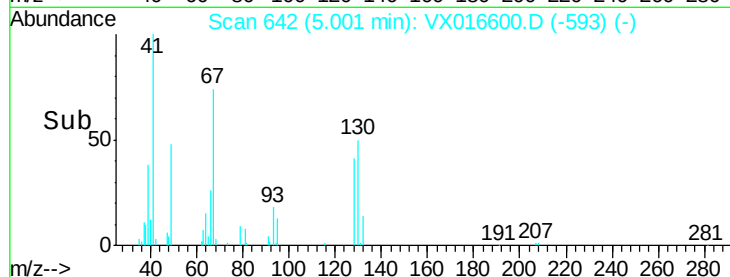
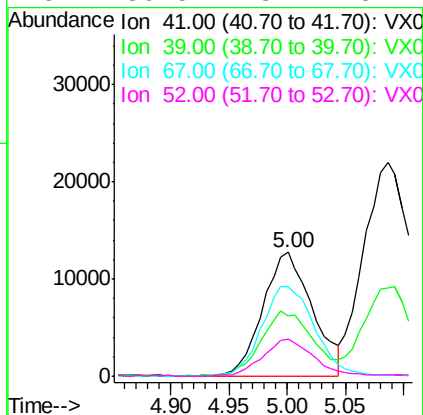
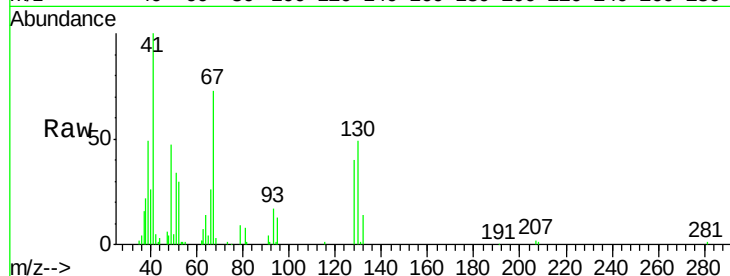
#41
Methacrylonitrile
Concen: 16.788 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.0	64.4
67	77.3	58.9	88.3
52	30.5	23.1	34.7

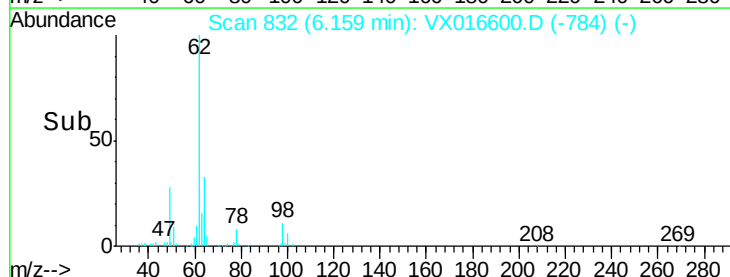
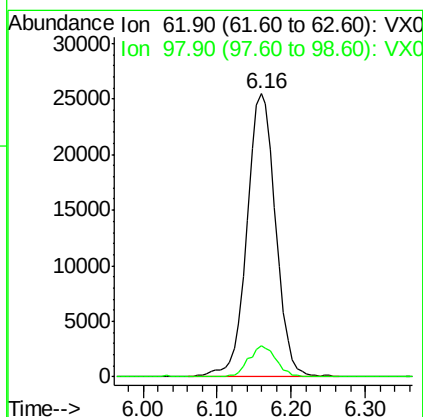
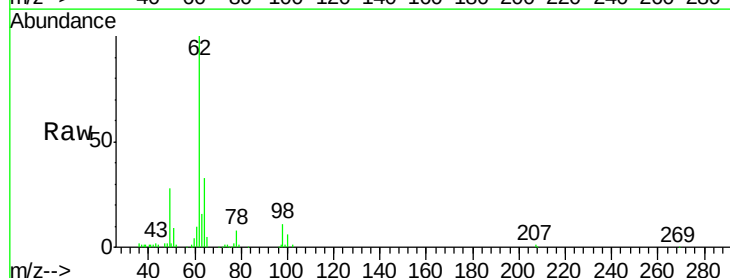
Manual Integrations
APPROVED

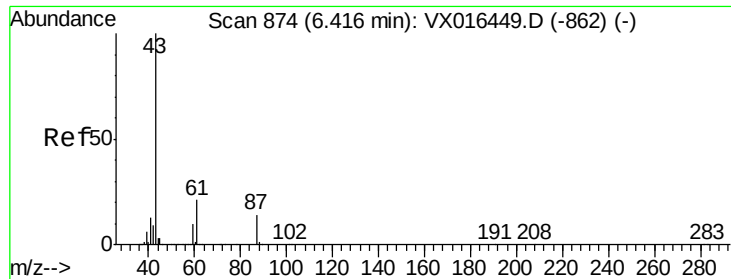
MMDadoda
6/8/2020 4:55:39 PM



#42
1,2-Dichloroethane
Concen: 19.053 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.8





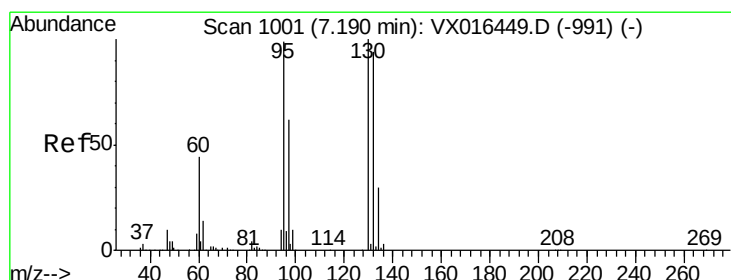
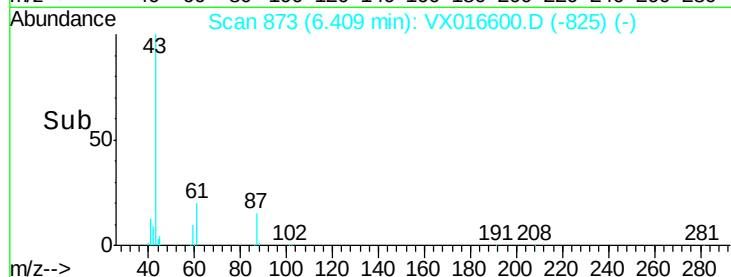
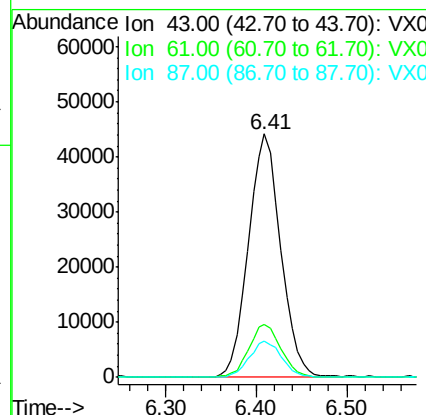
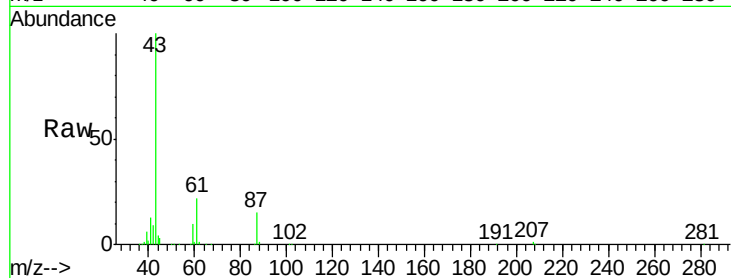
#43
Isopropyl Acetate
Concen: 16.997 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.8	25.2
87	15.0	11.2	16.8

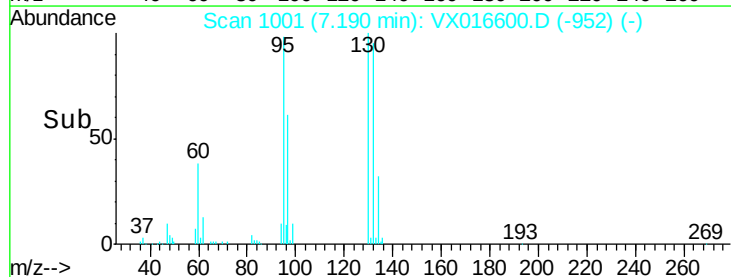
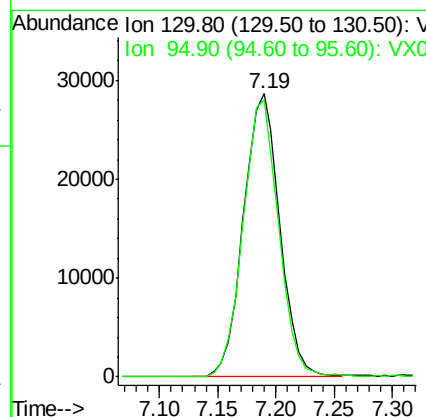
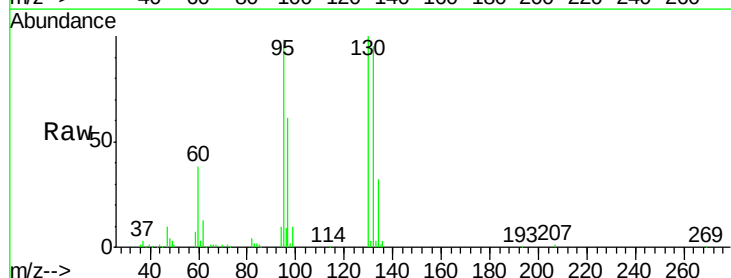
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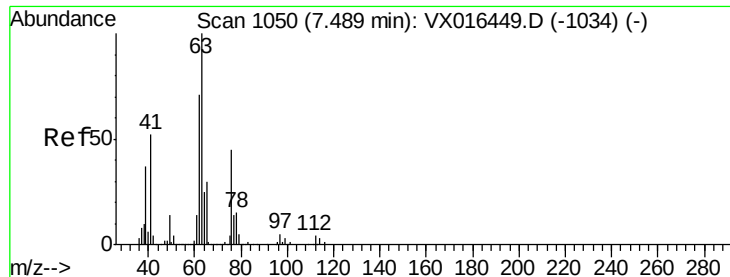
MMDadoda
6/8/2020 4:55:39 PM



#44
Trichloroethene
Concen: 19.243 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	198.2





#45

1,2-Dichloropropane

Concen: 18.729 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 63 Resp: 48585

Ion Ratio Lower Upper

63 100

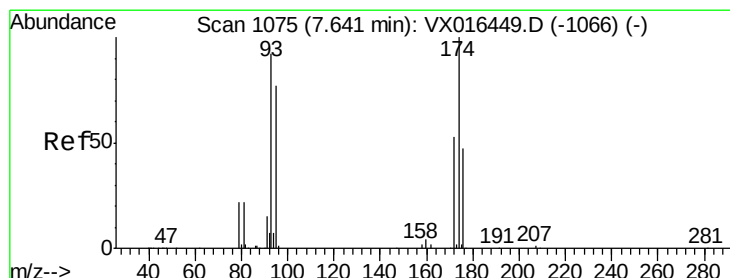
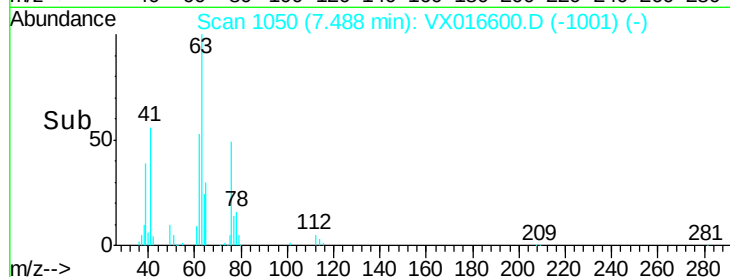
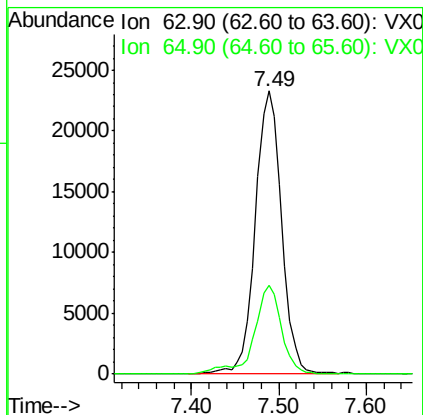
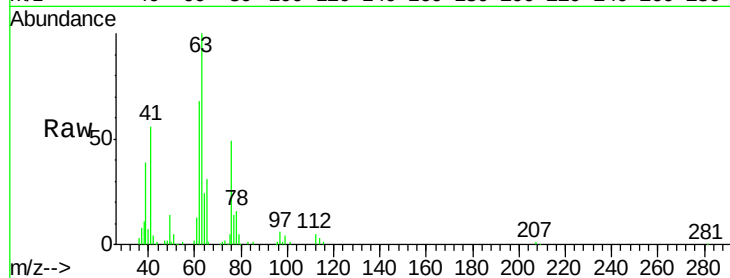
65 31.2 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.851 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

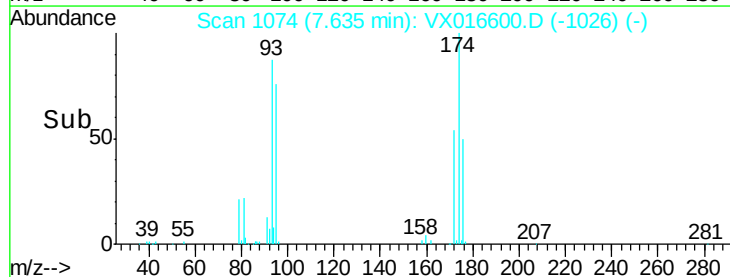
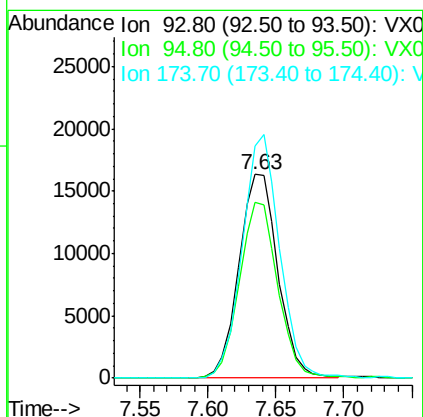
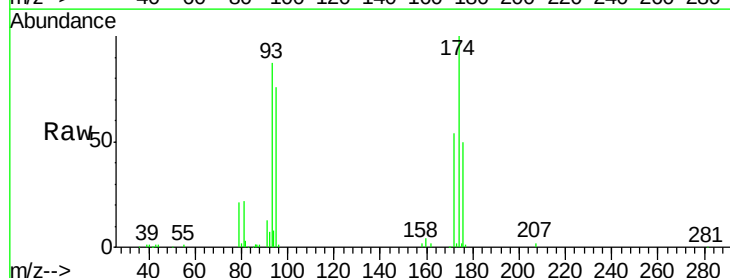
Tgt Ion: 93 Resp: 32845

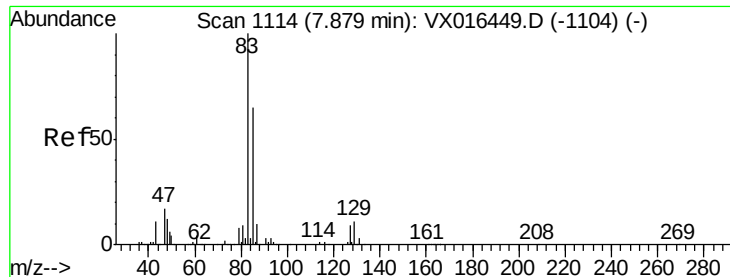
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 114.7 86.2 129.4





#47

Bromodichloromethane

Concen: 19.261 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

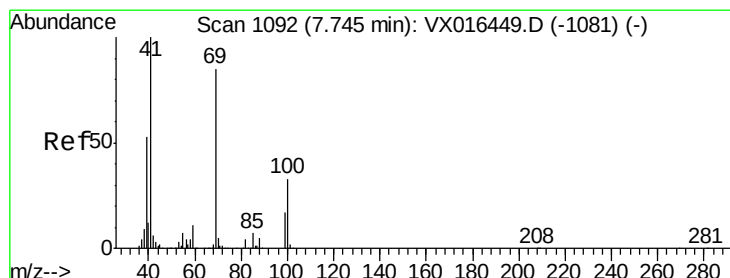
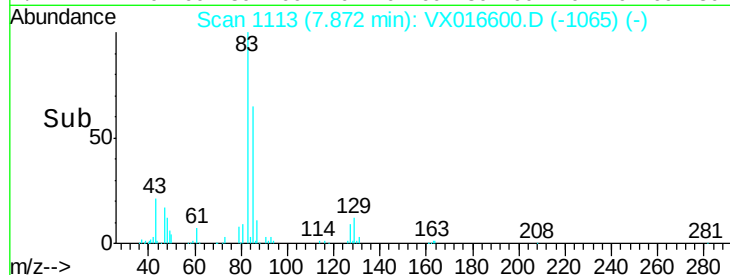
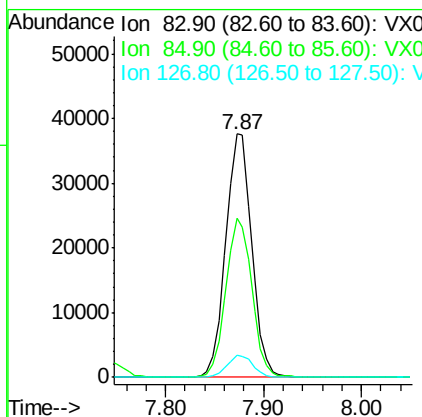
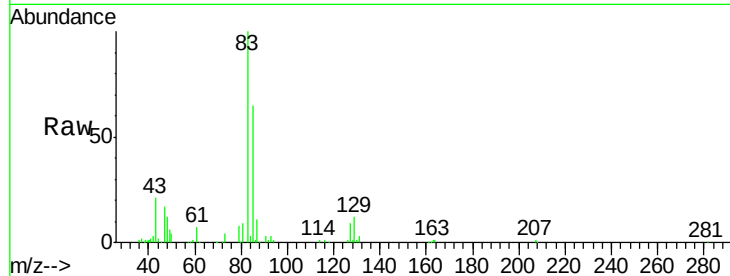
ClientSampleId :

VX0605WBS01

Tot Ion:	83	Resp:	69488
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.0	78.0
127	9.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.918 ug/l

