

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016251.D
 Acq On : 14 May 2020 23:56
 Operator : JC/SP
 Sample : VX0514WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:39 AM

Quant Time: May 15 04:59:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	258728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158596	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	5.46	113	125405	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
50) Toluene-d8	8.70	98	491981	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.12	95	185319	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	51383	18.763	ug/l	97
3) Chloromethane	1.31	50	56157	17.657	ug/l	97
4) Vinyl Chloride	1.39	62	61420	18.101	ug/l	99
5) Bromomethane	1.62	94	37281	21.794	ug/l	100
6) Chloroethane	1.71	64	37544	18.185	ug/l	98
7) Trichlorofluoromethane	1.92	101	80627	18.099	ug/l	98
8) Diethyl Ether	2.17	74	34166	18.203	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45398	17.664	ug/l	98
10) Methyl Iodide	2.49	142	46858	13.573	ug/l	99
11) Tert butyl alcohol	3.01	59	77561	90.089	ug/l	99
12) 1,1-Dichloroethene	2.36	96	47684	17.730	ug/l	97
13) Acrolein	2.27	56	42131	78.202	ug/l	99
14) Allyl chloride	2.71	41	85850	17.409	ug/l	94
15) Acrylonitrile	3.12	53	170658	95.553	ug/l	99
16) Acetone	2.42	43	135131	88.955	ug/l	95
17) Carbon Disulfide	2.55	76	137685	16.910	ug/l	100
18) Methyl Acetate	2.75	43	74627	19.980	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	178143	19.214	ug/l	99
20) Methylene Chloride	2.84	84	57555	18.379	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	52903	17.651	ug/l	97
22) Diisopropyl ether	3.82	45	174495	18.756	ug/l	98
23) Vinyl Acetate	3.79	43	749879	91.618	ug/l	100
24) 1,1-Dichloroethane	3.67	63	99893	19.195	ug/l	98
25) 2-Butanone	4.64	43	232891	95.140	ug/l	99
26) 2,2-Dichloropropane	4.56	77	70179	14.766	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	62931	19.206	ug/l	95
28) Bromochloromethane	4.98	49	44017	18.549	ug/l	97
29) Tetrahydrofuran	5.09	42	153450	94.607	ug/l	98
30) Chloroform	5.18	83	99783	19.257	ug/l	99
31) Cyclohexane	5.55	56	85036	17.979	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	89010	18.898	ug/l	98
36) 1,1-Dichloropropene	5.77	75	73694	17.861	ug/l	99
37) Ethyl Acetate	4.80	43	87807	18.361	ug/l	98
38) Carbon Tetrachloride	5.76	117	77888	18.572	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80409	16.182	ug/l	98
40) Benzene	6.12	78	228446	18.923	ug/l	100
41) Methacrylonitrile	5.01	41	47002	18.199	ug/l	97
42) 1,2-Dichloroethane	6.17	62	80016	18.399	ug/l	99
43) Isopropyl Acetate	6.42	43	138619	18.167	ug/l	98
44) Trichloroethene	7.19	130	73401	17.114	ug/l	96
45) 1,2-Dichloropropane	7.49	63	58829	19.258	ug/l	100
46) Dibromomethane	7.64	93	38677	18.631	ug/l	100
47) Bromodichloromethane	7.88	83	80579	19.058	ug/l	100
48) Methyl methacrylate	7.74	41	64863	17.940	ug/l	95
49) 1,4-Dioxane	7.71	88	30741	354.514	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	442650	94.801	ug/l	98
52) Toluene	8.77	92	143965	19.131	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90232	17.899	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	96277	18.285	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	57909	19.560	ug/l	99
56) Ethyl methacrylate	9.16	69	92222	19.083	ug/l	95
57) 1,3-Dichloropropane	9.35	76	99603	19.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	228940	88.984	ug/l	100
59) 2-Hexanone	9.48	43	343826	93.766	ug/l	98
60) Dibromochloromethane	9.57	129	63348	19.428	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62248	19.411	ug/l	100
64) Tetrachloroethene	9.32	164	86674	17.948	ug/l	97
65) Chlorobenzene	10.12	112	154228	18.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57699	18.952	ug/l	99
67) Ethyl Benzene	10.24	91	269985	18.370	ug/l	99
68) m/p-Xylenes	10.34	106	203912	37.032	ug/l	98
69) o-Xylene	10.68	106	98653	18.639	ug/l	99
70) Styrene	10.70	104	168705	18.788	ug/l	99
71) Bromoform	10.84	173	47870	19.299	ug/l #	99
73) Isopropylbenzene	11.01	105	261440	18.270	ug/l	100
74) N-amyl acetate	10.88	43	115625	17.323	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	60824	23.890	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	83384m	18.677	ug/l	
77) Bromobenzene	11.24	156	66947	18.125	ug/l	99
78) n-propylbenzene	11.34	91	295781	17.768	ug/l	99
79) 2-Chlorotoluene	11.40	91	180360	18.355	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	218000	18.043	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	30812	16.447	ug/l	99
82) 4-Chlorotoluene	11.49	91	211559	18.232	ug/l	100
83) tert-Butylbenzene	11.76	119	188267	18.081	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	219686	17.985	ug/l	100
85) sec-Butylbenzene	11.93	105	243944	17.352	ug/l	100
86) p-Isopropyltoluene	12.05	119	224195	17.176	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	121117	18.263	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	121842	18.101	ug/l	98
89) n-Butylbenzene	12.37	91	188665	15.822	ug/l	99
90) Hexachloroethane	12.58	117	37451	16.707	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	118707	18.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21163	17.986	ug/l	99

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ClientSampleId :
VX0514WBSD02

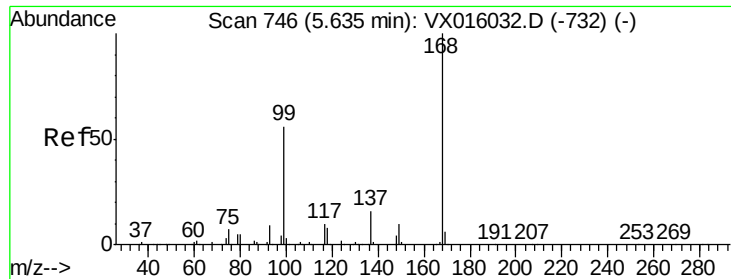
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81117	17.157	ug/l	99
94) Hexachlorobutadiene	13.77	225	29080	14.658	ug/l	97
95) Naphthalene	13.82	128	278105	18.166	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	79778	17.266	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion:168 Resp: 258728

Ion Ratio Lower Upper

168 100

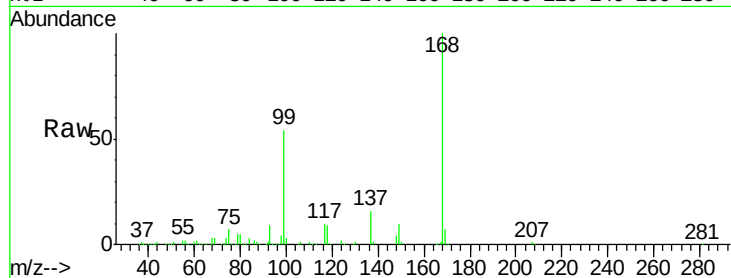
99 54.2 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

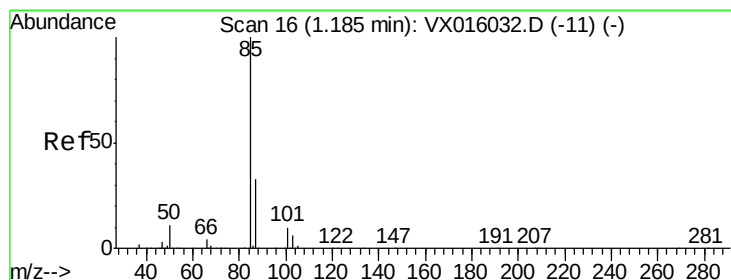
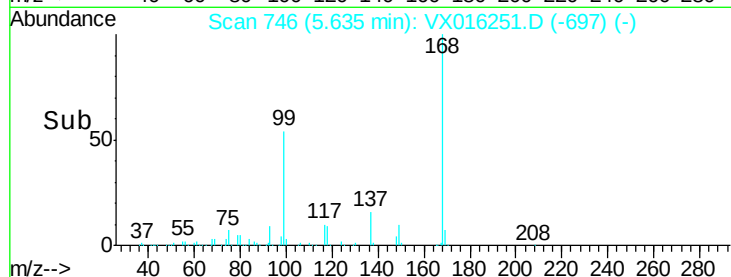
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.763 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016251.D

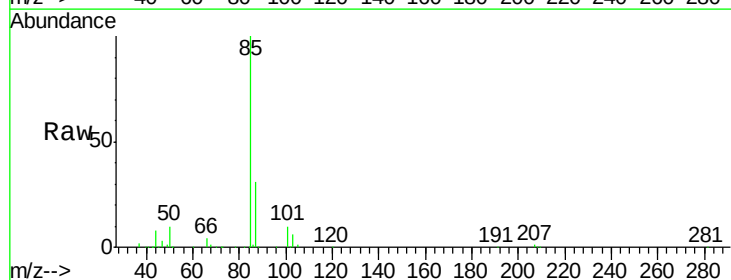
Acq: 14 May 2020 23:56

Tgt Ion: 85 Resp: 51383

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

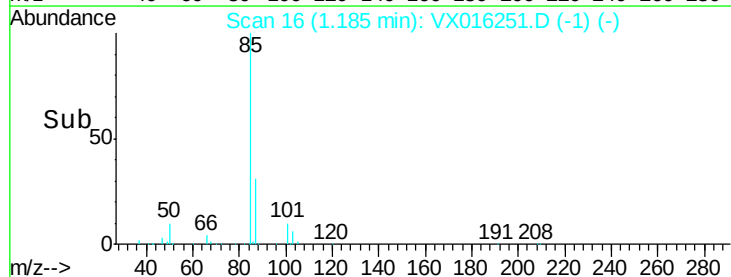
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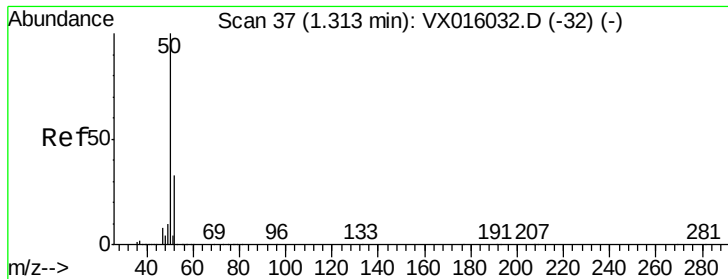
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.657 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 50 Resp: 56157

Ion Ratio Lower Upper

50 100

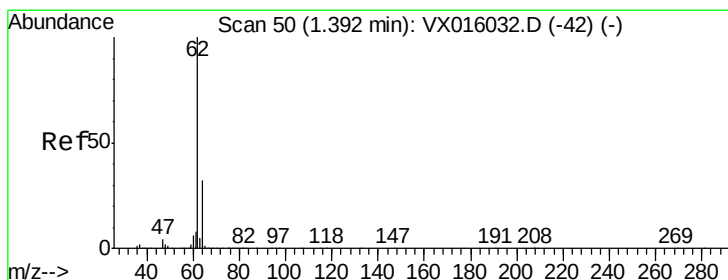
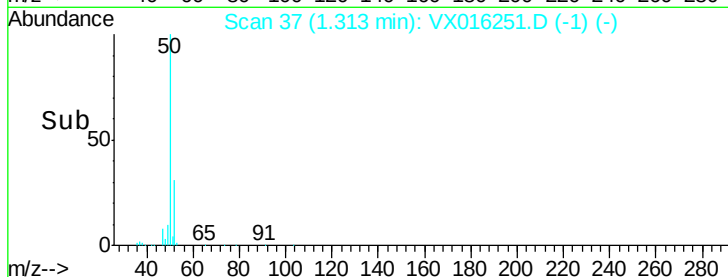
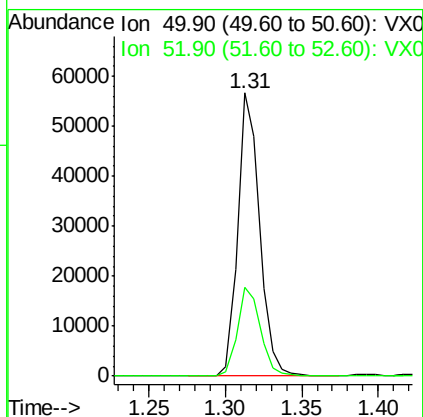
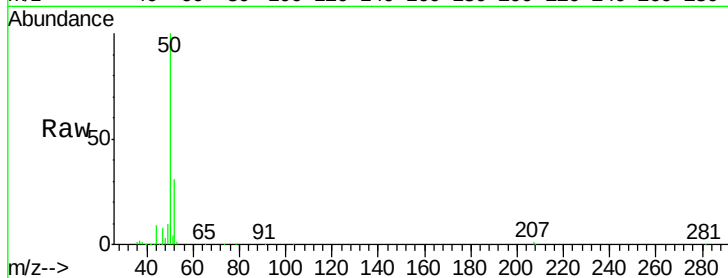
52 31.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.101 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016251.D

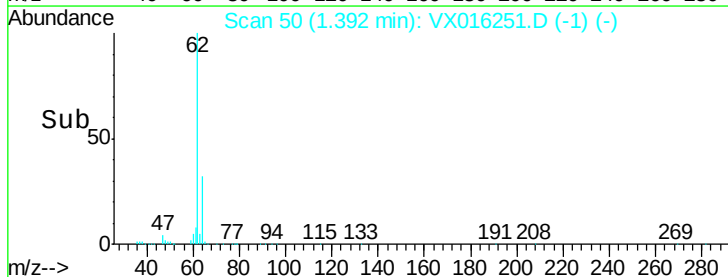
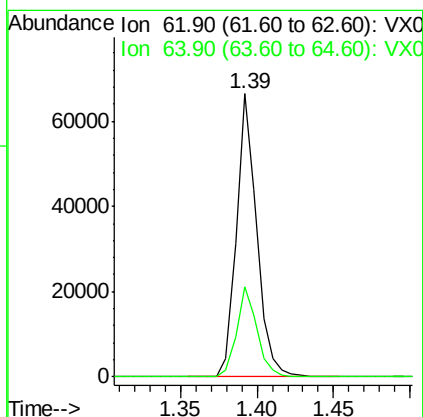
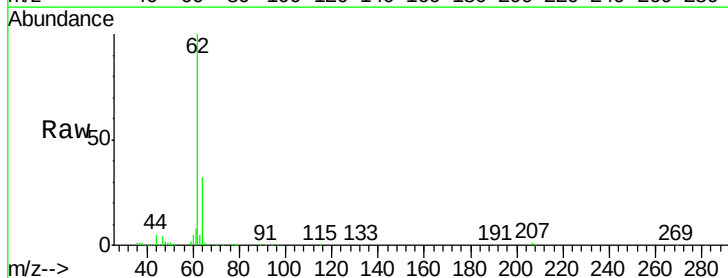
Acq: 14 May 2020 23:56

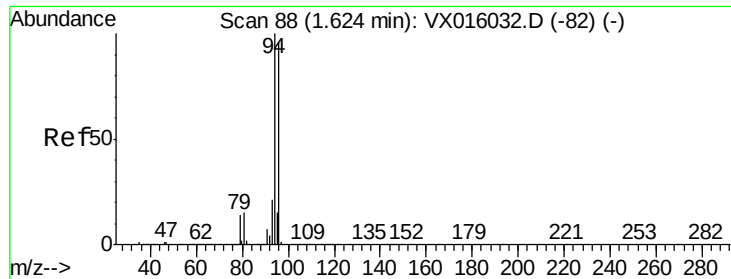
Tgt Ion: 62 Resp: 61420

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 21.794 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 94 Resp: 37281

Ion Ratio Lower Upper

94 100

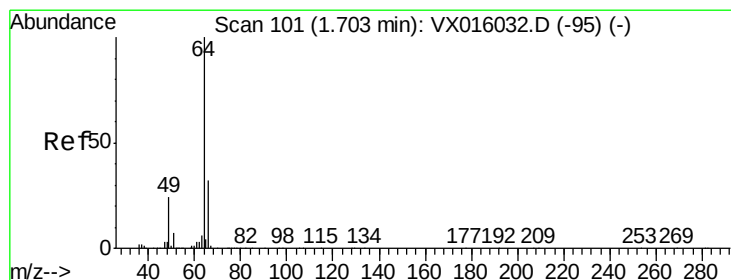
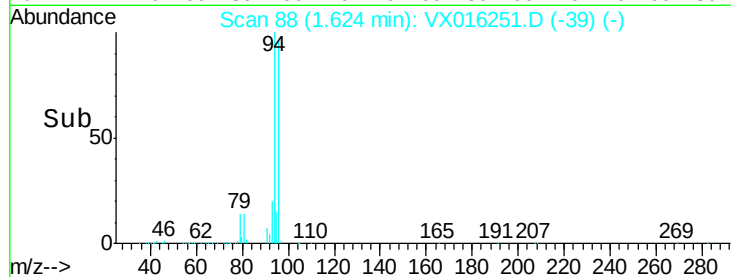
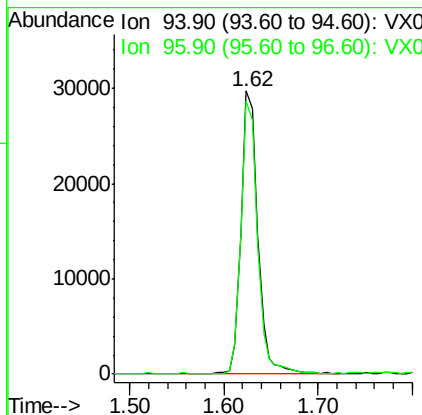
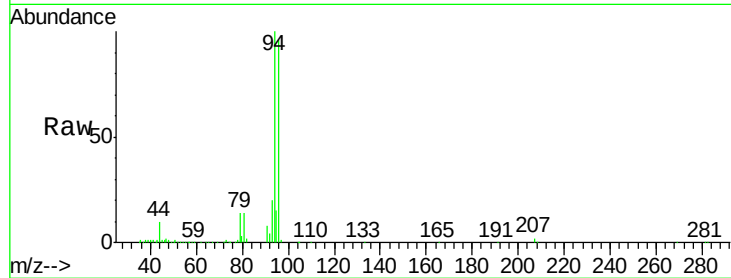
96 96.1 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 18.185 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016251.D

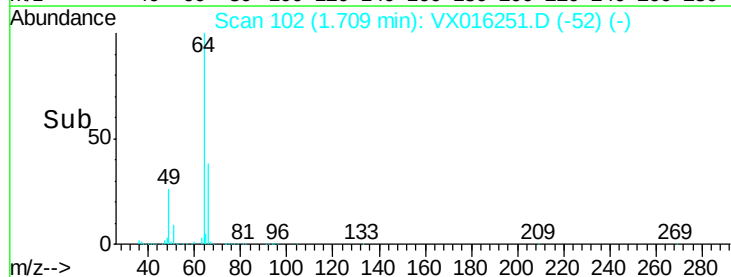
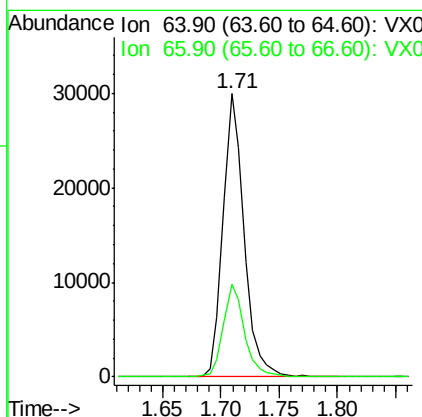
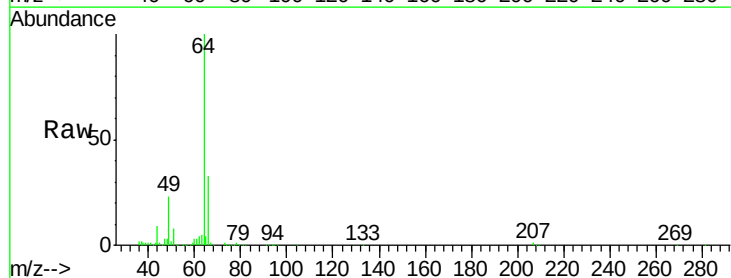
Acq: 14 May 2020 23:56

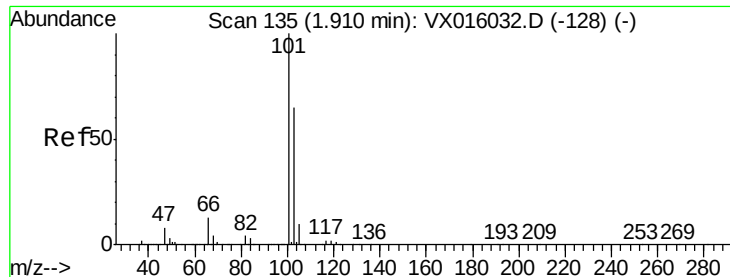
Tgt Ion: 64 Resp: 37544

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8





#7

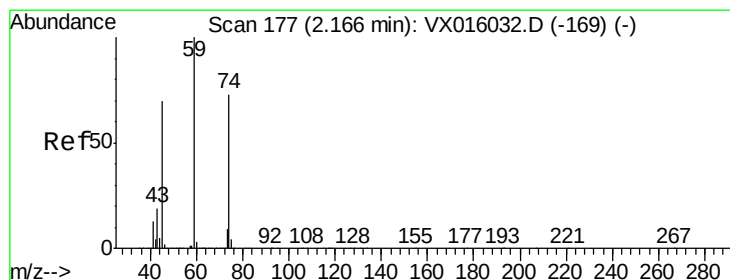
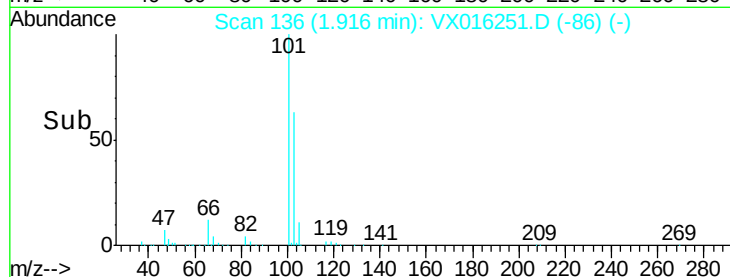
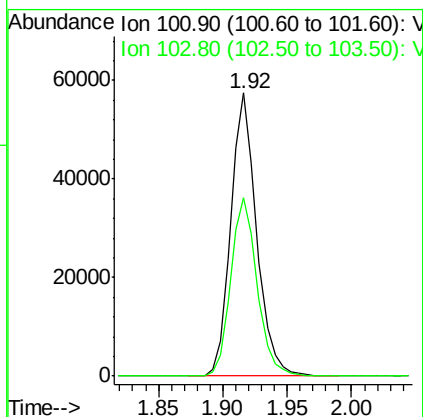
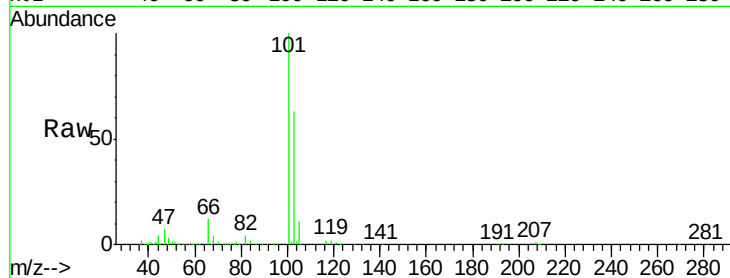
Trichlorofluoromethane
Concen: 18.099 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
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ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.8	77.6

Manual Integrations
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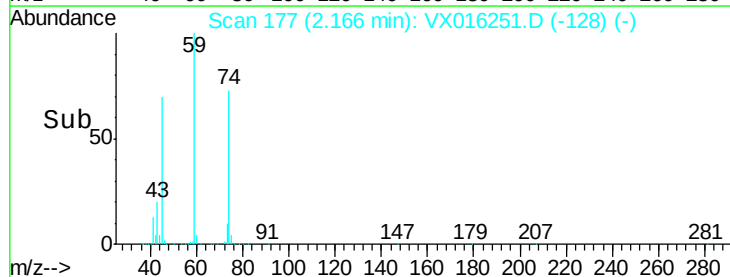
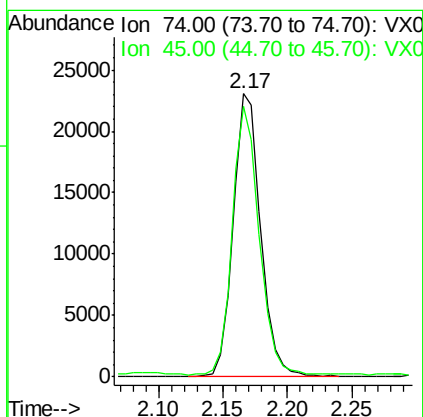
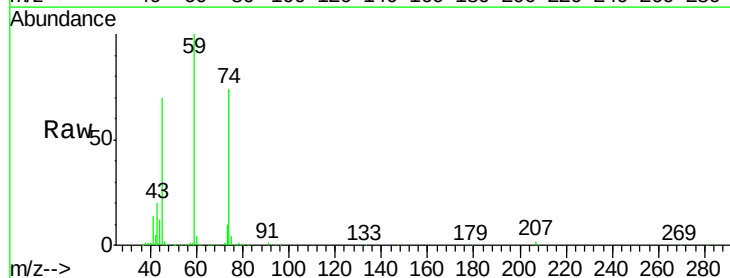
MMDadoda
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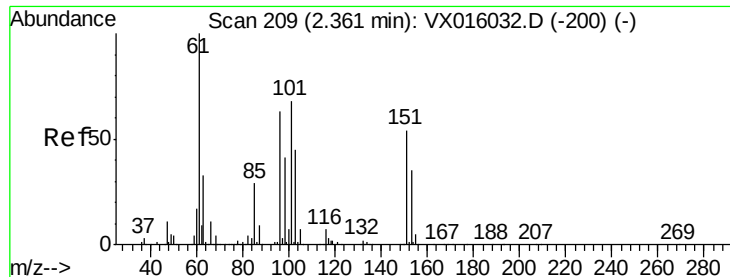


#8

Diethyl Ether
Concen: 18.203 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.664 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

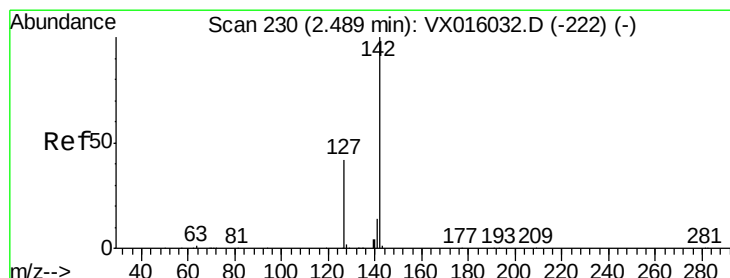
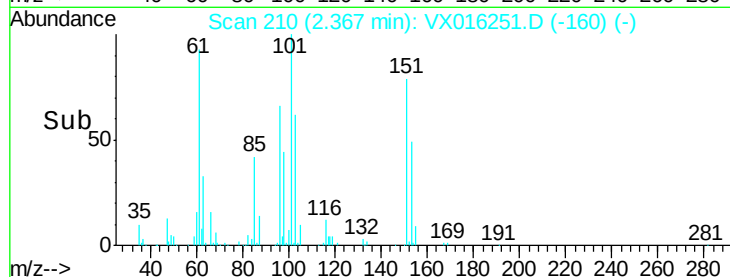
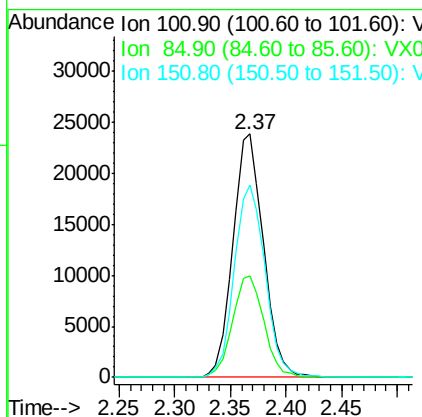
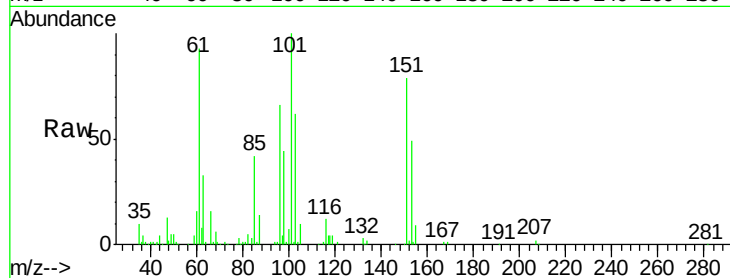
ClientSampleId :

VX0514WBSD02

Tot Ion:	101	Resp:	45398
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	79.6	62.1	93.1

Manual Integrations
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5/15/2020 10:10:39 AM



#10

Methyl Iodide

Concen: 13.573 ug/l

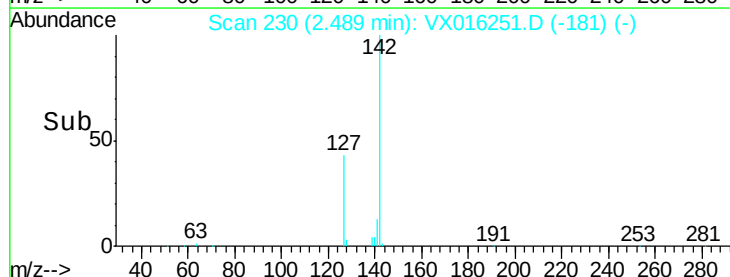
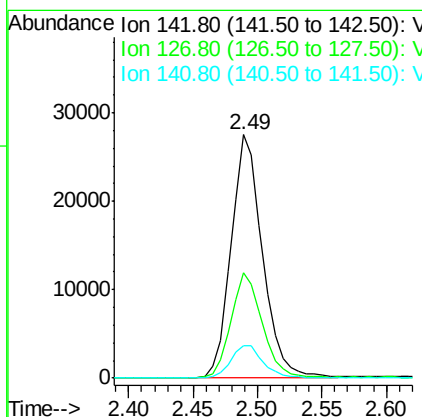
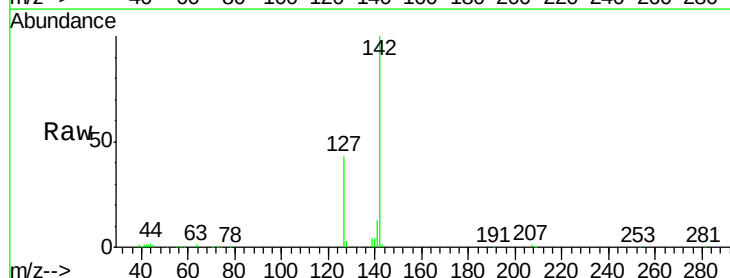
RT: 2.49 min Scan# 230

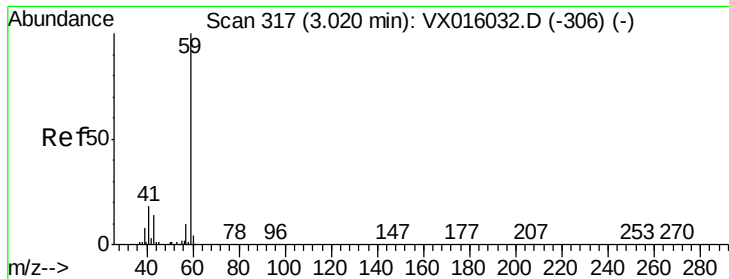
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	142	Resp:	46858
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.6	52.0
141	13.7	11.3	16.9





