

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016197.D
 Acq On : 13 May 2020 23:01
 Operator : JC/SP
 Sample : VX0513WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:16:04 PM

Quant Time: May 14 07:29:53 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	277208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	450546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165290	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	5.47	113	130747	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.70	98	512575	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.12	95	194656	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49222	16.775	ug/l	97
3) Chloromethane	1.31	50	56265	16.512	ug/l	99
4) Vinyl Chloride	1.39	62	59719	16.427	ug/l	99
5) Bromomethane	1.63	94	35425	19.328	ug/l	100
6) Chloroethane	1.71	64	36630	16.560	ug/l	98
7) Trichlorofluoromethane	1.92	101	77705	16.281	ug/l	94
8) Diethyl Ether	2.17	74	32819	16.320	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44642	16.212	ug/l	100
10) Methyl Iodide	2.49	142	41212	11.142	ug/l	100
11) Tert butyl alcohol	3.01	59	78000	84.559	ug/l	100
12) 1,1-Dichloroethene	2.36	96	45964	15.951	ug/l	98
13) Acrolein	2.27	56	39089	67.719	ug/l	97
14) Allyl chloride	2.71	41	85021	16.092	ug/l	96
15) Acrylonitrile	3.12	53	163351	85.364	ug/l	100
16) Acetone	2.42	43	133524	82.037	ug/l	97
17) Carbon Disulfide	2.55	76	135369	15.500	ug/l	99
18) Methyl Acetate	2.75	43	71489	17.864	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	173639	17.480	ug/l	99
20) Methylene Chloride	2.84	84	56329	16.788	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	52750	16.427	ug/l	100
22) Diisopropyl ether	3.82	45	172717	17.328	ug/l	97
23) Vinyl Acetate	3.79	43	740313	84.419	ug/l	99
24) 1,1-Dichloroethane	3.67	63	96237	17.259	ug/l	99
25) 2-Butanone	4.64	43	227326	86.675	ug/l	100
26) 2,2-Dichloropropane	4.56	77	72419	14.221	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61637	17.557	ug/l	96
28) Bromochloromethane	4.99	49	48295	18.995	ug/l	97
29) Tetrahydrofuran	5.09	42	148647	85.536	ug/l	99
30) Chloroform	5.18	83	95680	17.234	ug/l	97
31) Cyclohexane	5.55	56	82536	16.287	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86156	17.073	ug/l	98
36) 1,1-Dichloropropene	5.78	75	71452	16.111	ug/l	100
37) Ethyl Acetate	4.79	43	86079	16.746	ug/l	98
38) Carbon Tetrachloride	5.76	117	76201	16.904	ug/l	96

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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	80729	15.115	ug/l	97
40) Benzene	6.12	78	221778	17.091	ug/l	99
41) Methacrylonitrile	5.01	41	47067	16.955	ug/l	99
42) 1,2-Dichloroethane	6.17	62	78664	16.828	ug/l	99
43) Isopropyl Acetate	6.42	43	135373	16.506	ug/l	99
44) Trichloroethene	7.19	130	75448	16.366	ug/l	97
45) 1,2-Dichloropropane	7.49	63	57989	17.661	ug/l	97
46) Dibromomethane	7.64	93	38085	17.068	ug/l	100
47) Bromodichloromethane	7.88	83	77758	17.110	ug/l	98
48) Methyl methacrylate	7.74	41	63794	16.415	ug/l	97
49) 1,4-Dioxane	7.71	88	31473	337.673	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	430389	85.755	ug/l	99
52) Toluene	8.77	92	141683	17.517	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87824	16.208	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	93699	16.556	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	56602	17.786	ug/l	98
56) Ethyl methacrylate	9.16	69	88389	17.016	ug/l	97
57) 1,3-Dichloropropane	9.35	76	98029	17.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	248077	89.706	ug/l	100
59) 2-Hexanone	9.48	43	332957	84.477	ug/l	98
60) Dibromochloromethane	9.57	129	61815	17.637	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59573	17.282	ug/l	99
64) Tetrachloroethene	9.32	164	86634	16.623	ug/l	97
65) Chlorobenzene	10.12	112	149335	16.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55663	16.942	ug/l	99
67) Ethyl Benzene	10.24	91	260545	16.427	ug/l	99
68) m/p-Xylenes	10.34	106	198393	33.386	ug/l	100
69) o-Xylene	10.68	106	96199	16.841	ug/l	98
70) Styrene	10.70	104	161471	16.663	ug/l	100
71) Bromoform	10.84	173	45931	17.159	ug/l #	100
73) Isopropylbenzene	11.00	105	254837	16.706	ug/l	99
74) N-amyl acetate	10.88	43	113590	15.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	53761	20.288	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80861m	16.990	ug/l	
77) Bromobenzene	11.24	156	65508	16.637	ug/l	100
78) n-propylbenzene	11.34	91	291760	16.441	ug/l	100
79) 2-Chlorotoluene	11.40	91	174117	16.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	212834	16.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	30536	15.290	ug/l	99
82) 4-Chlorotoluene	11.49	91	207181	16.749	ug/l	100
83) tert-Butylbenzene	11.76	119	182849	16.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	216289	16.610	ug/l	99
85) sec-Butylbenzene	11.93	105	239016	15.948	ug/l	100
86) p-Isopropyltoluene	12.05	119	219456	15.772	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118165	16.714	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119517	16.656	ug/l	99
89) n-Butylbenzene	12.37	91	186373	14.662	ug/l	100
90) Hexachloroethane	12.58	117	37790	15.814	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	110266	16.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19896	15.862	ug/l	99

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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)
93) 1,2,4-Trichlorobenzene	13.63	180	78284	15.532	ug/l	99
94) Hexachlorobutadiene	13.77	225	31605	14.934	ug/l	99
95) Naphthalene	13.82	128	264759	16.223	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	80228	16.288	ug/l	96

(#) = 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: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion:168 Resp: 277208

Ion Ratio Lower Upper

168 100

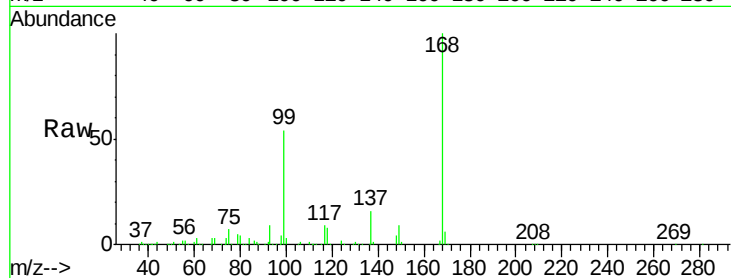
99 53.9 45.0 67.4

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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

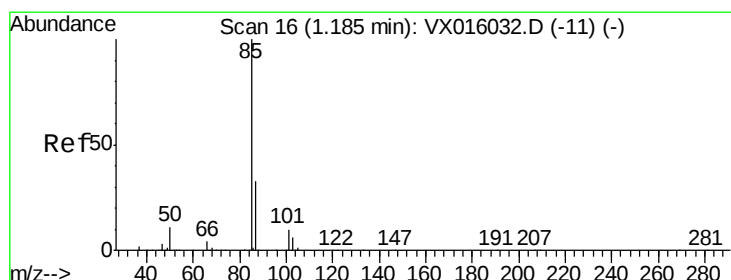
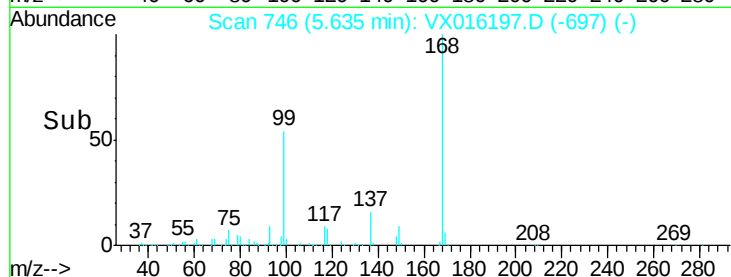
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.775 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016197.D

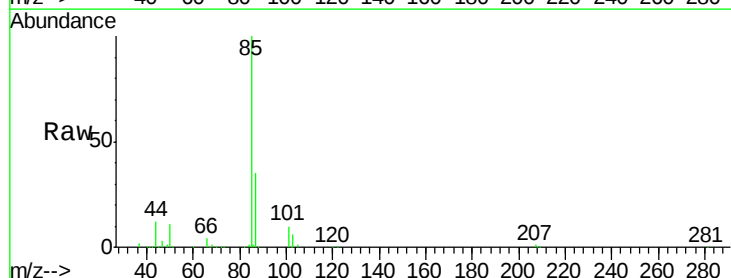
Acq: 13 May 2020 23:01

Tgt Ion: 85 Resp: 49222

Ion Ratio Lower Upper

85 100

87 34.5 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

60000

50000

40000

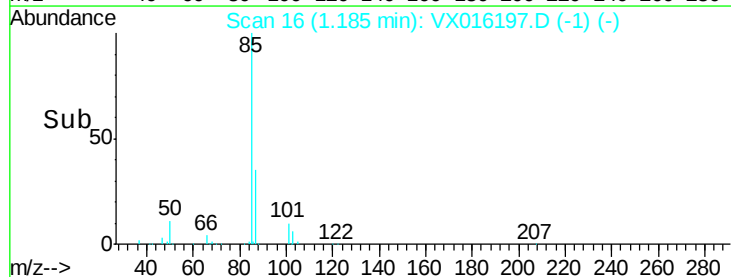
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.512 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 50 Resp: 56265