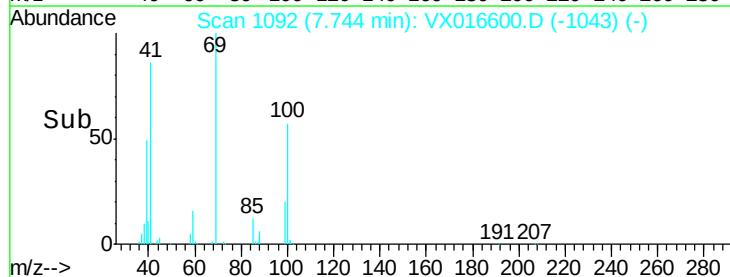
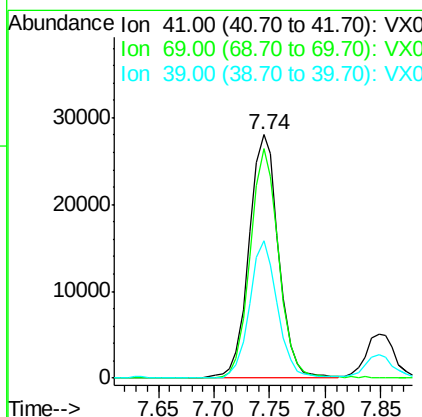
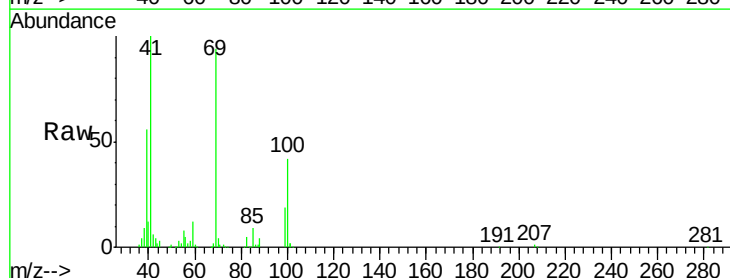
RT: 7.74 min Scan# 1092

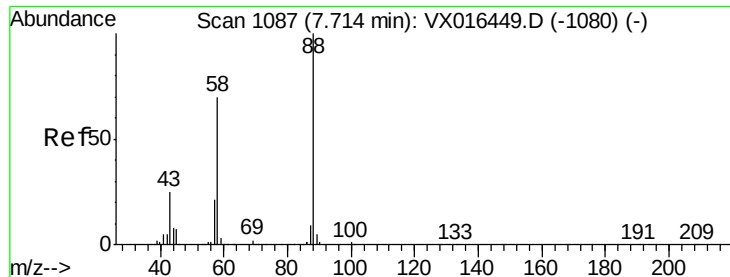
Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	41	Resp:	51904
Ion	Ratio	Lower	Upper
41	100		
69	90.7	68.6	102.8
39	53.4	42.4	63.6





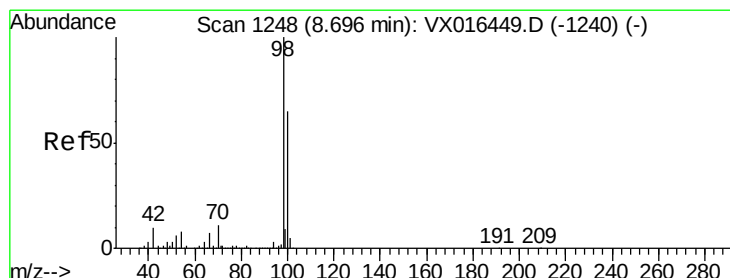
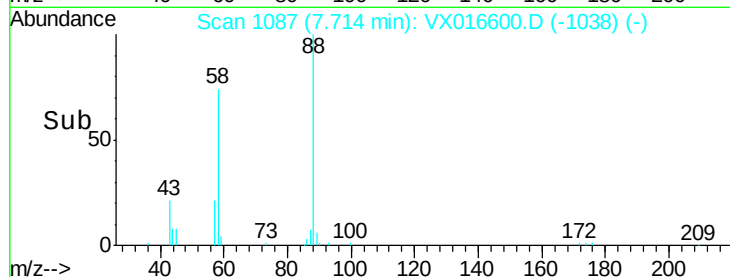
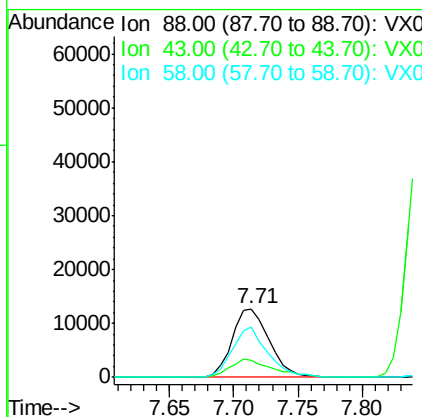
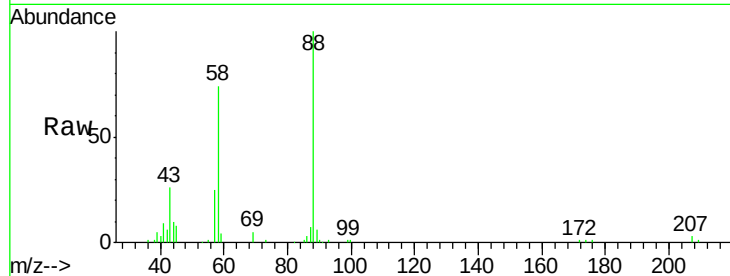
#49
1,4-Dioxane
Concen: 352.578 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.2	36.4
58	70.6	56.5	84.7

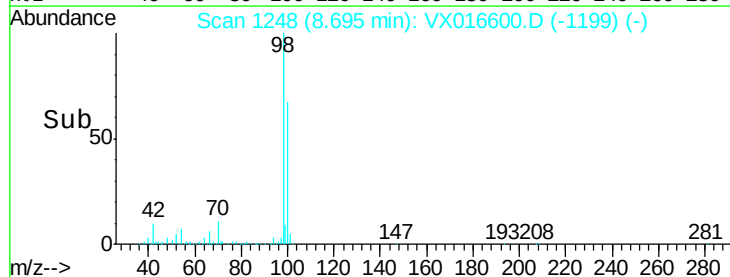
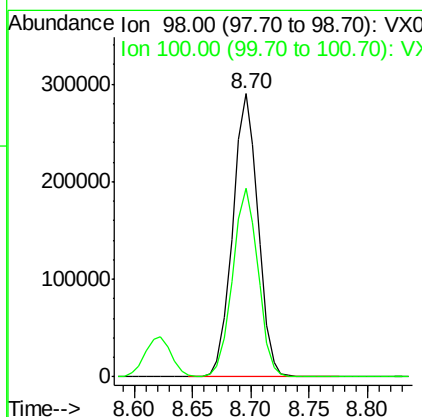
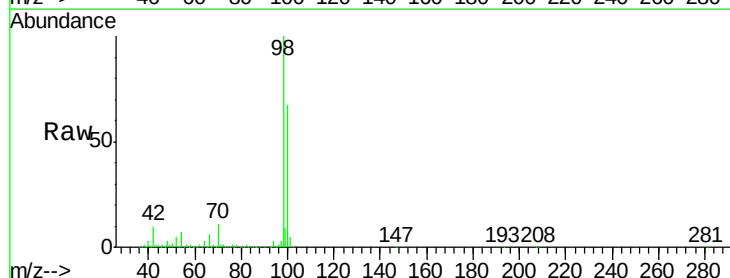
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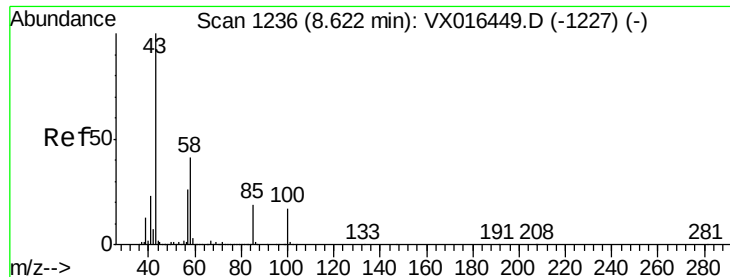
MMDadoda
6/8/2020 4:55:39 PM



#50
Toluene-d8
Concen: 50.862 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





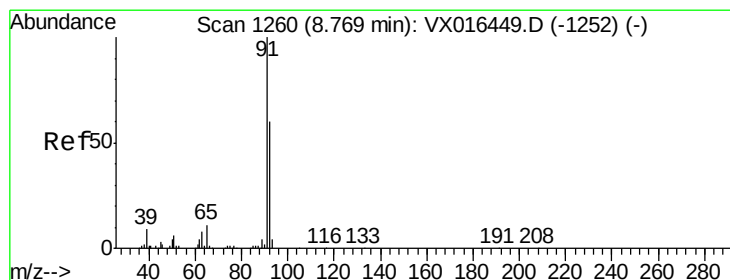
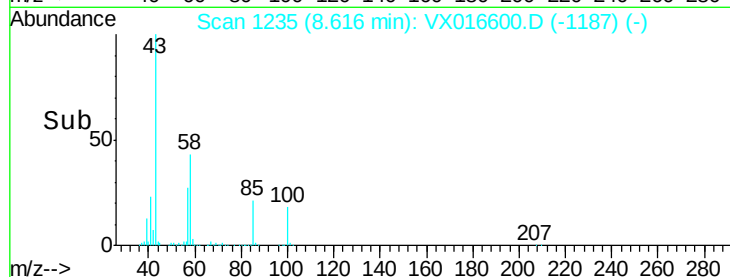
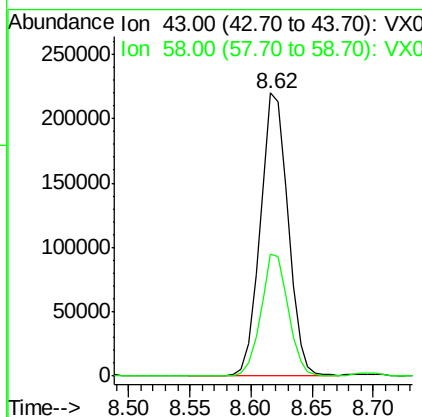
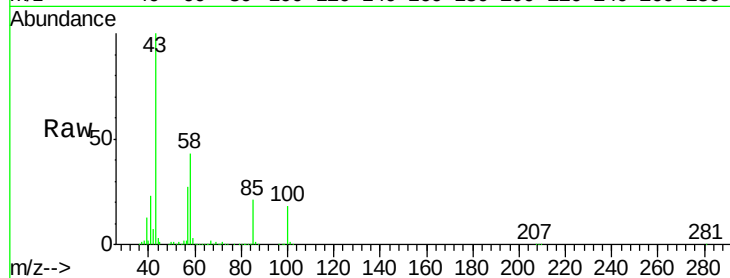
#51
4-Methyl-2-Pentanone
Concen: 87.468 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.5	33.0	49.6

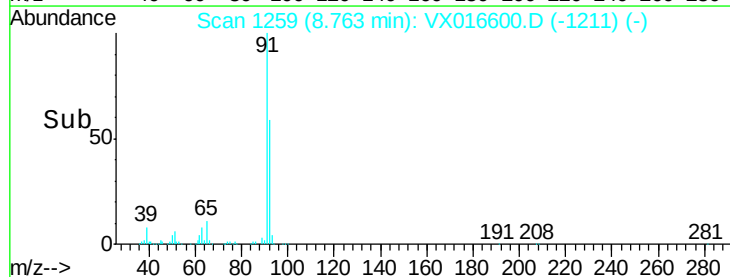
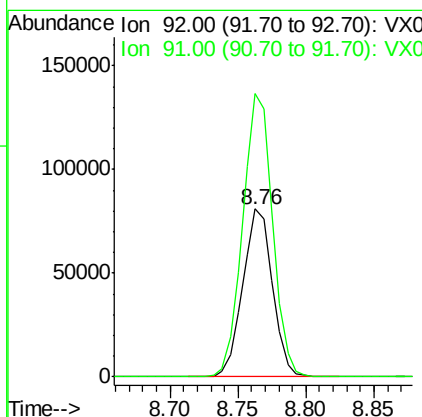
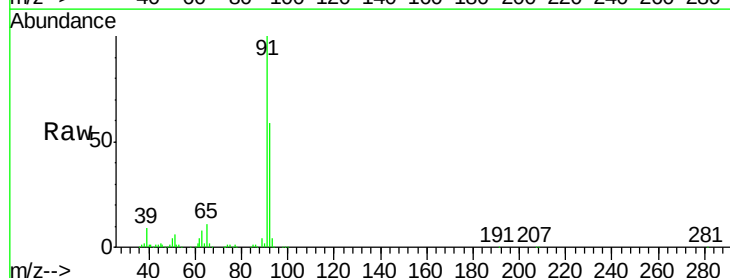
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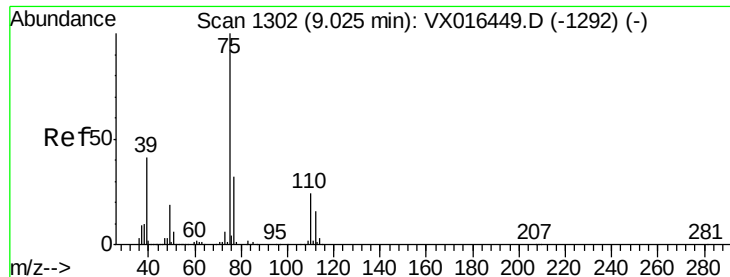
MMDadoda
6/8/2020 4:55:39 PM



#52
Toluene
Concen: 19.327 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.4	135.0	202.4





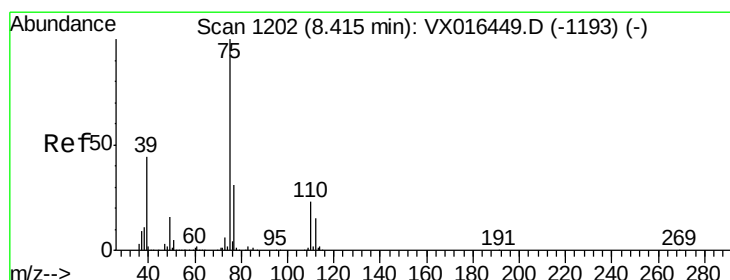
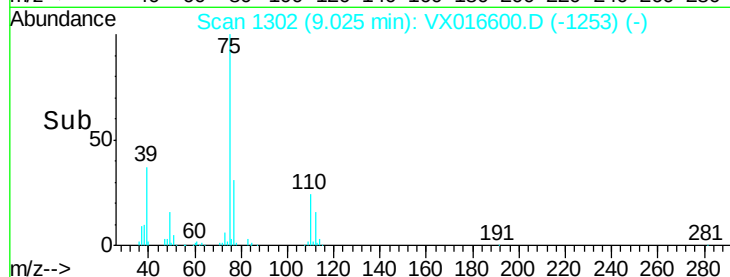
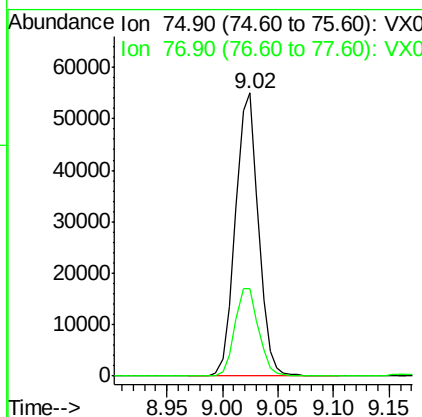
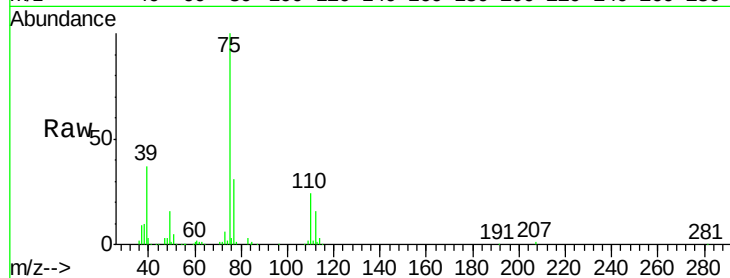
#53
t-1,3-Dichloropropene
Concen: 19.218 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.5	38.3

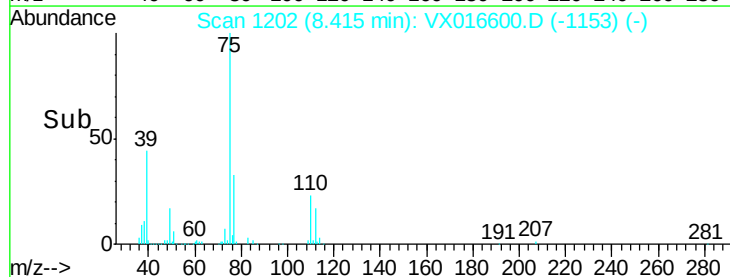
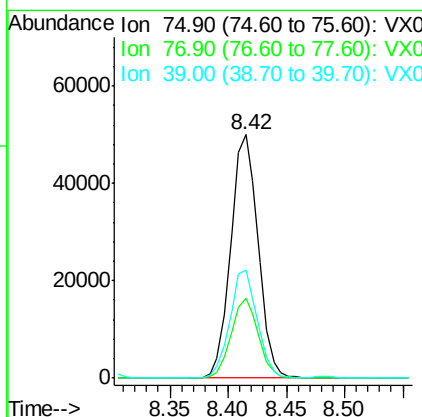
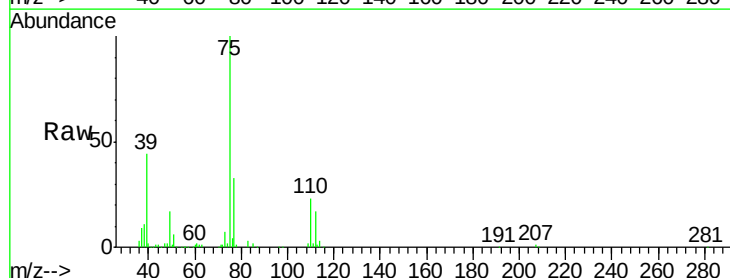
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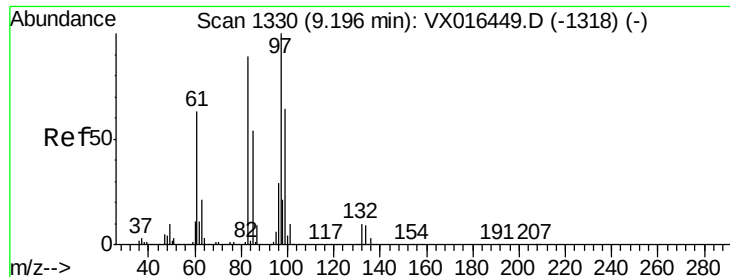
MMDadoda
6/8/2020 4:55:39 PM



