

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052120\
 Data File : VX016379.D
 Acq On : 21 May 2020 13:33
 Operator : JC/SP
 Sample : VX0521WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:02:57 PM

Quant Time: May 22 08:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	249495	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	397316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	362495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147103	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	5.46	113	122345	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.70	98	471990	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.12	95	178421	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45194	17.114	ug/l	100
3) Chloromethane	1.31	50	46280	15.090	ug/l	95
4) Vinyl Chloride	1.39	62	54784	16.743	ug/l	98
5) Bromomethane	1.63	94	32244	19.547	ug/l	92
6) Chloroethane	1.71	64	33355	16.754	ug/l	96
7) Trichlorofluoromethane	1.92	101	73519	17.114	ug/l	99
8) Diethyl Ether	2.17	74	31509	17.409	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43173	17.420	ug/l	98
10) Methyl Iodide	2.49	142	35521	10.670	ug/l	99
11) Tert butyl alcohol	3.00	59	64179	77.304	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43288	16.691	ug/l	95
13) Acrolein	2.27	56	42522	81.849	ug/l	100
14) Allyl chloride	2.71	41	73585	15.474	ug/l	94
15) Acrylonitrile	3.11	53	141842	82.357	ug/l	99
16) Acetone	2.42	43	109269	74.592	ug/l	93
17) Carbon Disulfide	2.55	76	123769	15.750	ug/l	100
18) Methyl Acetate	2.75	43	61002	16.936	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161862	18.104	ug/l	99
20) Methylene Chloride	2.84	84	51146	16.937	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	50329	17.414	ug/l	94
22) Diisopropyl ether	3.82	45	149260	16.638	ug/l	90
23) Vinyl Acetate	3.78	43	648280	82.136	ug/l	97
24) 1,1-Dichloroethane	3.67	63	87763	17.488	ug/l	99
25) 2-Butanone	4.63	43	188407	79.816	ug/l	97
26) 2,2-Dichloropropane	4.55	77	77996	17.018	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	57624	18.238	ug/l	96
28) Bromochloromethane	4.98	49	36580	15.985	ug/l	88
29) Tetrahydrofuran	5.09	42	124312	79.479	ug/l	94
30) Chloroform	5.17	83	90984	18.209	ug/l	98
31) Cyclohexane	5.55	56	75852	16.631	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	80853	17.801	ug/l	98
36) 1,1-Dichloropropene	5.77	75	67567	17.276	ug/l	100
37) Ethyl Acetate	4.79	43	73555	16.227	ug/l	97
38) Carbon Tetrachloride	5.76	117	70594	17.758	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	73889	15.688	ug/l	97
40) Benzene	6.11	78	207729	18.153	ug/l	99
41) Methacrylonitrile	5.00	41	38855	15.872	ug/l	94
42) 1,2-Dichloroethane	6.16	62	69902	16.957	ug/l	97
43) Isopropyl Acetate	6.41	43	117212	16.206	ug/l	95
44) Trichloroethene	7.19	130	66750	16.419	ug/l	98
45) 1,2-Dichloropropane	7.49	63	52686	18.195	ug/l	100
46) Dibromomethane	7.63	93	35531	18.057	ug/l	97
47) Bromodichloromethane	7.87	83	71697	17.890	ug/l	97
48) Methyl methacrylate	7.74	41	55263	16.125	ug/l	91
49) 1,4-Dioxane	7.71	88	25542	310.754	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	369129	83.402	ug/l	96
52) Toluene	8.76	92	135024	18.930	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84250	17.632	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91433	18.320	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	53672	19.125	ug/l	98
56) Ethyl methacrylate	9.16	69	83691	18.270	ug/l	92
57) 1,3-Dichloropropane	9.35	76	91427	18.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	201914	82.795	ug/l	98
59) 2-Hexanone	9.47	43	279351	80.371	ug/l	94
60) Dibromochloromethane	9.57	129	57662	18.656	ug/l	100
61) 1,2-Dibromoethane	9.65	107	56961	18.739	ug/l	99
64) Tetrachloroethene	9.32	164	76662	17.227	ug/l	99
65) Chlorobenzene	10.12	112	141318	18.618	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	52783	18.815	ug/l	100
67) Ethyl Benzene	10.23	91	250774	18.517	ug/l	98
68) m/p-Xylenes	10.34	106	190206	37.486	ug/l	100
69) o-Xylene	10.68	106	91528	18.766	ug/l	97
70) Styrene	10.70	104	154264	18.643	ug/l	99
71) Bromoform	10.84	173	43873	19.195	ug/l #	100
73) Isopropylbenzene	11.00	105	240487	18.472	ug/l	98
74) N-amyl acetate	10.88	43	98857	16.279	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	58478	25.074	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	74657m	18.380	ug/l	
77) Bromobenzene	11.24	156	61174	18.204	ug/l	97
78) n-propylbenzene	11.34	91	267178	17.640	ug/l	100
79) 2-Chlorotoluene	11.40	91	162353	18.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	197646	17.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	29517	17.317	ug/l	94
82) 4-Chlorotoluene	11.49	91	190515	18.046	ug/l	98
83) tert-Butylbenzene	11.76	119	169899	17.934	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	201680	18.147	ug/l	100
85) sec-Butylbenzene	11.93	105	205854	16.094	ug/l	99
86) p-Isopropyltoluene	12.05	119	197097	16.597	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	109170	18.093	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112006	18.289	ug/l	99
89) n-Butylbenzene	12.37	91	158673	14.626	ug/l	99
90) Hexachloroethane	12.58	117	32679	16.023	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	104430	17.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17448	16.298	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68174	15.849	ug/l	99
94) Hexachlorobutadiene	13.77	225	25530	14.163	ug/l	96
95) Naphthalene	13.82	128	241851	17.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	66490	15.816	ug/l	98

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

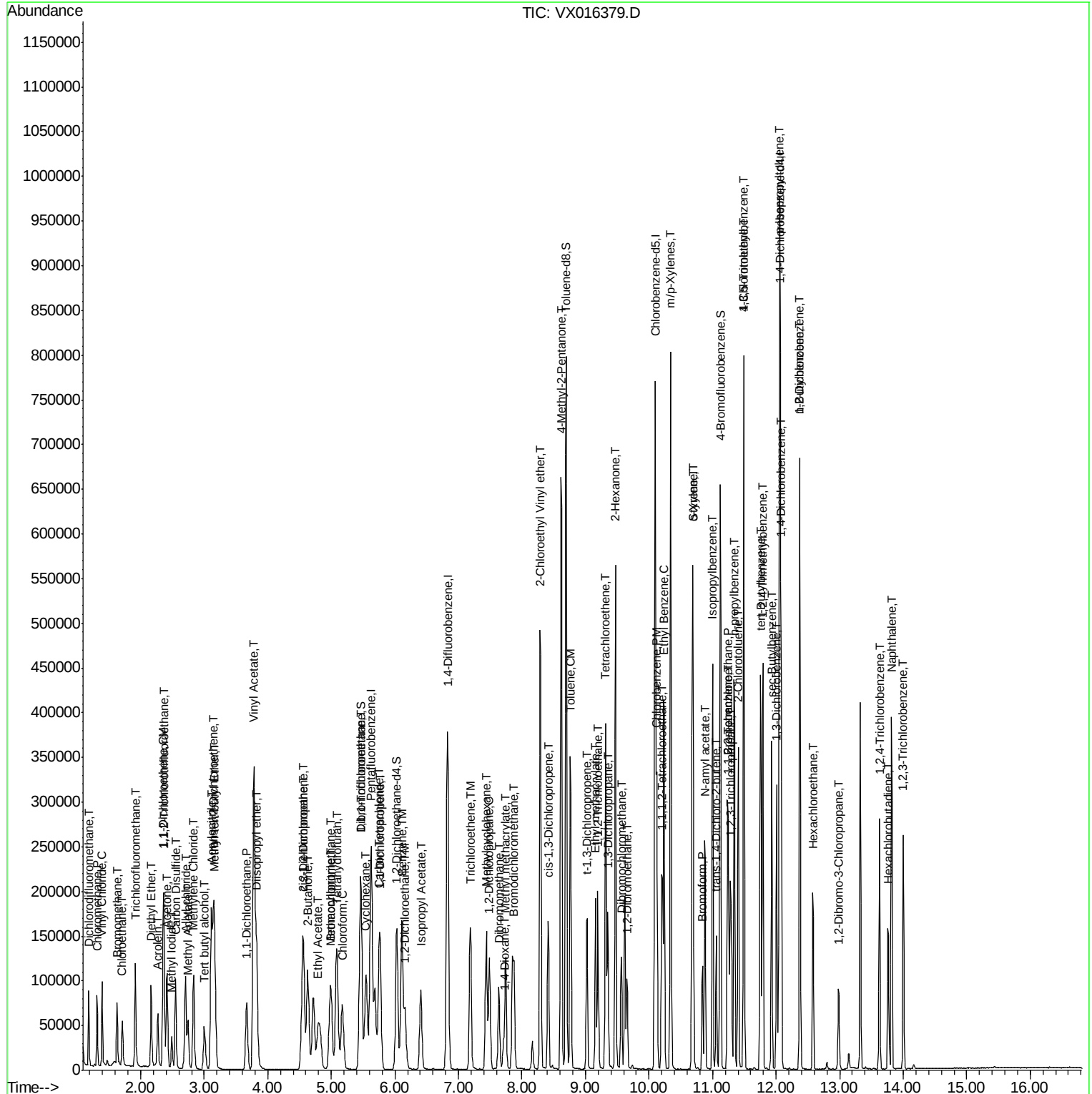
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Data File : VX016379.D
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Operator : JC/SP
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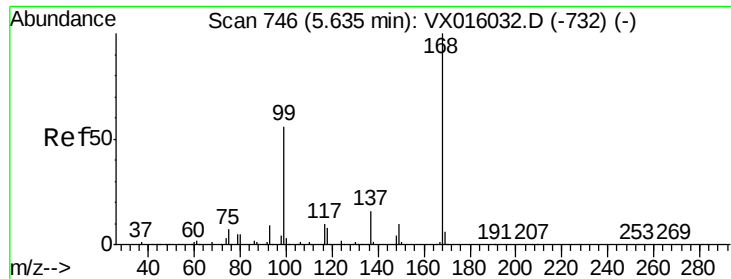
Instrument :
MSVOA_X
ClientSampleID :
VX0521WBSD01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion:168 Resp: 249495

Ion Ratio Lower Upper

168 100

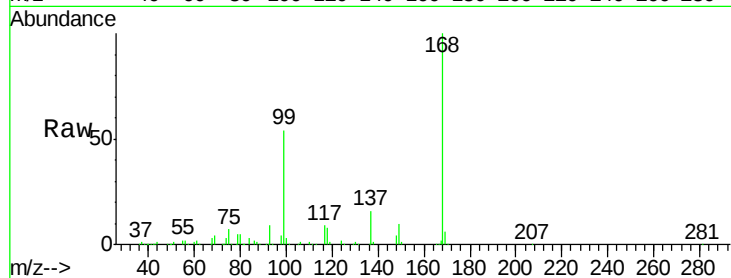
99 54.0 45.0 67.4

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

5.62

80000

60000

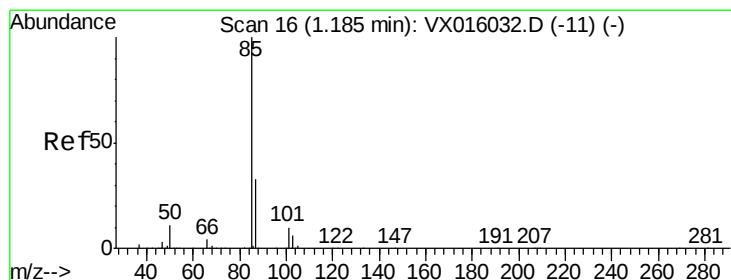
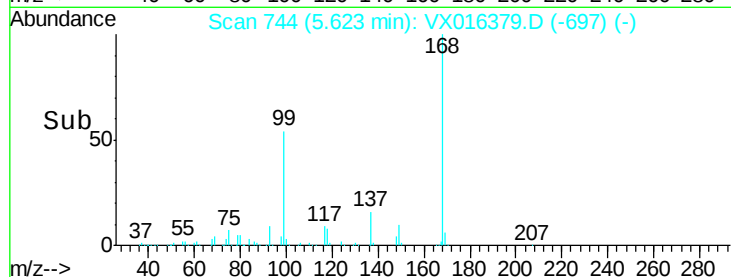
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.114 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016379.D

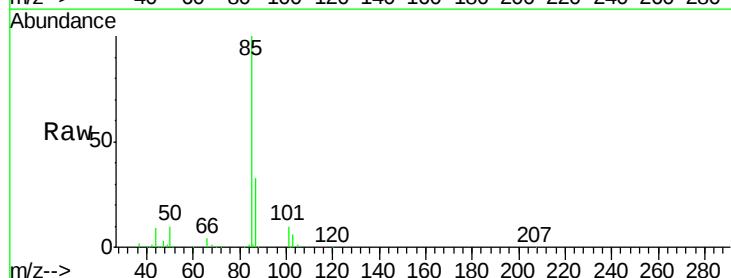
Acq: 21 May 2020 13:33

Tgt Ion: 85 Resp: 45194

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

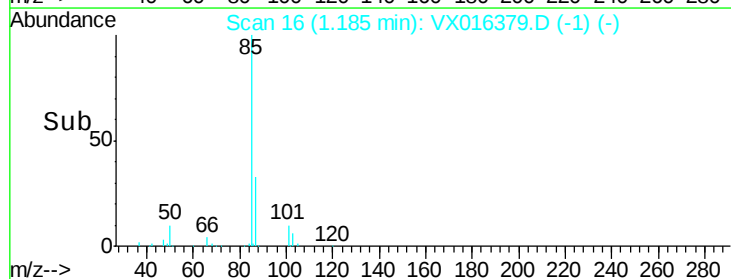
20000

10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.090 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 50 Resp: 46280

Ion Ratio Lower Upper

50 100

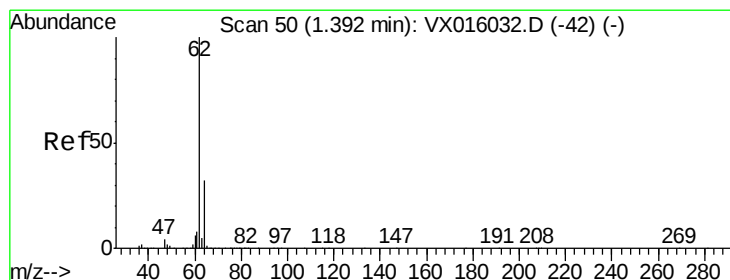
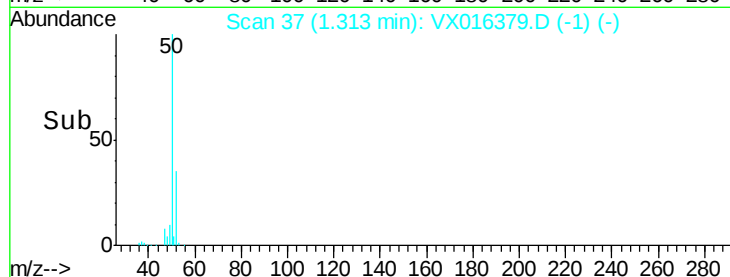
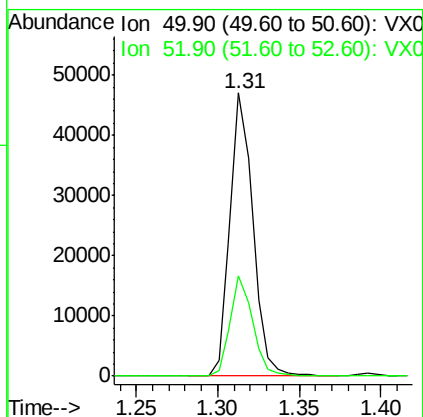
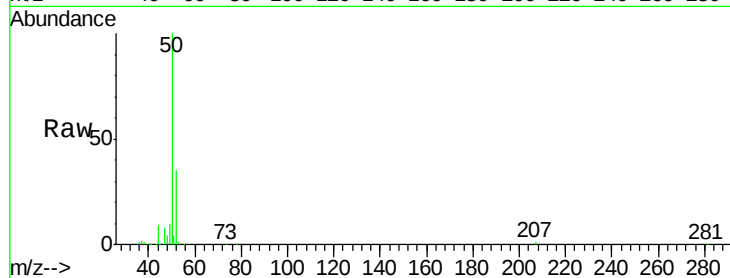
52 35.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.743 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016379.D

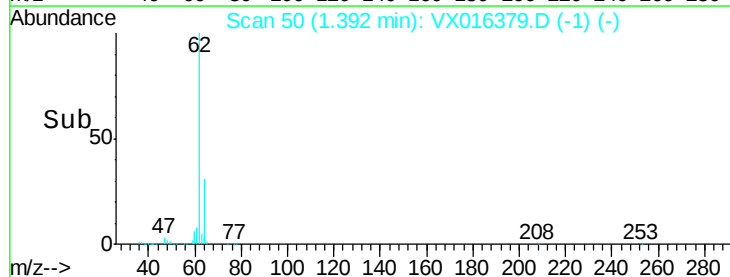
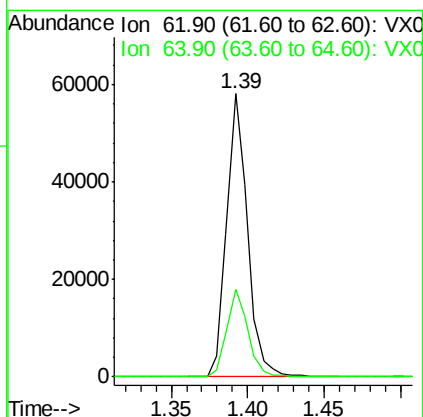
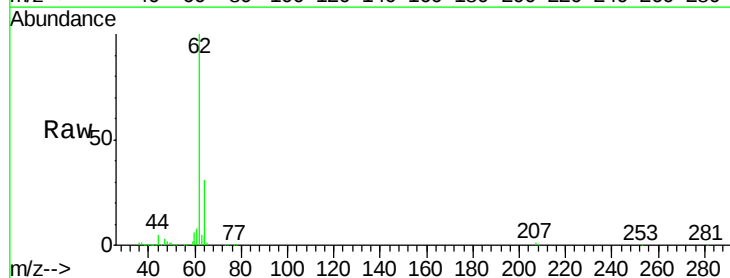
Acq: 21 May 2020 13:33

Tgt Ion: 62 Resp: 54784

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 19.547 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 94 Resp: 32244

Ion Ratio Lower Upper

94 100

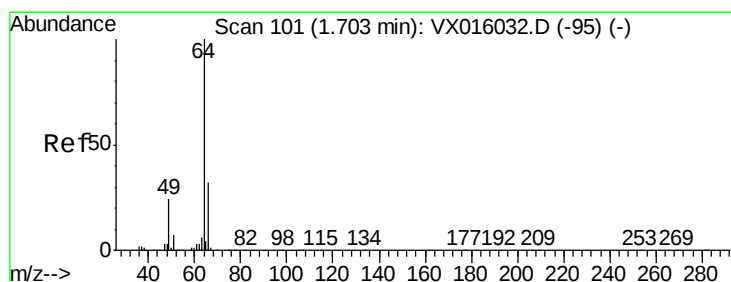
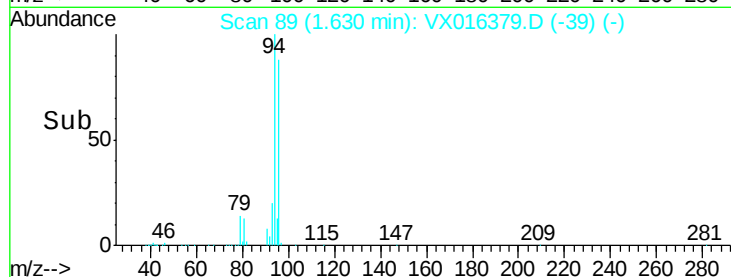
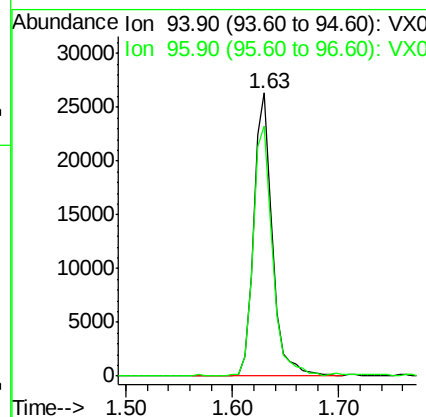
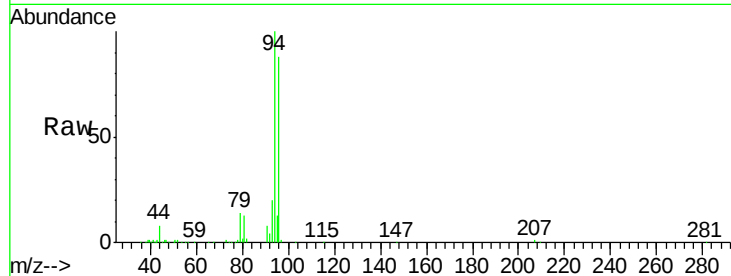
96 87.9 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 16.754 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016379.D

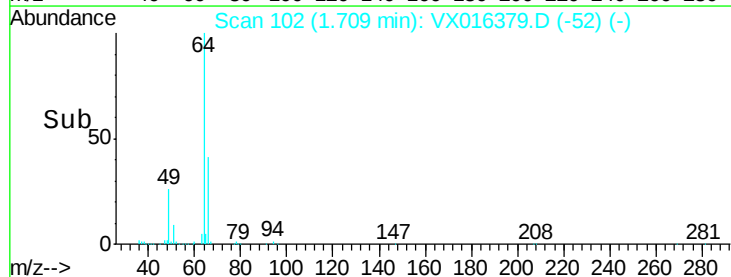
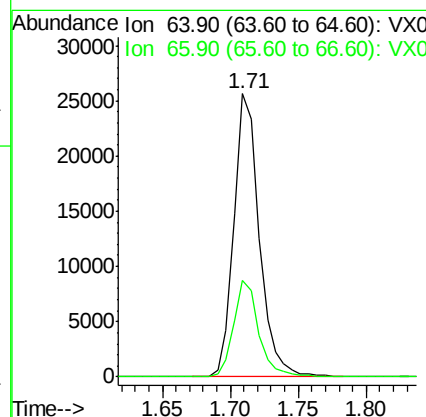
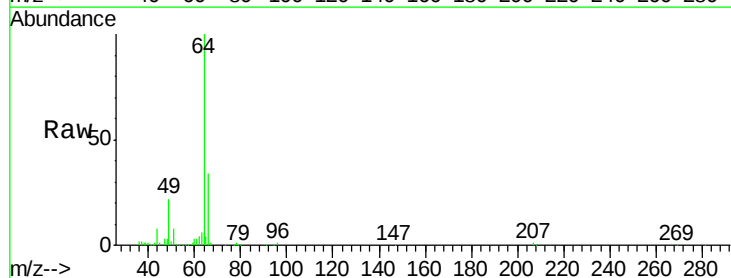
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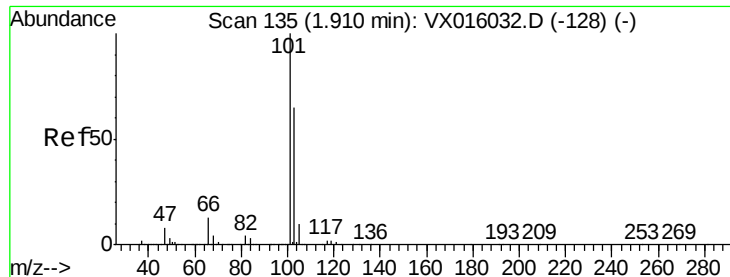
Tgt Ion: 64 Resp: 33355

Ion Ratio Lower Upper

64 100

66 34.0 25.2 37.8





#7

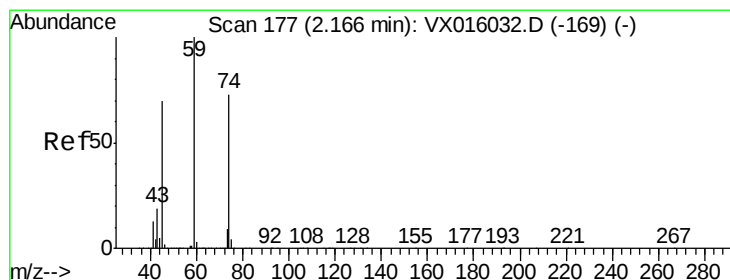
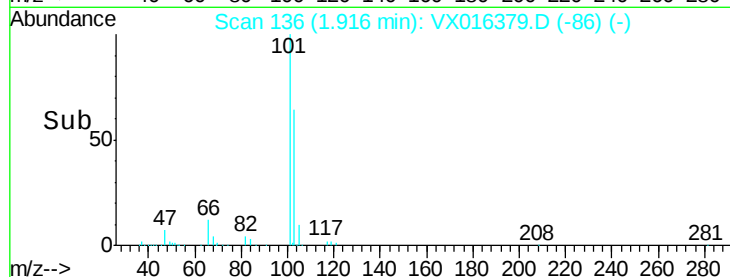
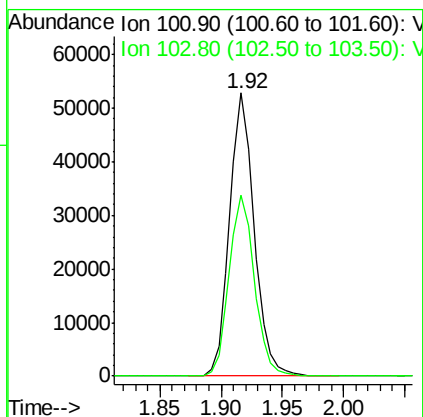
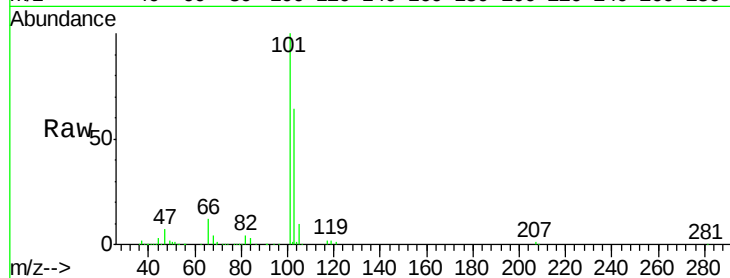
Trichlorofluoromethane
 Concen: 17.114 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		73519		
103	64.1	51.8	77.6		

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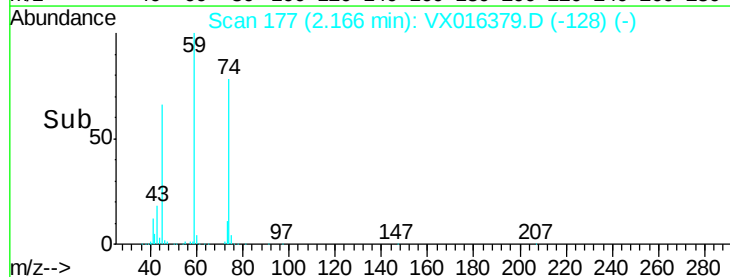
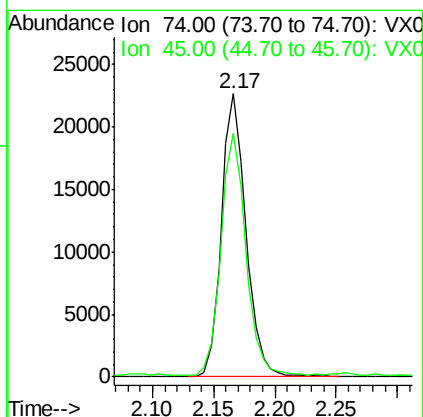
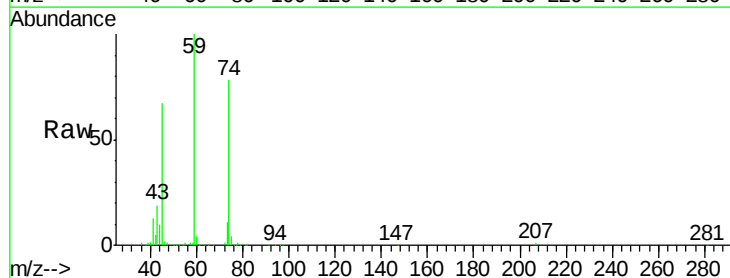
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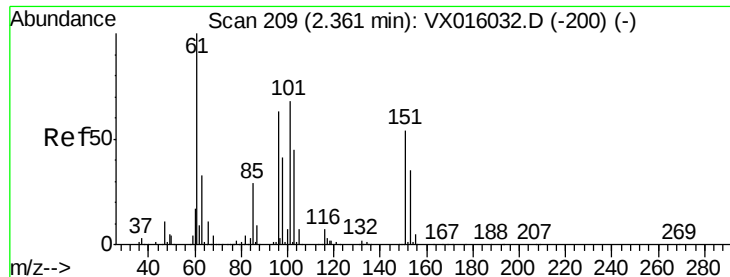


#8

Diethyl Ether
 Concen: 17.409 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		31509		
45	87.0	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.420 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

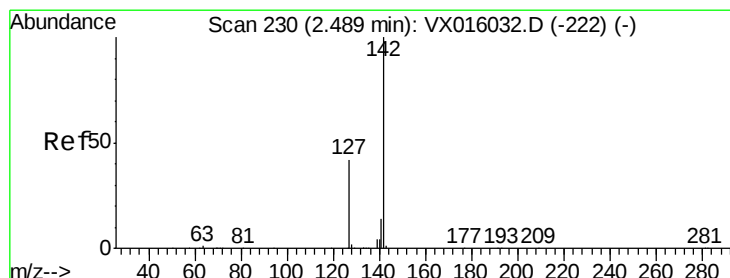
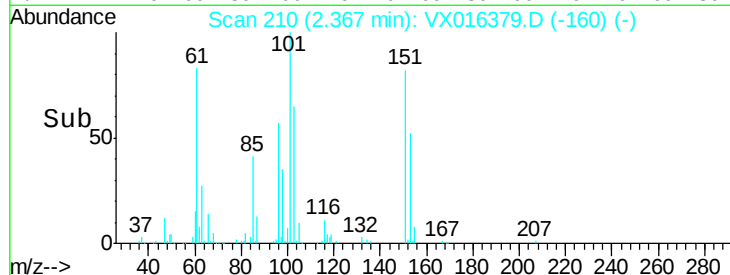
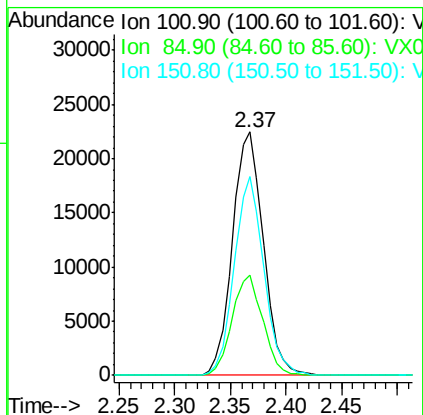
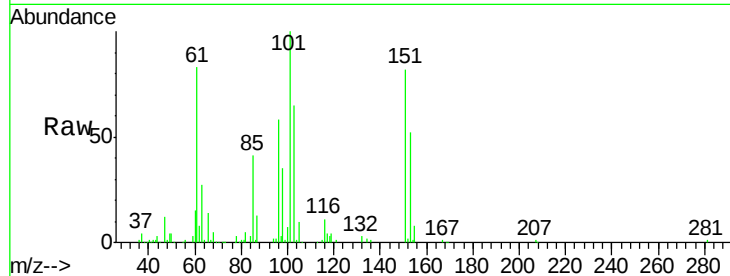
ClientSampleId :

