

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016450.D
 Acq On : 27 May 2020 15:50
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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 5/28/2020 2:10:27 PM

Quant Time: May 27 16:21:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	443821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	358998	96.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.56%	
35) Dibromofluoromethane	5.47	113	281259	99.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.26%	
50) Toluene-d8	8.70	98	1113711	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
62) 4-Bromofluorobenzene	11.12	95	431825	104.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	298880	100.734	ug/l	98
3) Chloromethane	1.31	50	341019	98.868	ug/l	99
4) Vinyl Chloride	1.39	62	371926	100.864	ug/l	99
5) Bromomethane	1.62	94	172223	93.839	ug/l	99
6) Chloroethane	1.70	64	220178	99.102	ug/l	98
7) Trichlorofluoromethane	1.90	101	492077	101.681	ug/l	99
8) Diethyl Ether	2.17	74	192754	94.942	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	268309	96.843	ug/l	99
10) Methyl Iodide	2.49	142	333592	93.318	ug/l	100
11) Tert butyl alcohol	3.03	59	464022	496.712	ug/l	99
12) 1,1-Dichloroethene	2.35	96	277537	95.661	ug/l	96
13) Acrolein	2.27	56	199509	366.057	ug/l	96
14) Allyl chloride	2.70	41	526846	98.705	ug/l	100
15) Acrylonitrile	3.12	53	975414	501.633	ug/l	100
16) Acetone	2.42	43	792945	481.406	ug/l	100
17) Carbon Disulfide	2.54	76	837605	84.869	ug/l	100
18) Methyl Acetate	2.75	43	412367	101.009	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1036274	102.670	ug/l	100
20) Methylene Chloride	2.83	84	320234	94.207	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	315737	97.006	ug/l	96
22) Diisopropyl ether	3.83	45	1014533	100.094	ug/l	91
23) Vinyl Acetate	3.79	43	4599379	516.439	ug/l	99
24) 1,1-Dichloroethane	3.67	63	567530	100.144	ug/l	99
25) 2-Butanone	4.64	43	1385822	518.351	ug/l	99
26) 2,2-Dichloropropane	4.55	77	465800	91.923	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	356251	99.866	ug/l	98
28) Bromochloromethane	4.98	49	256560	99.705	ug/l	99
29) Tetrahydrofuran	5.09	42	904222	511.086	ug/l	100
30) Chloroform	5.18	83	570802	101.210	ug/l	99
31) Cyclohexane	5.55	56	511193	100.323	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	519392	101.208	ug/l	100
36) 1,1-Dichloropropene	5.77	75	440191	100.553	ug/l	99
37) Ethyl Acetate	4.80	43	522480	102.814	ug/l	99
38) Carbon Tetrachloride	5.75	117	464532	104.065	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	486352	93.998	ug/l	99
40) Benzene	6.11	78	1310034	102.049	ug/l	100
41) Methacrylonitrile	5.01	41	290128	105.925	ug/l	98
42) 1,2-Dichloroethane	6.17	62	463966	100.477	ug/l	100
43) Isopropyl Acetate	6.42	43	828931	102.479	ug/l	100
44) Trichloroethene	7.19	130	392457	87.635	ug/l	100
45) 1,2-Dichloropropane	7.49	63	335940	103.584	ug/l	99
46) Dibromomethane	7.64	93	223960	101.632	ug/l	100
47) Bromodichloromethane	7.88	83	473648	105.485	ug/l	98
48) Methyl methacrylate	7.75	41	405775	105.554	ug/l	99
49) 1,4-Dioxane	7.72	88	184807	2010.203	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2627967	529.286	ug/l	99
52) Toluene	8.77	92	839844	104.971	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	553095	103.681	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	575351	103.188	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	334390	106.334	ug/l	97
56) Ethyl methacrylate	9.16	69	573083	111.344	ug/l	100
57) 1,3-Dichloropropane	9.35	76	572110	104.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1442228	529.528	ug/l	99
59) 2-Hexanone	9.48	43	2062399	528.130	ug/l	99
60) Dibromochloromethane	9.57	129	385907	110.978	ug/l	100
61) 1,2-Dibromoethane	9.65	107	357983	105.402	ug/l	99
64) Tetrachloroethene	9.32	164	456578	89.214	ug/l	98
65) Chlorobenzene	10.12	112	889062	100.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	344423	105.257	ug/l	99
67) Ethyl Benzene	10.24	91	1611297	102.240	ug/l	99
68) m/p-Xylenes	10.34	106	1206705	204.831	ug/l	100
69) o-Xylene	10.68	106	584120	103.234	ug/l	99
70) Styrene	10.70	104	1036138	107.428	ug/l	100
71) Bromoform	10.84	173	305813	113.829	ug/l #	99
73) Isopropylbenzene	11.01	105	1568411	101.365	ug/l	100
74) N-amyl acetate	10.88	43	738901	102.377	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	424972	147.299	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	476745m	98.589	ug/l	
77) Bromobenzene	11.24	156	399562	99.652	ug/l	99
78) n-propylbenzene	11.35	91	1782544	99.270	ug/l	100
79) 2-Chlorotoluene	11.41	91	1066345	100.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1332824	101.886	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	207103	103.330	ug/l	98
82) 4-Chlorotoluene	11.49	91	1276377	101.530	ug/l	99
83) tert-Butylbenzene	11.76	119	1163725	103.138	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1354515	102.414	ug/l	100
85) sec-Butylbenzene	11.93	105	1445802	96.292	ug/l	100
86) p-Isopropyltoluene	12.05	119	1358466	97.268	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	707254	98.524	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	713577	97.935	ug/l	98
89) n-Butylbenzene	12.37	91	1162451	91.931	ug/l	100
90) Hexachloroethane	12.58	117	240479	100.589	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	687194	99.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128445	100.811	ug/l	99

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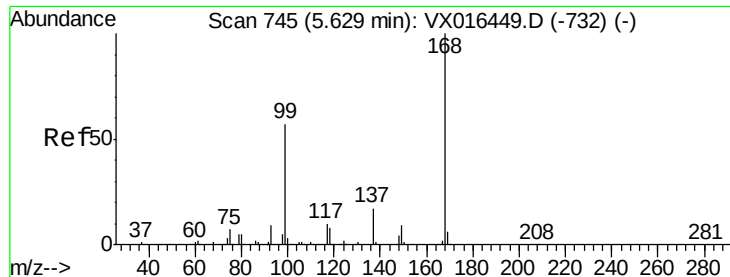
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	477595	94.236	ug/l	98
94) Hexachlorobutadiene	13.77	225	186722	81.841	ug/l	97
95) Naphthalene	13.82	128	1631004	99.022	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	462911	94.165	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: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 281572

Ion Ratio Lower Upper

168 100

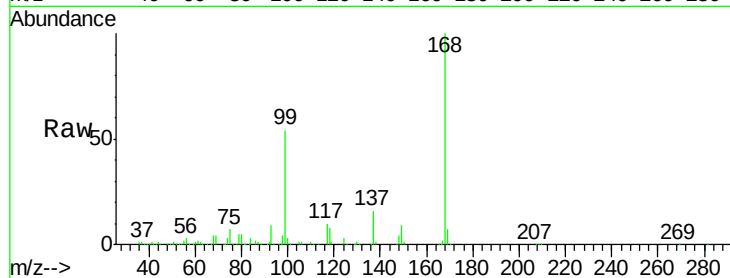
99 53.8 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

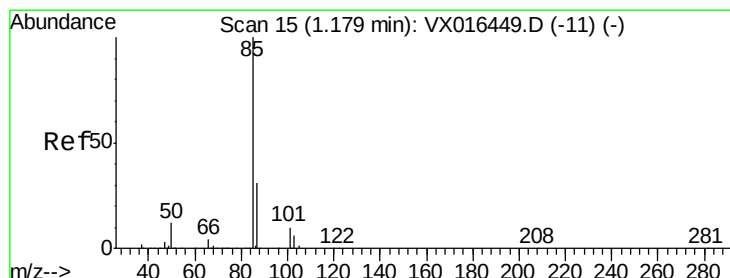
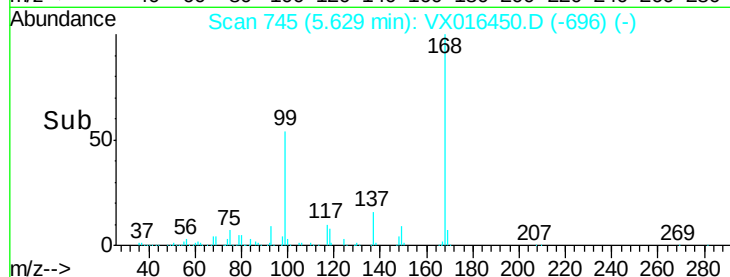
0

5.50

5.63

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 100.734 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016450.D

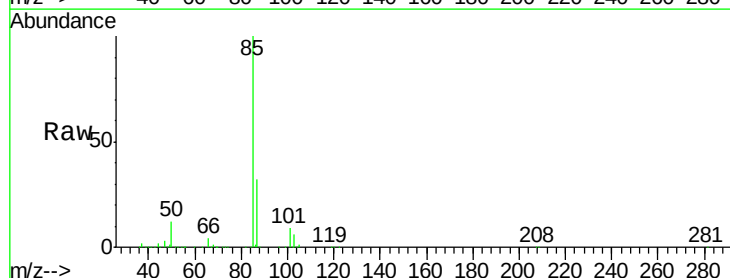
Acq: 27 May 2020 15:50

Tgt Ion: 85 Resp: 298880

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

200000

100000

0

1.10

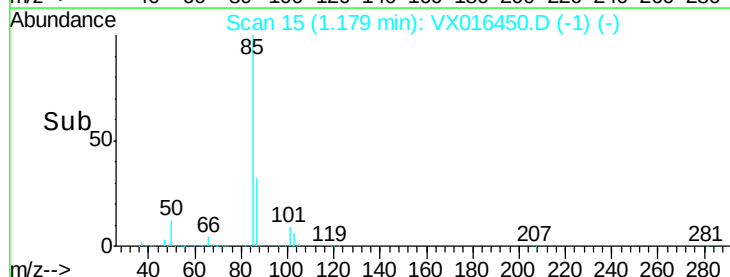
1.18

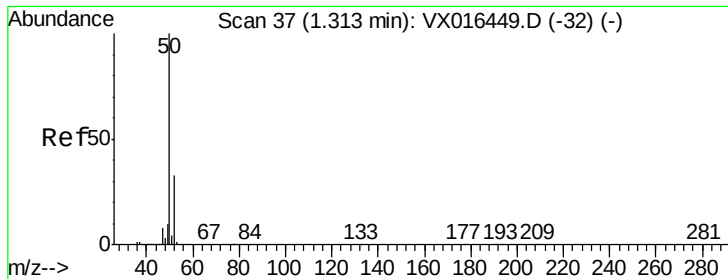
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 98.868 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 341019

Ion Ratio Lower Upper

50 100

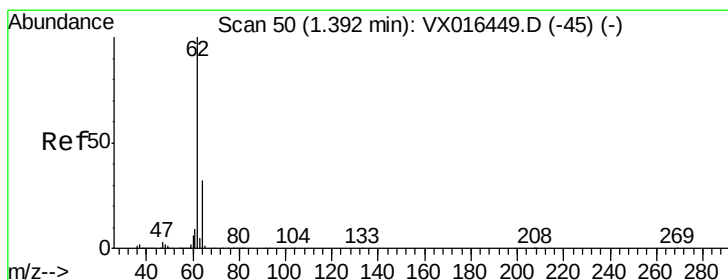
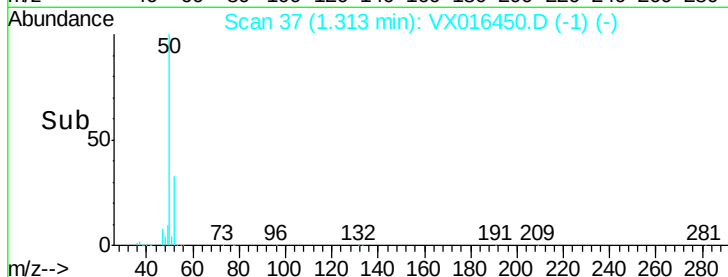
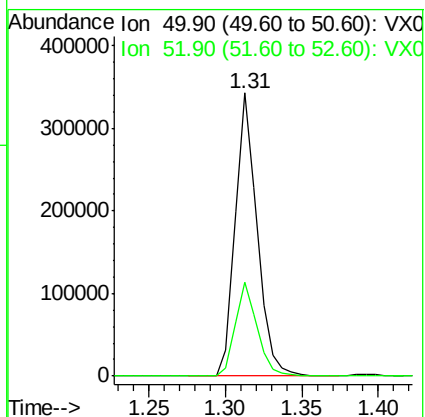
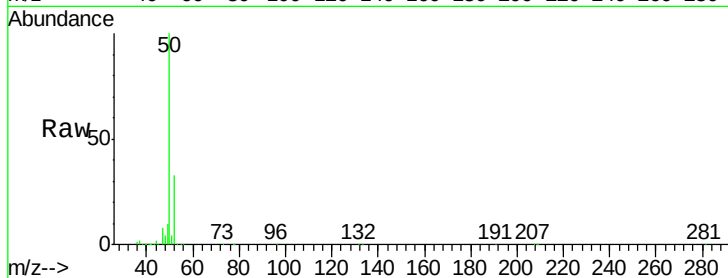
52 33.4 26.2 39.2

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#4

Vinyl Chloride

Concen: 100.864 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016450.D

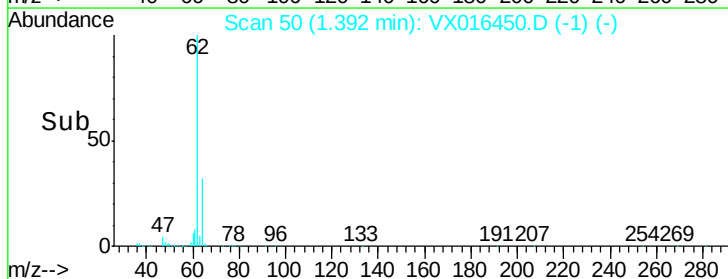
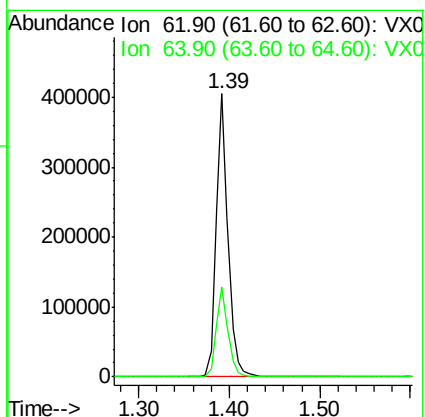
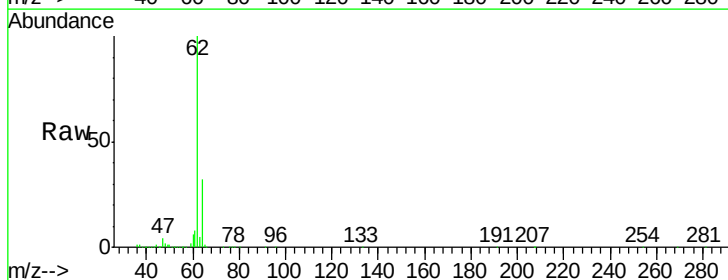
Acq: 27 May 2020 15:50

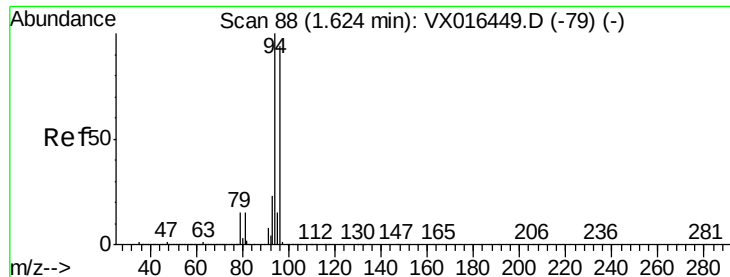
Tgt Ion: 62 Resp: 371926

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 93.839 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 172223

Ion Ratio Lower Upper

94 100

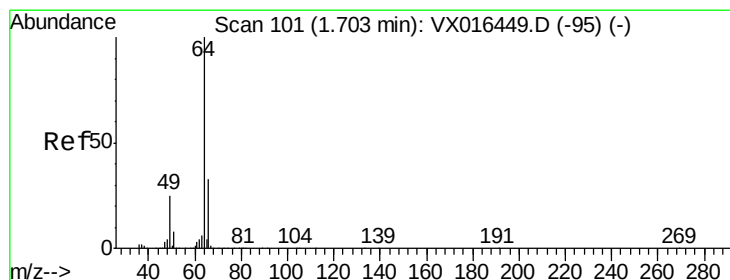
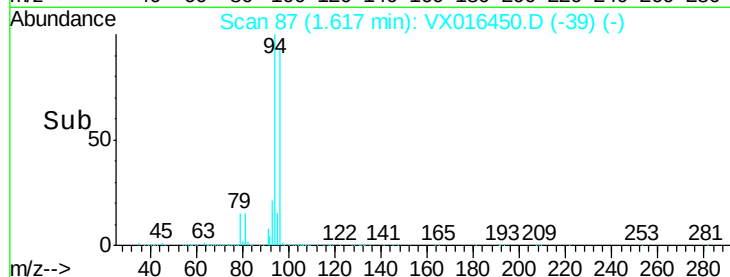
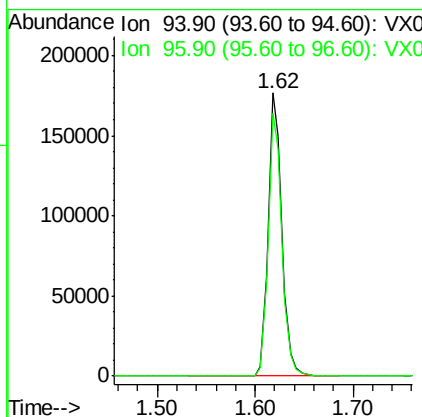
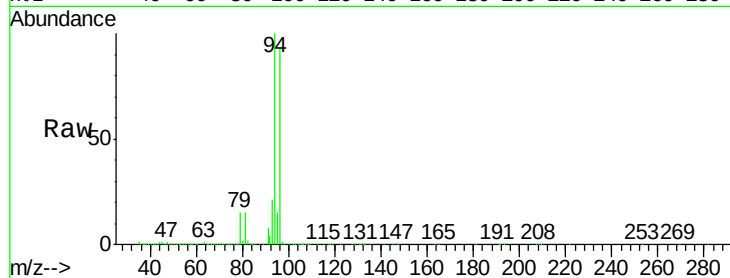
96 92.8 75.1 112.7

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#6

Chloroethane

Concen: 99.102 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016450.D

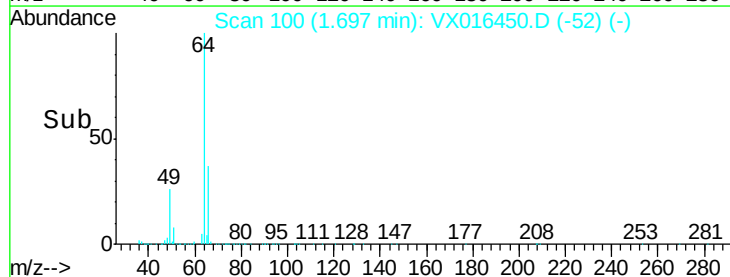
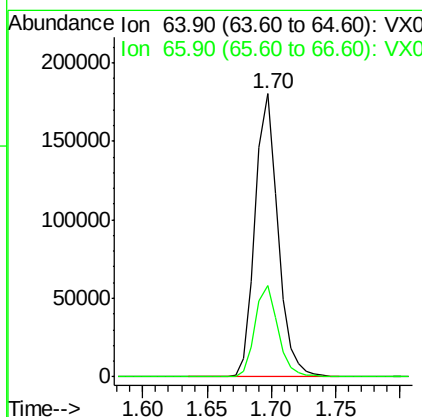
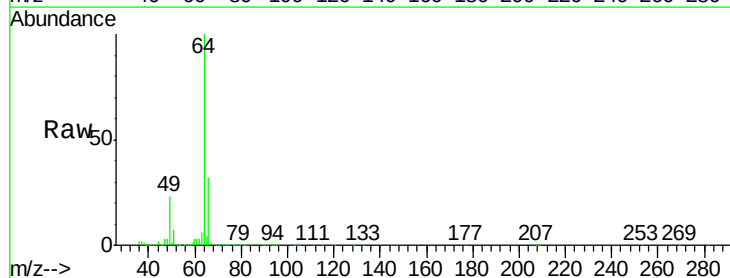
Acq: 27 May 2020 15:50

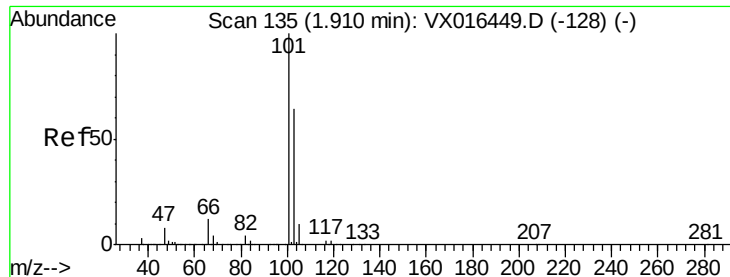
Tgt Ion: 64 Resp: 220178

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1





#7

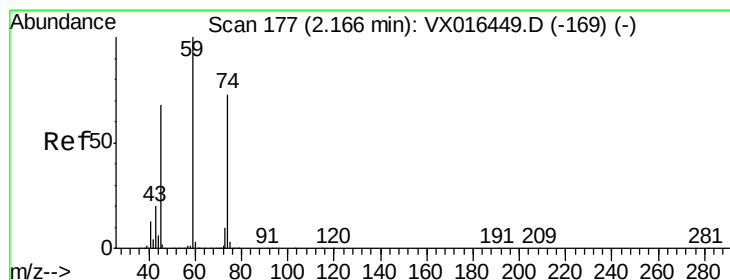
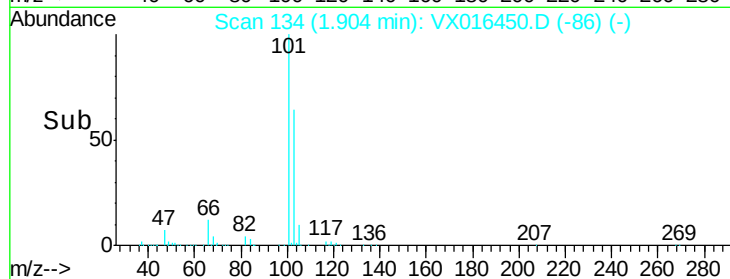
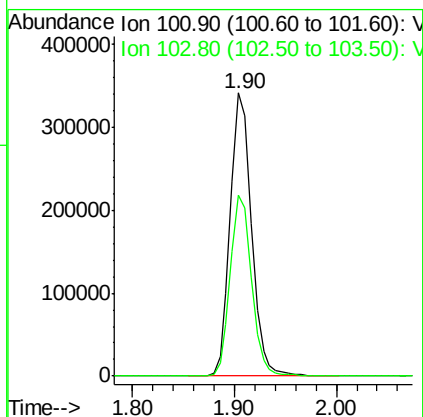
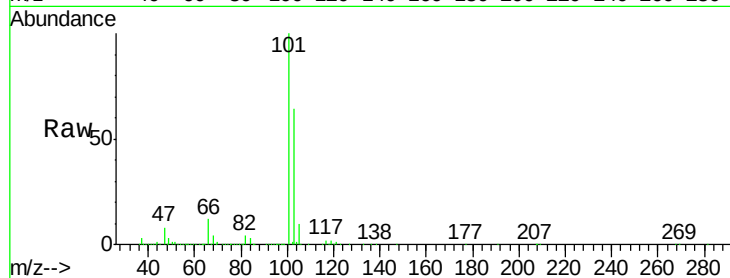
Trichlorofluoromethane
Concen: 101.681 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.9	76.3

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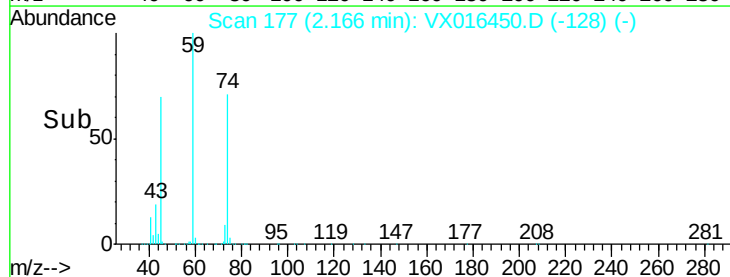
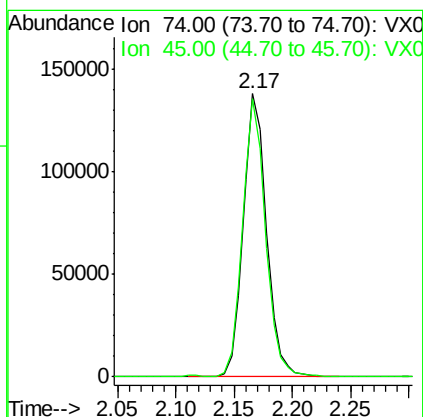
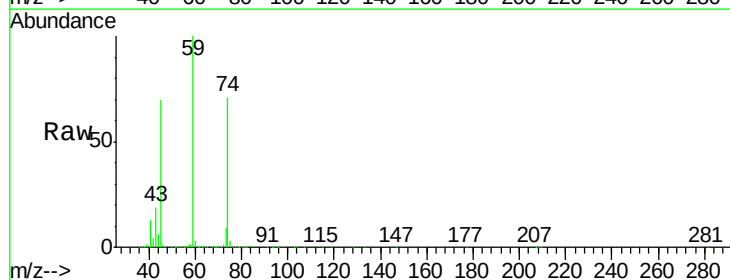
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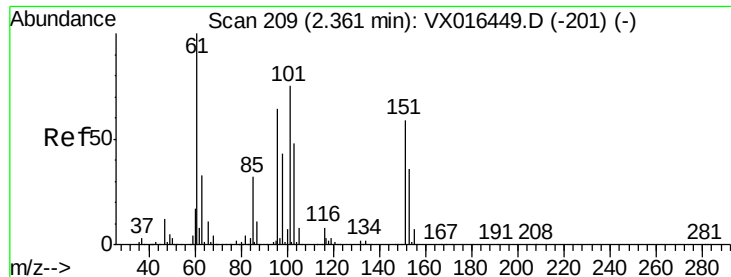


#8

Diethyl Ether
Concen: 94.942 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.843 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

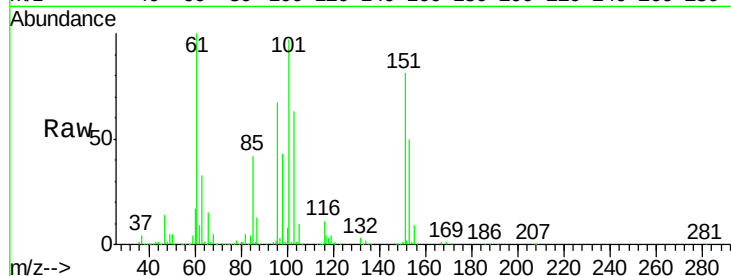
ClientSampleId :

VSTDIC100

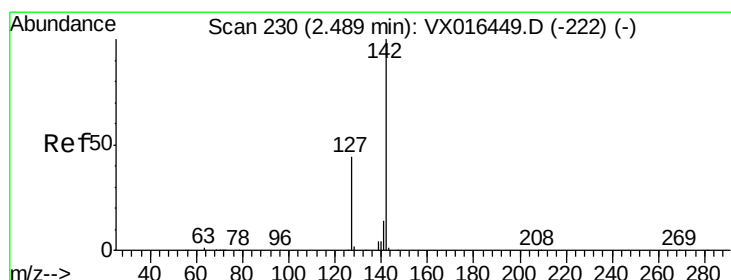
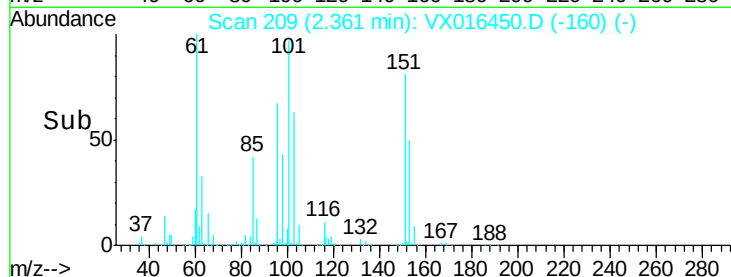
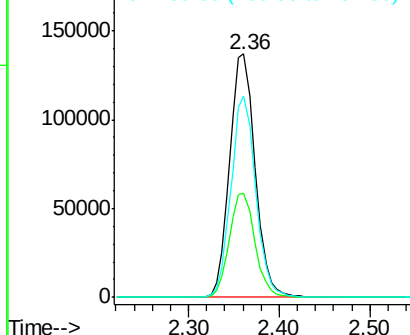
Tot Ion:	101	Resp:	268309
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.4	51.6
151	80.5	63.8	95.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 93.318 ug/l

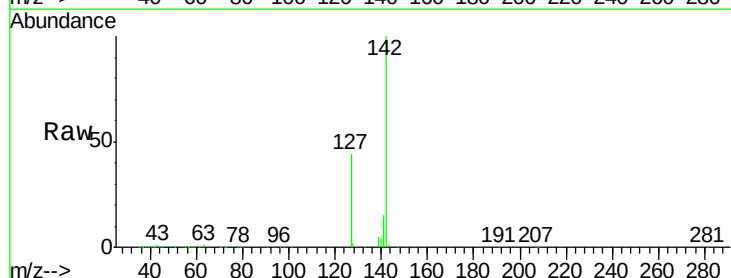
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

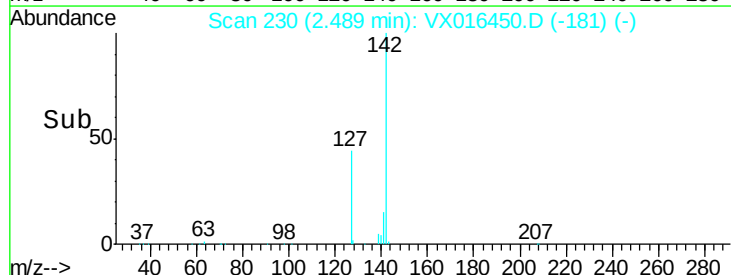
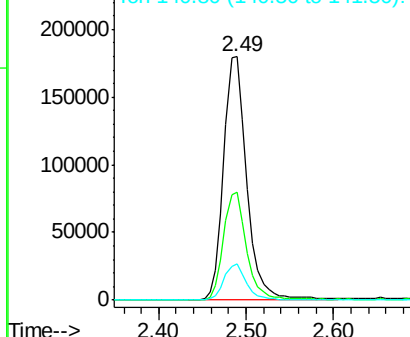
Lab File: VX016450.D

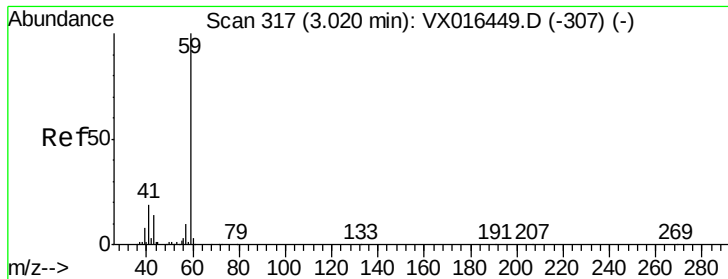
Acq: 27 May 2020 15:50

Tgt Ion:	142	Resp:	333592
Ion Ratio	Lower	Upper	
142	100		
127	44.2	35.3	52.9
141	14.5	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