#54
cis-1,3-Dichloropropene
Concen: 18.891 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.6	36.8
39	44.1	35.3	52.9





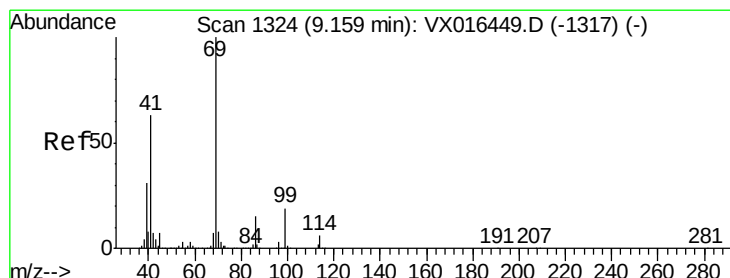
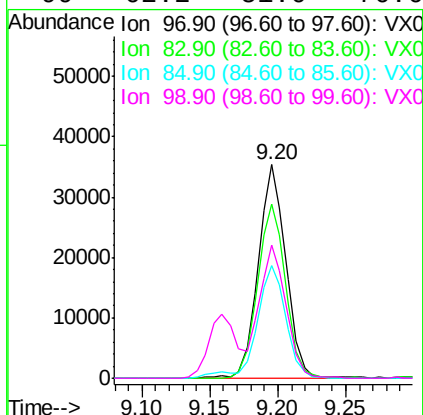
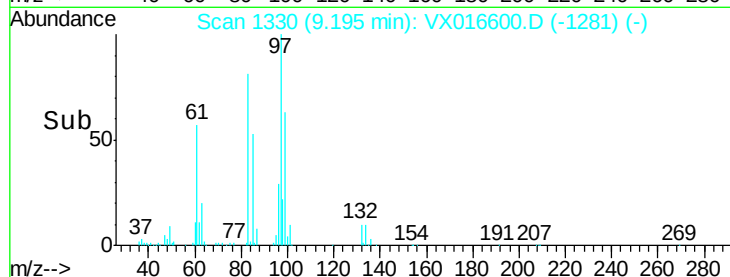
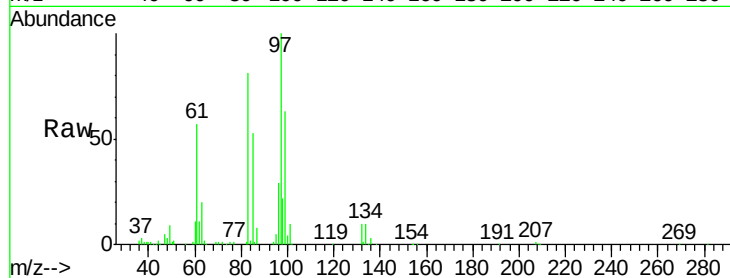
#55
 1,1,2-Trichloroethane
 Concen: 19.745 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Tot Ion:	97	Resp:	50444
Ion	Ratio	Lower	Upper
97	100		
83	81.2	70.9	106.3
85	52.8	43.4	65.2
99	62.2	51.0	76.6

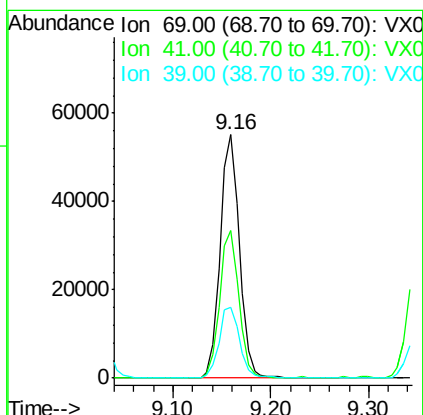
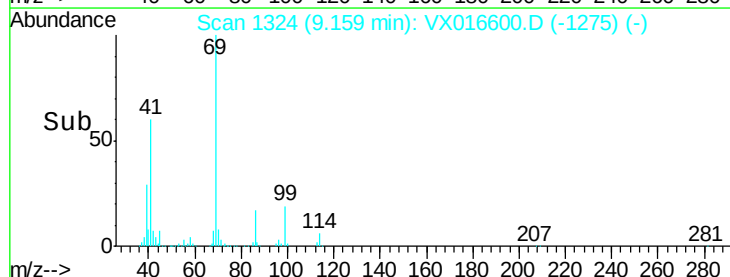
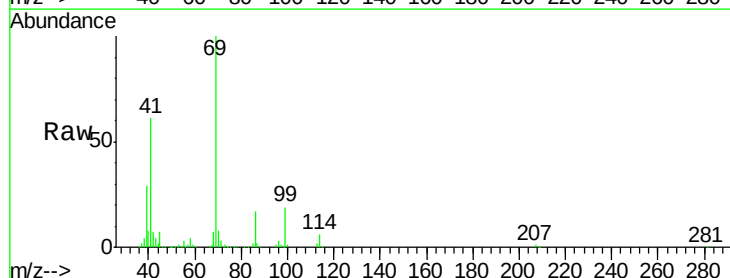
Manual Integrations
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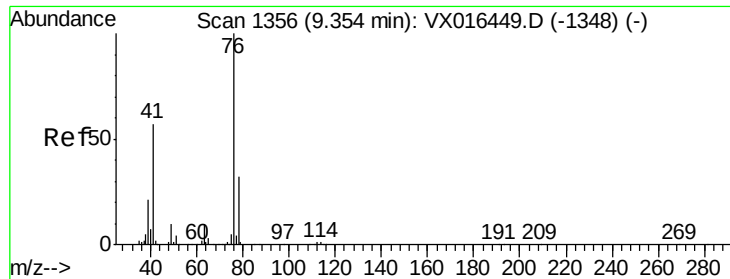
MMDadoda
 6/8/2020 4:55:39 PM



#56
 Ethyl methacrylate
 Concen: 18.086 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion:	69	Resp:	75252
Ion	Ratio	Lower	Upper
69	100		
41	60.7	50.7	76.1
39	31.2	25.8	38.6





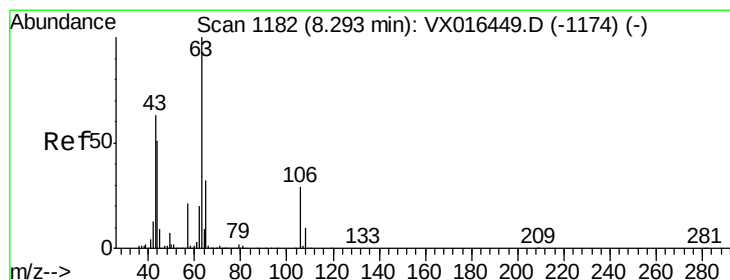
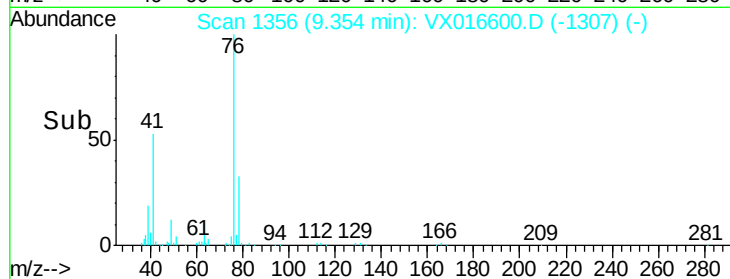
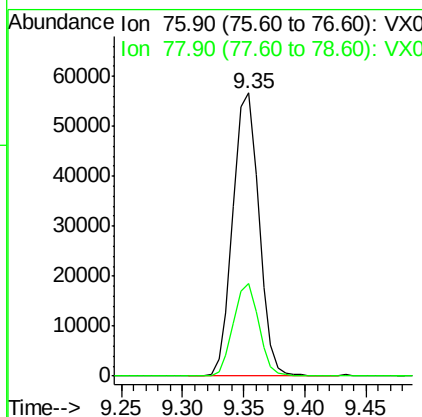
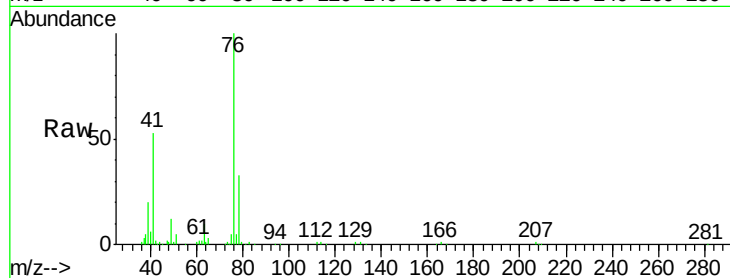
#57
 1,3-Dichloropropane
 Concen: 19.155 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

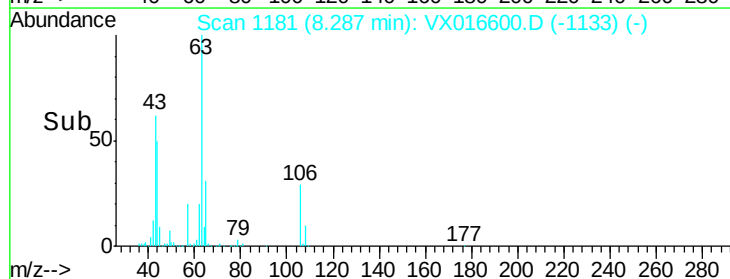
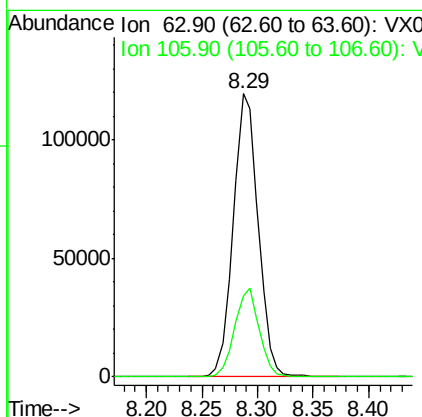
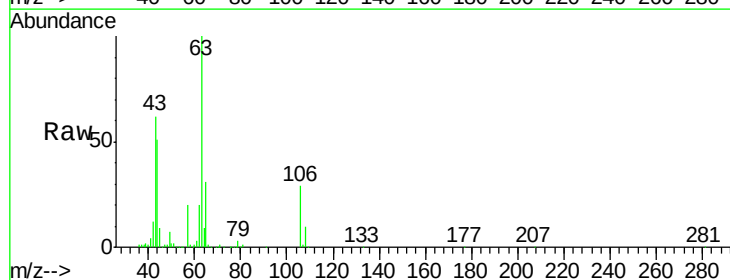
Manual Integrations
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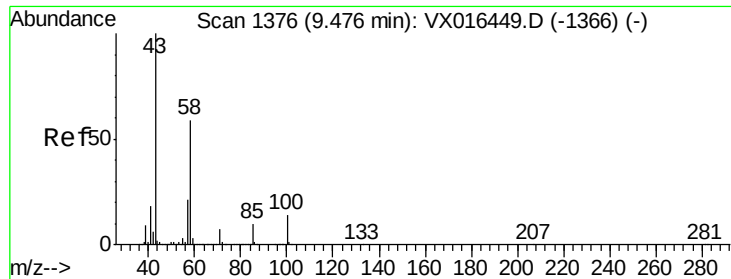
MMDadoda
 6/8/2020 4:55:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.186 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	23.2	34.8





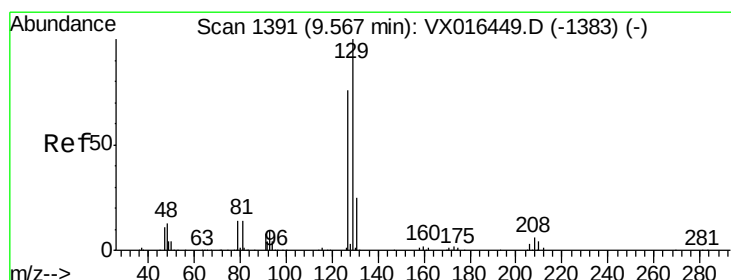
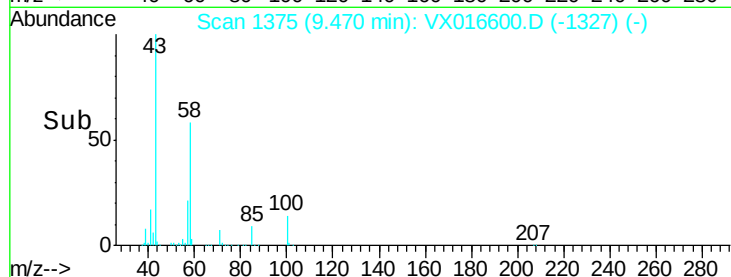
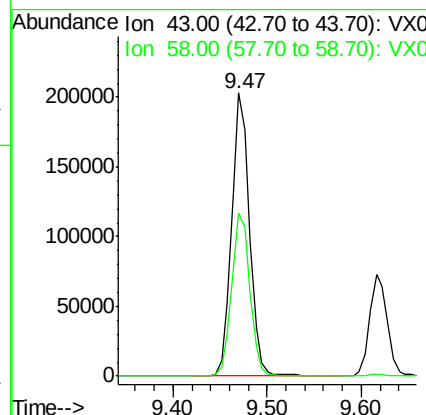
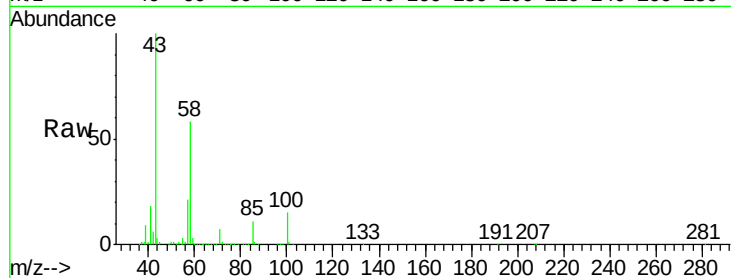
#59
2-Hexanone
Concen: 86.185 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.9	28.8	86.4

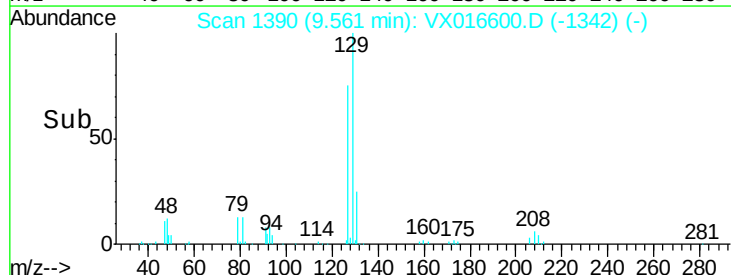
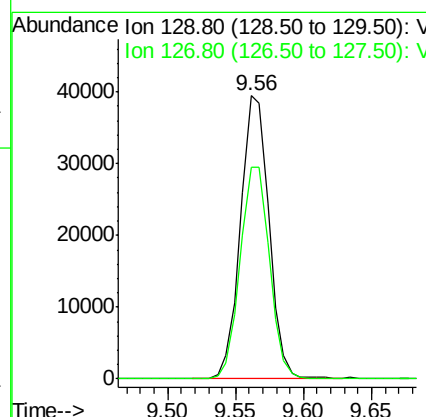
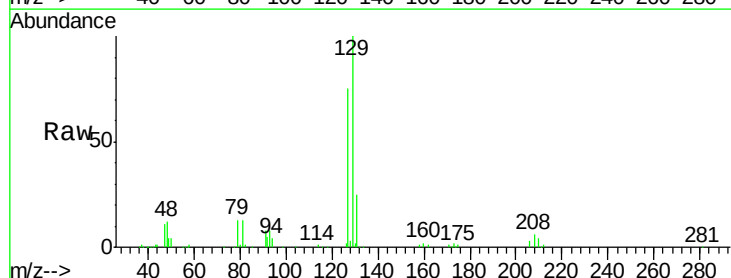
Manual Integrations
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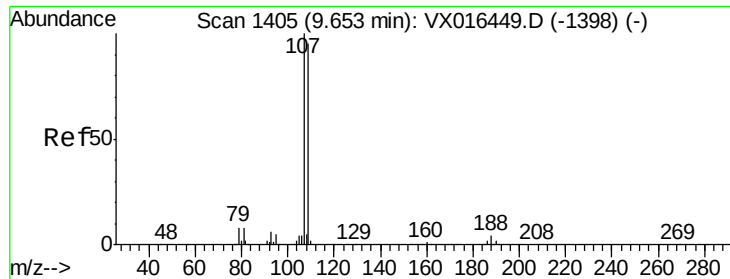
MMDadoda
6/8/2020 4:55:39 PM



#60
Dibromochloromethane
Concen: 20.105 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	116.0





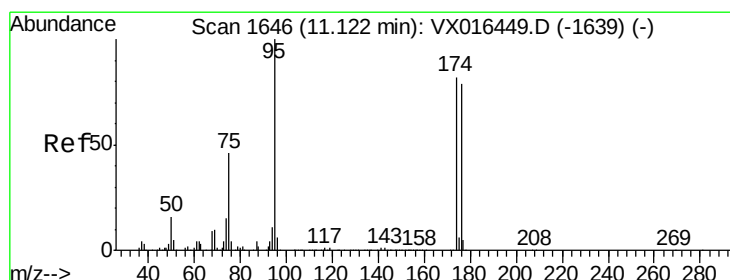
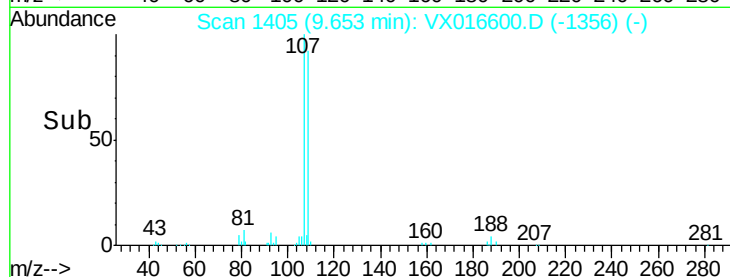
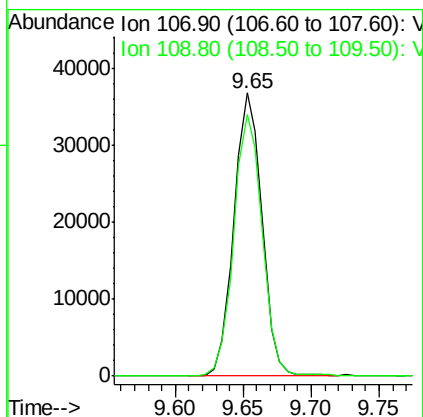
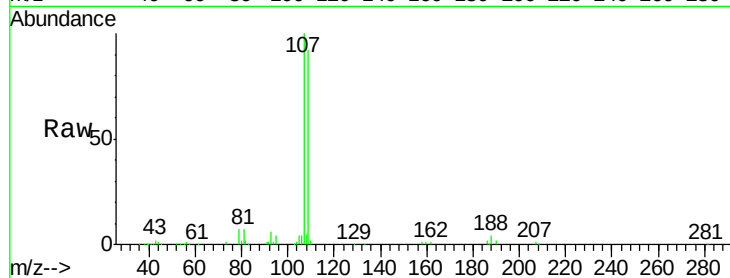
#61
 1,2-Dibromoethane
 Concen: 19.304 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.5	113.3