VX0521WBSD01

Tot Ion:	101	Resp:	43173
Ion Ratio	Lower	Upper	
101	100		
85	41.0	34.2	51.4
151	78.5	62.1	93.1

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#10

Methyl Iodide

Concen: 10.670 ug/l

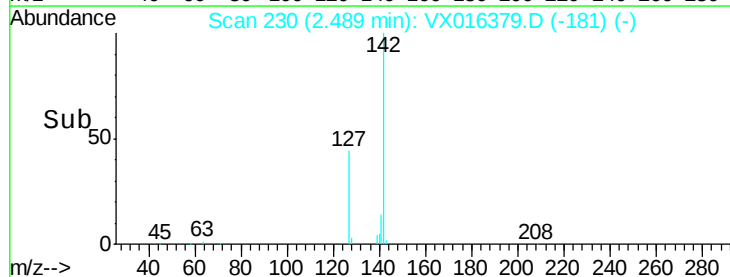
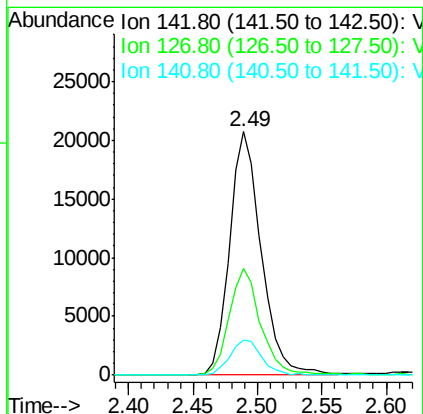
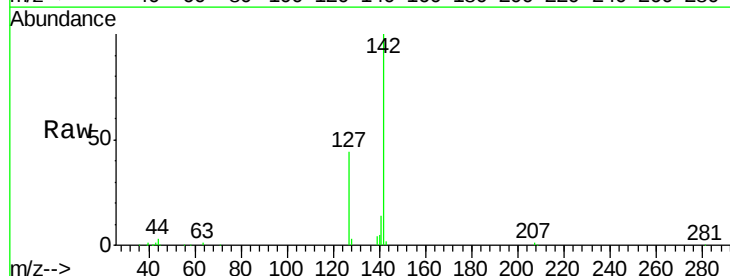
RT: 2.49 min Scan# 230

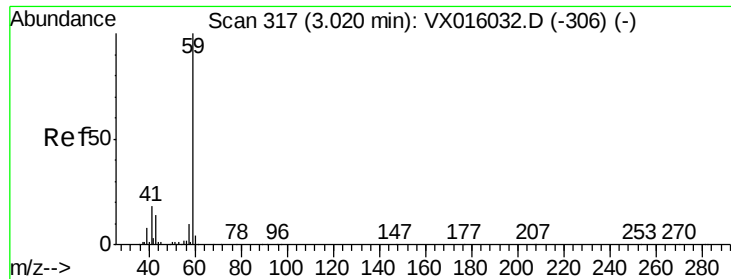
Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion:	142	Resp:	35521
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.6	52.0
141	14.5	11.3	16.9





#11

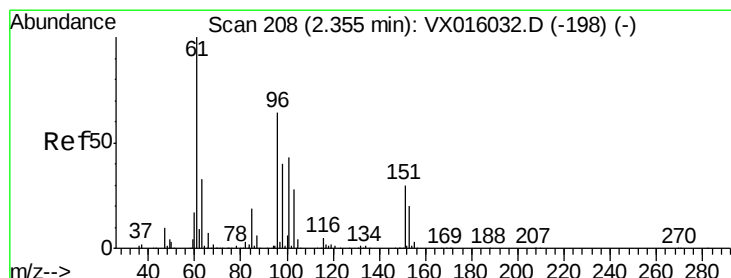
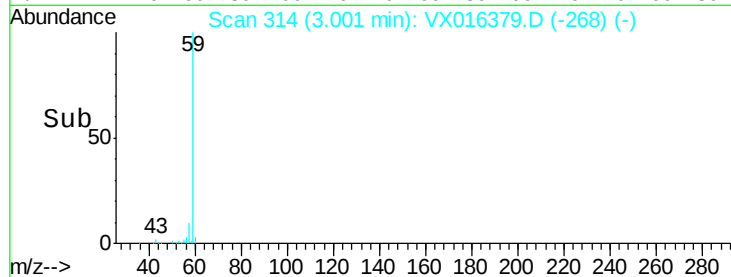
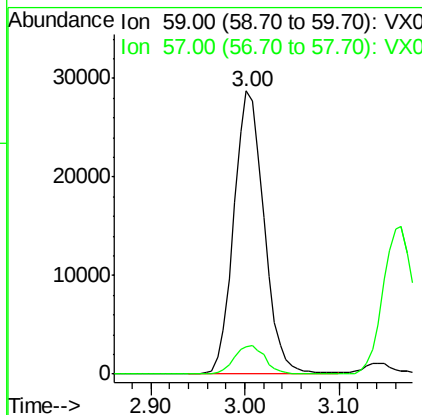
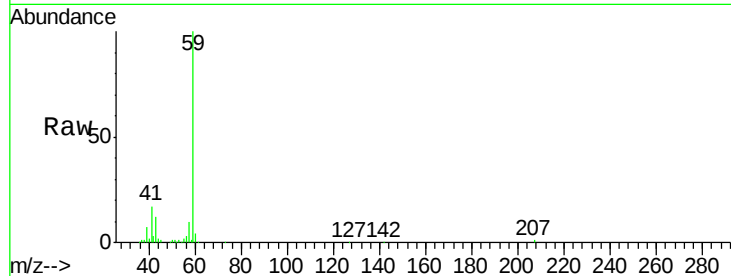
Tert butyl alcohol
 Concen: 77.304 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

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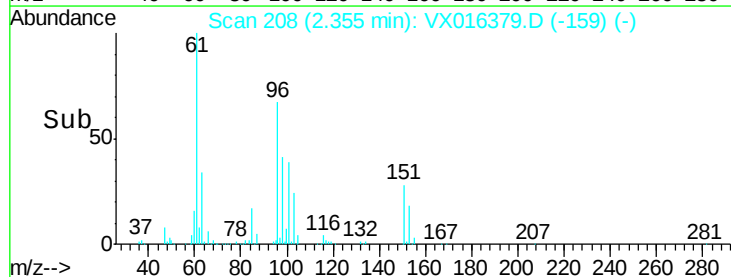
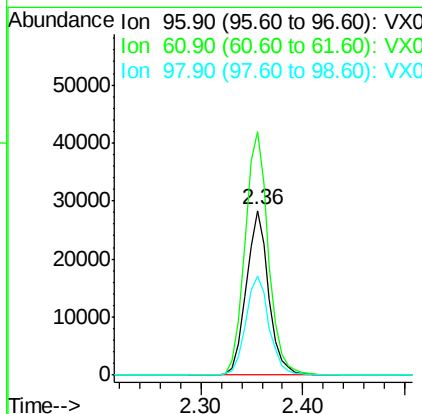
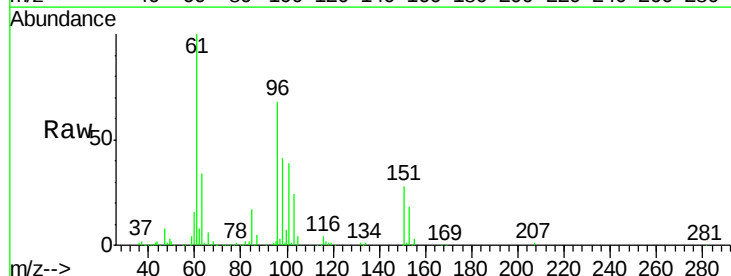
MMDadoda
 5/22/2020 4:02:57 PM



#12

1,1-Dichloroethene
 Concen: 16.691 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	124.8	187.2
98	59.9	49.7	74.5





#13

Acrolein

Concen: 81.849 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 56 Resp: 42522

Ion Ratio Lower Upper

56 100

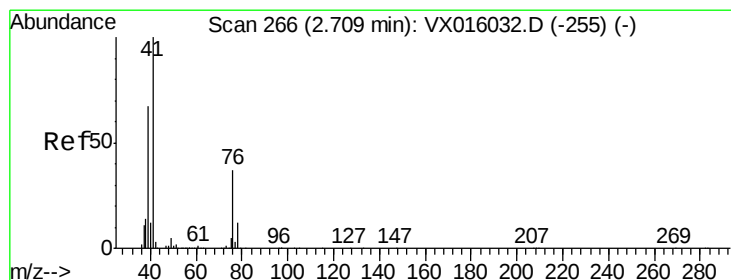
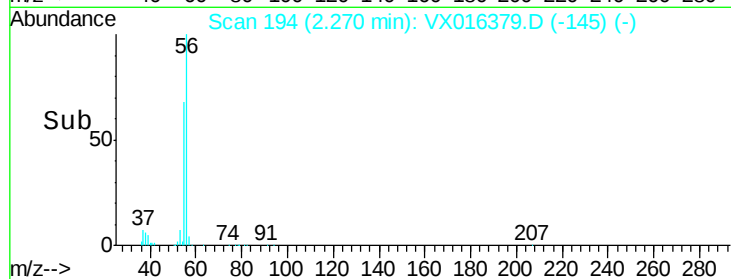
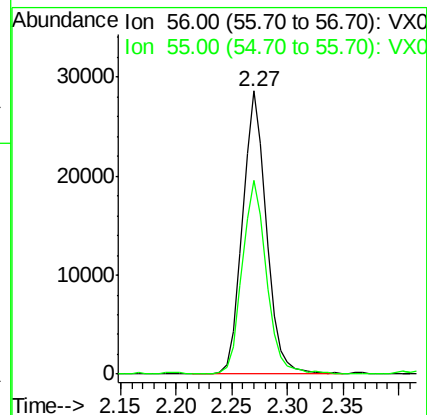
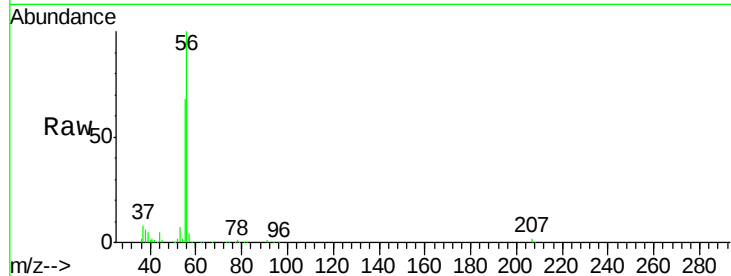
55 70.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 15.474 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

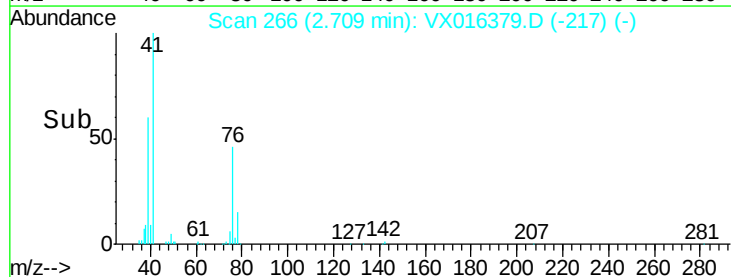
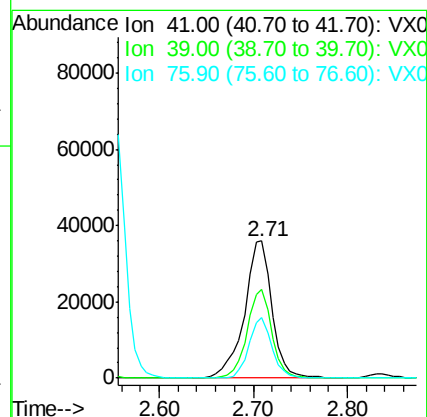
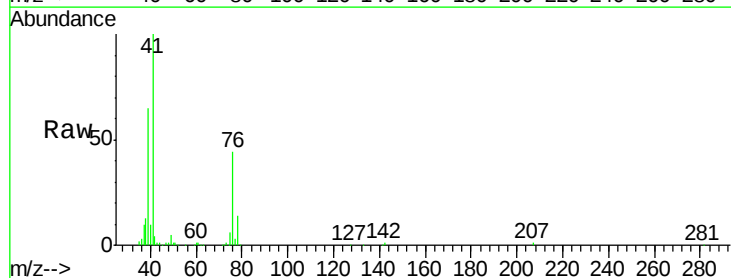
Tgt Ion: 41 Resp: 73585

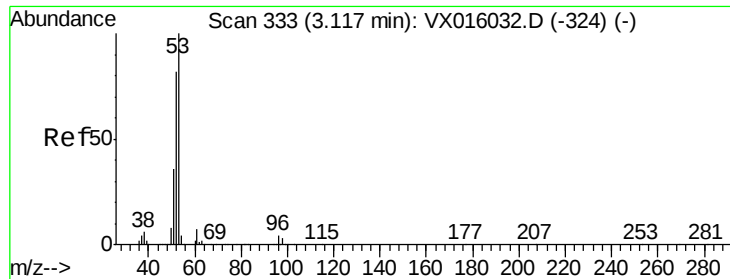
Ion Ratio Lower Upper

41 100

39 58.2 50.5 75.7

76 36.9 26.6 40.0





#15

Acrylonitrile

Concen: 82.357 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

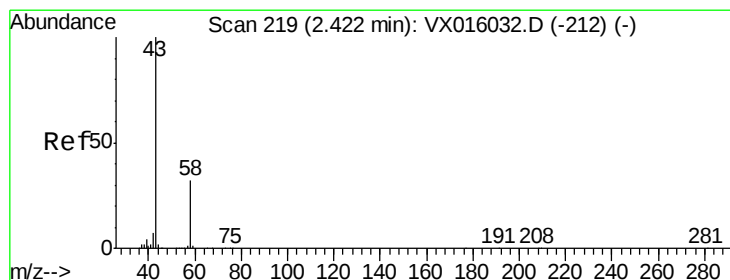
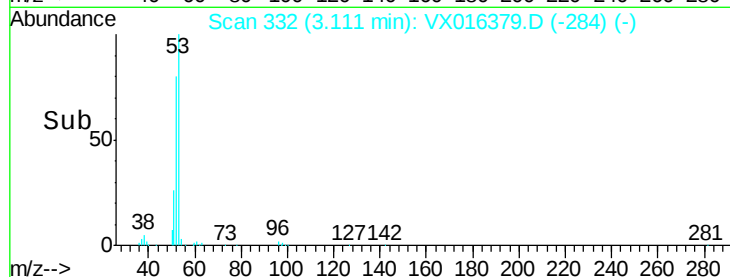
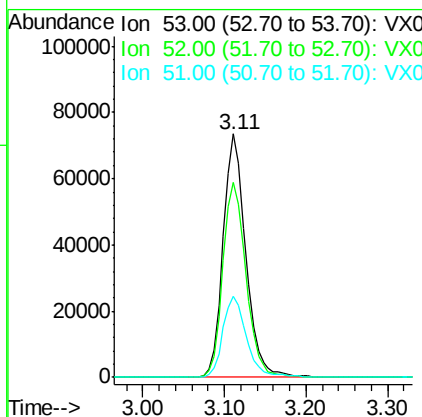
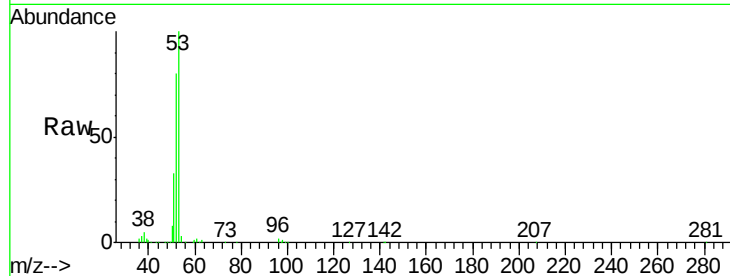
ClientSampleId :

VX0521WBSD01

Tot Ion:	53	Resp:	141842
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.1	99.1
51	34.8	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 74.592 ug/l

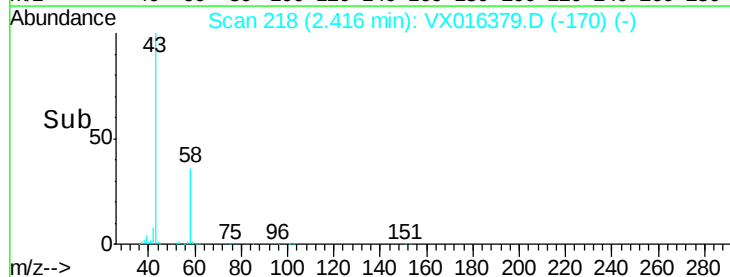
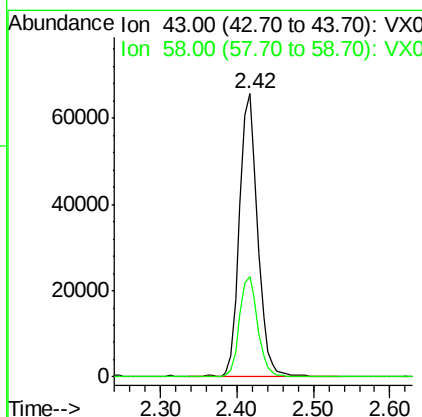
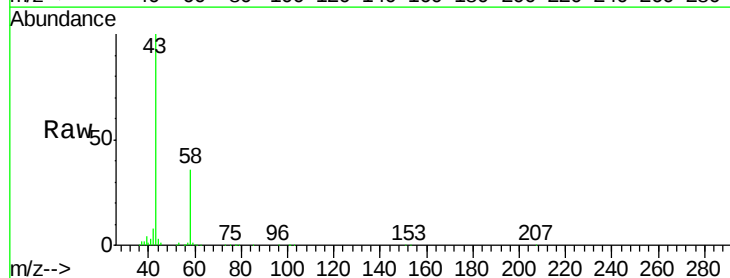
RT: 2.42 min Scan# 218

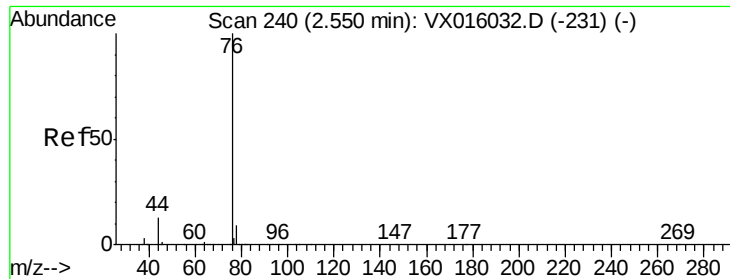
Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion:	43	Resp:	109269
Ion Ratio	Lower	Upper	
43	100		
58	35.6	25.4	38.0





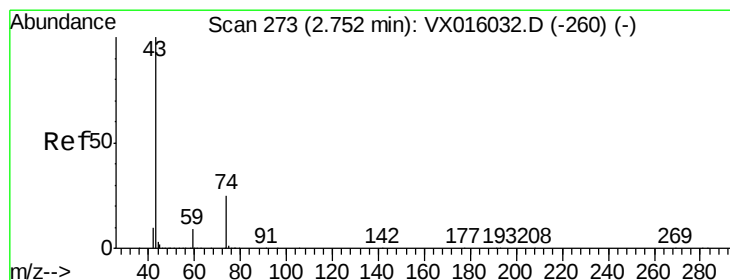
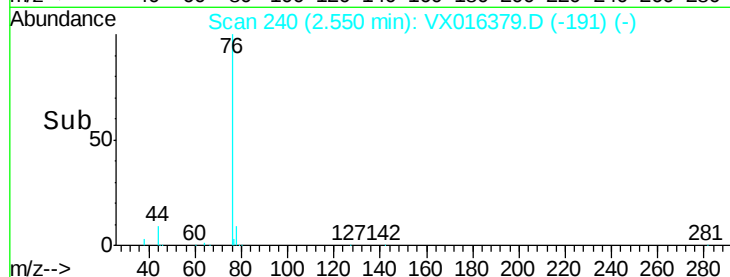
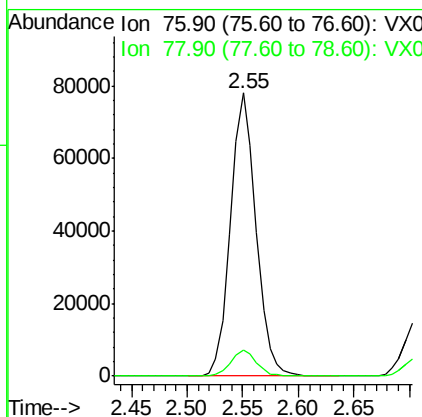
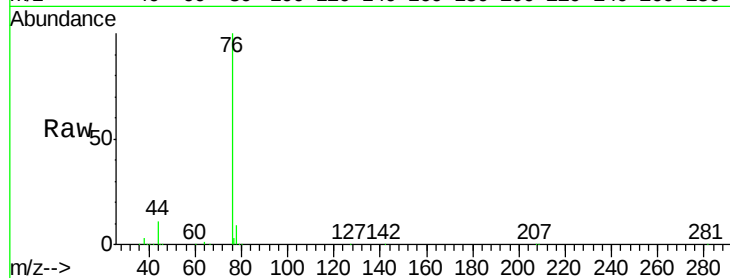
#17
Carbon Disulfide
Concen: 15.750 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

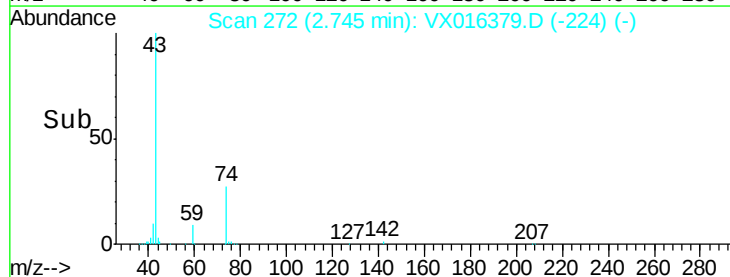
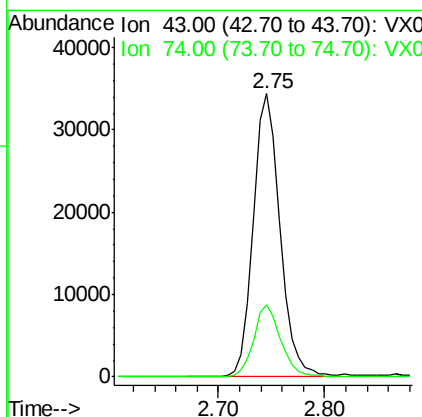
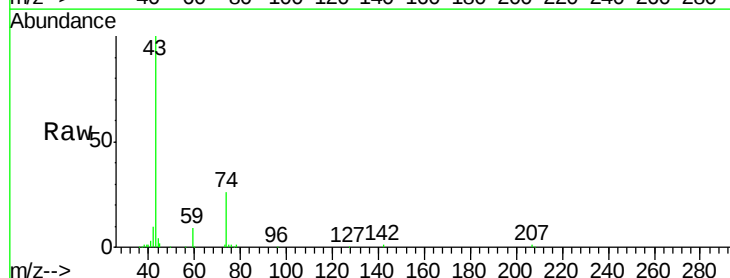
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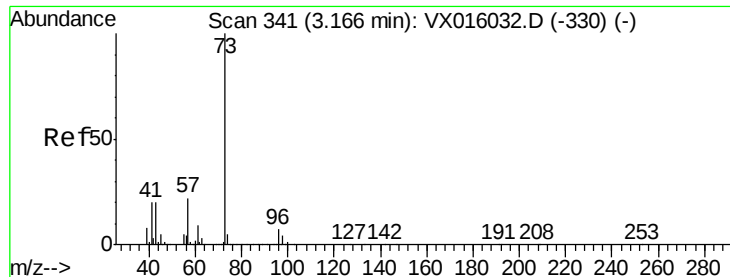
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#18
Methyl Acetate
Concen: 16.936 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.2	30.2





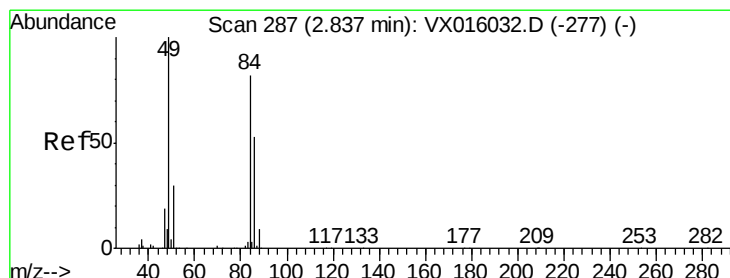
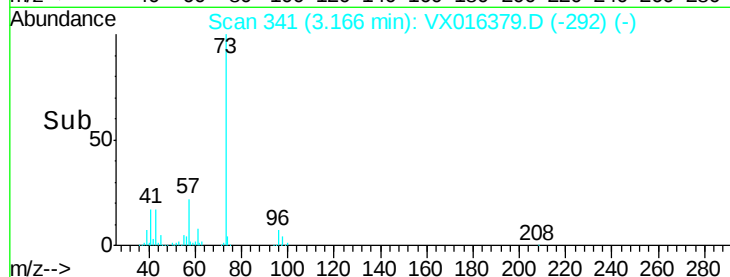
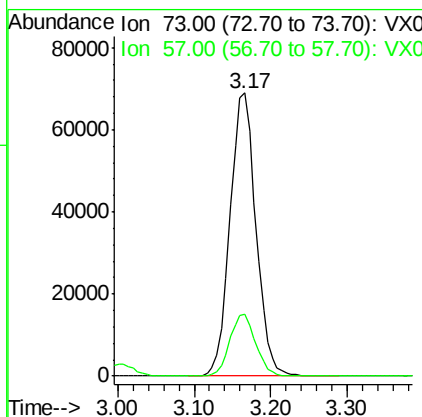
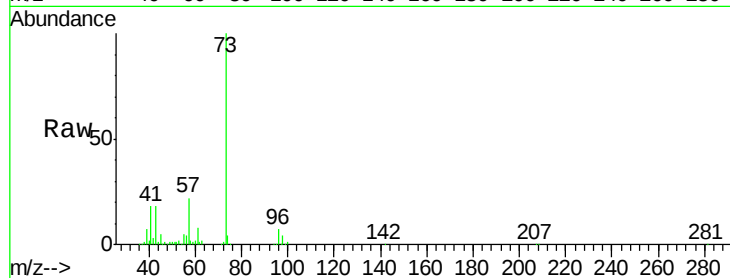
#19
Methvl tert-butvl Ether
Concen: 18.104 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

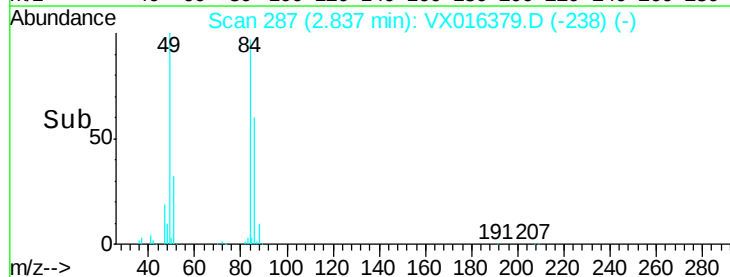
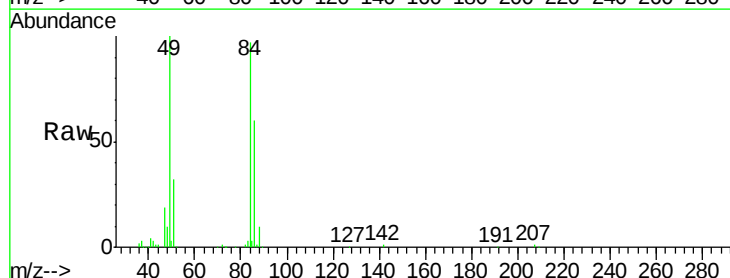
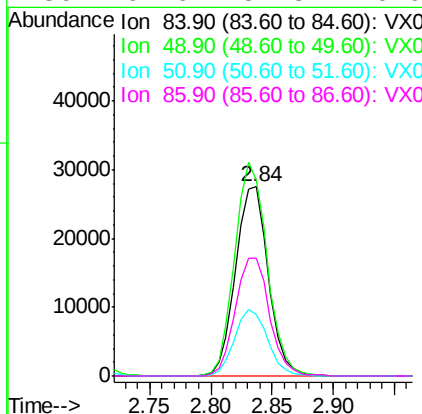
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#20
Methylene Chloride
Concen: 16.937 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.5	97.3	145.9
51	32.7	29.3	43.9
86	62.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.414 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

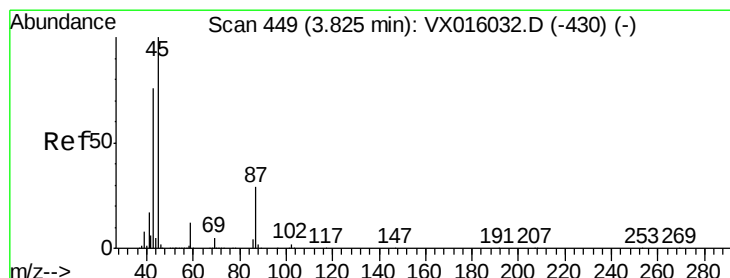
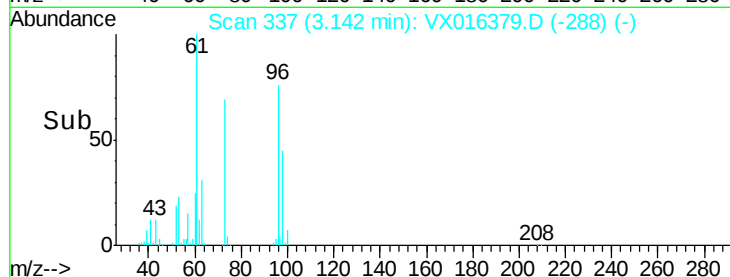
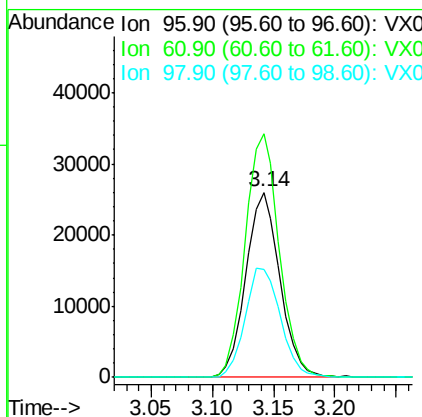
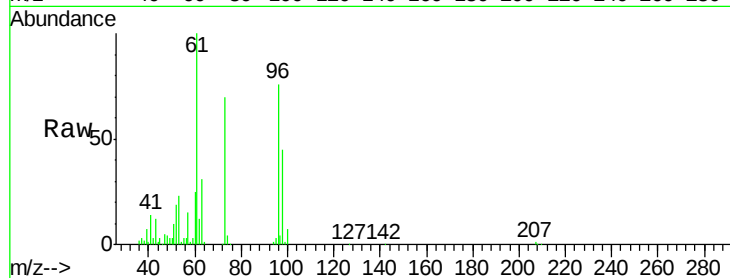
ClientSampleId :

VX0521WBSD01

Tot Ion:	96	Resp:	50329
Ion	Ratio	Lower	Upper
96	100		
61	131.8	111.2	166.8
98	58.7	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 16.638 ug/l

