

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016637.D
 Acq On : 08 Jun 2020 14:43
 Operator : JC/SP
 Sample : L2926-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:25 AM

Quant Time: Jun 09 05:59:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	214865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	326175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	306647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	129420	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.46	113	105371	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.70	98	400122	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	154128	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	95151	44.999	ug/l	98
3) Chloromethane	1.31	50	107469	42.058	ug/l	100
4) Vinyl Chloride	1.39	62	119847	44.350	ug/l	99
5) Bromomethane	1.62	94	65545	49.885	ug/l	100
6) Chloroethane	1.70	64	75428	47.850	ug/l	100
7) Trichlorofluoromethane	1.91	101	185589	52.295	ug/l	99
8) Diethyl Ether	2.17	74	69867	47.213	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98068	50.209	ug/l	98
10) Methyl Iodide	2.49	142	109576	47.143	ug/l	99
11) Tert butyl alcohol	3.01	59	154931	226.426	ug/l	100
12) 1,1-Dichloroethene	2.36	96	101945	49.309	ug/l	96
13) Acrolein	2.27	56	80853	277.779	ug/l	98
14) Allyl chloride	2.70	41	165274	43.468	ug/l	97
15) Acrylonitrile	3.12	53	322024	229.749	ug/l	99
16) Acetone	2.42	43	268536	229.702	ug/l	98
17) Carbon Disulfide	2.55	76	265388	43.226	ug/l	99
18) Methyl Acetate	2.75	43	137094	45.722	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	367461	49.496	ug/l	99
20) Methylene Chloride	2.83	84	113665	46.994	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	109011	47.669	ug/l	93
22) Diisopropyl ether	3.82	45	321989	44.083	ug/l	97
23) Vinyl Acetate	3.78	43	1379515	215.774	ug/l	97
24) 1,1-Dichloroethane	3.67	63	196384	47.636	ug/l	99
25) 2-Butanone	4.64	43	433671	218.923	ug/l	93
26) 2,2-Dichloropropane	4.55	77	174832	51.827	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	127028	48.015	ug/l	97
28) Bromochloromethane	4.98	49	82064	42.836	ug/l	85
29) Tetrahydrofuran	5.09	42	284829	222.562	ug/l	93
30) Chloroform	5.18	83	204894	49.326	ug/l	100
31) Cyclohexane	5.55	56	155829	42.016	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	193096	51.346	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149291	48.341	ug/l	98
37) Ethyl Acetate	4.79	43	155538	41.950	ug/l	97
38) Carbon Tetrachloride	5.76	117	173273	53.390	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	158881	47.365	ug/l	97
40) Benzene	6.11	78	448861	48.807	ug/l	100
41) Methacrylonitrile	5.01	41	88727	43.566	ug/l	96
42) 1,2-Dichloroethane	6.17	62	162592	49.713	ug/l	100
43) Isopropyl Acetate	6.42	43	254369	43.983	ug/l	97
44) Trichloroethene	7.19	130	142809	48.942	ug/l	95
45) 1,2-Dichloropropane	7.49	63	113555	48.501	ug/l	99
46) Dibromomethane	7.64	93	79456	50.526	ug/l	95
47) Bromodichloromethane	7.88	83	167434	51.421	ug/l	99
48) Methyl methacrylate	7.74	41	125702	45.395	ug/l	95
49) 1,4-Dioxane	7.71	88	63623	981.784	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	830057	230.502	ug/l	97
52) Toluene	8.76	92	288828	49.803	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	189638	51.219	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	197147	50.305	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	118457	51.373	ug/l	97
56) Ethyl methacrylate	9.16	69	184869	49.228	ug/l	97
57) 1,3-Dichloropropane	9.35	76	198326	50.110	ug/l	100
59) 2-Hexanone	9.48	43	649047	231.769	ug/l	97
60) Dibromochloromethane	9.57	129	139464	53.746	ug/l	99
61) 1,2-Dibromoethane	9.65	107	128864	52.188	ug/l	100
64) Tetrachloroethene	9.32	164	169512	49.410	ug/l	100
65) Chlorobenzene	10.12	112	316086	50.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	126754	53.114	ug/l	98
67) Ethyl Benzene	10.24	91	553599	49.736	ug/l	100
68) m/p-Xylenes	10.34	106	429026	103.958	ug/l	99
69) o-Xylene	10.68	106	201522	50.422	ug/l	99
70) Stvrene	10.70	104	357868	52.093	ug/l	99
71) Bromoform	10.84	173	113945	56.496	ug/l	99
73) Isopropylbenzene	11.00	105	544218	48.613	ug/l	100
74) N-amyl acetate	10.88	43	213212	41.405	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	143216	51.045	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	170198m	47.924	ug/l	
77) Bromobenzene	11.24	156	145509	49.557	ug/l	95
78) n-propylbenzene	11.34	91	603662	48.265	ug/l	99
79) 2-Chlorotoluene	11.40	91	373323	48.900	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	466094	49.862	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	67674	46.874	ug/l	99
82) 4-Chlorotoluene	11.49	91	439131	48.709	ug/l	98
83) tert-Butylbenzene	11.76	119	410735	51.425	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	474713	50.216	ug/l	100
85) sec-Butylbenzene	11.93	105	493762	49.280	ug/l	99
86) p-Isopropyltoluene	12.05	119	473065	50.403	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	253133	49.761	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	257423	49.479	ug/l	98
89) n-Butylbenzene	12.37	91	383885	49.105	ug/l	99
90) Hexachloroethane	12.58	117	81956	50.553	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	247786	50.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43691	48.077	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	168421	51.455	ug/l	97

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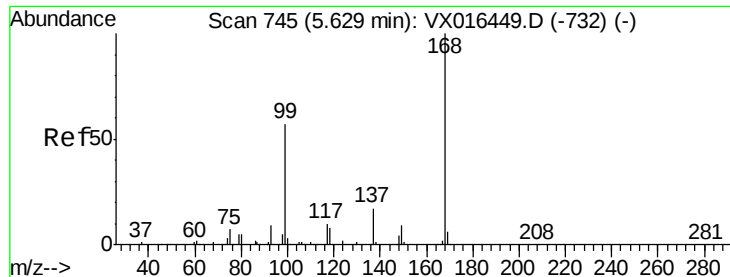
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	69737	54.265	ug/l	99
95) Naphthalene	13.82	128	571735	50.953	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	163642	51.031	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:168 Resp: 214865

Ion Ratio Lower Upper

168 100

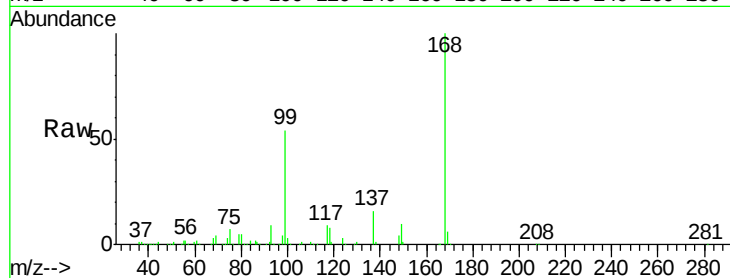
99 54.0 45.2 67.8

Manual Integrations

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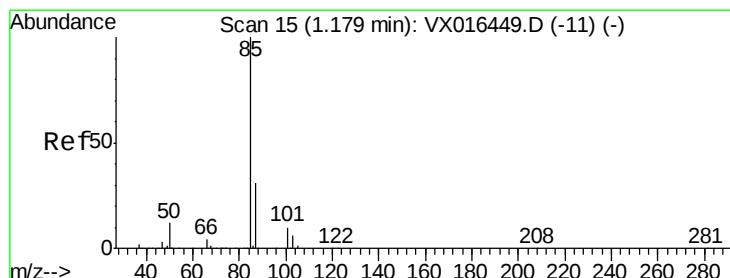
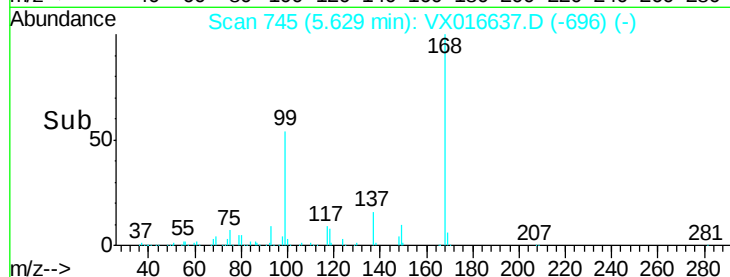
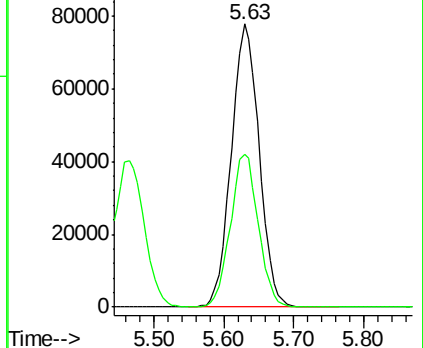
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.999 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX016637.D

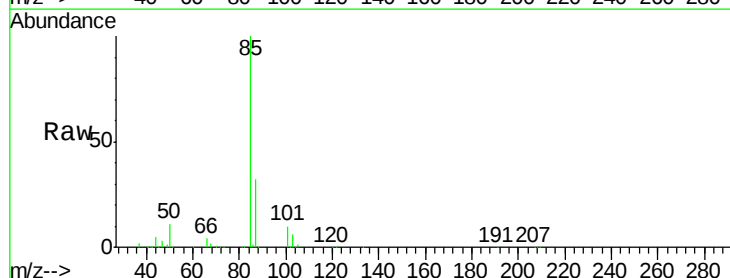
Acq: 08 Jun 2020 14:43

Tgt Ion: 85 Resp: 95151

Ion Ratio Lower Upper

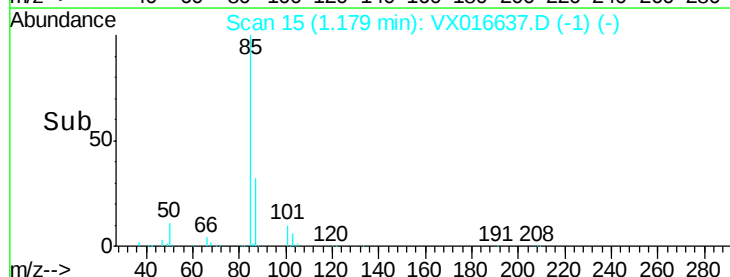
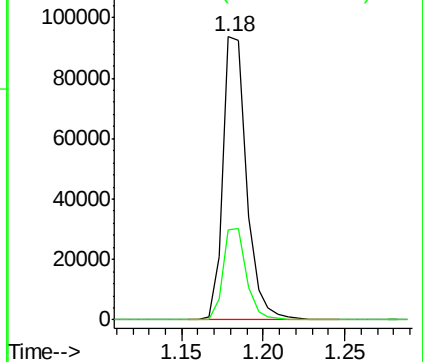
85 100

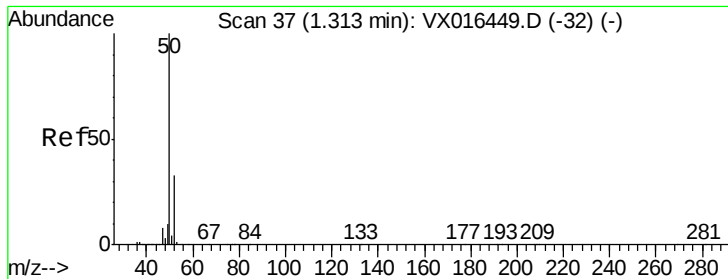
87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.058 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 50 Resp: 107469

Ion Ratio Lower Upper

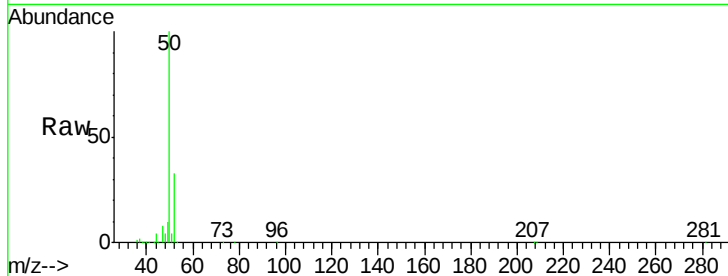
50 100

52 32.8 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

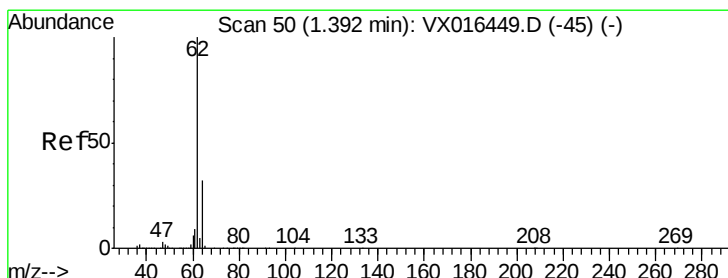
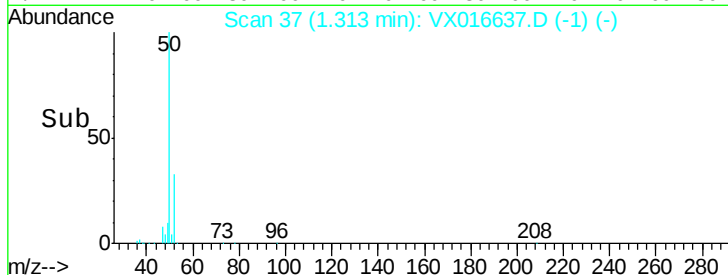
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 44.350 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016637.D

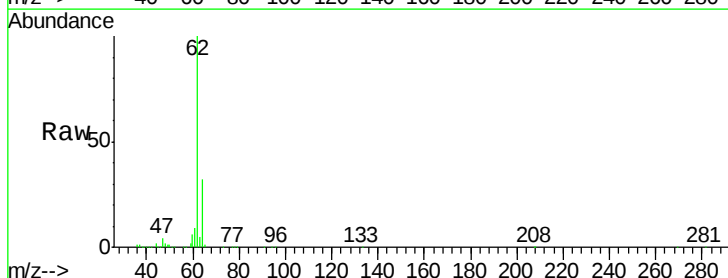
Acq: 08 Jun 2020 14:43

Tgt Ion: 62 Resp: 119847

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

150000

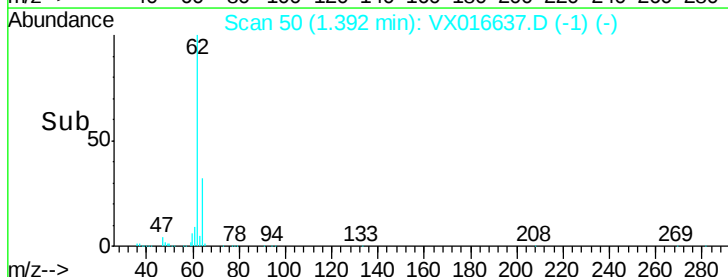
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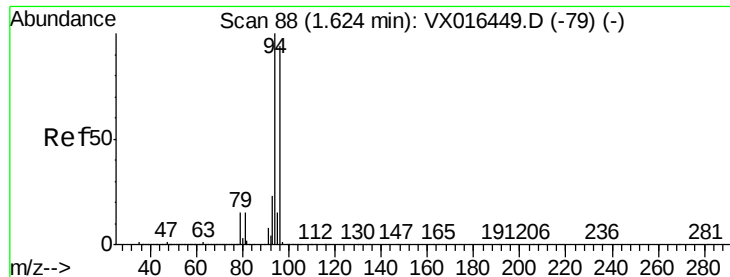
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 49.885 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 94 Resp: 65545

Ion Ratio Lower Upper

94 100

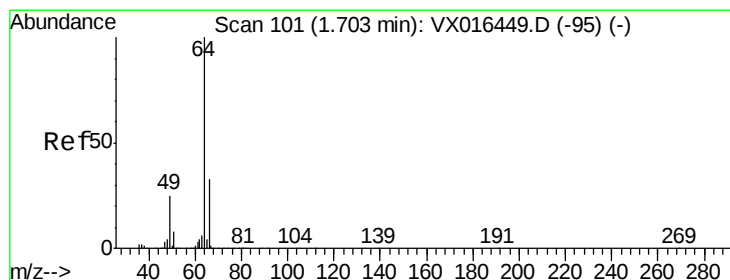
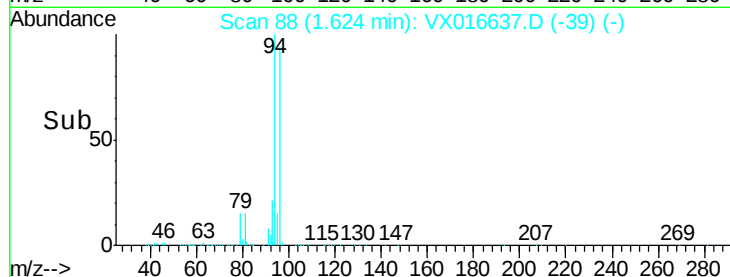
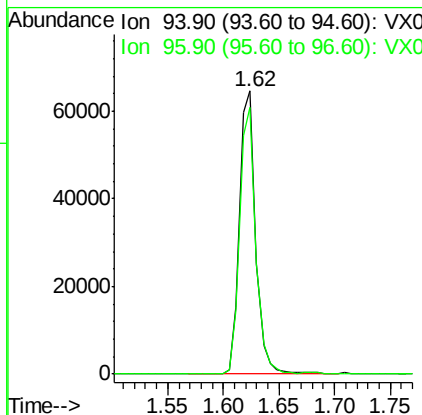
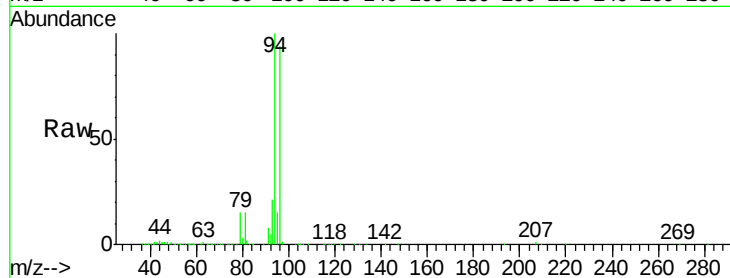
96 94.1 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 47.850 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016637.D

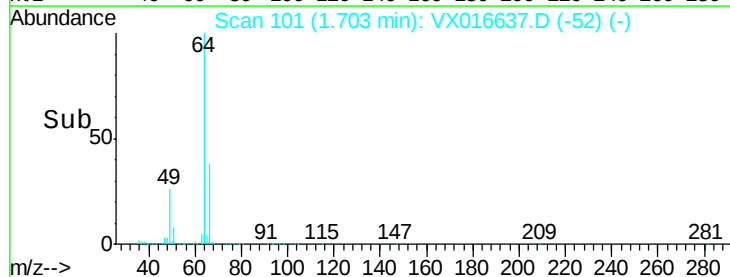
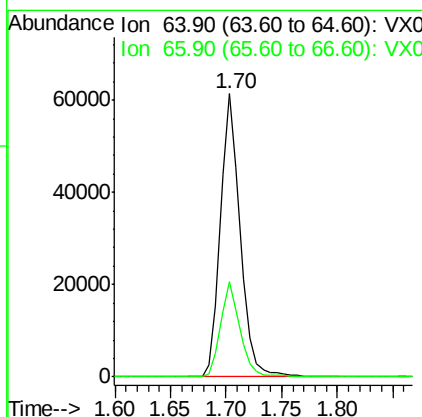
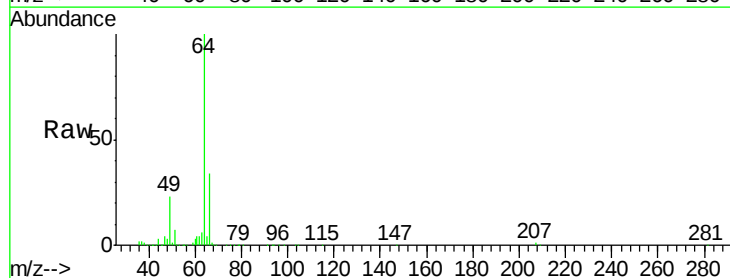
Acq: 08 Jun 2020 14:43

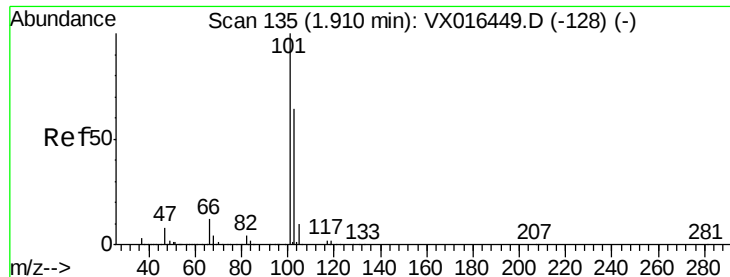
Tgt Ion: 64 Resp: 75428

Ion Ratio Lower Upper

64 100

66 33.5 26.7 40.1





#7

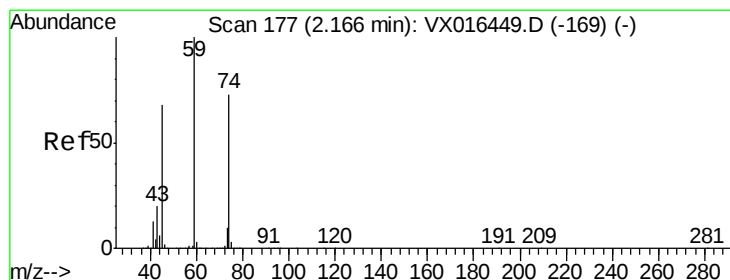
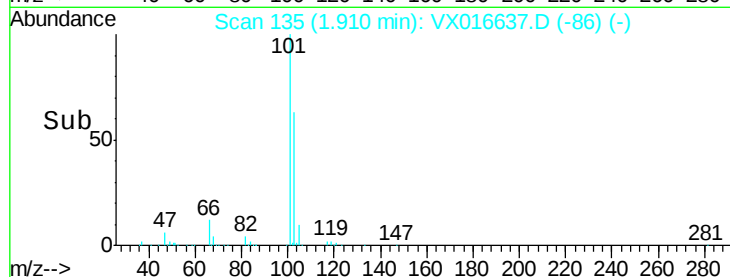
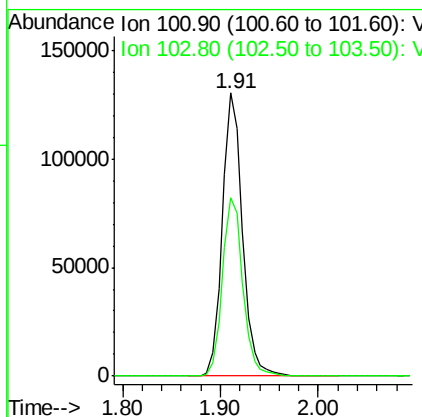
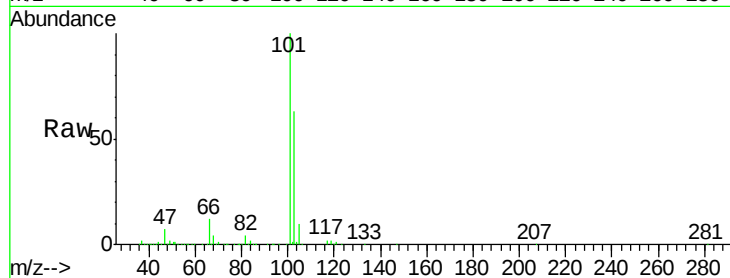
Trichlorofluoromethane
Concen: 52.295 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.9	76.3

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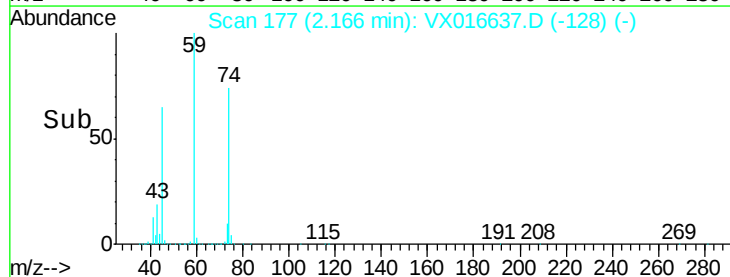
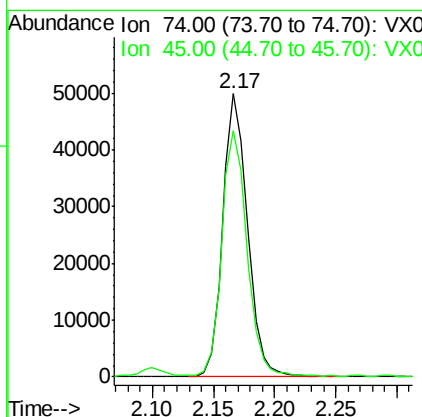
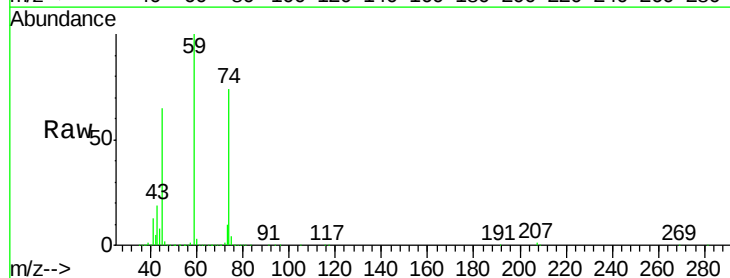
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6/9/2020 11:41:25 AM

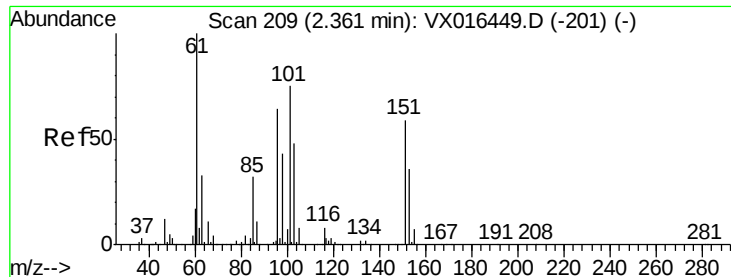


#8

Diethyl Ether
Concen: 47.213 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.209 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

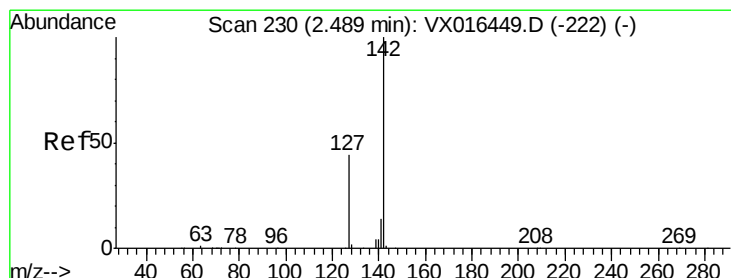
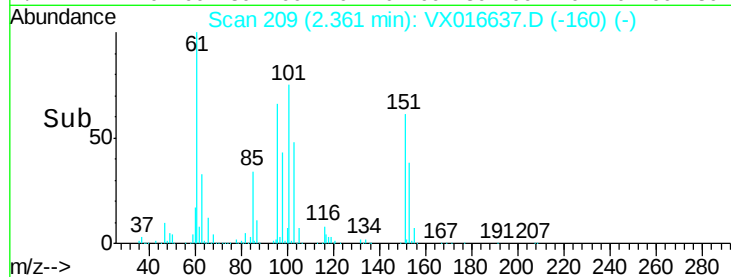
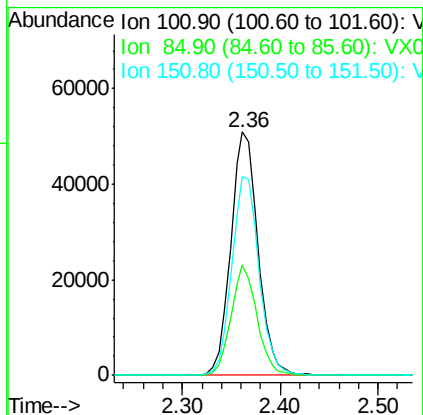
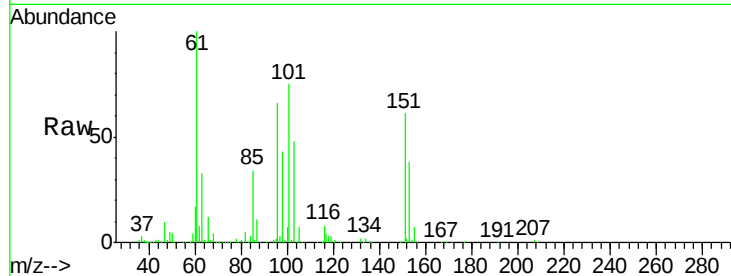
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	101	Resp:	98068
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.4	51.6
151	82.4	63.8	95.6

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#10

Methyl Iodide

Concen: 47.143 ug/l

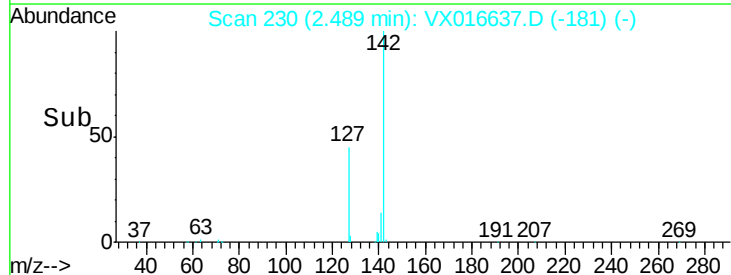
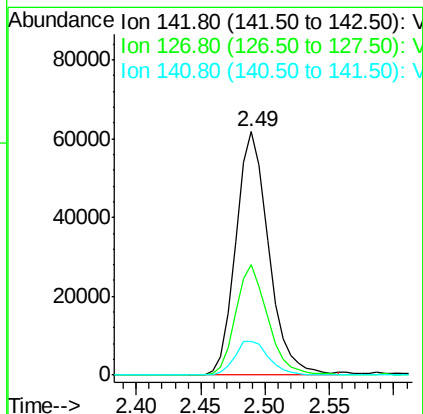
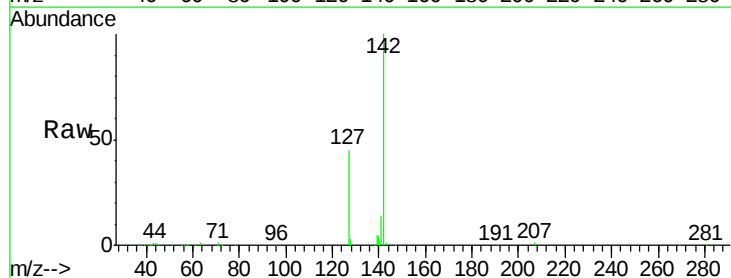
RT: 2.49 min Scan# 230

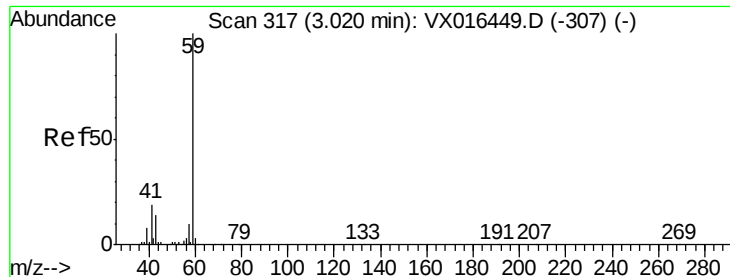
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	142	Resp:	109576
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.3	52.9
141	14.8	11.4	17.2