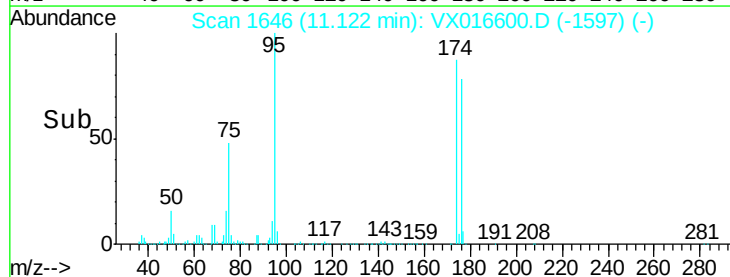
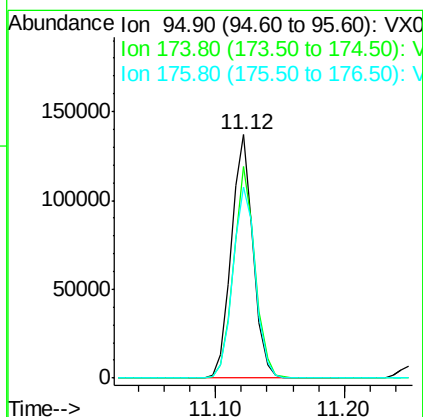
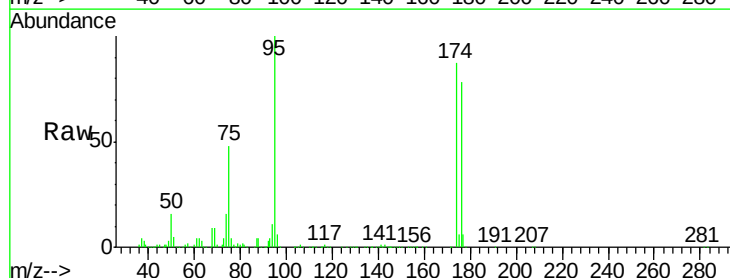
Manual Integrations
 APPROVED

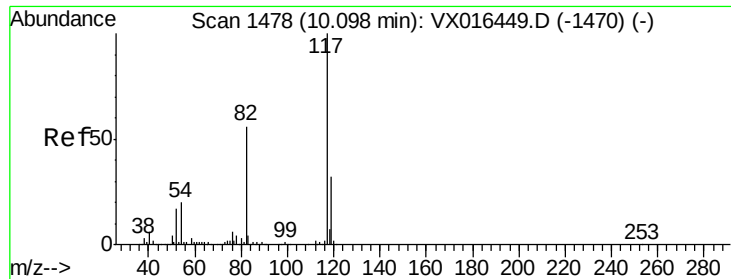
MMDadoda
 6/8/2020 4:55:39 PM



#62
 4-Bromofluorobenzene
 Concen: 48.361 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	163.0
176	81.7	0.0	156.8





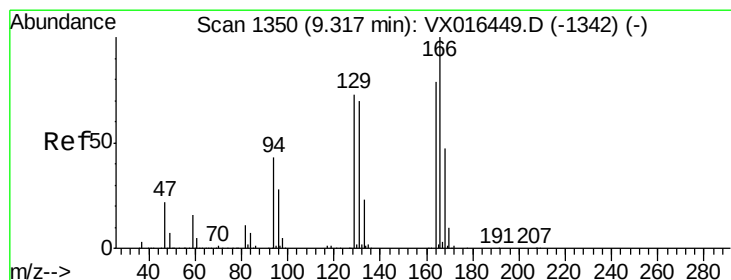
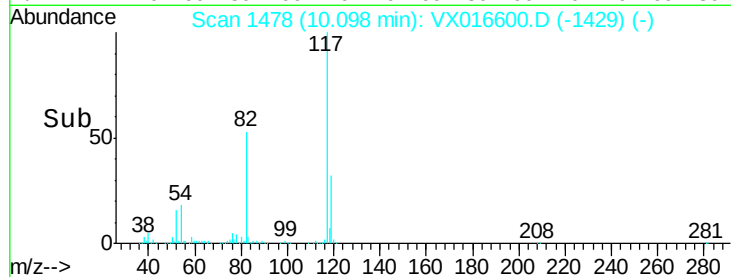
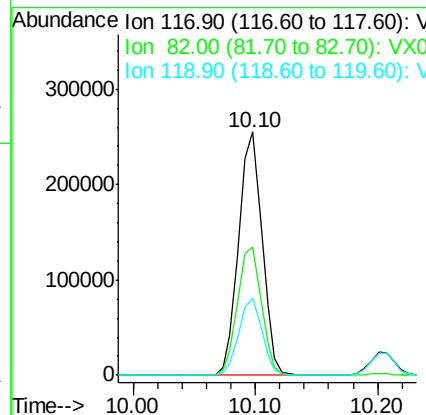
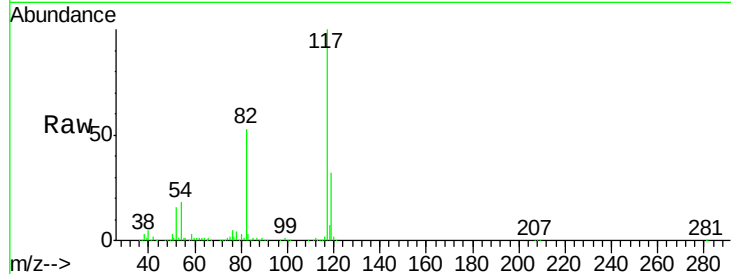
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.6
119	31.7	25.8	38.8

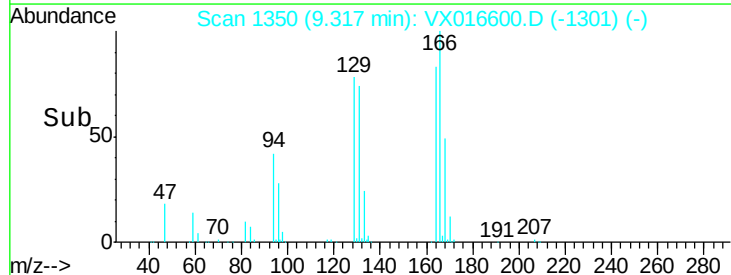
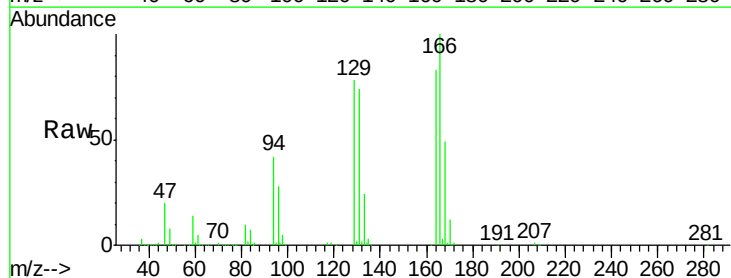
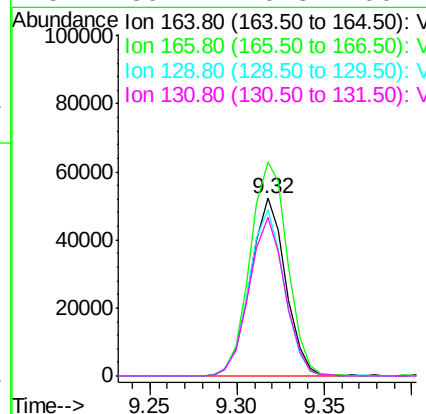
Manual Integrations
APPROVED

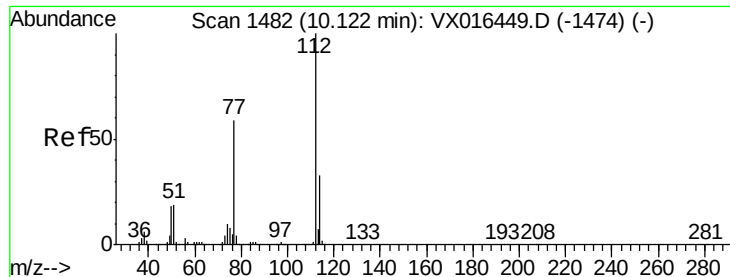
MMDadoda
6/8/2020 4:55:39 PM



#64
Tetrachloroethene
Concen: 19.405 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.4	100.9	151.3
129	93.8	73.2	109.8
131	89.4	70.8	106.2





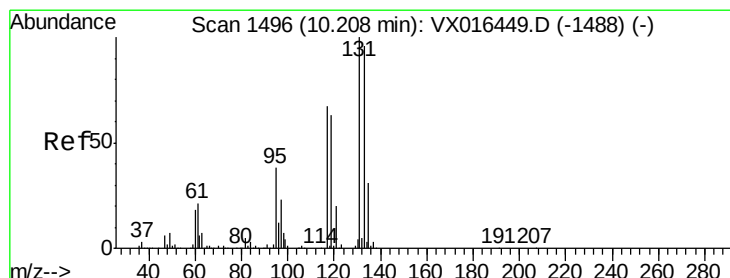
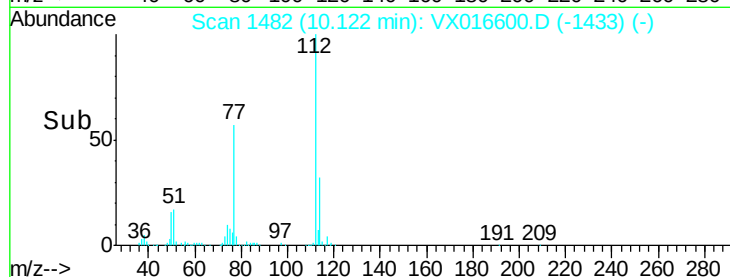
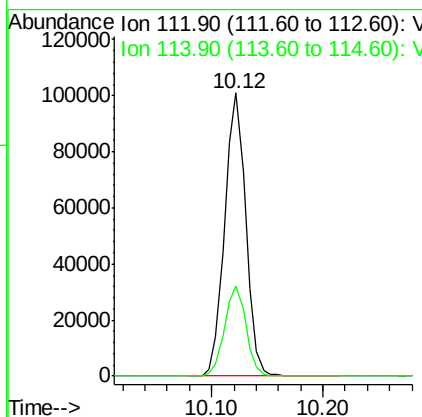
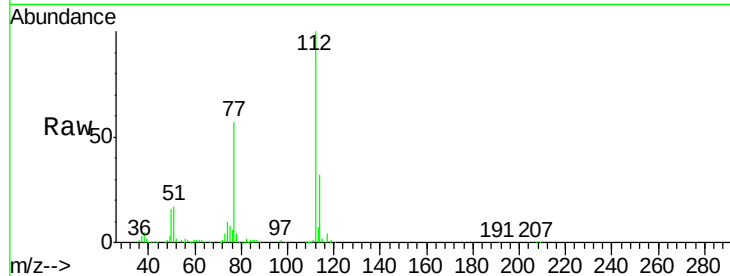
#65
Chlorobenzene
Concen: 19.220 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.0	39.0

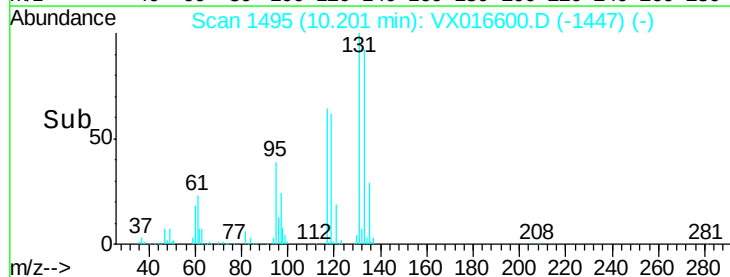
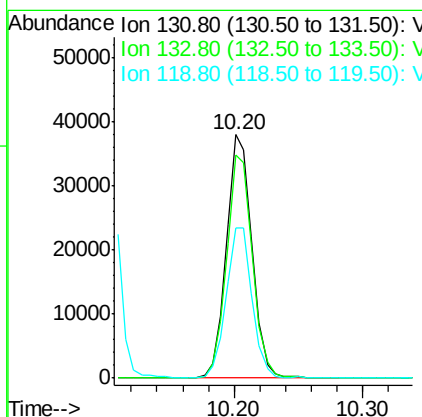
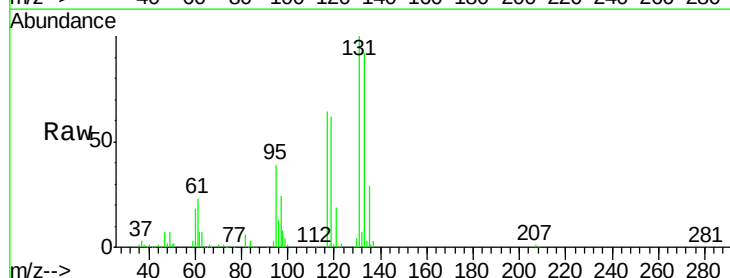
Manual Integrations
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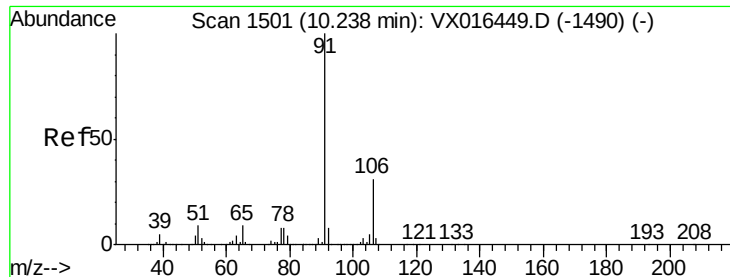
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.025 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	48.4	145.3
119	63.0	32.0	96.2





#67

Ethyl Benzene

Concen: 18.774 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 91 Resp: 230457

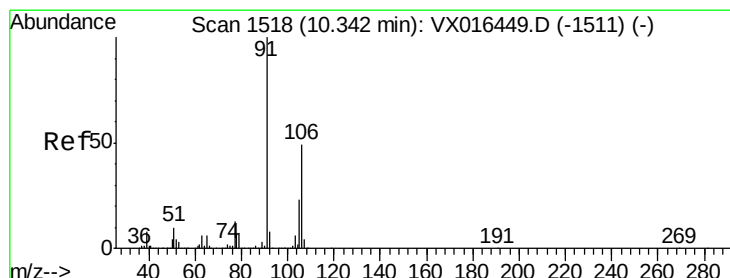
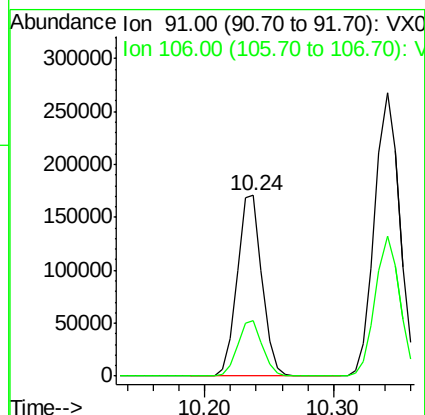
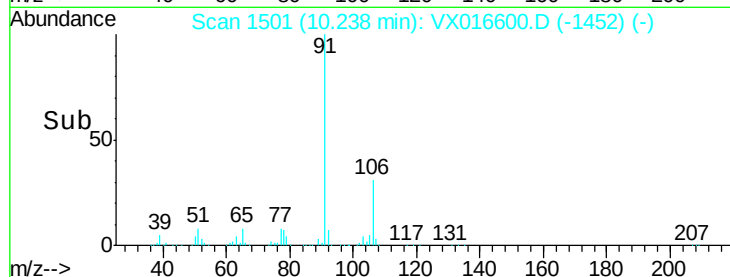
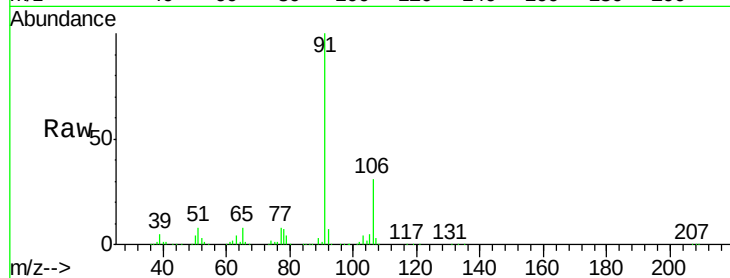
Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.398 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016600.D

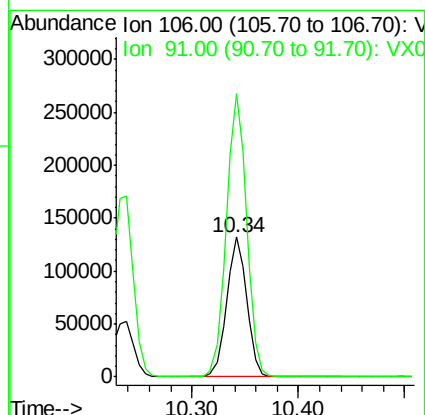
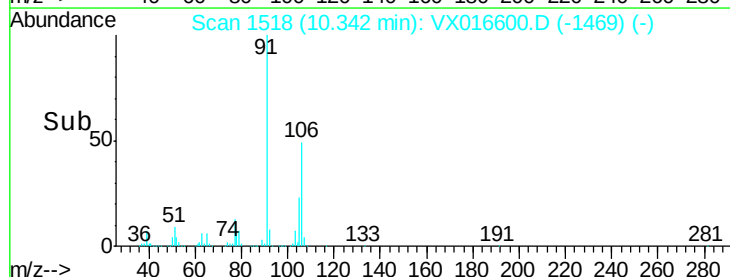
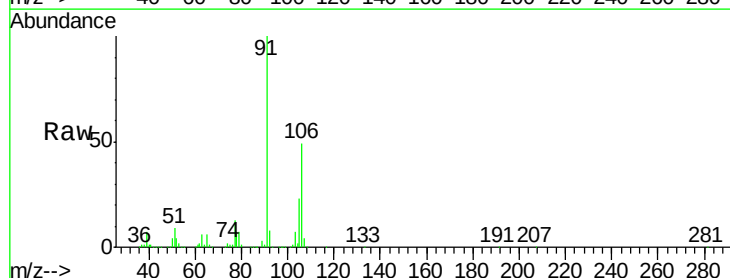
Acq: 05 Jun 2020 10:49