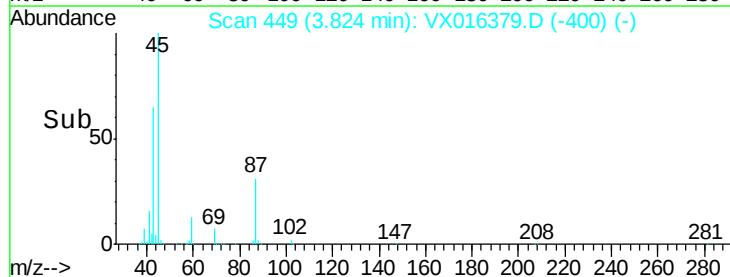
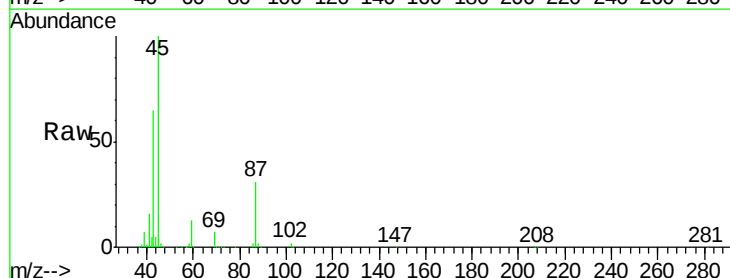
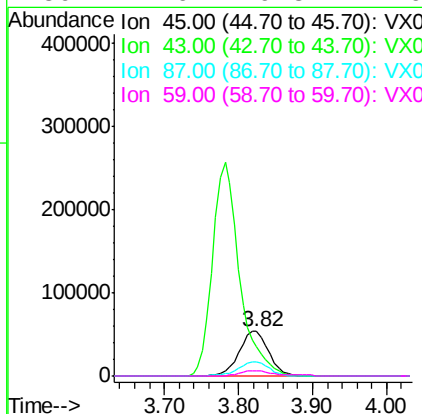
RT: 3.82 min Scan# 449

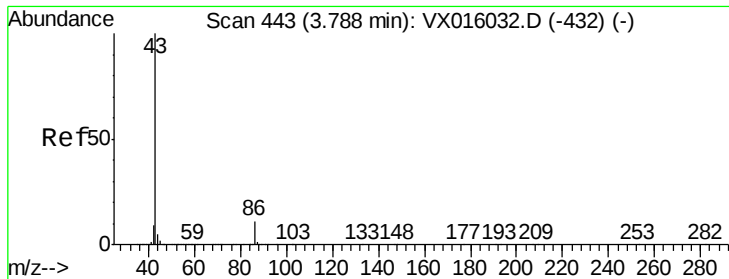
Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion:	45	Resp:	149260
Ion	Ratio	Lower	Upper
45	100		
43	64.7	61.1	91.7
87	31.4	23.0	34.6
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 82.136 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 43 Resp: 648280

Ion Ratio Lower Upper

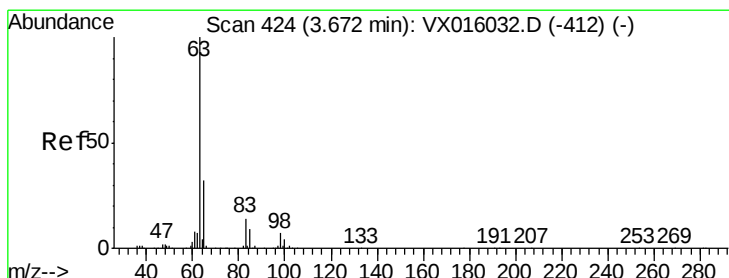
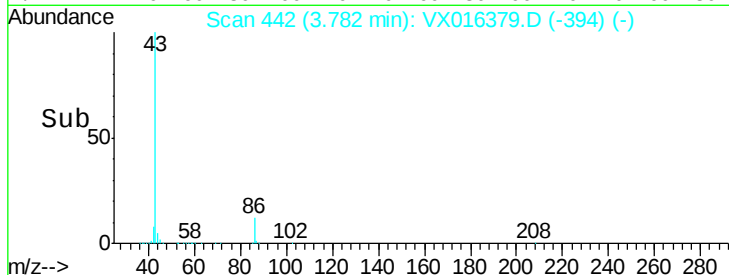
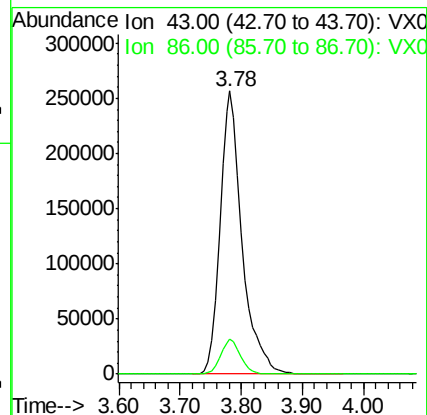
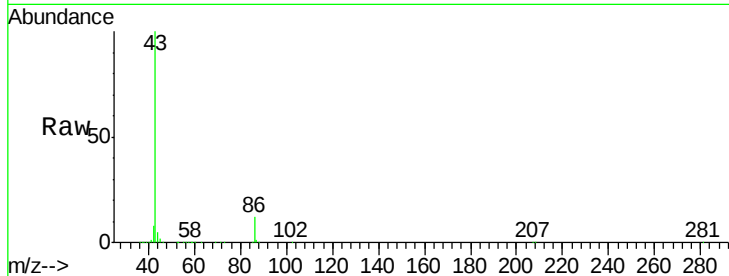
43 100

86 12.4 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 17.488 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

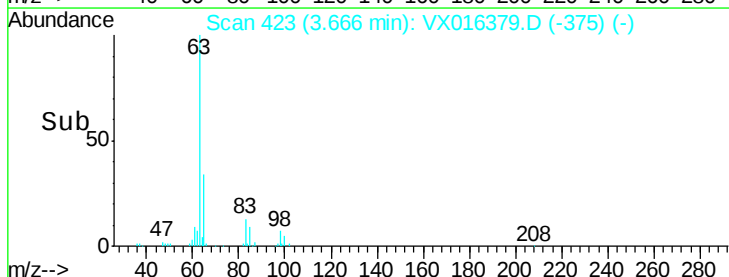
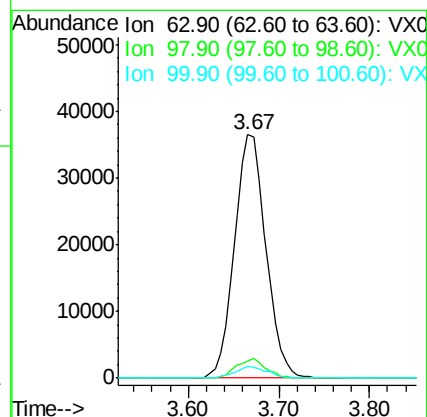
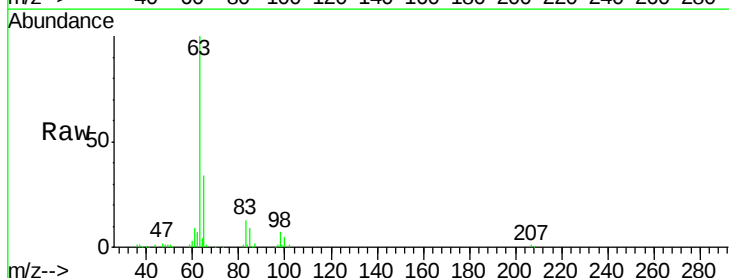
Tgt Ion: 63 Resp: 87763

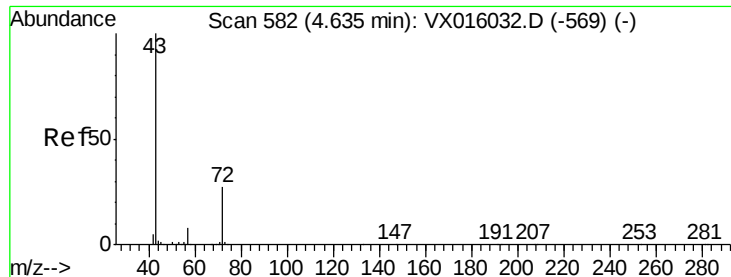
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 79.816 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 43 Resp: 188407

Ion Ratio Lower Upper

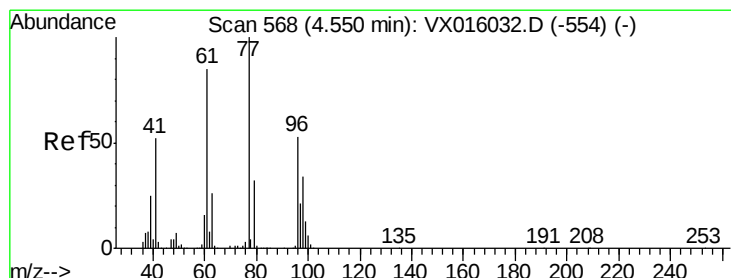
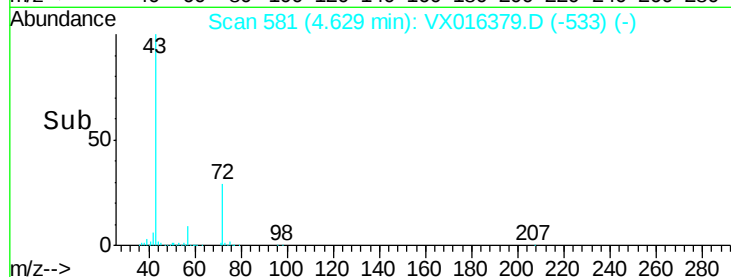
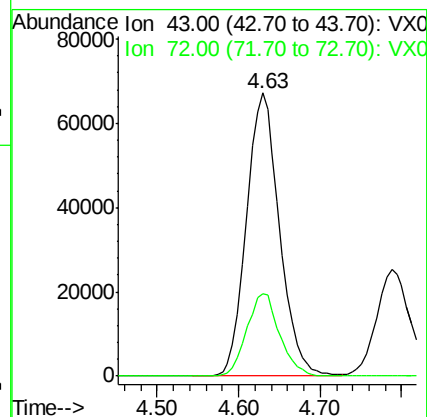
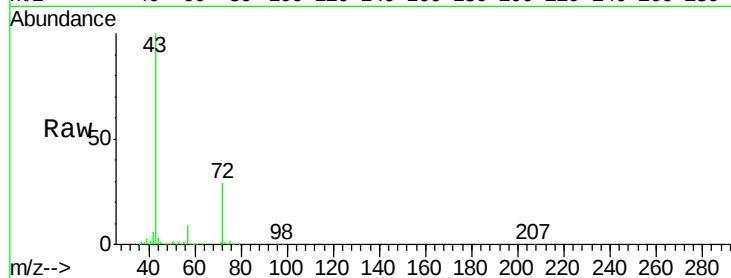
43 100

72 28.8 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 17.018 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016379.D

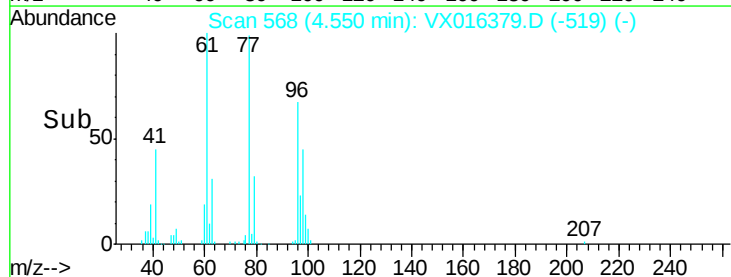
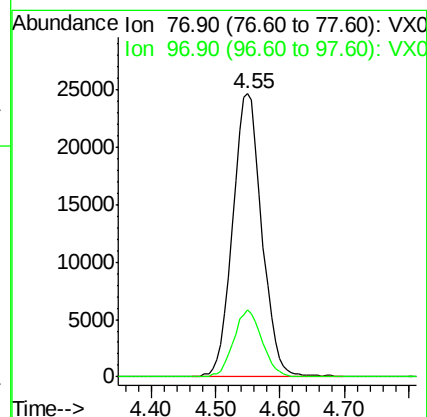
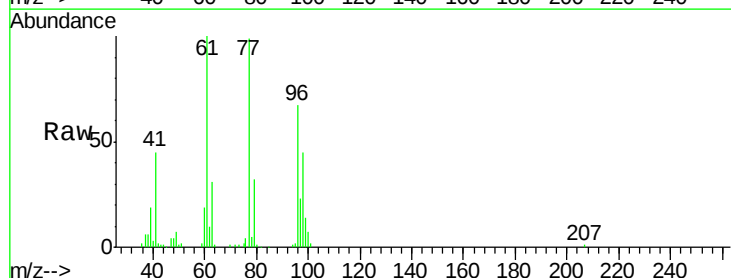
Acq: 21 May 2020 13:33

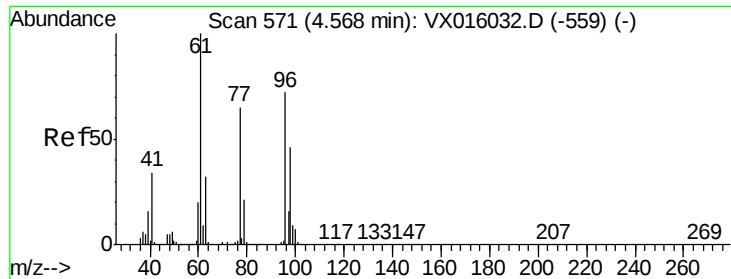
Tgt Ion: 77 Resp: 77996

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6





#27

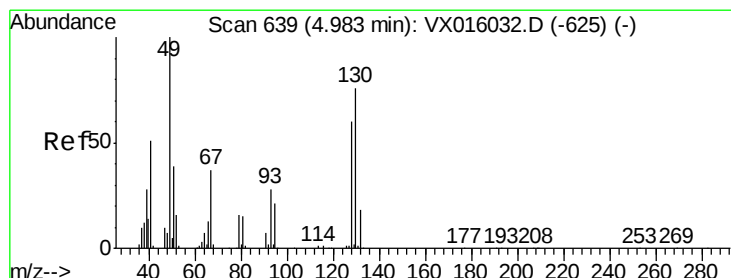
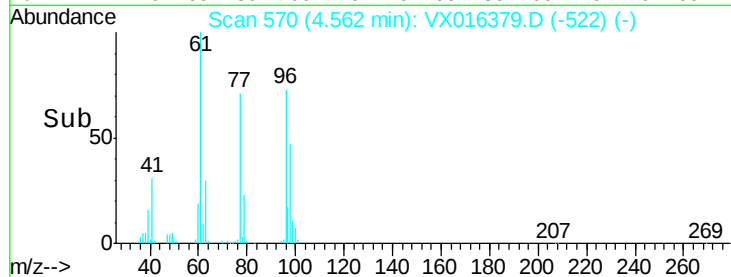
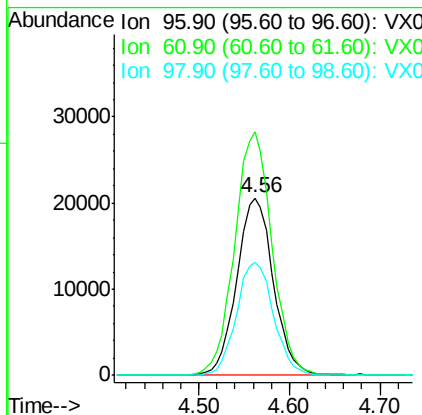
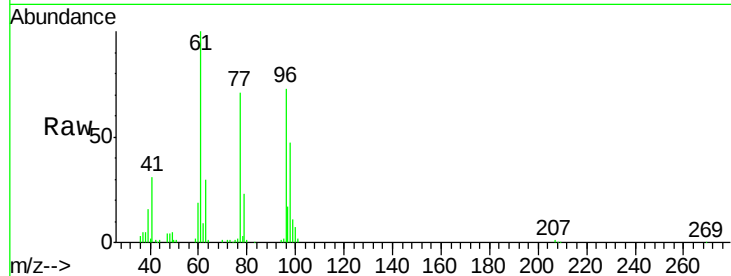
cis-1,2-Dichloroethene
Concen: 18.238 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	57624		
61	141.0		0.0	296.2
98	64.5		0.0	129.4

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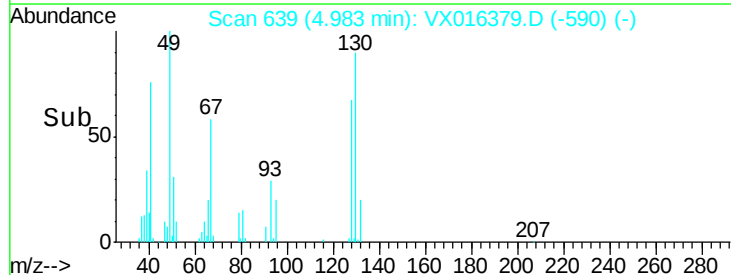
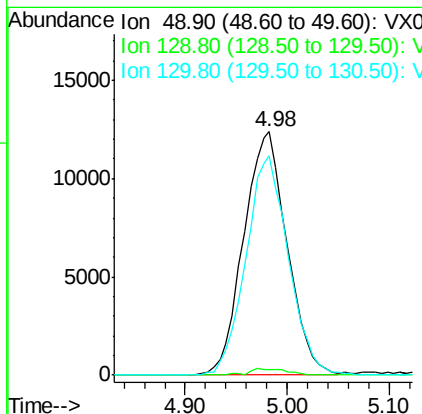
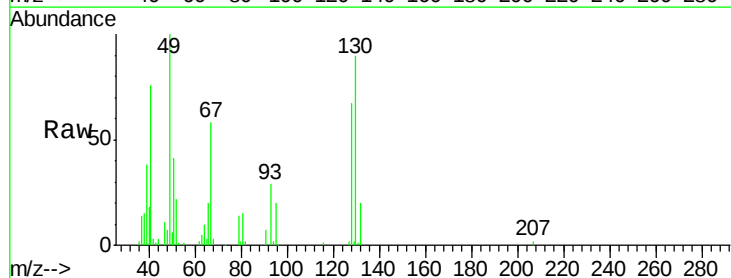
MMDadoda
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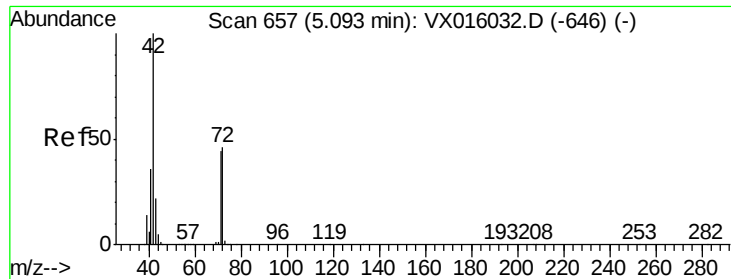


#28

Bromochloromethane
Concen: 15.985 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	36580		
129	2.3		0.0	4.0
130	88.4		62.4	93.6





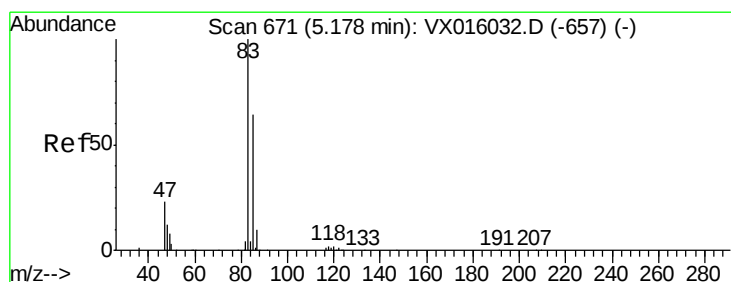
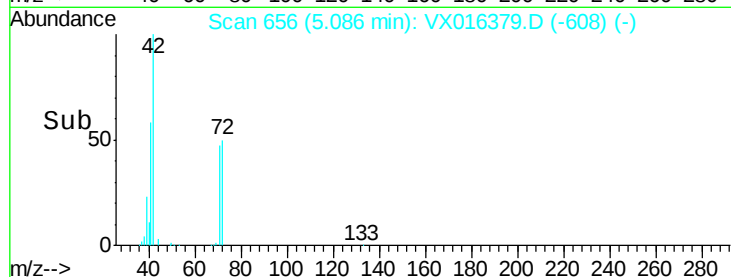
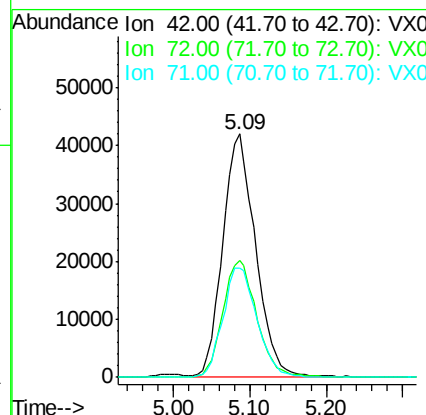
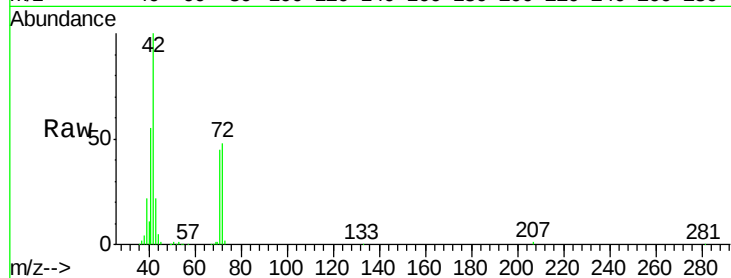
#29
Tetrahydrofuran
Concen: 79.479 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.1	55.7
71	46.9	34.5	51.7

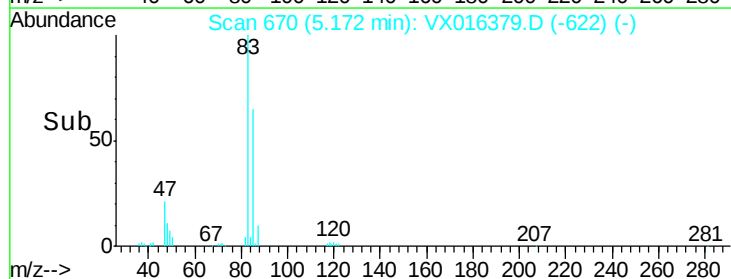
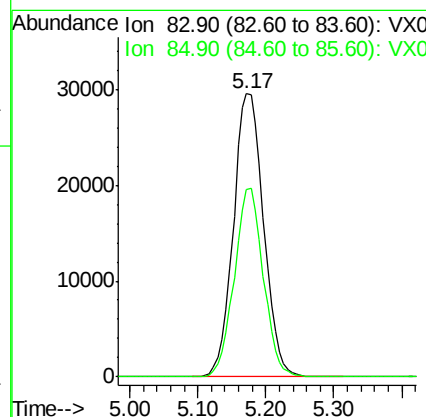
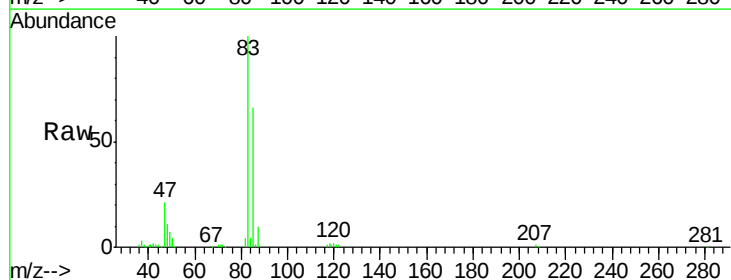
Manual Integrations
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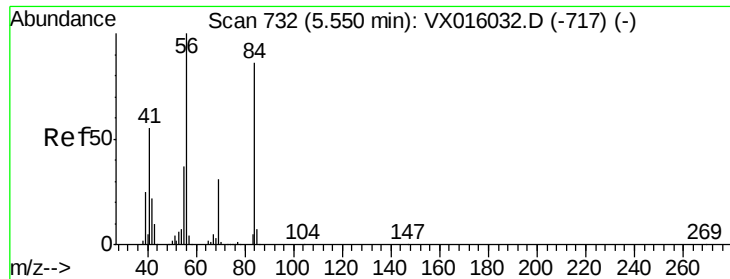
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#30
Chloroform
Concen: 18.209 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.6	77.4





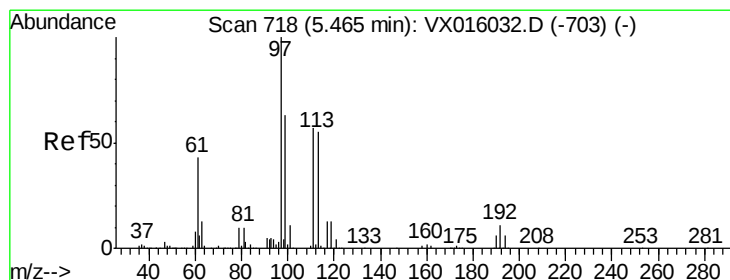
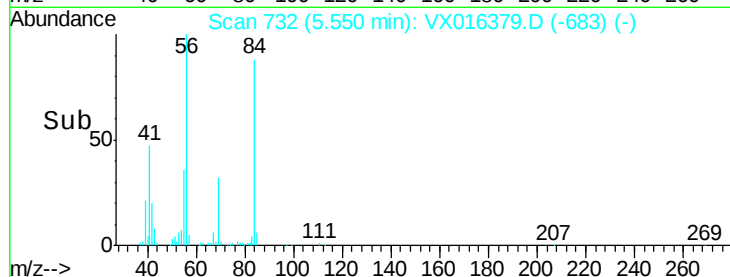
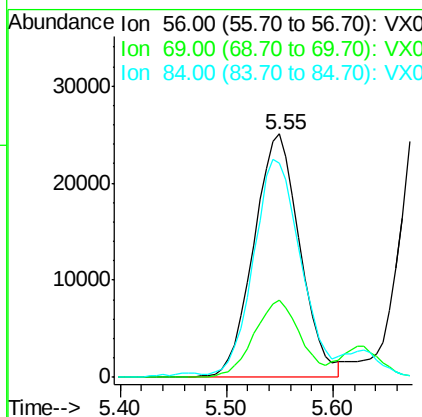
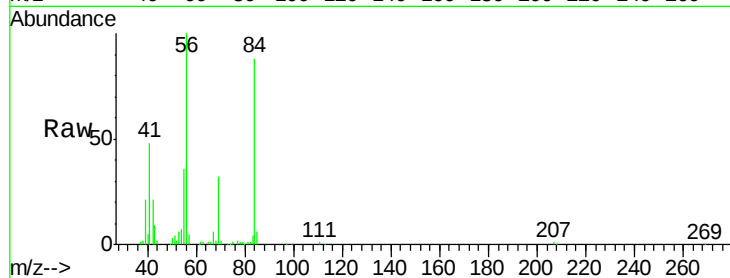
#31
Cyclohexane
Concen: 16.631 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.0	25.0	37.6	
84	86.0	69.0	103.6	

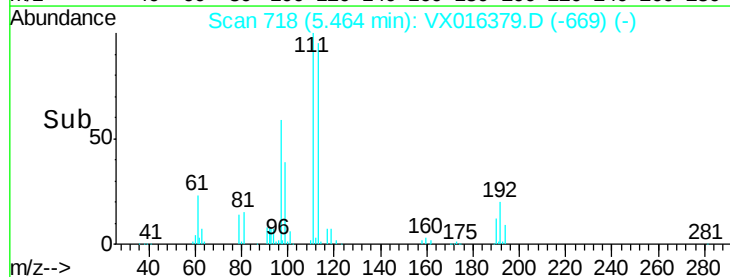
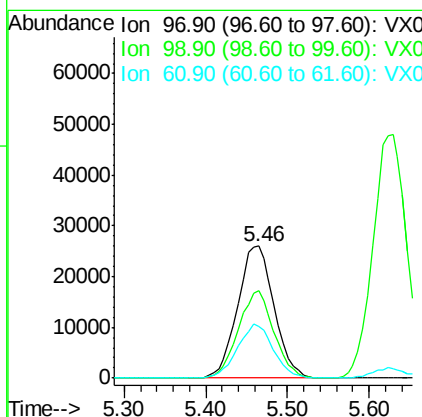
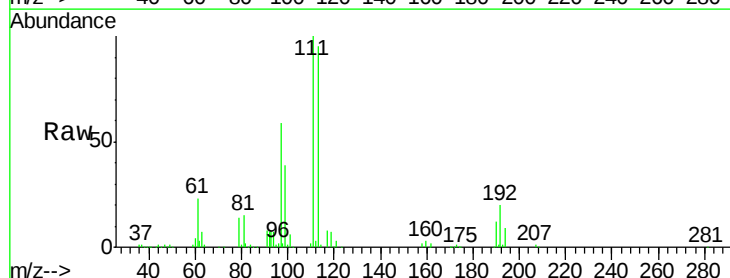
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#32
1,1,1-Trichloroethane
Concen: 17.801 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.1	51.0	76.4	
61	40.0	34.5	51.7	





#33

1,2-Dichloroethane-d4

Concen: 44.806 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 65 Resp: 147103

Ion Ratio Lower Upper

65 100

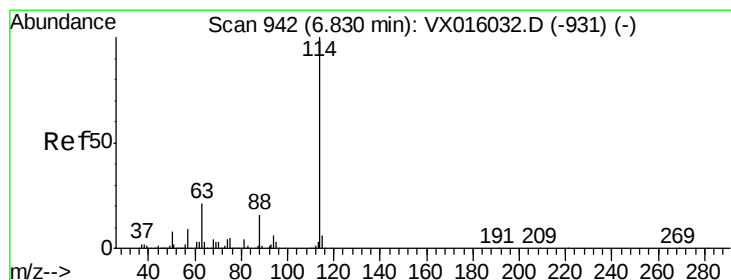
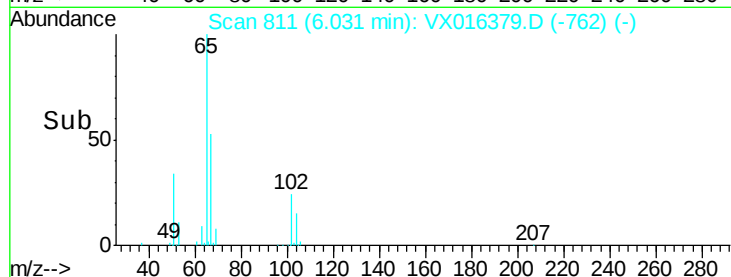
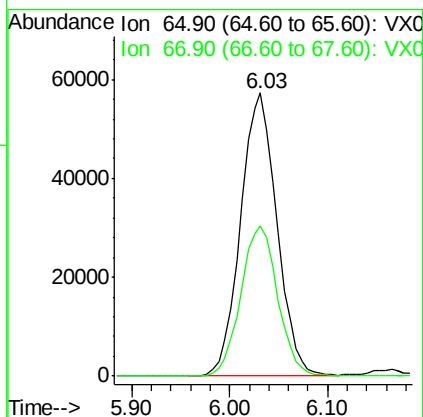
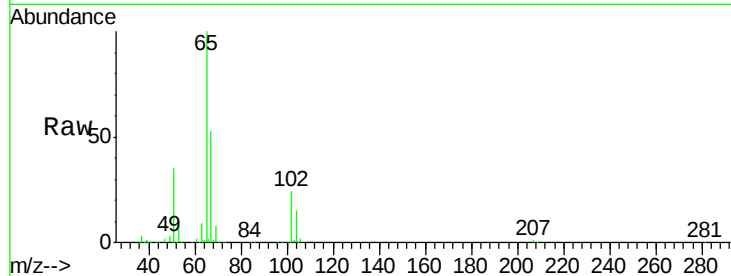
67 54.1 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

