

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016843.D
 Acq On : 18 Jun 2020 12:32
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 6/19/2020 12:50:07 PM

Quant Time: Jun 18 13:01:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	406406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	516775	156.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.54%	
35) Dibromofluoromethane	5.46	113	359455	142.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.86%	
50) Toluene-d8	8.70	98	1429735	152.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.54%	
62) 4-Bromofluorobenzene	11.12	95	550007	153.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	542281	186.763	ug/l	99
3) Chloromethane	1.31	50	513404	166.473	ug/l	100
4) Vinyl Chloride	1.39	62	544725	160.631	ug/l	98
5) Bromomethane	1.62	94	278823	131.404	ug/l	98
6) Chloroethane	1.70	64	326284	157.982	ug/l	99
7) Trichlorofluoromethane	1.90	101	753096	157.120	ug/l	99
8) Diethyl Ether	2.17	74	286076	145.822	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	364291	148.720	ug/l	98
10) Methyl Iodide	2.49	142	430161	145.077	ug/l	99
11) Tert butyl alcohol	3.03	59	397526	530.028	ug/l	99
12) 1,1-Dichloroethene	2.35	96	368092	131.958	ug/l	99
13) Acrolein	2.27	56	235049	653.681	ug/l	99
14) Allyl chloride	2.70	41	533997	126.175	ug/l	100
15) Acrylonitrile	3.12	53	895515	574.436	ug/l	100
16) Acetone	2.42	43	730800	527.630	ug/l	99
17) Carbon Disulfide	2.54	76	1010283	130.116	ug/l	99
18) Methyl Acetate	2.75	43	429438	116.171	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1181067	127.925	ug/l	99
20) Methylene Chloride	2.83	84	375926	123.157	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	376612	128.861	ug/l	96
22) Diisopropyl ether	3.82	45	1082639	135.855	ug/l	98
23) Vinyl Acetate	3.79	43	4471370	651.312	ug/l	99
24) 1,1-Dichloroethane	3.67	63	642690	128.803	ug/l	99
25) 2-Butanone	4.64	43	1151653	553.357	ug/l	100
26) 2,2-Dichloropropane	4.55	77	585074	126.671	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	423620	126.725	ug/l	100
28) Bromochloromethane	4.98	49	249165	117.353	ug/l	99
29) Tetrahydrofuran	5.09	42	739800	549.235	ug/l	99
30) Chloroform	5.18	83	675273	127.948	ug/l	97
31) Cyclohexane	5.55	56	588910	156.392	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	639583	133.559	ug/l	100
36) 1,1-Dichloropropene	5.77	75	573038	159.887	ug/l	98
37) Ethyl Acetate	4.79	43	467985	121.597	ug/l	100
38) Carbon Tetrachloride	5.76	117	637828	156.714	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	629972	162.301	ug/l	97
40) Benzene	6.12	78	1896460	173.565	ug/l	100
41) Methacrylonitrile	5.00	41	254848	123.520	ug/l	99
42) 1,2-Dichloroethane	6.16	62	644858	161.779	ug/l	100
43) Isopropyl Acetate	6.42	43	1015486	164.763	ug/l	99
44) Trichloroethene	7.19	130	451928	129.715	ug/l	98
45) 1,2-Dichloropropane	7.49	63	370722	137.493	ug/l	98
46) Dibromomethane	7.64	93	259784	133.252	ug/l	99
47) Bromodichloromethane	7.88	83	560636	138.049	ug/l	100
48) Methyl methacrylate	7.75	41	391874	135.648	ug/l	98
49) 1,4-Dioxane	7.72	88	182778	2580.782	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	2502999	668.671	ug/l	99
52) Toluene	8.76	92	1127878	158.647	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	659481	144.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	670791	140.032	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	396272	137.314	ug/l	98
56) Ethyl methacrylate	9.16	69	631474	145.776	ug/l	99
57) 1,3-Dichloropropane	9.35	76	666726	137.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1475947	708.799	ug/l	100
59) 2-Hexanone	9.48	43	1764512	614.209	ug/l	98
60) Dibromochloromethane	9.57	129	499618	146.305	ug/l	99
61) 1,2-Dibromoethane	9.65	107	425891	136.905	ug/l	98
64) Tetrachloroethene	9.32	164	456335	120.696	ug/l	97
65) Chlorobenzene	10.12	112	1236606	153.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	491374	154.567	ug/l	99
67) Ethyl Benzene	10.24	91	2105032	155.883	ug/l	99
68) m/p-Xylenes	10.34	106	1835602	359.756	ug/l	100
69) o-Xylene	10.68	106	757860	154.562	ug/l	98
70) Styrene	10.70	104	1344332	158.689	ug/l	100
71) Bromoform	10.84	173	407810	151.263	ug/l #	98
73) Isopropylbenzene	11.01	105	1976930	156.036	ug/l	100
74) N-amyl acetate	10.88	43	758301	155.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	540585	145.759	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	508558m	126.954	ug/l	
77) Bromobenzene	11.24	156	517867	144.703	ug/l	100
78) n-propylbenzene	11.35	91	2246610	162.404	ug/l	100
79) 2-Chlorotoluene	11.41	91	1344521	154.022	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1738484	162.851	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	218356	138.187	ug/l	97
82) 4-Chlorotoluene	11.49	91	1579338	153.886	ug/l	99
83) tert-Butylbenzene	11.76	119	1640172	167.006	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1721913	159.373	ug/l	99
85) sec-Butylbenzene	11.93	105	1921272	167.988	ug/l	100
86) p-Isopropyltoluene	12.05	119	1835538	166.880	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	927468	152.240	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	933111	148.412	ug/l	98
89) n-Butylbenzene	12.37	91	1745262	191.511	ug/l	100
90) Hexachloroethane	12.58	117	361280	176.818	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	996535	164.870	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	133410	130.321	ug/l	94

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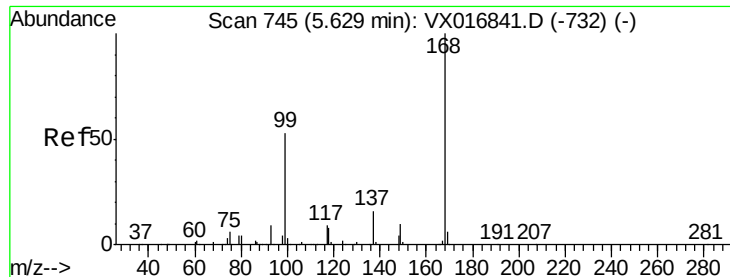
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	680433	157.783	ug/l	98
94) Hexachlorobutadiene	13.77	225	297654	154.440	ug/l	98
95) Naphthalene	13.82	128	2059786	155.963	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	662129	154.475	ug/l	99

(#) = 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: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 277639

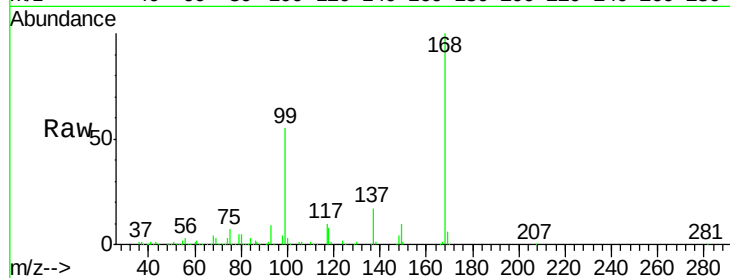
Ion Ratio Lower Upper

168 100

99 54.6 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

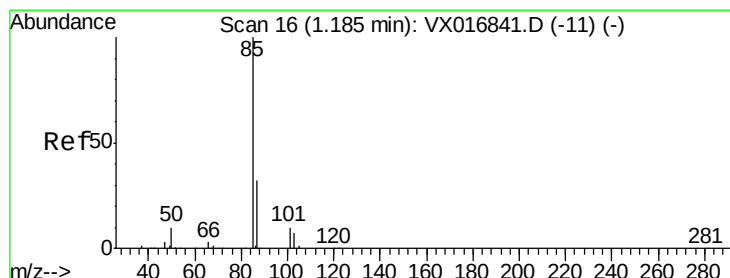
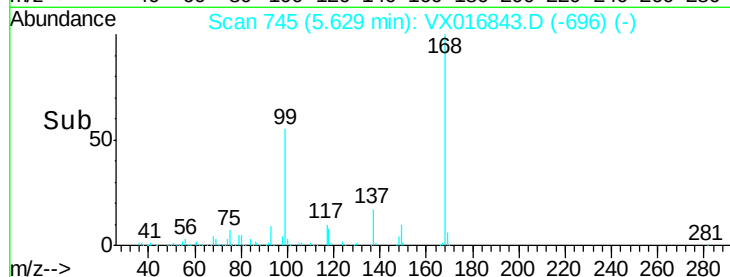
50000

0

5.50 5.60 5.70 5.80

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 186.763 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016843.D

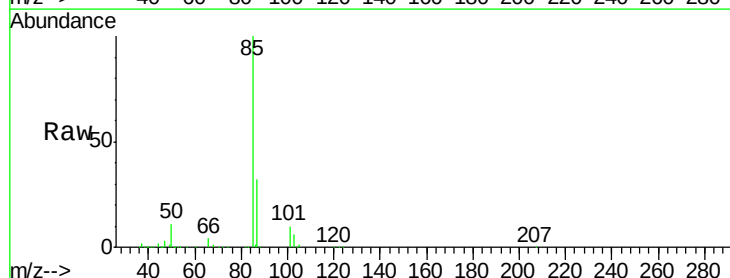
Acq: 18 Jun 2020 12:32

Tgt Ion: 85 Resp: 542281

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

200000

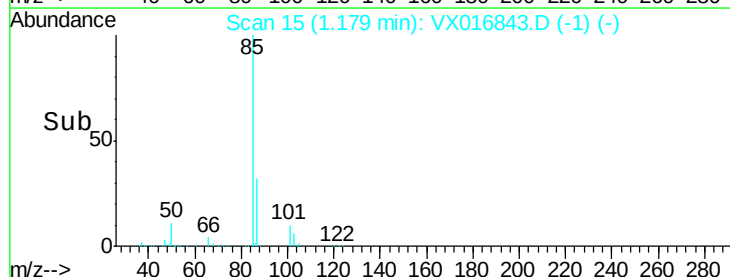
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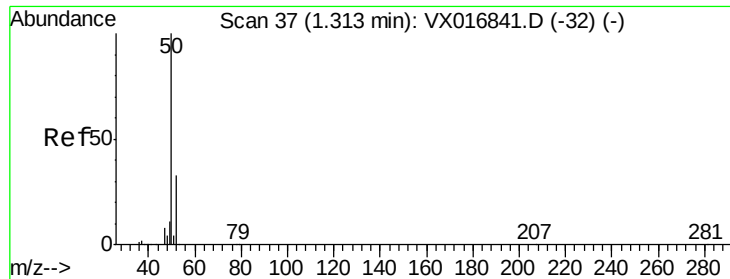
0

1.10 1.20 1.30

1.18

Time-->





#3

Chloromethane

Concen: 166.473 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 513404

Ion Ratio Lower Upper

50 100

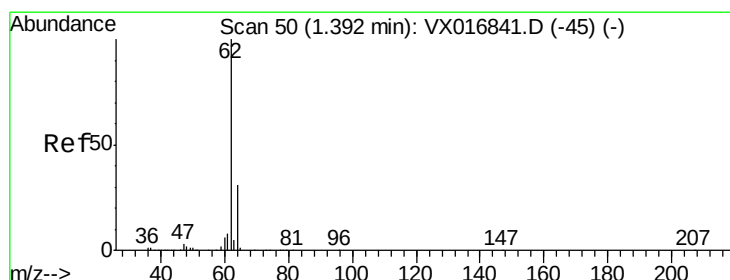
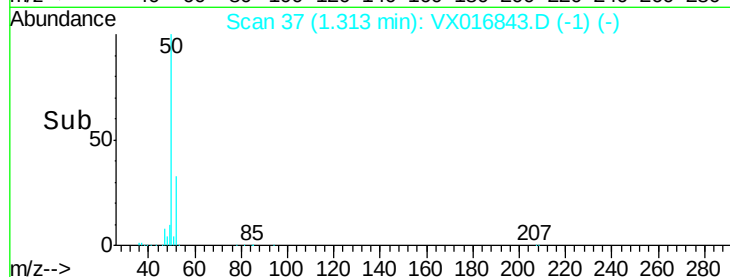
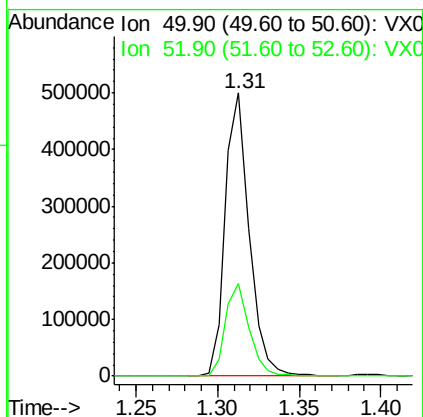
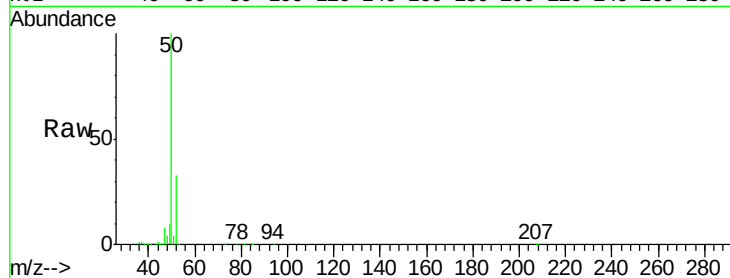
52 32.8 26.1 39.1

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#4

Vinyl Chloride

Concen: 160.631 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016843.D

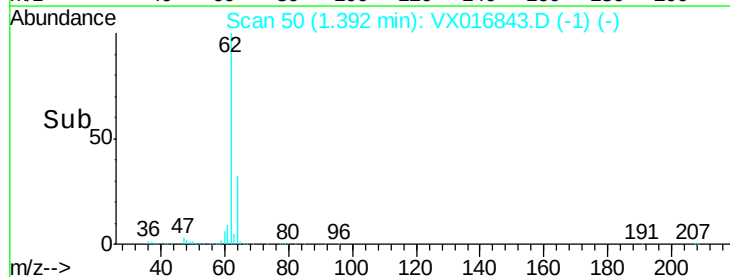
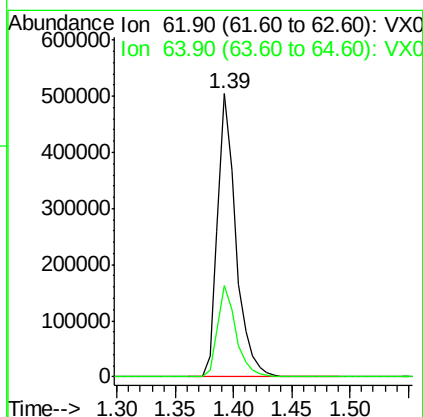
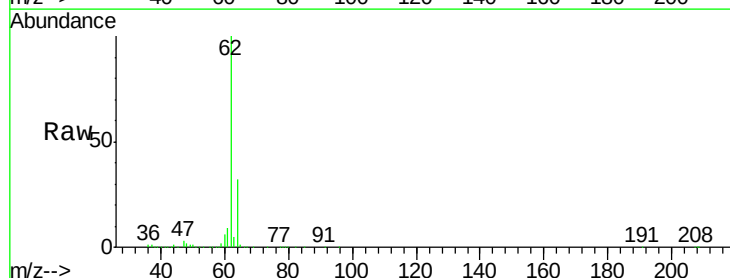
Acq: 18 Jun 2020 12:32

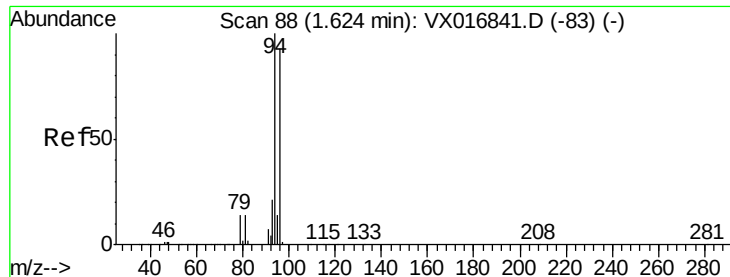
Tgt Ion: 62 Resp: 544725

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 131.404 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 278823

Ion Ratio Lower Upper

94 100

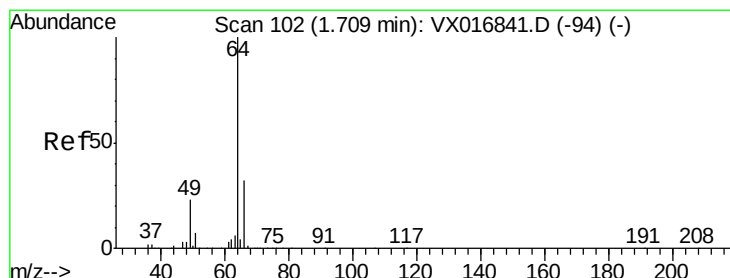
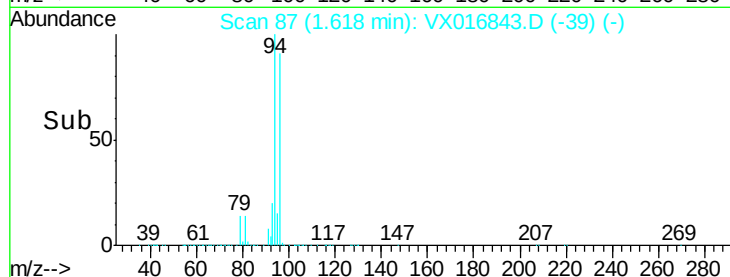
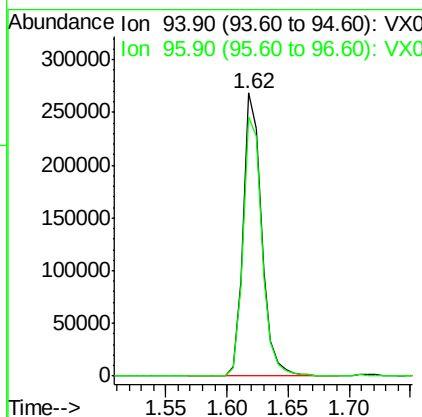
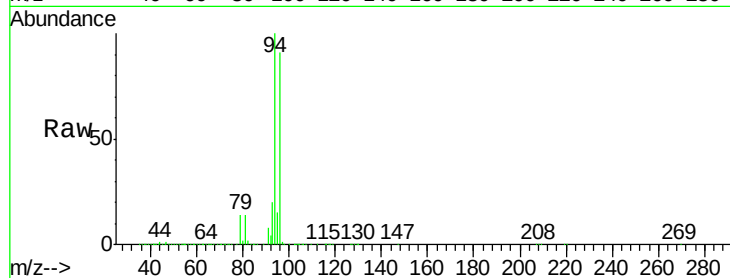
96 91.3 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 157.982 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016843.D

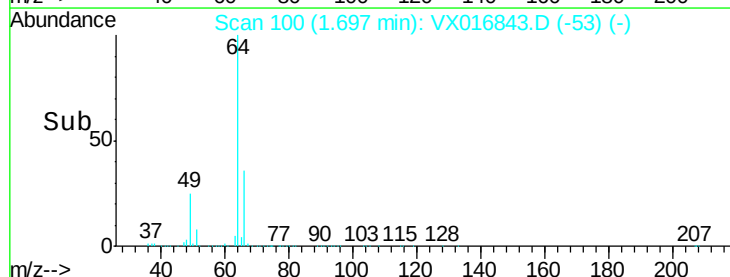
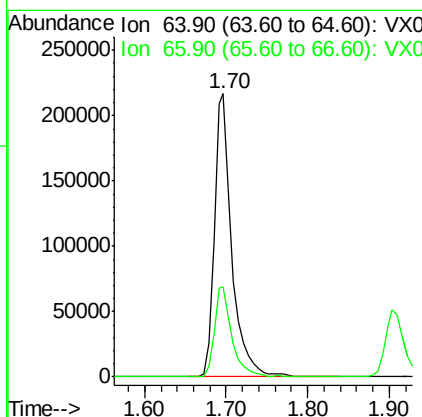
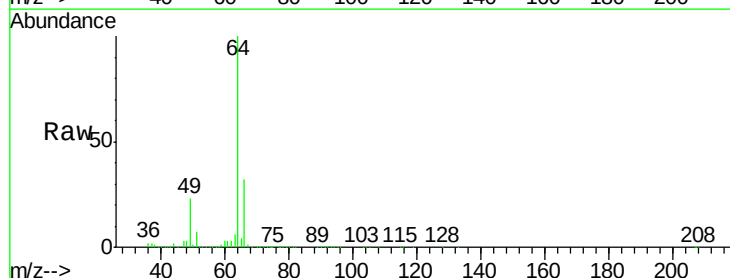
Acq: 18 Jun 2020 12:32

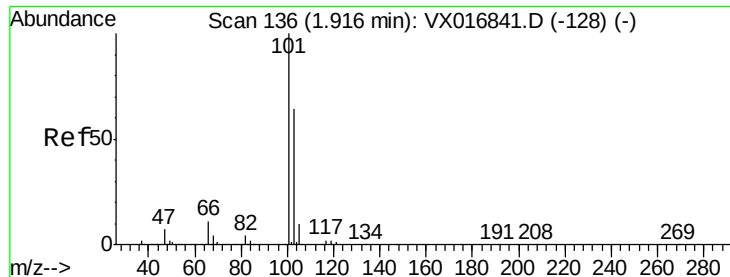
Tgt Ion: 64 Resp: 326284

Ion Ratio Lower Upper

64 100

66 31.6 25.7 38.5





#7

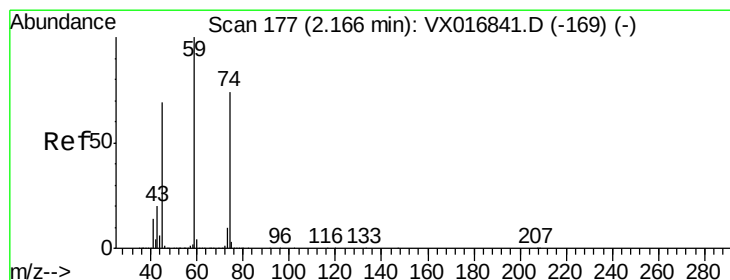
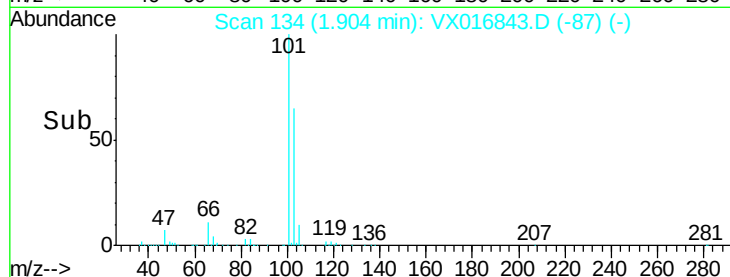
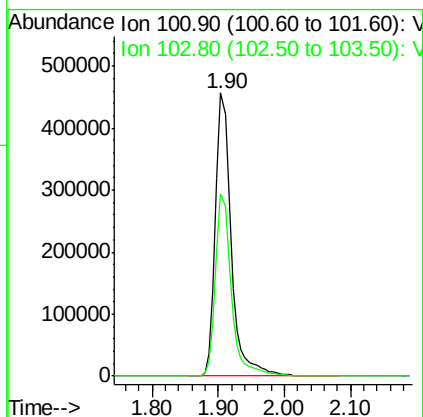
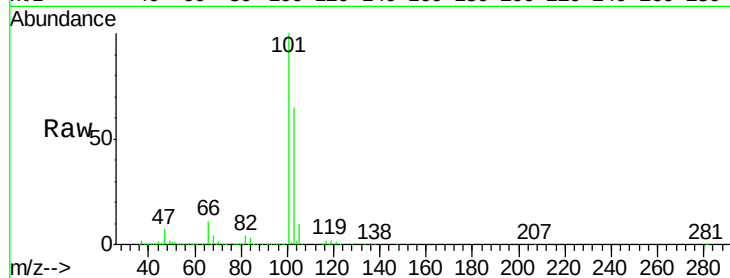
Trichlorofluoromethane
Concen: 157.120 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.2	76.8

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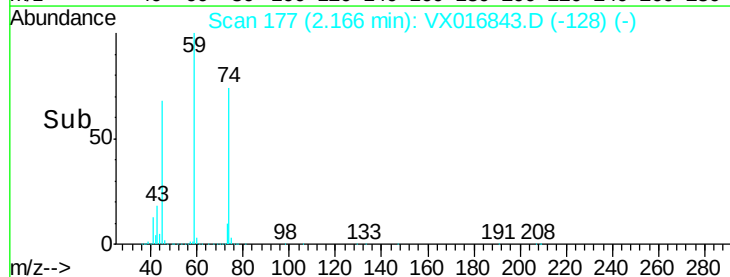
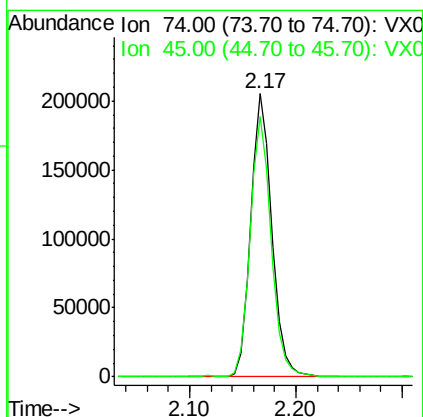
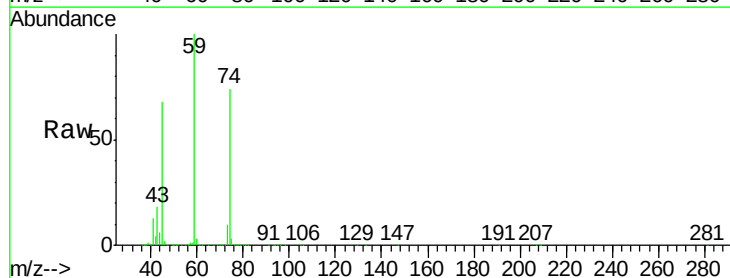
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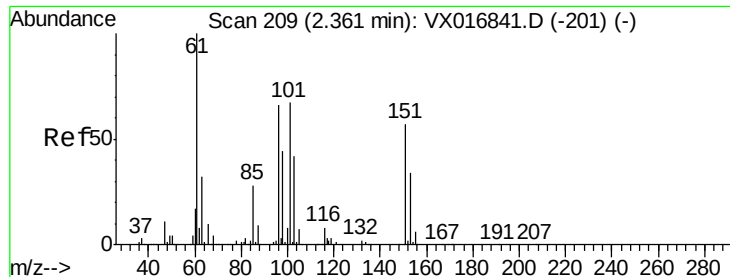


#8

Diethyl Ether
Concen: 145.822 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.720 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

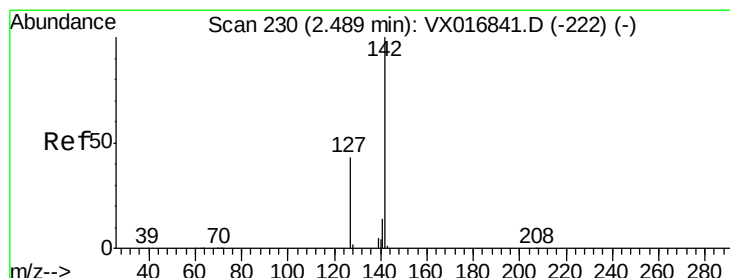
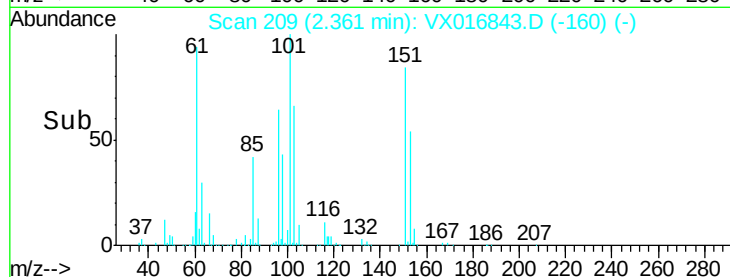
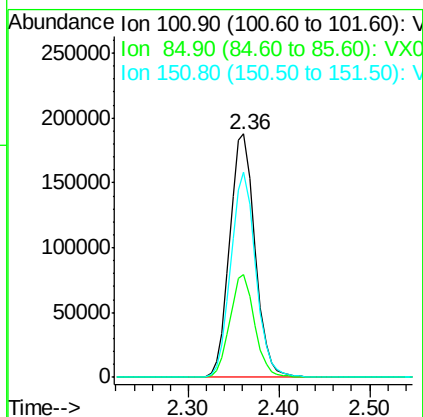
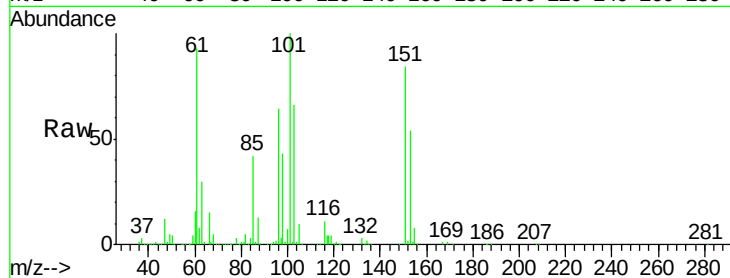
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	364291
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.3	51.5
151	83.1	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 145.077 ug/l

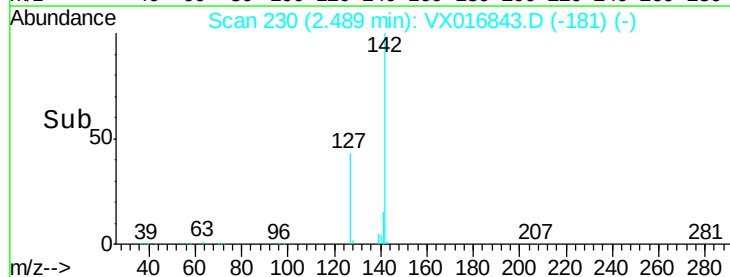
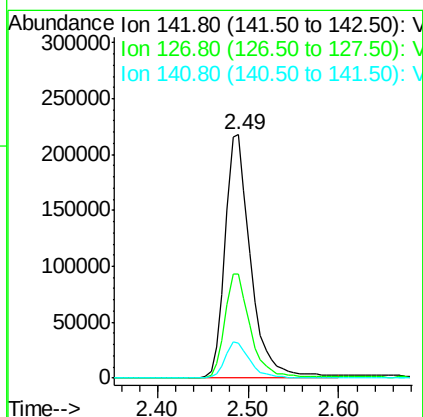
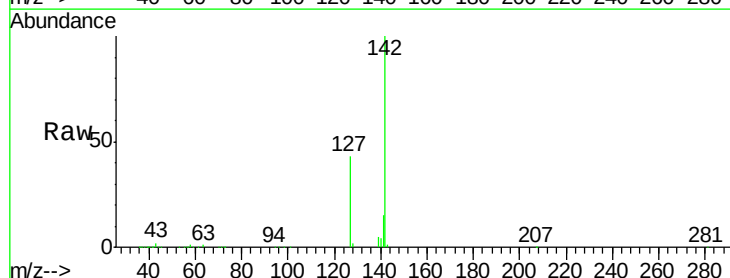
RT: 2.49 min Scan# 230

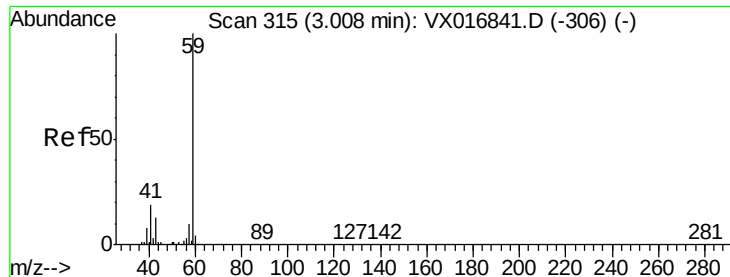
Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion:	142	Resp:	430161
Ion Ratio	Lower	Upper	
142	100		
127	42.8	35.1	52.7
141	14.5	11.6	17.4