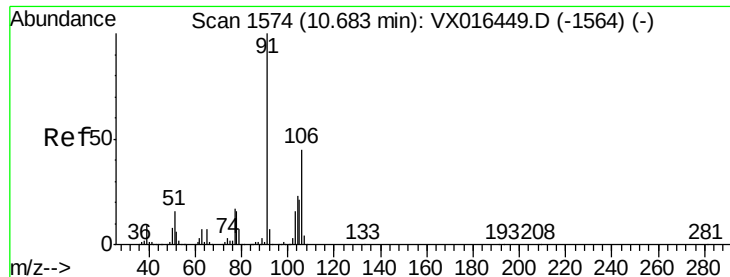
Tgt Ion: 106 Resp: 174763

Ion Ratio Lower Upper

106 100

91 204.8 163.8 245.8





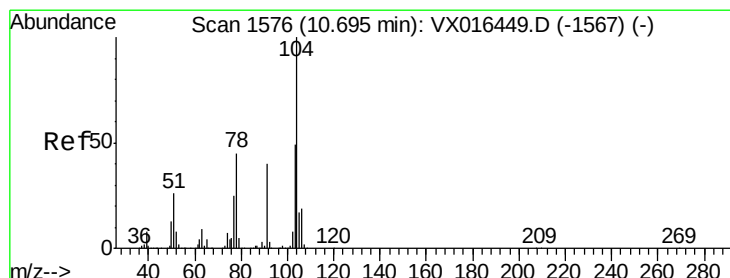
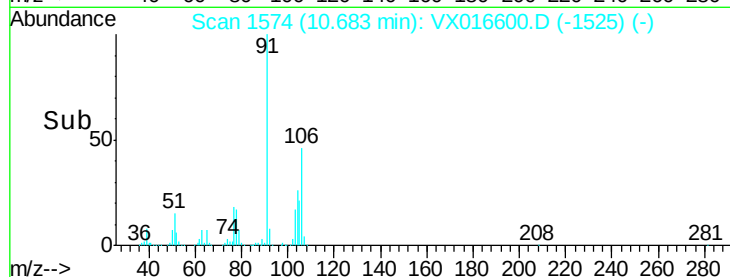
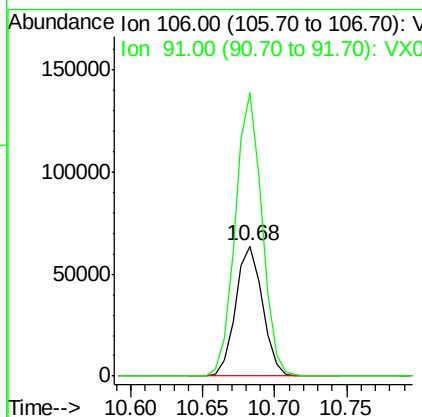
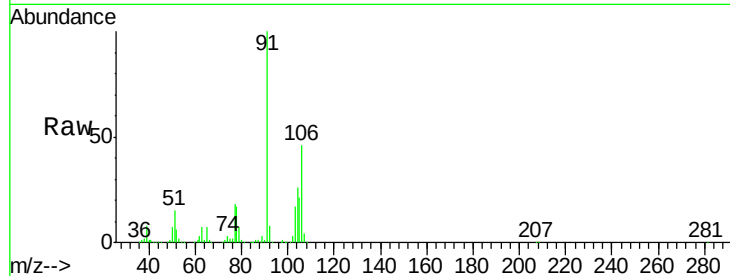
#69
o-Xylene
Concen: 18.924 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	215.2	109.6	328.8

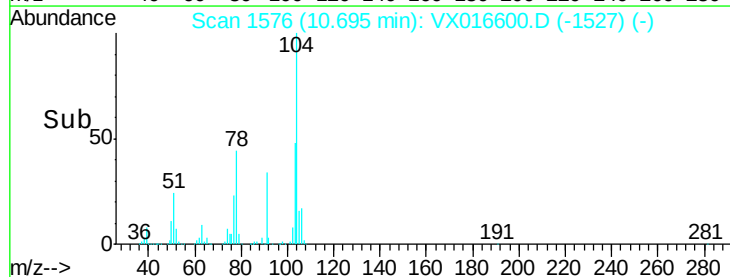
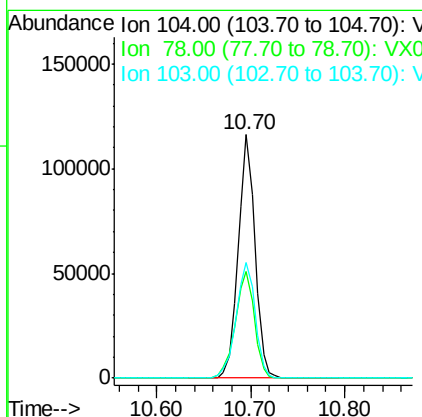
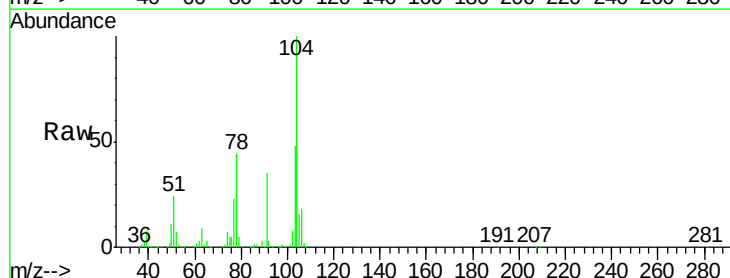
Manual Integrations
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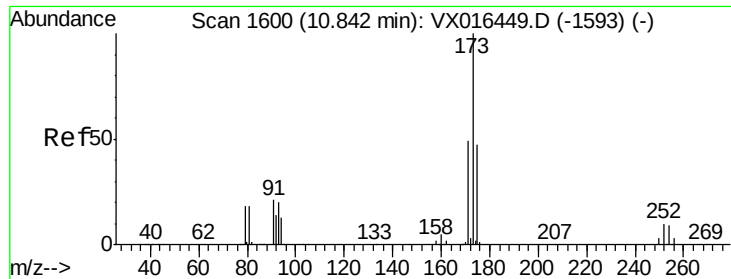
MMDadoda
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#70
Styrene
Concen: 18.953 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.1	40.2	60.2
103	103	54.3	43.1	64.7





#71

Bromoform

Concen: 19.597 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion:173 Resp: 43589

Ion Ratio Lower Upper

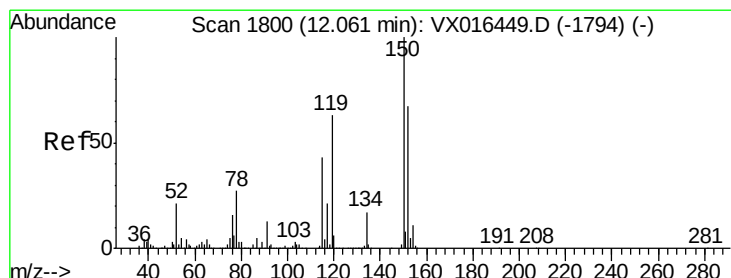
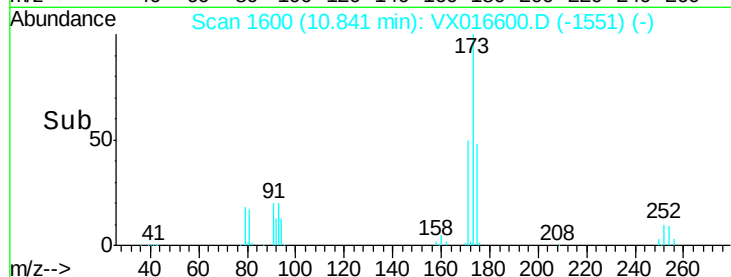
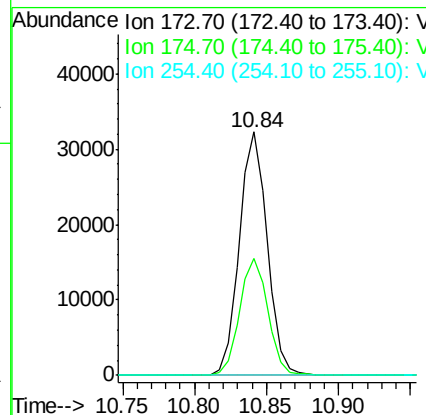
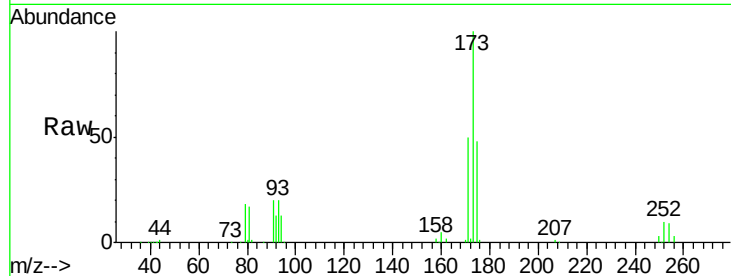
173 100

175 48.7 23.9 71.7

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

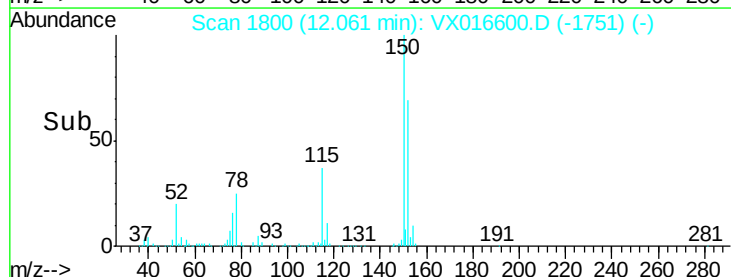
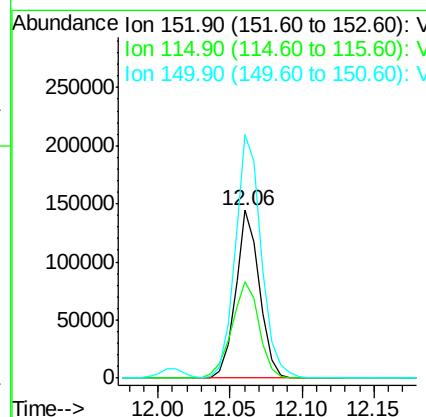
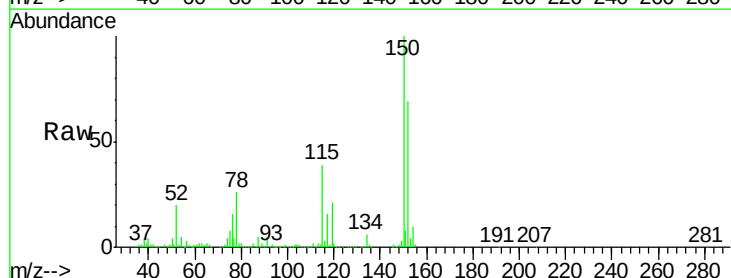
Tgt Ion:152 Resp: 167008

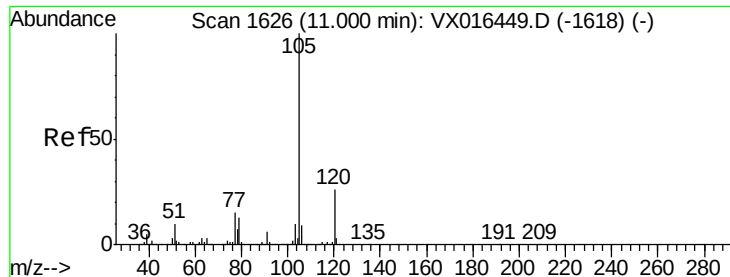
Ion Ratio Lower Upper

152 100

115 66.0 39.9 119.6

150 159.1 0.0 341.0





#73

Isopropylbenzene

Concen: 19.464 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 105 Resp: 225227

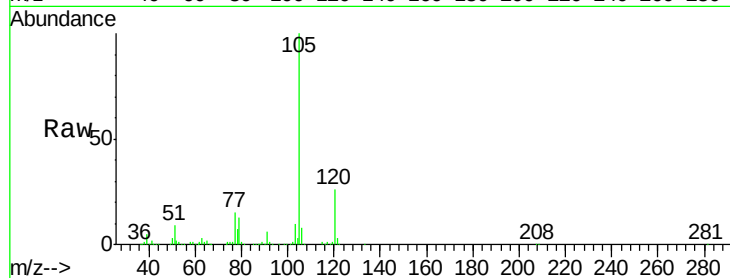
Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3

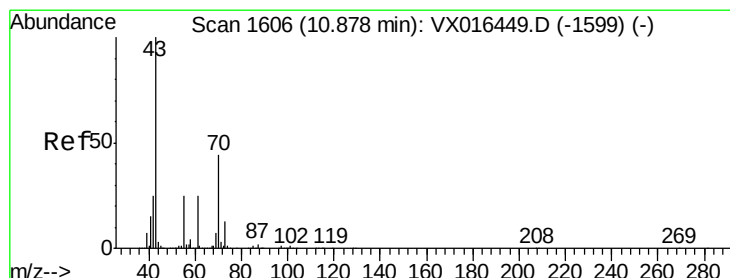
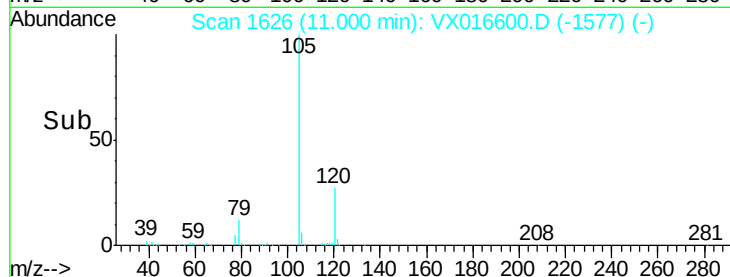
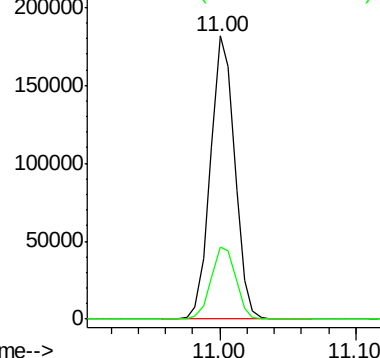
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.079 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion: 43 Resp: 90903

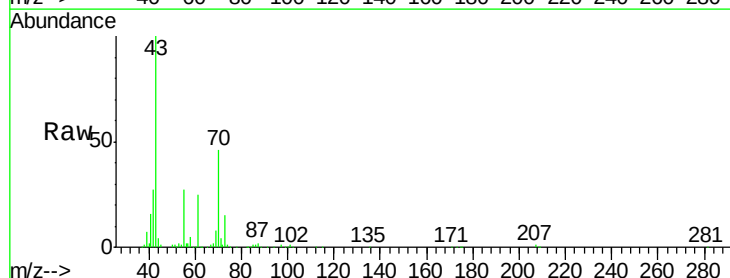
Ion Ratio Lower Upper

43 100

70 48.1 36.1 54.1

55 26.6 20.2 30.4

61 25.5 20.3 30.5

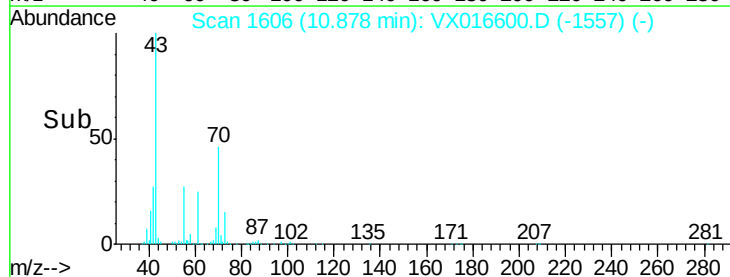
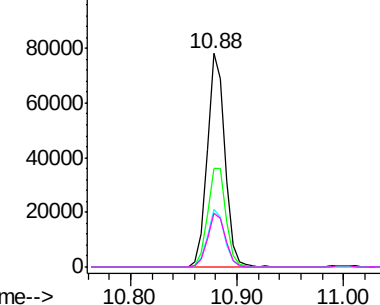


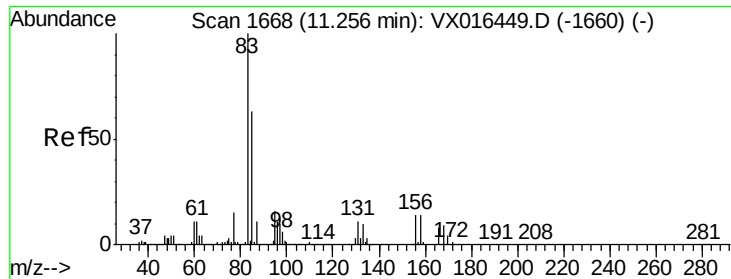
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.897 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