Ion Ratio Lower Upper

50 100

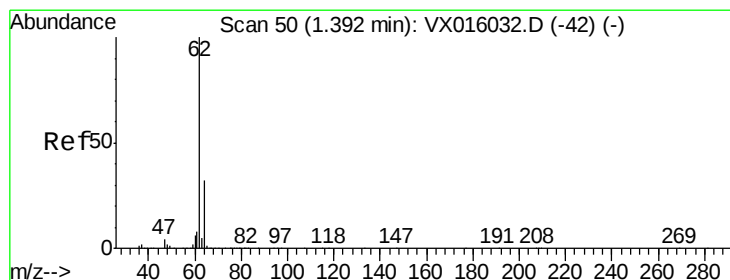
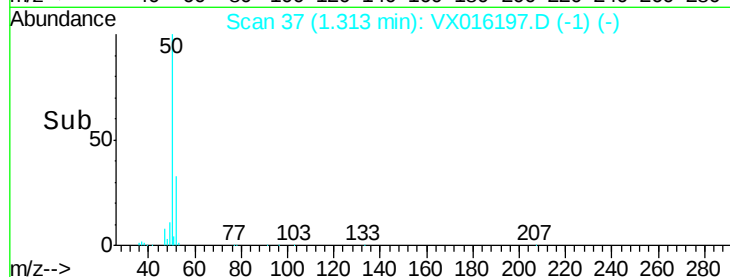
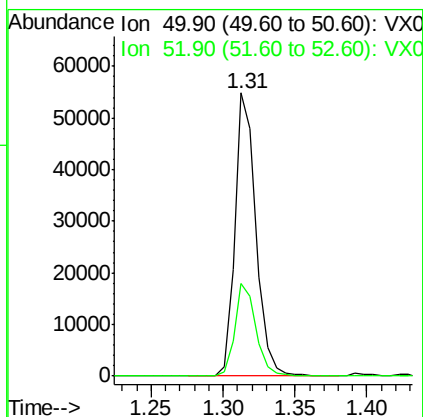
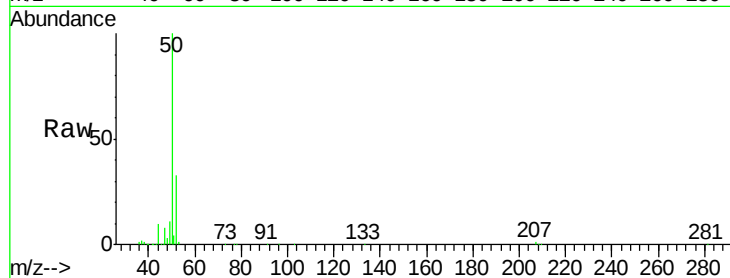
52 32.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.427 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016197.D

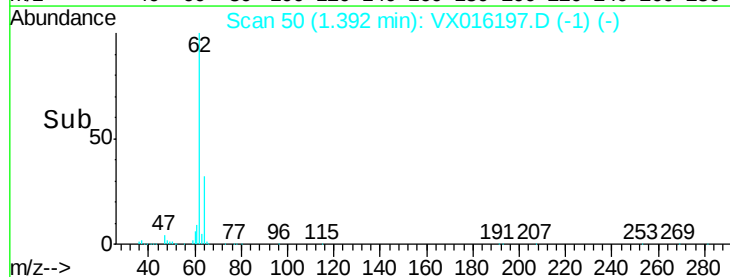
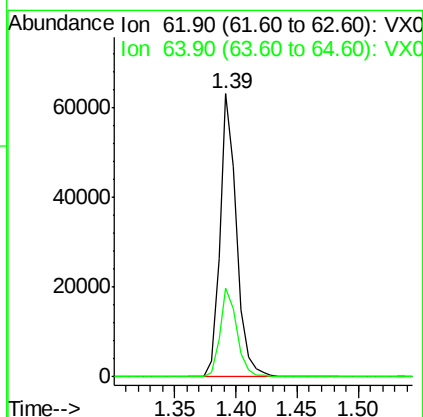
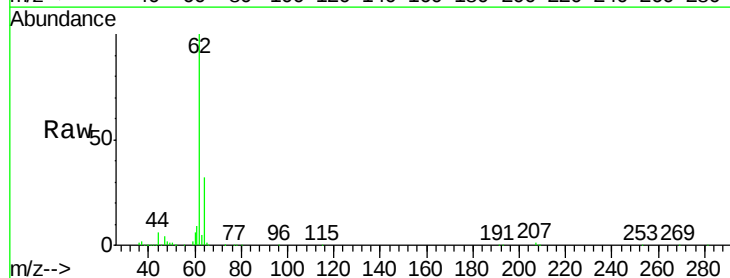
Acq: 13 May 2020 23:01

Tgt Ion: 62 Resp: 59719

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 19.328 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 94 Resp: 35425

Ion Ratio Lower Upper

94 100

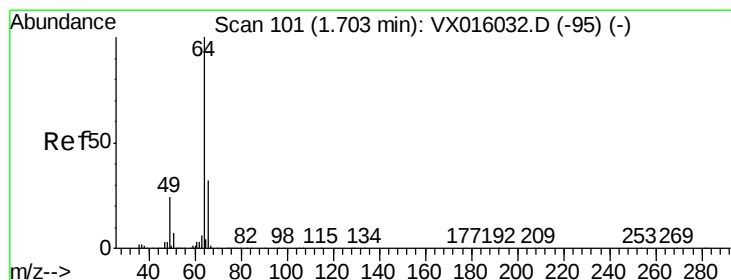
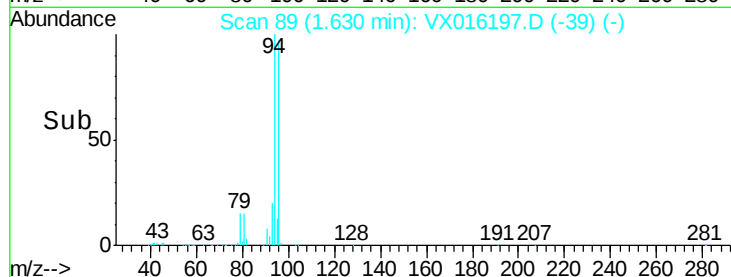
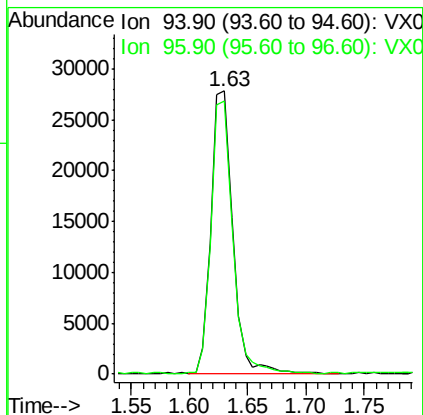
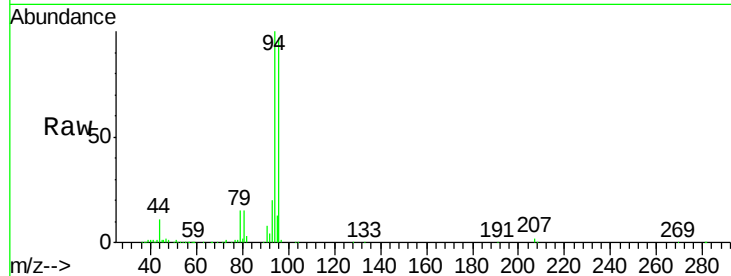
96 96.4 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 16.560 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016197.D

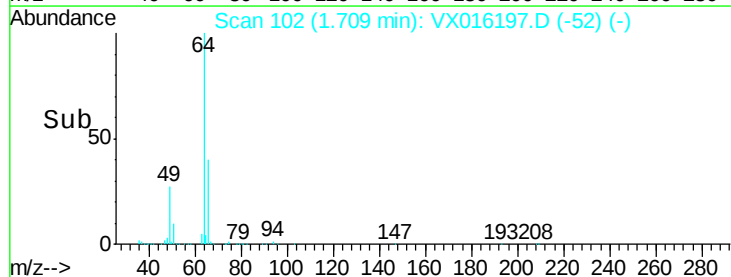
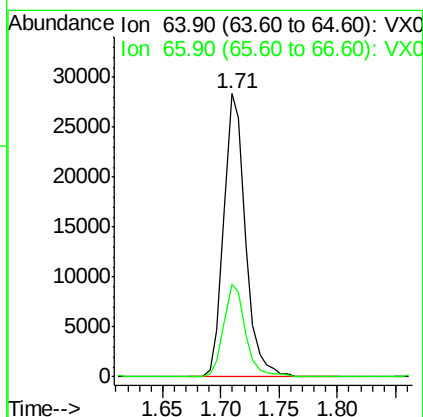
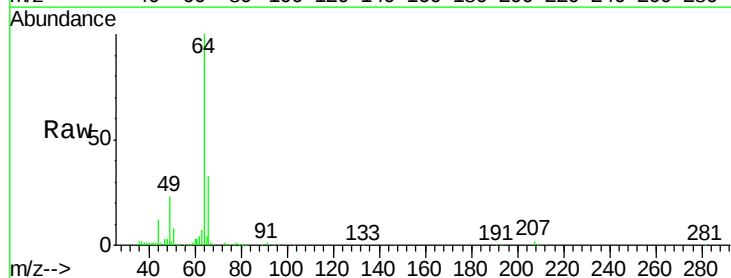
Acq: 13 May 2020 23:01