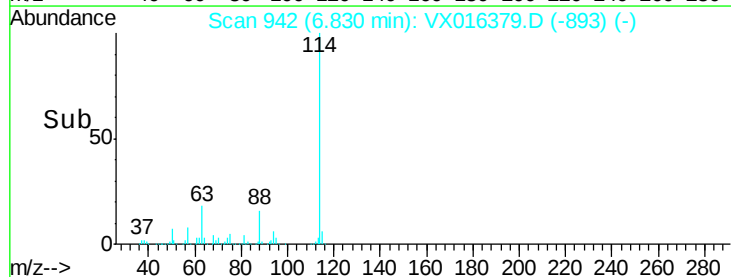
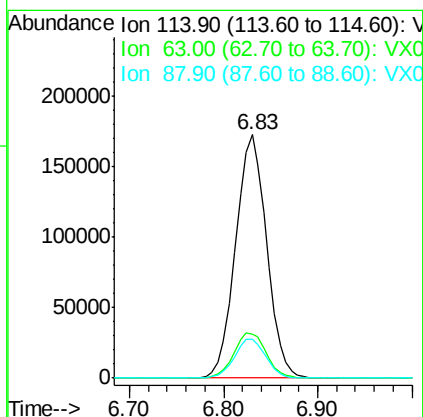
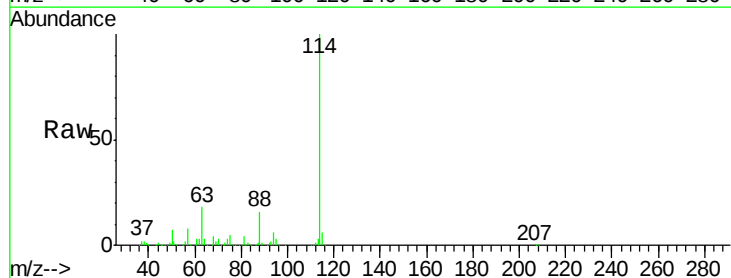
Tgt Ion: 114 Resp: 397316

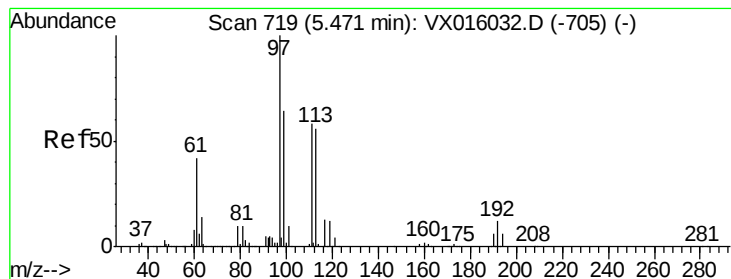
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.8

88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.604 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

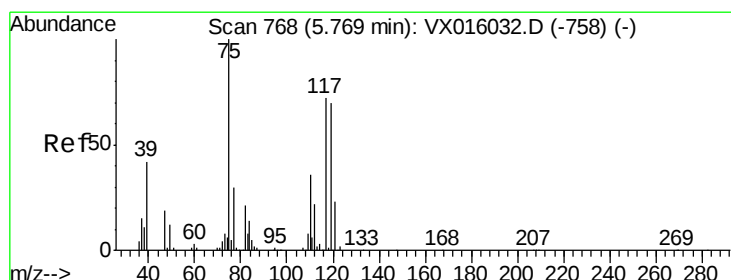
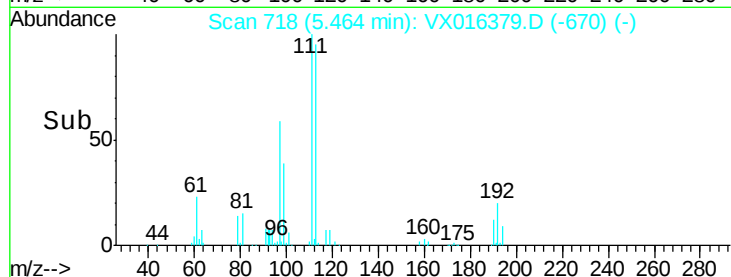
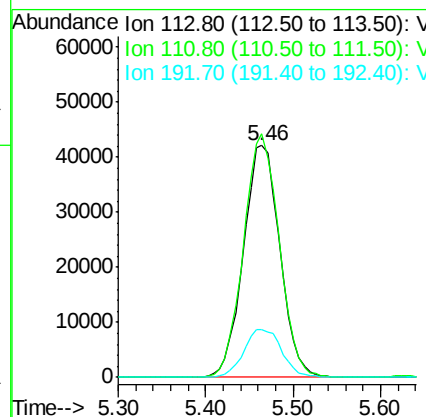
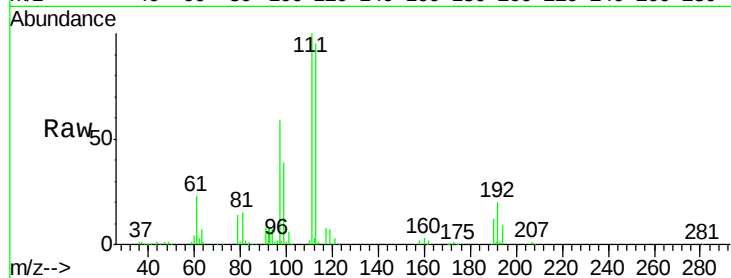
ClientSampleId :

VX0521WBSD01

Tot Ion:	113	Resp:	122345
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.6	122.4
192	21.5	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 17.276 ug/l

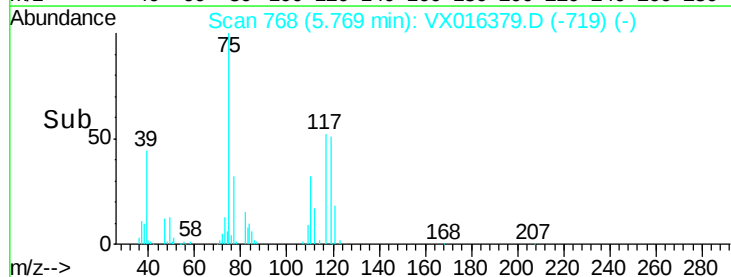
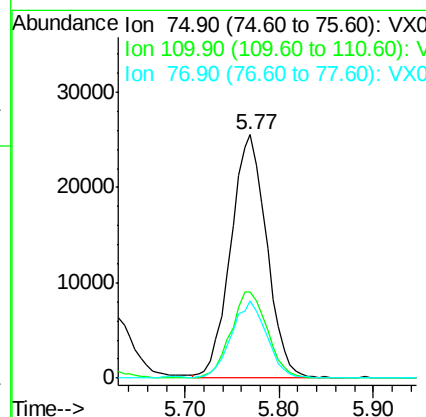
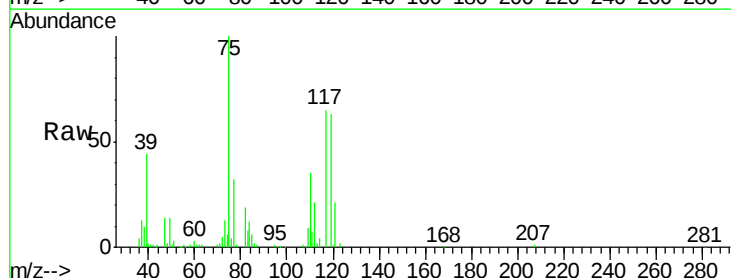
RT: 5.77 min Scan# 768

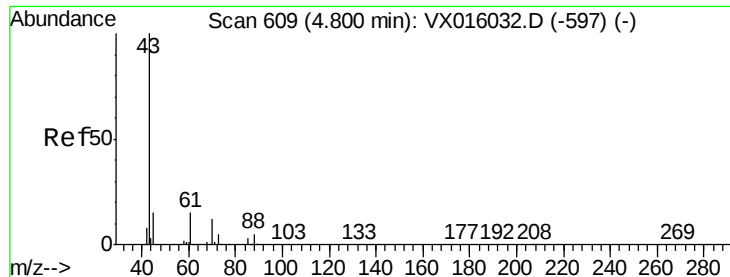
Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion:	75	Resp:	67567
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.1
77	31.2	25.0	37.6





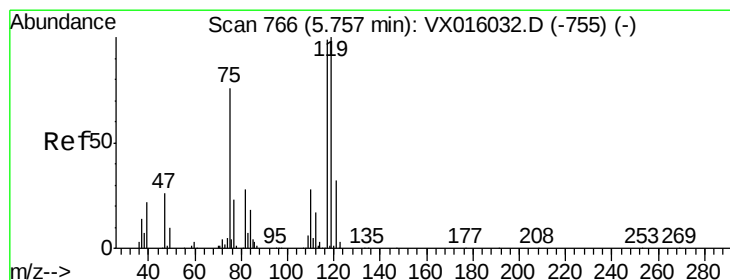
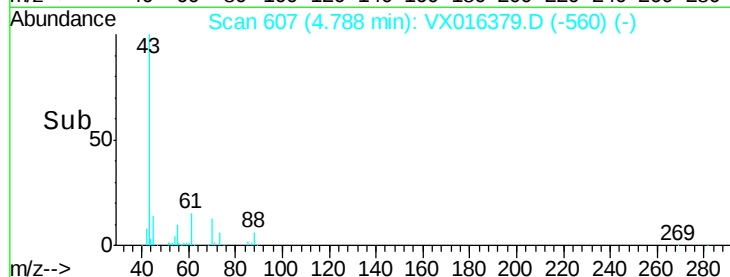
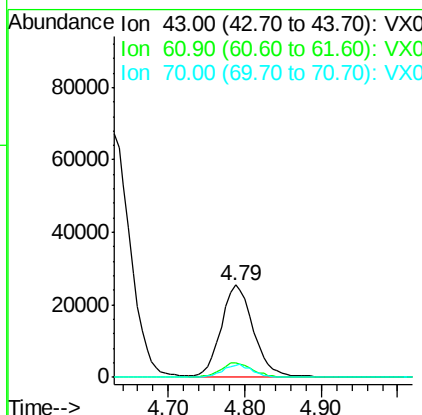
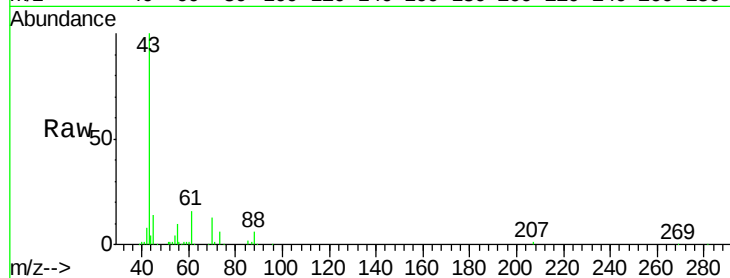
#37
Ethyl Acetate
Concen: 16.227 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.7	17.5
70	13.0	9.3	13.9

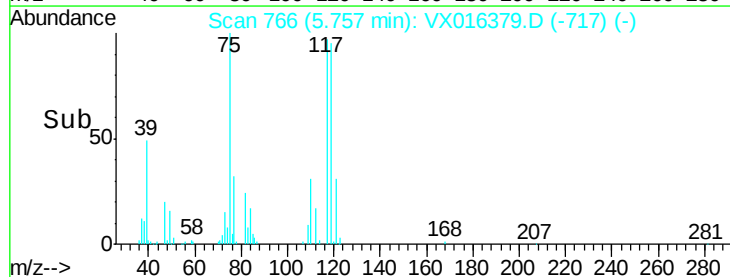
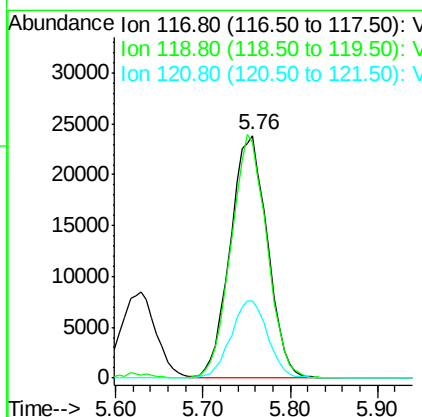
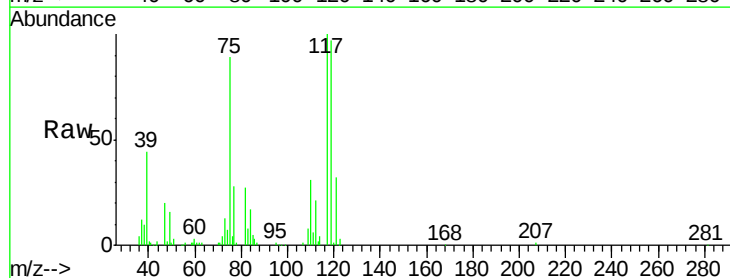
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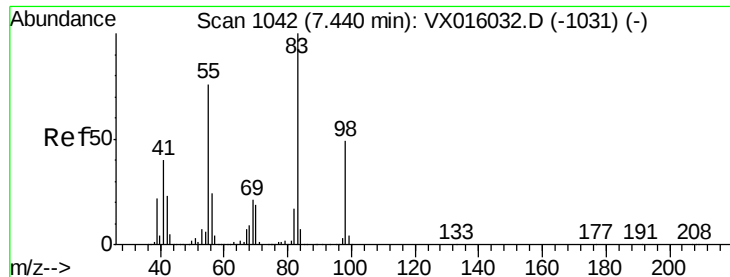
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#38
Carbon Tetrachloride
Concen: 17.758 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	80.3	120.5
121	32.1	25.7	38.5





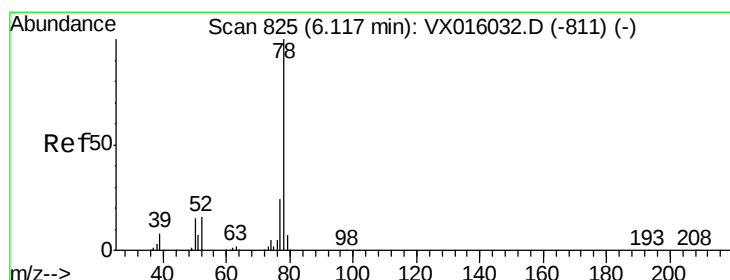
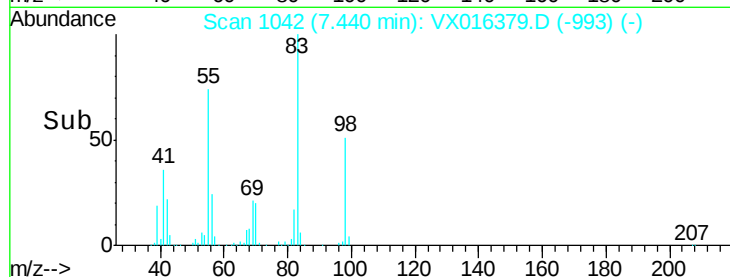
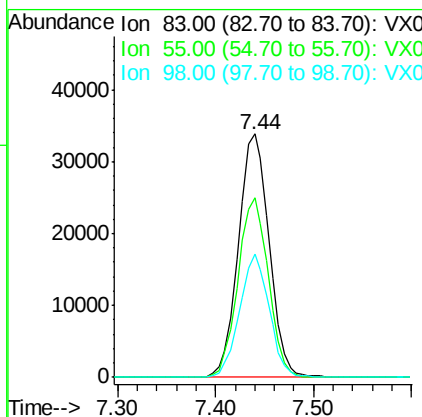
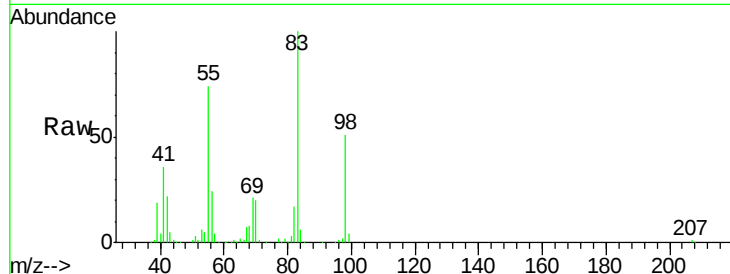
#39
Methylvlcyclohexane
Concen: 15.688 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.1	91.7
98	50.6	39.0	58.4

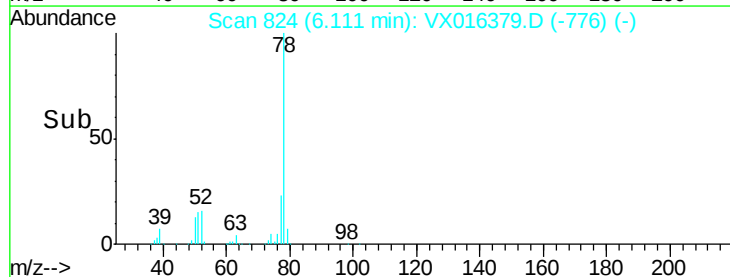
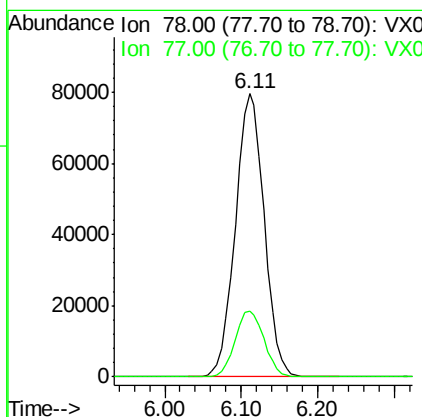
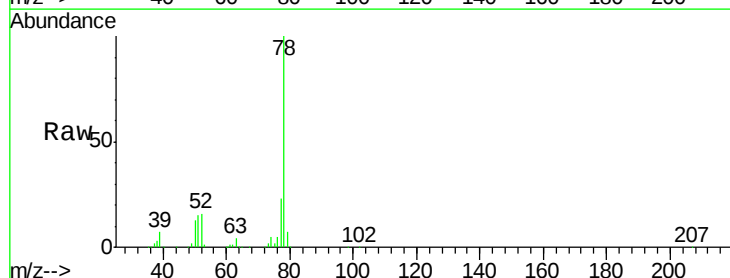
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#40
Benzene
Concen: 18.153 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





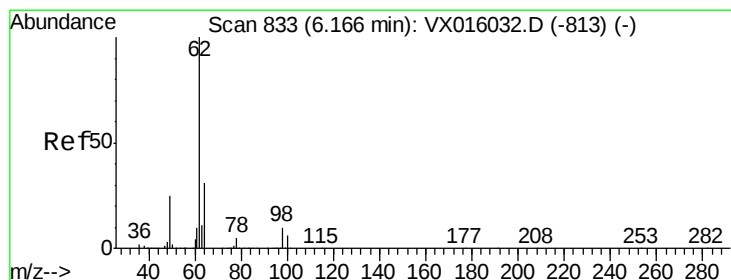
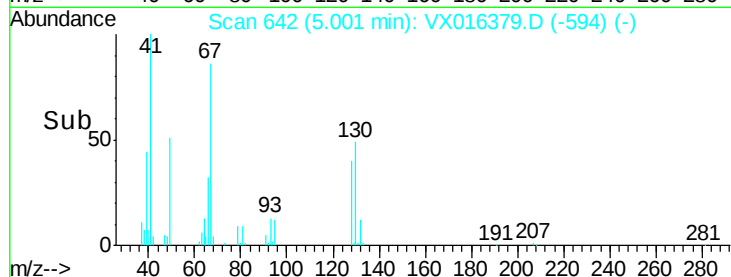
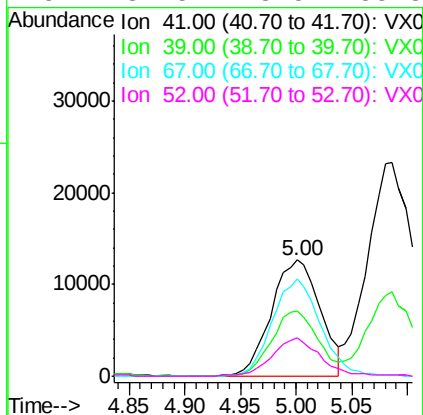
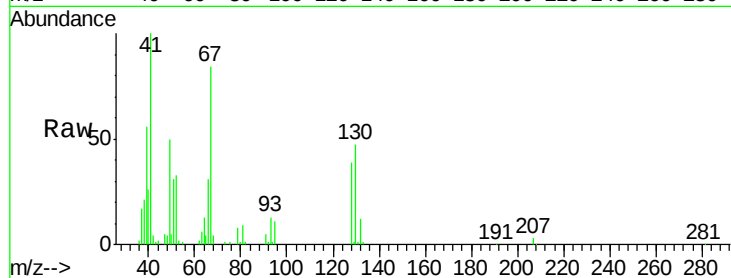
#41
Methacrylonitrile
Concen: 15.872 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		38855		
39	53.3	43.2	64.8		
67	82.2	59.3	88.9		
52	32.5	23.5	35.3		

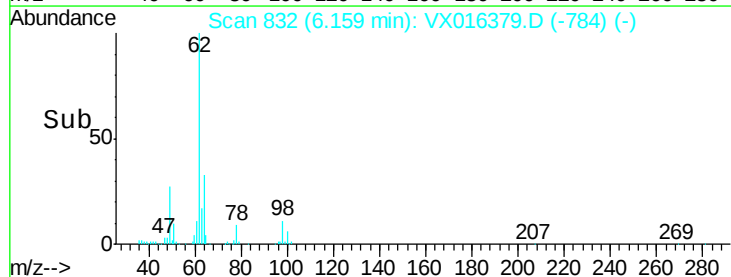
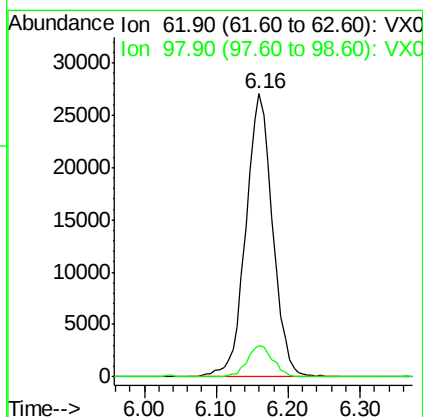
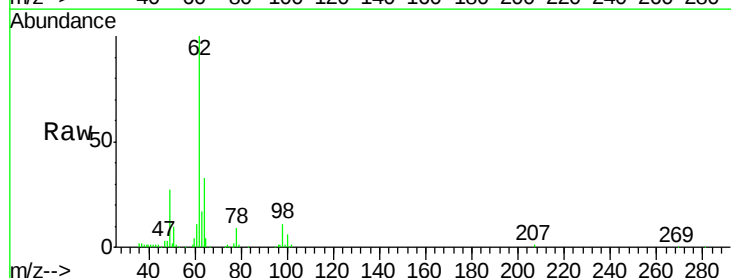
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 16.957 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		69902		
98	10.8	0.0	19.4		





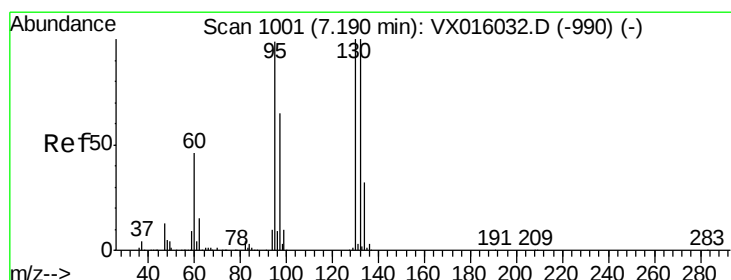
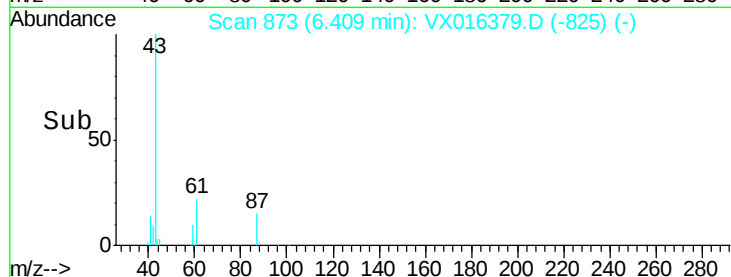
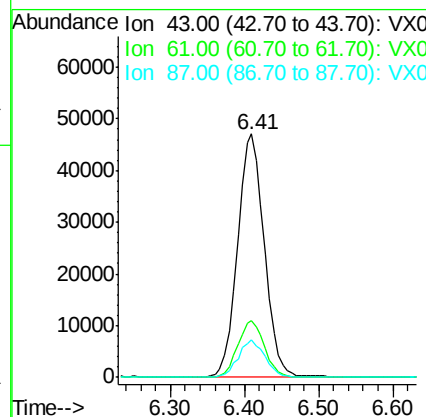
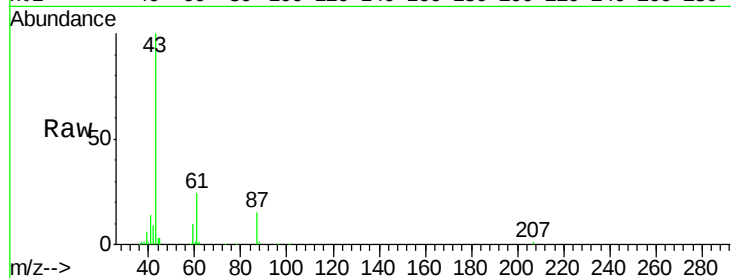
#43
Isopropyl Acetate
Concen: 16.206 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.5	17.0	25.4
87	15.4	11.0	16.6

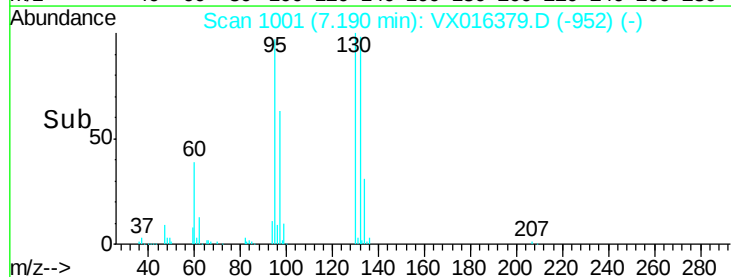
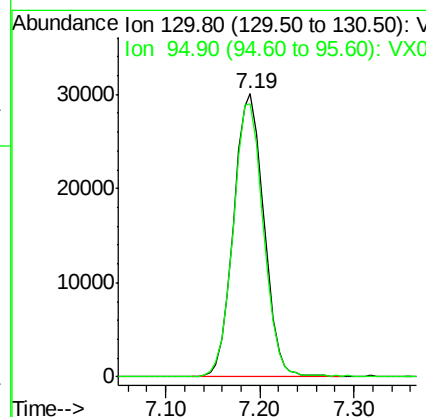
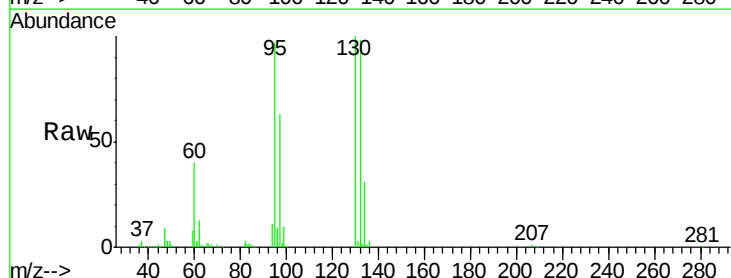
Manual Integrations
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#44
Trichloroethene
Concen: 16.419 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.195 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 63 Resp: 52686

Ion Ratio Lower Upper

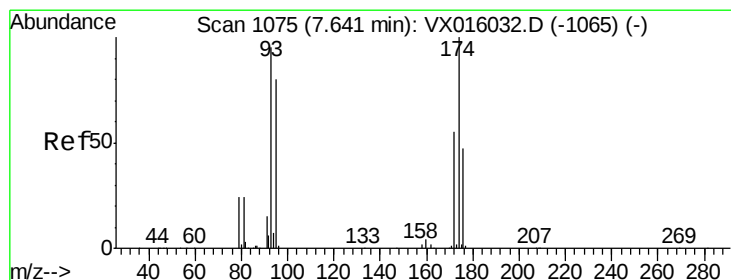
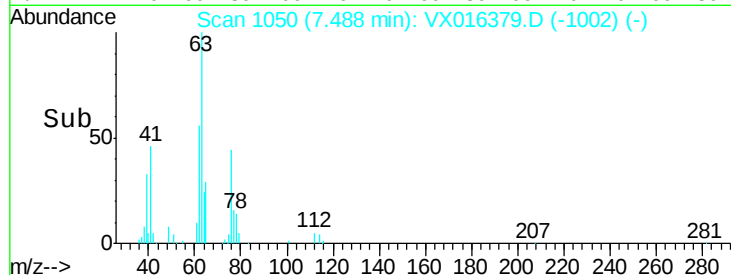
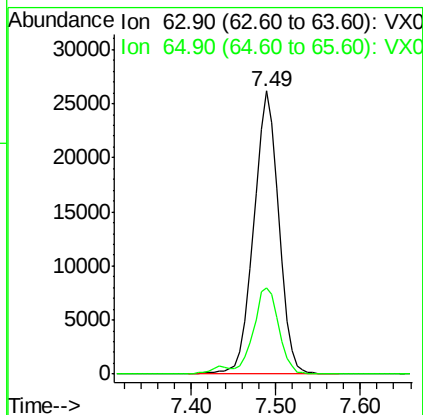
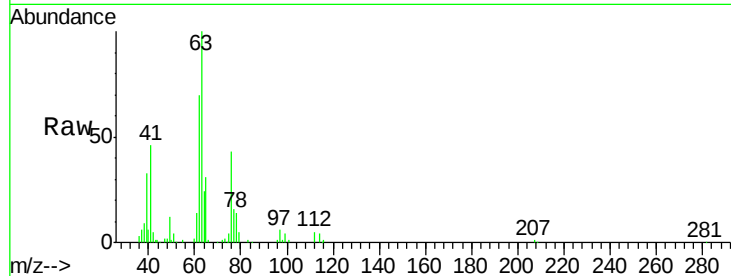
63 100

65 30.7 24.4 36.6

Manual Integrations
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#46

Dibromomethane

Concen: 18.057 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

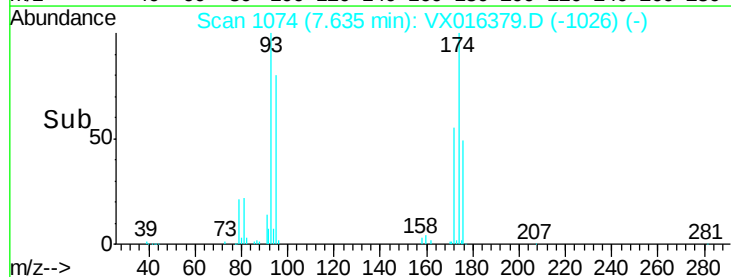
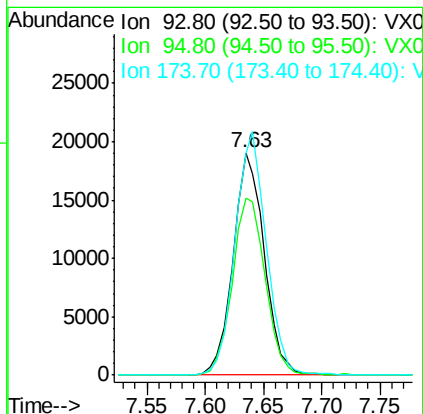
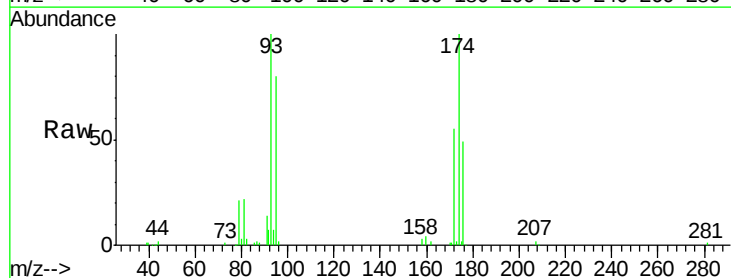
Tgt Ion: 93 Resp: 35531