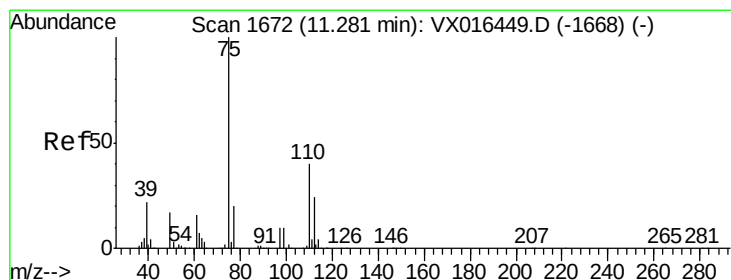
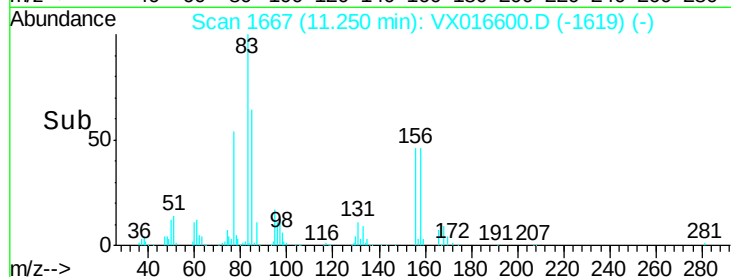
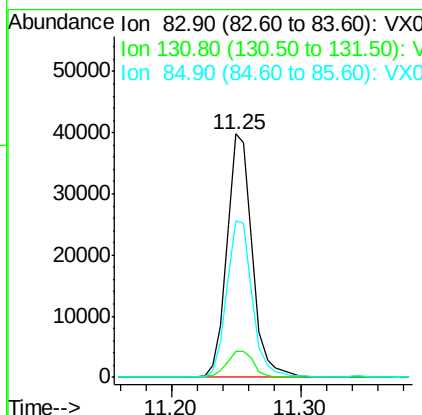
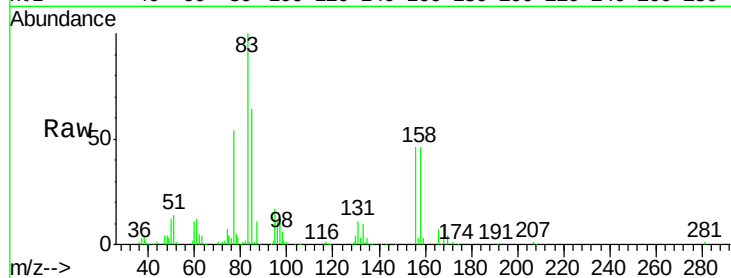
ClientSampled :

VX0605WBS01

Tot Ion:	83	Resp:	54804
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.1	15.3
85	65.1	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 15.936 ug/l m

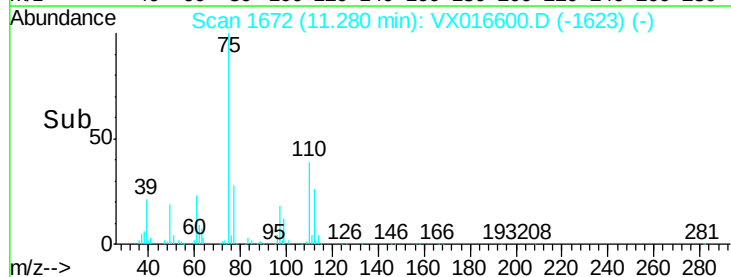
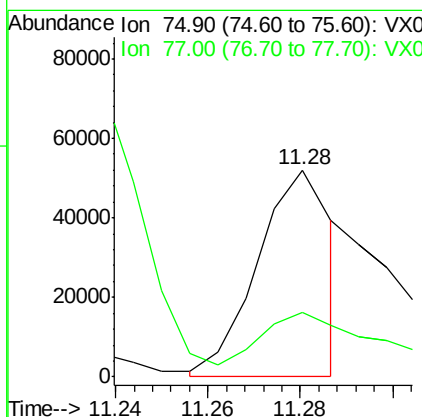
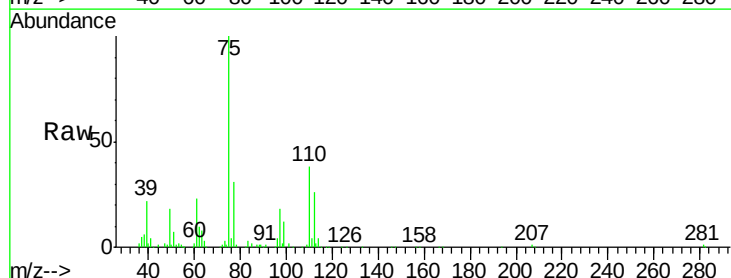
RT: 11.28 min Scan# 1672

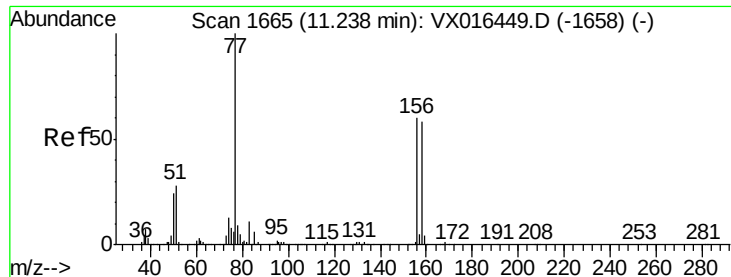
Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	75	Resp:	58499
Ion	Ratio	Lower	Upper
75	100		
77	49.0	21.3	63.7





#77

Bromobenzene

Concen: 19.359 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

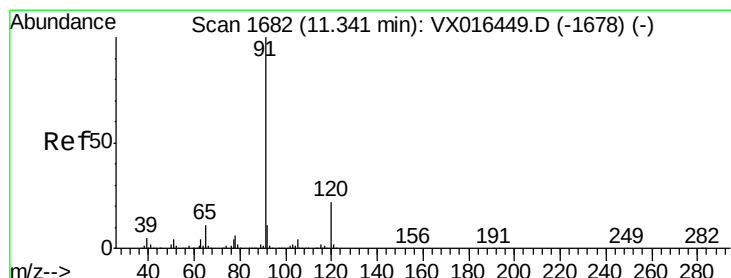
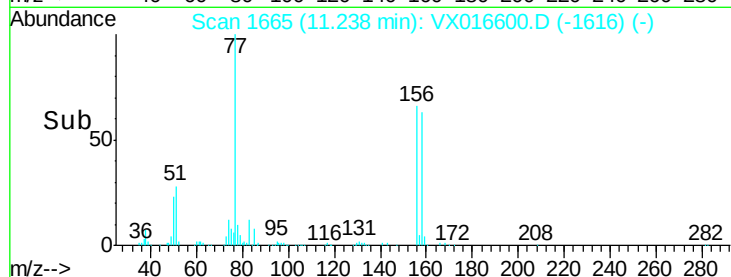
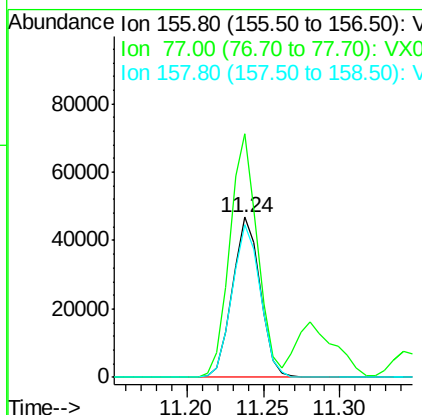
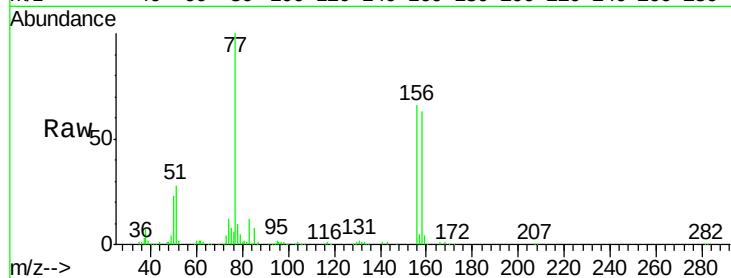
ClientSampleId :

VX0605WBS01

Tot Ion:	156	Resp:	58756
Ion	Ratio	Lower	Upper
156	100		
77	152.3	79.6	238.8
158	97.1	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.051 ug/l

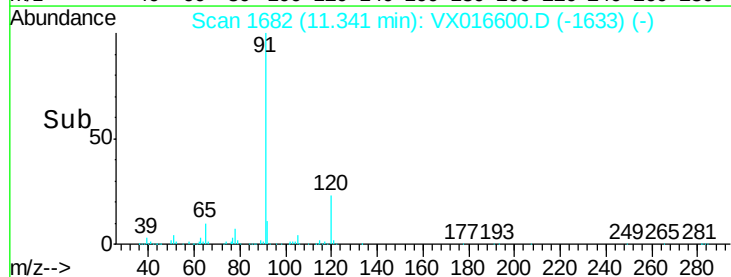
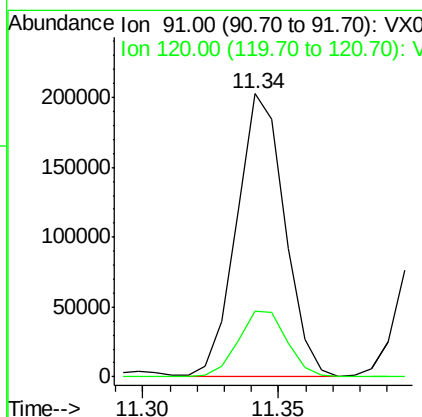
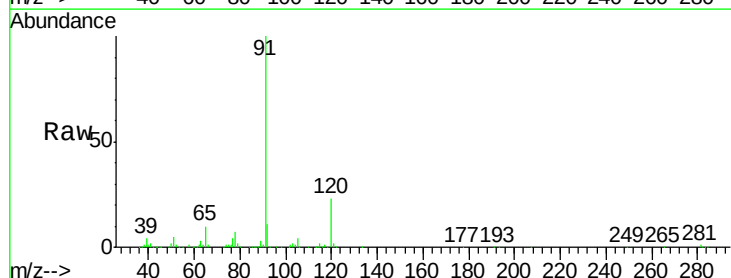
RT: 11.34 min Scan# 1682

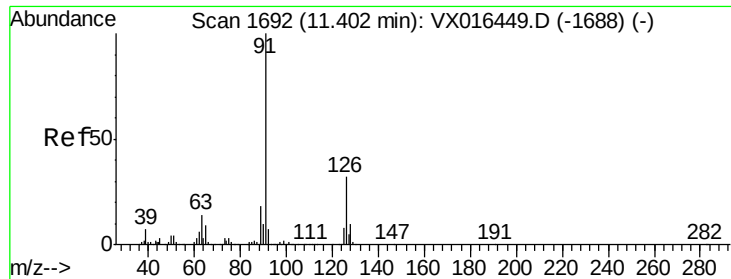
Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Tgt Ion:	91	Resp:	246293
Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.7





#79

2-Chlorotoluene

Concen: 19.277 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion: 91 Resp: 152121

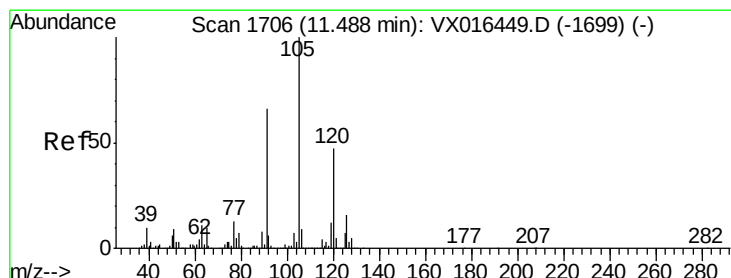
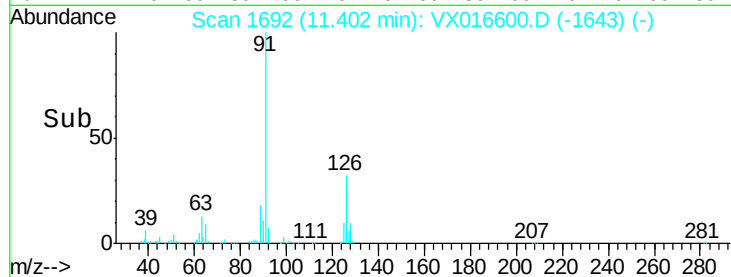
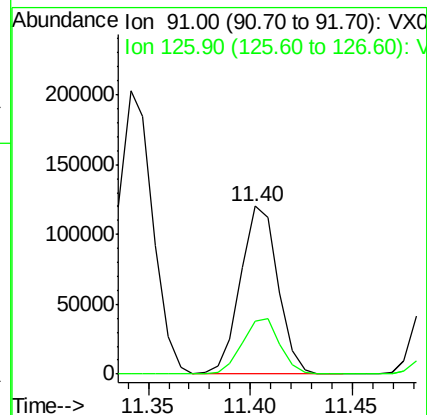
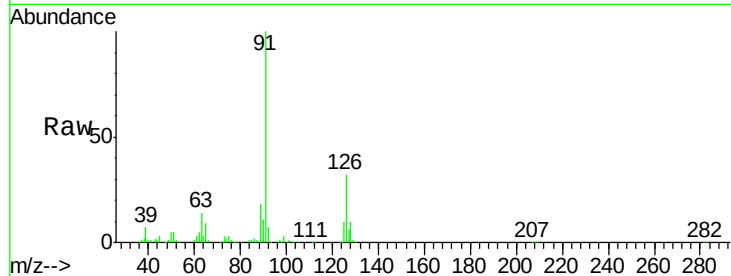
Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.3

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.395 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016600.D

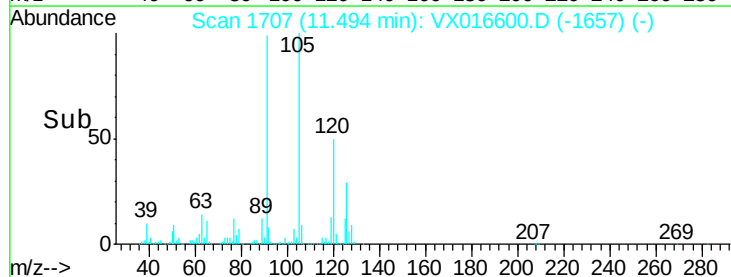
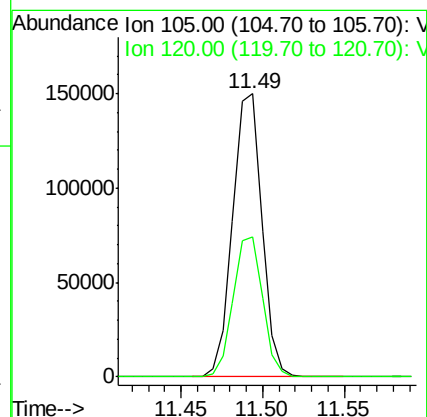
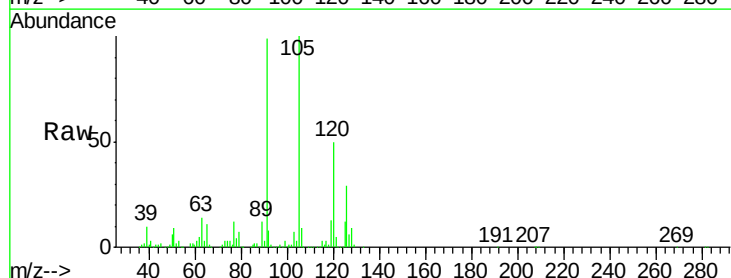
Acq: 05 Jun 2020 10:49

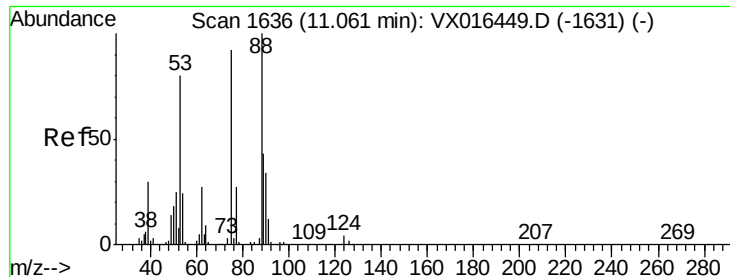
Tgt Ion: 105 Resp: 187399

Ion Ratio Lower Upper

105 100

120 49.9 24.3 72.8





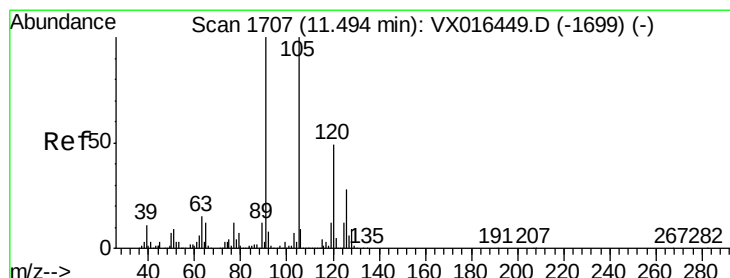
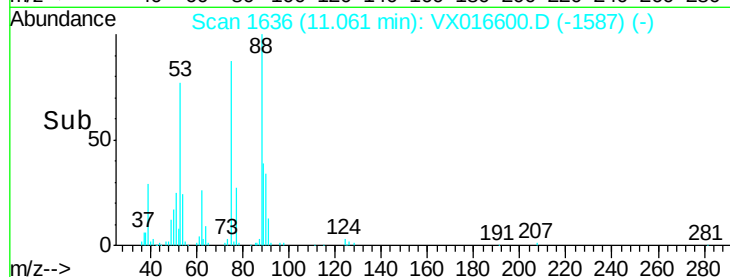
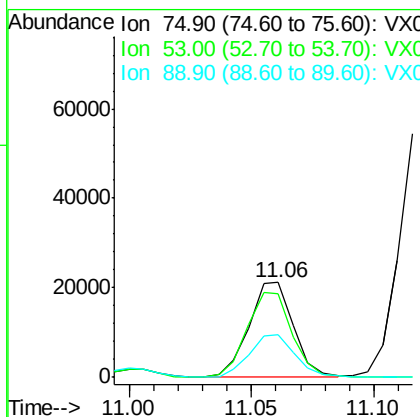
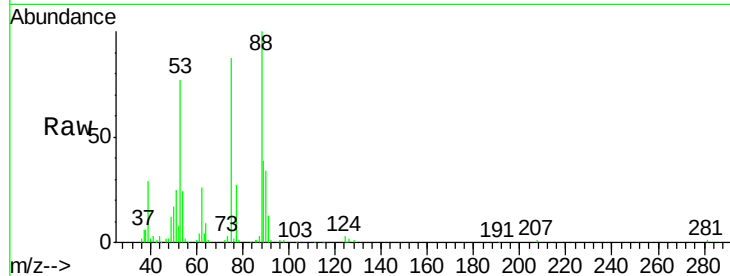
#81
trans-1,4-Dichloro-2-butene
Concen: 17.843 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.1	71.3	106.9
89	47.9	36.6	55.0