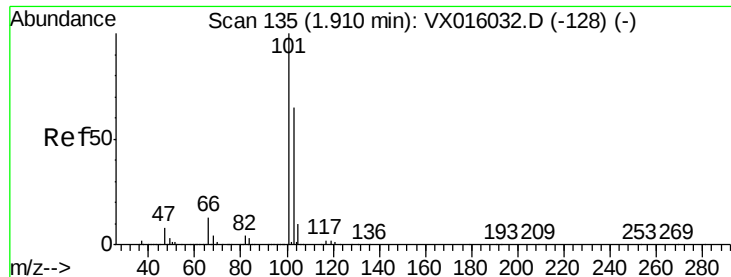
Tgt Ion: 64 Resp: 36630

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8





#7

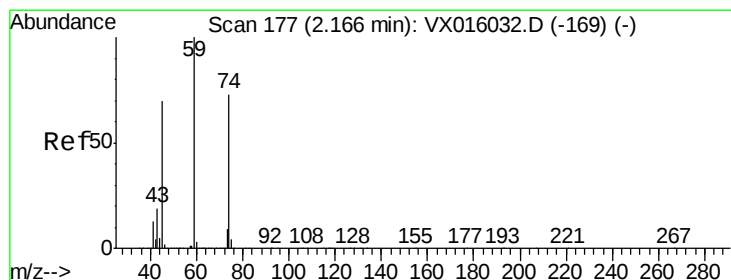
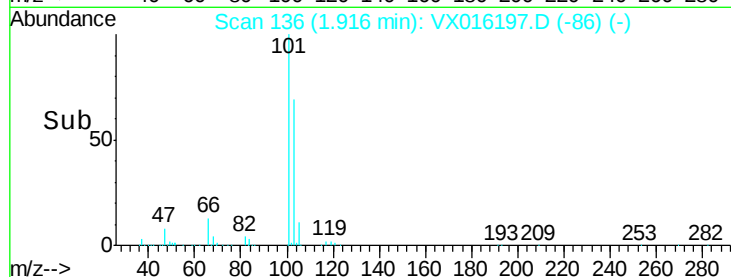
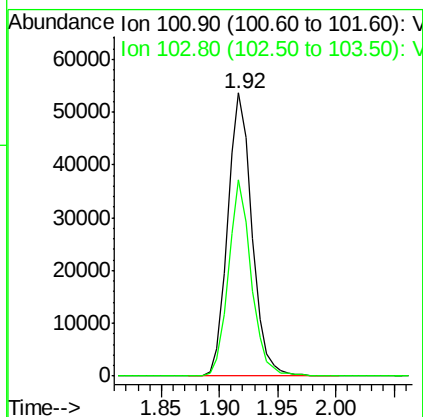
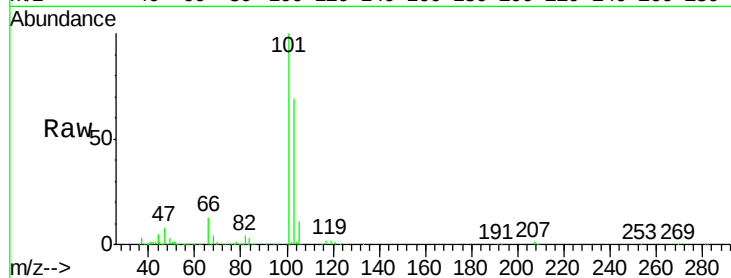
Trichlorofluoromethane
Concen: 16.281 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016197.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.2	51.8	77.6

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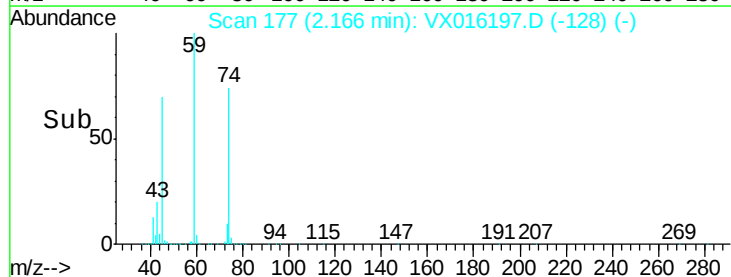
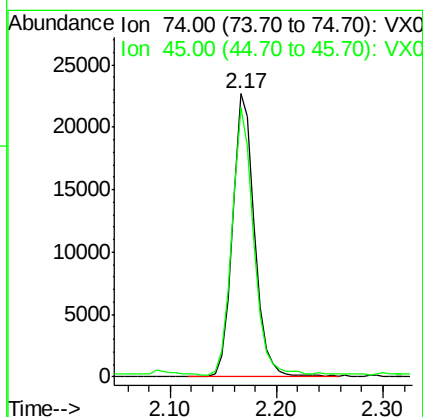
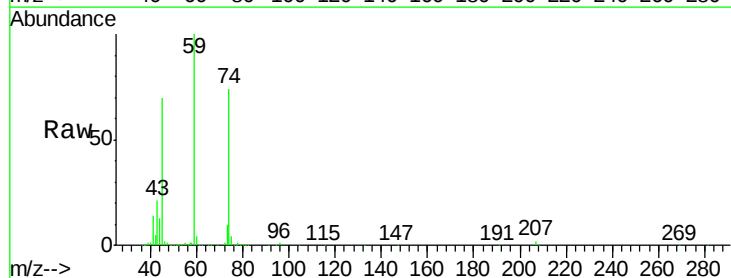
MMDadoda
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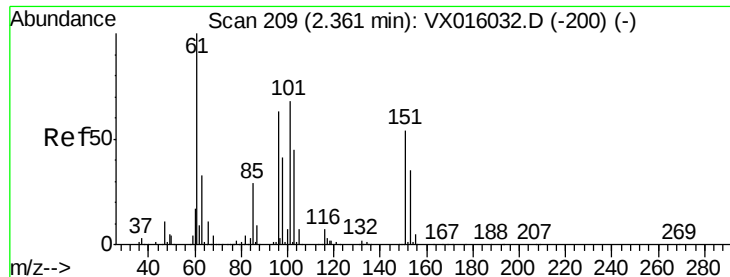


#8

Diethyl Ether
Concen: 16.320 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.212 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

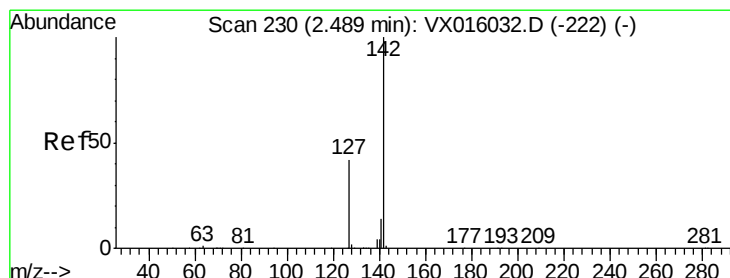
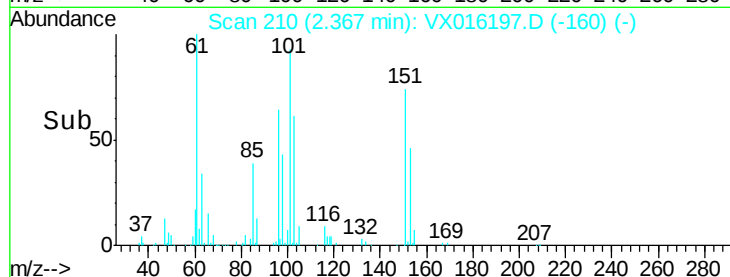
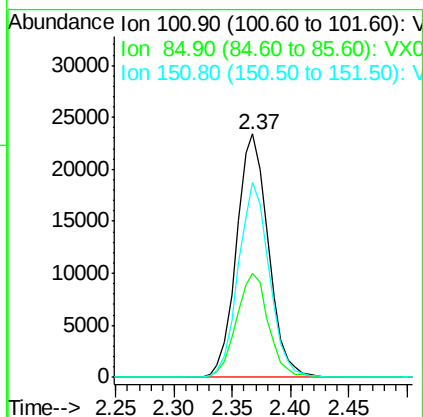
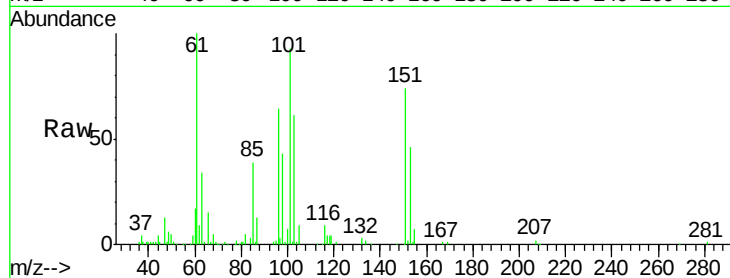
ClientSampleId :

VX0513WBS02

Tot Ion:	101	Resp:	44642
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.2	51.4
151	78.0	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 11.142 ug/l