#11

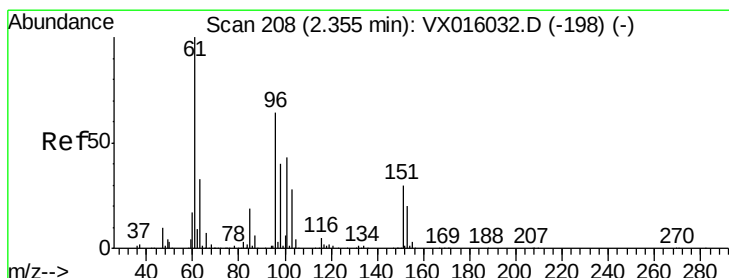
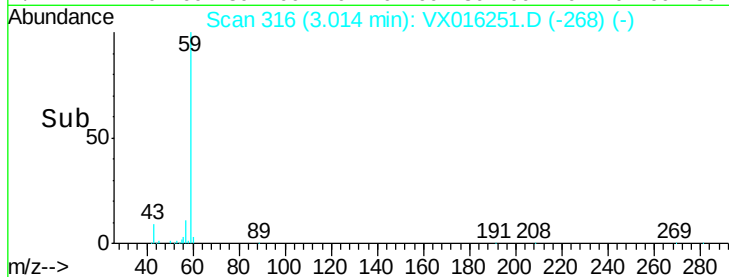
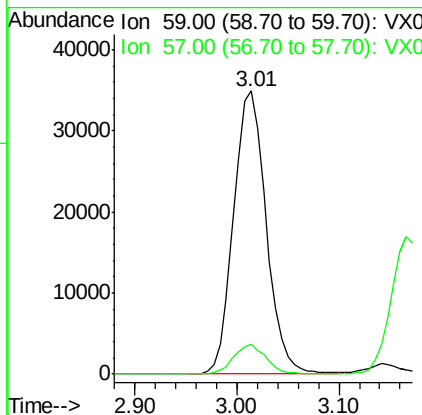
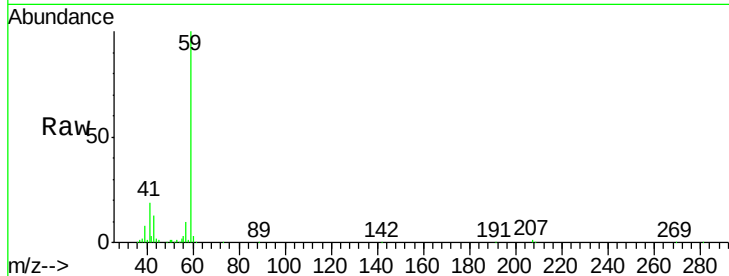
Tert butyl alcohol
Concen: 90.089 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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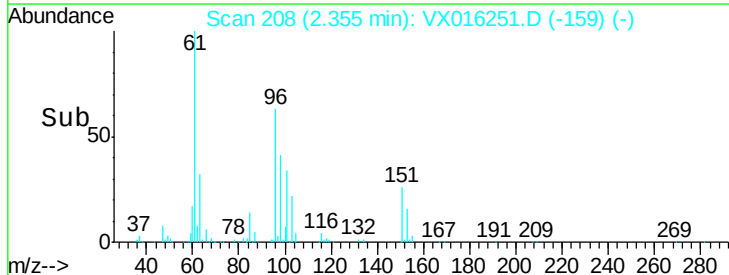
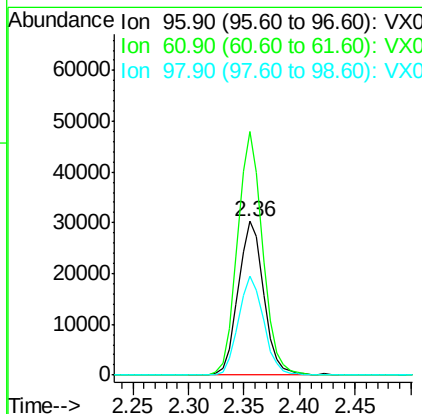
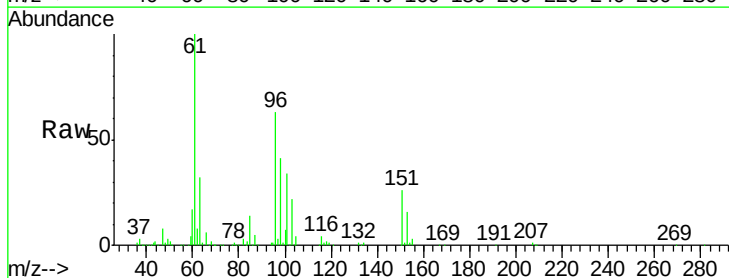
MMDadoda
5/15/2020 10:10:39 AM

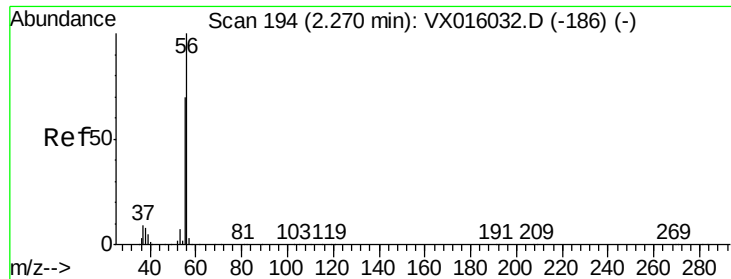


#12

1,1-Dichloroethene
Concen: 17.730 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.1	124.8	187.2
98	64.9	49.7	74.5





#13

Acrolein

Concen: 78.202 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 56 Resp: 42131

Ion Ratio Lower Upper

56 100

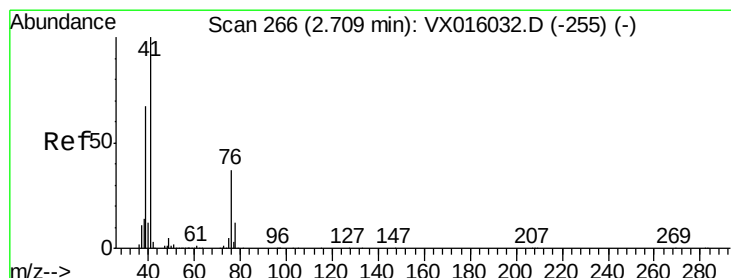
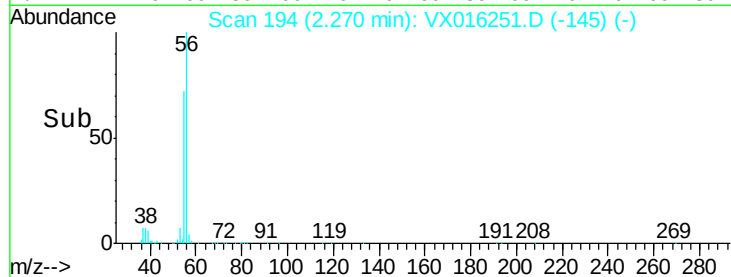
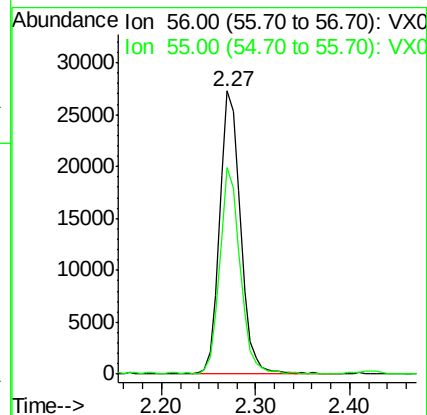
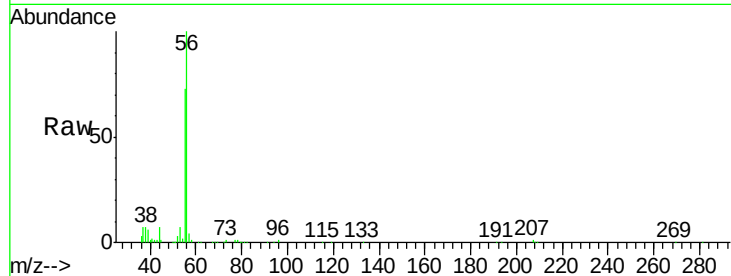
55 71.4 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 17.409 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

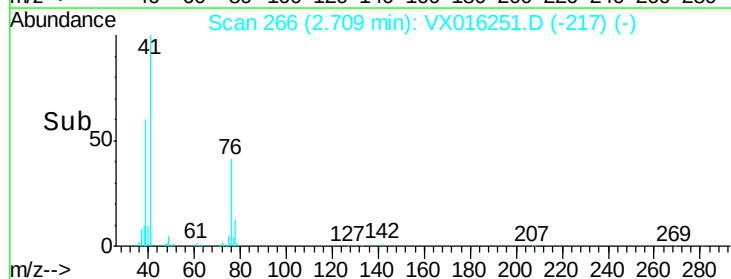
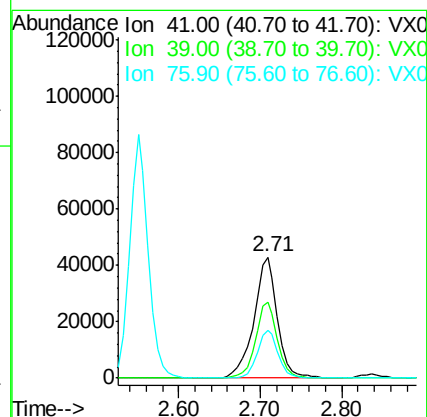
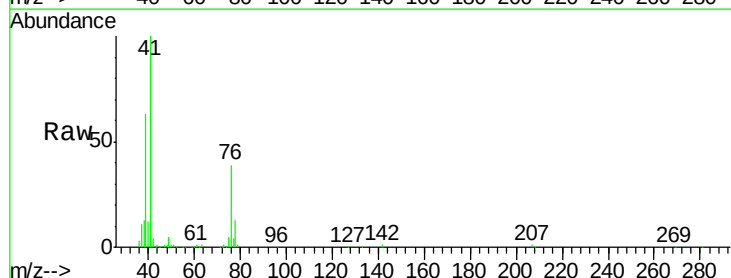
Tgt Ion: 41 Resp: 85850

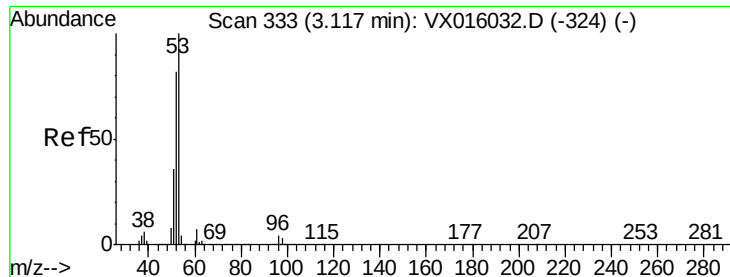
Ion Ratio Lower Upper

41 100

39 57.8 50.5 75.7

76 35.1 26.6 40.0





#15

Acrylonitrile

Concen: 95.553 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

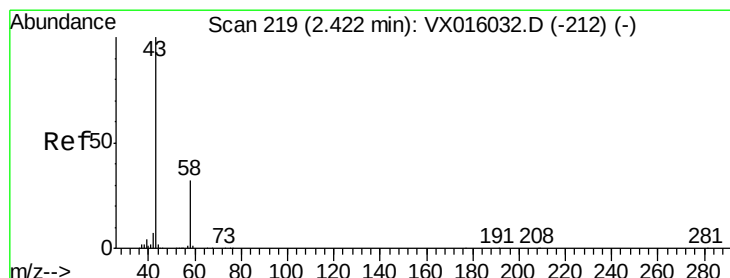
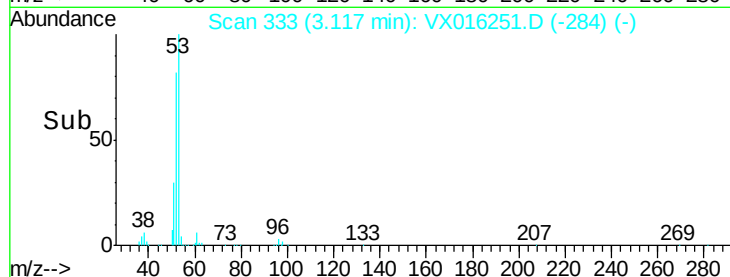
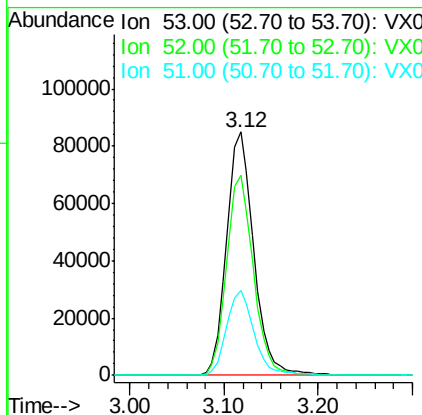
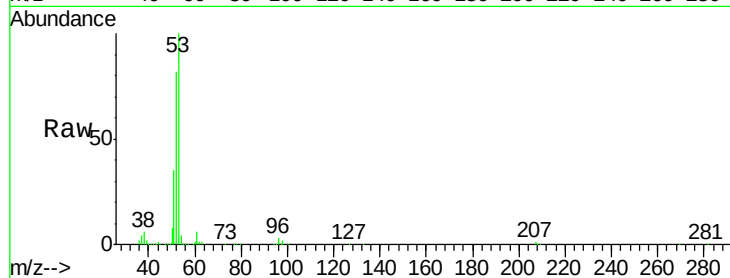
ClientSampleId :

VX0514WBSD02

Tot Ion:	53	Resp:	170658
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.1	99.1
51	35.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 88.955 ug/l

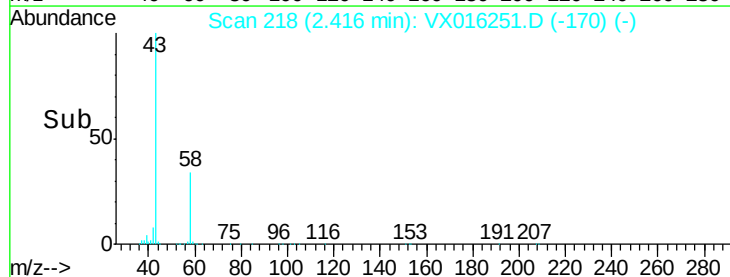
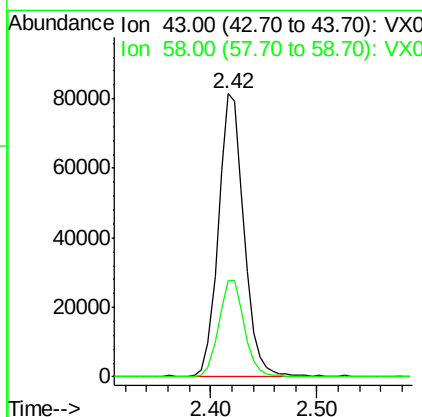
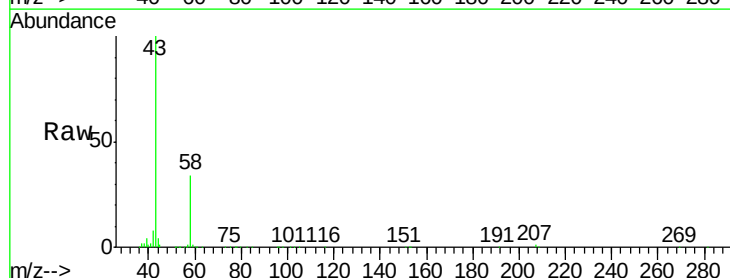
RT: 2.42 min Scan# 218

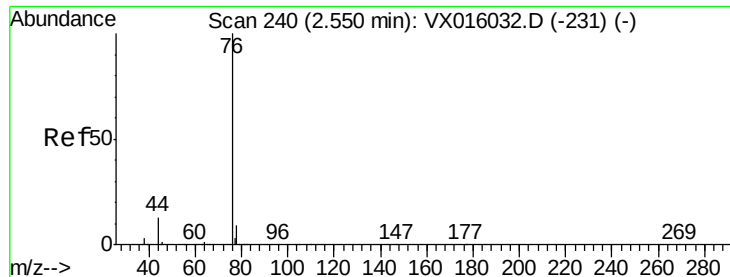
Delta R.T. -0.01 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	43	Resp:	135131
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.4	38.0





#17

Carbon Disulfide

Concen: 16.910 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 76 Resp: 137685

Ion Ratio Lower Upper

76 100

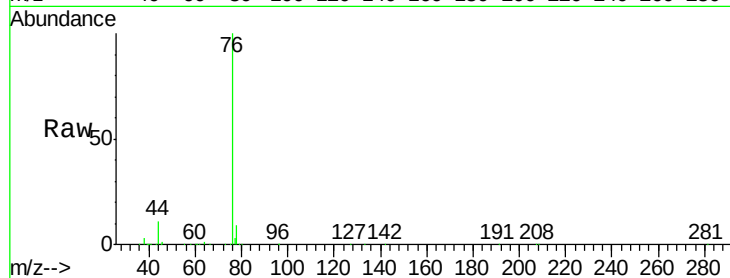
78 9.4 7.5 11.3

Manual Integrations

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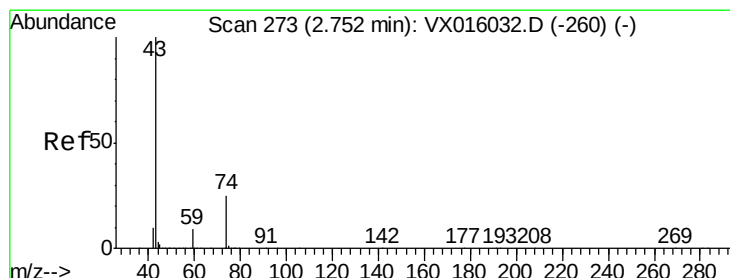
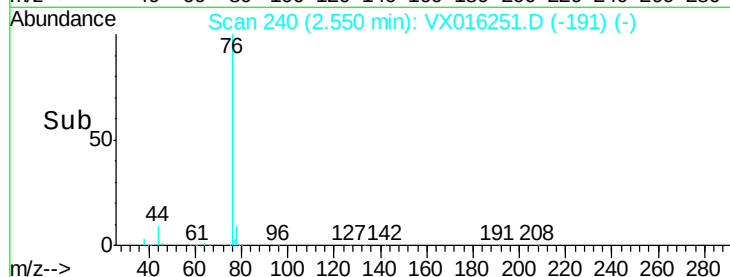
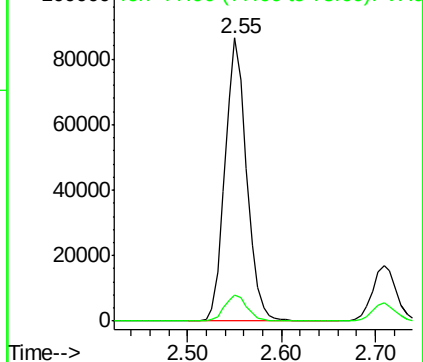
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.980 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016251.D

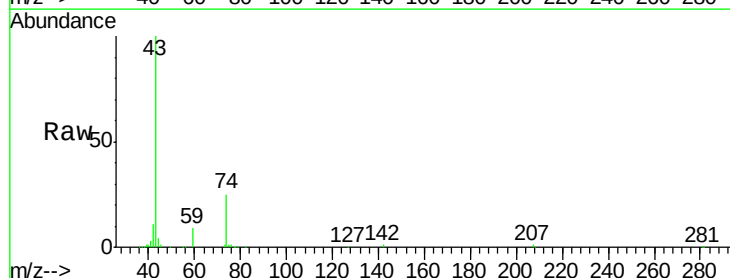
Acq: 14 May 2020 23:56

Tgt Ion: 43 Resp: 74627

Ion Ratio Lower Upper

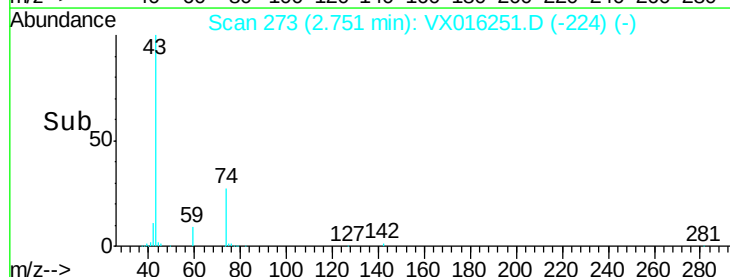
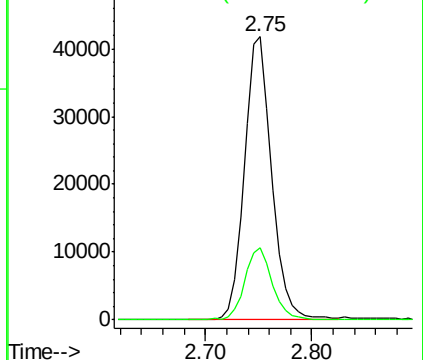
43 100

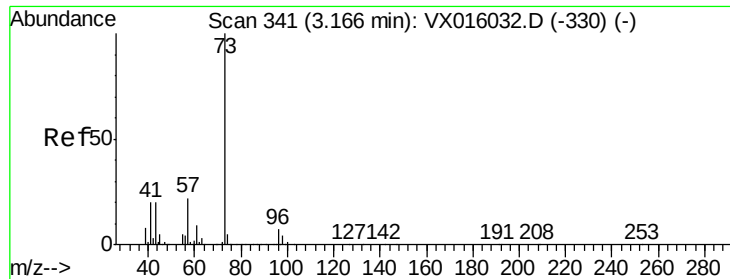
74 26.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





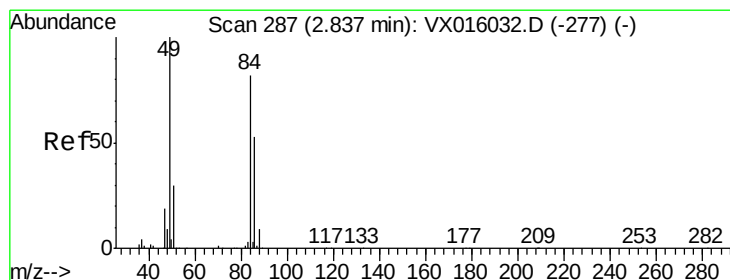
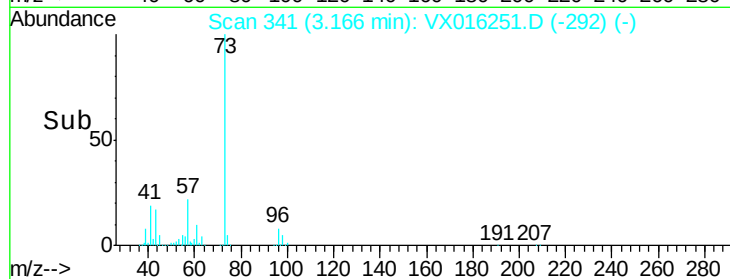
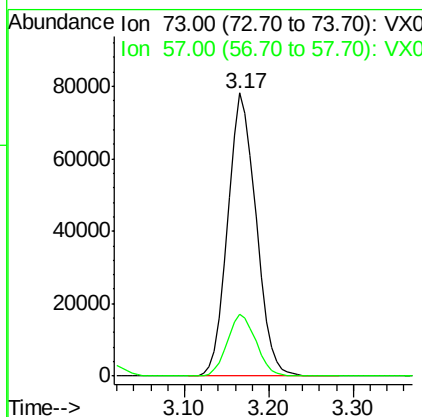
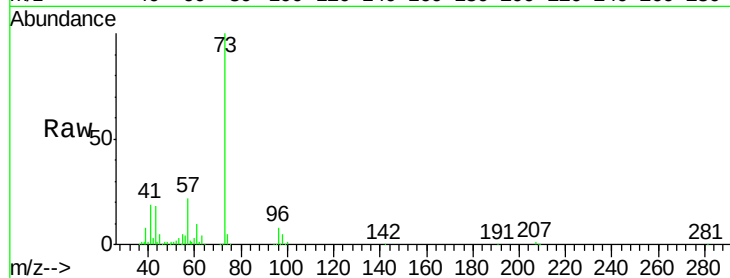
#19
Methyl tert-butyl Ether
Concen: 19.214 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

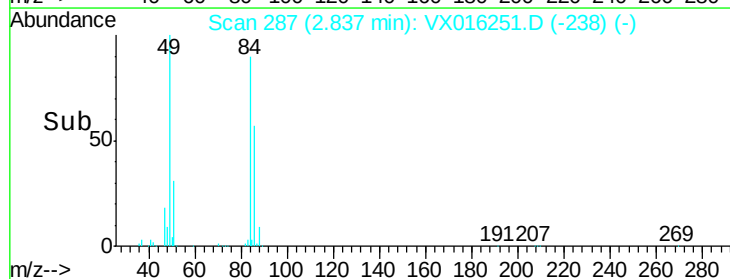
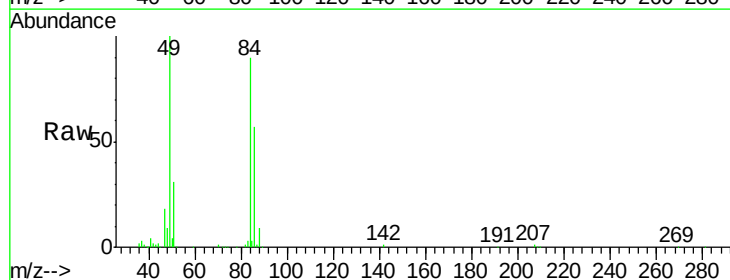
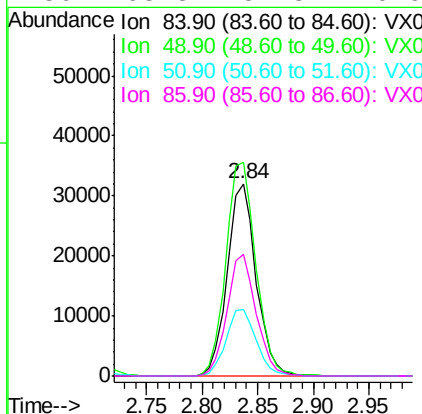
Manual Integrations
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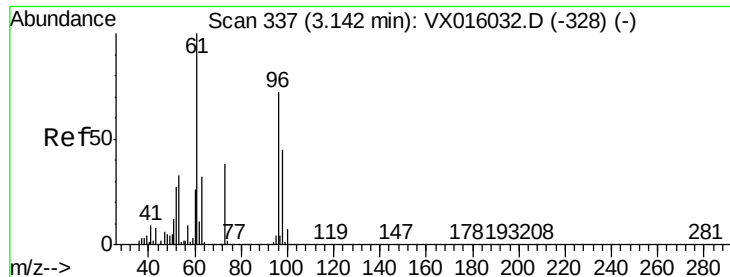
MMDadoda
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#20
Methylene Chloride
Concen: 18.379 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.1	97.3	145.9
51	34.7	29.3	43.9
86	63.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.651 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

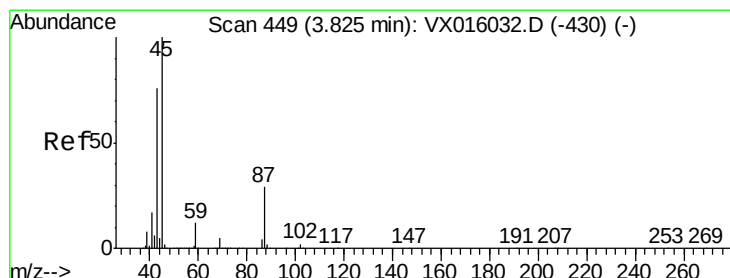
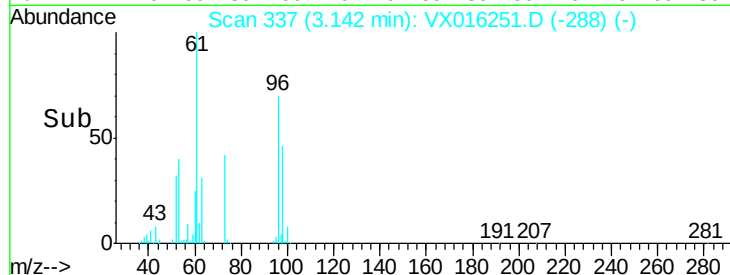
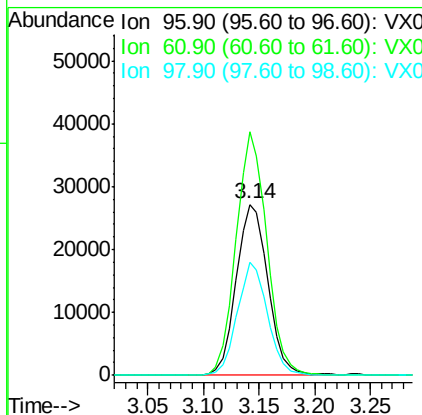
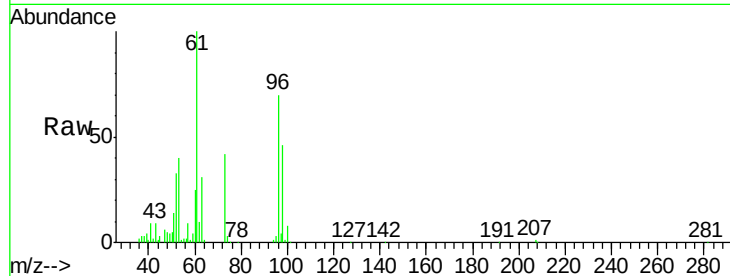
ClientSampleId :

VX0514WBSD02

Tot Ion:	96	Resp:	52903
Ion Ratio	Lower	Upper	
96	100		
61	142.6	111.2	166.8
98	65.9	50.2	75.4

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#22

Diisopropyl ether

Concen: 18.756 ug/l

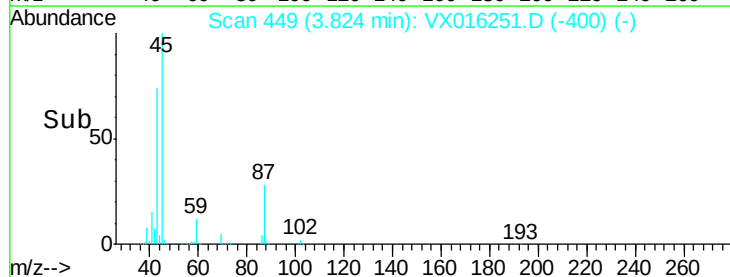
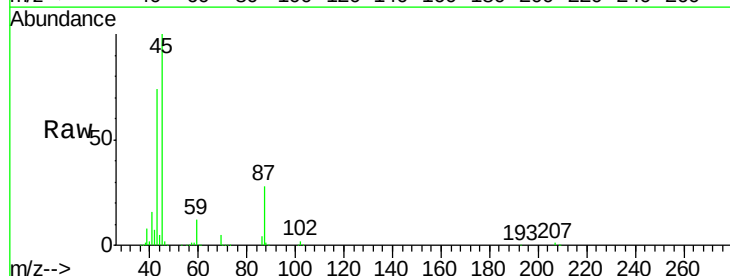
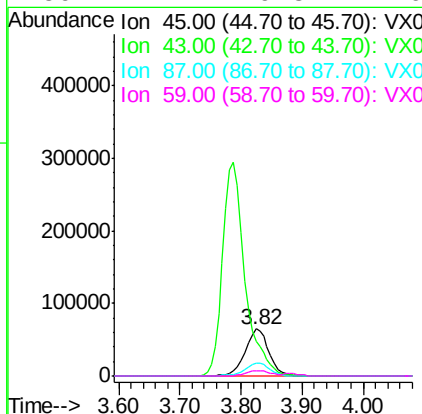
RT: 3.82 min Scan# 449

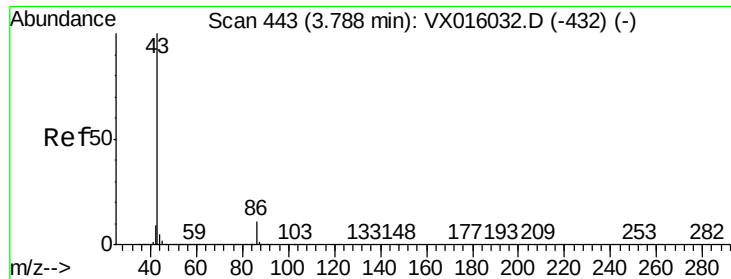
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	45	Resp:	174495
Ion Ratio	Lower	Upper	
45	100		
43	73.9	61.1	91.7
87	28.4	23.0	34.6
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 91.618 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 43 Resp: 749879