#11

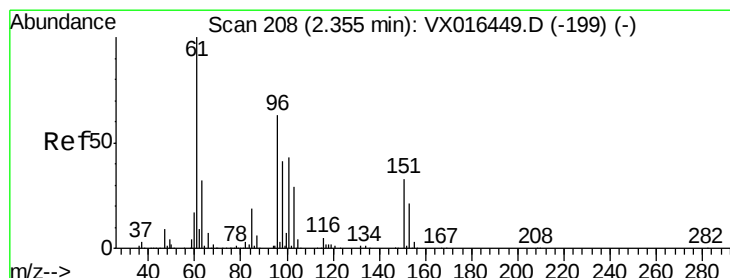
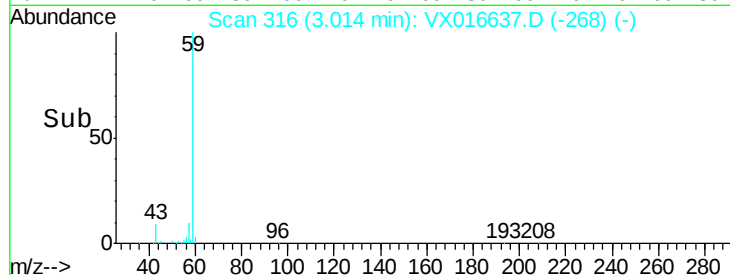
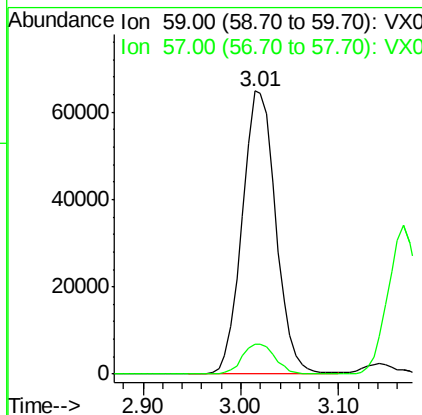
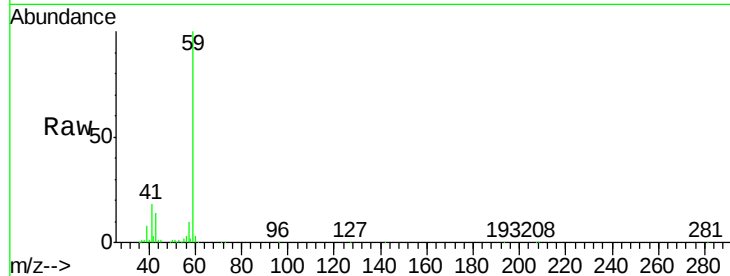
Tert butyl alcohol
Concen: 226.426 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

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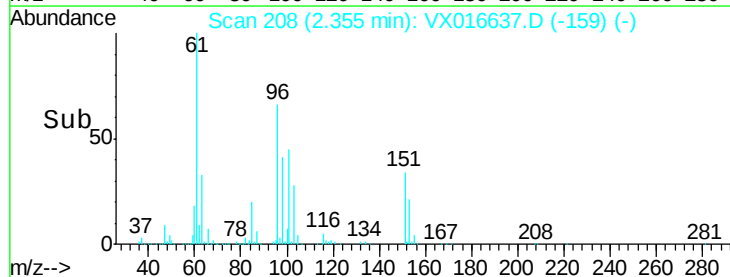
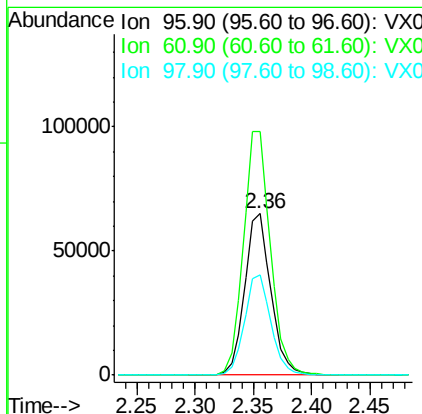
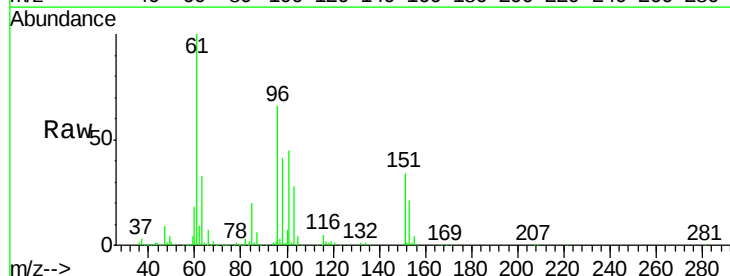
MMDadoda
6/9/2020 11:41:25 AM

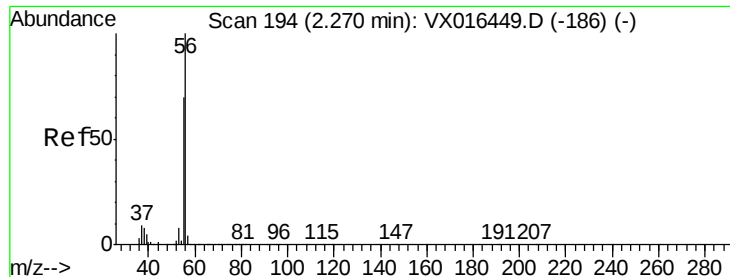


#12

1,1-Dichloroethene
Concen: 49.309 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	126.6	189.8
98	62.3	51.3	76.9





#13

Acrolein

Concen: 277.779 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 56 Resp: 80853

Ion Ratio Lower Upper

56 100

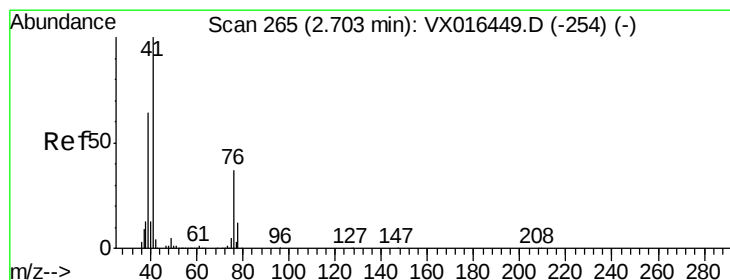
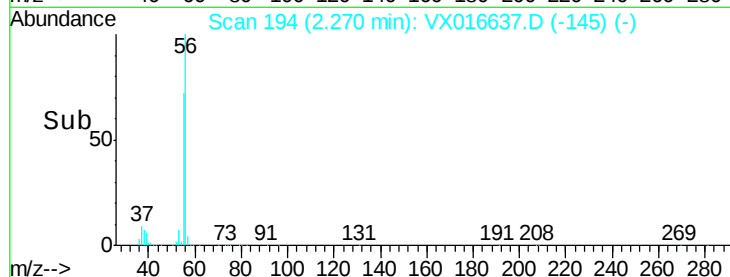
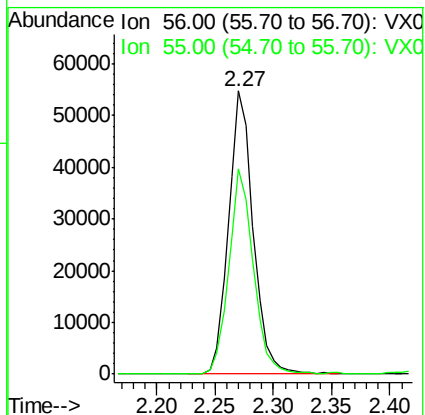
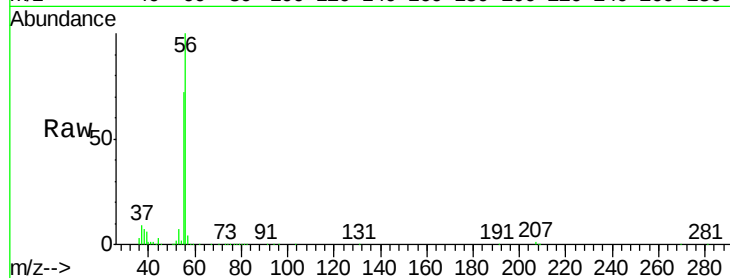
55 71.3 58.3 87.5

Manual Integrations

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#14

Allyl chloride

Concen: 43.468 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

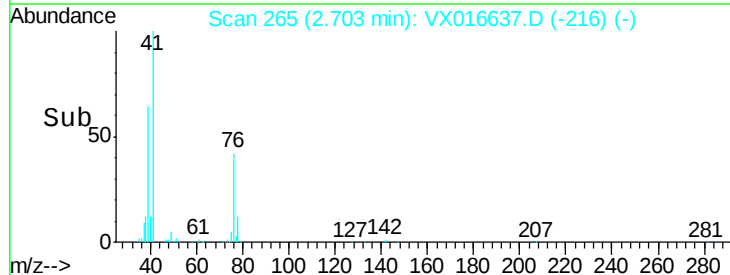
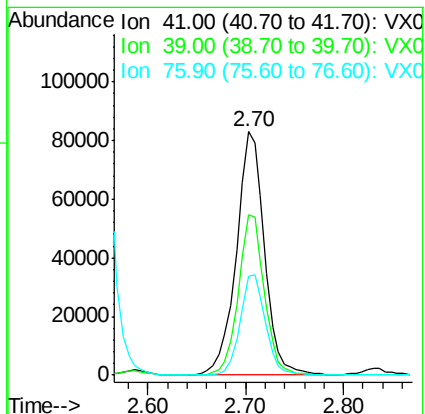
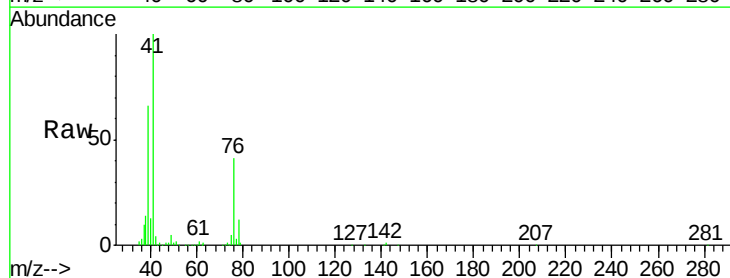
Tgt Ion: 41 Resp: 165274

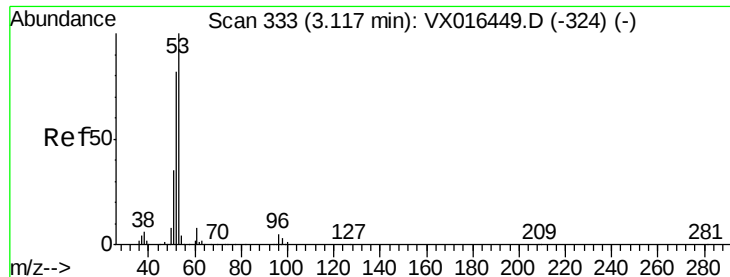
Ion Ratio Lower Upper

41 100

39 60.7 47.7 71.5

76 37.1 26.6 40.0





#15

Acrylonitrile

Concen: 229.749 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

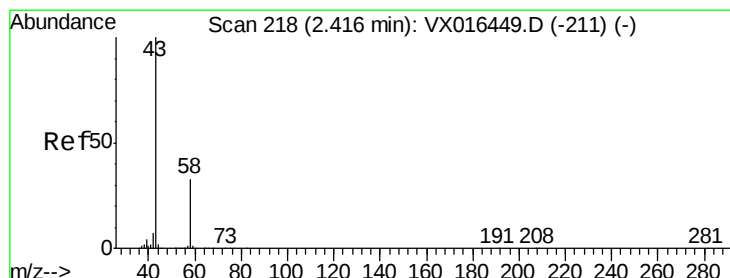
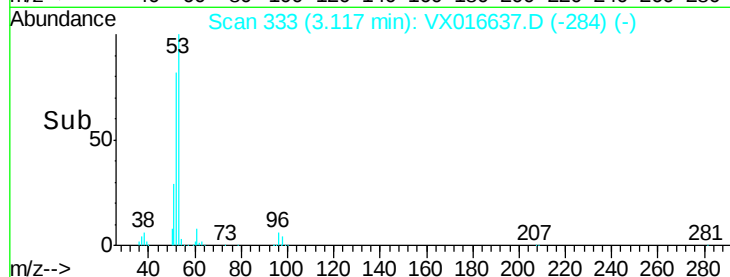
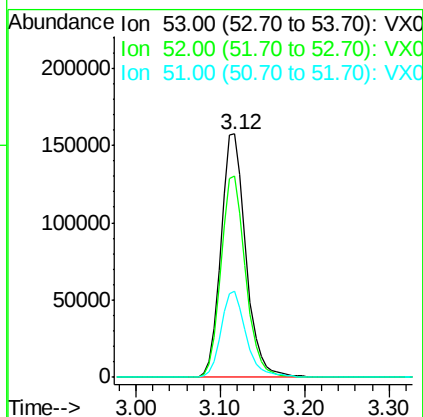
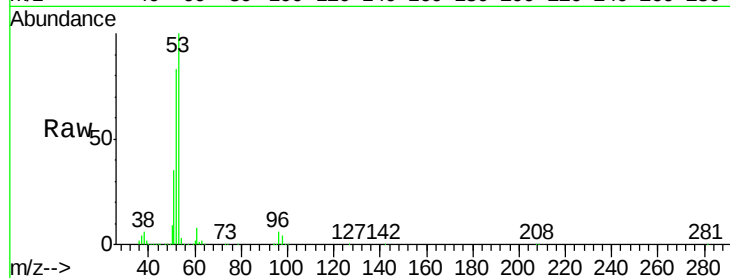
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	53	Resp:	322024
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.7	100.1
51	35.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 229.702 ug/l

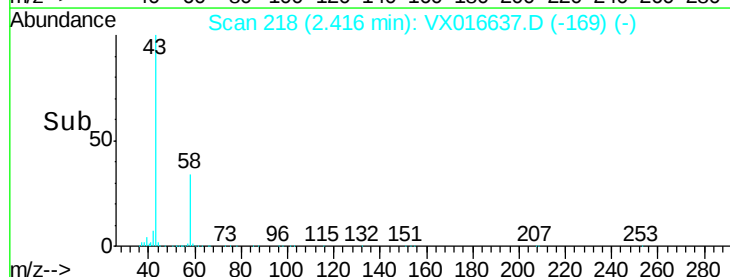
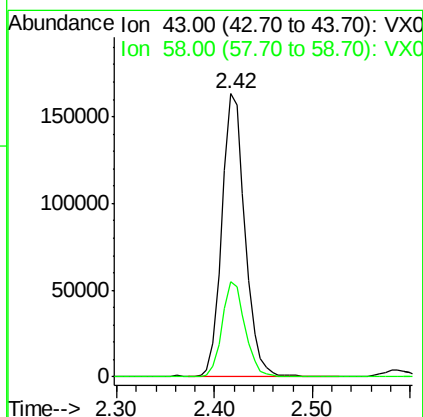
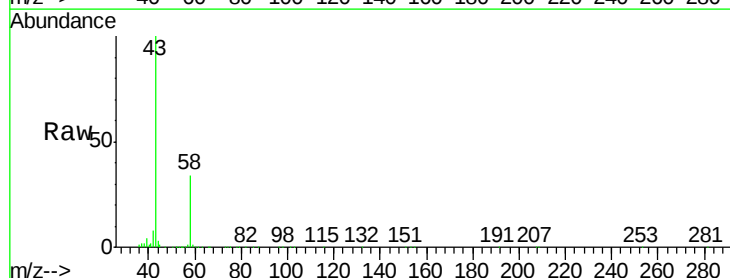
RT: 2.42 min Scan# 218

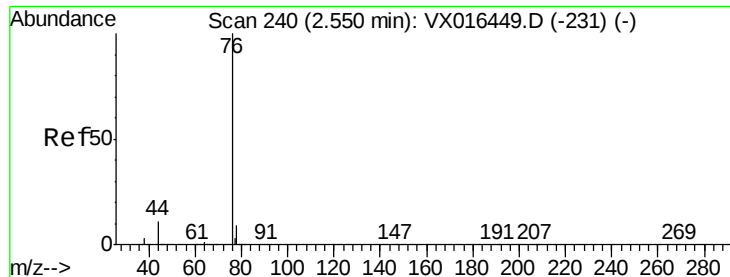
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	43	Resp:	268536
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.1	39.1





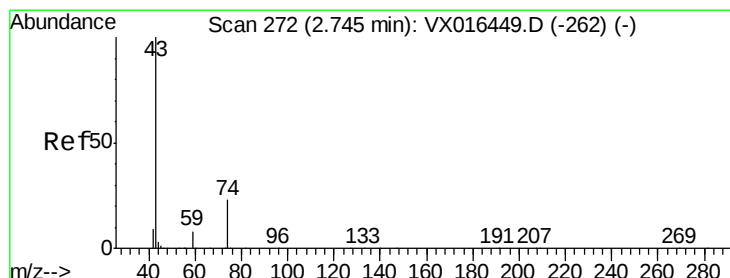
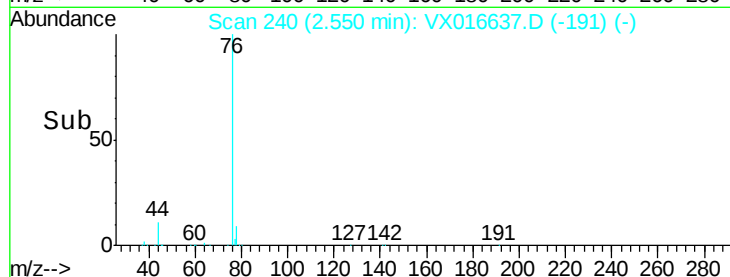
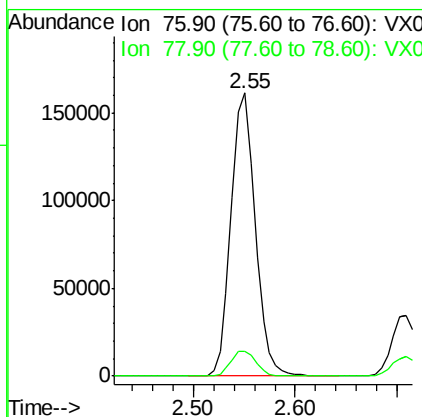
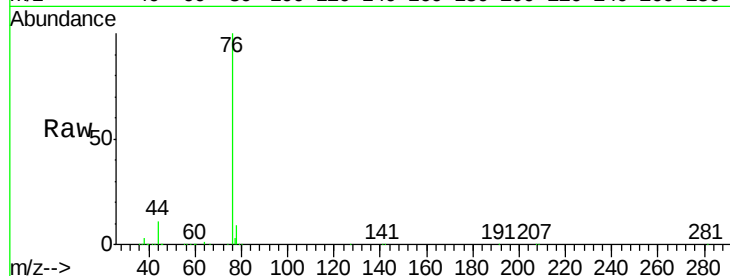
#17
Carbon Disulfide
Concen: 43.226 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

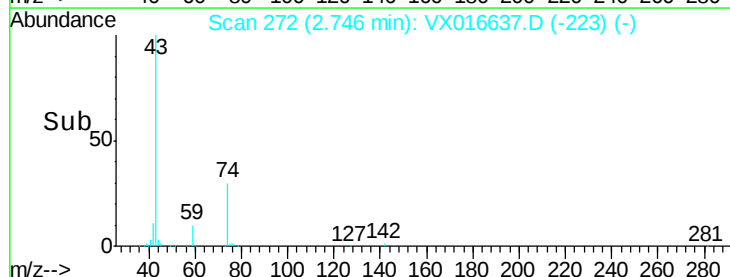
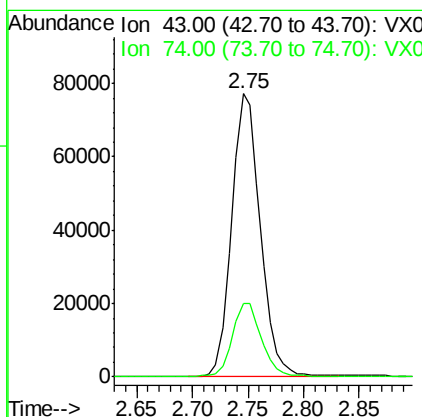
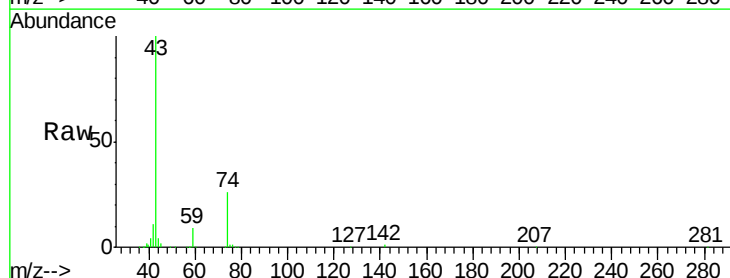
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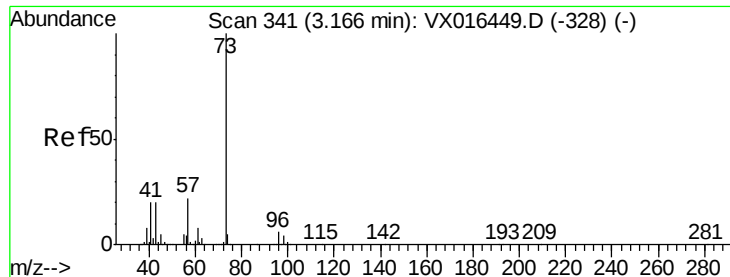
MMDadoda
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#18
Methyl Acetate
Concen: 45.722 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	19.7	29.5





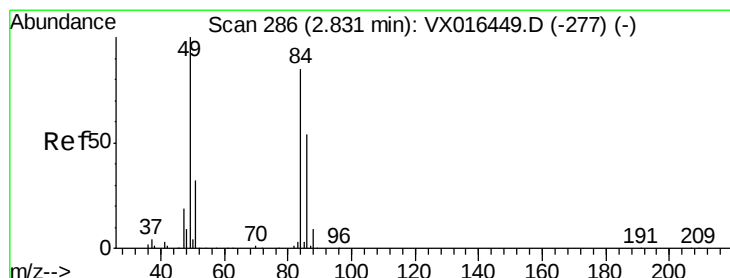
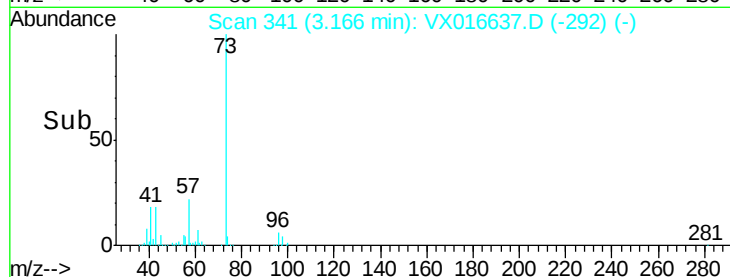
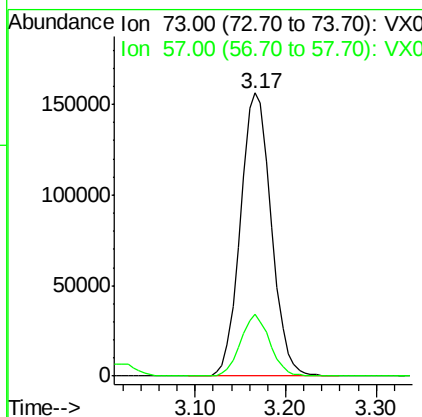
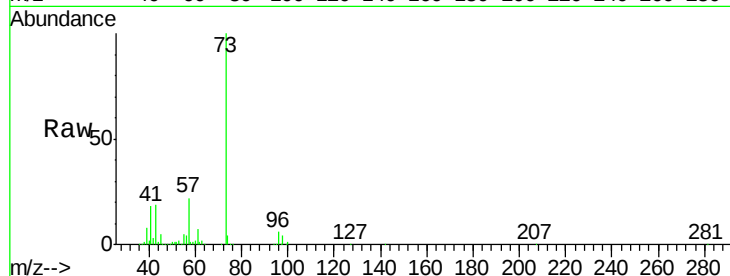
#19
Methyl tert-butyl Ether
Concen: 49.496 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

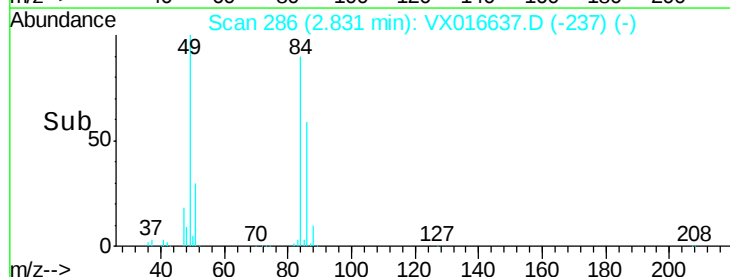
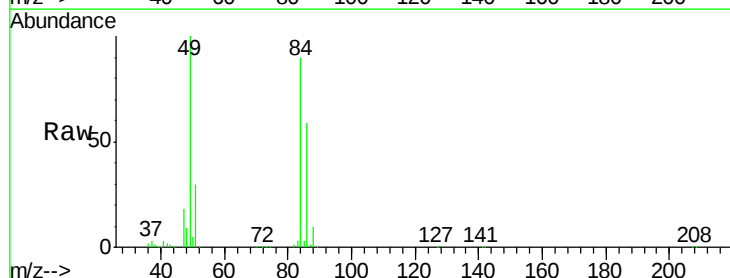
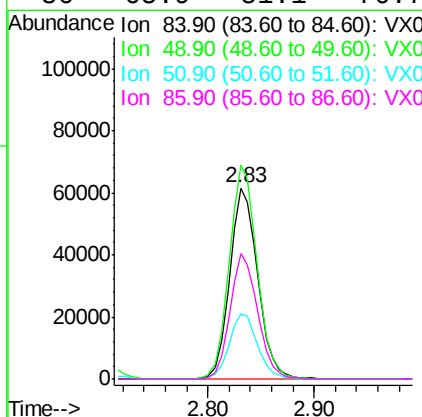
Manual Integrations
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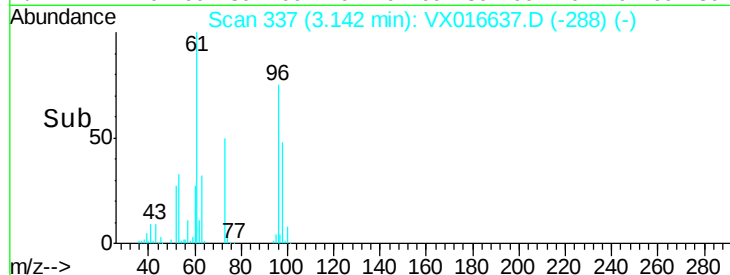
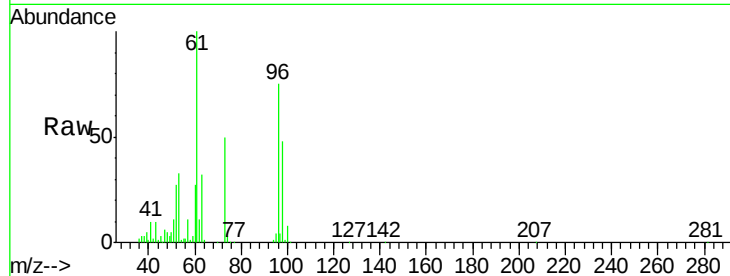
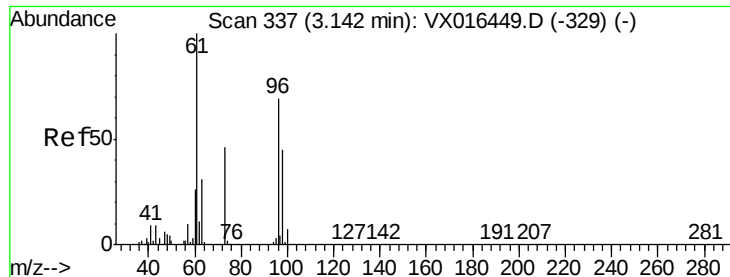
MMDadoda
6/9/2020 11:41:25 AM



#20
Methylene Chloride
Concen: 46.994 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.7	94.5	141.7
51	33.9	30.2	45.4
86	65.9	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 47.669 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tot Ion:	96	Resp:	109011
Ion	Ratio	Lower	Upper
96	100		
61	132.7	115.3	172.9
98	63.7	51.9	77.9

Instrument :

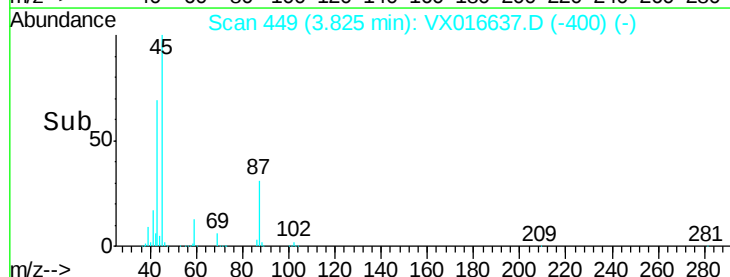
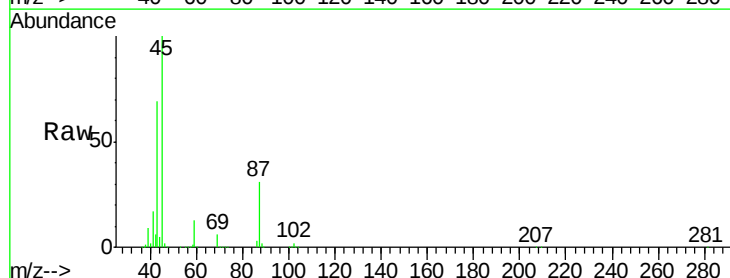
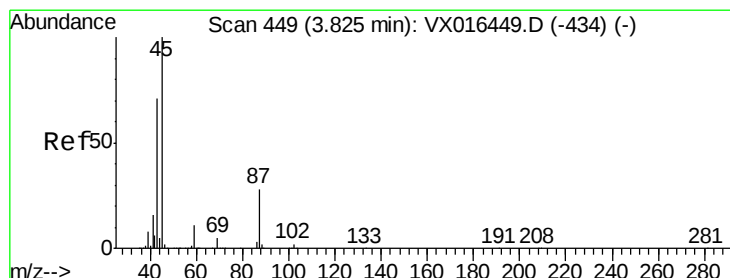
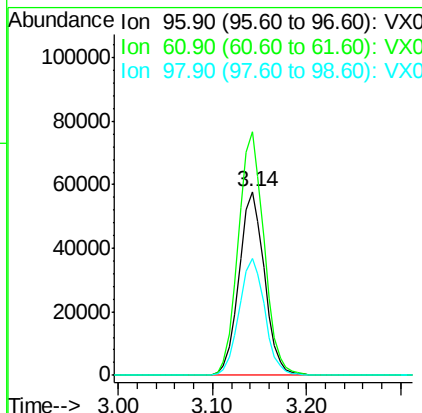
MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

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#22

Diisopropyl ether

Concen: 44.083 ug/l

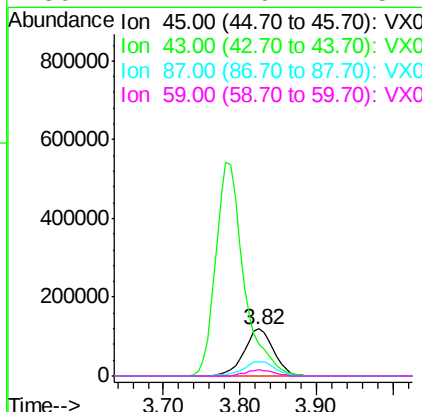
RT: 3.82 min Scan# 449

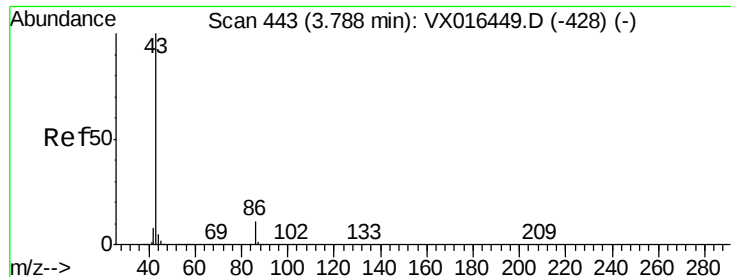
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	45	Resp:	321989
Ion	Ratio	Lower	Upper
45	100		
43	69.0	57.0	85.6
87	30.7	22.5	33.7
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 215.774 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 43 Resp: 1379515