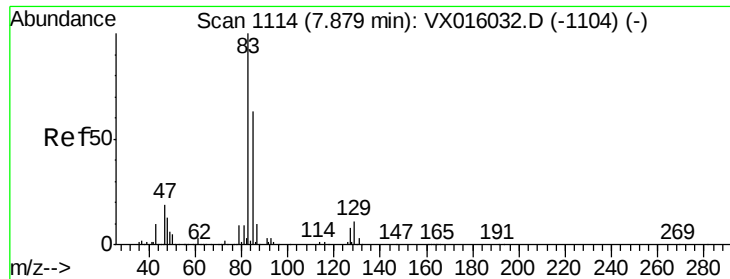
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 109.6 84.2 126.4





#47

Bromodichloromethane

Concen: 17.890 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

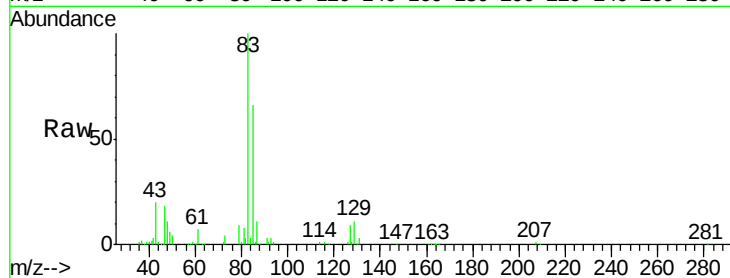
ClientSampleId :

VX0521WBSD01

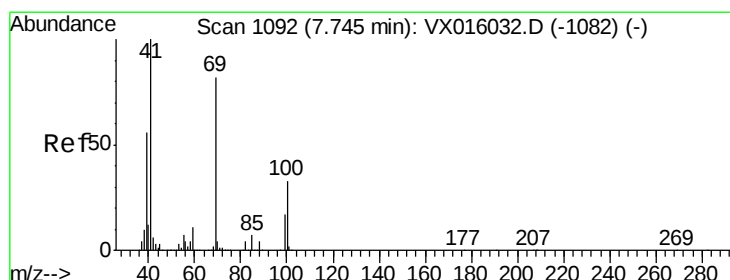
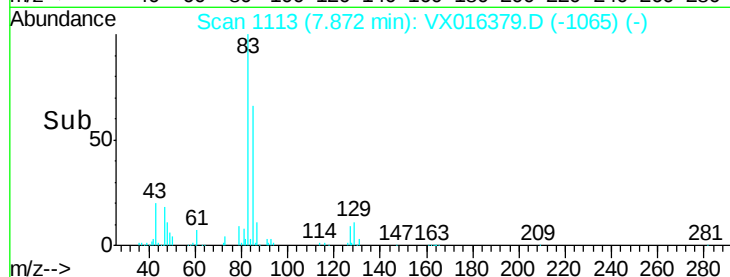
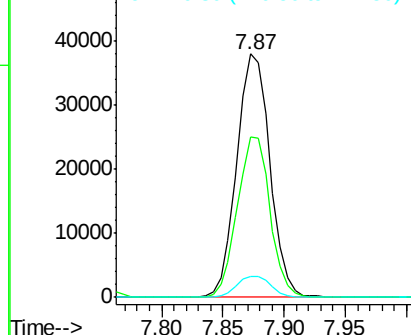
Tot Ion:	83	Resp:	71697
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.5	75.7
127	8.7	6.7	10.1

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



#48

Methyl methacrylate

Concen: 16.125 ug/l

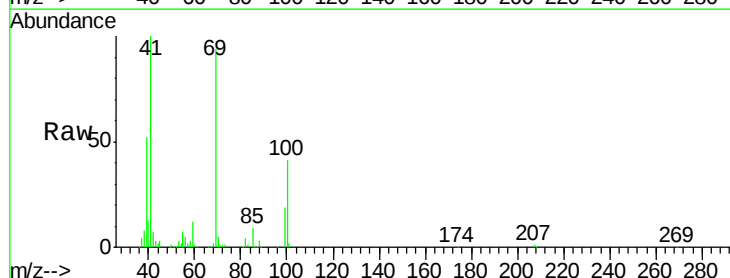
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

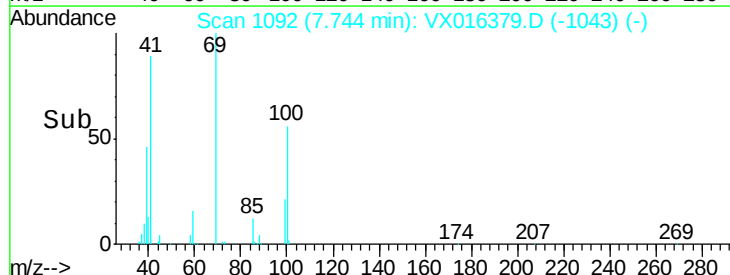
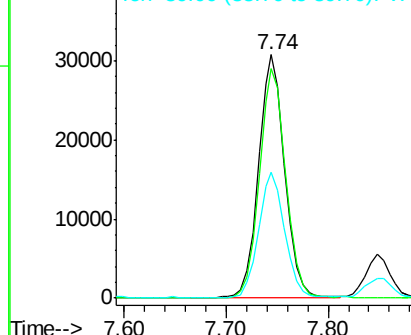
Lab File: VX016379.D

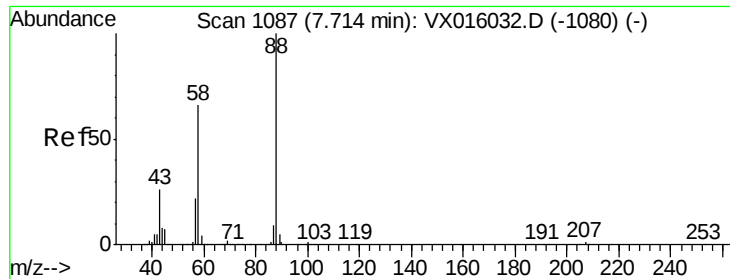
Acq: 21 May 2020 13:33

Tgt Ion:	41	Resp:	55263
Ion	Ratio	Lower	Upper
41	100		
69	94.3	67.8	101.6
39	51.8	44.6	67.0



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





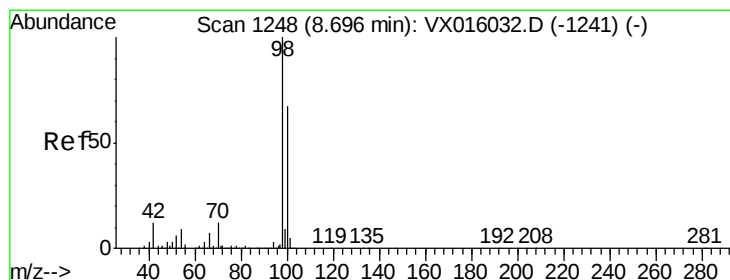
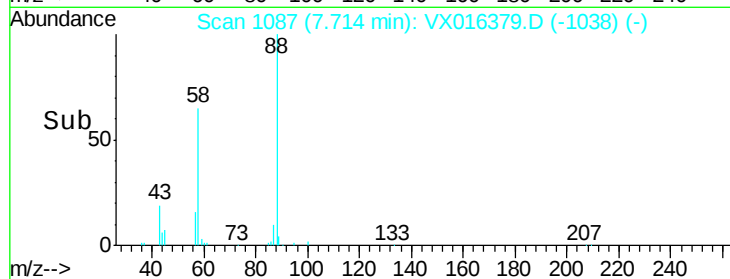
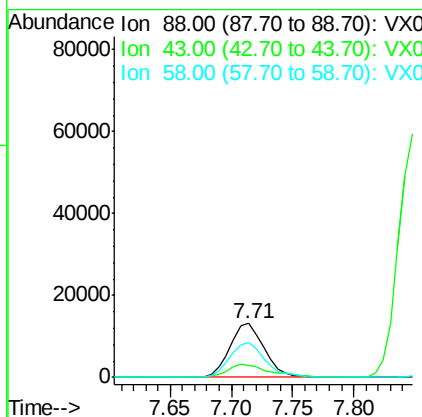
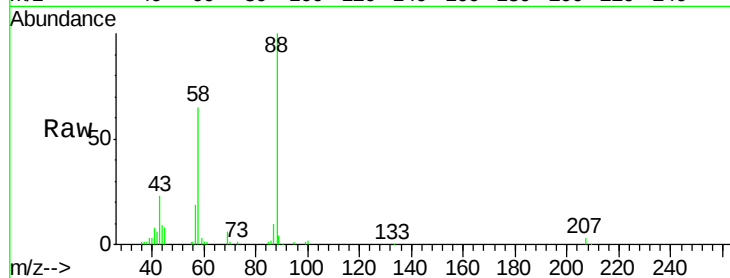
#49
1,4-Dioxane
Concen: 310.754 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	66.9	55.9	83.9

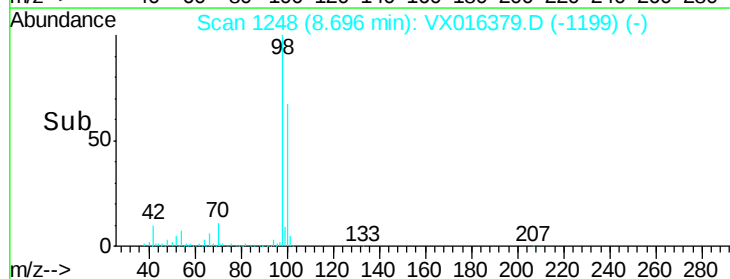
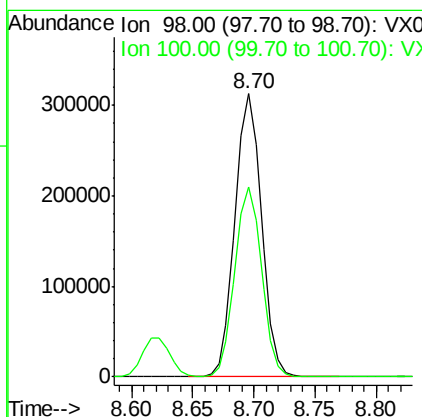
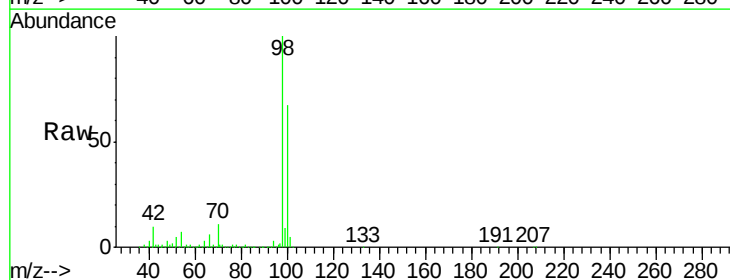
Manual Integrations
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#50
Toluene-d8
Concen: 48.665 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 83.402 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 43 Resp: 369129

Ion Ratio Lower Upper

43 100

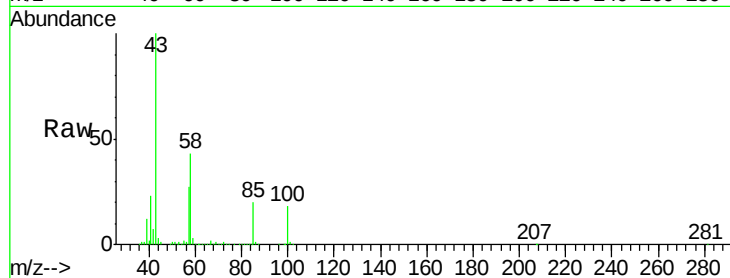
58 43.9 33.0 49.4

Manual Integrations

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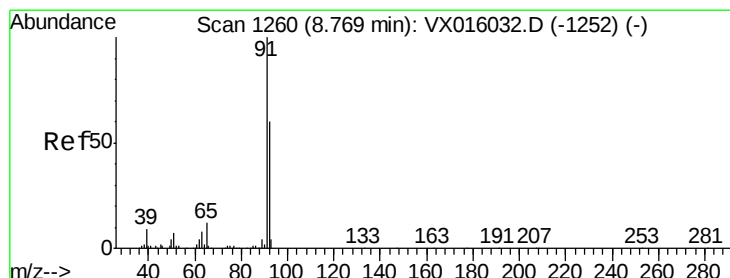
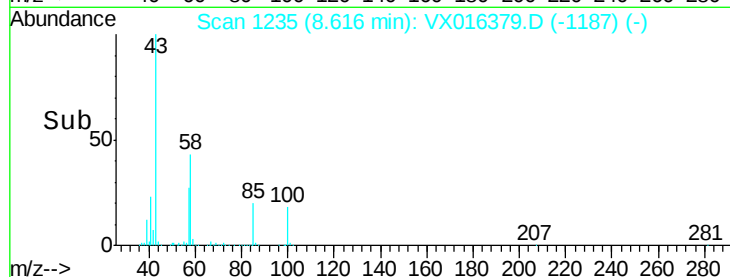
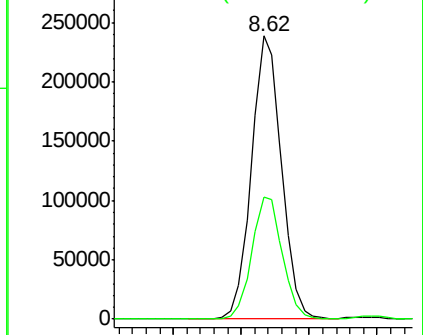
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.930 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016379.D

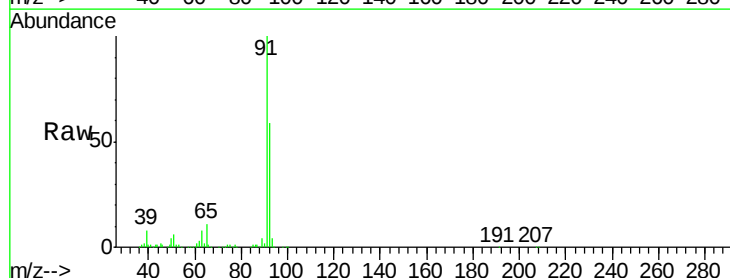
Acq: 21 May 2020 13:33

Tgt Ion: 92 Resp: 135024

Ion Ratio Lower Upper

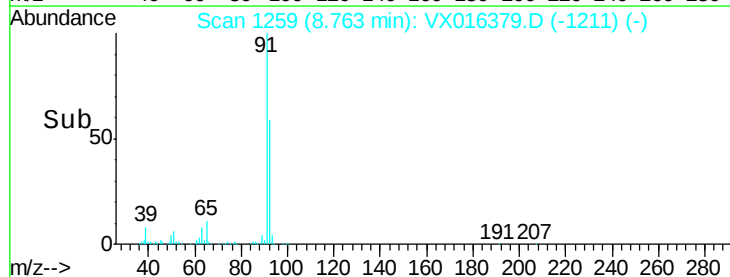
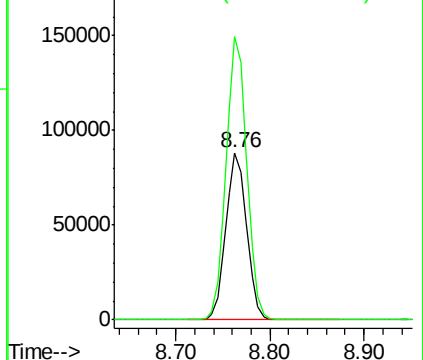
92 100

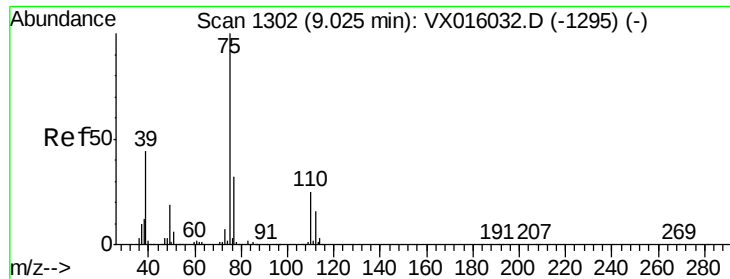
91 168.2 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





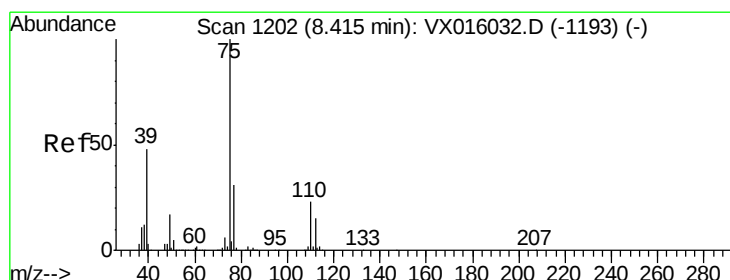
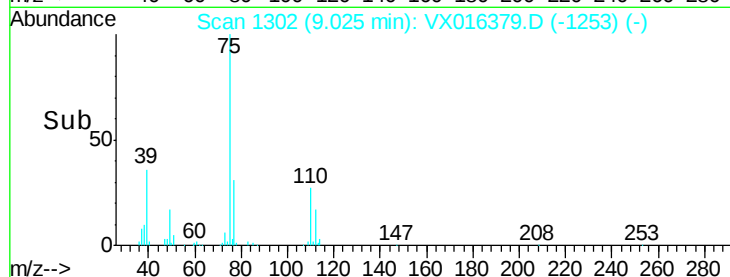
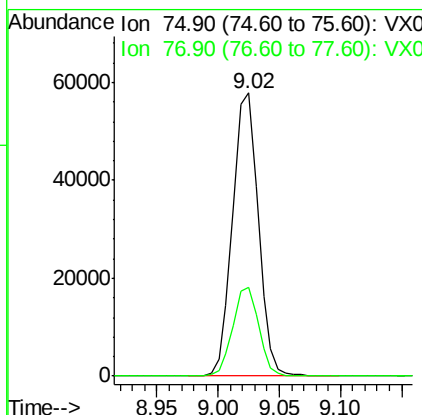
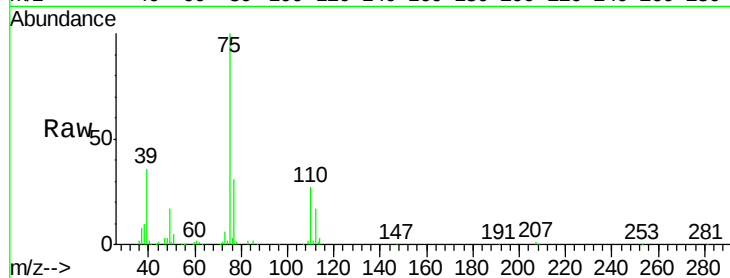
#53
t-1,3-Dichloropropene
Concen: 17.632 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion: 75 Resp: 84250
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

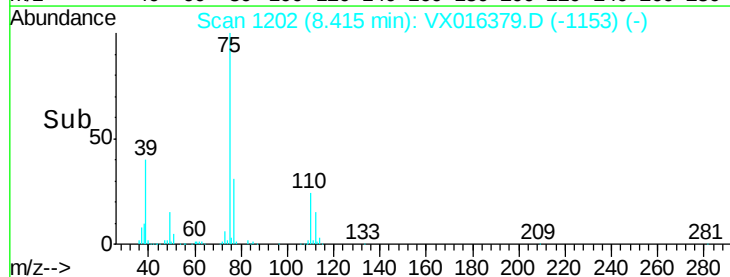
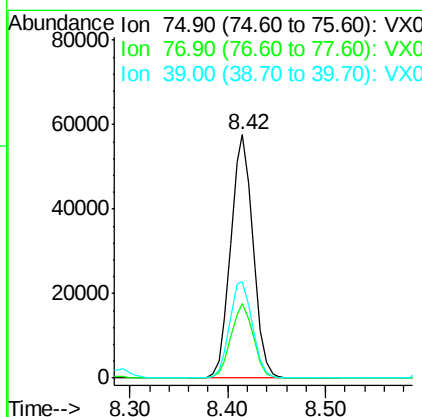
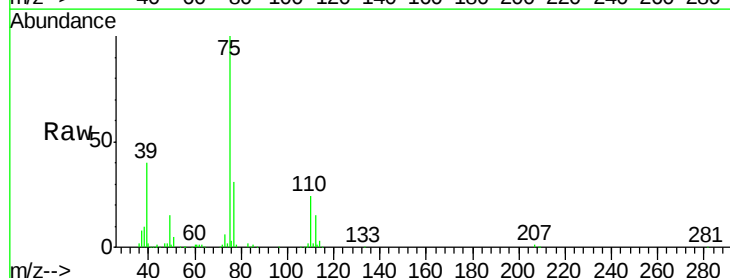
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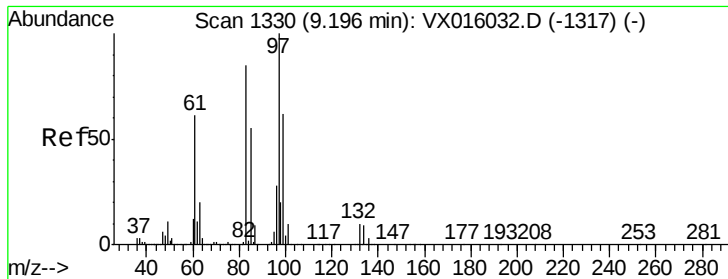
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#54
cis-1,3-Dichloropropene
Concen: 18.320 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 75 Resp: 91433
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 39.7 38.7 58.1





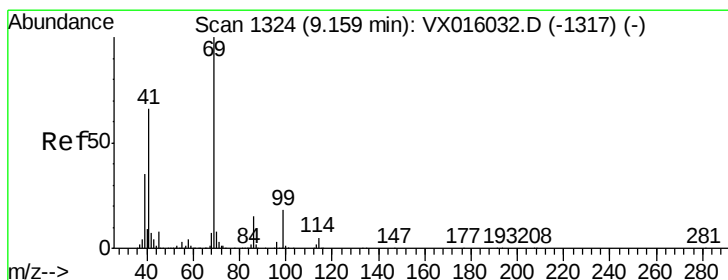
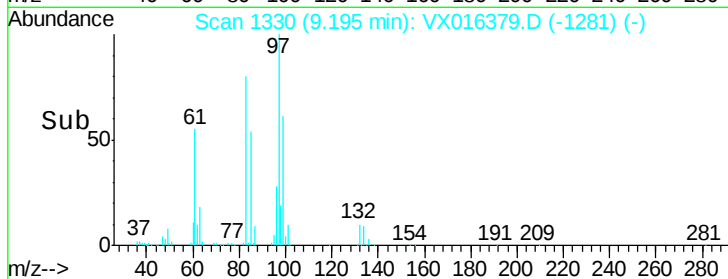
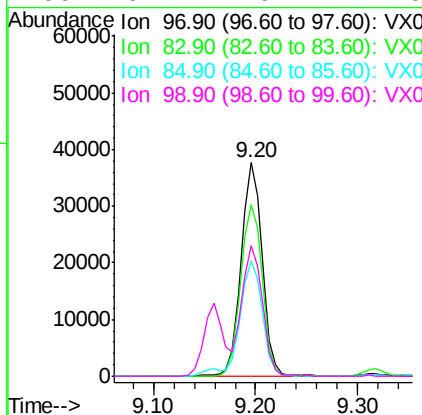
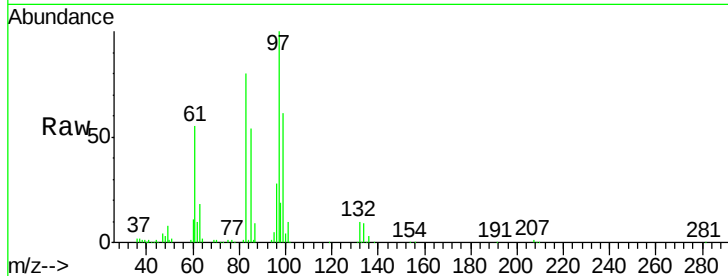
#55
 1,1,2-Trichloroethane
 Concen: 19.125 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Tot Ion:	97	Resp:	53672
Ion	Ratio	Lower	Upper
97	100		
83	80.3	67.8	101.8
85	54.2	43.8	65.8
99	61.4	49.4	74.0

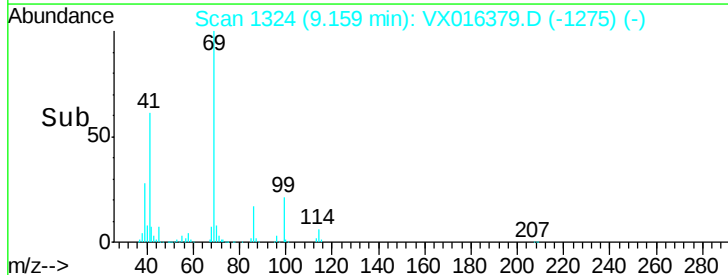
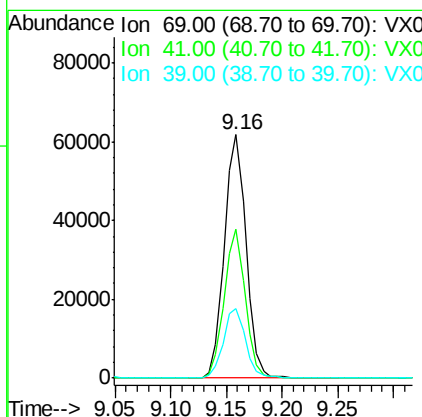
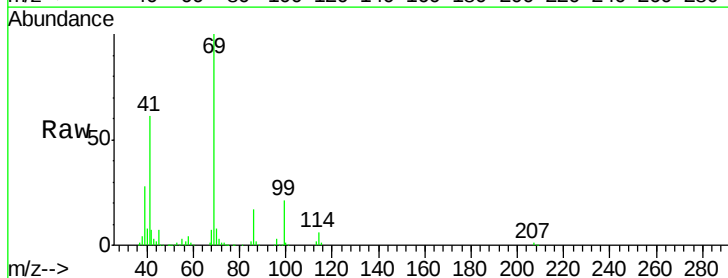
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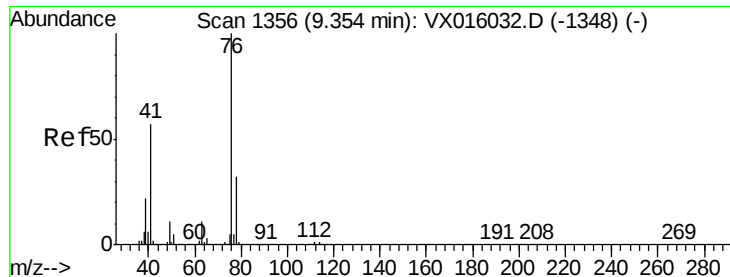
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#56
 Ethyl methacrylate
 Concen: 18.270 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion:	69	Resp:	83691
Ion	Ratio	Lower	Upper
69	100		
41	59.4	52.2	78.4
39	29.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.671 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

VX0521WBSD01

Tot Ion: 76 Resp: 91427

Ion Ratio Lower Upper

76 100

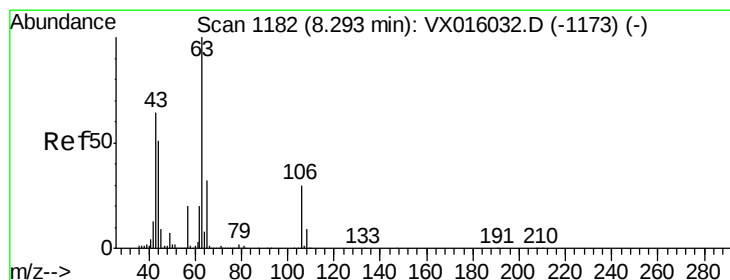
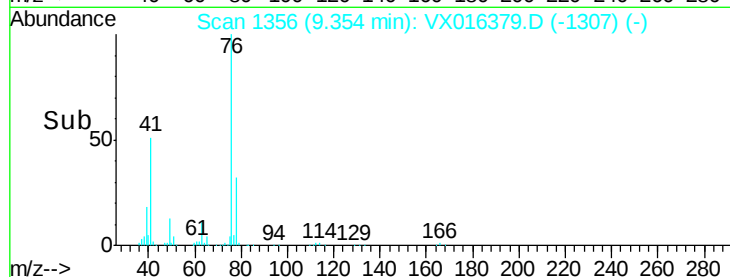
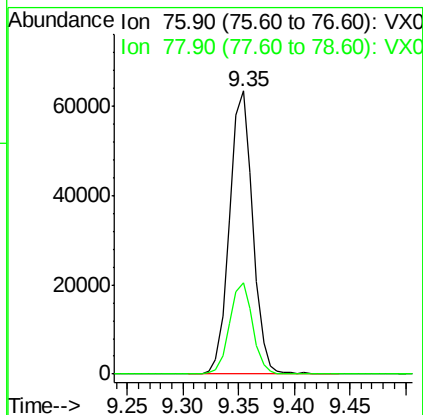
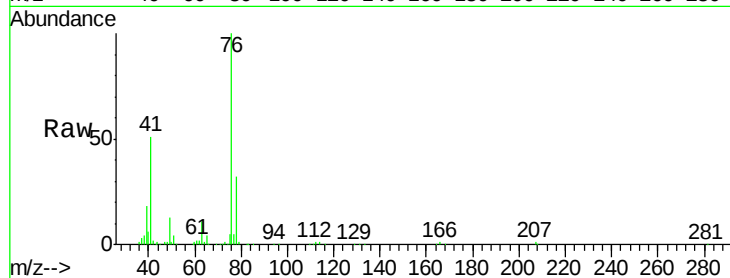
78 32.1 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 82.795 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016379.D

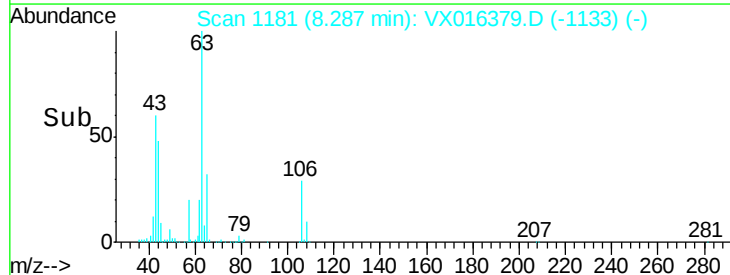
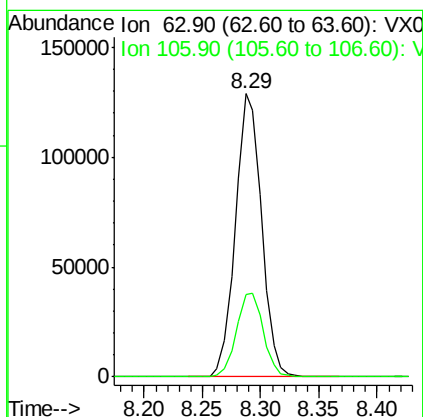
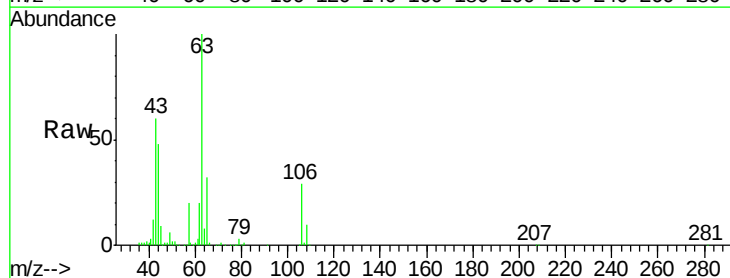
Acq: 21 May 2020 13:33