Ion Ratio Lower Upper

43 100

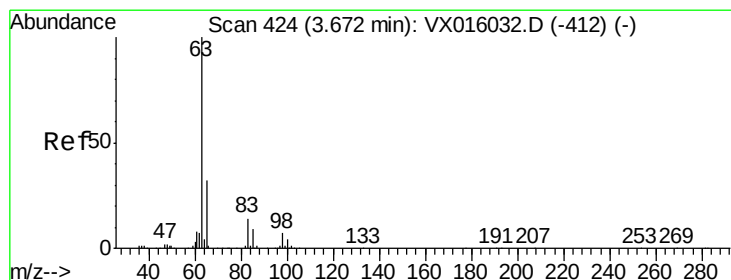
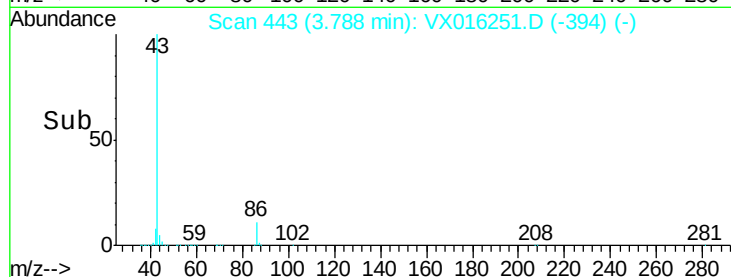
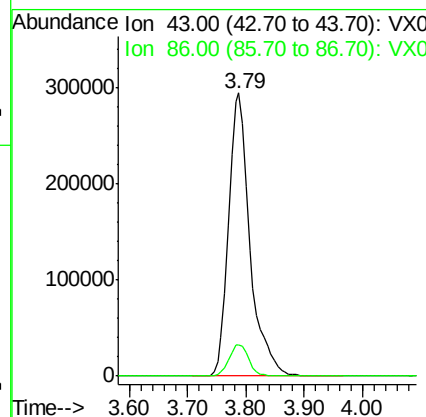
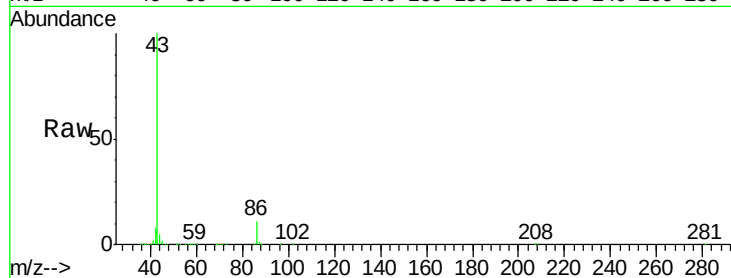
86 11.2 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.195 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

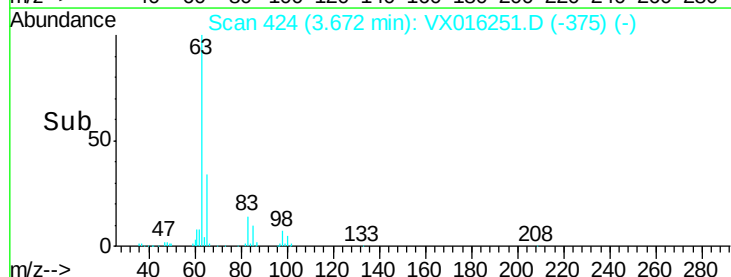
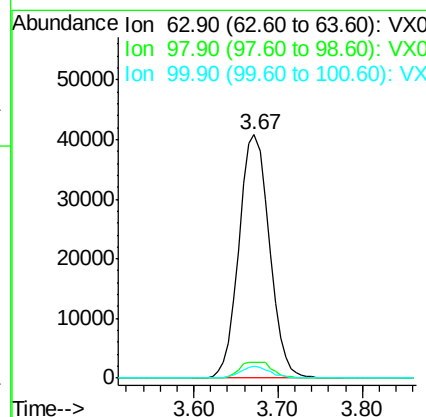
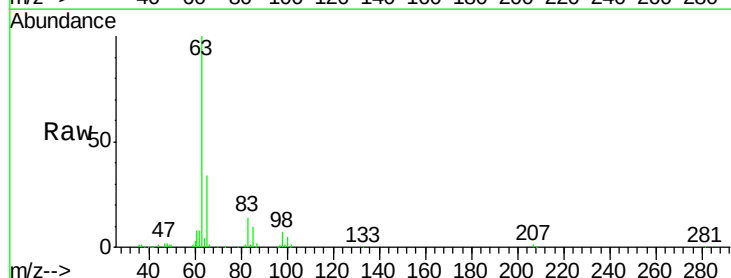
Tgt Ion: 63 Resp: 99893

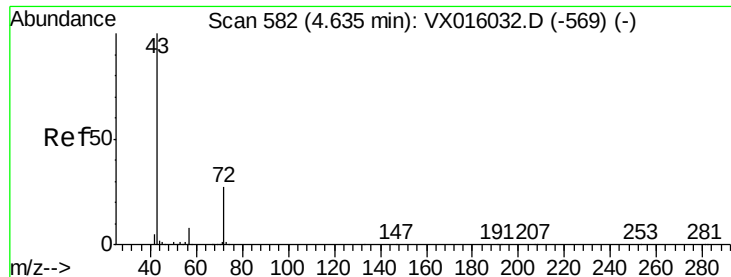
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 5.1 2.1 6.5





#25

2-Butanone

Concen: 95.140 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 43 Resp: 232891

Ion Ratio Lower Upper

43 100

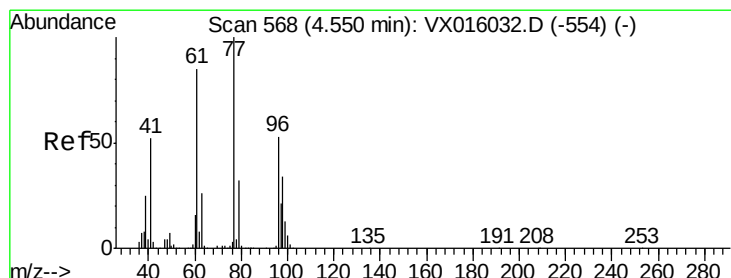
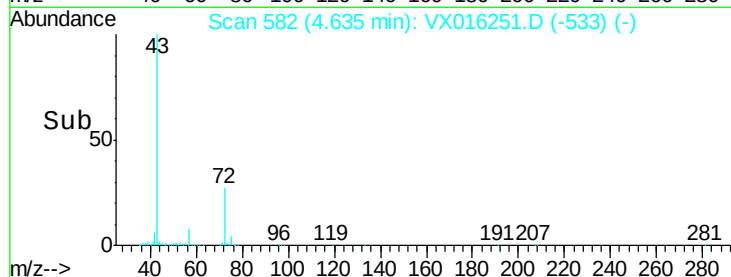
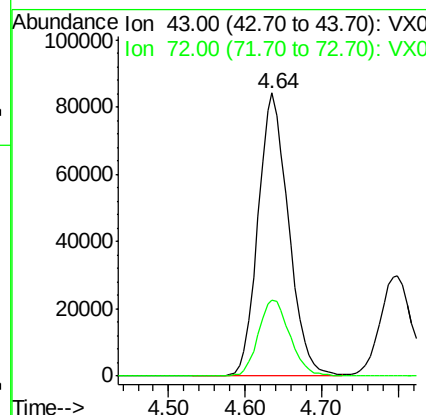
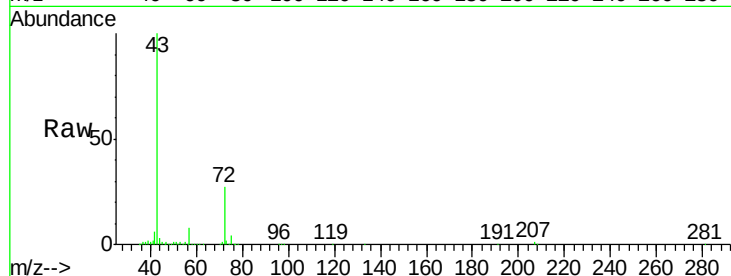
72 26.7 21.8 32.8

Manual Integrations

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5/15/2020 10:10:39 AM



#26

2,2-Dichloropropane

Concen: 14.766 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016251.D

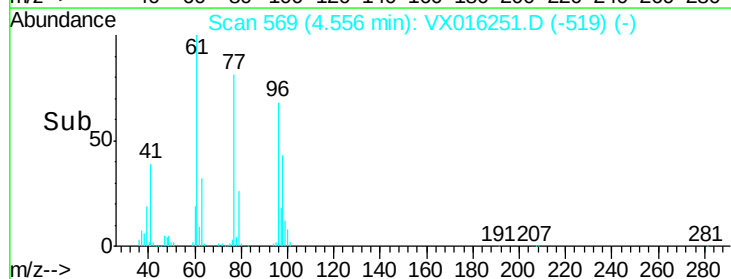
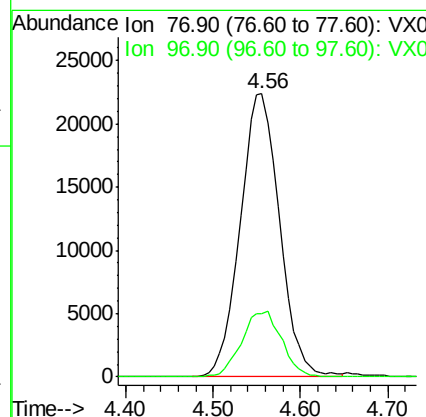
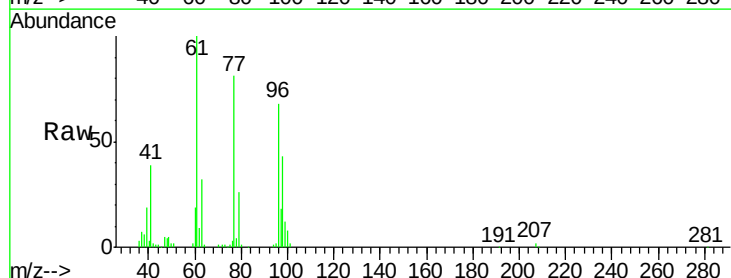
Acq: 14 May 2020 23:56

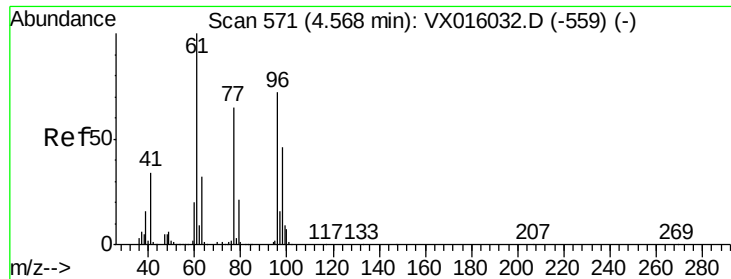
Tgt Ion: 77 Resp: 70179

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6





#27

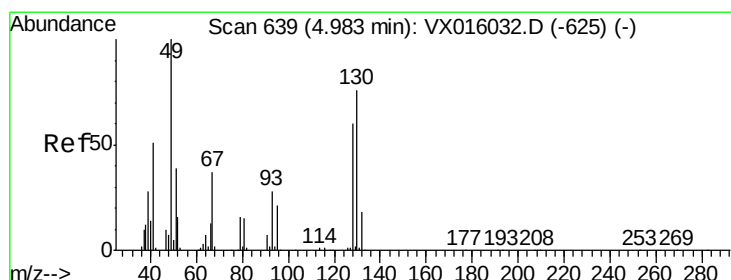
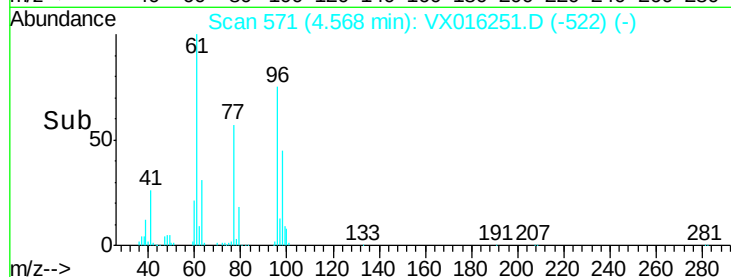
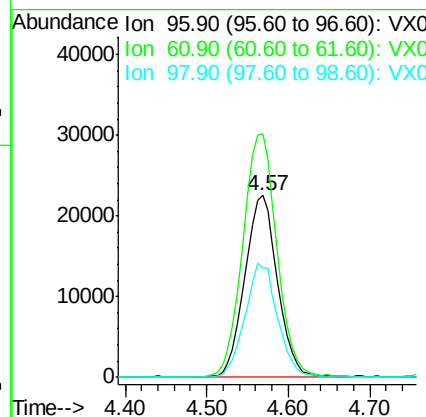
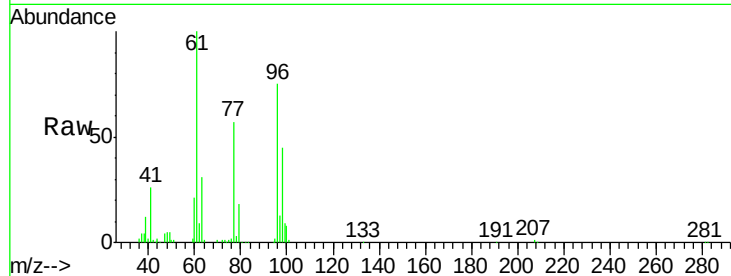
cis-1,2-Dichloroethene
Concen: 19.206 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	62931		
61	139.9	0.0	296.2	
98	62.4	0.0	129.4	

Manual Integrations
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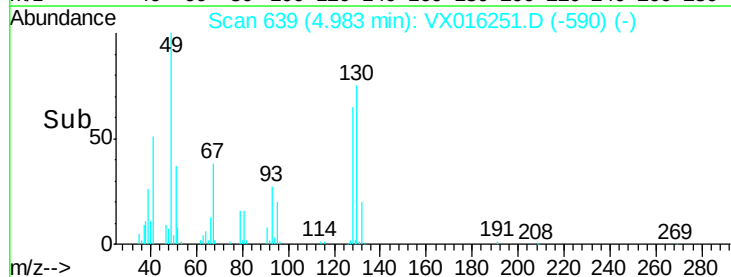
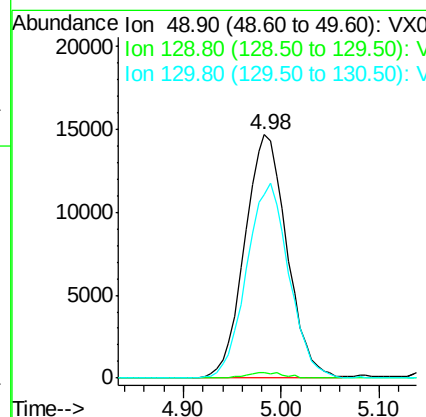
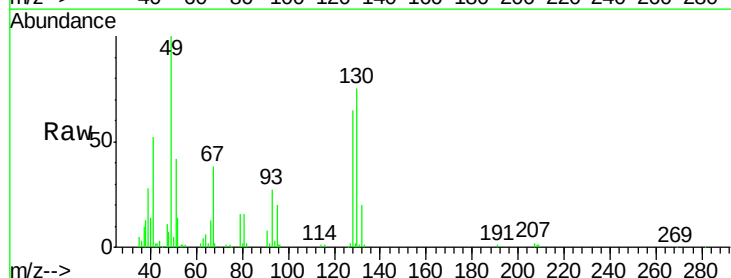
MMDadoda
5/15/2020 10:10:39 AM

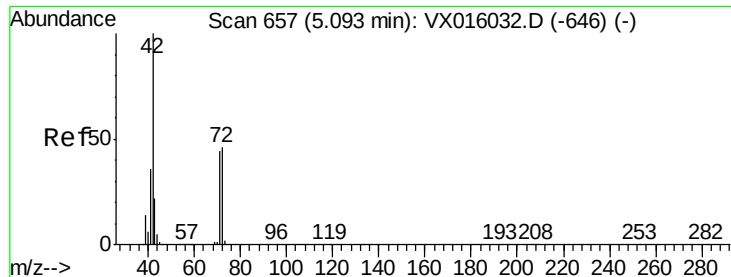


#28

Bromochloromethane
Concen: 18.549 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	44017		
129	2.1	0.0	4.0	
130	80.3	62.4	93.6	





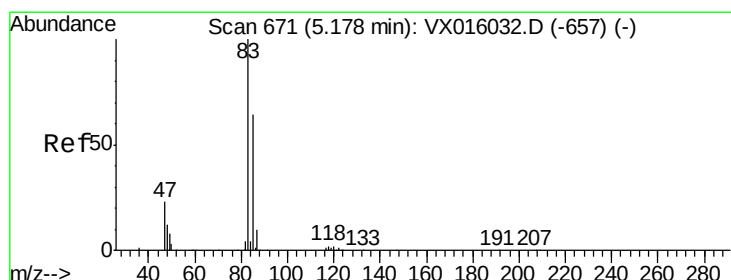
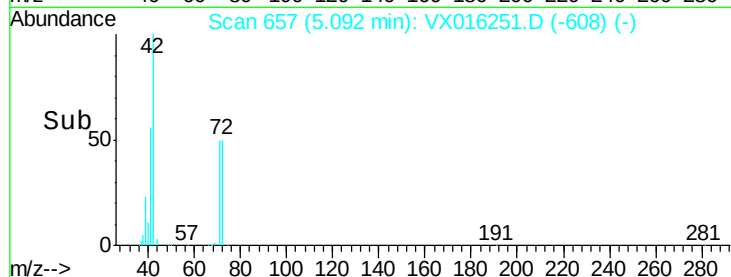
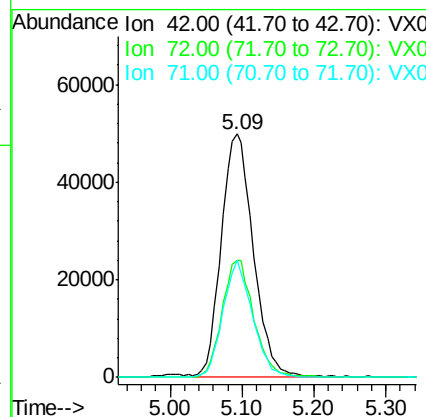
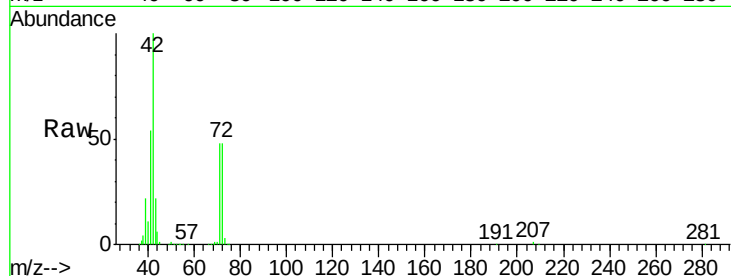
#29
Tetrahydrofuran
Concen: 94.607 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion:	42	Resp:	153450
Ion Ratio		Lower	Upper
42	100		
72	48.1	37.1	55.7
71	44.4	34.5	51.7

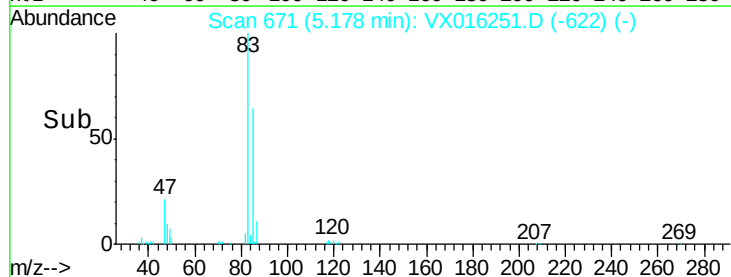
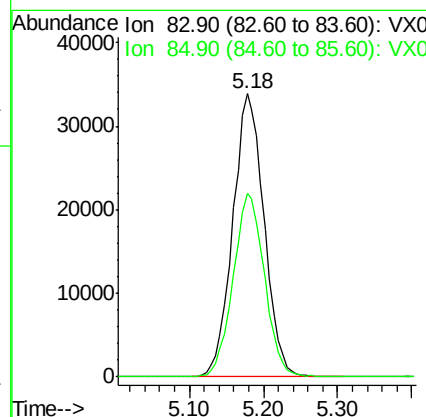
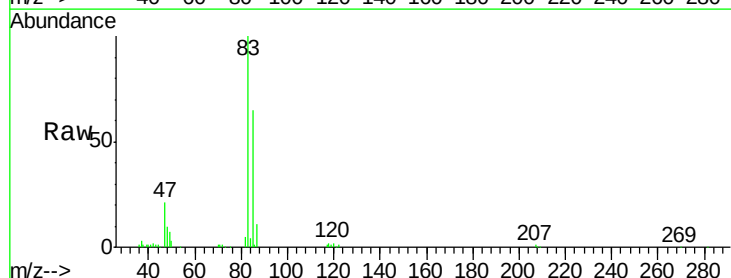
Manual Integrations
APPROVED

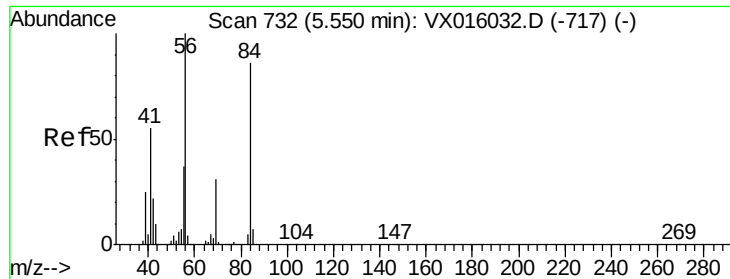
MMDadoda
5/15/2020 10:10:39 AM



#30
Chloroform
Concen: 19.257 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion:	83	Resp:	99783
Ion Ratio		Lower	Upper
83	100		
85	65.1	51.6	77.4





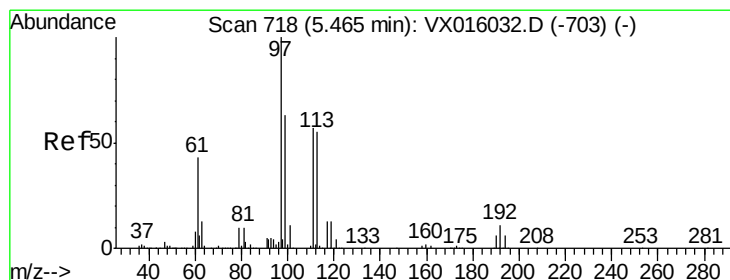
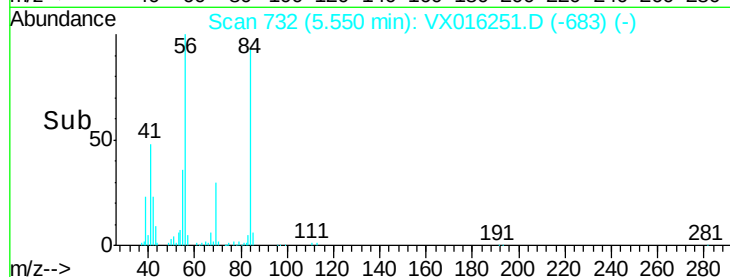
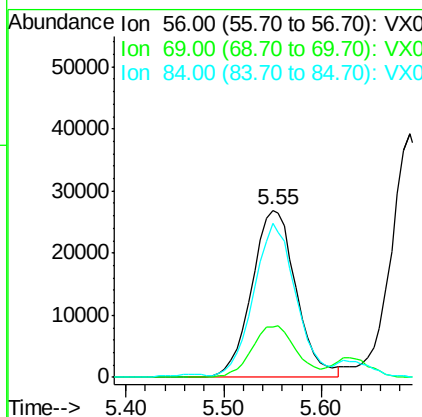
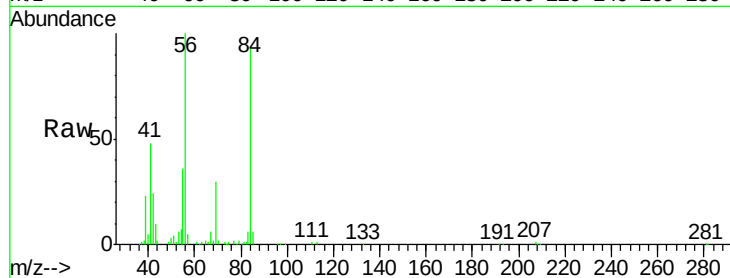
#31
Cyclohexane
Concen: 17.979 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.0	37.6
84	90.5	69.0	103.6

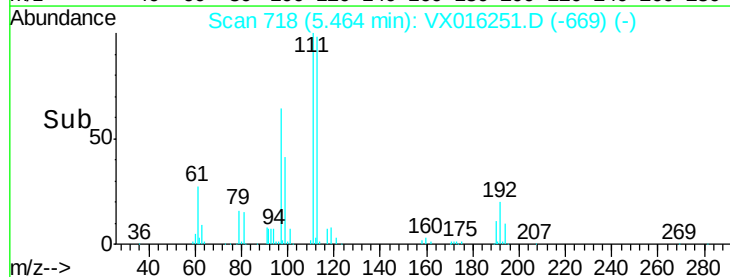
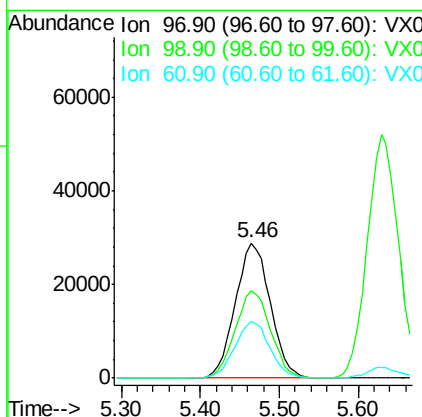
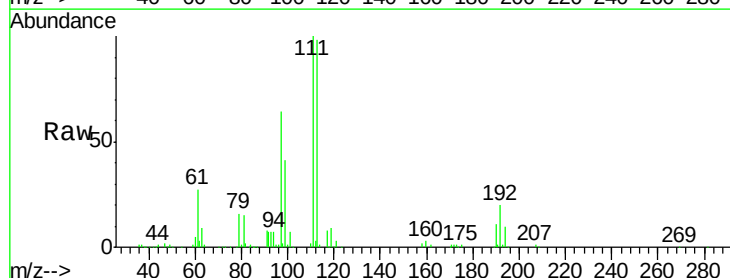
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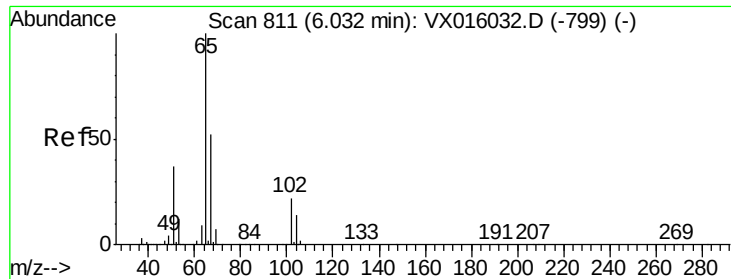
MMDadoda
5/15/2020 10:10:39 AM



#32
1,1,1-Trichloroethane
Concen: 18.898 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.4
61	42.0	34.5	51.7





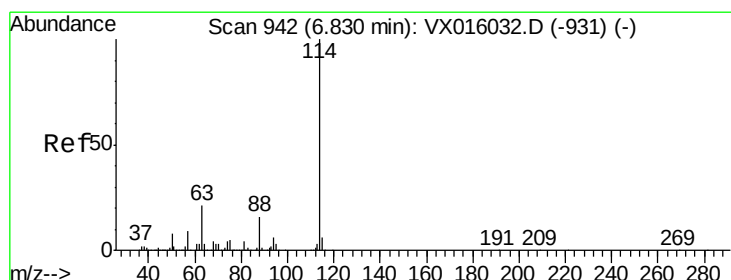
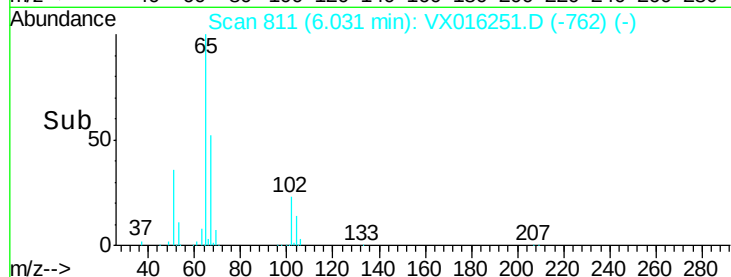
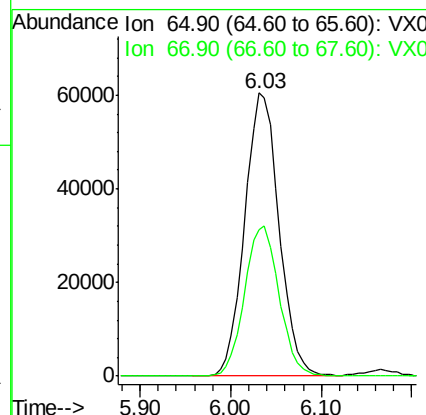
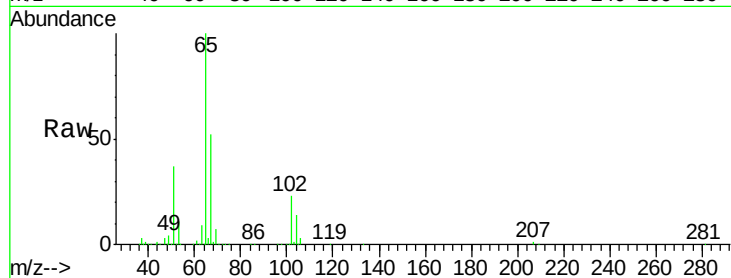
#33
 1,2-Dichloroethane-d4
 Concen: 46.583 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	104.8	

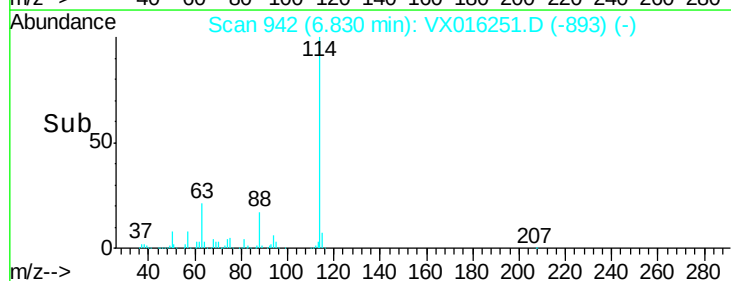
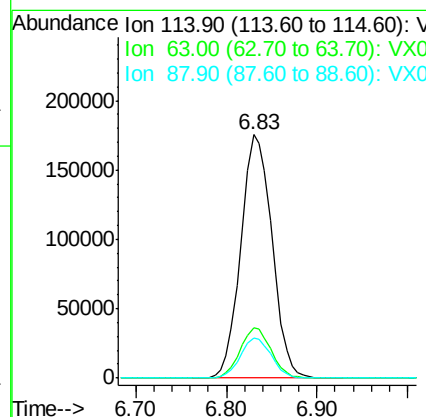
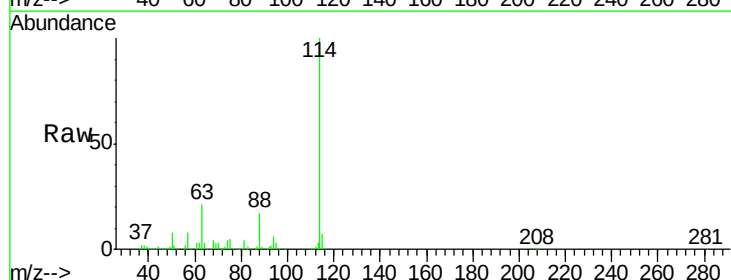
Manual Integrations
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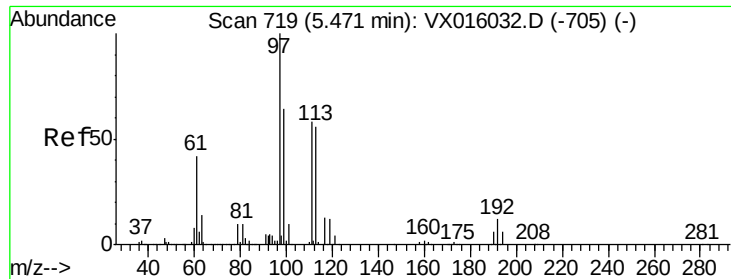
MMDadoda
 5/15/2020 10:10:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	42.8	
88	16.6	0.0	31.4	