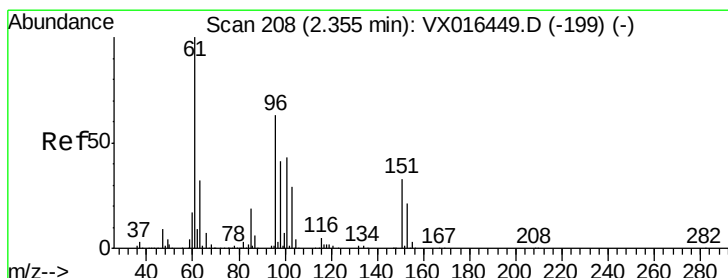
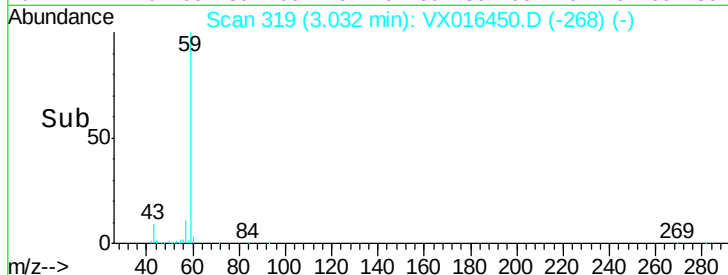
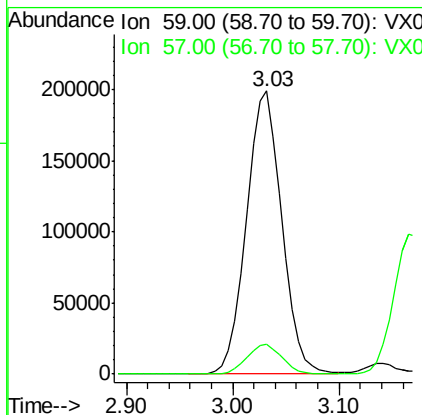
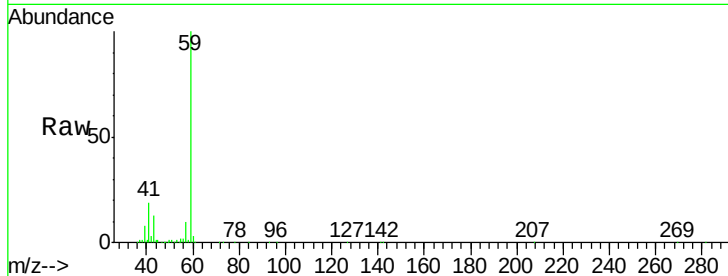
Tert butyl alcohol
Concen: 496.712 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

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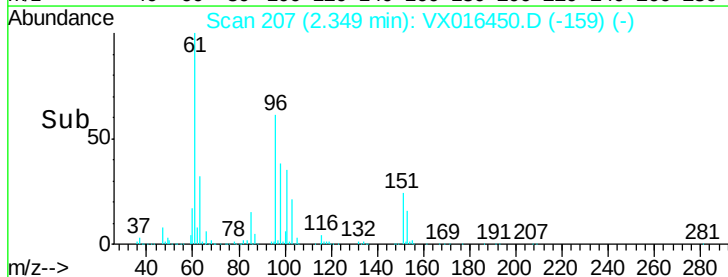
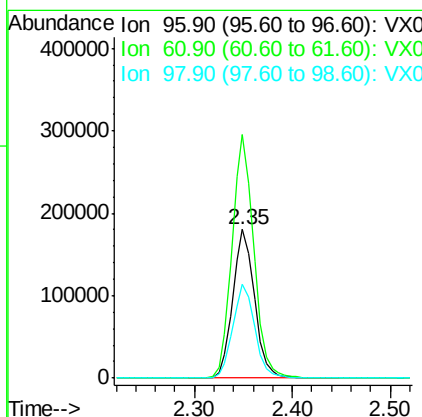
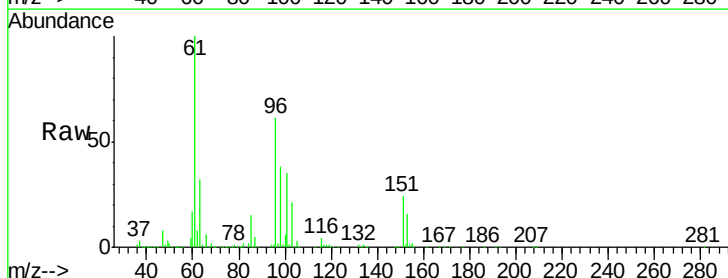
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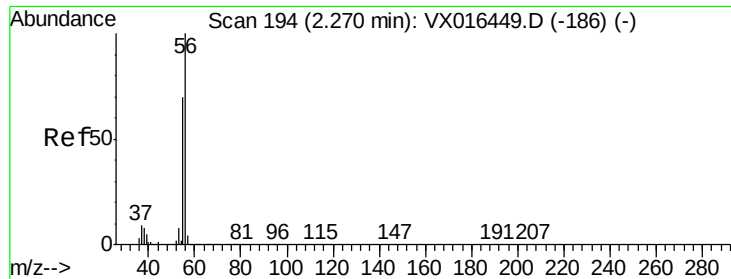


#12

1,1-Dichloroethene
Concen: 95.661 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.3	126.6	189.8
98	63.1	51.3	76.9





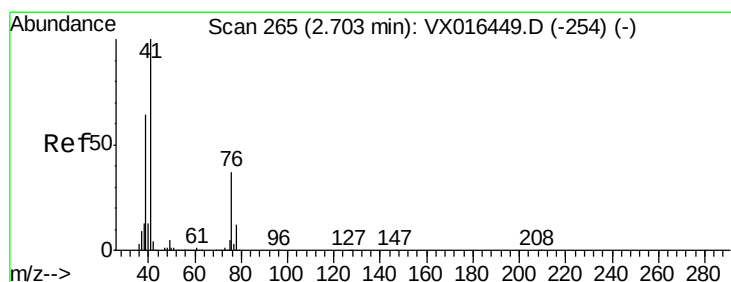
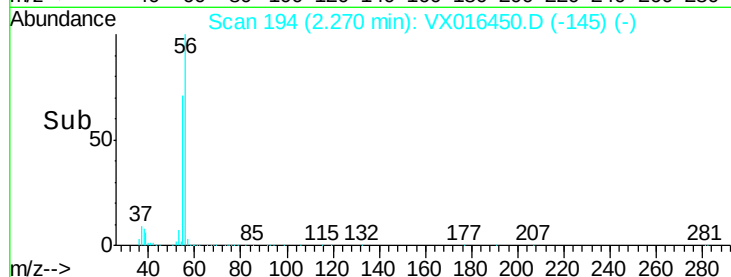
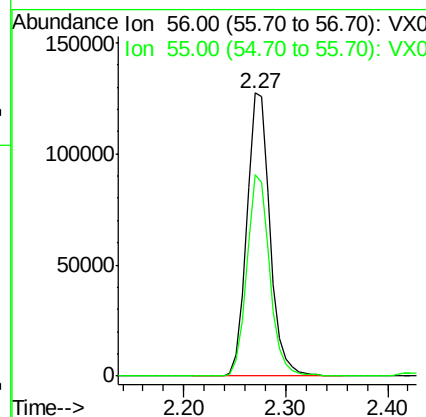
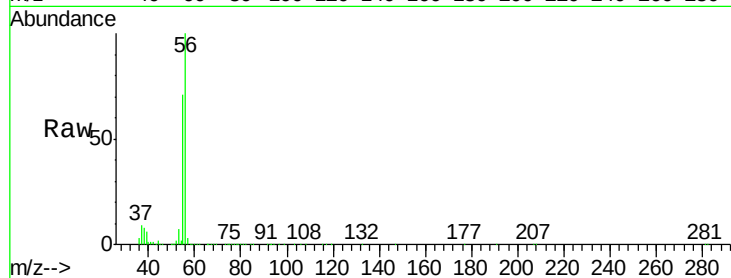
#13
Acrolein
Concen: 366.057 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	58.3	87.5

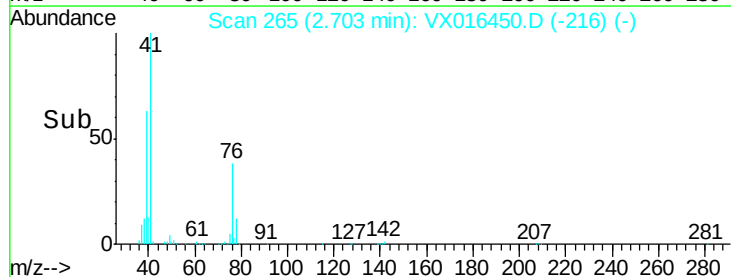
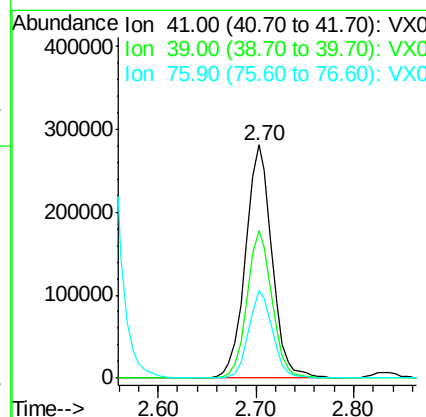
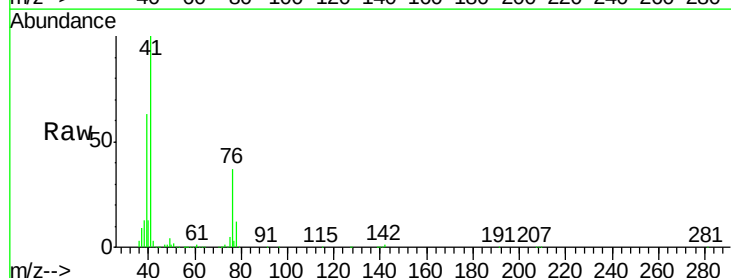
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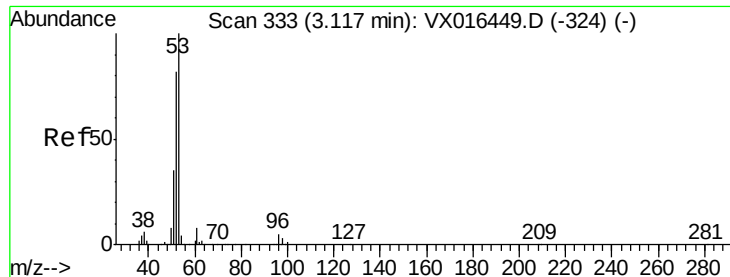
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#14
Allyl chloride
Concen: 98.705 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.5	47.7	71.5
76	33.9	26.6	40.0





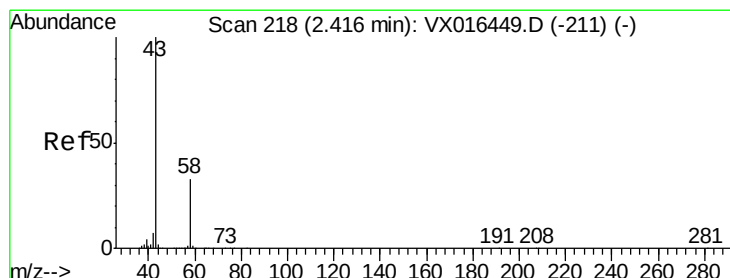
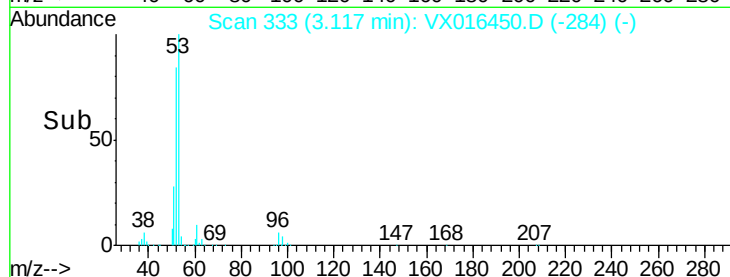
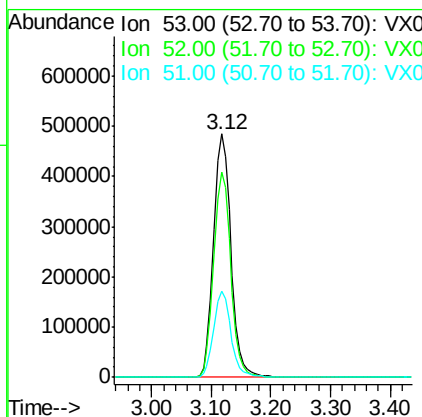
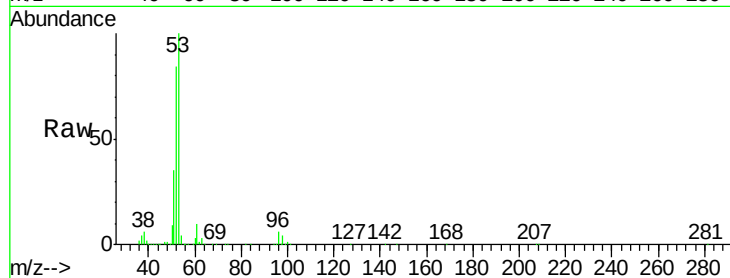
#15
 Acrylonitrile
 Concen: 501.633 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	35.5	28.6	43.0

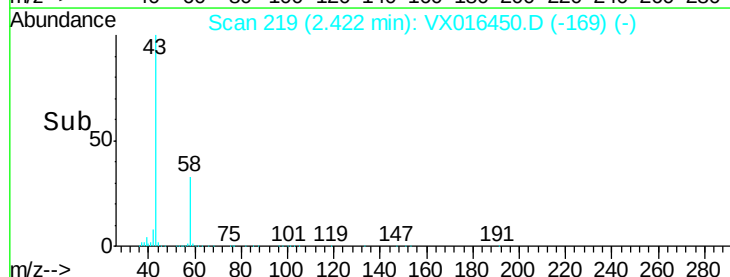
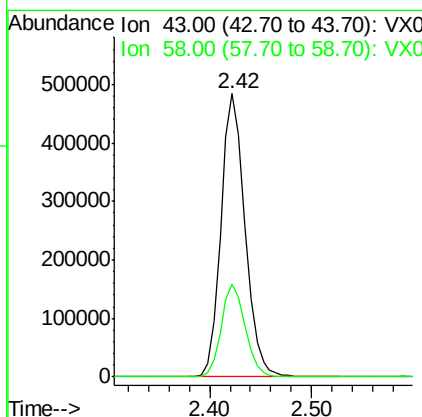
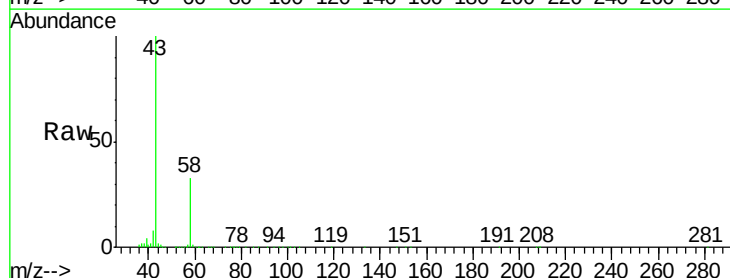
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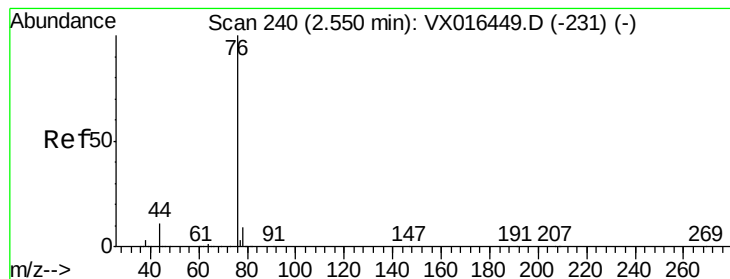
MMDadoda
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#16
 Acetone
 Concen: 481.406 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.1	39.1





#17

Carbon Disulfide

Concen: 84.869 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 837605

Ion Ratio Lower Upper

76 100

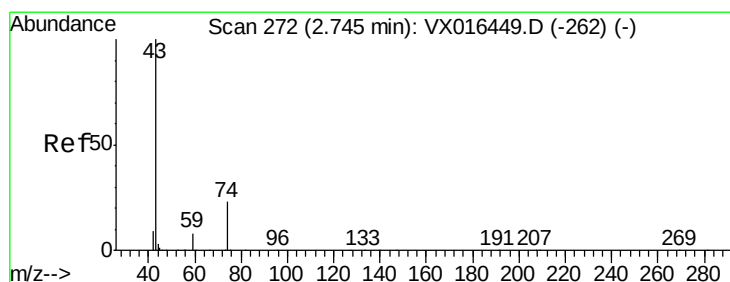
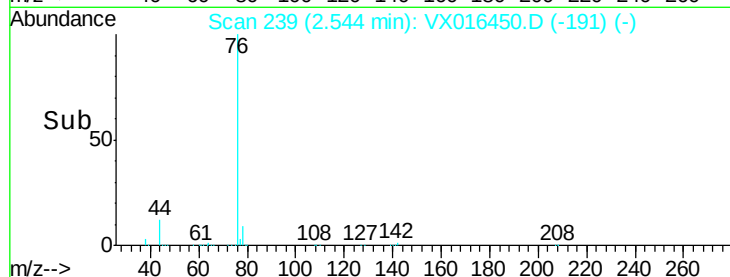
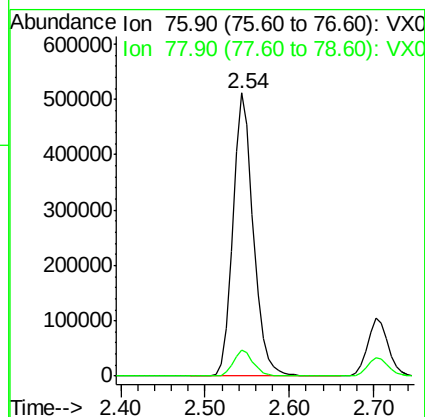
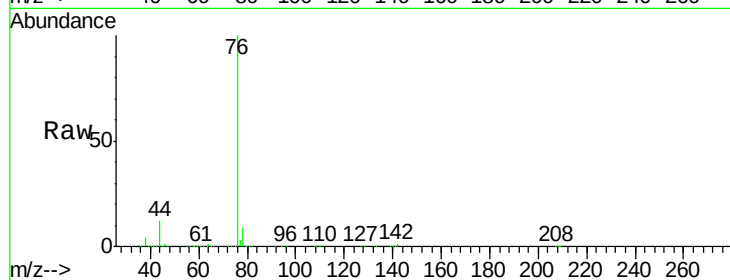
78 9.1 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 101.009 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016450.D

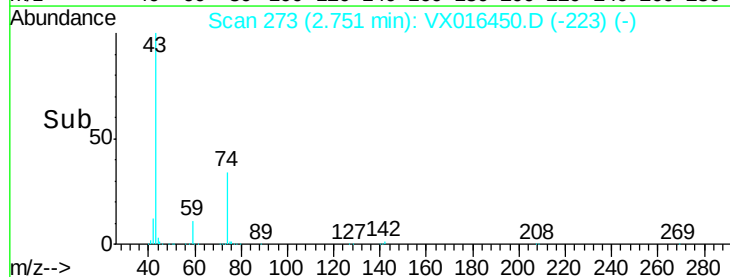
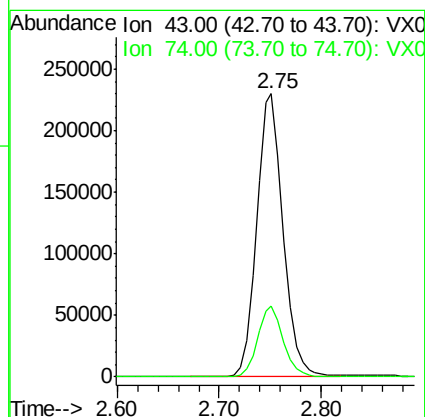
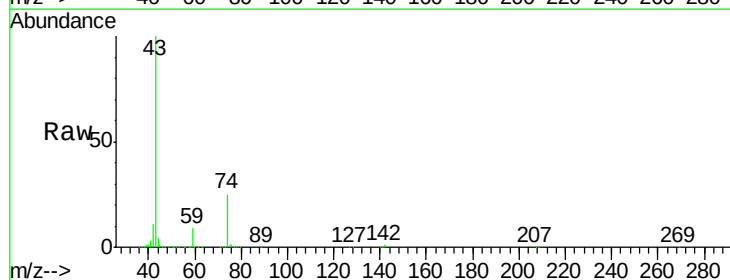
Acq: 27 May 2020 15:50

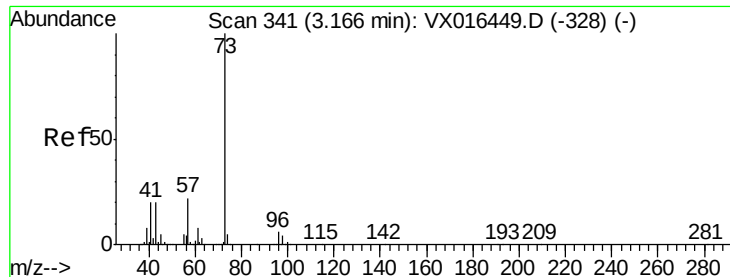
Tgt Ion: 43 Resp: 412367

Ion Ratio Lower Upper

43 100

74 24.7 19.7 29.5





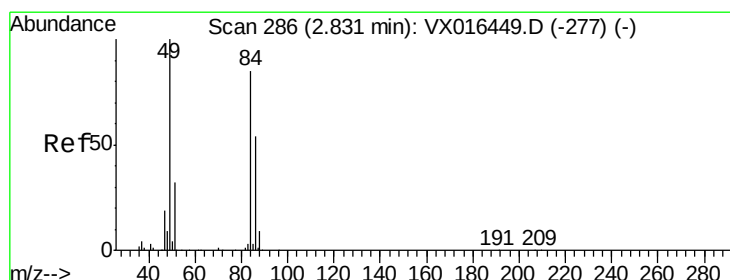
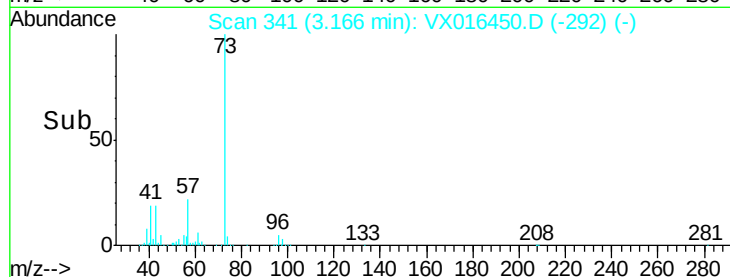
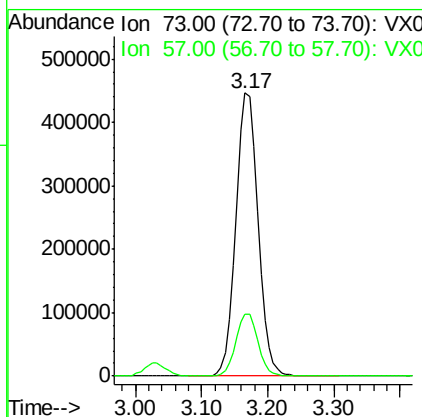
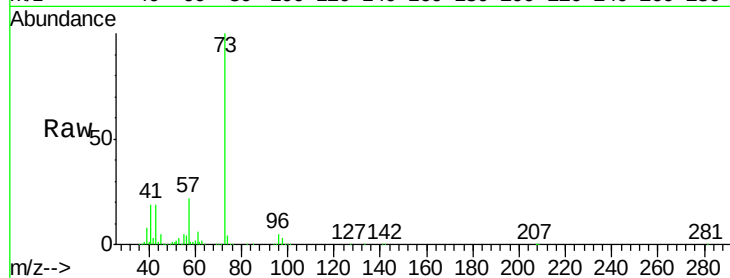
#19
Methyl tert-butyl Ether
Concen: 102.670 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1036274
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.6

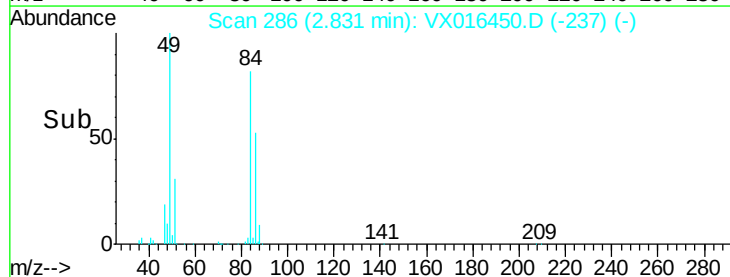
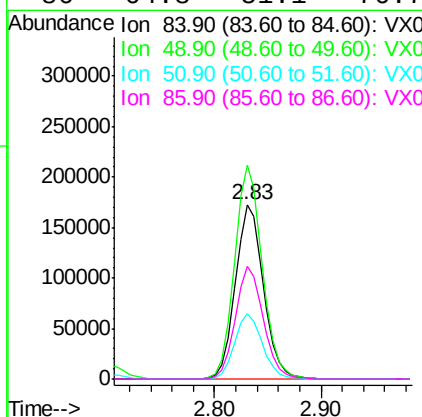
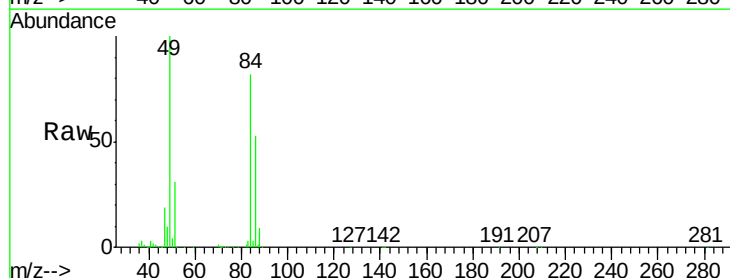
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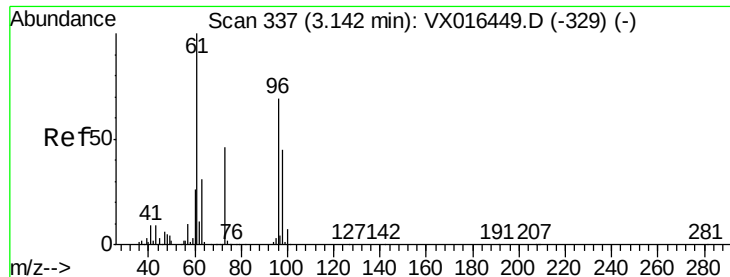
MMDadoda
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#20
Methylene Chloride
Concen: 94.207 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 84 Resp: 320234
Ion Ratio Lower Upper
84 100
49 122.4 94.5 141.7
51 37.4 30.2 45.4
86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 97.006 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

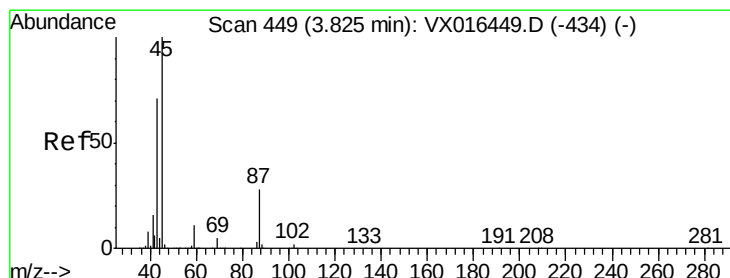
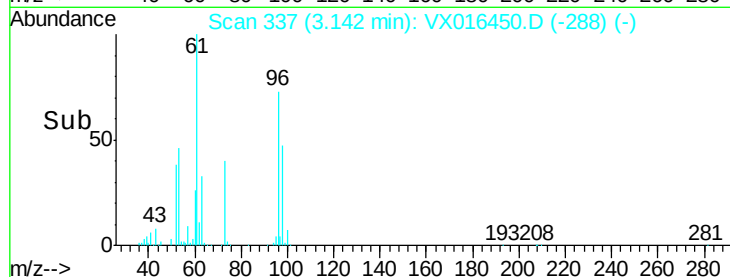
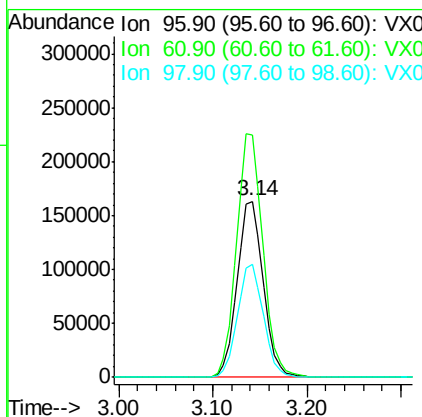
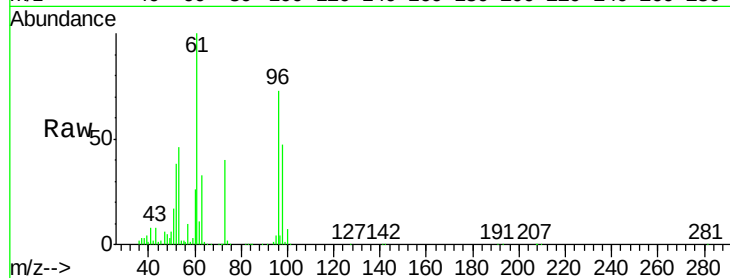
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	315737
Ion	Ratio	Lower	Upper
96	100		
61	137.5	115.3	172.9
98	64.5	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 100.094 ug/l

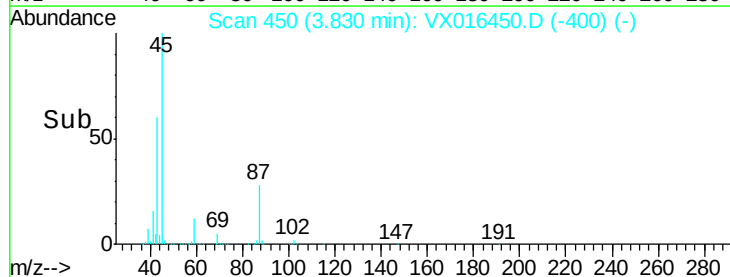
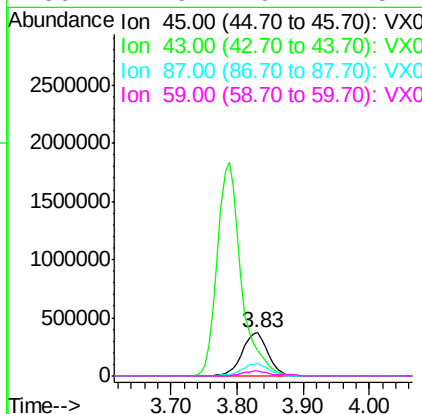
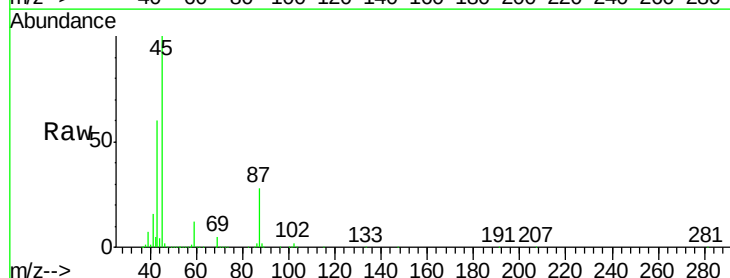
RT: 3.83 min Scan# 450

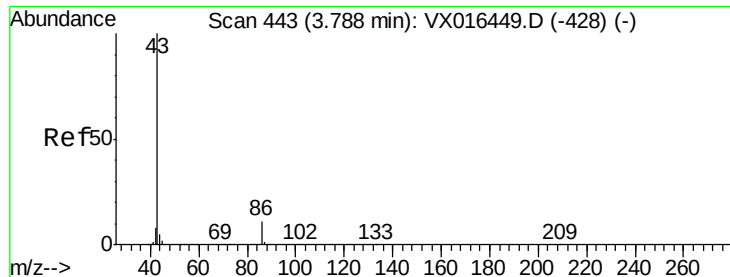
Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion:	45	Resp:	1014533
Ion	Ratio	Lower	Upper
45	100		
43	60.3	57.0	85.6
87	28.5	22.5	33.7
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 516.439 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 4599379