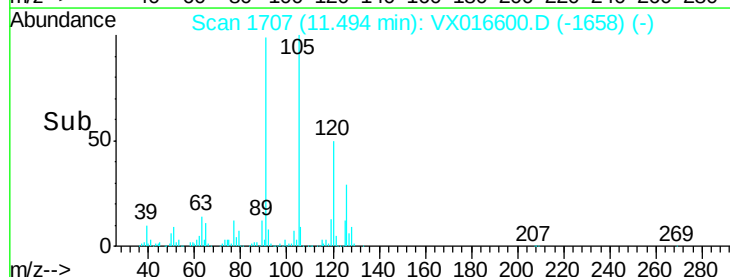
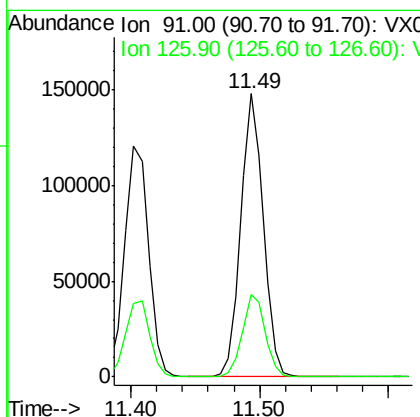
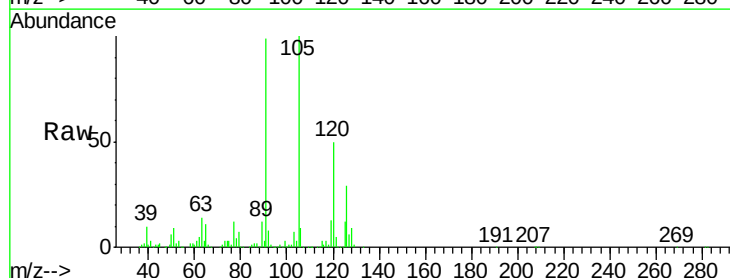
Manual Integrations
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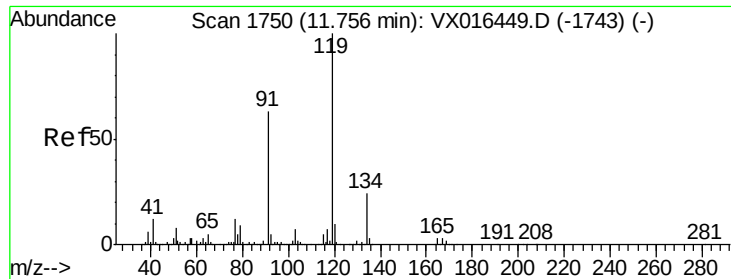
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.195 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.7	44.1





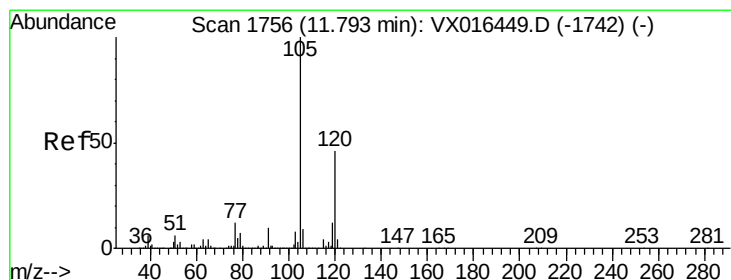
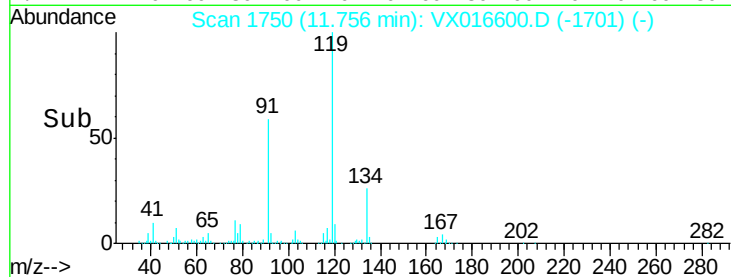
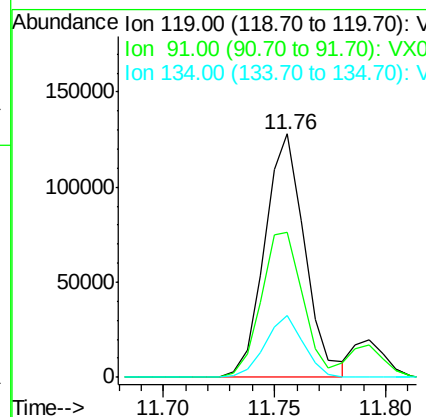
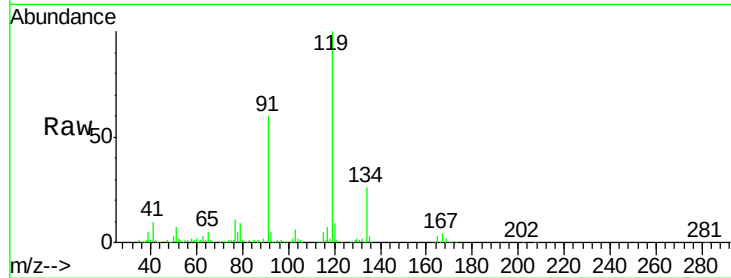
#83
 tert-Butylbenzene
 Concen: 19.432 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	160430		
91	61.7	31.3	93.8	
134	24.2	12.0	36.0	

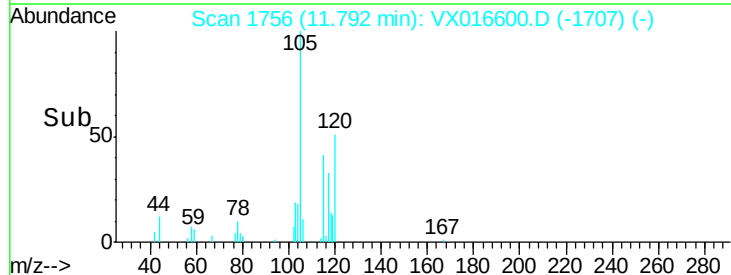
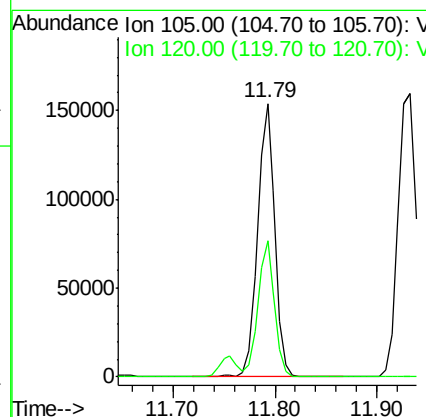
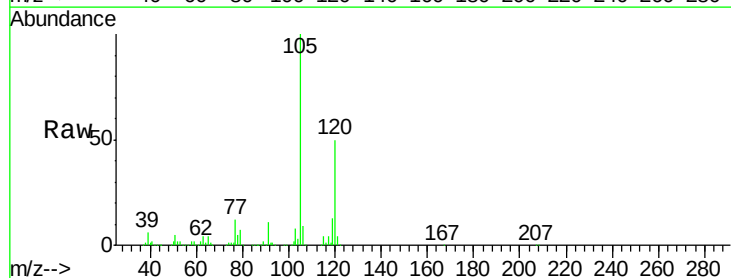
Manual Integrations
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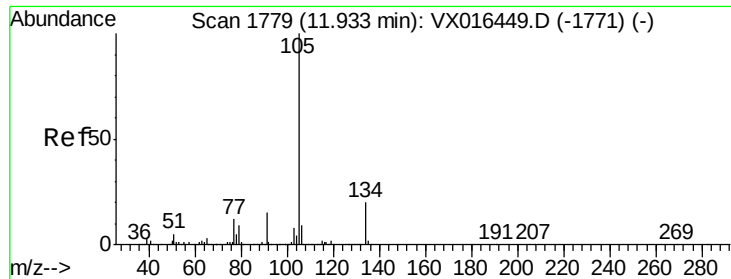
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.747 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183189		
120	47.3	22.6	67.7	





#85

sec-Butylbenzene

Concen: 19.380 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBS01

Tot Ion:105 Resp: 200708

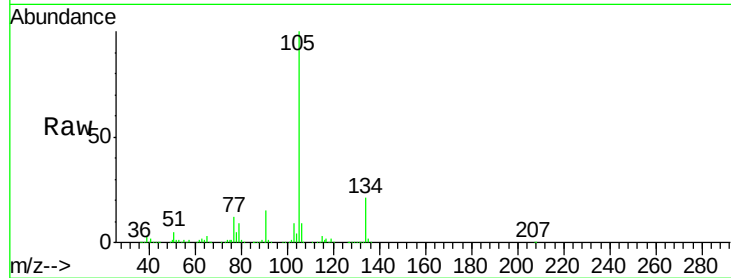
Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.3

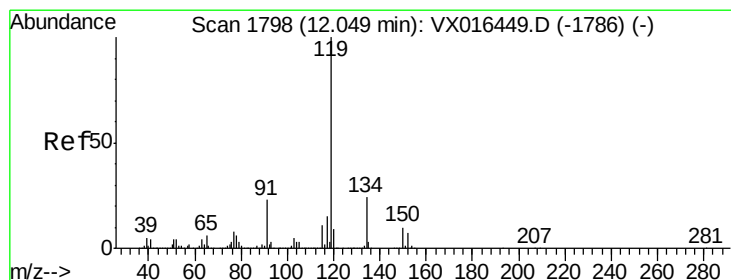
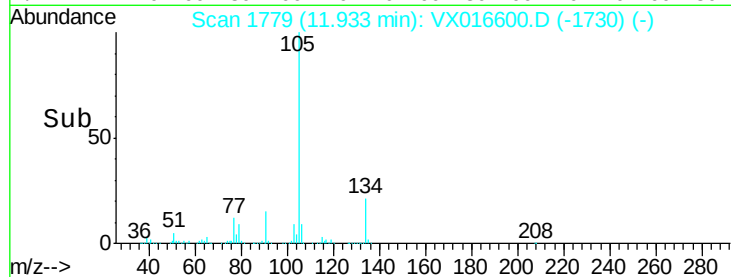
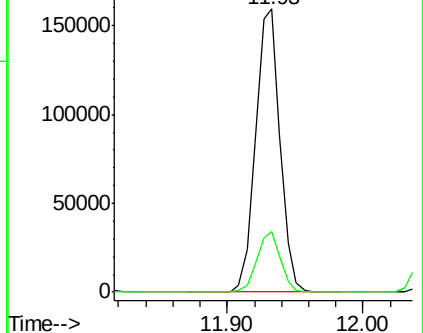
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.449 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016600.D

Acq: 05 Jun 2020 10:49

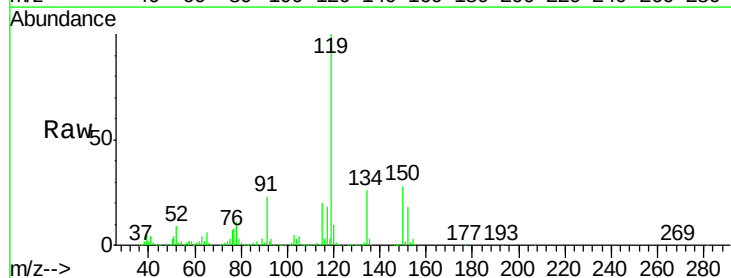
Tgt Ion:119 Resp: 188686

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

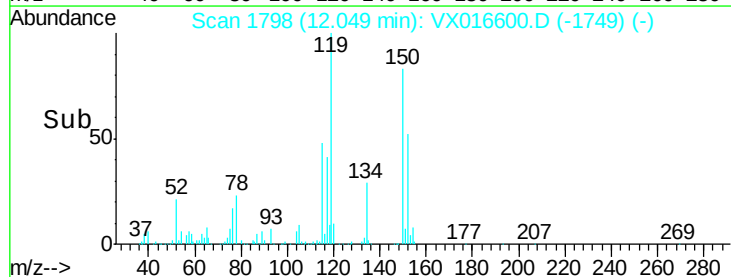
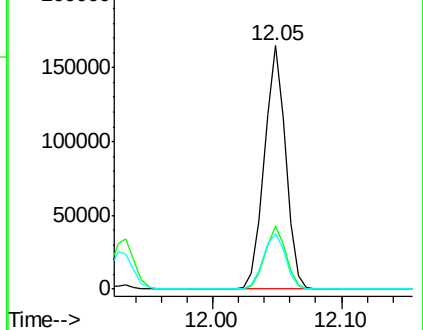
91 24.3 11.7 35.0

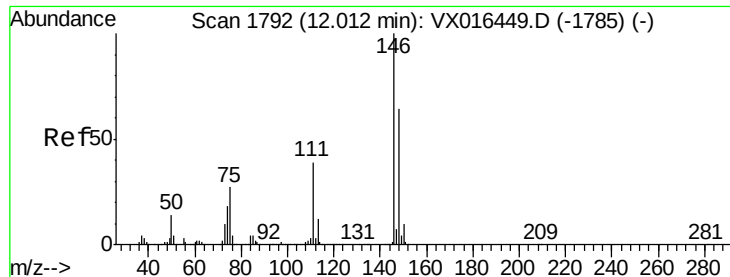


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





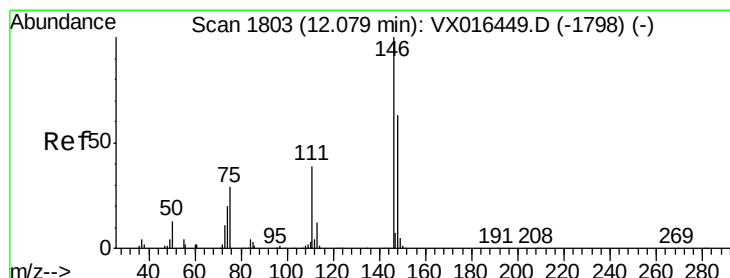
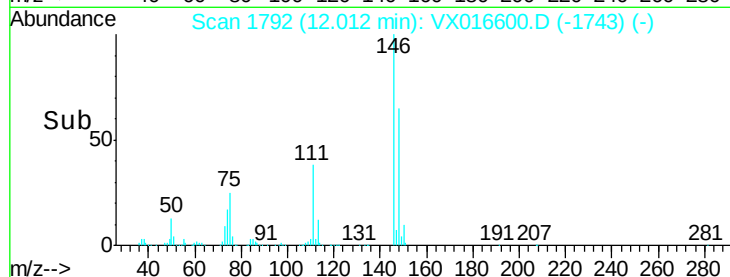
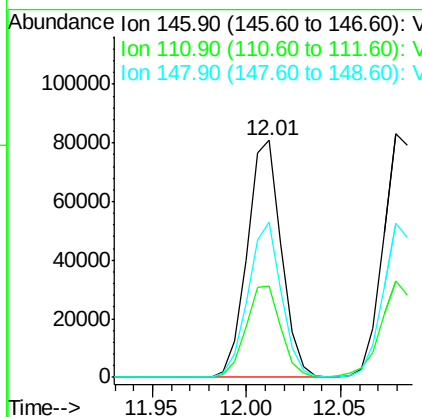
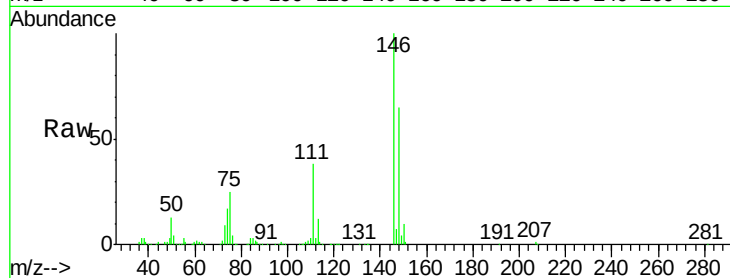
#87
 1,3-Dichlorobenzene
 Concen: 19.293 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	64.0	31.9	95.5

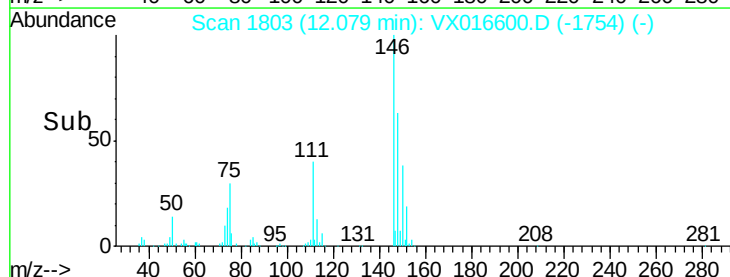
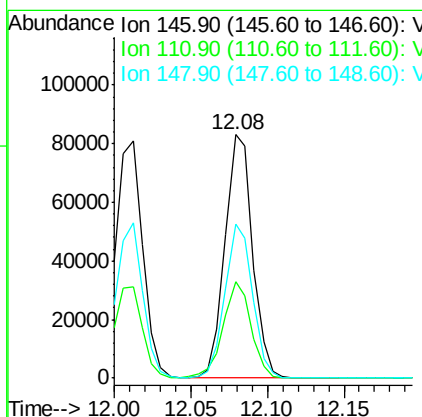
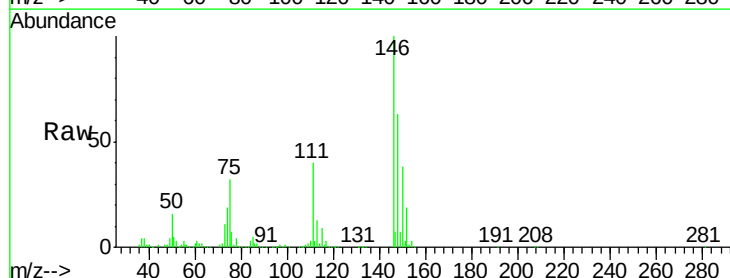
Manual Integrations
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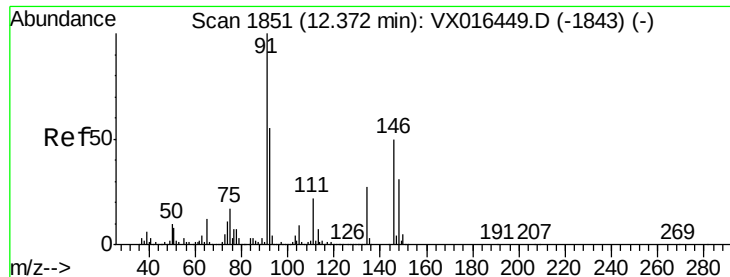
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#88
 1,4-Dichlorobenzene
 Concen: 19.322 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.2
148	63.4	31.4	94.3