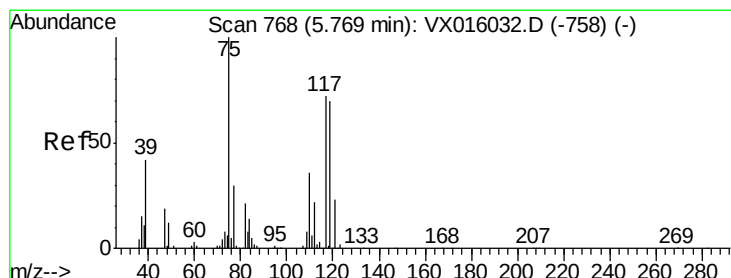
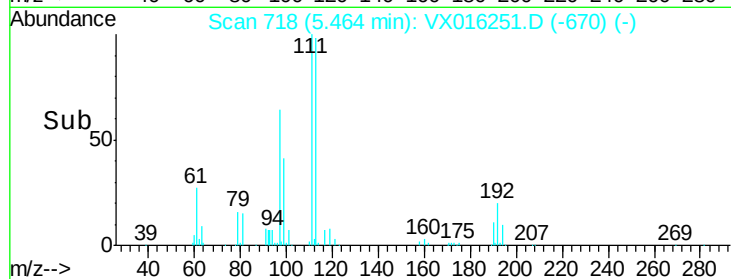
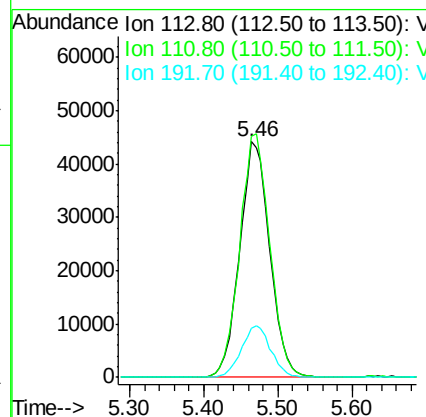
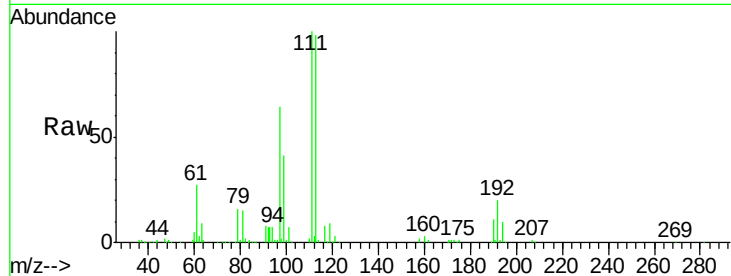
#35
Dibromofluoromethane
Concen: 47.223 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125405		
111	103.2	81.6	122.4	
192	21.5	17.0	25.4	

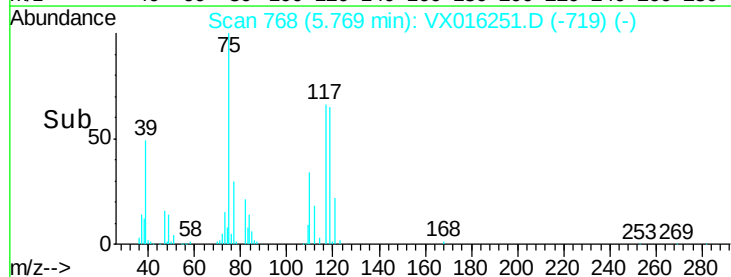
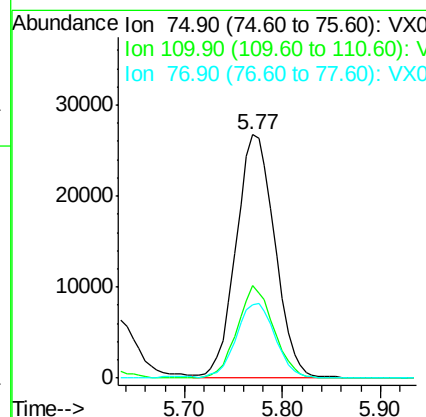
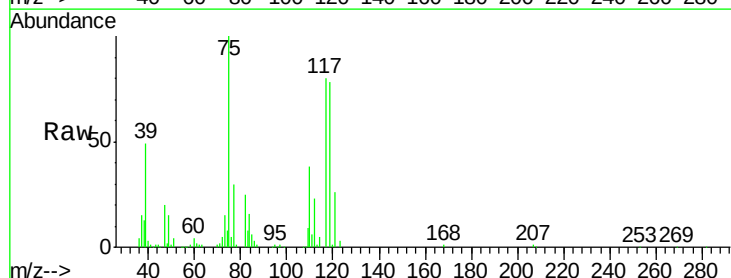
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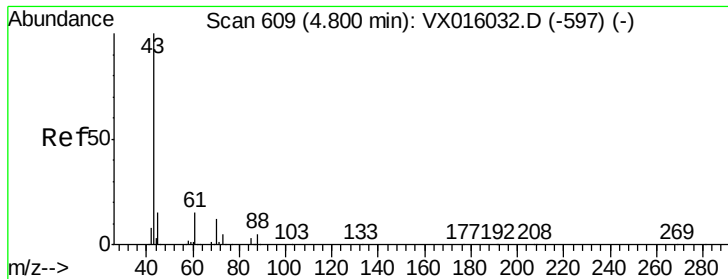
MMDadoda
5/15/2020 10:10:39 AM



#36
1,1-Dichloropropene
Concen: 17.861 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73694		
110	35.4	18.1	54.1	
77	30.8	25.0	37.6	





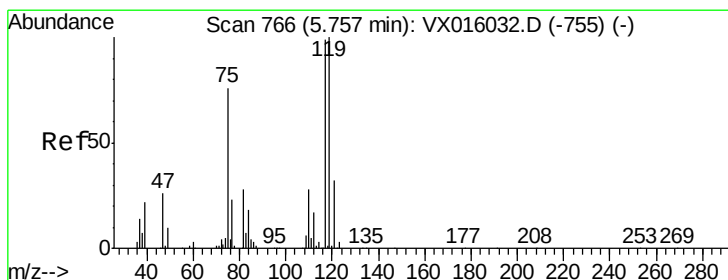
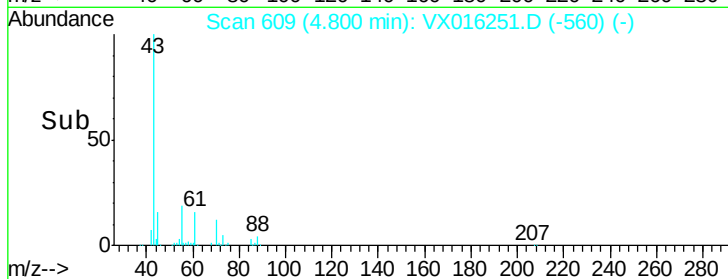
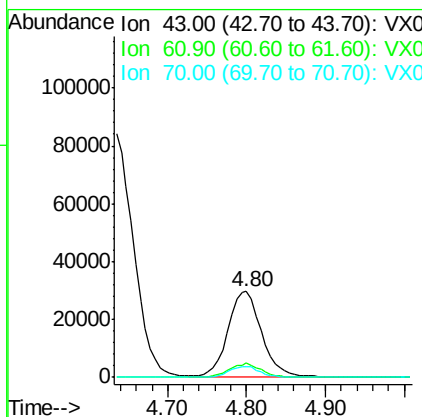
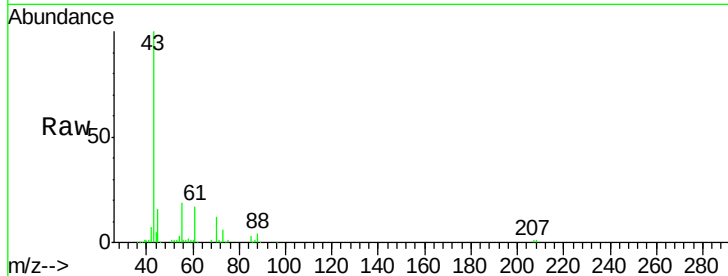
#37
Ethyl Acetate
Concen: 18.361 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.7	17.5
70	12.1	9.3	13.9

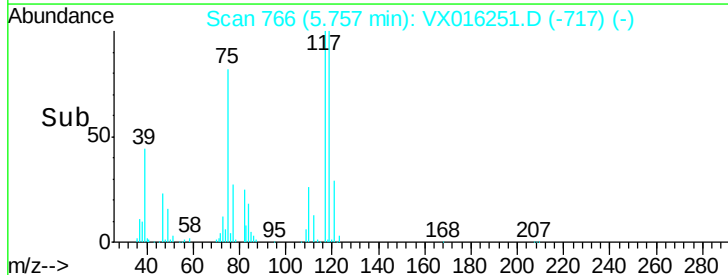
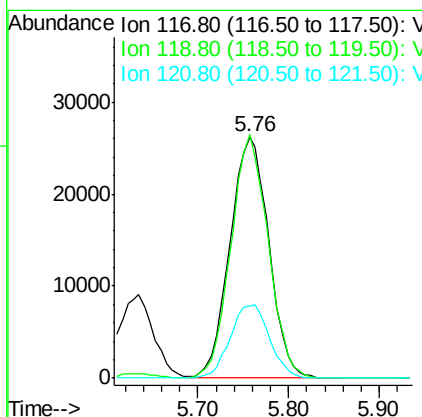
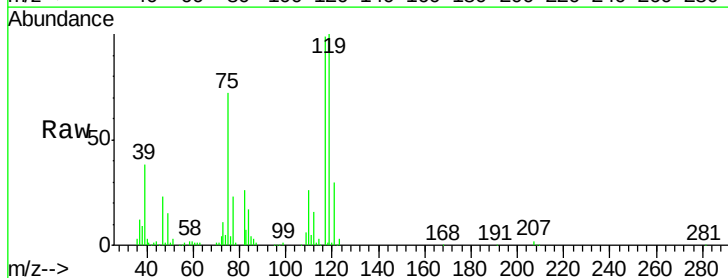
Manual Integrations
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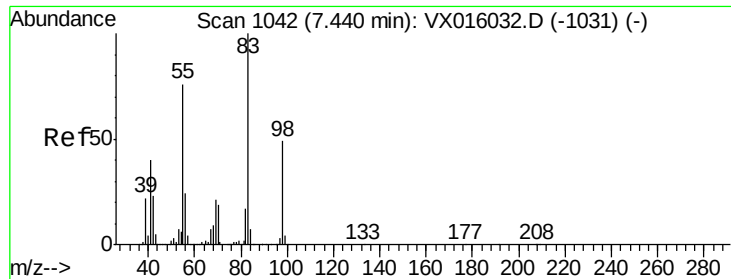
MMDadoda
5/15/2020 10:10:39 AM



#38
Carbon Tetrachloride
Concen: 18.572 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	80.3	120.5
121	29.8	25.7	38.5





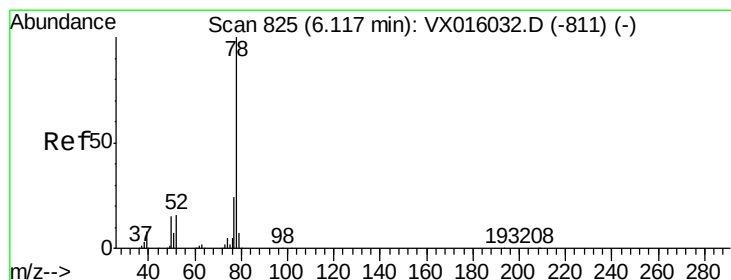
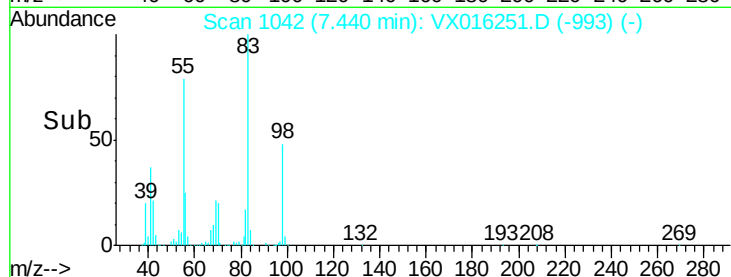
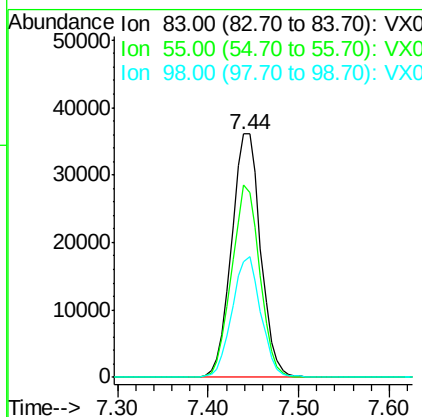
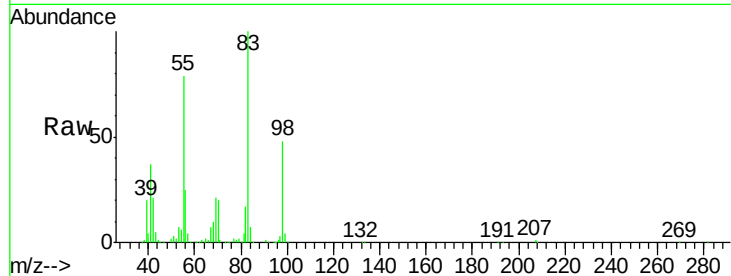
#39
Methylvlcyclohexane
Concen: 16.182 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.1	91.7
98	47.7	39.0	58.4

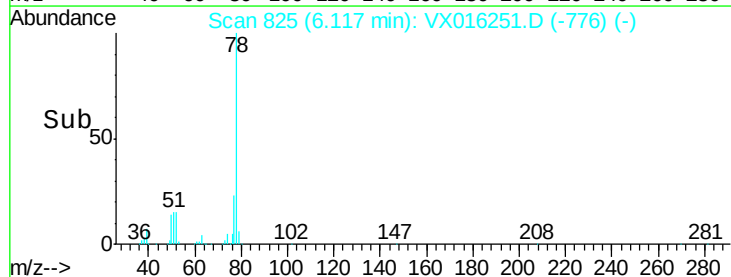
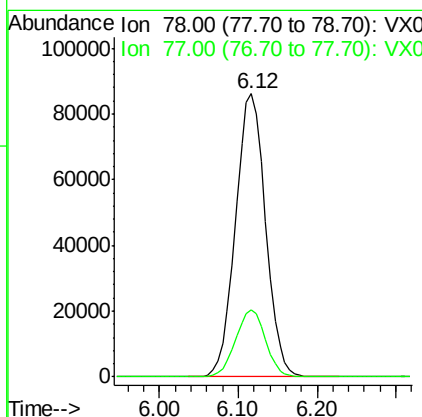
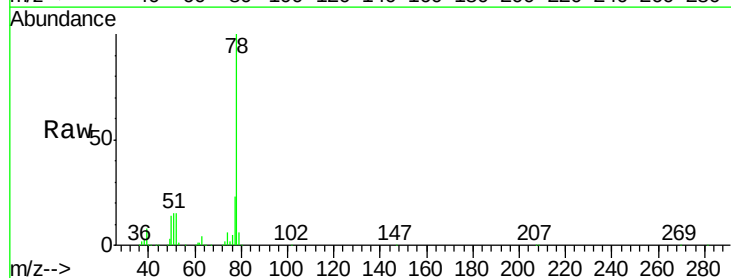
Manual Integrations
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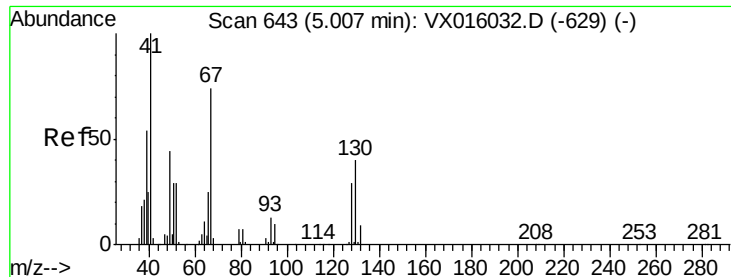
MMDadoda
5/15/2020 10:10:39 AM



#40
Benzene
Concen: 18.923 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





#41

Methacrylonitrile

Concen: 18.199 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

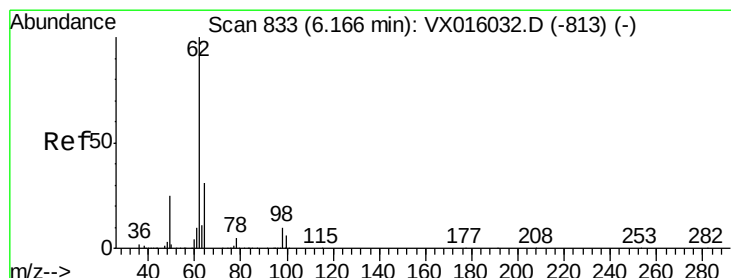
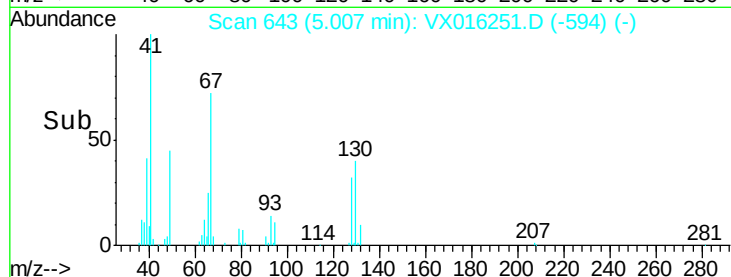
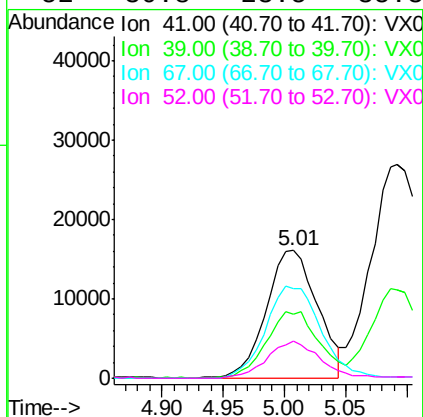
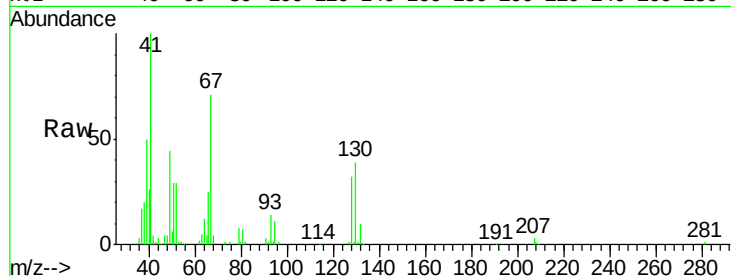
ClientSampleId :

VX0514WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	43.2	64.8	
67	78.3	59.3	88.9	
52	30.8	23.5	35.3	

Manual Integrations
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5/15/2020 10:10:39 AM



#42

1,2-Dichloroethane

Concen: 18.399 ug/l

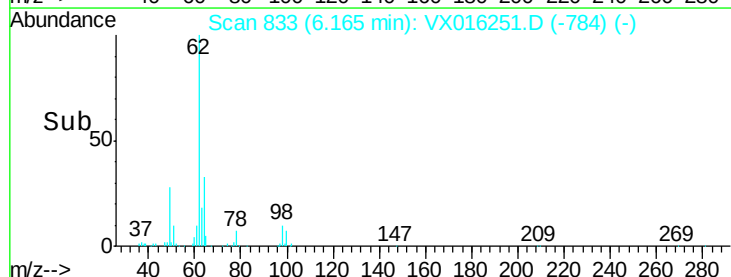
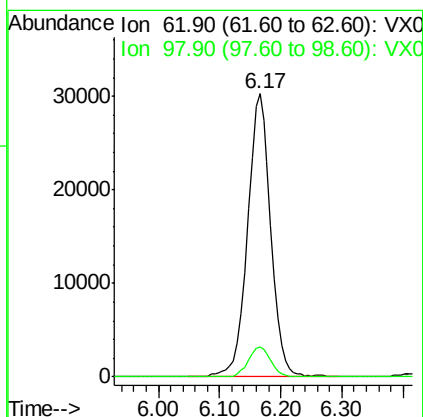
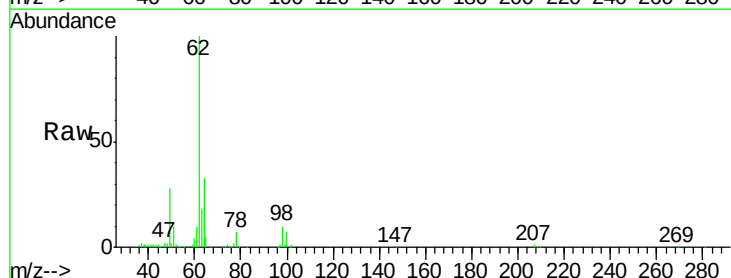
RT: 6.17 min Scan# 833

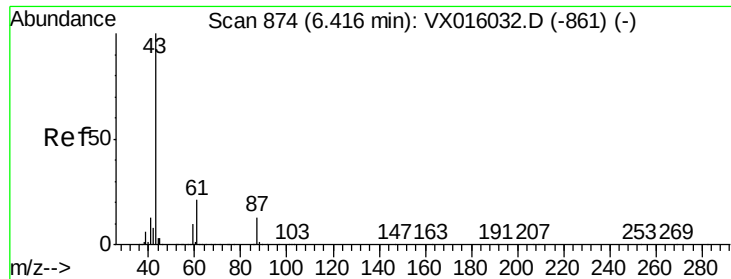
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.4	





#43

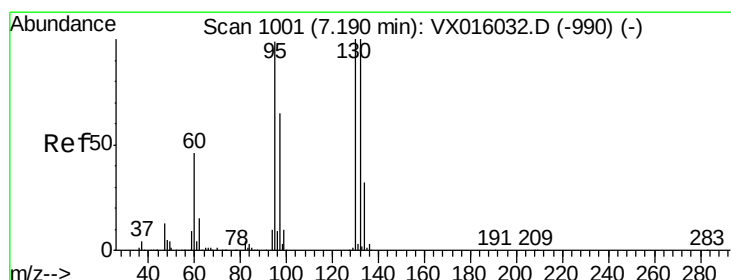
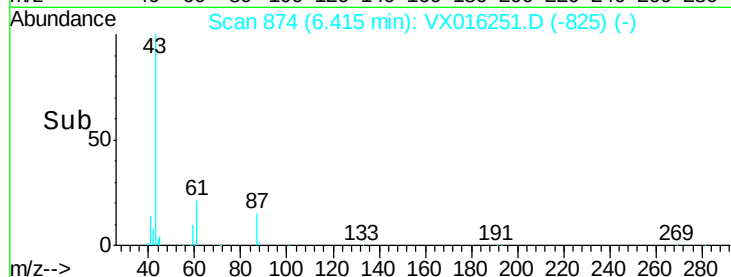
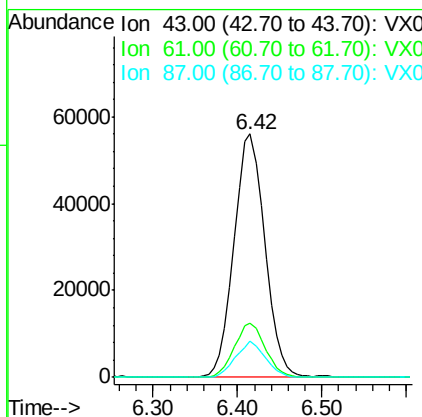
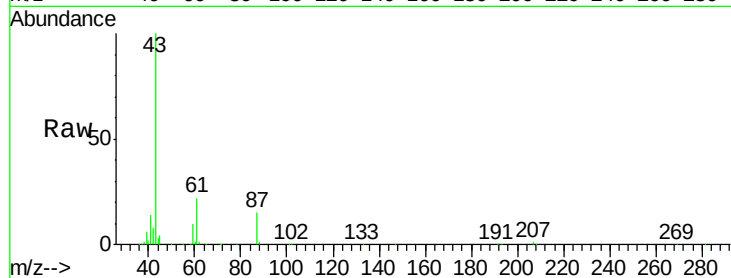
Isopropyl Acetate
 Concen: 18.167 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.0	25.4
87	14.2	11.0	16.6

Manual Integrations
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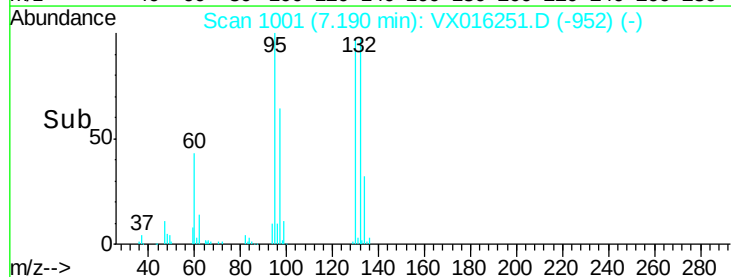
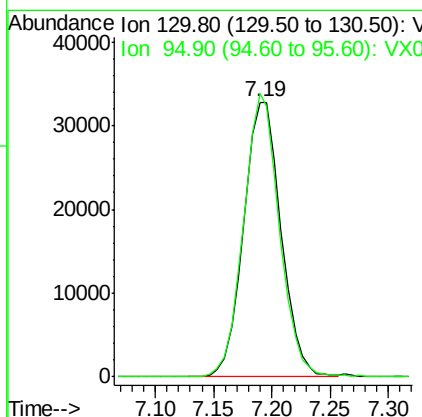
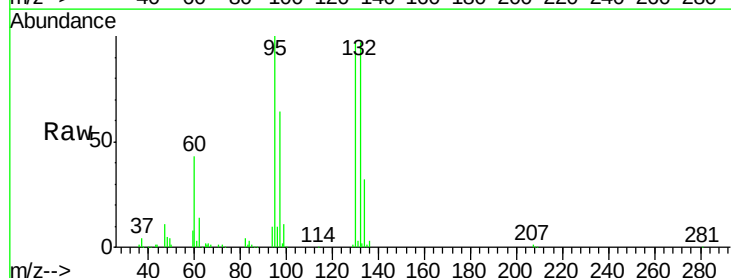
MMDadoda
 5/15/2020 10:10:39 AM

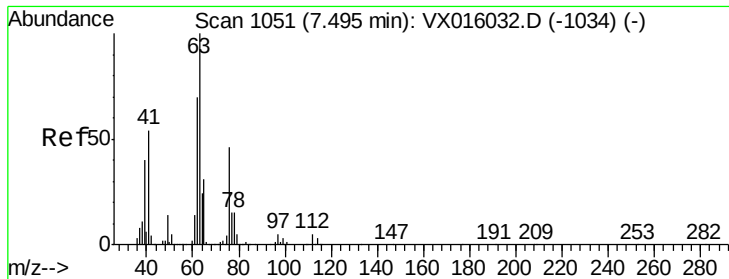


#44

Trichloroethene
 Concen: 17.114 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	197.4





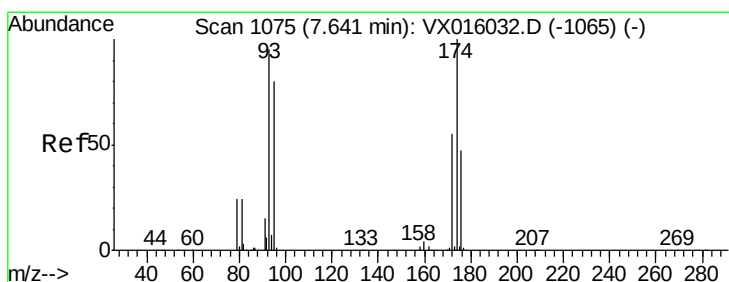
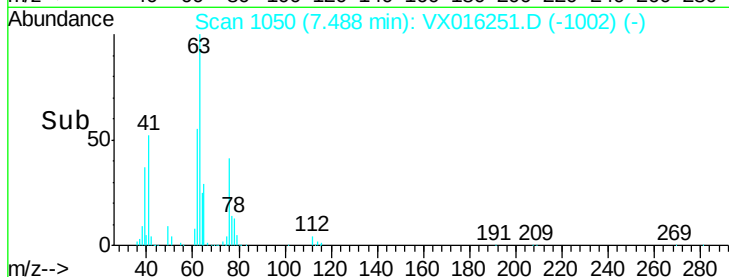
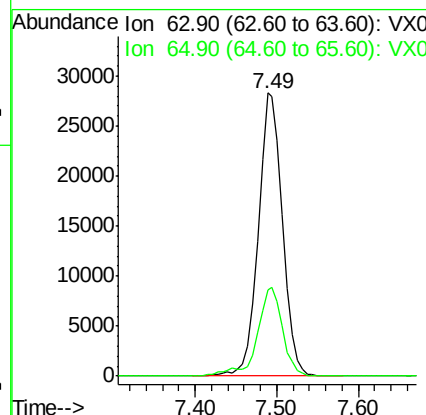
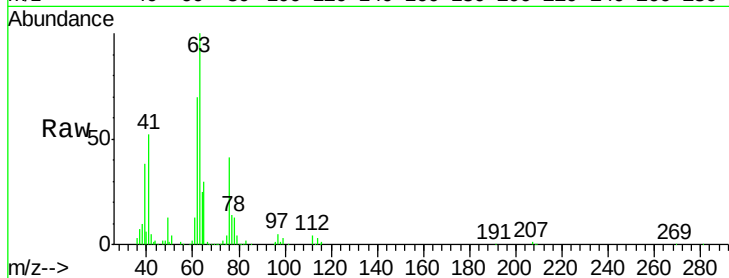
#45
 1,2-Dichloropropane
 Concen: 19.258 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.4	36.6

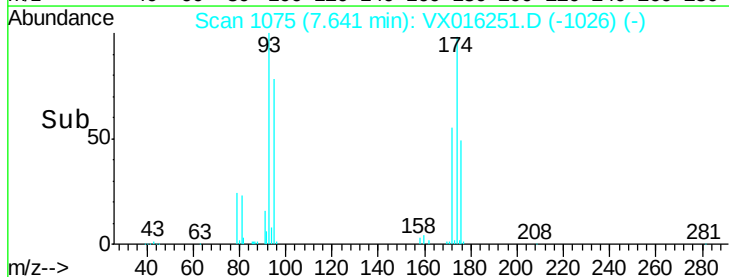
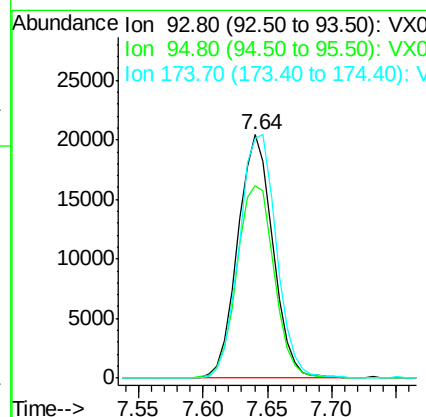
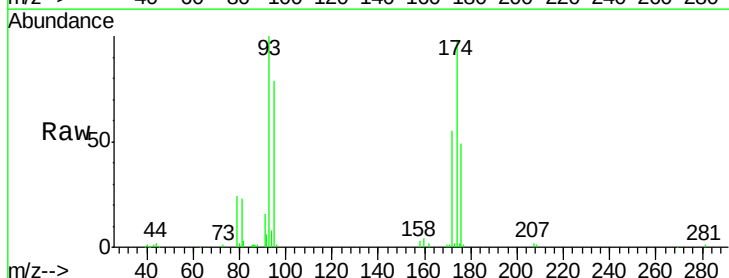
Manual Integrations
 APPROVED

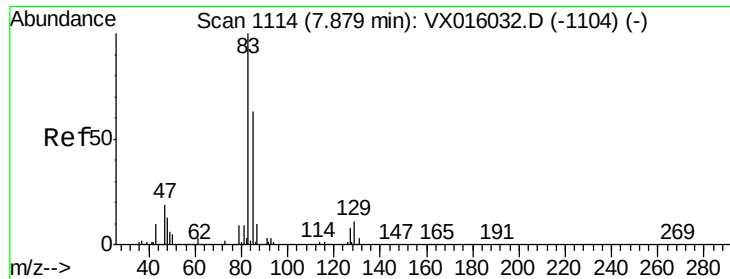
MMDadoda
 5/15/2020 10:10:39 AM



#46
 Dibromomethane
 Concen: 18.631 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.6	100.0
174	105.3	84.2	126.4