Ion Ratio Lower Upper

43 100

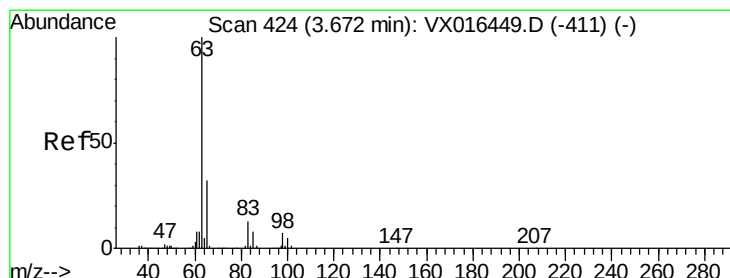
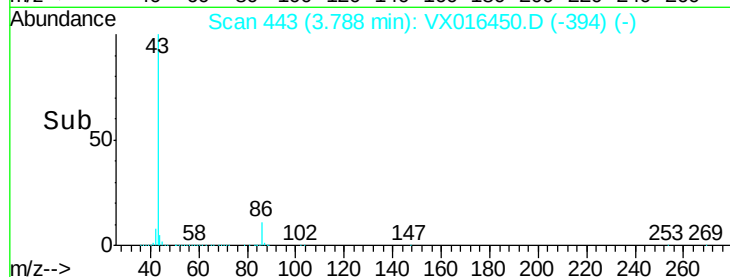
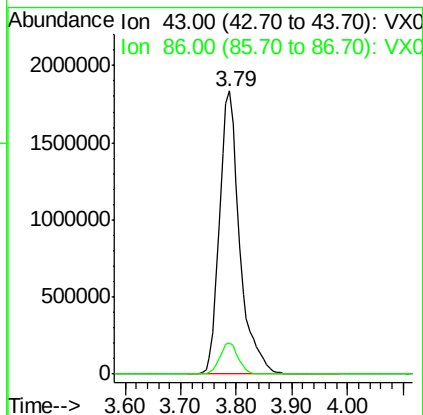
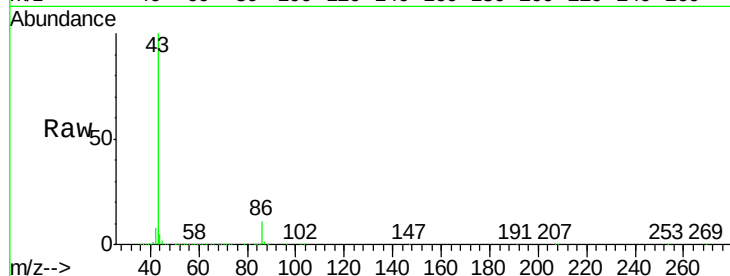
86 11.0 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 100.144 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

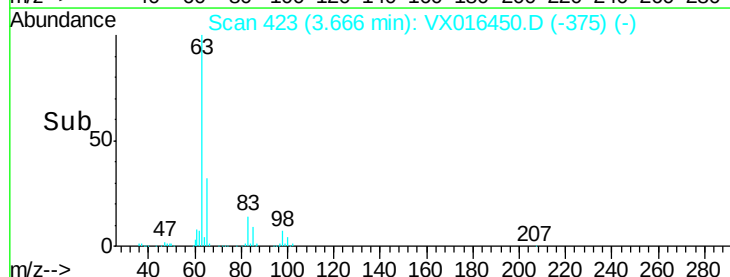
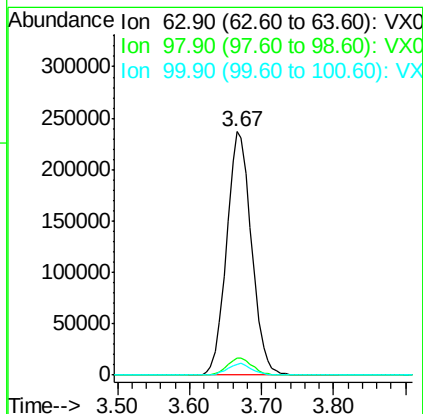
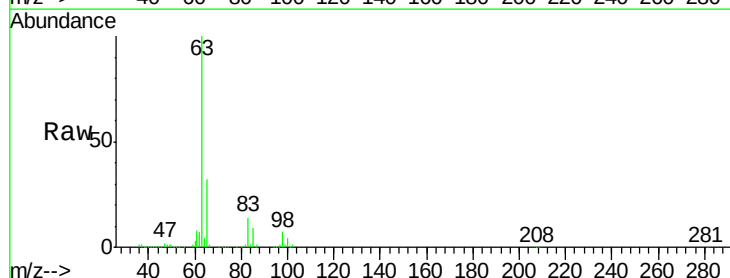
Tgt Ion: 63 Resp: 567530

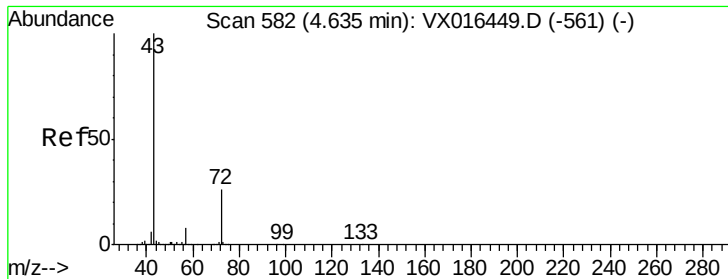
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 518.351 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1385822

Ion Ratio Lower Upper

43 100

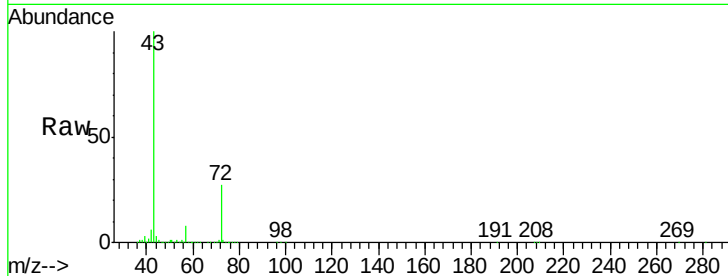
72 26.9 21.0 31.6

Manual Integrations

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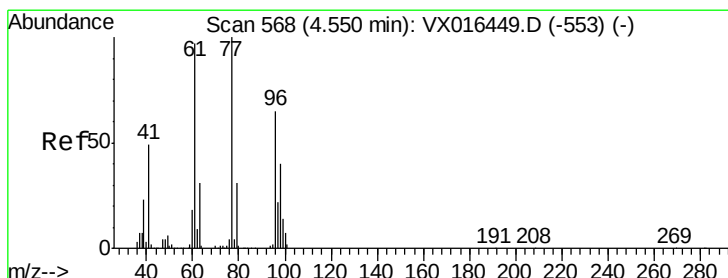
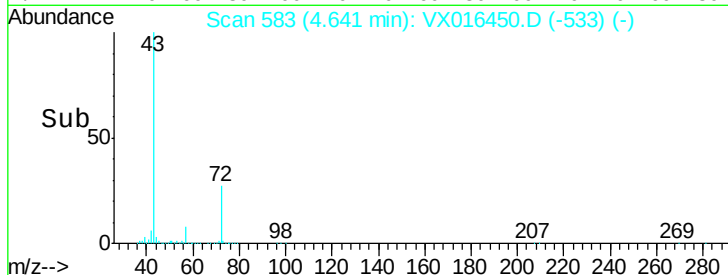
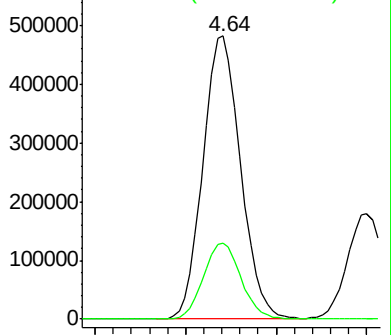
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 91.923 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016450.D

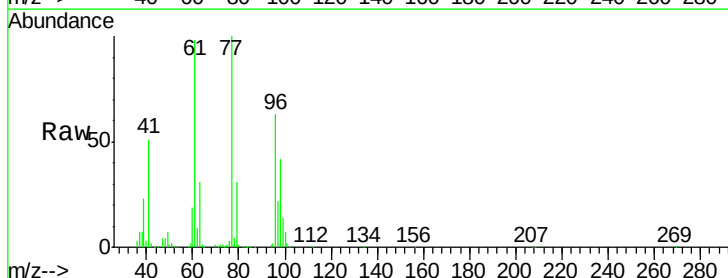
Acq: 27 May 2020 15:50

Tgt Ion: 77 Resp: 465800

Ion Ratio Lower Upper

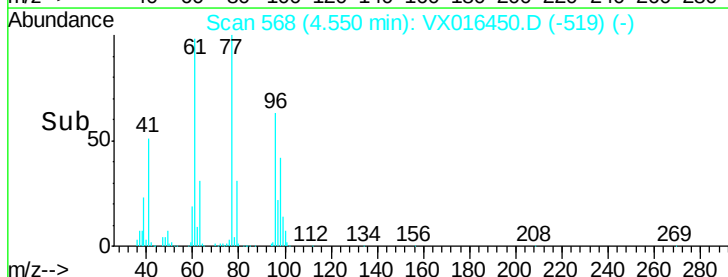
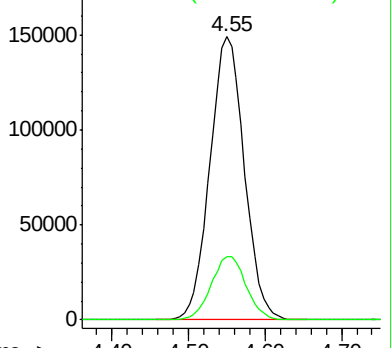
77 100

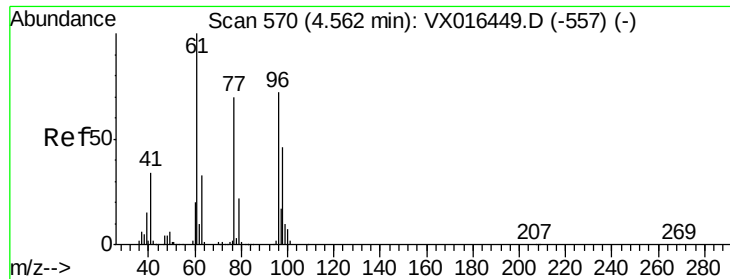
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

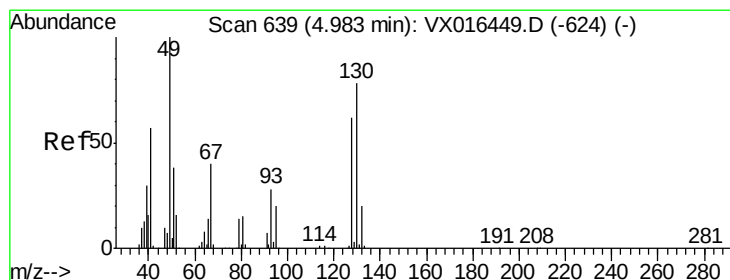
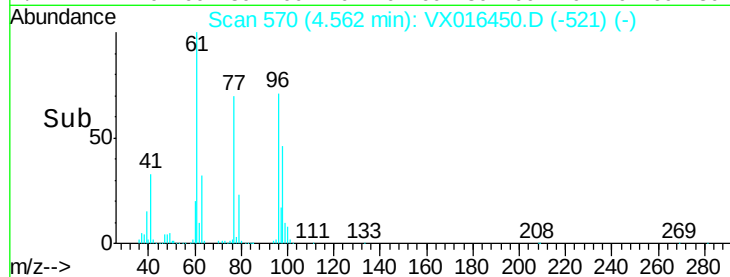
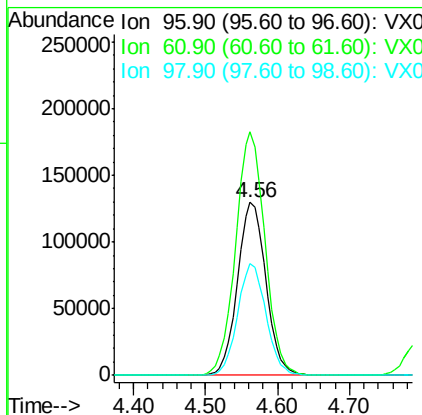
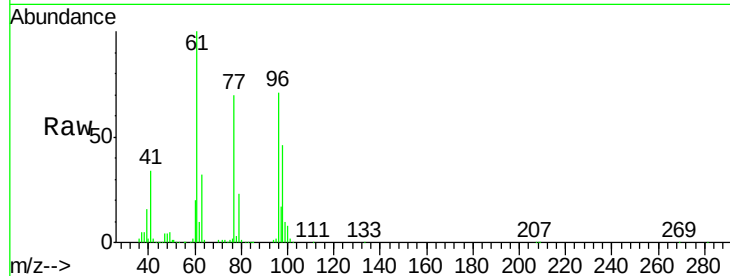
cis-1,2-Dichloroethene
Concen: 99.866 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.1	0.0	284.6	
98	64.4	0.0	127.2	

Manual Integrations
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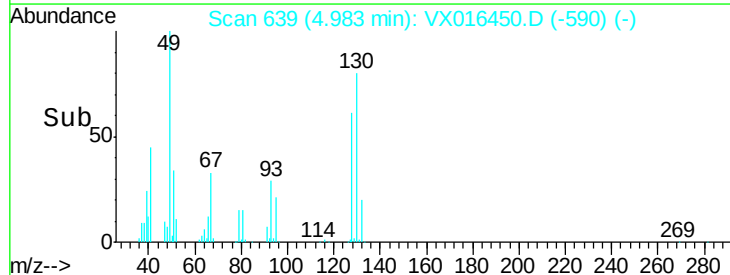
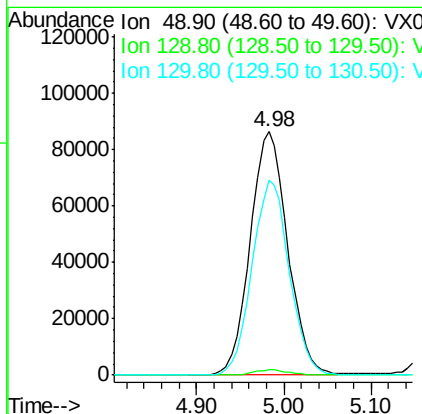
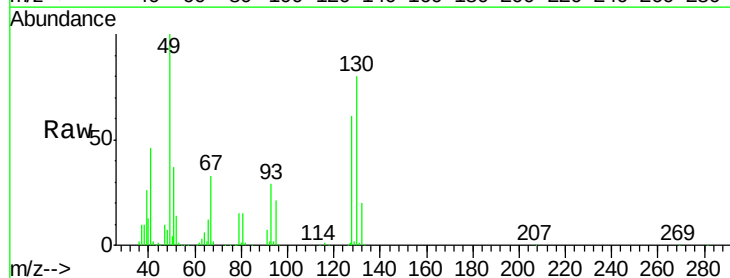
MMDadoda
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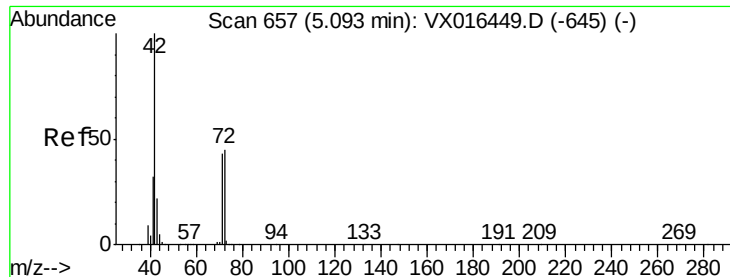


#28

Bromochloromethane
Concen: 99.705 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	79.7	63.0	94.4	





#29

Tetrahydrofuran

Concen: 511.086 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

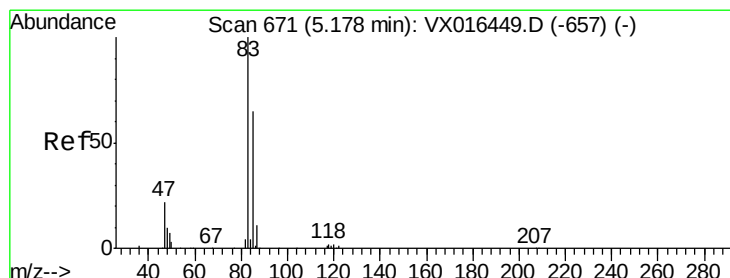
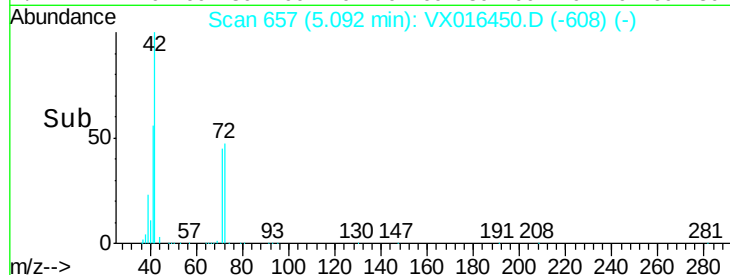
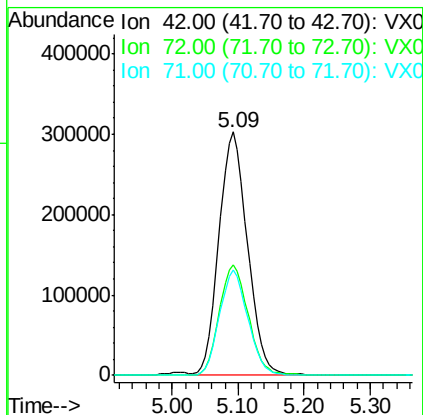
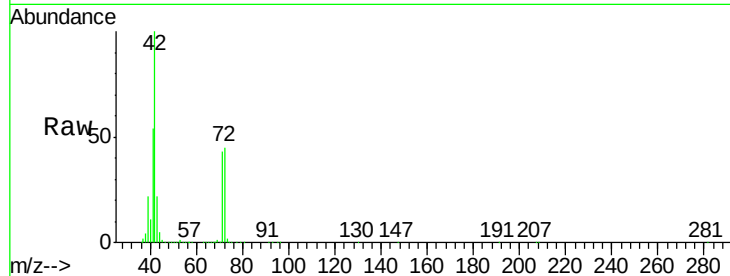
ClientSampleId :

VSTDIC100

Tot Ion:	42	Resp:	904222
Ion Ratio		Lower	Upper
42	100		
72	46.1	37.0	55.4
71	43.1	34.1	51.1

Manual Integrations
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MMDadoda
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#30

Chloroform

Concen: 101.210 ug/l

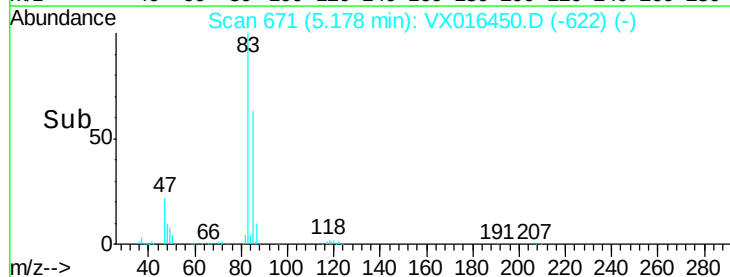
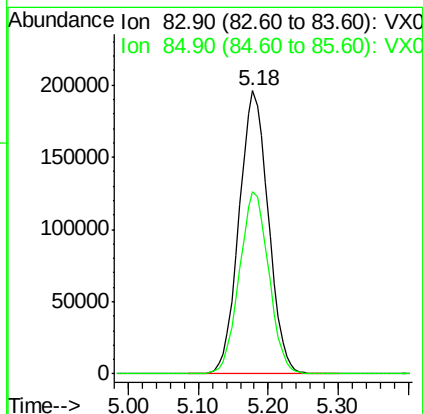
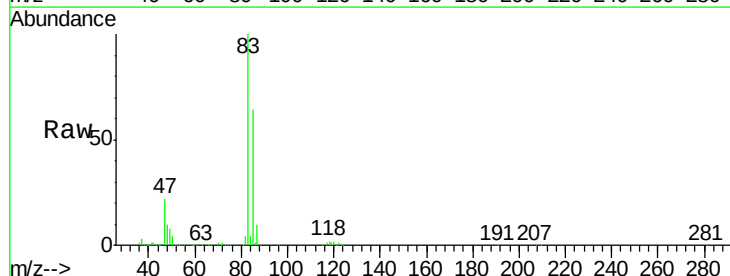
RT: 5.18 min Scan# 671

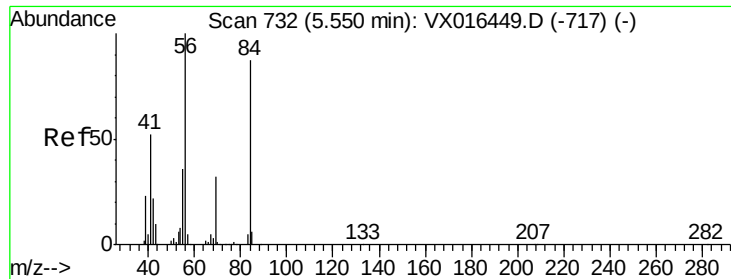
Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion:	83	Resp:	570802
Ion Ratio		Lower	Upper
83	100		
85	64.4	52.0	78.0





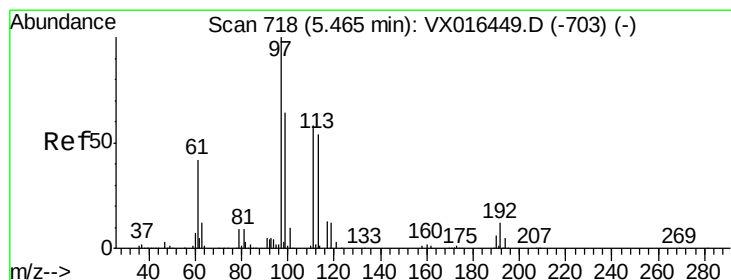
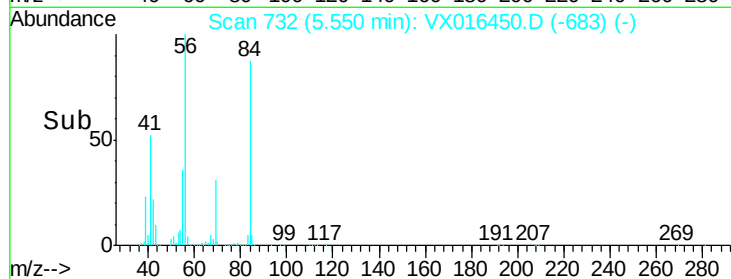
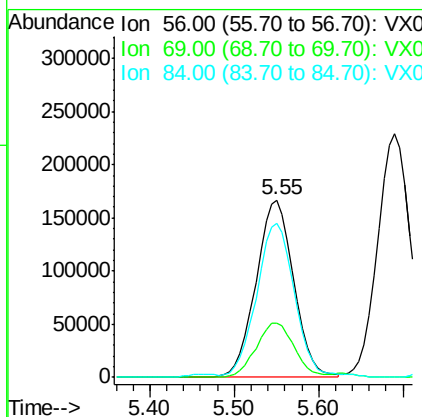
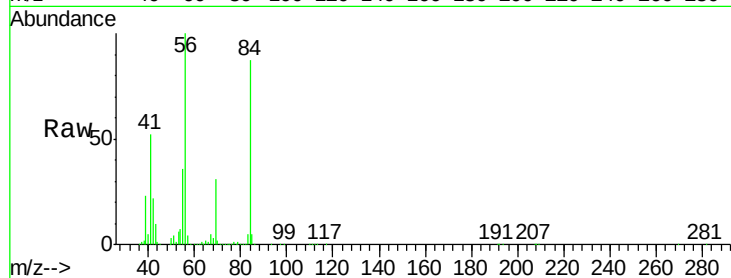
#31
Cyclohexane
Concen: 100.323 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.7	38.5
84	85.7	70.0	105.0

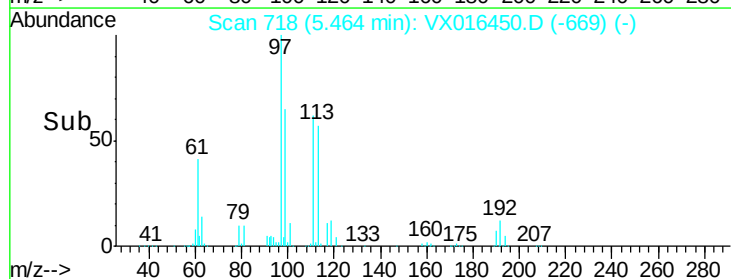
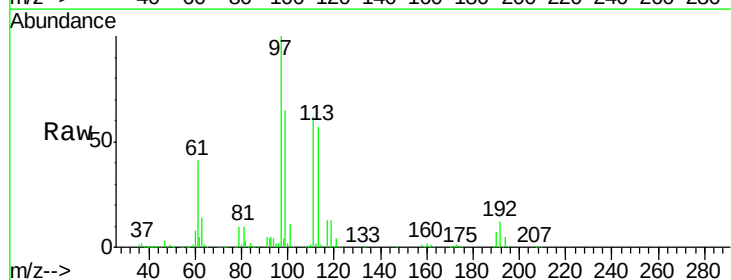
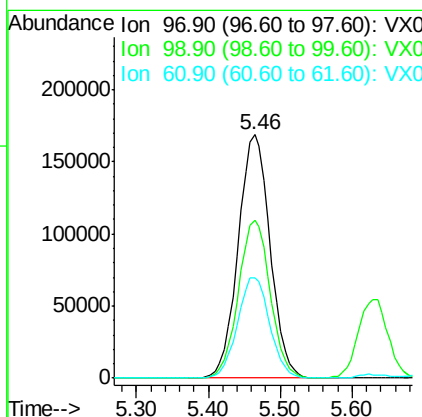
Manual Integrations
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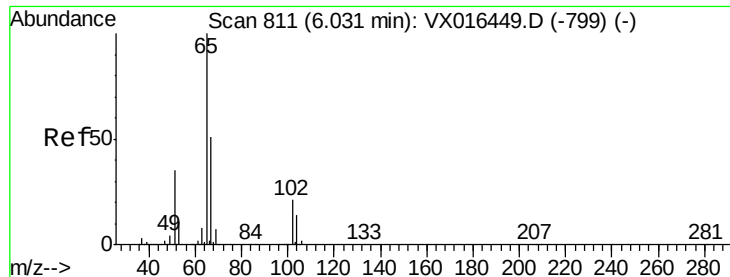
MMDadoda
5/28/2020 2:10:27 PM



#32
1,1,1-Trichloroethane
Concen: 101.208 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	42.0	33.5	50.3





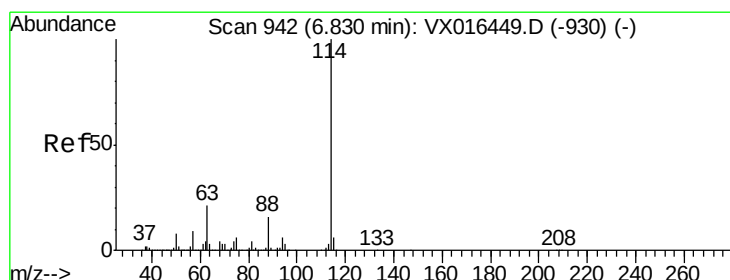
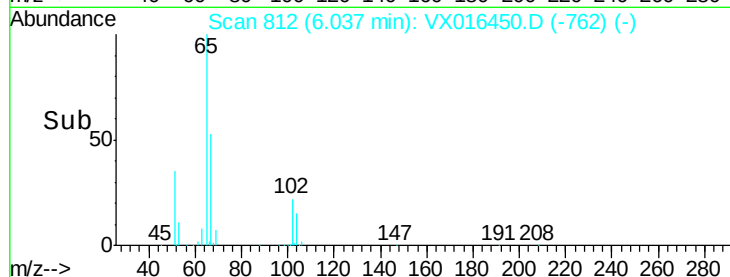
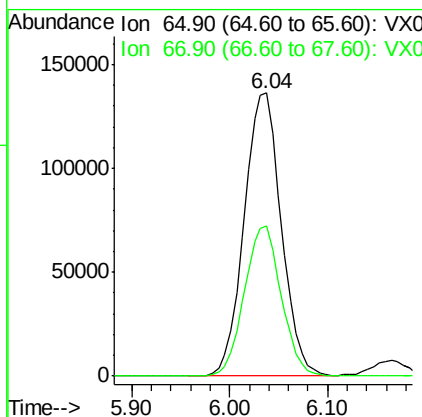
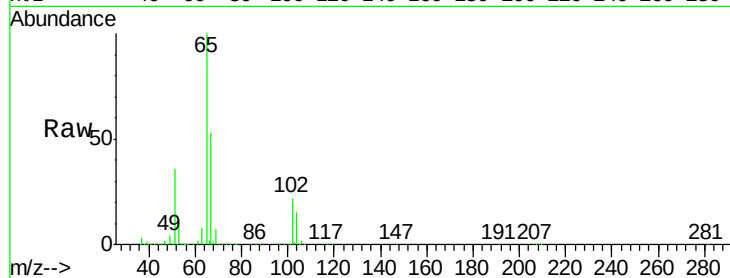
#33
 1,2-Dichloroethane-d4
 Concen: 96.782 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	104.8	

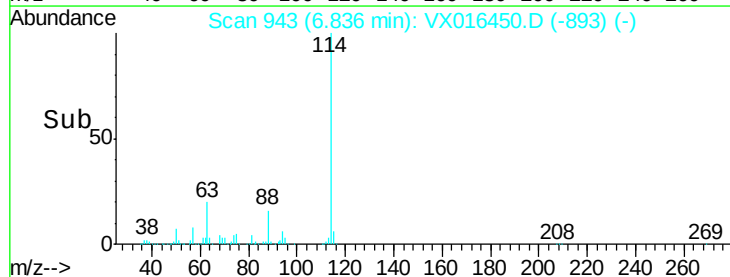
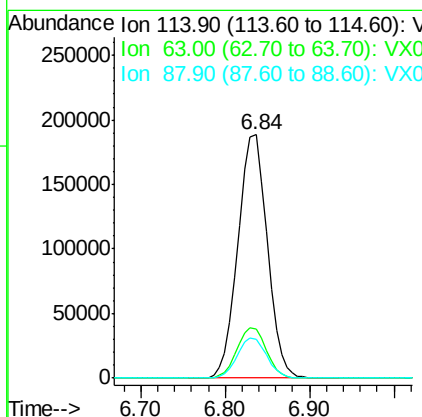
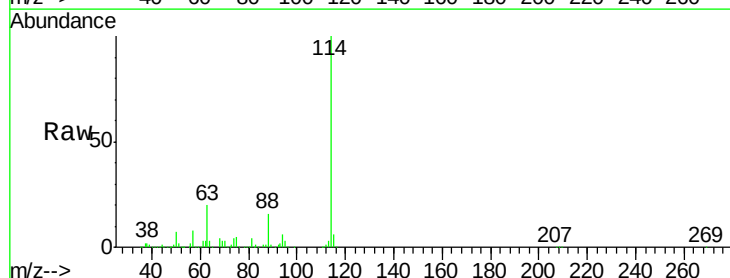
Manual Integrations
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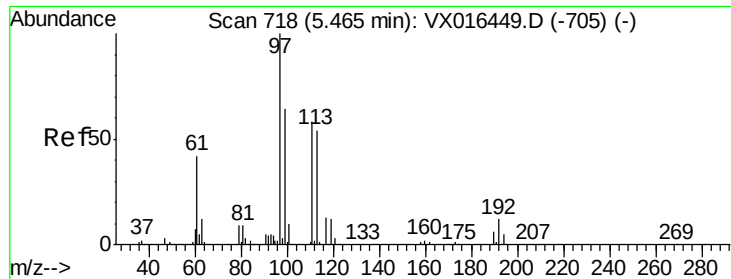
MMDadoda
 5/28/2020 2:10:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	42.6	
88	15.8	0.0	32.8	