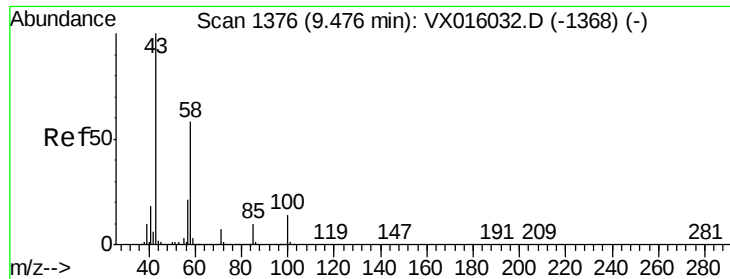
Tgt Ion: 63 Resp: 201914

Ion Ratio Lower Upper

63 100

106 30.3 23.4 35.2





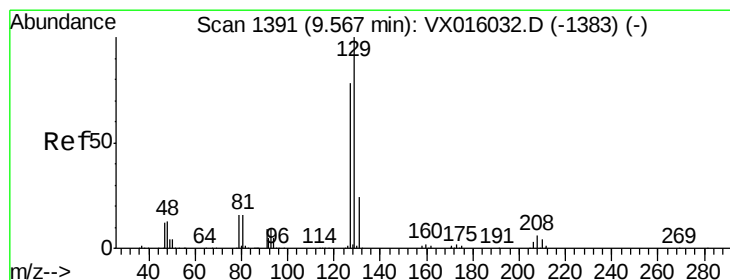
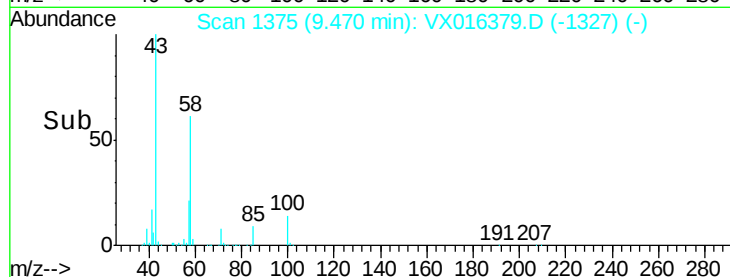
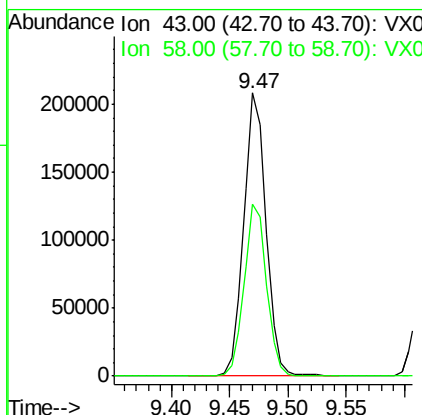
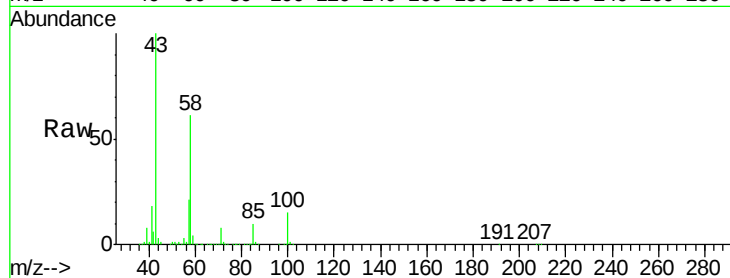
#59
2-Hexanone
Concen: 80.371 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion: 43 Resp: 279351
Ion Ratio Lower Upper
43 100
58 61.5 28.6 85.9

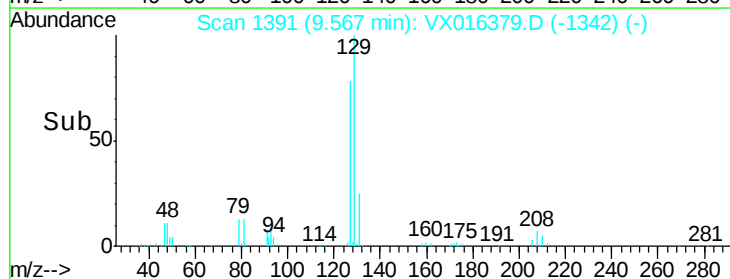
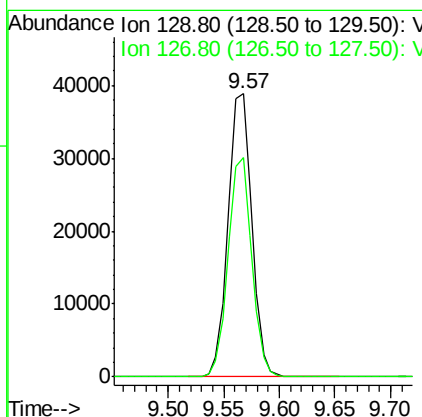
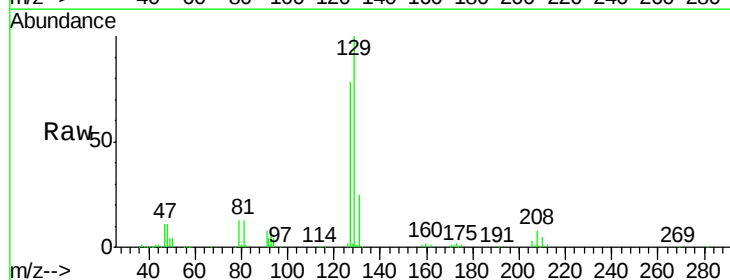
Manual Integrations
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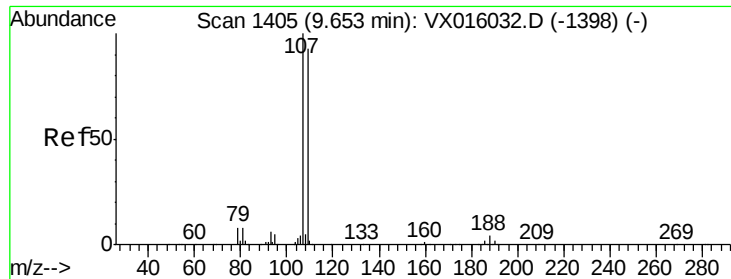
MMDadoda
5/22/2020 4:02:57 PM



#60
Dibromochloromethane
Concen: 18.656 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 129 Resp: 57662
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





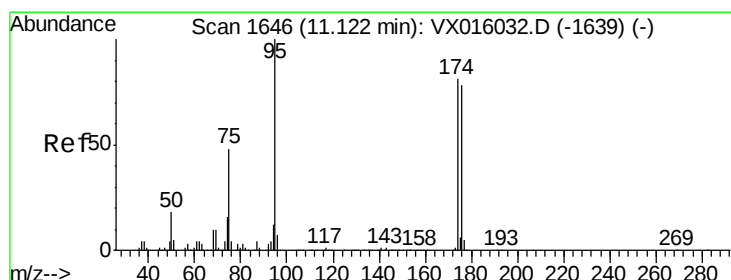
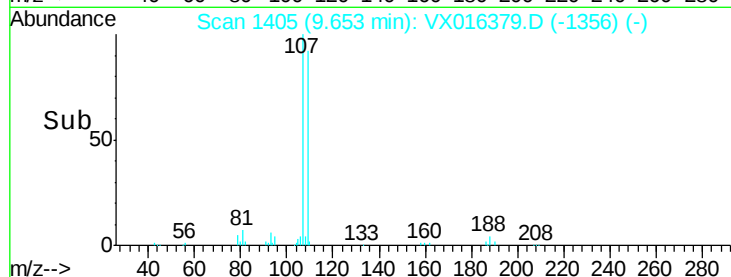
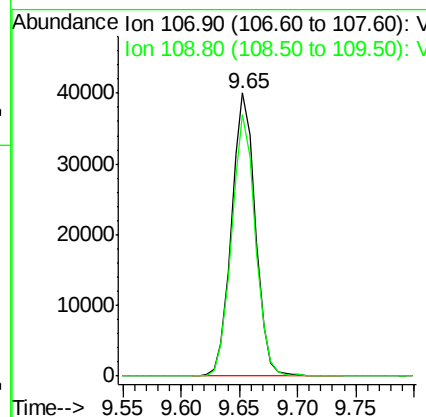
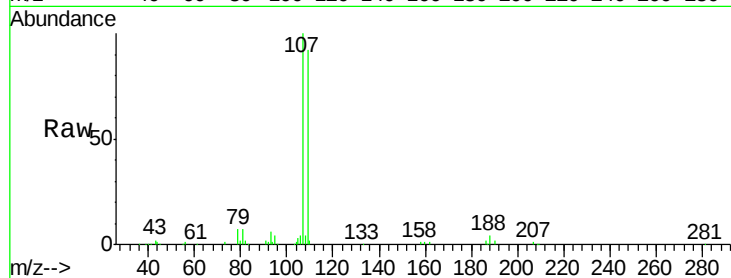
#61
 1,2-Dibromoethane
 Concen: 18.739 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.2	74.9	112.3

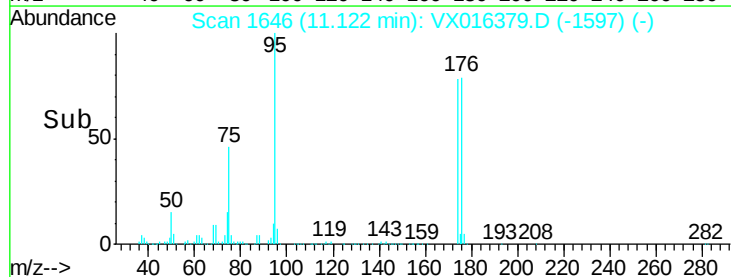
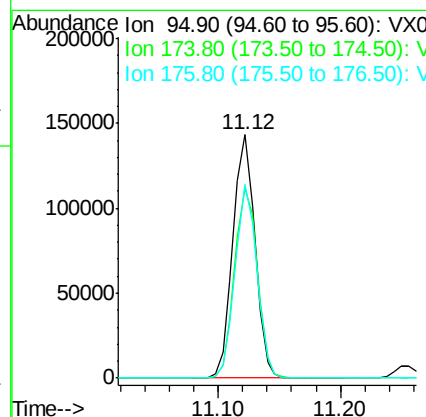
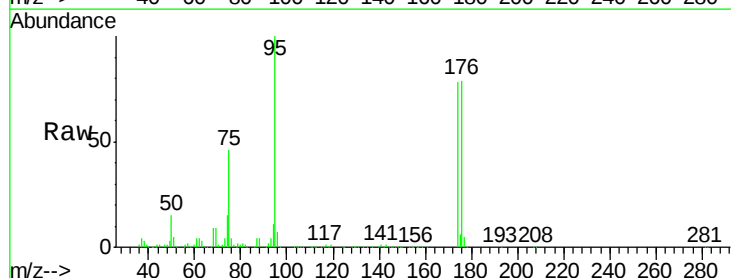
Manual Integrations
 APPROVED

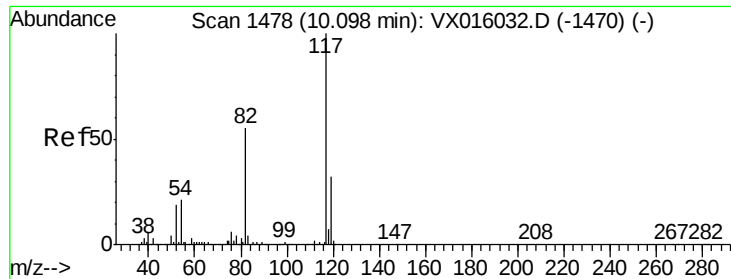
MMDadoda
 5/22/2020 4:02:57 PM



#62
 4-Bromofluorobenzene
 Concen: 48.366 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	159.4
176	78.2	0.0	157.6





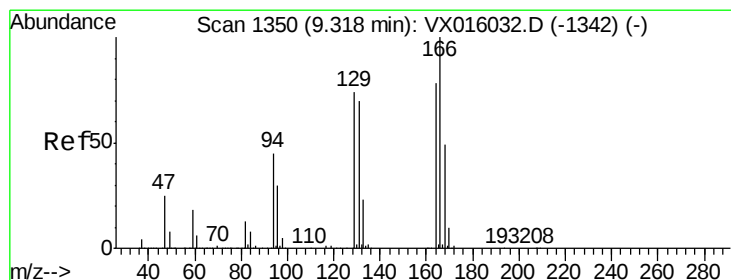
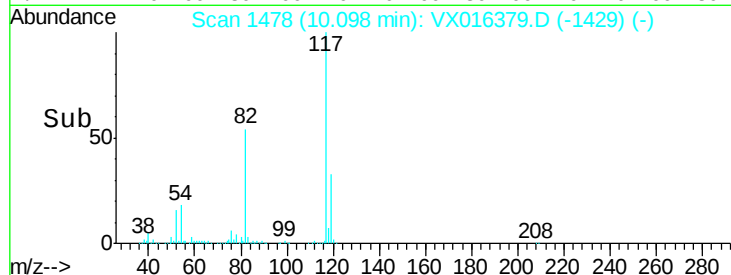
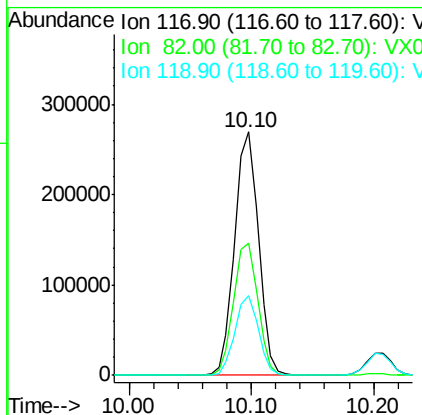
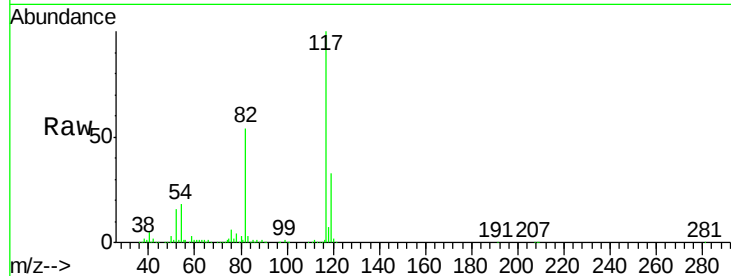
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	362495		
82	54.1		44.4	66.6
119	33.0		25.5	38.3

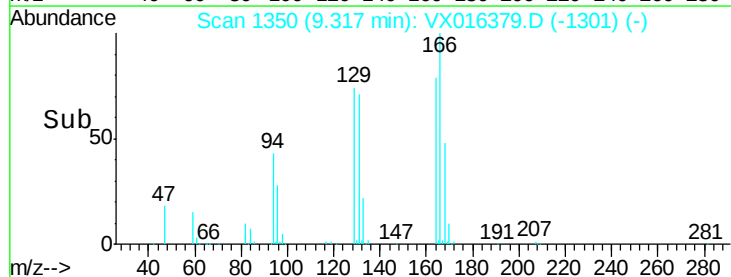
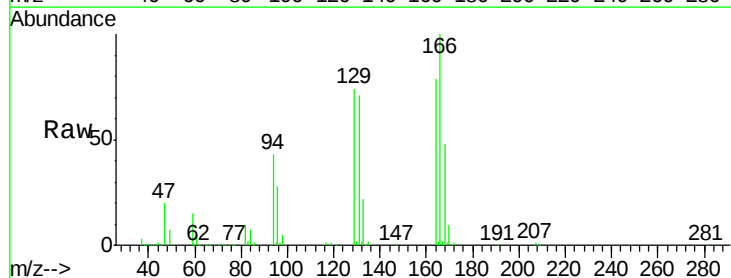
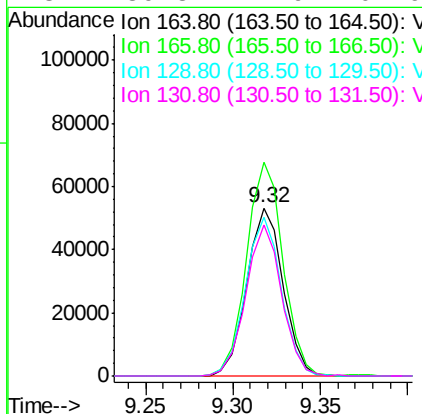
Manual Integrations
APPROVED

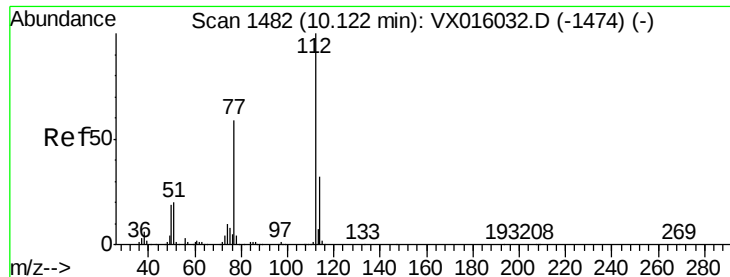
MMDadoda
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#64
Tetrachloroethene
Concen: 17.227 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76662		
166	127.2		102.9	154.3
129	94.6		76.1	114.1
131	89.8		71.9	107.9





#65

Chlorobenzene

Concen: 18.618 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion:112 Resp: 141318

Ion Ratio Lower Upper

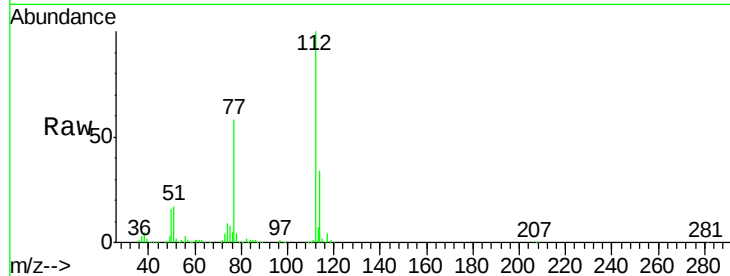
112 100

114 33.7 25.7 38.5

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

120000

100000

80000

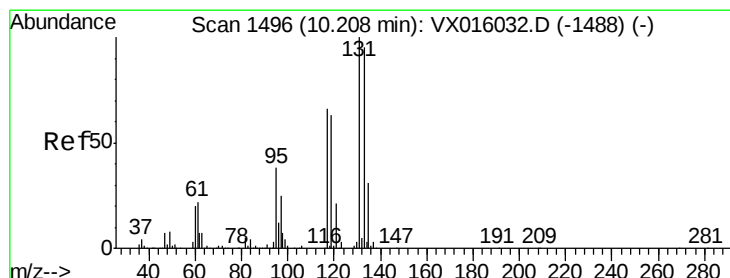
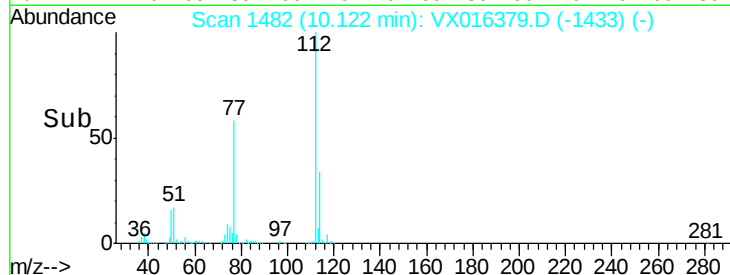
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.815 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

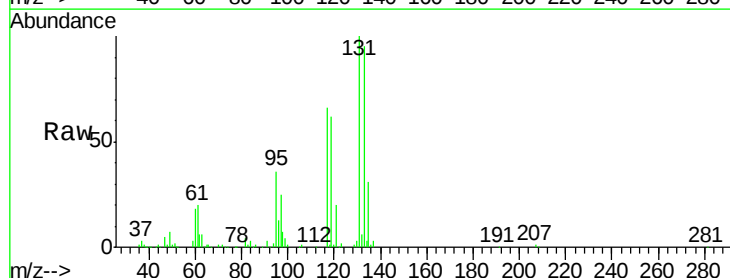
Tgt Ion:131 Resp: 52783

Ion Ratio Lower Upper

131 100

133 96.8 48.3 144.8

119 64.8 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

80000

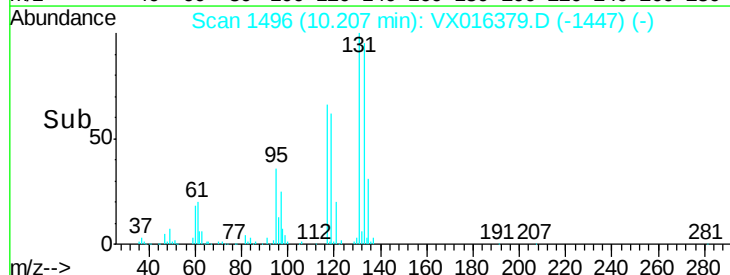
60000

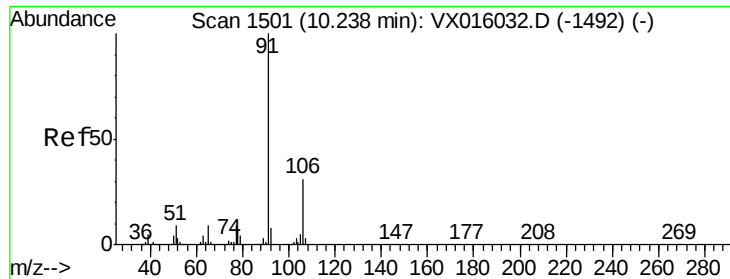
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 18.517 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 91 Resp: 250774

Ion Ratio Lower Upper

91 100

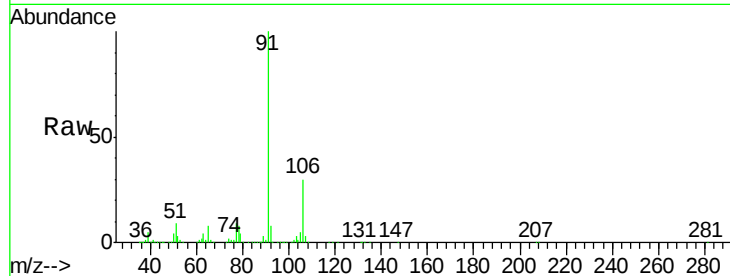
106 30.2 25.1 37.7

Manual Integrations

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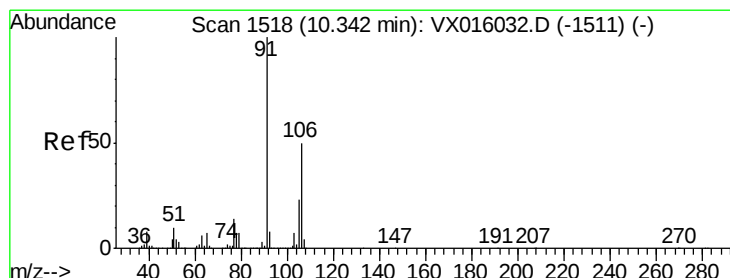
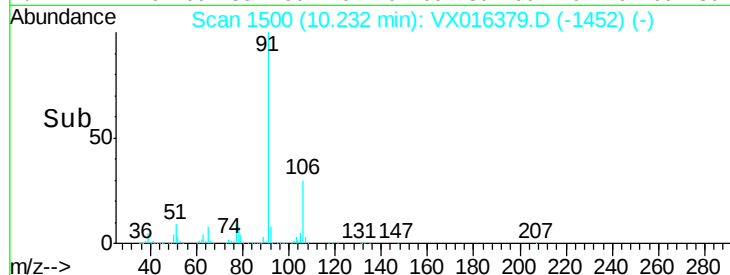
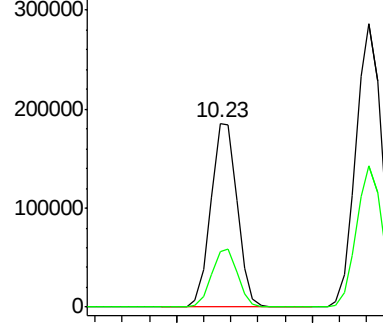
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.486 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016379.D

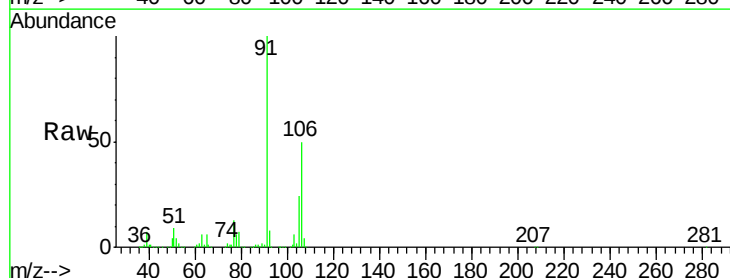
Acq: 21 May 2020 13:33

Tgt Ion: 106 Resp: 190206

Ion Ratio Lower Upper

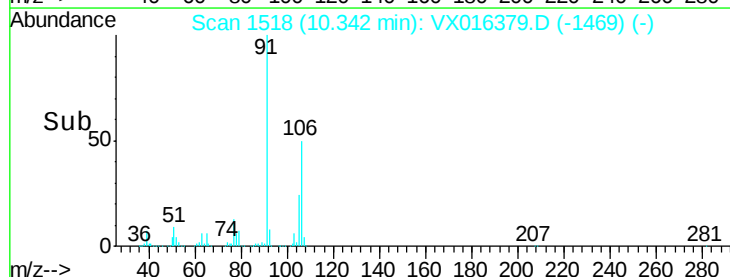
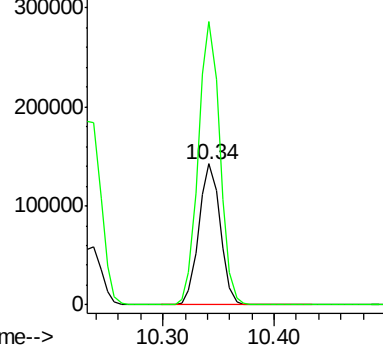
106 100

91 201.8 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





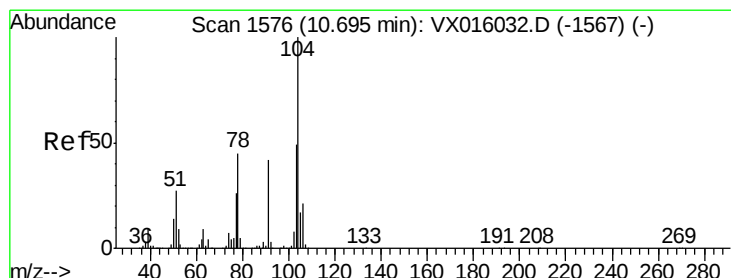
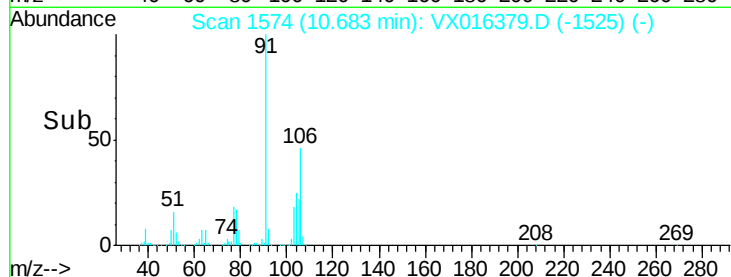
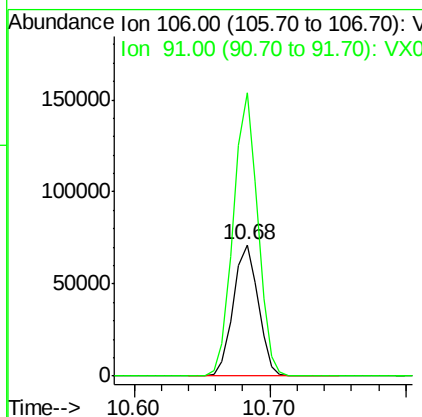
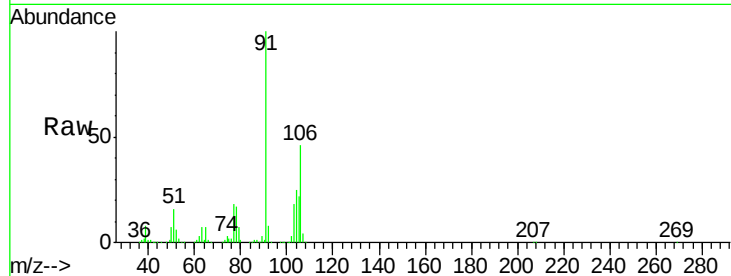
#69
o-Xylene
Concen: 18.766 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.0	107.5	322.6	

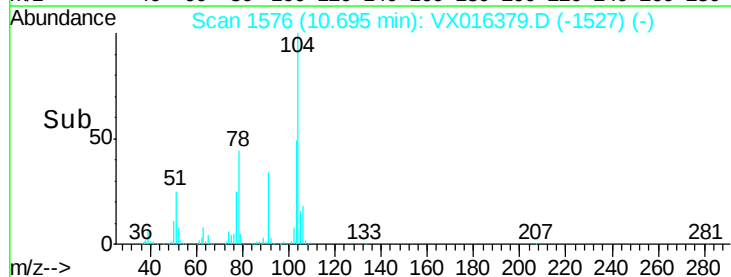
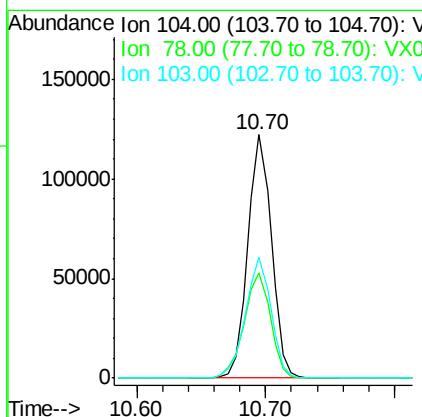
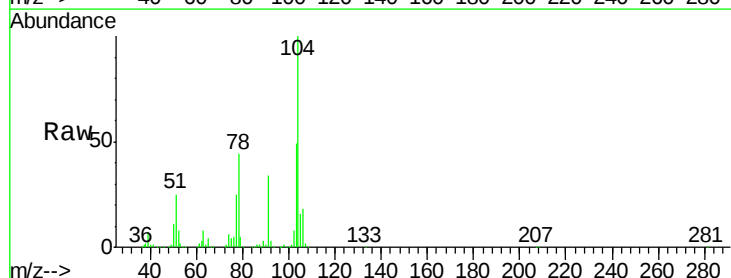
Manual Integrations
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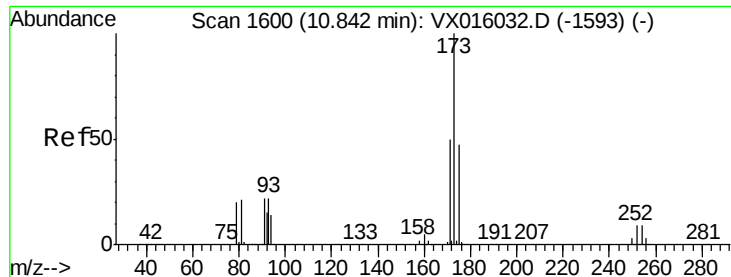
MMDadoda
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#70
Styrene
Concen: 18.643 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.5	40.2	60.2	
103	53.6	43.0	64.6	





#71

Bromoform

Concen: 19.195 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion:173 Resp: 43873