#47

Bromodichloromethane

Concen: 19.058 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

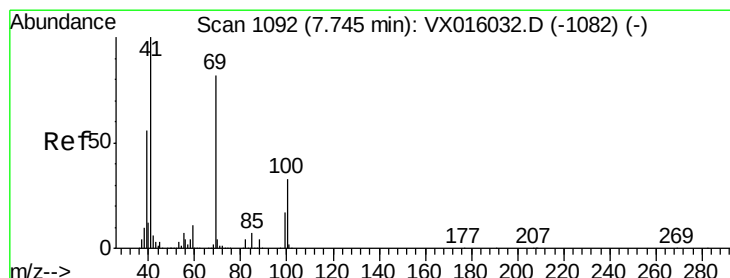
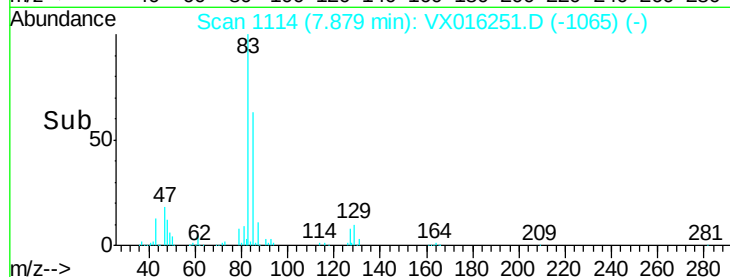
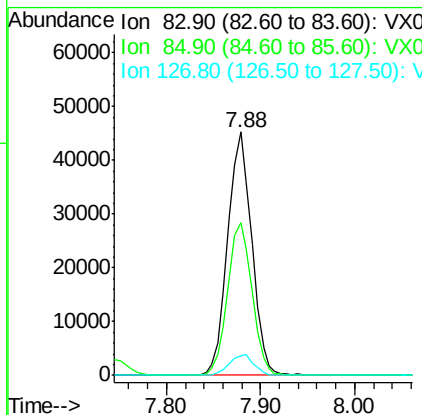
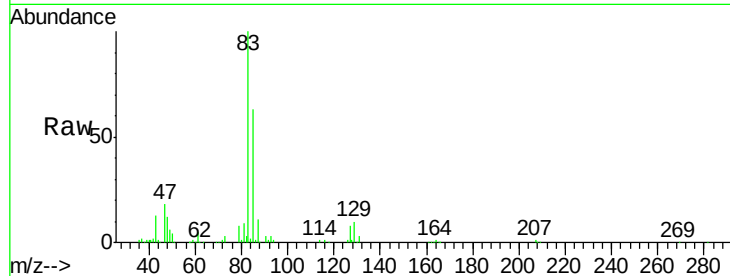
ClientSampleId :

VX0514WBSD02

Tot Ion:	83	Resp:	80579
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.5	75.7
127	8.2	6.7	10.1

Manual Integrations
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MMDadoda
5/15/2020 10:10:39 AM



#48

Methyl methacrylate

Concen: 17.940 ug/l

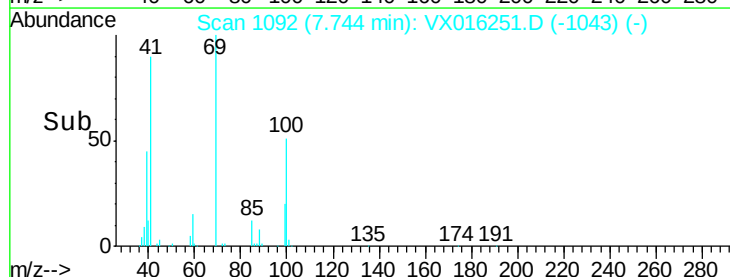
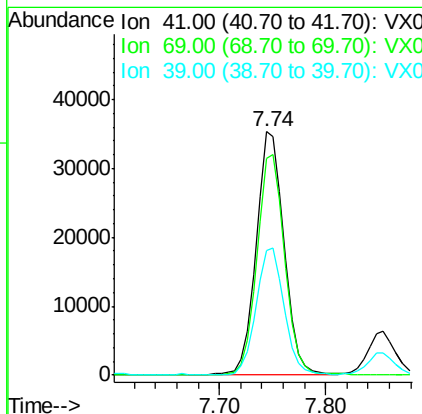
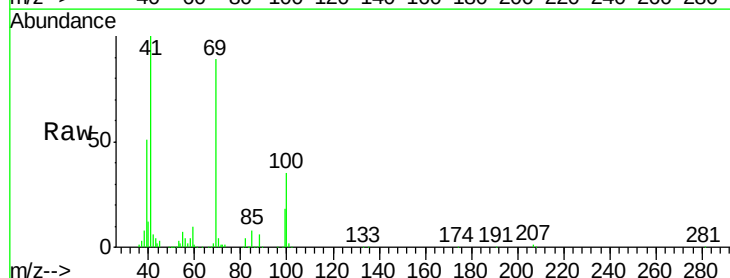
RT: 7.74 min Scan# 1092

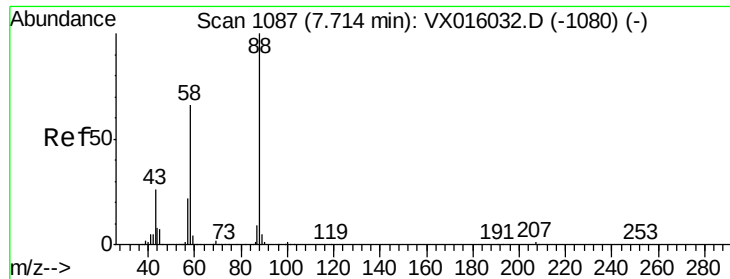
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	41	Resp:	64863
Ion	Ratio	Lower	Upper
41	100		
69	90.3	67.8	101.6
39	53.0	44.6	67.0





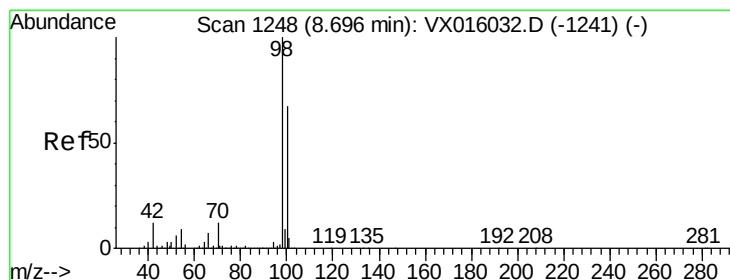
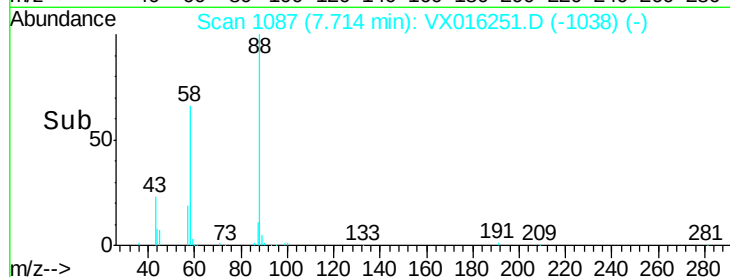
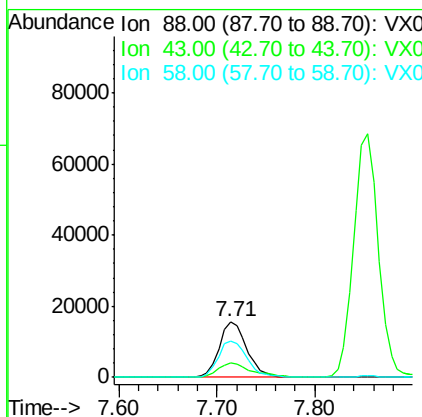
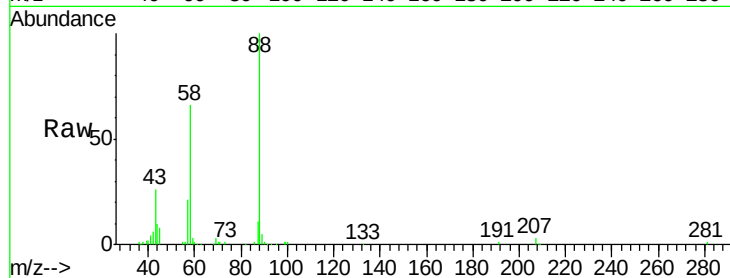
#49
1,4-Dioxane
Concen: 354.514 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	25.3	37.9
58	68.9	55.9	83.9

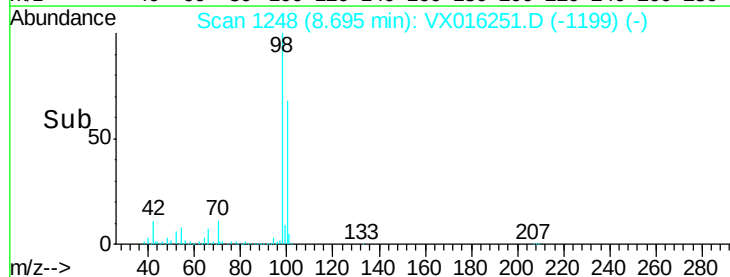
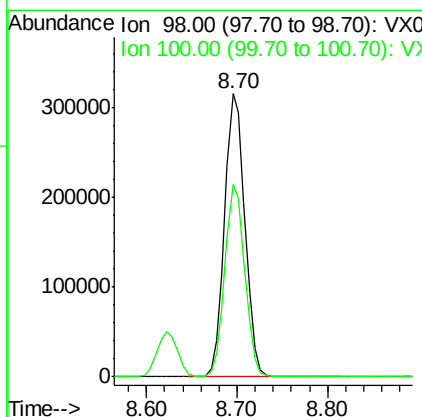
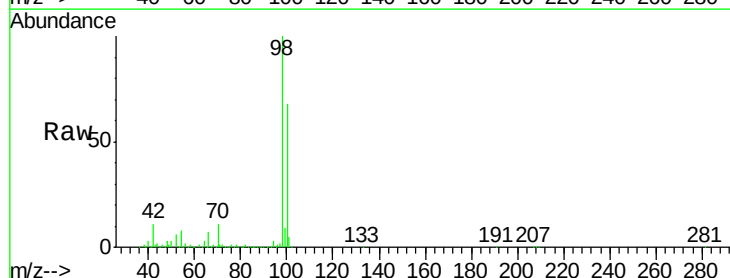
Manual Integrations
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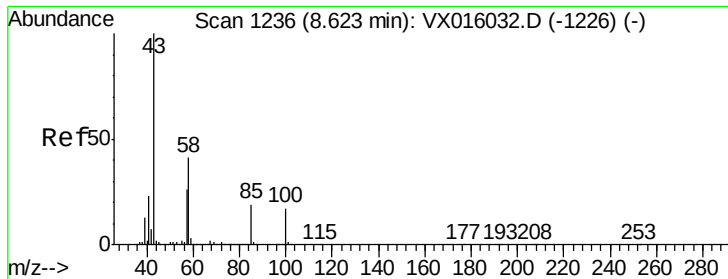
MMDadoda
5/15/2020 10:10:39 AM



#50
Toluene-d8
Concen: 48.082 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.7	80.5





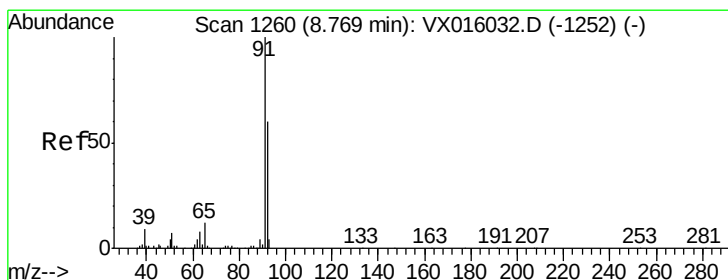
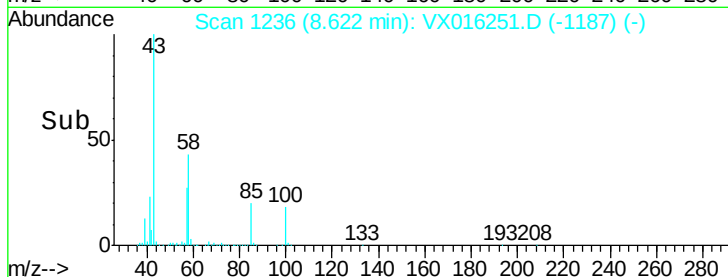
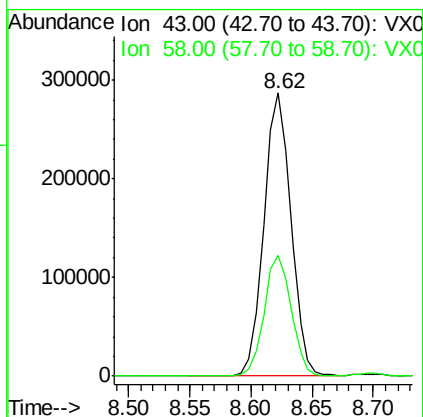
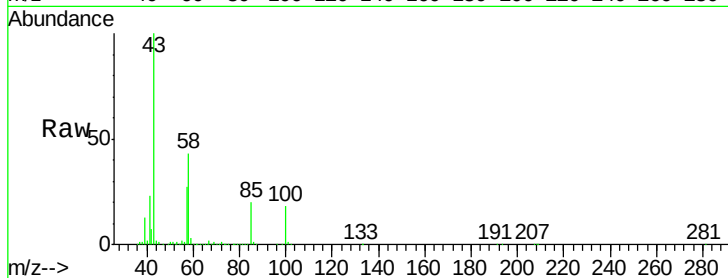
#51
4-Methyl-2-Pentanone
Concen: 94.801 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.7	33.0	49.4

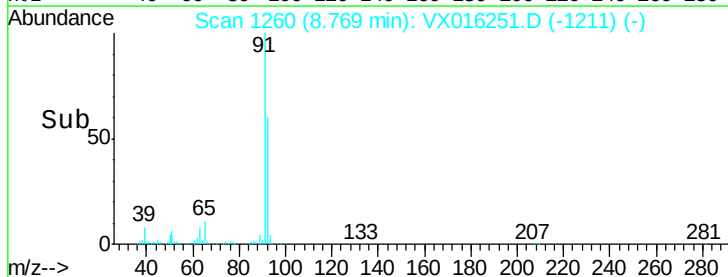
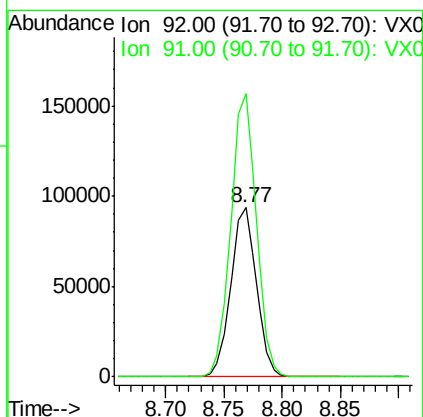
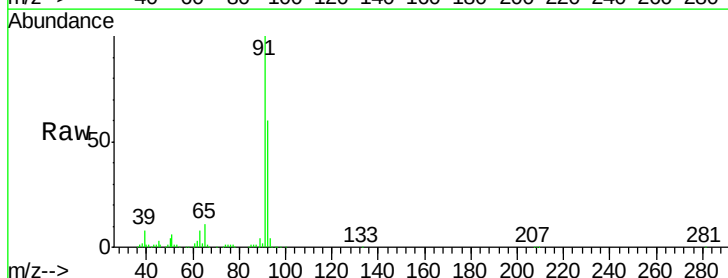
Manual Integrations
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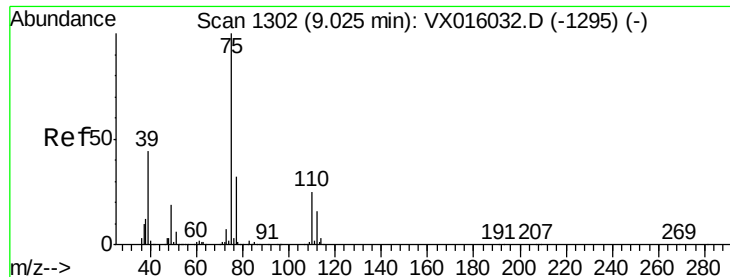
MMDadoda
5/15/2020 10:10:39 AM



#52
Toluene
Concen: 19.131 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.8	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 17.899 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 75 Resp: 90232

Ion Ratio Lower Upper

75 100

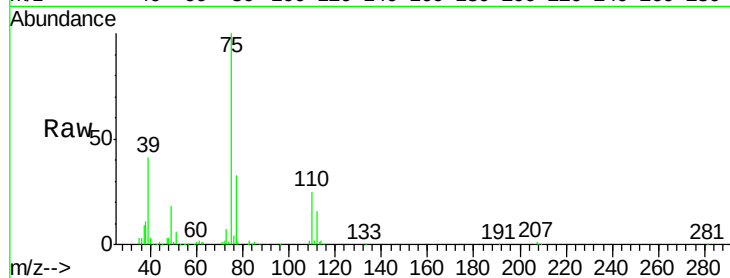
77 32.7 25.7 38.5

Manual Integrations

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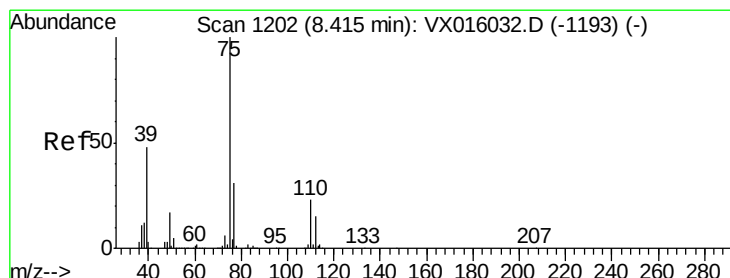
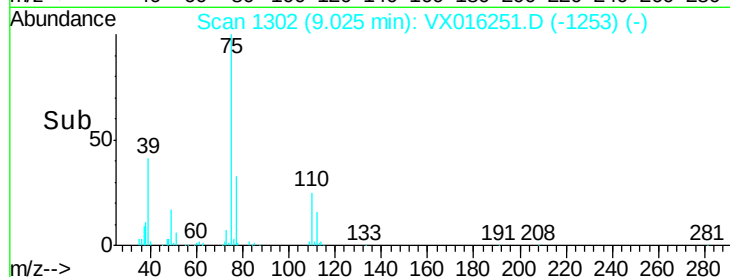
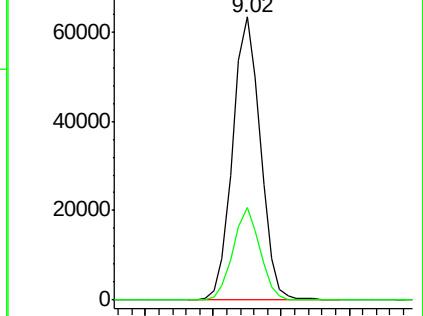
MMDadoda

5/15/2020 10:10:39 AM



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: 18.285 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

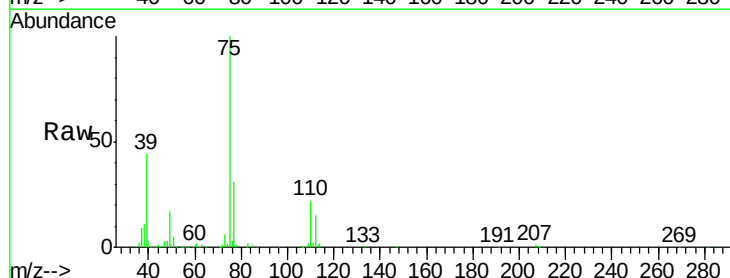
Tgt Ion: 75 Resp: 96277

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

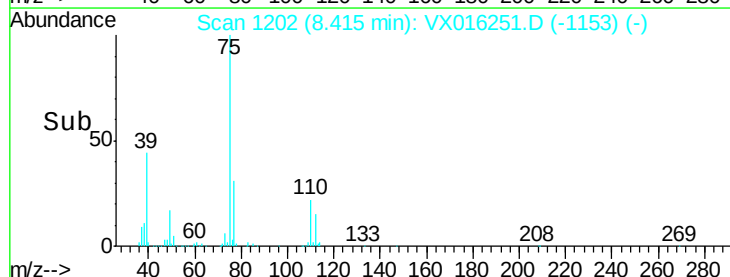
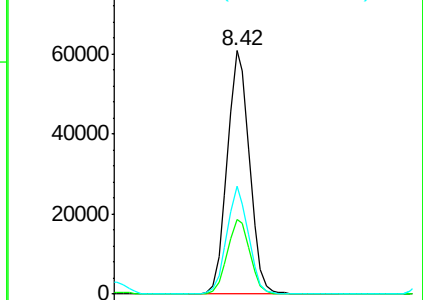
39 44.0 38.7 58.1

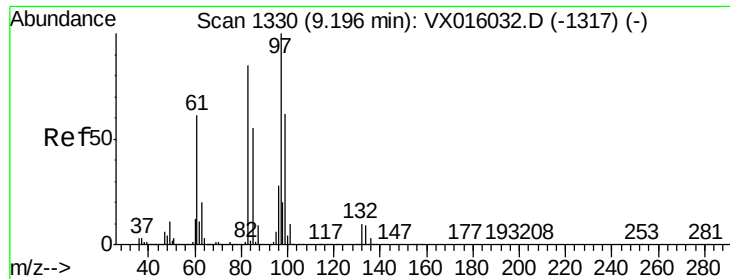


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.560 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

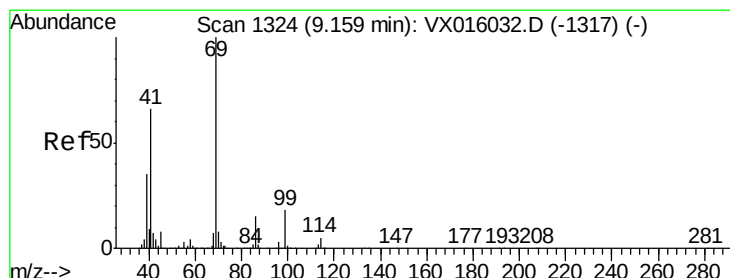
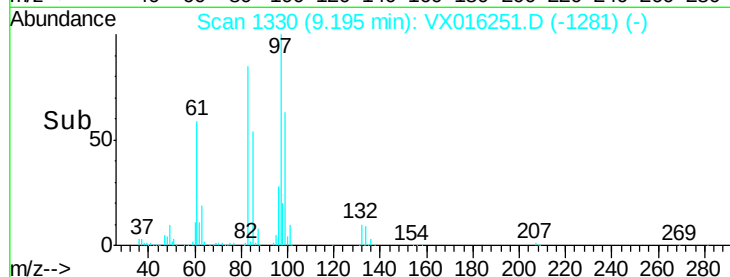
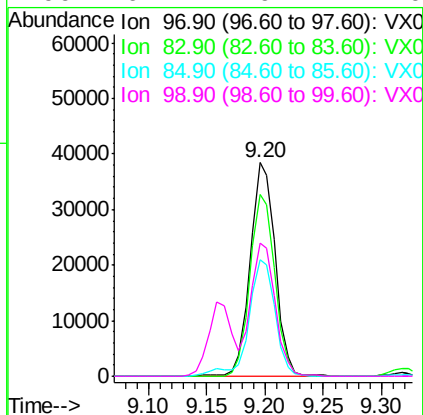
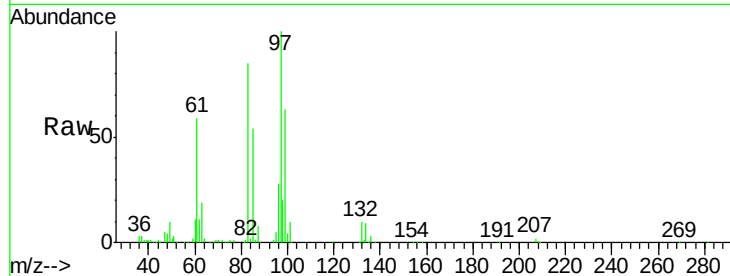
ClientSampleId :

VX0514WBSD02

Tot Ion:	97	Resp:	57909
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.8	101.8
85	54.3	43.8	65.8
99	62.4	49.4	74.0

Manual Integrations
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5/15/2020 10:10:39 AM



#56

Ethyl methacrylate

Concen: 19.083 ug/l

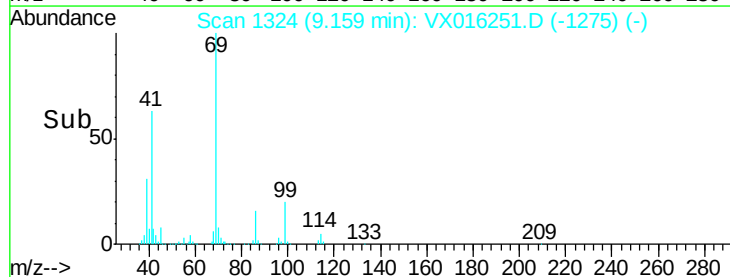
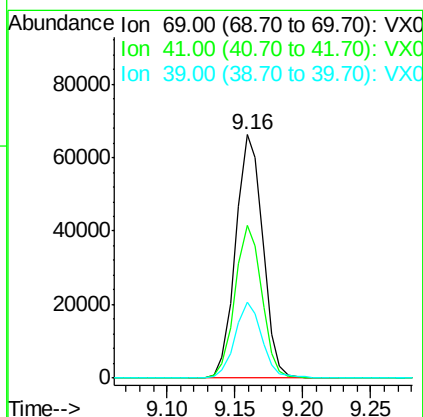
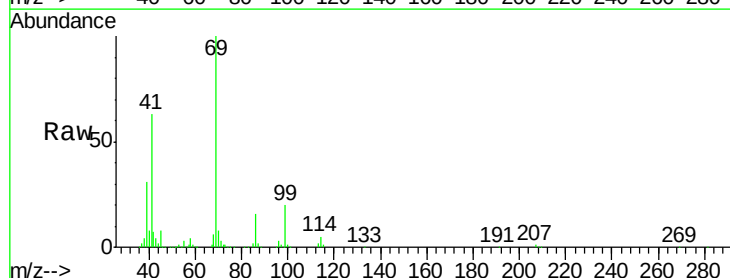
RT: 9.16 min Scan# 1324

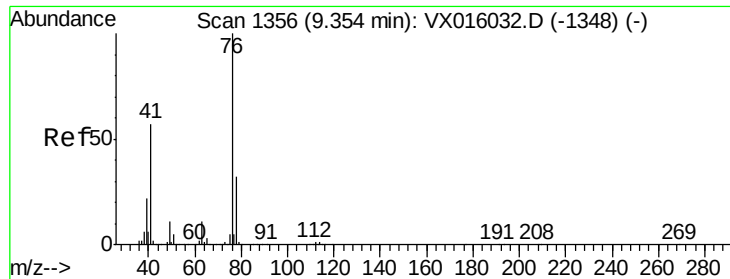
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	69	Resp:	92222
Ion	Ratio	Lower	Upper
69	100		
41	62.1	52.2	78.4
39	31.2	28.2	42.4





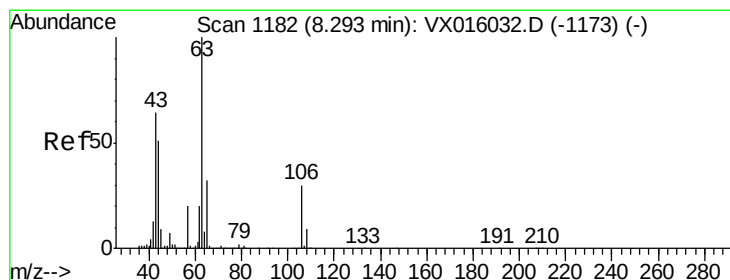
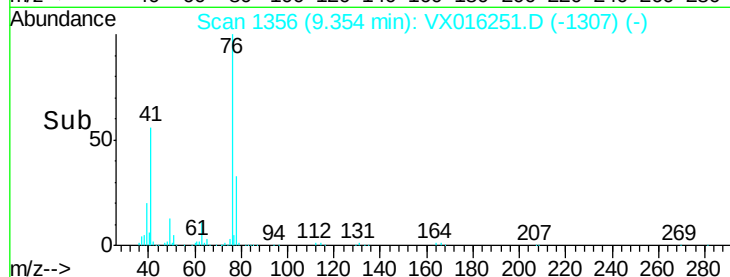
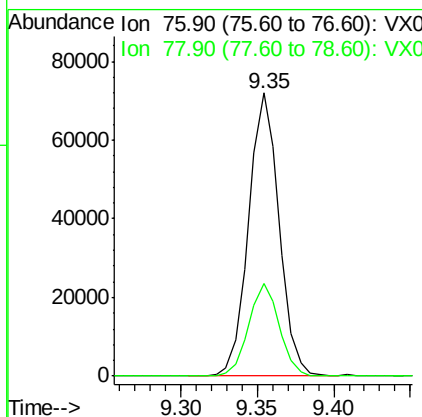
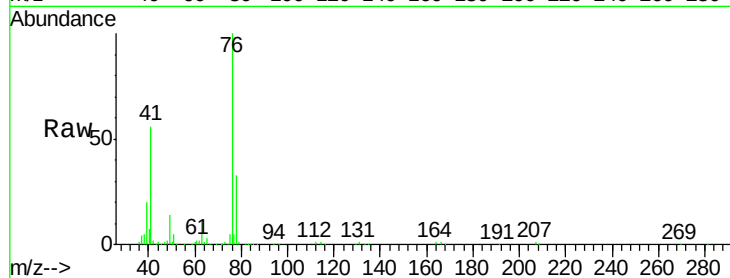
#57
 1,3-Dichloropropane
 Concen: 19.280 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.9	38.9

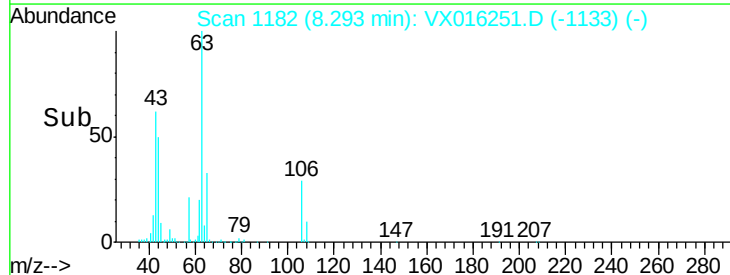
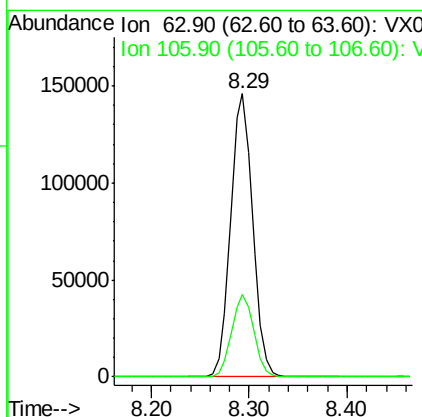
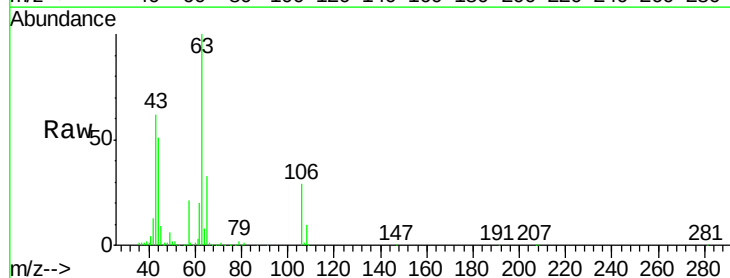
Manual Integrations
 APPROVED

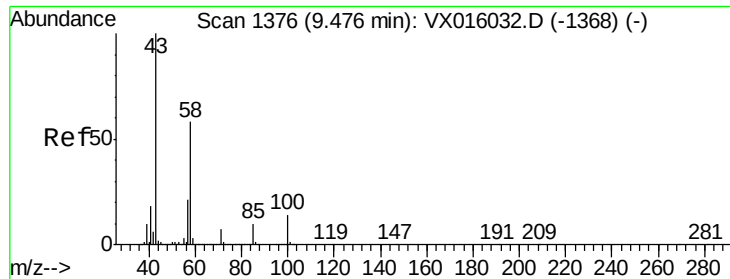
MMDadoda
 5/15/2020 10:10:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.984 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.4	35.2