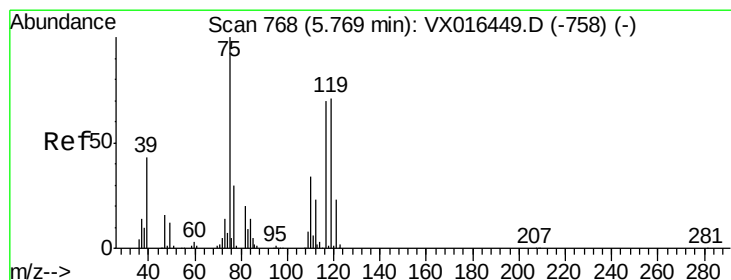
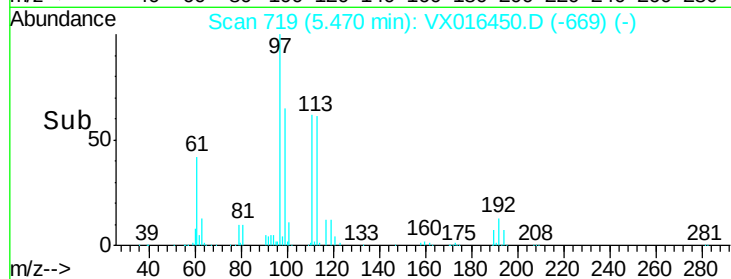
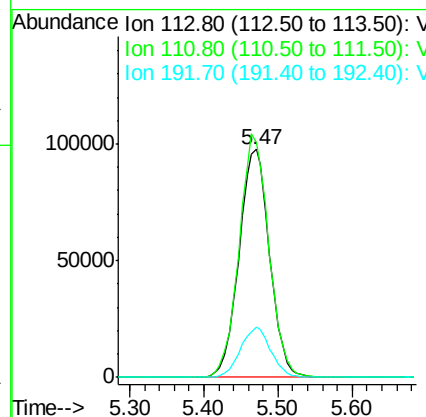
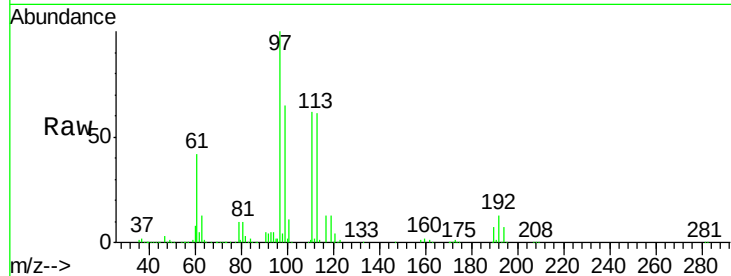
#35
 Dibromofluoromethane
 Concen: 99.626 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	281259		
111	103.6	83.0	124.6	
192	21.7	17.7	26.5	

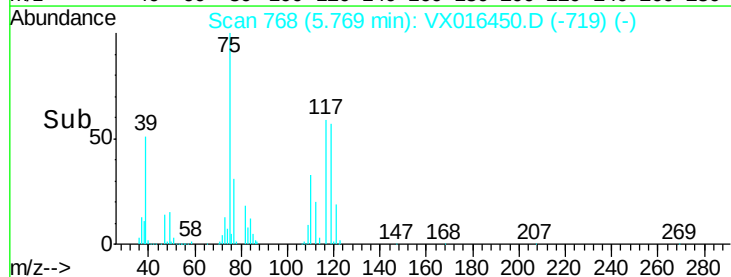
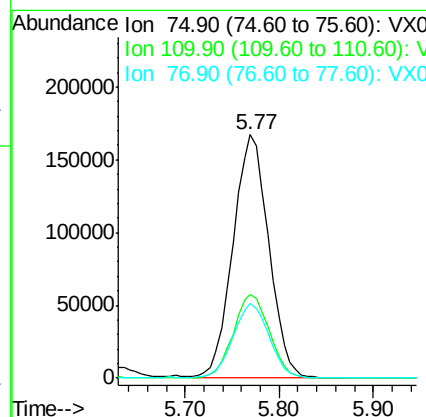
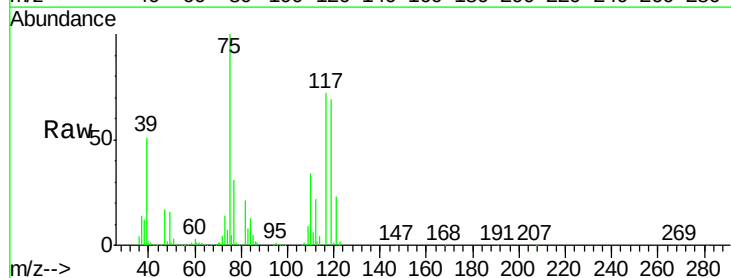
Manual Integrations
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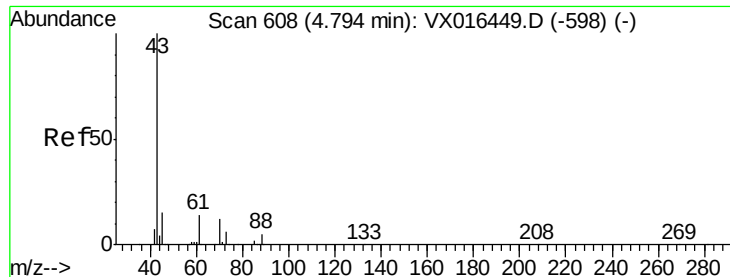
MMDadoda
 5/28/2020 2:10:27 PM



#36
 1,1-Dichloropropene
 Concen: 100.553 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	440191		
110	34.7	17.4	52.3	
77	31.0	24.2	36.4	





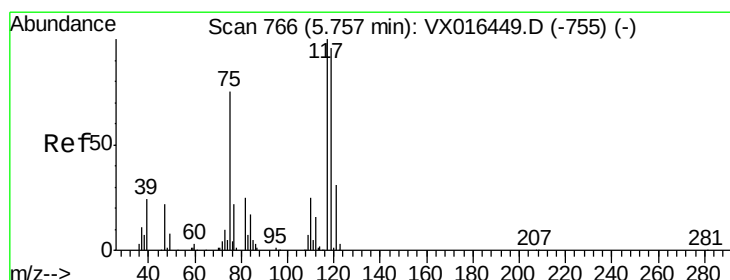
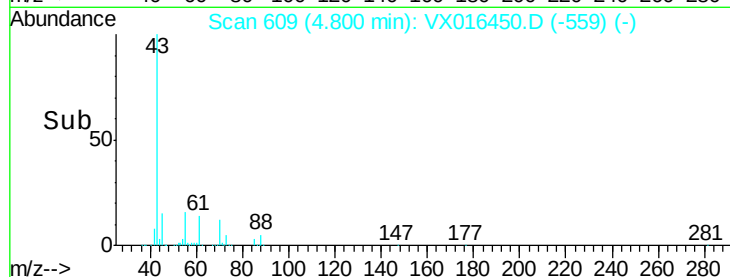
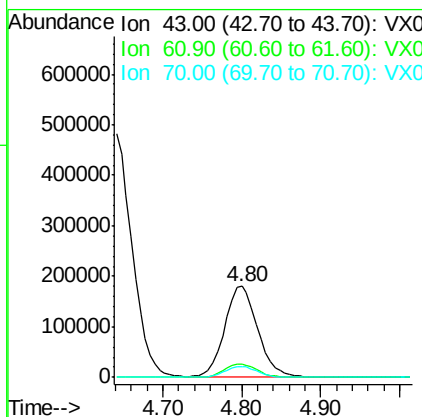
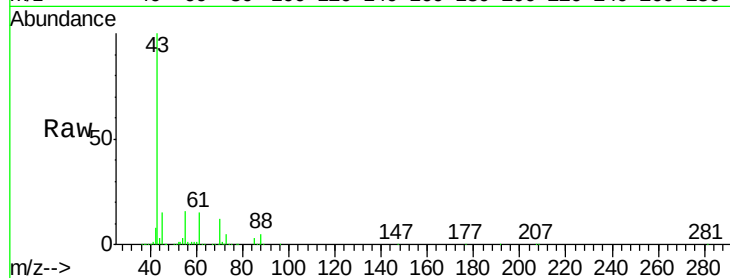
#37
Ethyl Acetate
Concen: 102.814 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	522480
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	11.9	9.3	13.9

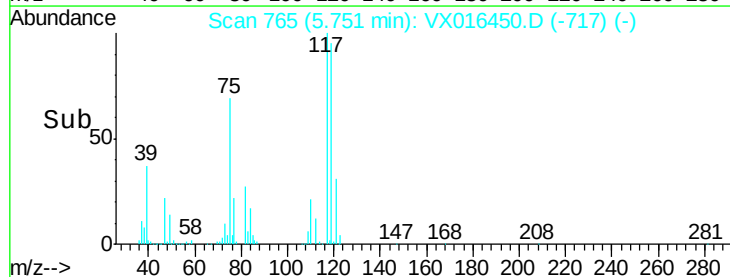
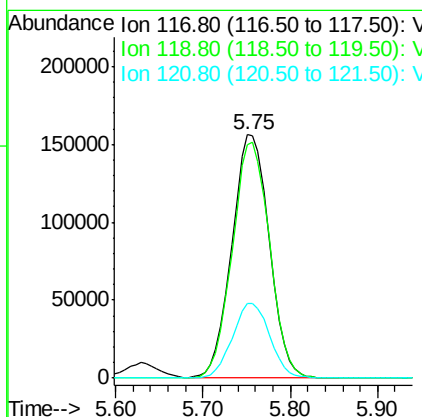
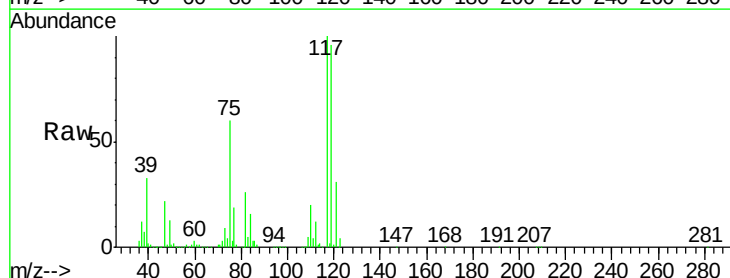
Manual Integrations
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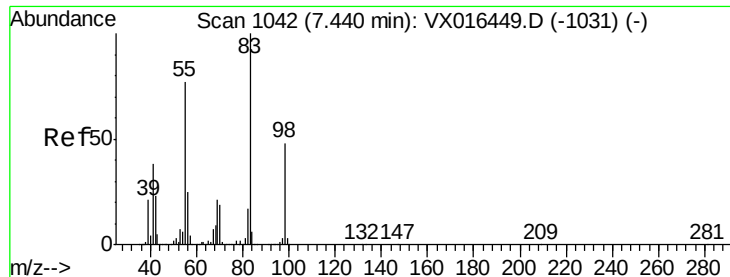
MMDadoda
5/28/2020 2:10:27 PM



#38
Carbon Tetrachloride
Concen: 104.065 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion:	117	Resp:	464532
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.3	114.5
121	30.7	24.6	37.0





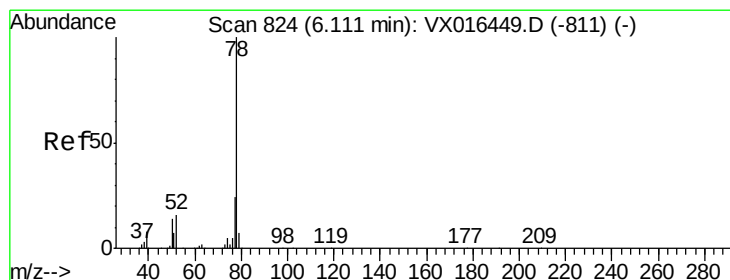
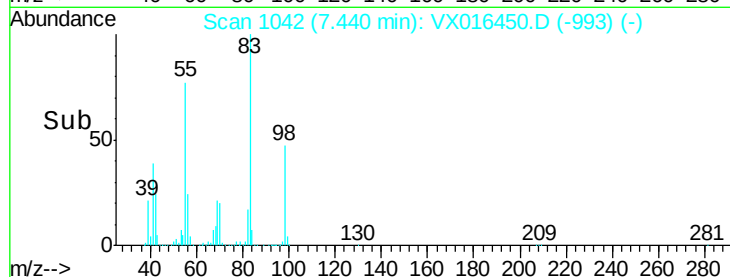
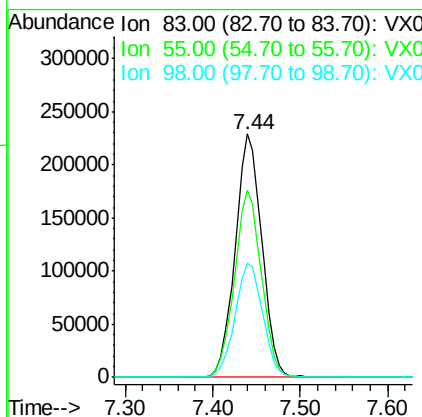
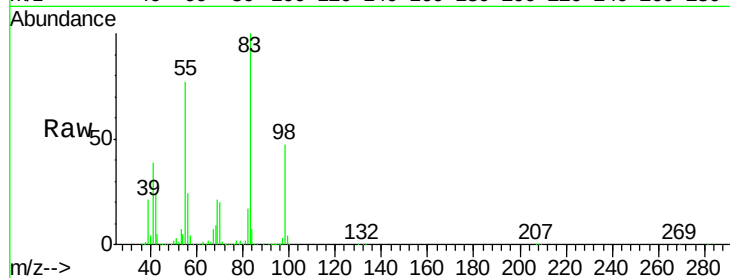
#39
Methylvlcyclohexane
Concen: 93.998 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.7	92.5
98	47.0	38.7	58.1

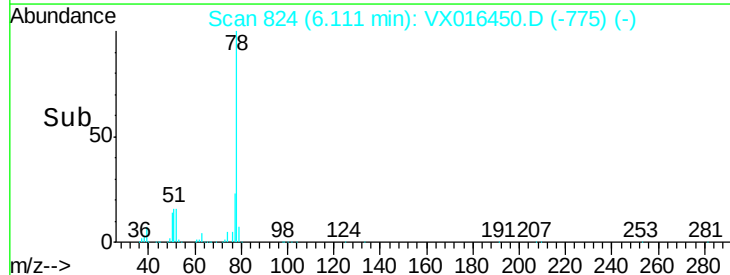
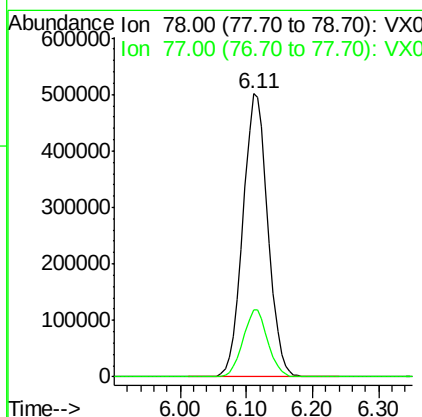
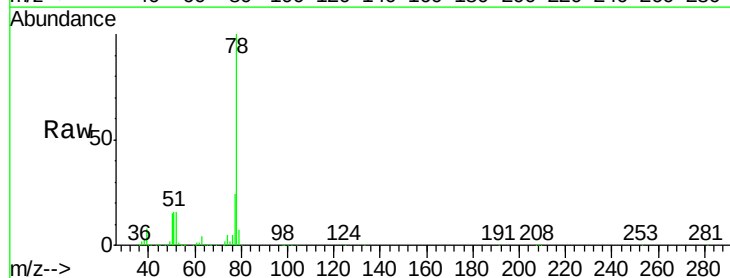
Manual Integrations
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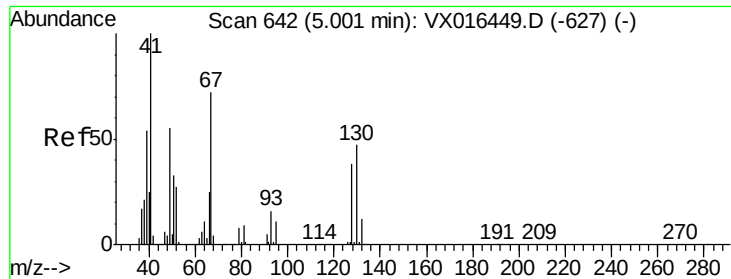
MMDadoda
5/28/2020 2:10:27 PM



#40
Benzene
Concen: 102.049 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





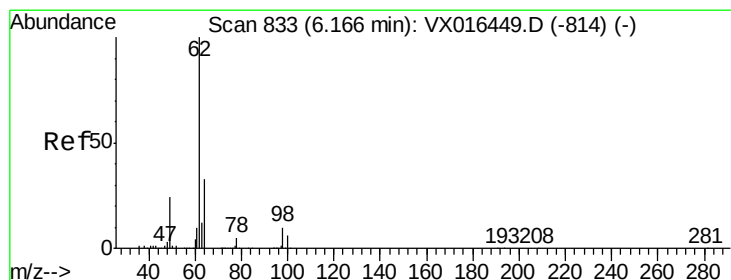
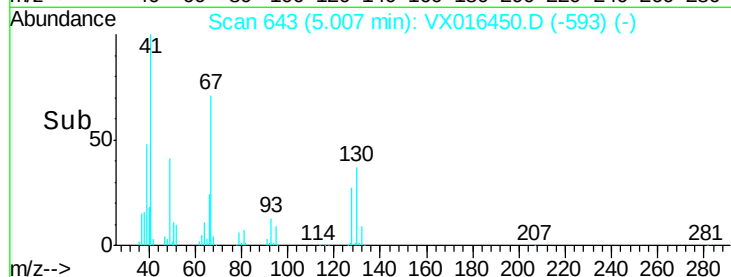
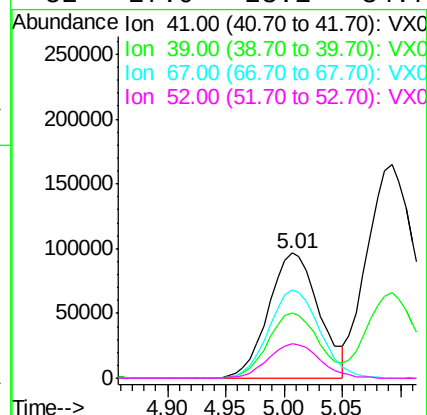
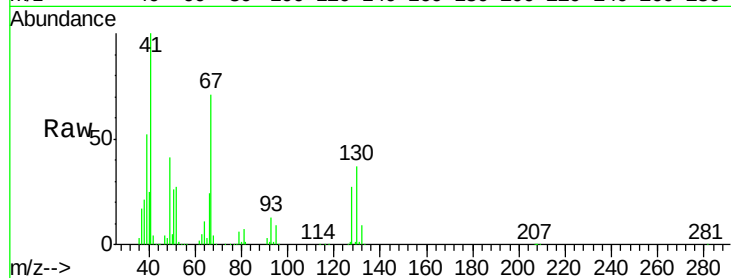
#41
Methacrylonitrile
Concen: 105.925 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		290128		
39	52.7	43.0	64.4		
67	71.4	58.9	88.3		
52	27.9	23.1	34.7		

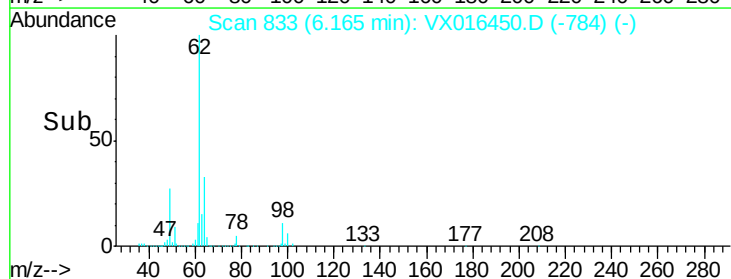
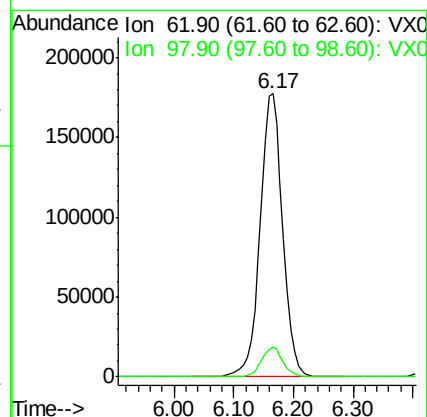
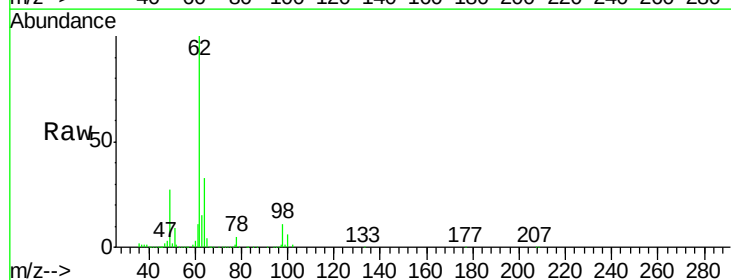
Manual Integrations
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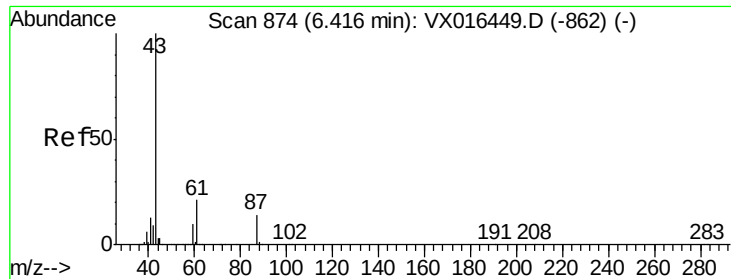
MMDadoda
5/28/2020 2:10:27 PM



#42
1,2-Dichloroethane
Concen: 100.477 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		463966		
98	10.0	0.0	19.8		





#43

Isopropyl Acetate

Concen: 102.479 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

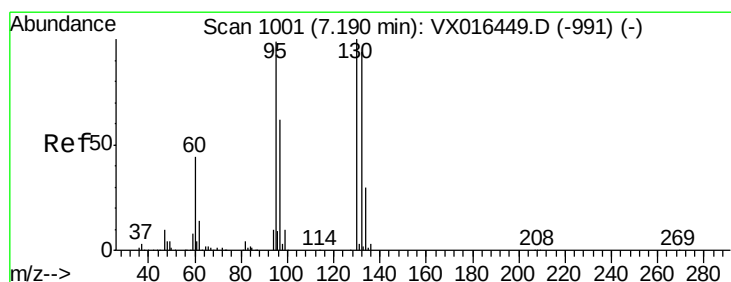
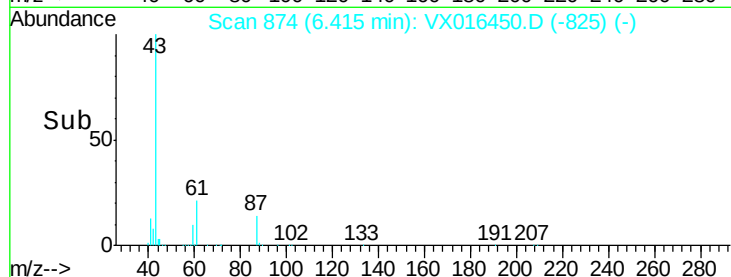
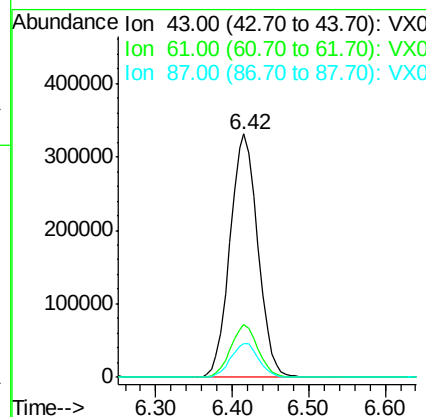
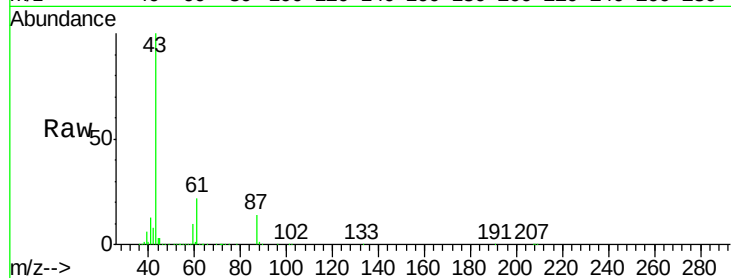
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	828931
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	14.1	11.2	16.8

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#44

Trichloroethene

Concen: 87.635 ug/l

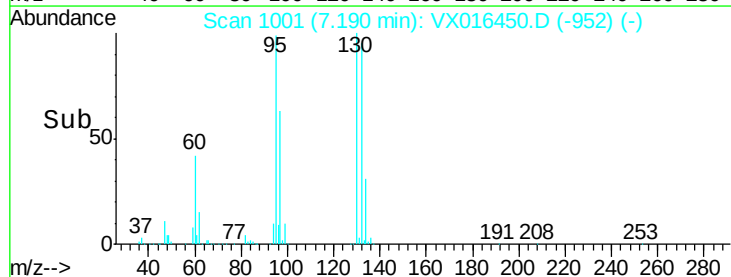
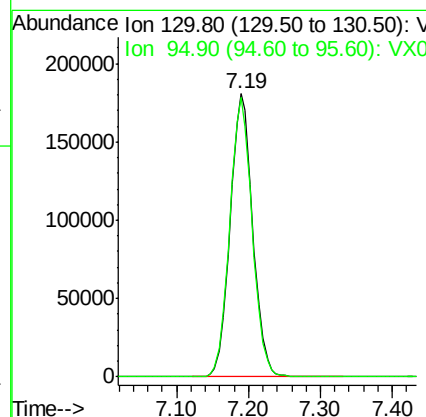
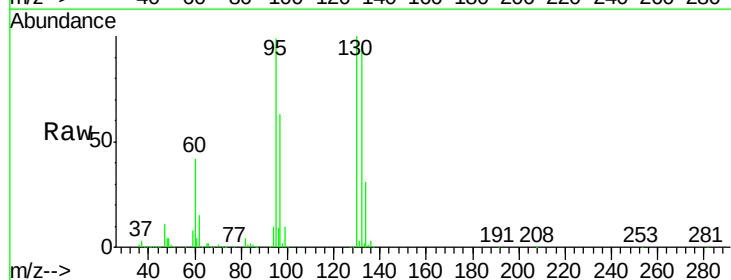
RT: 7.19 min Scan# 1001

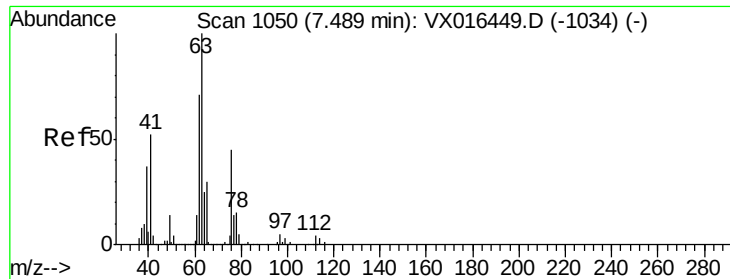
Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion:	130	Resp:	392457
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	198.2





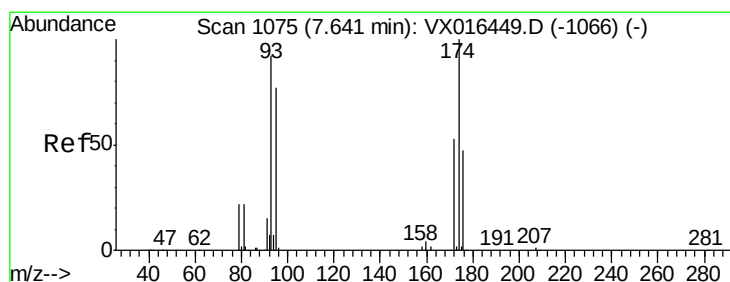
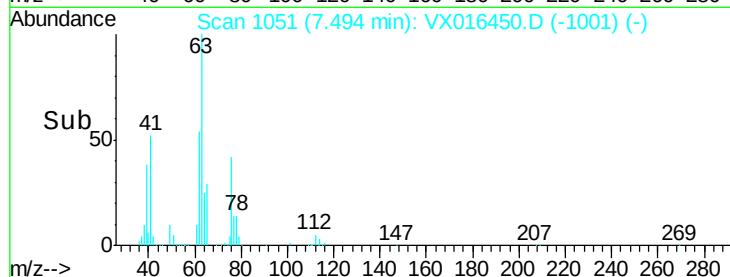
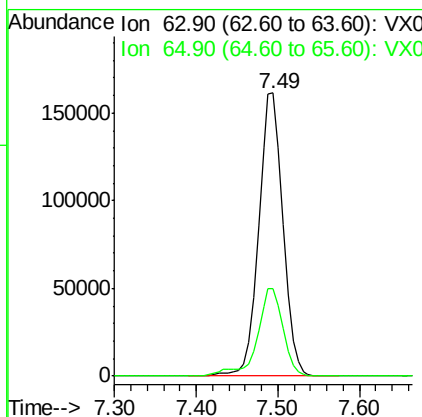
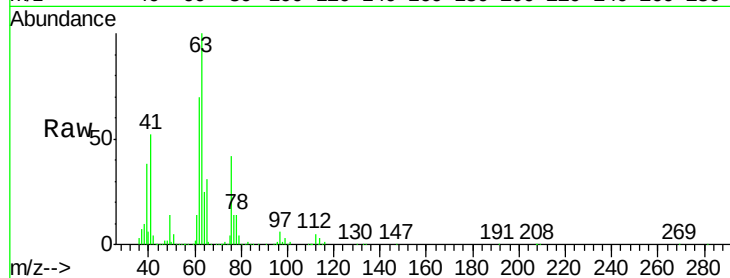
#45
 1,2-Dichloropropane
 Concen: 103.584 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.2	36.2

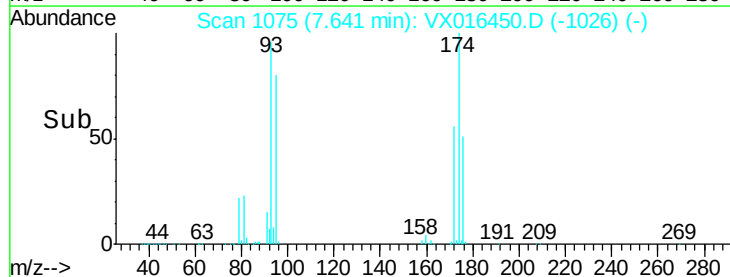
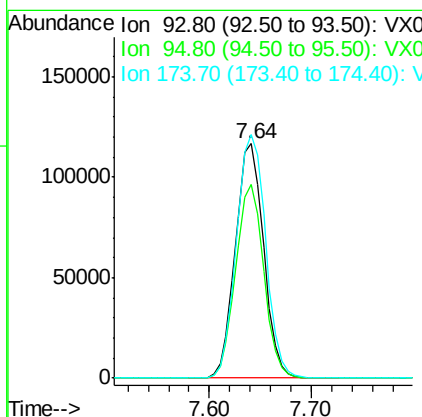
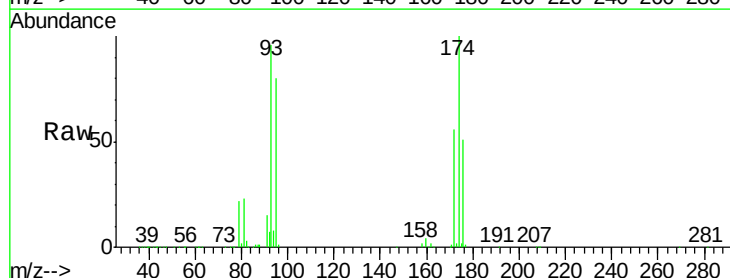
Manual Integrations
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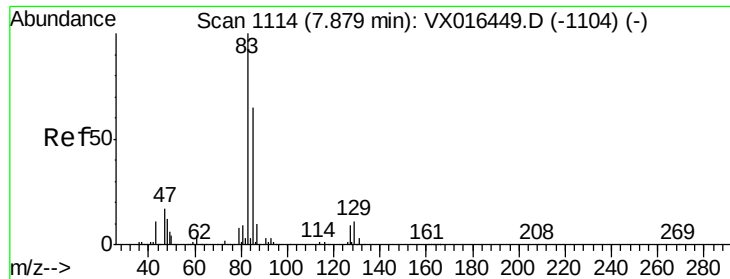
MMDadoda
 5/28/2020 2:10:27 PM



#46
 Dibromomethane
 Concen: 101.632 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.6	100.0
174	107.4	86.2	129.4