#11

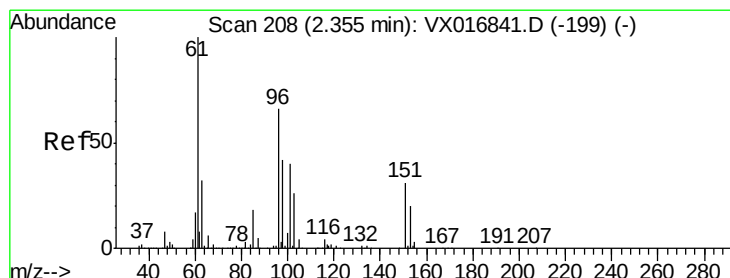
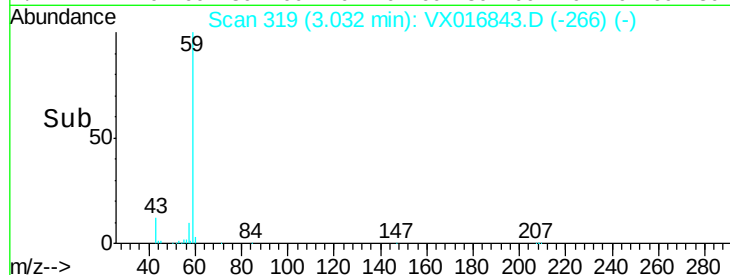
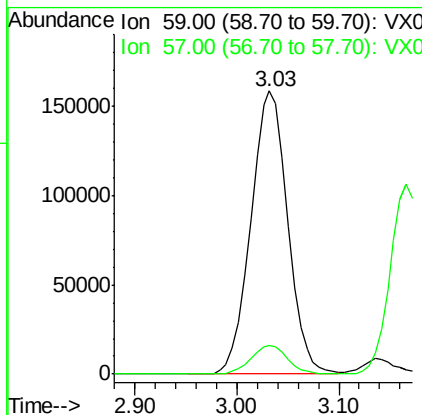
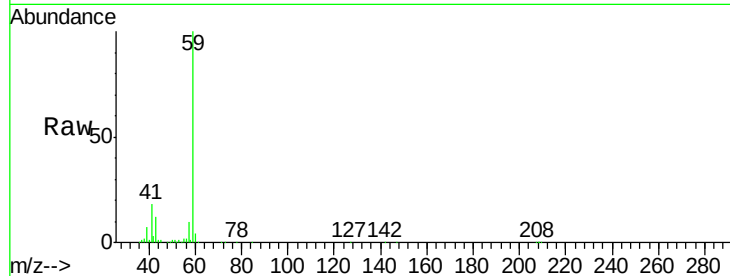
Tert butyl alcohol
Concen: 530.028 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
59	100	397526		
57	10.2		8.4	12.6

Manual Integrations
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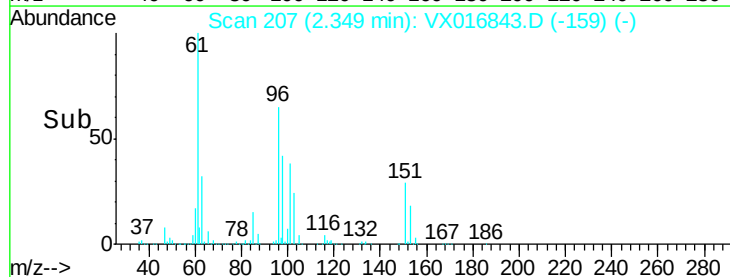
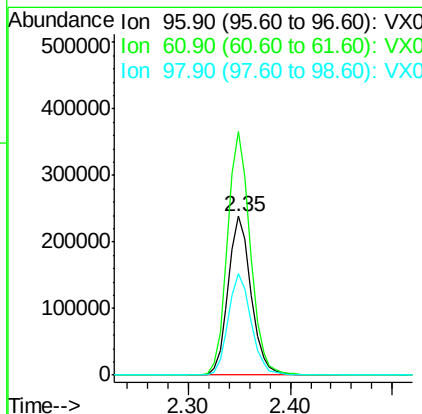
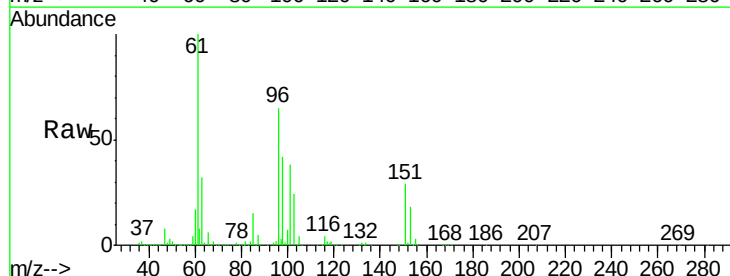
MMDadoda
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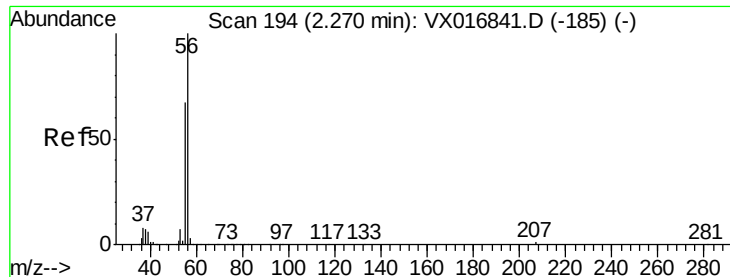


#12

1,1-Dichloroethene
Concen: 131.958 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	368092		
61	153.5		121.7	182.5
98	64.0		51.1	76.7





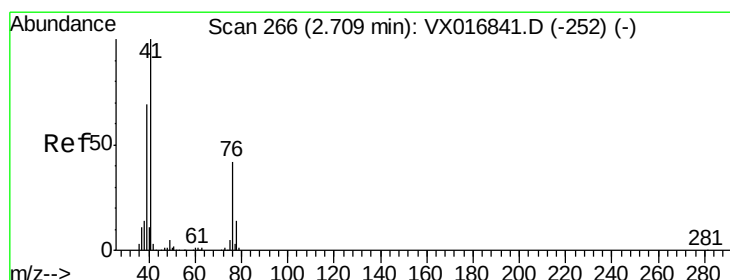
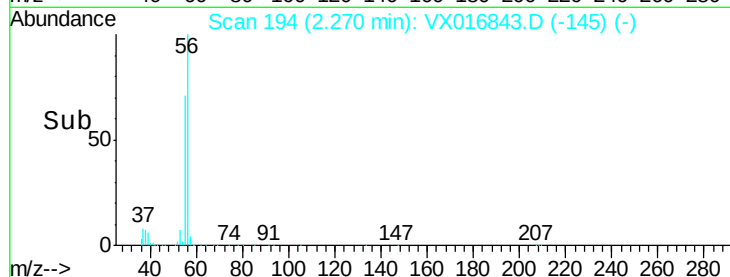
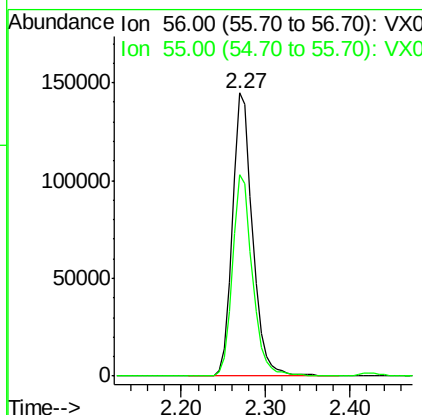
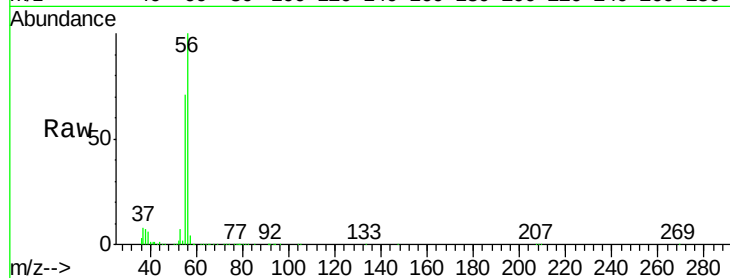
#13
Acrolein
Concen: 653.681 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.7	83.5

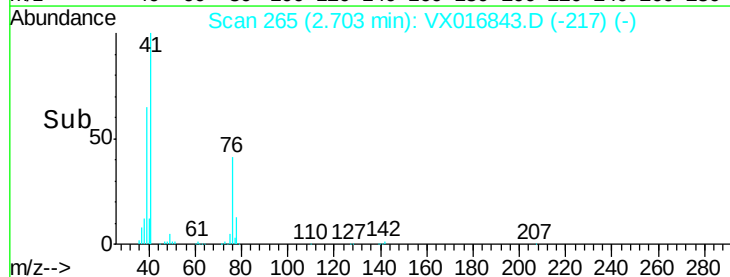
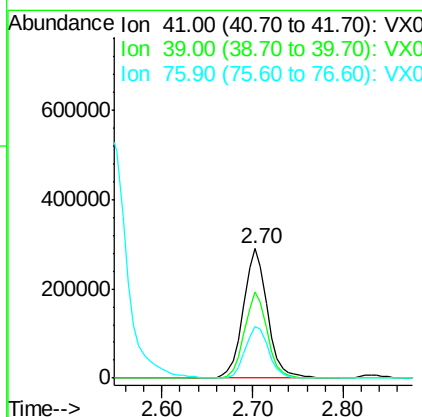
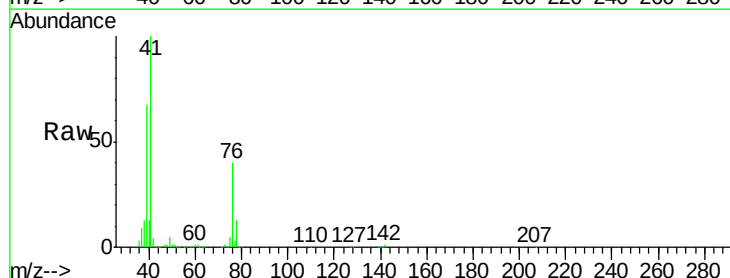
Manual Integrations
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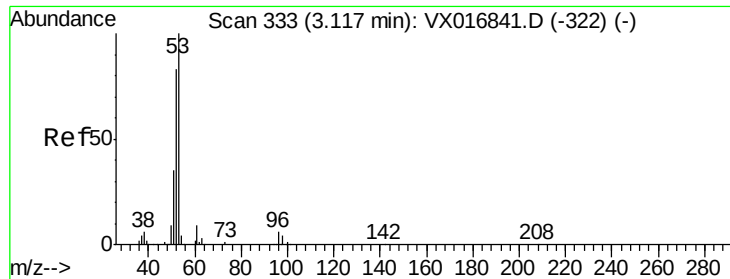
MMDadoda
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#14
Allyl chloride
Concen: 126.175 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.0	50.7	76.1
76	38.8	30.9	46.3





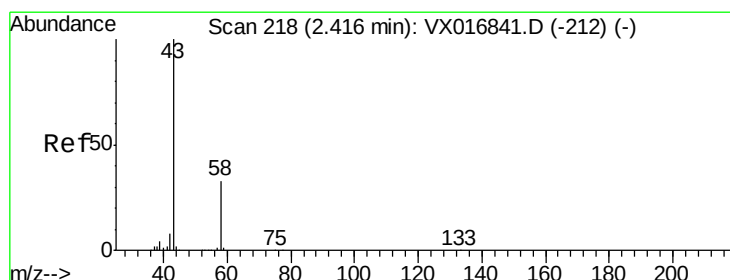
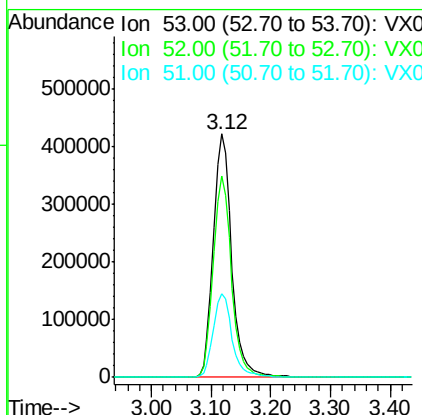
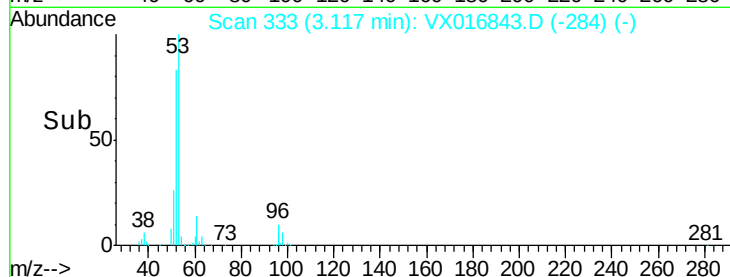
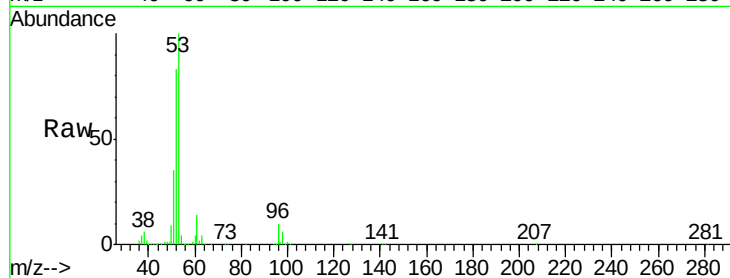
#15
 Acrylonitrile
 Concen: 574.436 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	53	Resp:	895515
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	35.4	28.7	43.1

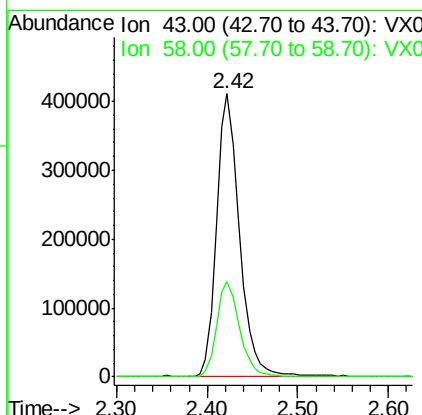
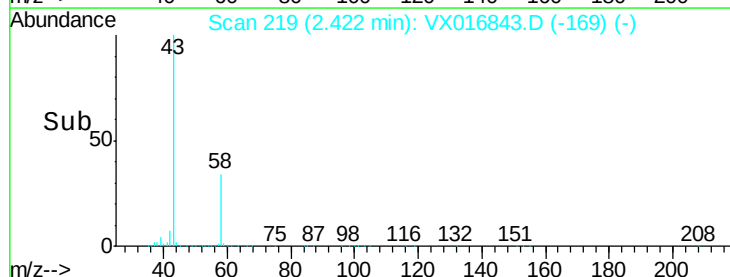
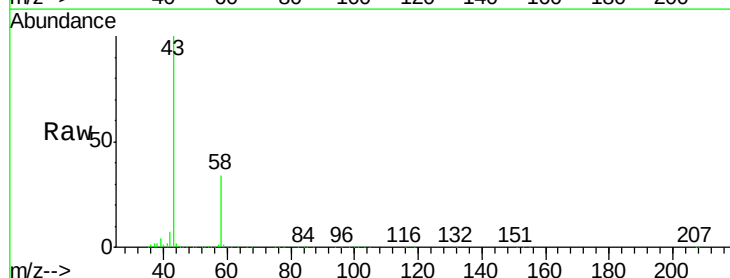
Manual Integrations
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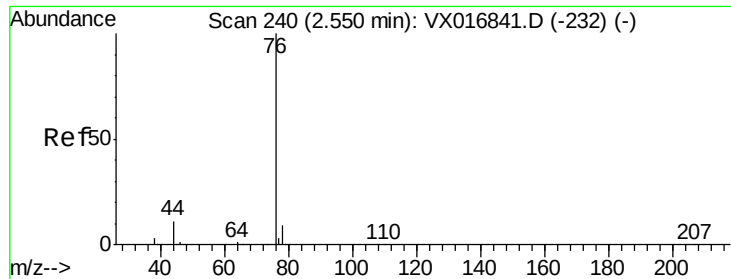
MMDadoda
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#16
 Acetone
 Concen: 527.630 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Tgt Ion:	43	Resp:	730800
Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.6	39.8





#17

Carbon Disulfide

Concen: 130.116 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1010283

Ion Ratio Lower Upper

76 100

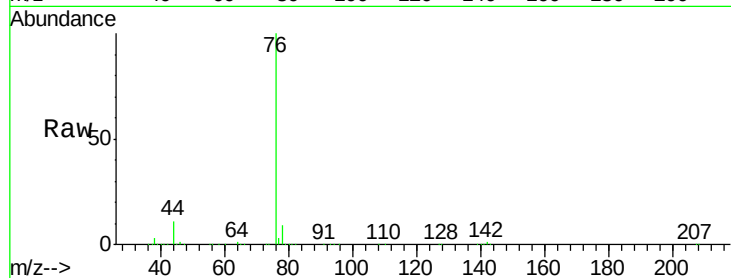
78 9.1 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

600000

500000

400000

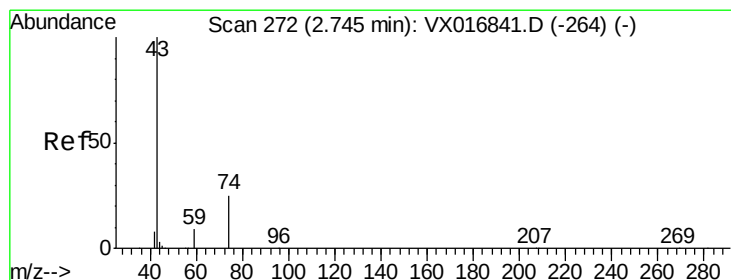
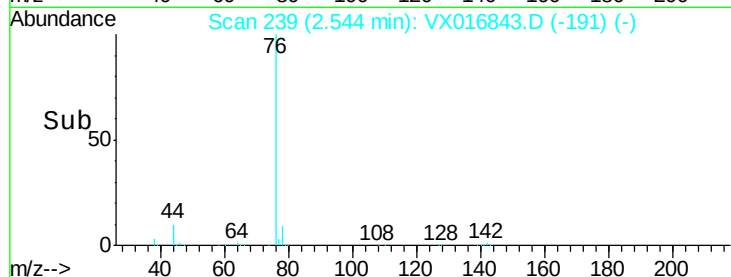
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 116.171 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016843.D

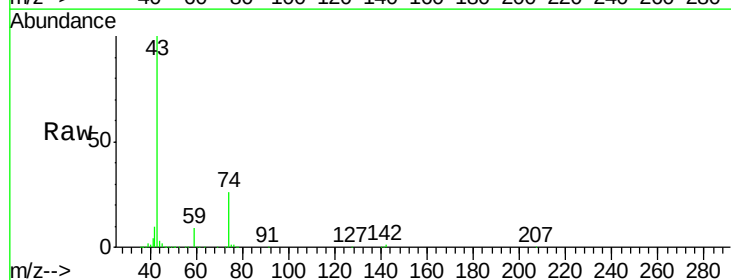
Acq: 18 Jun 2020 12:32

Tgt Ion: 43 Resp: 429438

Ion Ratio Lower Upper

43 100

74 27.2 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

250000

200000

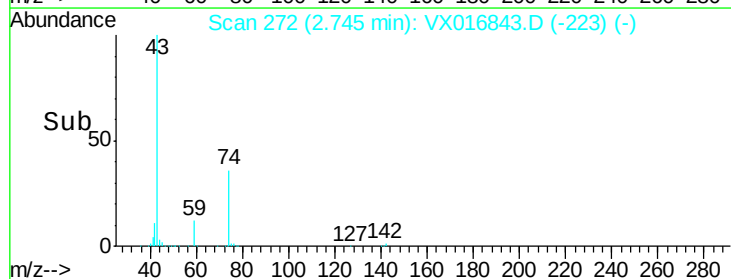
150000

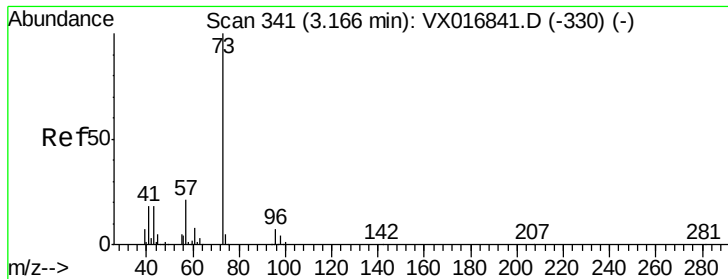
100000

50000

0

Time-->





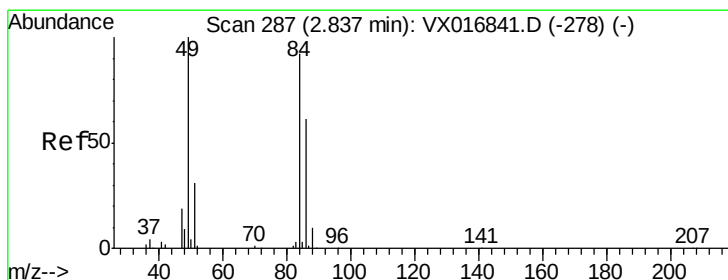
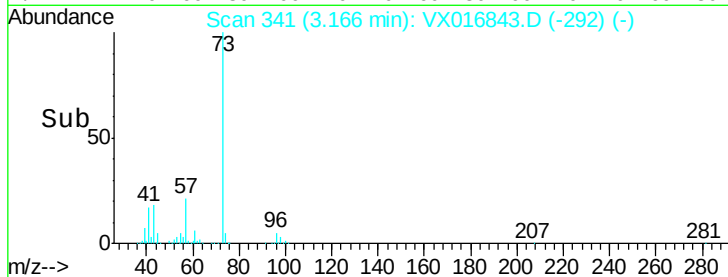
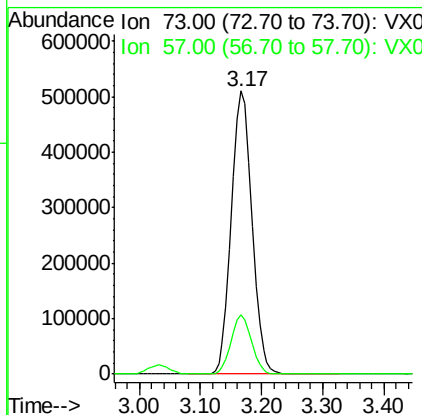
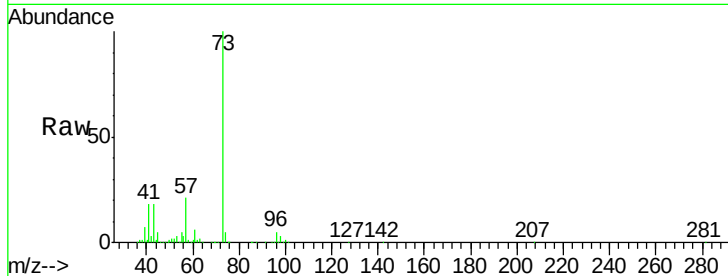
#19
Methyl tert-butyl Ether
Concen: 127.925 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 73 Resp: 1181067
Ion Ratio Lower Upper
73 100
57 20.8 16.9 25.3

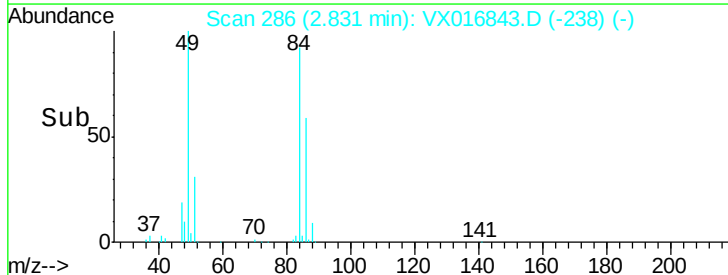
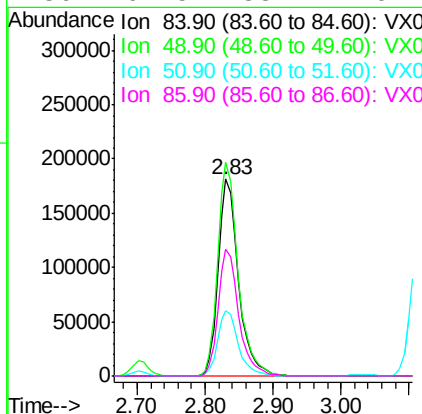
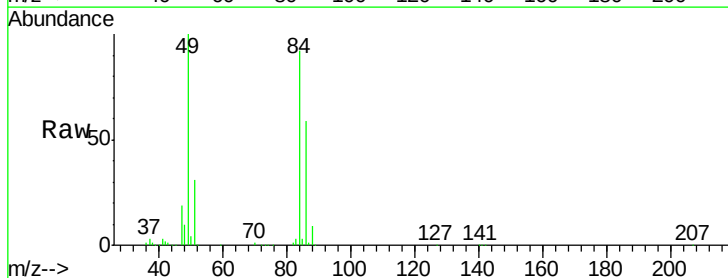
Manual Integrations
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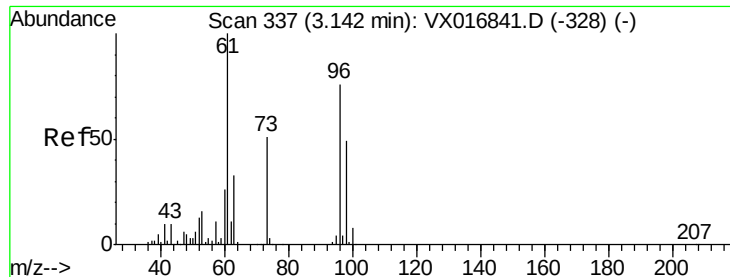
MMDadoda
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#20
Methylene Chloride
Concen: 123.157 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion: 84 Resp: 375926
Ion Ratio Lower Upper
84 100
49 108.5 86.6 129.8
51 33.5 27.1 40.7
86 64.5 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 128.861 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

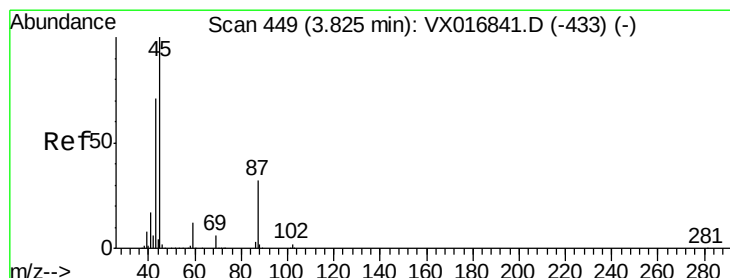
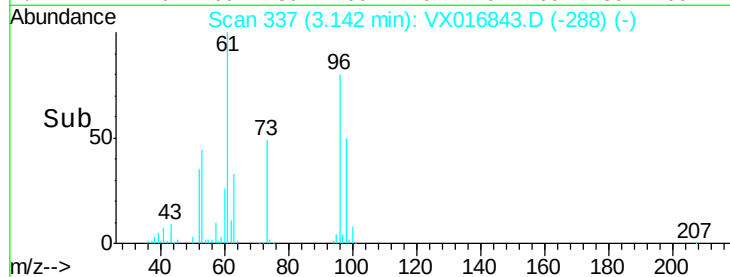
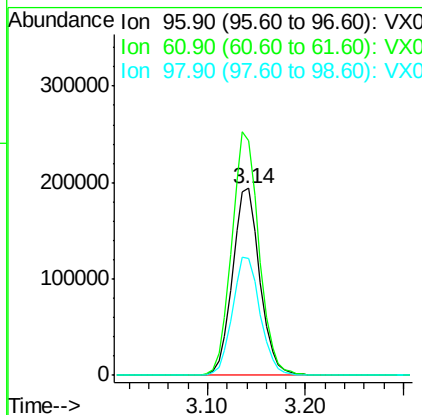
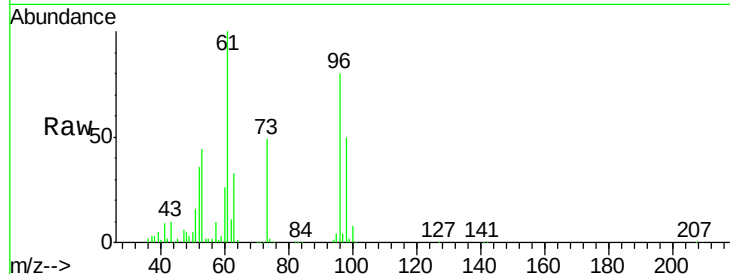
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	376612
Ion	Ratio	Lower	Upper
96	100		
61	125.1	105.4	158.0
98	62.5	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 135.855 ug/l

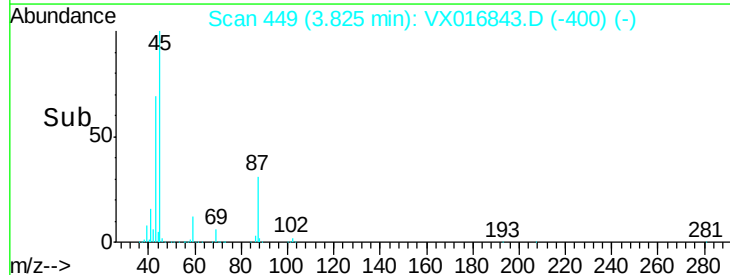
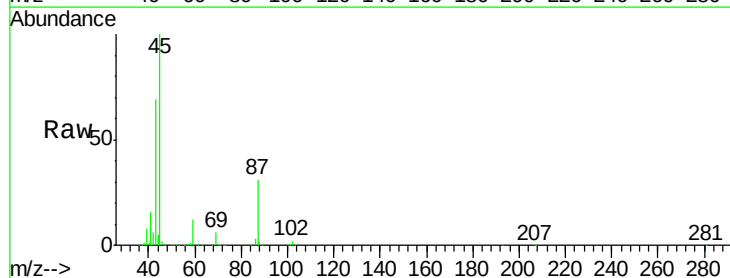
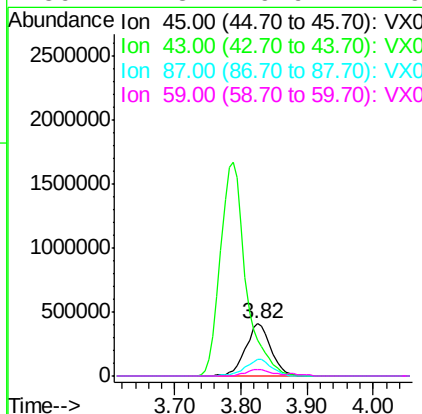
RT: 3.82 min Scan# 449

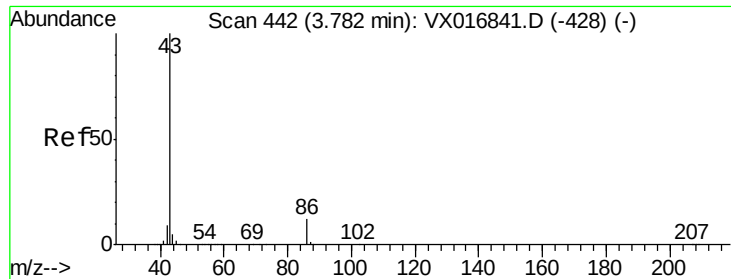
Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion:	45	Resp:	1082639
Ion	Ratio	Lower	Upper
45	100		
43	69.0	57.0	85.4
87	31.0	25.2	37.8
59	12.3	9.9	14.9





