

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016829.D
 Acq On : 17 Jun 2020 19:59
 Operator : JC/SP
 Sample : VX0617WBS05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:16:42 AM

Quant Time: Jun 18 01:51:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	428083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	145784	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.47	113	121164	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
50) Toluene-d8	8.70	98	465786	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.12	95	172801	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	64096	21.512	ug/l	99
3) Chloromethane	1.31	50	56742	19.633	ug/l	99
4) Vinyl Chloride	1.39	62	79717	25.849	ug/l	100
5) Bromomethane	1.63	94	44718	23.348	ug/l	99
6) Chloroethane	1.71	64	45430	23.915	ug/l	98
7) Trichlorofluoromethane	1.92	101	99570	22.417	ug/l	99
8) Diethyl Ether	2.17	74	39583	21.823	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55290	24.467	ug/l	97
10) Methyl Iodide	2.49	142	48353	17.119	ug/l	98
11) Tert butyl alcohol	3.01	59	66099	88.350	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57296	22.141	ug/l	99
13) Acrolein	2.27	56	27444	87.663	ug/l	93
14) Allyl chloride	2.71	41	97456	24.080	ug/l	96
15) Acrylonitrile	3.11	53	144613	95.258	ug/l	100
16) Acetone	2.42	43	153503	113.633	ug/l	99
17) Carbon Disulfide	2.55	76	162923	21.984	ug/l	99
18) Methyl Acetate	2.75	43	90811	25.186	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	167454	18.986	ug/l	99
20) Methylene Chloride	2.84	84	61606	21.172	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	52241	18.786	ug/l	99
22) Diisopropyl ether	3.82	45	150216	19.760	ug/l	99
23) Vinyl Acetate	3.78	43	633117	96.354	ug/l	100
24) 1,1-Dichloroethane	3.67	63	89360	18.794	ug/l	98
25) 2-Butanone	4.64	43	197290	96.906	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79659	18.093	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	63156	19.871	ug/l	99
28) Bromochloromethane	4.98	49	38403	18.933	ug/l	98
29) Tetrahydrofuran	5.09	42	126718	96.081	ug/l	99
30) Chloroform	5.18	83	96418	19.167	ug/l	99
31) Cyclohexane	5.56	56	75218	20.068	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	87531	19.176	ug/l	99
36) 1,1-Dichloropropene	5.77	75	69806	18.452	ug/l	100
37) Ethyl Acetate	4.79	43	73934	17.846	ug/l	99
38) Carbon Tetrachloride	5.76	117	79697	18.550	ug/l	97

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MMDadoda
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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	76923	18.154	ug/l	97
40) Benzene	6.12	78	210357	18.263	ug/l	100
41) Methacrylonitrile	5.00	41	41665	18.861	ug/l	96
42) 1,2-Dichloroethane	6.17	62	74400	17.698	ug/l	100
43) Isopropyl Acetate	6.41	43	117160	18.044	ug/l	98
44) Trichloroethene	7.19	130	73052	20.504	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52810	18.703	ug/l	95
46) Dibromomethane	7.63	93	36795	17.880	ug/l	99
47) Bromodichloromethane	7.88	83	76642	17.864	ug/l	100
48) Methyl methacrylate	7.74	41	55802	18.132	ug/l	98
49) 1,4-Dioxane	7.71	88	24373	320.027	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	378167	94.515	ug/l	99
52) Toluene	8.77	92	137743	18.411	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	99226	20.477	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	89576	17.721	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	61977	20.598	ug/l	98
56) Ethyl methacrylate	9.16	69	96379	21.394	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105892	20.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	207972	93.892	ug/l	100
59) 2-Hexanone	9.47	43	354213	114.680	ug/l	100
60) Dibromochloromethane	9.56	129	70197	19.740	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67365	20.544	ug/l	99
64) Tetrachloroethene	9.32	164	86671	24.190	ug/l	98
65) Chlorobenzene	10.12	112	149117	19.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	59095	19.566	ug/l	98
67) Ethyl Benzene	10.24	91	252673	19.742	ug/l	99
68) m/p-Xylenes	10.34	106	193469	39.868	ug/l	100
69) o-Xylene	10.68	106	92144	19.710	ug/l	98
70) Styrene	10.69	104	162065	20.053	ug/l	99
71) Bromoform	10.84	173	50794	19.711	ug/l #	98
73) Isopropylbenzene	11.00	105	248629	20.049	ug/l	99
74) N-amyl acetate	10.88	43	95759	19.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	66342	18.186	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76963m	19.364	ug/l	
77) Bromobenzene	11.24	156	67828	19.371	ug/l	99
78) n-propylbenzene	11.34	91	273032	20.273	ug/l	99
79) 2-Chlorotoluene	11.40	91	166941	19.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	209865	20.188	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28915	18.315	ug/l	96
82) 4-Chlorotoluene	11.49	91	198463	19.909	ug/l	100
83) tert-Butylbenzene	11.76	119	188078	19.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	209180	19.891	ug/l	100
85) sec-Butylbenzene	11.93	105	223008	20.043	ug/l	100
86) p-Isopropyltoluene	12.05	119	211714	19.831	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117293	19.814	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	117782	19.186	ug/l	99
89) n-Butylbenzene	12.37	91	170991	19.402	ug/l	99
90) Hexachloroethane	12.58	117	36919	18.753	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	113130	19.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19504	19.119	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89904	21.686	ug/l	97
94) Hexachlorobutadiene	13.76	225	37363	20.725	ug/l	96
95) Naphthalene	13.82	128	284649	21.917	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82263	20.160	ug/l	99

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

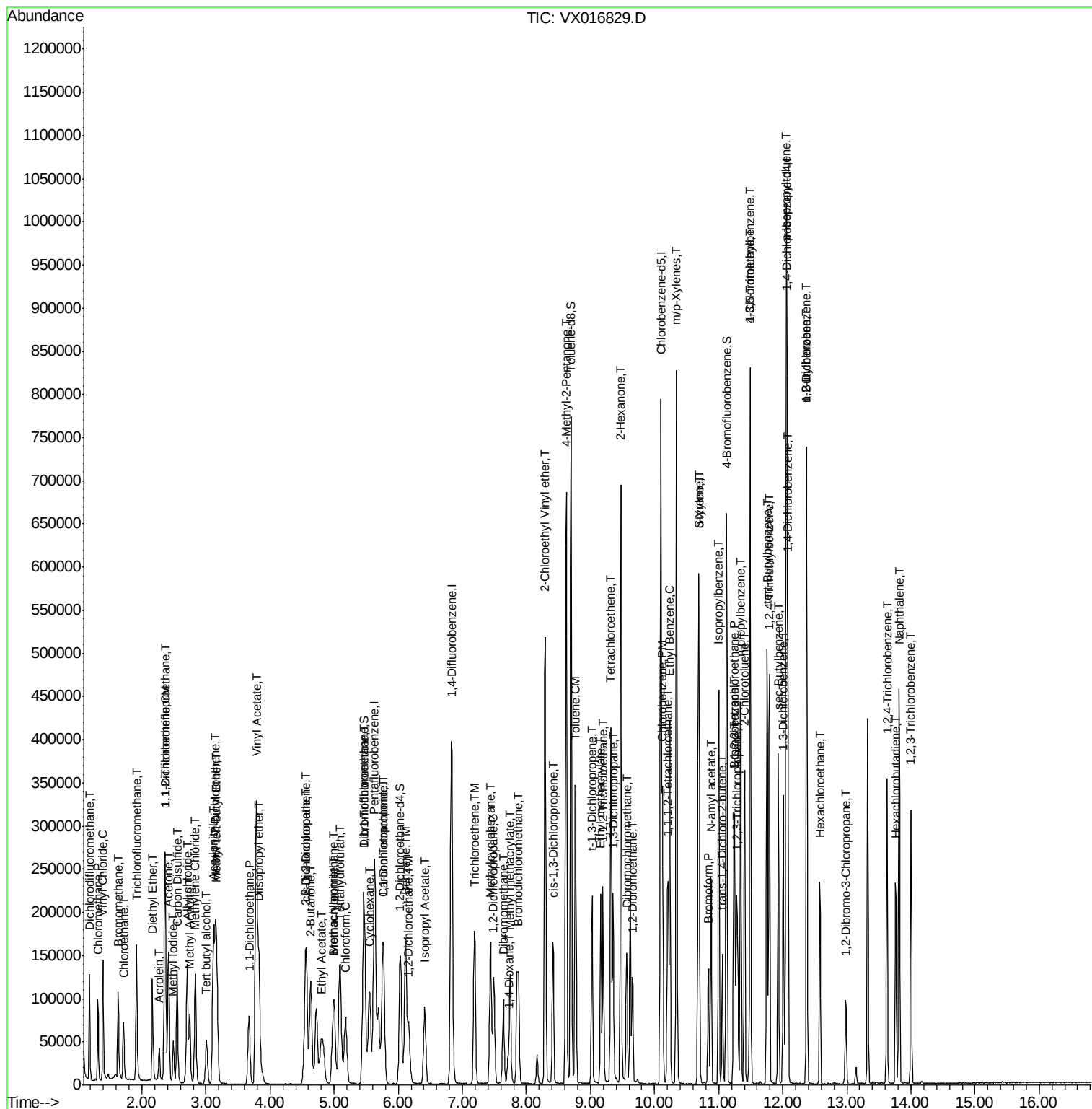
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 Data File : VX016829.D
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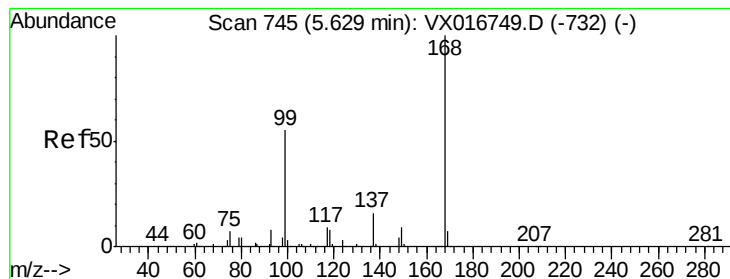
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0617WBS05

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion:168 Resp: 264761

Ion Ratio Lower Upper

168 100

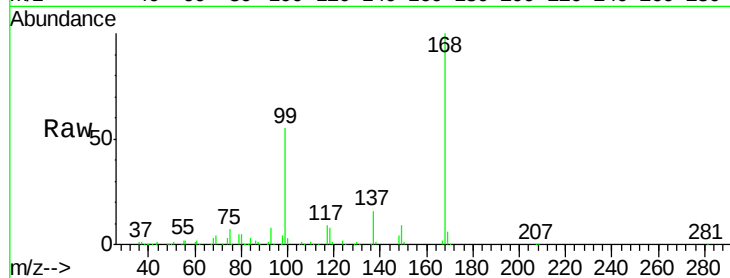
99 55.4 43.8 65.6

Manual Integrations

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6/18/2020 11:16:42 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

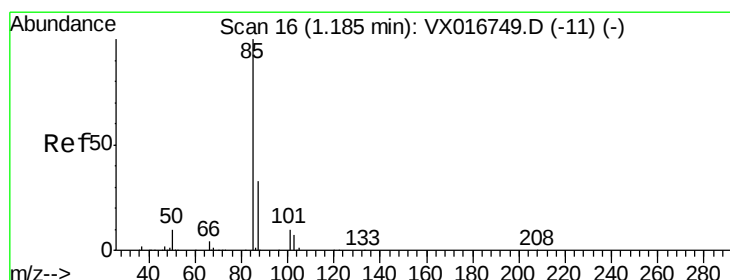
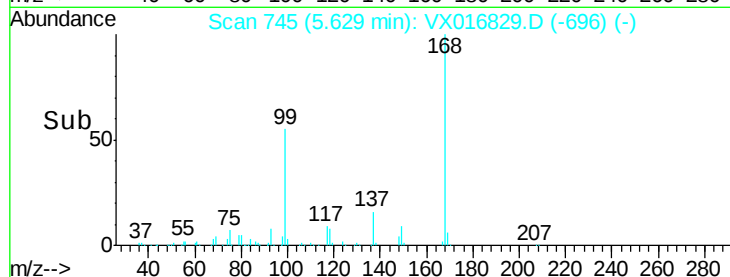
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.512 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016829.D

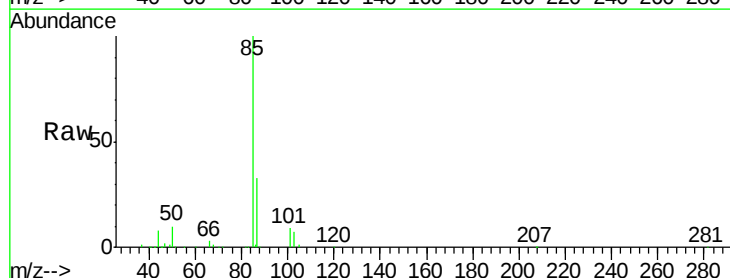
Acq: 17 Jun 2020 19:59

Tgt Ion: 85 Resp: 64096

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

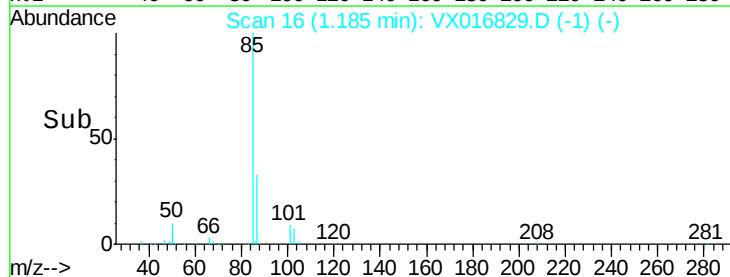
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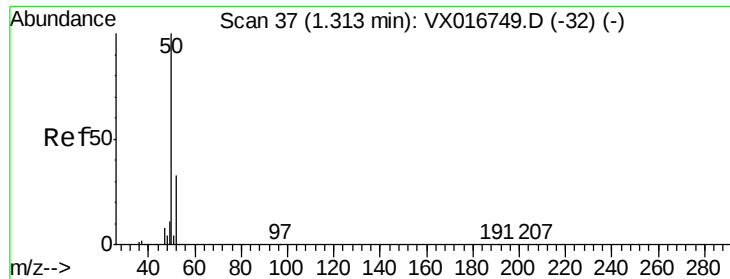
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.633 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 50 Resp: 56742

Ion Ratio Lower Upper

50 100

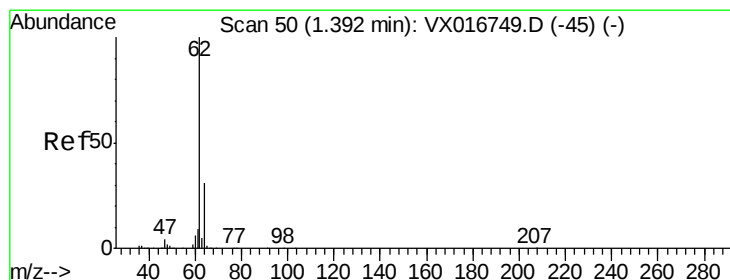
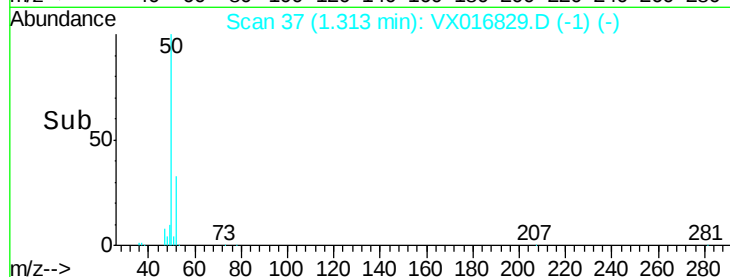
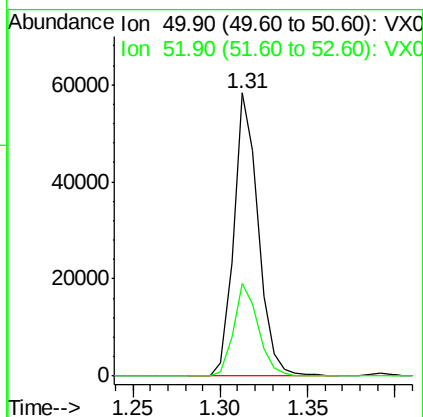
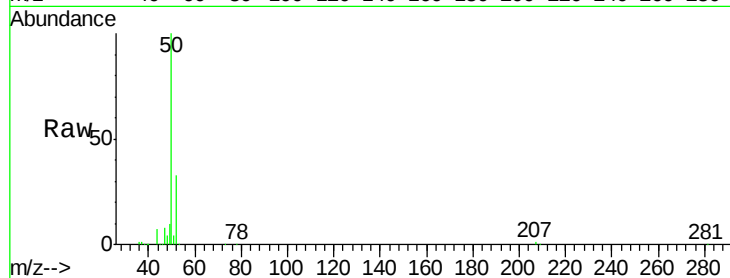
52 32.6 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 25.849 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016829.D

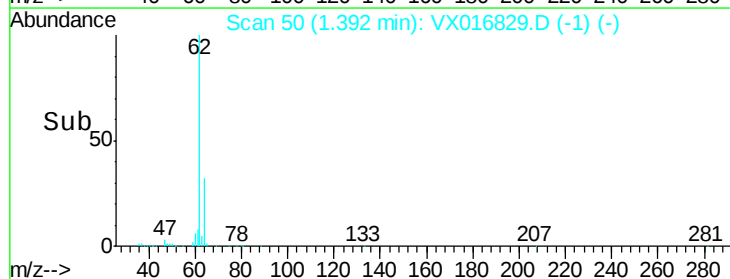
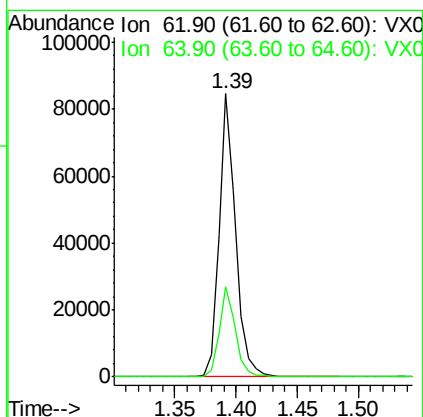
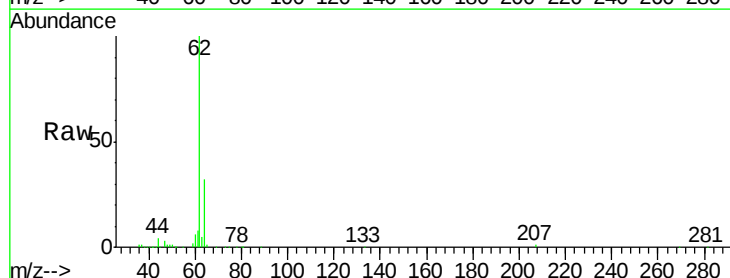
Acq: 17 Jun 2020 19:59

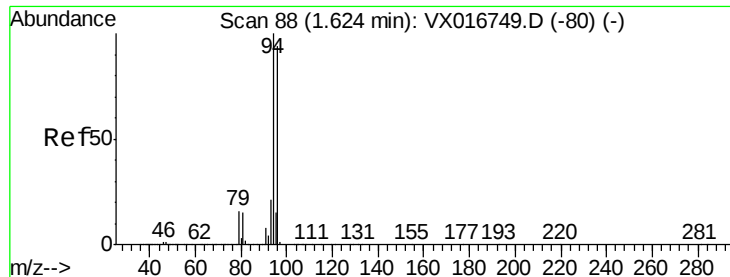
Tgt Ion: 62 Resp: 79717

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 23.348 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 94 Resp: 44718

Ion Ratio Lower Upper

94 100

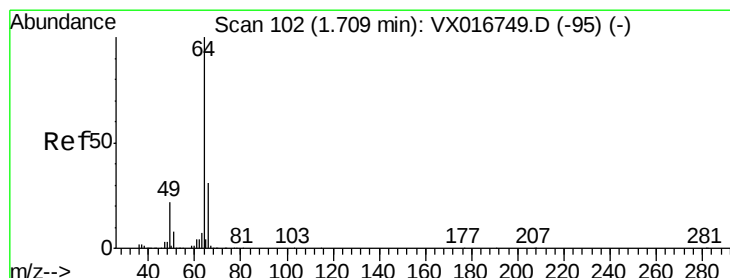
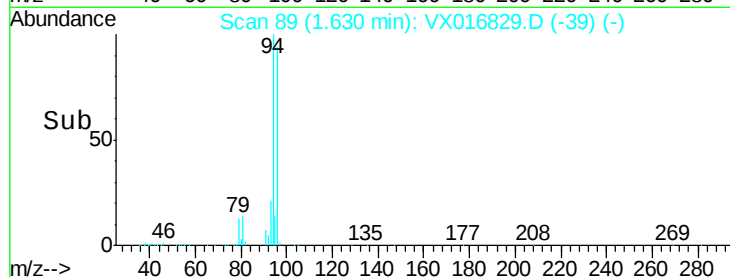
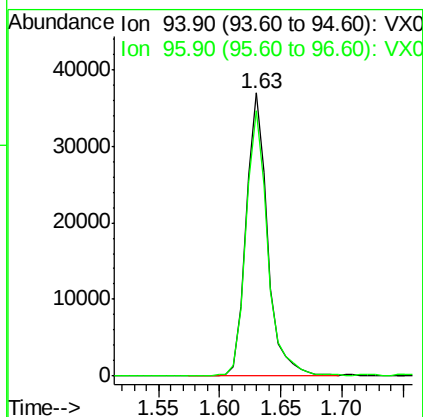
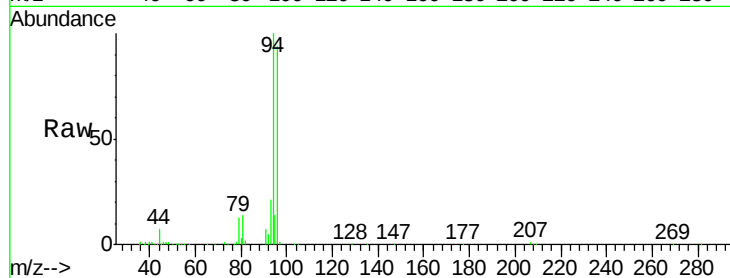
96 93.3 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 23.915 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016829.D

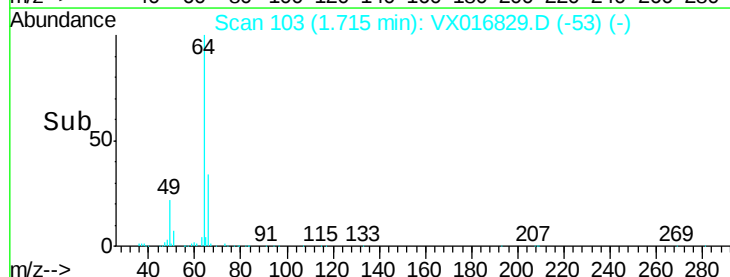
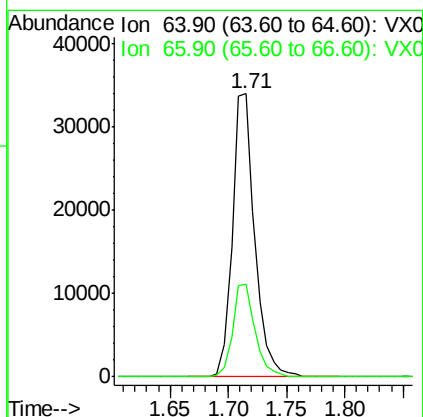
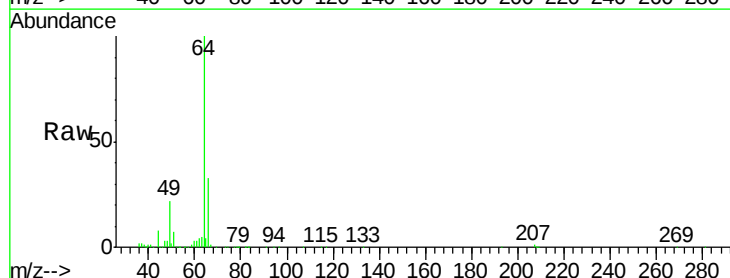
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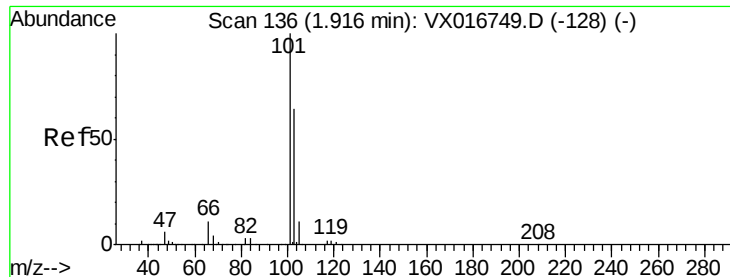
Tgt Ion: 64 Resp: 45430

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.6





#7

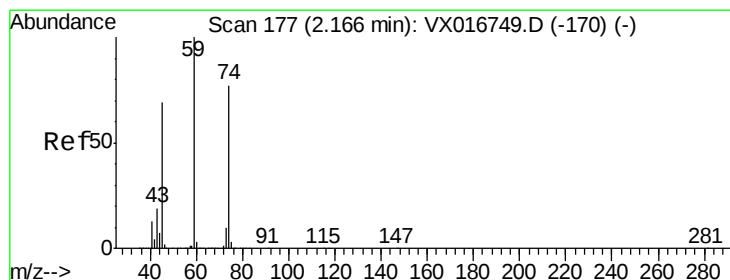
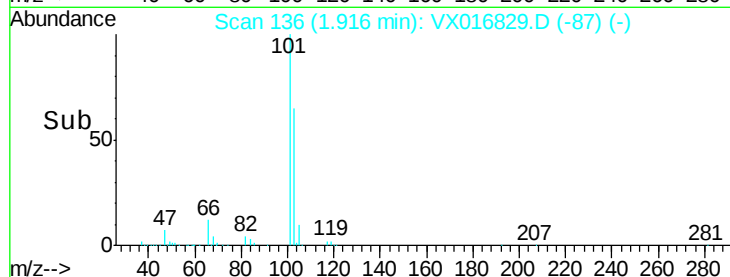
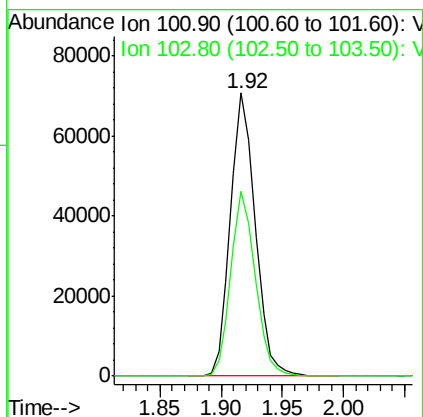
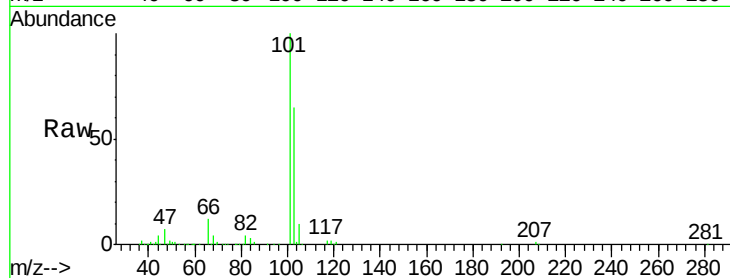
Trichlorofluoromethane
 Concen: 22.417 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.3	76.9

Manual Integrations
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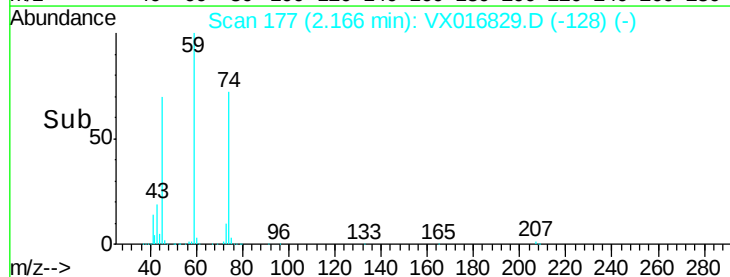
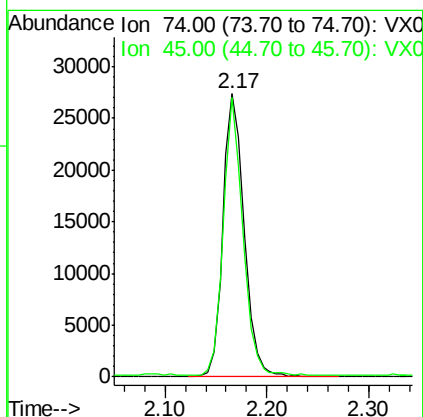
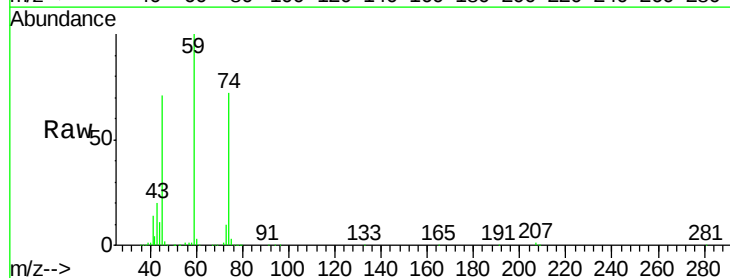
MMDadoda
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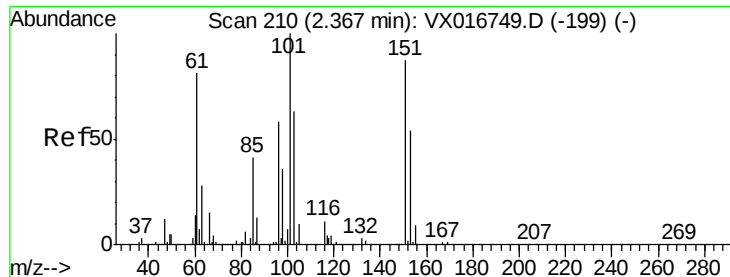


#8

Diethyl Ether
 Concen: 21.823 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.467 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

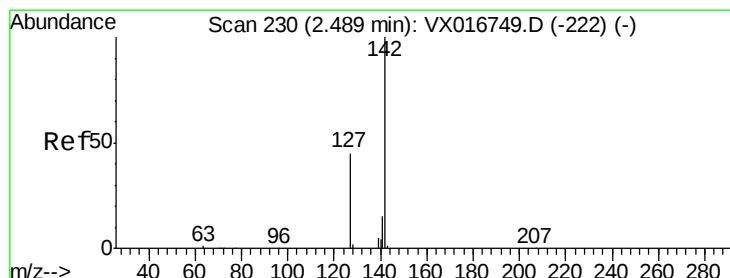
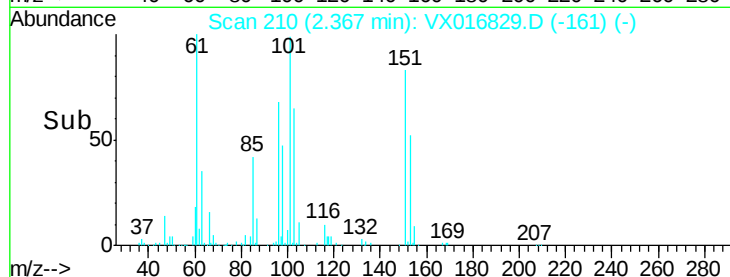
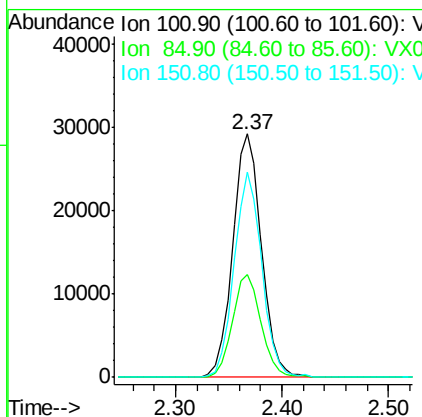
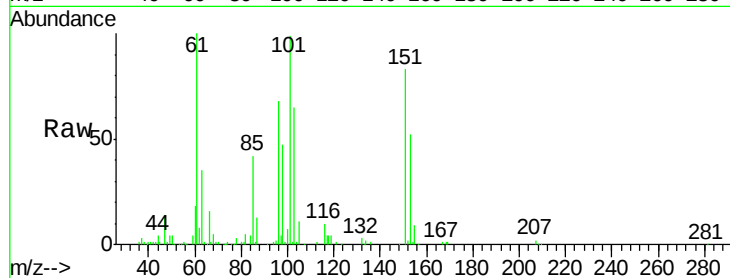
ClientSampleId :

VX0617WBS05

Tot Ion:	101	Resp:	55290
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	81.4	68.7	103.1