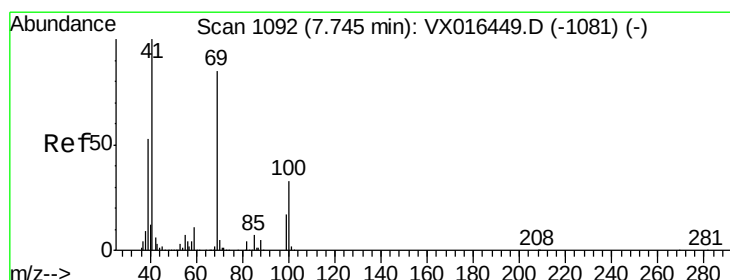
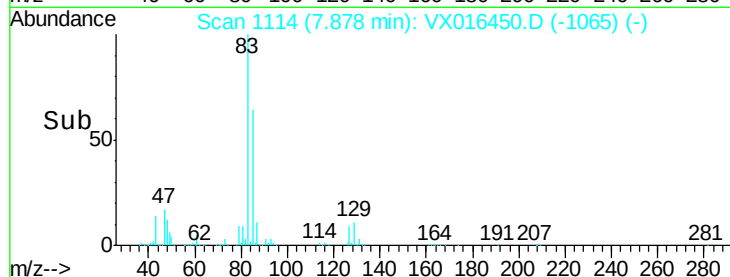
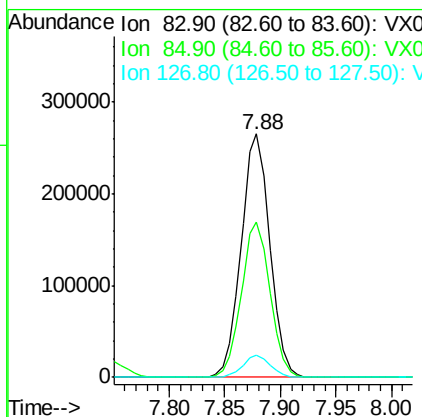
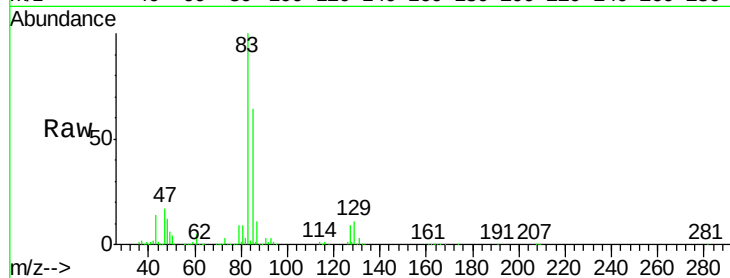
#47
Bromodichloromethane
Concen: 105.485 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	473648		
85	63.6	52.0	78.0	
127	8.9	7.4	11.0	

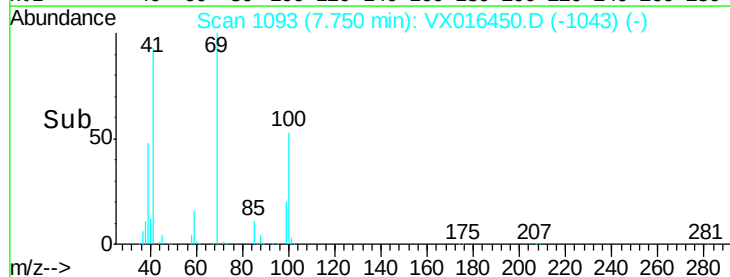
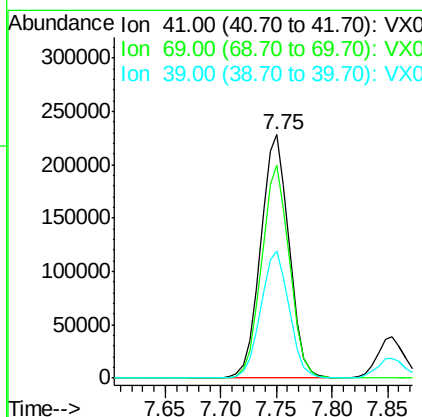
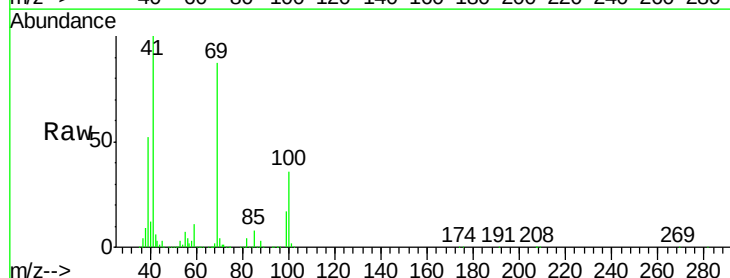
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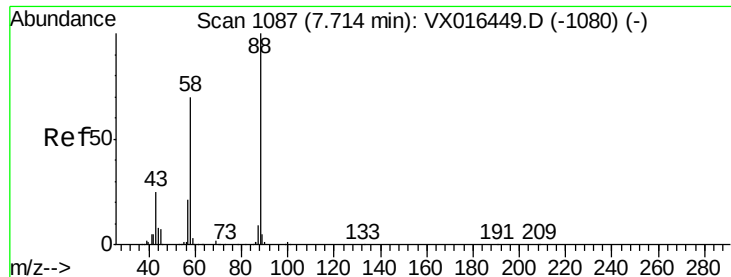
MMDadoda
5/28/2020 2:10:27 PM



#48
Methyl methacrylate
Concen: 105.554 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	405775		
69	86.1	68.6	102.8	
39	52.1	42.4	63.6	





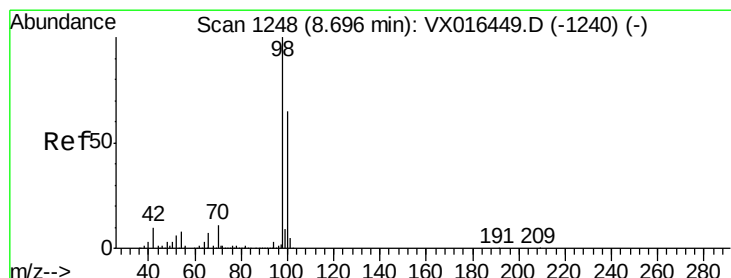
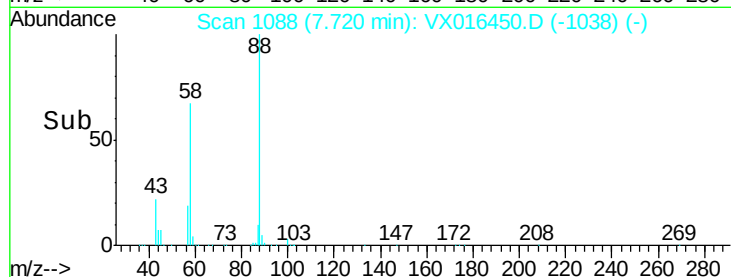
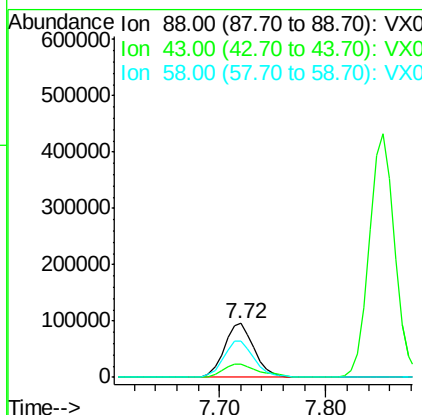
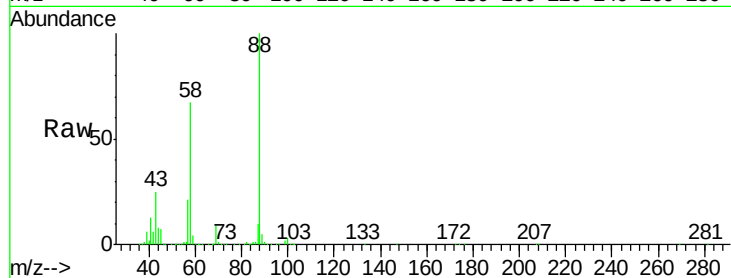
#49
1,4-Dioxane
Concen: 2010.203 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.2	36.4
58	70.5	56.5	84.7

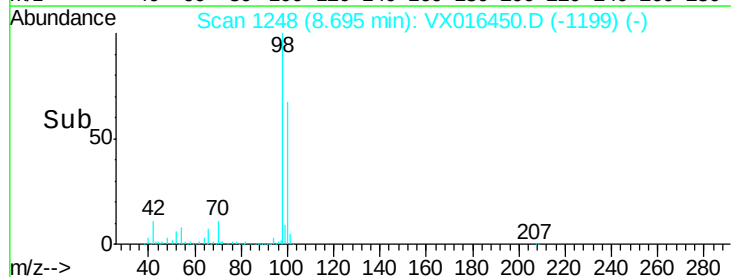
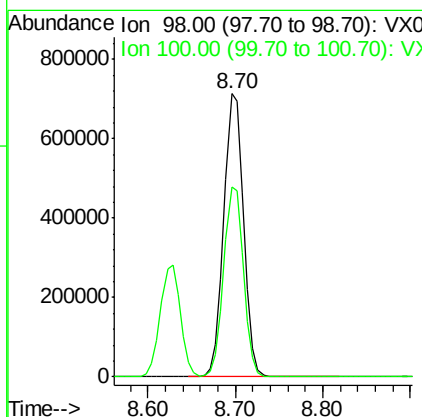
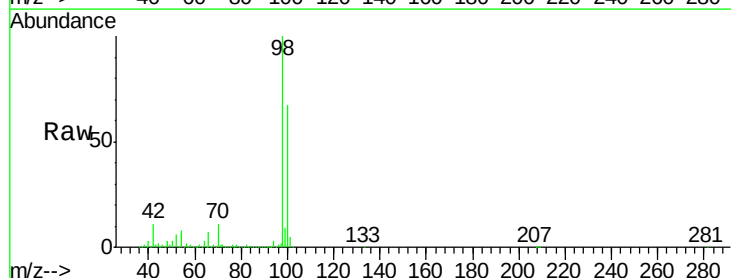
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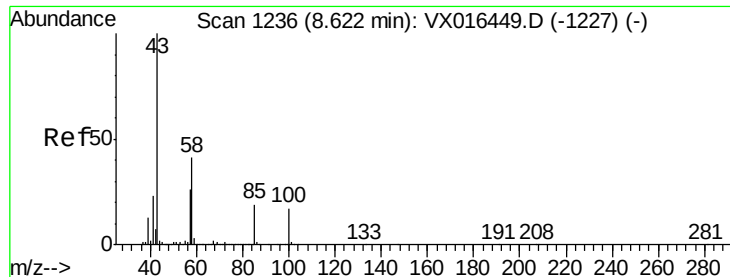
MMDadoda
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#50
Toluene-d8
Concen: 102.101 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.8	80.6





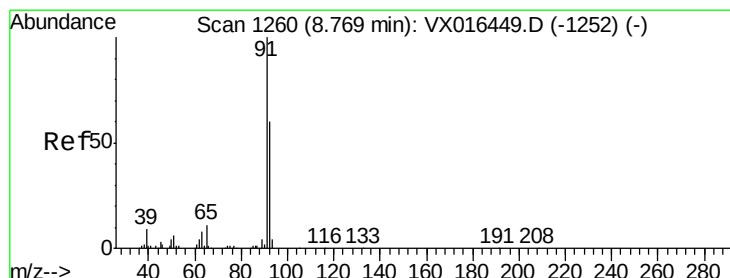
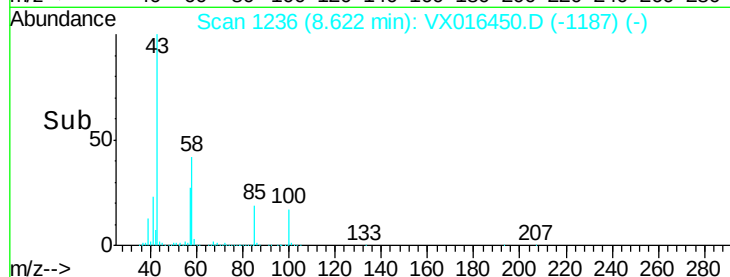
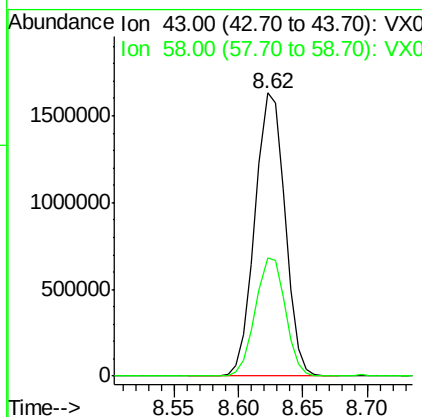
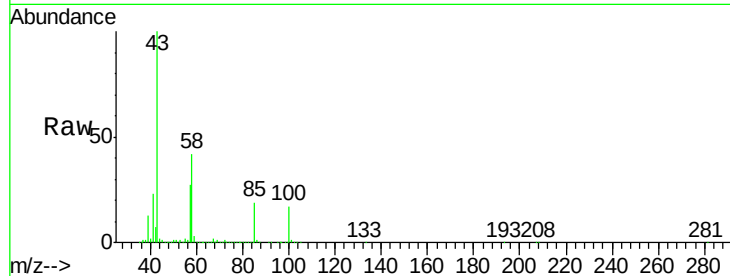
#51
 4-Methyl-2-Pentanone
 Concen: 529.286 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 2627967
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.0 49.6

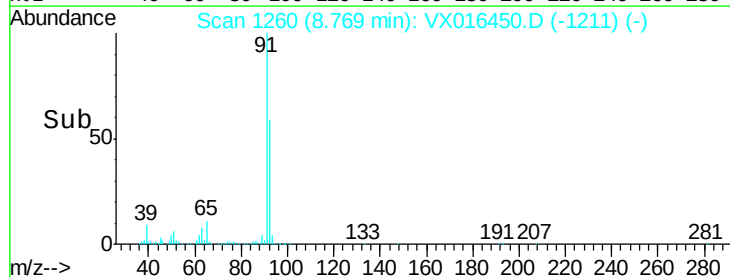
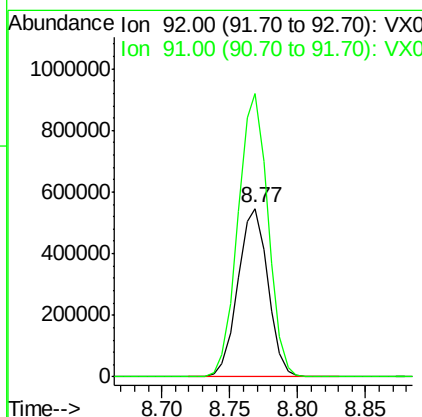
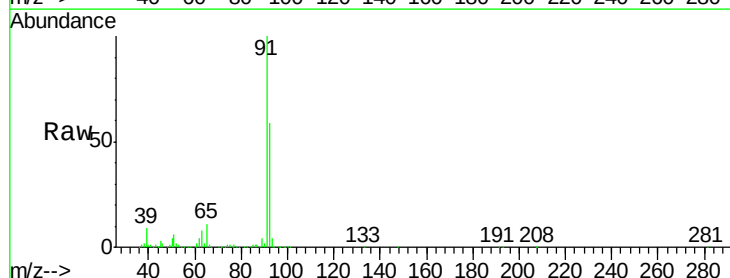
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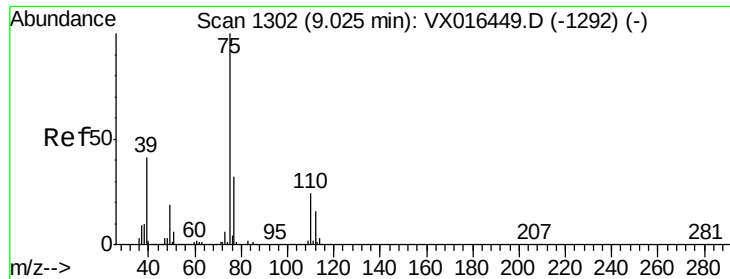
MMDadoda
 5/28/2020 2:10:27 PM



#52
 Toluene
 Concen: 104.971 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion: 92 Resp: 839844
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 103.681 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 553095

Ion Ratio Lower Upper

75 100

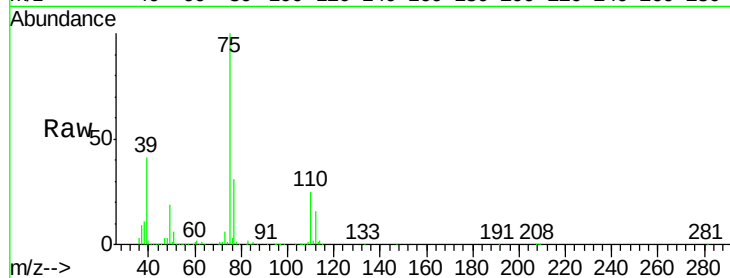
77 31.3 25.5 38.3

Manual Integrations

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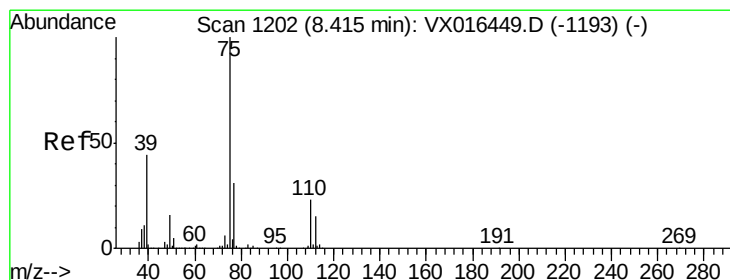
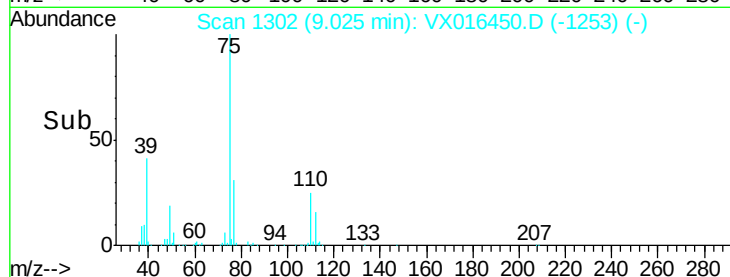
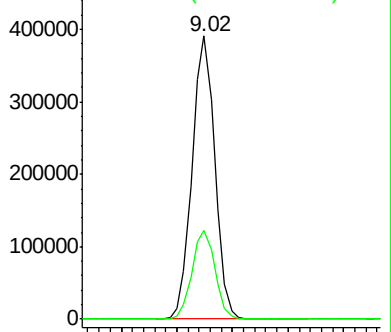
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 103.188 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

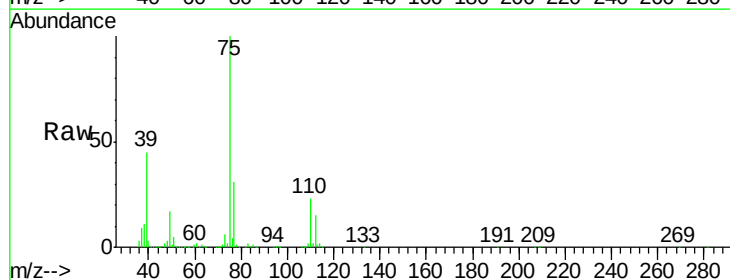
Tgt Ion: 75 Resp: 575351

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

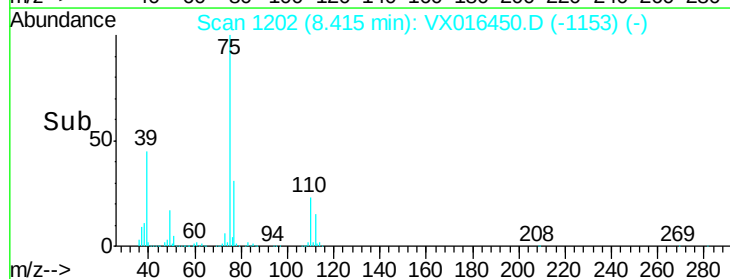
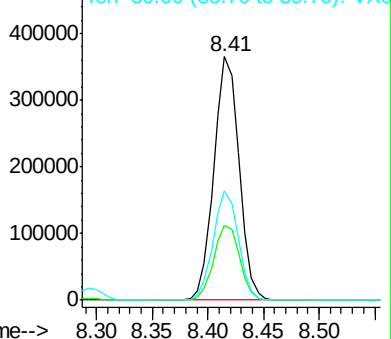
39 44.6 35.3 52.9

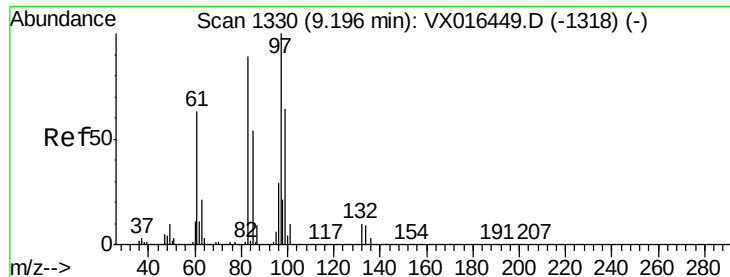


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 106.334 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

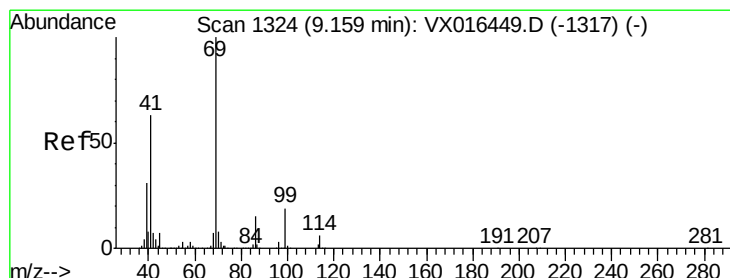
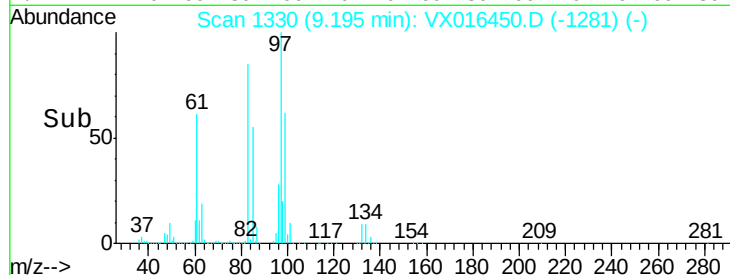
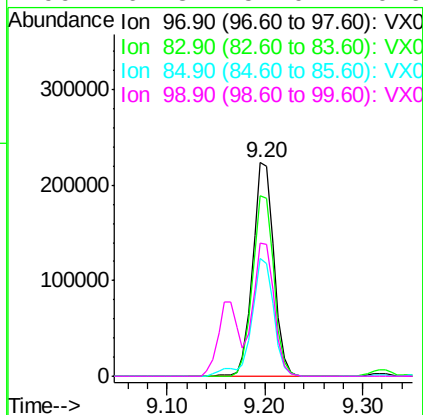
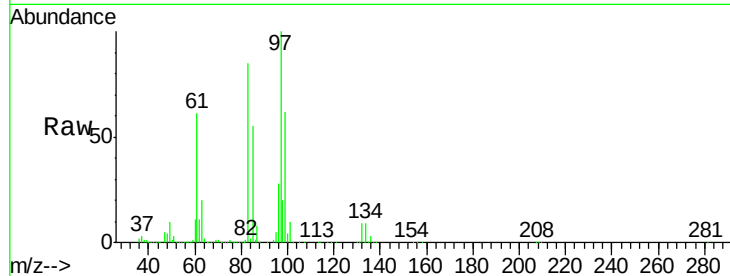
ClientSampleId :

VSTDIC100

Tot Ion:	97	Resp:	334390
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.9	106.3
85	55.0	43.4	65.2
99	62.3	51.0	76.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 111.344 ug/l

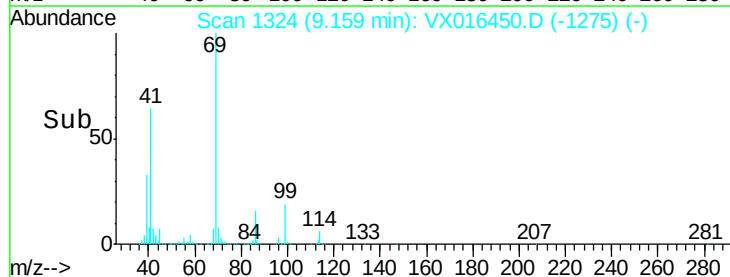
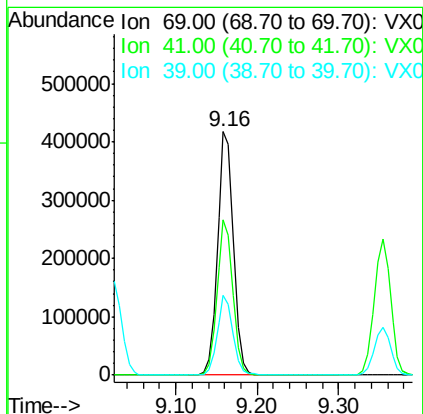
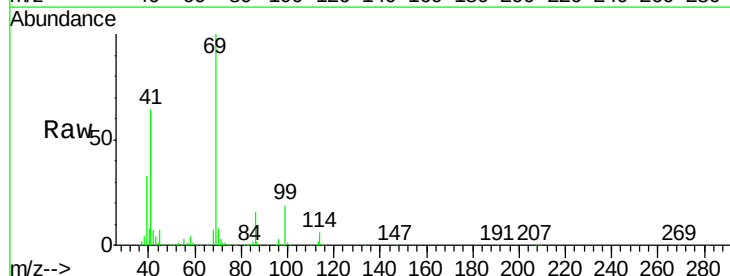
RT: 9.16 min Scan# 1324

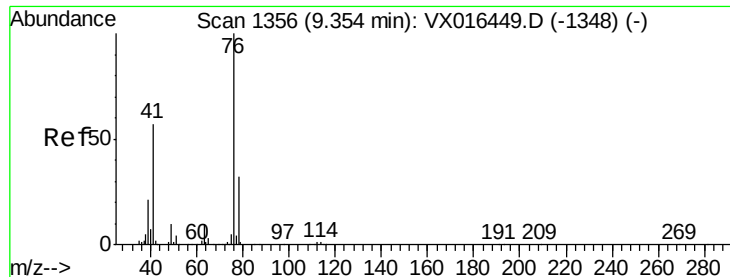
Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion:	69	Resp:	573083
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	32.2	25.8	38.6





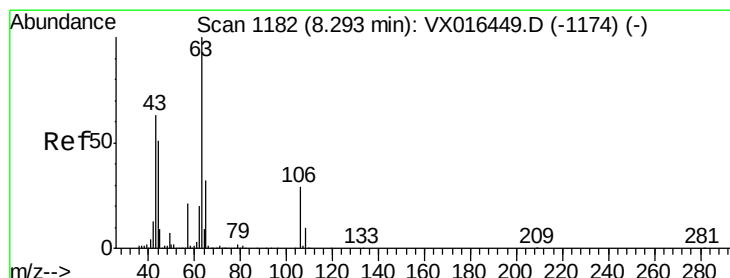
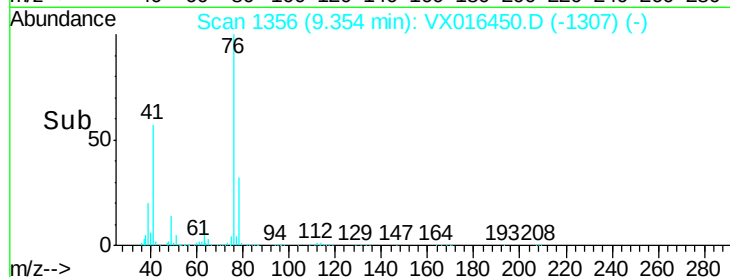
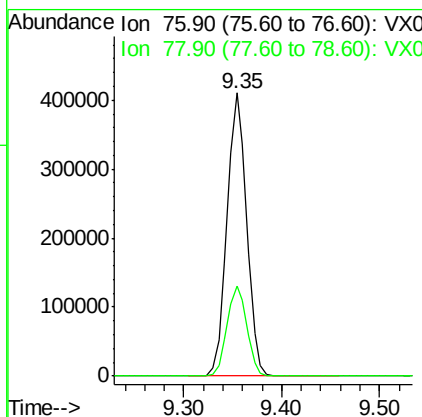
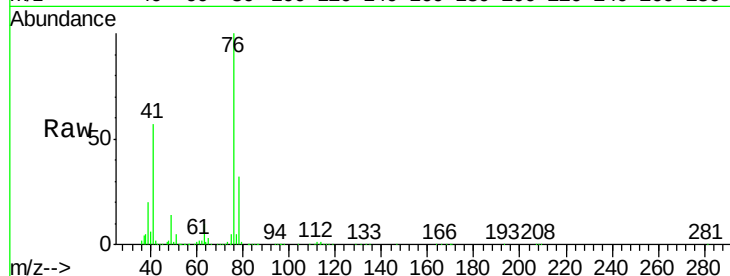
#57
 1,3-Dichloropropane
 Concen: 104.170 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

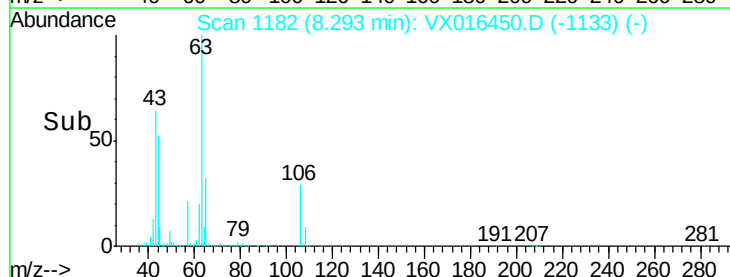
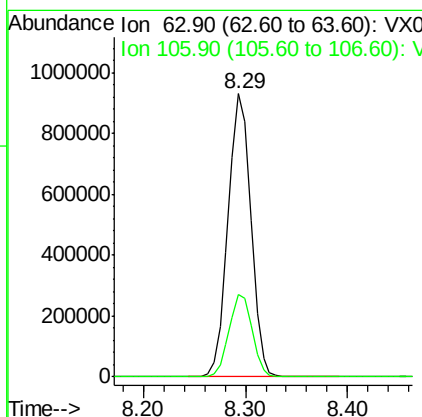
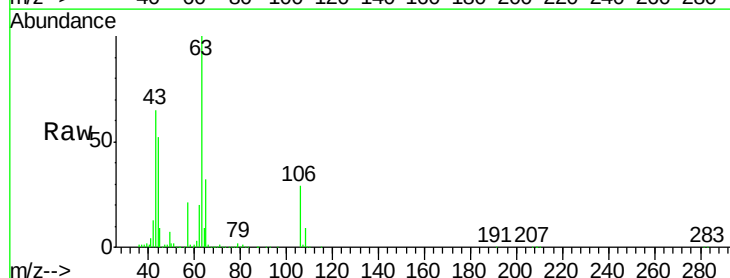
Manual Integrations
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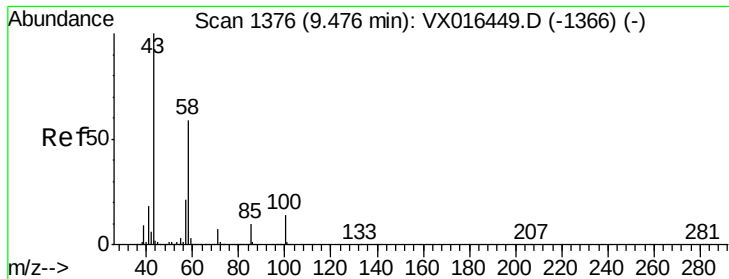
MMDadoda
 5/28/2020 2:10:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 529.528 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.2	34.8