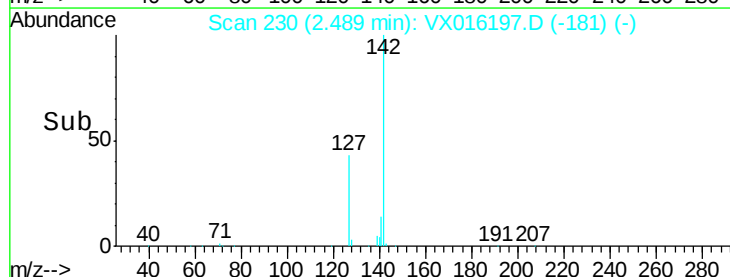
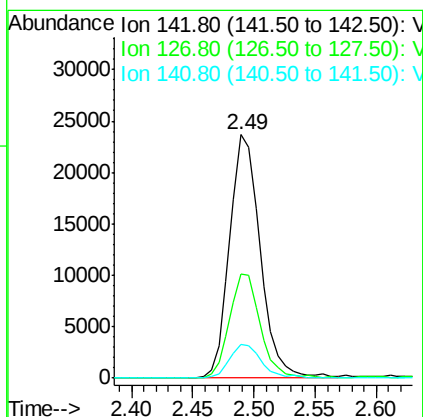
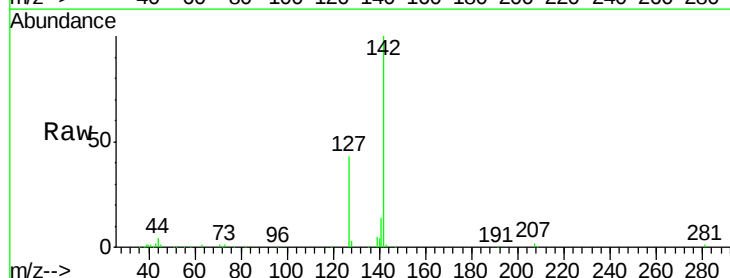
RT: 2.49 min Scan# 230

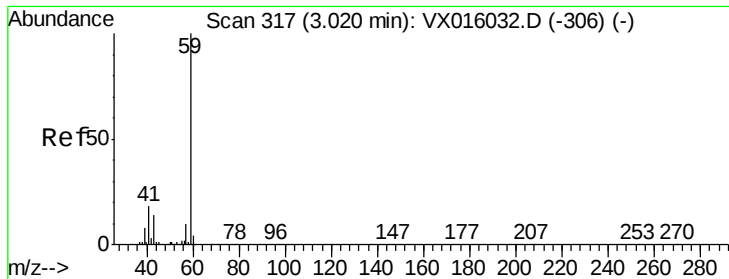
Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	142	Resp:	41212
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	14.1	11.3	16.9





#11

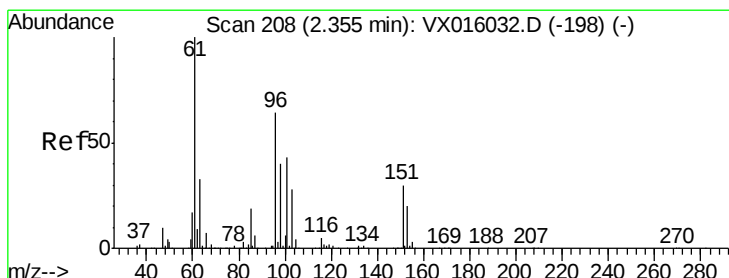
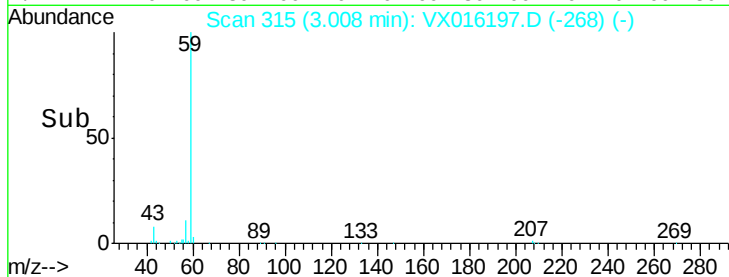
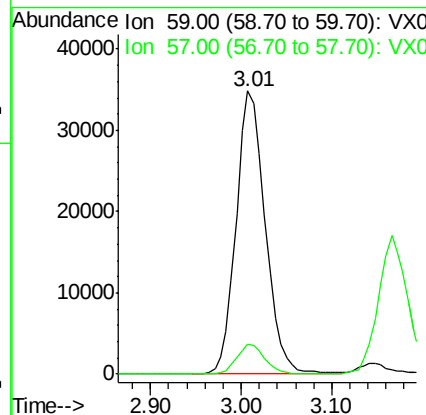
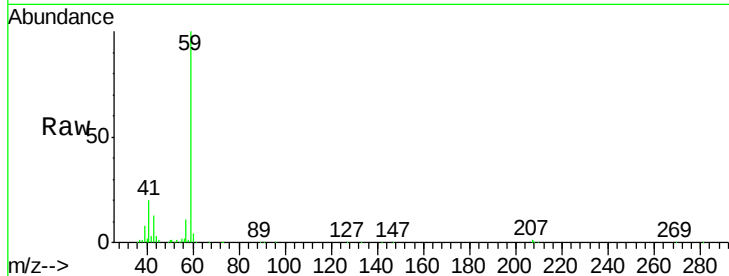
Tert butyl alcohol
 Concen: 84.559 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
 APPROVED

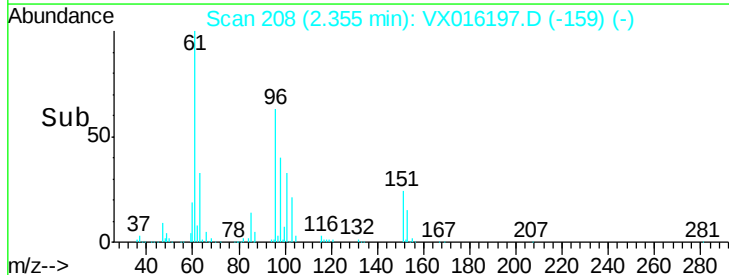
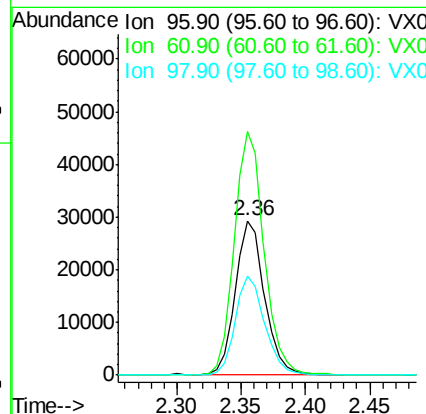
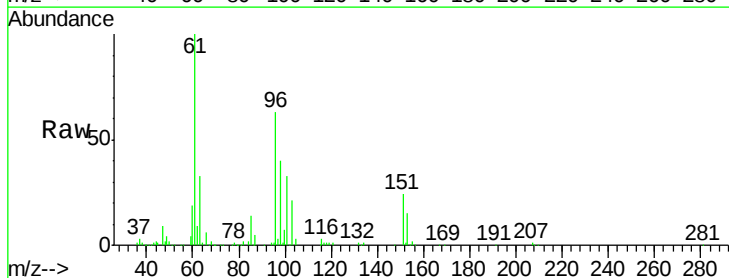
MMDadoda
 5/14/2020 12:16:04 PM

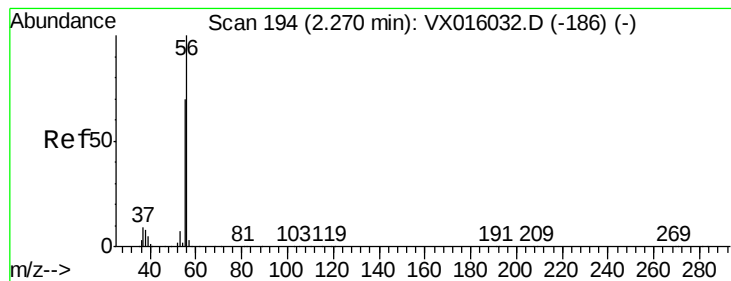


#12

1,1-Dichloroethene
 Concen: 15.951 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	124.8	187.2
98	64.1	49.7	74.5





#13

Acrolein

Concen: 67.719 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 56 Resp: 39089

Ion Ratio Lower Upper

56 100

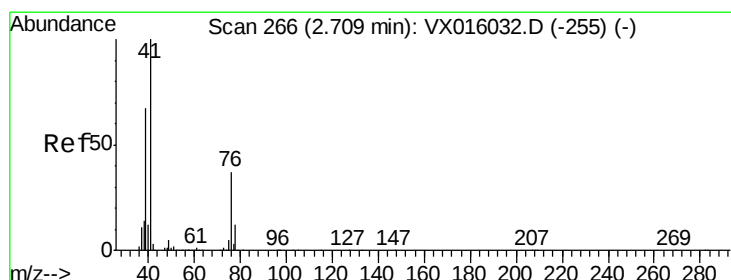
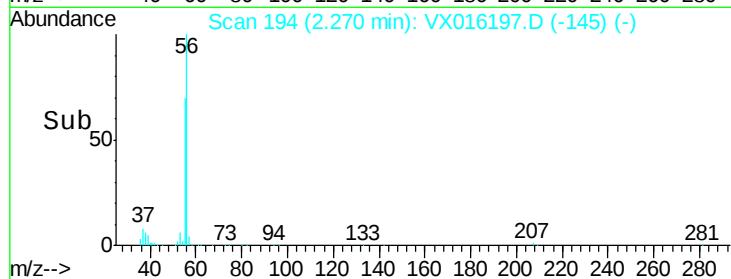
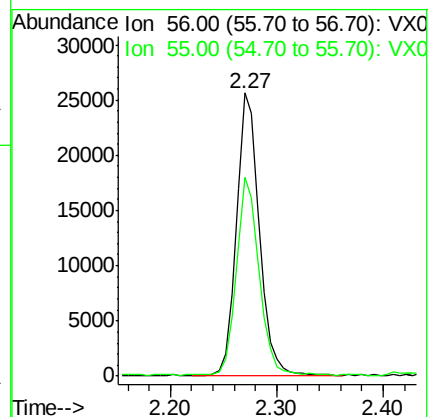
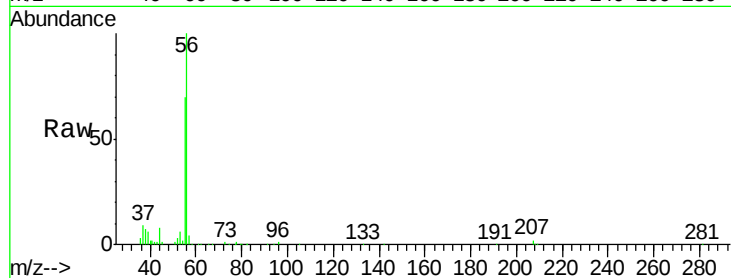
55 68.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 16.092 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