Ion Ratio Lower Upper

43 100

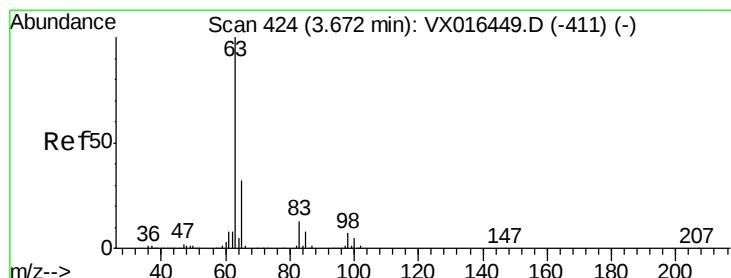
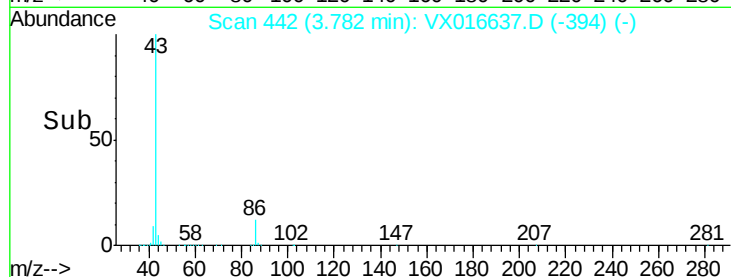
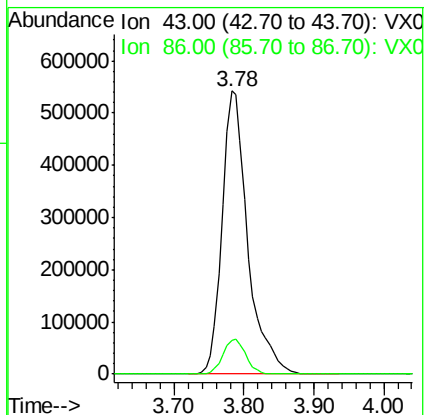
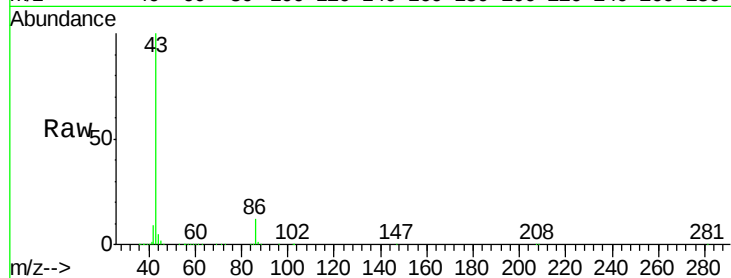
86 12.1 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.636 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

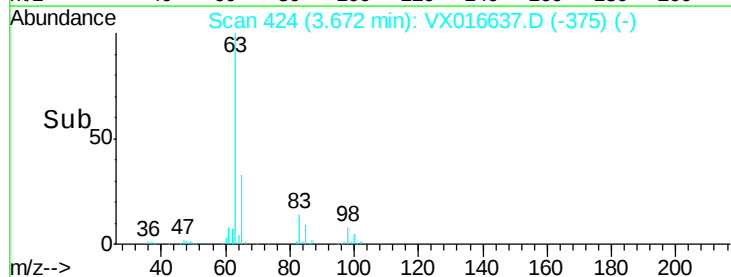
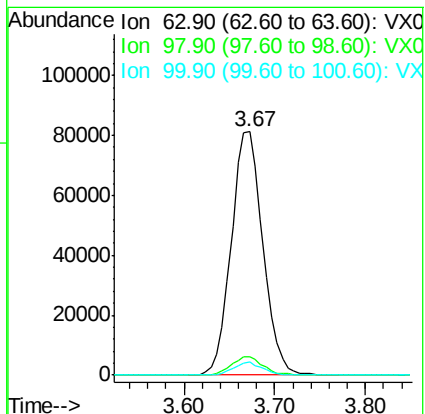
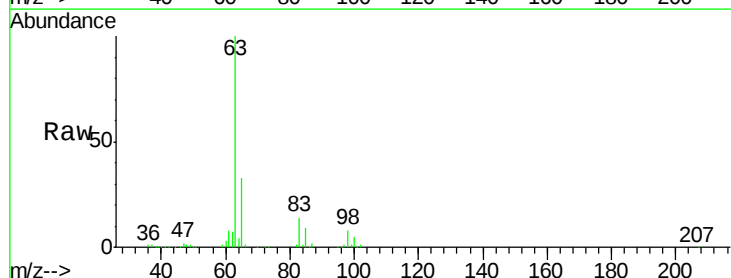
Tgt Ion: 63 Resp: 196384

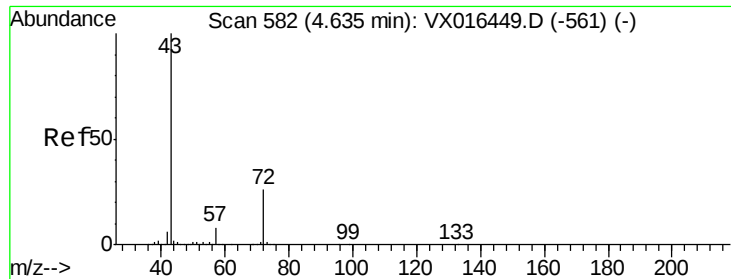
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 218.923 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 43 Resp: 433671

Ion Ratio Lower Upper

43 100

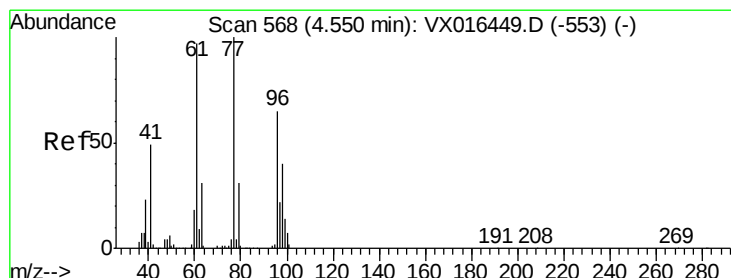
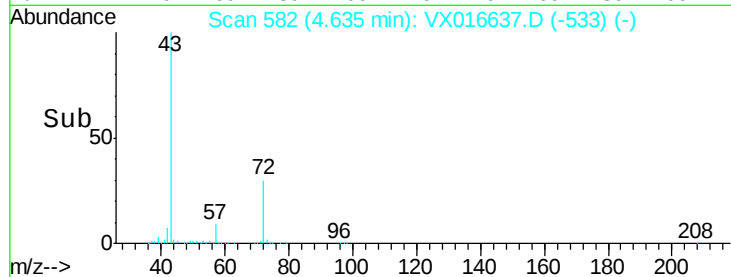
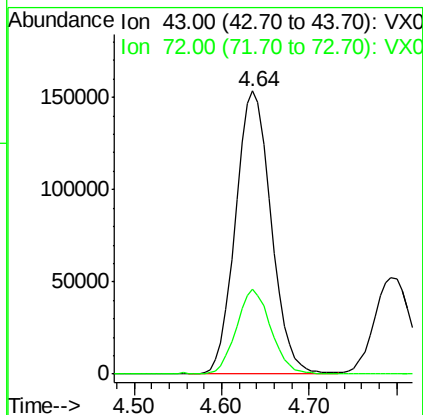
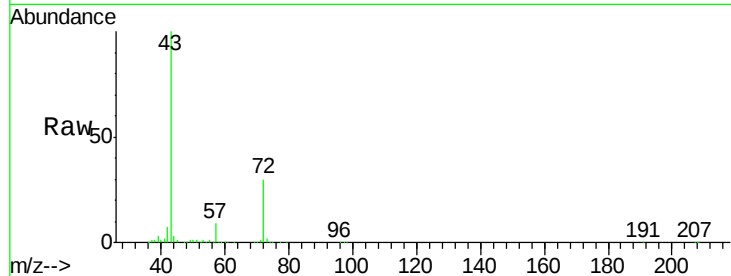
72 29.7 21.0 31.6

Manual Integrations

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6/9/2020 11:41:25 AM



#26

2,2-Dichloropropane

Concen: 51.827 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016637.D

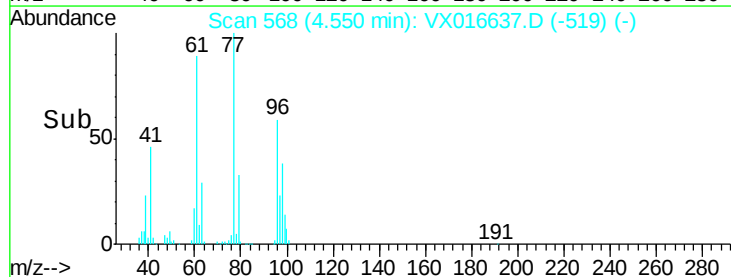
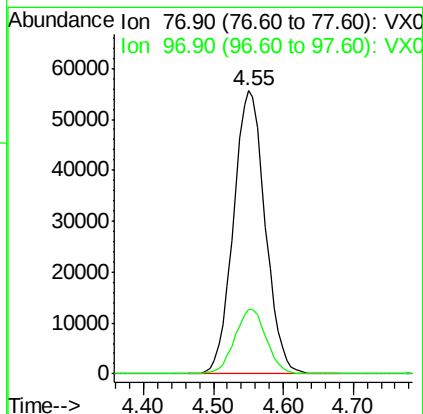
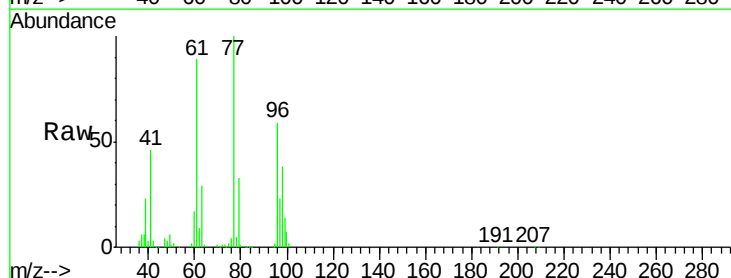
Acq: 08 Jun 2020 14:43

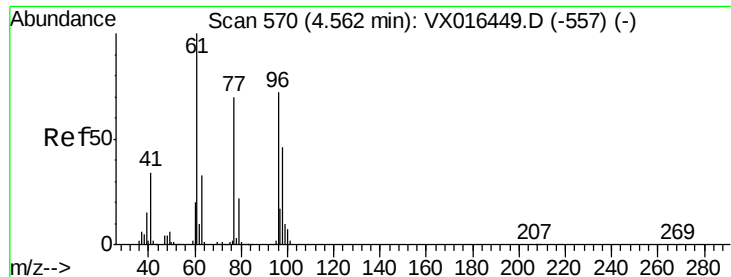
Tgt Ion: 77 Resp: 174832

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

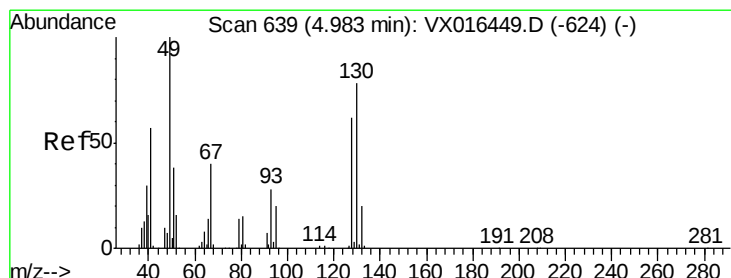
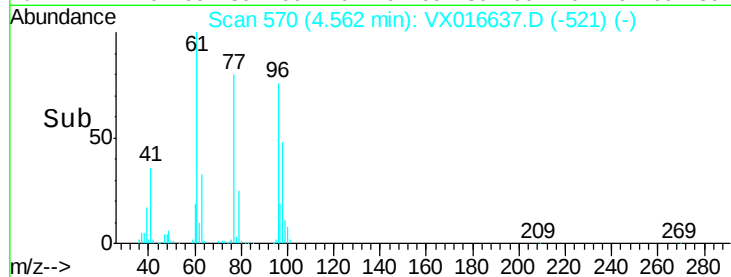
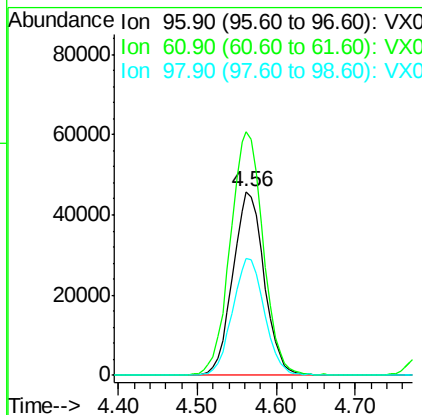
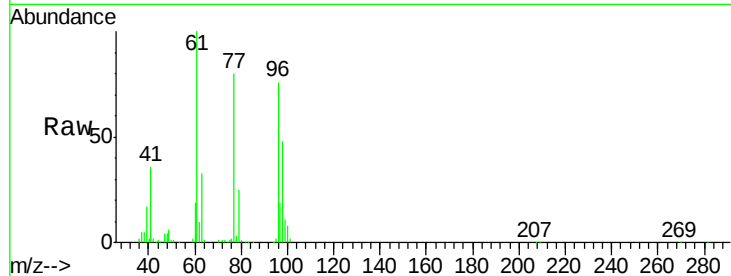
cis-1,2-Dichloroethene
Concen: 48.015 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127028		
61	138.5	0.0	284.6	
98	64.8	0.0	127.2	

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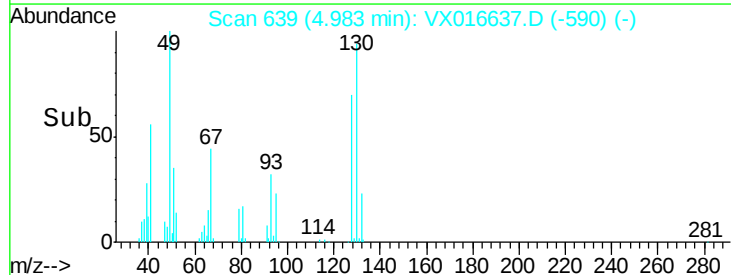
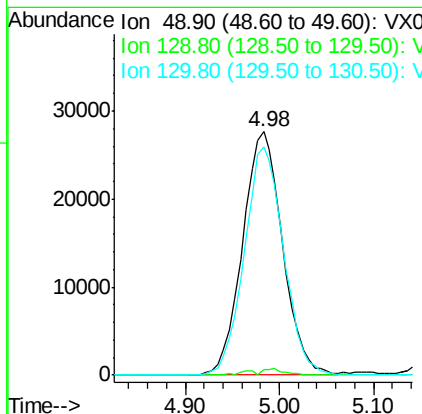
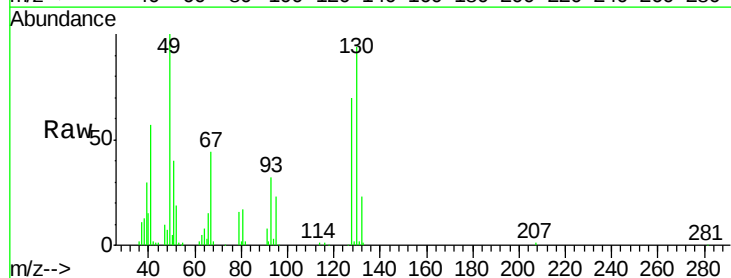
MMDadoda
6/9/2020 11:41:25 AM

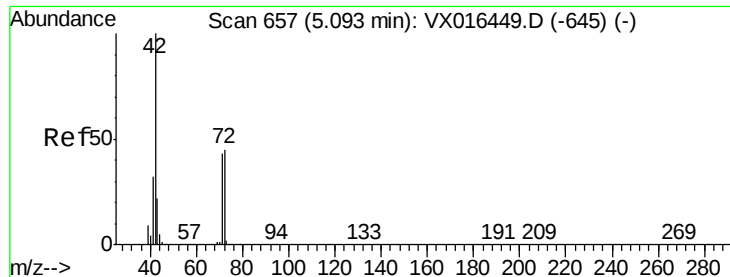


#28

Bromochloromethane
Concen: 42.836 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82064		
129	1.4	0.0	4.0	
130	92.4	63.0	94.4	





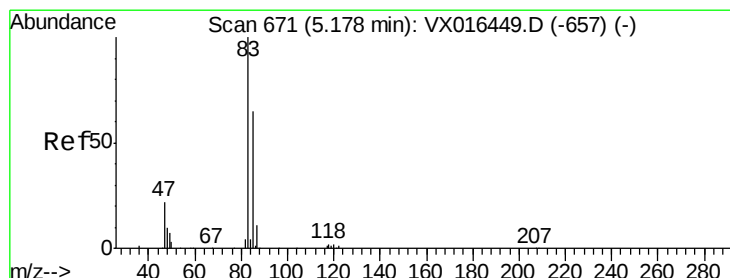
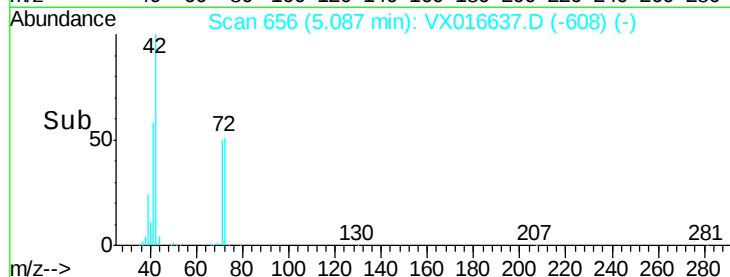
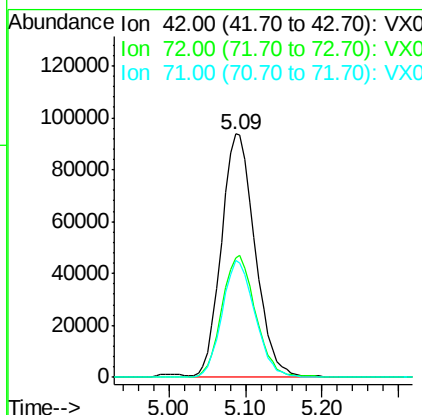
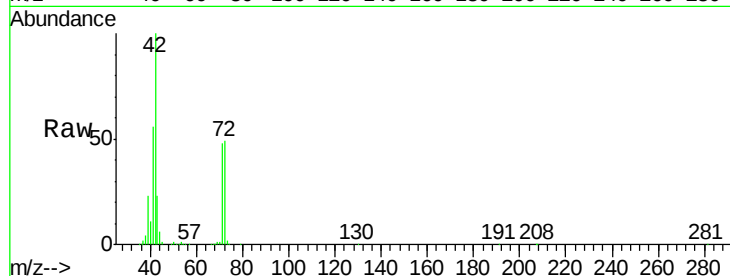
#29
Tetrahydrofuran
Concen: 222.562 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	37.0	55.4
71	47.0	34.1	51.1

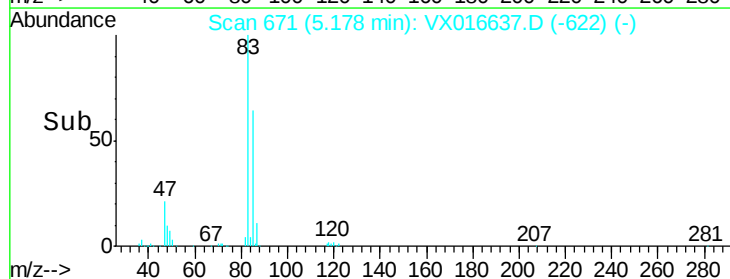
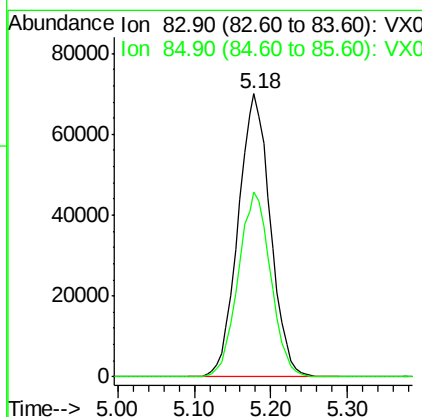
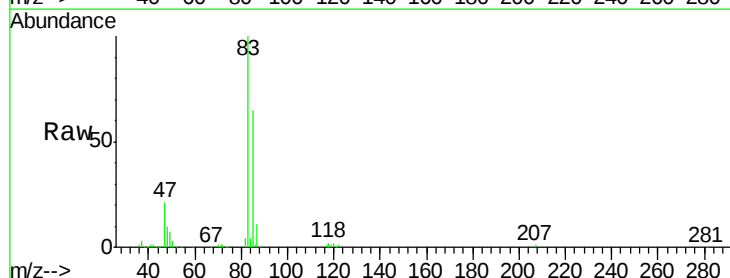
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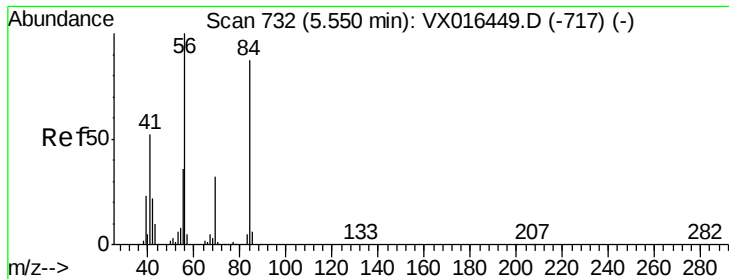
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#30
Chloroform
Concen: 49.326 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.0	78.0





#31

Cyclohexane

Concen: 42.016 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

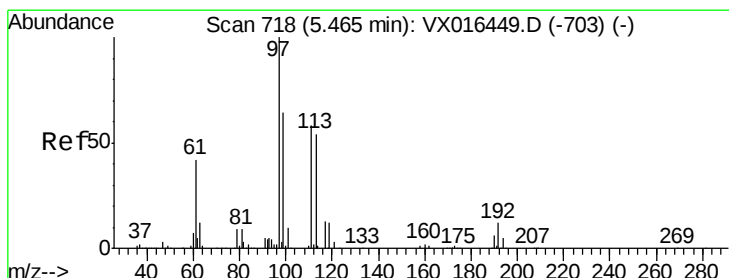
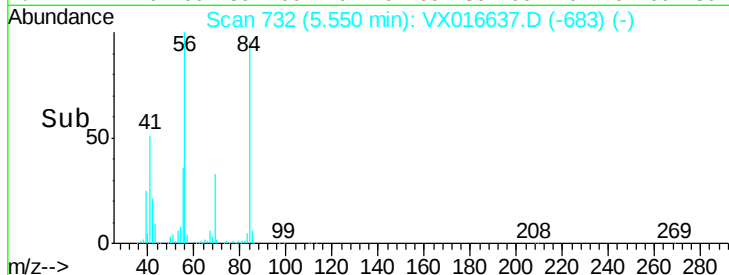
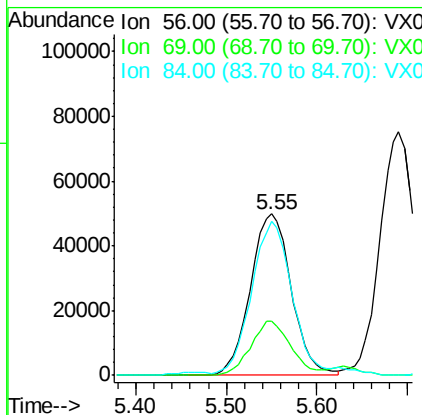
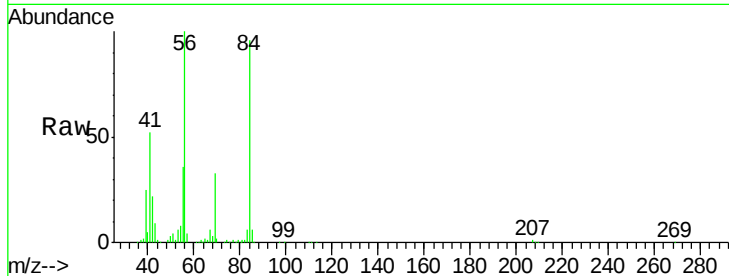
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	56	Resp:	155829
Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.7	38.5
84	93.6	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 51.346 ug/l

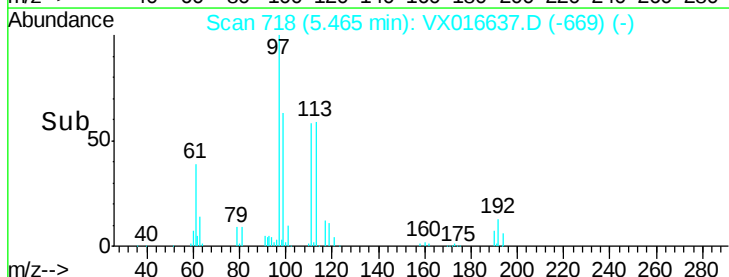
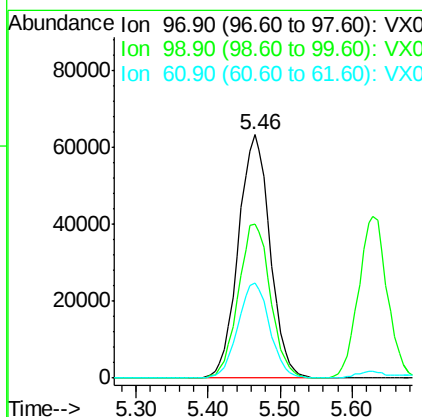
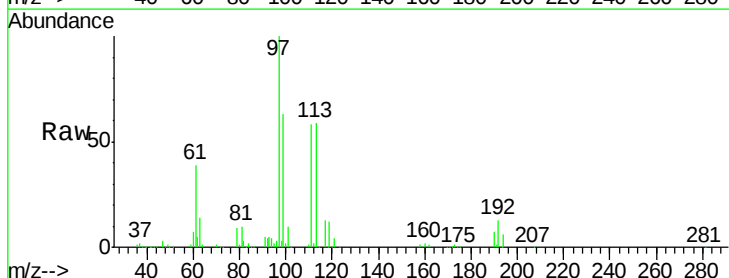
RT: 5.46 min Scan# 718

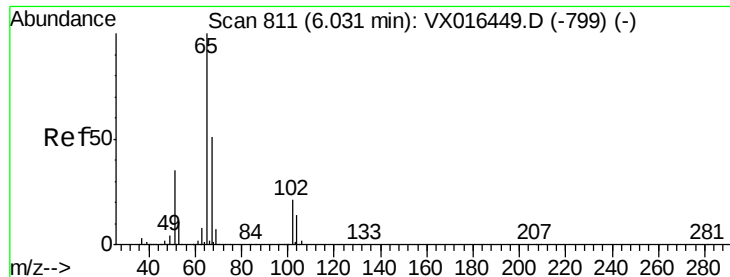
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	97	Resp:	193096
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.3	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 48.502 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 65 Resp: 129420

Ion Ratio Lower Upper

65 100

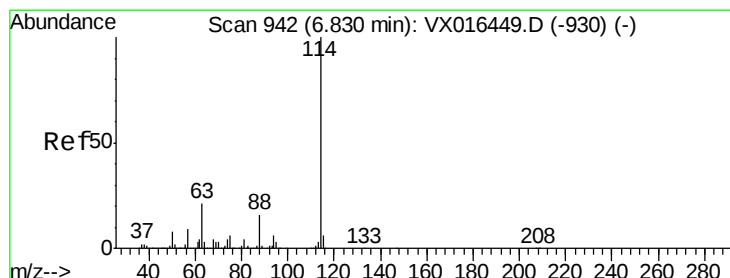
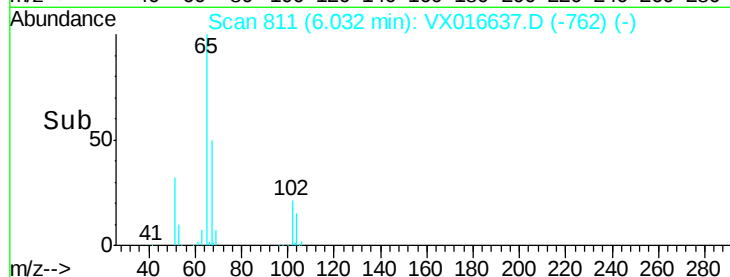
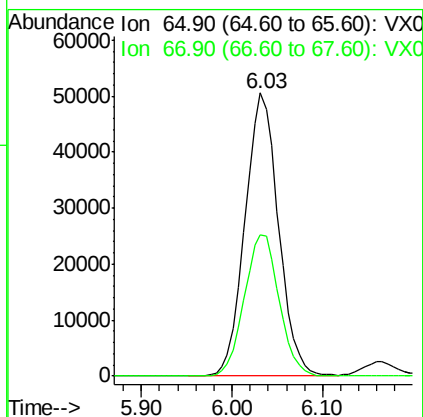
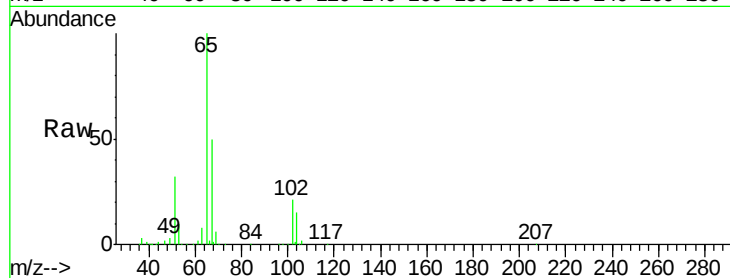
67 51.9 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

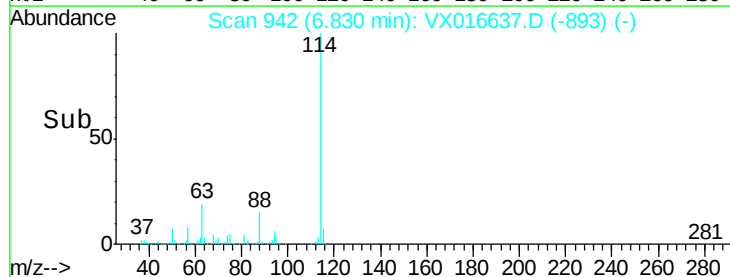
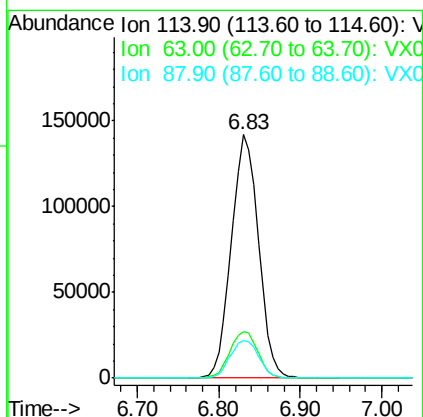
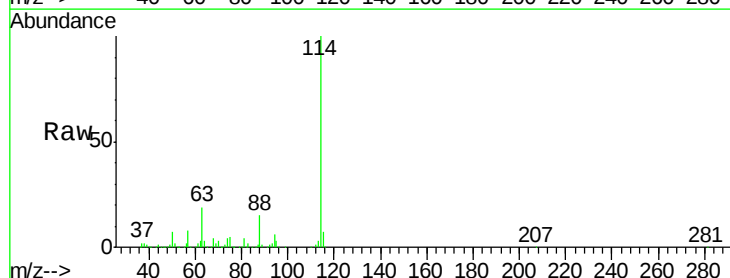
Tgt Ion: 114 Resp: 326175

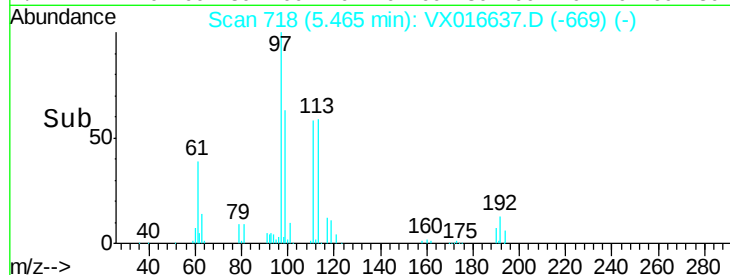
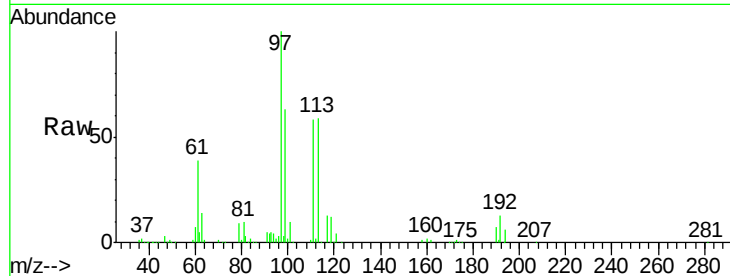
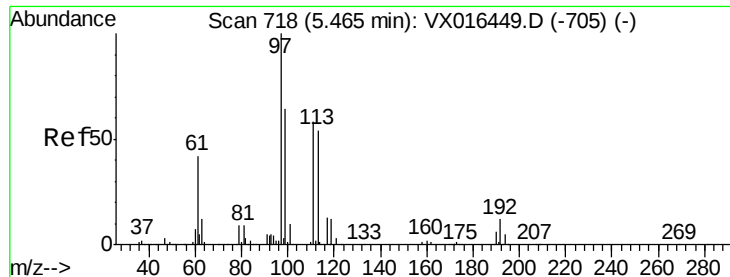
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 15.4 0.0 32.8