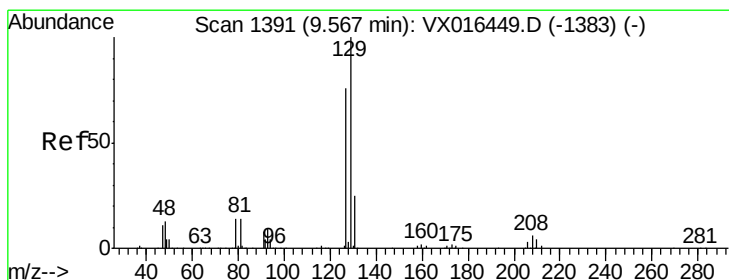
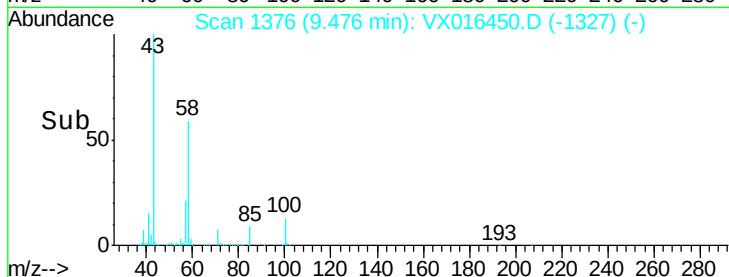
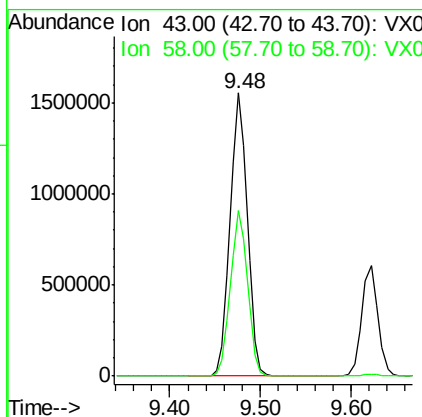
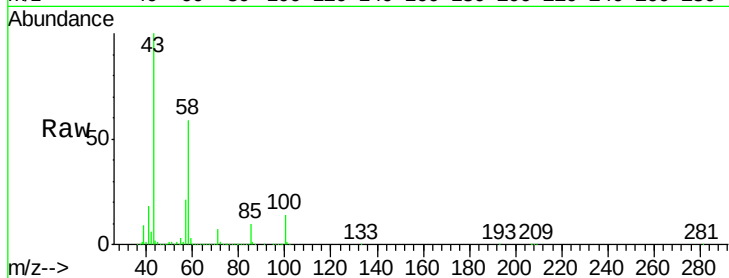
#59
2-Hexanone
Concen: 528.130 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2062399
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4

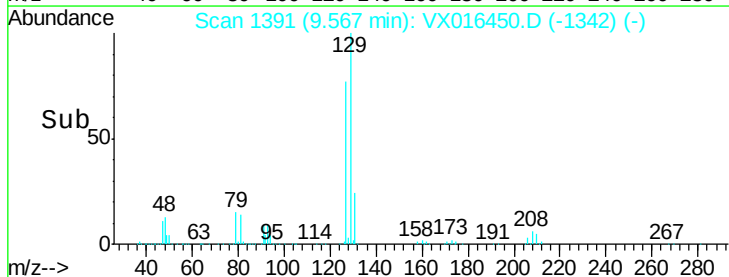
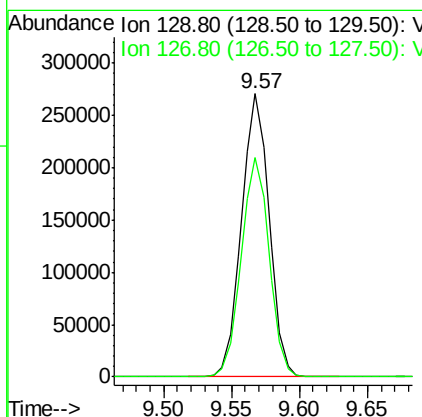
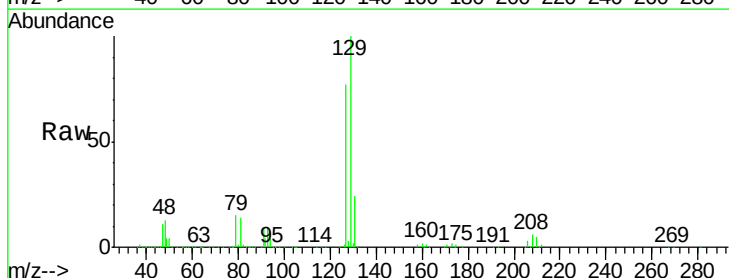
Manual Integrations
APPROVED

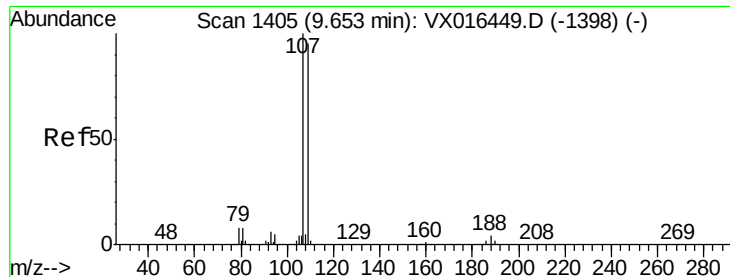
MMDadoda
5/28/2020 2:10:27 PM



#60
Dibromochloromethane
Concen: 110.978 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 129 Resp: 385907
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 105.402 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 357983

Ion Ratio Lower Upper

107 100

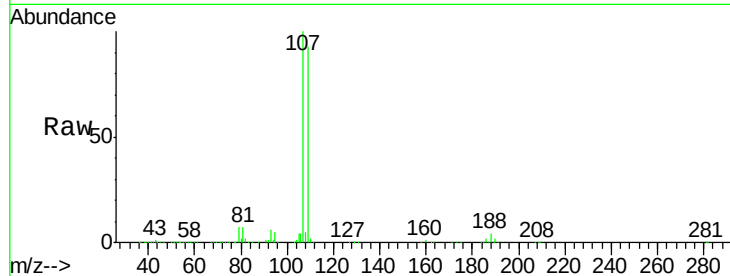
109 93.9 75.5 113.3

Manual Integrations

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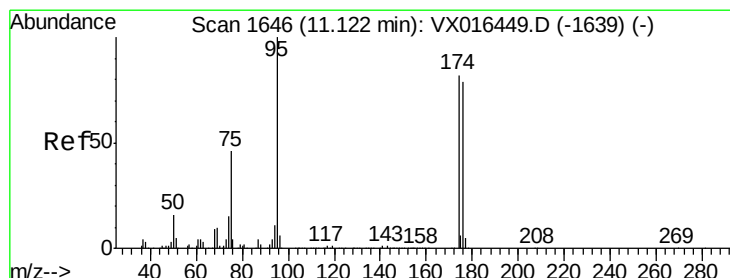
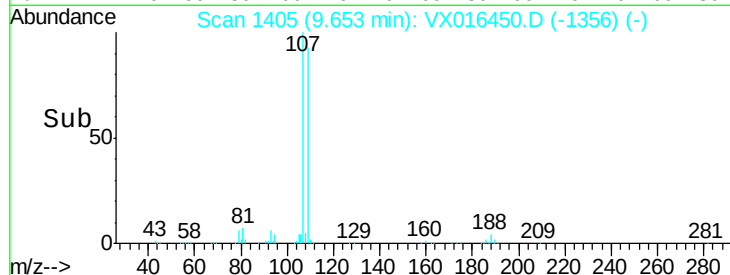
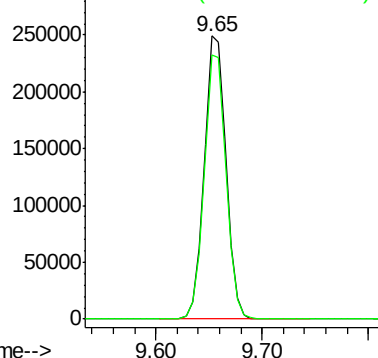
MMDadoda

5/28/2020 2:10:27 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 104.300 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

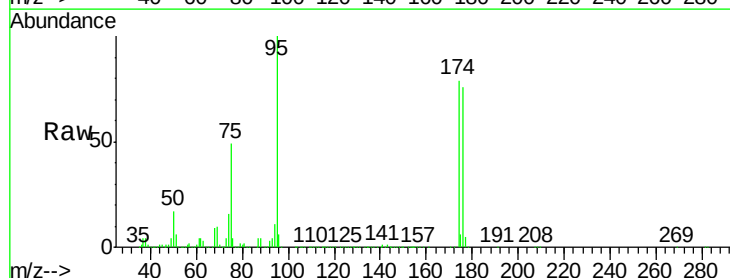
Tgt Ion: 95 Resp: 431825

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

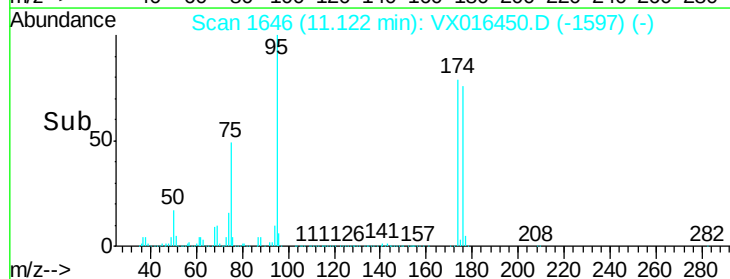
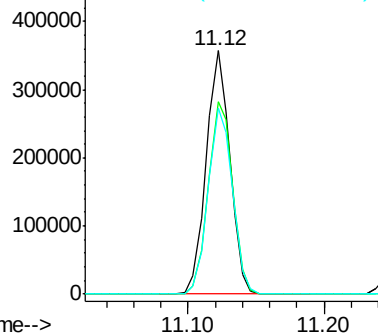
176 78.5 0.0 156.8

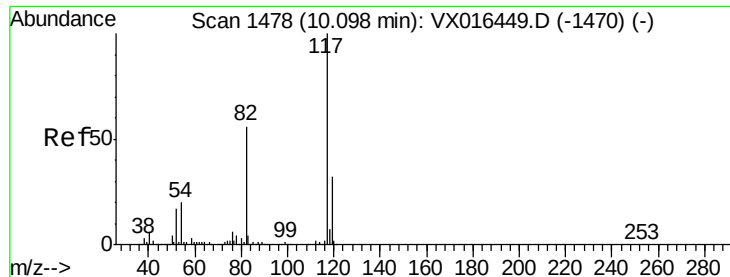


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





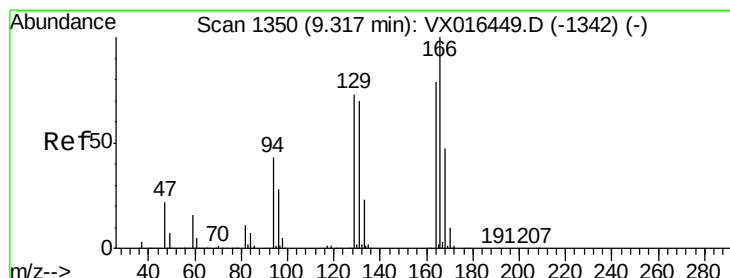
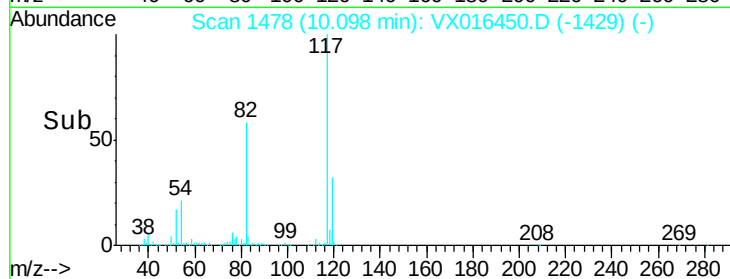
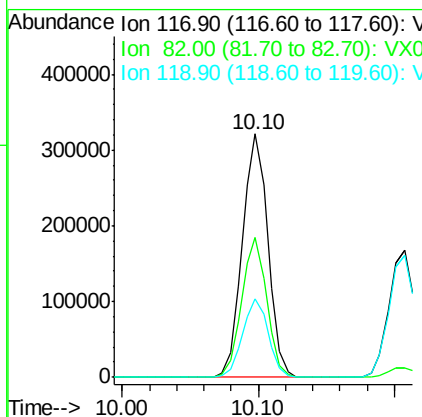
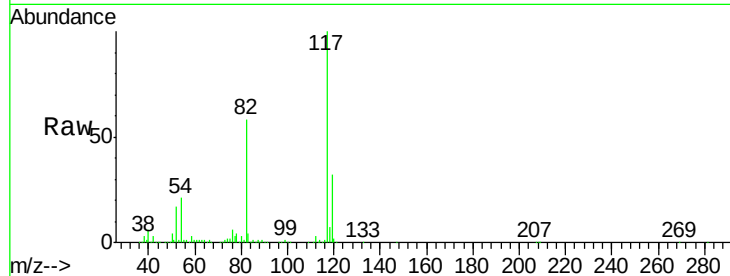
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.0	67.6
119	32.4	25.8	38.8

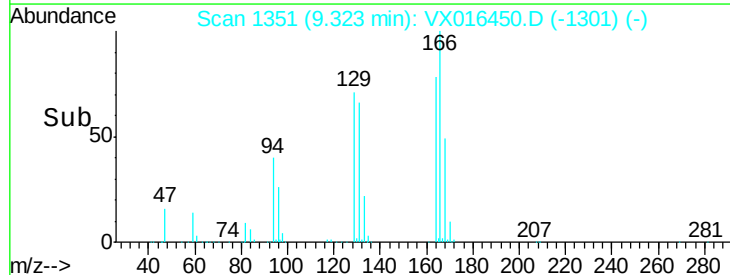
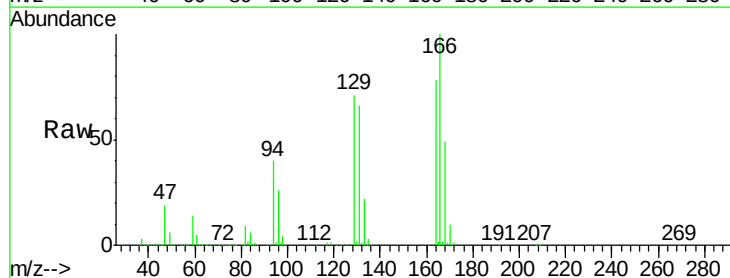
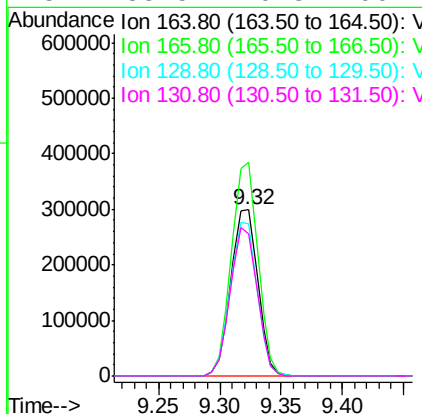
Manual Integrations
APPROVED

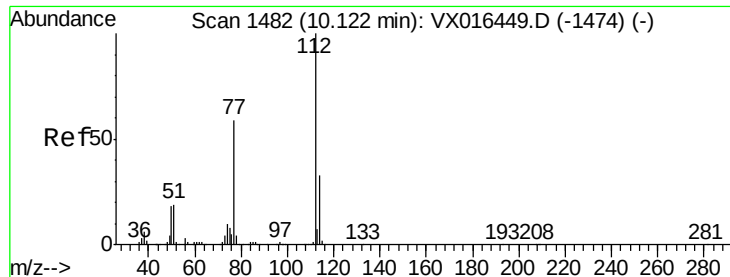
MMDadoda
5/28/2020 2:10:27 PM



#64
Tetrachloroethene
Concen: 89.214 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.9	151.3
129	91.5	73.2	109.8
131	85.5	70.8	106.2





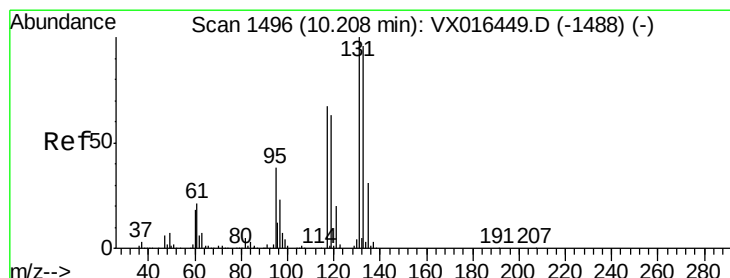
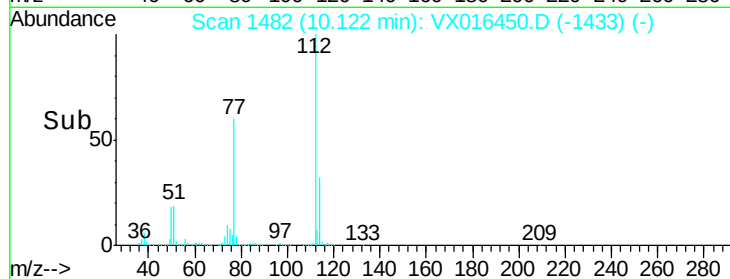
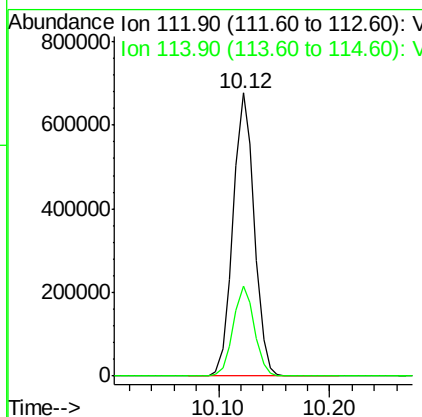
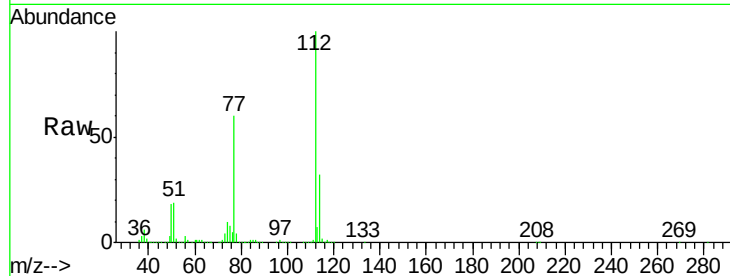
#65
Chlorobenzene
Concen: 100.600 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
112	100	889062		
114	31.8	26.0	39.0	

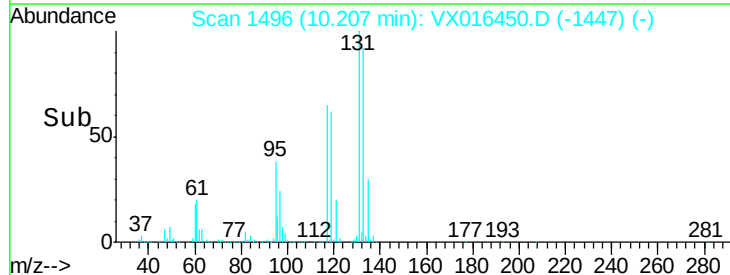
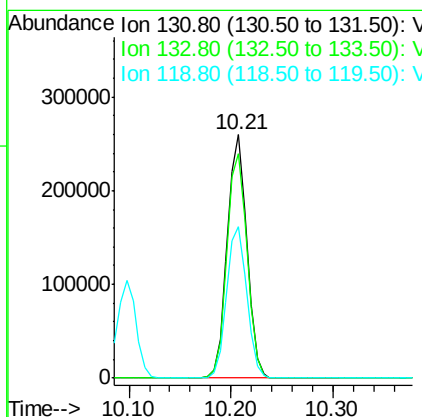
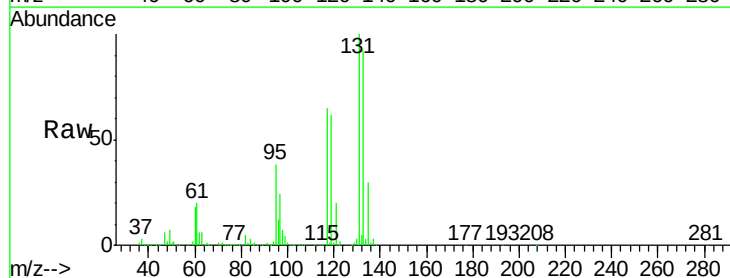
Manual Integrations
APPROVED

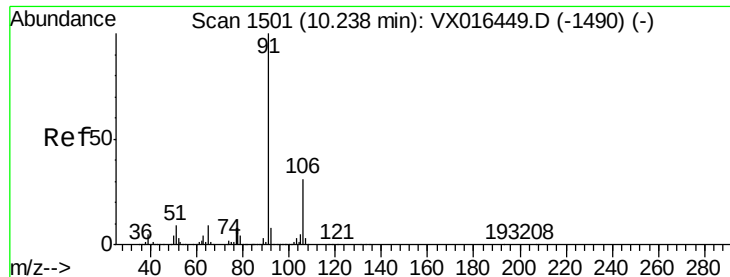
MMDadoda
5/28/2020 2:10:27 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 105.257 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	344423		
133	94.9	48.4	145.3	
119	63.8	32.0	96.2	





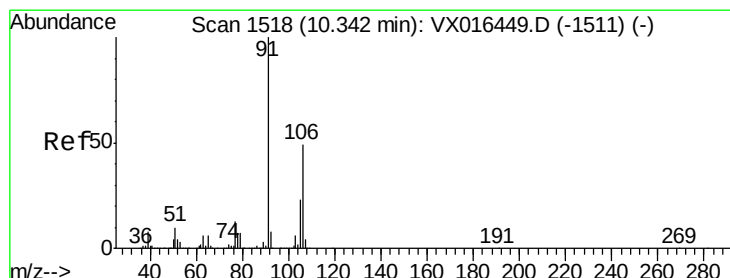
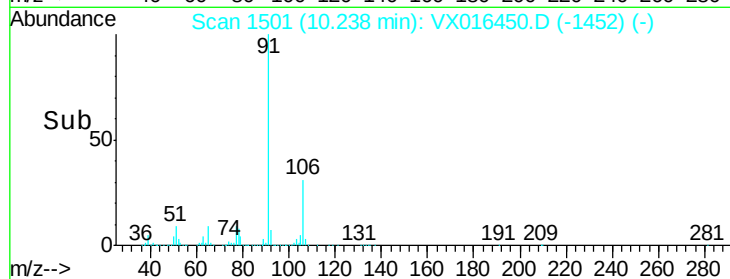
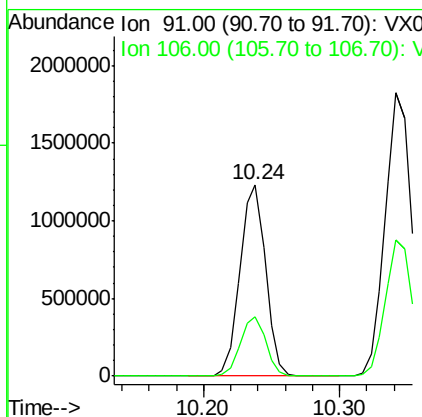
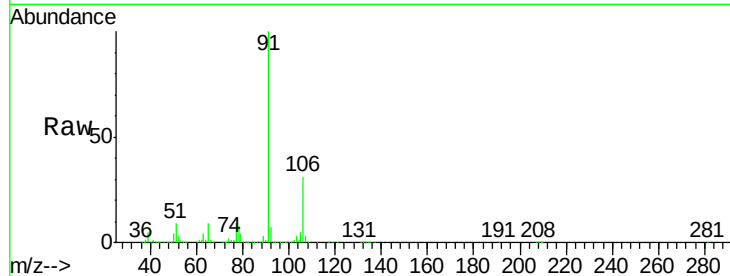
#67
Ethyl Benzene
Concen: 102.240 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1611297
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4

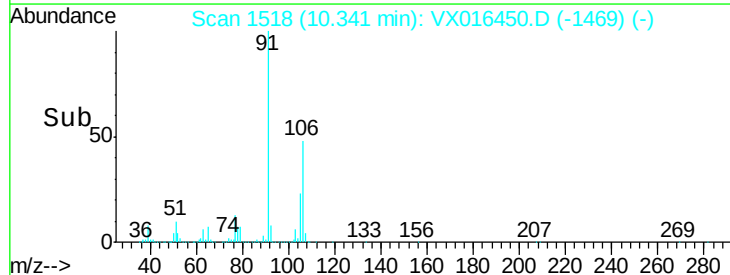
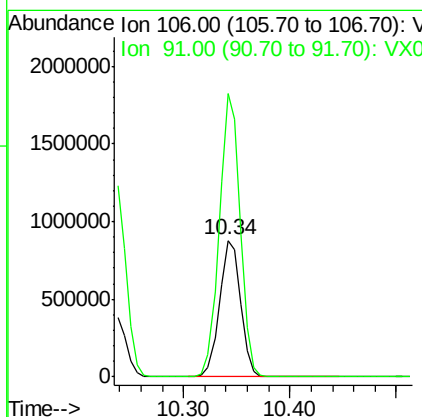
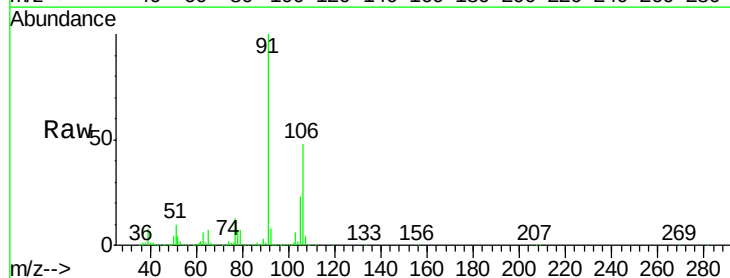
Manual Integrations
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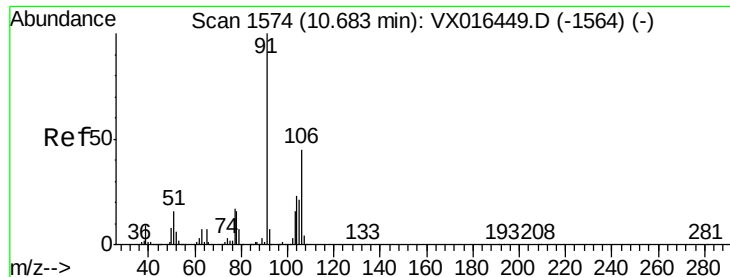
MMDadoda
5/28/2020 2:10:27 PM



#68
m/p-Xylenes
Concen: 204.831 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 106 Resp: 1206705
Ion Ratio Lower Upper
106 100
91 205.4 163.8 245.8





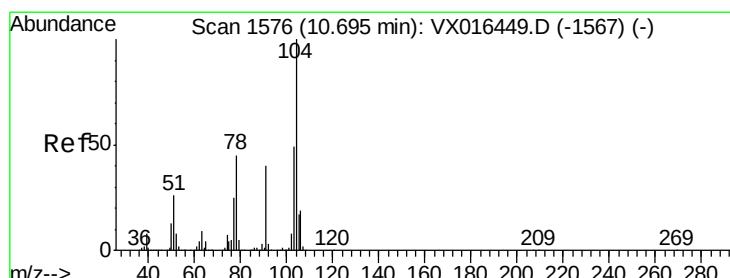
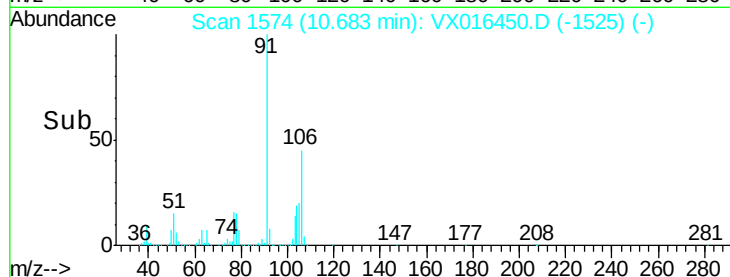
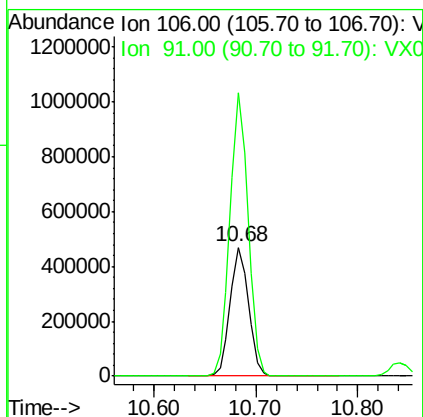
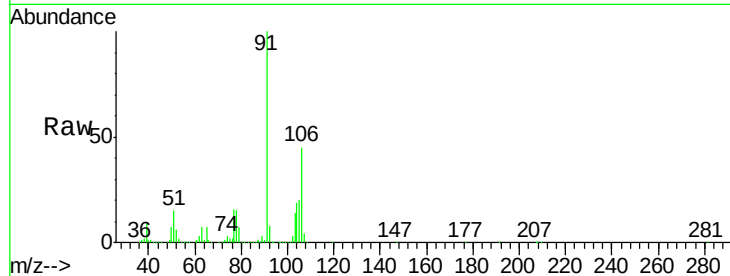
#69
o-Xylene
Concen: 103.234 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	217.2	109.6	328.8	

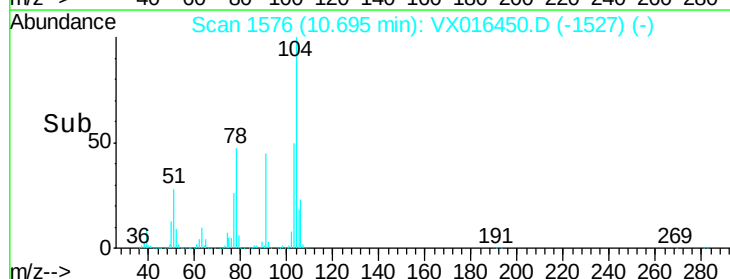
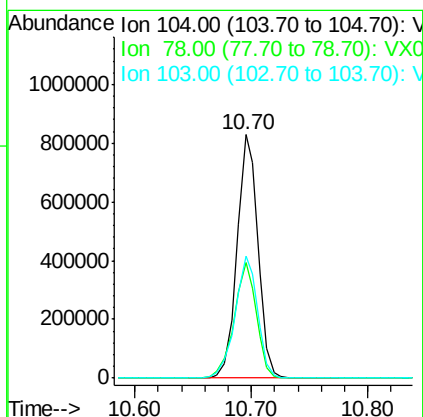
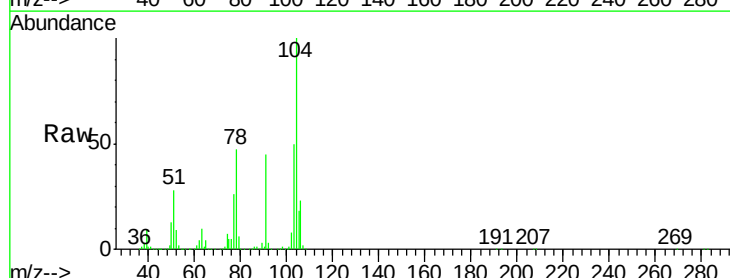
Manual Integrations
APPROVED

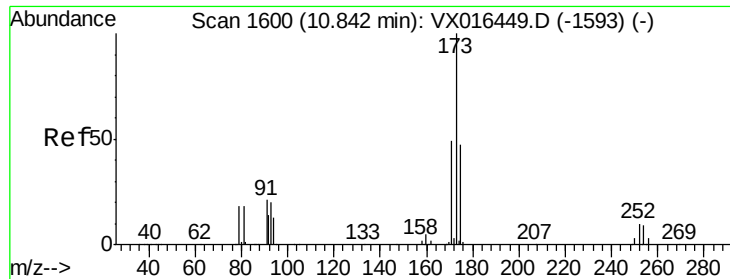
MMDadoda
5/28/2020 2:10:27 PM



#70
Styrene
Concen: 107.428 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.6	40.2	60.2	
103	53.8	43.1	64.7	





#71

Bromoform

Concen: 113.829 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

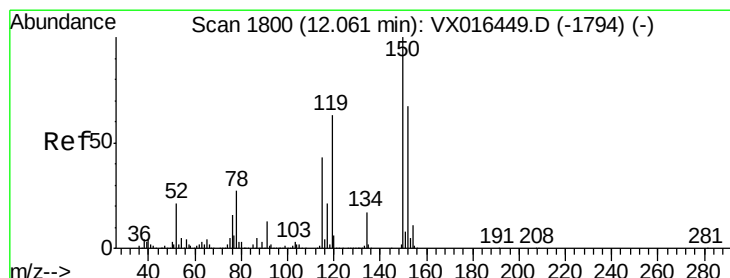
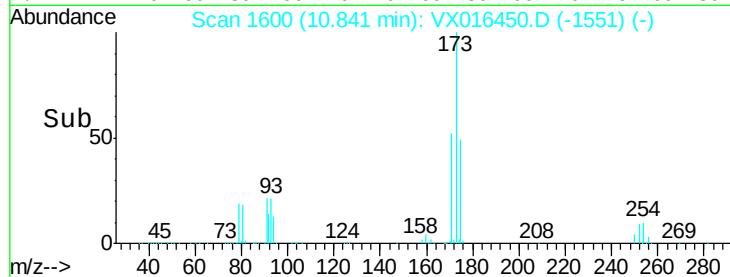
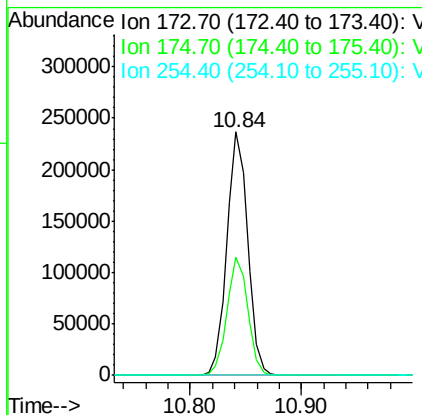
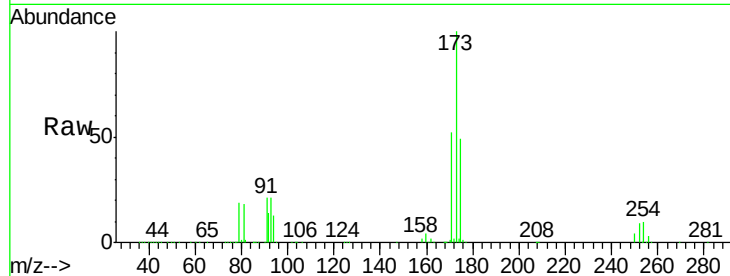
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
173	100	305813		
175	48.5	23.9	71.7	
254	0.1	0.1	0.1#	