#23

Vinyl Acetate

Concen: 651.312 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4471370

Ion Ratio Lower Upper

43 100

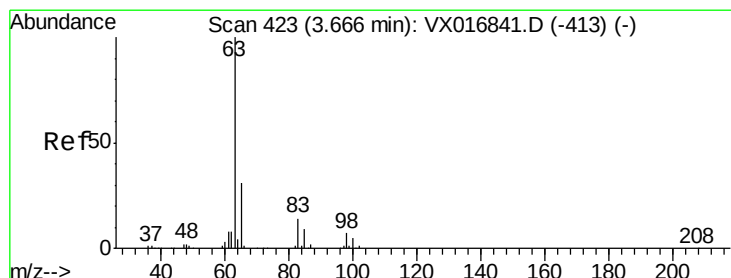
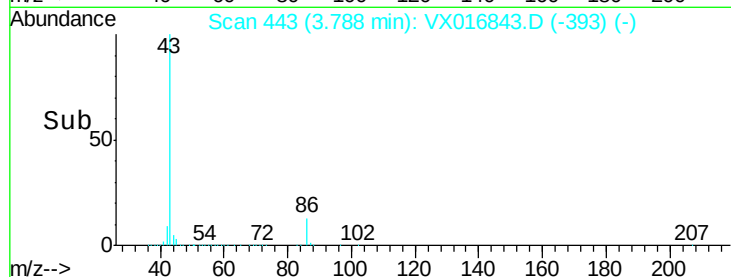
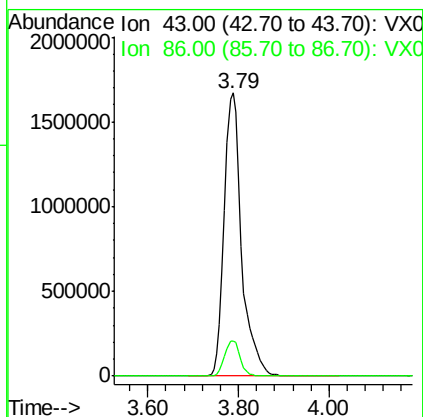
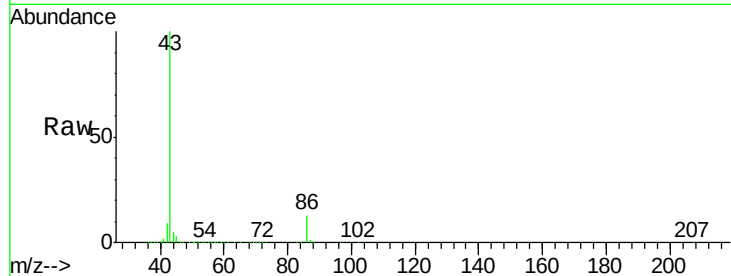
86 12.6 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 128.803 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

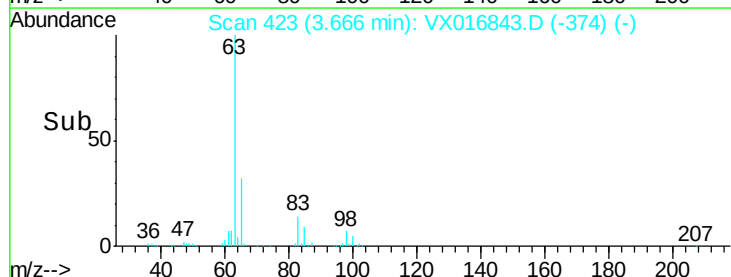
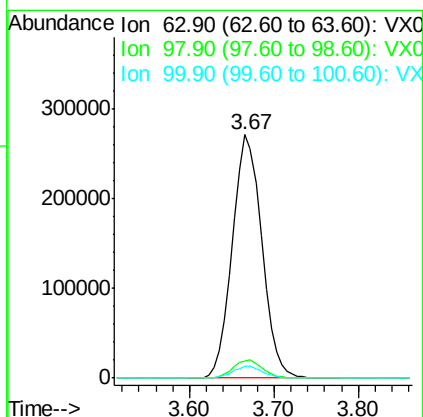
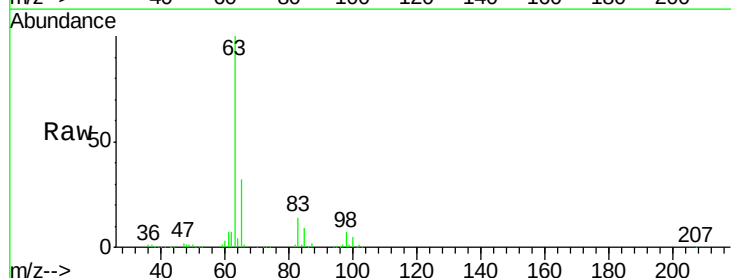
Tgt Ion: 63 Resp: 642690

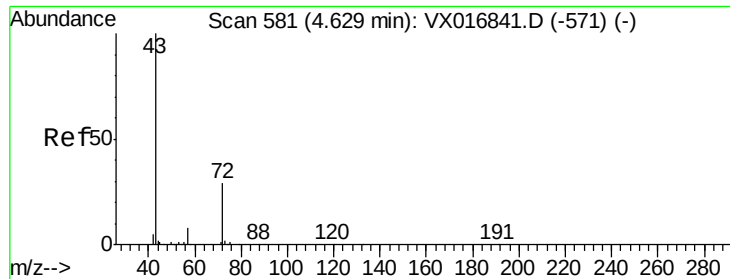
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 553.357 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1151653

Ion Ratio Lower Upper

43 100

72 29.5

23.5

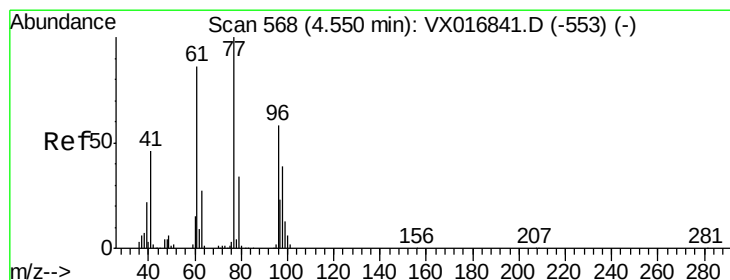
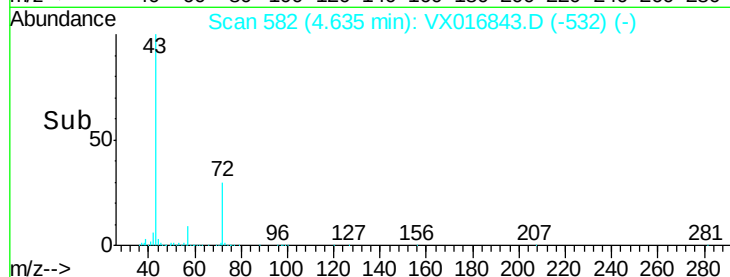
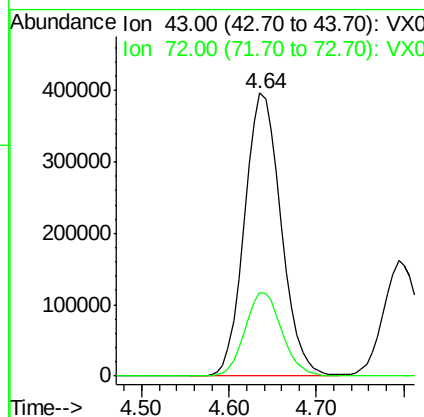
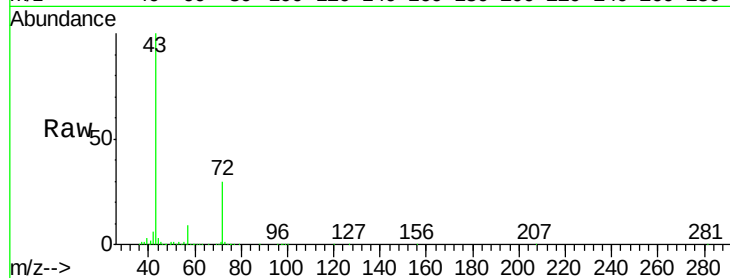
35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 126.671 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion: 77 Resp: 585074

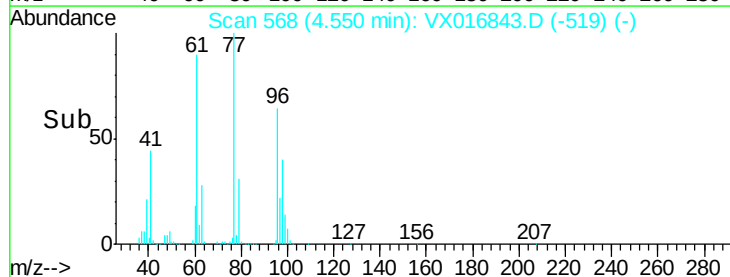
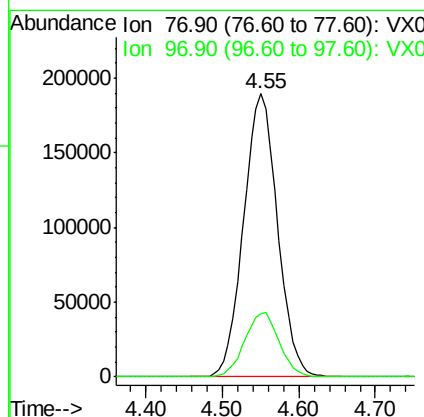
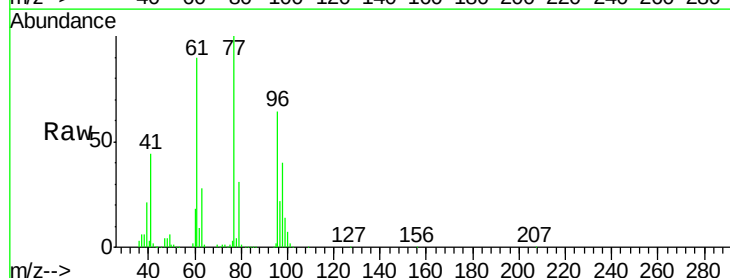
Ion Ratio Lower Upper

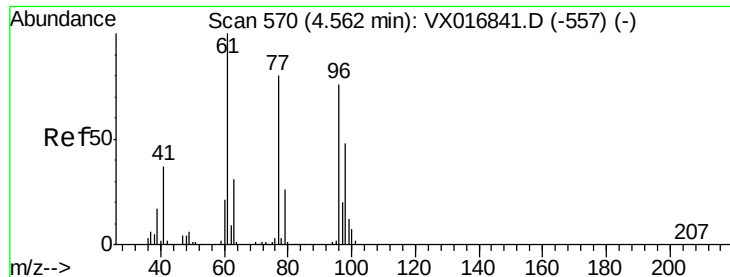
77 100

97 23.3

11.6

34.7





#27

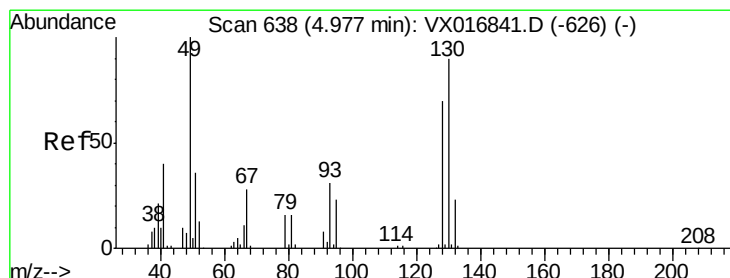
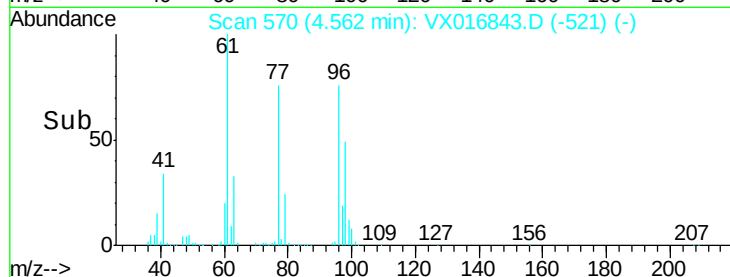
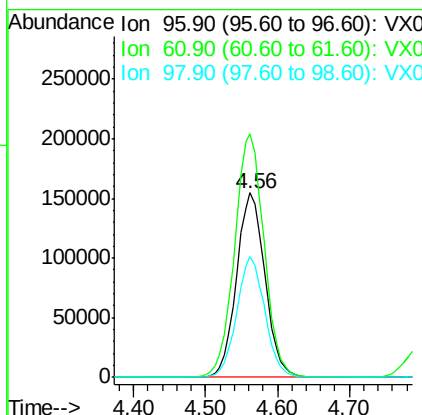
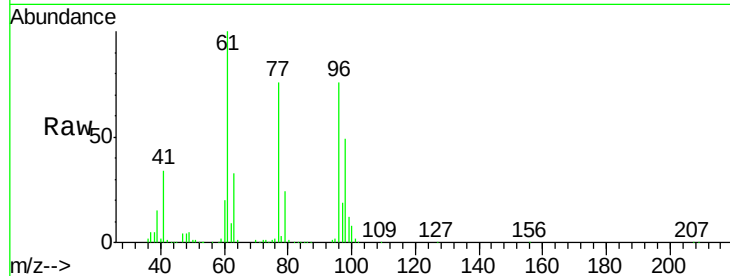
cis-1,2-Dichloroethene
Concen: 126.725 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	423620		
61	137.1	0.0	273.8	
98	64.8	0.0	129.0	

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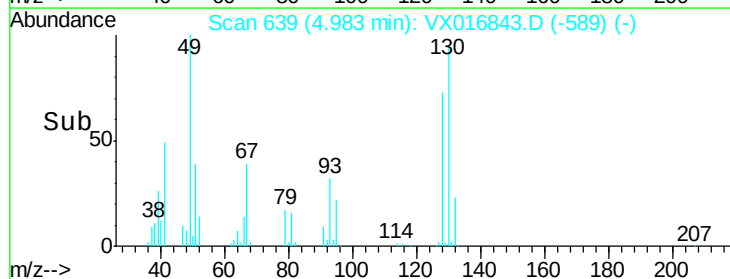
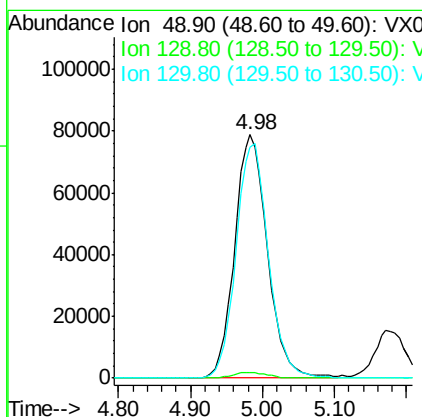
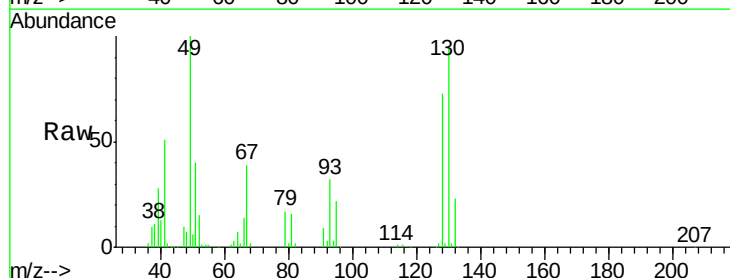
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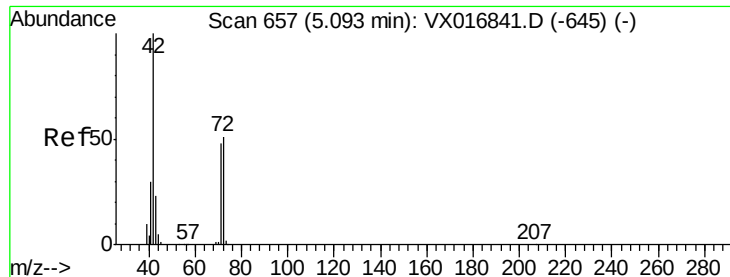


#28

Bromochloromethane
Concen: 117.353 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	249165		
129	2.5	0.0	5.0	
130	95.3	76.8	115.2	





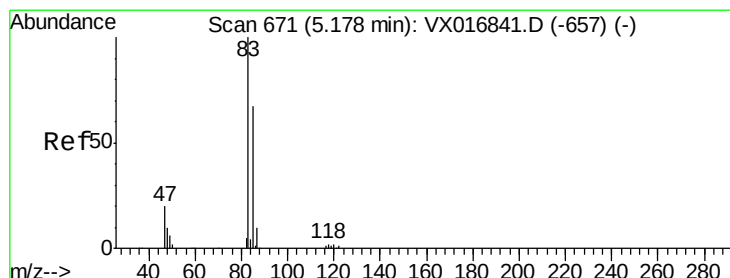
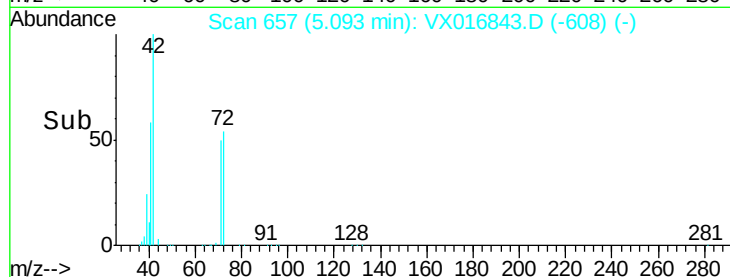
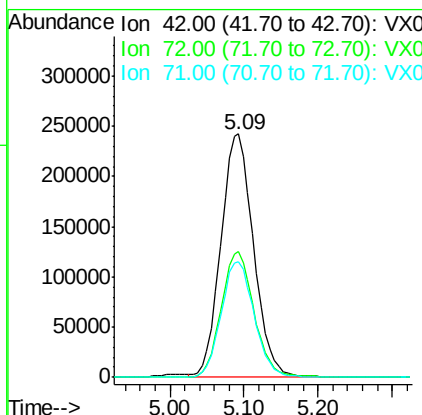
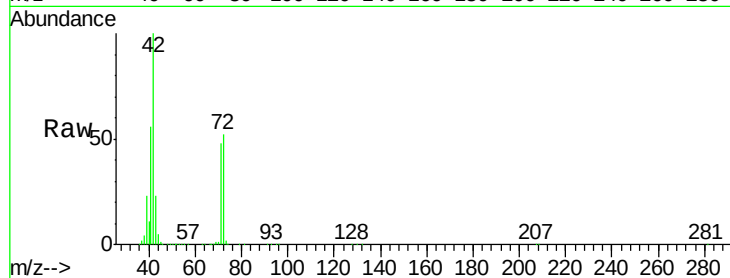
#29
Tetrahydrofuran
Concen: 549.235 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.2	41.1	61.7
71	48.0	38.4	57.6

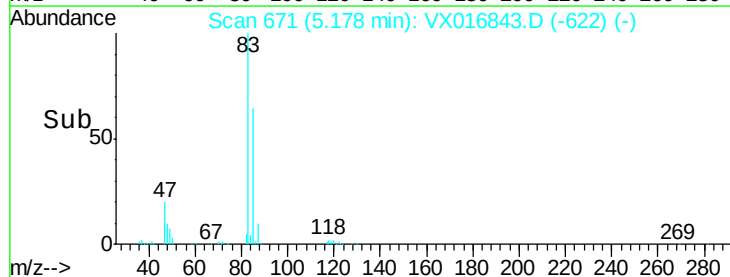
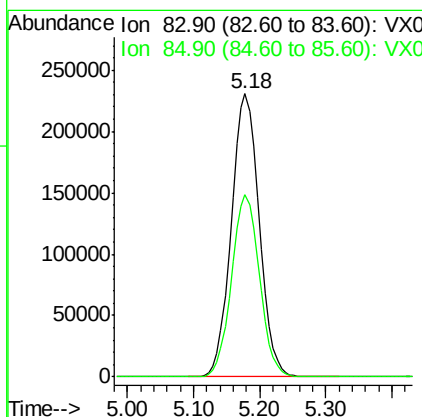
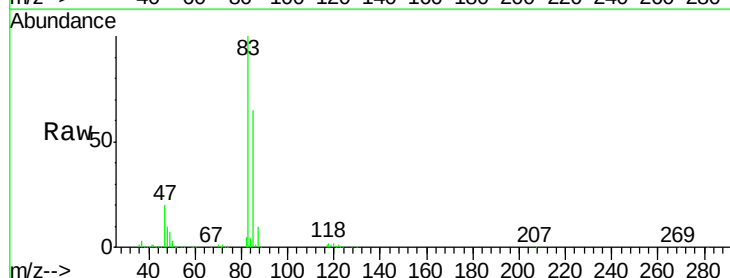
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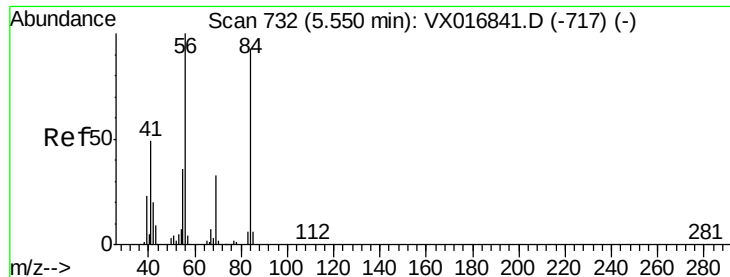
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#30
Chloroform
Concen: 127.948 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.4	80.0





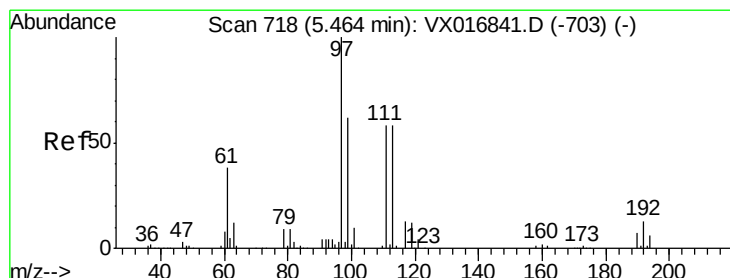
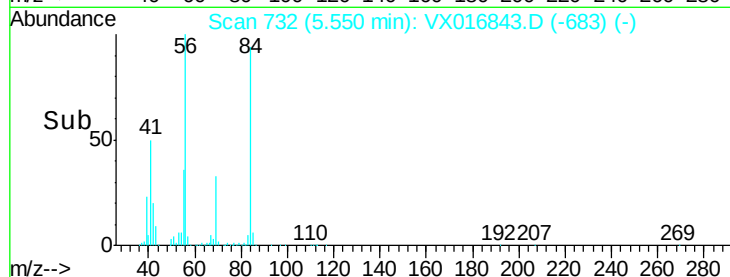
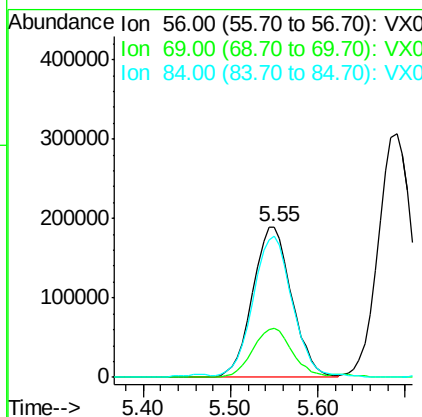
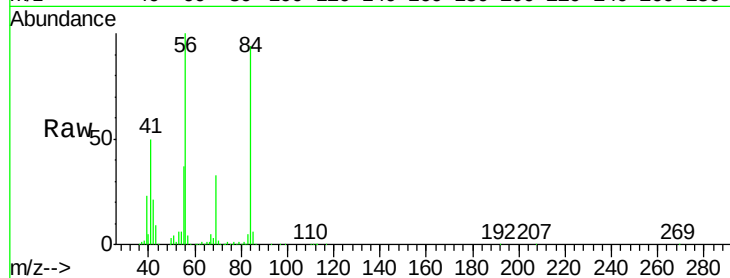
#31
Cyclohexane
Concen: 156.392 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.1	39.1
84	92.8	73.0	109.6

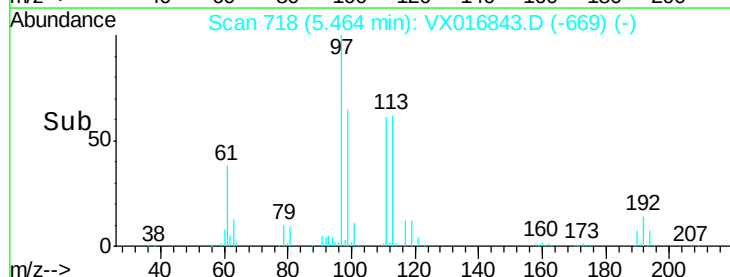
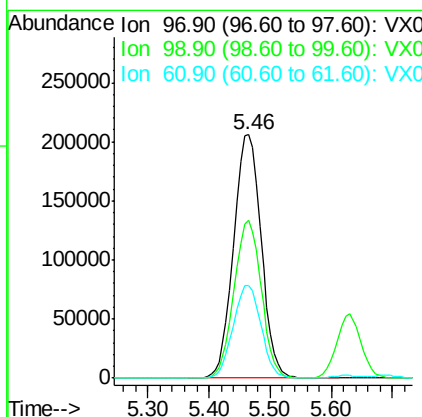
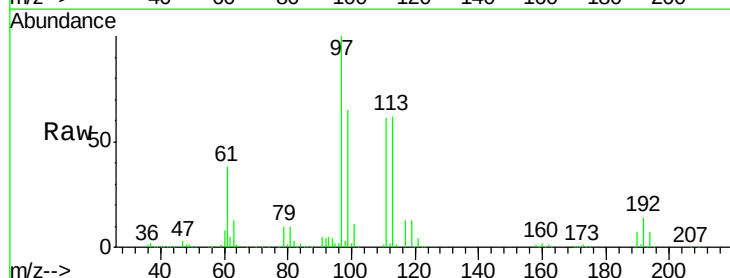
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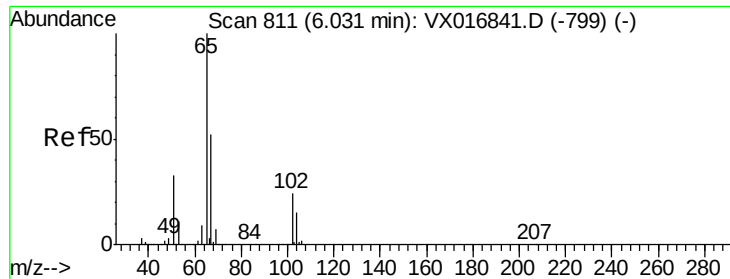
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 133.559 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	38.5	31.3	46.9





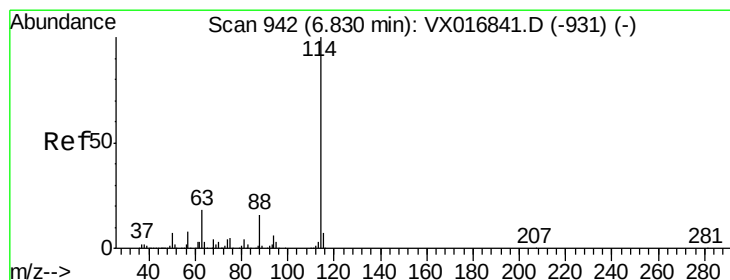
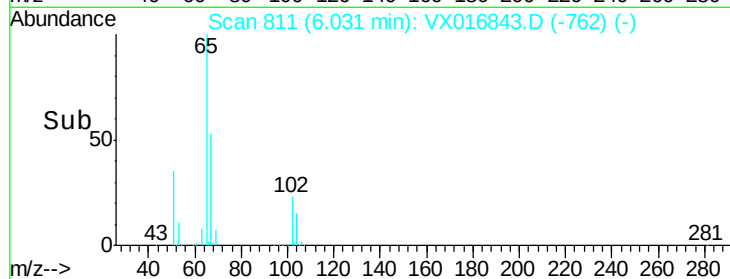
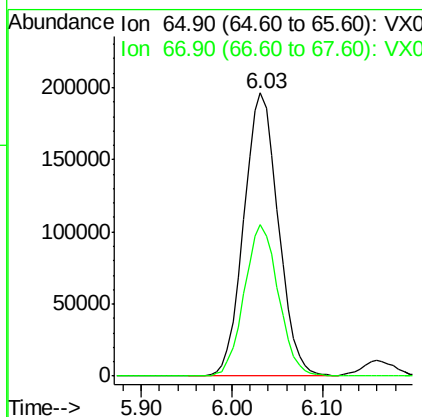
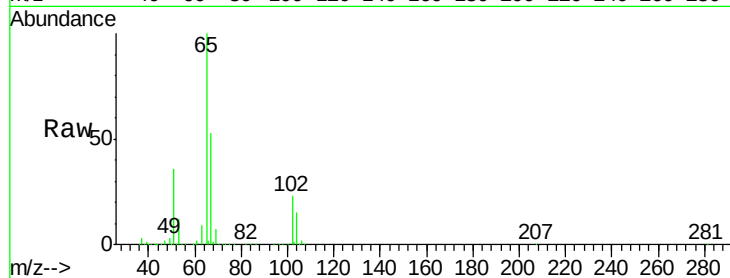
#33
 1,2-Dichloroethane-d4
 Concen: 156.270 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	102.6	

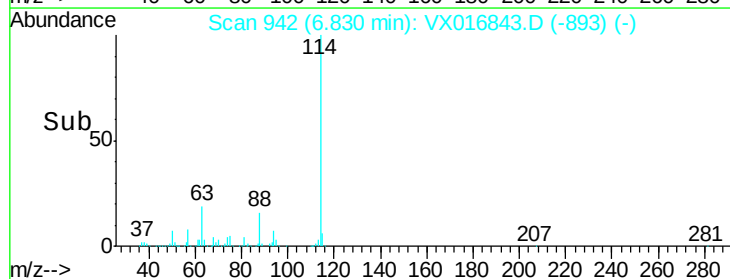
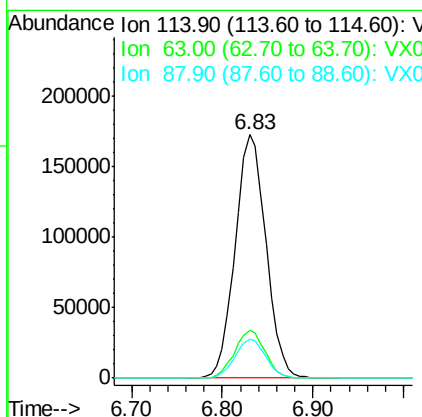
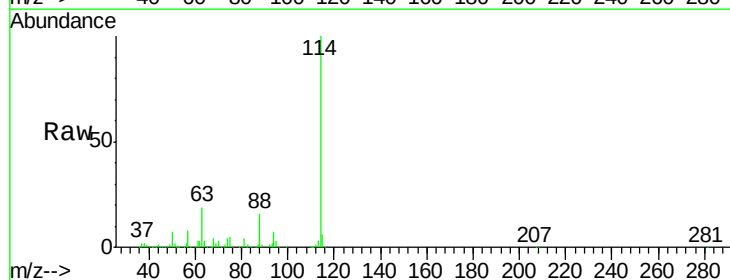
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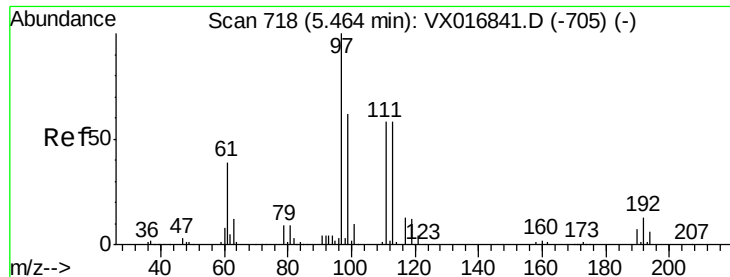
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	37.0	
88	16.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 142.425 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