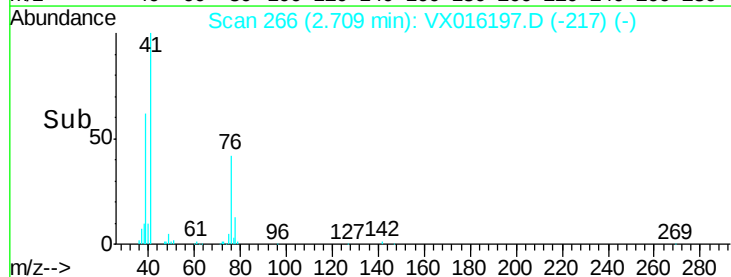
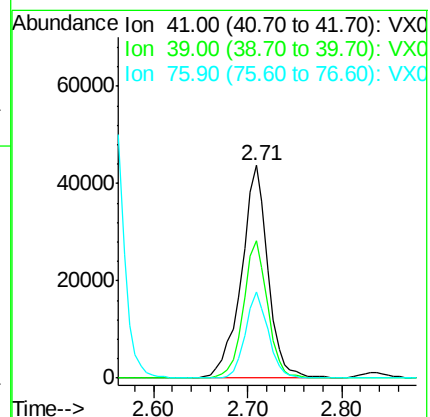
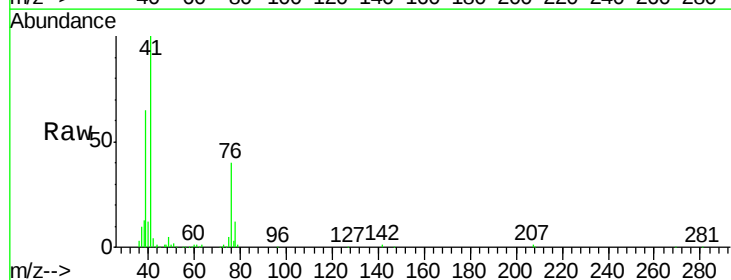
Tgt Ion: 41 Resp: 85021

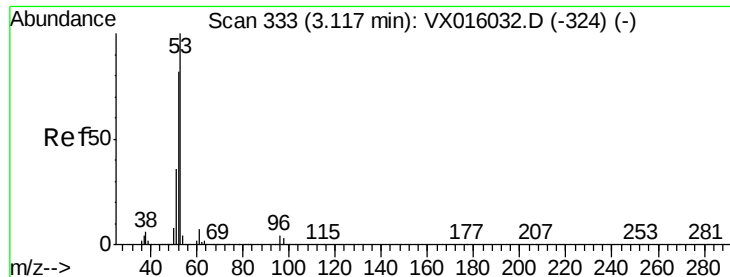
Ion Ratio Lower Upper

41 100

39 59.4 50.5 75.7

76 35.0 26.6 40.0





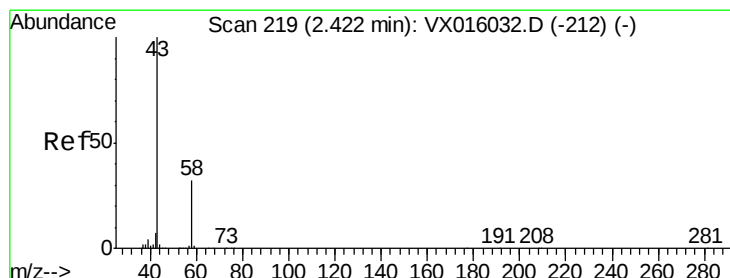
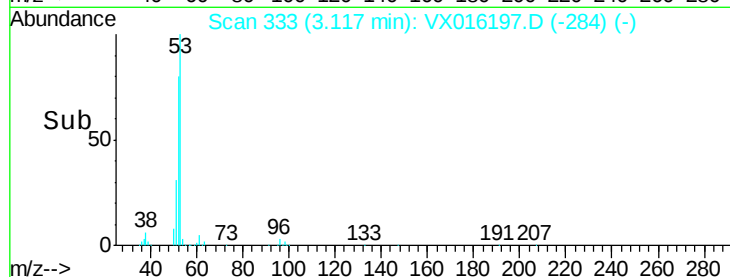
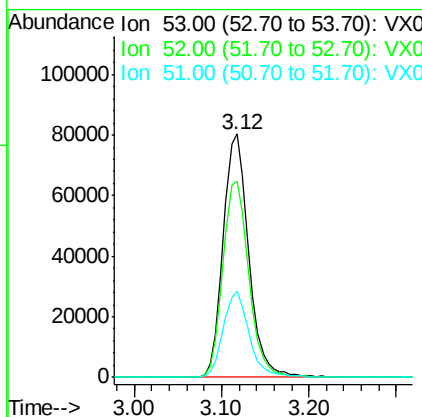
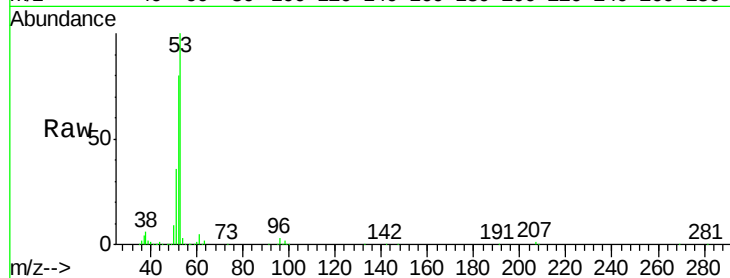
#15
 Acrylonitrile
 Concen: 85.364 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion:	53	Resp:	163351
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.1	99.1
51	36.0	28.8	43.2

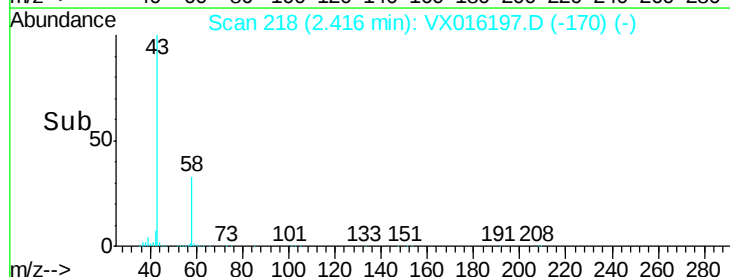
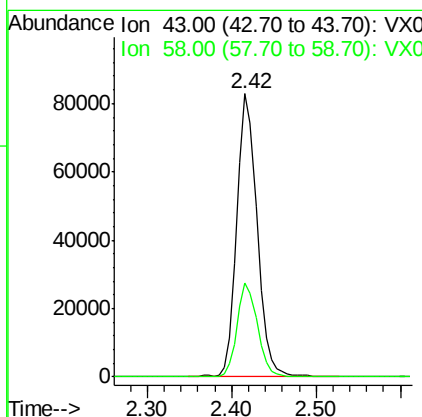
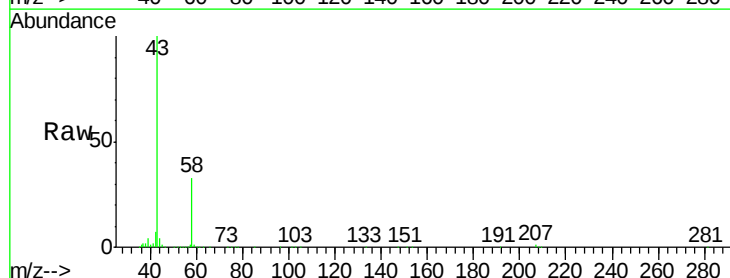
Manual Integrations
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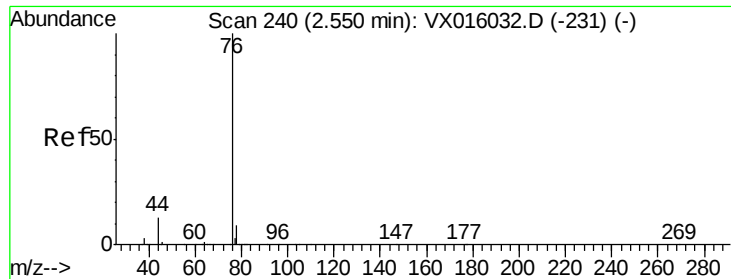
MMDadoda
 5/14/2020 12:16:04 PM



#16
 Acetone
 Concen: 82.037 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion:	43	Resp:	133524
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.0