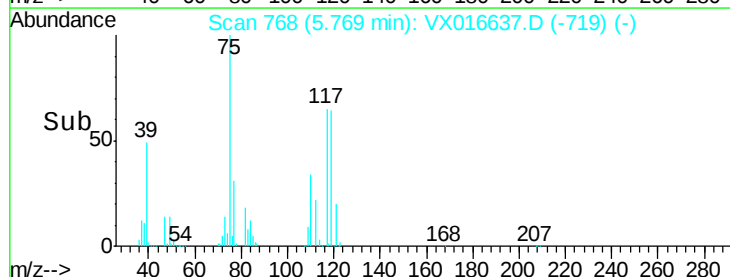
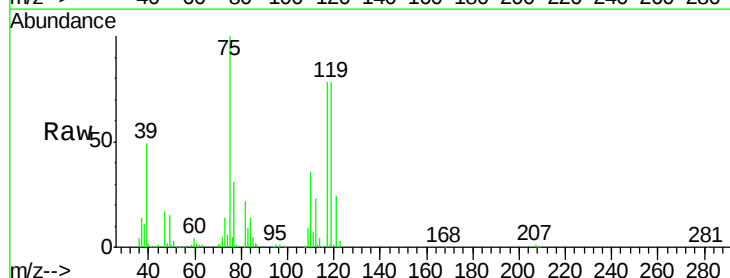
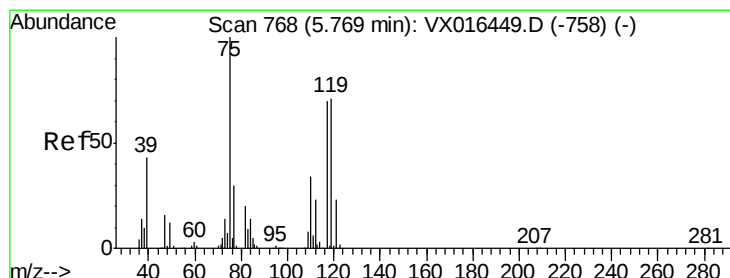
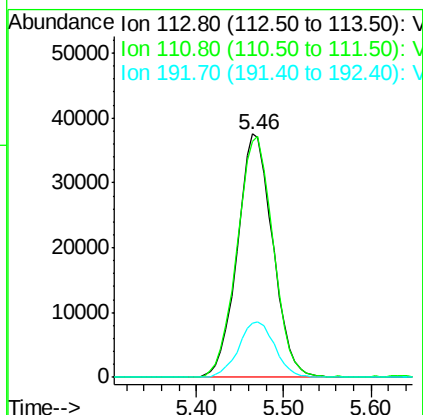
#35
Dibromofluoromethane
Concen: 52.465 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105371		
111	101.3	83.0	124.6	
192	23.3	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

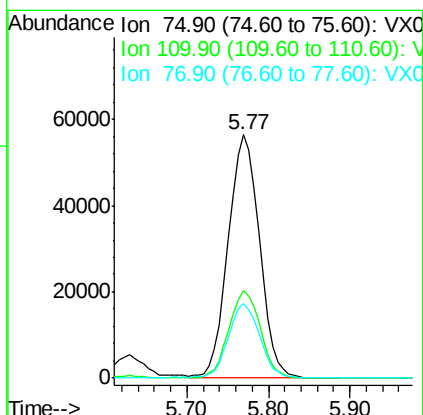
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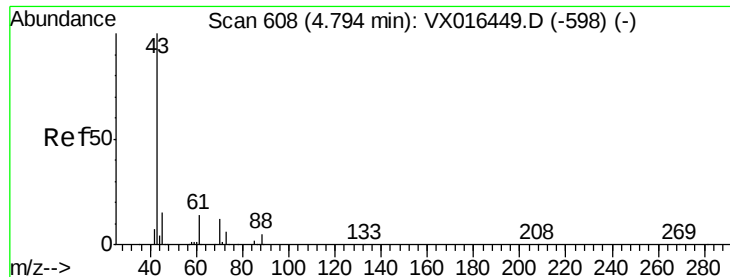
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#36
1,1-Dichloropropene
Concen: 48.341 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149291		
110	36.3	17.4	52.3	
77	31.2	24.2	36.4	





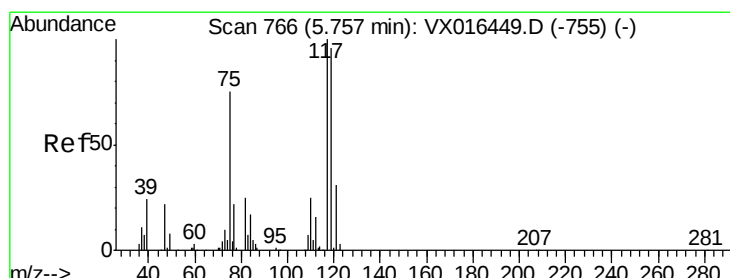
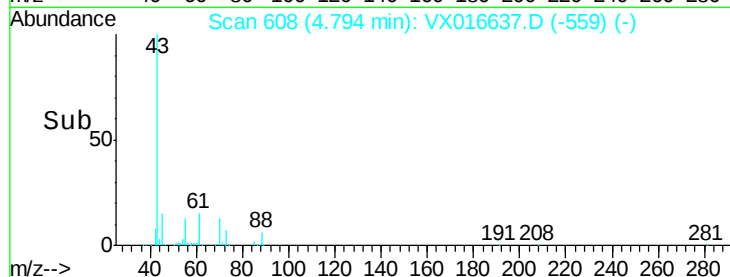
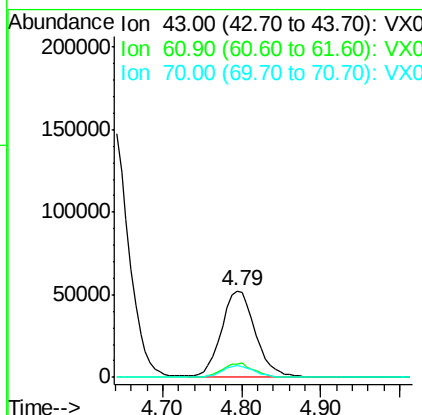
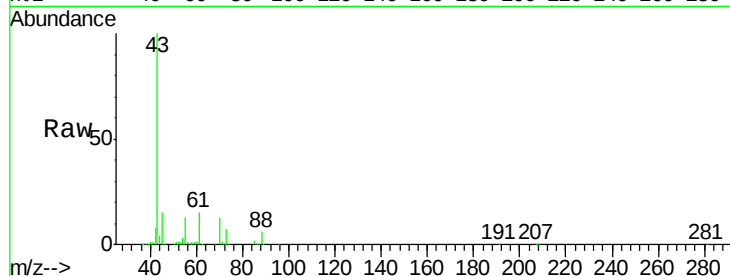
#37
Ethyl Acetate
Concen: 41.950 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.3	16.9
70	12.9	9.3	13.9

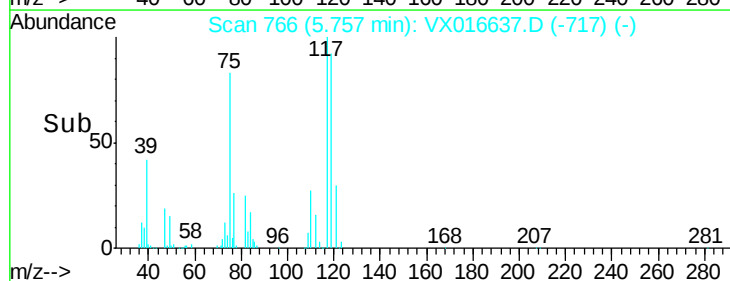
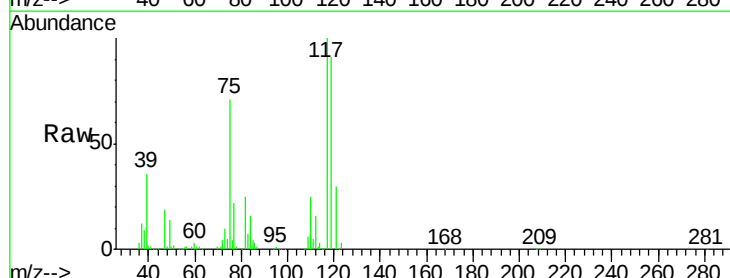
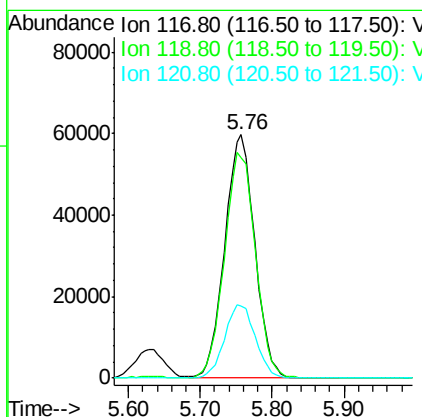
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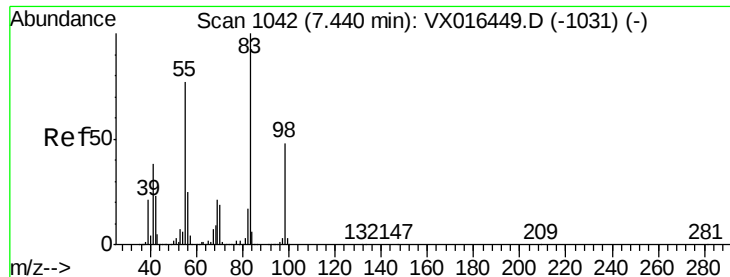
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#38
Carbon Tetrachloride
Concen: 53.390 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.3	114.5
121	29.6	24.6	37.0





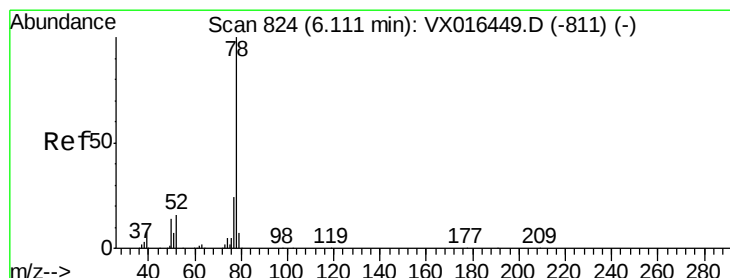
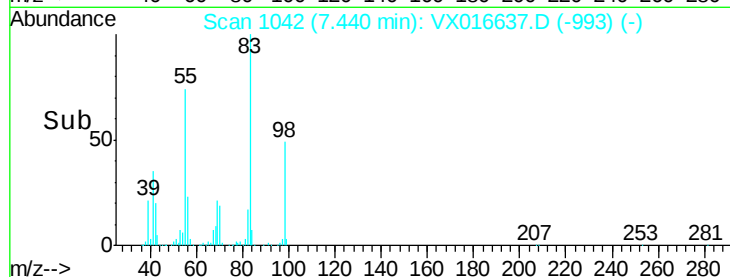
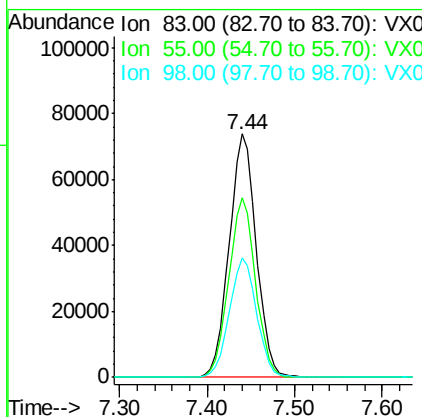
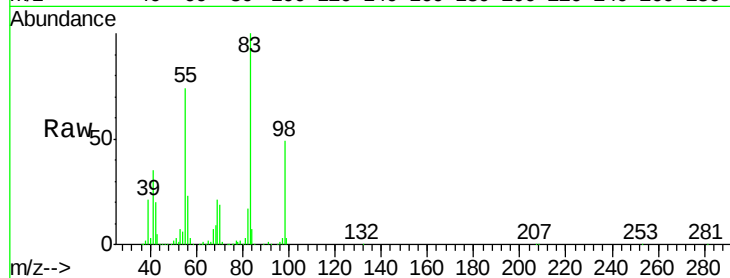
#39
Methylvlcyclohexane
Concen: 47.365 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.5	61.7	92.5	
98	49.2	38.7	58.1	

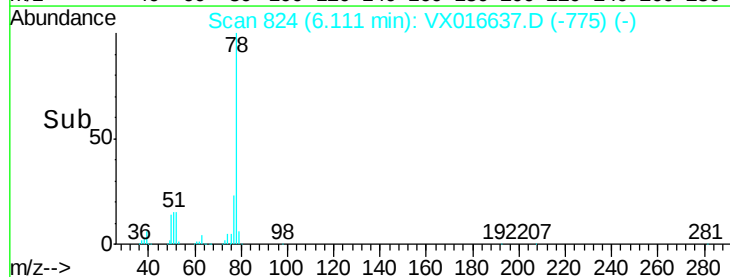
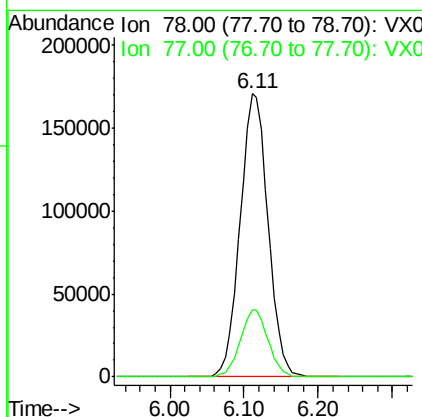
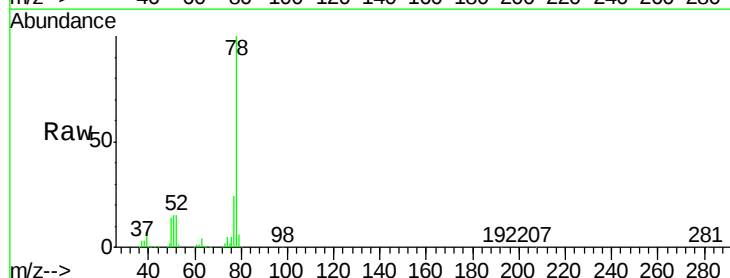
Manual Integrations
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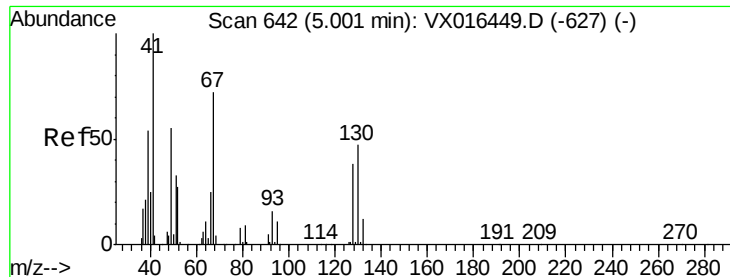
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#40
Benzene
Concen: 48.807 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	18.9	28.3	





#41

Methacrylonitrile

Concen: 43.566 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

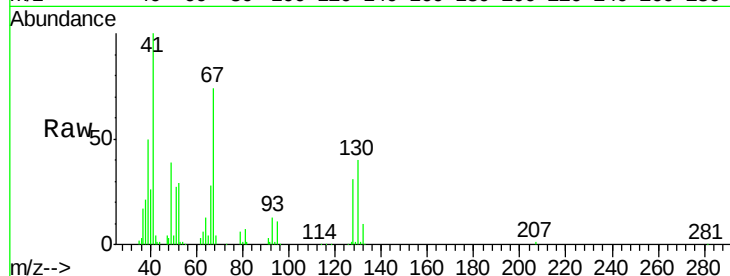
ClientSampleId :

SA-PZ134I-20200604MSD

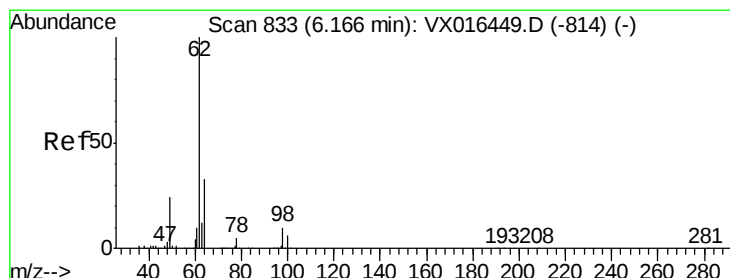
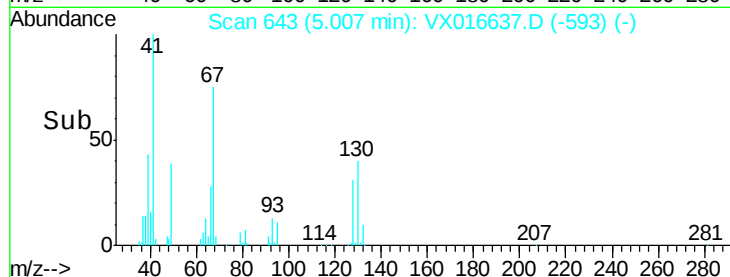
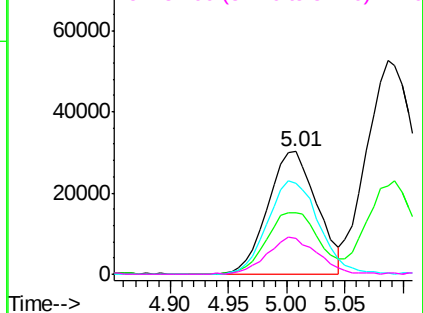
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	43.0	64.4	
67	79.8	58.9	88.3	
52	31.1	23.1	34.7	

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.713 ug/l

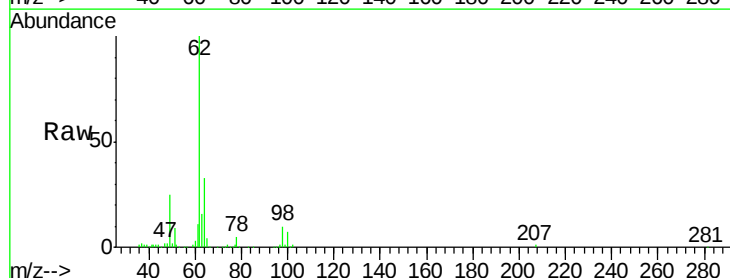
RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

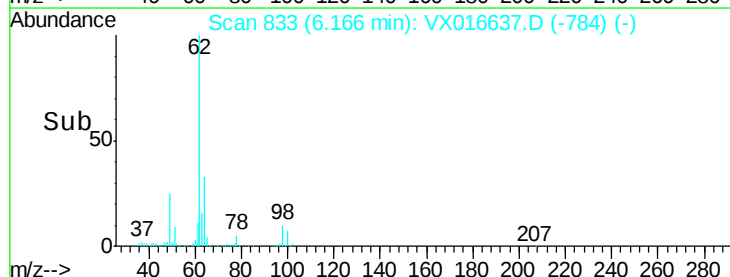
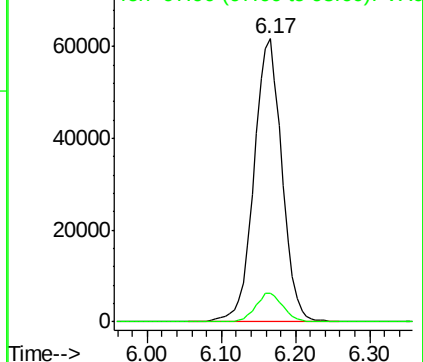
Lab File: VX016637.D

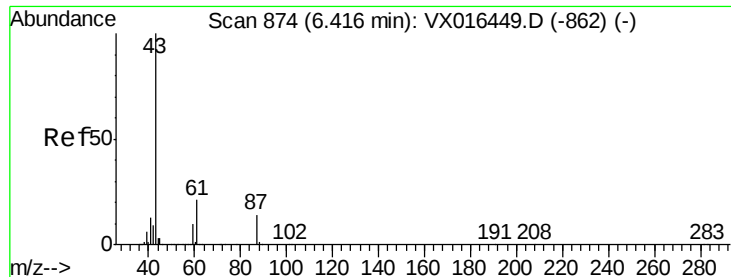
Acq: 08 Jun 2020 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

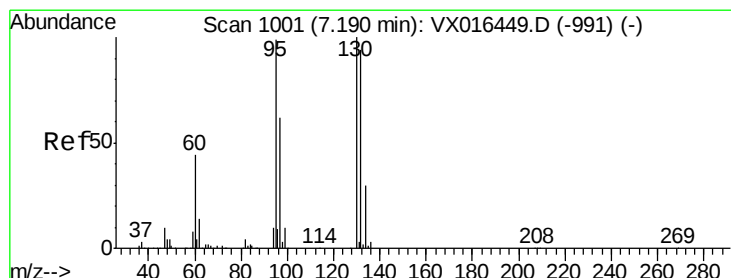
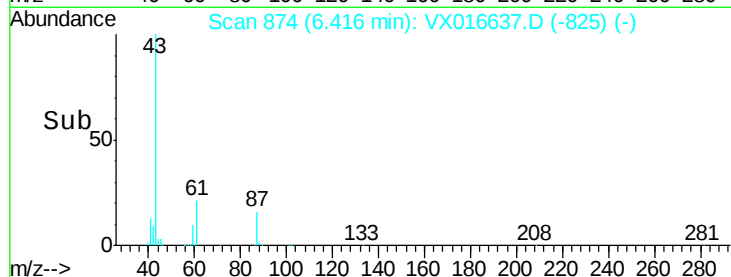
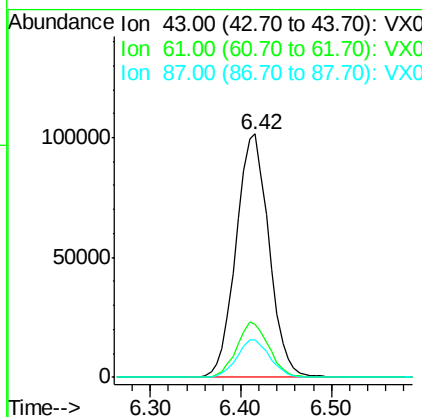
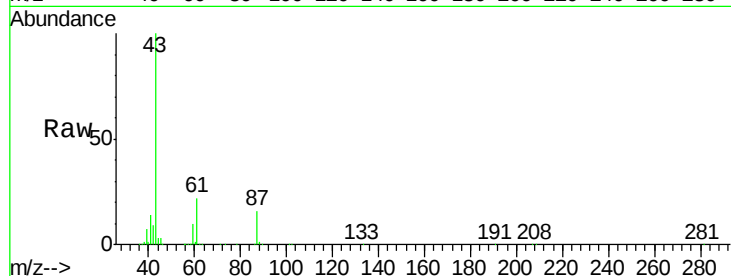
Isopropyl Acetate
 Concen: 43.983 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.5	11.2	16.8

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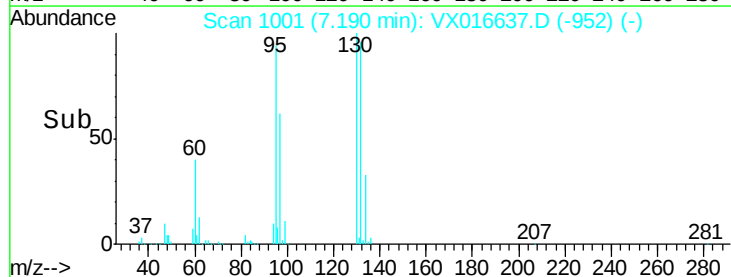
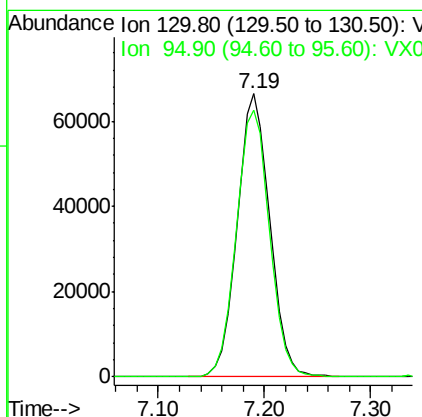
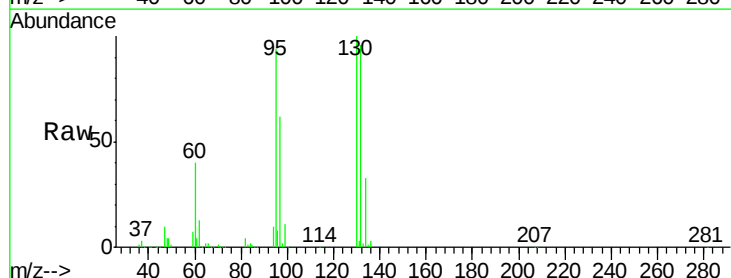
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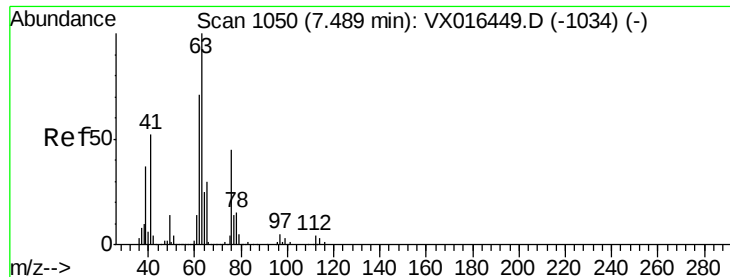


#44

Trichloroethene
 Concen: 48.942 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	198.2





#45

1,2-Dichloropropane

Concen: 48.501 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 63 Resp: 113555

Ion Ratio Lower Upper

63 100

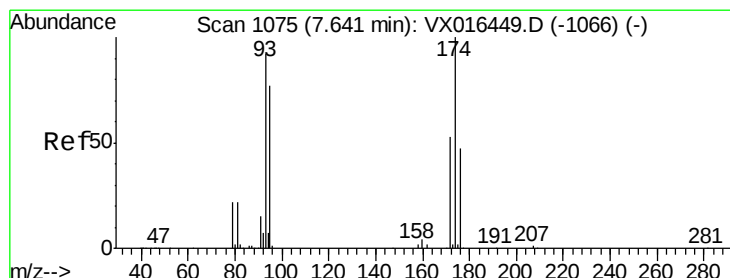
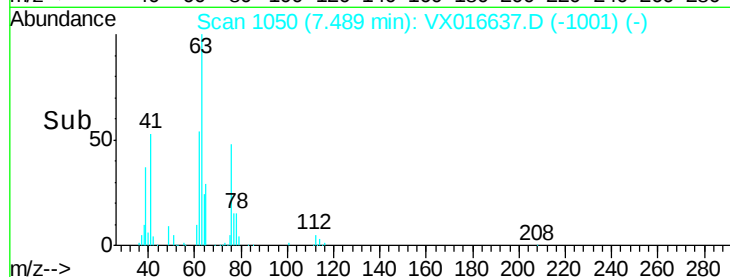
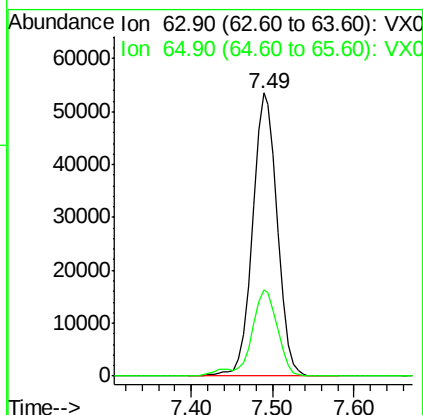
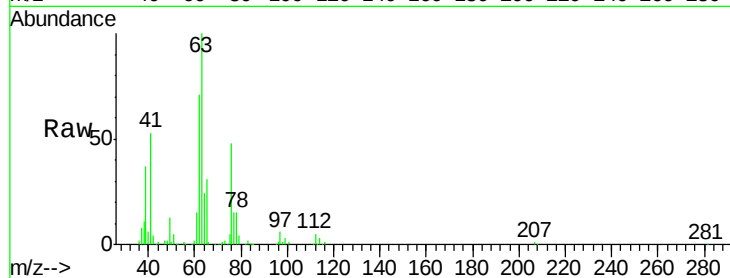
65 30.7 24.2 36.2

Manual Integrations

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6/9/2020 11:41:25 AM



#46

Dibromomethane

Concen: 50.526 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

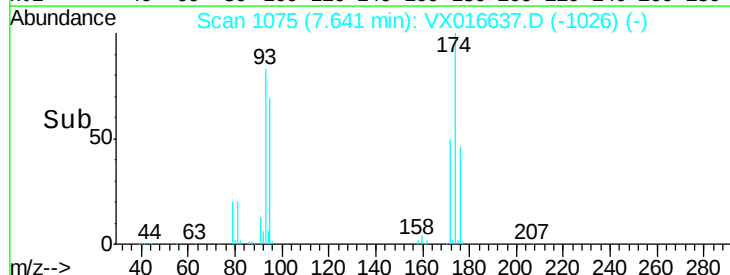
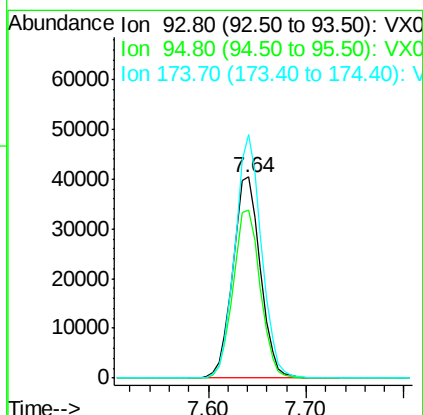
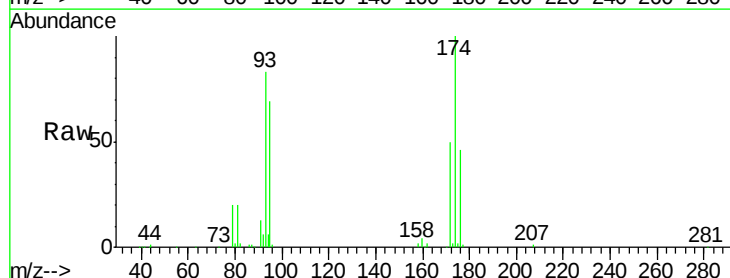
Tgt Ion: 93 Resp: 79456

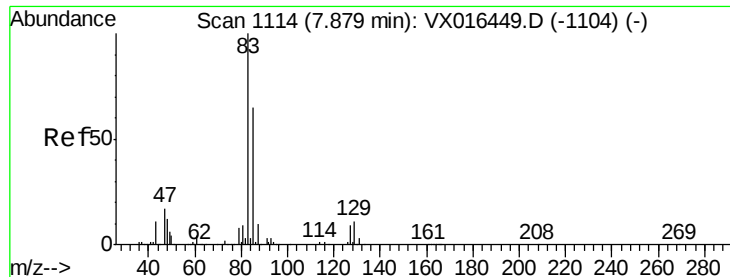
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 116.0 86.2 129.4