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#10

Methyl Iodide

Concen: 17.119 ug/l

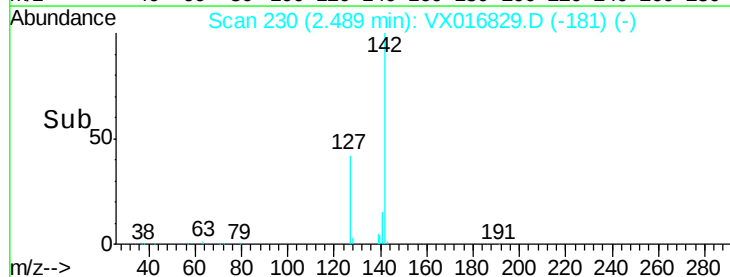
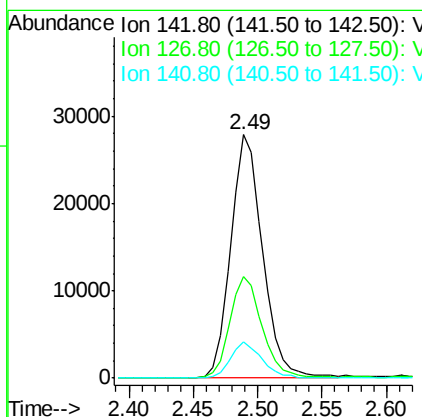
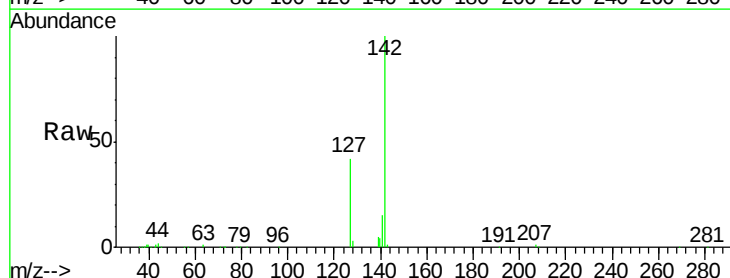
RT: 2.49 min Scan# 230

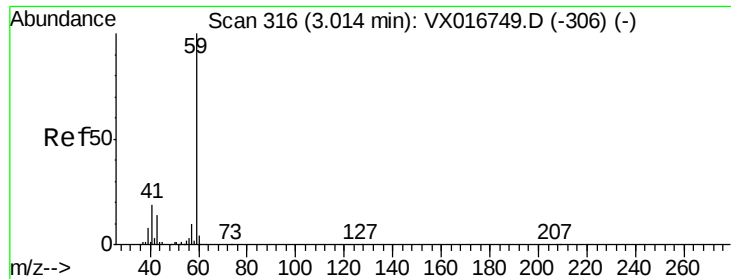
Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion:	142	Resp:	48353
Ion Ratio	Lower	Upper	
142	100		
127	42.2	35.4	53.2
141	14.6	11.7	17.5





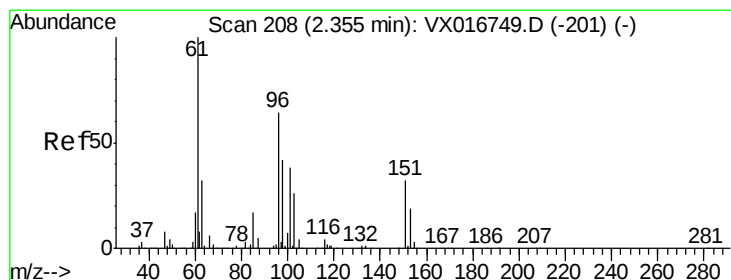
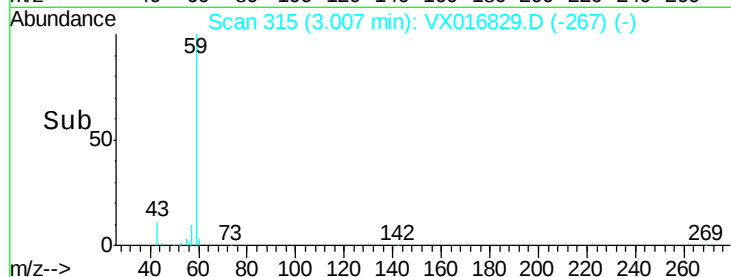
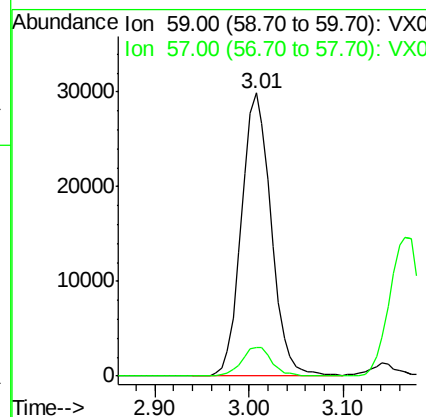
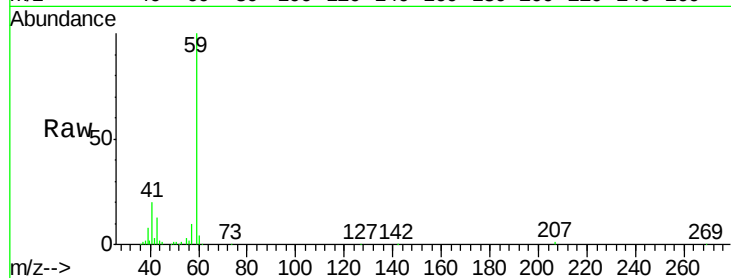
#11
Tert butyl alcohol
Concen: 88.350 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

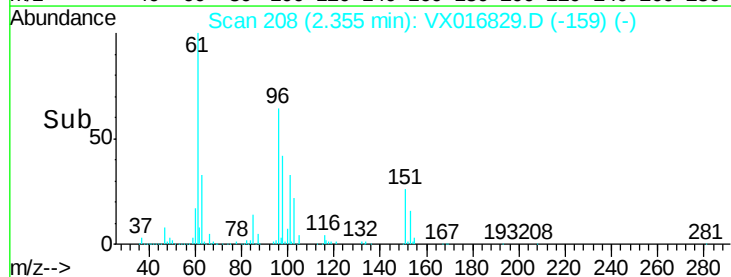
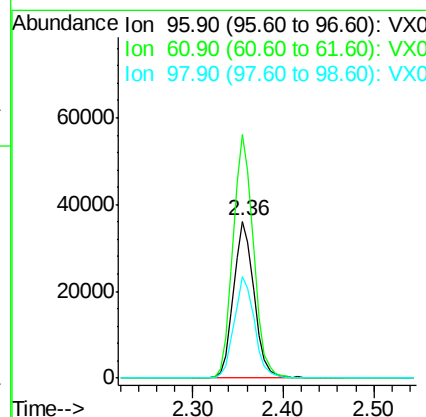
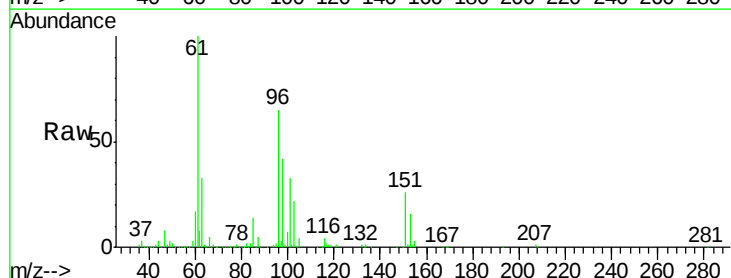
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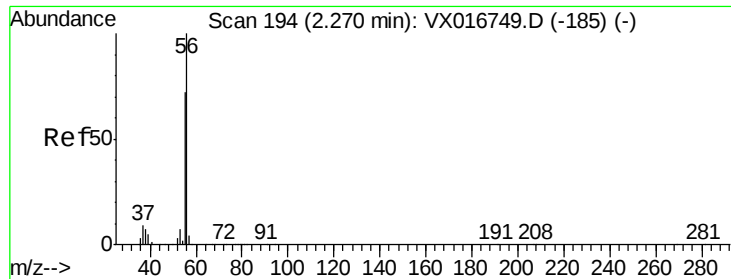
MMDadoda
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#12
1,1-Dichloroethene
Concen: 22.141 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	124.1	186.1
98	64.6	52.7	79.1





#13

Acrolein

Concen: 87.663 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 56 Resp: 27444

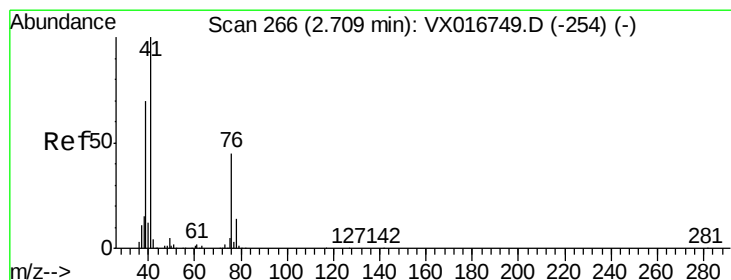
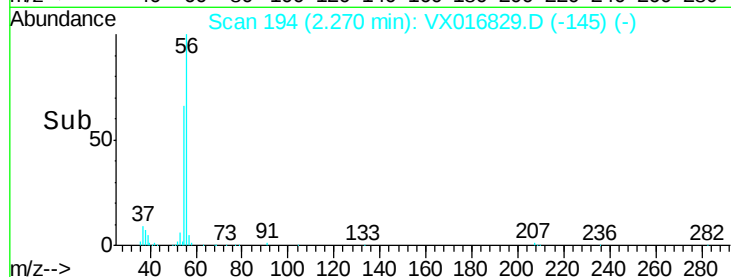
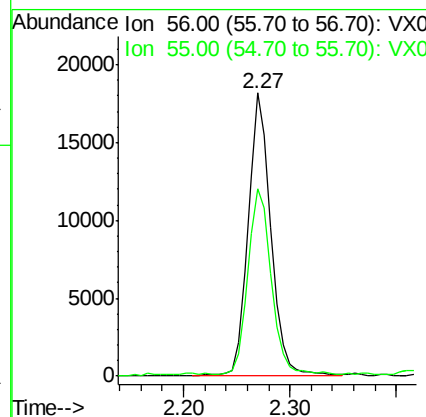
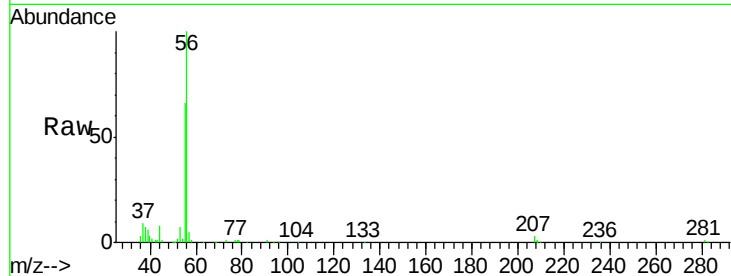
Ion Ratio Lower Upper

56 100

55 67.0 58.2 87.4

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#14

Allyl chloride

Concen: 24.080 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

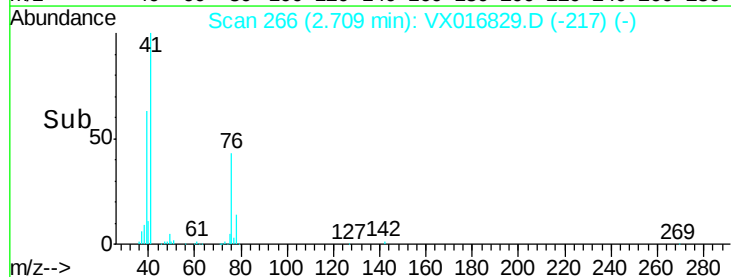
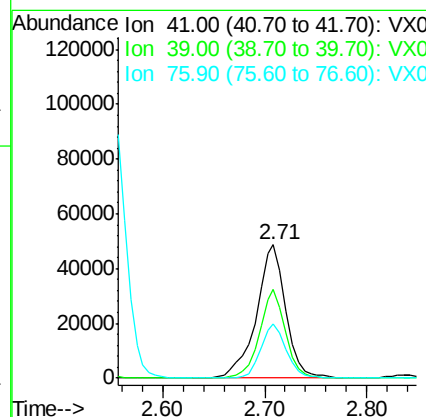
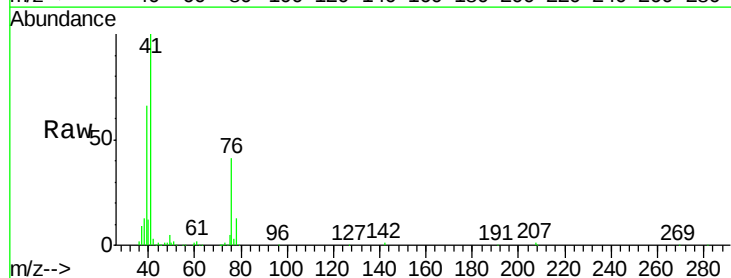
Tgt Ion: 41 Resp: 97456

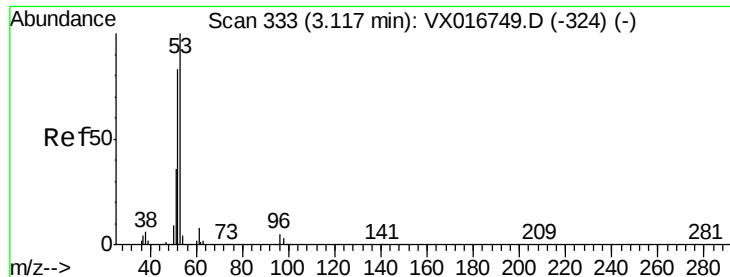
Ion Ratio Lower Upper

41 100

39 59.3 50.2 75.4

76 35.5 30.4 45.6





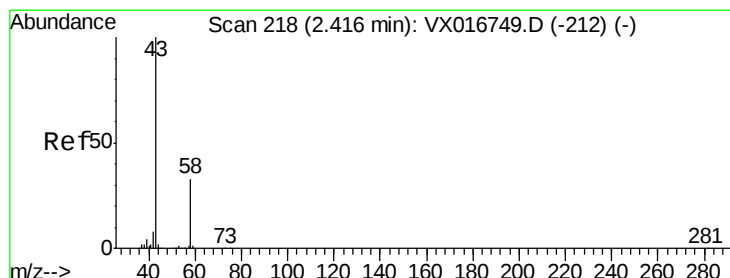
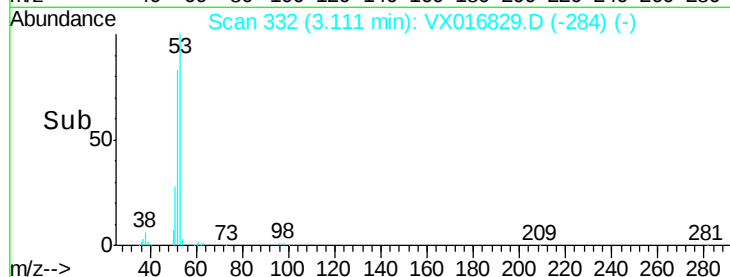
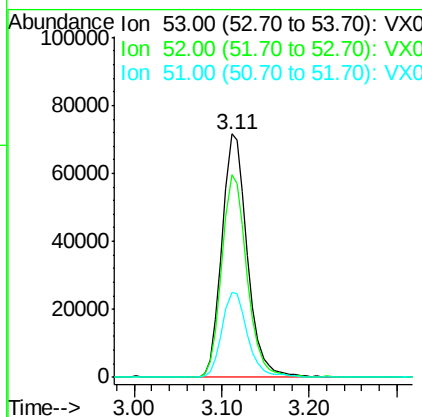
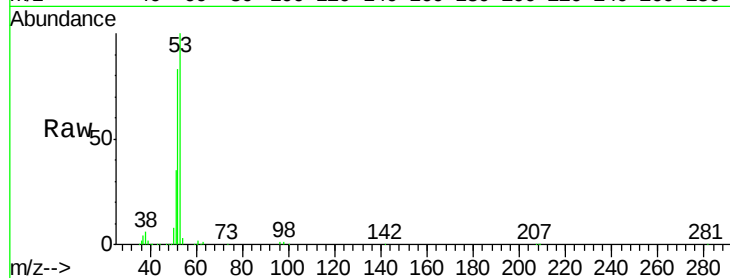
#15
 Acrylonitrile
 Concen: 95.258 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.5	65.5	98.3	
51	35.7	28.6	42.8	

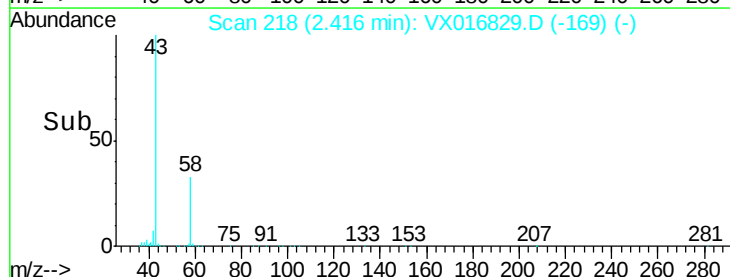
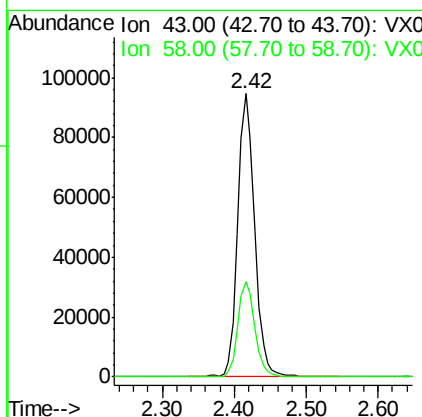
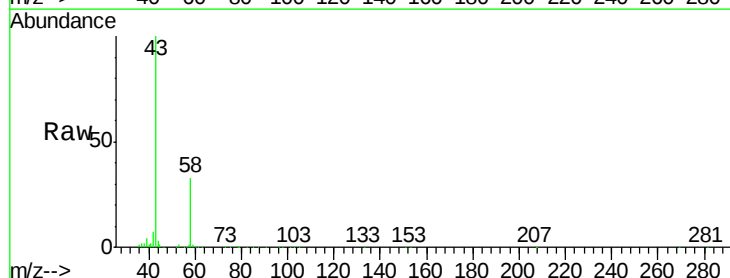
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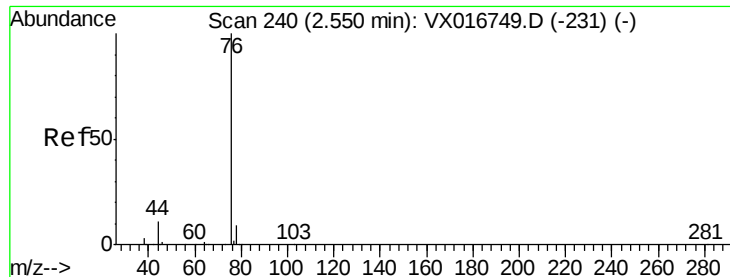
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#16
 Acetone
 Concen: 113.633 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	33.5	26.3	39.5	





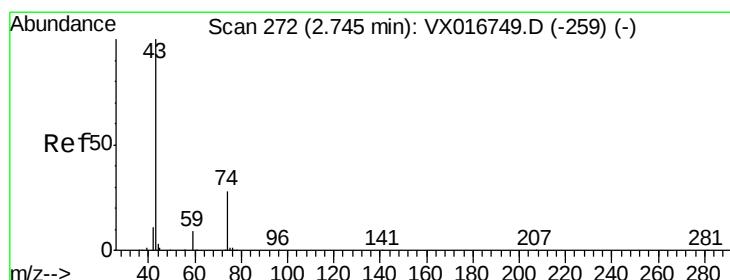
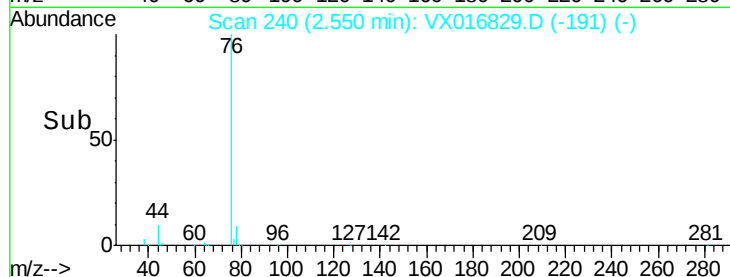
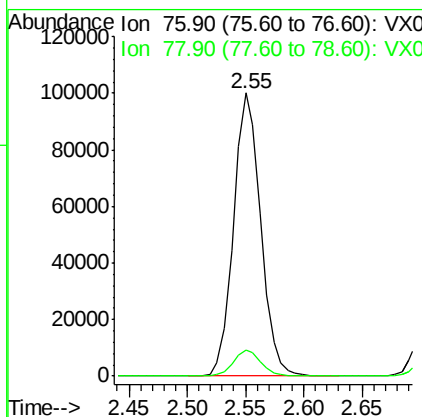
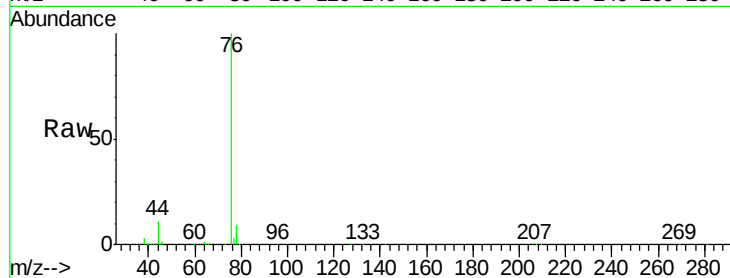
#17
Carbon Disulfide
Concen: 21.984 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

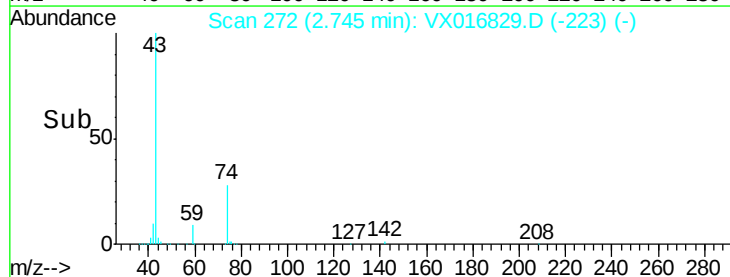
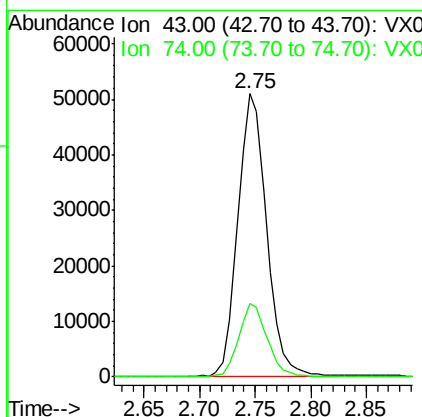
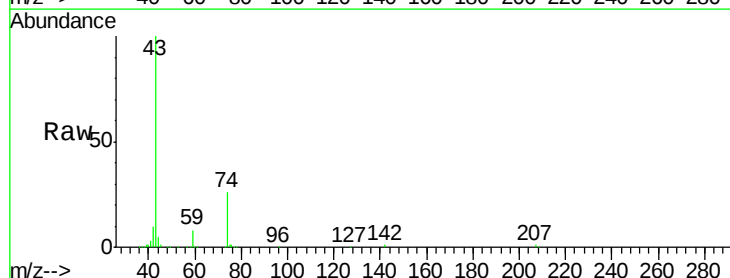
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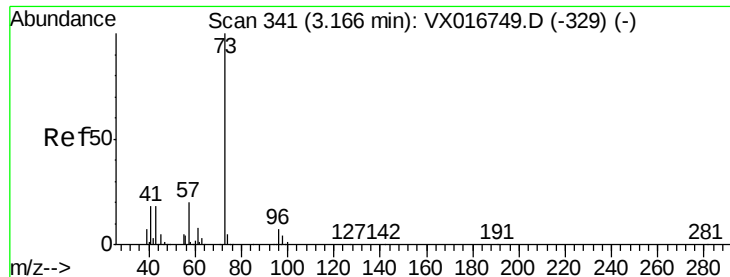
MMDadoda
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#18
Methyl Acetate
Concen: 25.186 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	22.4	33.6





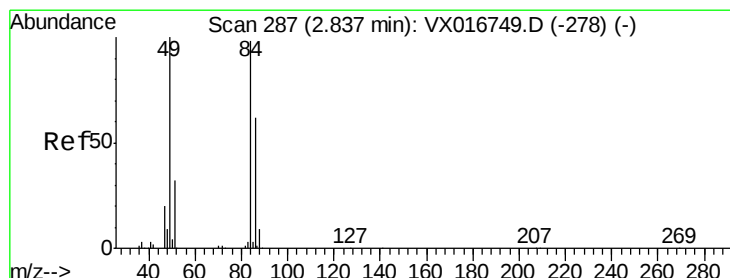
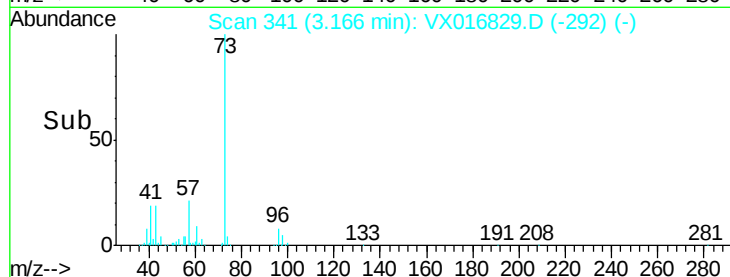
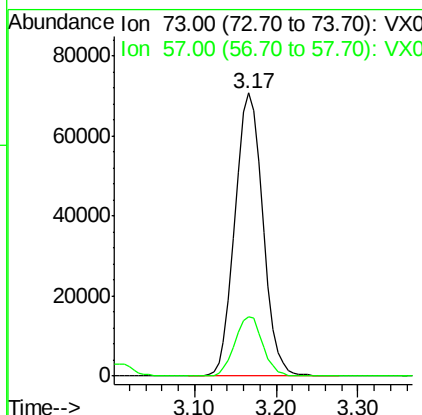
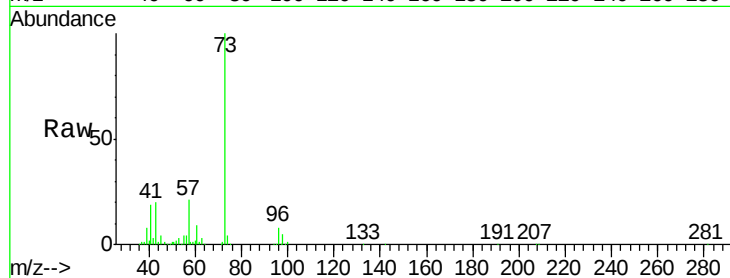
#19
Methvl tert-butvl Ether
Concen: 18.986 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.4

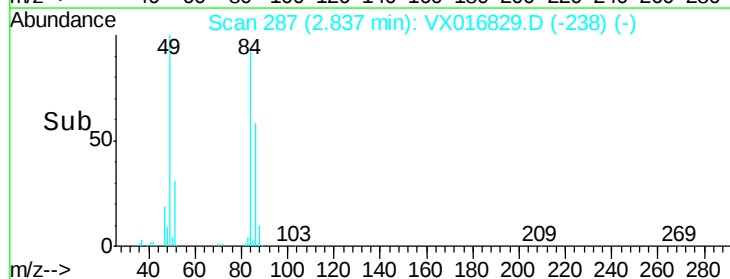
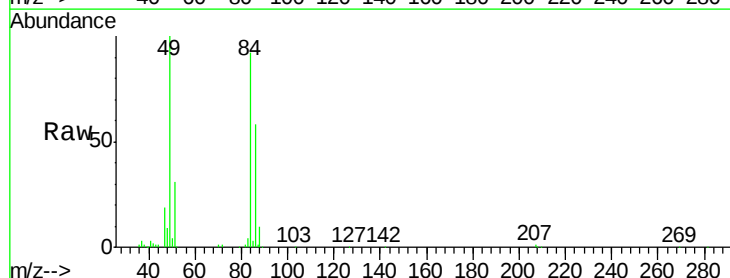
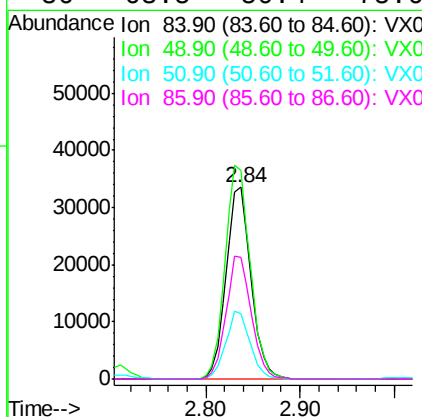
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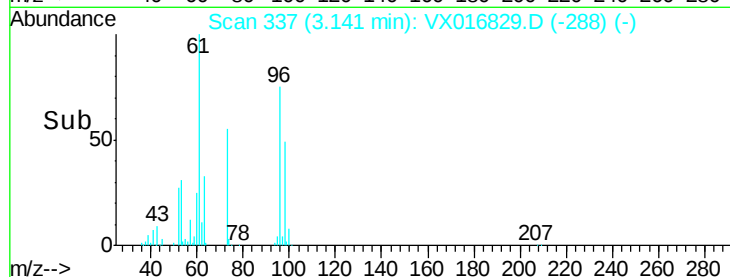
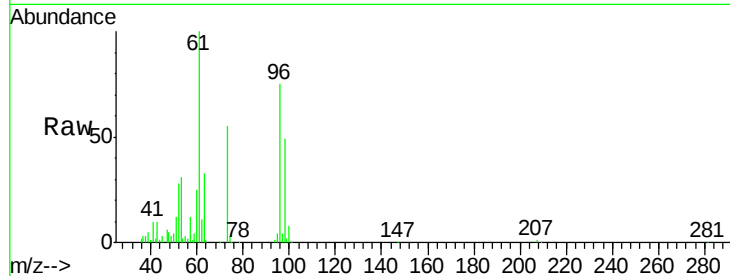
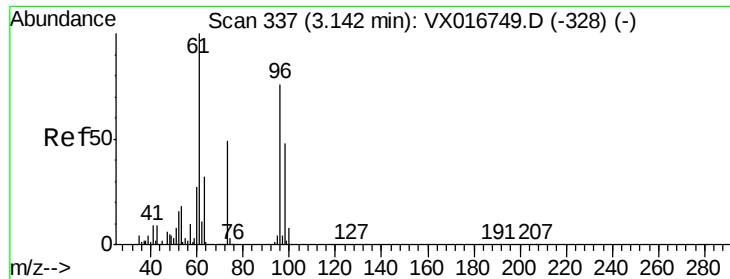
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#20
Methylene Chloride
Concen: 21.172 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	81.8	122.8
51	34.3	25.8	38.8
86	63.5	50.4	75.6





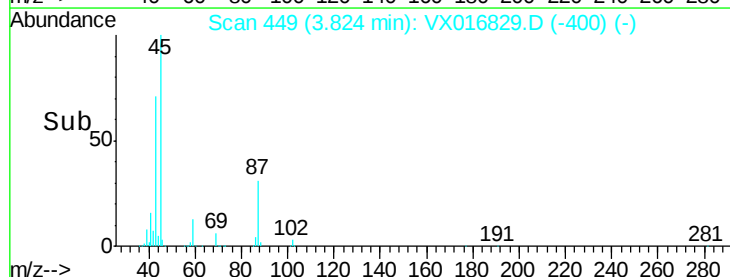
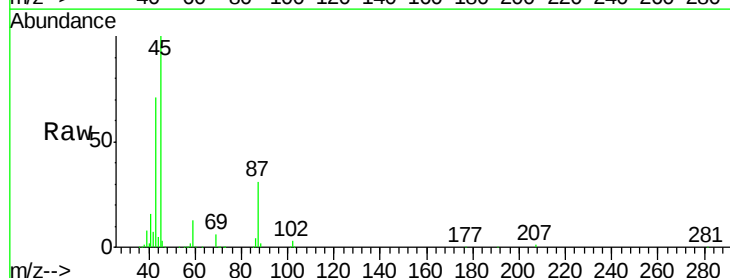
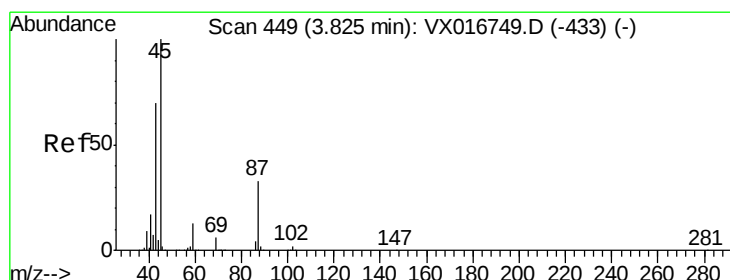
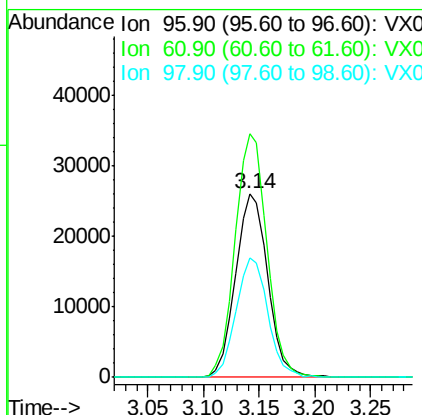
#21
trans-1,2-Dichloroethene
Concen: 18.786 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	105.4	158.2
98	65.3	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