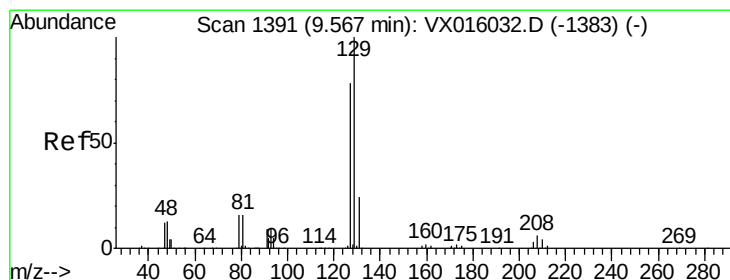
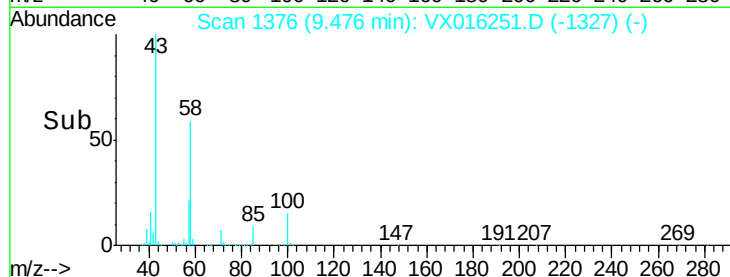
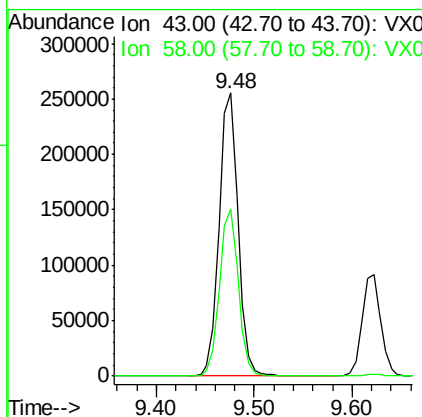
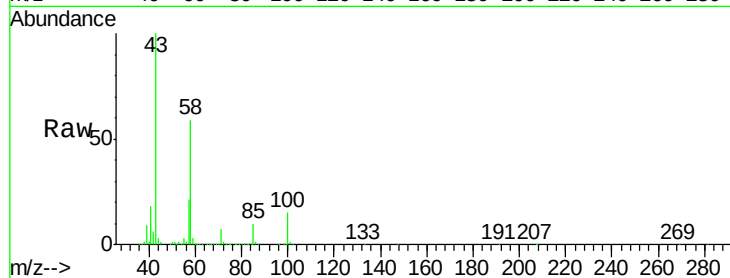
#59
2-Hexanone
Concen: 93.766 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.9	28.6	85.9

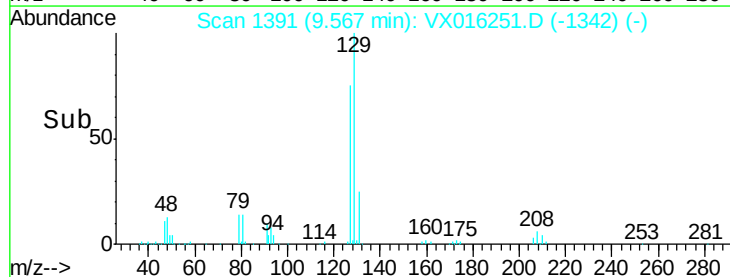
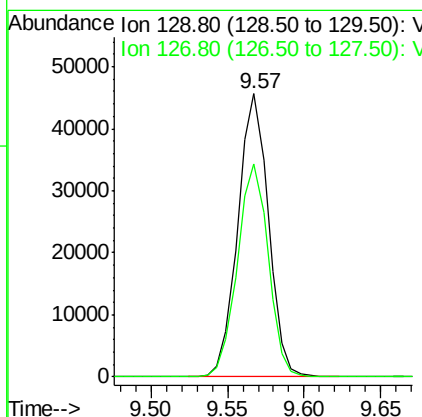
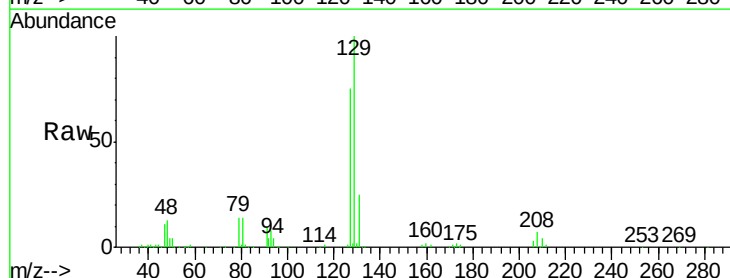
Manual Integrations
APPROVED

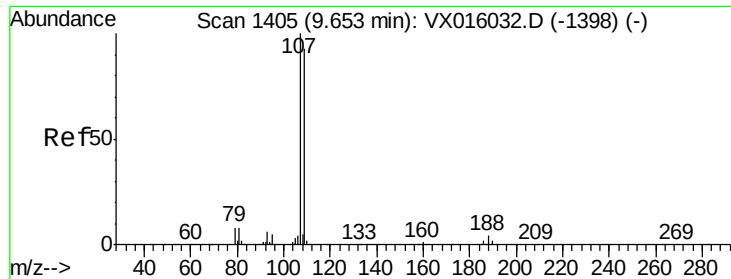
MMDadoda
5/15/2020 10:10:39 AM



#60
Dibromochloromethane
Concen: 19.428 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 19.411 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion:107 Resp: 62248

Ion Ratio Lower Upper

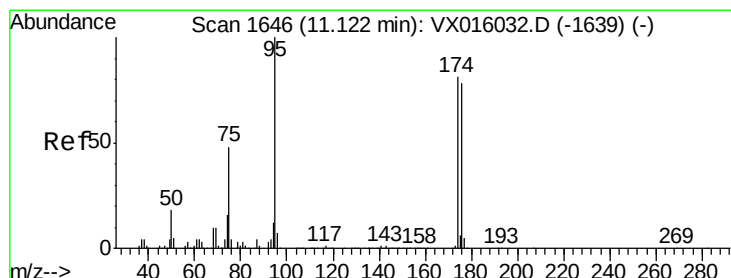
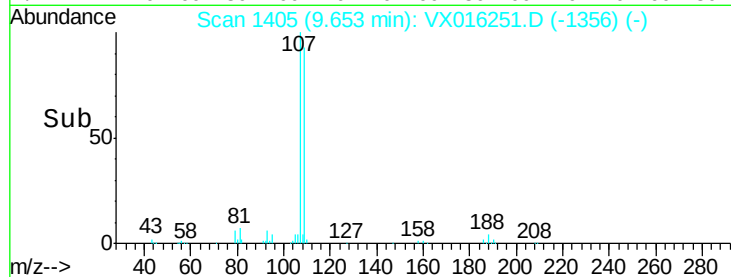
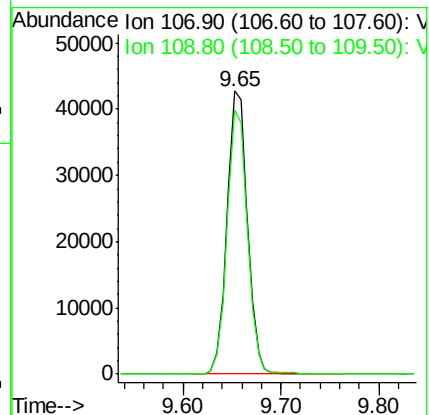
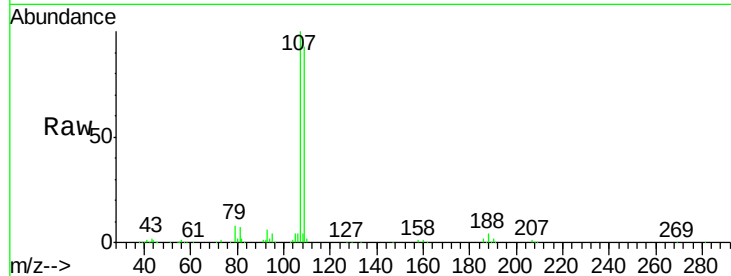
107 100

109 93.1 74.9 112.3

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5/15/2020 10:10:39 AM



#62

4-Bromofluorobenzene

Concen: 47.618 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

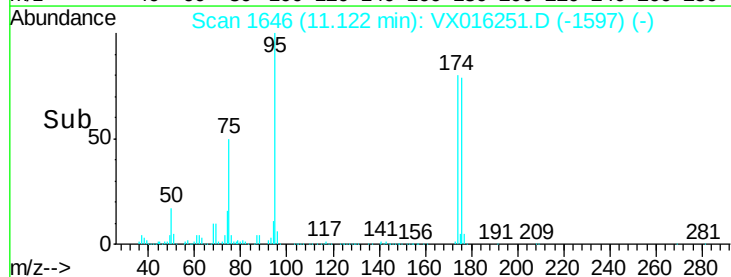
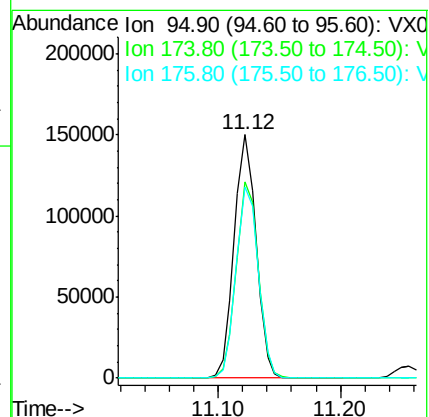
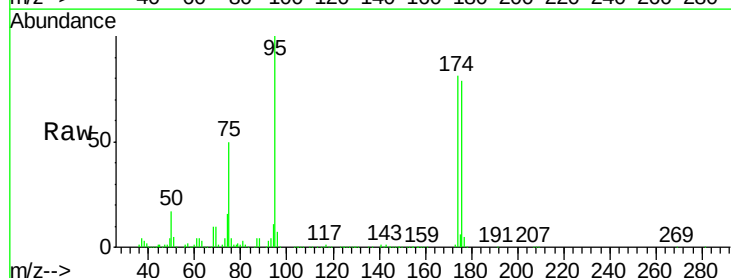
Tgt Ion: 95 Resp: 185319

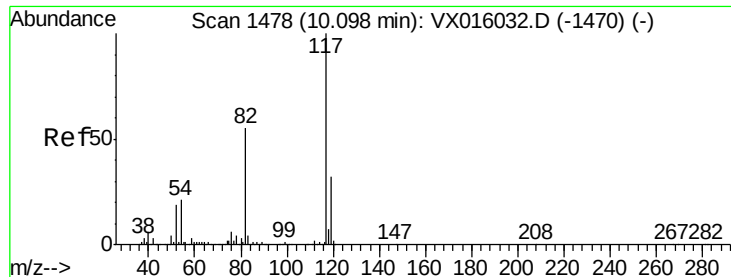
Ion Ratio Lower Upper

95 100

174 81.1 0.0 159.4

176 80.2 0.0 157.6





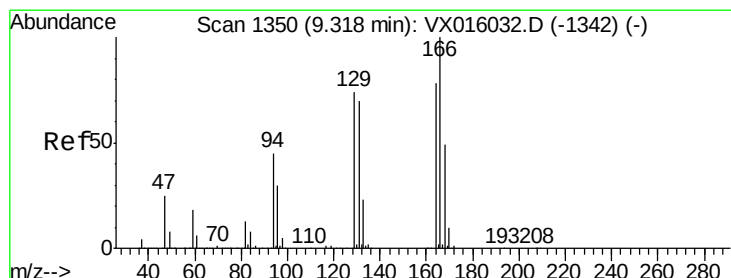
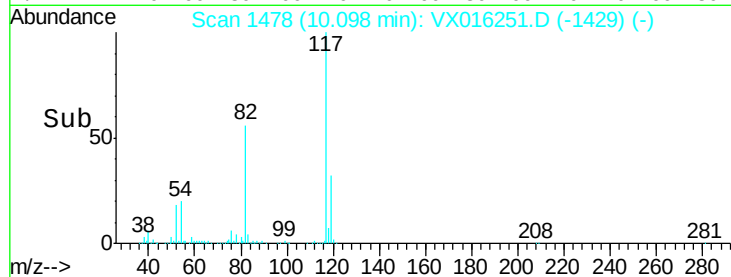
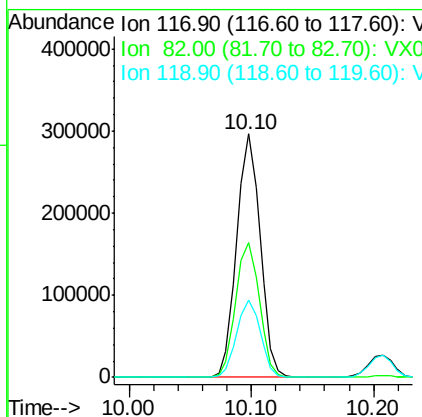
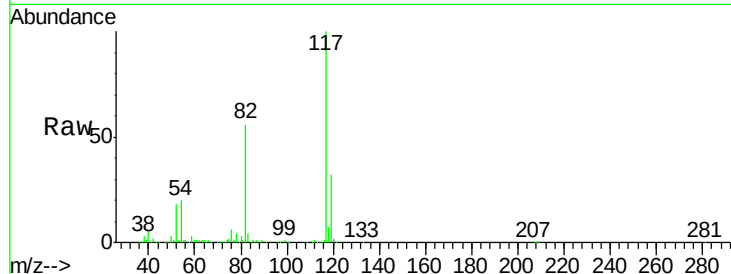
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.6	44.4	66.6
119	31.8	25.5	38.3

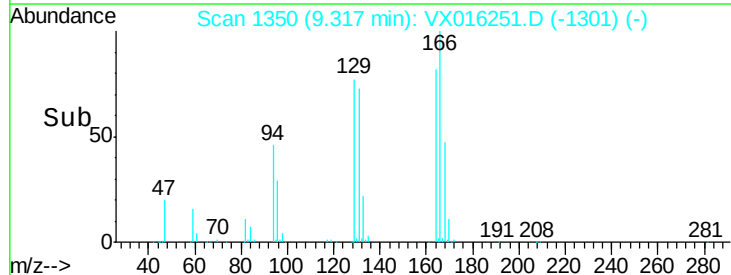
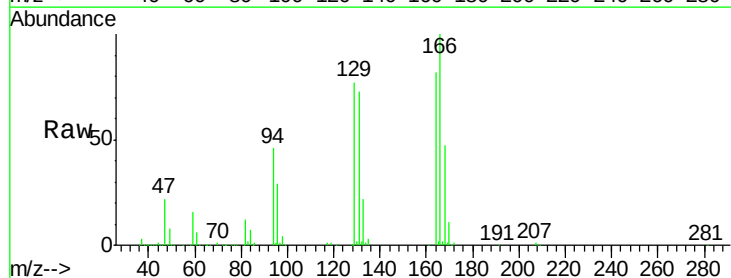
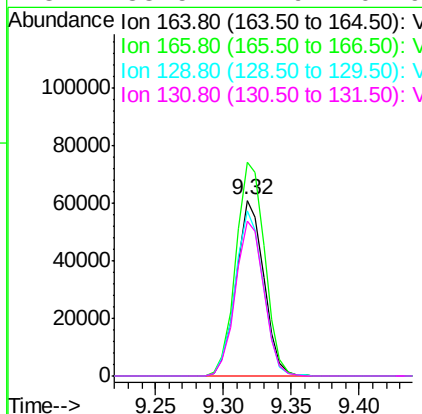
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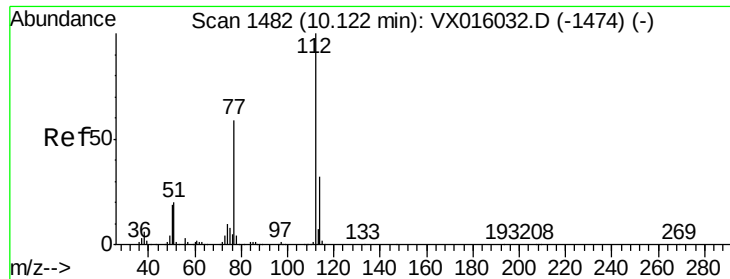
MMDadoda
5/15/2020 10:10:39 AM



#64
Tetrachloroethene
Concen: 17.948 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	121.7	102.9	154.3
129	94.2	76.1	114.1
131	88.5	71.9	107.9





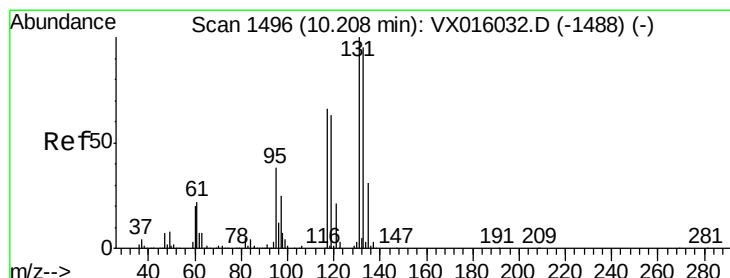
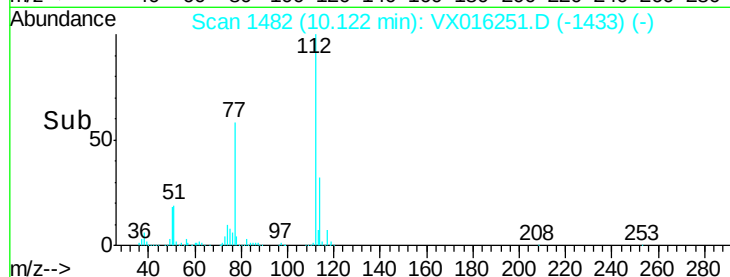
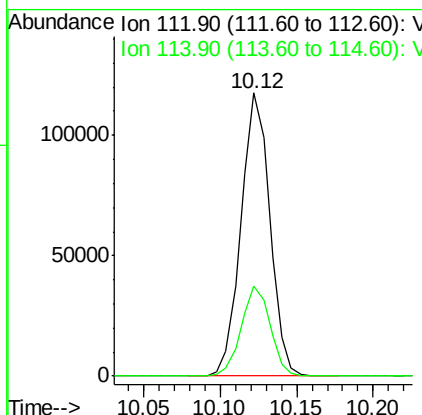
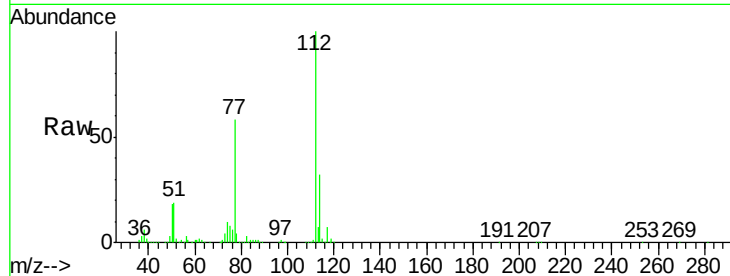
#65
Chlorobenzene
Concen: 18.724 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

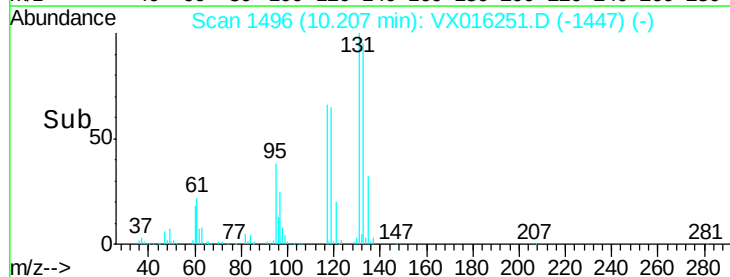
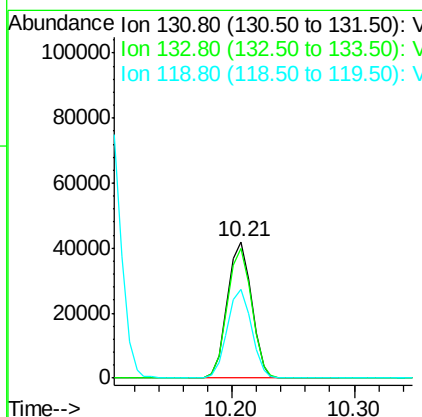
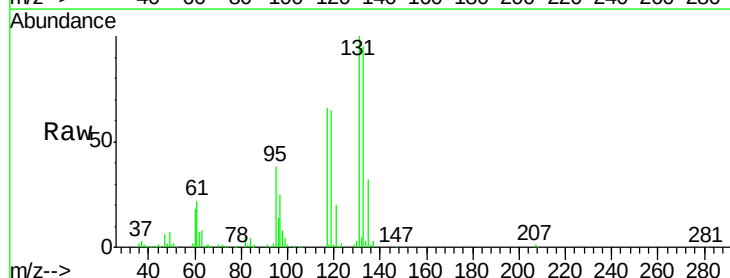
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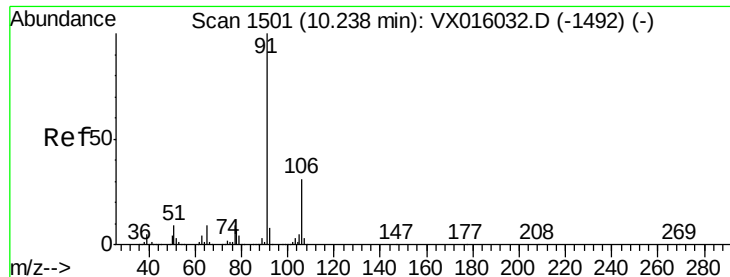
MMDadoda
5/15/2020 10:10:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.952 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.3	144.8
119	65.3	32.3	96.9





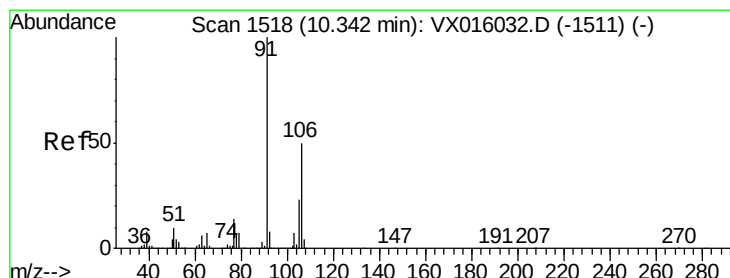
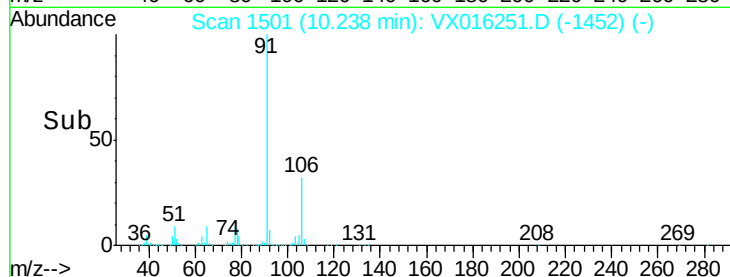
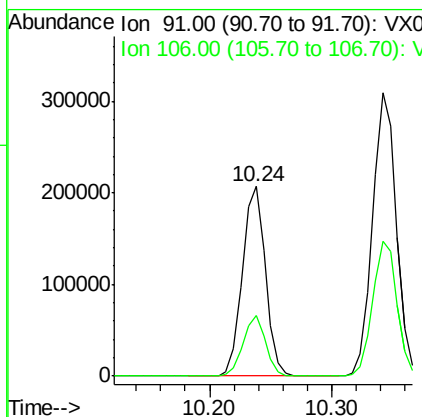
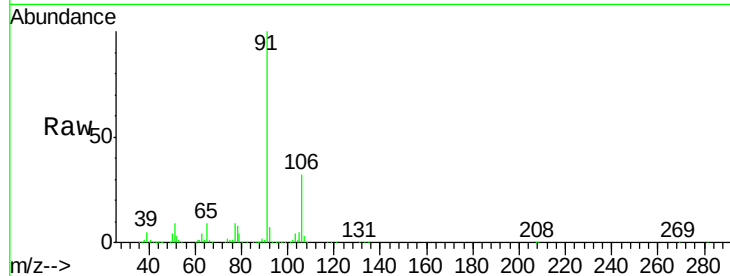
#67
Ethyl Benzene
Concen: 18.370 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampled :
VX0514WBSD02

Tot Ion: 91 Resp: 269985
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7

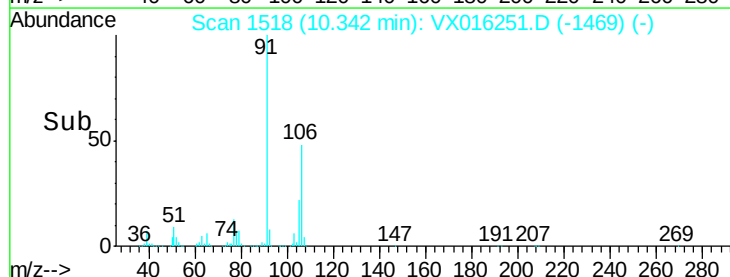
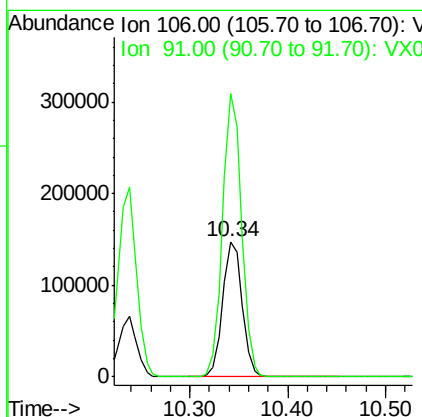
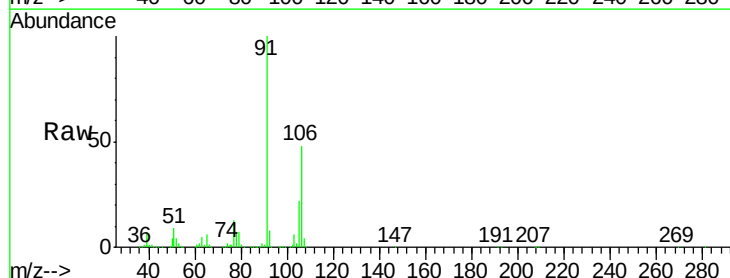
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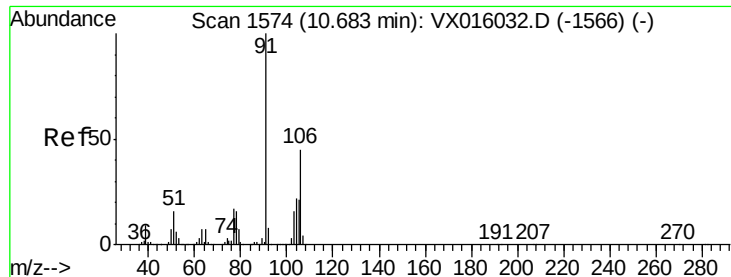
MMDadoda
5/15/2020 10:10:39 AM



#68
m/p-Xylenes
Concen: 37.032 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion: 106 Resp: 203912
Ion Ratio Lower Upper
106 100
91 204.7 161.7 242.5





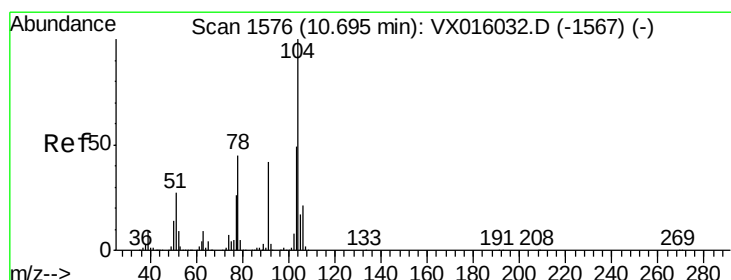
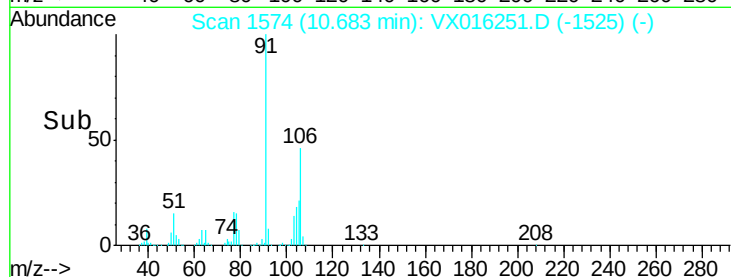
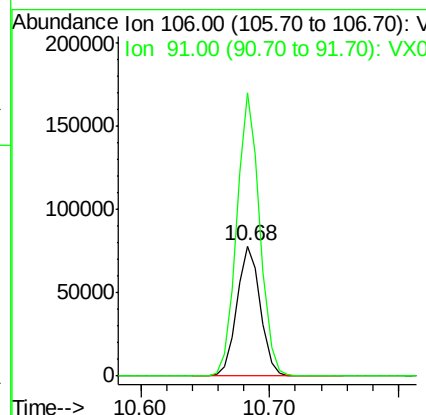
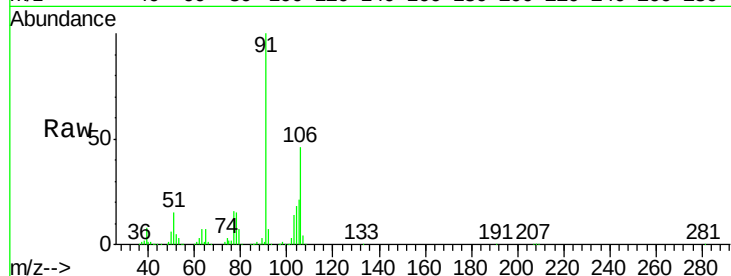
#69
o-Xylene
Concen: 18.639 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		98653		
91	213.9	107.5	322.6		

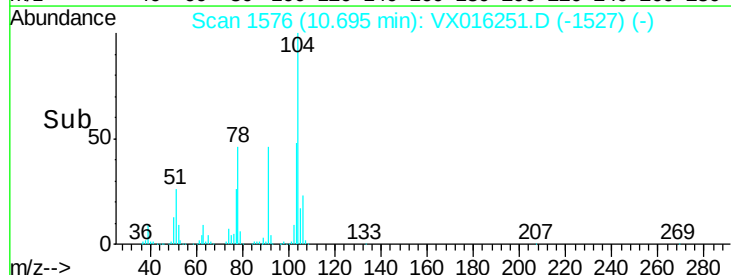
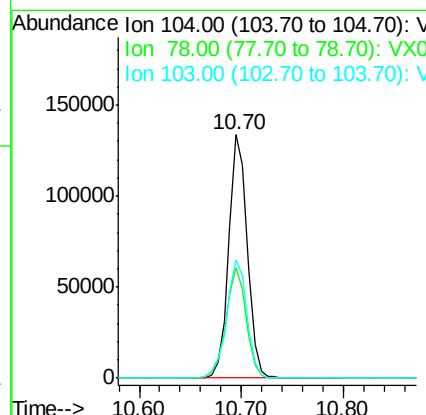
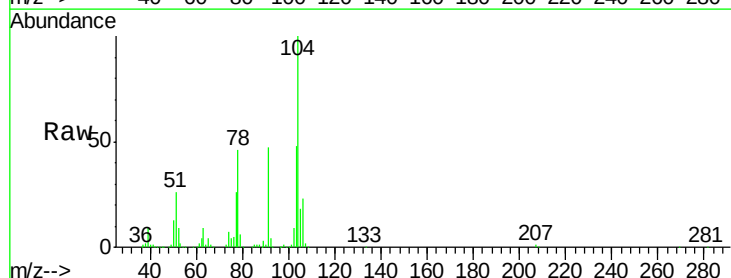
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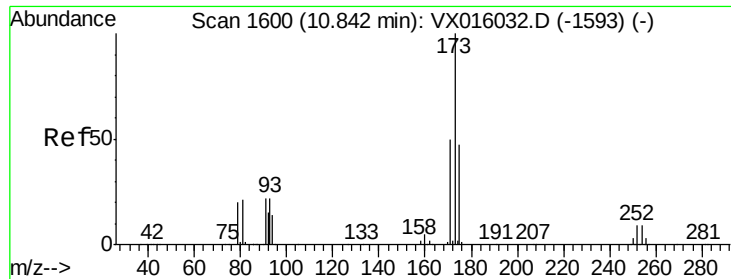
MMDadoda
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#70
Styrene
Concen: 18.788 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		168705		
78	49.7	40.2	60.2		
103	53.2	43.0	64.6		





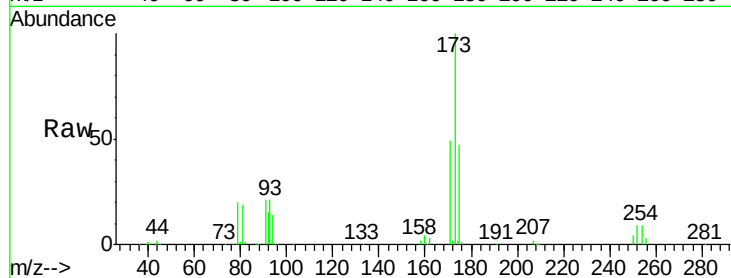
#71
Bromoform
Concen: 19.299 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