#47

Bromodichloromethane

Concen: 51.421 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

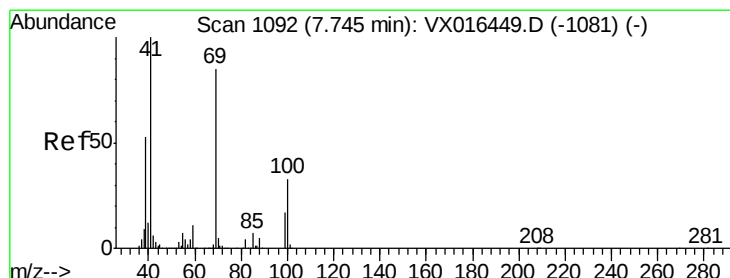
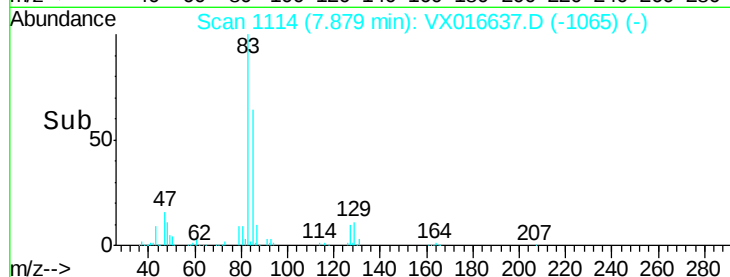
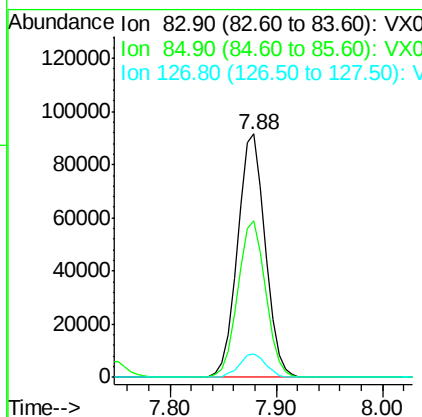
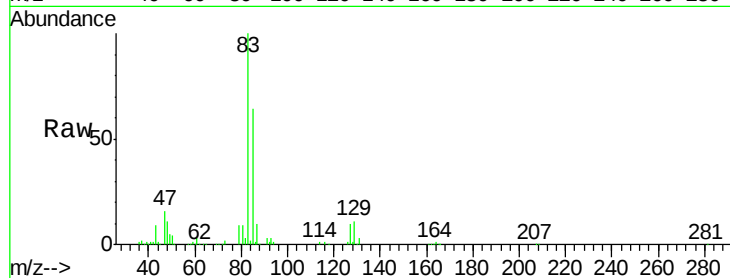
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	83	Resp:	167434
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0
127	9.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.395 ug/l

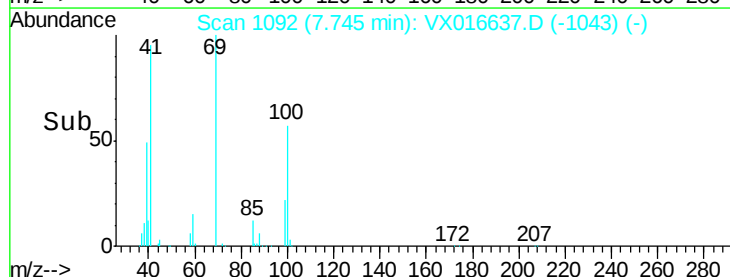
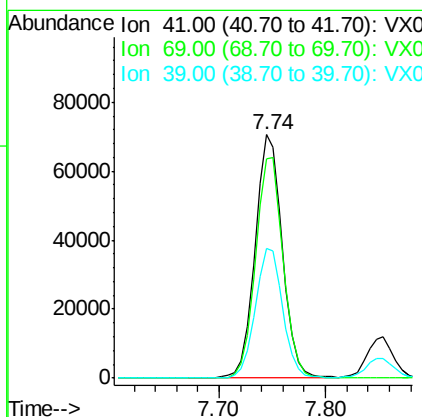
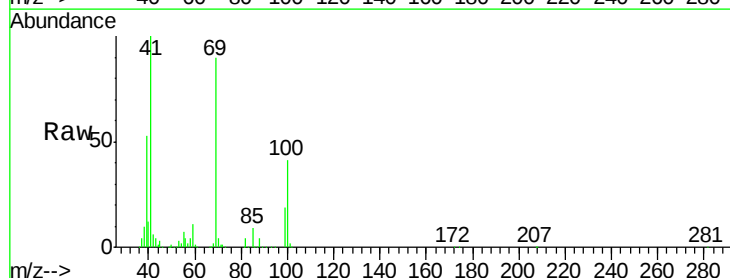
RT: 7.74 min Scan# 1092

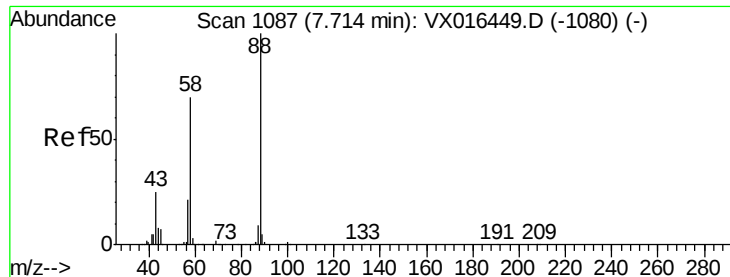
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	41	Resp:	125702
Ion	Ratio	Lower	Upper
41	100		
69	92.3	68.6	102.8
39	53.6	42.4	63.6





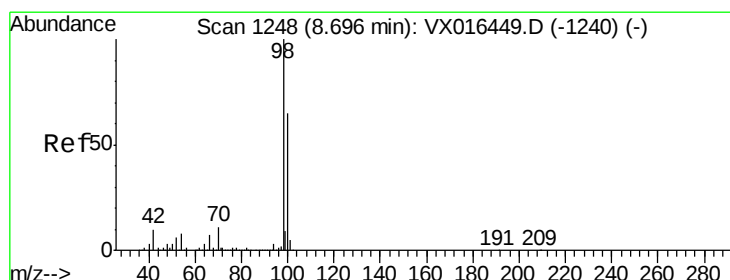
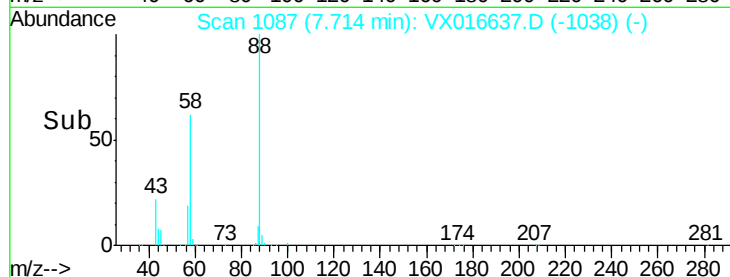
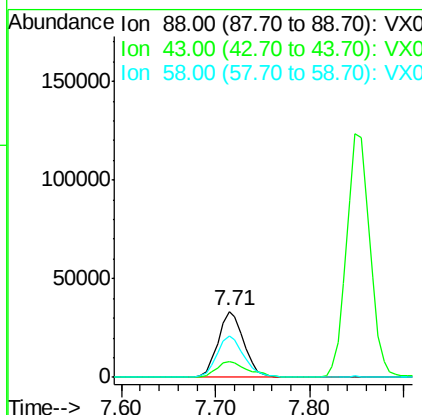
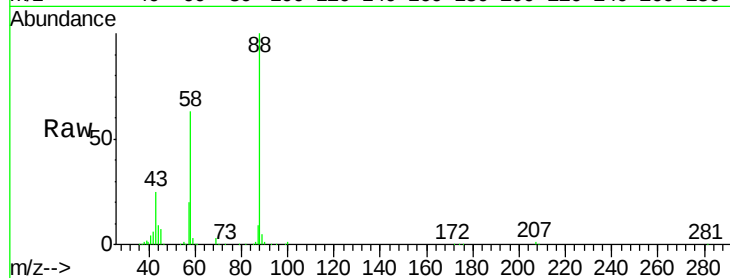
#49
1,4-Dioxane
Concen: 981.784 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	65.7	56.5	84.7

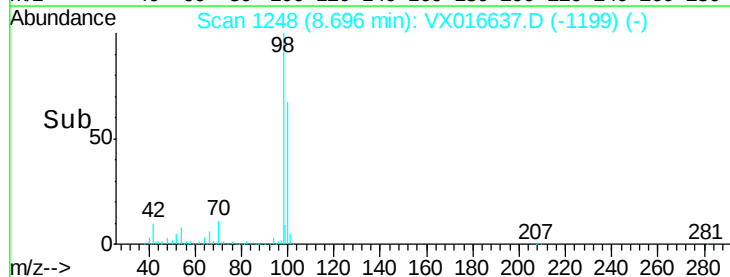
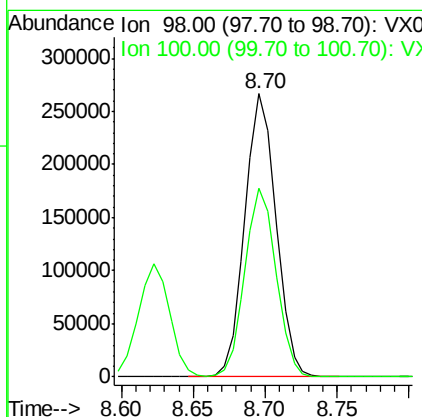
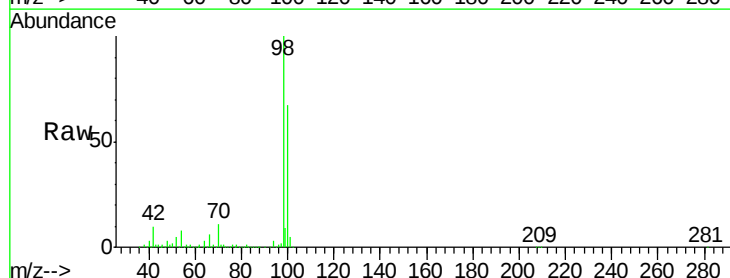
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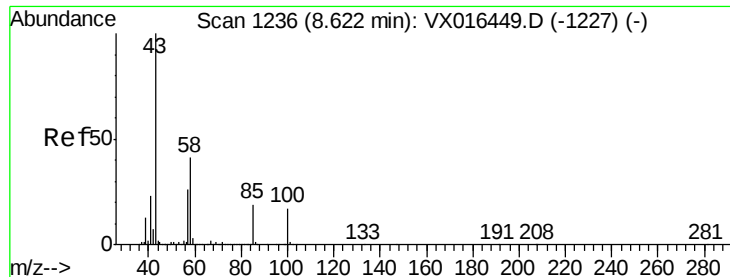
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#50
Toluene-d8
Concen: 51.185 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





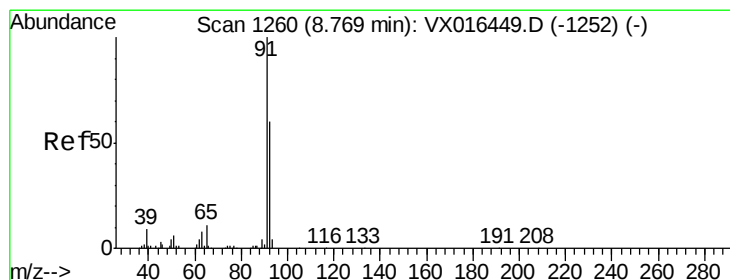
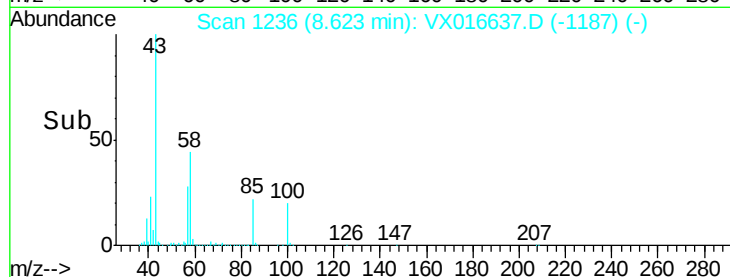
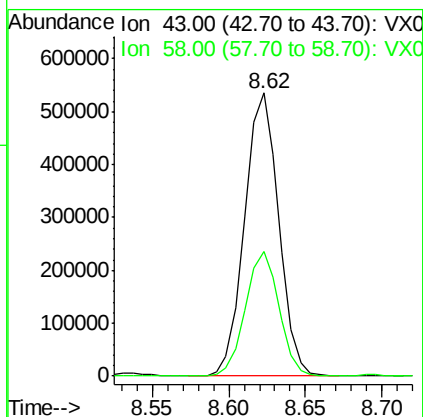
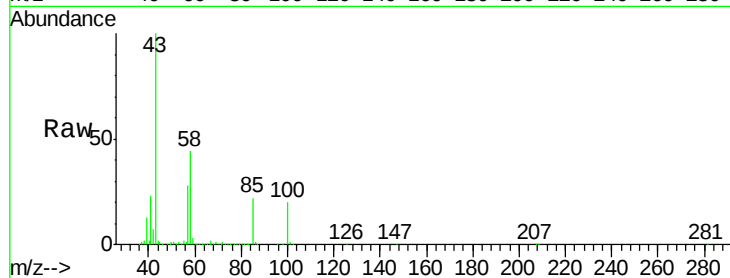
#51
4-Methyl-2-Pentanone
Concen: 230.502 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion: 43 Resp: 830057
Ion Ratio Lower Upper
43 100
58 43.4 33.0 49.6

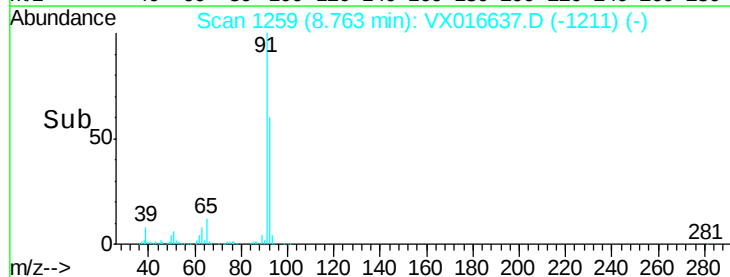
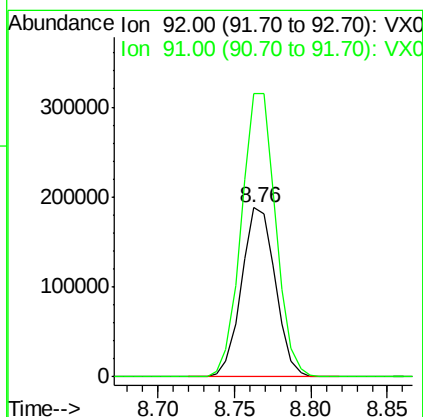
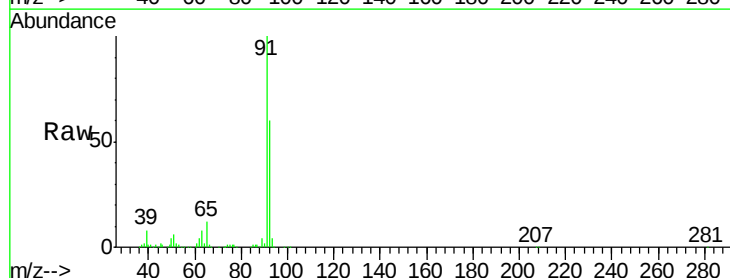
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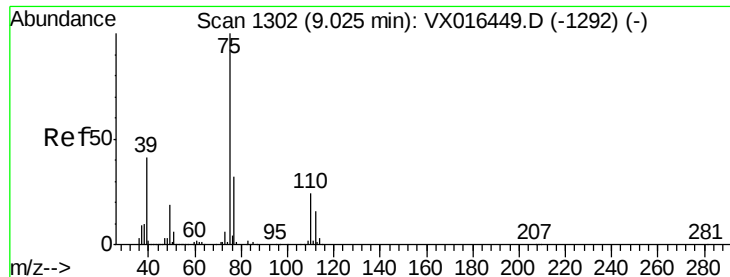
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#52
Toluene
Concen: 49.803 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 92 Resp: 288828
Ion Ratio Lower Upper
92 100
91 169.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.219 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 75 Resp: 189638

Ion Ratio Lower Upper

75 100

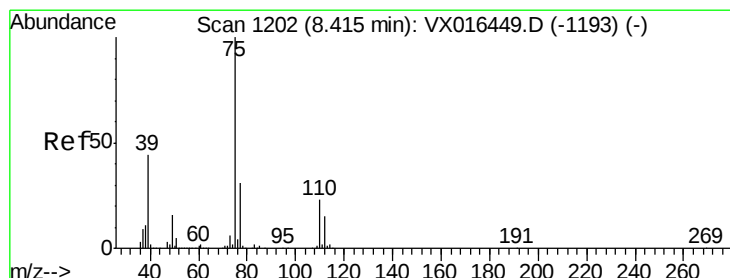
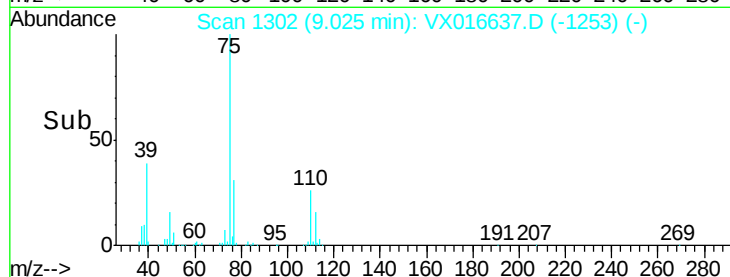
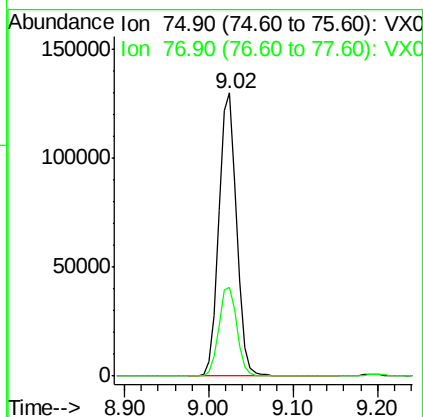
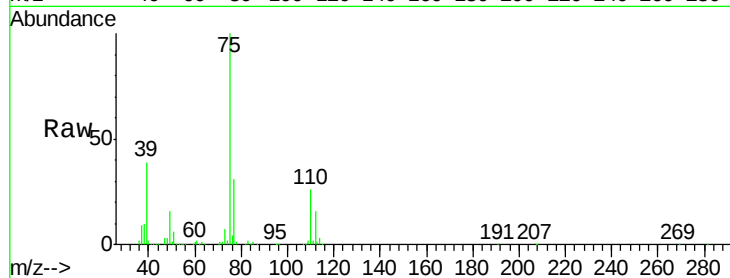
77 31.2 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 50.305 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

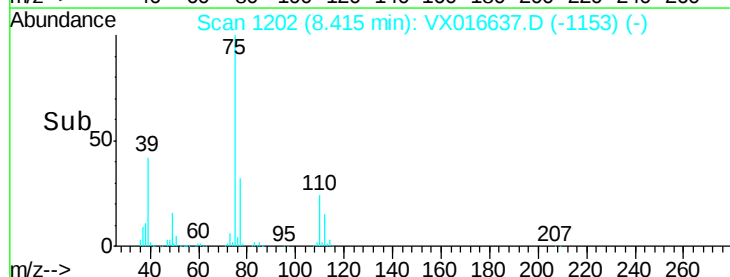
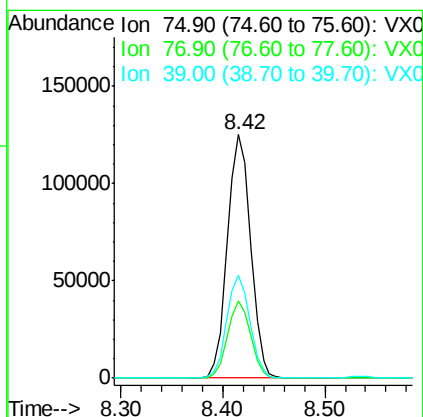
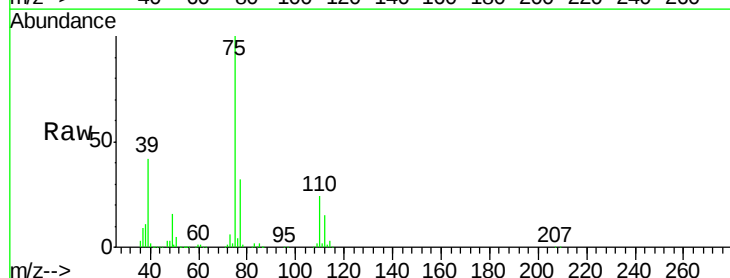
Tgt Ion: 75 Resp: 197147

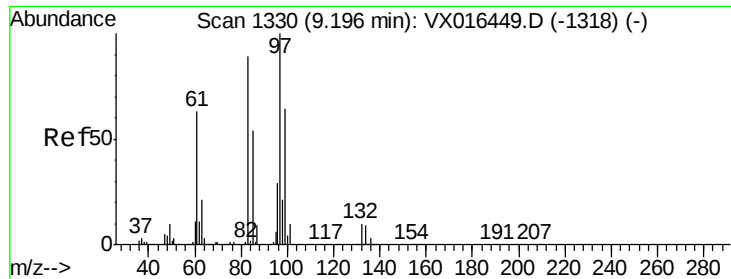
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 42.1 35.3 52.9





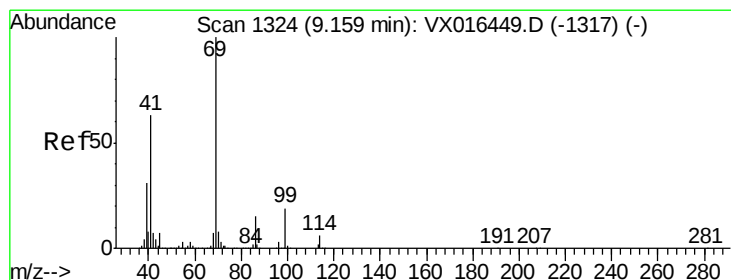
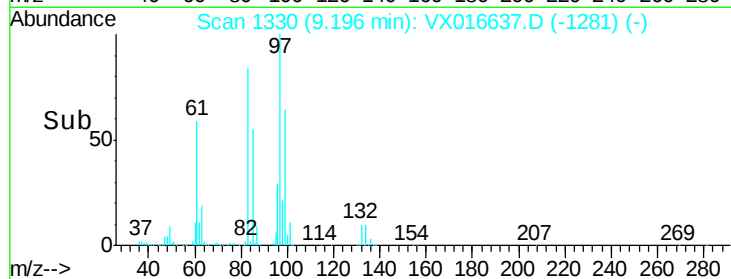
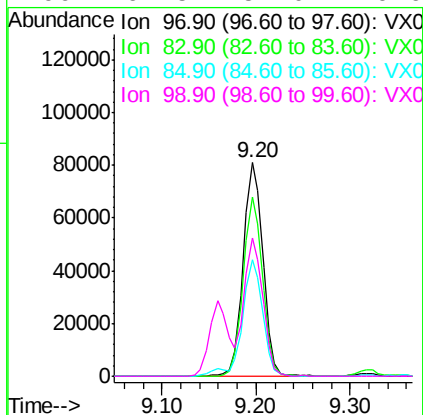
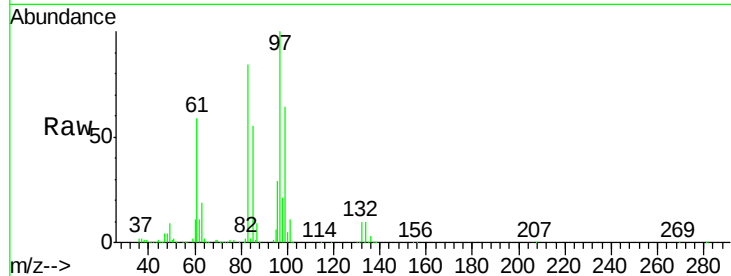
#55
 1,1,2-Trichloroethane
 Concen: 51.373 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118457		
83	83.7	70.9	106.3		
85	54.8	43.4	65.2		
99	64.5	51.0	76.6		

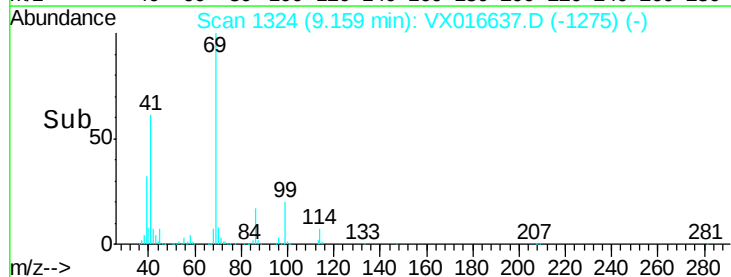
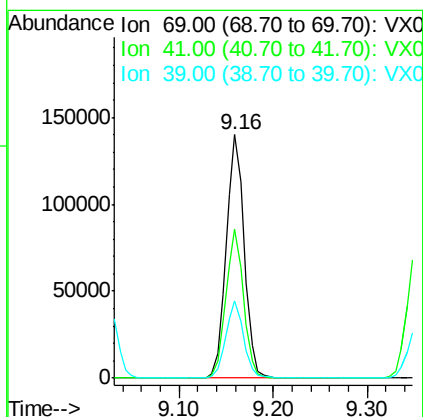
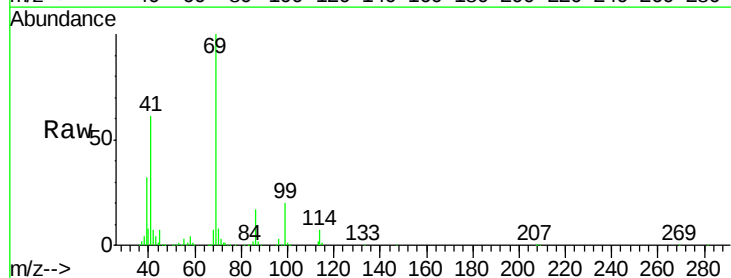
Manual Integrations
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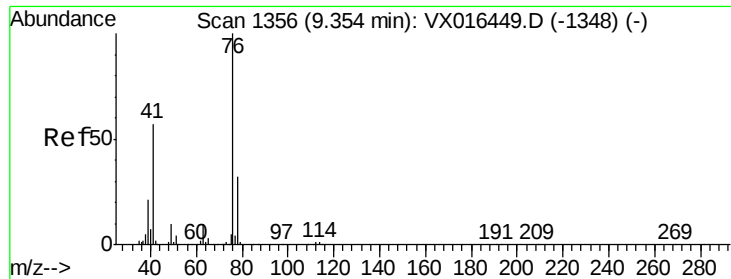
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 6/9/2020 11:41:25 AM



#56
 Ethyl methacrylate
 Concen: 49.228 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		184869		
41	60.3	50.7	76.1		
39	31.2	25.8	38.6		





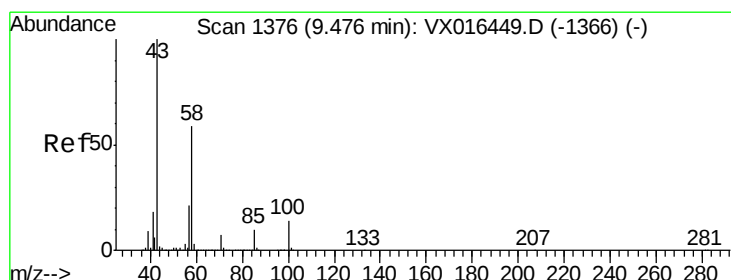
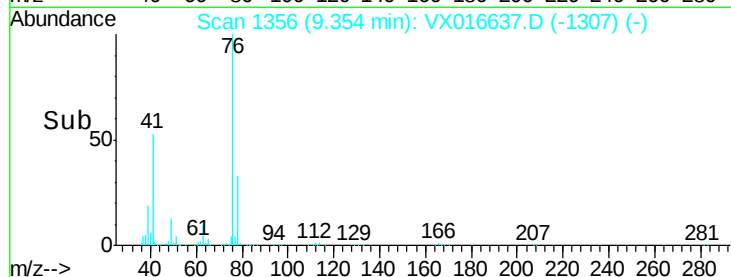
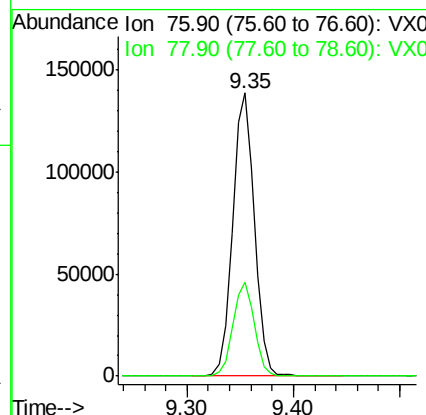
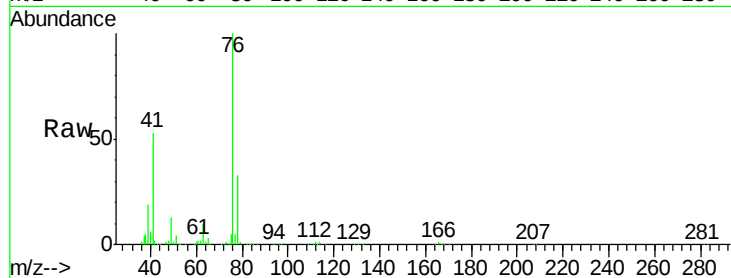
#57
 1,3-Dichloropropane
 Concen: 50.110 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

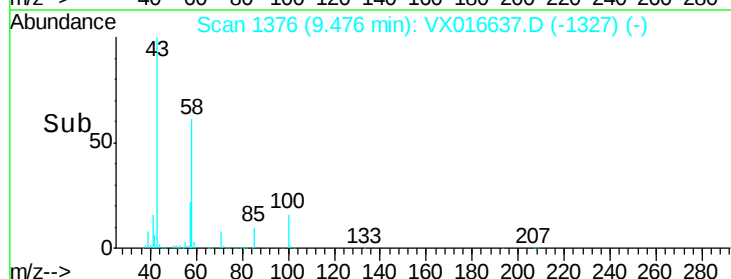
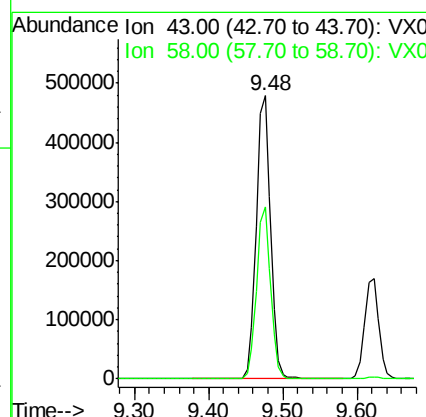
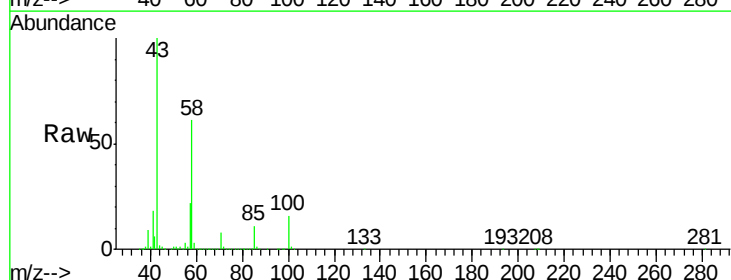
Manual Integrations
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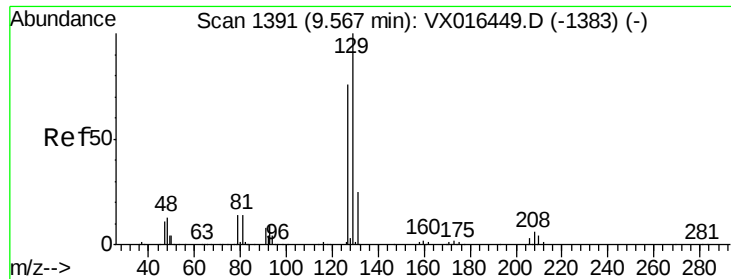
MMDadoda
 6/9/2020 11:41:25 AM



#59
 2-Hexanone
 Concen: 231.769 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.5	28.8	86.4





#60

Dibromochloromethane

Concen: 53.746 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:129 Resp: 139464