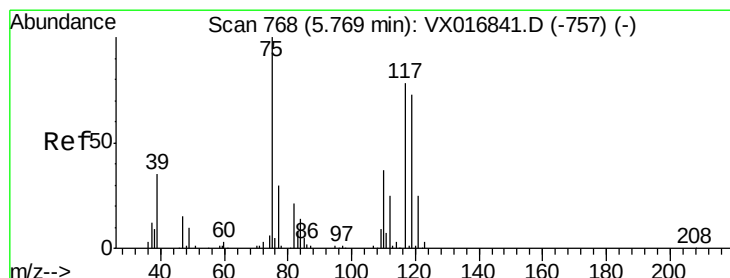
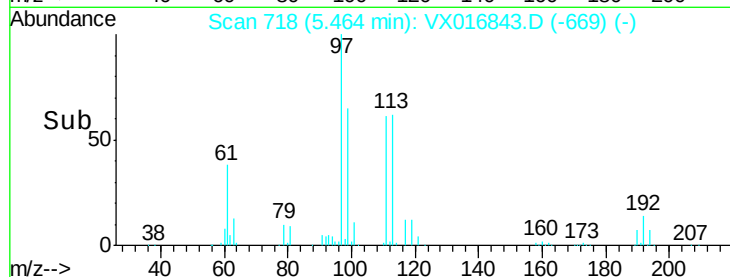
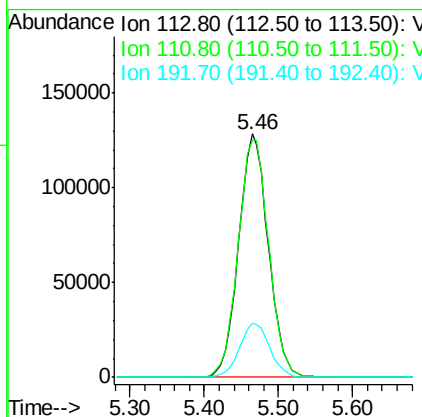
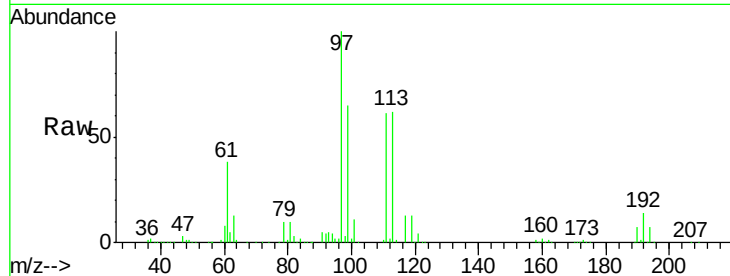
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	359455
Ion Ratio	Lower	Upper	
113	100		
111	100.7	81.0	121.4
192	22.7	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 159.887 ug/l

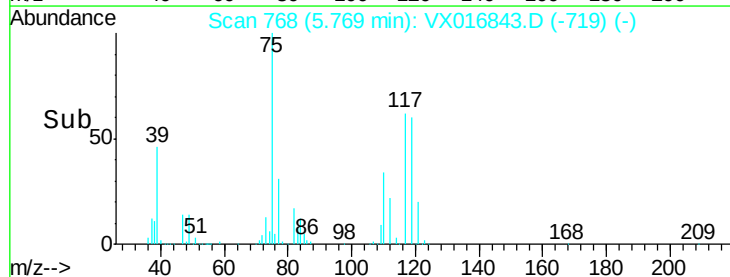
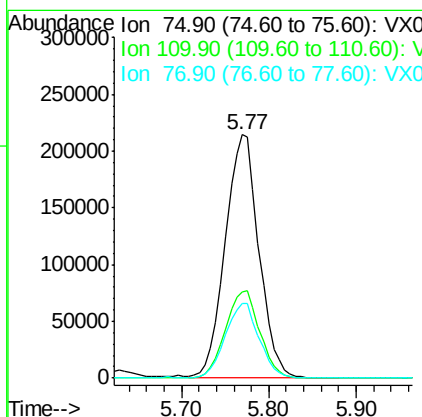
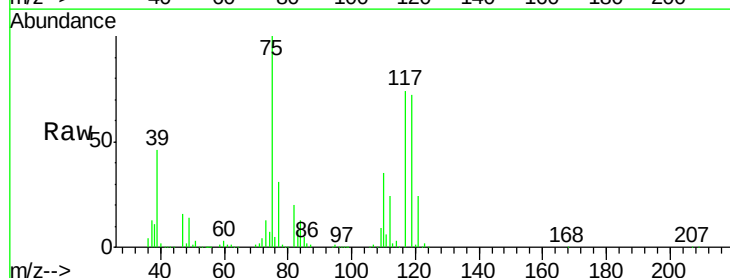
RT: 5.77 min Scan# 768

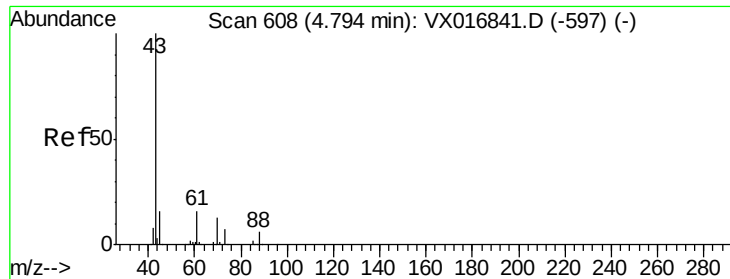
Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion:	75	Resp:	573038
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.9	56.9
77	30.9	25.6	38.4





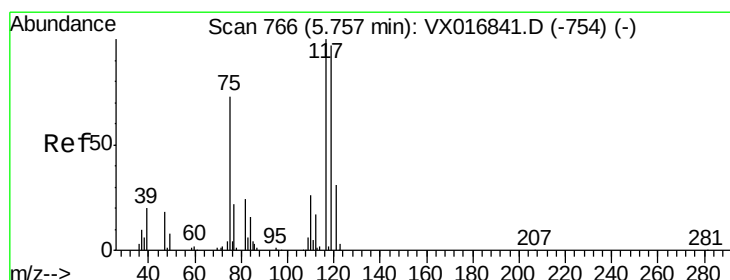
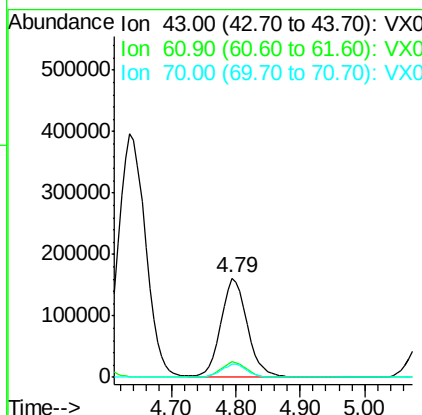
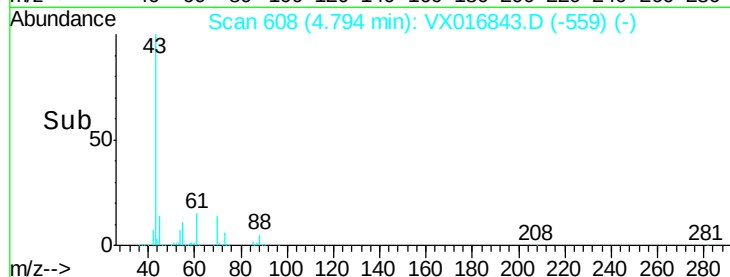
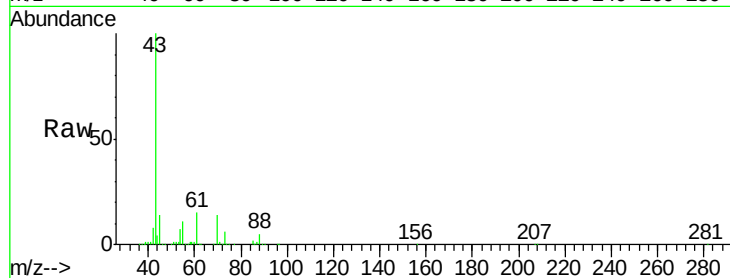
#37
Ethyl Acetate
Concen: 121.597 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.2	18.2
70	13.0	10.5	15.7

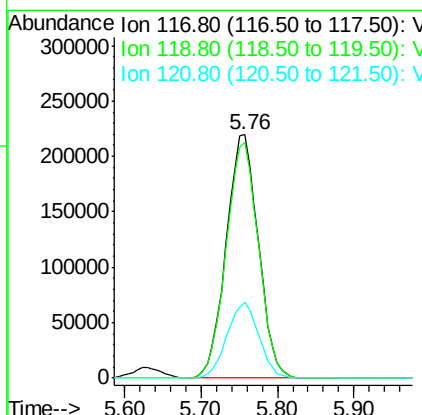
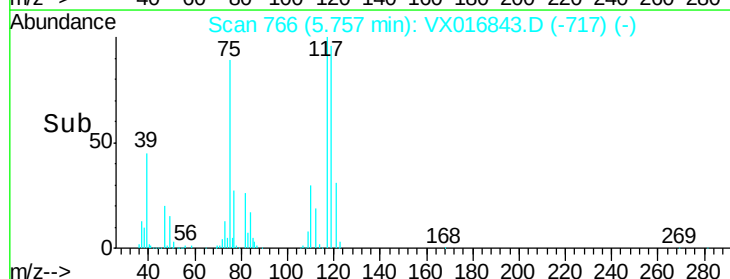
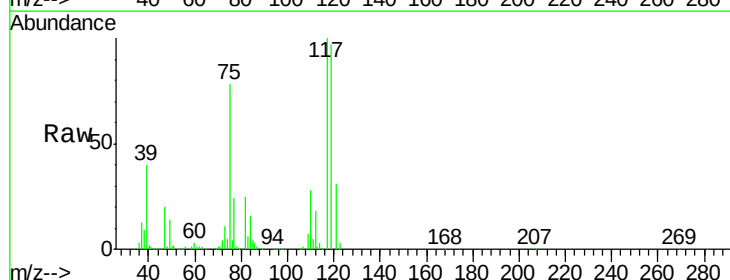
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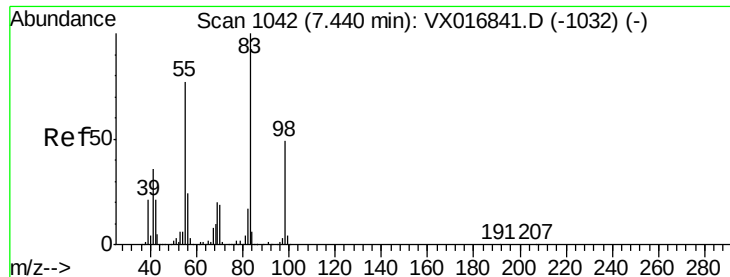
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#38
Carbon Tetrachloride
Concen: 156.714 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.2
121	31.3	24.7	37.1





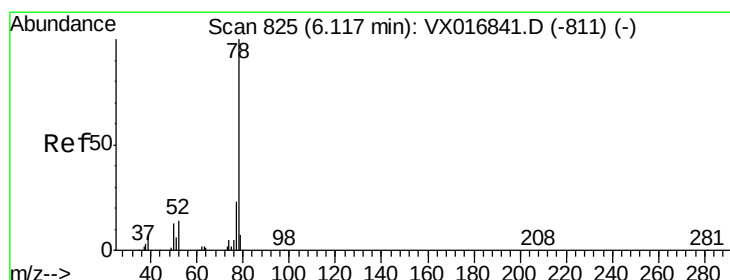
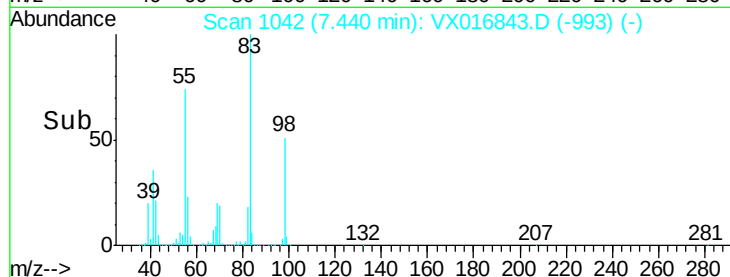
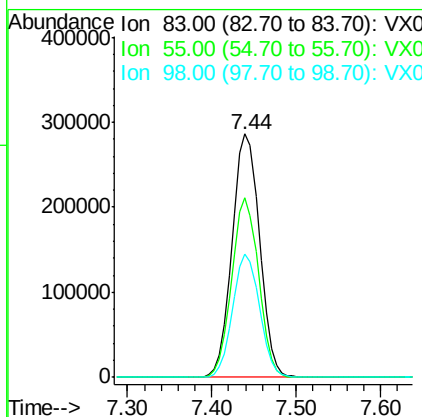
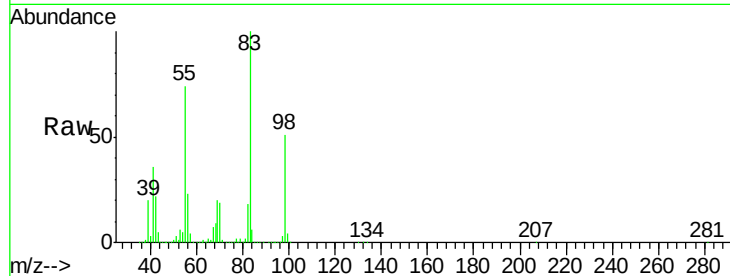
#39
Methylvlcyclohexane
Concen: 162.301 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.7	92.5
98	50.7	39.0	58.6

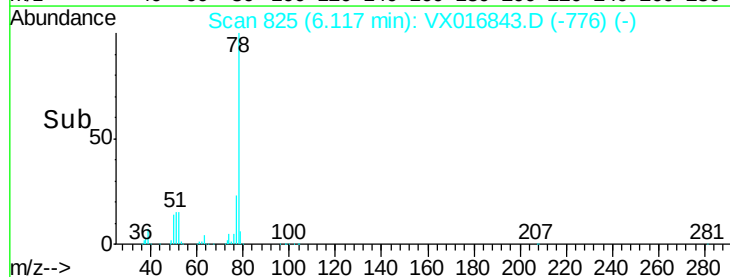
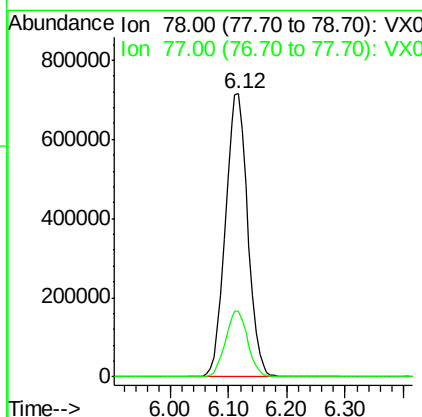
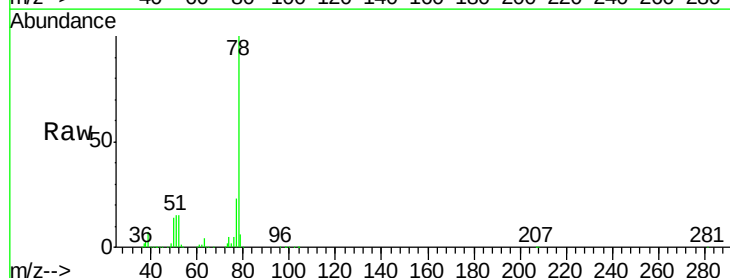
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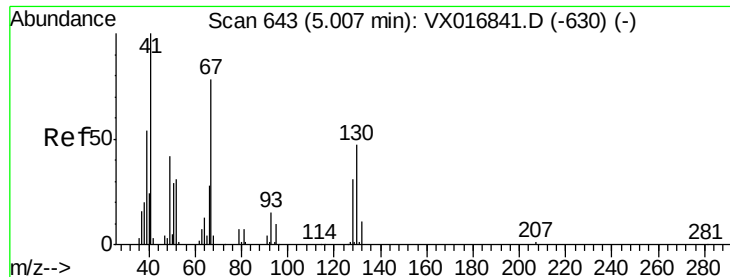
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#40
Benzene
Concen: 173.565 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





#41

Methacrylonitrile

Concen: 123.520 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

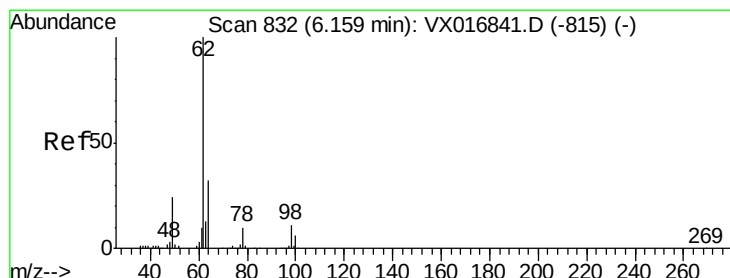
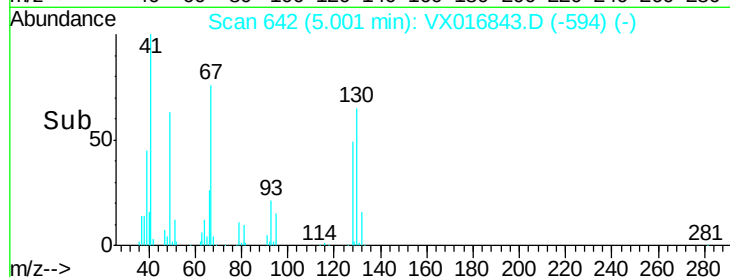
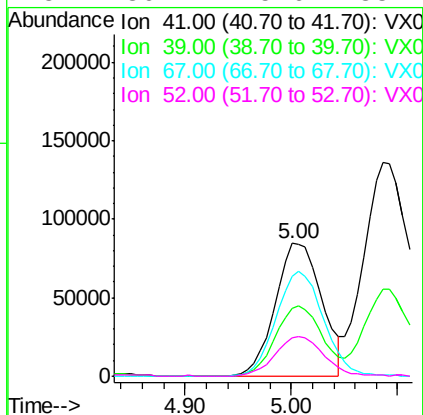
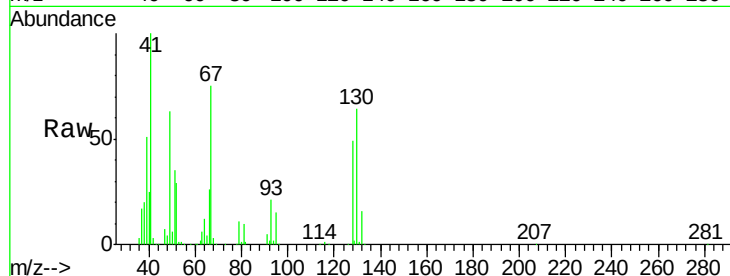
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	42.6	64.0	
67	81.0	64.2	96.2	
52	30.7	25.6	38.4	

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#42

1,2-Dichloroethane

Concen: 161.779 ug/l

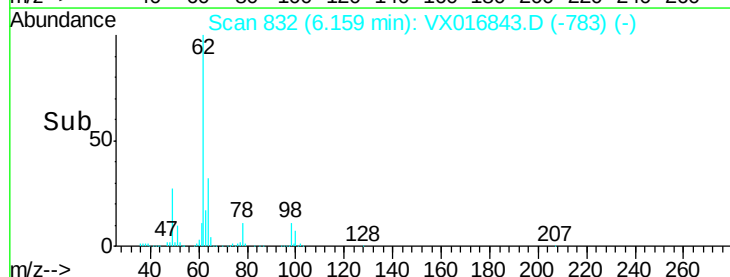
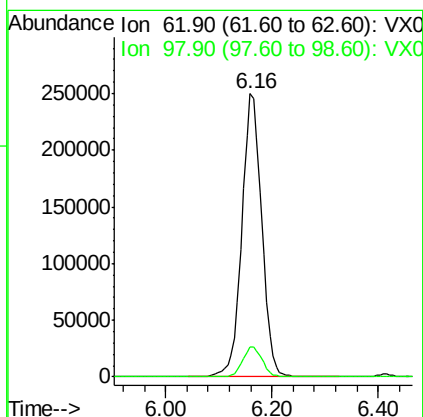
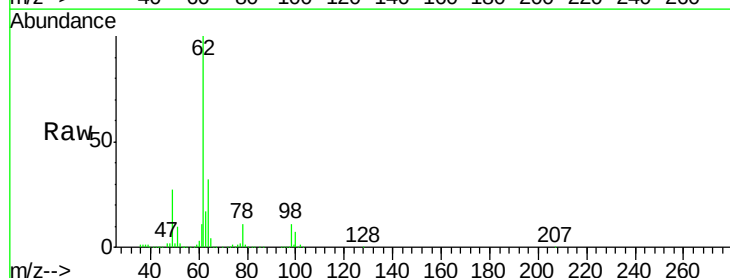
RT: 6.16 min Scan# 832

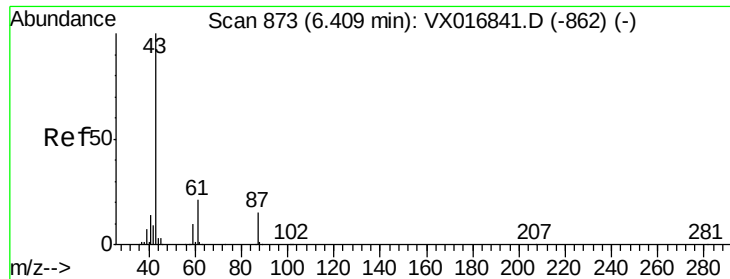
Delta R.T. -0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.8	





#43

Isopropyl Acetate

Concen: 164.763 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 1015486

Ion Ratio Lower Upper

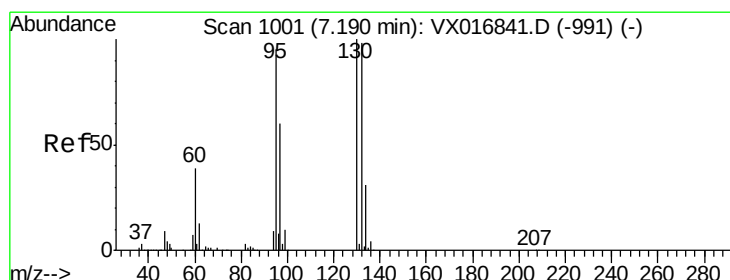
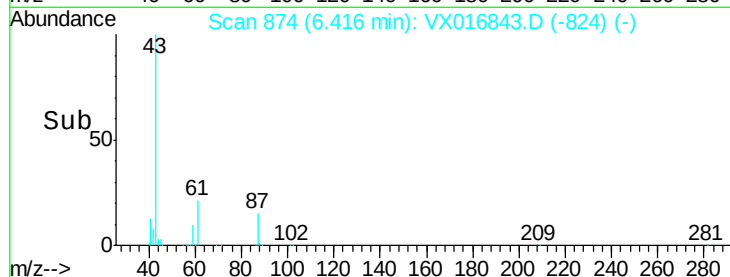
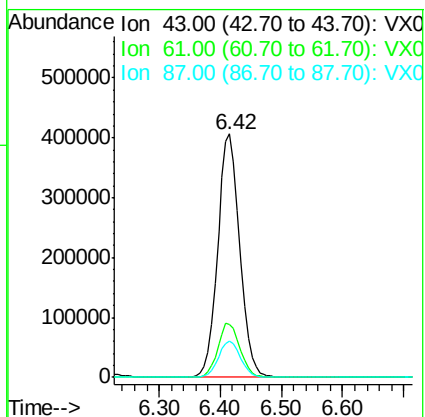
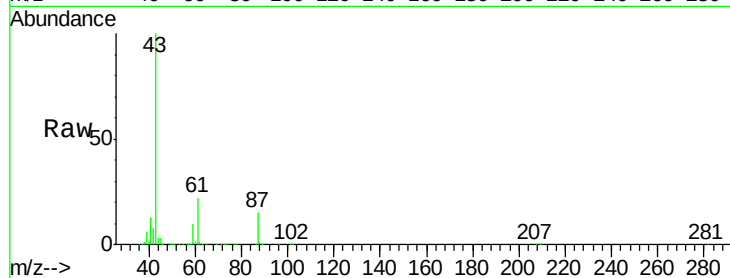
43 100

61 22.3 17.9 26.9

87 14.9 12.4 18.6

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#44

Trichloroethene

Concen: 129.715 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016843.D

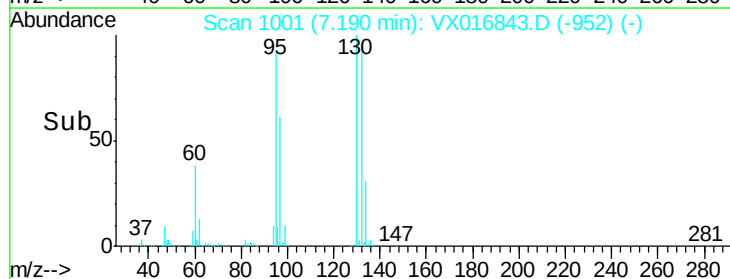
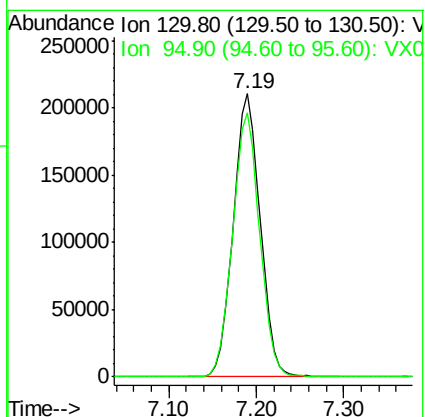
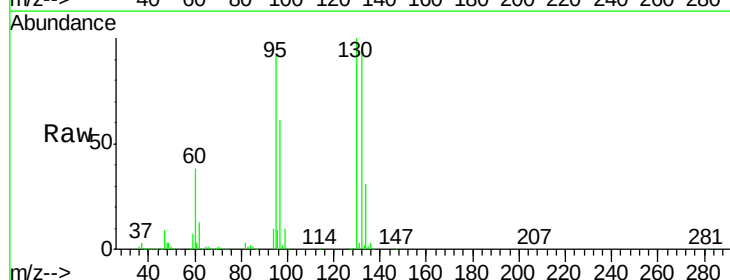
Acq: 18 Jun 2020 12:32

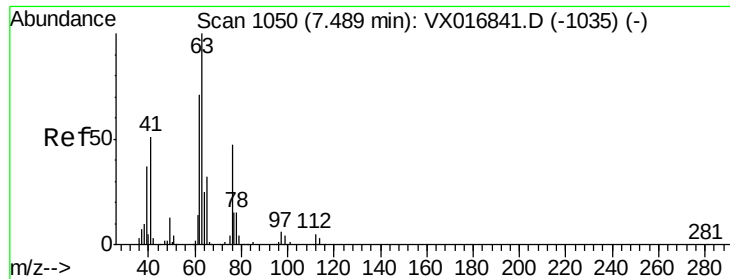
Tgt Ion: 130 Resp: 451928

Ion Ratio Lower Upper

130 100

95 93.4 0.0 190.8





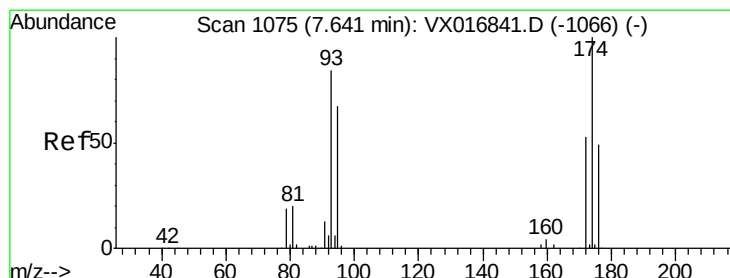
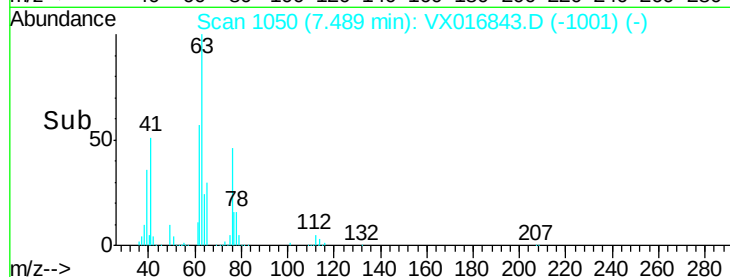
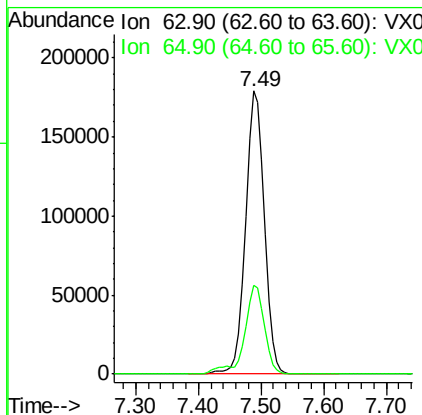
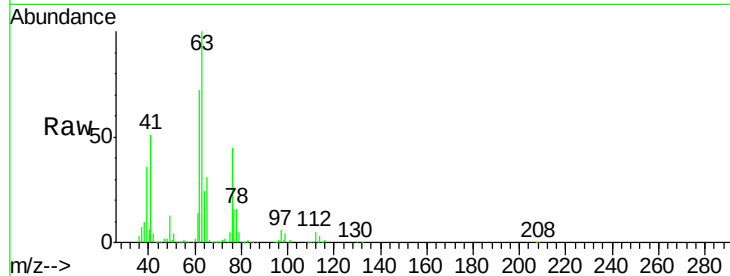
#45
 1,2-Dichloropropane
 Concen: 137.493 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.8	38.8

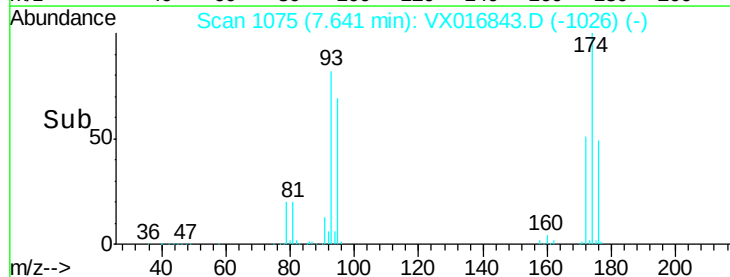
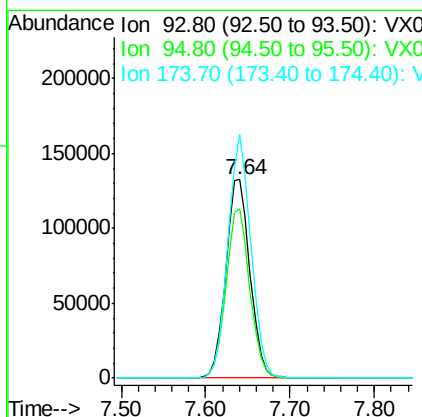
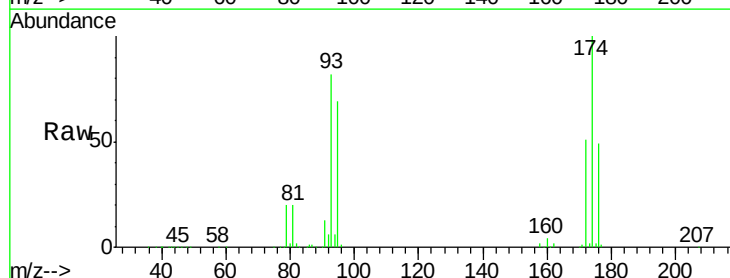
Manual Integrations
 APPROVED

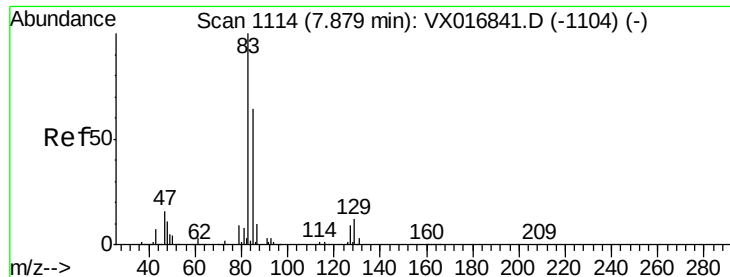
MMDadoda
 6/19/2020 12:50:07 PM



#46
 Dibromomethane
 Concen: 133.252 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.7	98.5
174	116.6	92.8	139.2