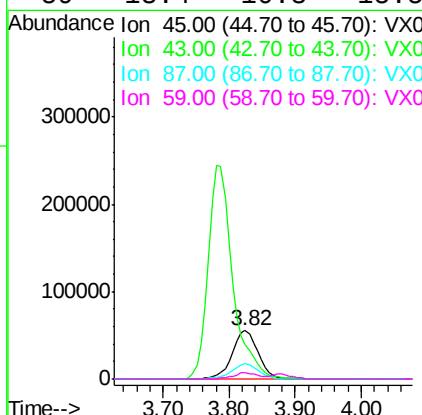
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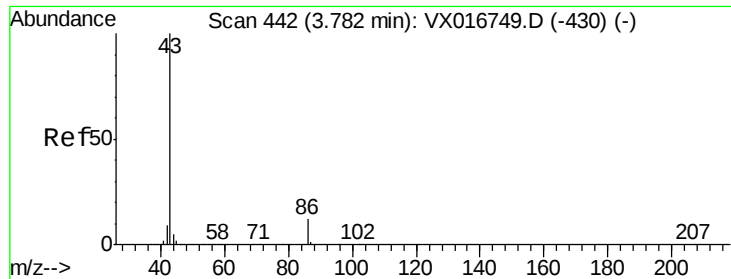
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#22
Diisopropyl ether
Concen: 19.760 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.9	56.2	84.4
87	31.4	26.2	39.4
59	13.4	10.3	15.5





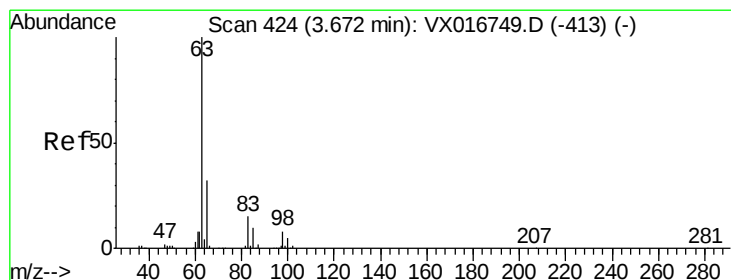
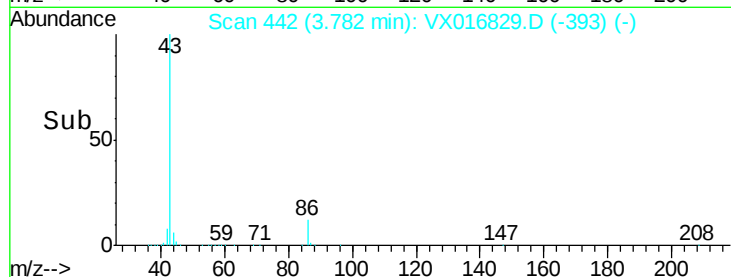
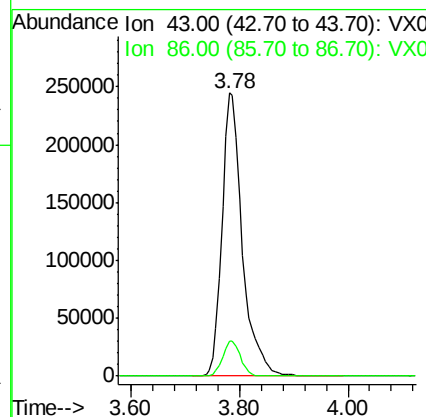
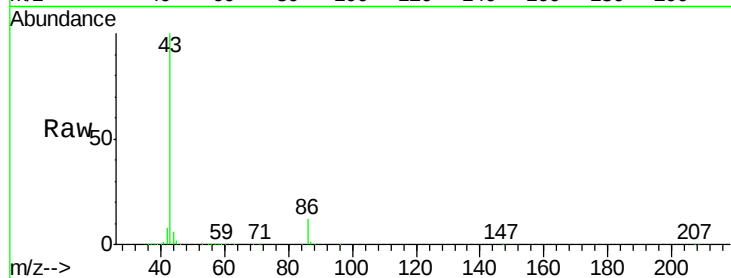
#23
 Vinyl Acetate
 Concen: 96.354 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.5	9.8	14.8

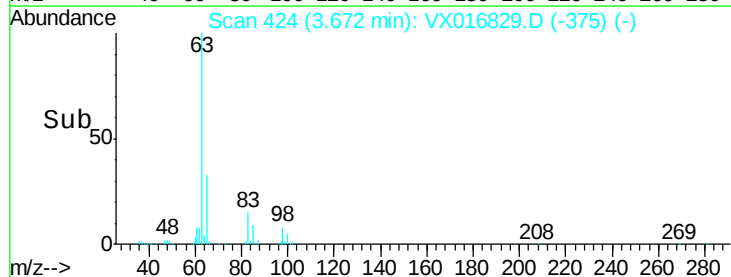
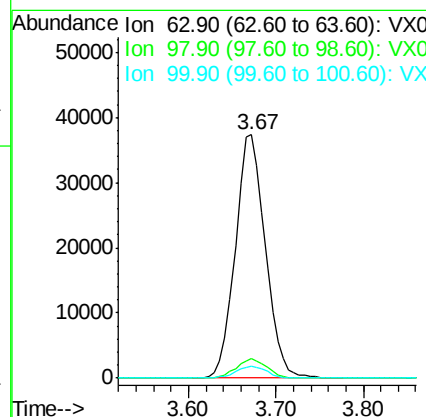
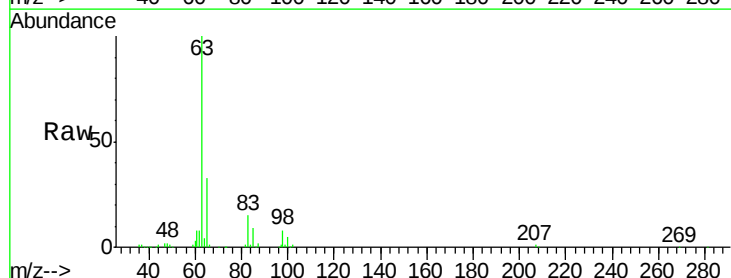
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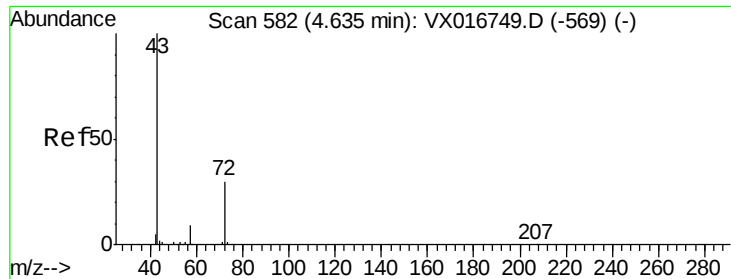
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#24
 1,1-Dichloroethane
 Concen: 18.794 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.8	11.4
100	5.2	2.3	6.9





#25

2-Butanone

Concen: 96.906 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 43 Resp: 197290

Ion Ratio Lower Upper

43 100

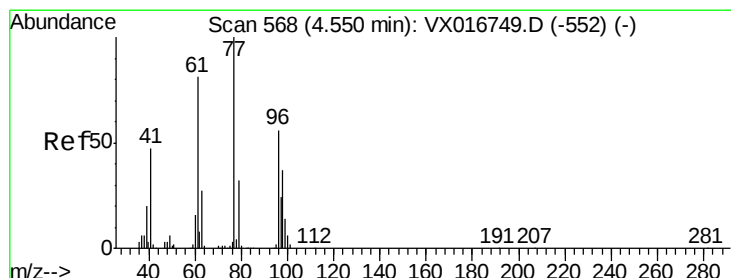
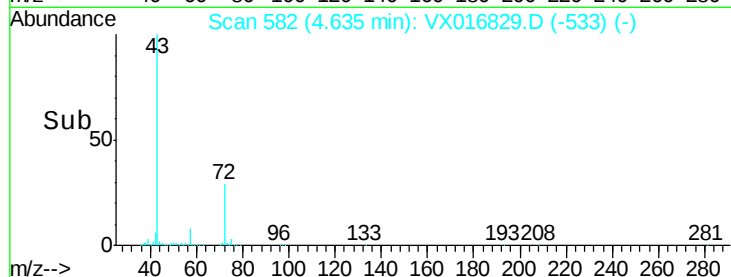
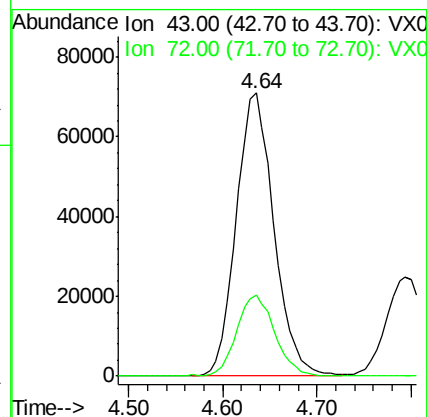
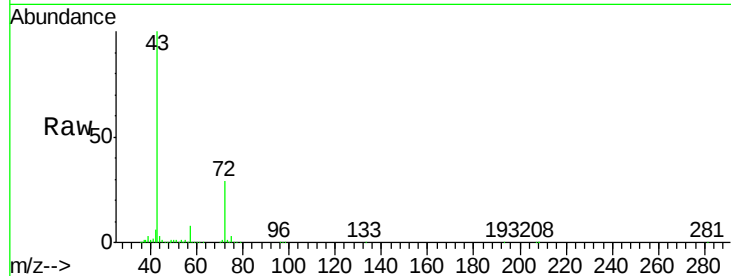
72 28.7 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.093 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016829.D

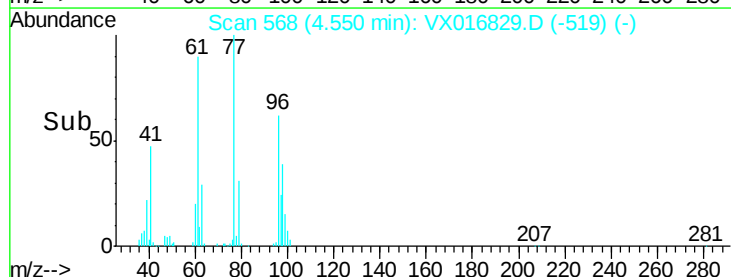
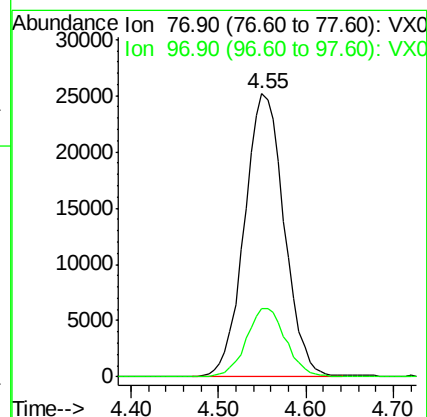
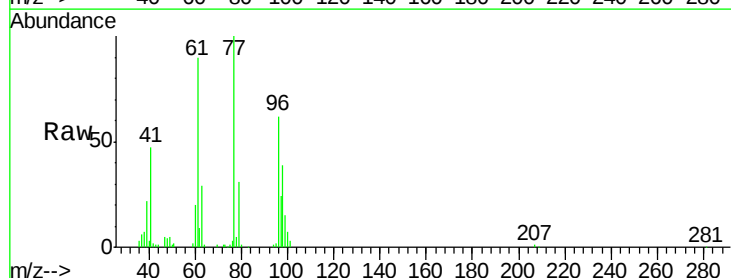
Acq: 17 Jun 2020 19:59

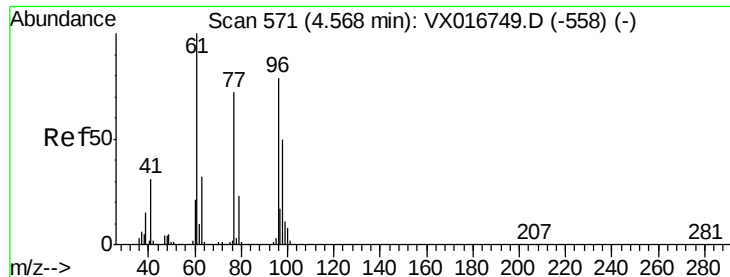
Tgt Ion: 77 Resp: 79659

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.4





#27

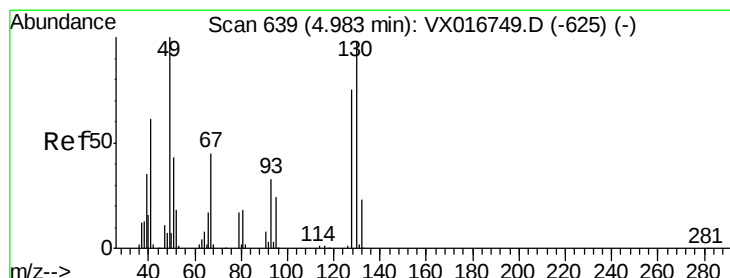
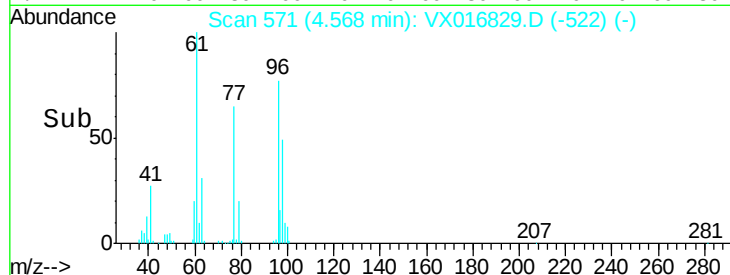
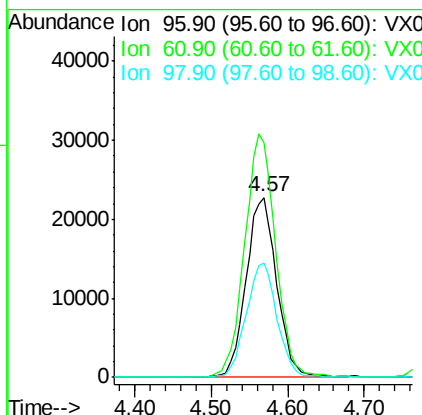
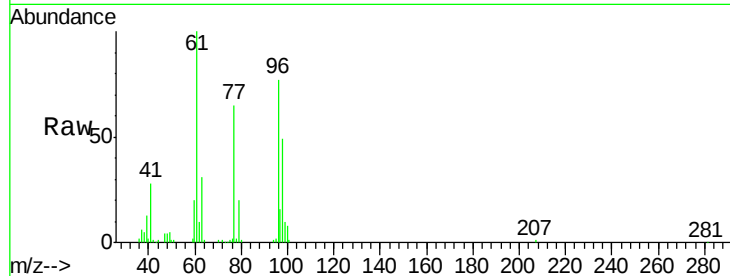
cis-1,2-Dichloroethene
Concen: 19.871 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	276.2
98	64.0	0.0	130.0

Manual Integrations
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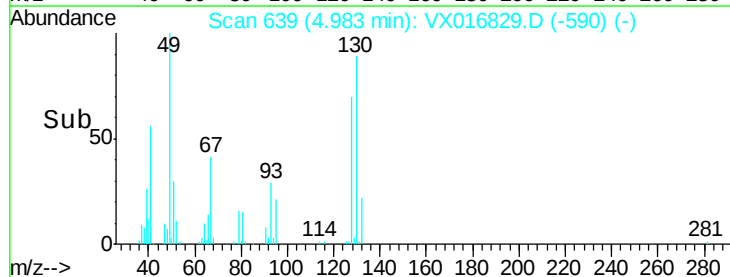
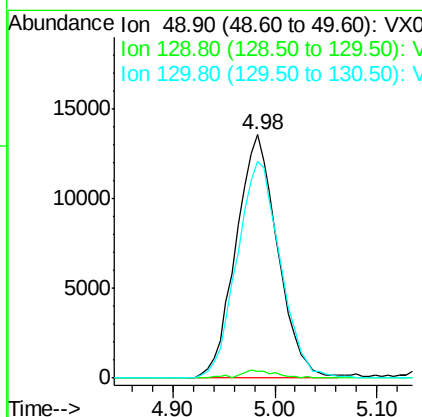
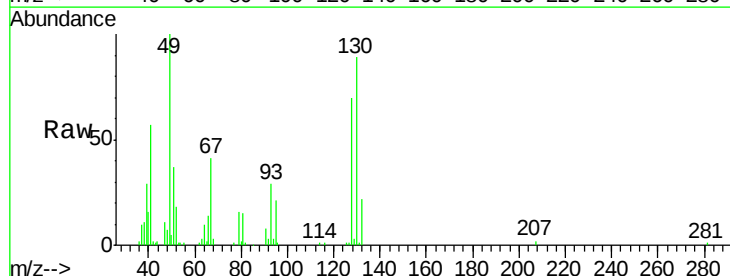
MMDadoda
6/18/2020 11:16:42 AM

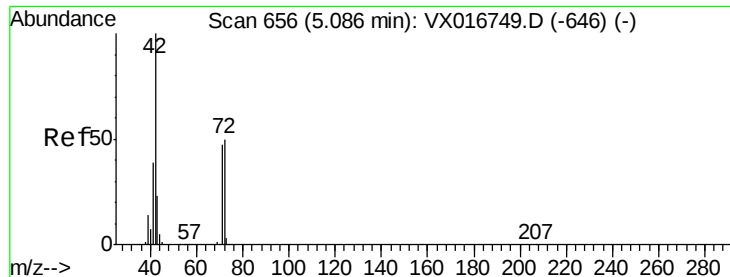


#28

Bromochloromethane
Concen: 18.933 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.8
130	92.7	76.0	114.0





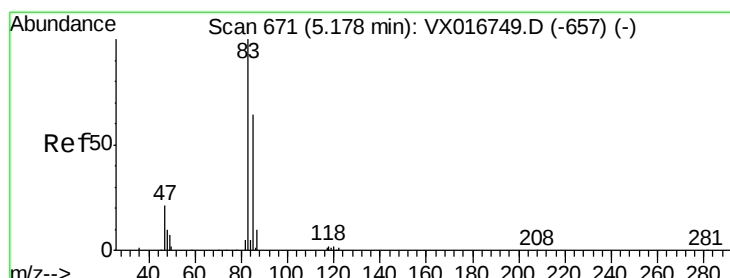
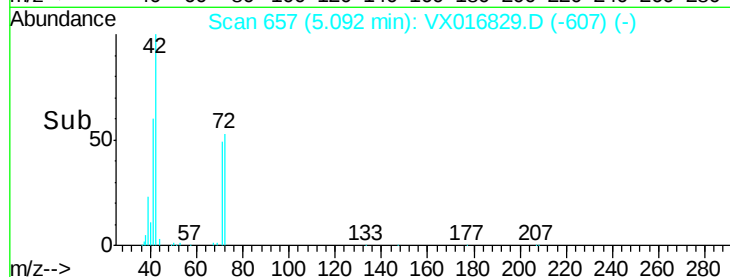
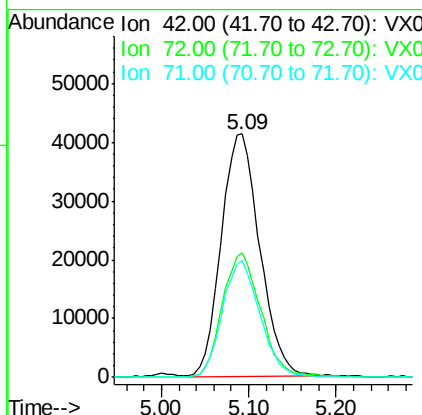
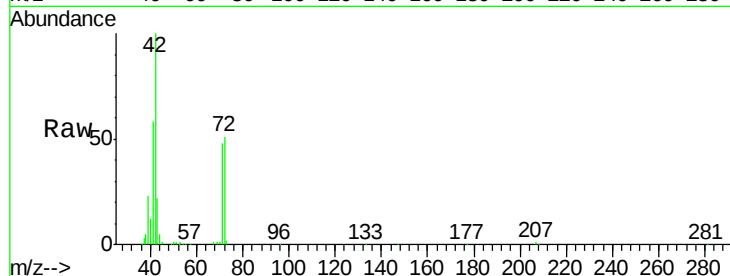
#29
Tetrahydrofuran
Concen: 96.081 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.0	61.6
71	46.9	38.2	57.4

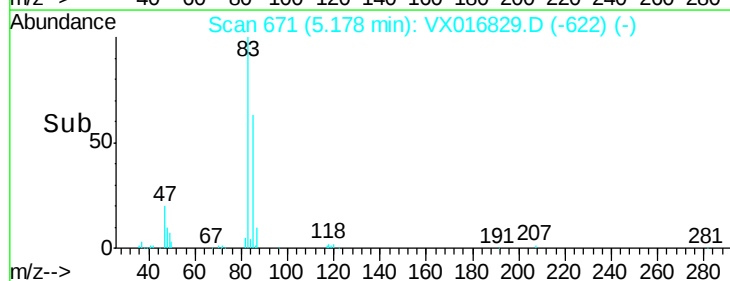
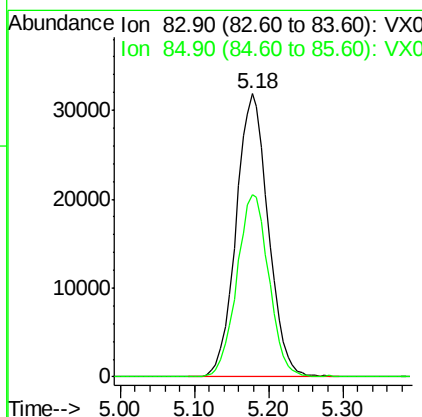
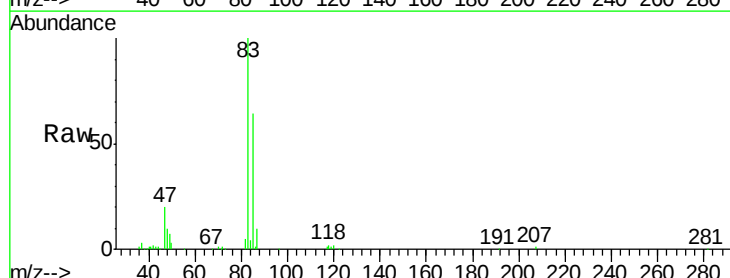
Manual Integrations
APPROVED

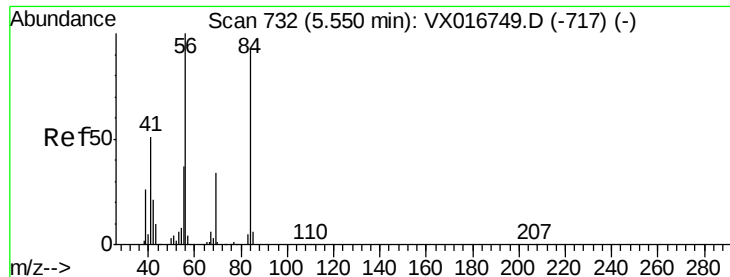
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6/18/2020 11:16:42 AM



#30
Chloroform
Concen: 19.167 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.8	76.2





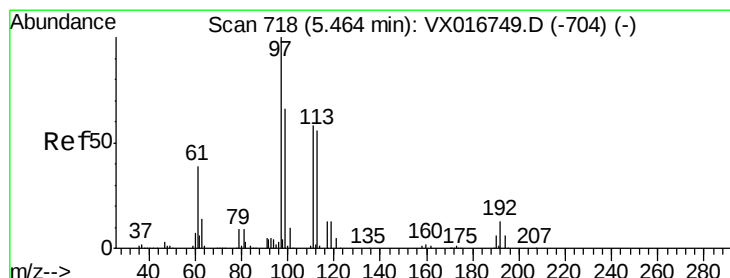
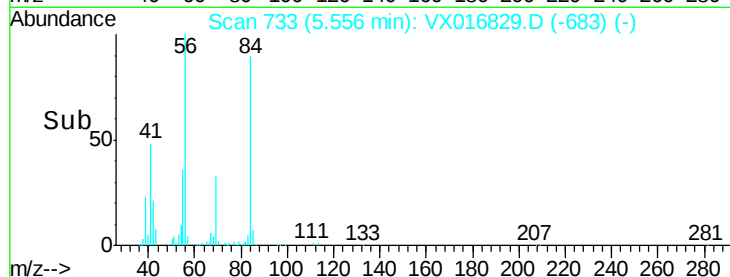
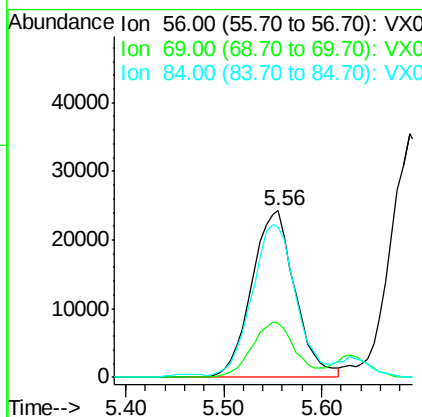
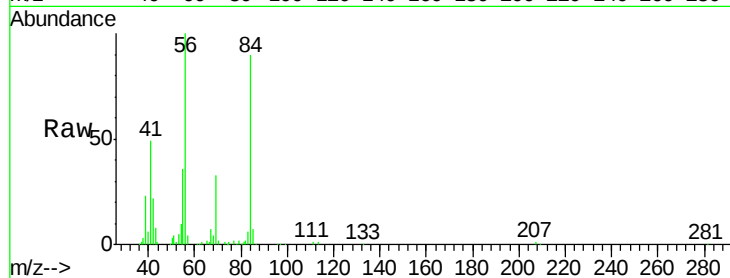
#31
Cvclohexane
Concen: 20.068 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	27.1	40.7
84	88.3	74.0	111.0

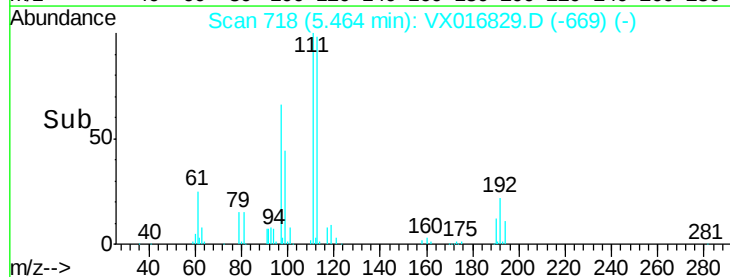
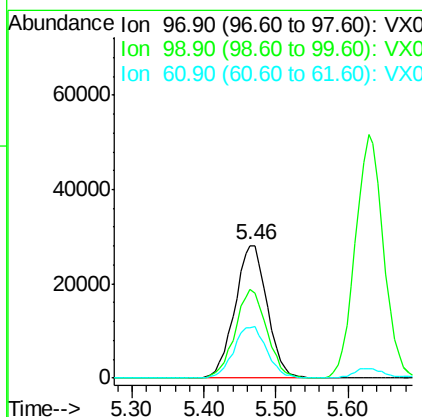
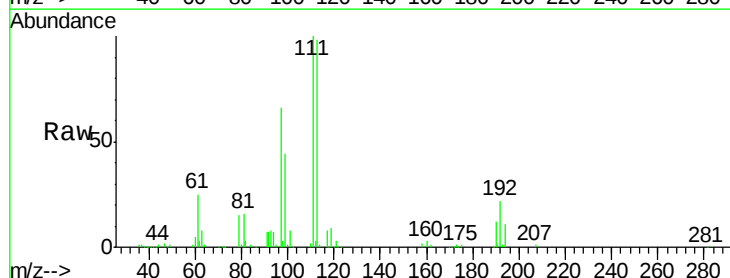
Manual Integrations
APPROVED

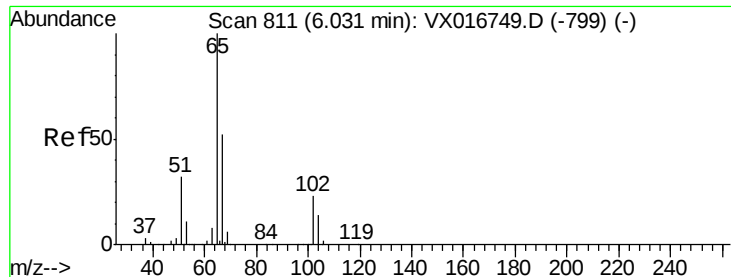
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#32
1,1,1-Trichloroethane
Concen: 19.176 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.5	77.3
61	40.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 48.956 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 65 Resp: 145784

Ion Ratio Lower Upper

65 100

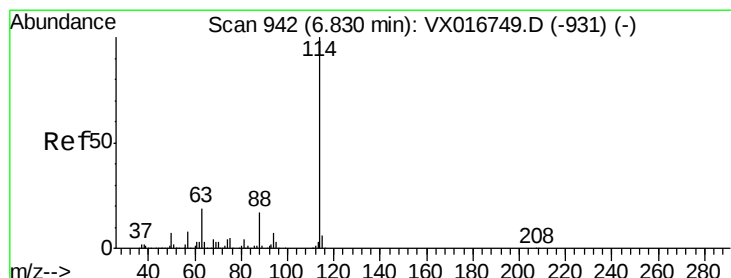
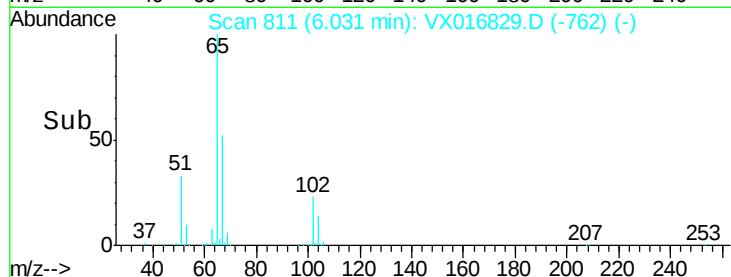
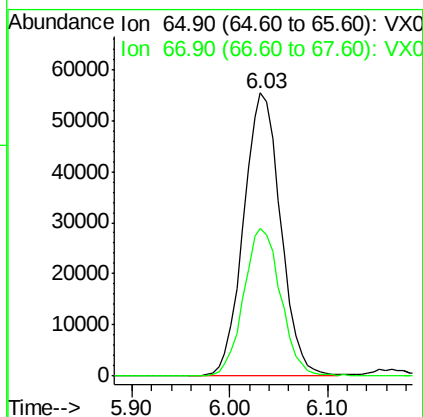
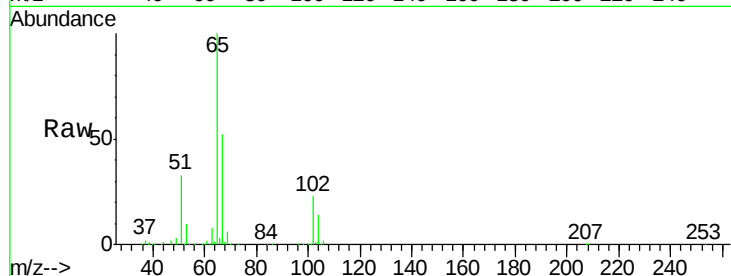
67 52.2 0.0 103.0

Manual Integrations

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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: VX016829.D

Acq: 17 Jun 2020 19:59

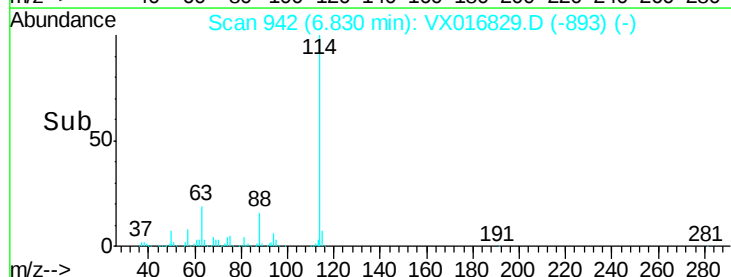
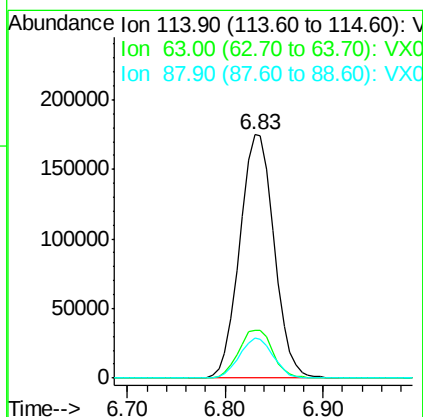
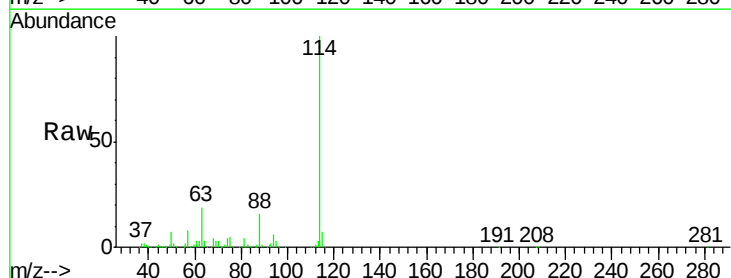
Tgt Ion: 114 Resp: 428083