Ion Ratio Lower Upper

129 100

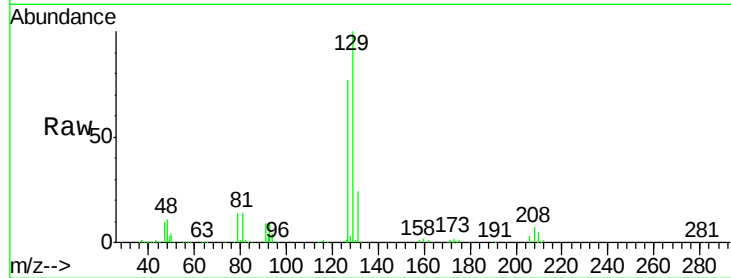
127 78.5 38.6 116.0

Manual Integrations

APPROVED

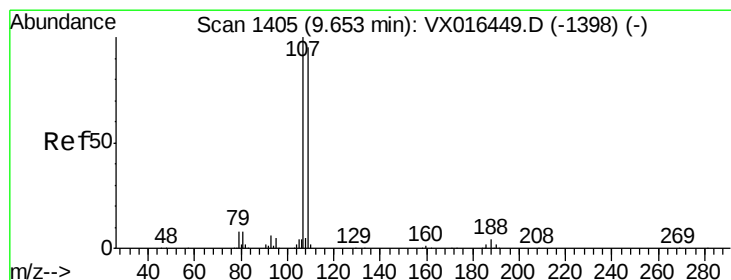
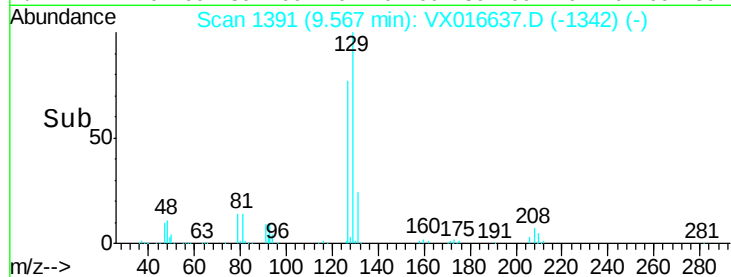
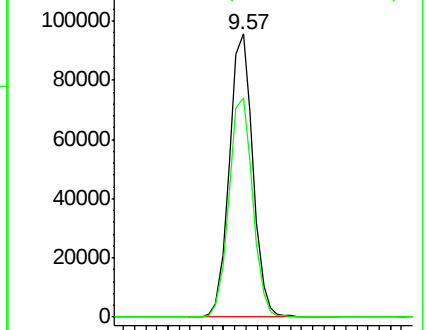
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.188 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016637.D

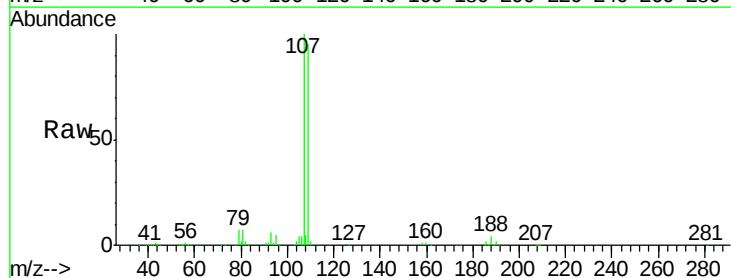
Acq: 08 Jun 2020 14:43

Tgt Ion:107 Resp: 128864

Ion Ratio Lower Upper

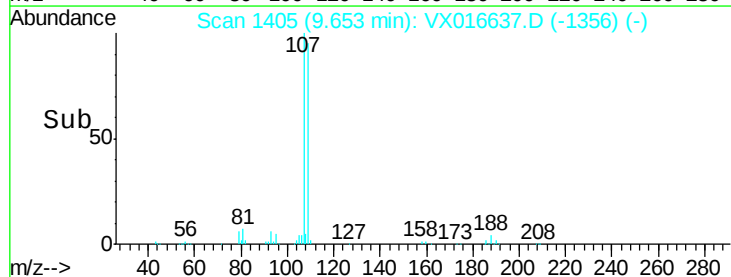
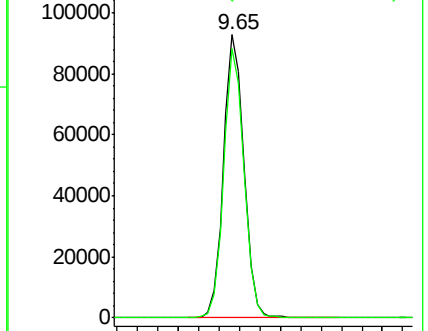
107 100

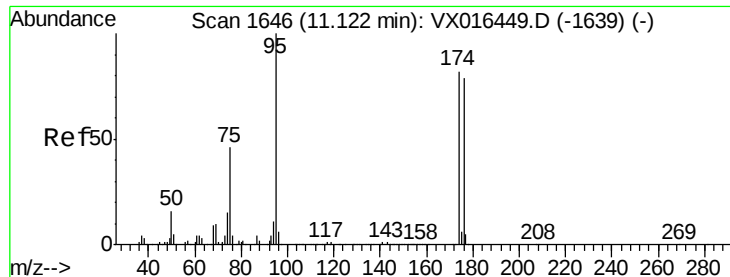
109 94.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.027 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

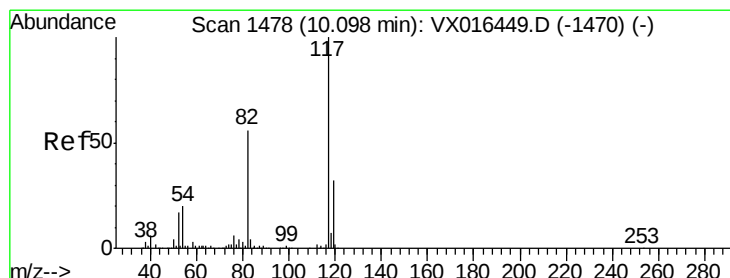
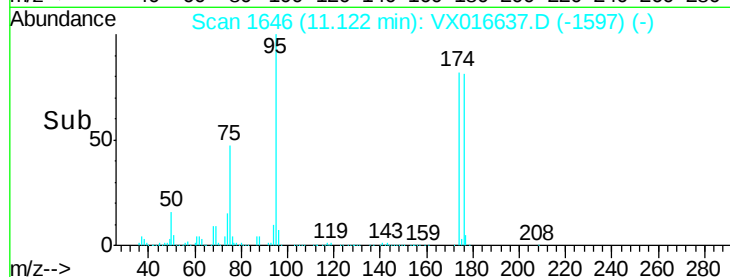
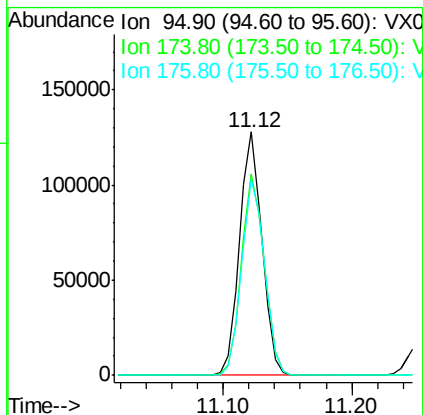
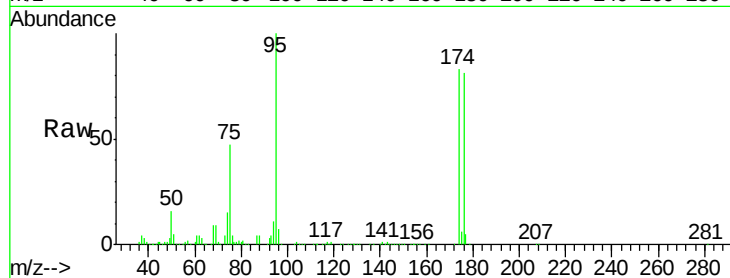
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	95	Resp:	154128
Ion Ratio	Lower	Upper	
95	100		
174	84.0	0.0	163.0
176	82.2	0.0	156.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

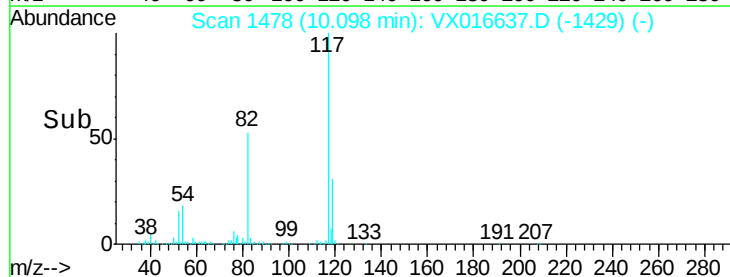
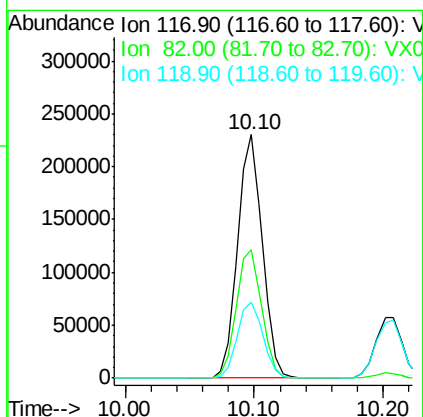
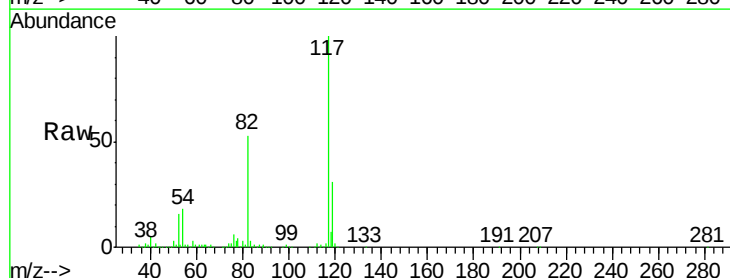
RT: 10.10 min Scan# 1478

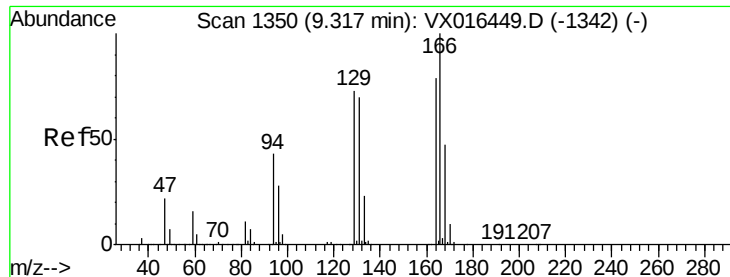
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	117	Resp:	306647
Ion Ratio	Lower	Upper	
117	100		
82	52.9	45.0	67.6
119	31.1	25.8	38.8





#64

Tetrachloroethene

Concen: 49.410 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:164 Resp: 169512

Ion Ratio Lower Upper

164 100

166 125.8 100.9 151.3

129 91.1 73.2 109.8

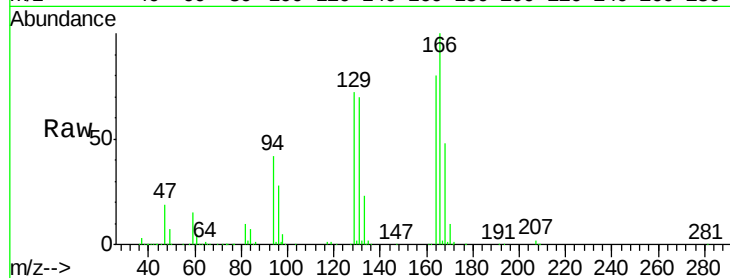
131 88.3 70.8 106.2

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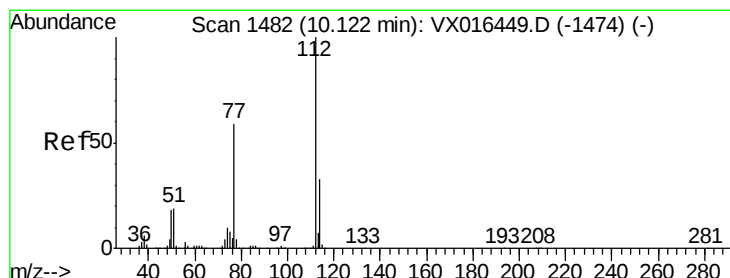
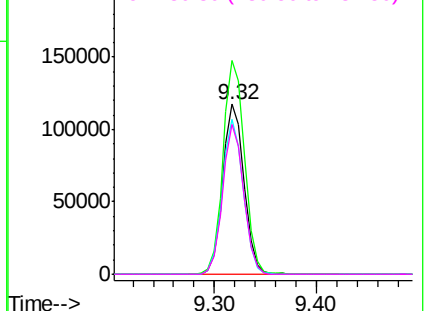
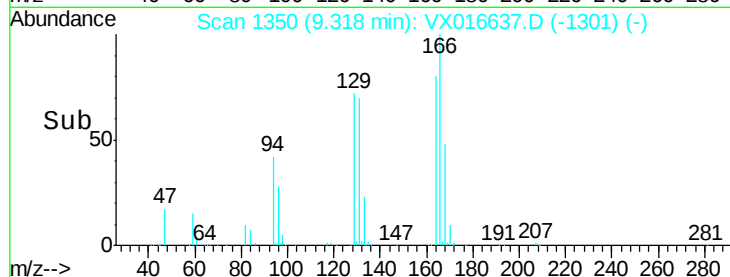


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.560 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016637.D

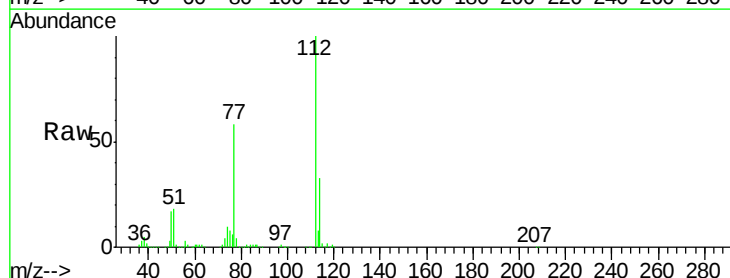
Acq: 08 Jun 2020 14:43

Tgt Ion:112 Resp: 316086

Ion Ratio Lower Upper

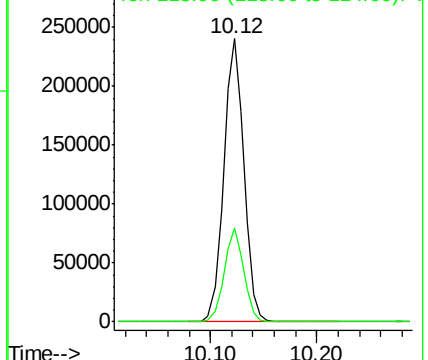
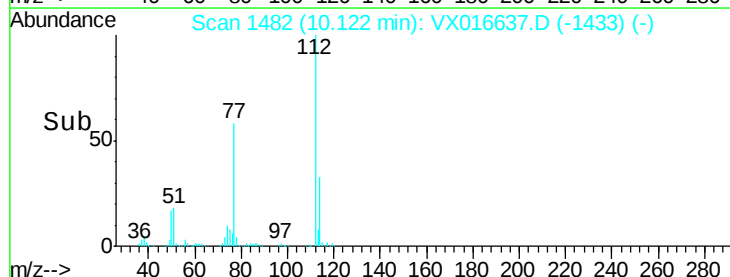
112 100

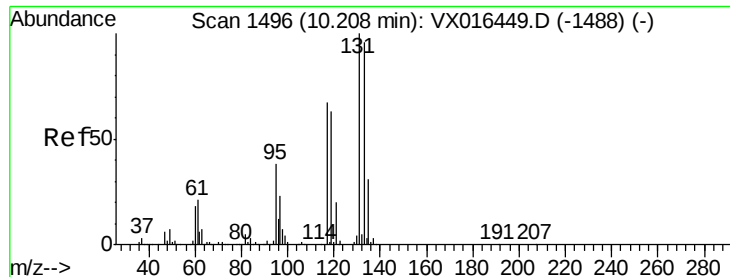
114 33.1 26.0 39.0



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: 53.114 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

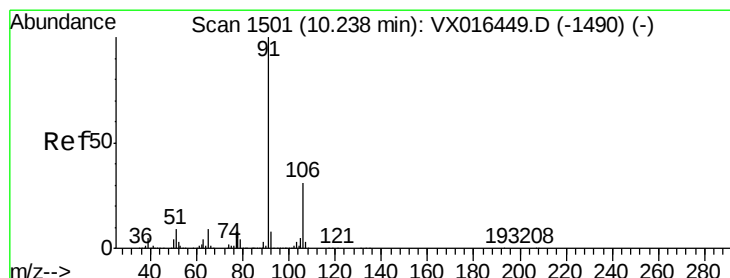
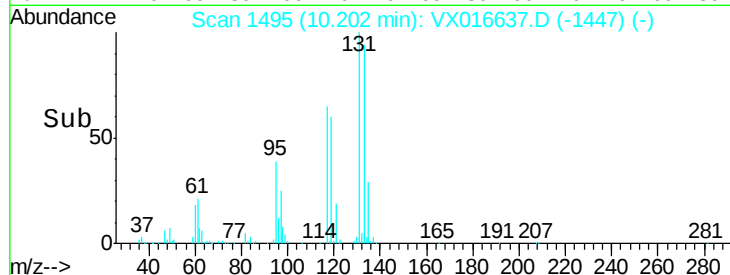
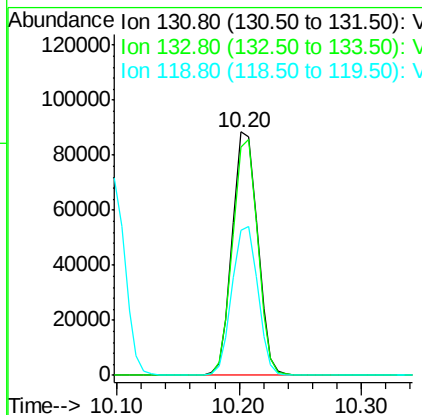
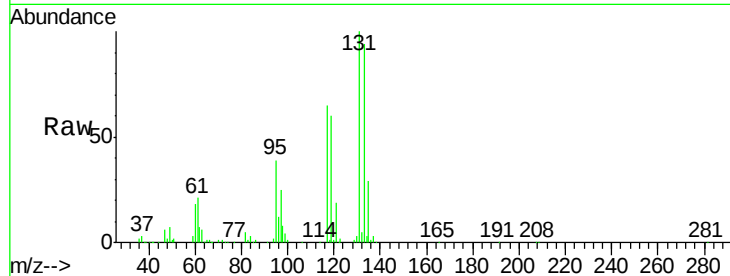
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	131	Resp:	126754
Ion Ratio	Lower	Upper	
131	100		
133	95.9	48.4	145.3
119	62.3	32.0	96.2

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#67

Ethyl Benzene

Concen: 49.736 ug/l

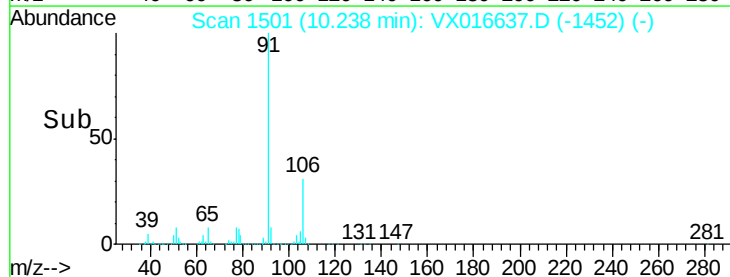
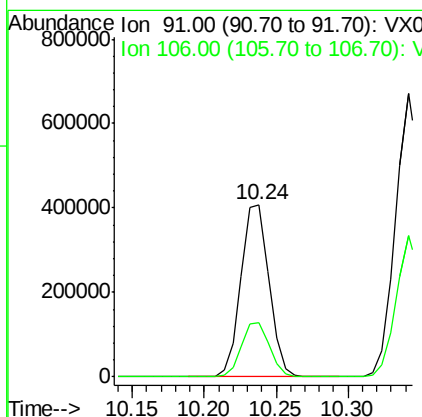
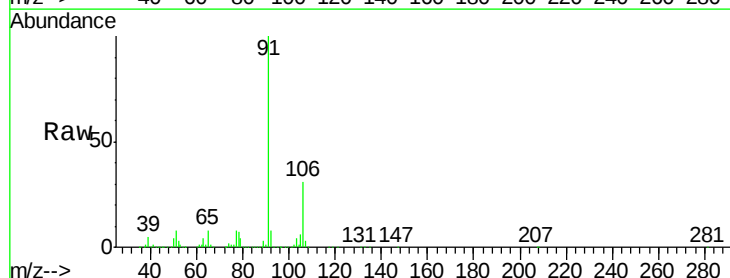
RT: 10.24 min Scan# 1501

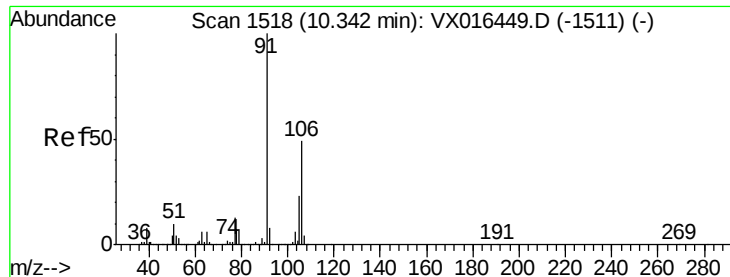
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	91	Resp:	553599
Ion Ratio	Lower	Upper	
91	100		
106	31.5	25.0	37.4





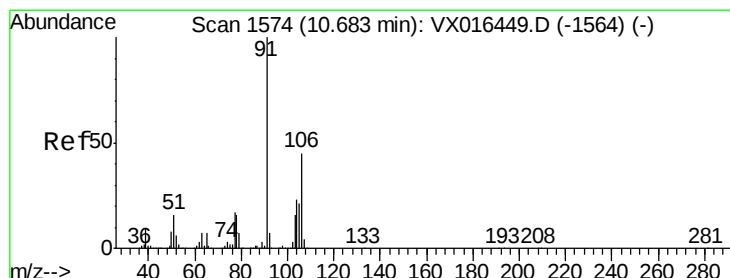
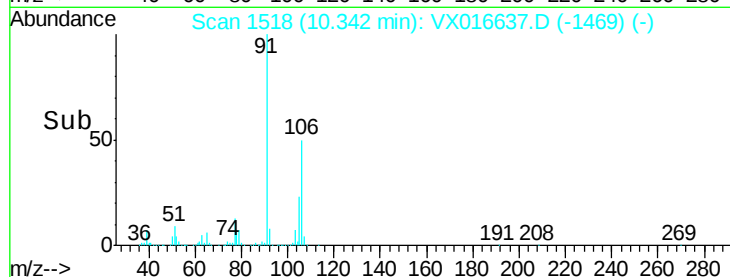
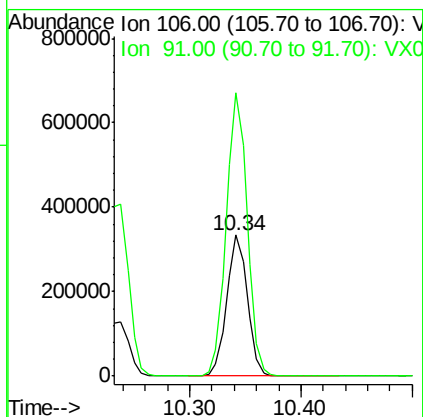
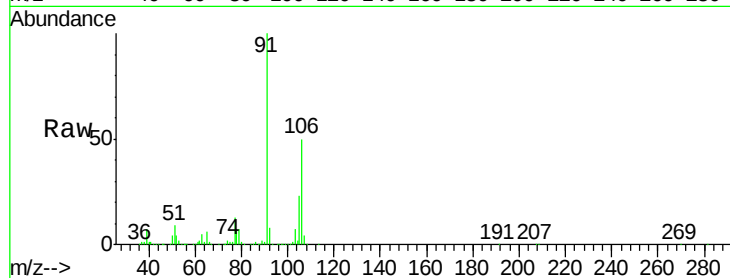
#68
m/p-Xylenes
Concen: 103.958 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion:106 Resp: 429026
Ion Ratio Lower Upper
106 100
91 203.6 163.8 245.8

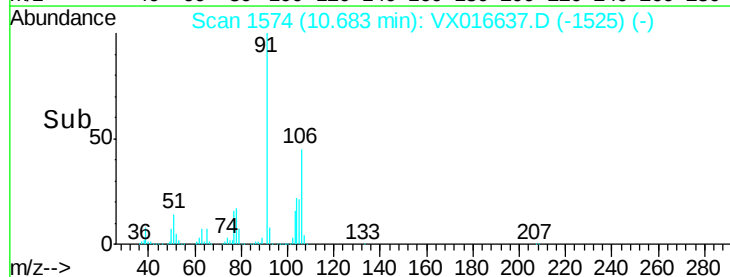
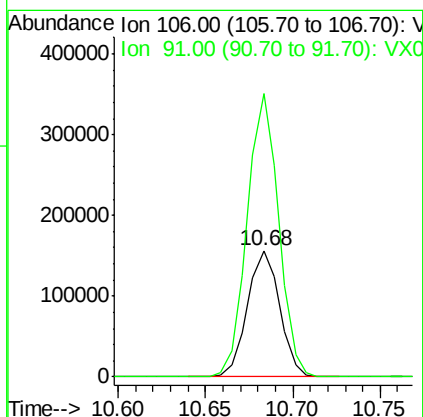
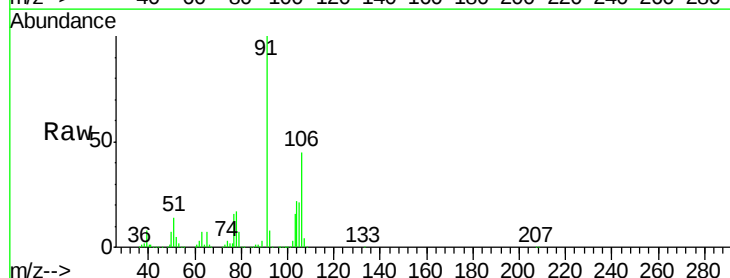
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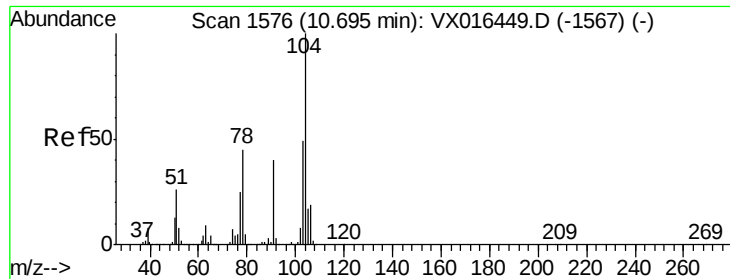
MMDadoda
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#69
o-Xylene
Concen: 50.422 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion:106 Resp: 201522
Ion Ratio Lower Upper
106 100
91 218.2 109.6 328.8





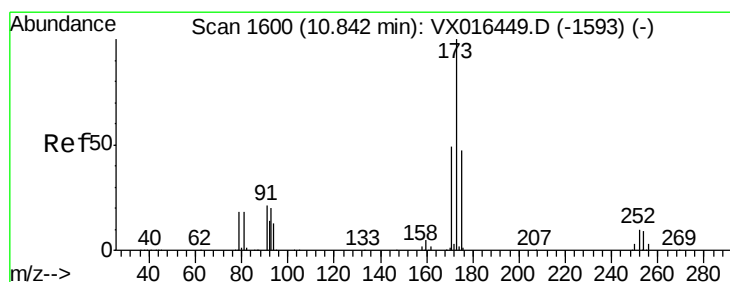
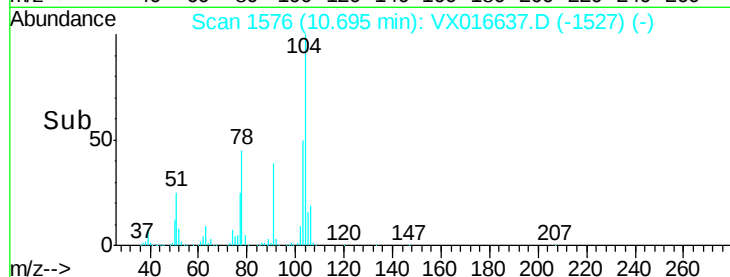
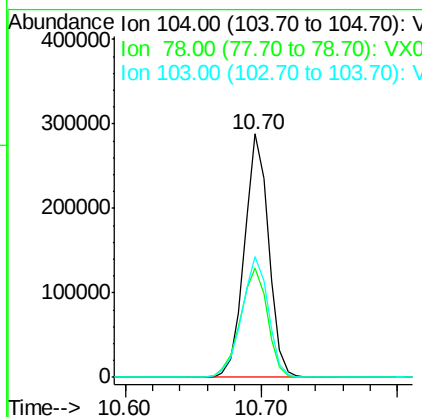
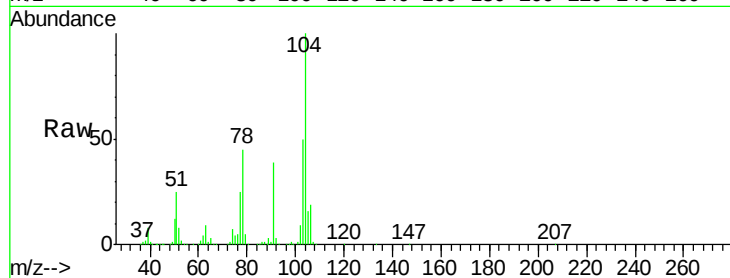
#70
Stvrene
Concen: 52.093 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	357868		
78	50.8		40.2	60.2
103	54.6		43.1	64.7

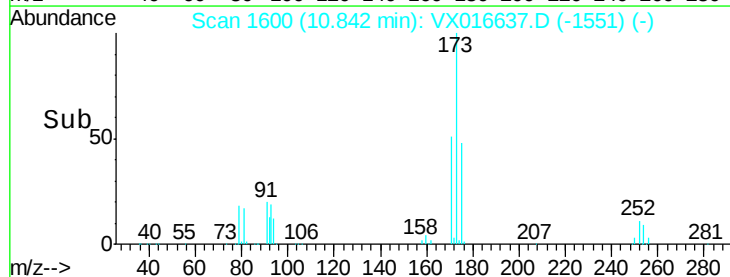
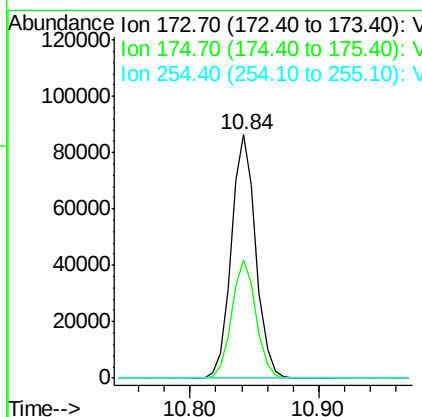
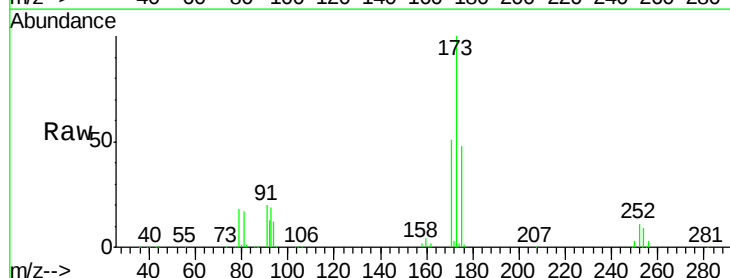
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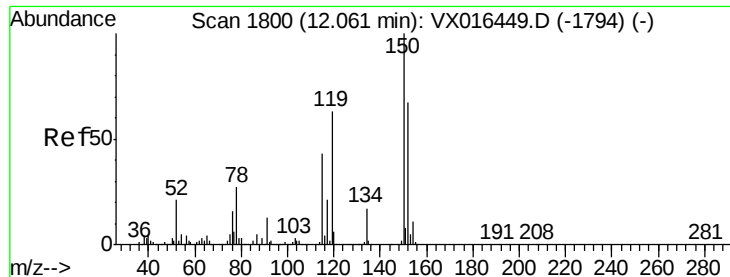
MMDadoda
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#71
Bromoform
Concen: 56.496 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	113945		
175	48.2		23.9	71.7
254	0.1		0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