#47

Bromodichloromethane

Concen: 138.049 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

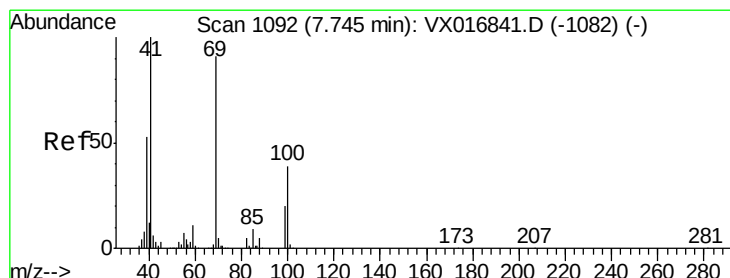
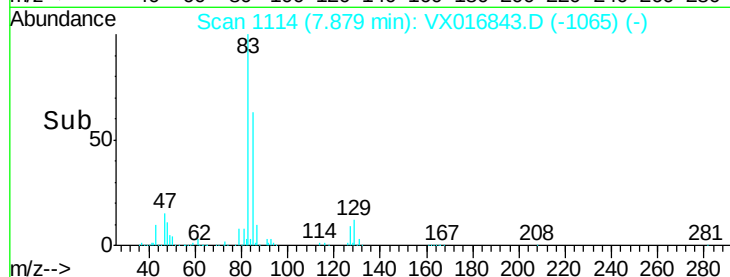
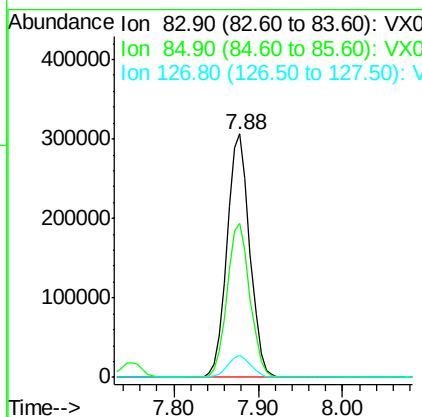
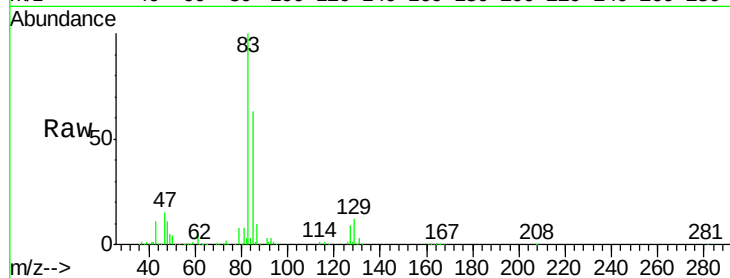
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	560636
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3
127	9.2	7.4	11.0

Manual Integrations
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6/19/2020 12:50:07 PM



#48

Methyl methacrylate

Concen: 135.648 ug/l

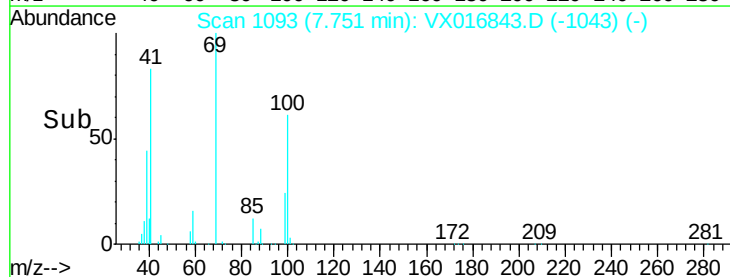
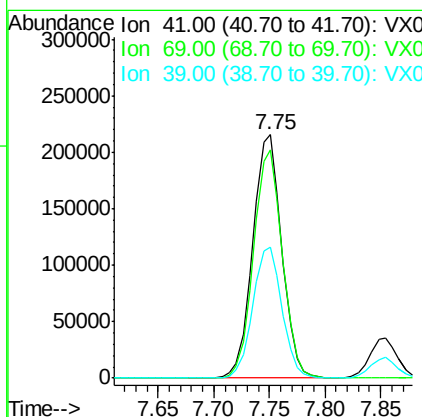
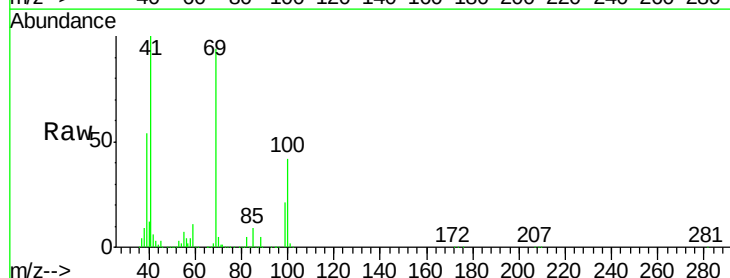
RT: 7.75 min Scan# 1093

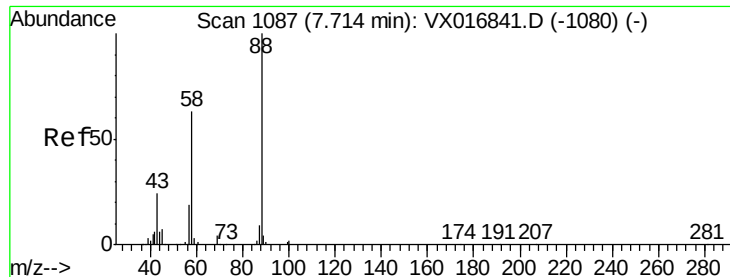
Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion:	41	Resp:	391874
Ion	Ratio	Lower	Upper
41	100		
69	93.5	73.3	109.9
39	54.0	42.4	63.6





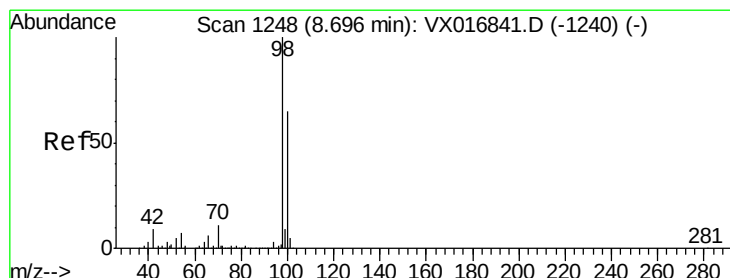
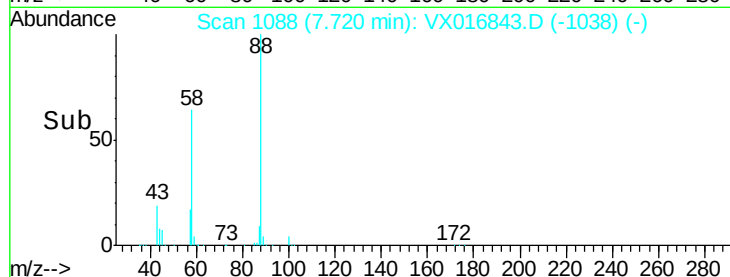
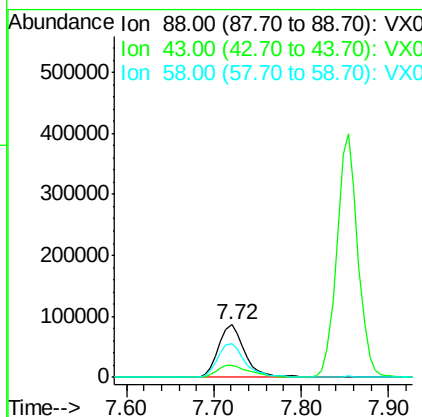
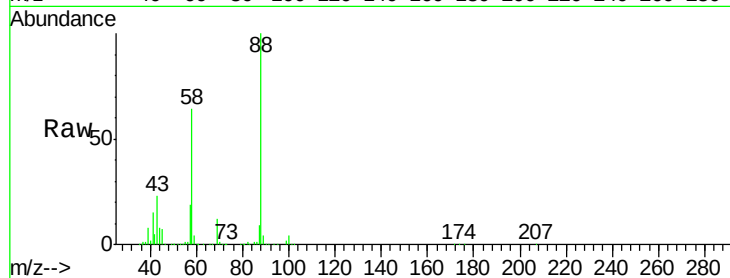
#49
1,4-Dioxane
Concen: 2580.782 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.1	22.7	34.1
58	66.6	53.1	79.7

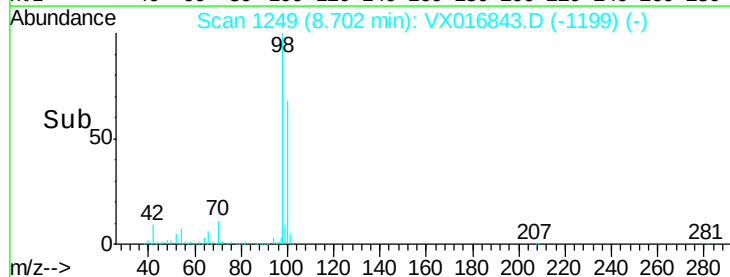
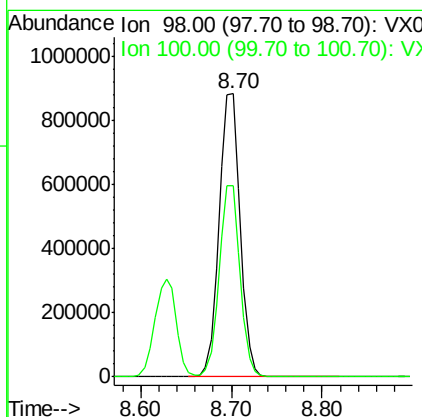
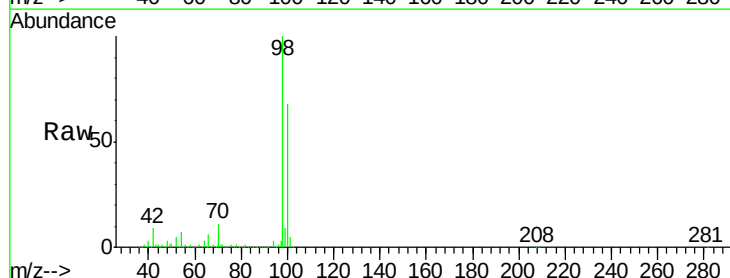
Manual Integrations
APPROVED

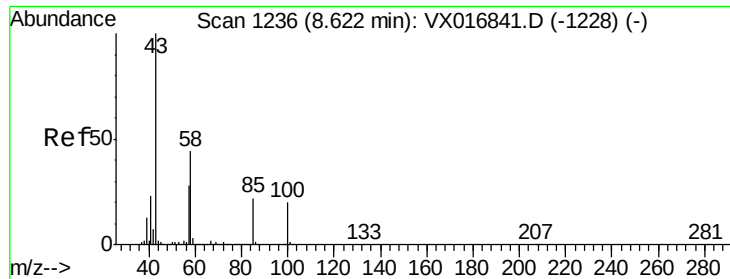
MMDadoda
6/19/2020 12:50:07 PM



#50
Toluene-d8
Concen: 152.265 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.0	81.0





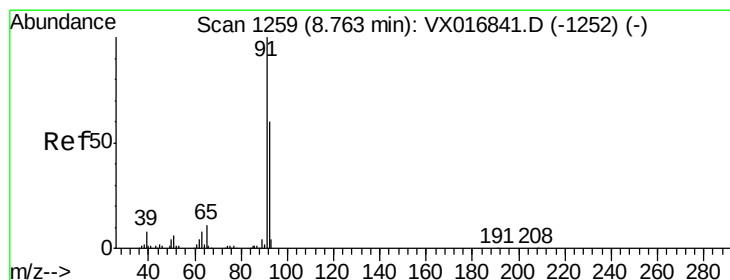
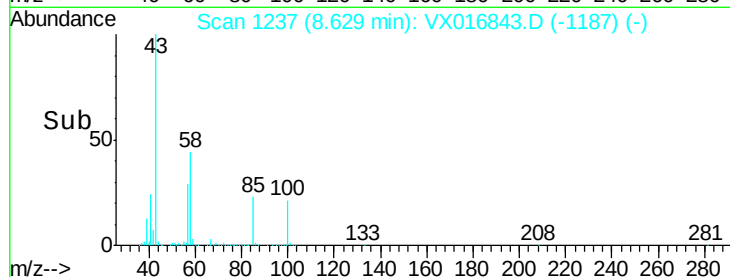
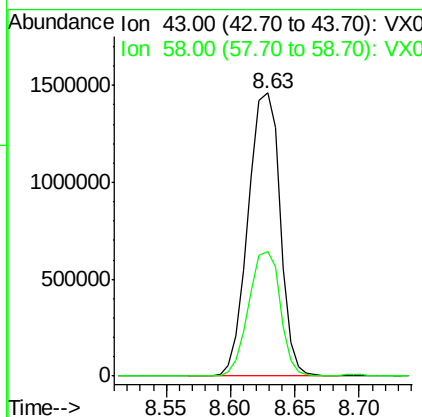
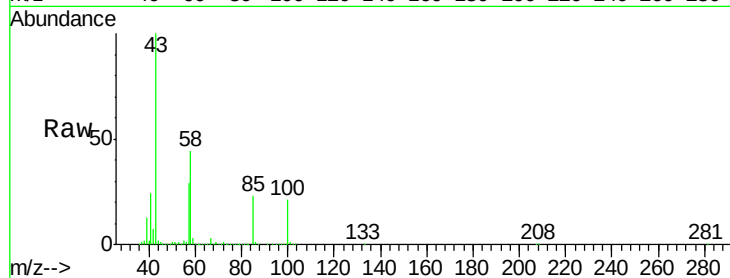
#51
4-Methyl-2-Pentanone
Concen: 668.671 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2502999
Ion Ratio Lower Upper
43 100
58 43.6 34.3 51.5

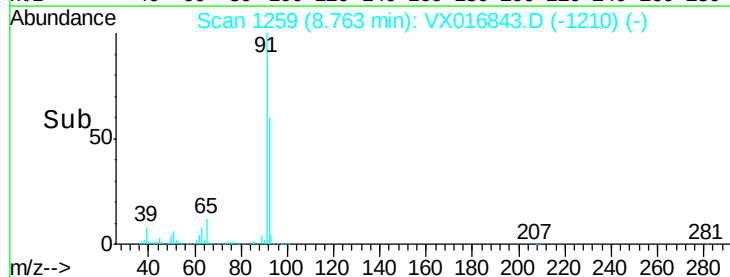
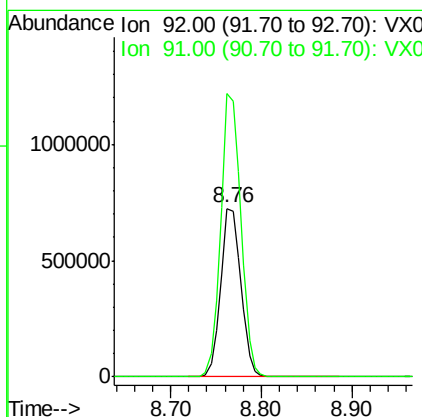
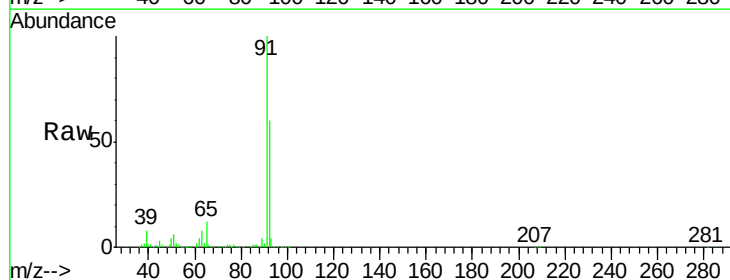
Manual Integrations
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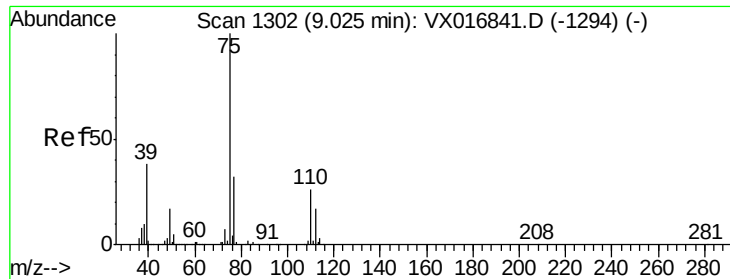
MMDadoda
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#52
Toluene
Concen: 158.647 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion: 92 Resp: 1127878
Ion Ratio Lower Upper
92 100
91 167.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 144.145 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 659481

Ion Ratio Lower Upper

75 100

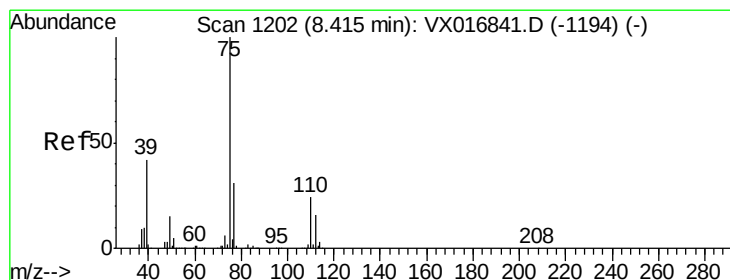
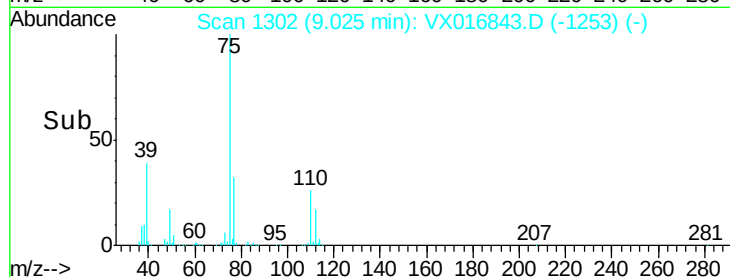
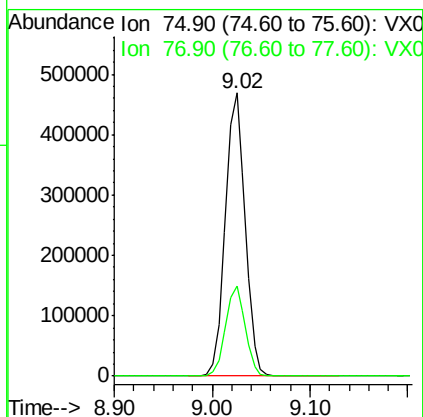
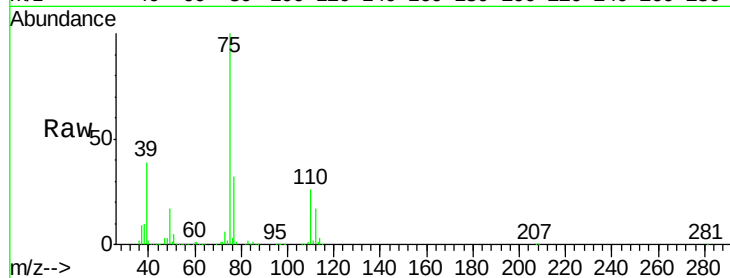
77 31.8 25.3 37.9

Manual Integrations

APPROVED

MMDadoda

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#54

cis-1,3-Dichloropropene

Concen: 140.032 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

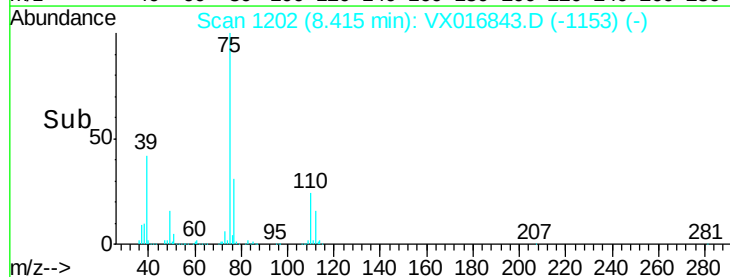
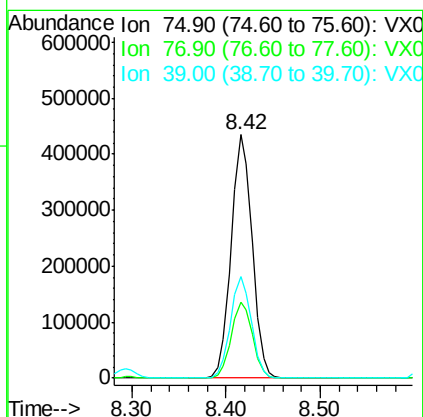
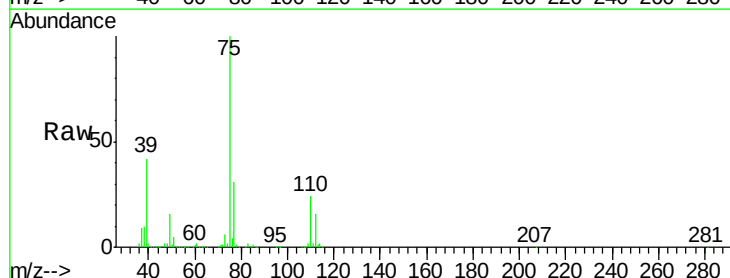
Tgt Ion: 75 Resp: 670791

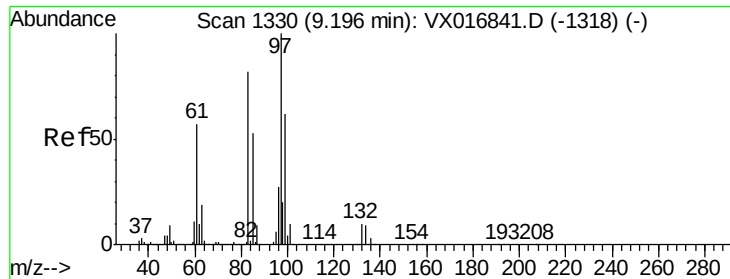
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 41.7 33.4 50.0





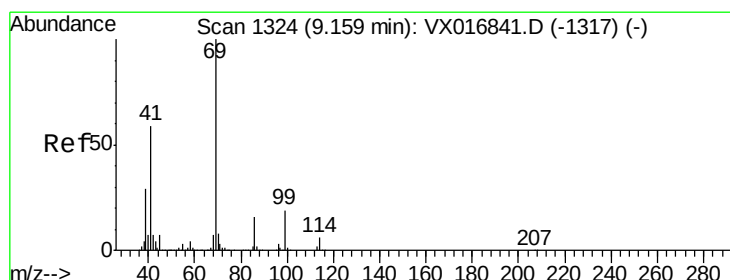
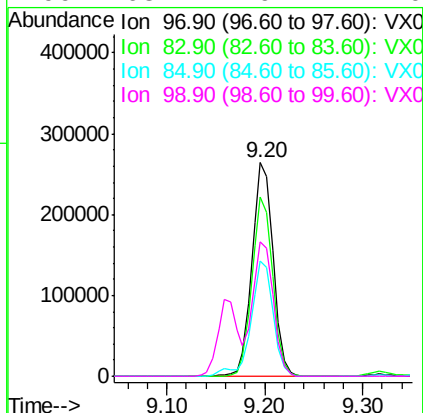
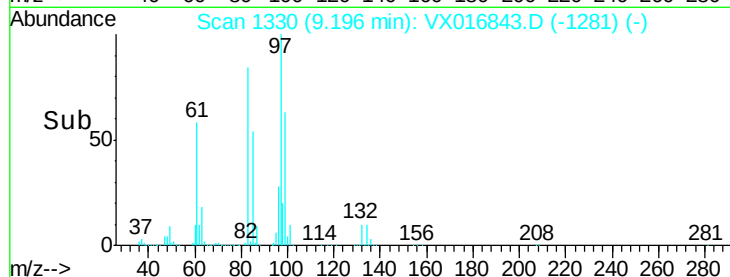
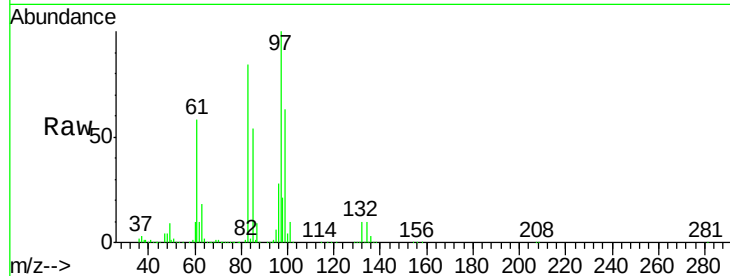
#55
 1,1,2-Trichloroethane
 Concen: 137.314 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		396272		
83	84.0	65.5	98.3		
85	53.8	42.6	63.8		
99	63.1	49.4	74.0		

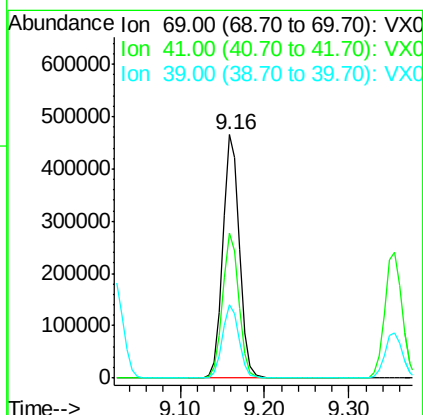
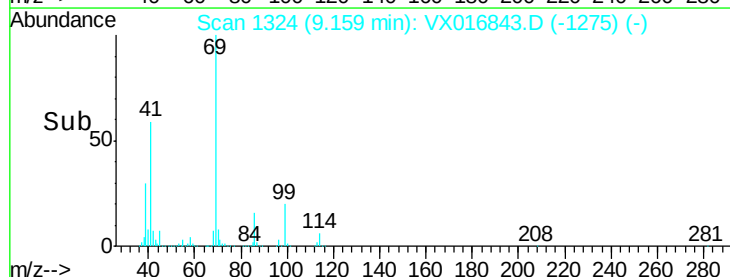
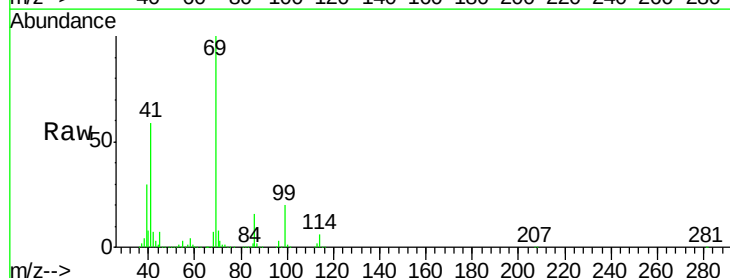
Manual Integrations
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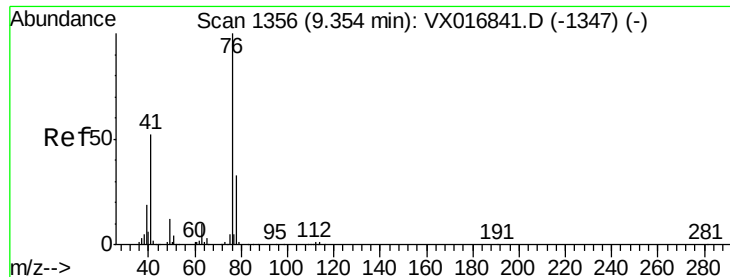
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 6/19/2020 12:50:07 PM



#56
 Ethyl methacrylate
 Concen: 145.776 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		631474		
41	58.8	47.9	71.9		
39	30.2	24.2	36.4		





#57

1,3-Dichloropropane

Concen: 137.062 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 666726

Ion Ratio Lower Upper

76 100

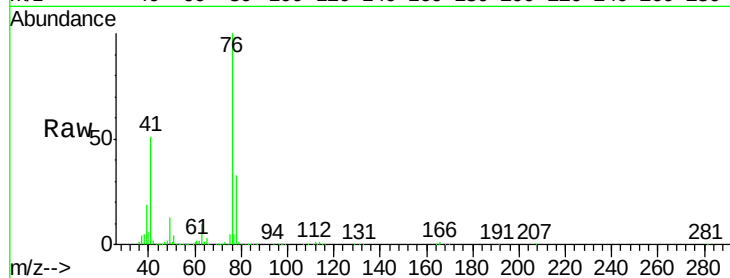
78 32.6 25.8 38.6

Manual Integrations

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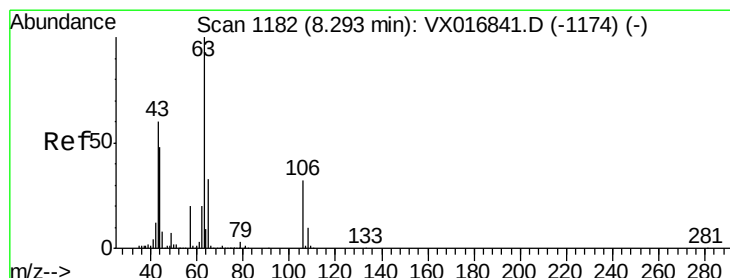
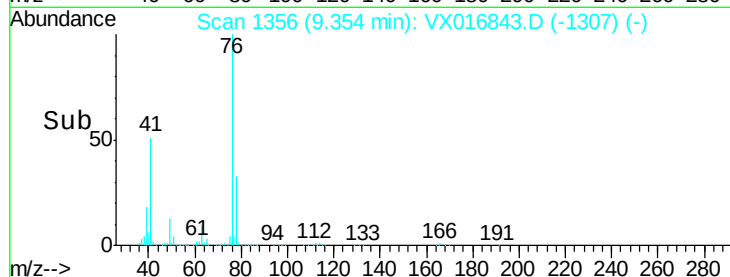
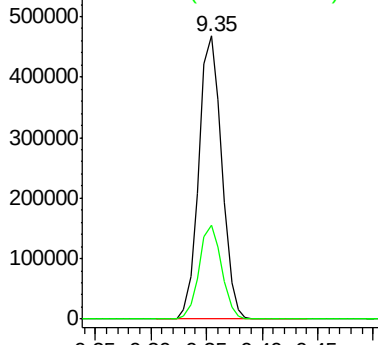
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 708.799 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016843.D

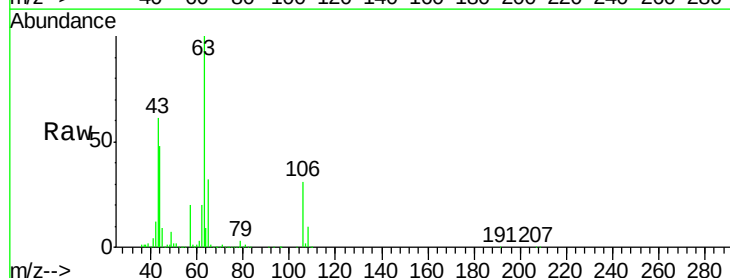
Acq: 18 Jun 2020 12:32

Tgt Ion: 63 Resp: 1475947

Ion Ratio Lower Upper

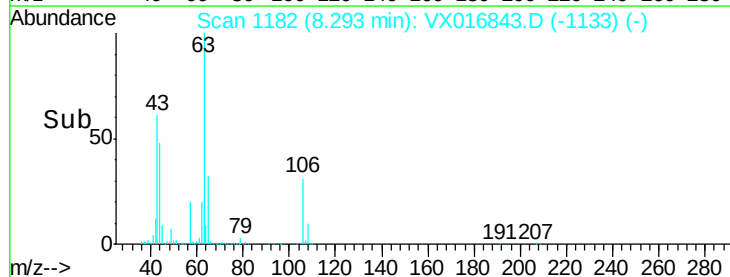
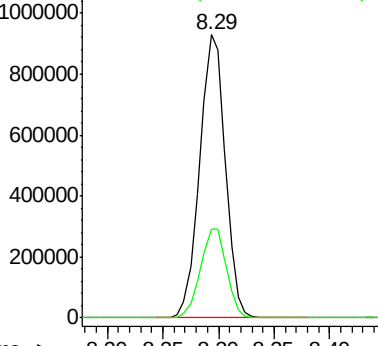
63 100

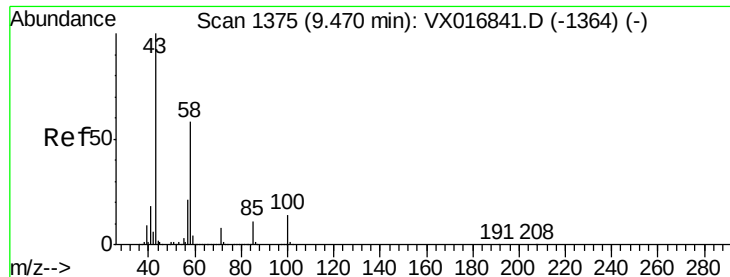
106 32.1 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