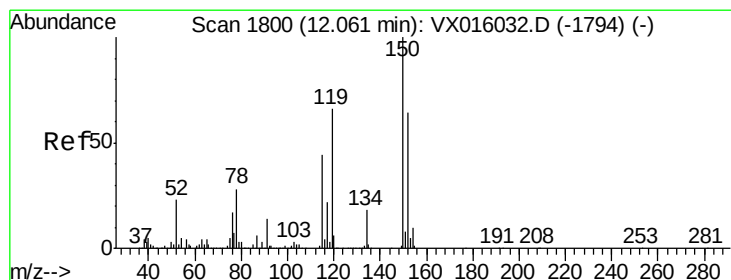
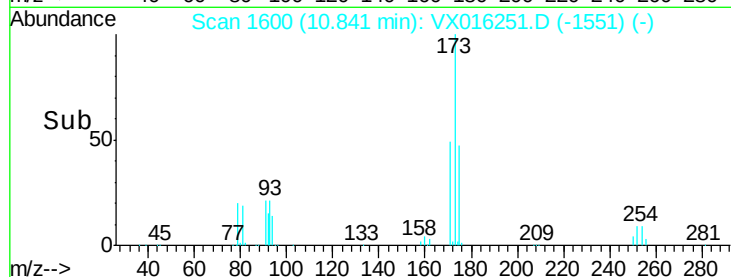
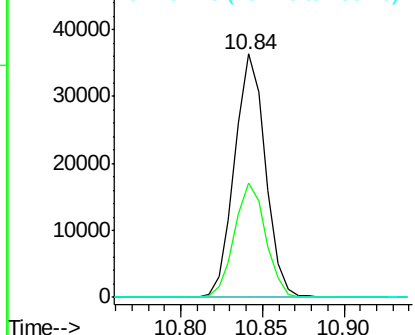
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.0	72.0
254	0.0	0.1	0.1#

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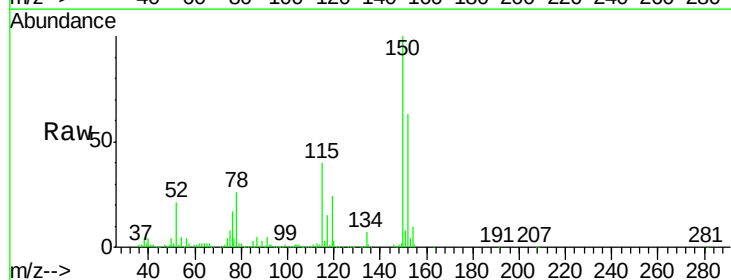


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

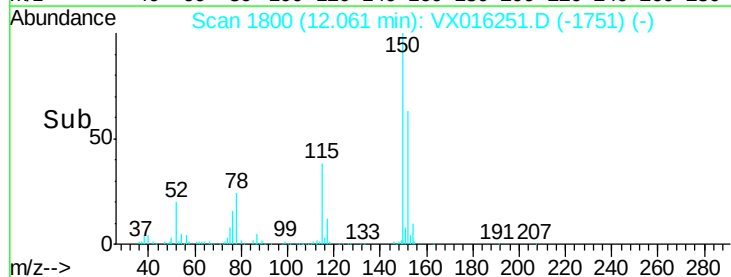
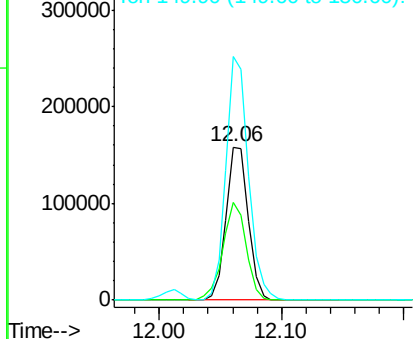


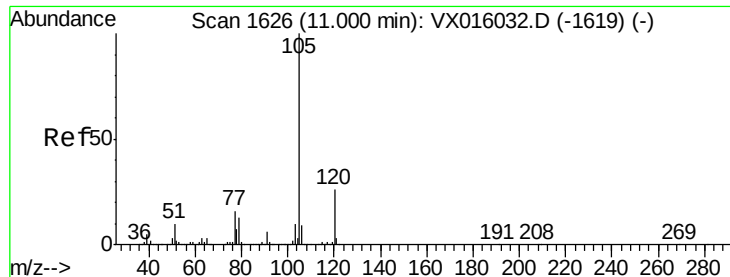
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.7	41.3	124.1
150	162.1	0.0	352.2



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





#73

Isopropylbenzene

Concen: 18.270 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion: 105 Resp: 261440

Ion Ratio Lower Upper

105 100

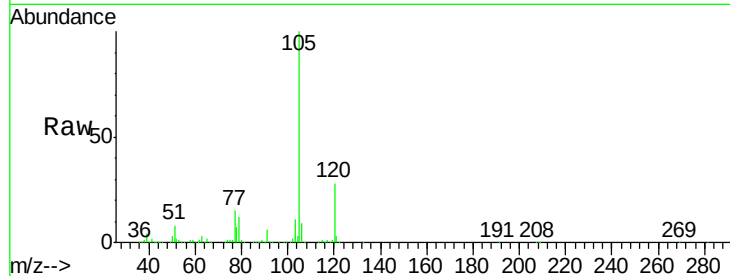
120 26.7 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

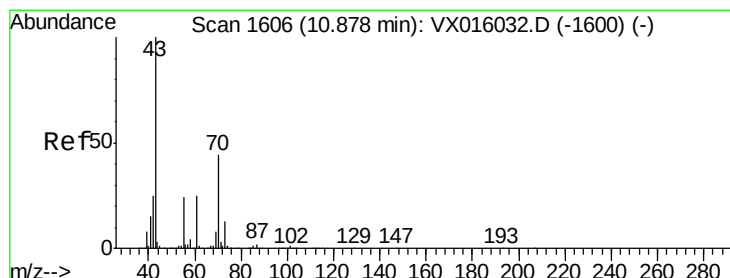
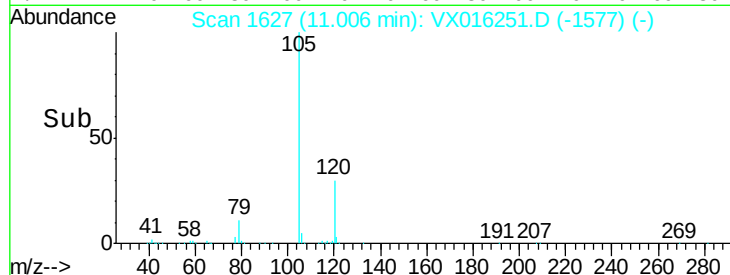
100000

50000

0

10.95 11.01 11.05

Time-->



#74

N-ethyl acetate

Concen: 17.323 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion: 43 Resp: 115625

Ion Ratio Lower Upper

43 100

70 47.7 36.5 54.7

55 26.6 19.7 29.5

61 25.6 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

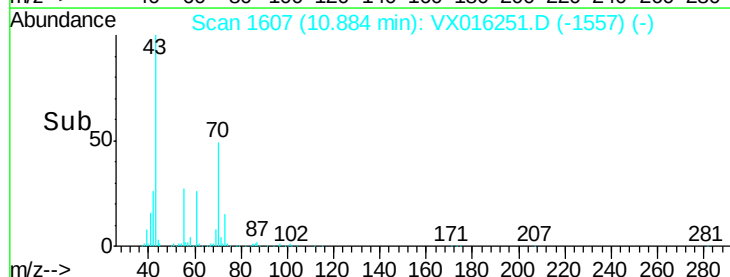
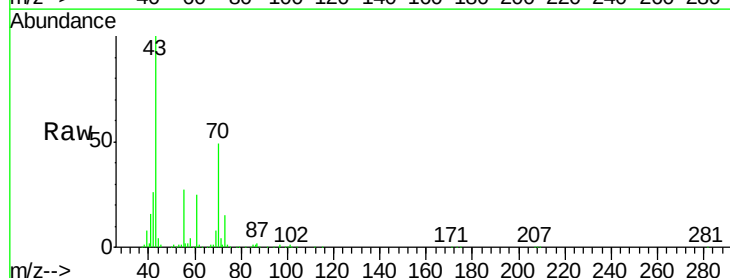
100000

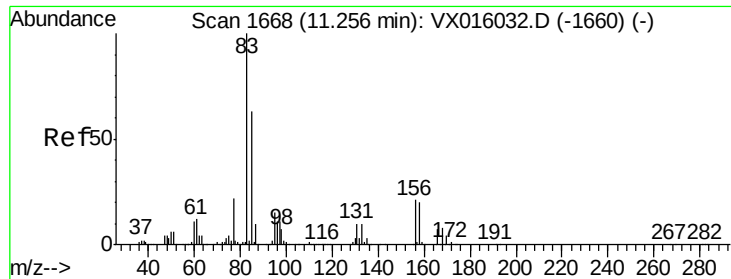
50000

0

10.80 10.88 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.890 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

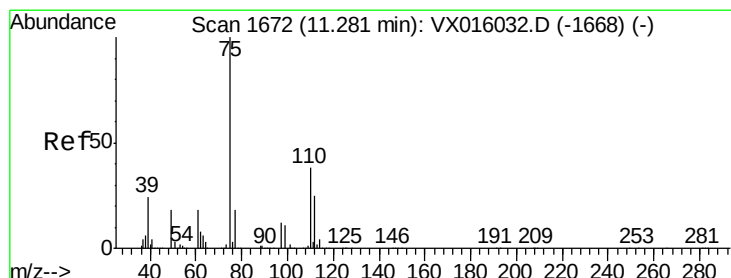
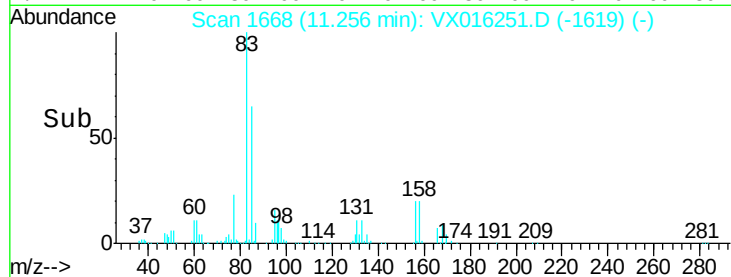
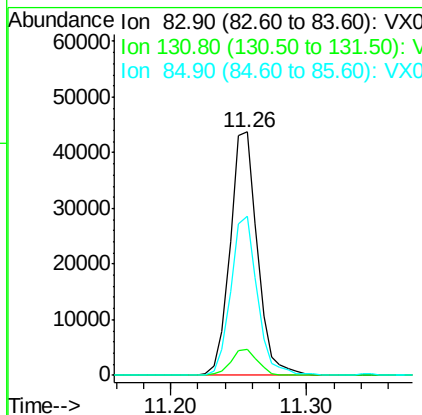
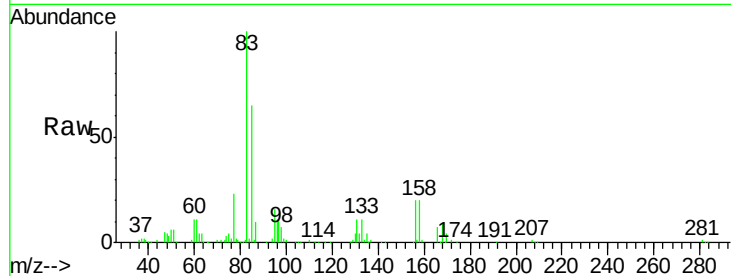
ClientSampleId :

VX0514WBSD02

Tot Ion:	83	Resp:	60824
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.677 ug/l m

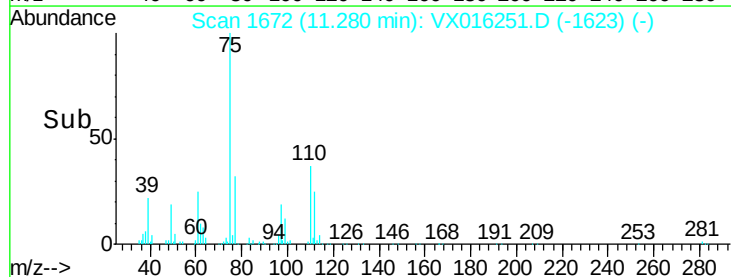
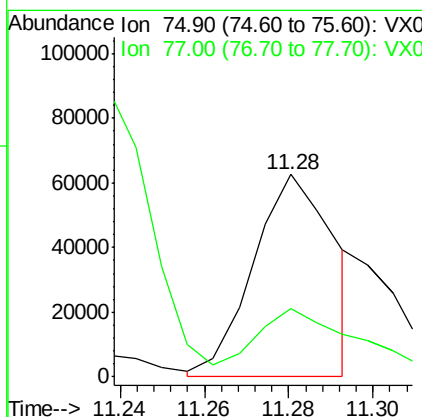
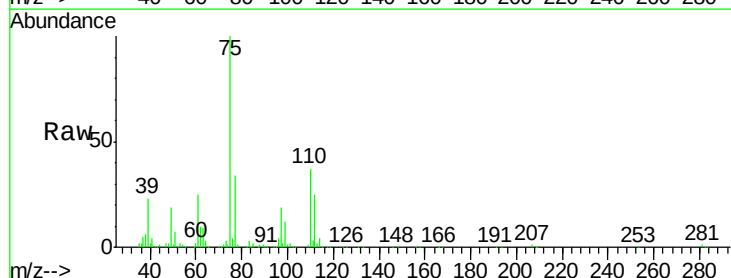
RT: 11.28 min Scan# 1672

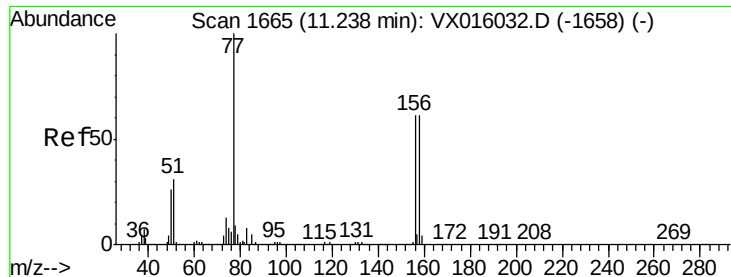
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	75	Resp:	83384
Ion Ratio	Lower	Upper	
75	100		
77	43.0	21.2	63.6





#77

Bromobenzene

Concen: 18.125 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

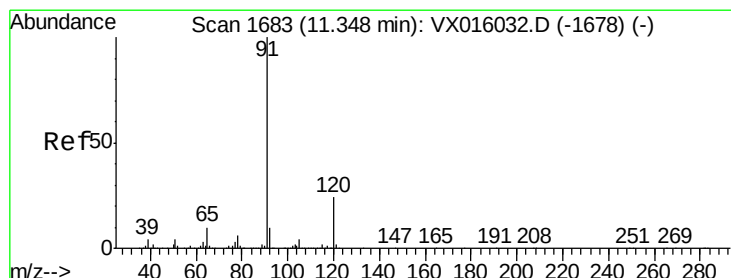
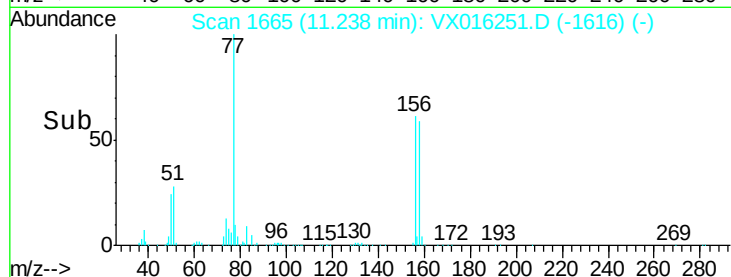
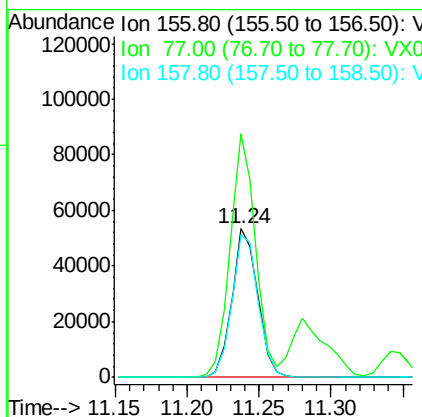
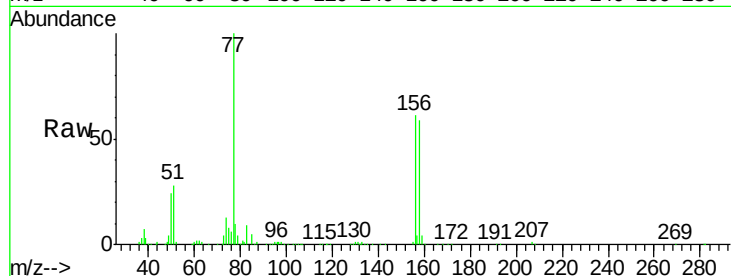
ClientSampleId :

VX0514WBSD02

Tot Ion:	156	Resp:	66947
Ion Ratio	Lower	Upper	
156	100		
77	162.3	80.1	240.3
158	98.0	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 17.768 ug/l

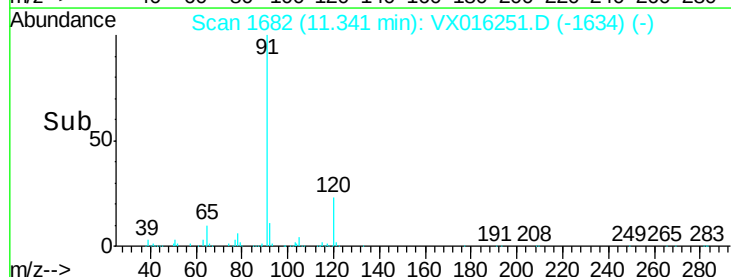
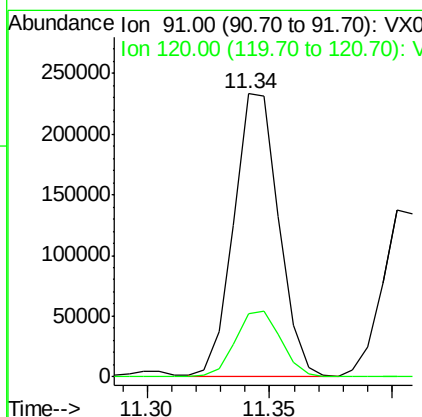
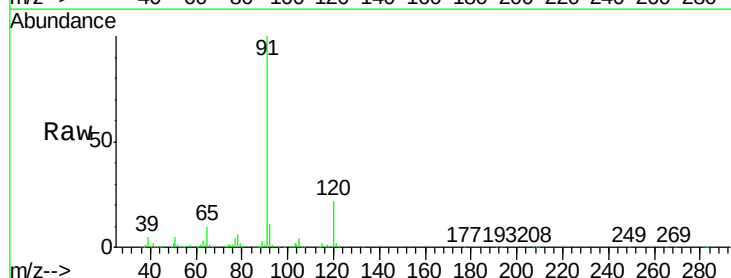
RT: 11.34 min Scan# 1682

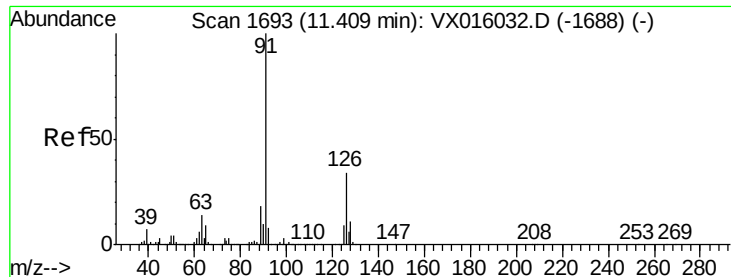
Delta R.T. -0.01 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	91	Resp:	295781
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.5	34.5





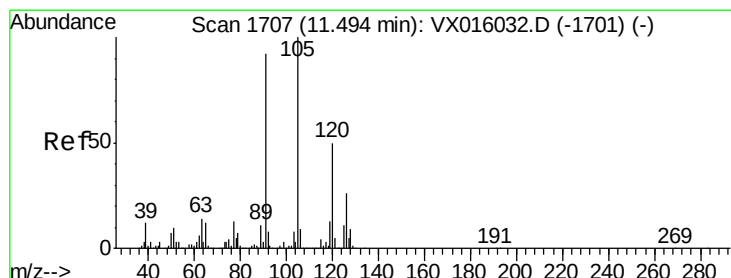
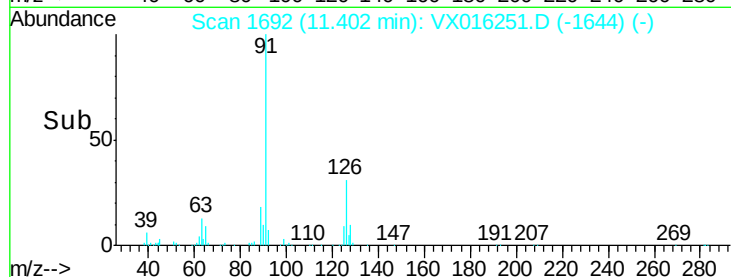
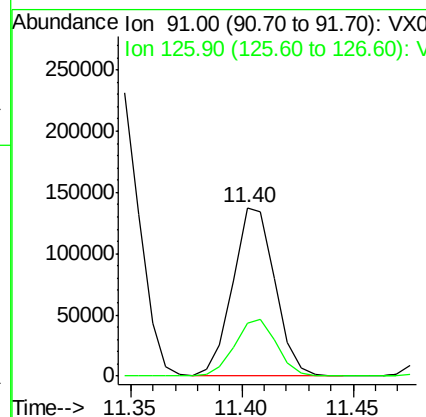
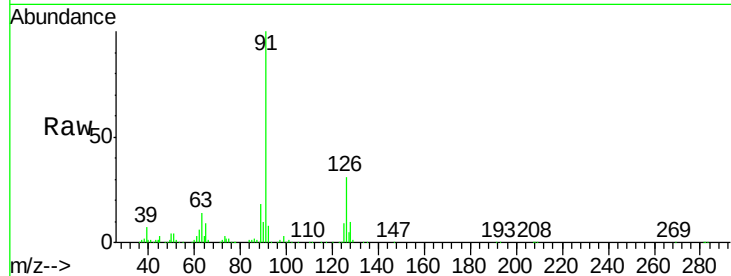
#79
 2-Chlorotoluene
 Concen: 18.355 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Tot Ion: 91 Resp: 180360
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.6

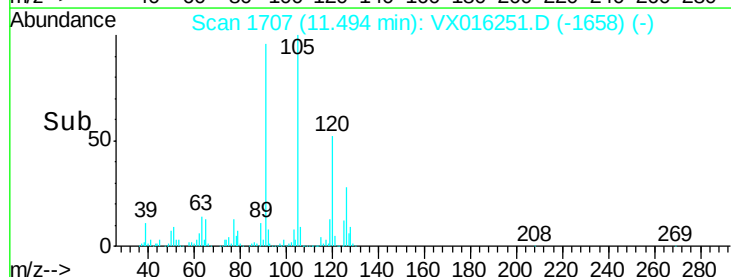
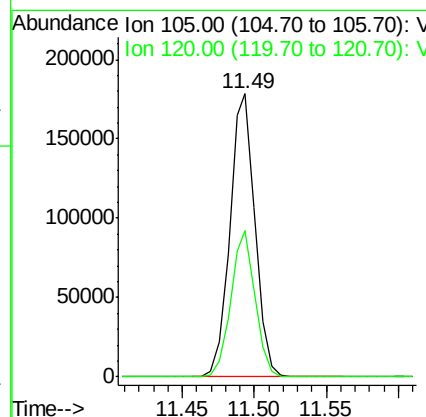
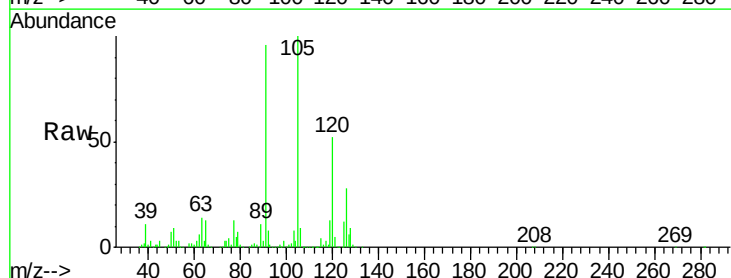
Manual Integrations
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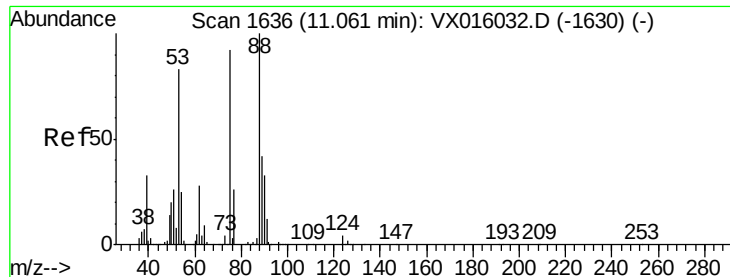
MMDadoda
 5/15/2020 10:10:39 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.043 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Tgt Ion: 105 Resp: 218000
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 74.0





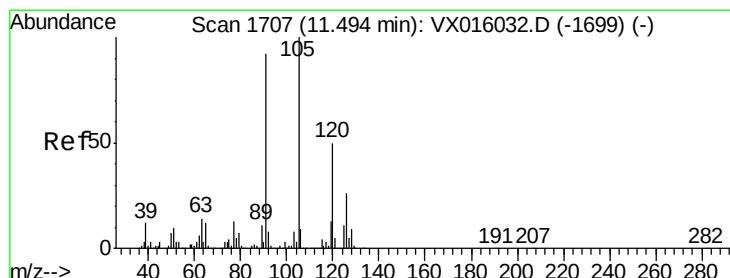
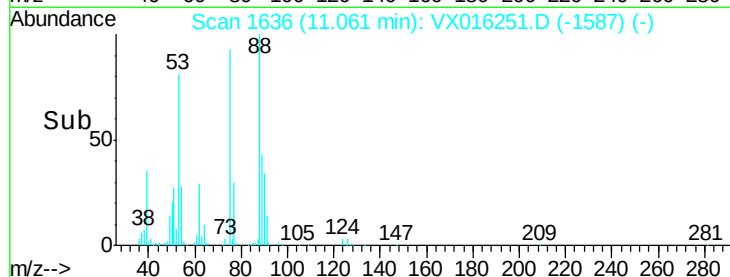
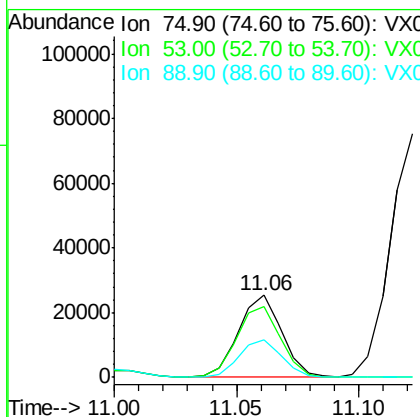
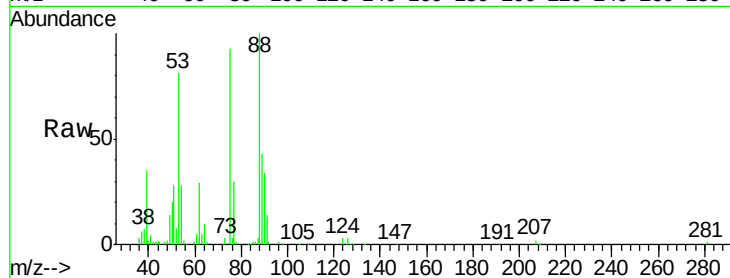
#81
trans-1,4-Dichloro-2-butene
Concen: 16.447 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.8	73.1	109.7
89	46.0	36.7	55.1

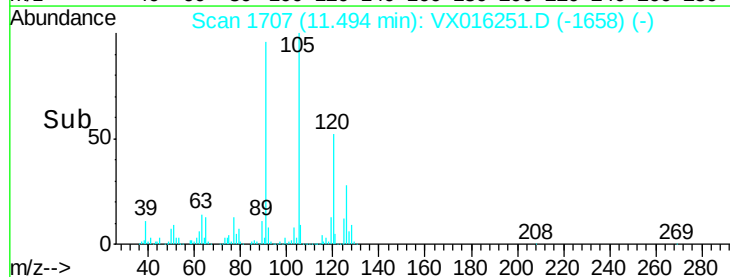
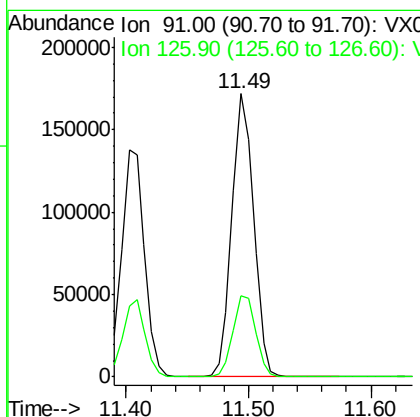
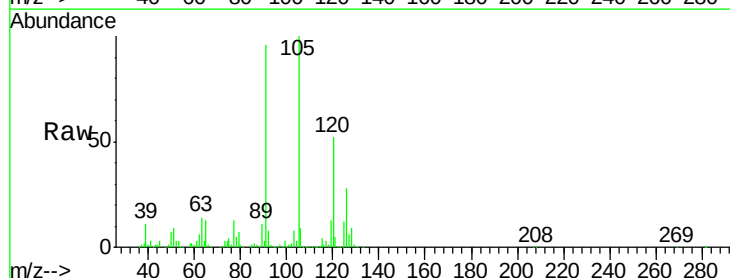
Manual Integrations
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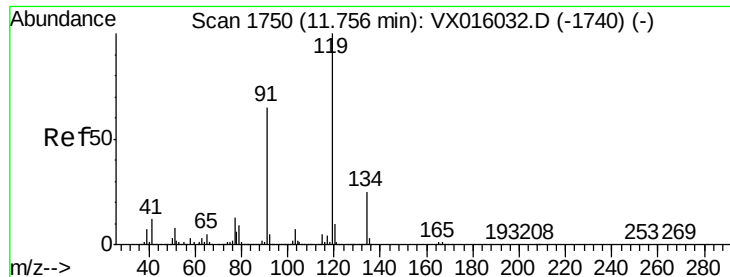
MMDadoda
5/15/2020 10:10:39 AM



#82
4-Chlorotoluene
Concen: 18.232 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.8	44.3





#83

tert-Butylbenzene

Concen: 18.081 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

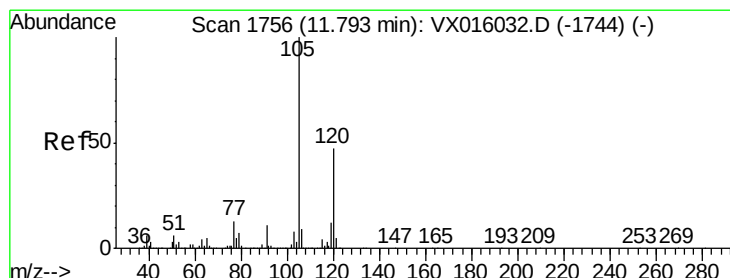
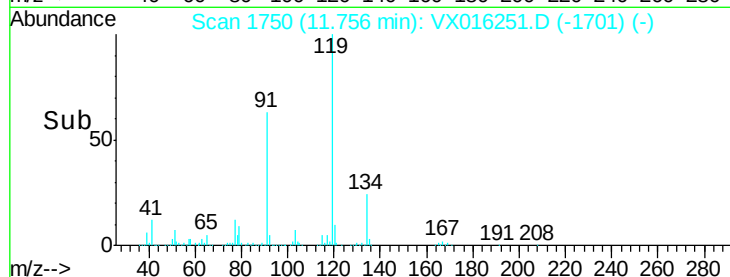
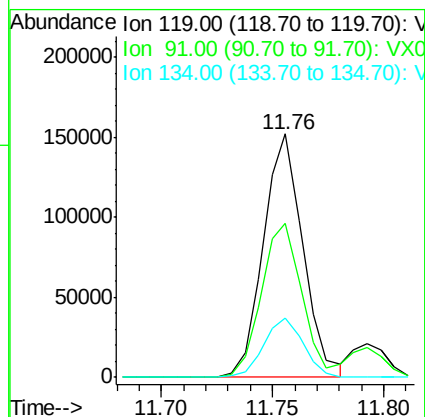
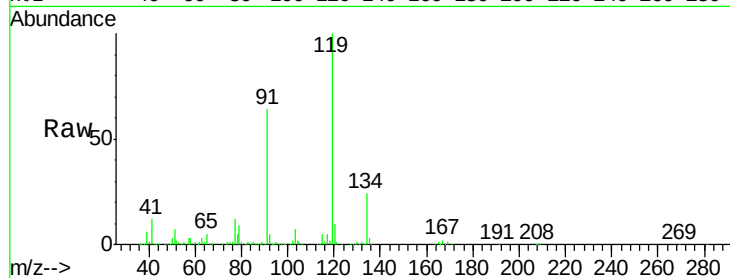
ClientSampleId :