Manual Integrations
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MMDadoda
5/28/2020 2:10:27 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

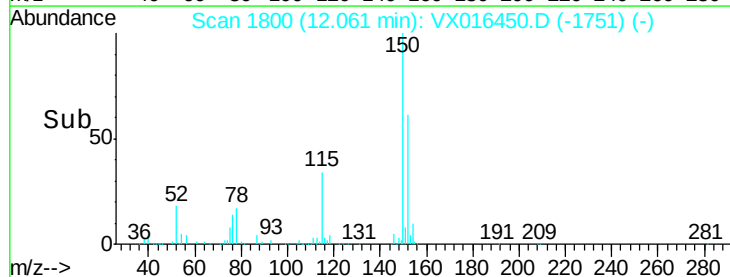
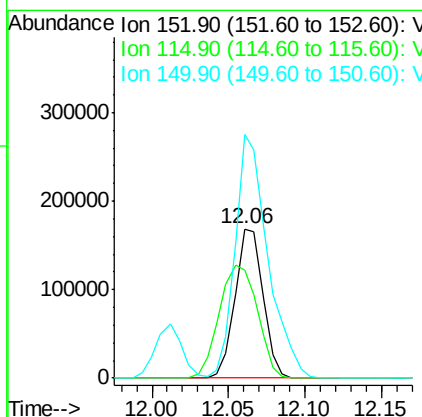
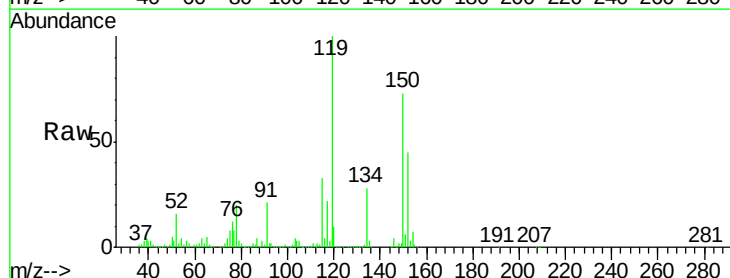
RT: 12.06 min Scan# 1800

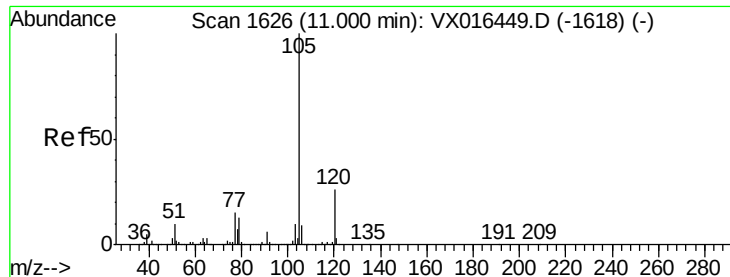
Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	213389		
115	103.5	39.9	119.6	
150	191.7	0.0	341.0	





#73

Isopropylbenzene

Concen: 101.365 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1568411

Ion Ratio Lower Upper

105 100

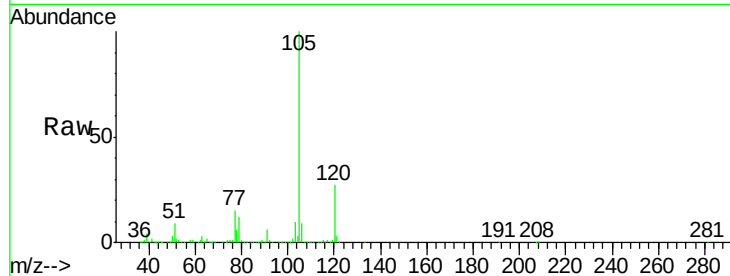
120 26.4 13.1 39.3

Manual Integrations

APPROVED

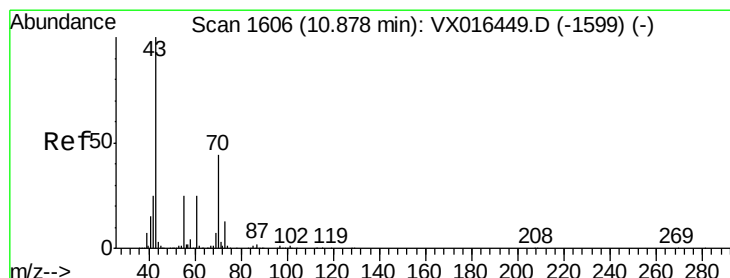
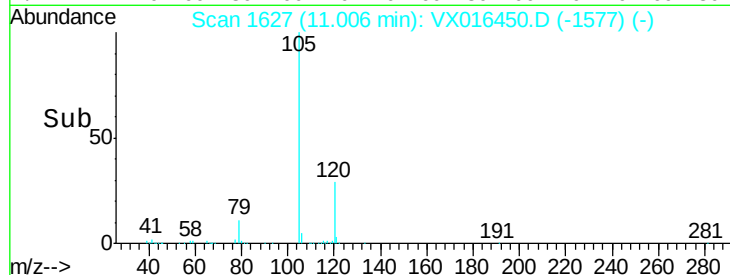
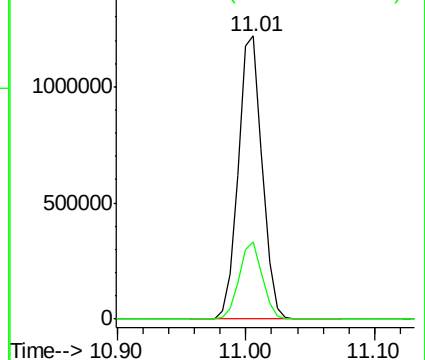
MMDadoda

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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: 102.377 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion: 43 Resp: 738901

Ion Ratio Lower Upper

43 100

70 45.4 36.1 54.1

55 25.0 20.2 30.4

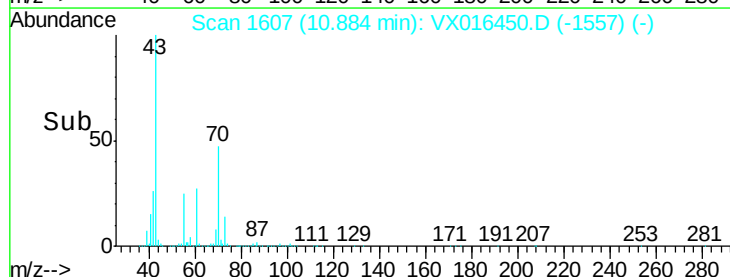
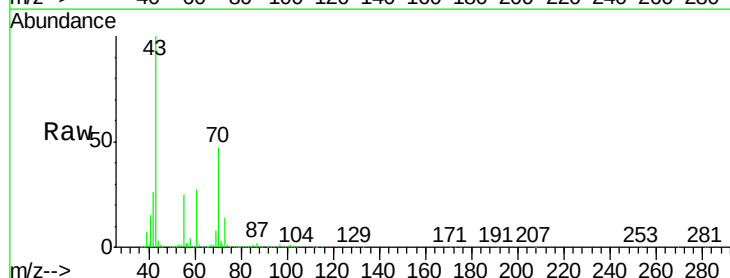
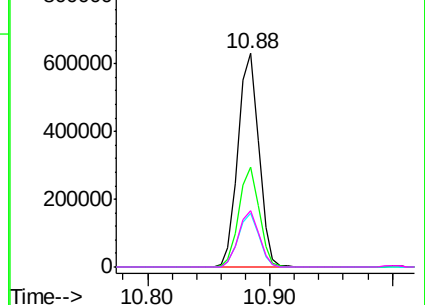
61 25.9 20.3 30.5

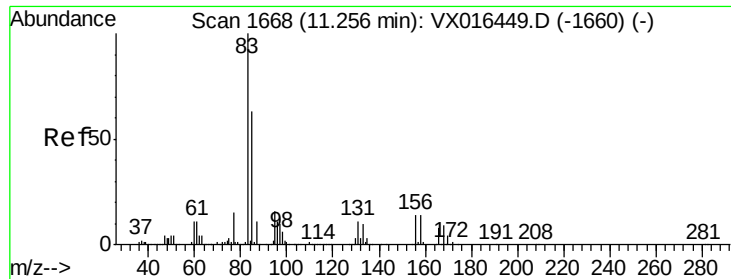
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 147.299 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 424972

Ion Ratio Lower Upper

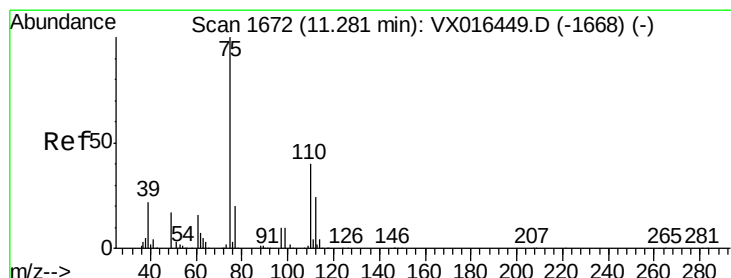
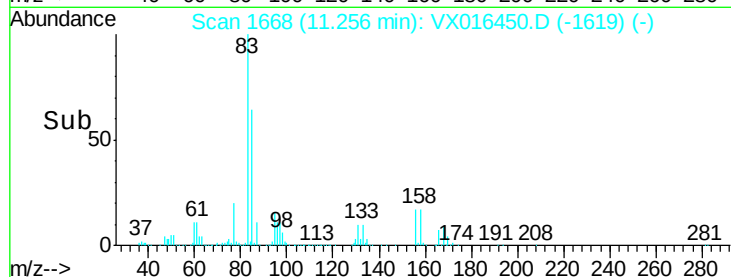
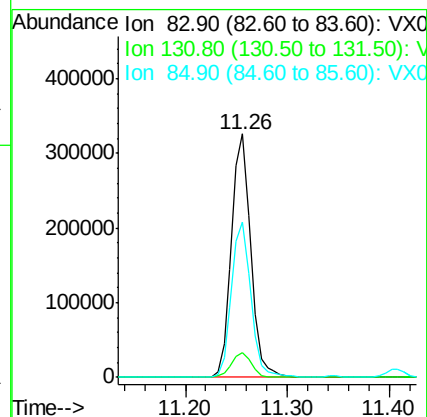
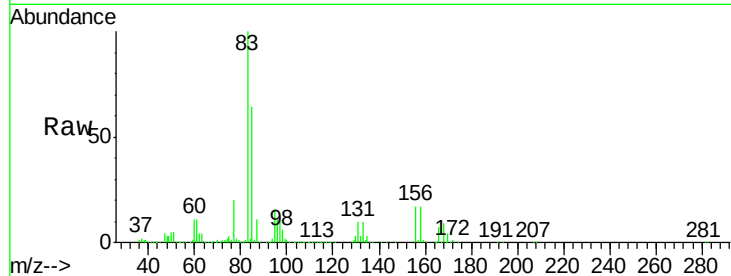
83 100

131 10.3 5.1 15.3

85 64.4 32.0 96.2

Manual Integrations
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5/28/2020 2:10:27 PM



#76

1,2,3-Trichloropropane

Concen: 98.589 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016450.D

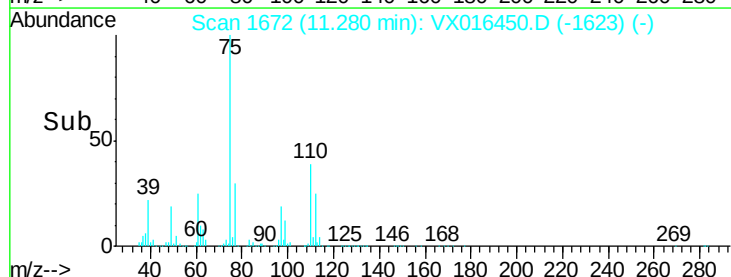
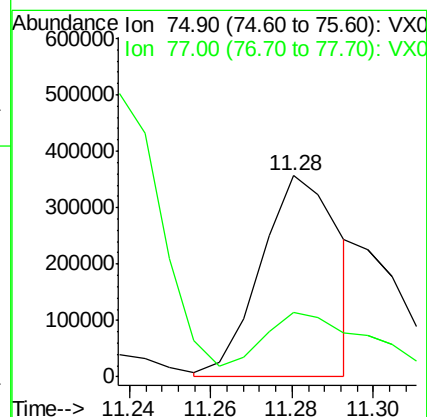
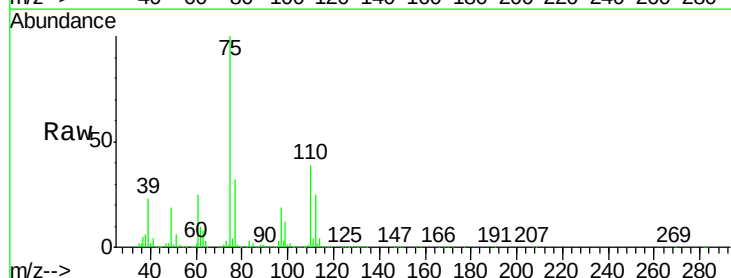
Acq: 27 May 2020 15:50

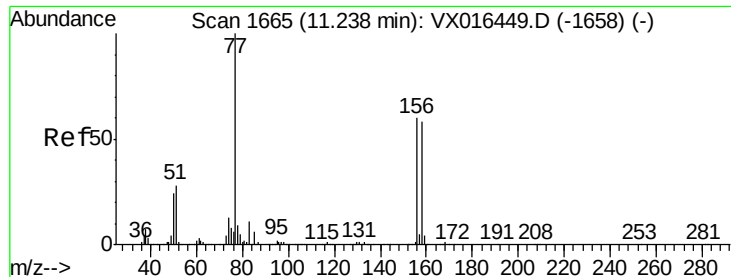
Tgt Ion: 75 Resp: 476745

Ion Ratio Lower Upper

75 100

77 44.4 21.3 63.7





#77

Bromobenzene

Concen: 99.652 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

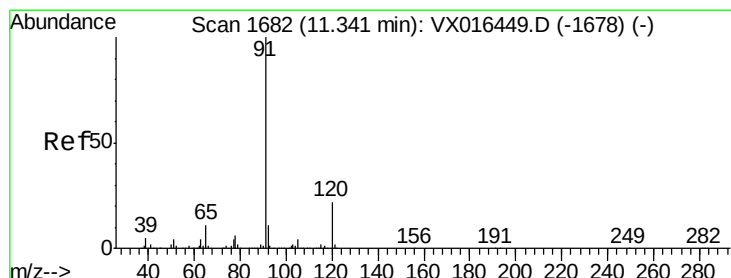
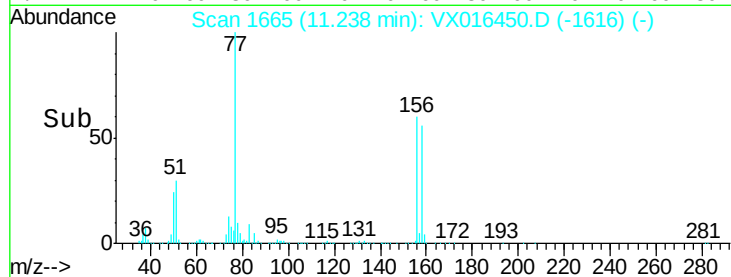
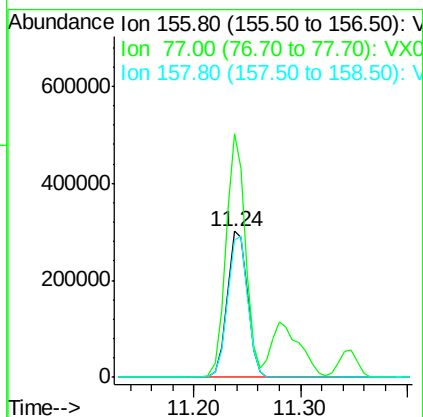
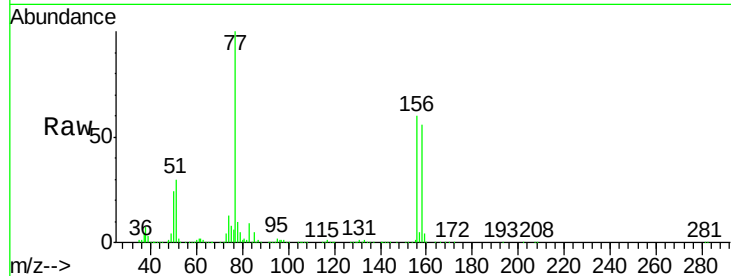
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	399562
Ion Ratio	Lower	Upper	
156	100		
77	160.3	79.6	238.8
158	96.4	48.1	144.4

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#78

n-propylbenzene

Concen: 99.270 ug/l

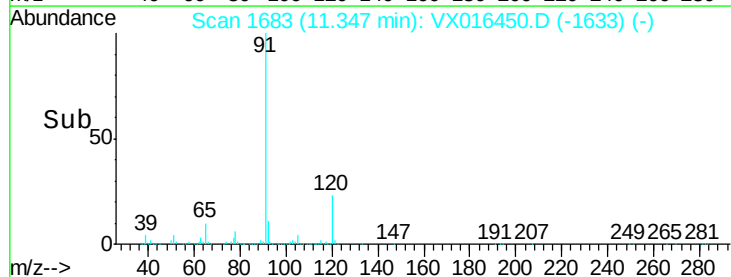
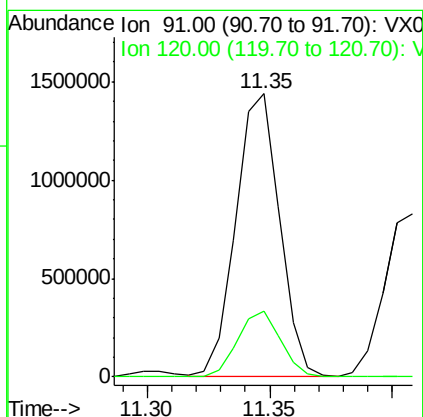
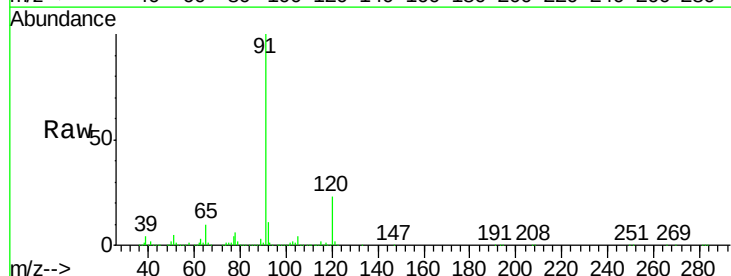
RT: 11.35 min Scan# 1683

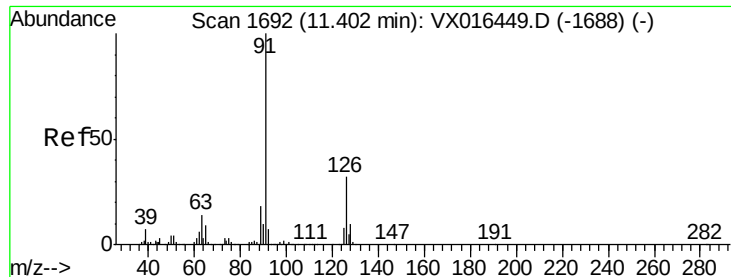
Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion:	91	Resp:	1782544
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.6	34.7





#79

2-Chlorotoluene

Concen: 100.086 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1066345

Ion Ratio Lower Upper

91 100

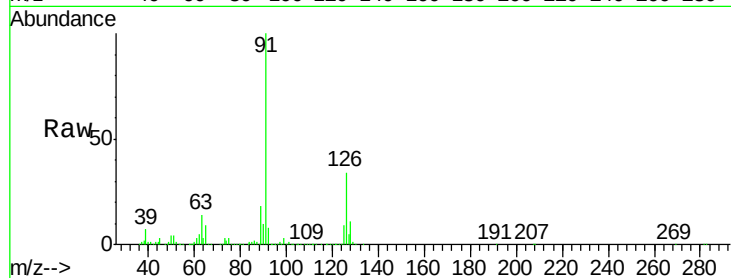
126 33.5 16.8 50.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

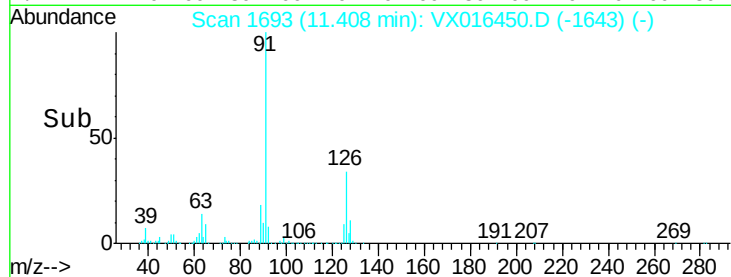
1500000

1000000

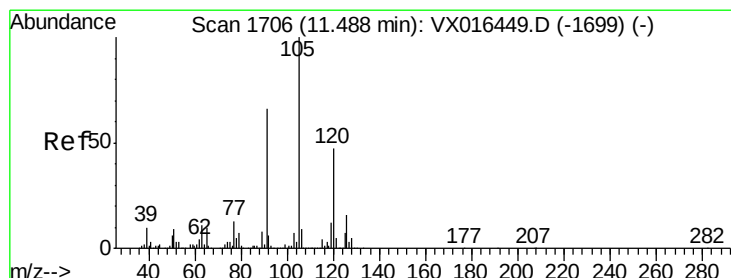
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 101.886 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016450.D

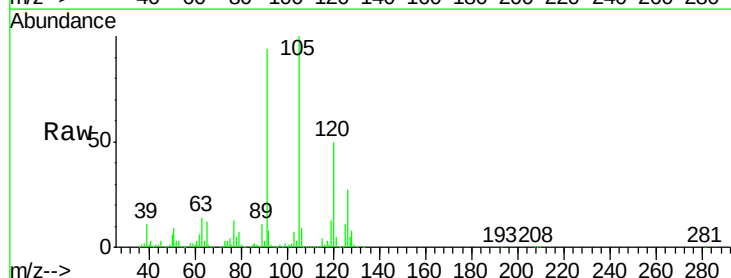
Acq: 27 May 2020 15:50

Tgt Ion: 105 Resp: 1332824

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

1200000

1000000

800000

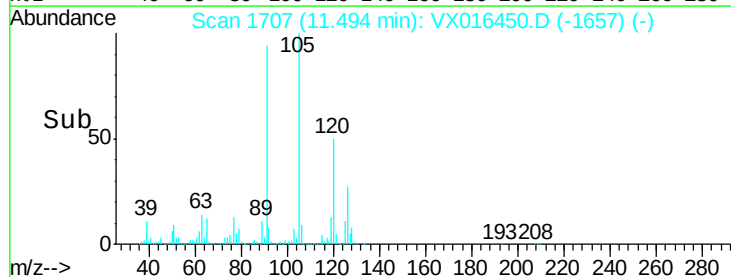
600000

400000

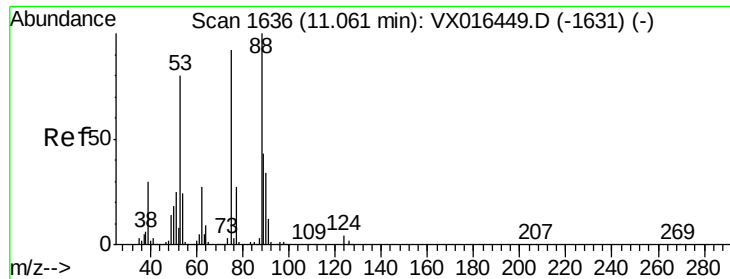
200000

0

11.45 11.50 11.55



Time-->



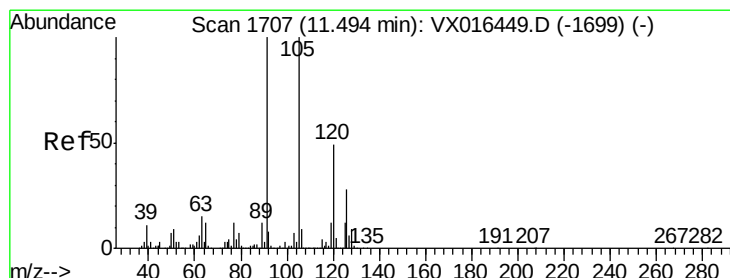
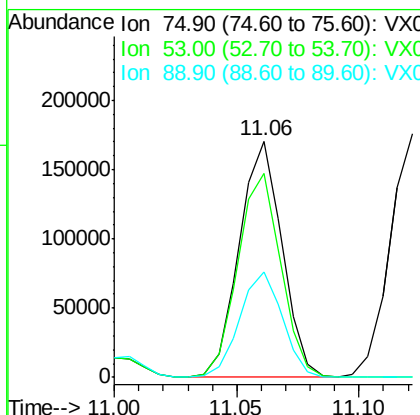
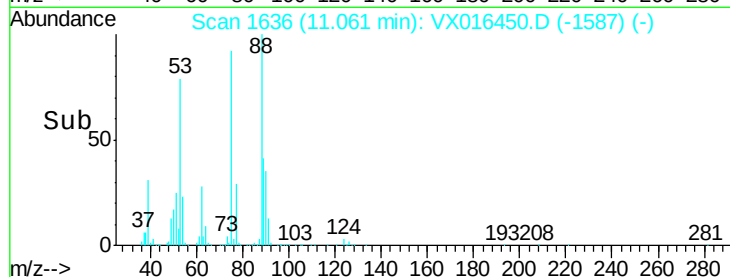
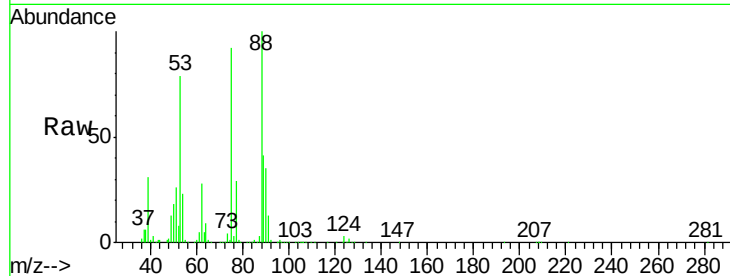
#81
trans-1,4-Dichloro-2-butene
Concen: 103.330 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	71.3	106.9
89	44.8	36.6	55.0

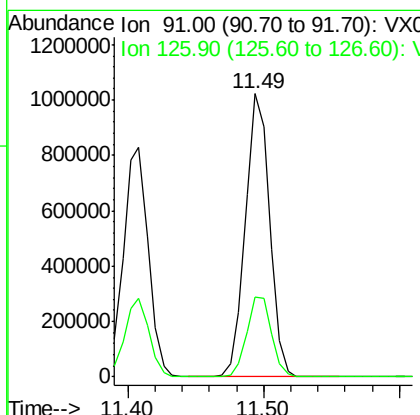
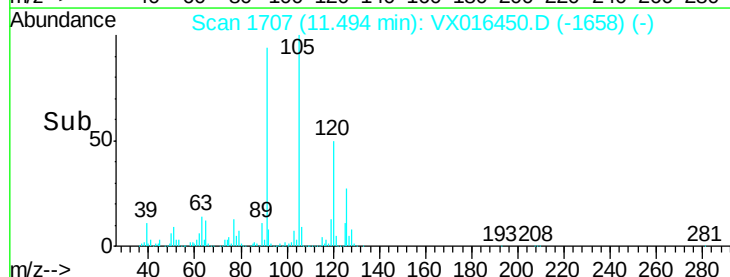
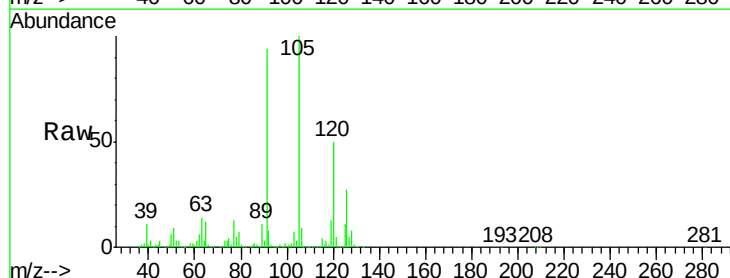
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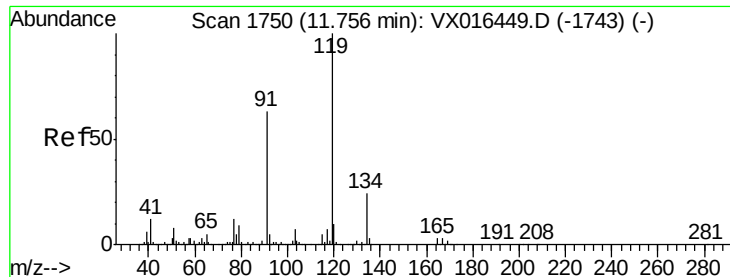
MMDadoda
5/28/2020 2:10:27 PM



#82
4-Chlorotoluene
Concen: 101.530 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.7	44.1





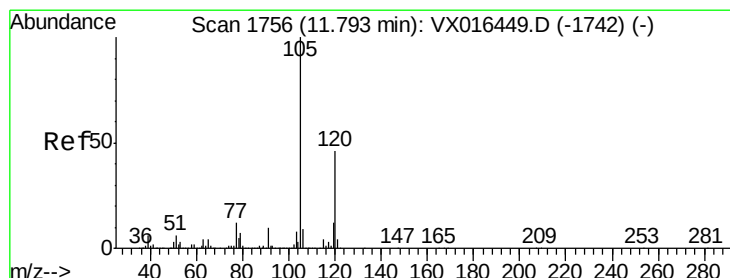
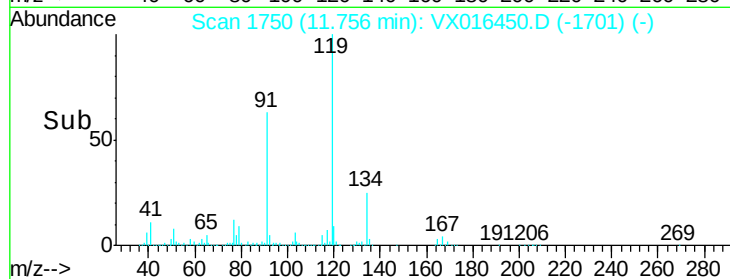
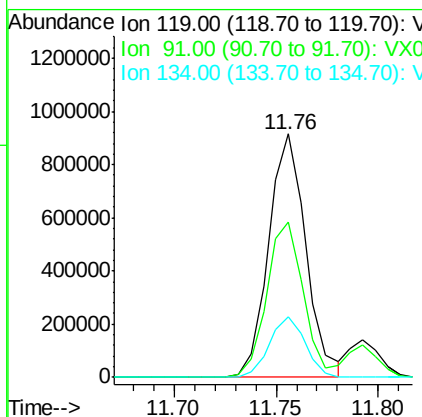
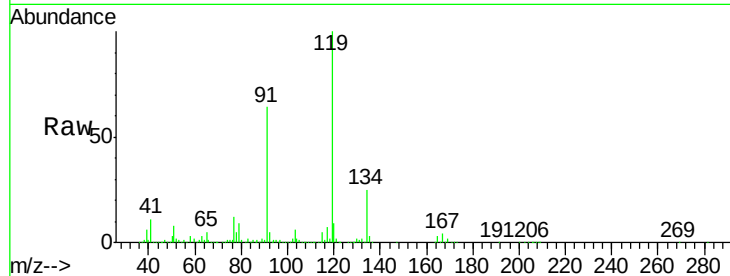
#83
 tert-Butylbenzene
 Concen: 103.138 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.3	93.8
134	24.0	12.0	36.0