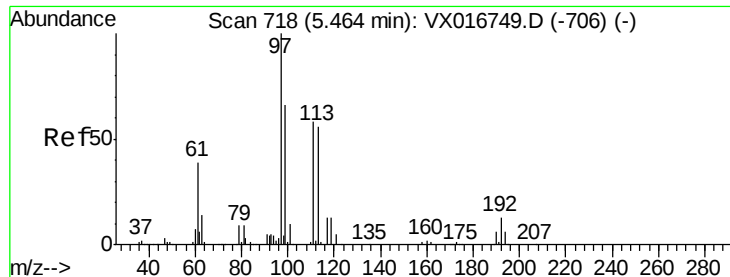
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 16.3 0.0 33.4





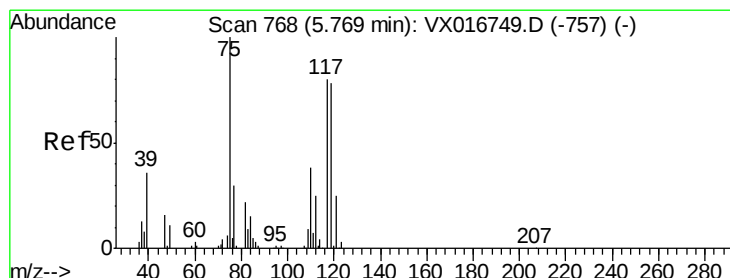
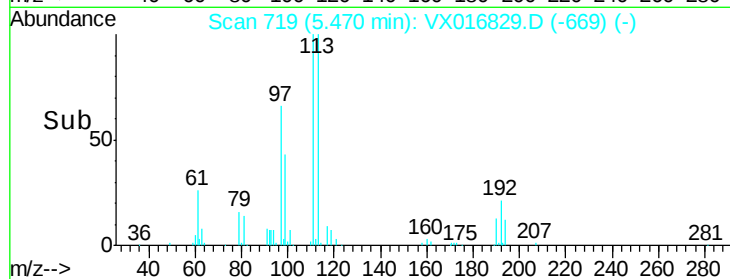
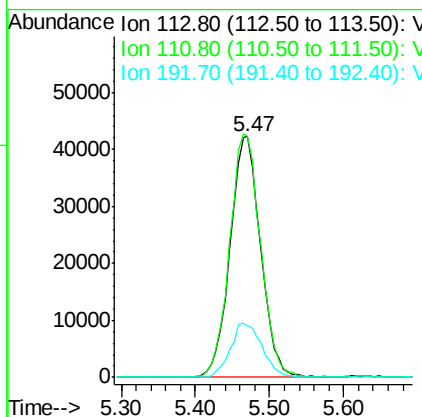
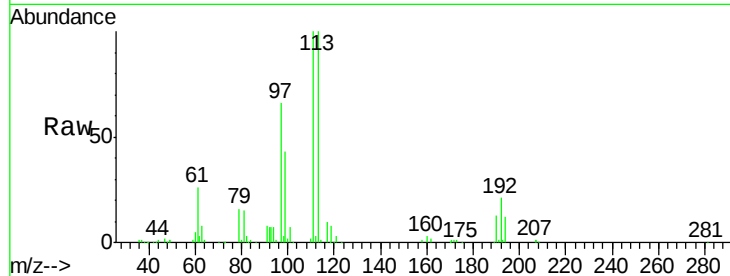
#35
 Dibromofluoromethane
 Concen: 45.875 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	23.5	18.2	27.4

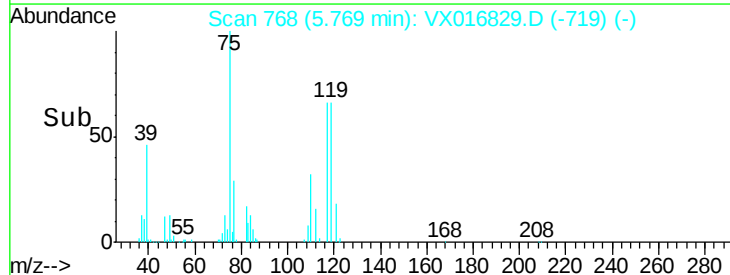
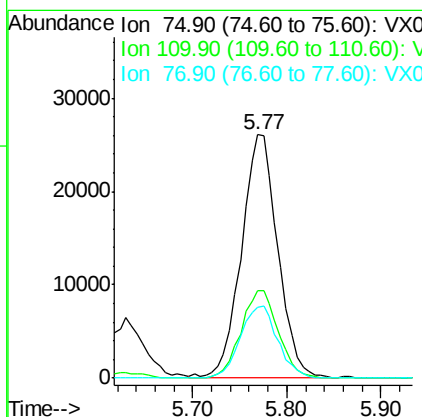
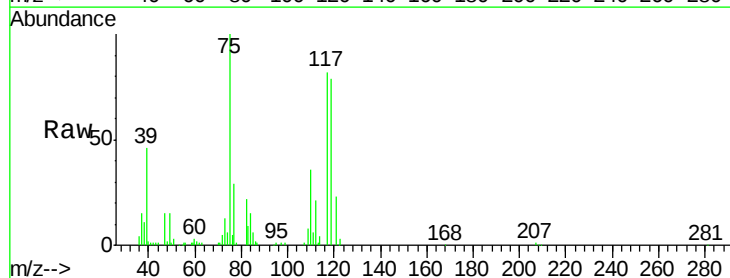
Manual Integrations
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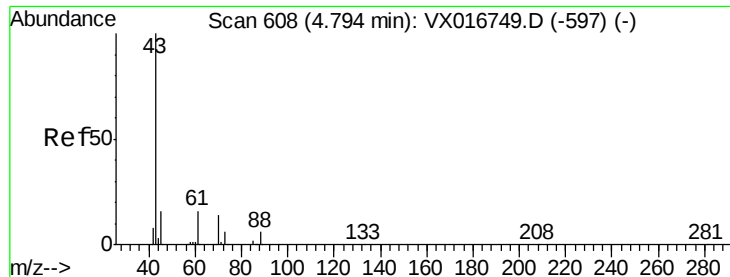
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#36
 1,1-Dichloropropene
 Concen: 18.452 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.4	55.2
77	30.9	24.7	37.1





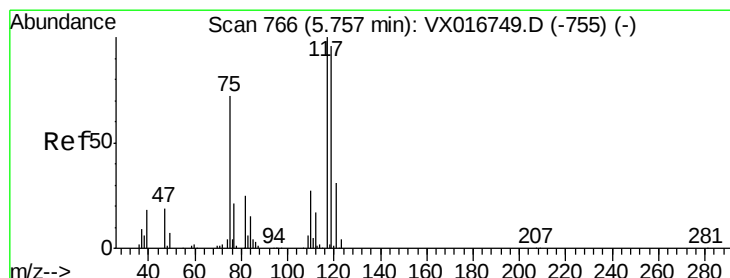
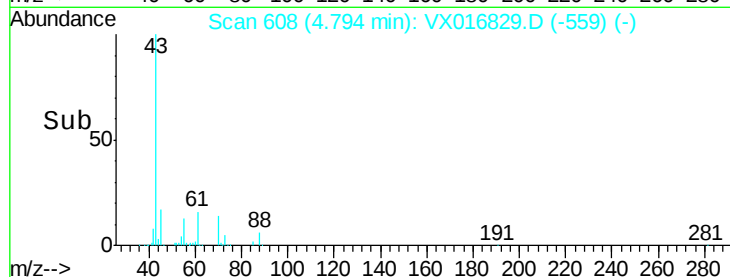
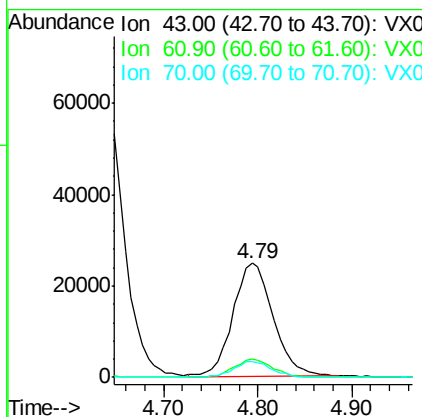
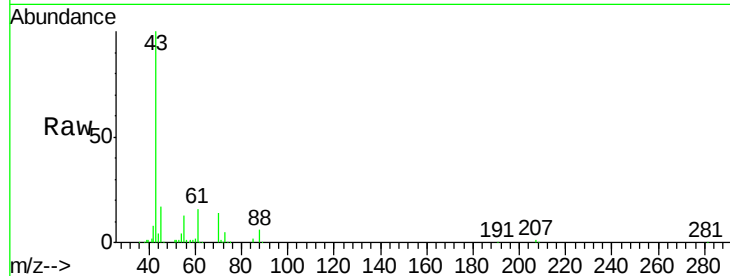
#37
Ethyl Acetate
Concen: 17.846 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.4	18.6
70	13.5	10.8	16.2

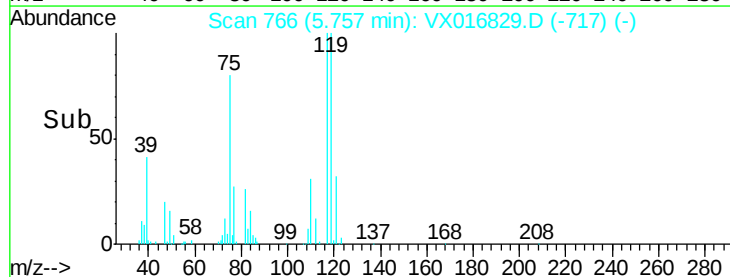
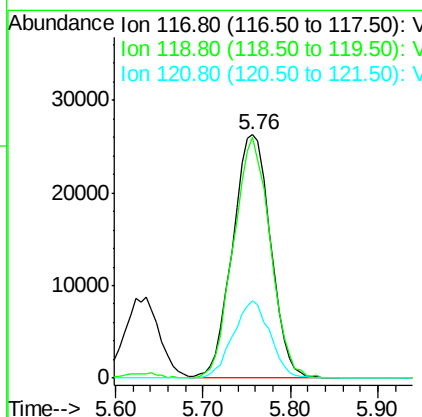
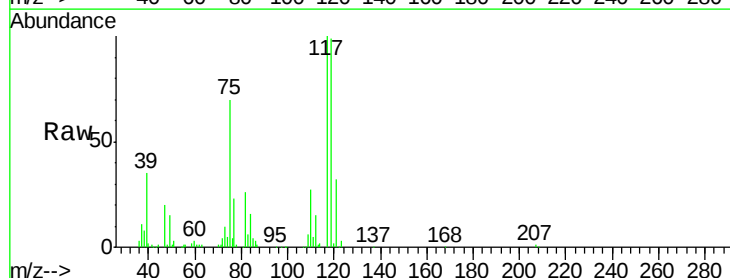
Manual Integrations
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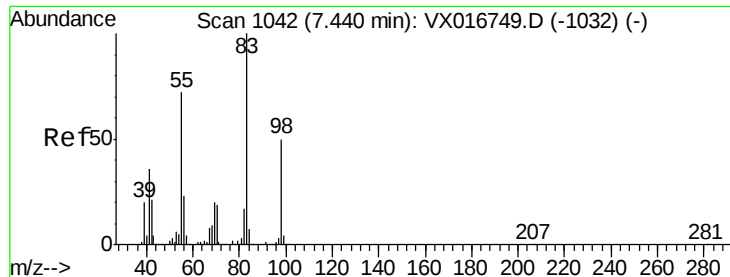
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#38
Carbon Tetrachloride
Concen: 18.550 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.7	115.1
121	31.9	24.7	37.1





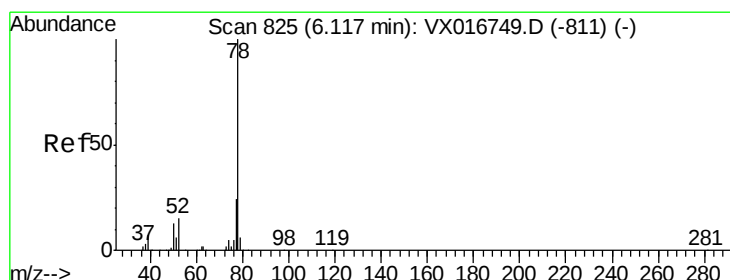
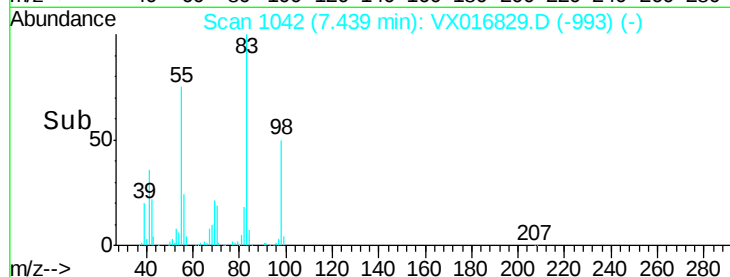
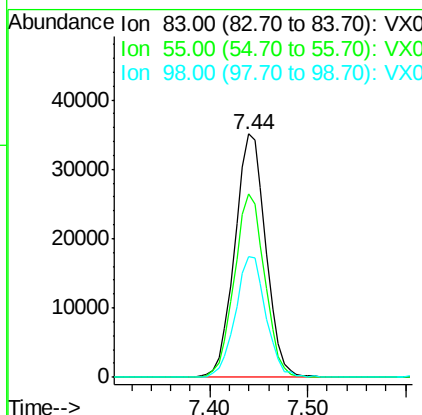
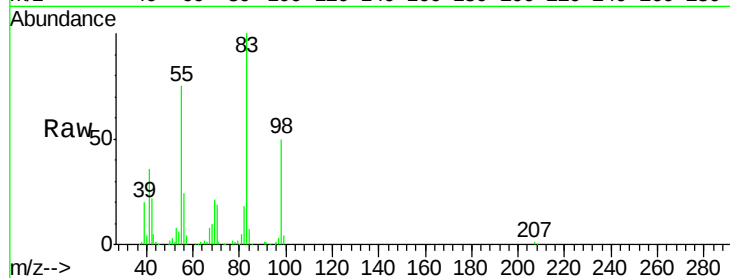
#39
Methvlcvclohexane
Concen: 18.154 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	57.3	85.9
98	49.8	40.3	60.5

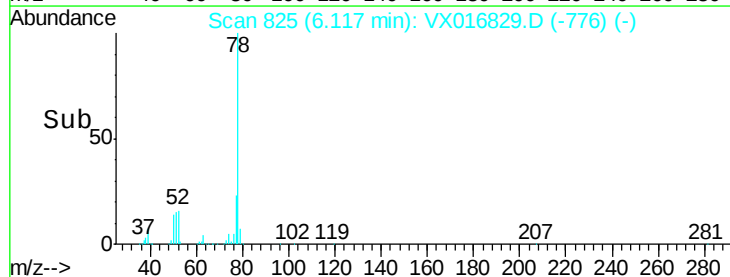
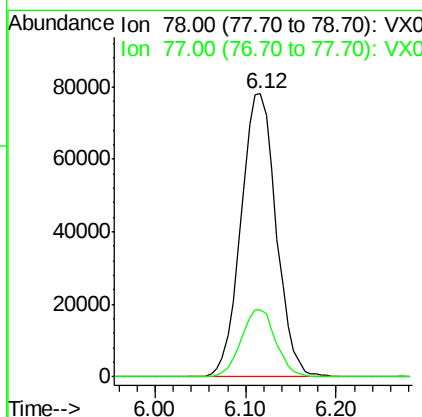
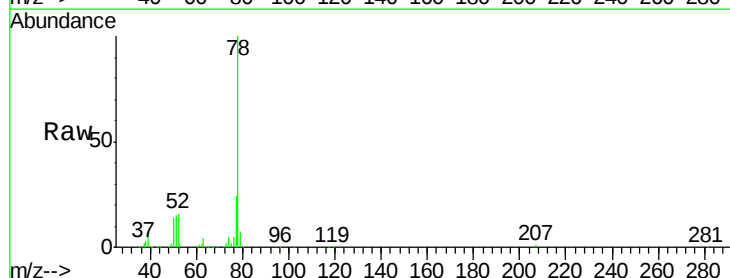
Manual Integrations
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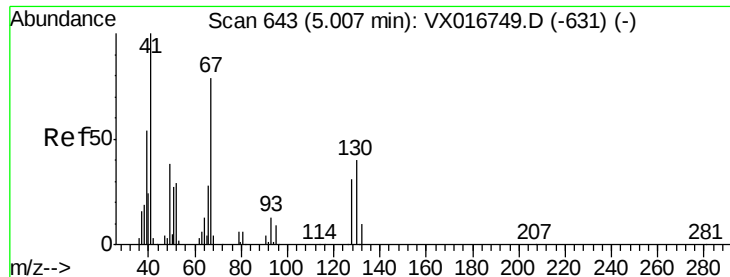
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#40
Benzene
Concen: 18.263 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41

Methacrylonitrile

Concen: 18.861 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

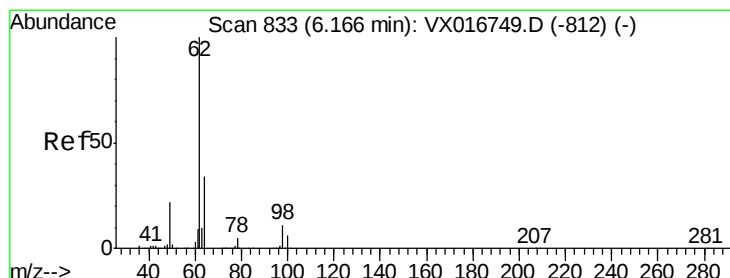
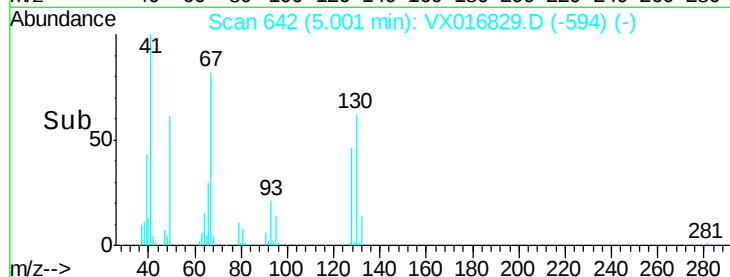
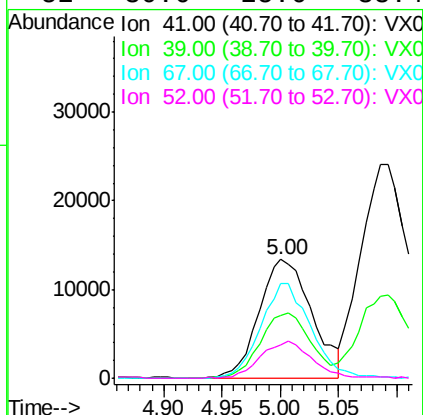
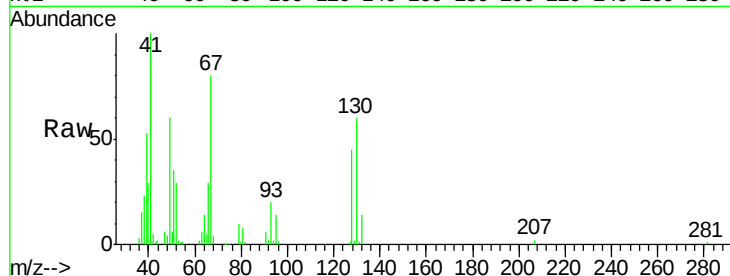
ClientSampleId :

VX0617WBS05

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.7	65.5
67	76.7	64.6	96.8
52	30.6	25.6	38.4

Manual Integrations
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MMDadoda
6/18/2020 11:16:42 AM



#42

1,2-Dichloroethane

Concen: 17.698 ug/l

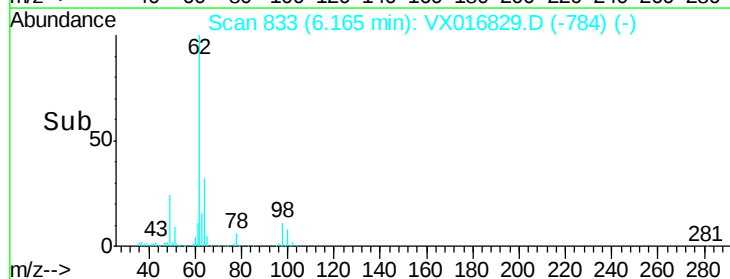
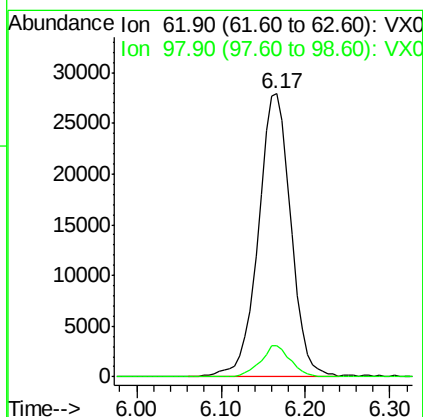
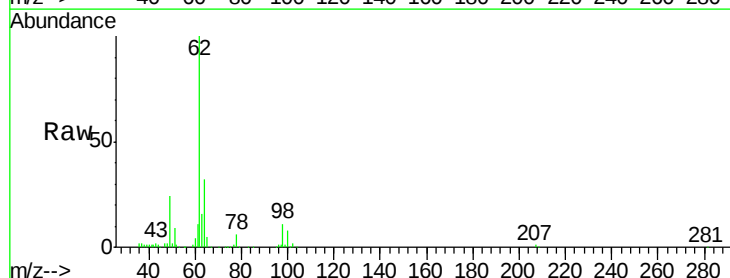
RT: 6.17 min Scan# 833

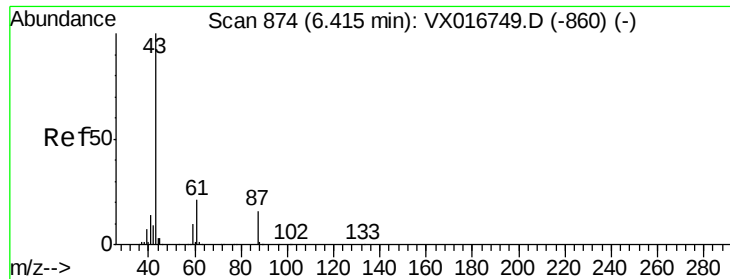
Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

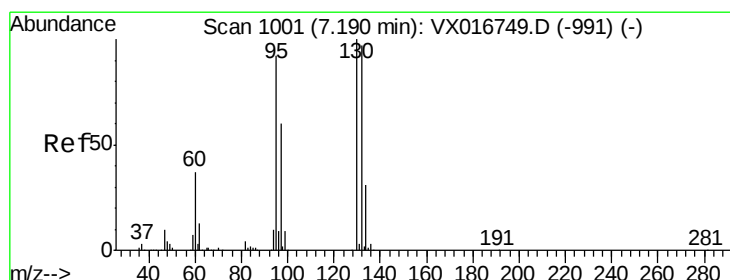
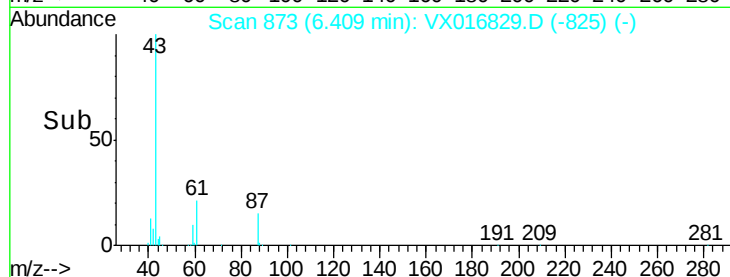
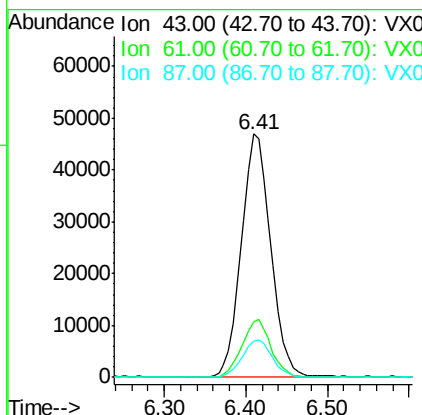
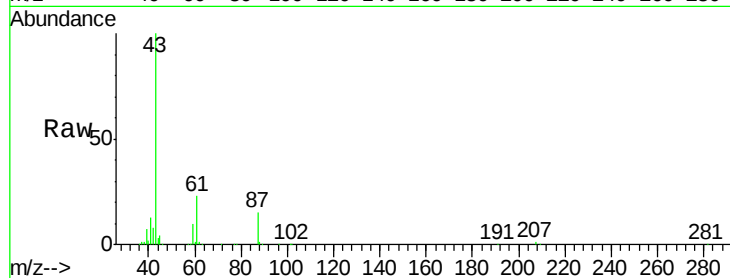
Isopropyl Acetate
 Concen: 18.044 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.4	17.7	26.5
87	15.8	12.5	18.7

Manual Integrations
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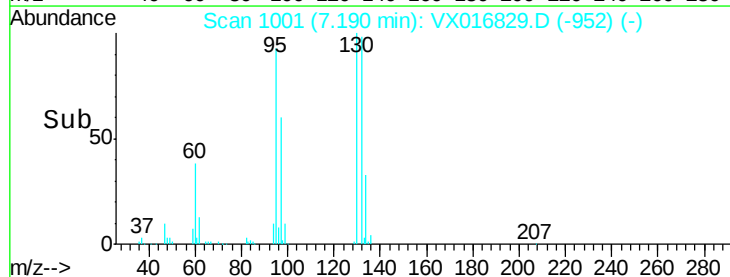
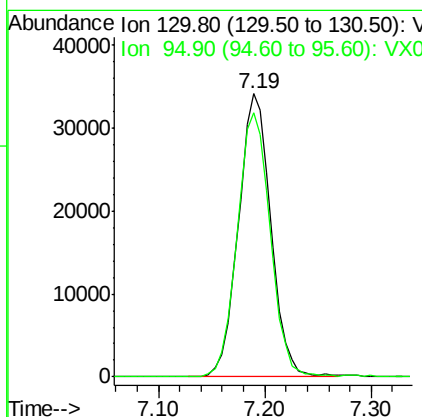
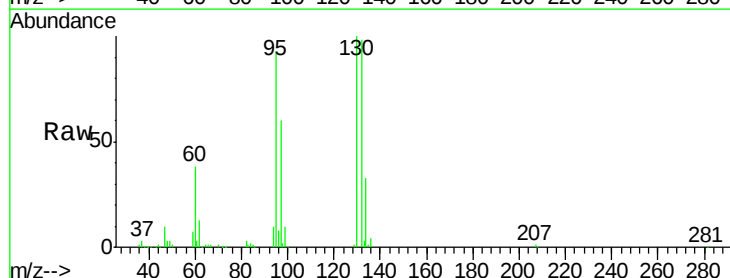
MMDadoda
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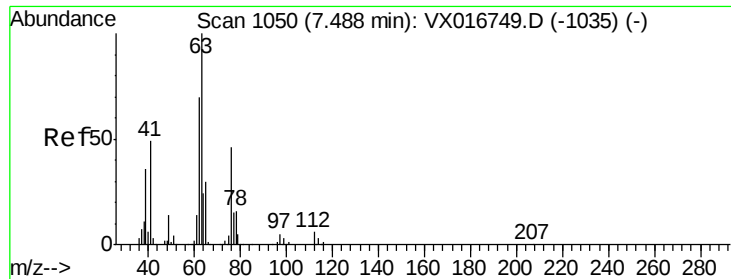


#44

Trichloroethene
 Concen: 20.504 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	183.6





#45

1,2-Dichloropropane

Concen: 18.703 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 63 Resp: 52810

Ion Ratio Lower Upper

63 100

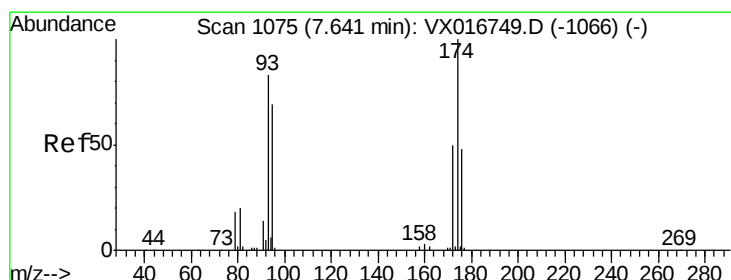
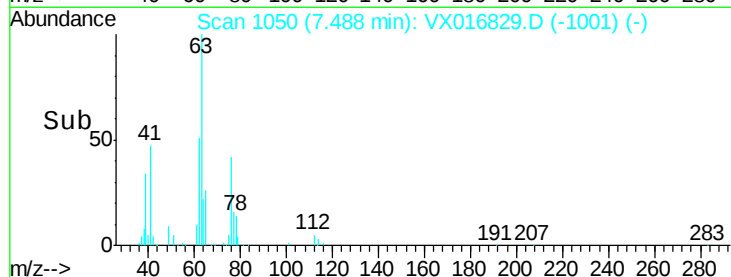
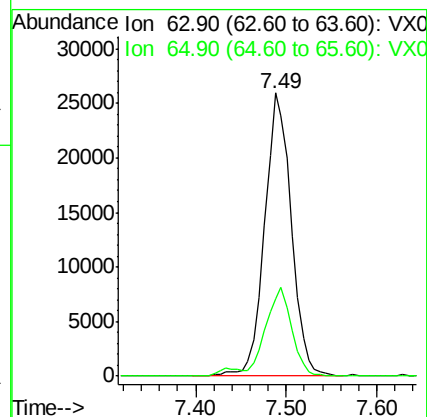
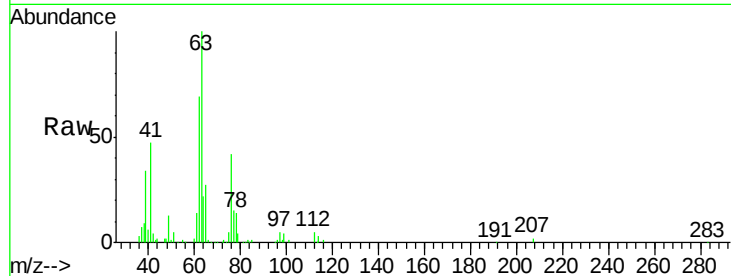
65 27.5 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 17.880 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

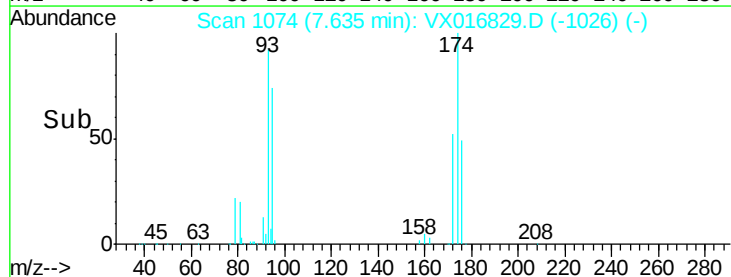
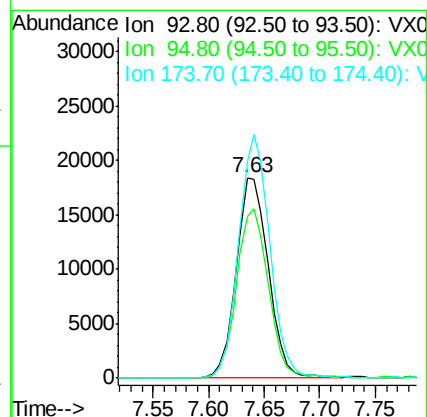
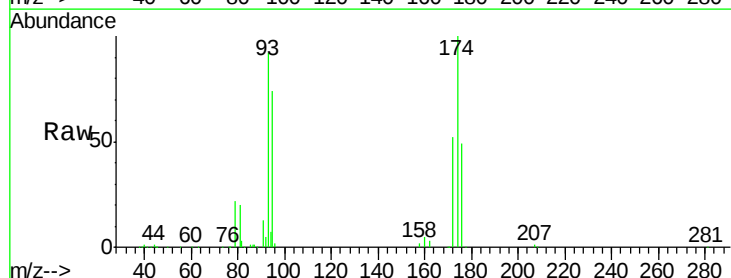
Tgt Ion: 93 Resp: 36795

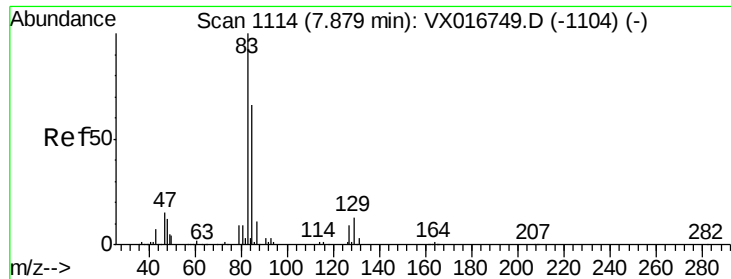
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 117.7 93.8 140.8