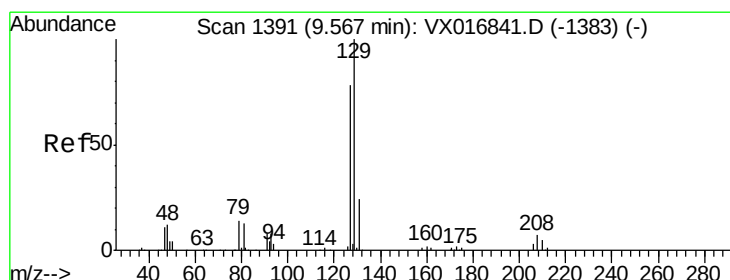
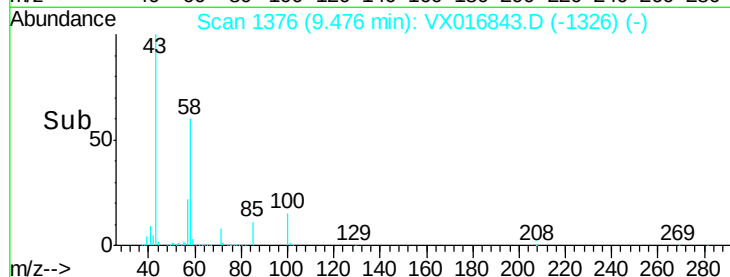
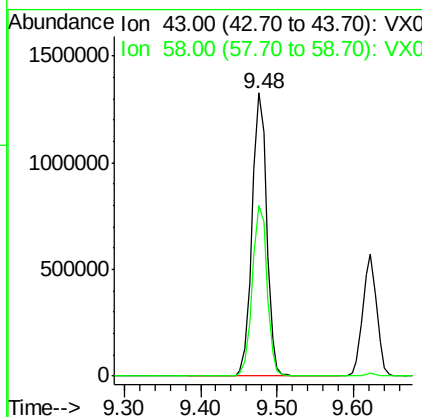
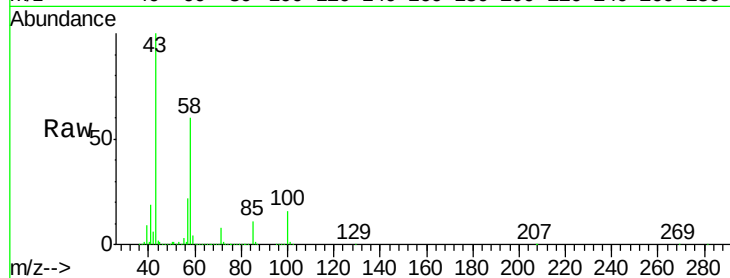
#59
2-Hexanone
Concen: 614.209 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 1764512
Ion Ratio Lower Upper
43 100
58 60.8 29.8 89.4

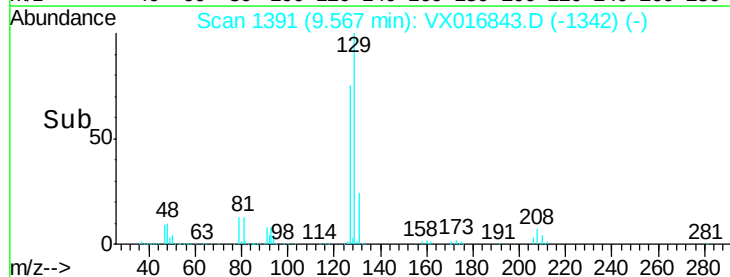
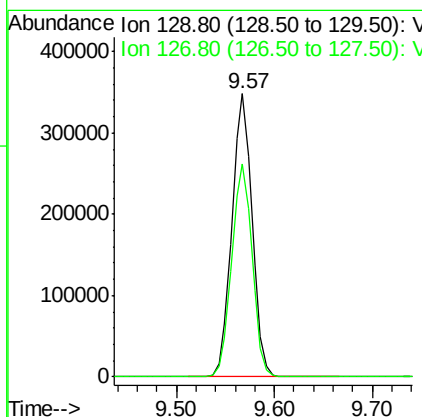
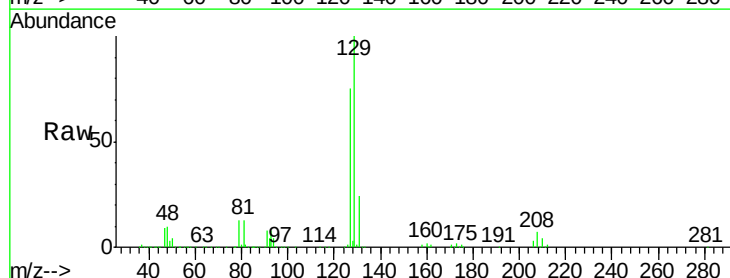
Manual Integrations
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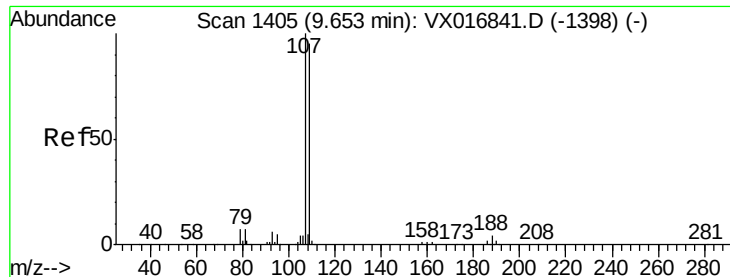
MMDadoda
6/19/2020 12:50:07 PM



#60
Dibromochloromethane
Concen: 146.305 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion: 129 Resp: 499618
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 136.905 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 425891

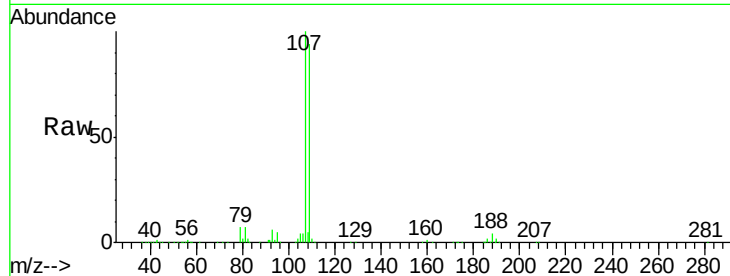
Ion Ratio Lower Upper

107 100

109 96.2 75.4 113.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

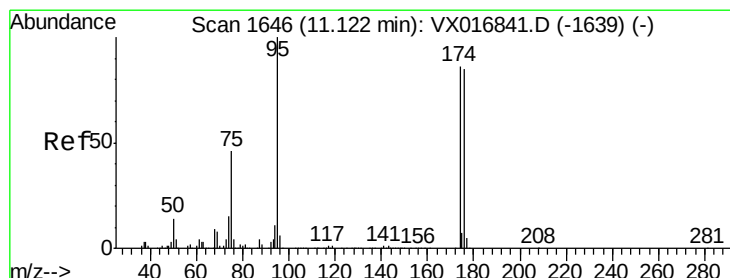
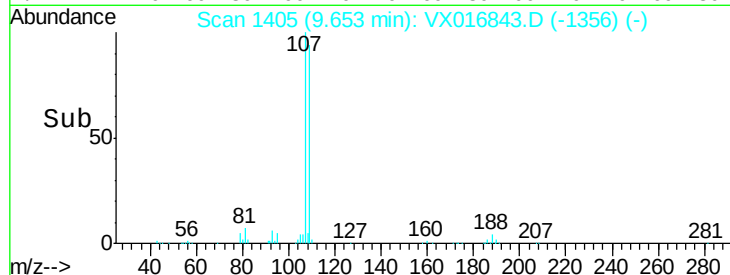
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 153.789 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

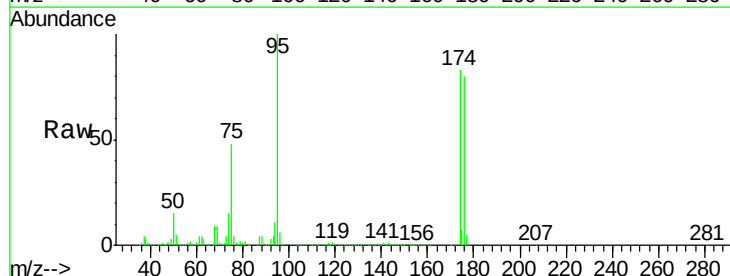
Tgt Ion: 95 Resp: 550007

Ion Ratio Lower Upper

95 100

174 86.3 0.0 174.2

176 84.6 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

600000

500000

400000

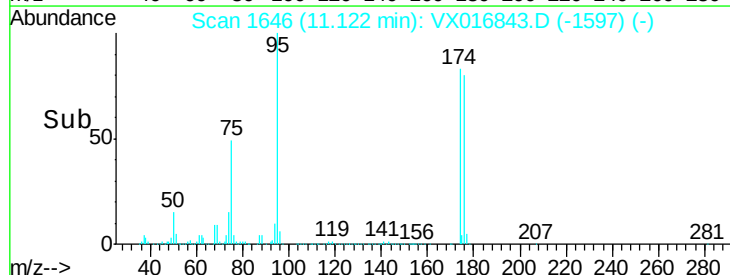
300000

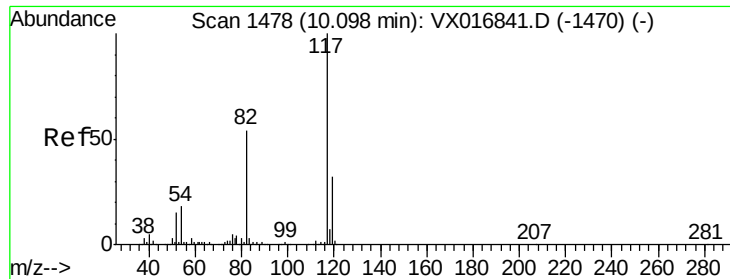
200000

100000

0

Time-->





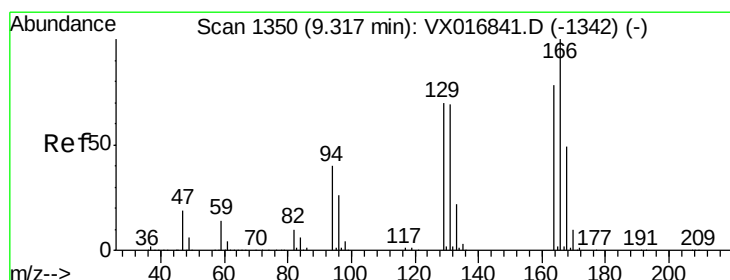
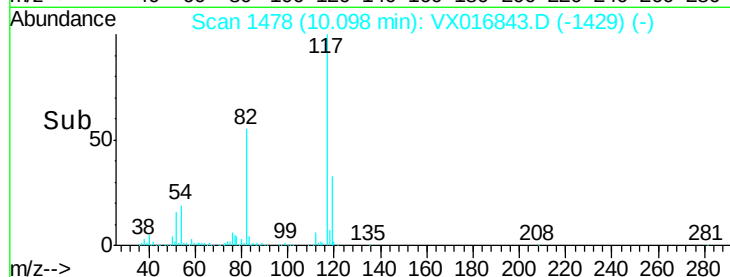
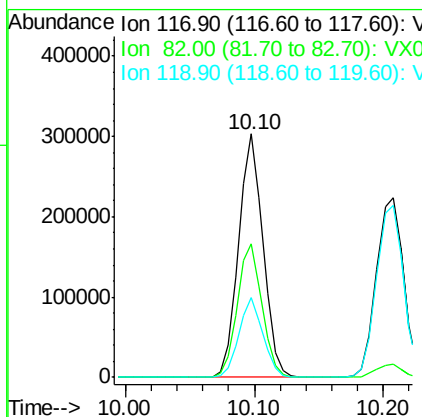
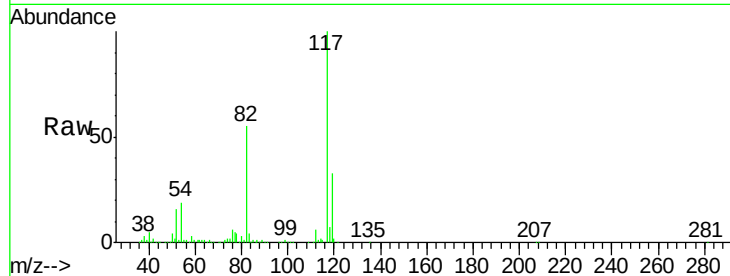
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398509		
82	55.0		43.4	65.0
119	32.8		25.7	38.5

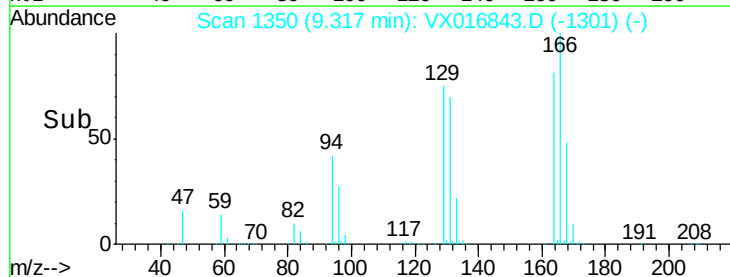
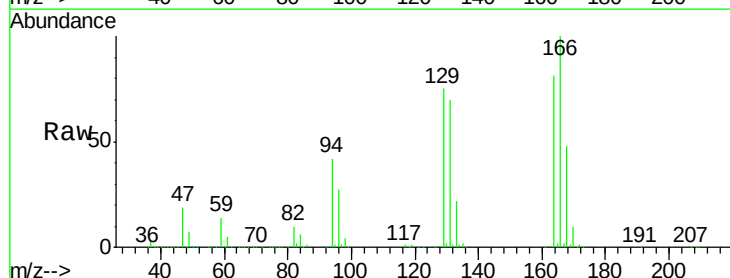
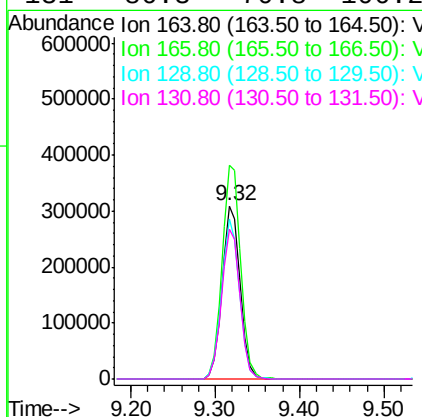
Manual Integrations
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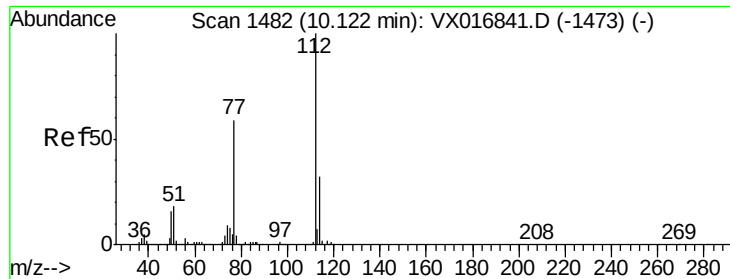
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#64
Tetrachloroethene
Concen: 120.696 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	456335		
166	123.4		102.6	153.8
129	92.2		72.2	108.2
131	86.3		70.8	106.2





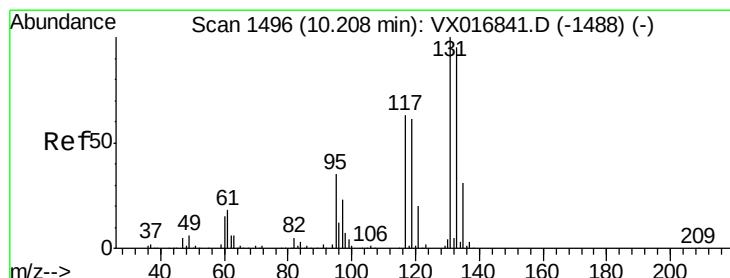
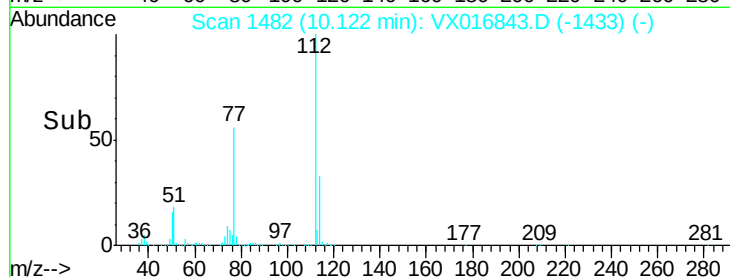
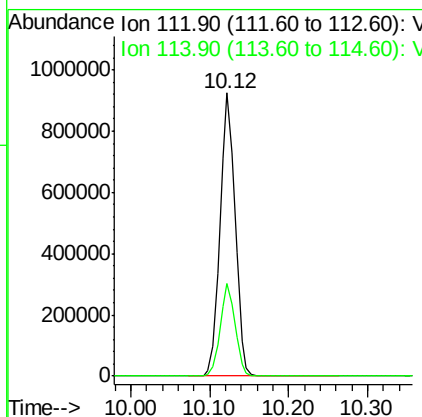
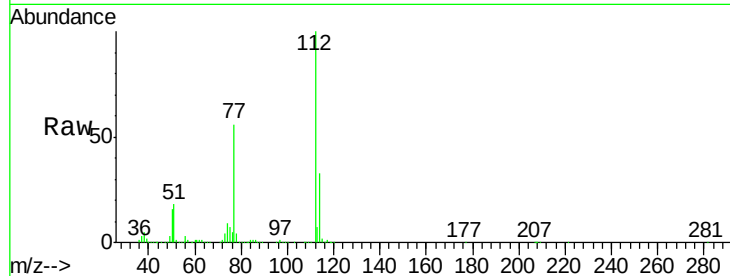
#65
Chlorobenzene
Concen: 153.385 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1236606
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3

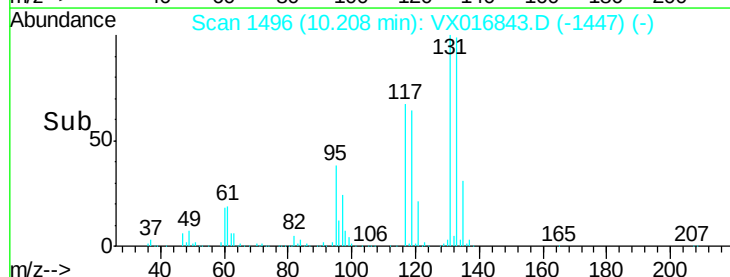
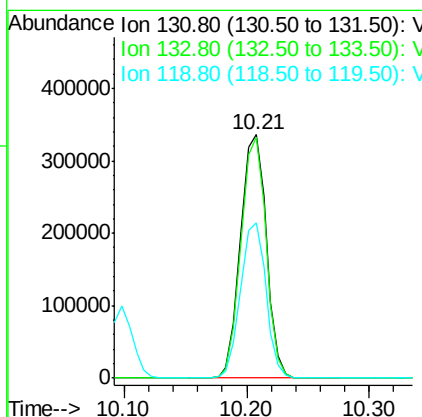
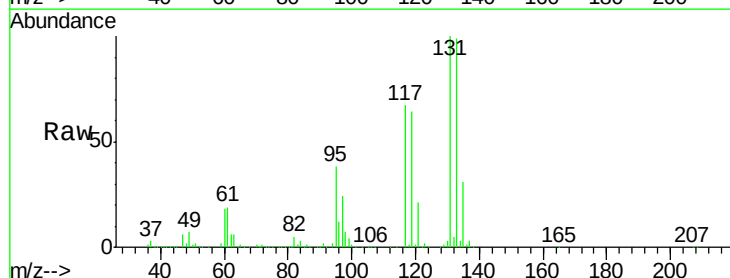
Manual Integrations
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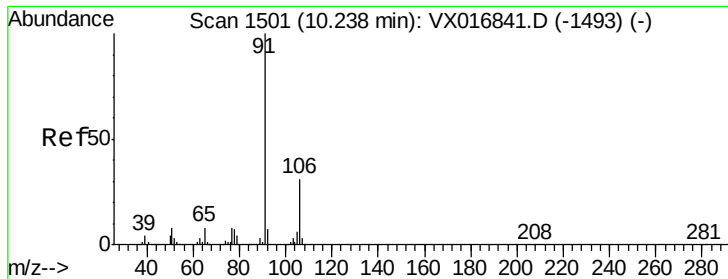
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 154.567 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion:131 Resp: 491374
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 62.9 30.8 92.4





#67

Ethyl Benzene

Concen: 155.883 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2105032

Ion Ratio Lower Upper

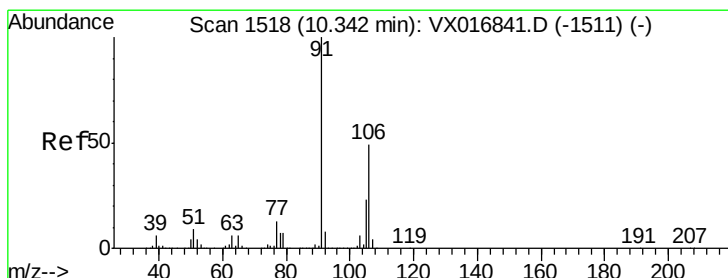
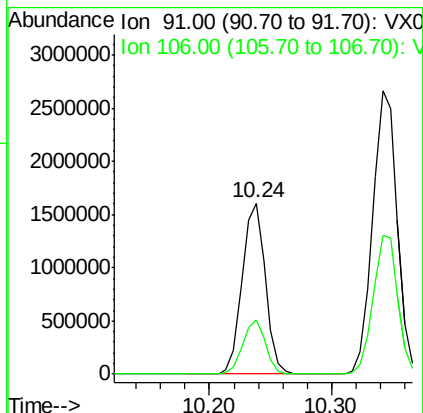
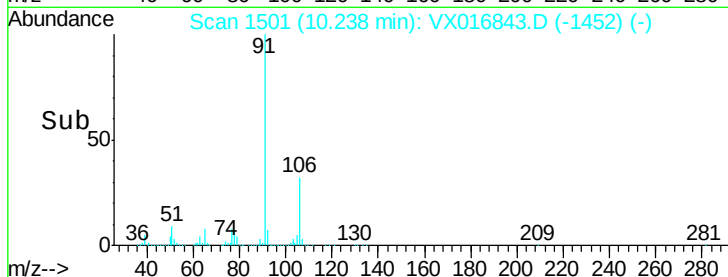
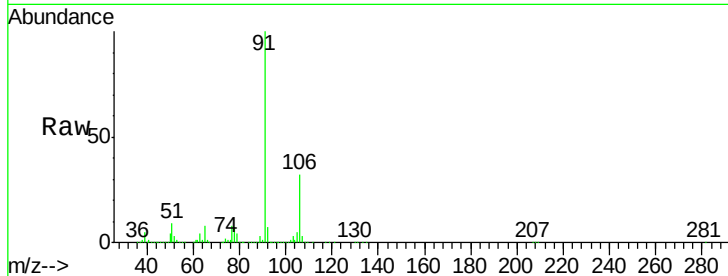
91 100

106 32.0 25.1 37.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 359.756 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016843.D

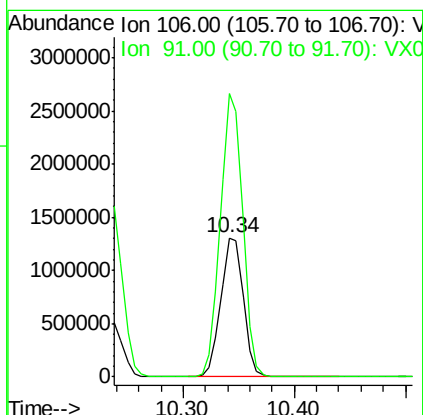
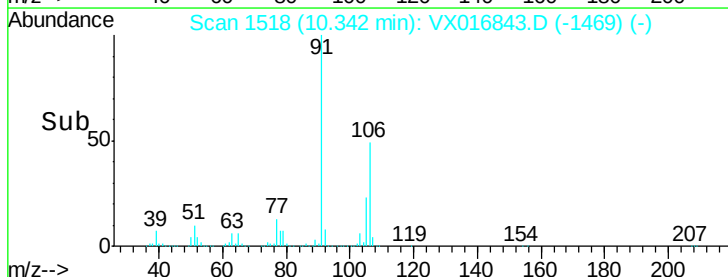
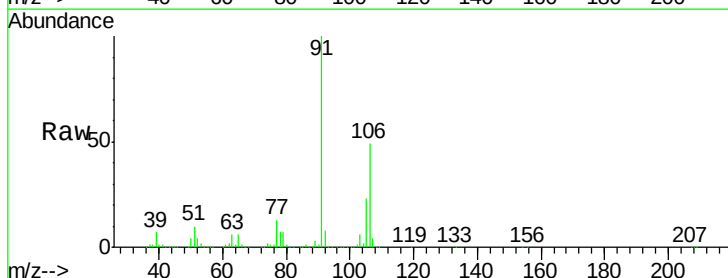
Acq: 18 Jun 2020 12:32

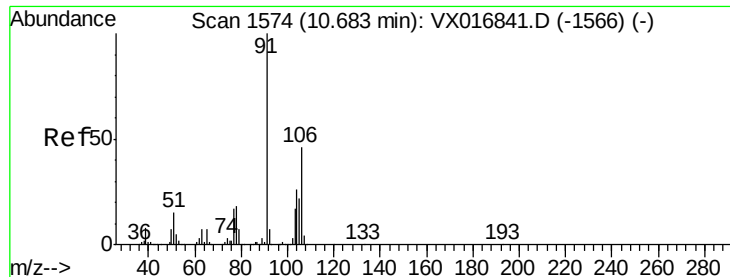
Tgt Ion: 106 Resp: 1835602

Ion Ratio Lower Upper

106 100

91 201.3 161.5 242.3





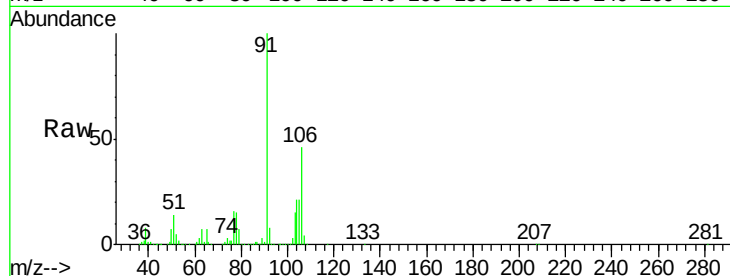
#69
o-Xylene
Concen: 154.562 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

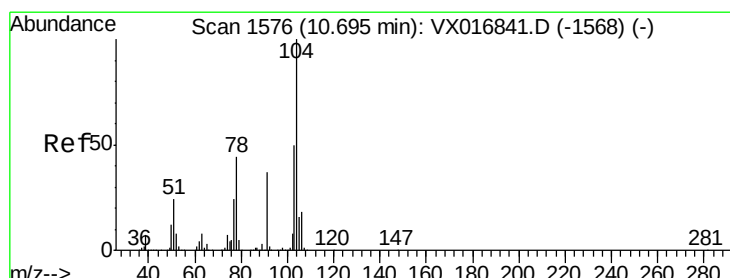
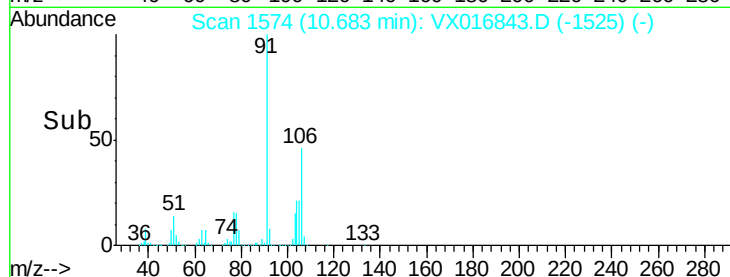
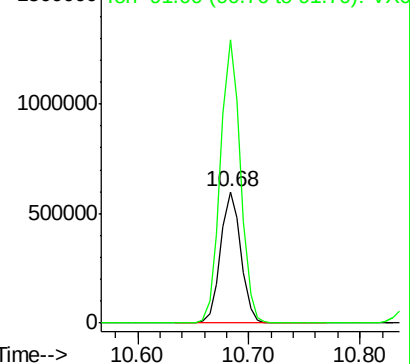
Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.3	107.9	323.7	

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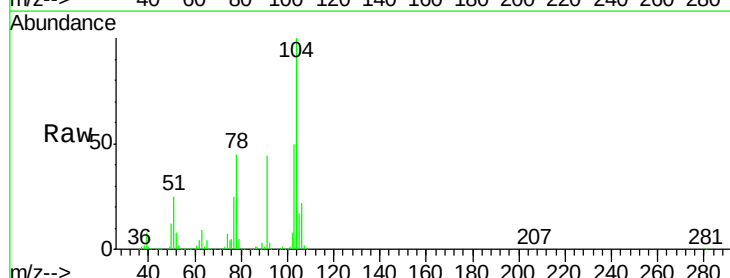


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

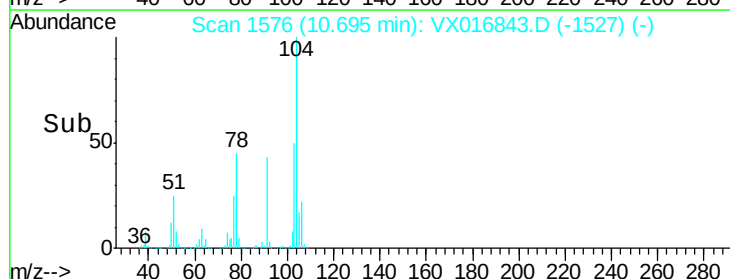
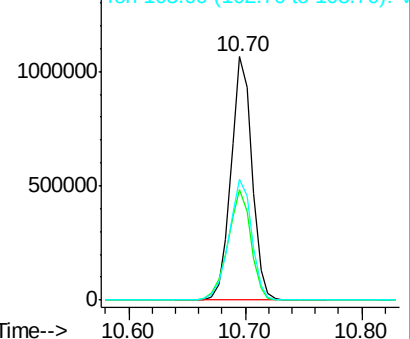


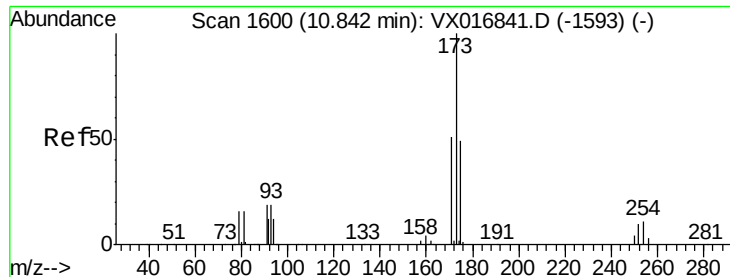
#70
Styrene
Concen: 158.689 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.3	39.6	59.4	
103	54.0	43.3	64.9	



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 151.263 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

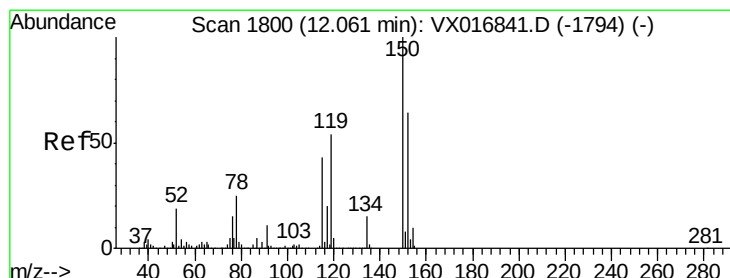
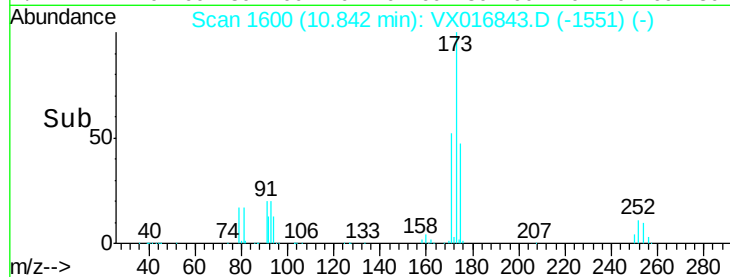
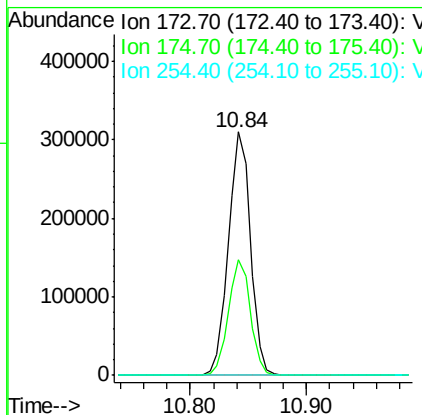
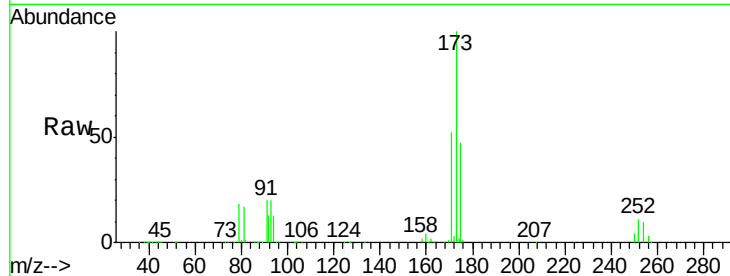
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.3	73.0
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