Ion Ratio Lower Upper

173 100

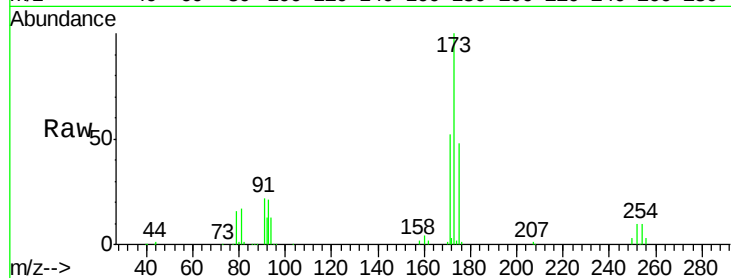
175 47.7 24.0 72.0

254 0.0 0.1 0.1#

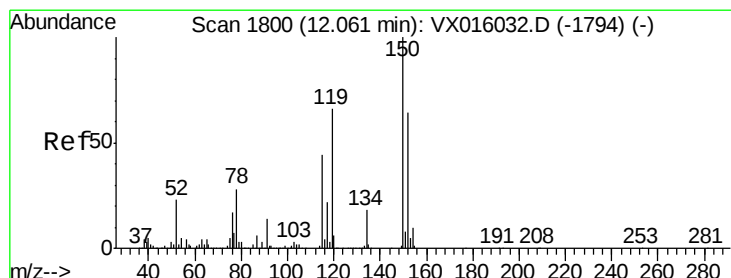
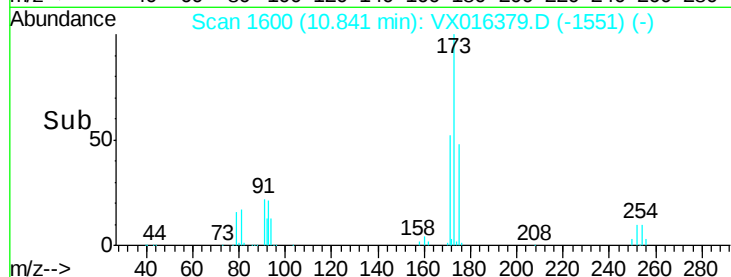
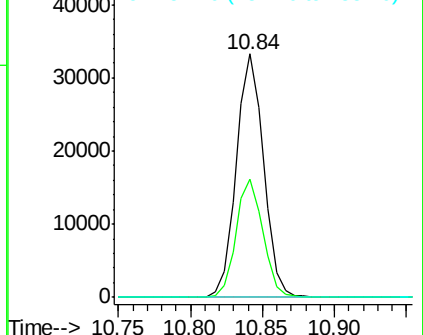
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

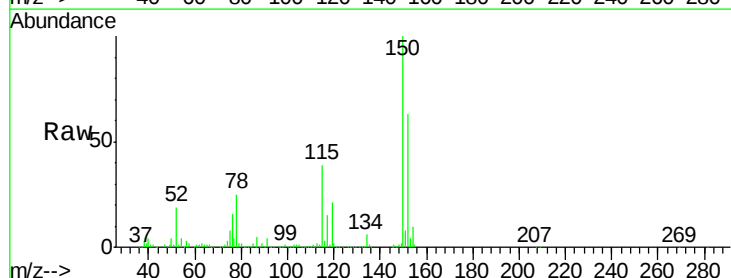
Tgt Ion:152 Resp: 178998

Ion Ratio Lower Upper

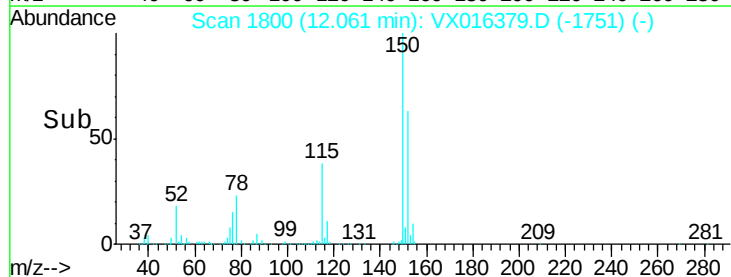
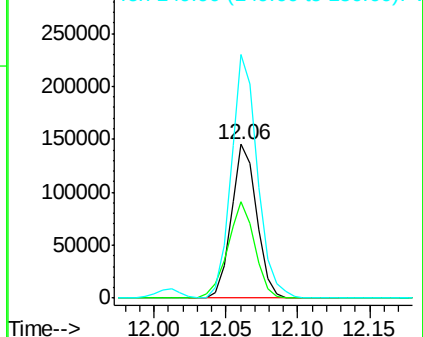
152 100

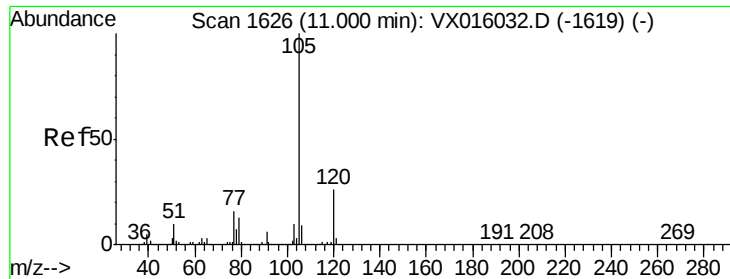
115 67.3 41.3 124.1

150 163.7 0.0 352.2



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





#73

Isopropylbenzene

Concen: 18.472 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion:105 Resp: 240487

Ion Ratio Lower Upper

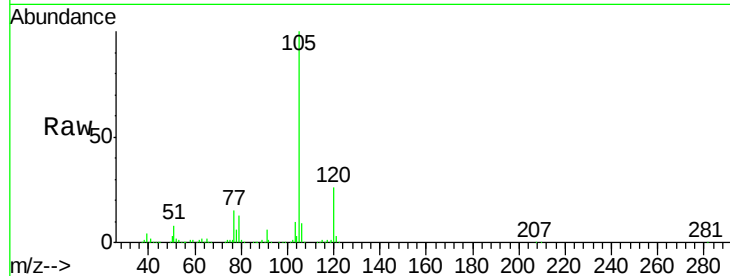
105 100

120 25.9 13.4 40.2

Manual Integrations
APPROVED

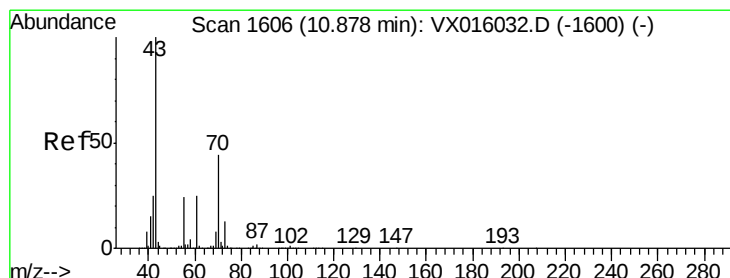
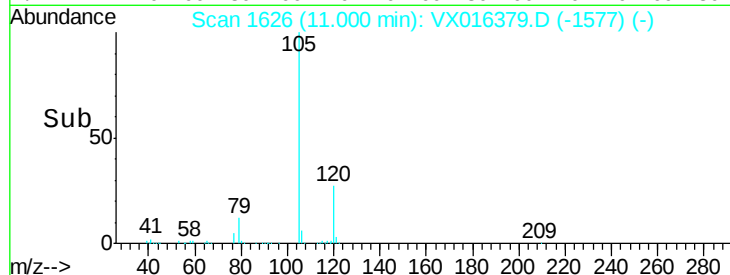
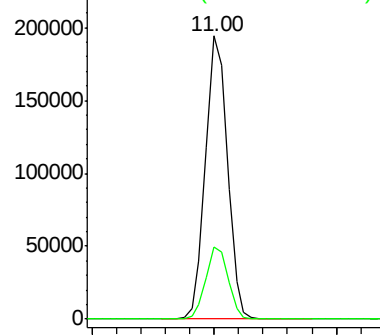
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.279 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion: 43 Resp: 98857

Ion Ratio Lower Upper

43 100

70 49.4 36.5 54.7

55 26.8 19.7 29.5

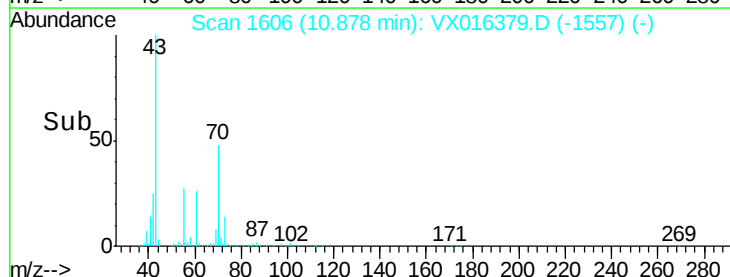
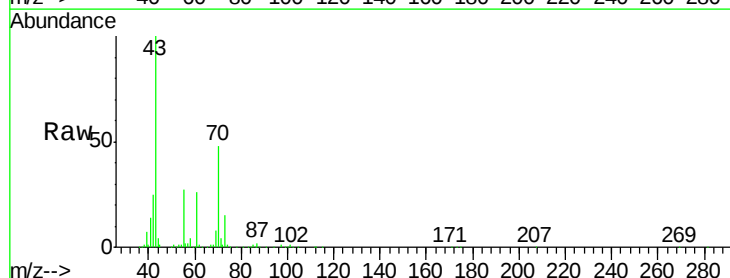
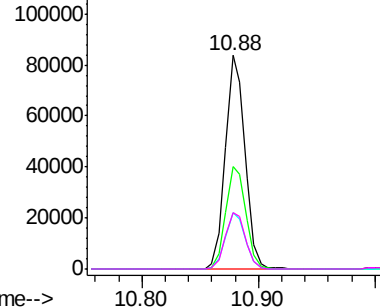
61 27.2 20.9 31.3

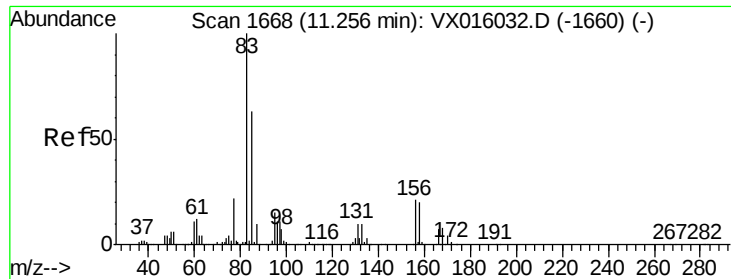
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 25.074 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion: 83 Resp: 58478

Ion Ratio Lower Upper

83 100

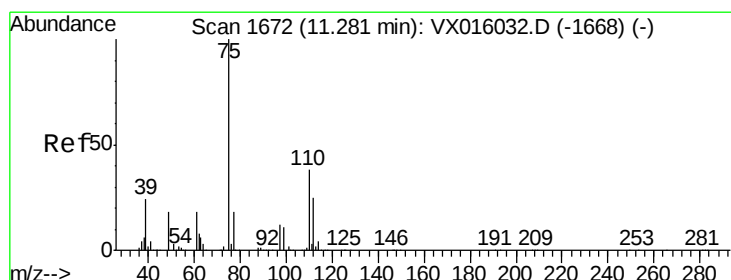
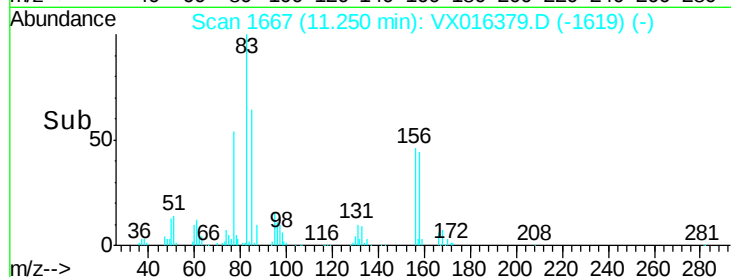
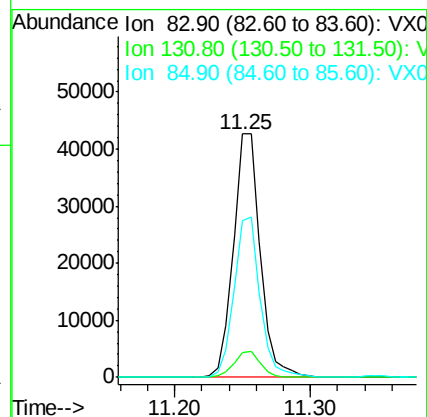
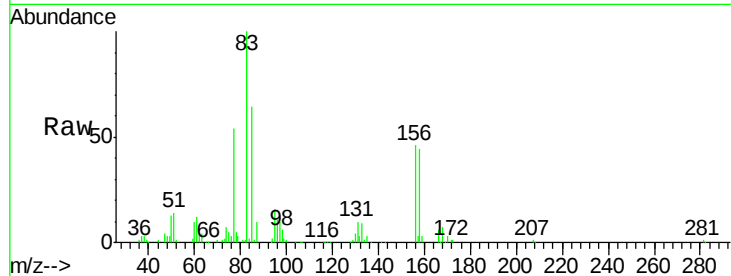
131 10.5 5.1 15.4

85 64.3 32.0 96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.380 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016379.D

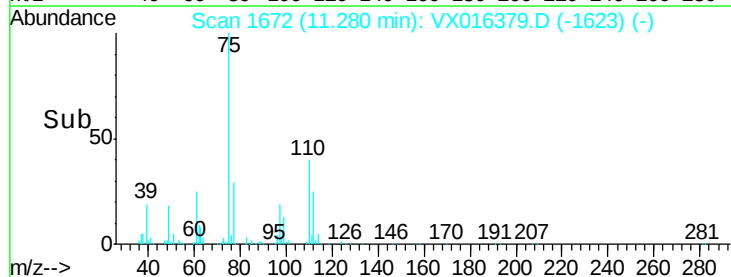
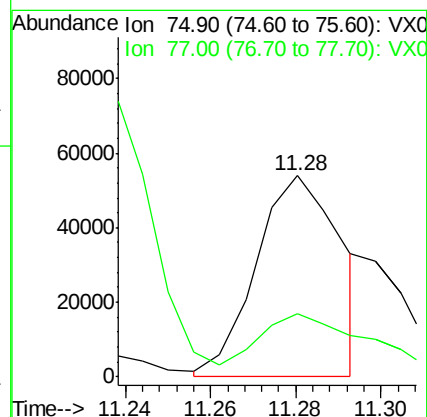
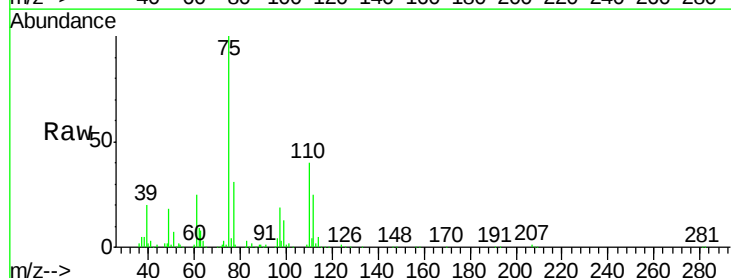
Acq: 21 May 2020 13:33

Tgt Ion: 75 Resp: 74657

Ion Ratio Lower Upper

75 100

77 41.4 21.2 63.6





#77

Bromobenzene

Concen: 18.204 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

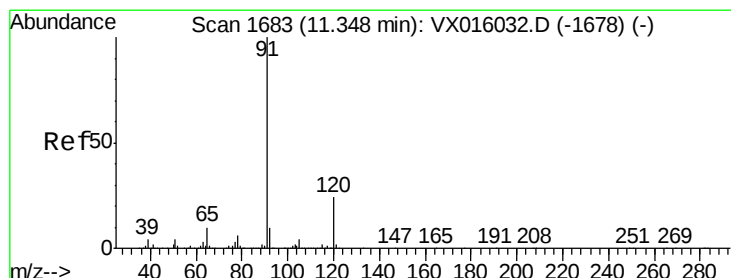
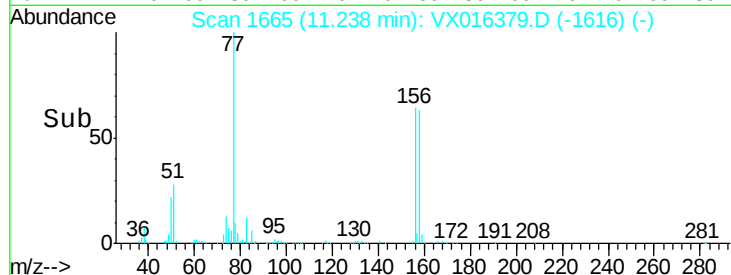
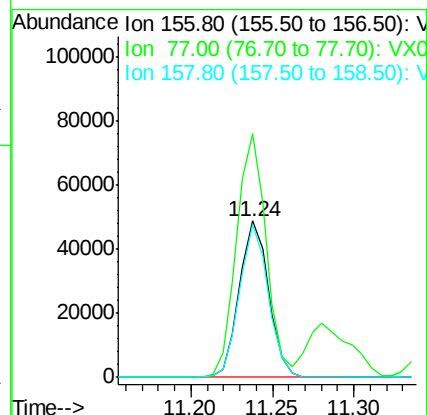
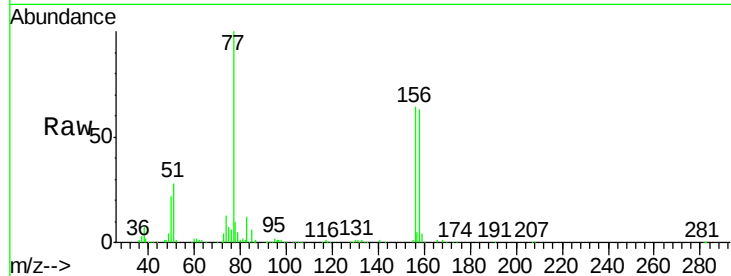
ClientSampleId :

VX0521WBSD01

Tot Ion:	156	Resp:	61174
Ion Ratio	Lower	Upper	
156	100		
77	157.2	80.1	240.3
158	95.7	49.4	148.2

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#78

n-propylbenzene

Concen: 17.640 ug/l

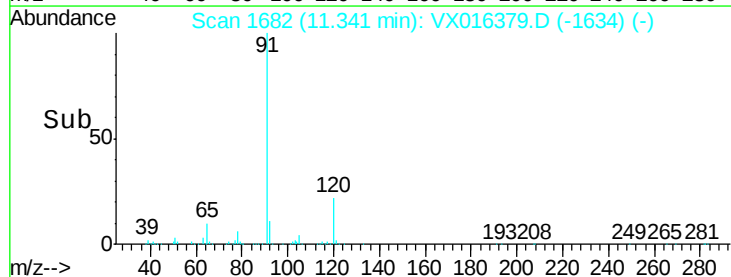
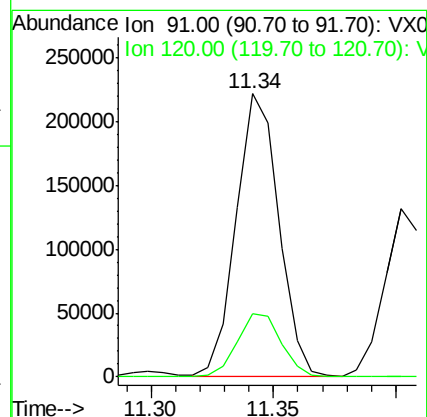
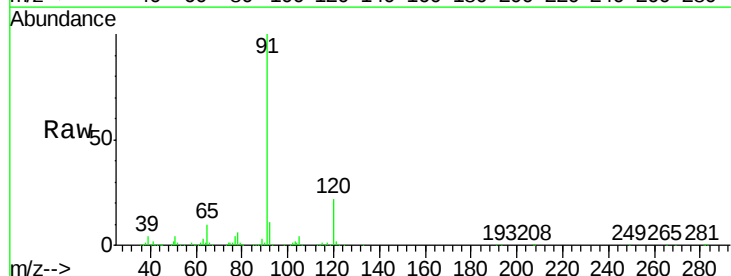
RT: 11.34 min Scan# 1682

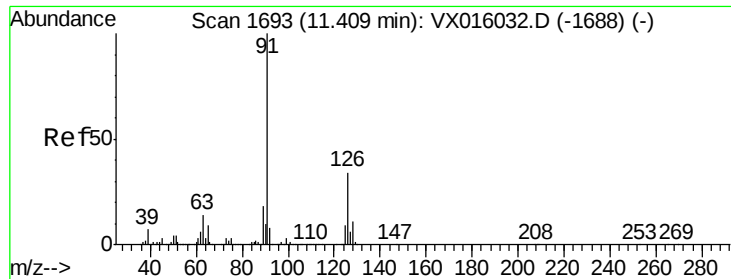
Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion:	91	Resp:	267178
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





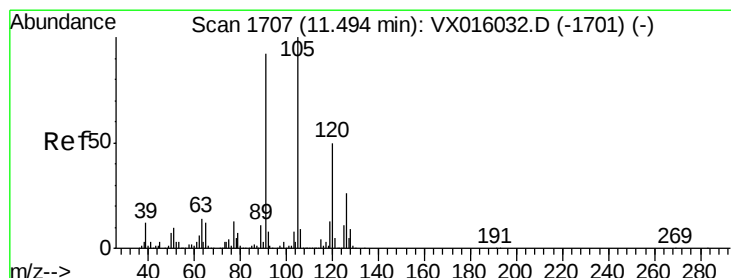
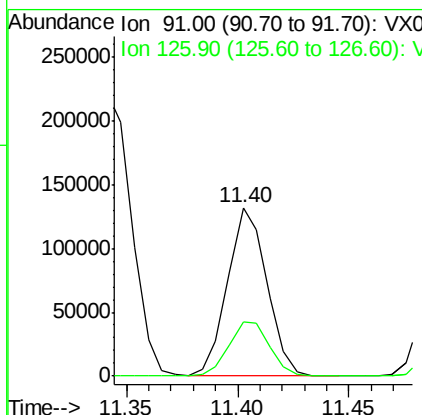
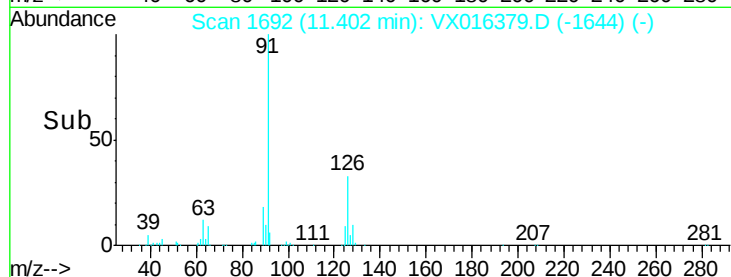
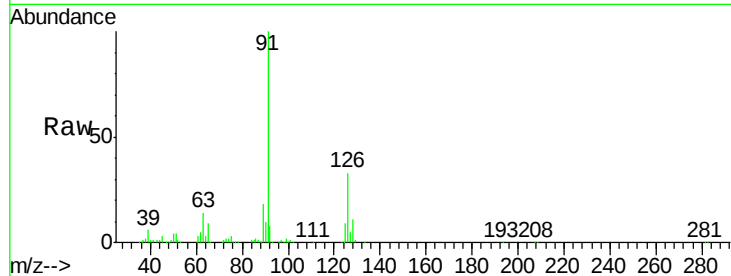
#79
 2-Chlorotoluene
 Concen: 18.160 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Tot Ion: 91 Resp: 162353
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.6

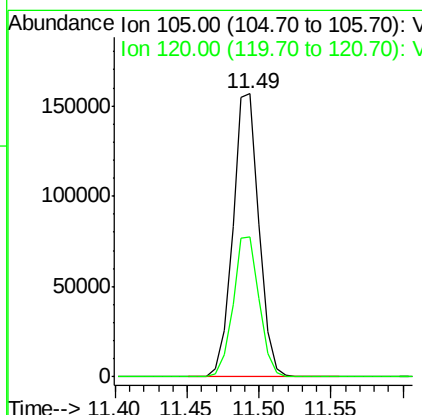
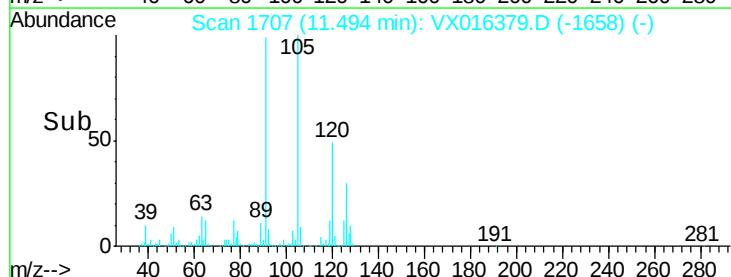
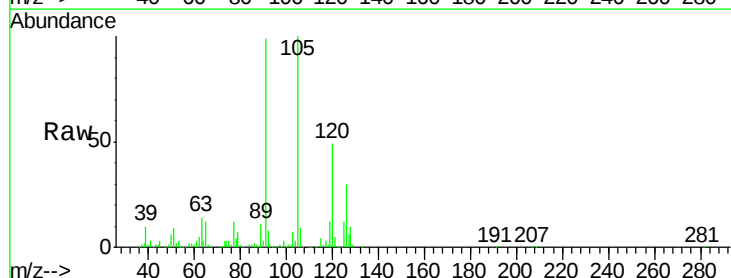
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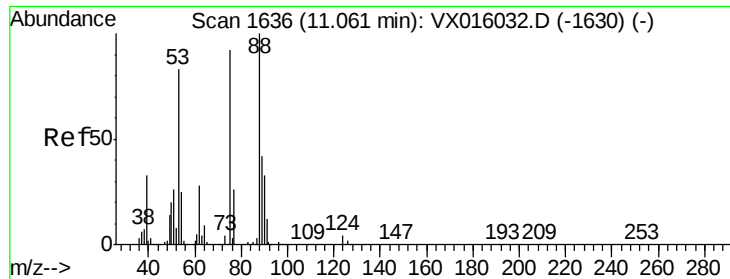
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#80
 1,3,5-Trimethylbenzene
 Concen: 17.980 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion: 105 Resp: 197646
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





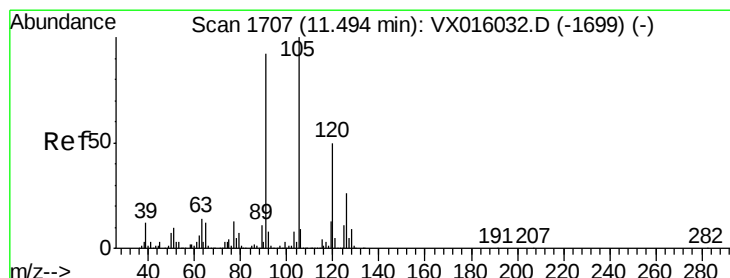
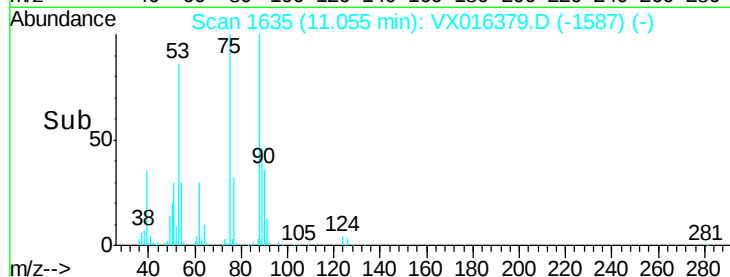
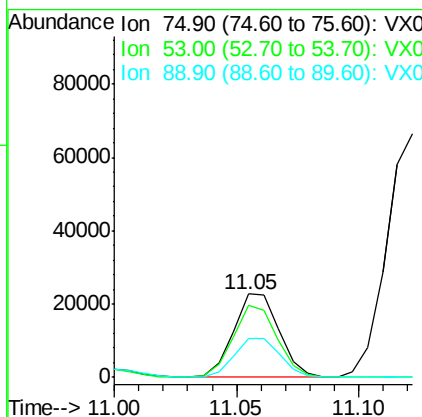
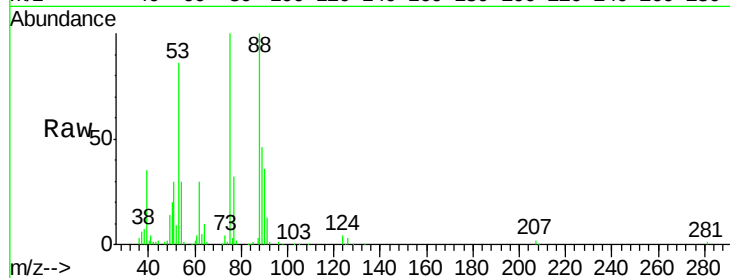
#81
trans-1,4-Dichloro-2-butene
Concen: 17.317 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.4	73.1	109.7
89	47.3	36.7	55.1

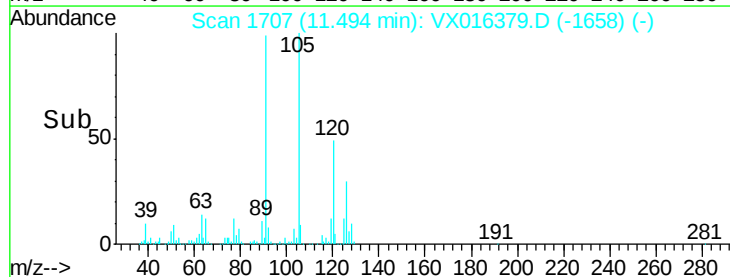
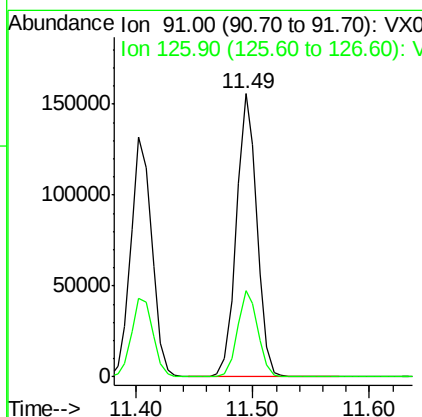
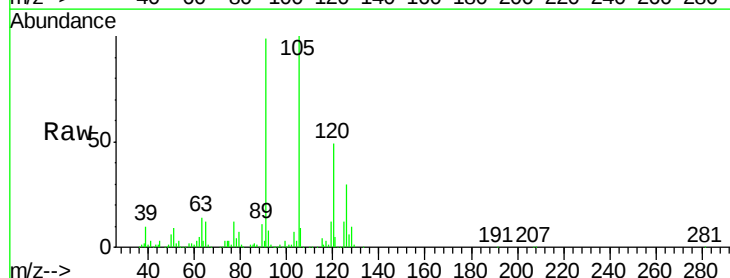
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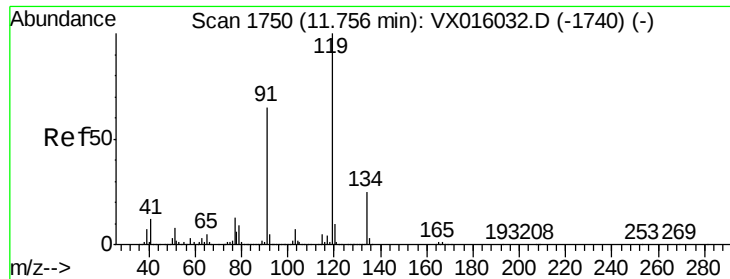
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#82
4-Chlorotoluene
Concen: 18.046 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.8	44.3