#47

Bromodichloromethane

Concen: 17.864 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

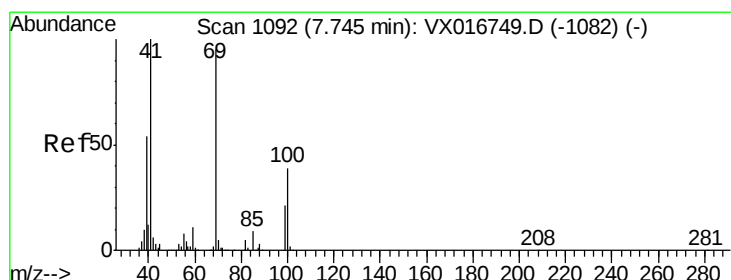
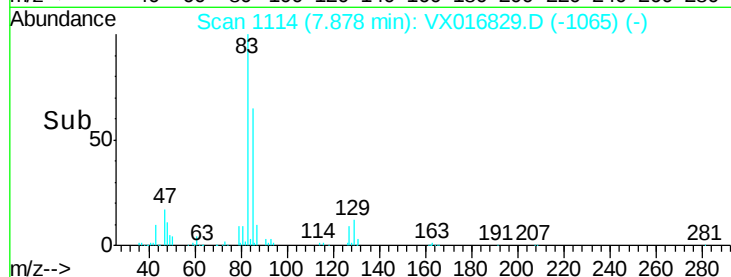
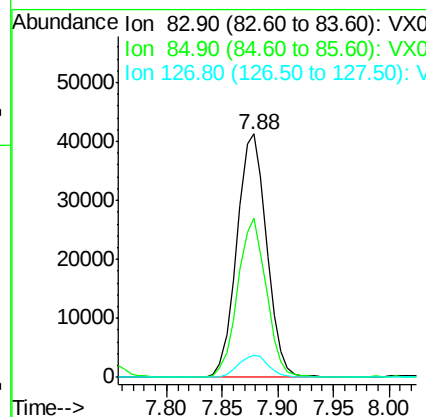
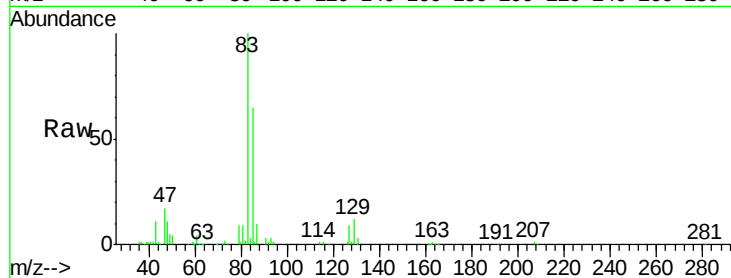
ClientSampleId :

VX0617WBS05

Tot Ion:	83	Resp:	76642
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7
127	9.1	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.132 ug/l

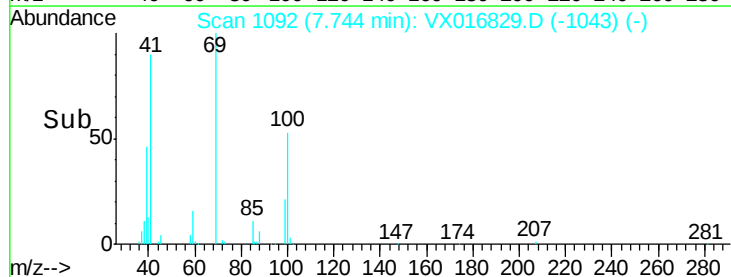
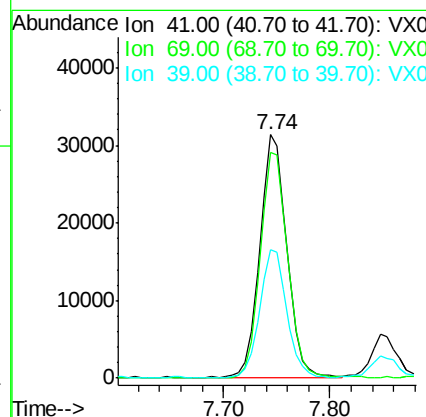
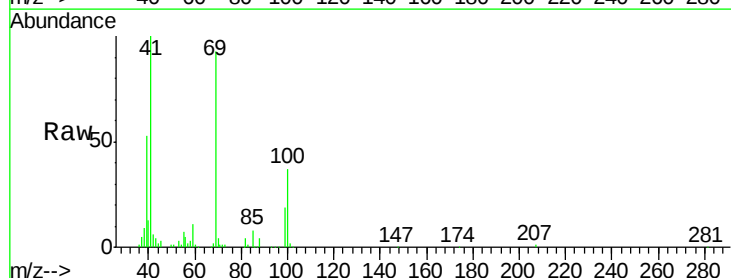
RT: 7.74 min Scan# 1092

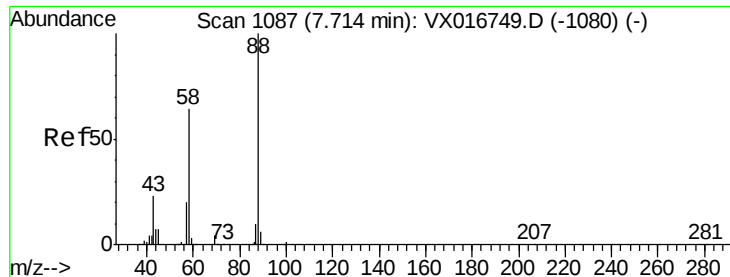
Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion:	41	Resp:	55802
Ion	Ratio	Lower	Upper
41	100		
69	94.8	75.0	112.6
39	53.2	44.3	66.5





#49

1,4-Dioxane

Concen: 320.027 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

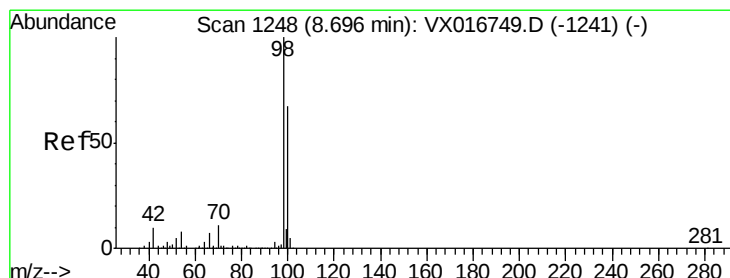
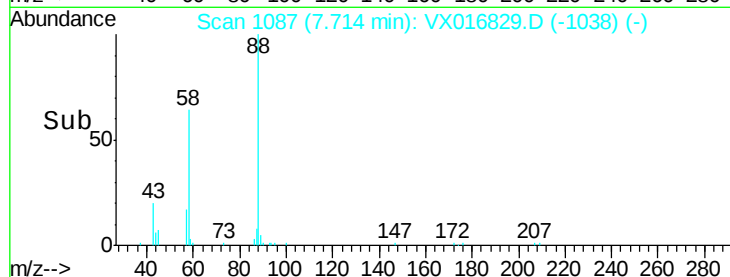
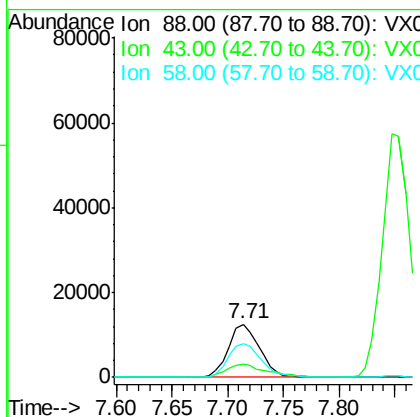
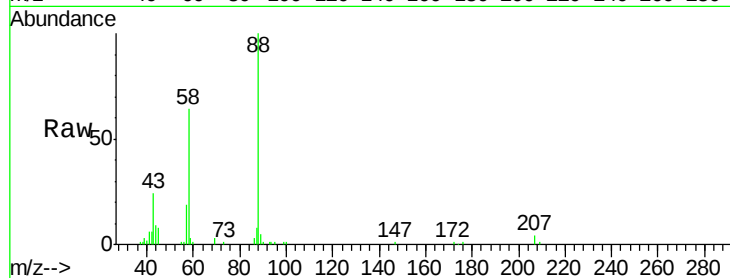
ClientSampleId :

VX0617WBS05

Tot Ion:	88	Resp:	24373
Ion	Ratio	Lower	Upper
88	100		
43	31.2	22.9	34.3
58	68.5	53.7	80.5

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#50

Toluene-d8

Concen: 47.828 ug/l

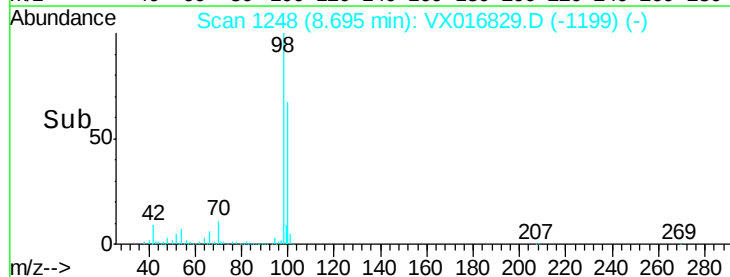
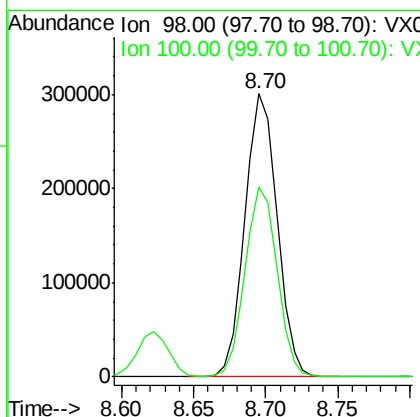
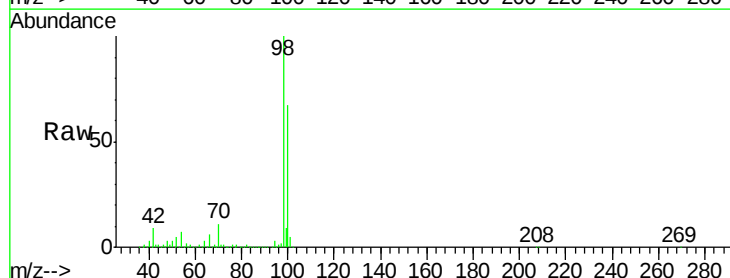
RT: 8.70 min Scan# 1248

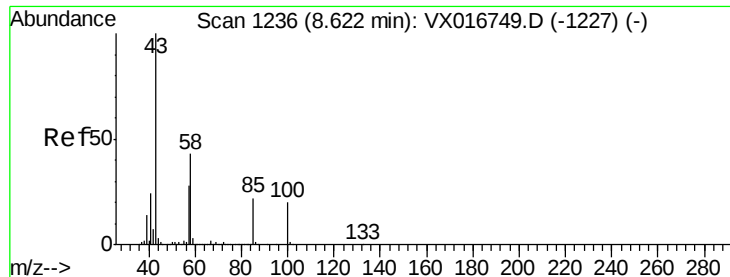
Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion:	98	Resp:	465786
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 94.515 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 43 Resp: 378167

Ion Ratio Lower Upper

43 100

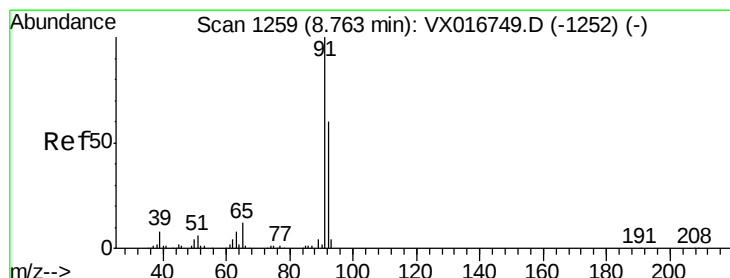
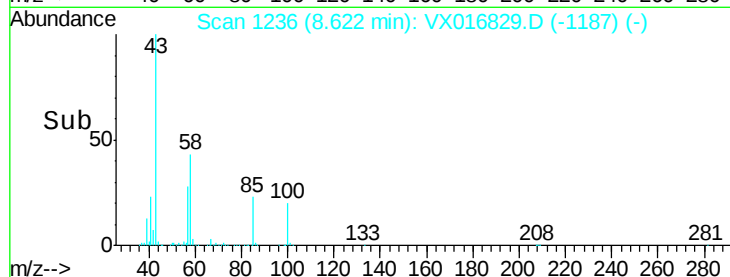
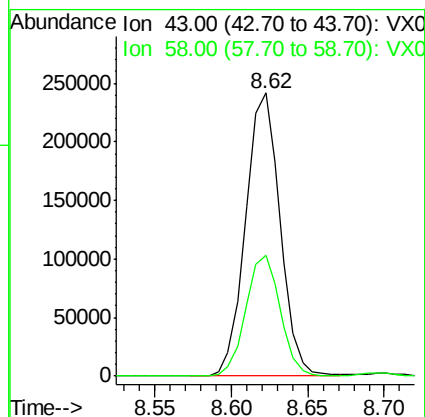
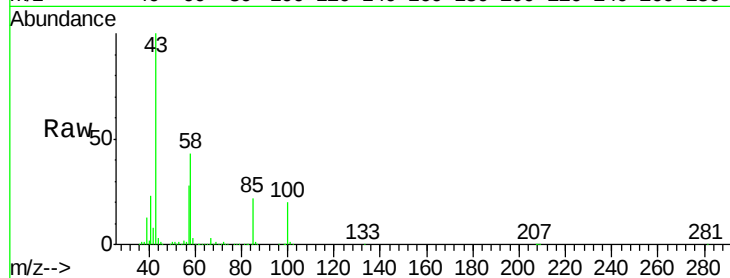
58 42.8 34.6 52.0

Manual Integrations

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#52

Toluene

Concen: 18.411 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016829.D

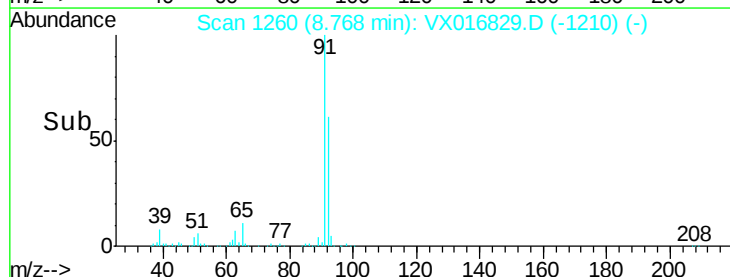
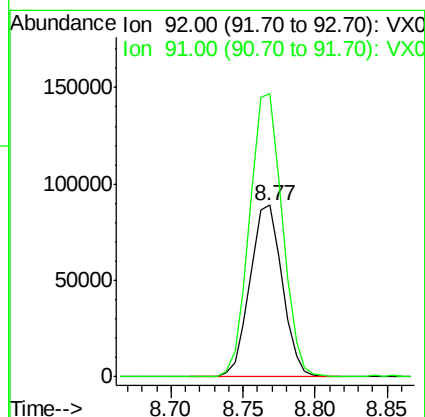
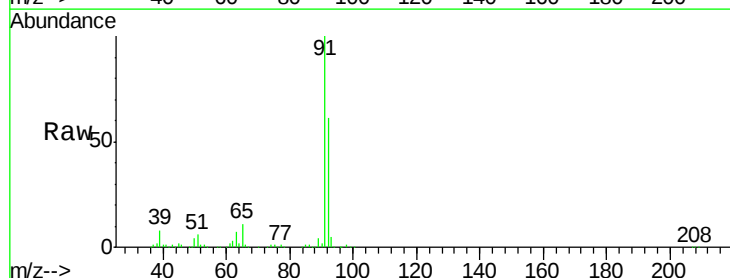
Acq: 17 Jun 2020 19:59

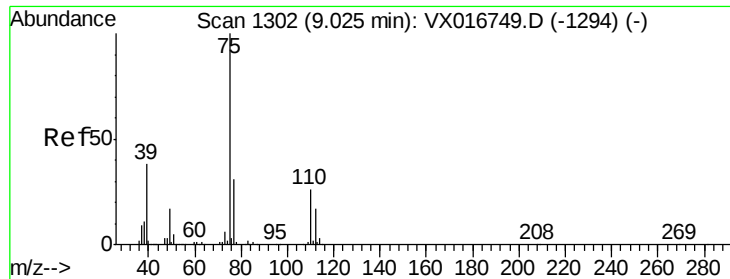
Tgt Ion: 92 Resp: 137743

Ion Ratio Lower Upper

92 100

91 167.3 136.1 204.1





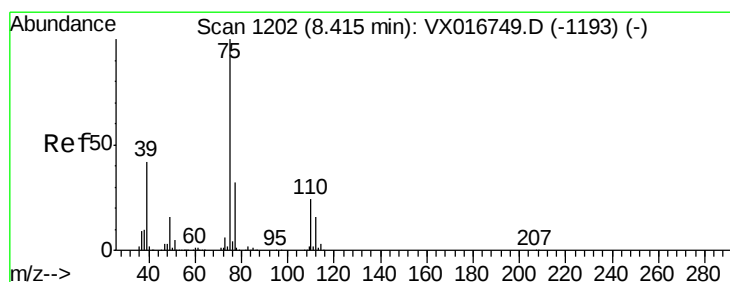
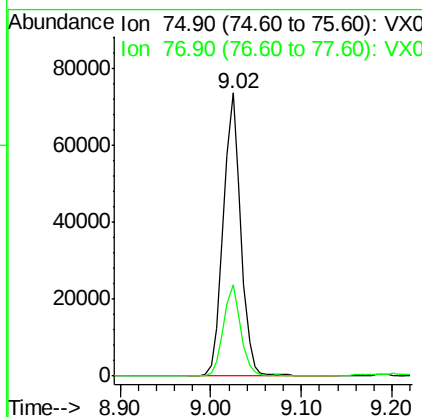
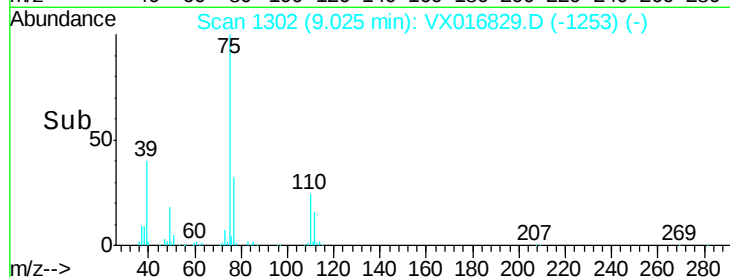
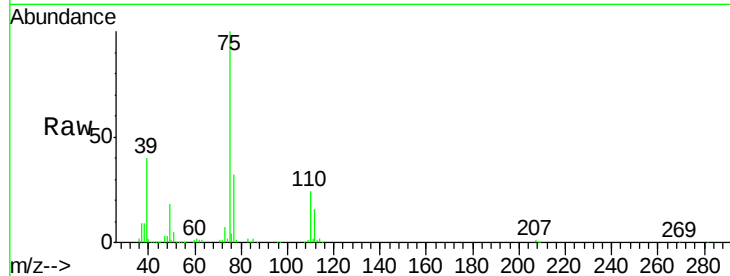
#53
t-1,3-Dichloropropene
Concen: 20.477 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion: 75 Resp: 99226
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1

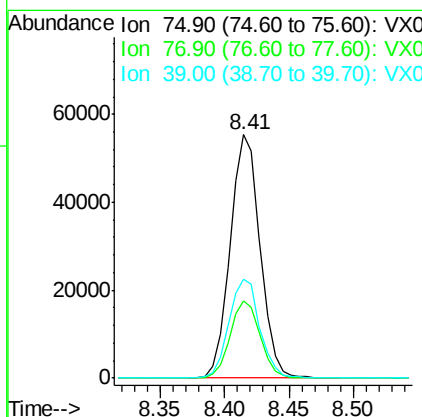
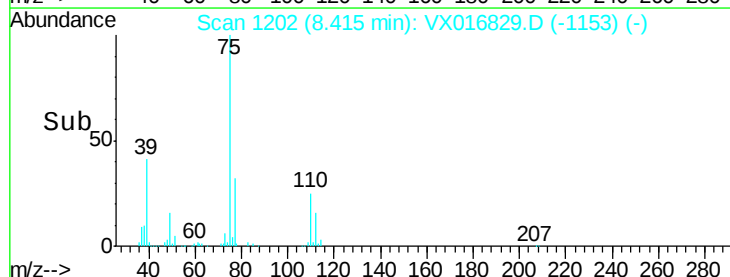
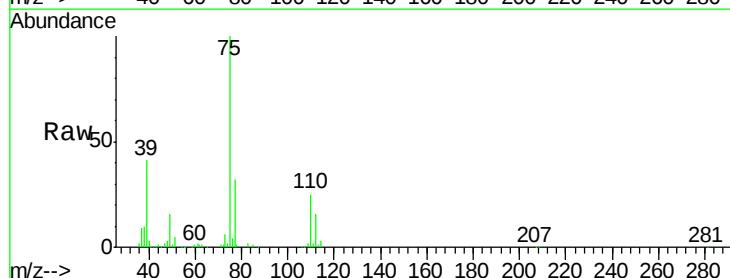
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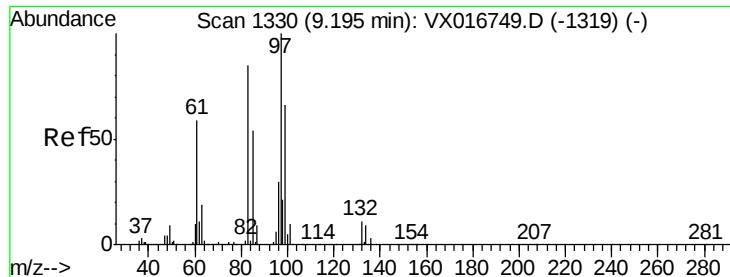
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#54
cis-1,3-Dichloropropene
Concen: 17.721 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 75 Resp: 89576
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 40.4 33.7 50.5





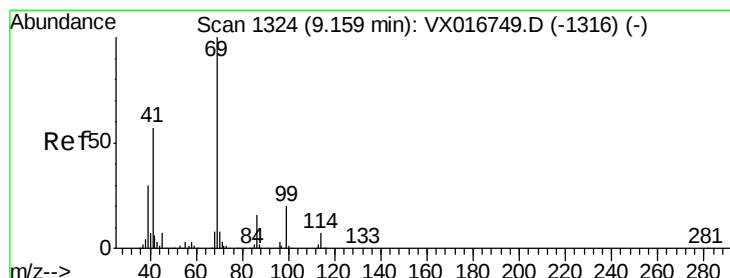
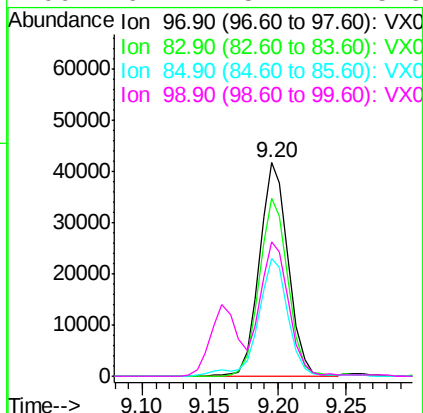
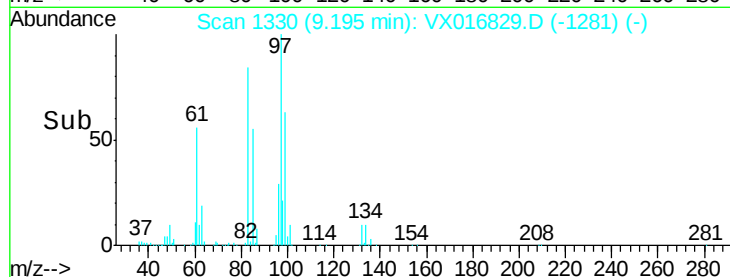
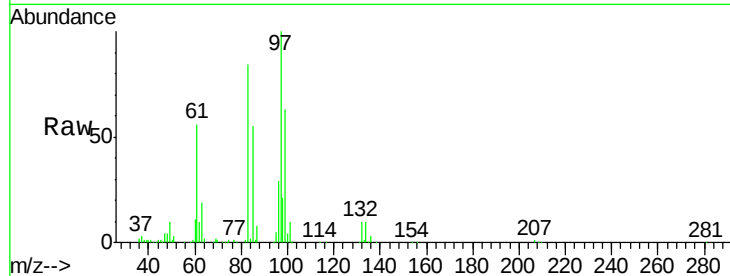
#55
 1,1,2-Trichloroethane
 Concen: 20.598 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion:	97	Resp:	61977
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.3	102.5
85	55.3	43.5	65.3
99	62.7	52.4	78.6

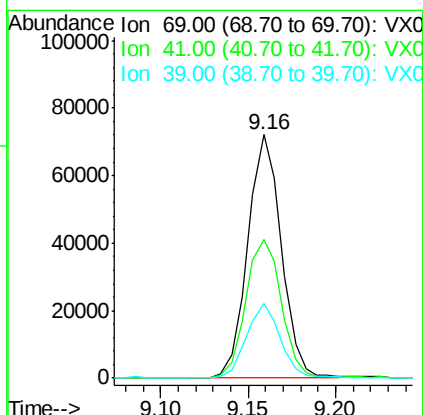
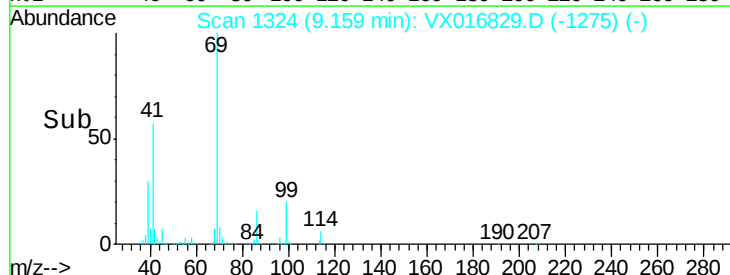
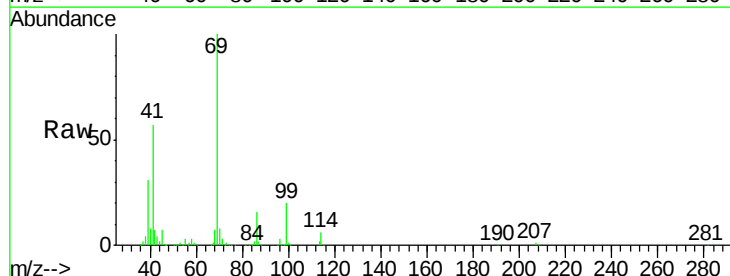
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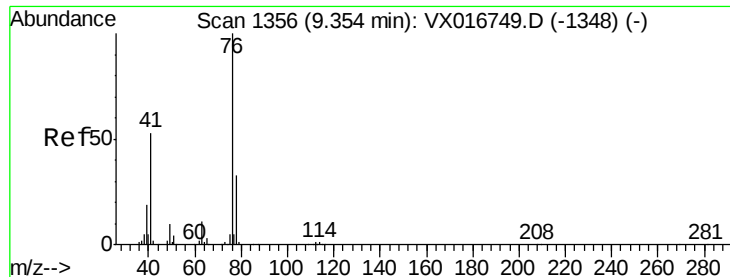
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#56
 Ethyl methacrylate
 Concen: 21.394 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion:	69	Resp:	96379
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.1	70.7
39	30.8	25.0	37.6





#57

1,3-Dichloropropane

Concen: 20.936 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 76 Resp: 105892

Ion Ratio Lower Upper

76 100

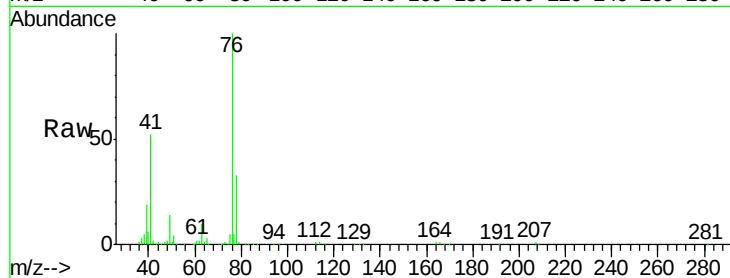
78 32.8 25.7 38.5

Manual Integrations

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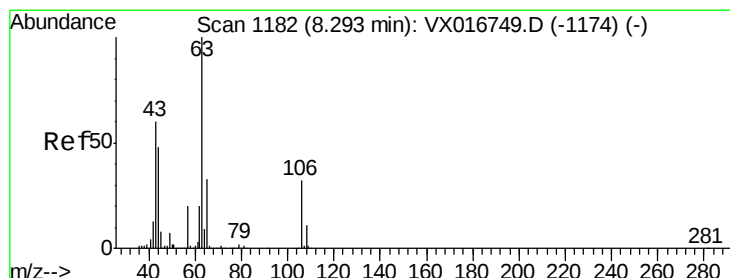
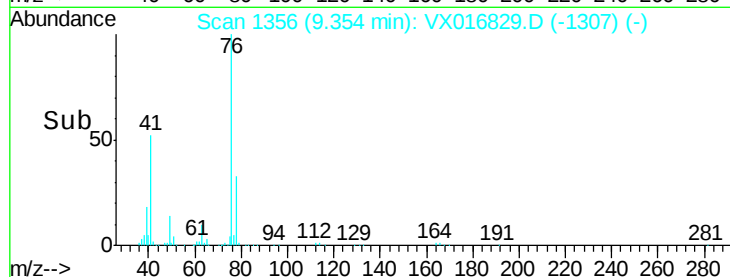
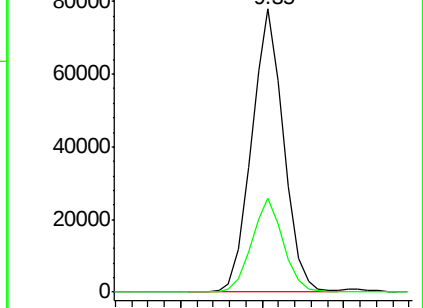
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.892 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016829.D

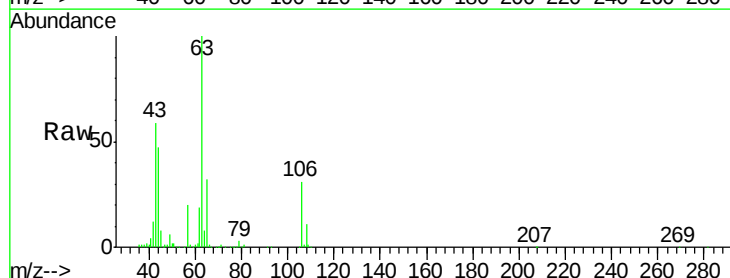
Acq: 17 Jun 2020 19:59

Tgt Ion: 63 Resp: 207972

Ion Ratio Lower Upper

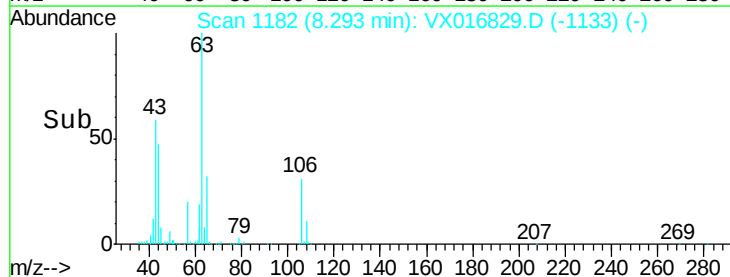
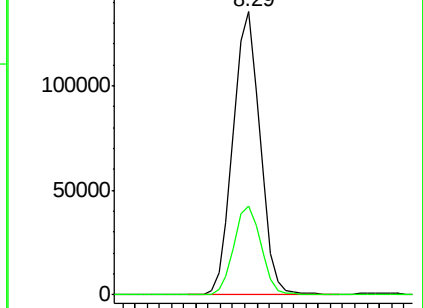
63 100

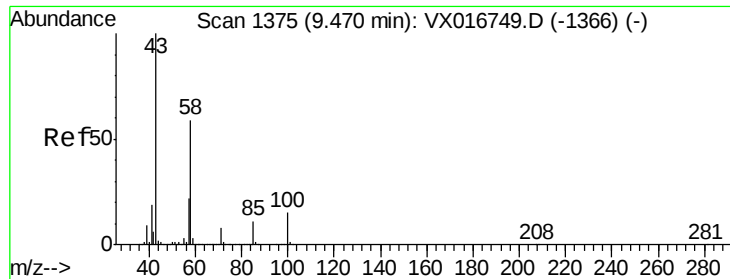
106 31.7 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