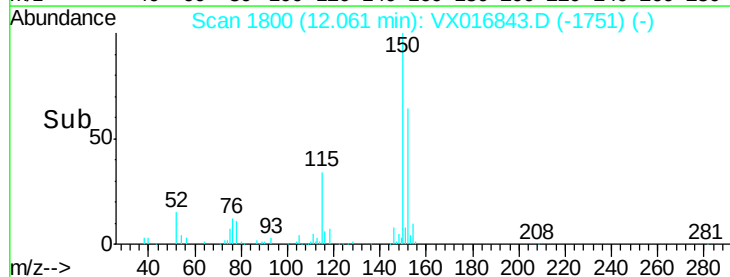
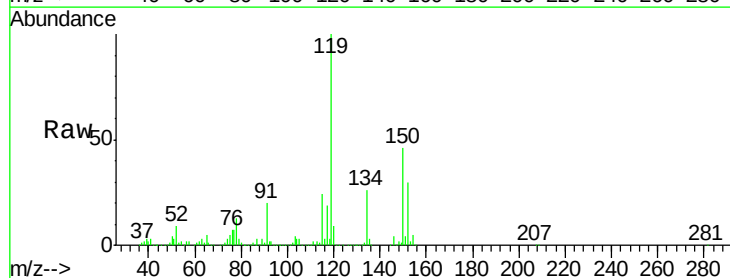
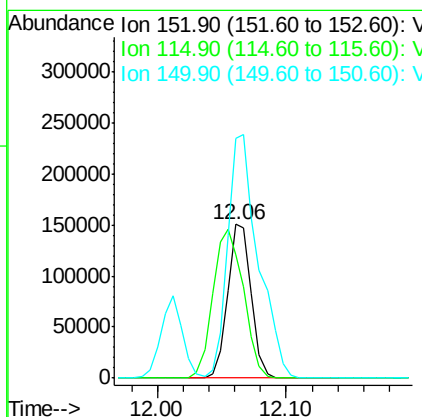
RT: 12.06 min Scan# 1800

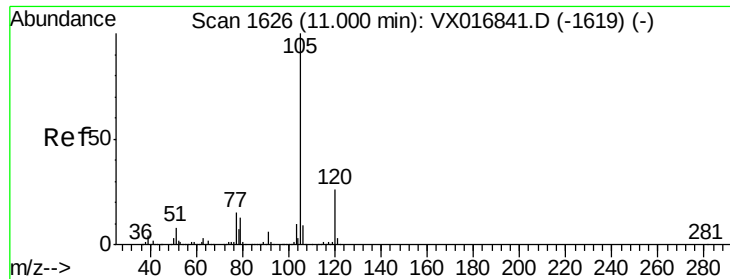
Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	125.9	40.9	122.8
150	204.6	0.0	344.2





#73

Isopropylbenzene

Concen: 156.036 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1976930

Ion Ratio Lower Upper

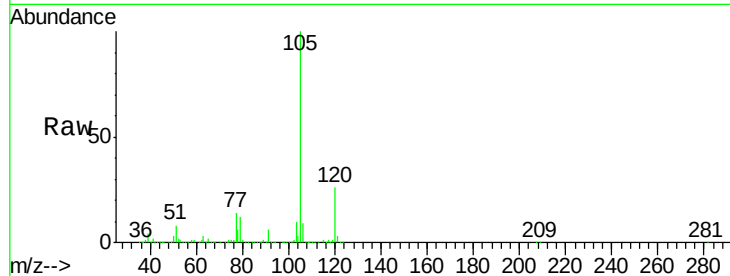
105 100

120 26.3 13.2 39.6

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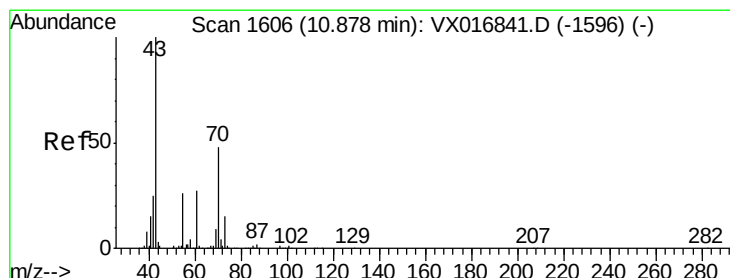
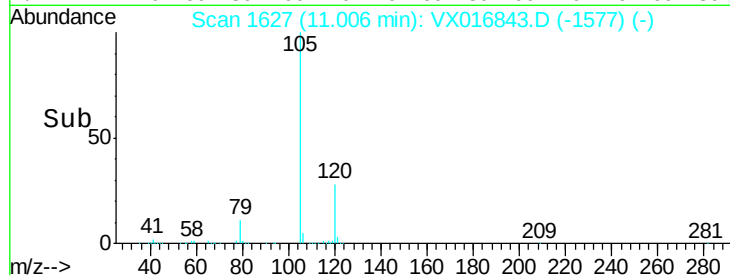
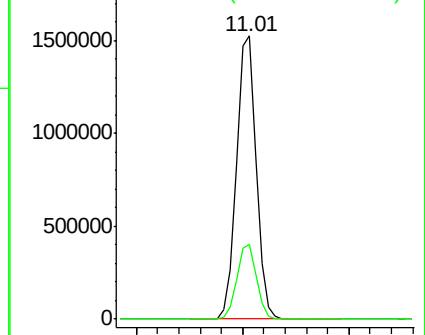
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 155.828 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion: 43 Resp: 758301

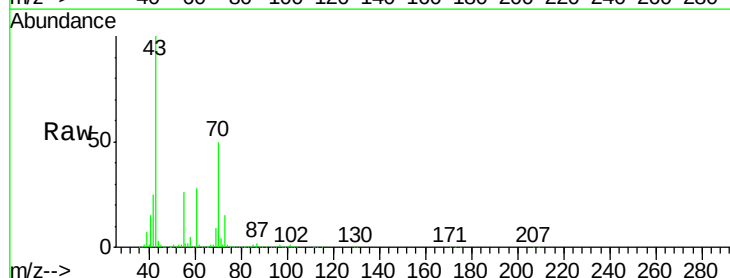
Ion Ratio Lower Upper

43 100

70 49.2 39.9 59.9

55 25.8 21.8 32.6

61 27.5 22.2 33.4

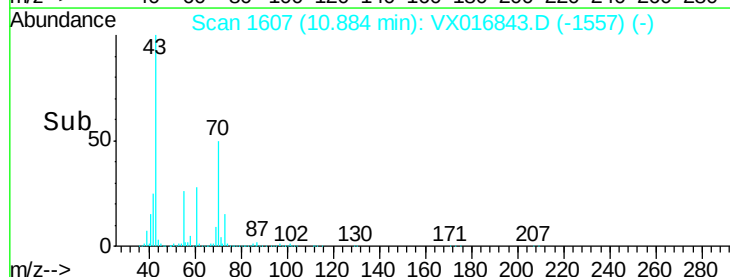
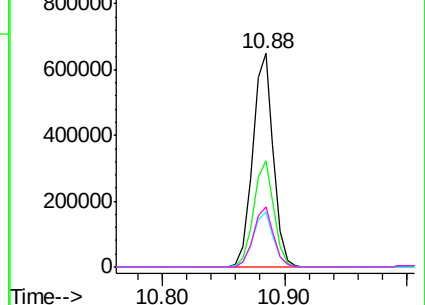


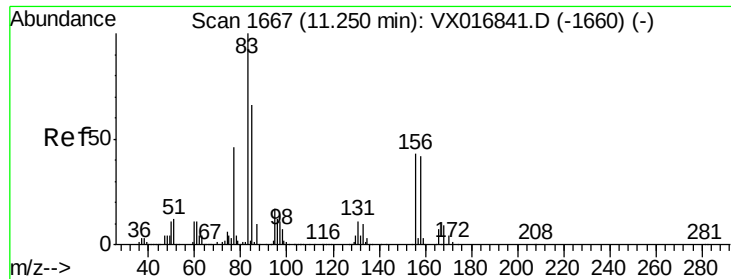
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 145.759 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 540585
Ion Ratio Lower Upper

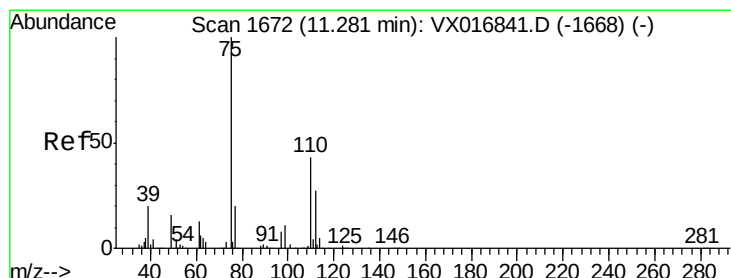
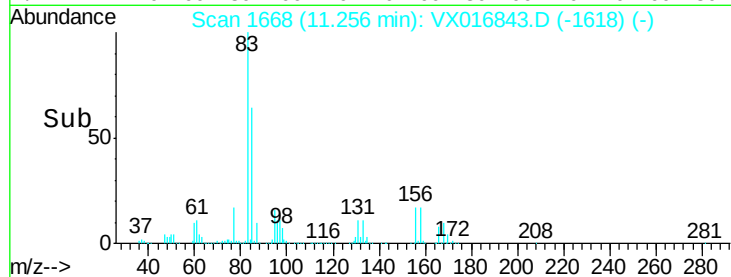
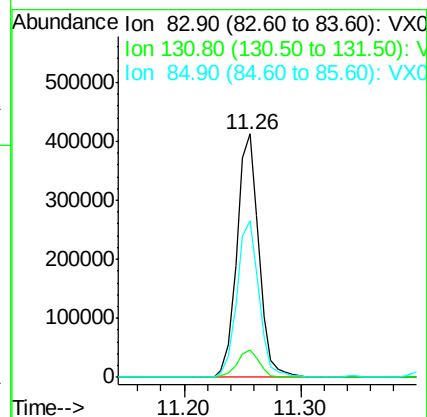
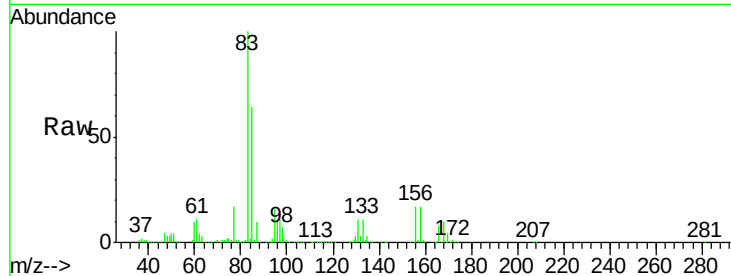
83 100

131 11.3 5.7 17.1

85 64.9 32.6 97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 126.954 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

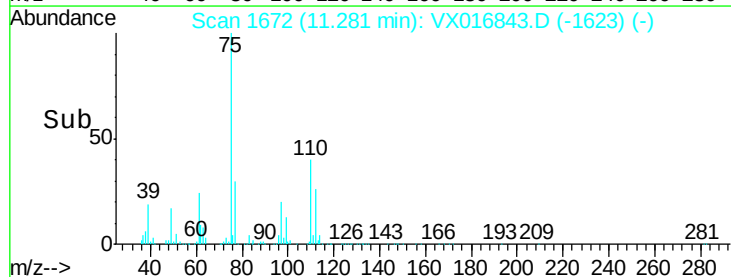
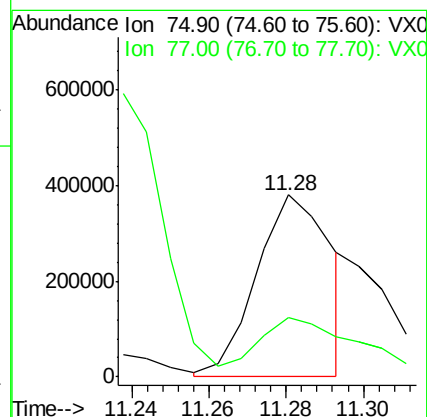
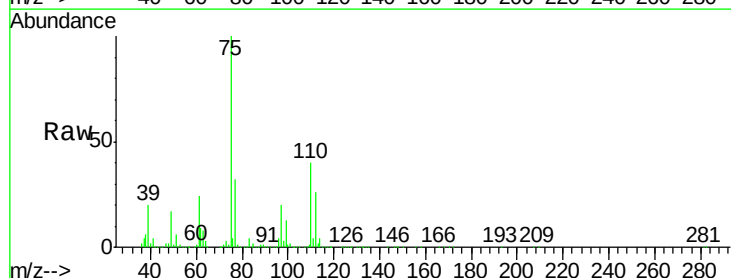
Lab File: VX016843.D

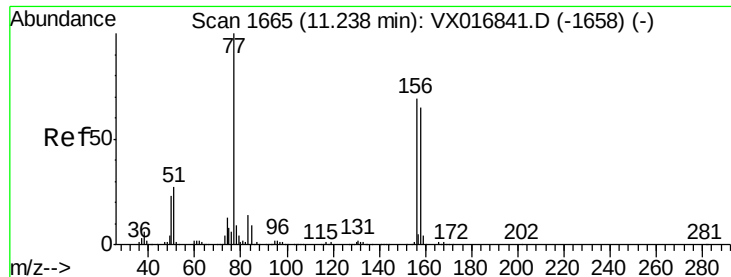
Acq: 18 Jun 2020 12:32

Tgt Ion: 75 Resp: 508558
Ion Ratio Lower Upper

75 100

77 44.4 20.5 61.5





#77

Bromobenzene

Concen: 144.703 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

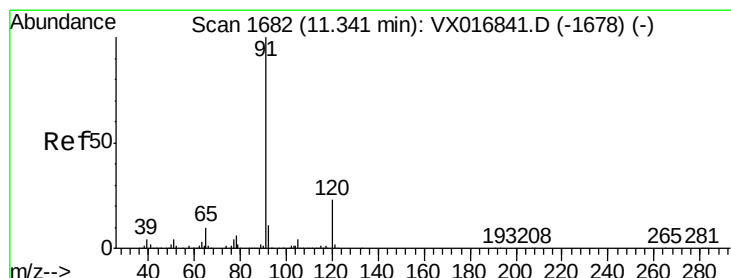
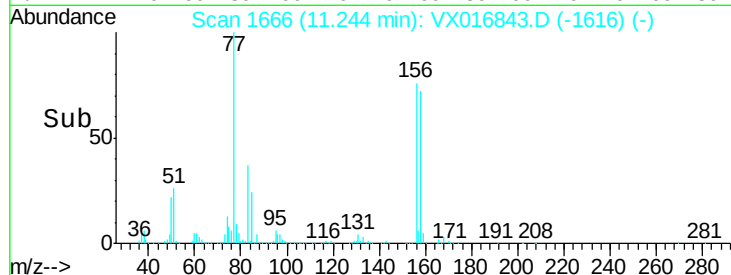
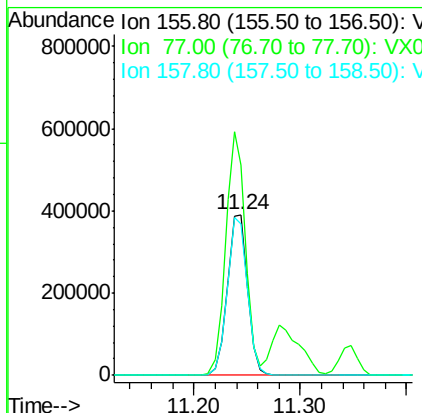
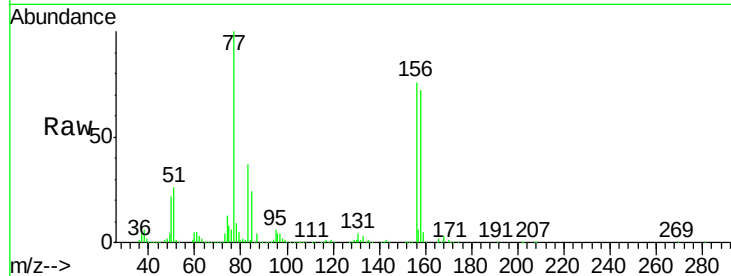
ClientSampleId :

VSTDICC150

Tot Ion:	156	Resp:	517867
Ion Ratio	Lower	Upper	
156	100		
77	147.3	73.4	220.2
158	97.8	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 162.404 ug/l

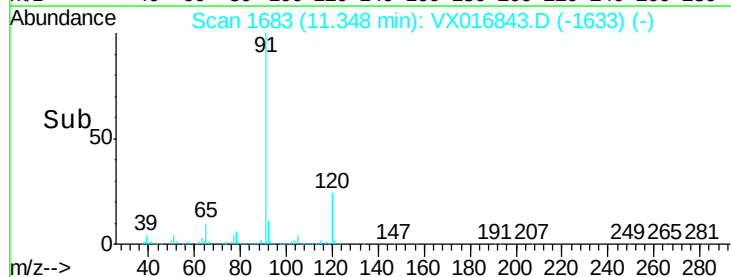
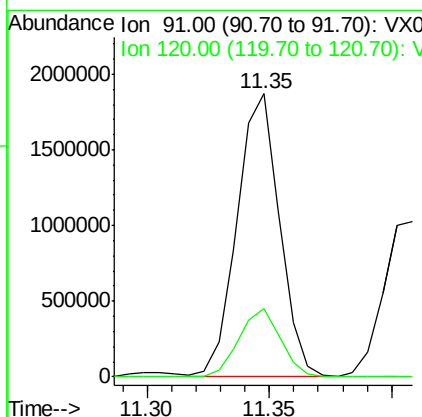
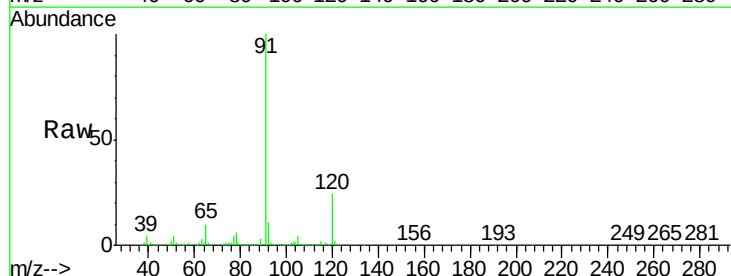
RT: 11.35 min Scan# 1683

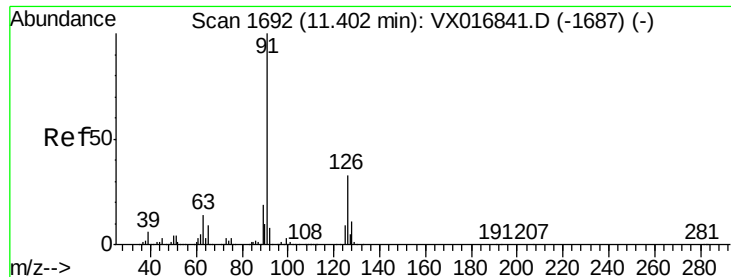
Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion:	91	Resp:	2246610
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.5





#79

2-Chlorotoluene

Concen: 154.022 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1344521

Ion Ratio Lower Upper

91 100

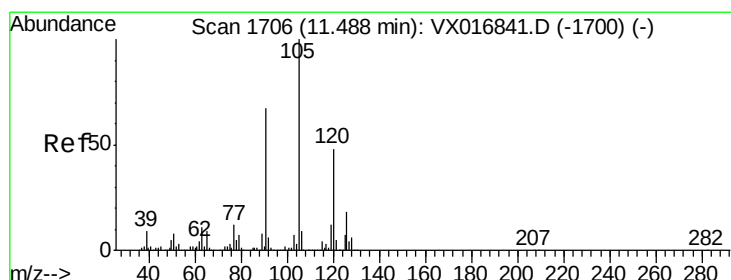
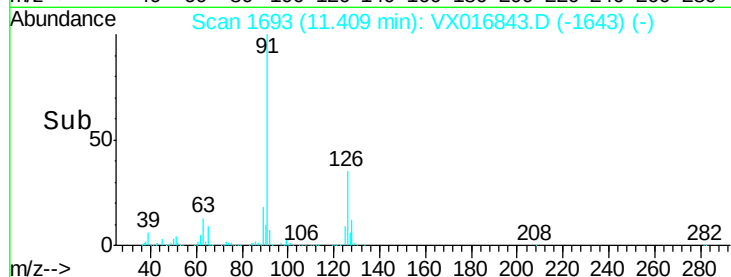
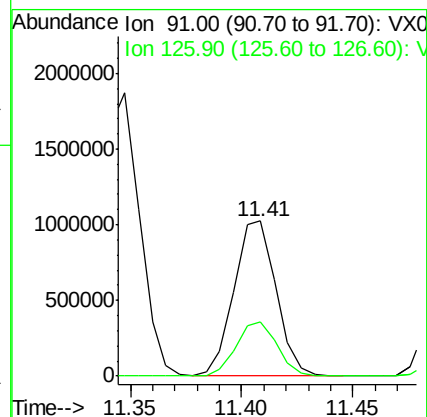
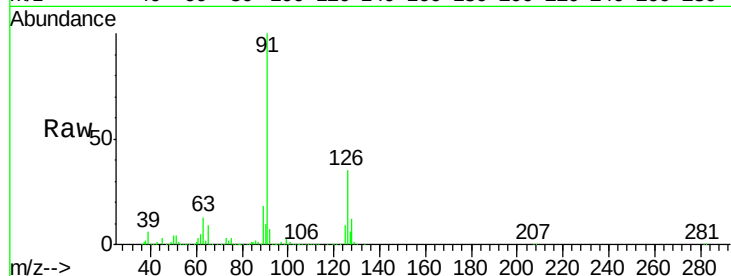
126 34.5 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 162.851 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016843.D

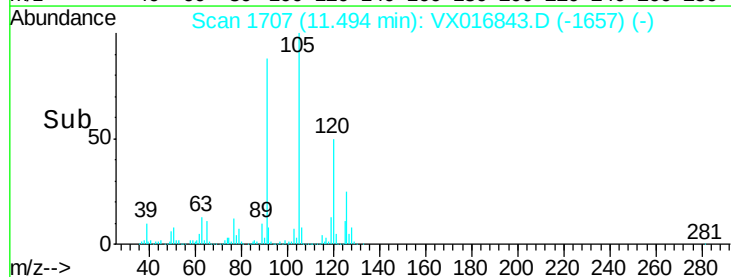
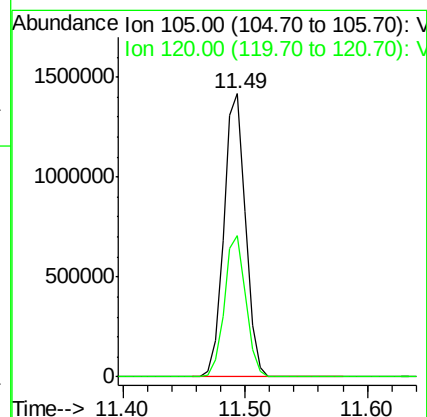
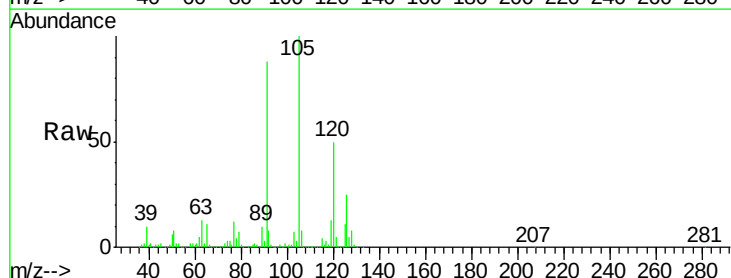
Acq: 18 Jun 2020 12:32

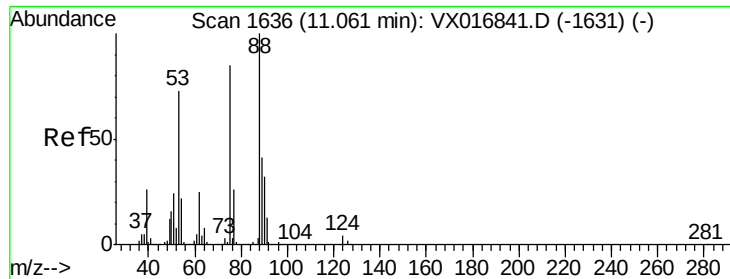
Tgt Ion: 105 Resp: 1738484

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 138.187 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 218356

Ion Ratio Lower Upper

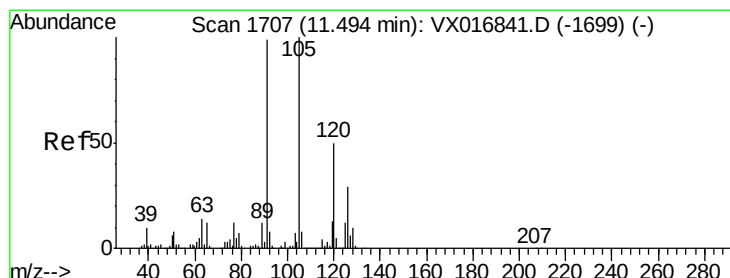
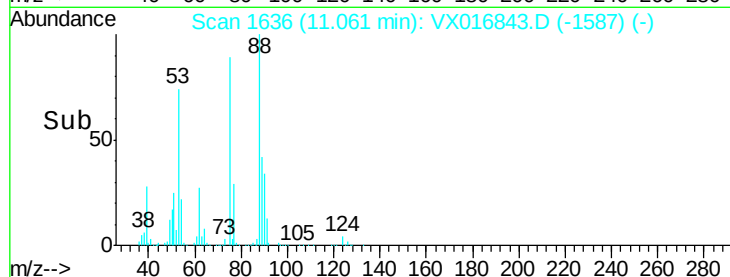
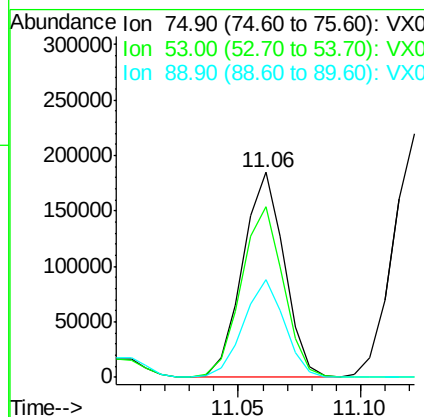
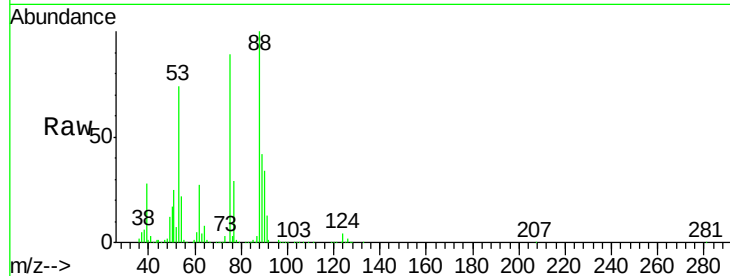
75 100

53 83.8 69.8 104.8

89 47.3 38.3 57.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 153.886 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016843.D

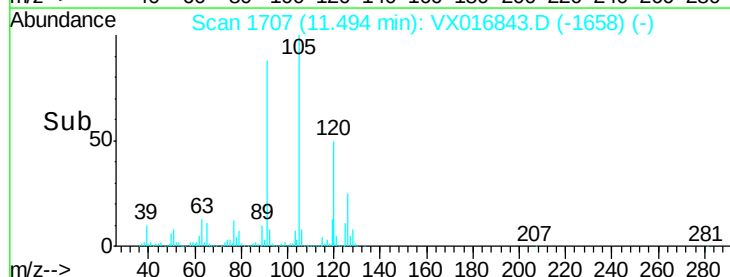
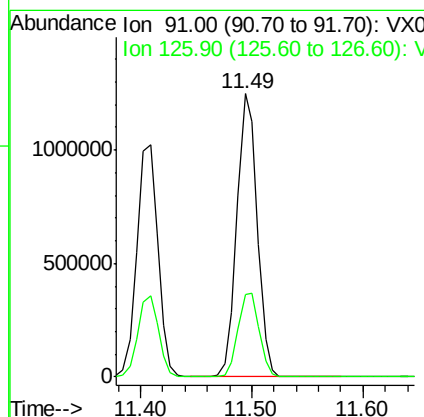
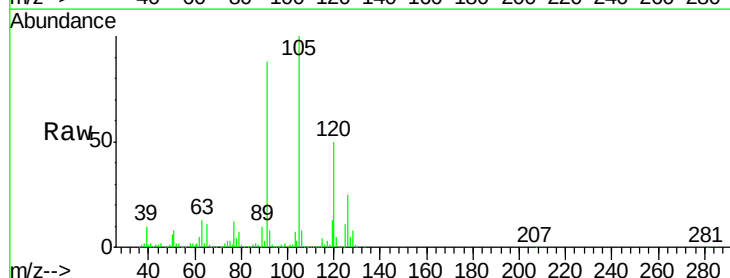
Acq: 18 Jun 2020 12:32

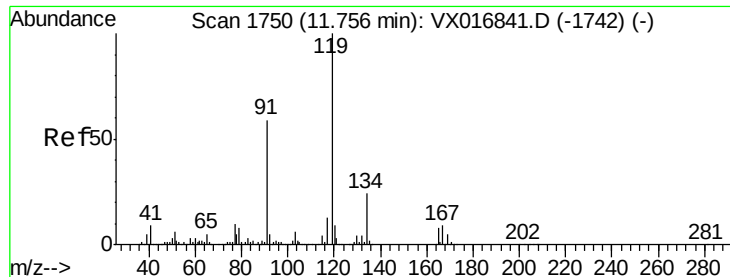
Tgt Ion: 91 Resp: 1579338

Ion Ratio Lower Upper

91 100

126 30.7 15.0 45.0





#83

tert-Butylbenzene

Concen: 167.006 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1640172

Ion Ratio Lower Upper

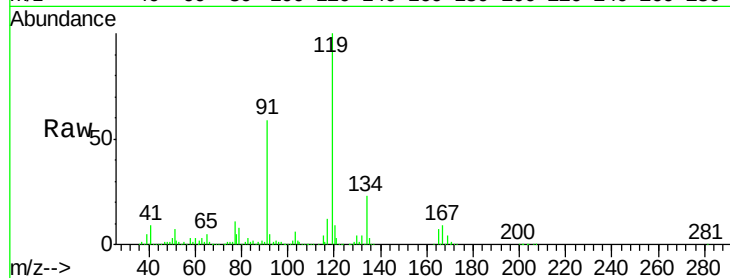
119 100

91 58.0 28.5 85.5

134 23.1 11.7 35.1

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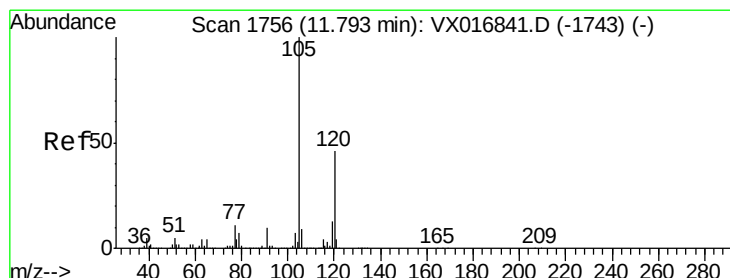
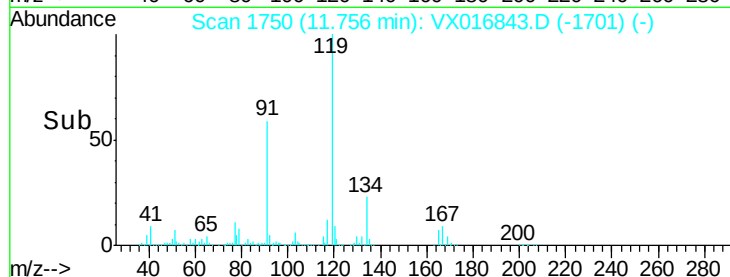
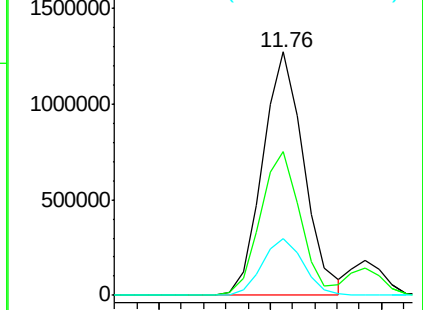
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 159.373 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016843.D