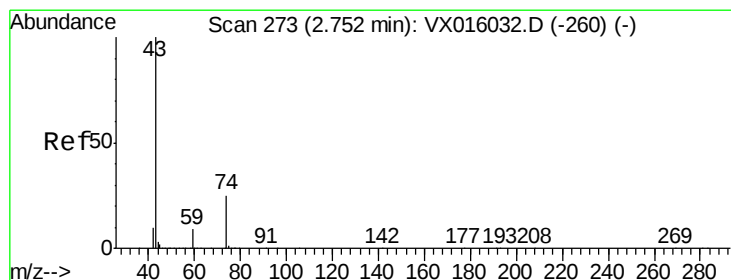
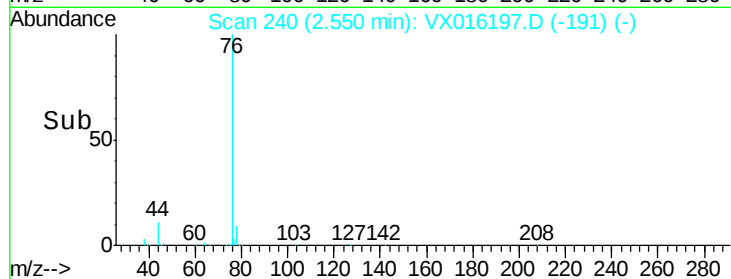
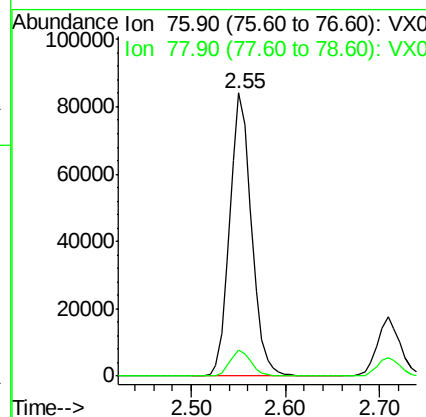
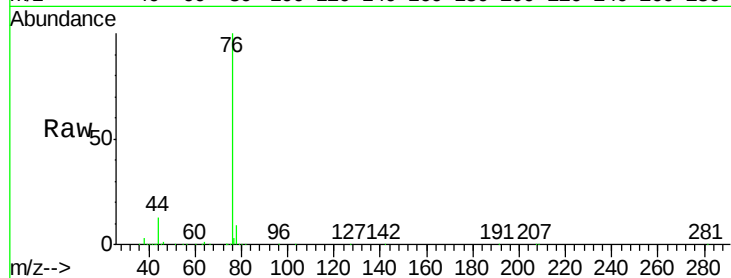
#17
Carbon Disulfide
Concen: 15.500 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

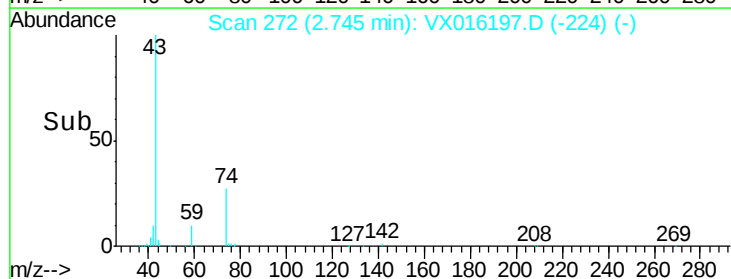
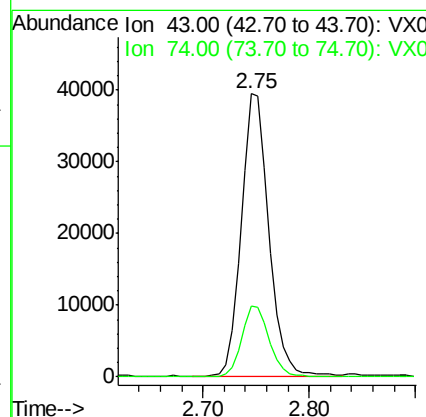
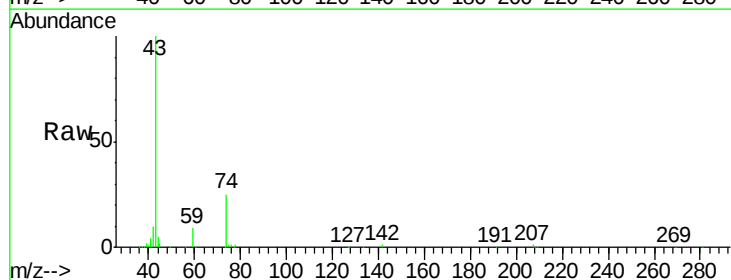
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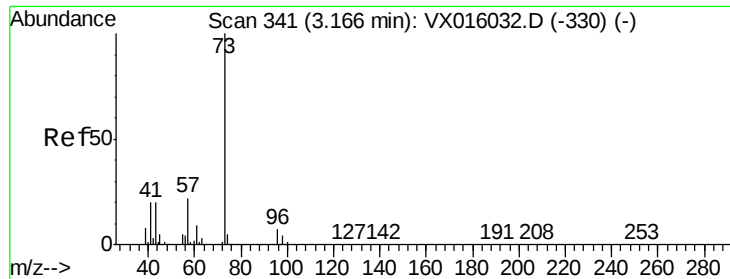
MMDadoda
5/14/2020 12:16:04 PM



#18
Methyl Acetate
Concen: 17.864 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.2	30.2





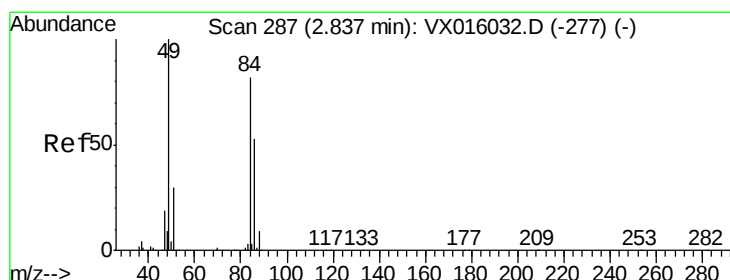
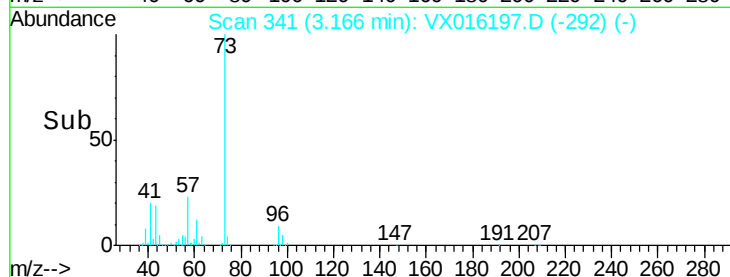
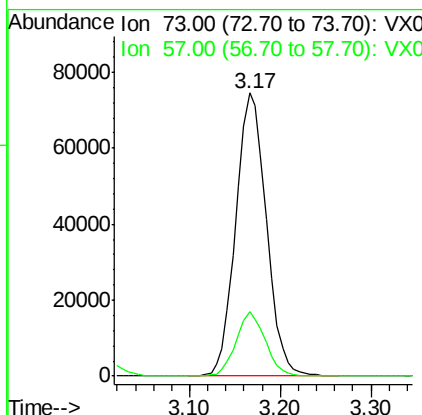
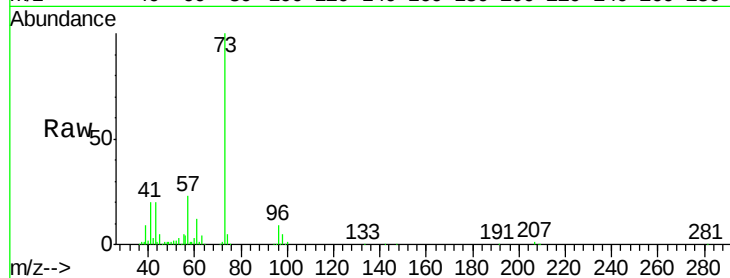
#19
Methvl tert-butvl Ether
Concen: 17.480 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.8	26.6

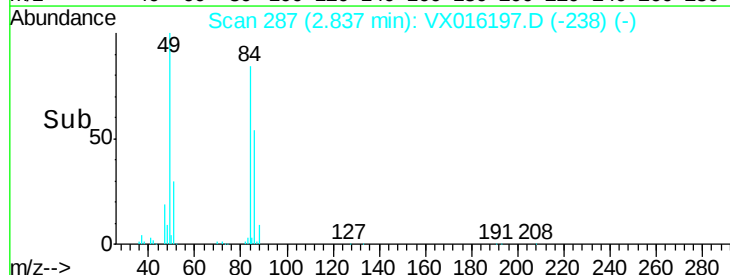
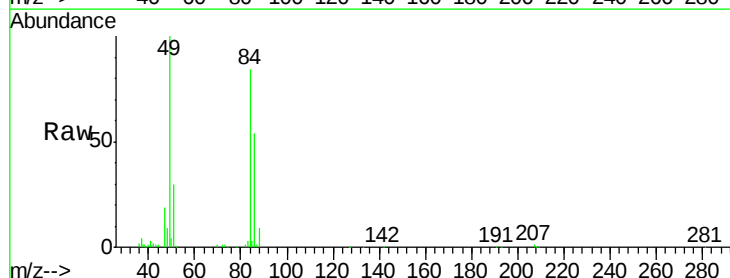
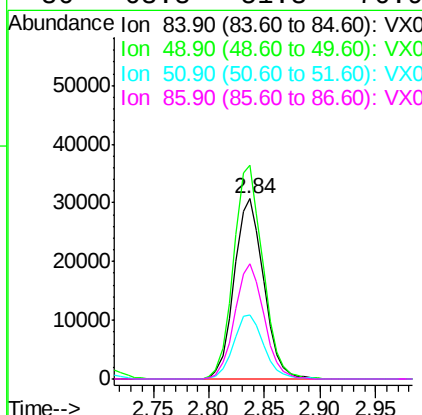
Manual Integrations
APPROVED