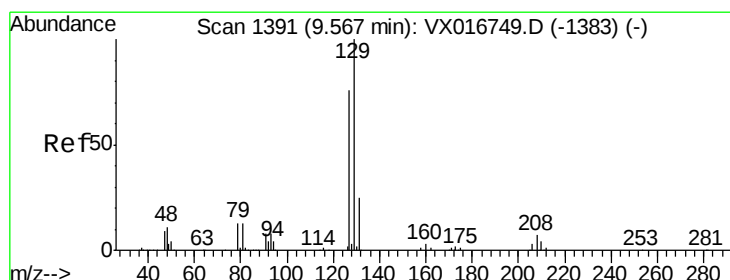
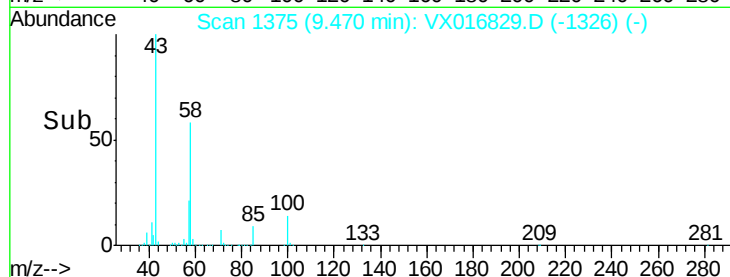
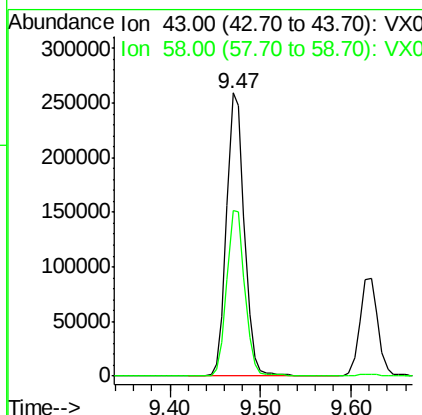
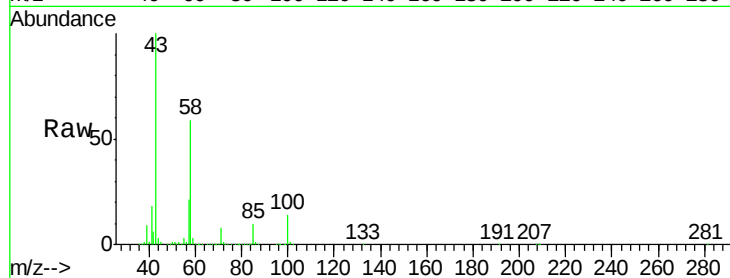
#59
2-Hexanone
Concen: 114.680 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion: 43 Resp: 354213
Ion Ratio Lower Upper
43 100
58 59.7 29.9 89.8

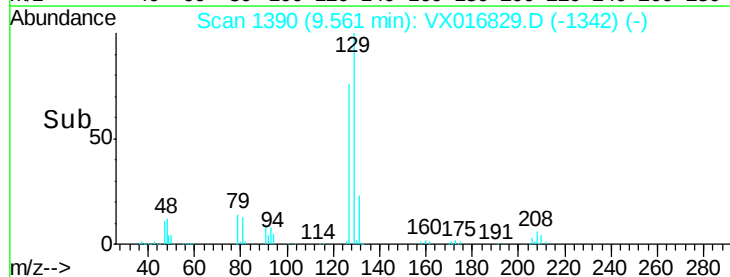
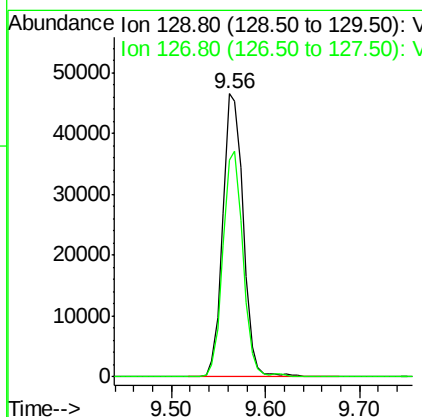
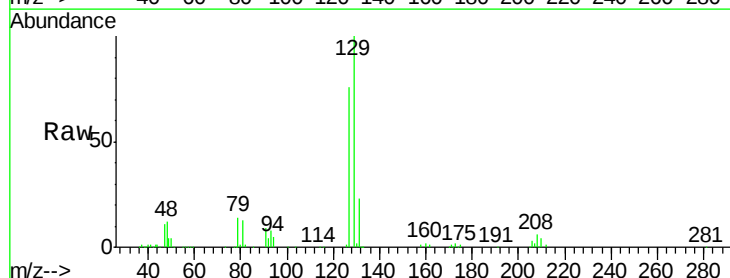
Manual Integrations
APPROVED

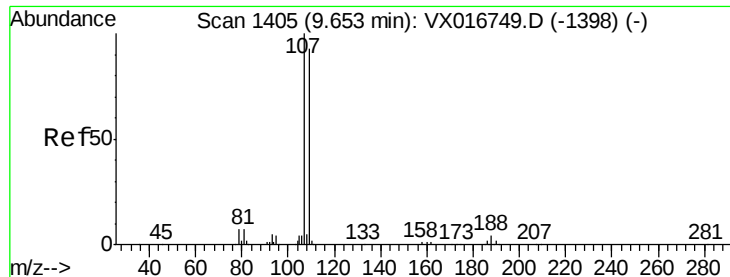
MMDadoda
6/18/2020 11:16:42 AM



#60
Dibromochloromethane
Concen: 19.740 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 129 Resp: 70197
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





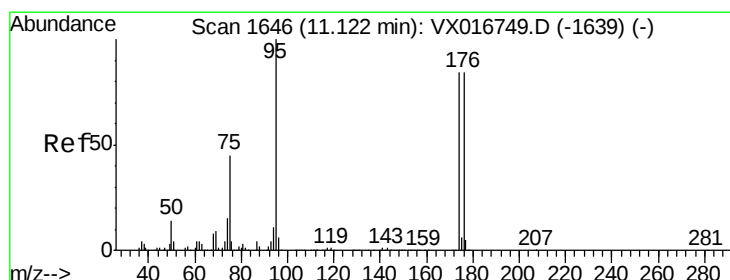
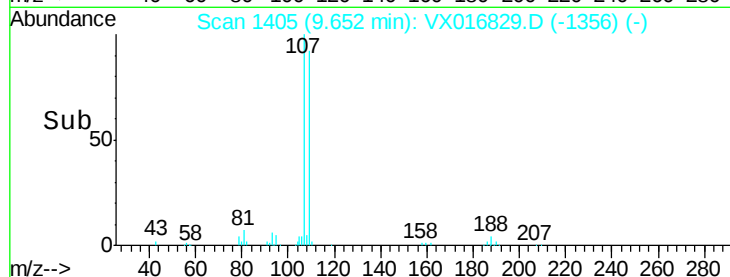
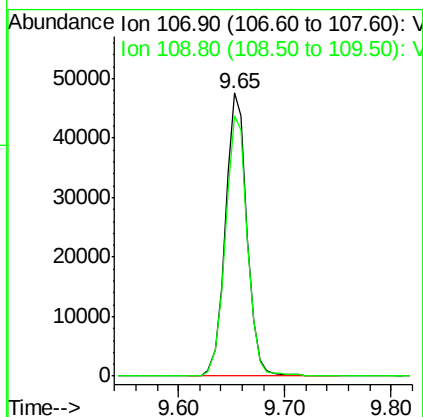
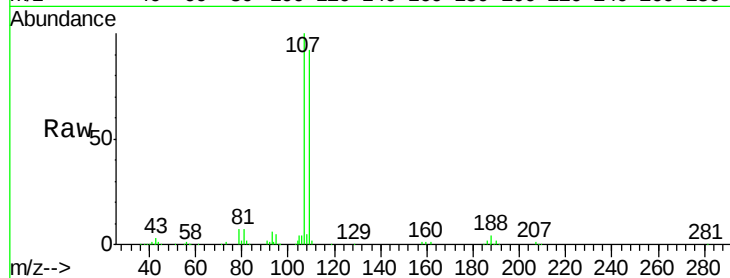
#61
 1,2-Dibromoethane
 Concen: 20.544 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.2	111.4

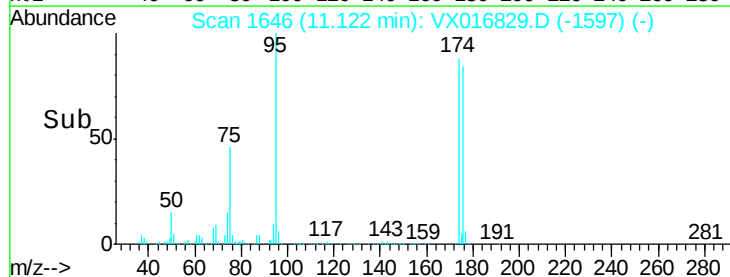
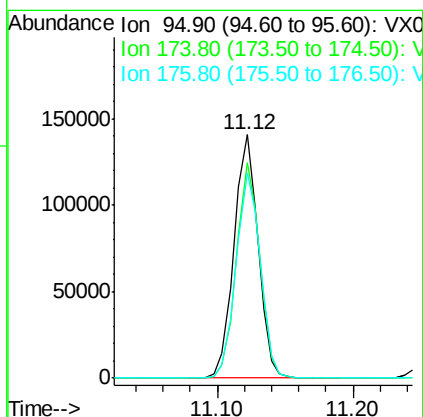
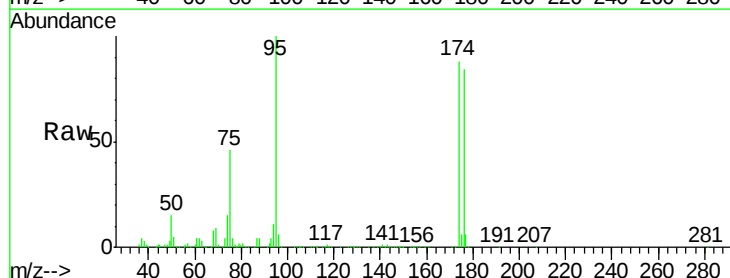
Manual Integrations
 APPROVED

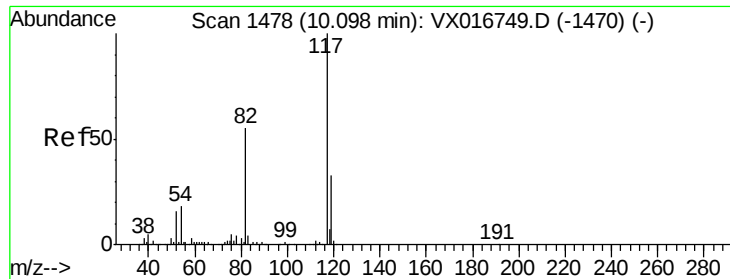
MMDadoda
 6/18/2020 11:16:42 AM



#62
 4-Bromofluorobenzene
 Concen: 46.388 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	171.0
176	85.2	0.0	166.2





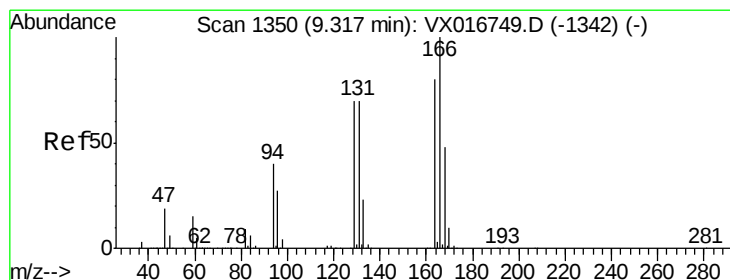
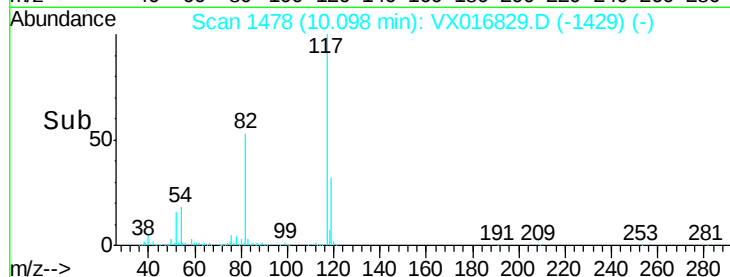
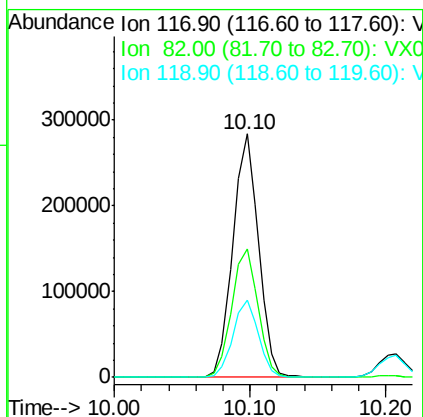
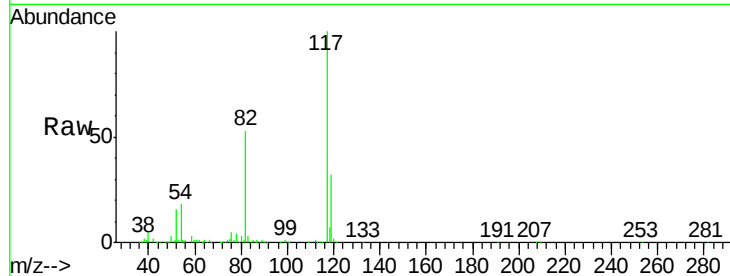
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Resp	Lower	Upper
117	100	373114		
82	53.0		43.8	65.6
119	31.7		26.2	39.4

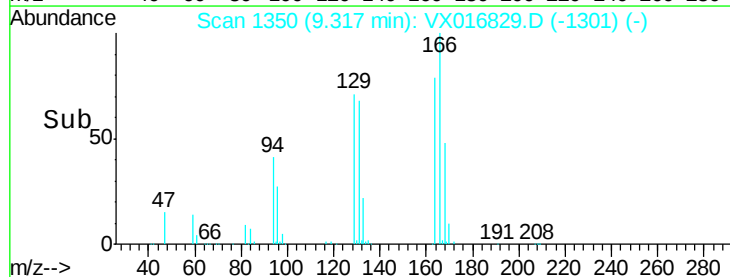
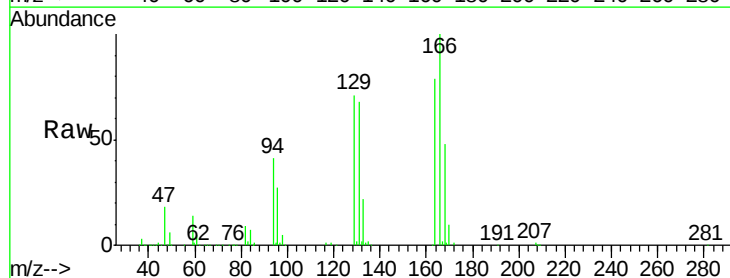
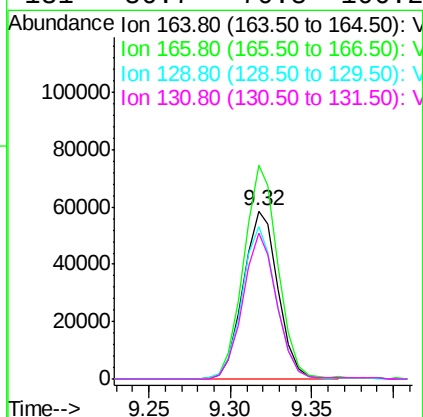
Manual Integrations
APPROVED

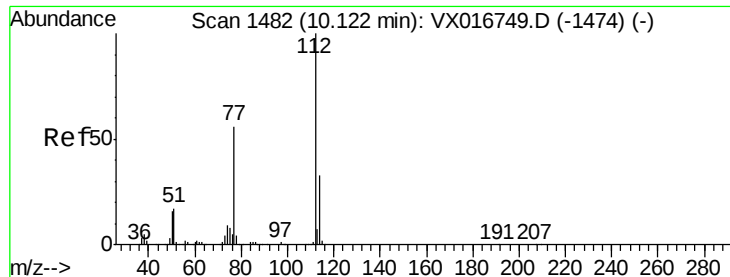
MMDadoda
6/18/2020 11:16:42 AM



#64
Tetrachloroethene
Concen: 24.190 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86671		
166	127.0		100.6	150.8
129	90.3		70.1	105.1
131	86.7		70.8	106.2





#65

Chlorobenzene

Concen: 19.696 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion:112 Resp: 149117

Ion Ratio Lower Upper

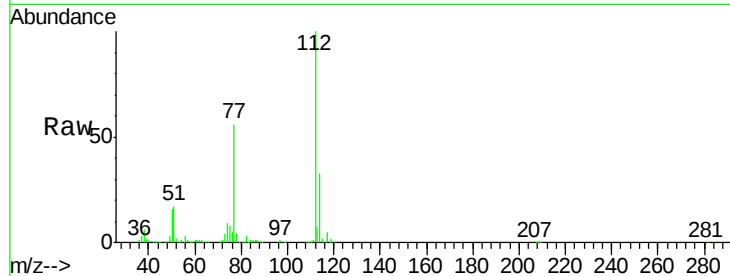
112 100

114 32.8 26.2 39.4

Manual Integrations
APPROVED

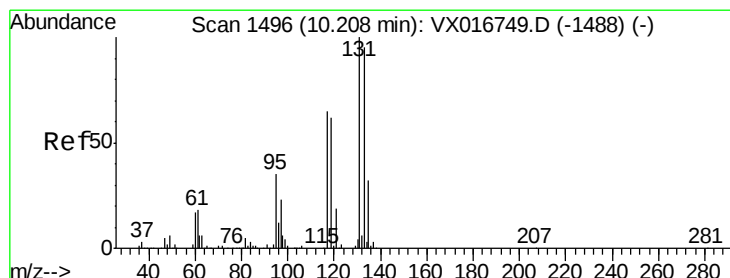
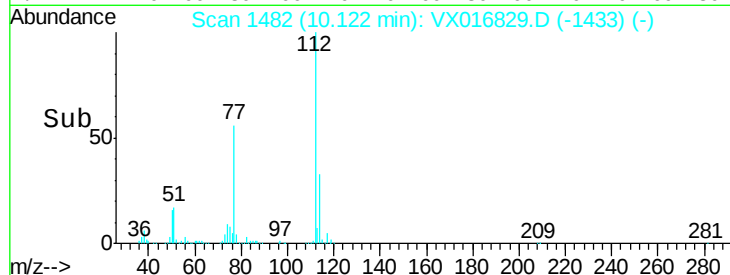
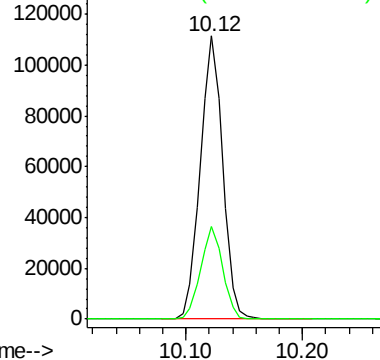
MMDadoda

6/18/2020 11:16:42 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.566 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

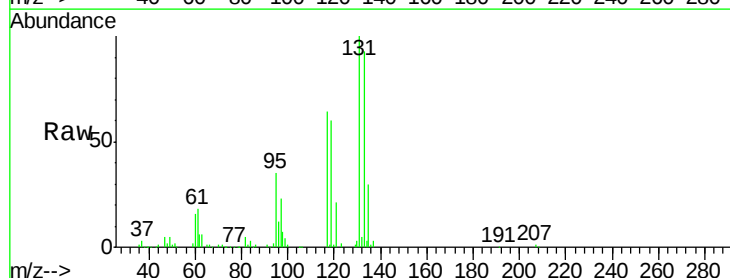
Tgt Ion:131 Resp: 59095

Ion Ratio Lower Upper

131 100

133 94.7 46.8 140.3

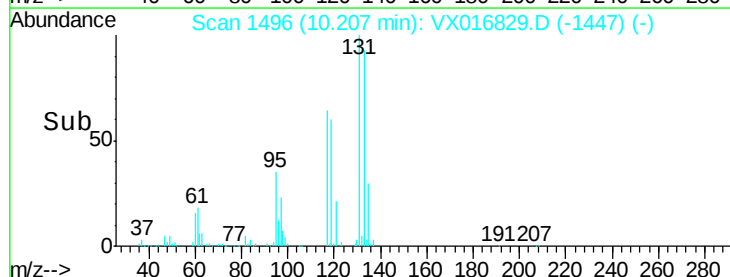
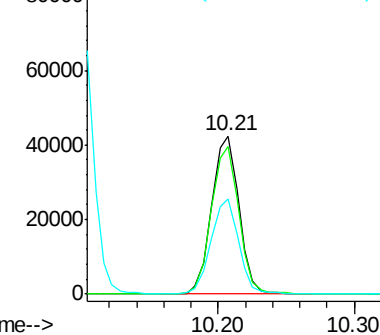
119 60.9 31.4 94.0

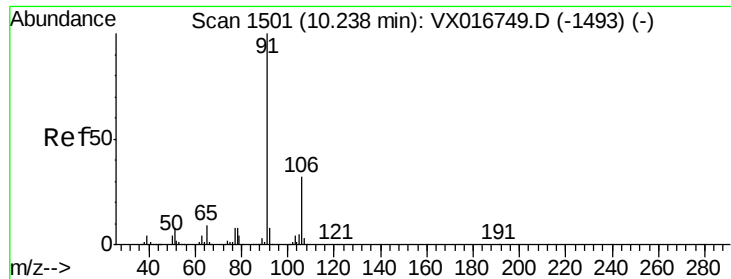


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





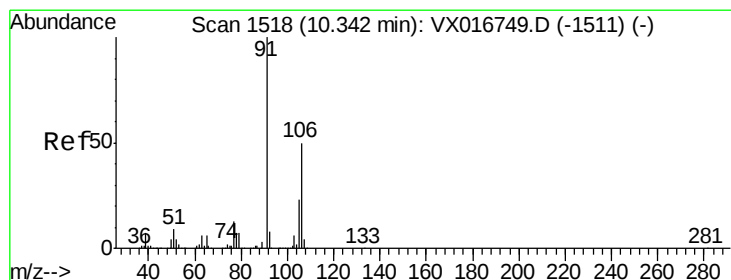
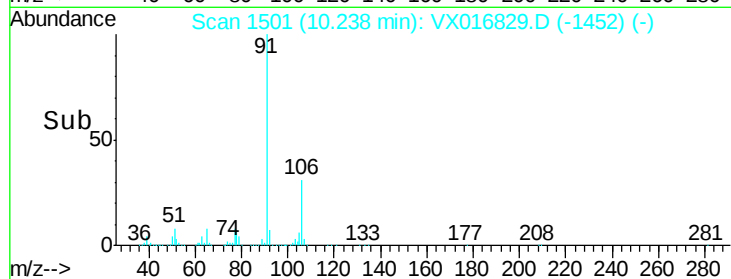
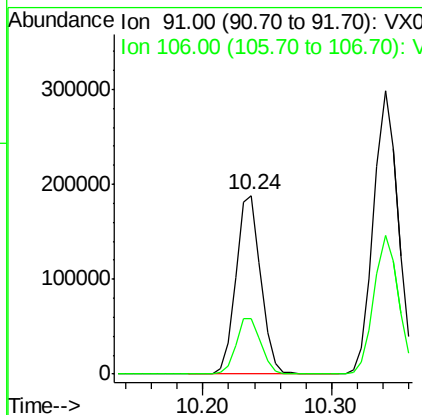
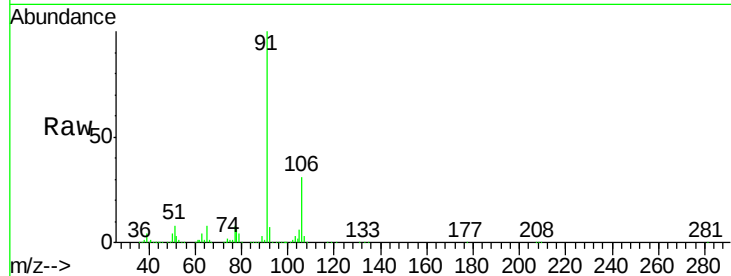
#67
Ethyl Benzene
Concen: 19.742 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampled :
VX0617WBS05

Tot Ion: 91 Resp: 252673
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

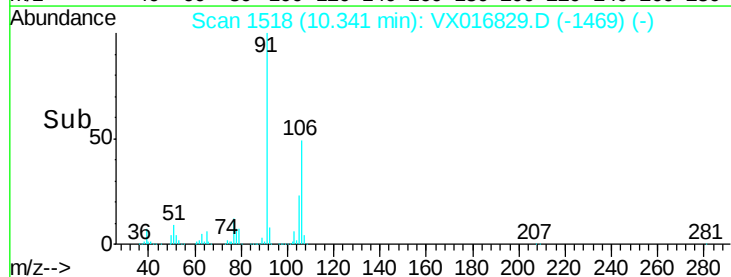
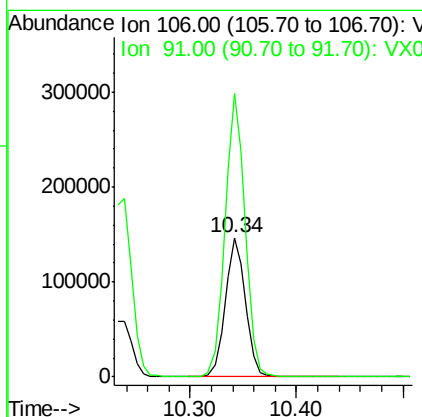
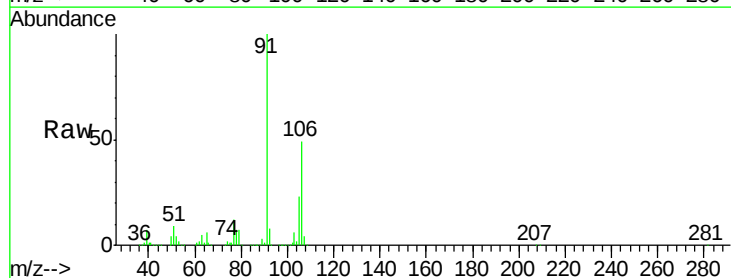
Manual Integrations
APPROVED

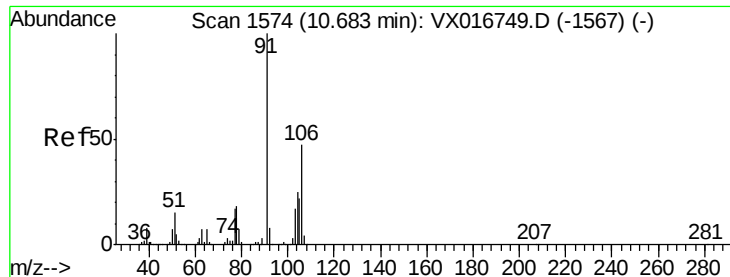
MMDadoda
6/18/2020 11:16:42 AM



#68
m/p-Xylenes
Concen: 39.868 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 106 Resp: 193469
Ion Ratio Lower Upper
106 100
91 201.9 161.2 241.8





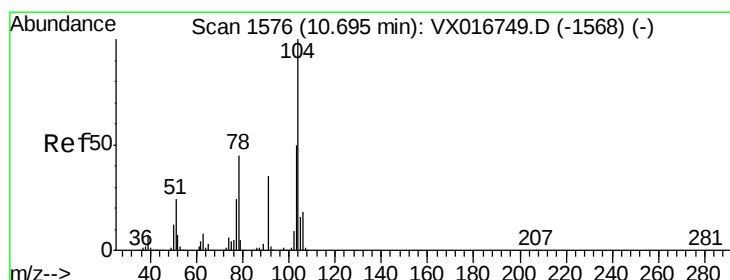
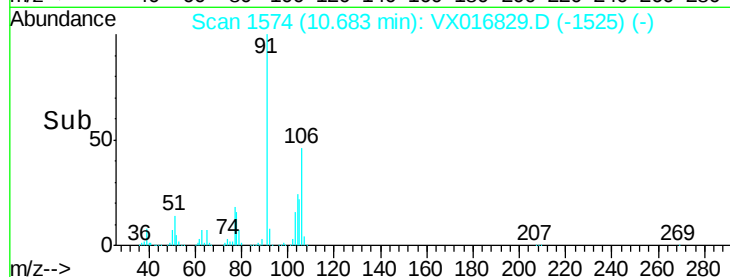
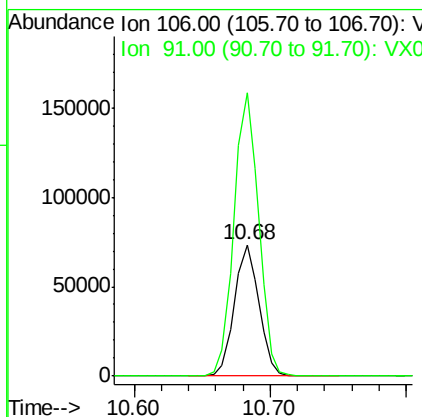
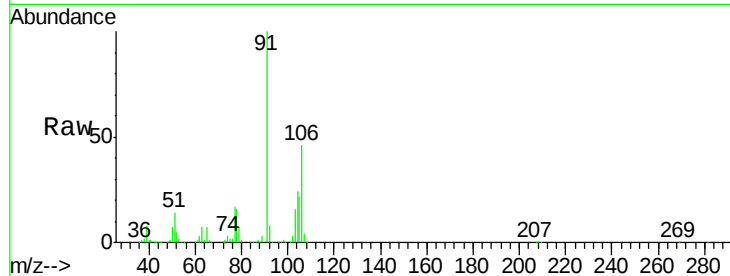
#69
o-Xylene
Concen: 19.710 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion:106 Resp: 92144
Ion Ratio Lower Upper
106 100
91 217.1 106.9 320.8

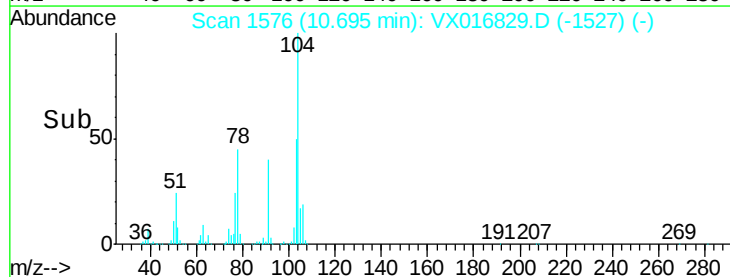
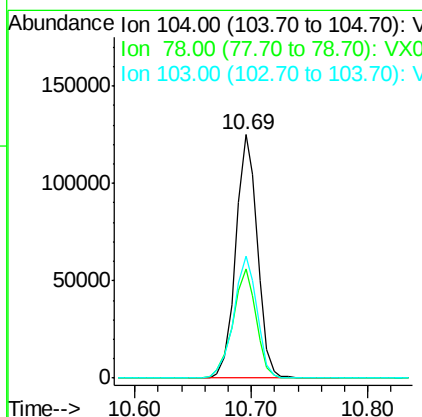
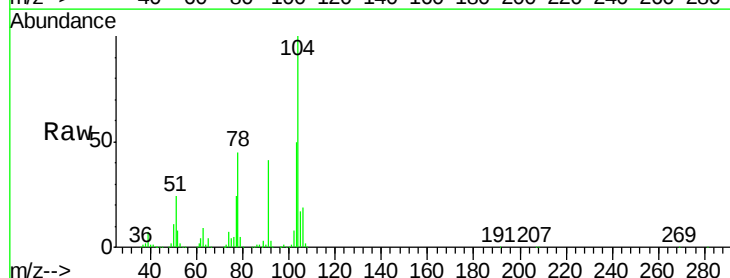
Manual Integrations
APPROVED

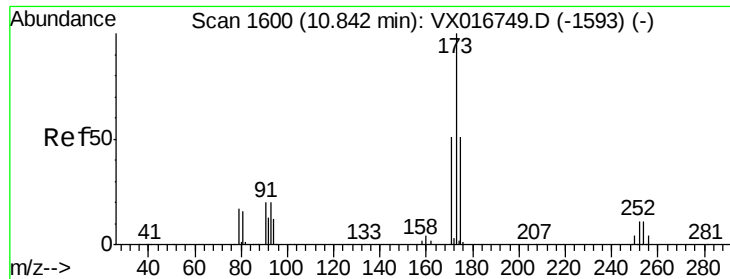
MMDadoda
6/18/2020 11:16:42 AM



#70
Styrene
Concen: 20.053 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion:104 Resp: 162065
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.8
103 54.0 43.4 65.2