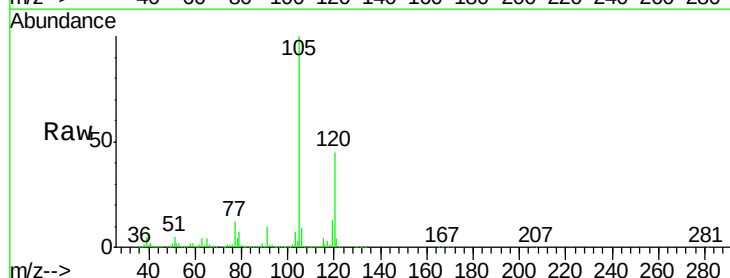
Acq: 18 Jun 2020 12:32

Tgt Ion:105 Resp: 1721913

Ion Ratio Lower Upper

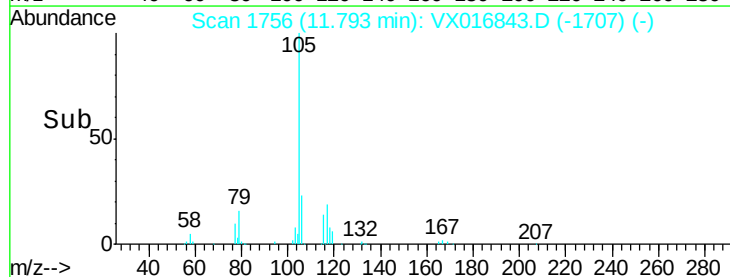
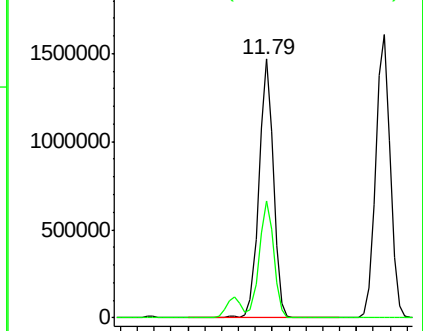
105 100

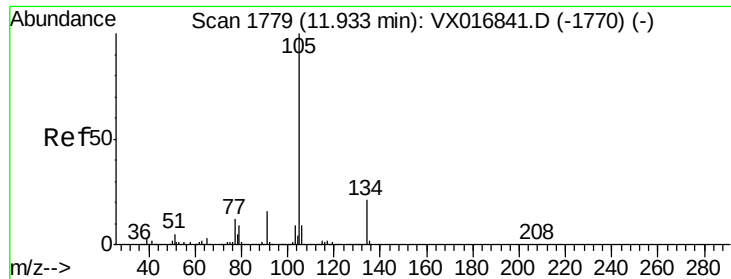
120 45.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 167.988 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1921272

Ion Ratio Lower Upper

105 100

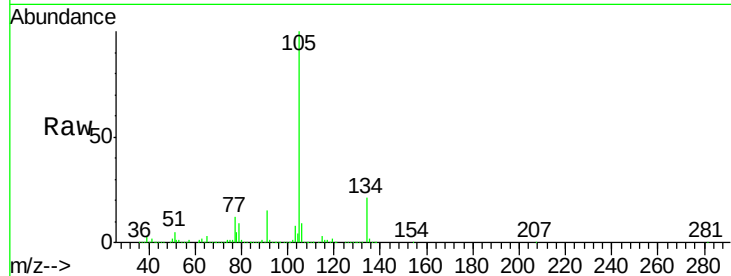
134 20.7 10.4 31.2

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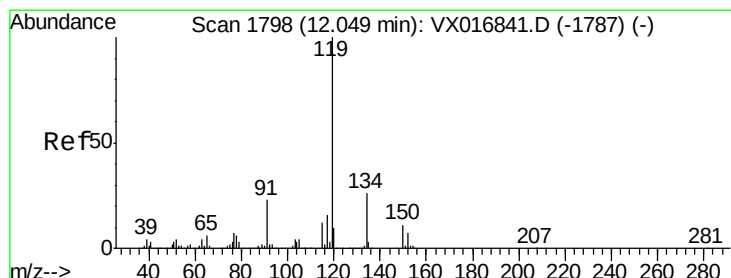
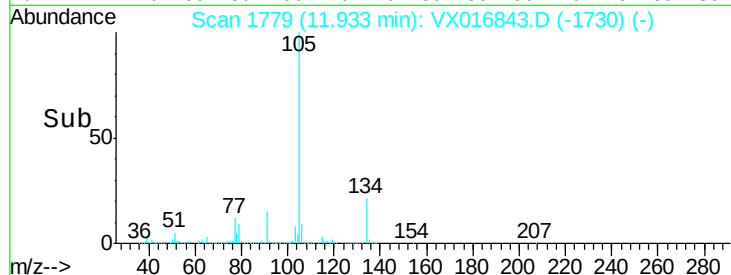
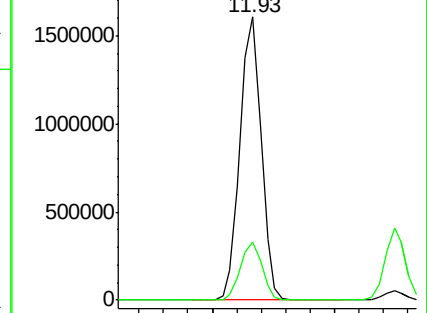
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 166.880 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

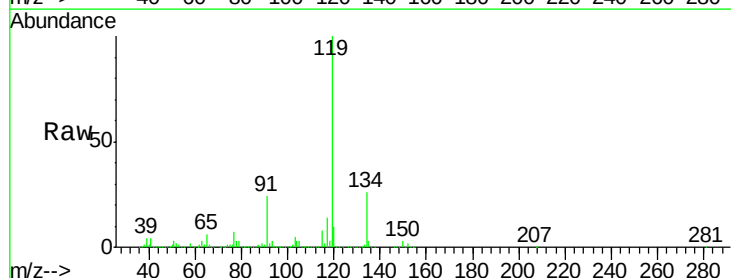
Tgt Ion:119 Resp: 1835538

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

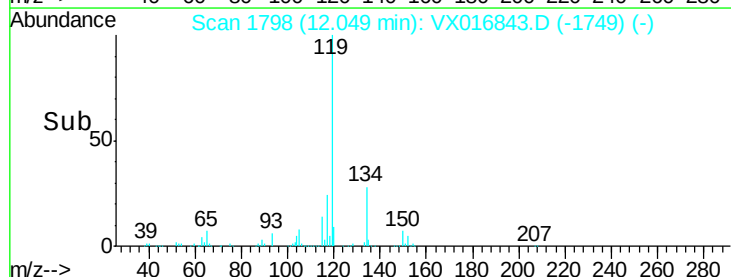
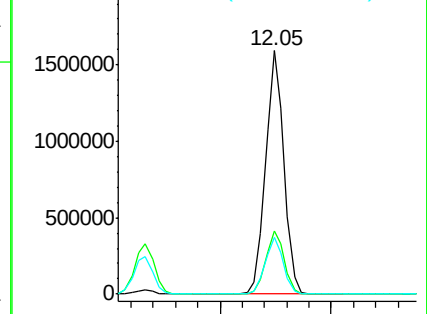
91 23.1 11.6 34.8

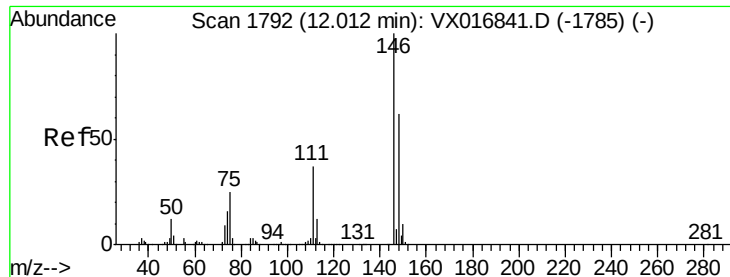


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





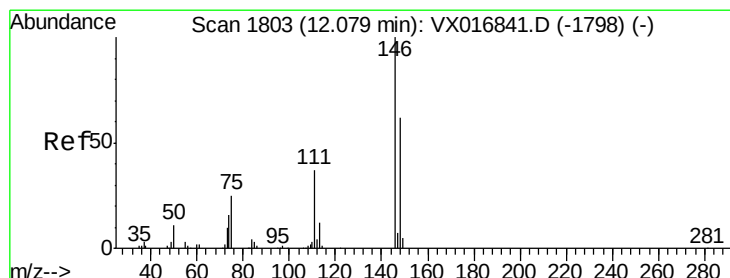
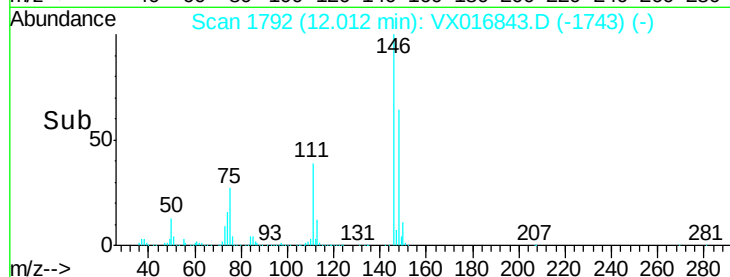
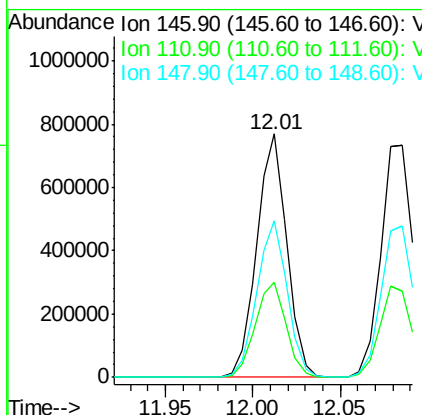
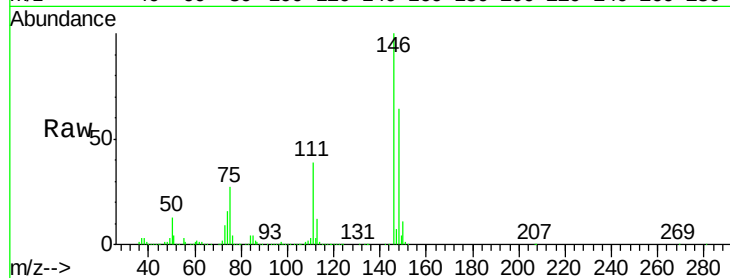
#87
 1,3-Dichlorobenzene
 Concen: 152.240 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.2
148	64.9	31.8	95.3

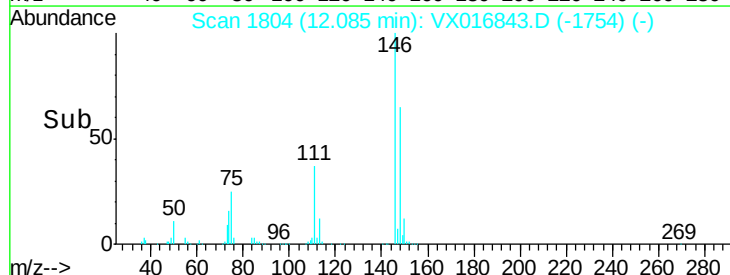
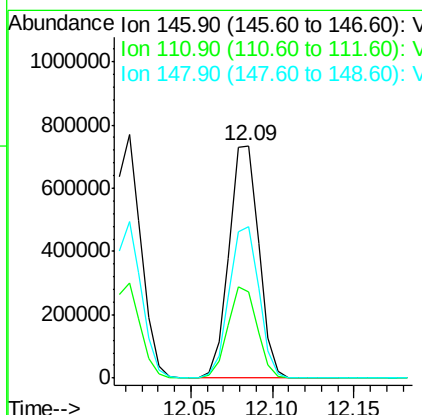
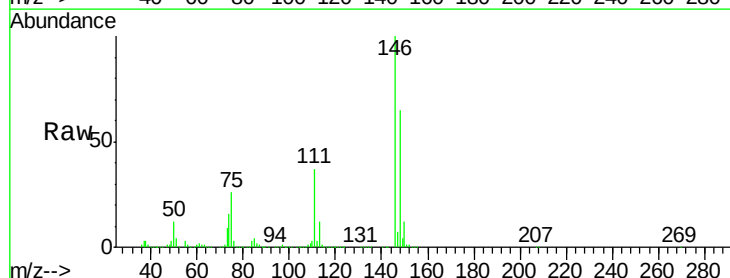
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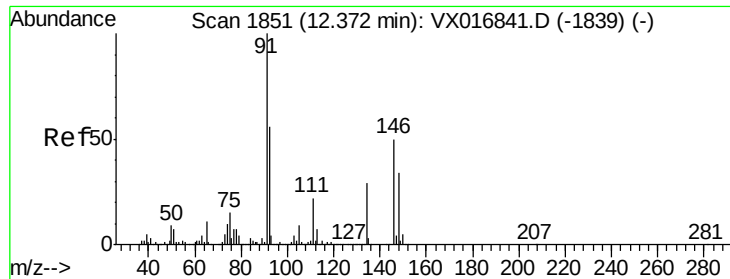
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#88
 1,4-Dichlorobenzene
 Concen: 148.412 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.0	57.0
148	65.2	31.6	95.0





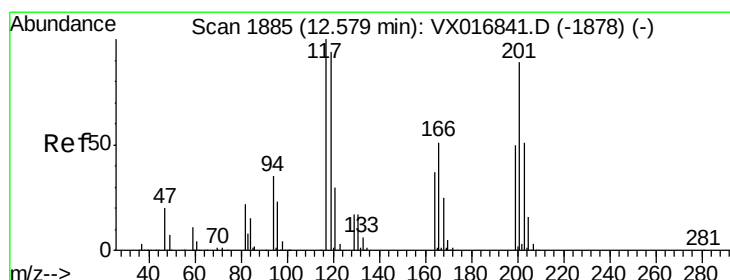
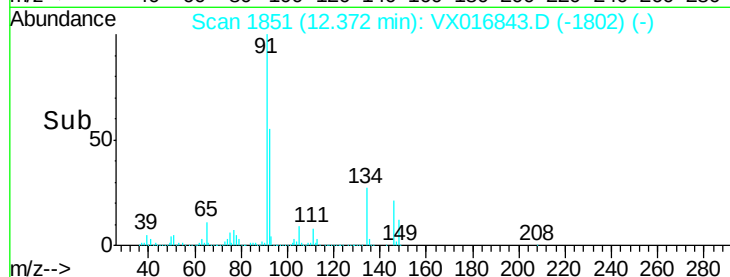
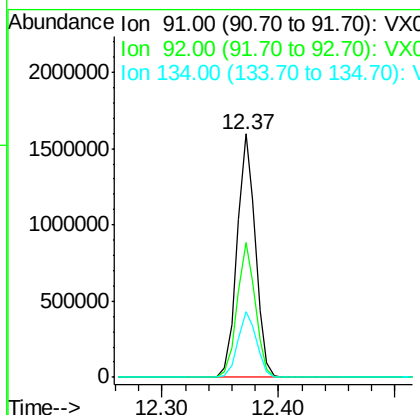
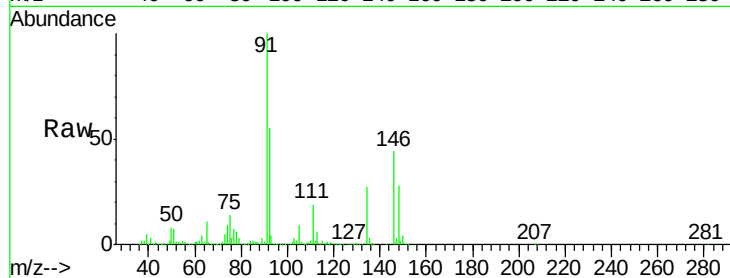
#89
n-Butylbenzene
Concen: 191.511 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	27.3	13.9	41.6

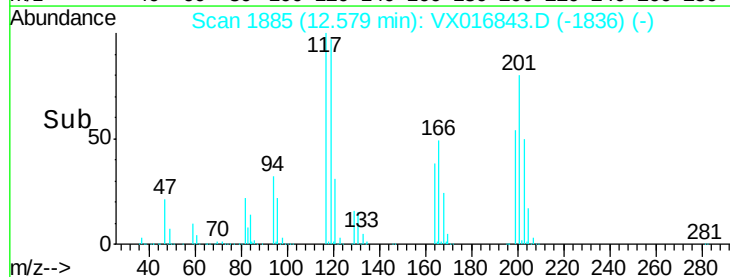
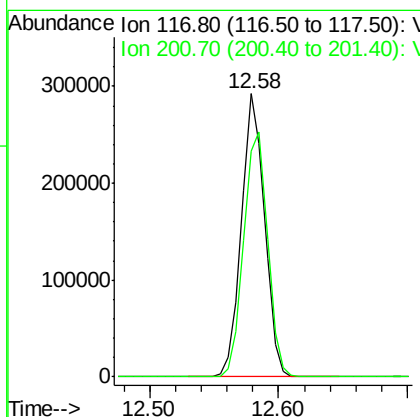
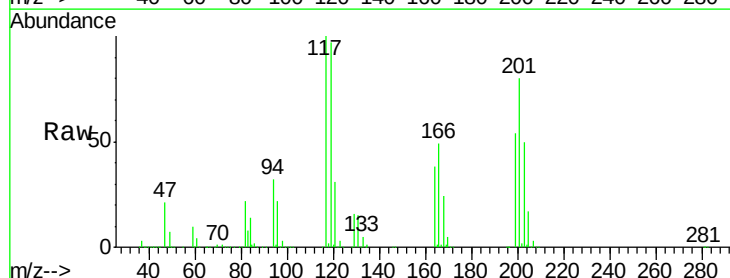
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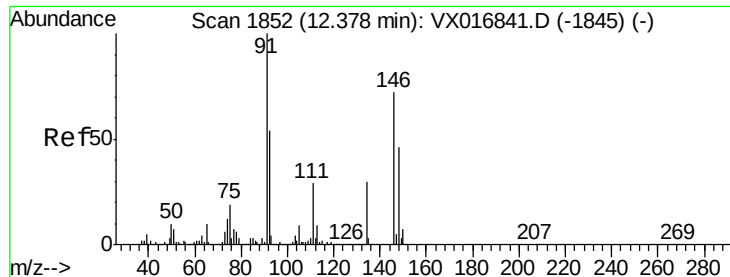
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#90
Hexachloroethane
Concen: 176.818 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	44.9	134.5





#91

1,2-Dichlorobenzene

Concen: 164.870 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Instrument :

MSVOA_X

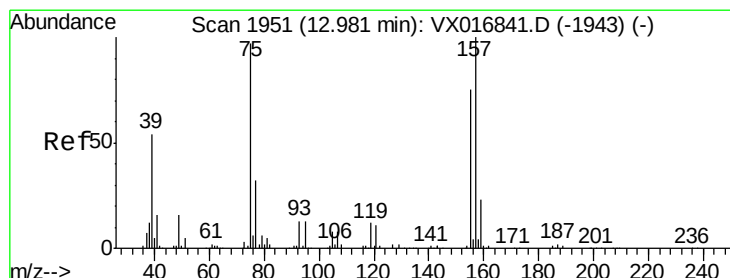
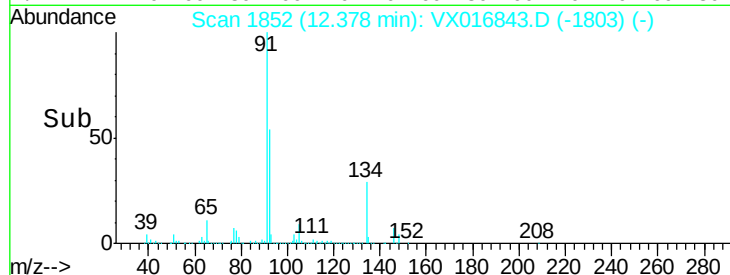
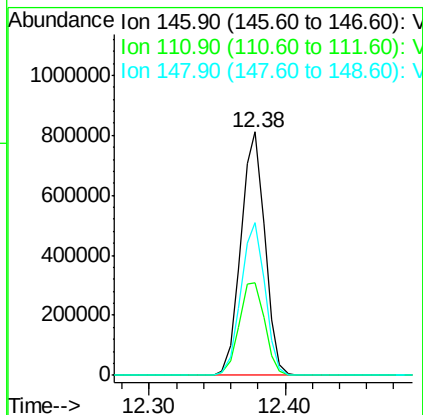
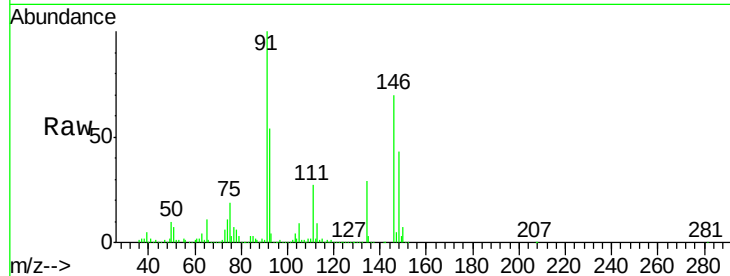
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	996535
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.9	62.7
148	62.7	32.9	98.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 130.321 ug/l

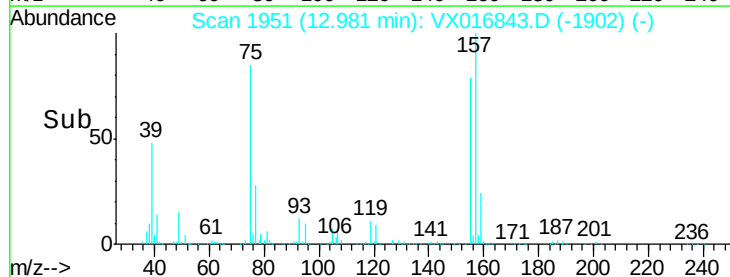
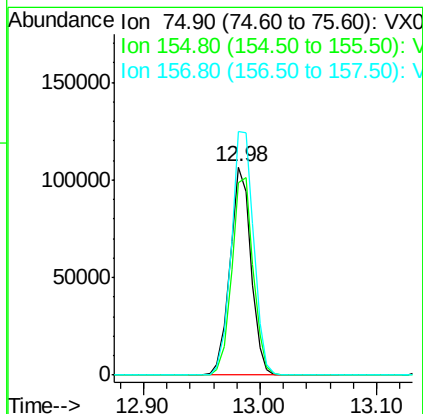
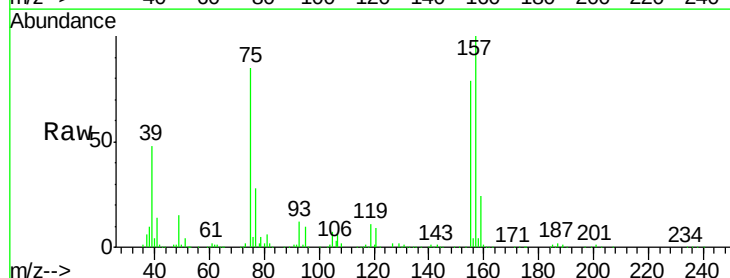
RT: 12.98 min Scan# 1951

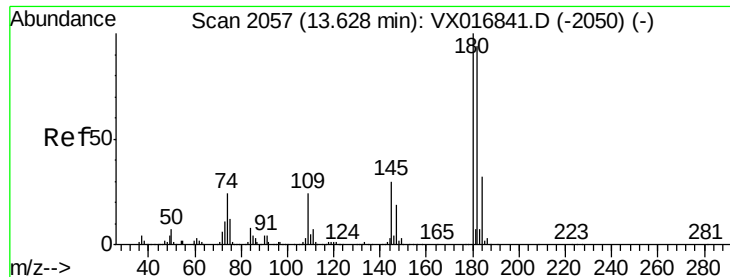
Delta R.T. 0.00 min

Lab File: VX016843.D

Acq: 18 Jun 2020 12:32

Tgt Ion:	75	Resp:	133410
Ion Ratio	Lower	Upper	
75	100		
155	97.3	46.4	139.1
157	124.8	58.6	175.8





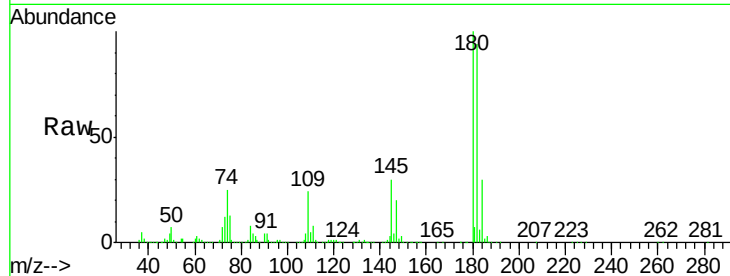
#93
 1,2,4-Trichlorobenzene
 Concen: 157.783 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

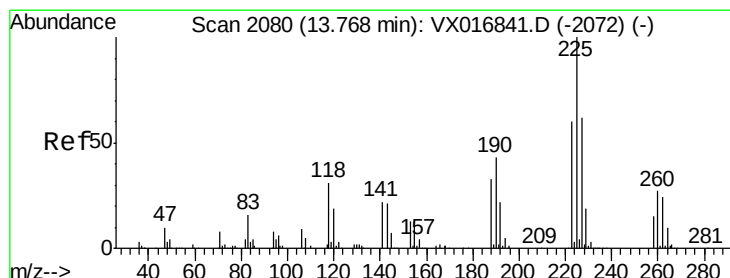
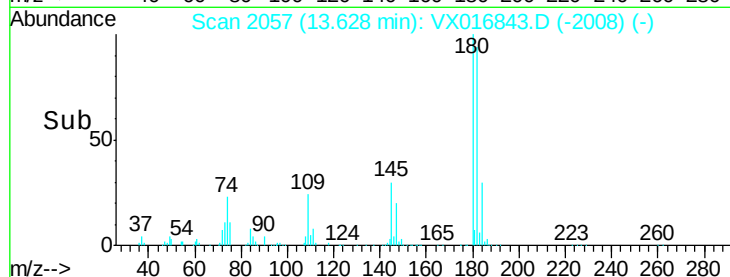
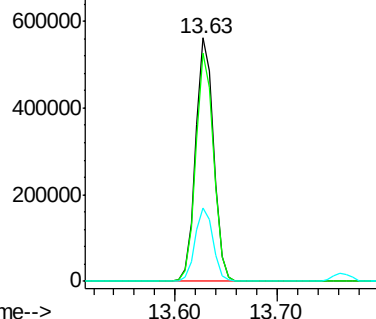
Tot Ion	Ratio	Resp	Lower	Upper
180	100	680433		
182	93.6	47.7	143.1	
145	30.3	15.0	45.1	

Manual Integrations
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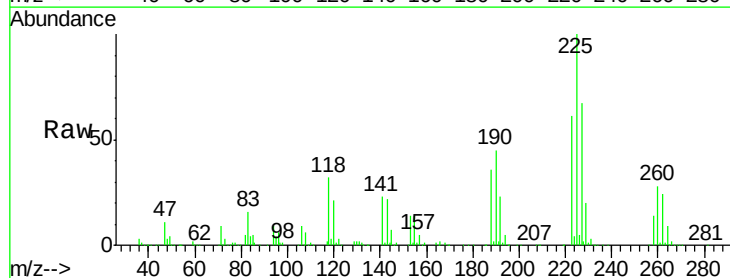


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

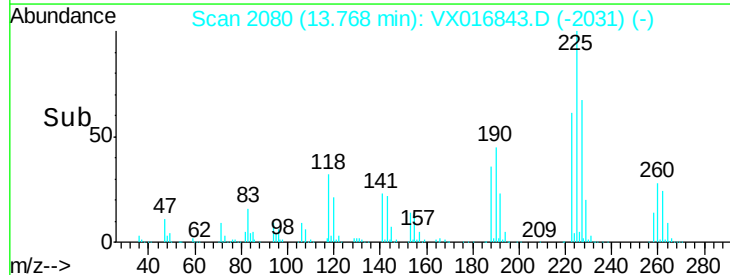
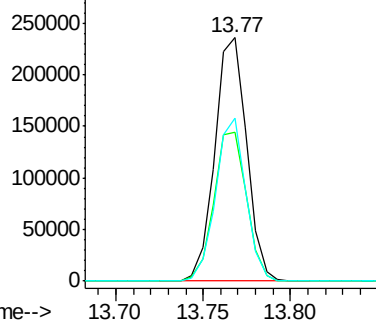


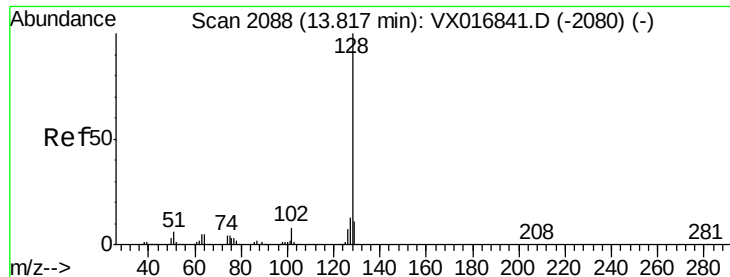
#94
 Hexachlorobutadiene
 Concen: 154.440 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016843.D
 Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	297654		
223	62.9	32.1	96.5	
227	63.5	32.3	96.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





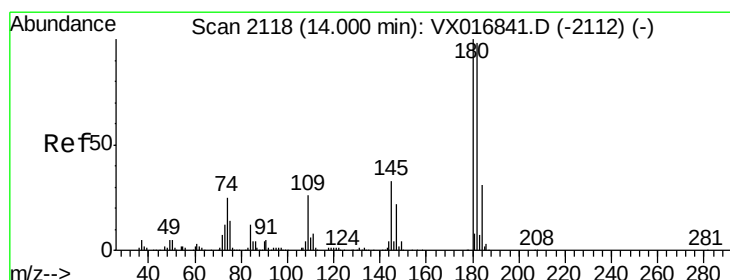
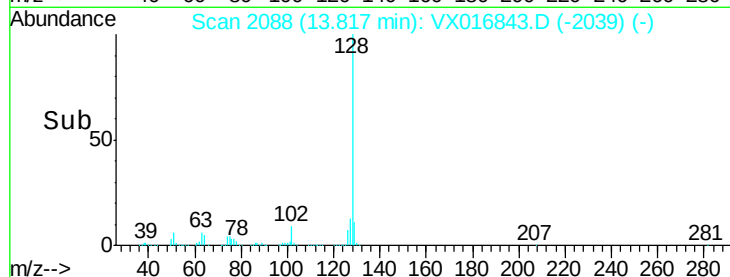
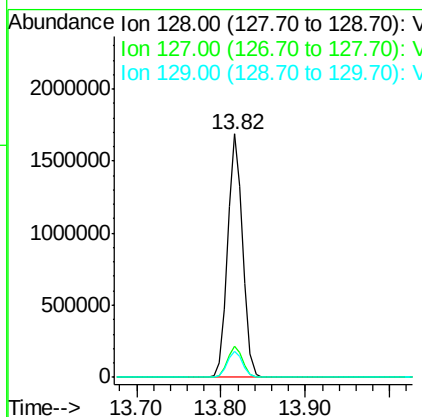
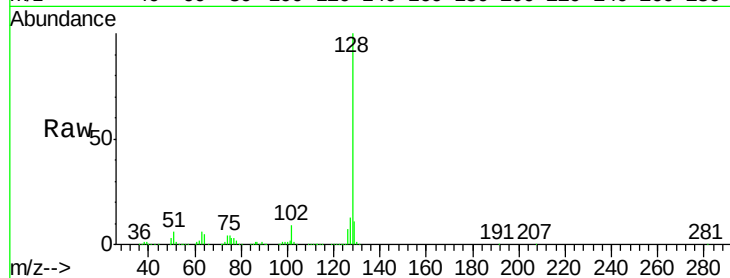
#95
Naphthalene
Concen: 155.963 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 154.475 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016843.D
Acq: 18 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.3
145	32.6	16.0	48.0