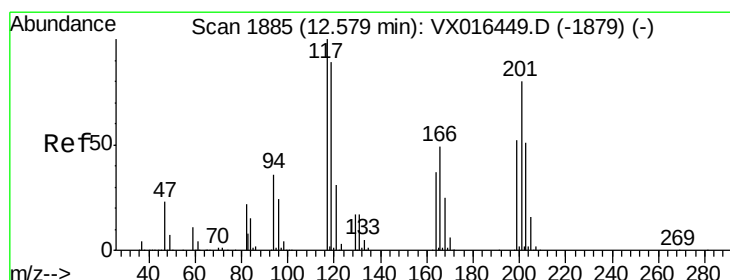
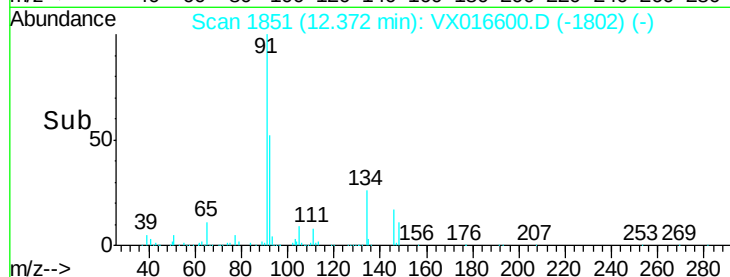
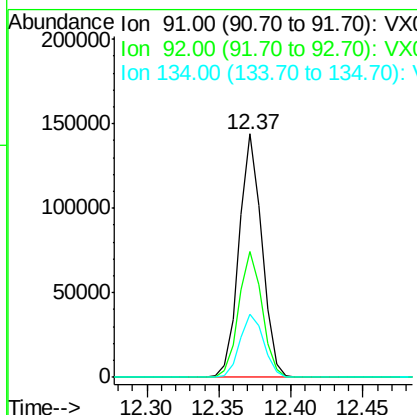
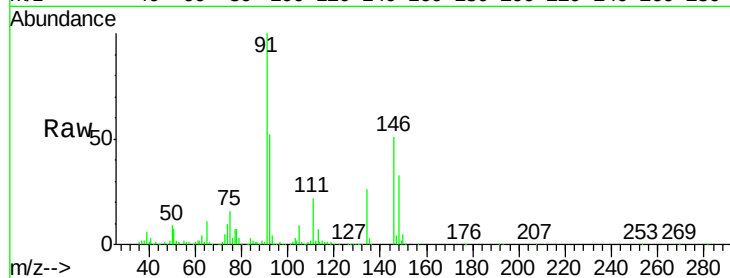
#89
n-Butylbenzene
Concen: 19.691 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	159115		
92	53.0	27.2	81.5	
134	26.9	13.1	39.3	

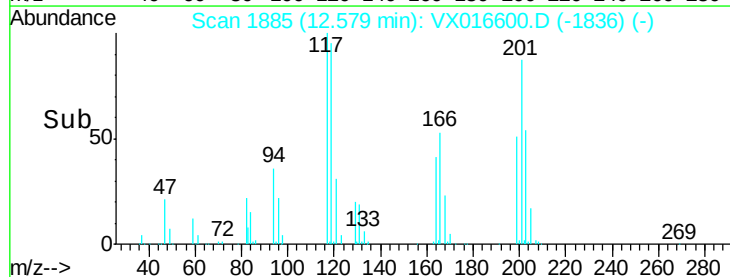
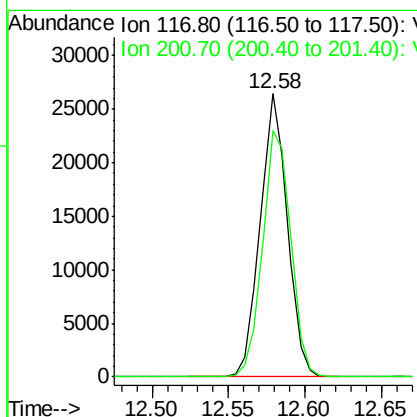
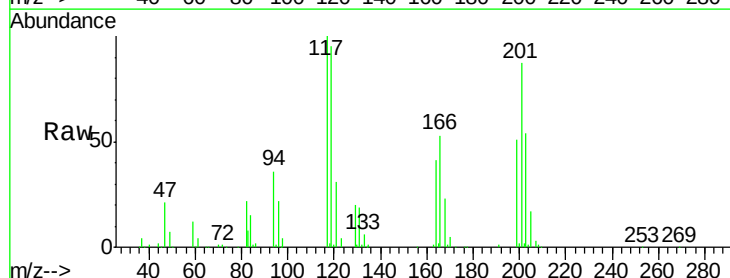
Manual Integrations
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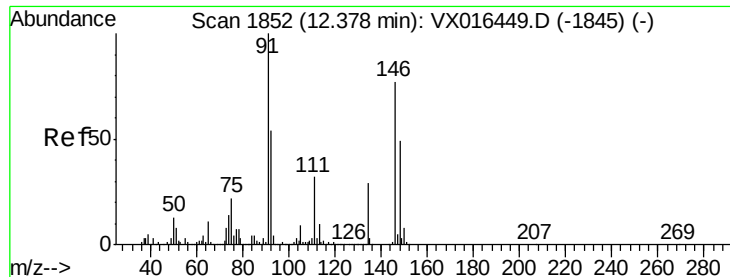
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#90
Hexachloroethane
Concen: 19.622 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32881		
201	90.4	43.1	129.3	





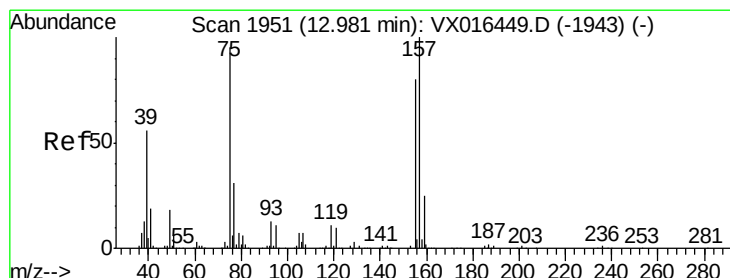
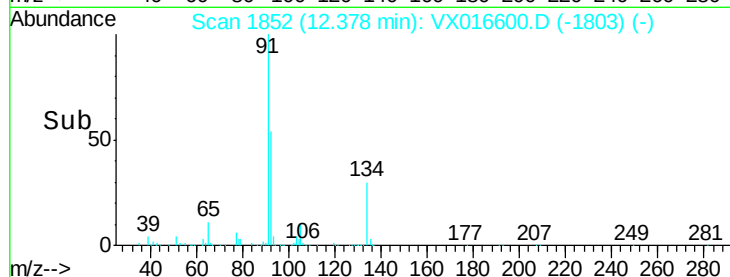
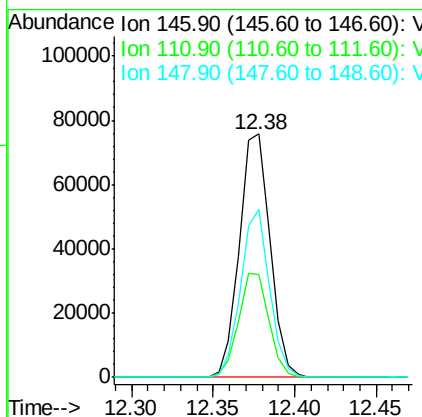
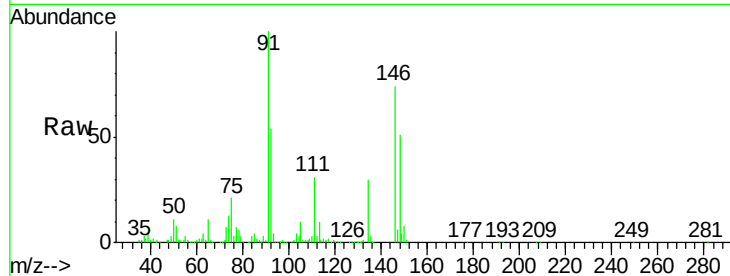
#91
 1,2-Dichlorobenzene
 Concen: 19.571 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	64.9	31.9	95.7

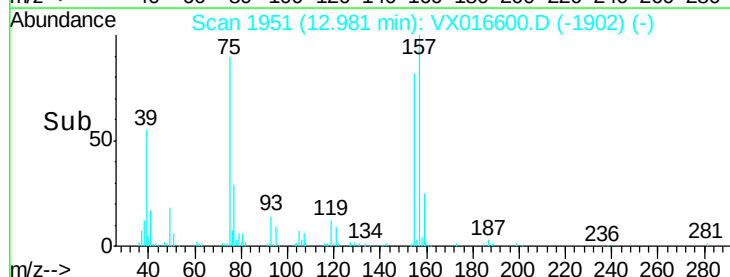
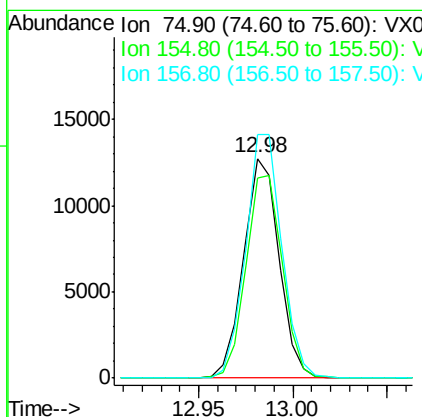
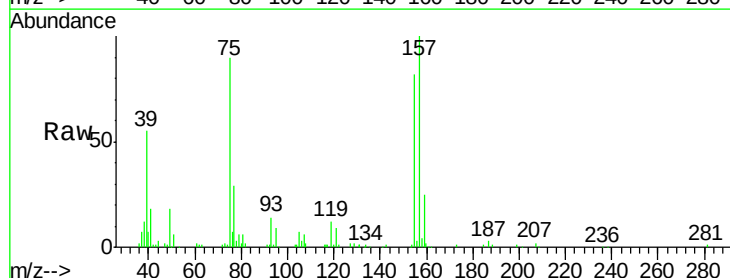
Manual Integrations
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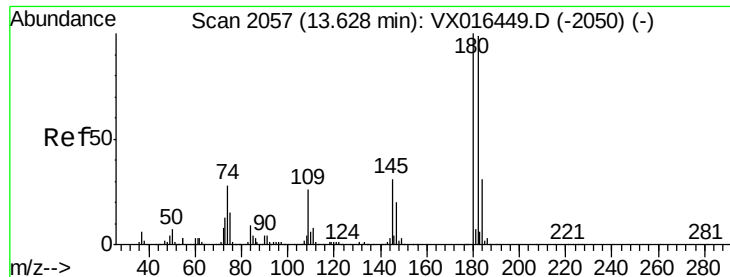
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 6/8/2020 4:55:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.706 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	44.1	132.4
157	113.1	57.8	173.3





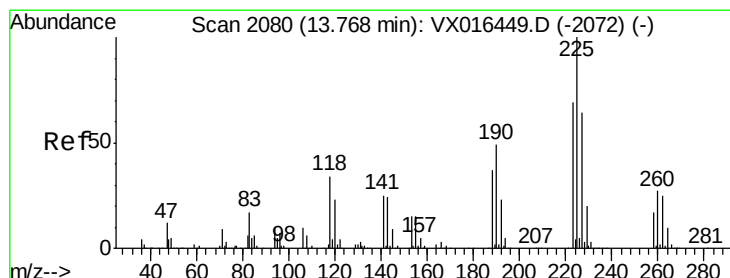
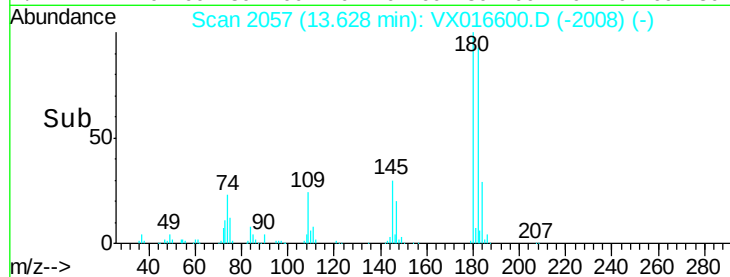
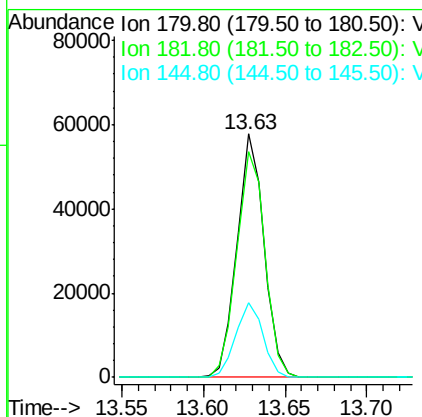
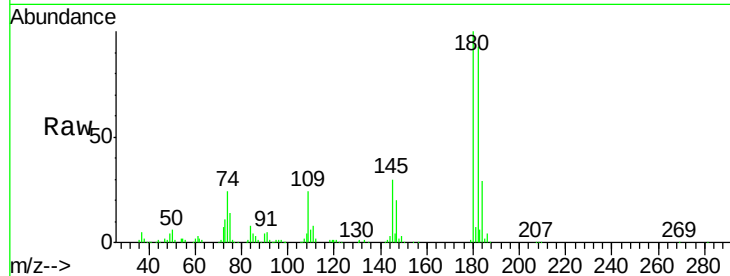
#93
 1,2,4-Trichlorobenzene
 Concen: 19.721 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	66722		
182	96.7	48.3	144.8	
145	30.9	15.4	46.2	

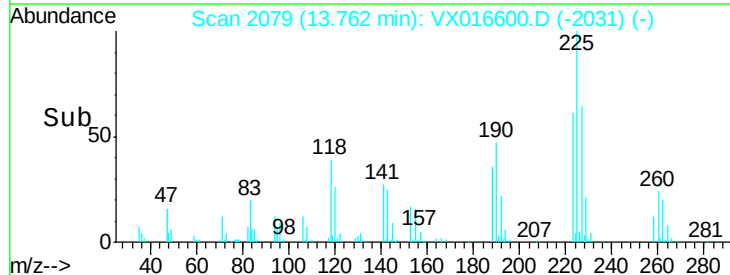
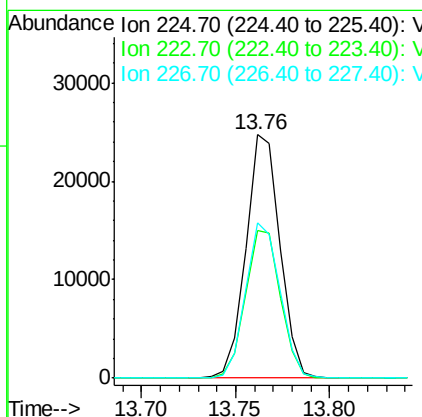
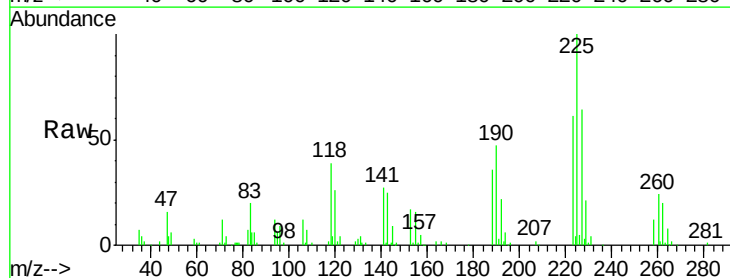
Manual Integrations
 APPROVED

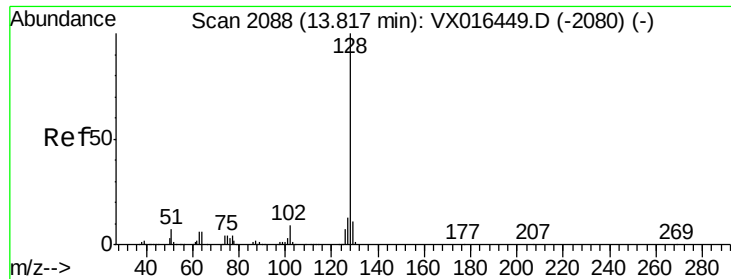
MMDadoda
 6/8/2020 4:55:39 PM



#94
 Hexachlorobutadiene
 Concen: 23.272 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016600.D
 Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30914		
223	62.5	32.3	96.8	
227	64.5	31.6	94.7	





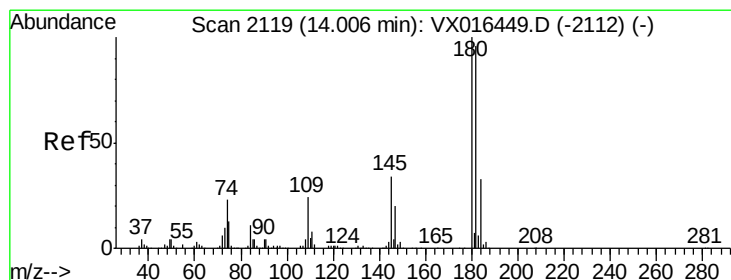
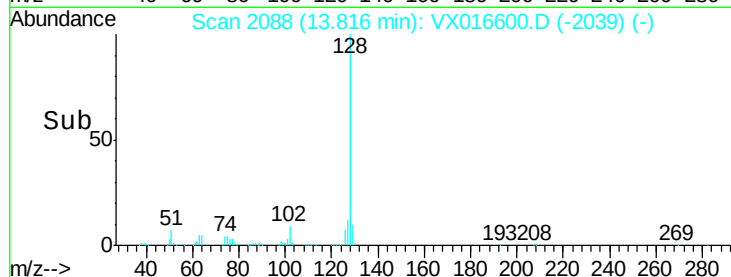
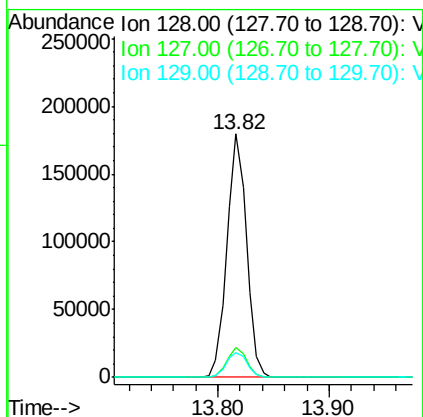
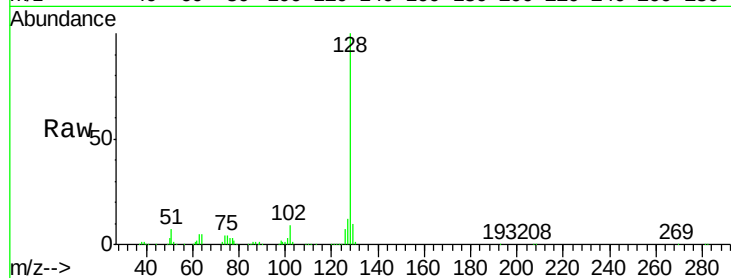
#95
Naphthalene
Concen: 18.848 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	15.8
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 4:55:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.256 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016600.D
Acq: 05 Jun 2020 10:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.6	145.8
145	32.1	16.6	49.8