#71

Bromoform

Concen: 19.711 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

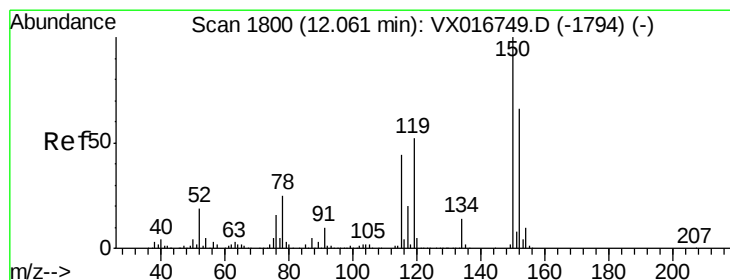
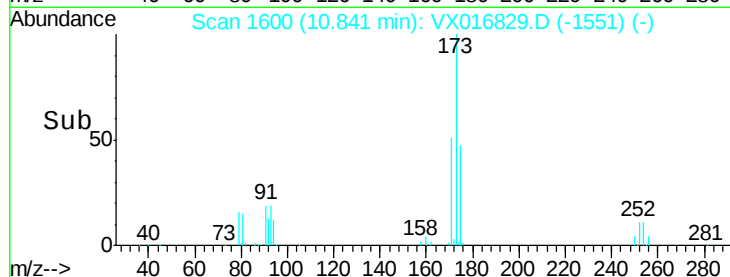
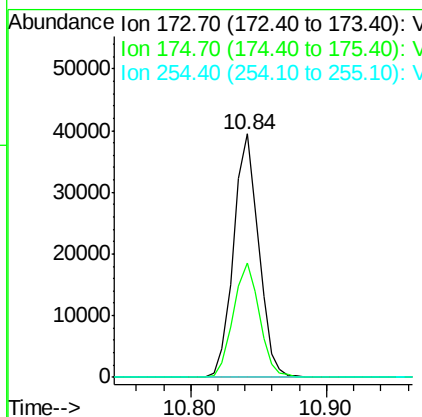
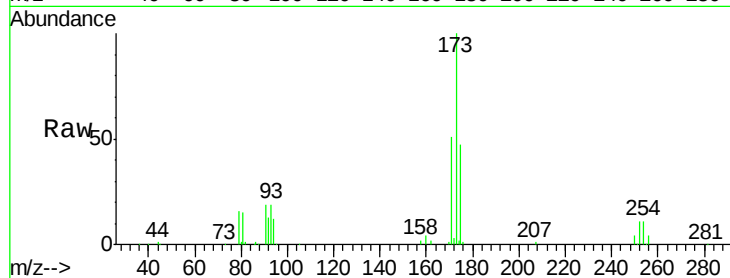
ClientSampleId :

VX0617WBS05

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	25.1	75.4
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:16:42 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

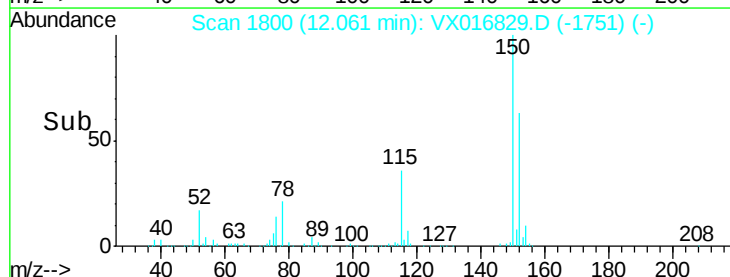
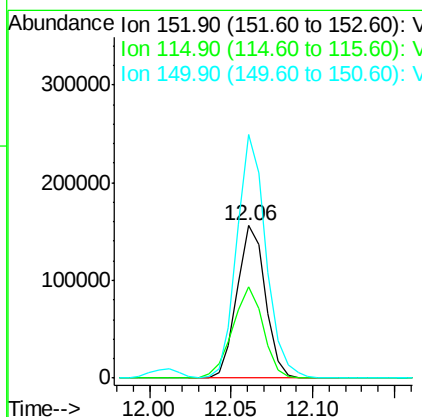
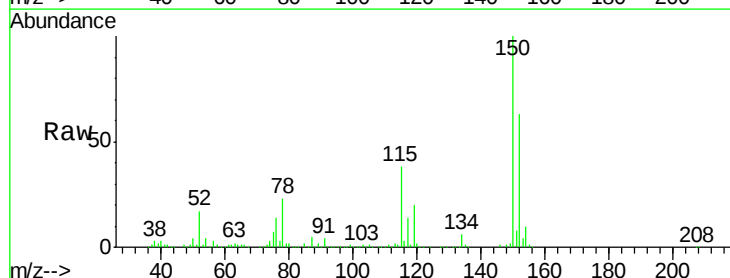
RT: 12.06 min Scan# 1800

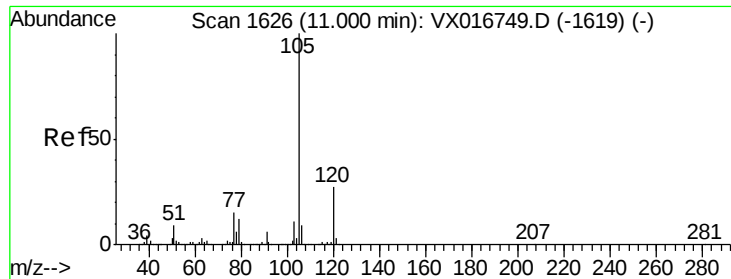
Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	40.3	120.8
150	164.0	0.0	337.4





#73

Isopropylbenzene

Concen: 20.049 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 105 Resp: 248629

Ion Ratio Lower Upper

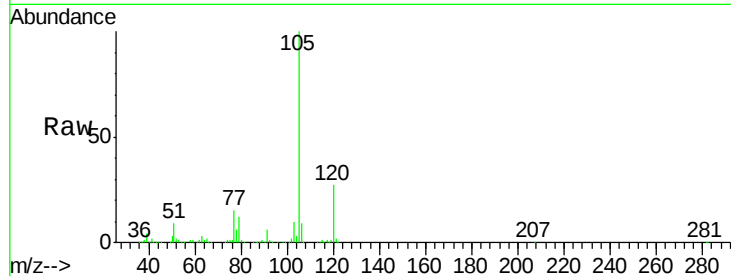
105 100

120 26.6 13.2 39.5

Manual Integrations
APPROVED

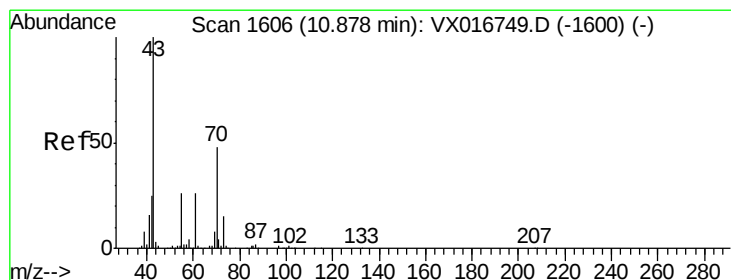
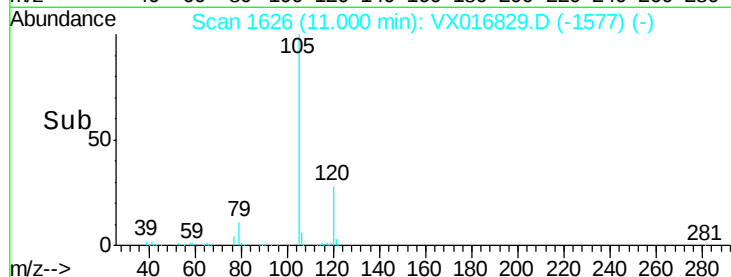
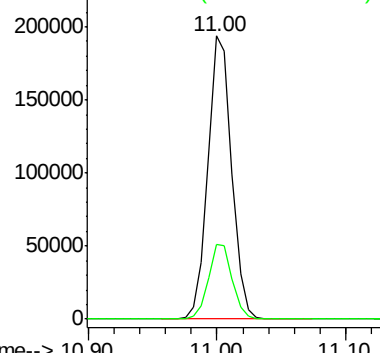
MMDadoda

6/18/2020 11:16:42 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.867 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion: 43 Resp: 95759

Ion Ratio Lower Upper

43 100

70 48.7 39.8 59.6

55 26.6 21.7 32.5

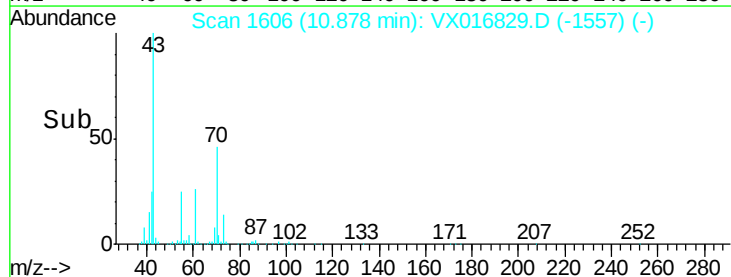
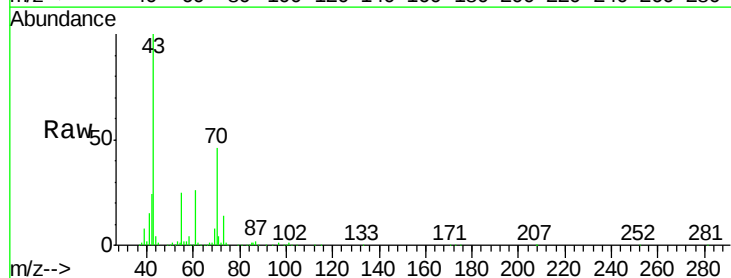
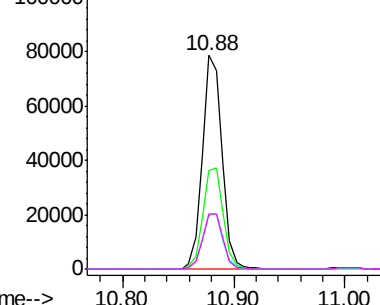
61 27.1 21.6 32.4

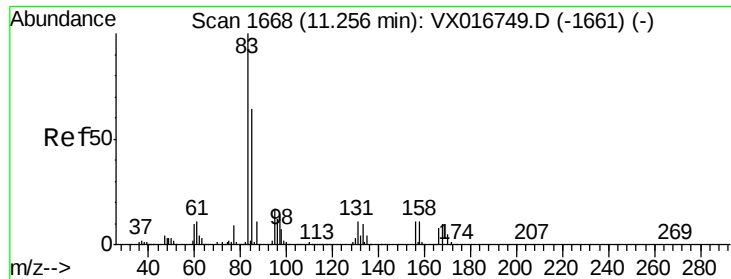
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.186 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 83 Resp: 66342

Ion Ratio Lower Upper

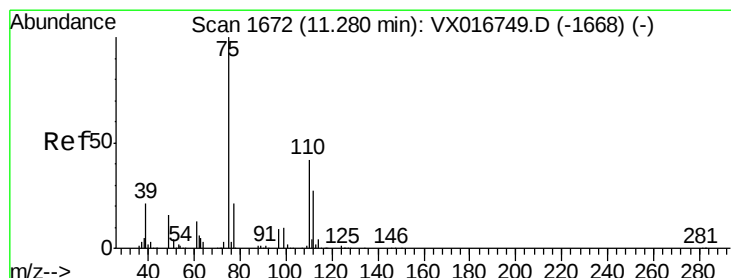
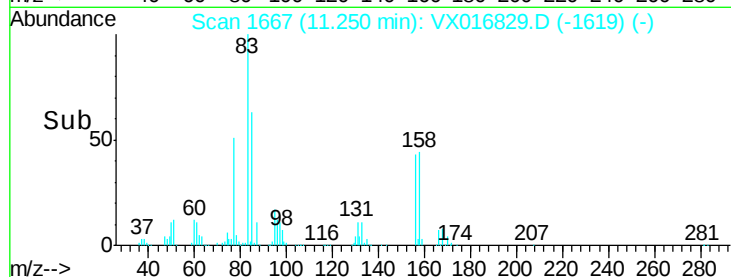
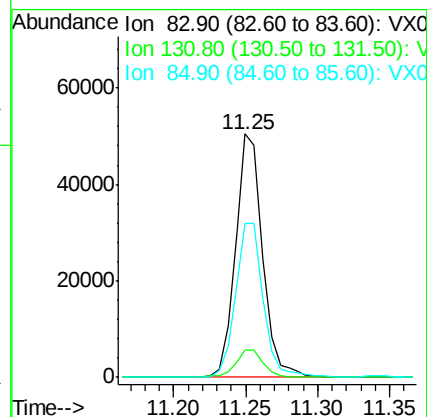
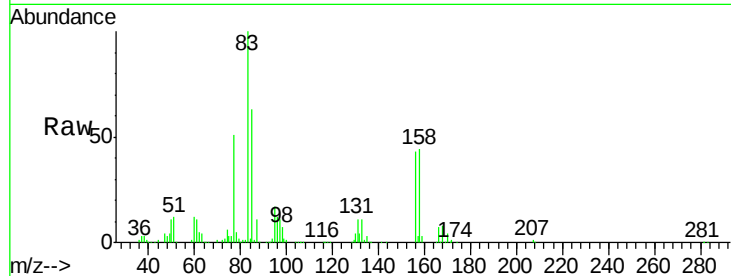
83 100

131 11.4 5.7 17.0

85 65.3 32.4 97.2

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#76

1,2,3-Trichloropropane

Concen: 19.364 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016829.D

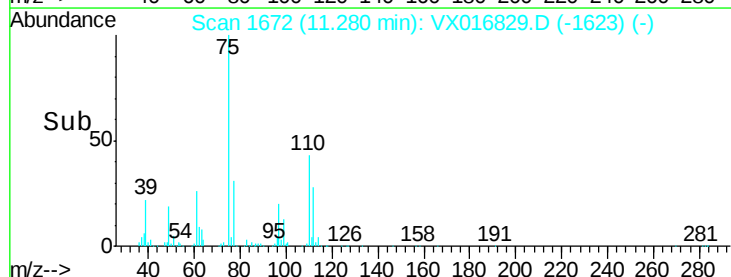
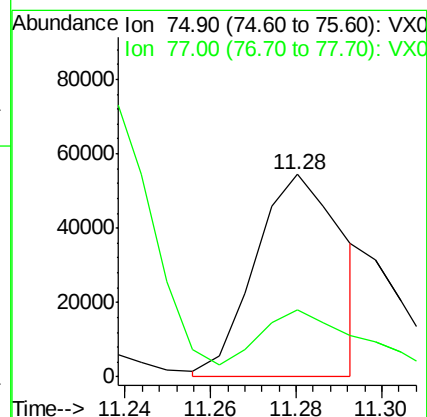
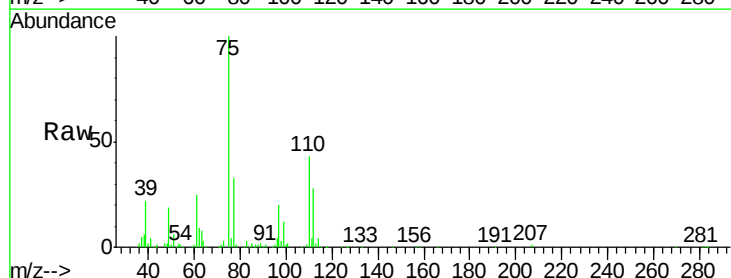
Acq: 17 Jun 2020 19:59

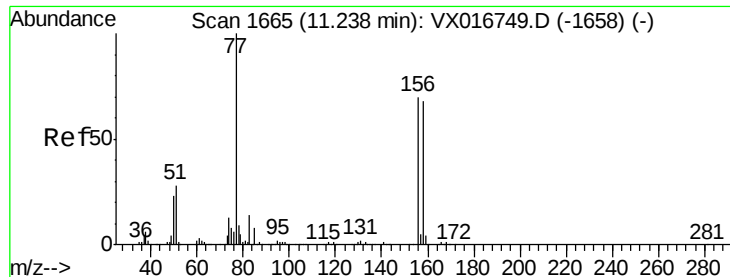
Tgt Ion: 75 Resp: 76963

Ion Ratio Lower Upper

75 100

77 40.6 20.3 60.9





#77

Bromobenzene

Concen: 19.371 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion:156 Resp: 67828

Ion Ratio Lower Upper

156 100

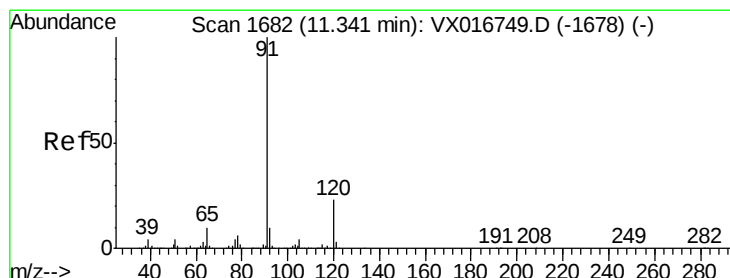
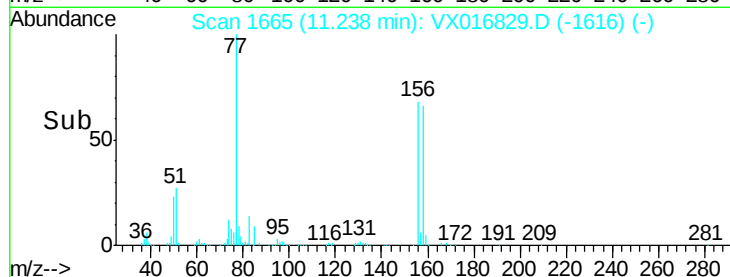
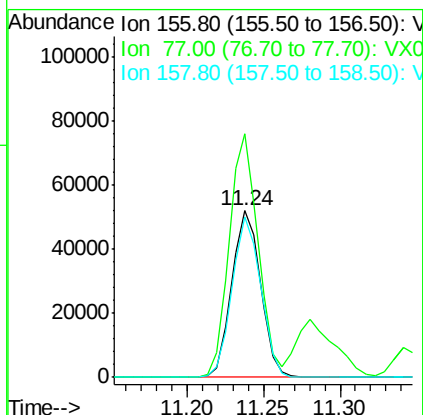
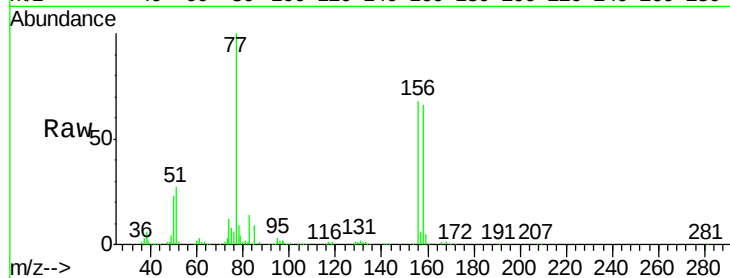
77 146.2 73.2 219.6

158 96.3 48.8 146.4

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#78

n-propylbenzene

Concen: 20.273 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016829.D

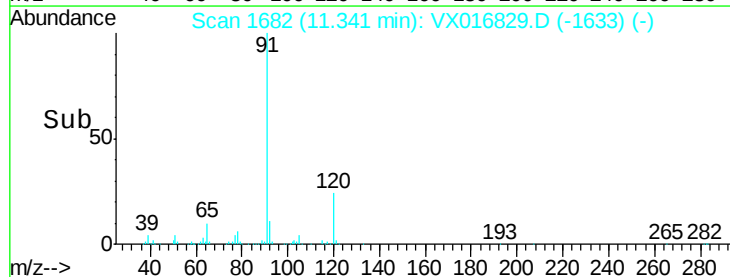
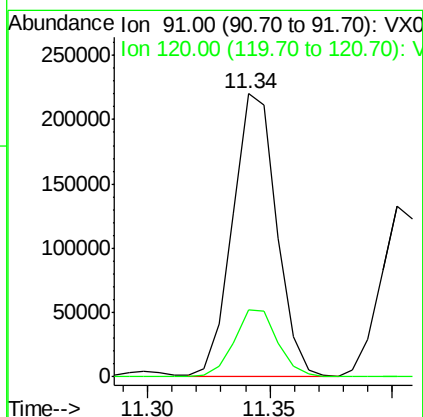
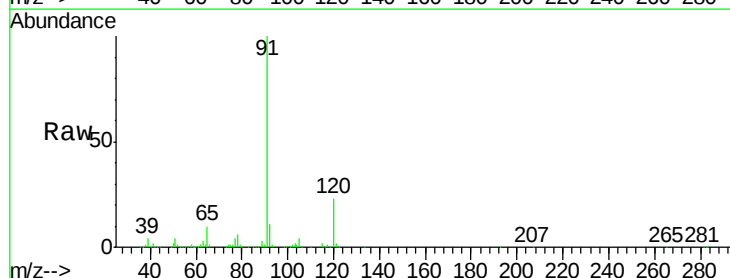
Acq: 17 Jun 2020 19:59

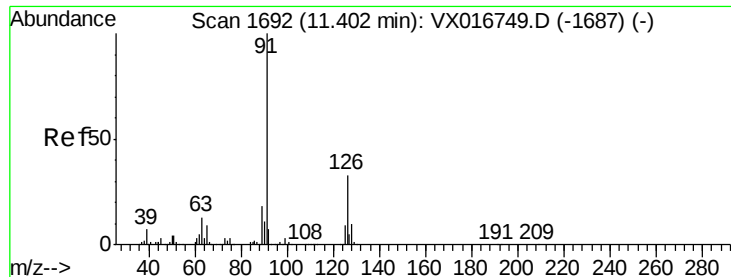
Tgt Ion: 91 Resp: 273032

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.0





#79

2-Chlorotoluene

Concen: 19.603 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 91 Resp: 166941

Ion Ratio Lower Upper

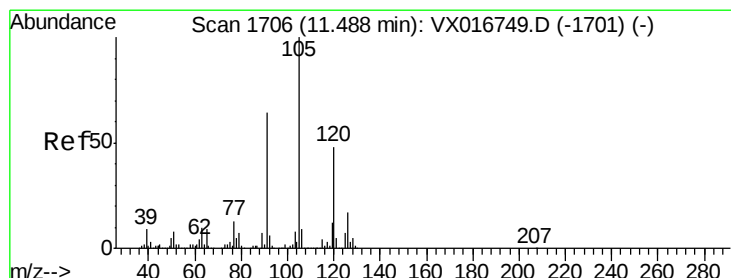
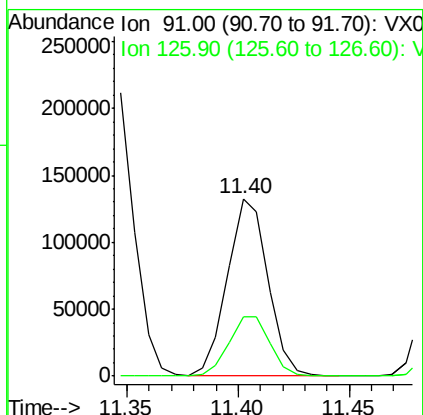
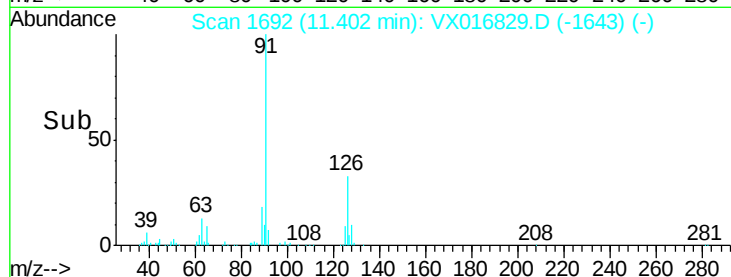
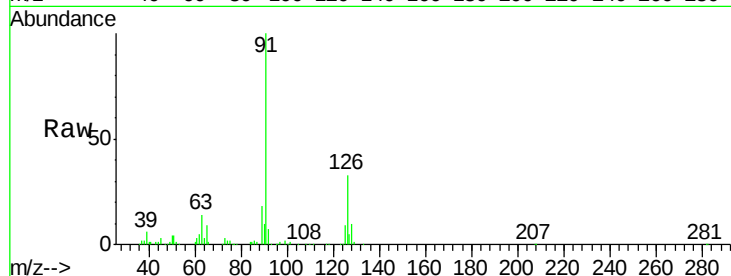
91 100

126 34.5 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.188 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016829.D

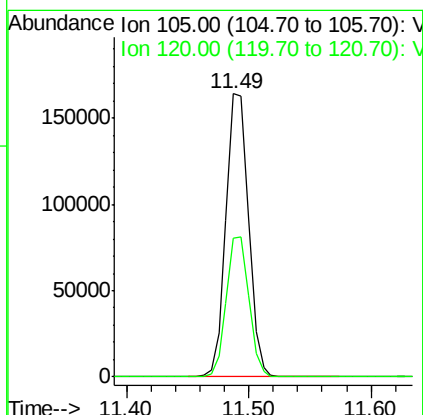
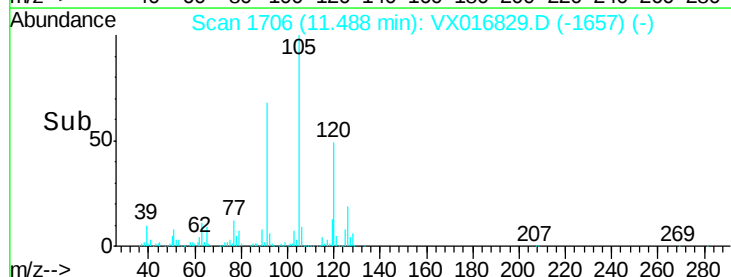
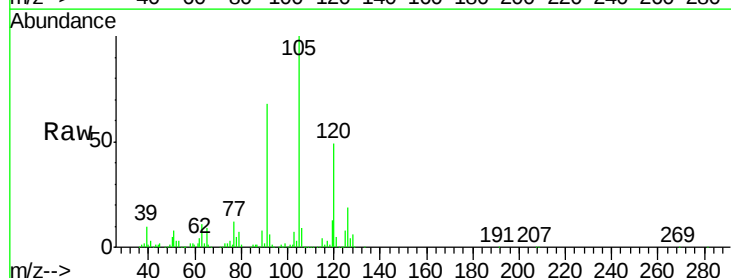
Acq: 17 Jun 2020 19:59

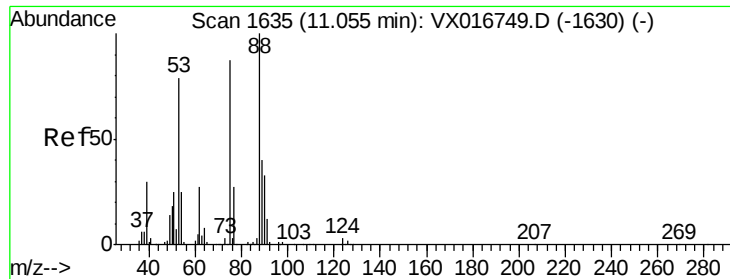
Tgt Ion: 105 Resp: 209865

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.315 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

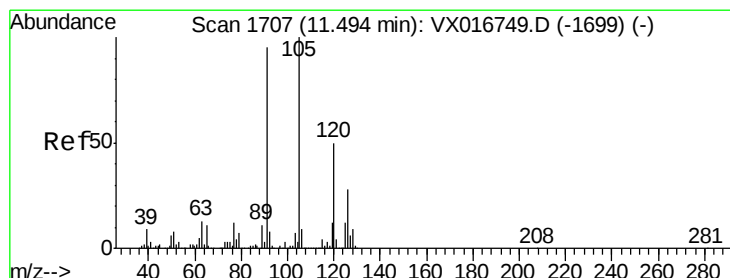
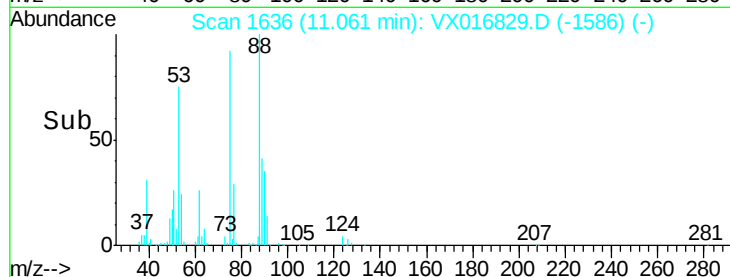
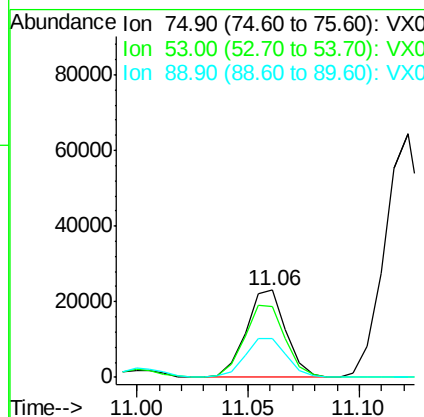
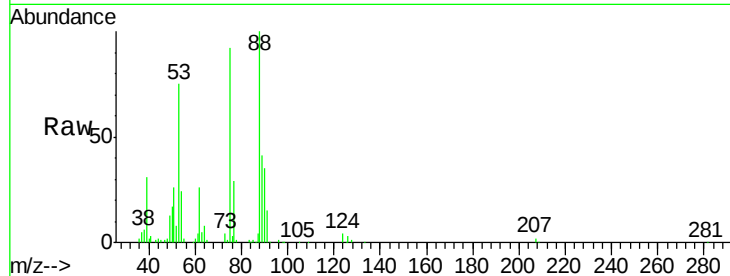
ClientSampleId :

VX0617WBS05

Tot Ion:	75	Resp:	28915
Ion	Ratio	Lower	Upper
75	100		
53	84.3	71.4	107.0
89	47.2	39.1	58.7

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#82

4-Chlorotoluene

Concen: 19.909 ug/l

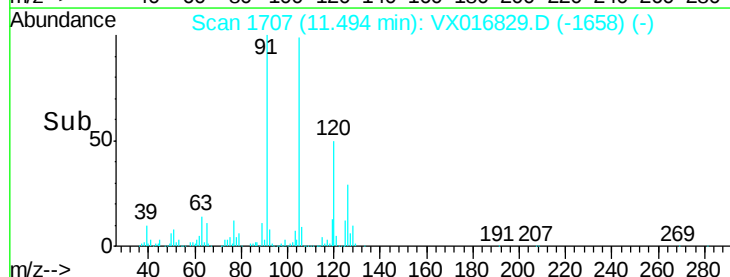
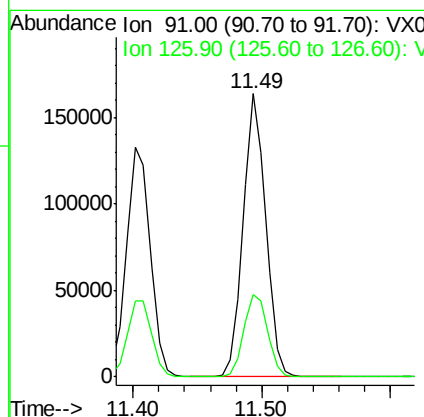
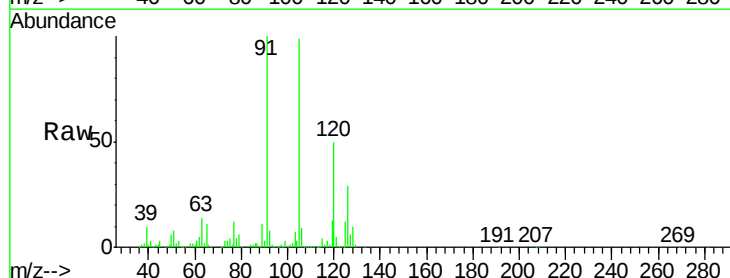
RT: 11.49 min Scan# 1707

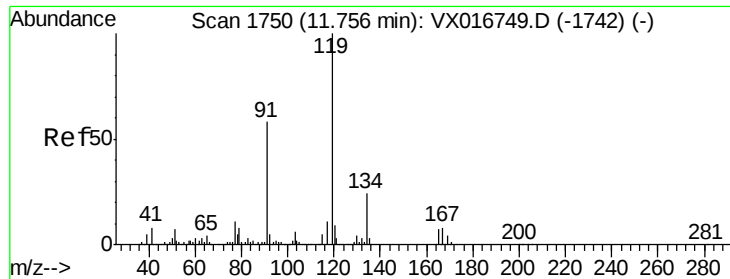
Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion:	91	Resp:	198463
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