MMDadoda
5/14/2020 12:16:04 PM



#20
Methylene Chloride
Concen: 16.788 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	97.3	145.9
51	35.6	29.3	43.9
86	63.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 16.427 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

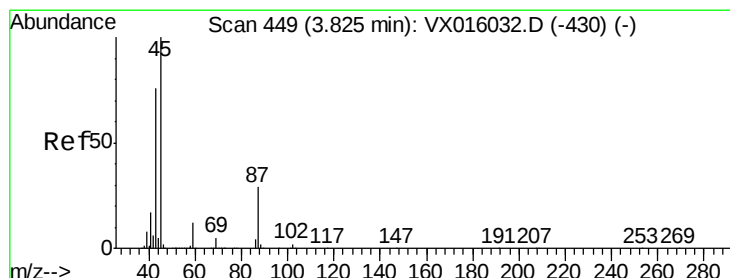
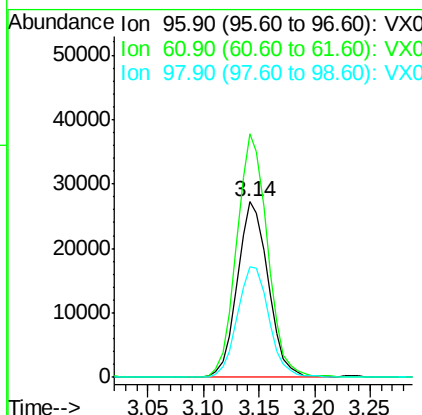
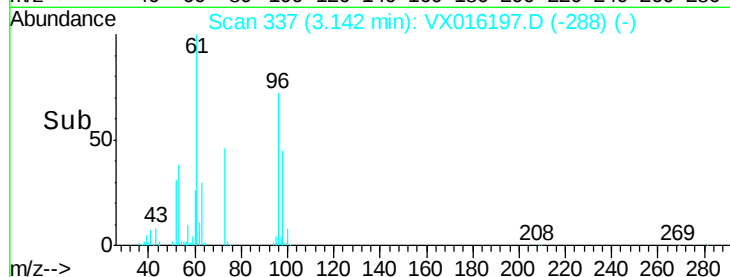
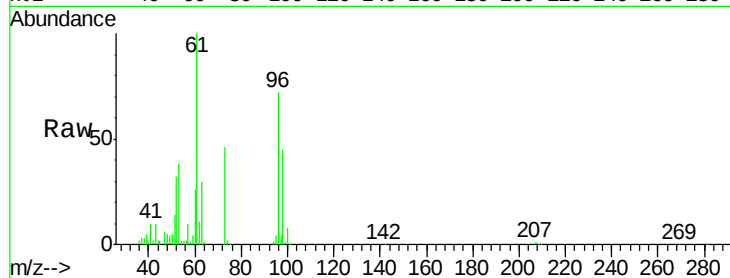
ClientSampleId :

VX0513WBS02

Tot Ion:	96	Resp:	52750
Ion	Ratio	Lower	Upper
96	100		
61	138.9	111.2	166.8
98	62.8	50.2	75.4

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 17.328 ug/l

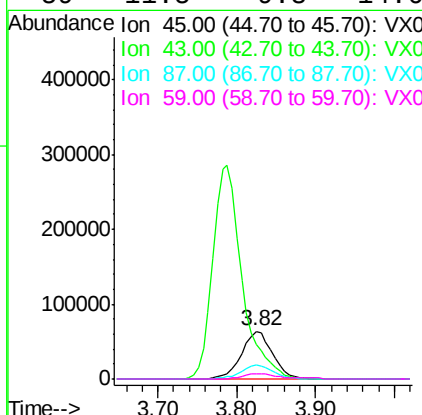
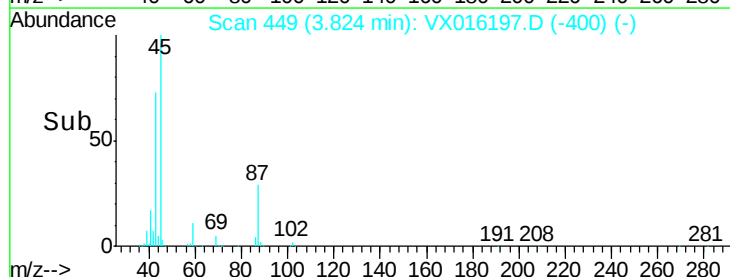
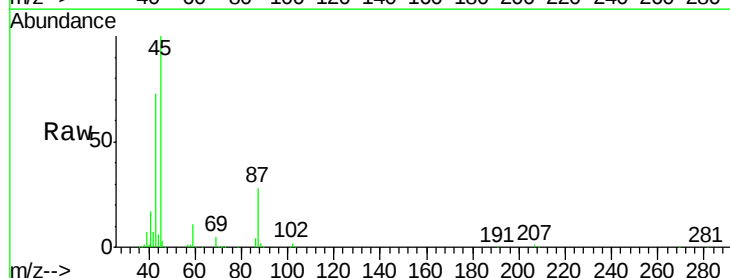
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	45	Resp:	172717
Ion	Ratio	Lower	Upper
45	100		
43	72.5	61.1	91.7
87	28.5	23.0	34.6
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 84.419 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 43 Resp: 740313

Ion Ratio Lower Upper

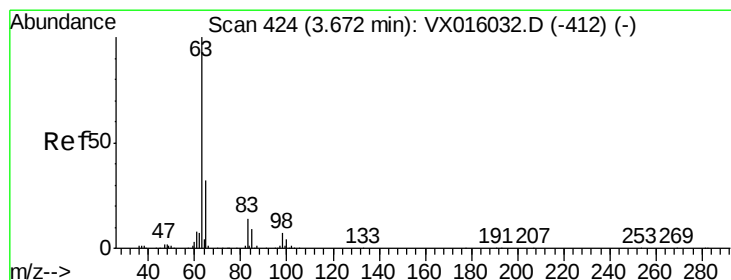
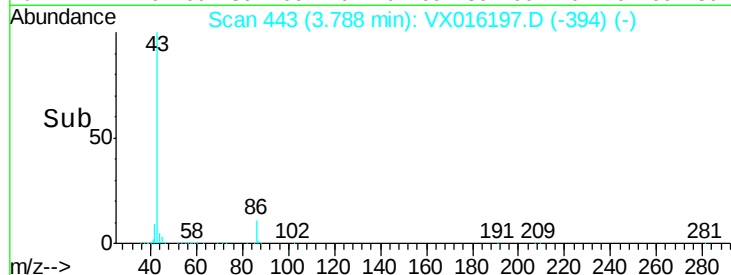
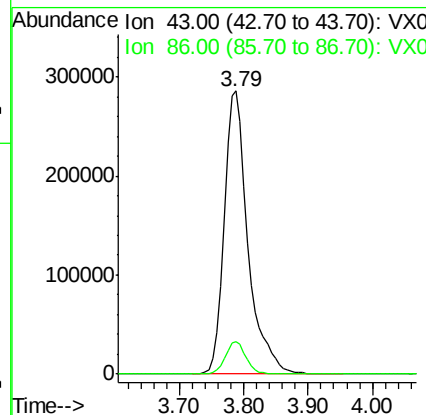
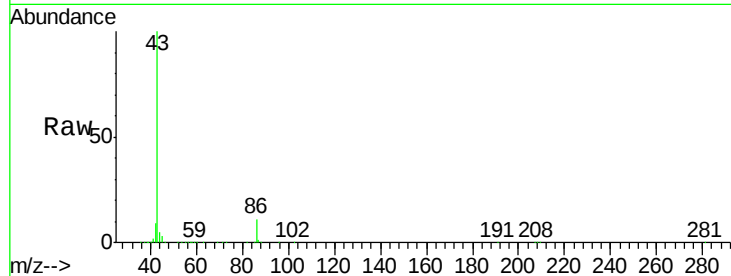
43 100

86 11.4 9.0 13.4

Manual Integrations
APPROVED

MMDadoda

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#24

1,1-Dichloroethane

Concen: 17.259 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

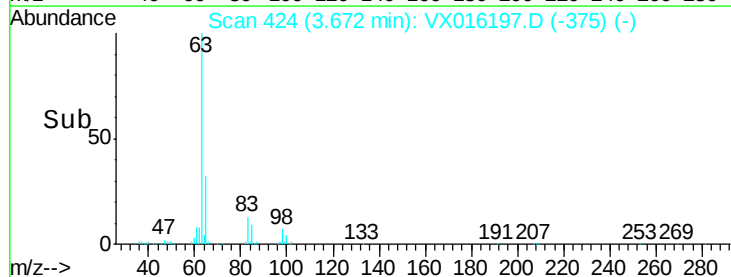
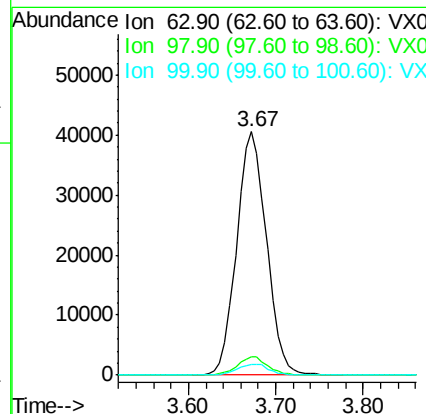
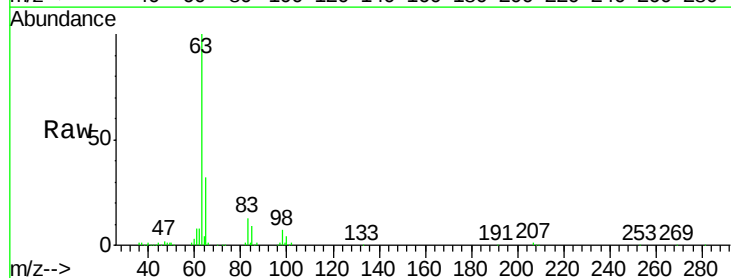
Tgt Ion: 63 Resp: 96237