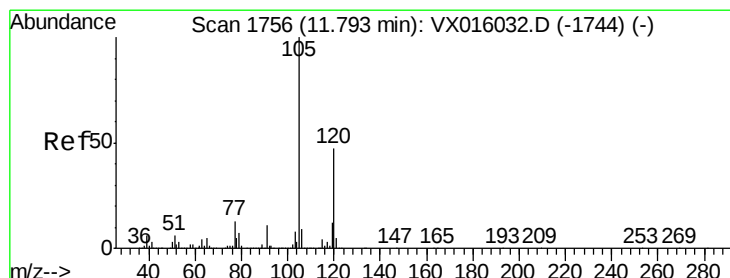
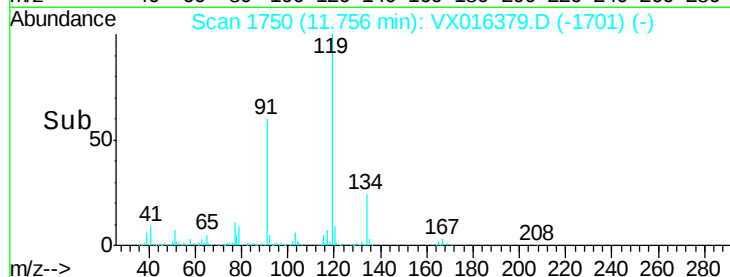
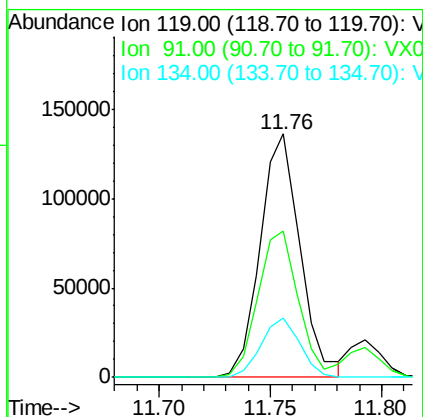
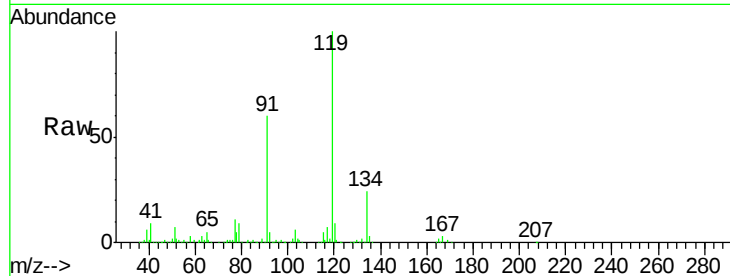
#83
tert-Butylbenzene
Concen: 17.934 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169899		
91	60.5	32.8	98.4	
134	23.7	12.4	37.0	

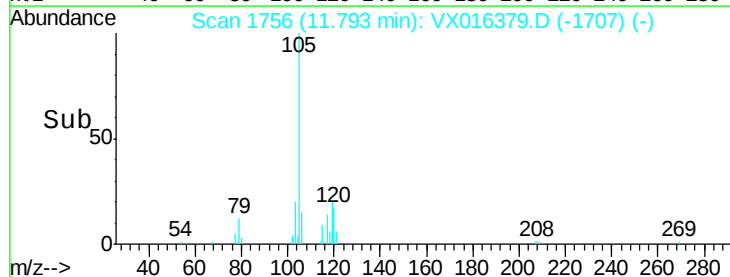
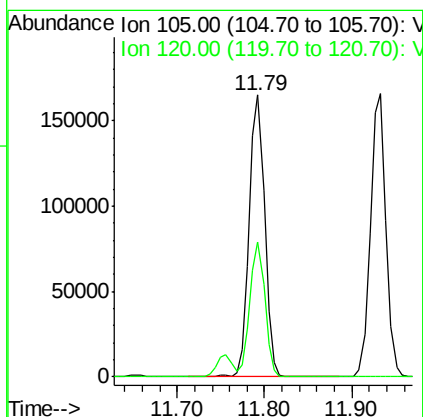
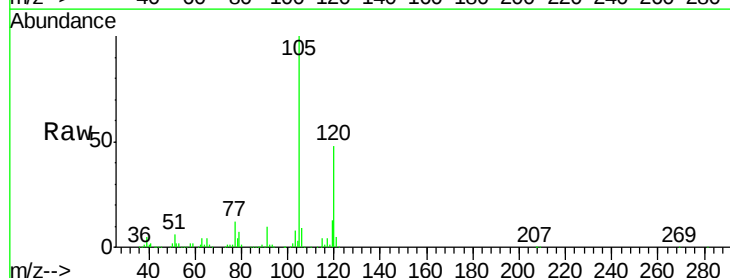
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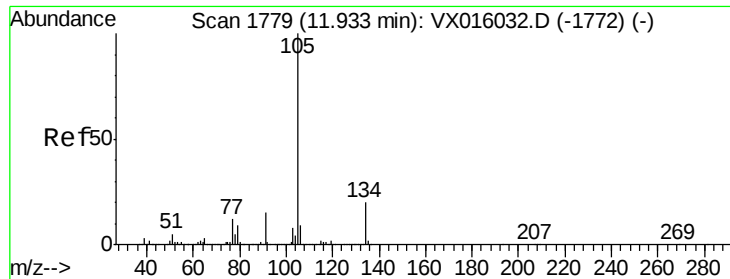
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#84
1,2,4-Trimethylbenzene
Concen: 18.147 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201680		
120	46.3	23.0	69.0	





#85

sec-Butylbenzene

Concen: 16.094 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD01

Tot Ion:105 Resp: 205854

Ion Ratio Lower Upper

105 100

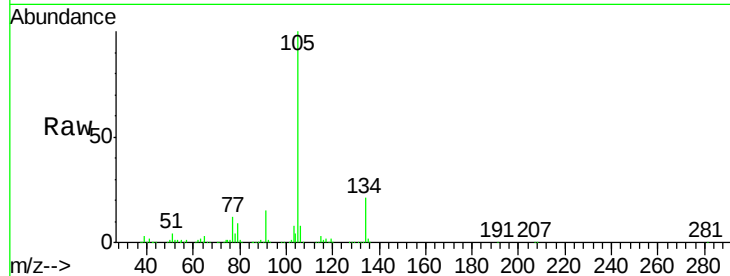
134 20.6 10.1 30.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

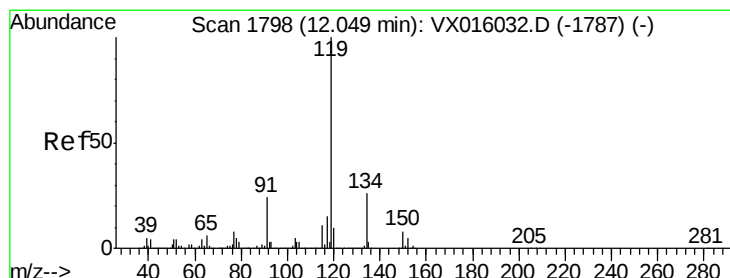
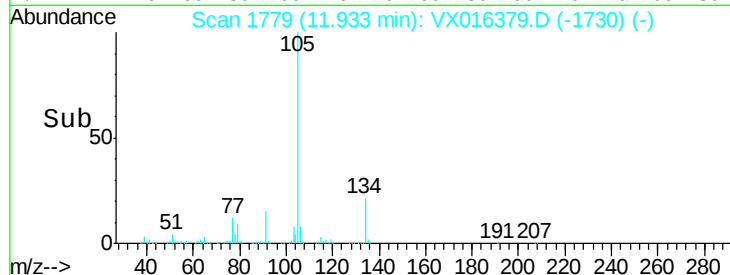
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 16.597 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

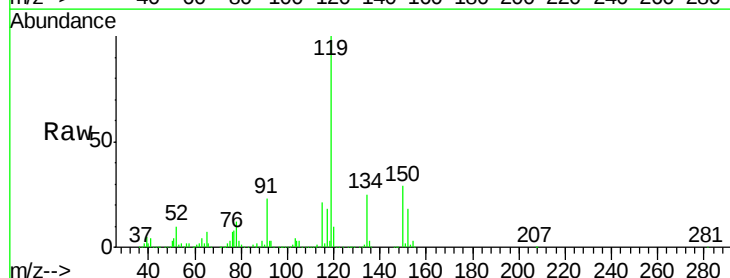
Tgt Ion:119 Resp: 197097

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 23.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

200000

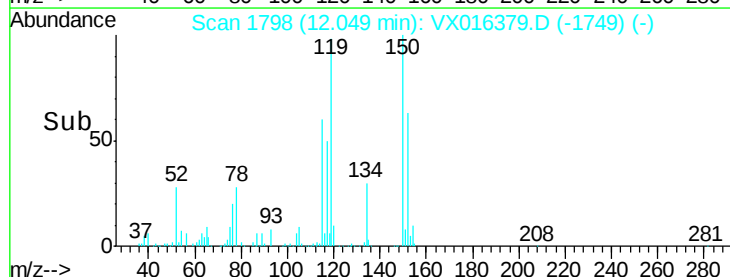
150000

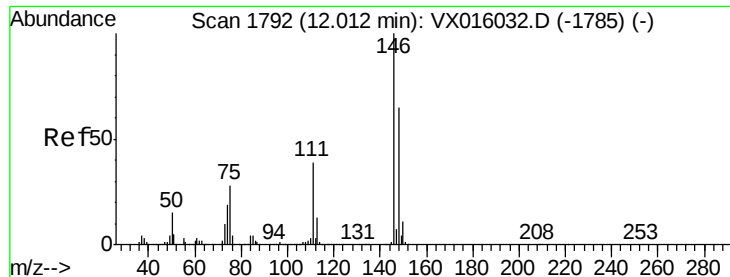
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 18.093 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

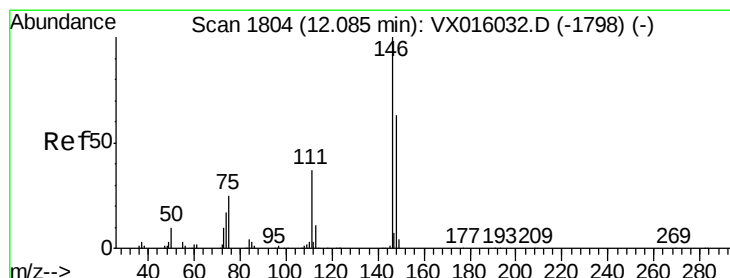
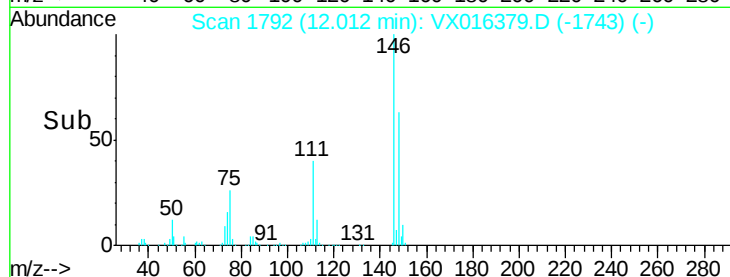
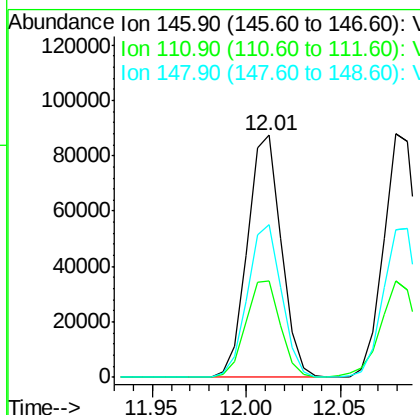
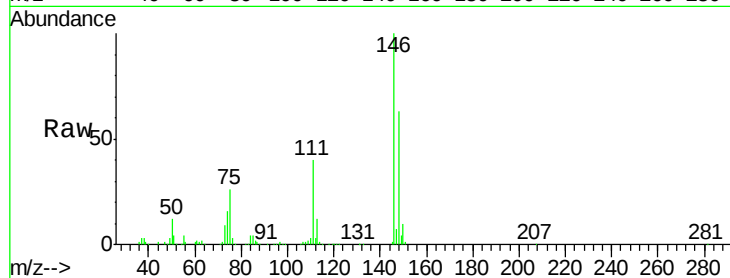
ClientSampleId :

VX0521WBSD01

Tot Ion:	146	Resp:	109170
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.2	60.6
148	63.2	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 18.289 ug/l

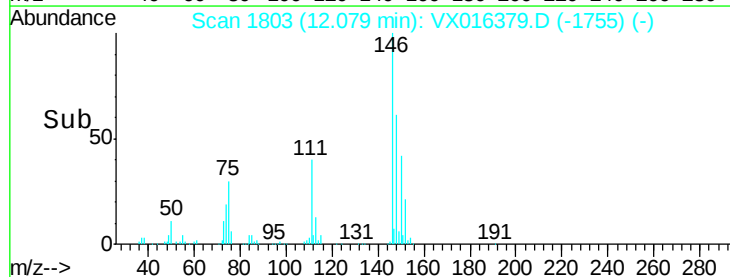
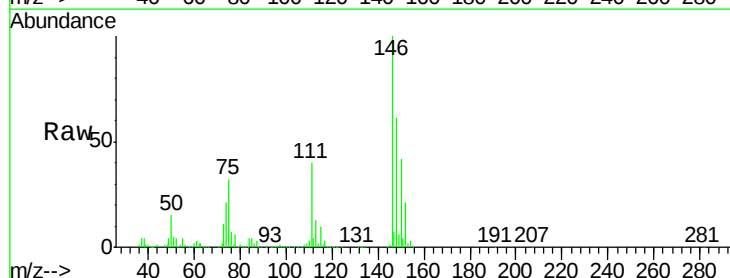
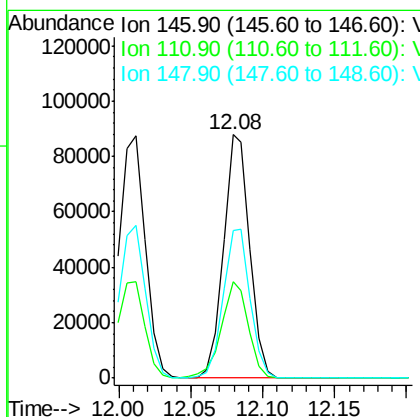
RT: 12.08 min Scan# 1803

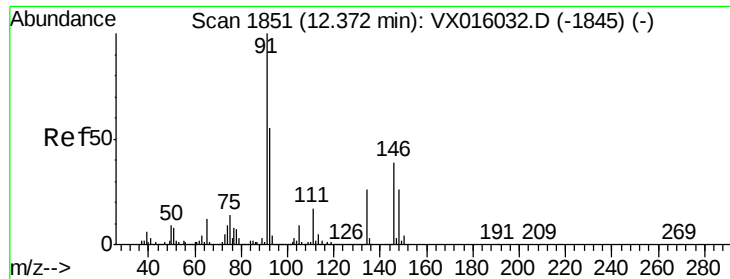
Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion:	146	Resp:	112006
Ion Ratio	Lower	Upper	
146	100		
111	40.9	19.6	58.7
148	63.1	31.8	95.3





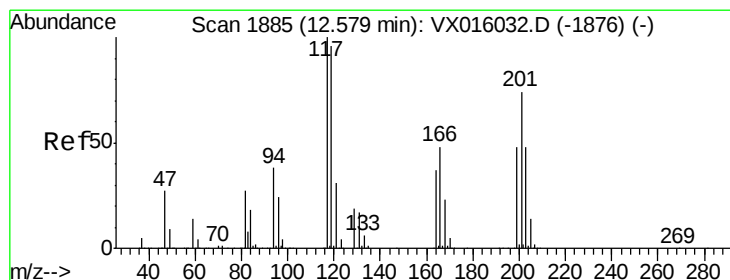
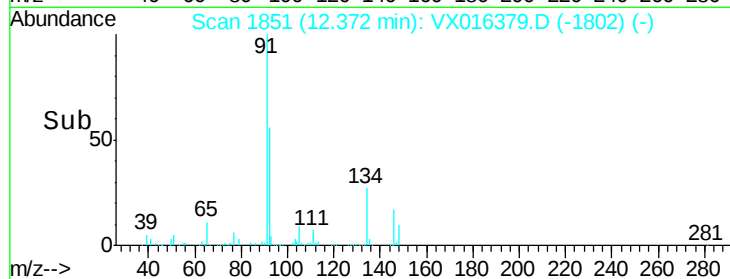
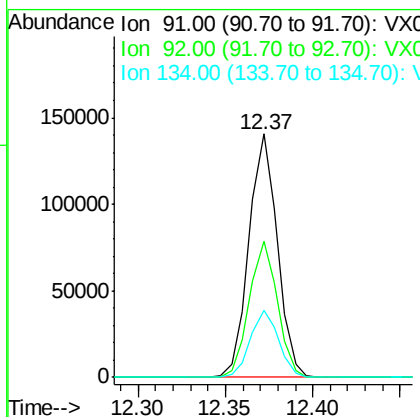
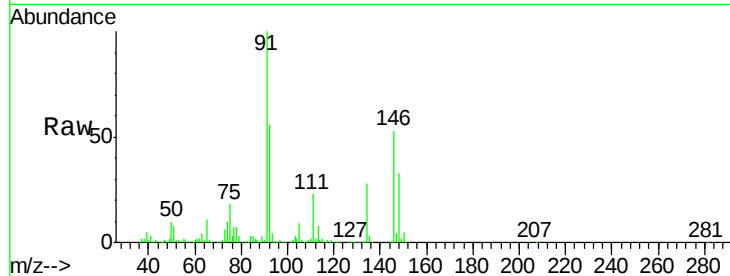
#89
n-Butylbenzene
Concen: 14.626 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	158673		
92	55.7		27.6	82.7
134	27.6		13.4	40.1

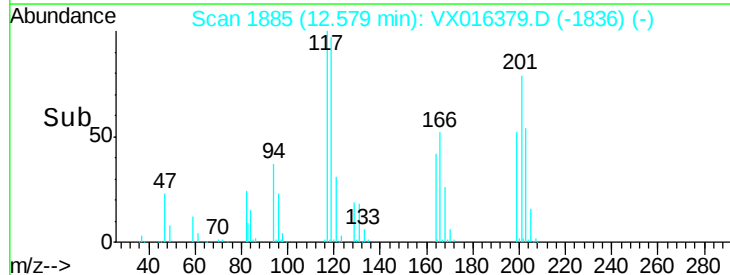
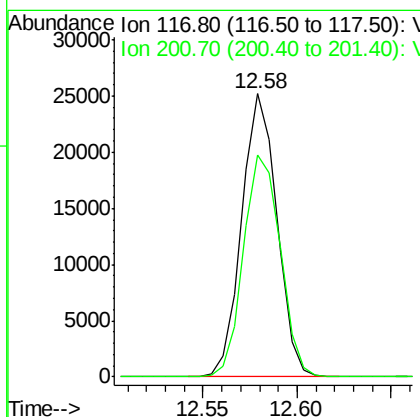
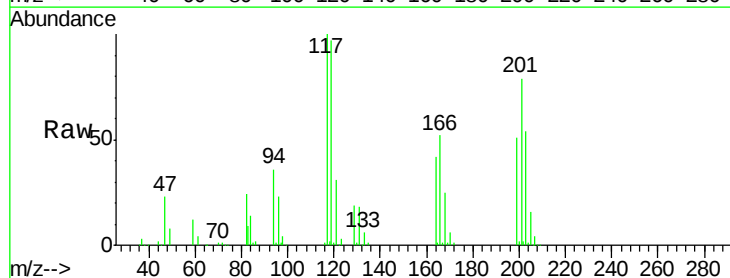
Manual Integrations
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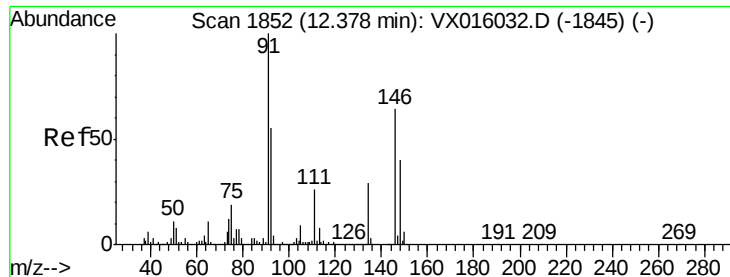
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#90
Hexachloroethane
Concen: 16.023 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32679		
201	81.9		39.8	119.3





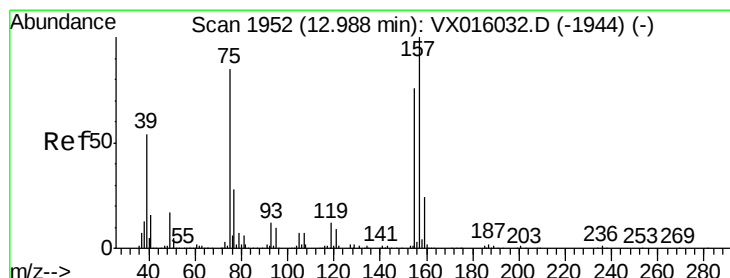
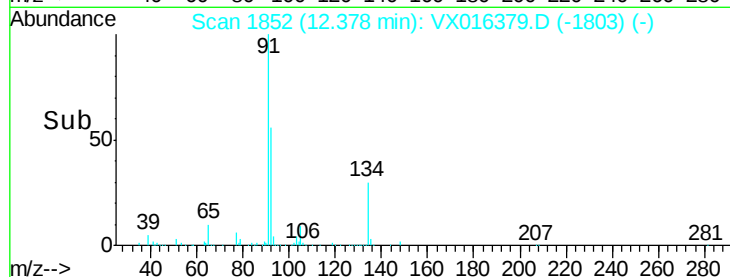
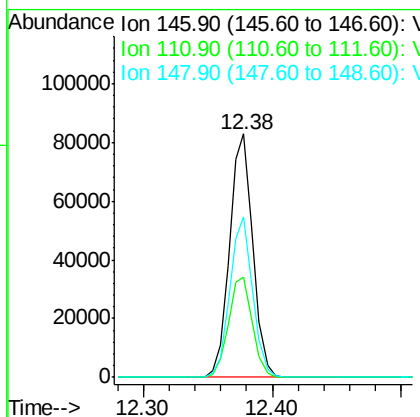
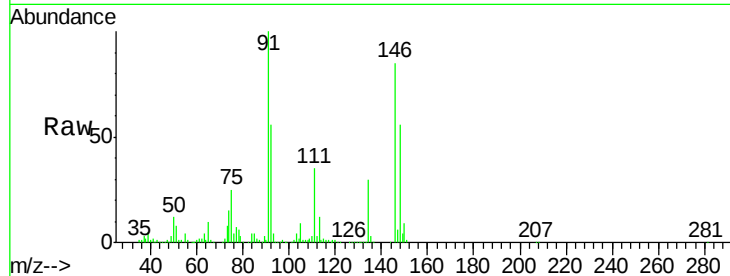
#91
 1,2-Dichlorobenzene
 Concen: 17.974 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.2	21.1	63.1	
148	64.6	32.4	97.0	

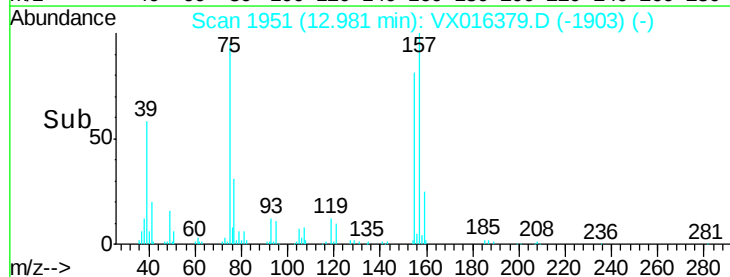
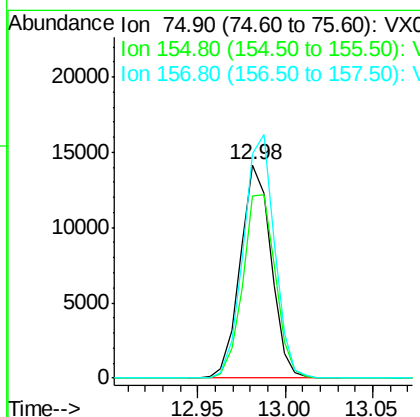
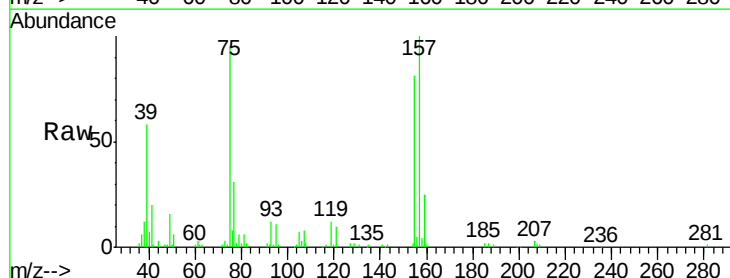
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.298 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	90.7	42.5	127.5	
157	114.6	55.3	165.8	





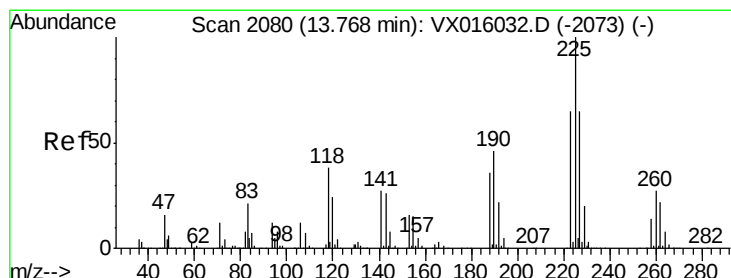
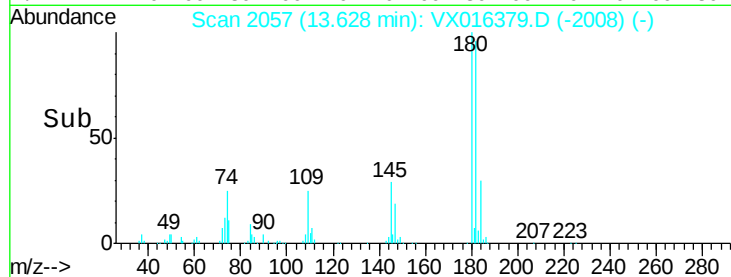
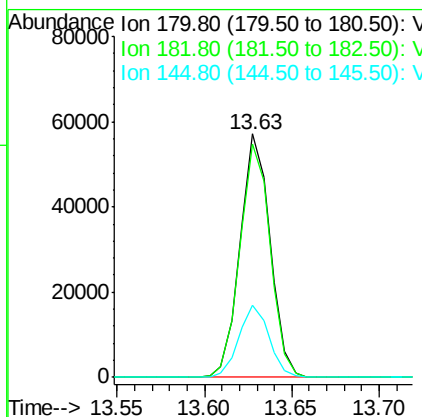
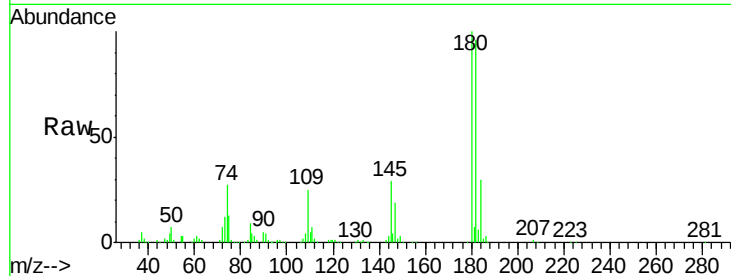
#93
1,2,4-Trichlorobenzene
Concen: 15.849 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.7	146.1
145	29.7	15.7	47.1

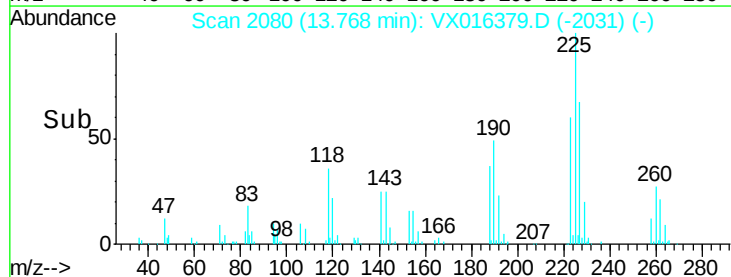
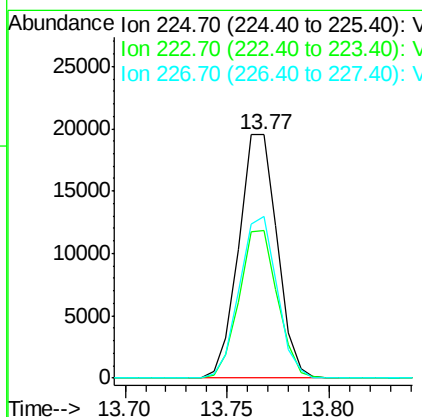
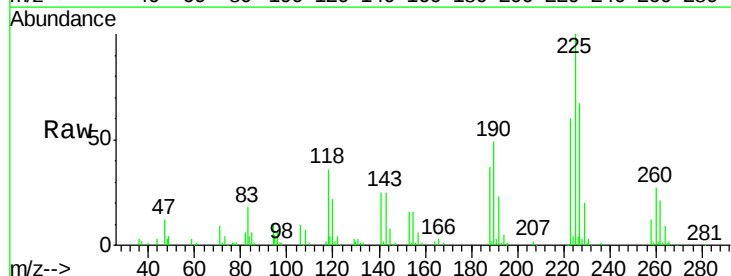
Manual Integrations
APPROVED

MMDadoda
5/22/2020 4:02:57 PM



#94
Hexachlorobutadiene
Concen: 14.163 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	32.3	96.9
227	64.9	31.8	95.4





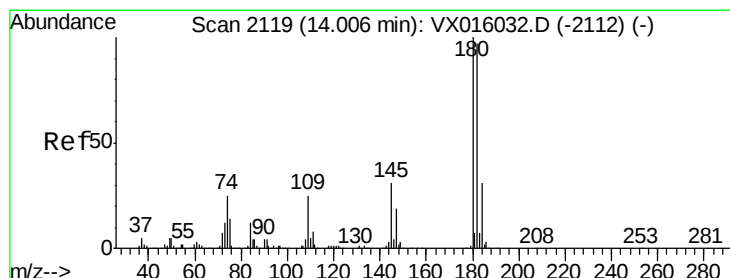
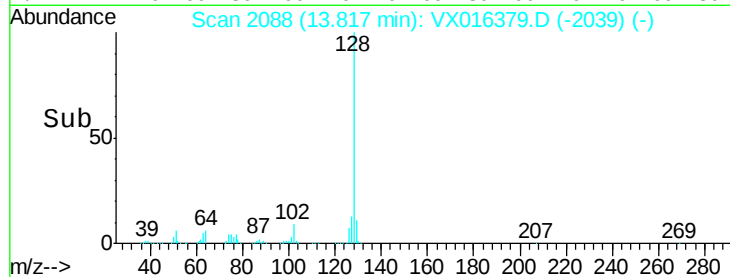
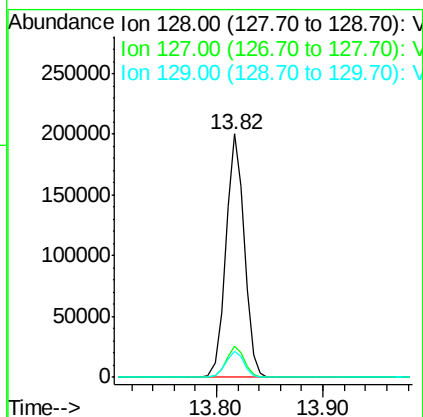
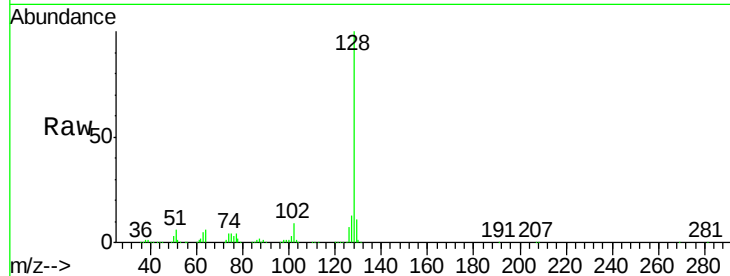
#95
Naphthalene
Concen: 17.364 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/22/2020 4:02:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 15.816 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.0
145	32.7	16.4	49.1