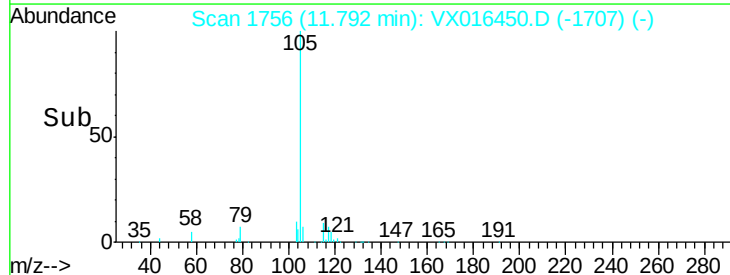
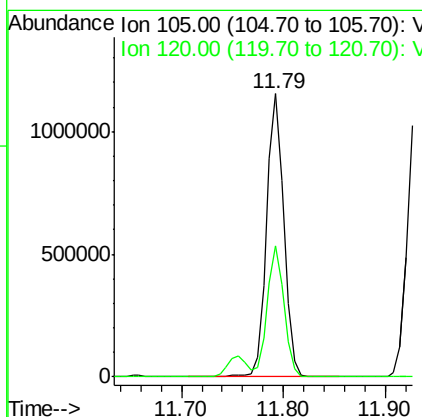
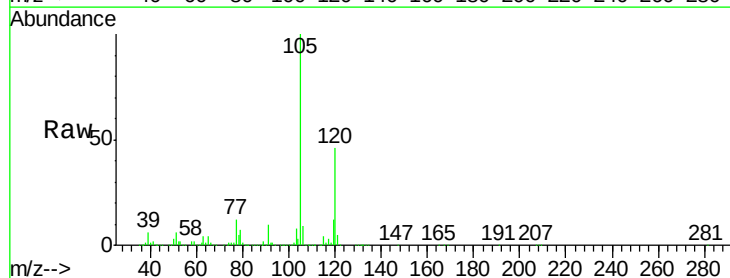
Manual Integrations
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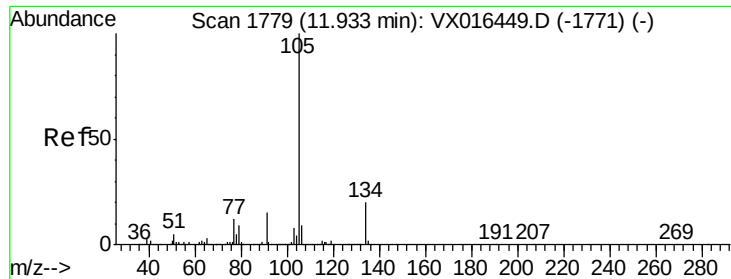
MMDadoda
 5/28/2020 2:10:27 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 102.414 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7





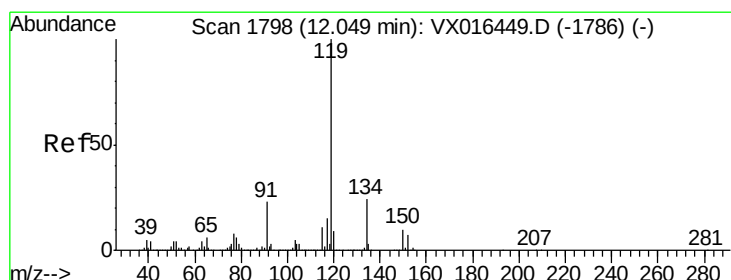
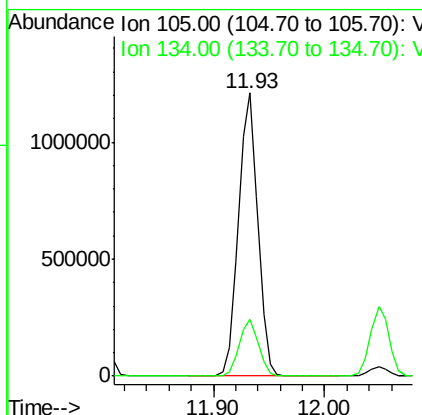
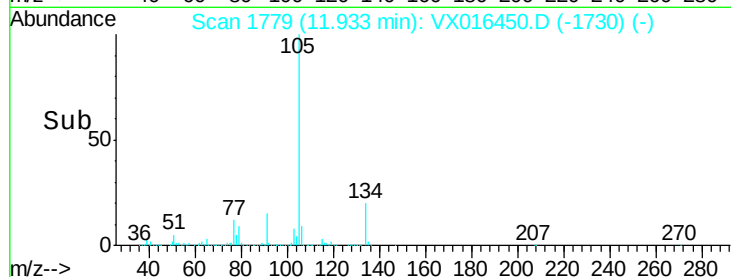
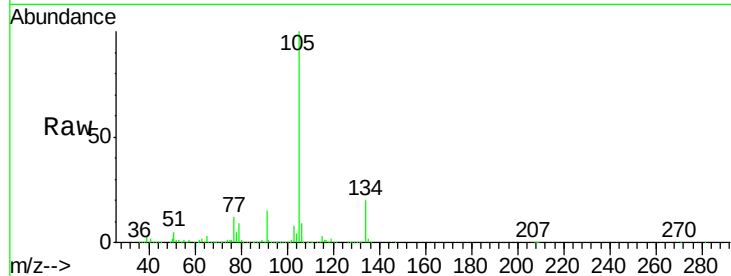
#85
 sec-Butylbenzene
 Concen: 96.292 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion:105 Resp: 1445802
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3

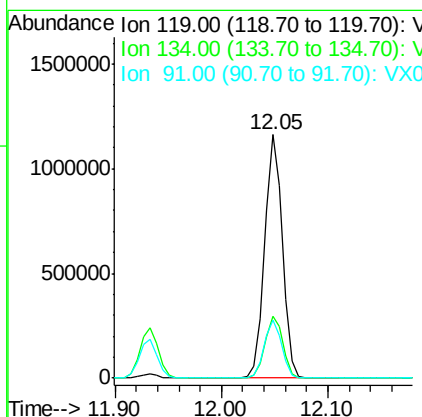
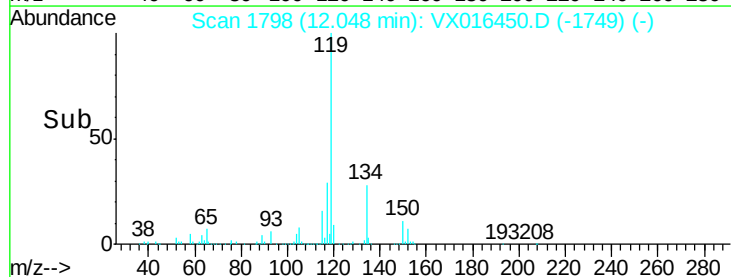
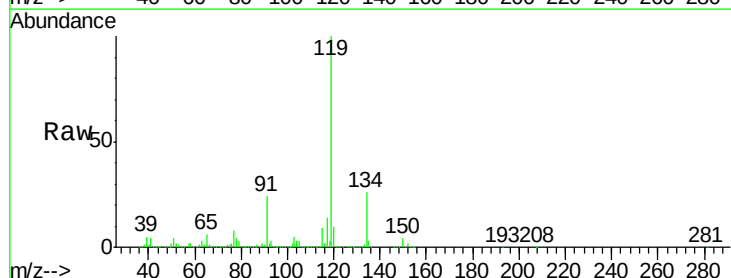
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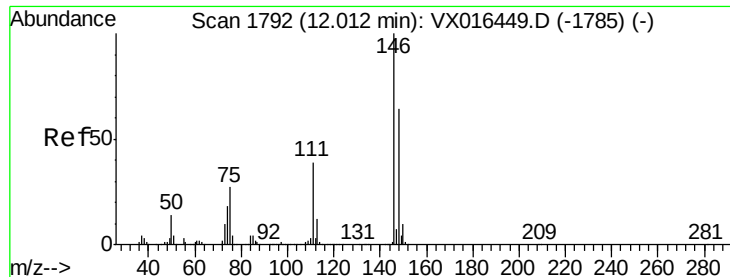
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 97.268 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion:119 Resp: 1358466
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 23.5 11.7 35.0





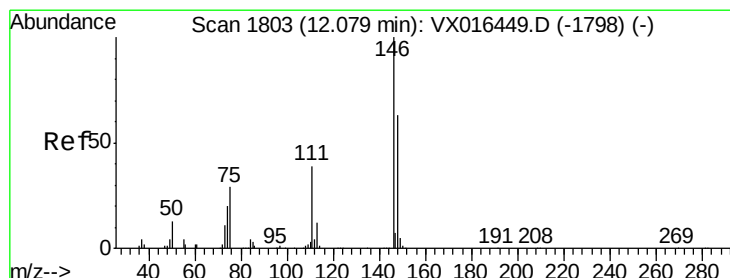
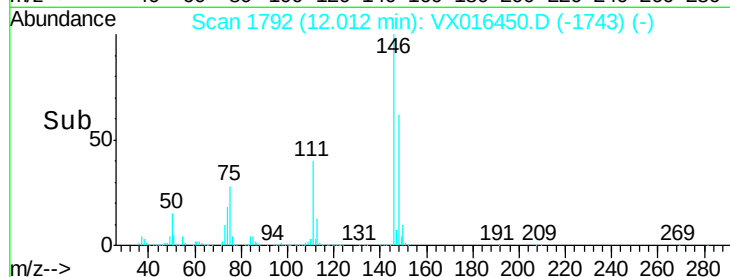
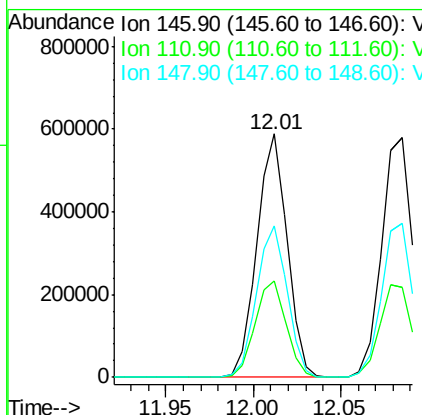
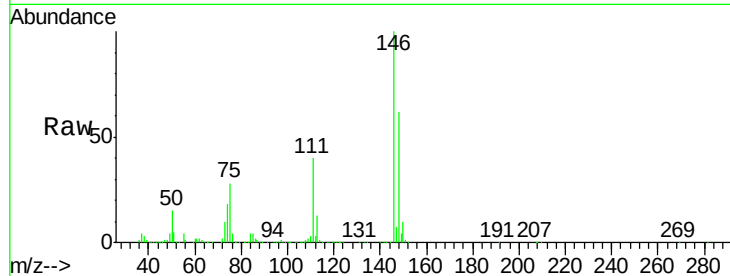
#87
 1,3-Dichlorobenzene
 Concen: 98.524 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.3	31.9	95.5

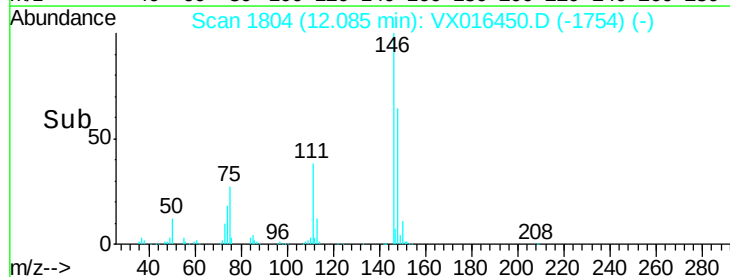
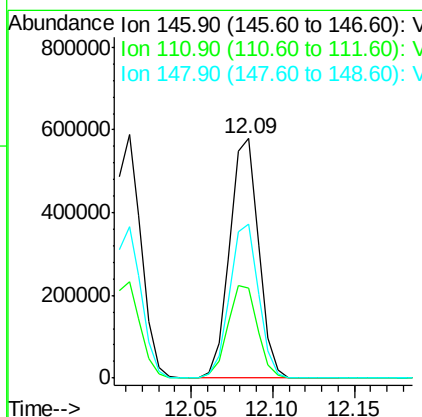
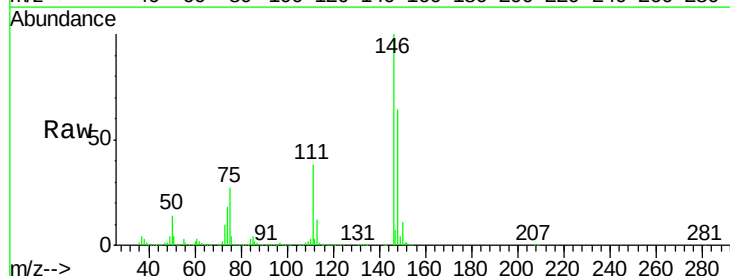
Manual Integrations
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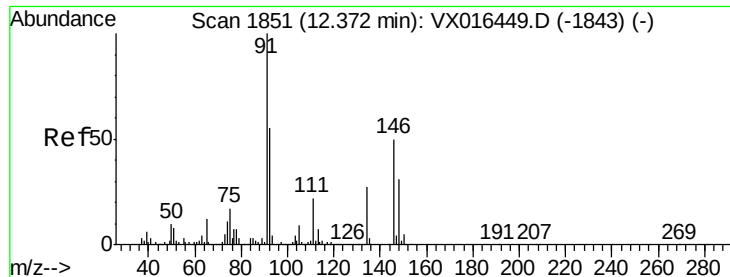
MMDadoda
 5/28/2020 2:10:27 PM



#88
 1,4-Dichlorobenzene
 Concen: 97.935 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	64.5	31.4	94.3





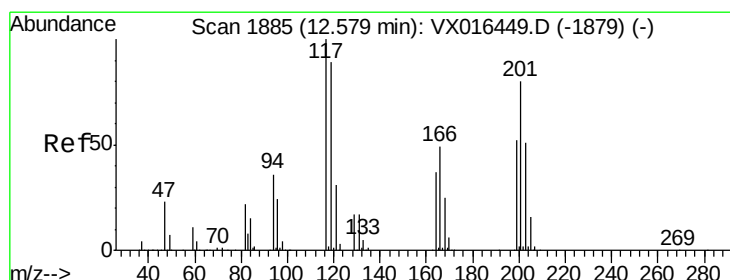
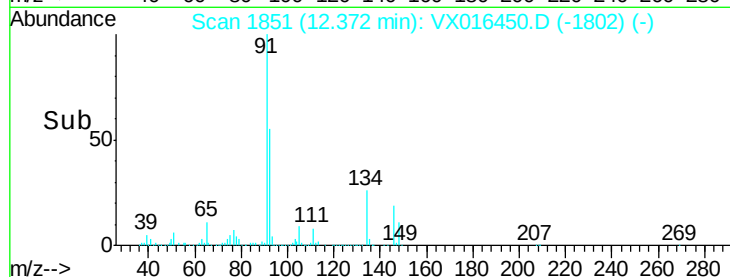
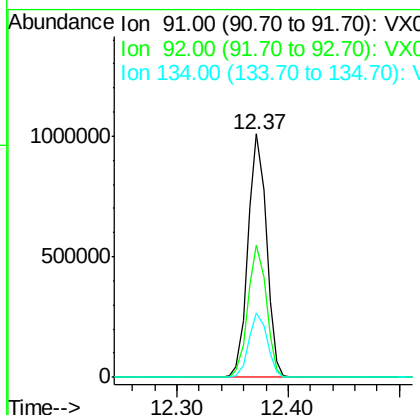
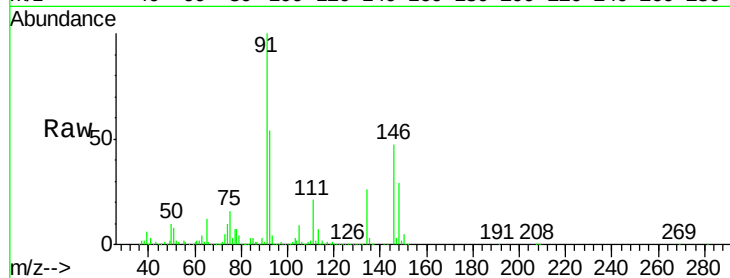
#89
n-Butylbenzene
Concen: 91.931 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	26.4	13.1	39.3

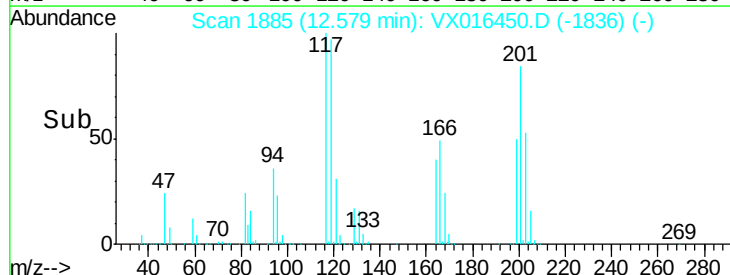
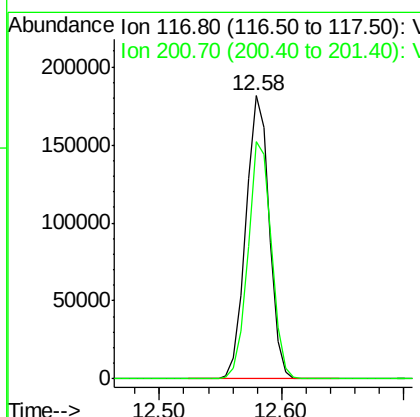
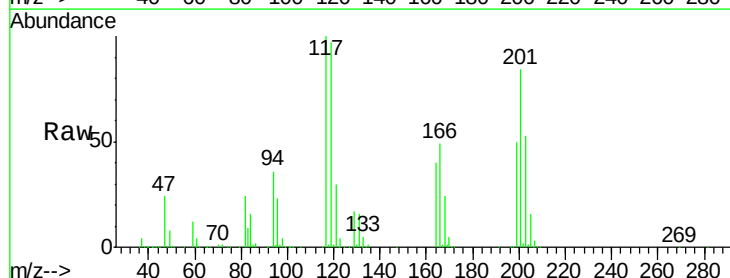
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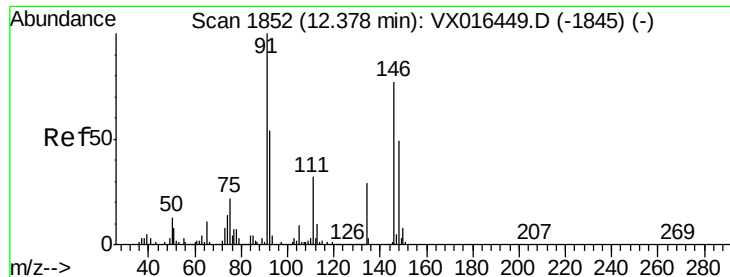
MMDadoda
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#90
Hexachloroethane
Concen: 100.589 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	43.1	129.3





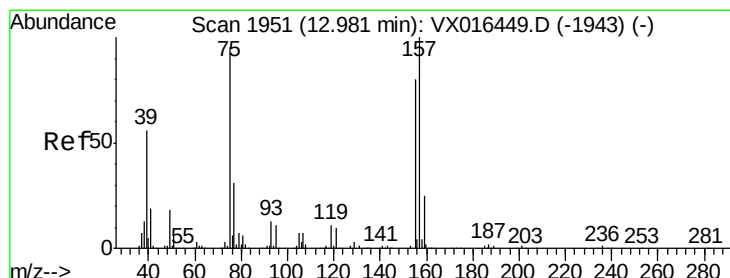
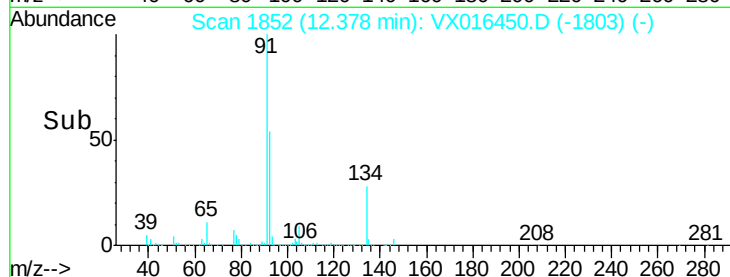
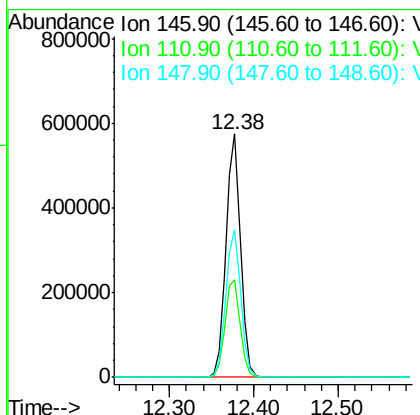
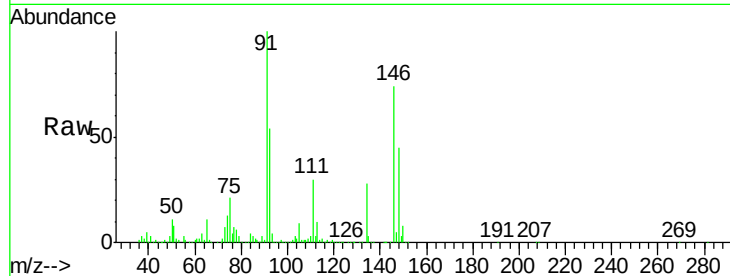
#91
 1,2-Dichlorobenzene
 Concen: 99.478 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	687194		
111	41.7	21.4	64.3	
148	62.5	31.9	95.7	

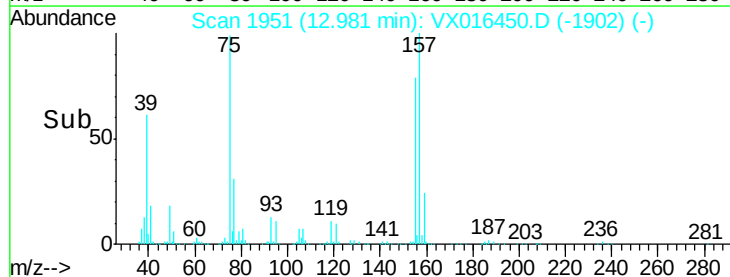
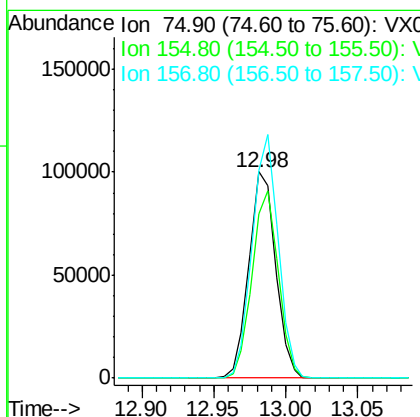
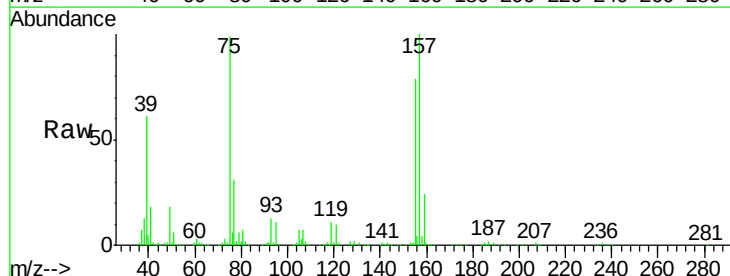
Manual Integrations
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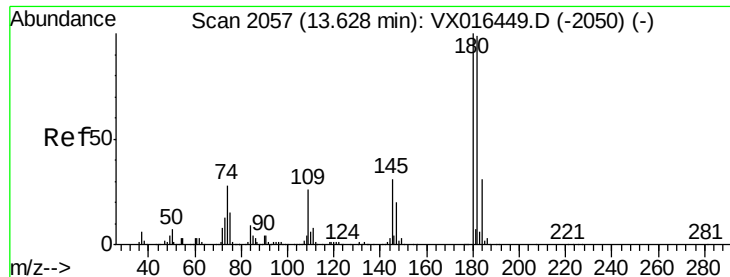
MMDadoda
 5/28/2020 2:10:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.811 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	128445		
155	88.8	44.1	132.4	
157	114.2	57.8	173.3	





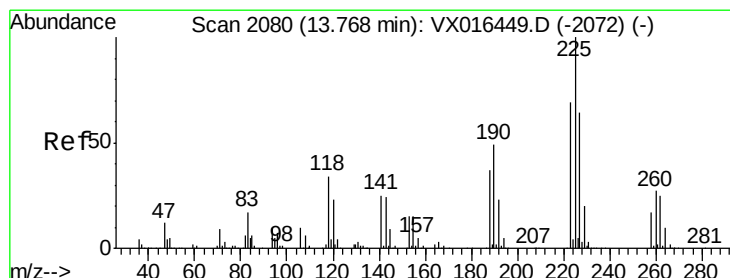
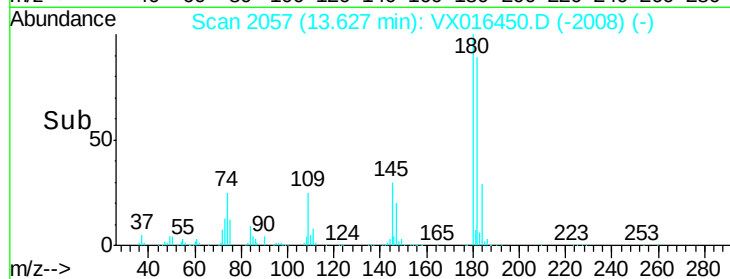
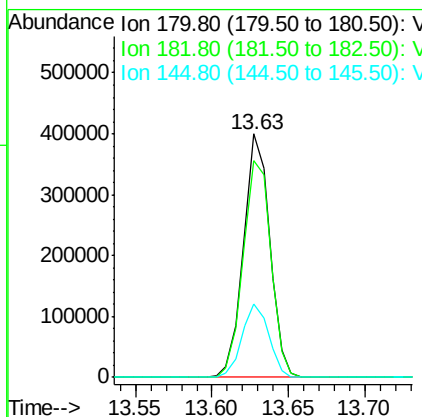
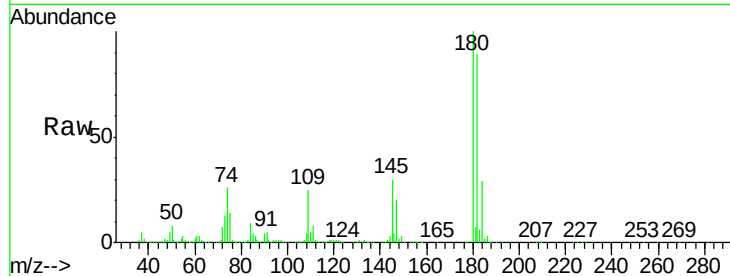
#93
 1,2,4-Trichlorobenzene
 Concen: 94.236 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	477595		
182	94.0	48.3	144.8	
145	30.9	15.4	46.2	

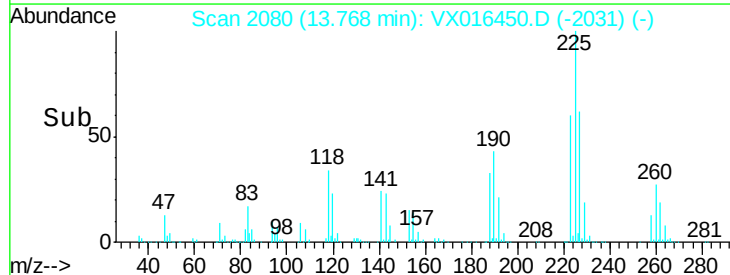
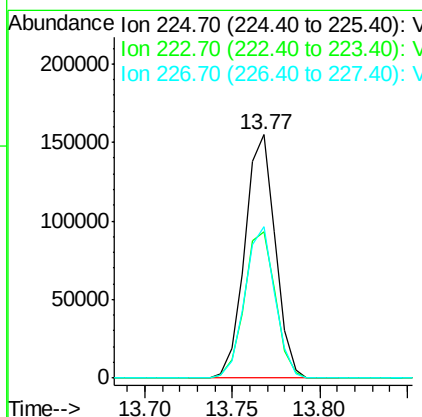
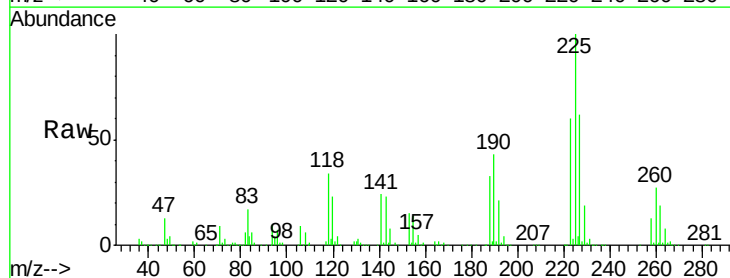
Manual Integrations
 APPROVED

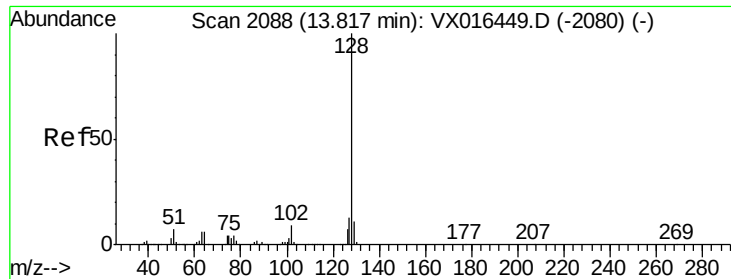
MMDadoda
 5/28/2020 2:10:27 PM



#94
 Hexachlorobutadiene
 Concen: 81.841 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	186722		
223	61.3	32.3	96.8	
227	61.5	31.6	94.7	





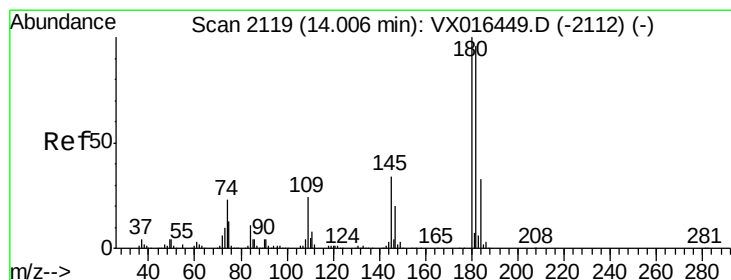
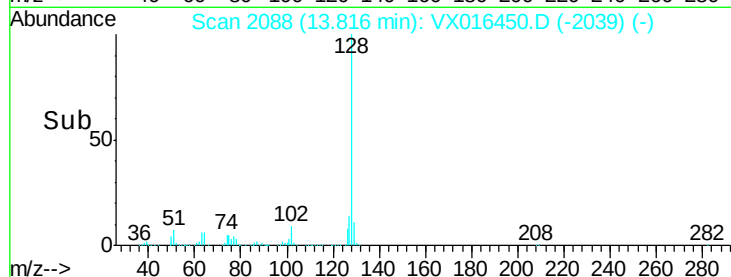
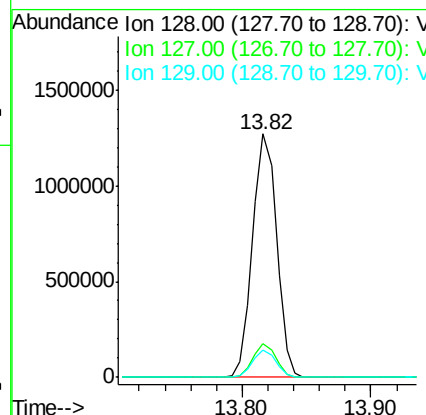
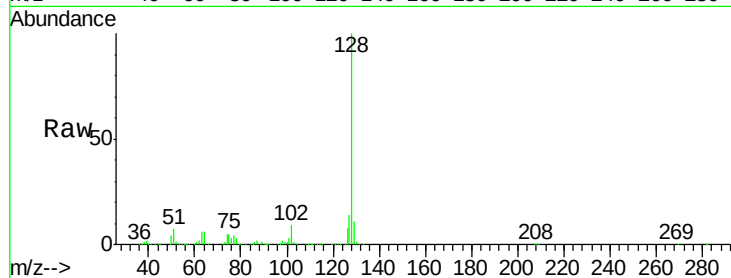
#95
Naphthalene
Concen: 99.022 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 94.165 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.6	145.8
145	32.3	16.6	49.8