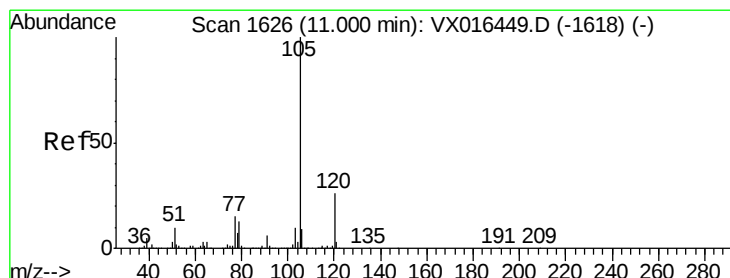
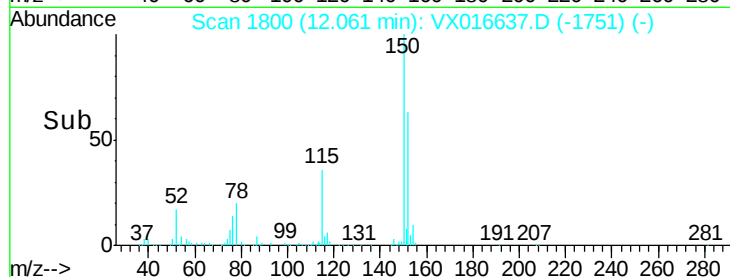
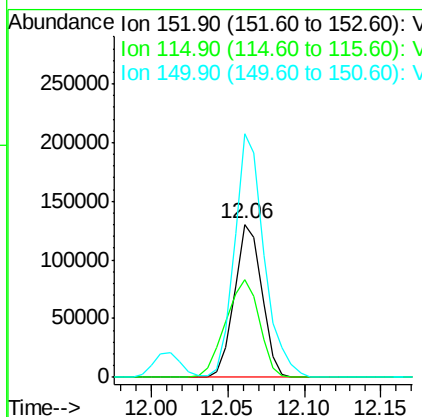
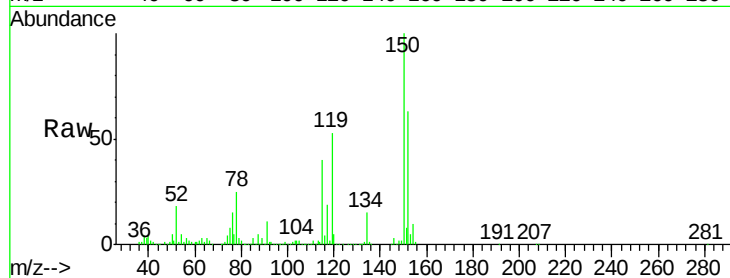
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	152	Resp:	161571
Ion Ratio	Lower	Upper	
152	100		
115	79.1	39.9	119.6
150	172.3	0.0	341.0

Manual Integrations
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6/9/2020 11:41:25 AM



#73

Isopropylbenzene

Concen: 48.613 ug/l

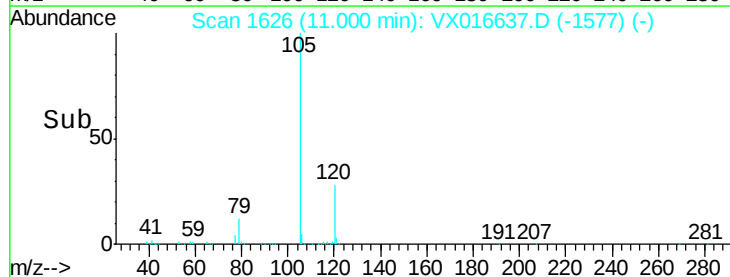
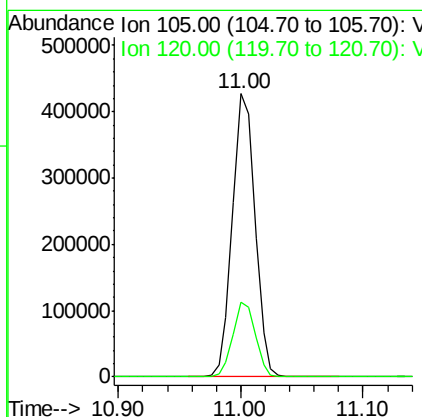
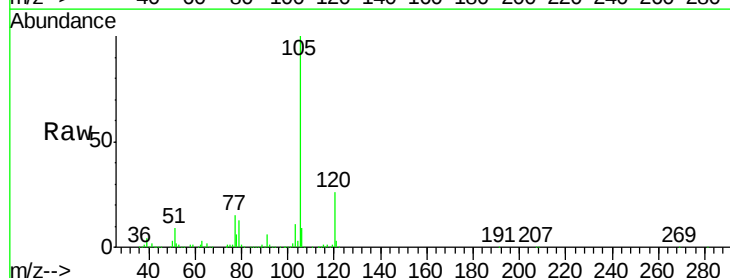
RT: 11.00 min Scan# 1626

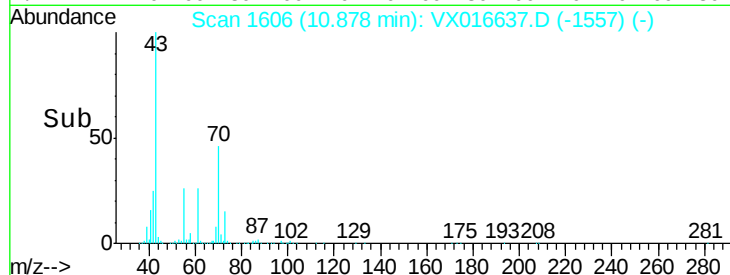
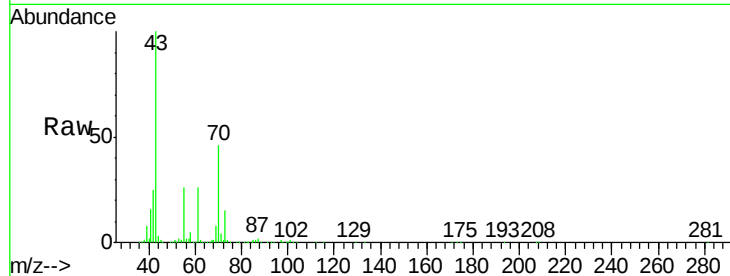
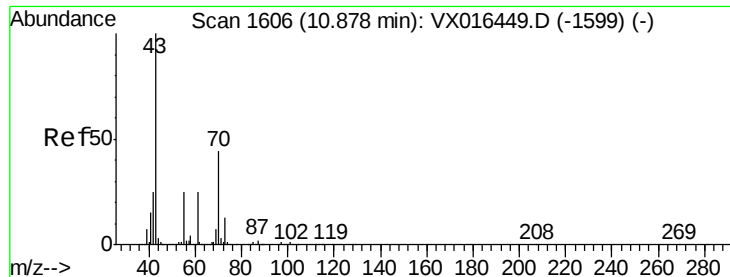
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	105	Resp:	544218
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.1	39.3





#74

N-amvl acetate

Concen: 41.405 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tot Ion	Ion	Ratio	Lower	Upper
213212	43	100		
	70	48.3	36.1	54.1
	55	26.4	20.2	30.4
	61	26.9	20.3	30.5

Instrument :

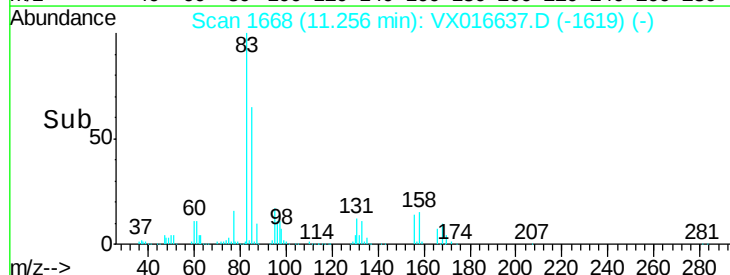
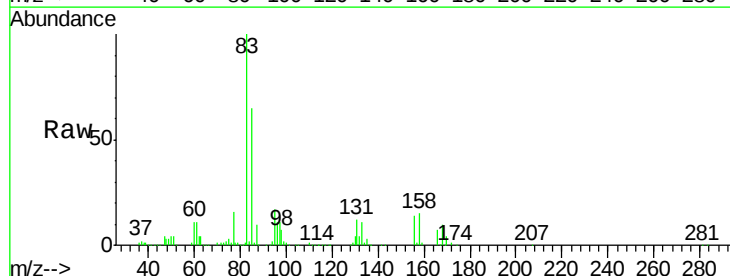
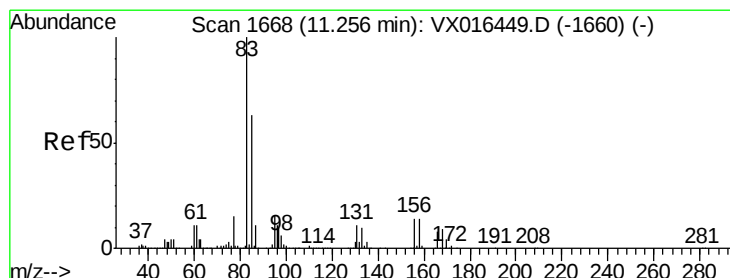
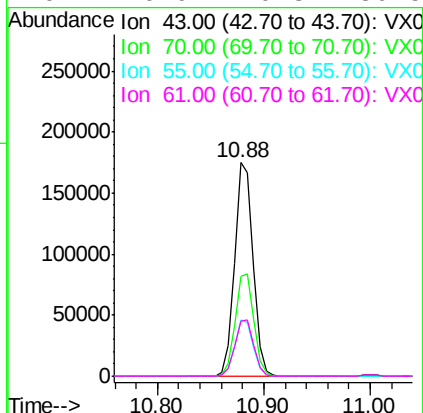
MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.045 ug/l

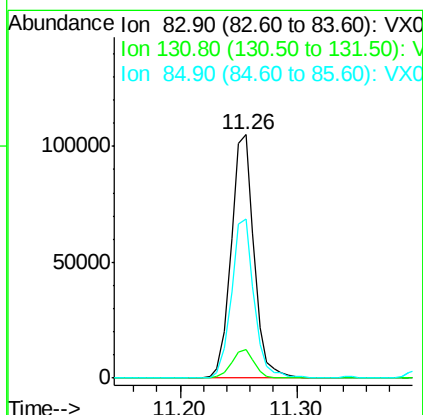
RT: 11.26 min Scan# 1668

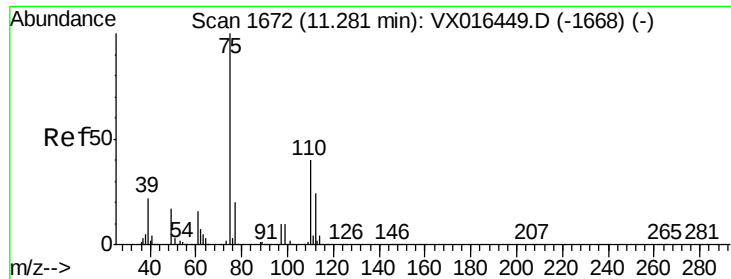
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
143216	83	100		
	131	11.7	5.1	15.3
	85	65.0	32.0	96.2





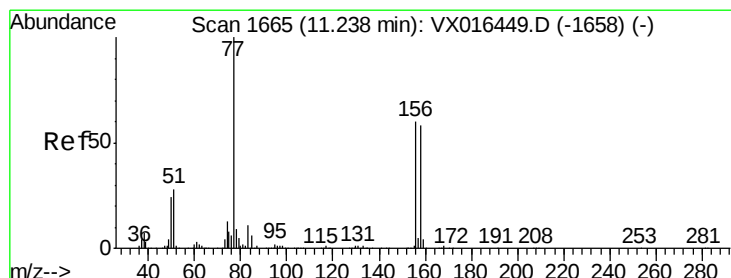
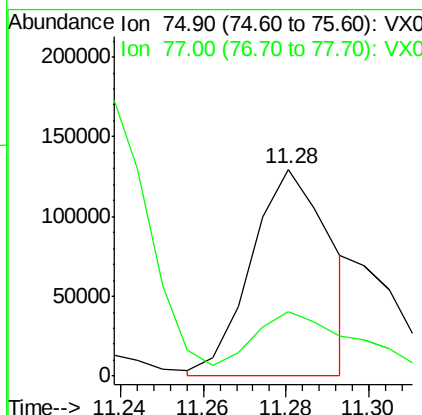
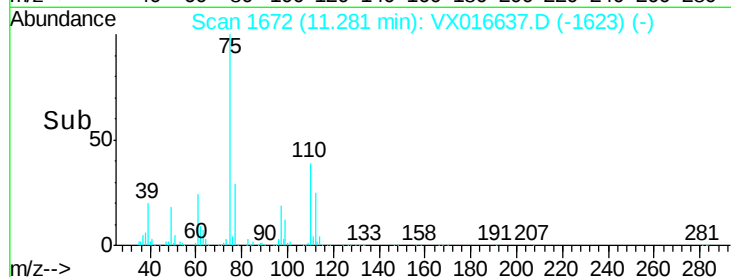
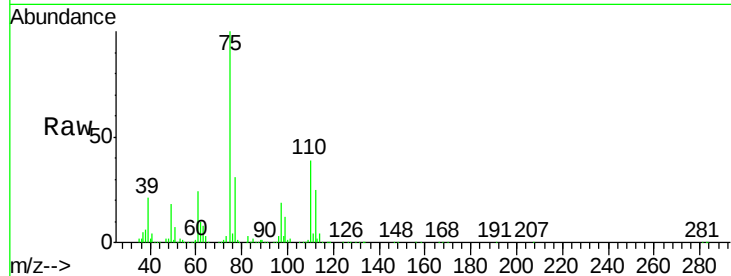
#76
1,2,3-Trichloropropane
Concen: 47.924 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion: 75 Resp: 170198
Ion Ratio Lower Upper
75 100
77 41.9 21.3 63.7

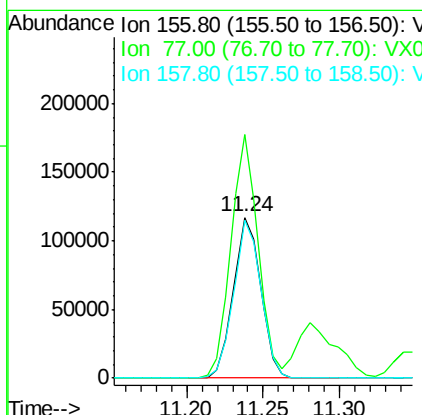
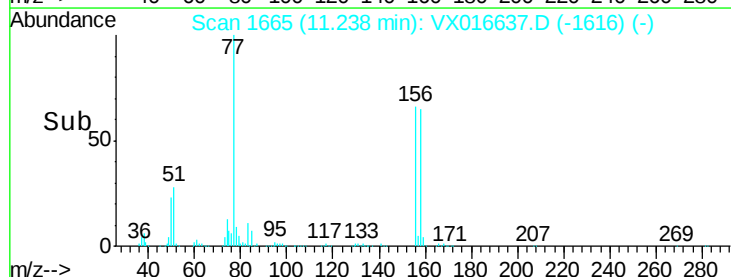
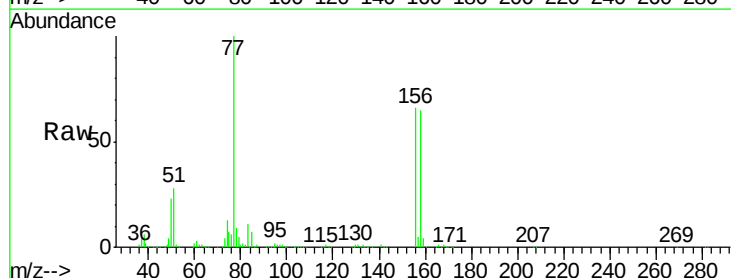
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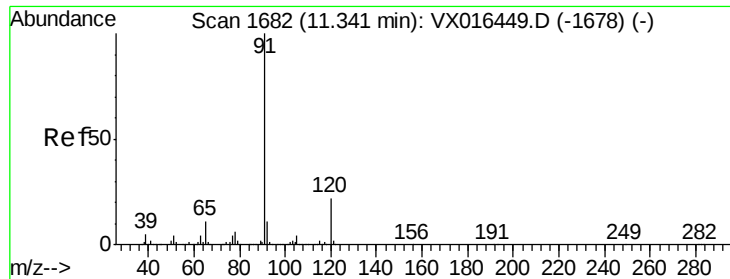
MMDadoda
6/9/2020 11:41:25 AM



#77
Bromobenzene
Concen: 49.557 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 156 Resp: 145509
Ion Ratio Lower Upper
156 100
77 150.3 79.6 238.8
158 98.0 48.1 144.4





#78

n-propylbenzene

Concen: 48.265 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion: 91 Resp: 603662

Ion Ratio Lower Upper

91 100

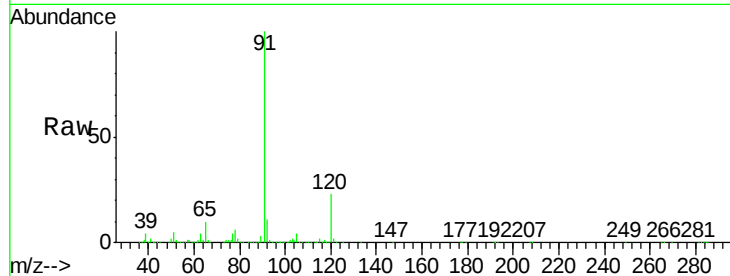
120 23.7 11.6 34.7

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

500000

400000

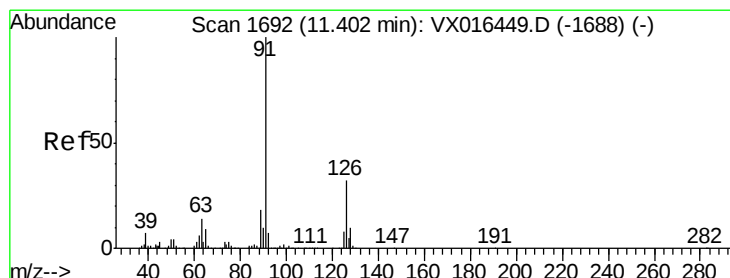
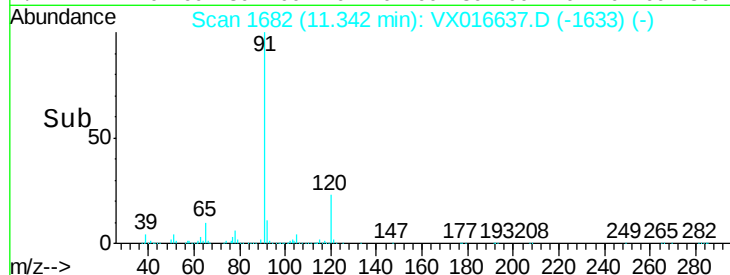
300000

200000

100000

0

Time-->



#79

2-Chlorotoluene

Concen: 48.900 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016637.D

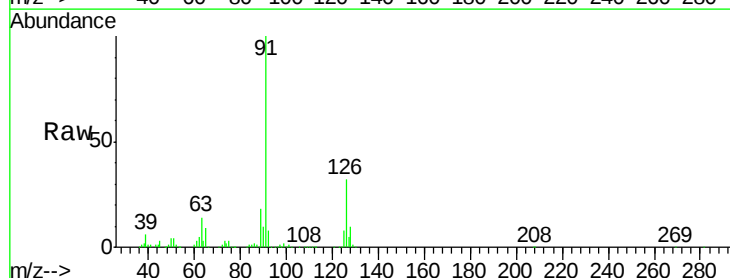
Acq: 08 Jun 2020 14:43

Tgt Ion: 91 Resp: 373323

Ion Ratio Lower Upper

91 100

126 34.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.40

500000

400000

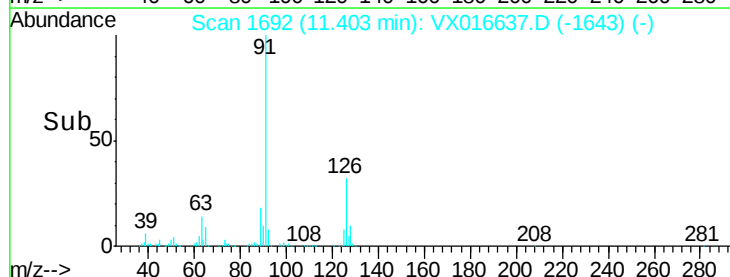
300000

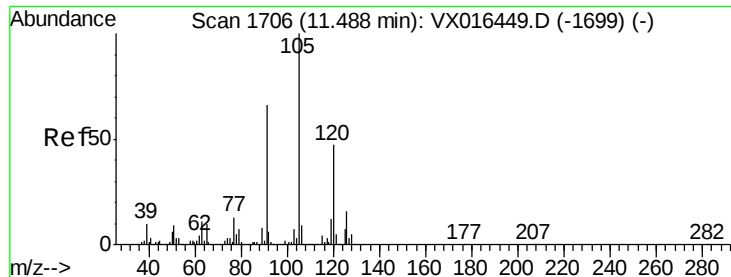
200000

100000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 49.862 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:105 Resp: 466094

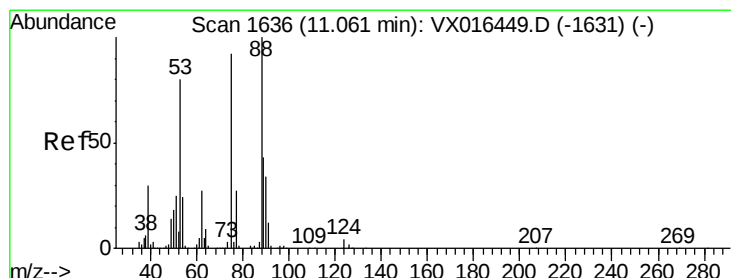
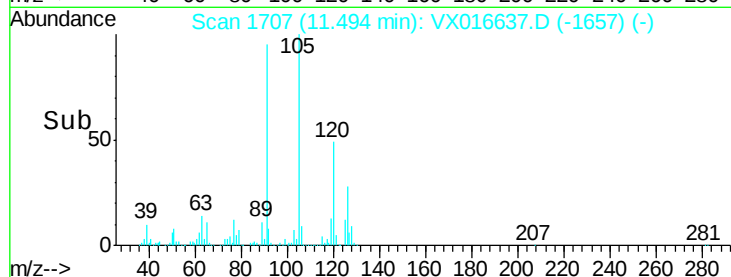
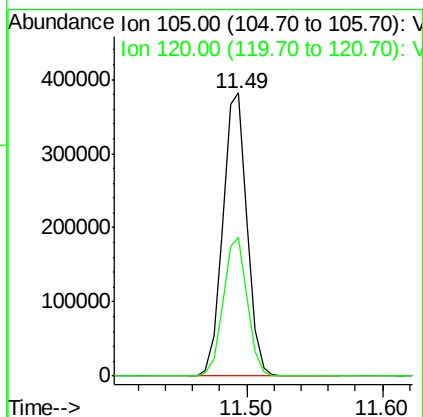
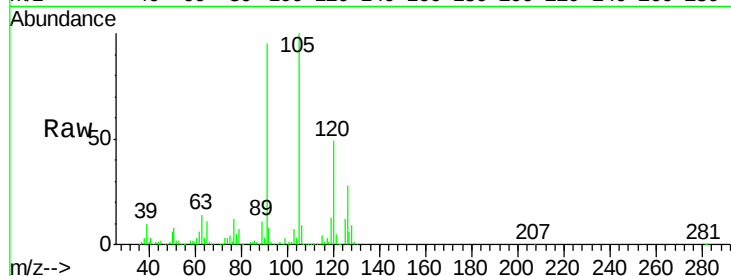
Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

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#81

trans-1,4-Dichloro-2-butene

Concen: 46.874 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

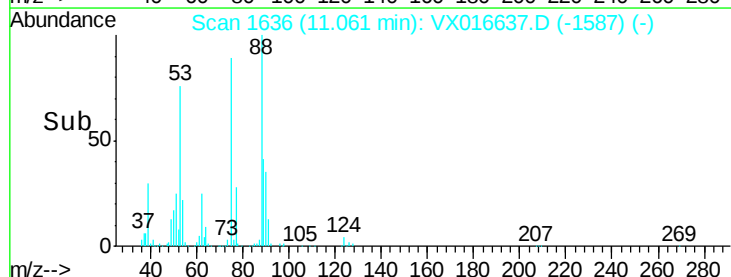
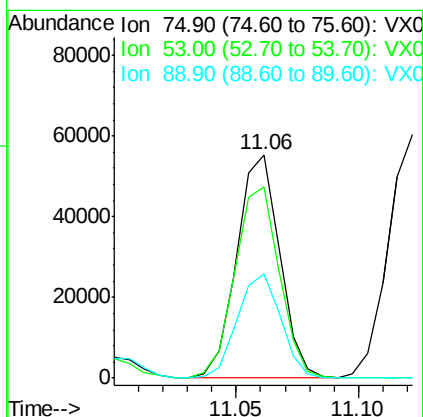
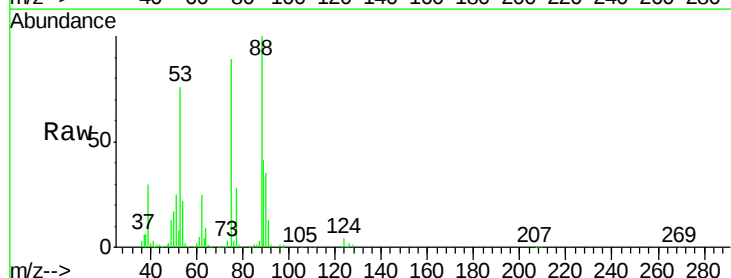
Tgt Ion: 75 Resp: 67674

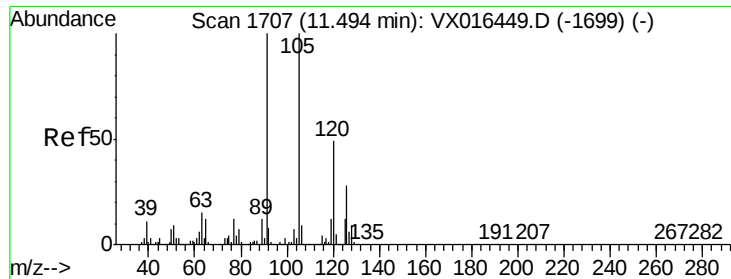
Ion Ratio Lower Upper

75 100

53 88.3 71.3 106.9

89 47.5 36.6 55.0





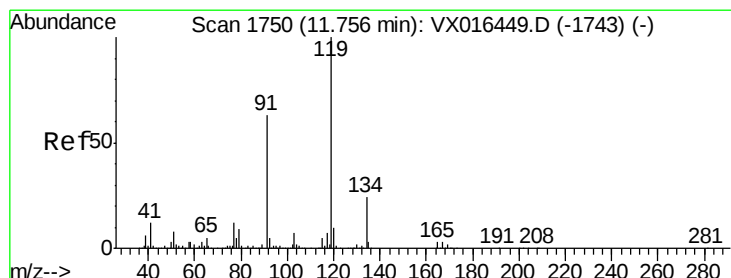
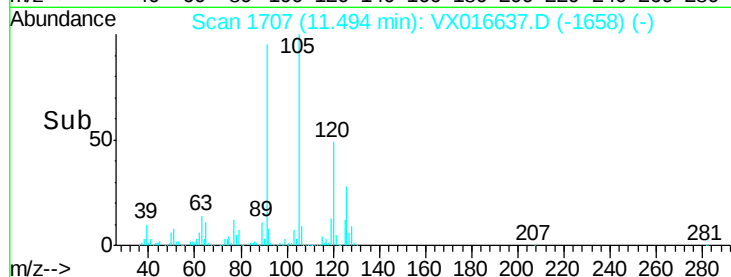
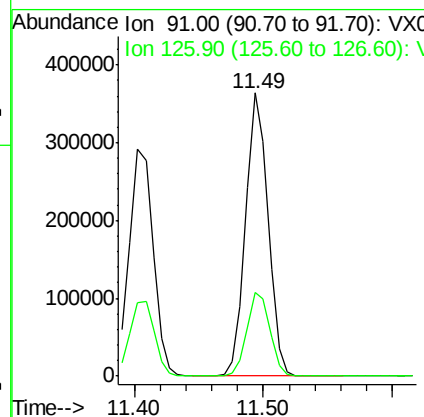
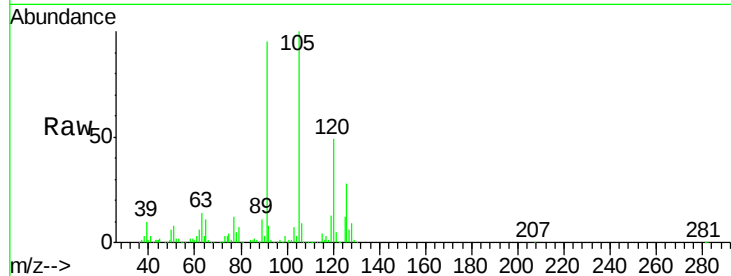
#82
4-Chlorotoluene
Concen: 48.709 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	439131		
126	30.3	14.7	44.1	

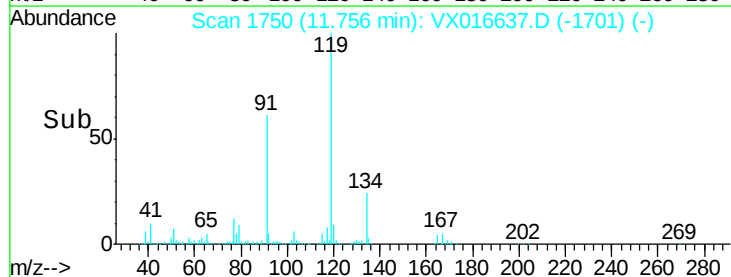
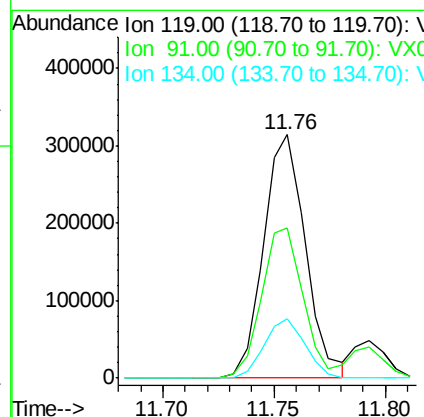
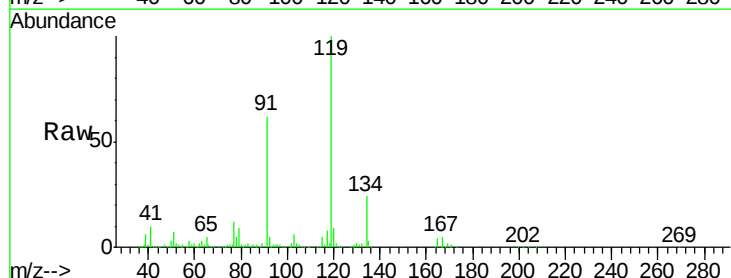
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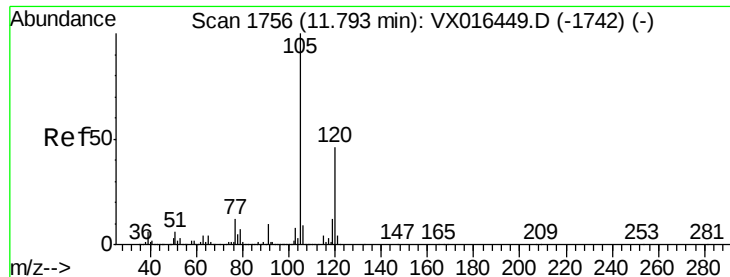
MMDadoda
6/9/2020 11:41:25 AM



#83
tert-Butylbenzene
Concen: 51.425 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	410735		
91	60.7	31.3	93.8	
134	23.5	12.0	36.0	





#84

1,2,4-Trimethylbenzene

Concen: 50.216 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:105 Resp: 474713