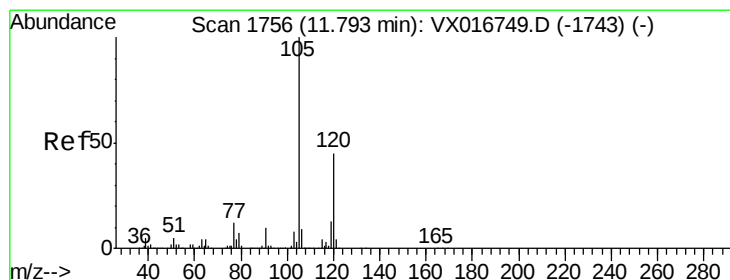
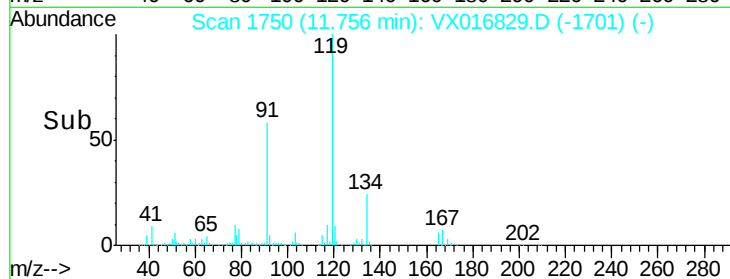
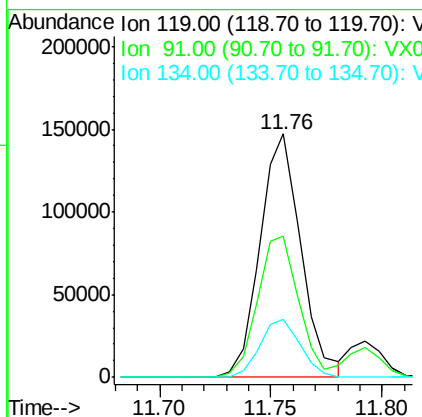
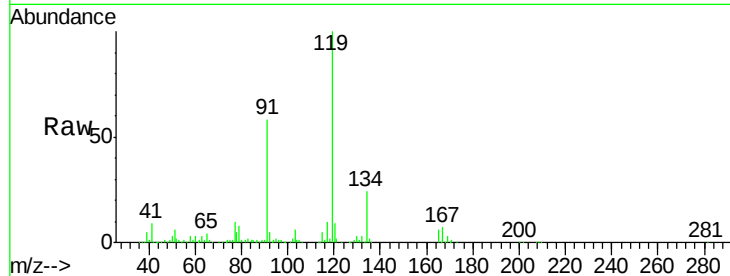
#83
 tert-Butylbenzene
 Concen: 19.772 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Resp	Lower	Upper
119	100	188078		
91	58.1	29.3	88.0	
134	23.4	11.8	35.3	

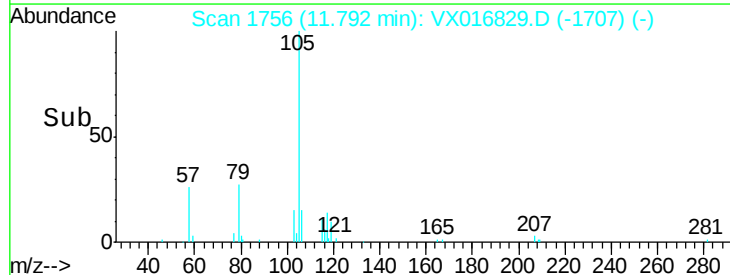
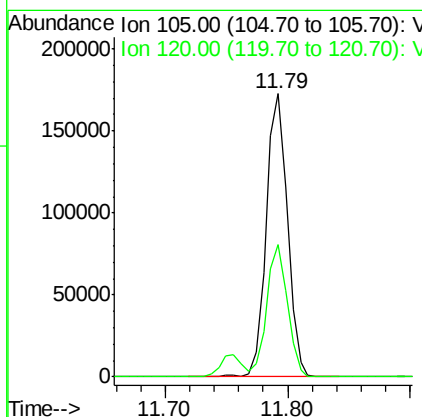
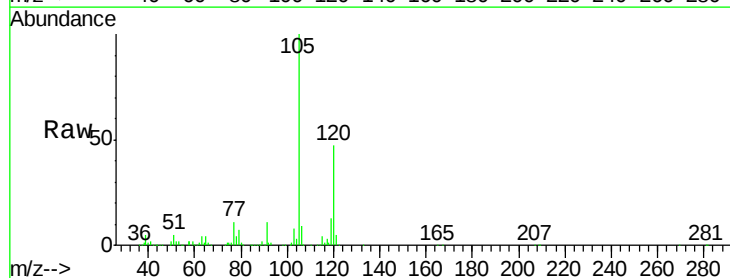
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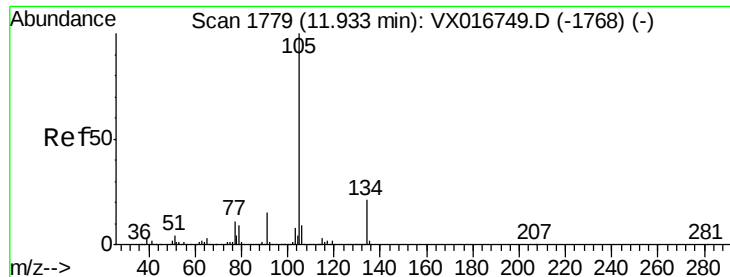
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.891 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209180		
120	45.5	22.6	67.8	





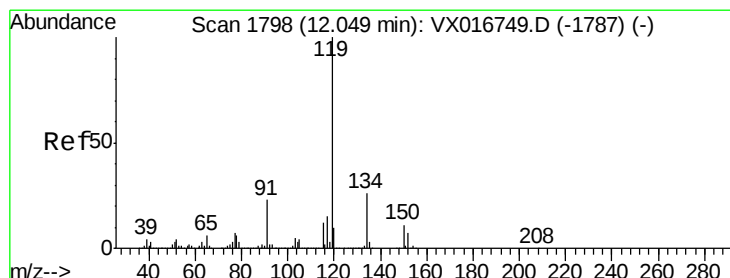
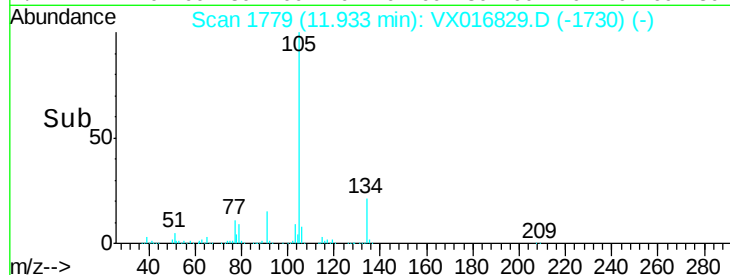
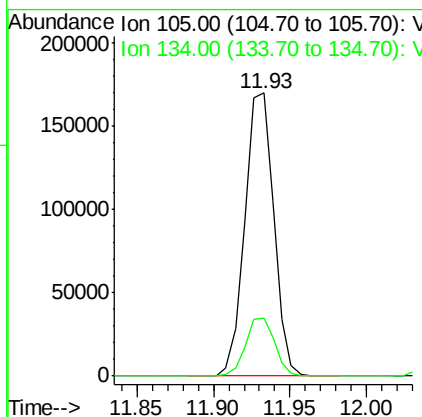
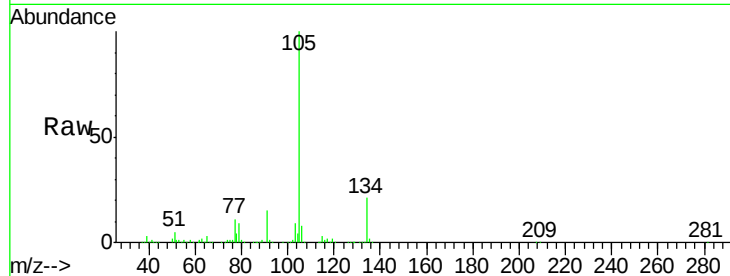
#85
 sec-Butylbenzene
 Concen: 20.043 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Resp	Lower	Upper
105	100	223008		
134	20.6	10.3	30.8	

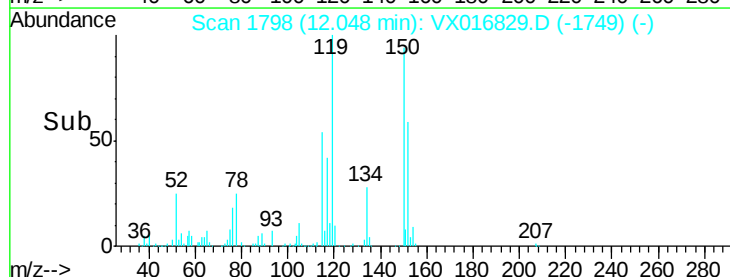
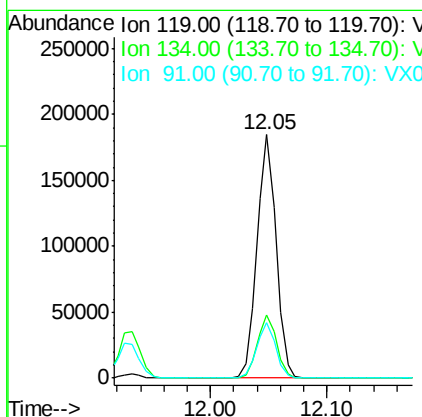
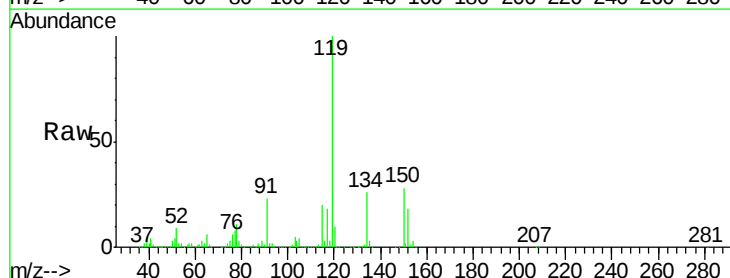
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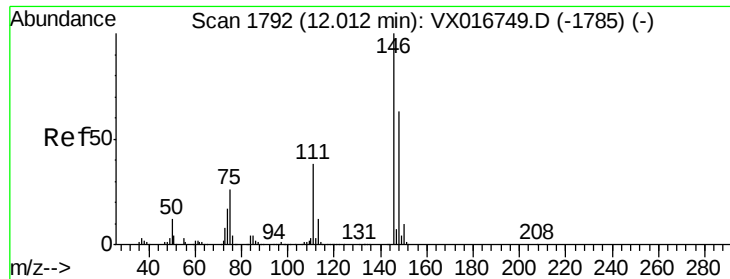
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#86
 p-Isopropyltoluene
 Concen: 19.831 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	211714		
134	26.1	13.0	38.9	
91	22.9	11.6	34.7	





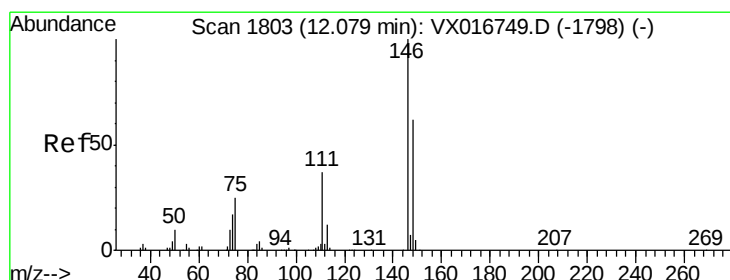
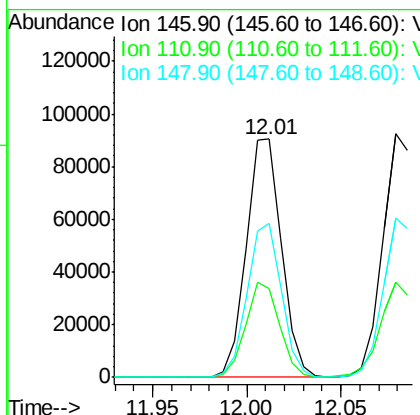
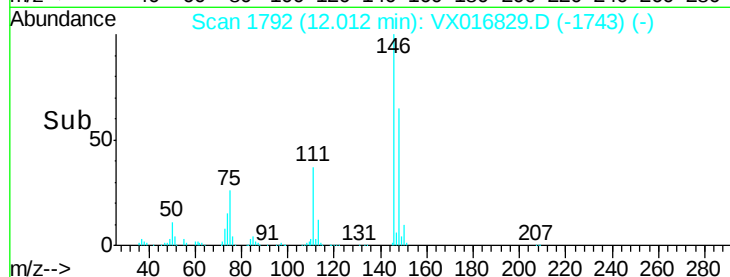
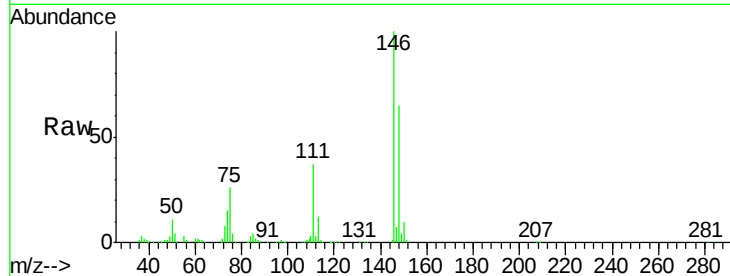
#87
 1,3-Dichlorobenzene
 Concen: 19.814 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.8	59.3
148	63.0	31.9	95.7

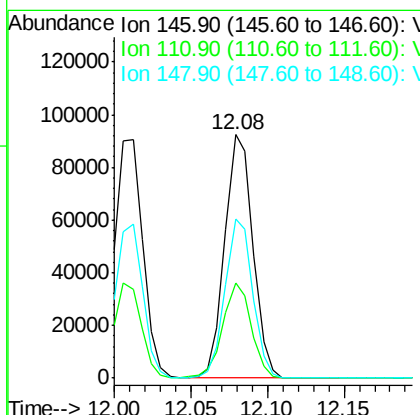
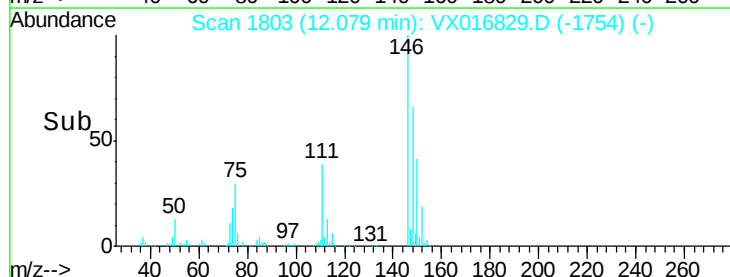
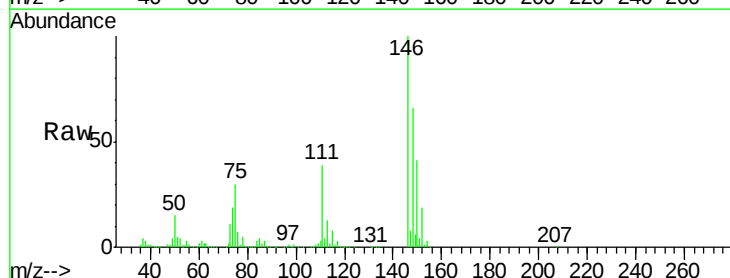
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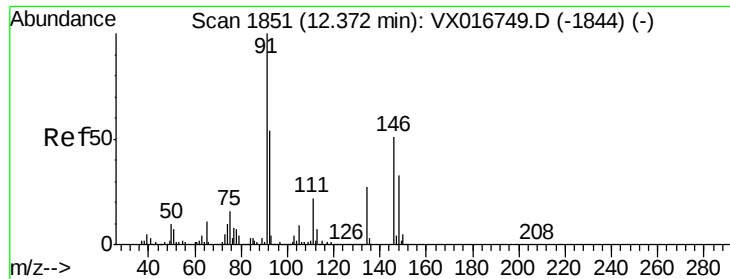
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#88
 1,4-Dichlorobenzene
 Concen: 19.186 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.3	57.8
148	64.6	32.1	96.5





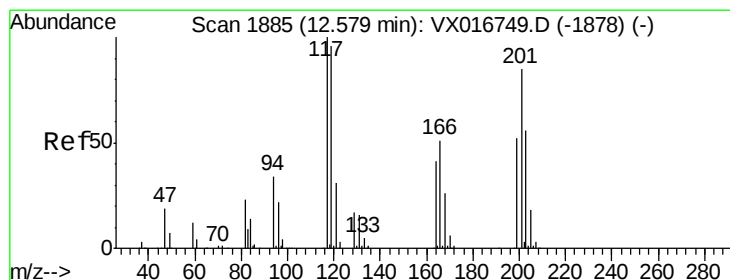
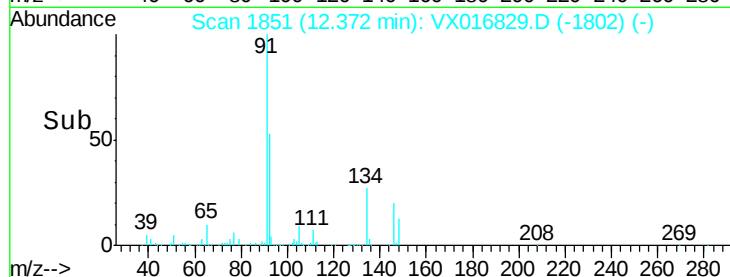
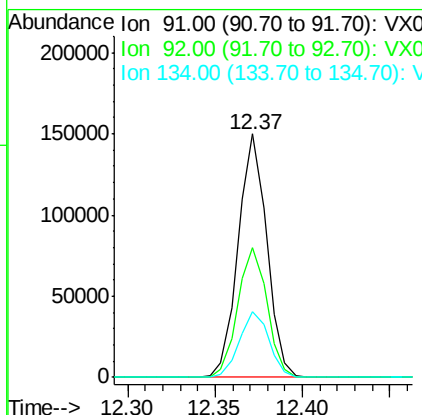
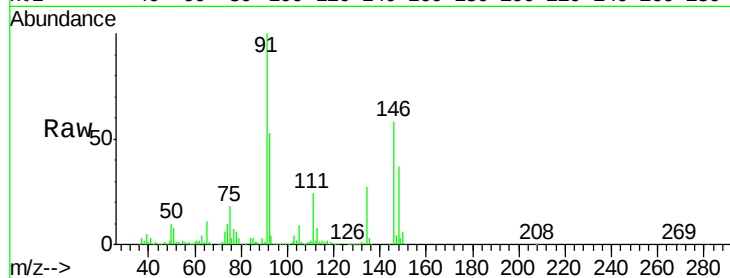
#89
n-Butylbenzene
Concen: 19.402 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.0	80.8
134	27.8	13.7	41.0

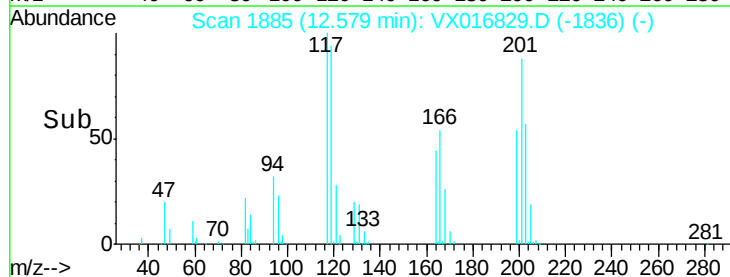
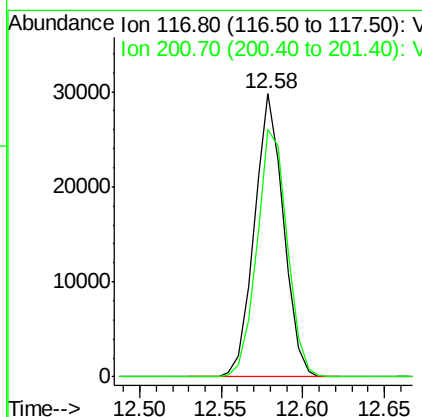
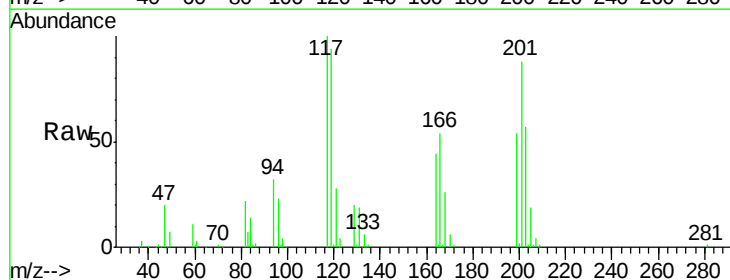
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#90
Hexachloroethane
Concen: 18.753 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	45.6	136.9





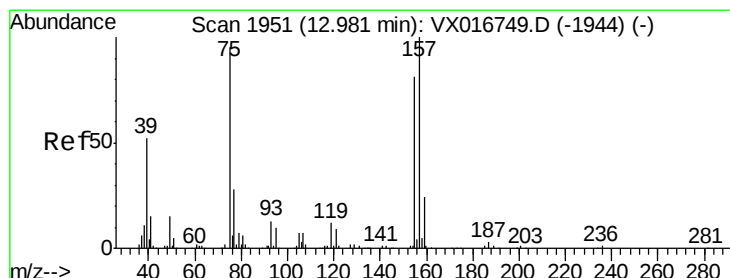
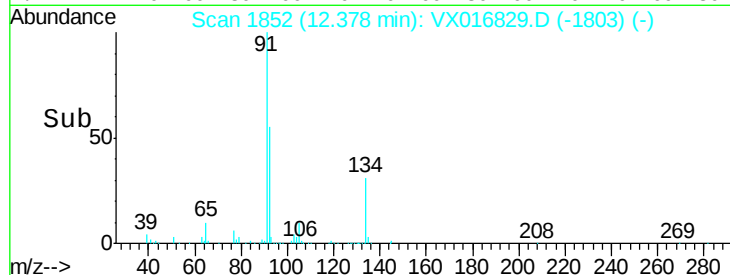
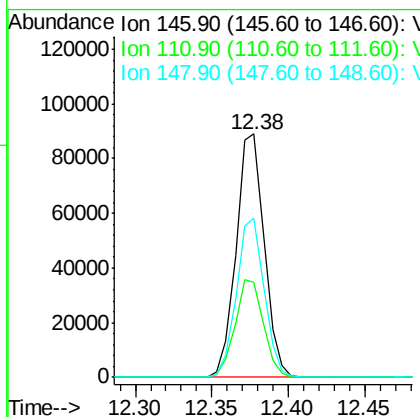
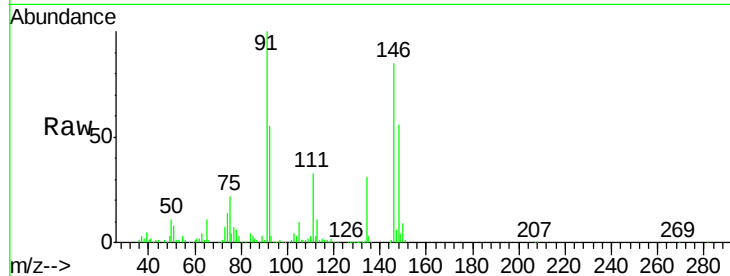
#91
 1,2-Dichlorobenzene
 Concen: 19.110 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113130		
111	40.7	20.8	62.2	
148	64.7	32.1	96.5	

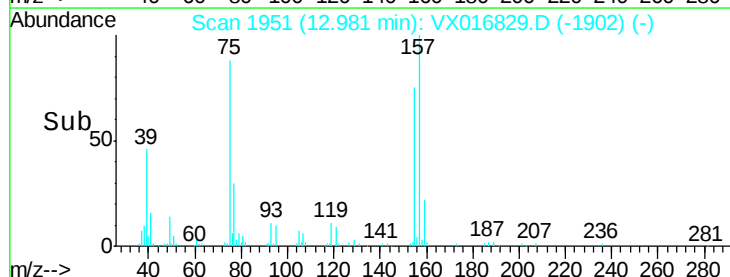
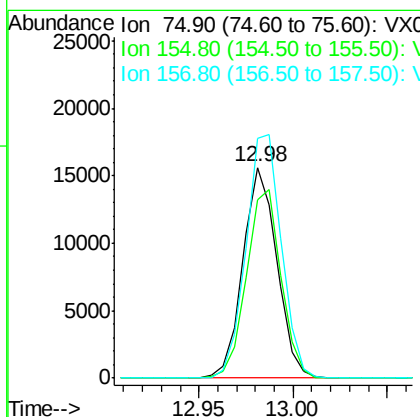
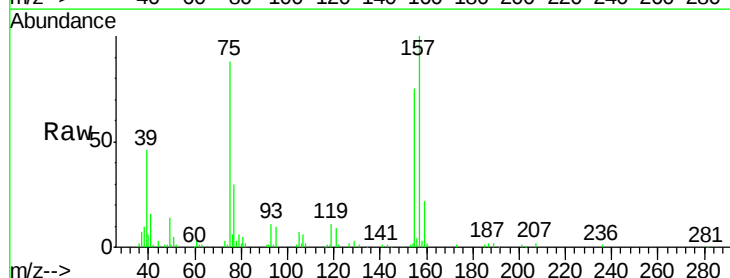
Manual Integrations
 APPROVED

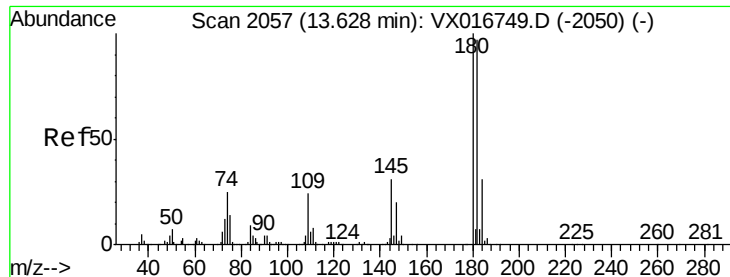
MMDadoda
 6/18/2020 11:16:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.119 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19504		
155	91.2	46.9	140.7	
157	120.3	59.6	178.7	





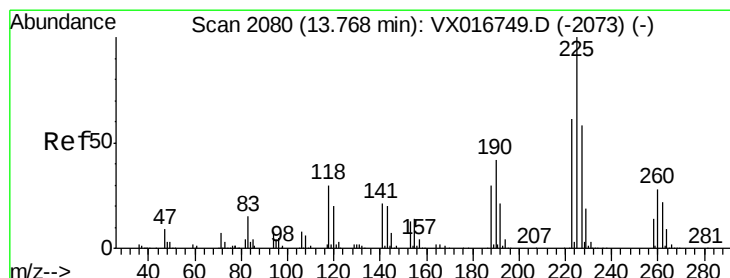
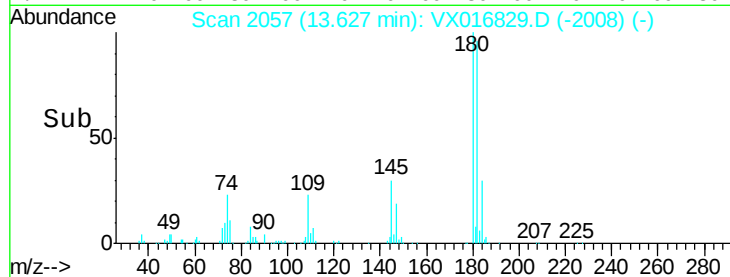
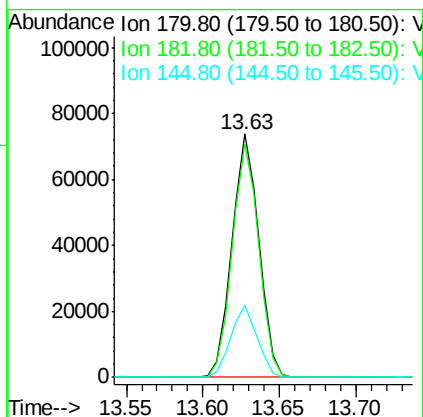
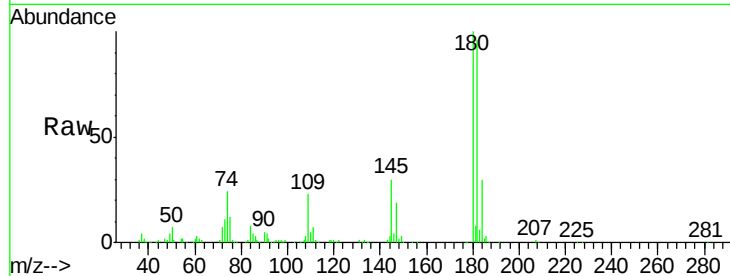
#93
1,2,4-Trichlorobenzene
Concen: 21.686 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Resp	Lower	Upper
180	100	89904		
182	94.4	48.6	145.8	
145	29.0	15.4	46.4	

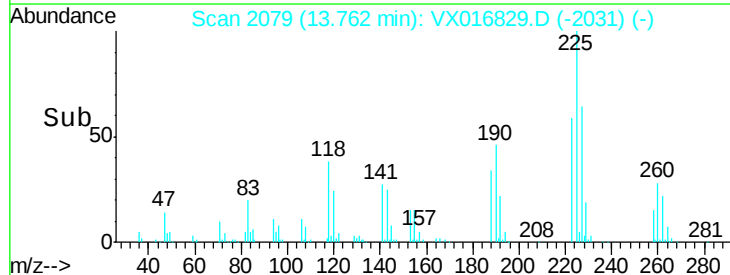
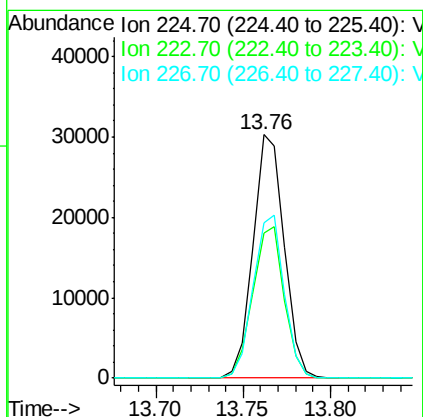
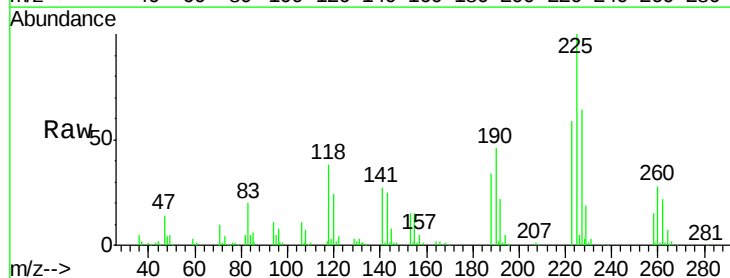
Manual Integrations
APPROVED

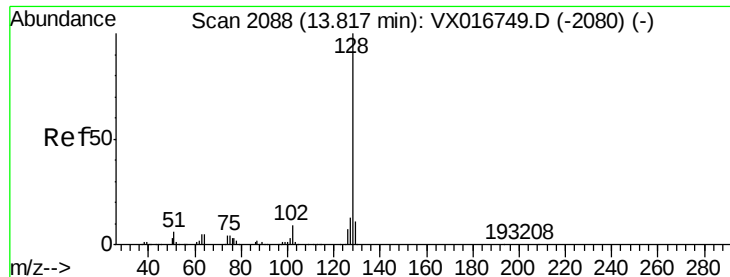
MMDadoda
6/18/2020 11:16:42 AM



#94
Hexachlorobutadiene
Concen: 20.725 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37363		
223	63.2	31.1	93.5	
227	66.4	30.9	92.7	





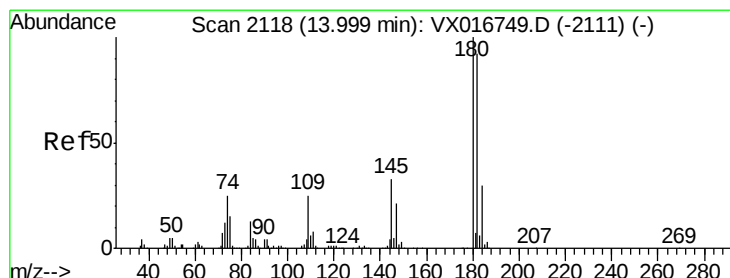
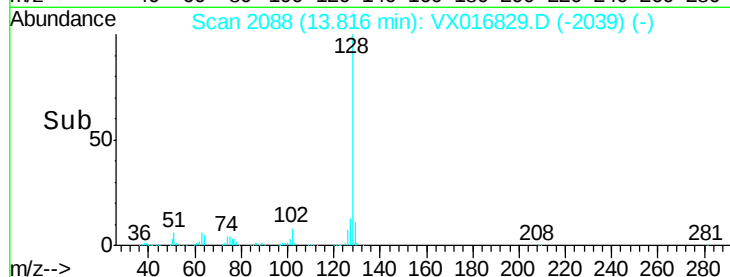
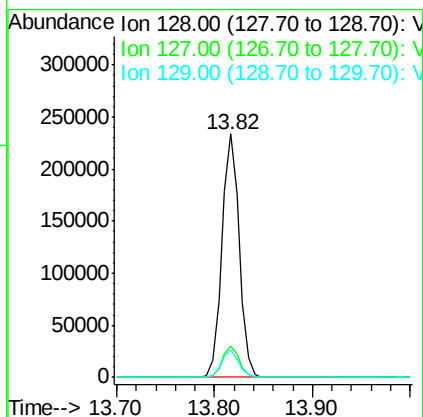
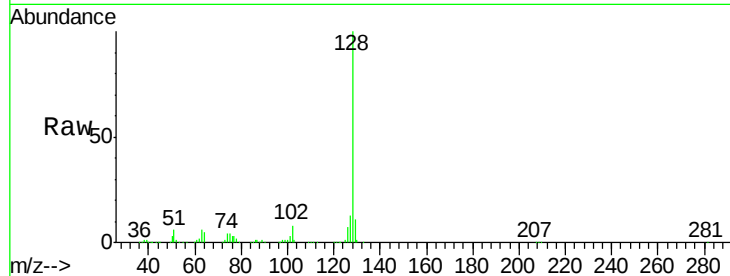
#95
Naphthalene
Concen: 21.917 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:16:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.160 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.4
145	32.8	15.9	47.7