VX0514WBSD02

Tot Ion:	119	Resp:	188267
Ion Ratio	Lower	Upper	
119	100		
91	64.1	32.8	98.4
134	24.4	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 17.985 ug/l

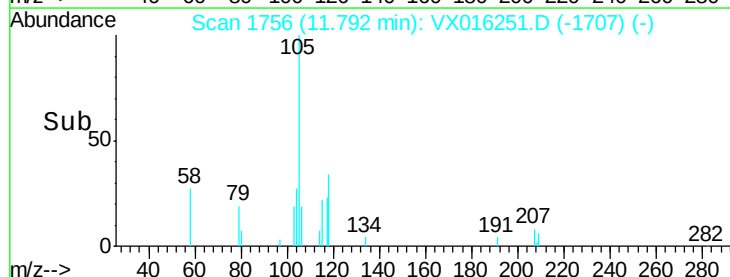
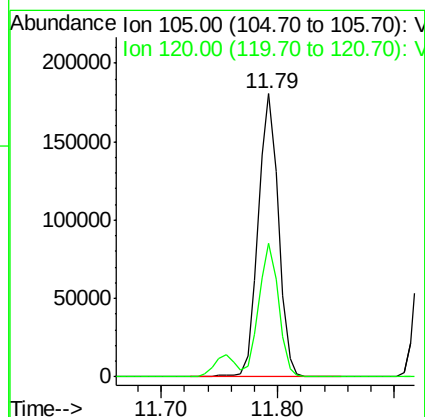
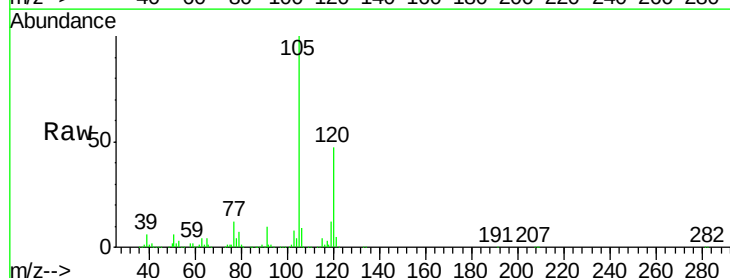
RT: 11.79 min Scan# 1756

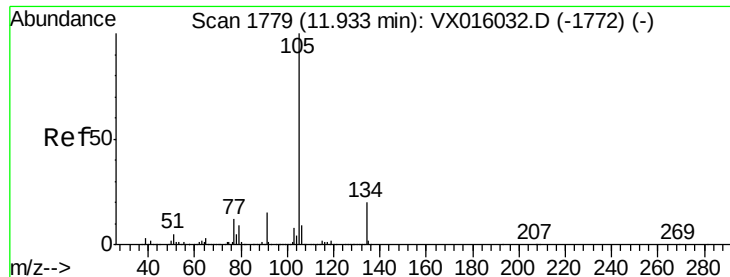
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	105	Resp:	219686
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 17.352 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD02

Tot Ion:105 Resp: 243944

Ion Ratio Lower Upper

105 100

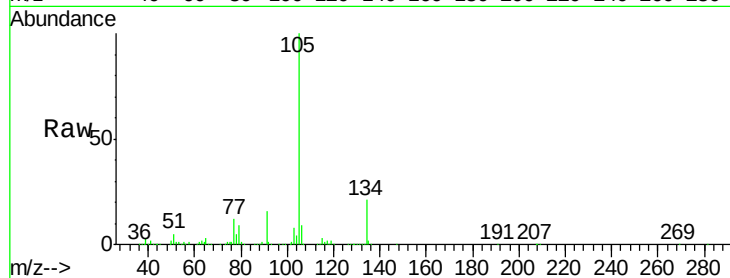
134 20.3 10.1 30.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

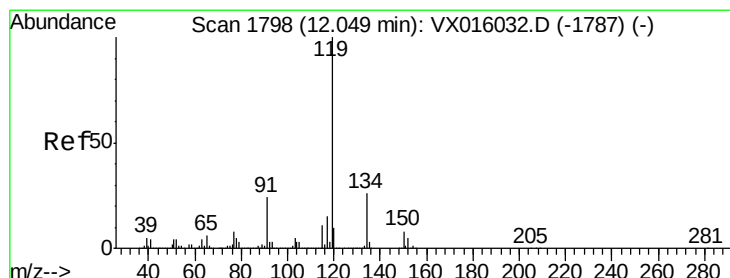
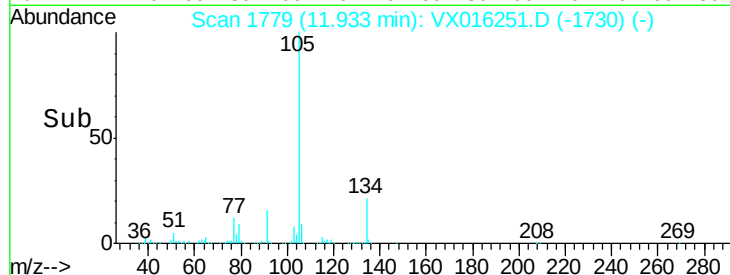
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 17.176 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

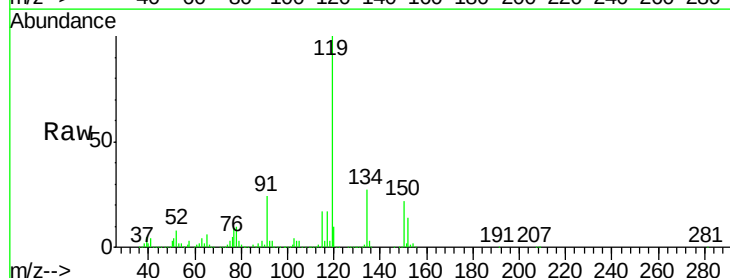
Tgt Ion:119 Resp: 224195

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.7 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

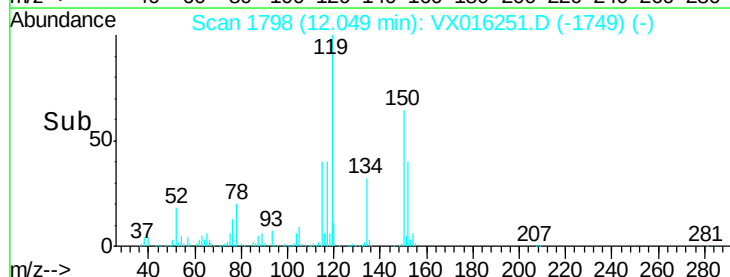
100000

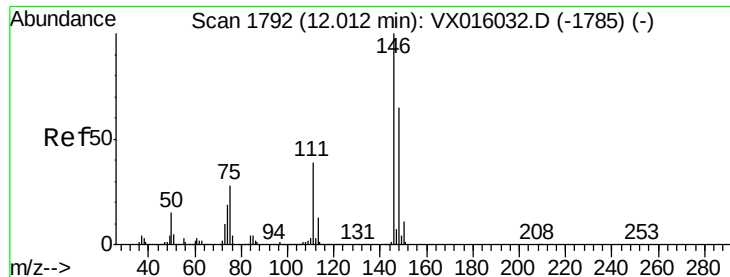
50000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.263 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

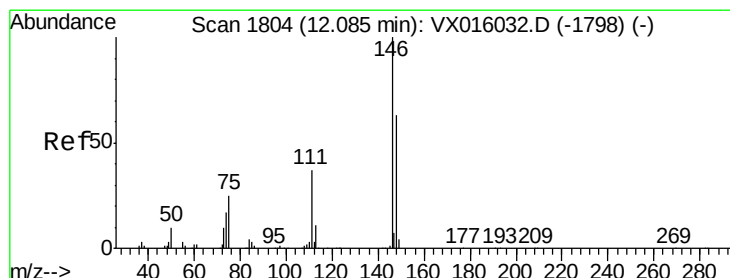
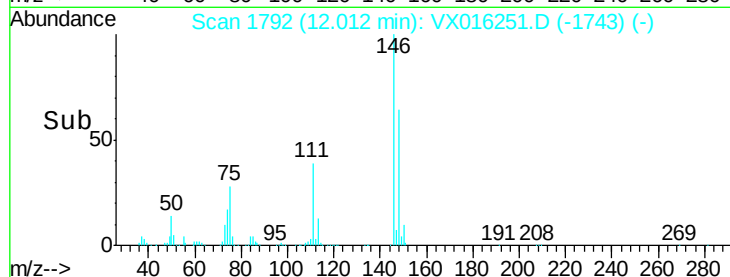
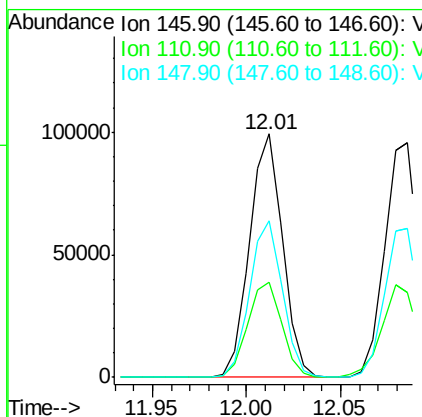
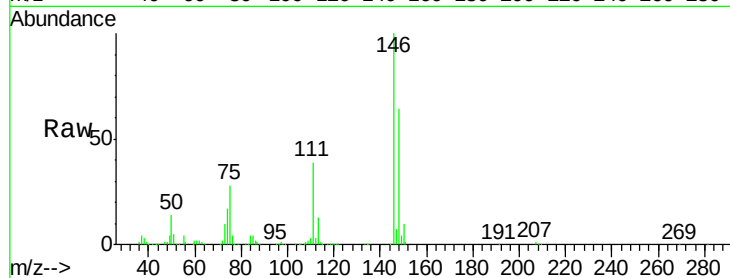
ClientSampleId :

VX0514WBSD02

Tot Ion:	146	Resp:	121117
Ion Ratio		Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.7	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.101 ug/l

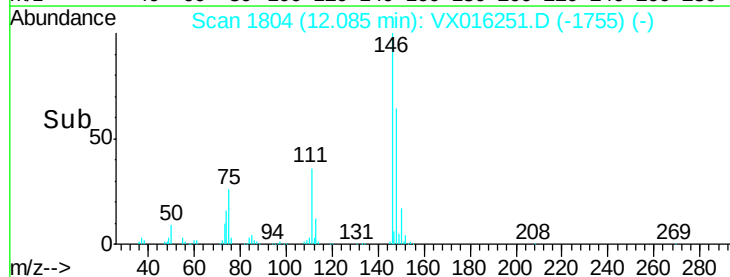
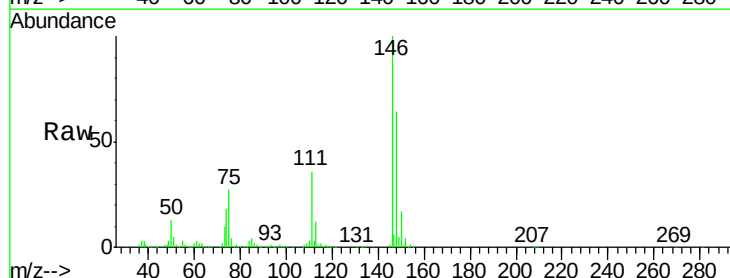
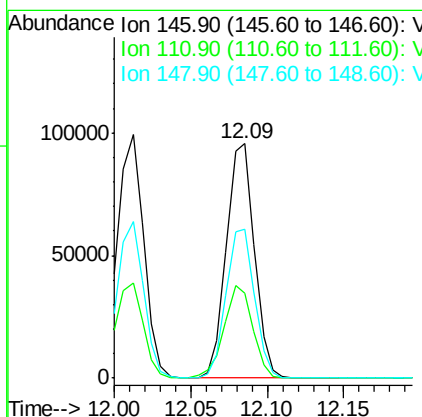
RT: 12.09 min Scan# 1804

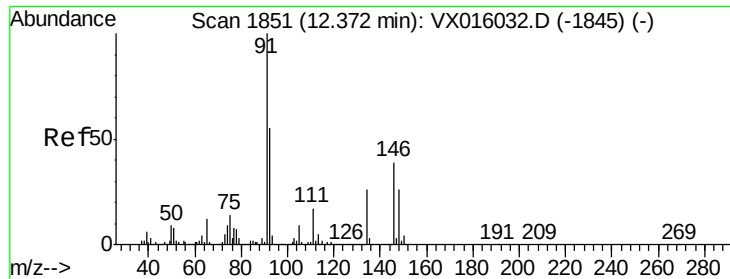
Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	146	Resp:	121842
Ion Ratio		Lower	Upper
146	100		
111	40.4	19.6	58.7
148	64.6	31.8	95.3





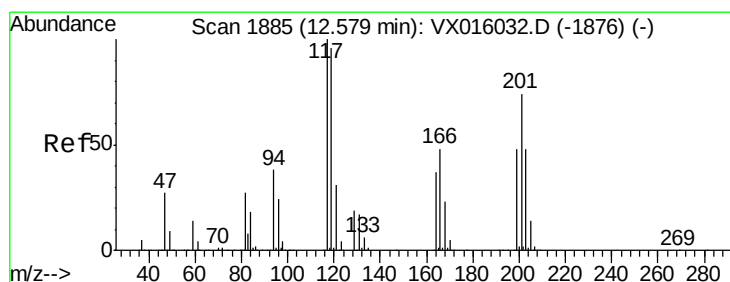
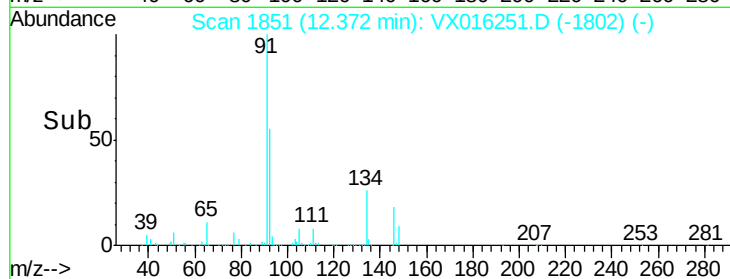
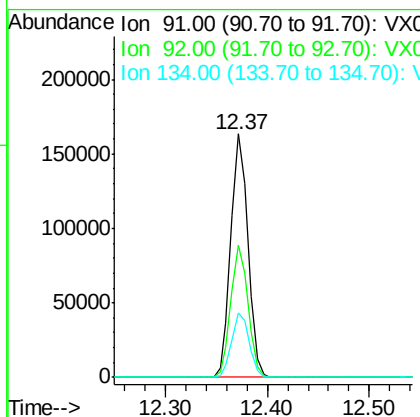
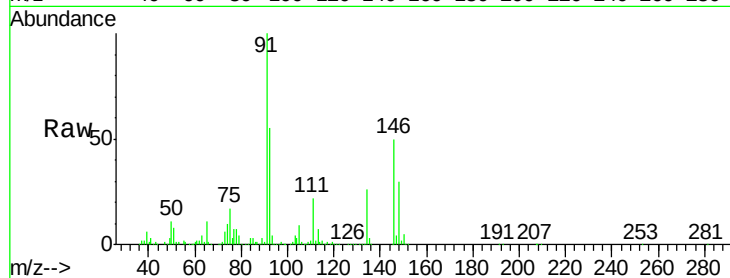
#89
n-Butylbenzene
Concen: 15.822 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	188665		
92	54.4		27.6	82.7
134	27.0		13.4	40.1

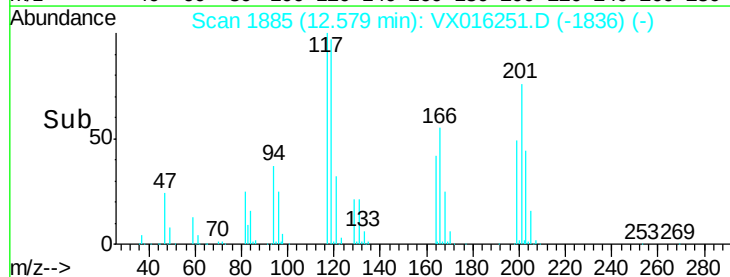
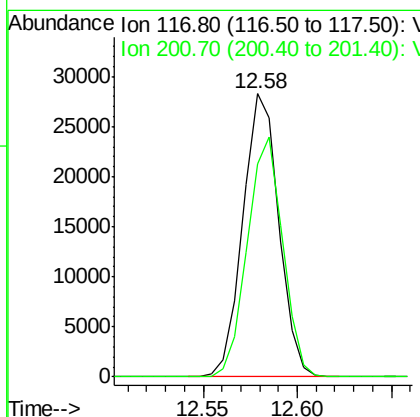
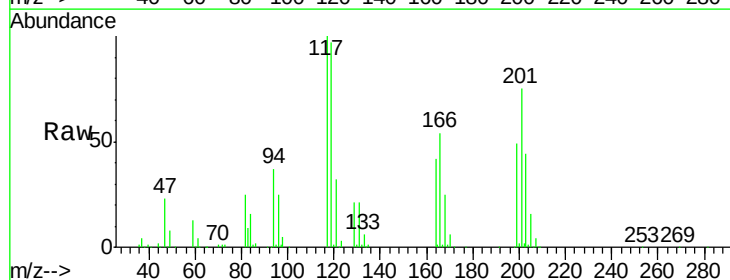
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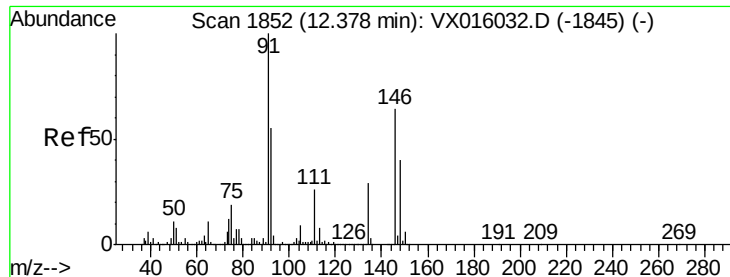
MMDadoda
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#90
Hexachloroethane
Concen: 16.707 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016251.D
Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37451		
201	83.3		39.8	119.3





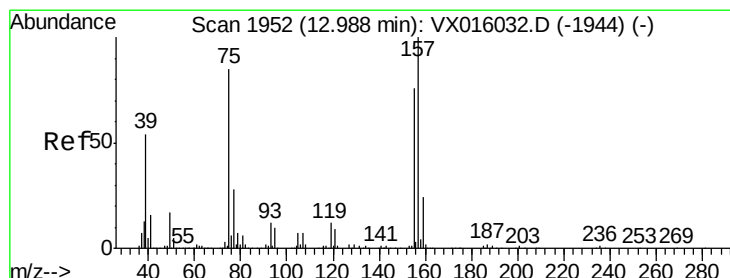
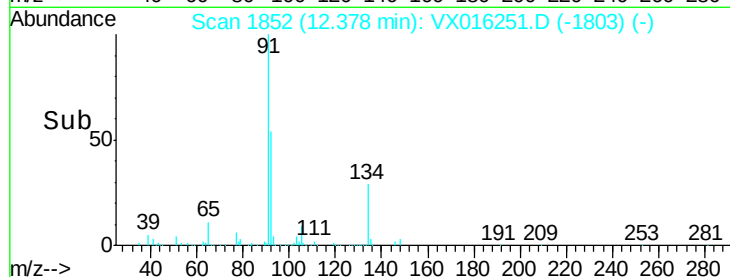
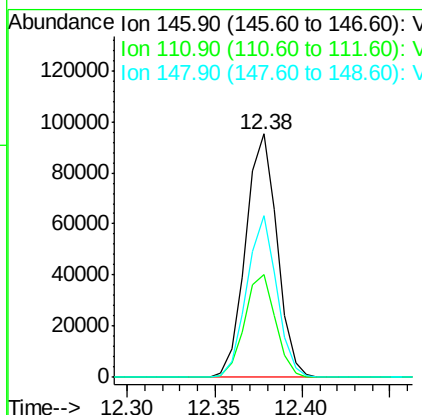
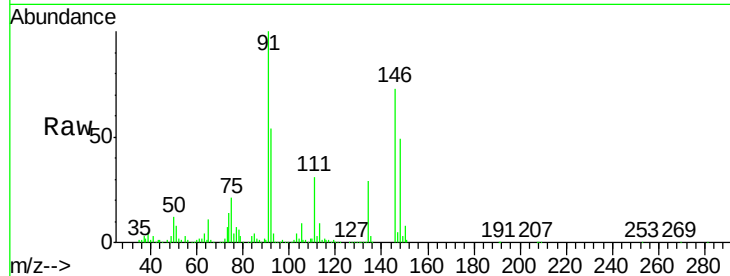
#91
 1,2-Dichlorobenzene
 Concen: 18.589 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.7	21.1	63.1	
148	63.3	32.4	97.0	

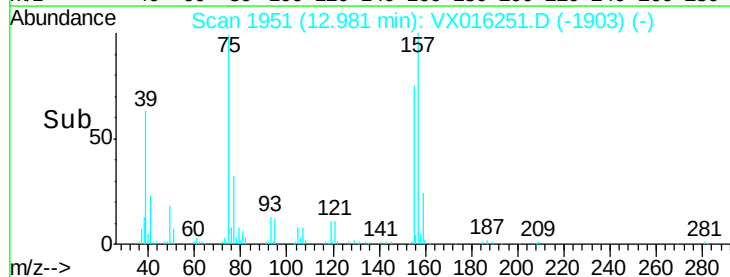
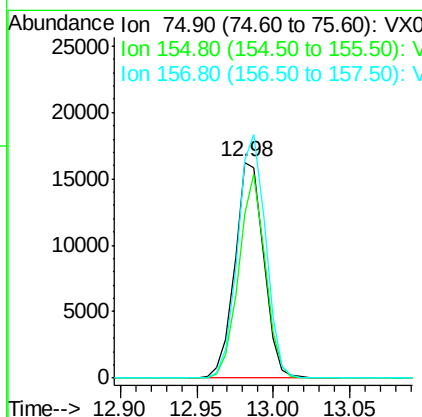
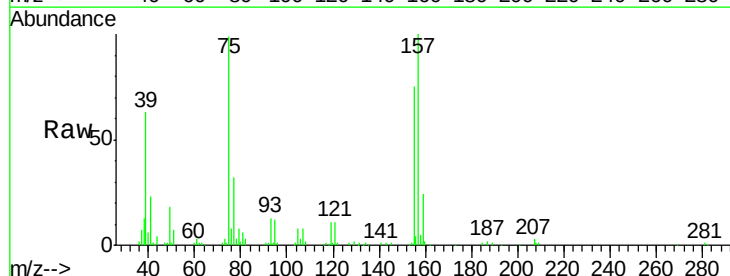
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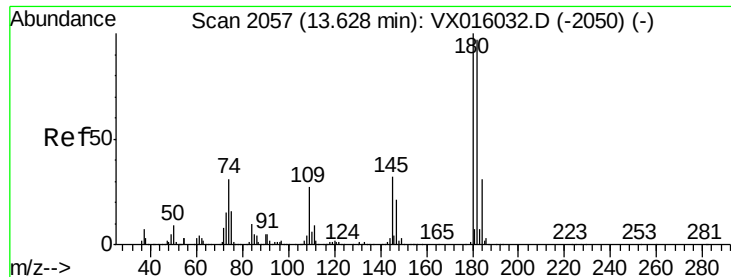
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.986 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	86.6	42.5	127.5	
157	109.5	55.3	165.8	





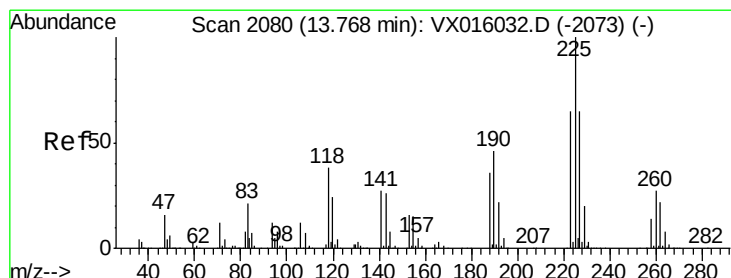
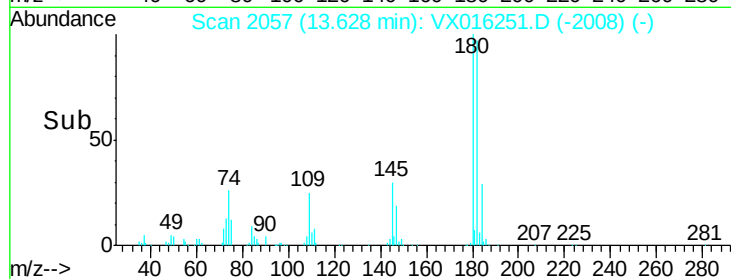
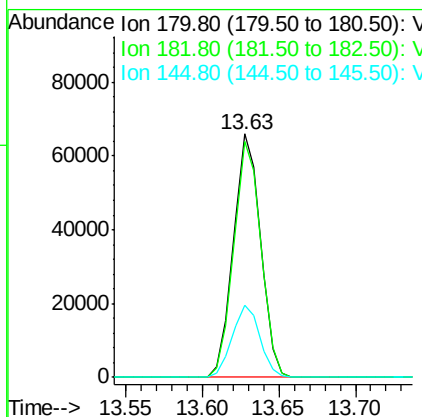
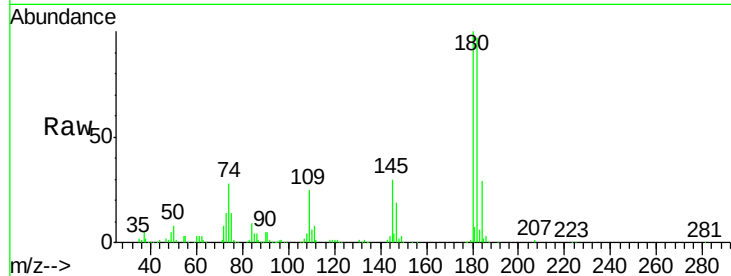
#93
 1,2,4-Trichlorobenzene
 Concen: 17.157 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81117		
182	97.0	48.7	146.1	
145	30.3	15.7	47.1	

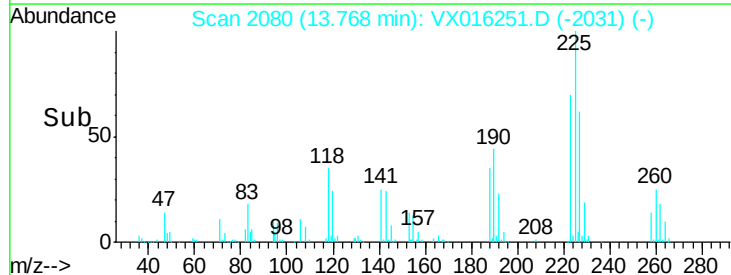
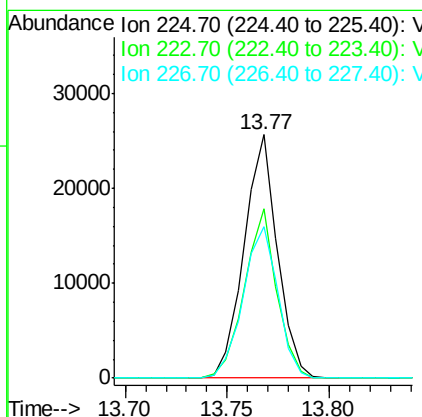
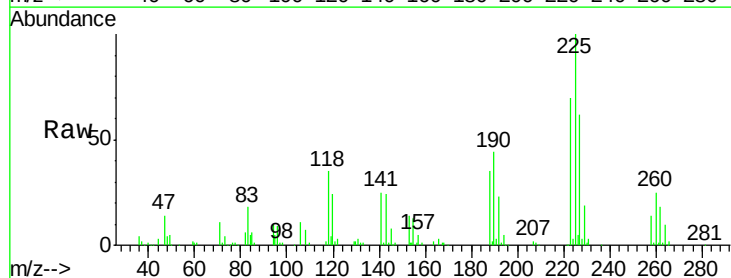
Manual Integrations
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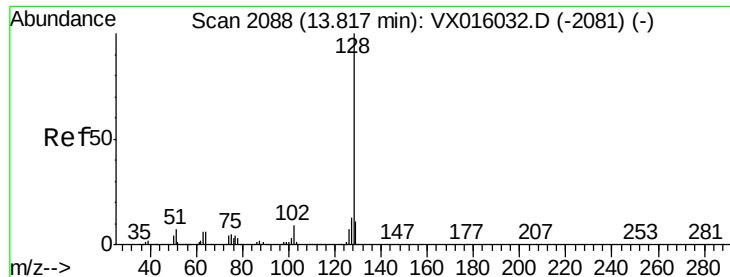
MMDadoda
 5/15/2020 10:10:39 AM



#94
 Hexachlorobutadiene
 Concen: 14.658 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016251.D
 Acq: 14 May 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29080		
223	67.7	32.3	96.9	
227	65.1	31.8	95.4	





#95

Naphthalene

Concen: 18.166 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Instrument :

MSVOA_X

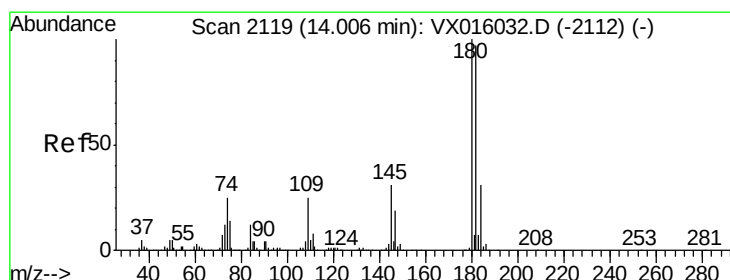
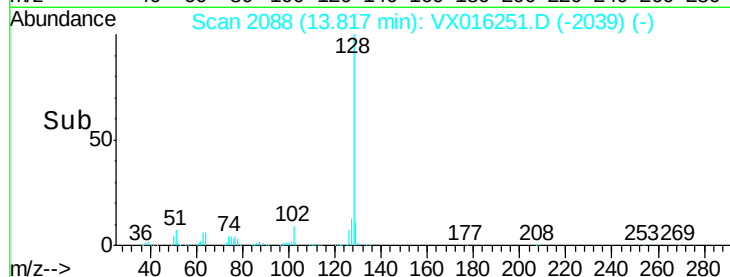
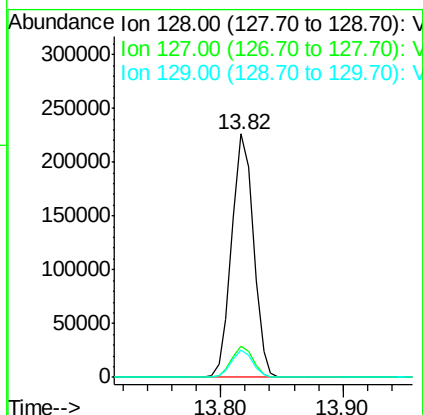
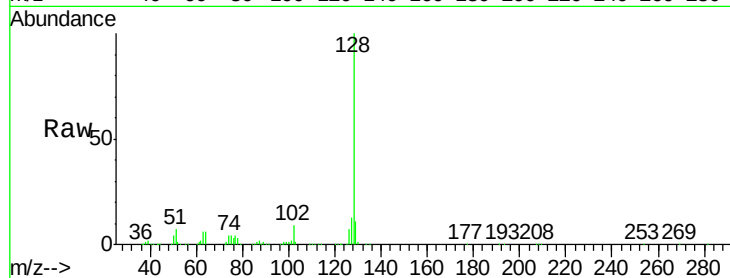
ClientSampleId :

VX0514WBSD02

Tot Ion:	128	Resp:	278105
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/15/2020 10:10:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.266 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016251.D

Acq: 14 May 2020 23:56

Tgt Ion:	180	Resp:	79778
Ion Ratio	Lower	Upper	
180	100		
182	98.3	48.4	145.0
145	32.6	16.4	49.1