Ion Ratio Lower Upper

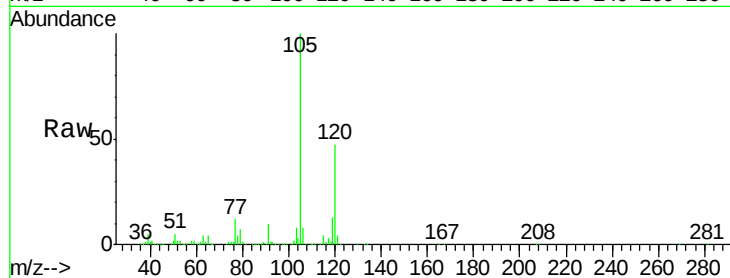
105 100

120 45.3 22.6 67.7

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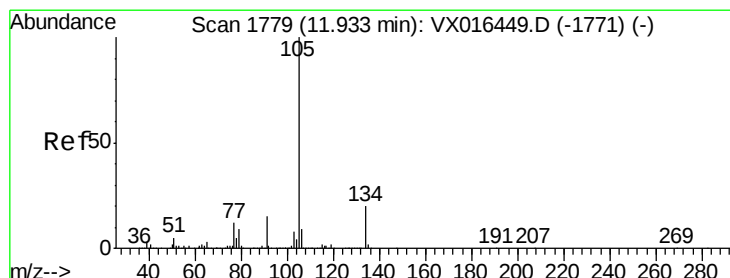
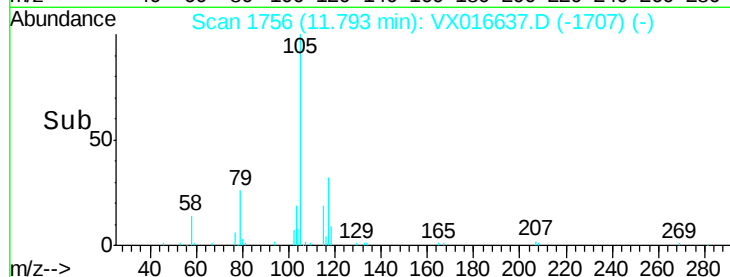
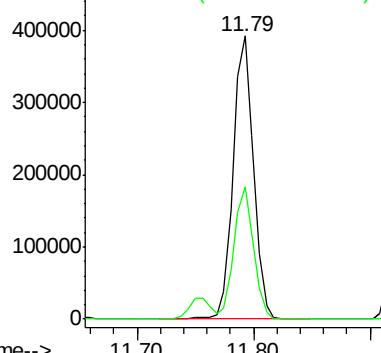
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 49.280 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016637.D

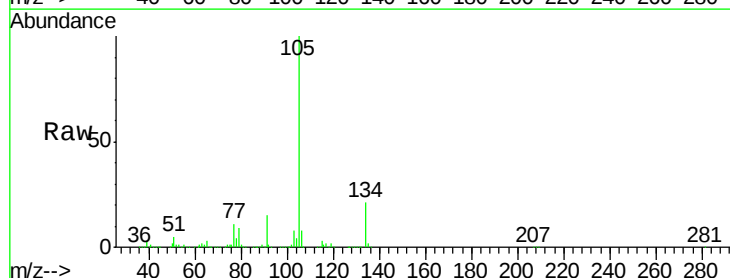
Acq: 08 Jun 2020 14:43

Tgt Ion:105 Resp: 493762

Ion Ratio Lower Upper

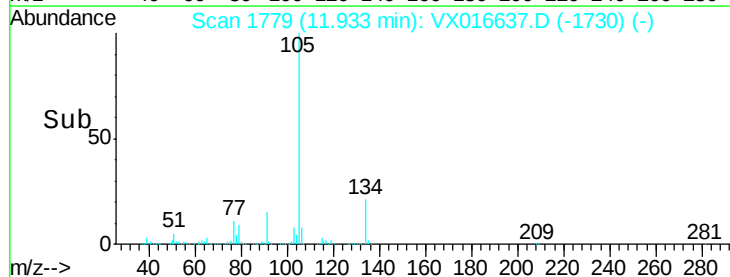
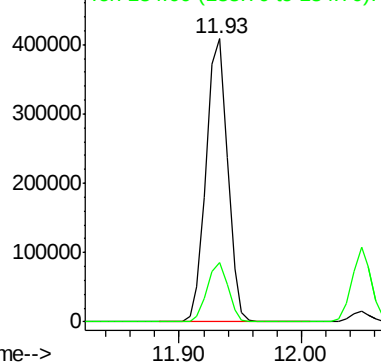
105 100

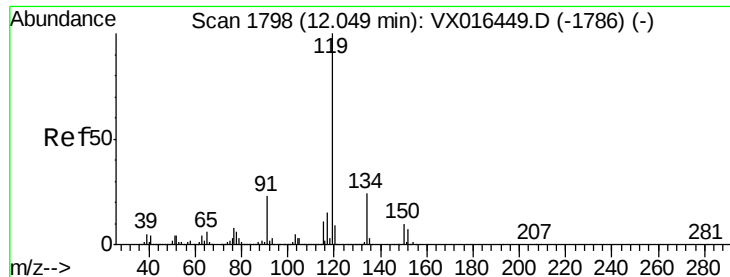
134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





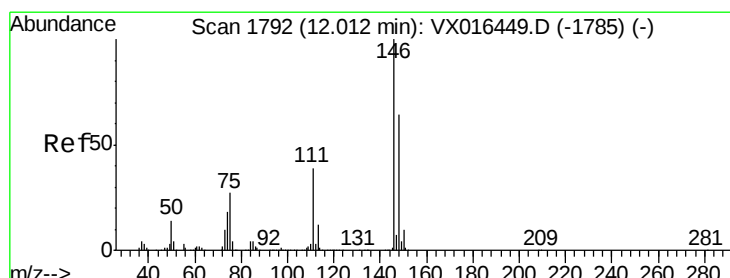
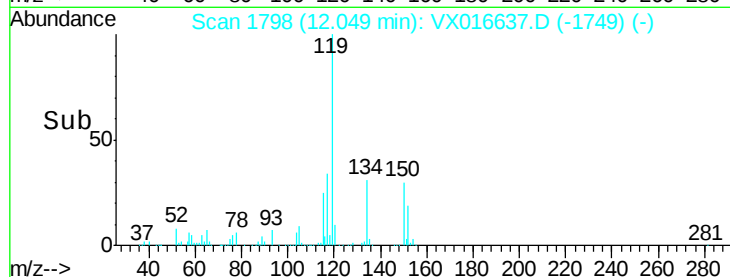
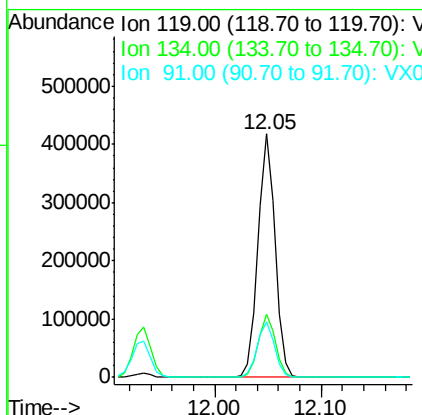
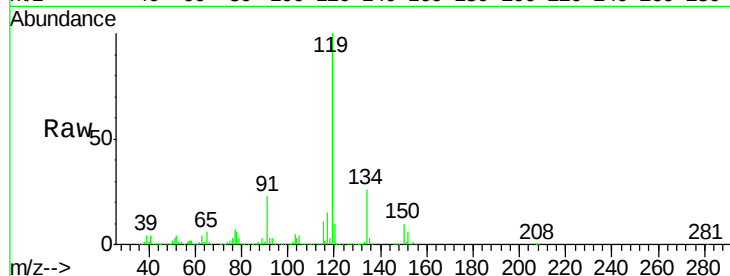
#86
p-Isopropyltoluene
Concen: 50.403 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	473065		
134	25.8		12.7	38.0
91	23.3		11.7	35.0

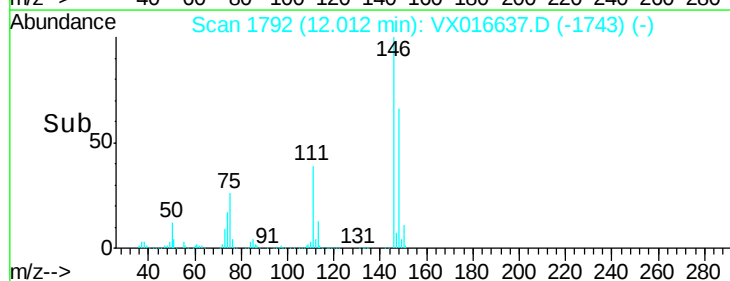
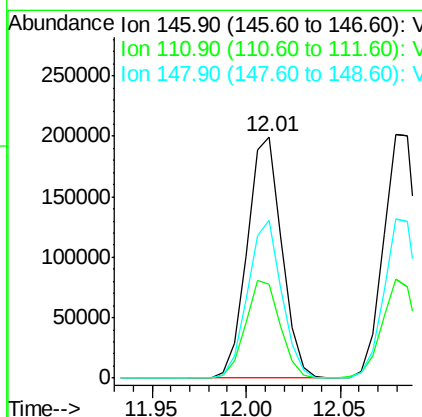
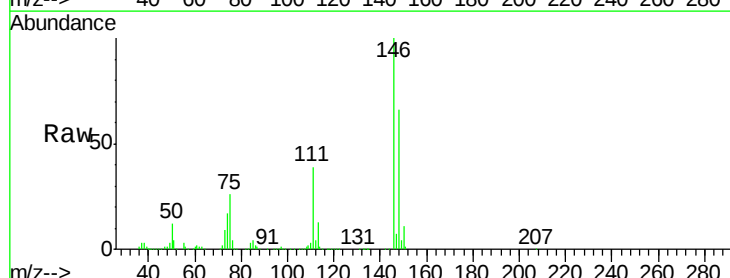
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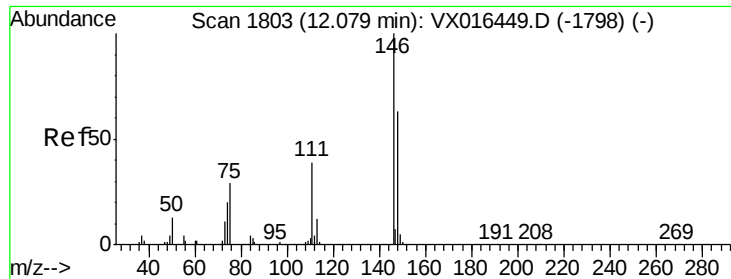
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#87
1,3-Dichlorobenzene
Concen: 49.761 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	253133		
111	40.7		20.0	60.0
148	64.2		31.9	95.5





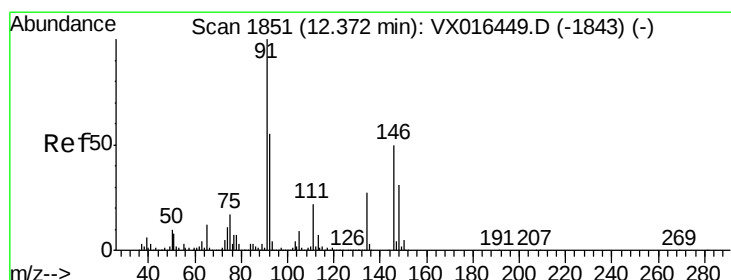
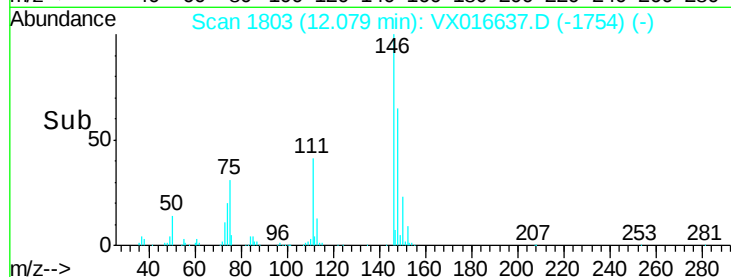
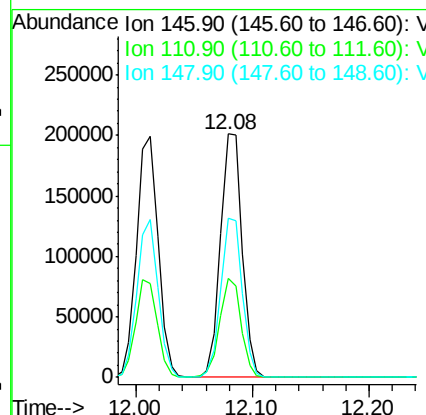
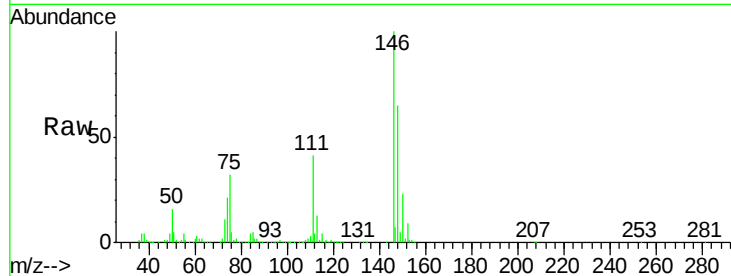
#88
 1,4-Dichlorobenzene
 Concen: 49.479 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	64.6	31.4	94.3

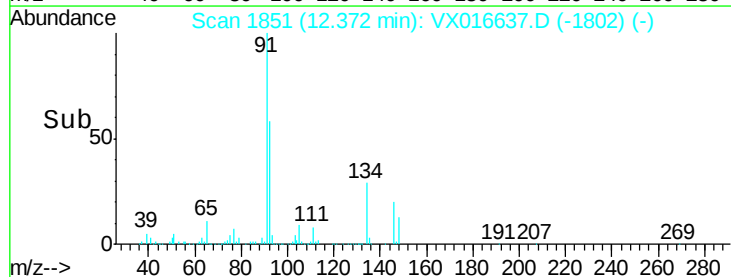
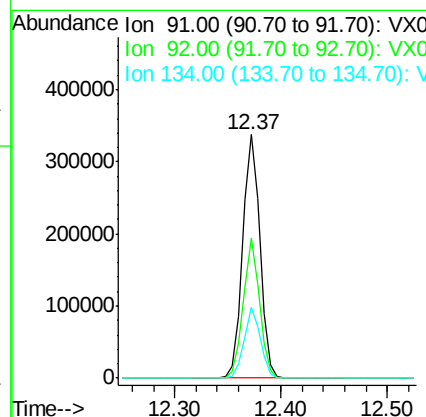
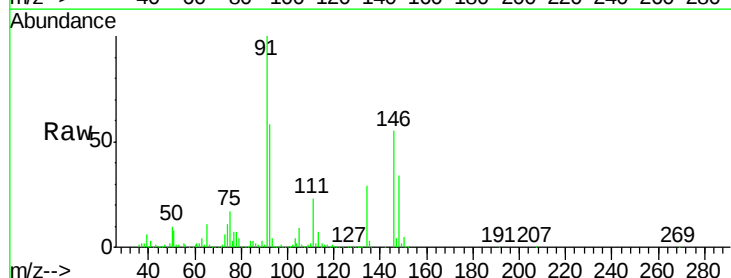
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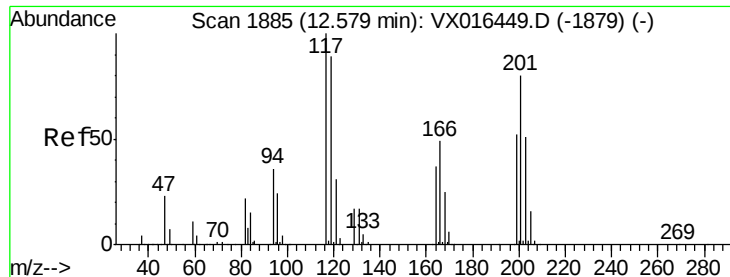
MMDadoda
 6/9/2020 11:41:25 AM



#89
 n-Butylbenzene
 Concen: 49.105 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	27.5	13.1	39.3





#90

Hexachloroethane

Concen: 50.553 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:117 Resp: 81956

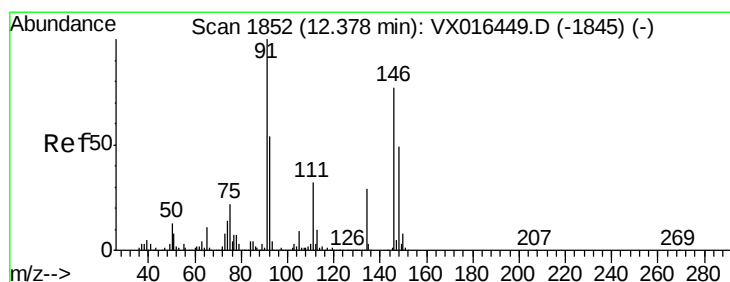
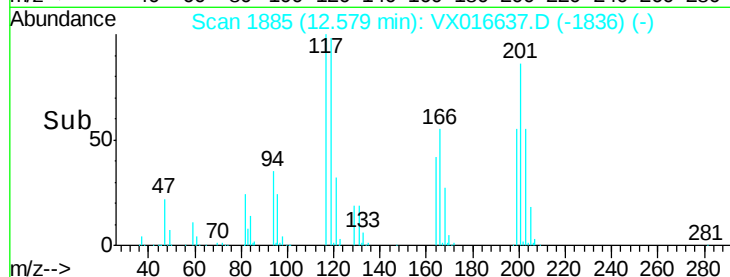
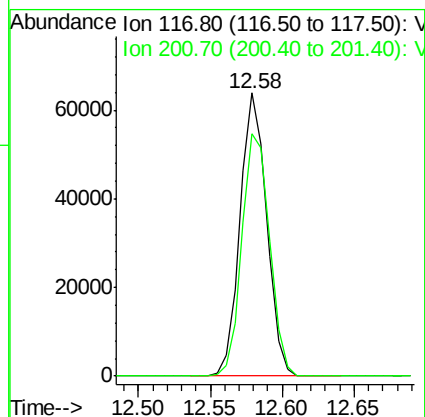
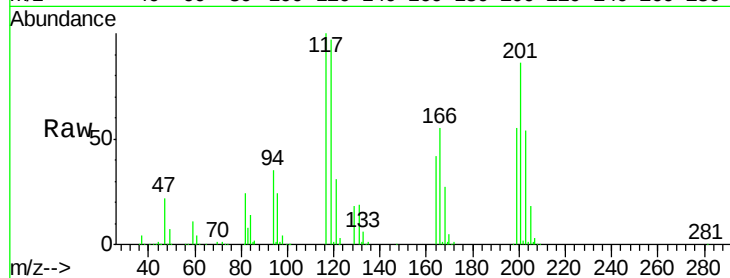
Ion Ratio Lower Upper

117 100

201 89.0 43.1 129.3

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:25 AM



#91

1,2-Dichlorobenzene

Concen: 50.277 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

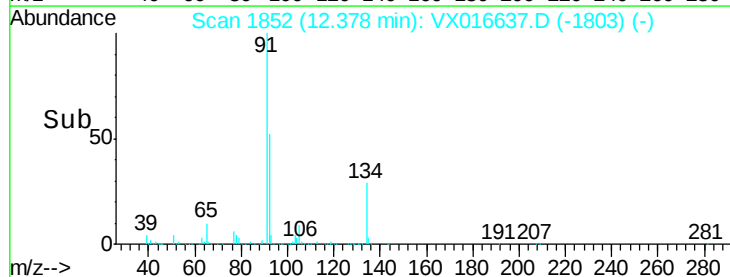
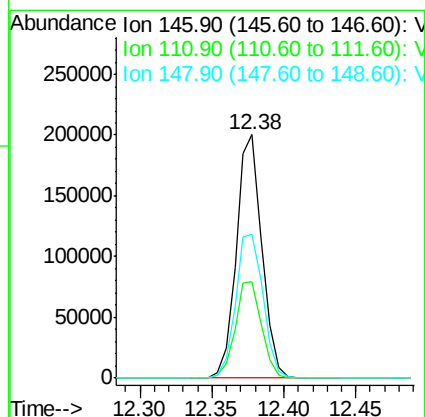
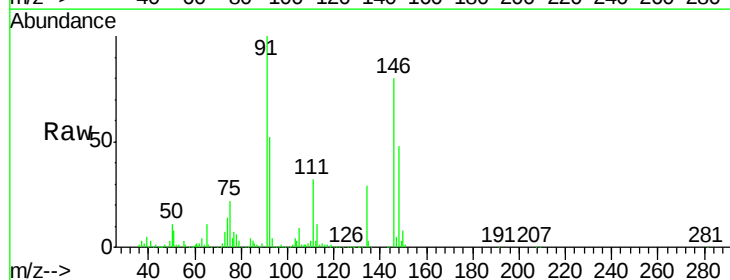
Tgt Ion:146 Resp: 247786

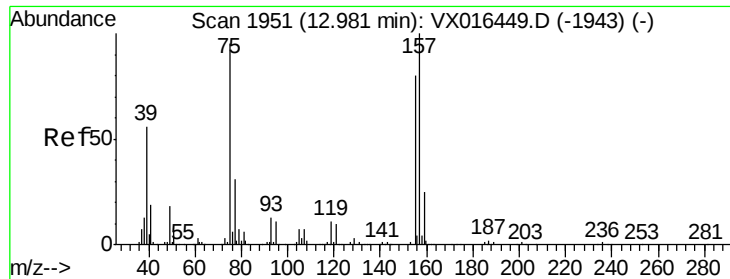
Ion Ratio Lower Upper

146 100

111 41.0 21.4 64.3

148 63.5 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.077 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

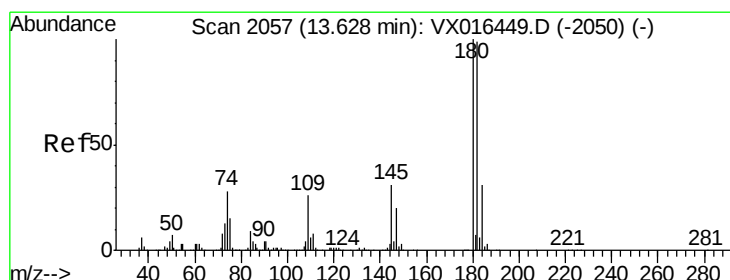
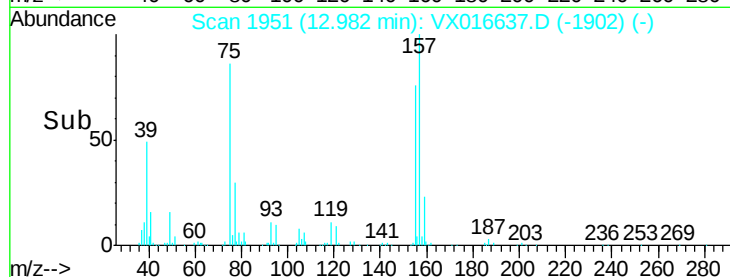
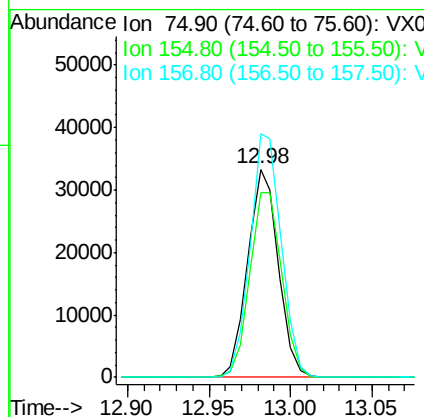
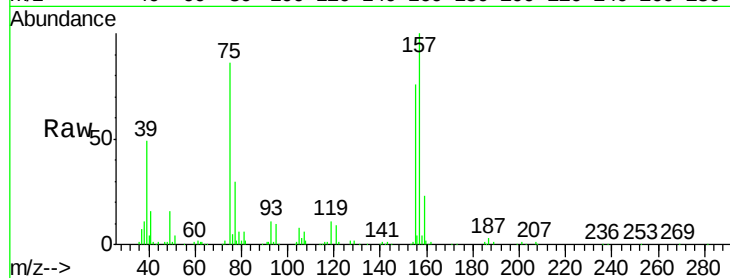
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	75	Resp:	43691
Ion	Ratio	Lower	Upper
75	100		
155	92.6	44.1	132.4
157	118.5	57.8	173.3

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#93

1,2,4-Trichlorobenzene

Concen: 51.455 ug/l

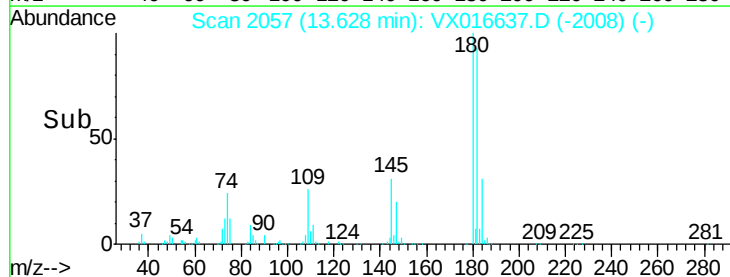
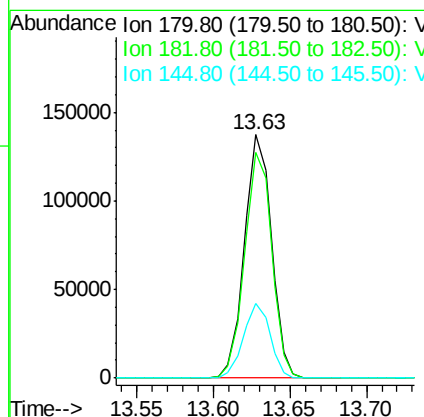
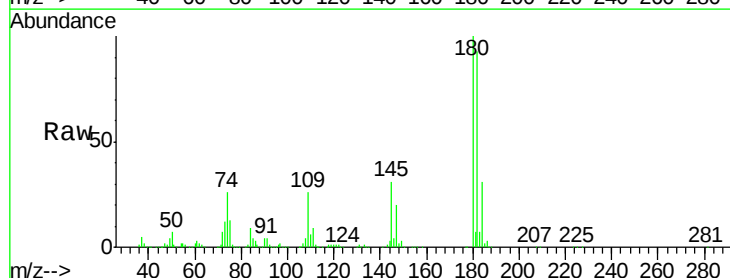
RT: 13.63 min Scan# 2057

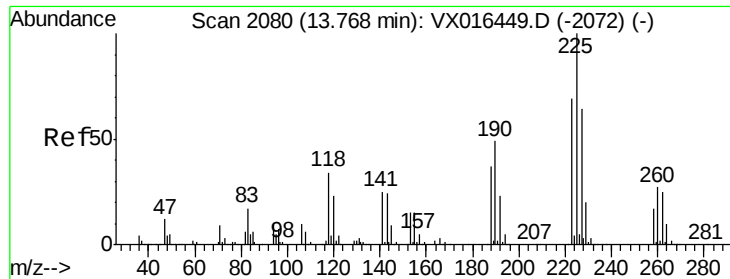
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	180	Resp:	168421
Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.3	144.8
145	30.4	15.4	46.2





#94

Hexachlorobutadiene

Concen: 54.265 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

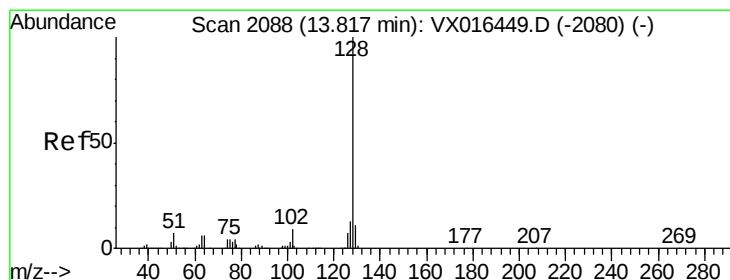
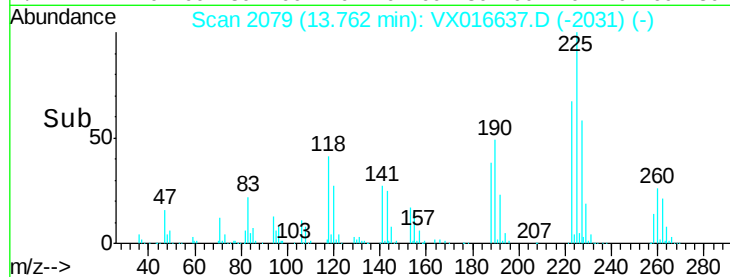
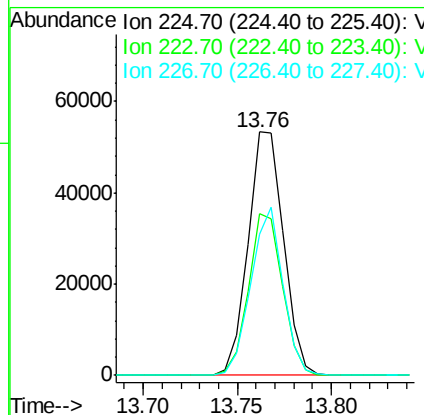
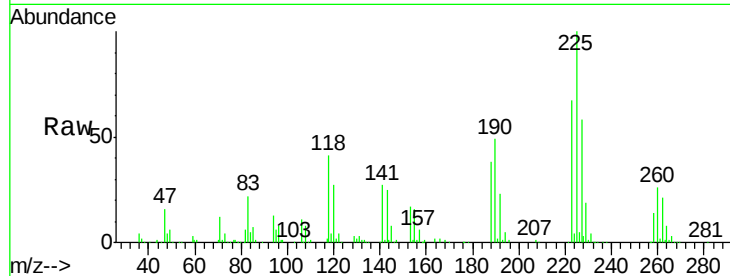
ClientSampleId :

SA-PZ134I-20200604MSD

Tot Ion:	225	Resp:	69737
Ion Ratio	Lower	Upper	
225	100		
223	63.9	32.3	96.8
227	62.5	31.6	94.7

Manual Integrations
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#95

Naphthalene

Concen: 50.953 ug/l

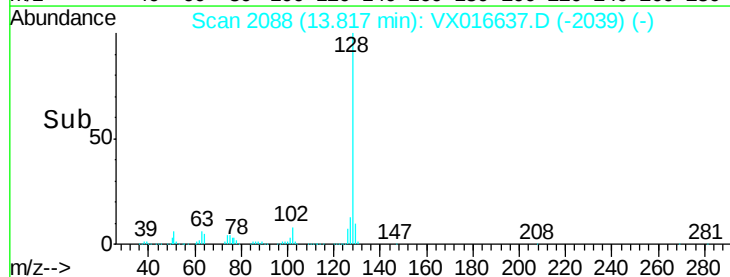
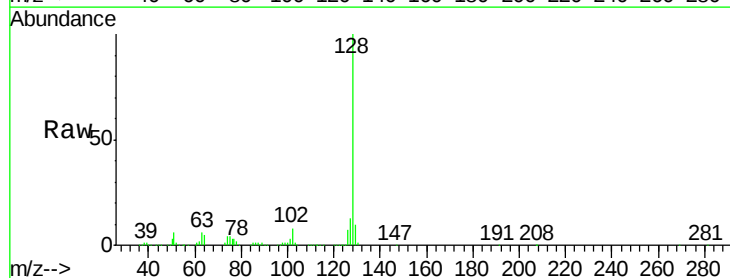
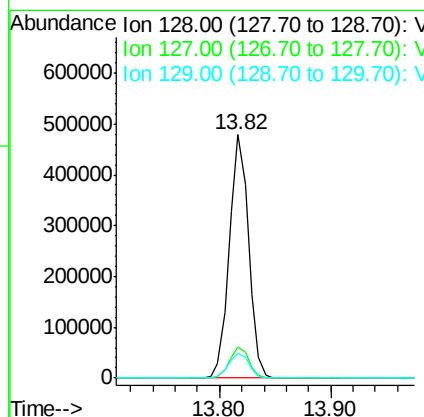
RT: 13.82 min Scan# 2088

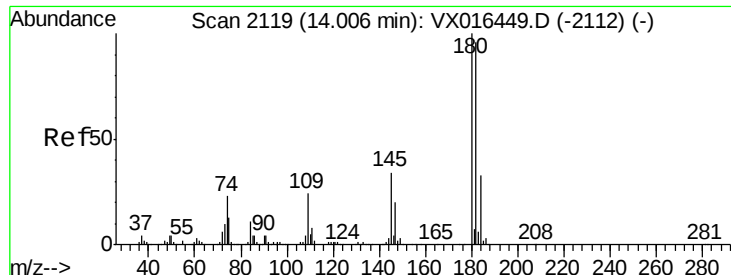
Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion:	128	Resp:	571735
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.7	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 51.031 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	48.6	145.8
145	33.1	16.6	49.8

Manual Integrations
 APPROVED

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