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 86.675 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 43 Resp: 227326

Ion Ratio Lower Upper

43 100

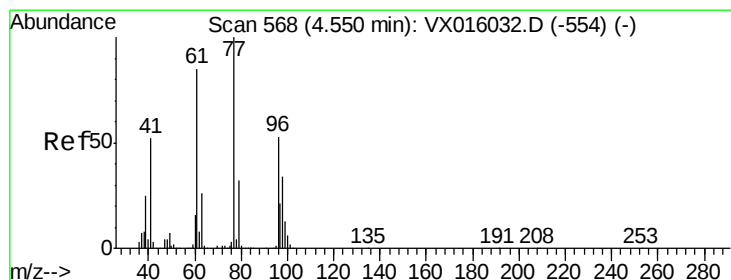
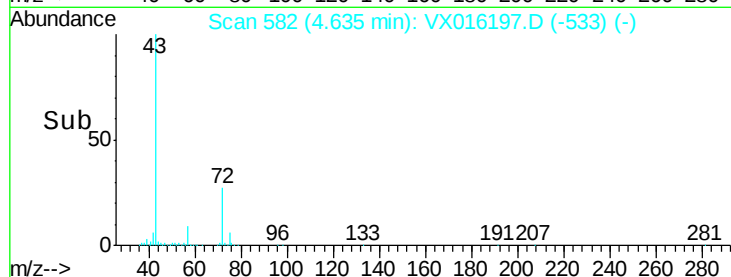
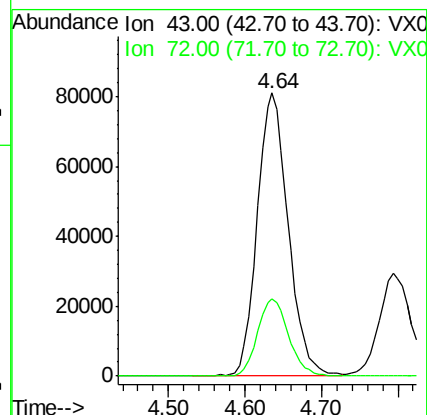
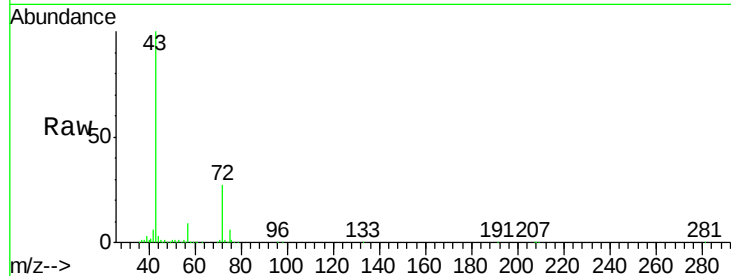
72 27.2 21.8 32.8

Manual Integrations

APPROVED

MMDadoda

5/14/2020 12:16:04 PM



#26

2,2-Dichloropropane

Concen: 14.221 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016197.D

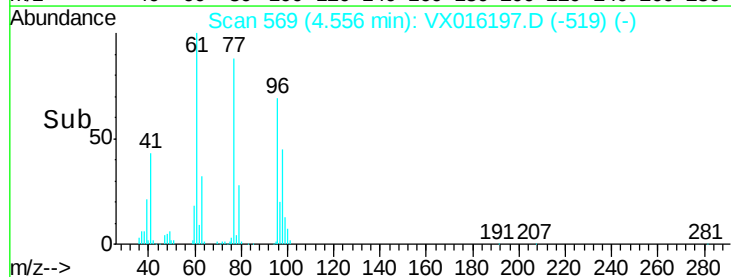
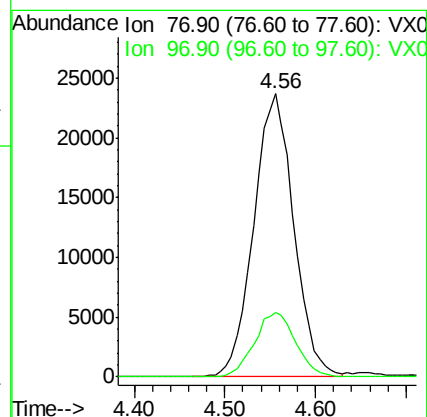
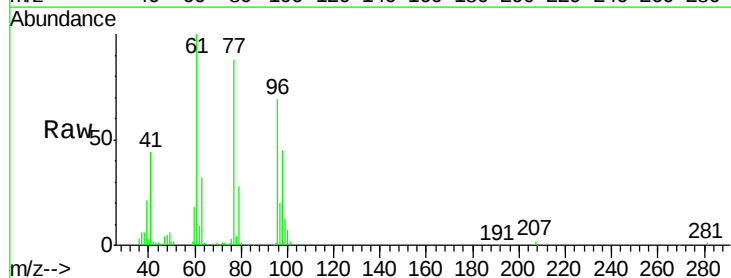
Acq: 13 May 2020 23:01

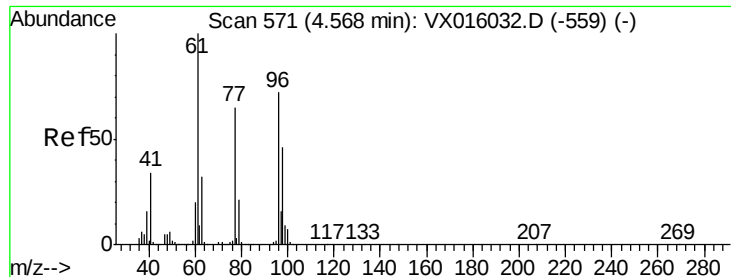
Tgt Ion: 77 Resp: 72419

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6





#27

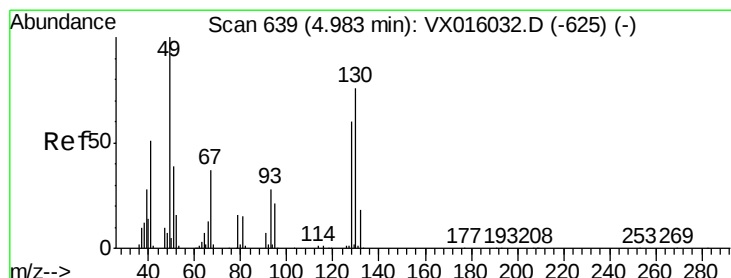
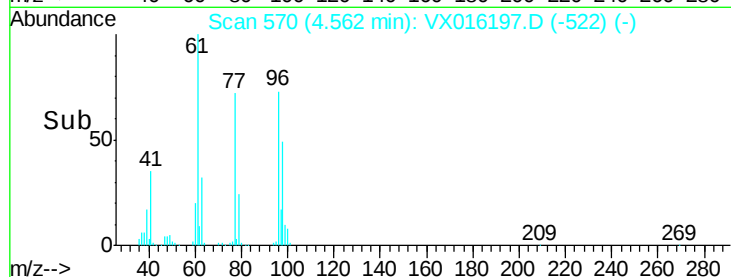
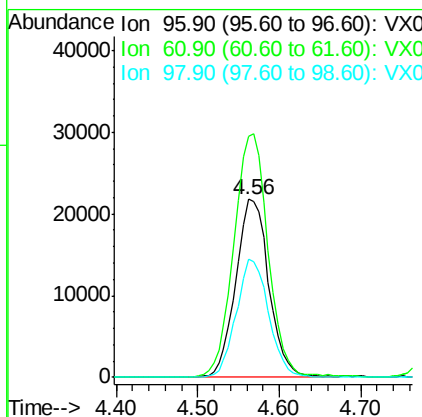
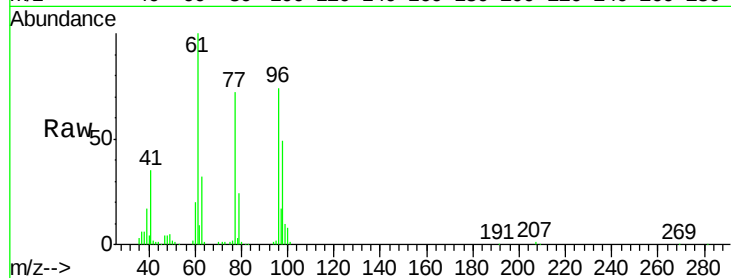
cis-1,2-Dichloroethene
Concen: 17.557 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	296.2
98	64.6	0.0	129.4

Manual Integrations
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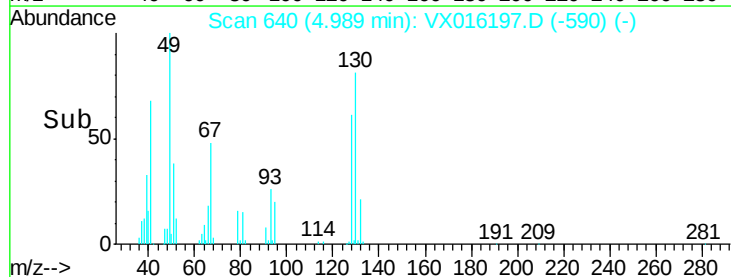
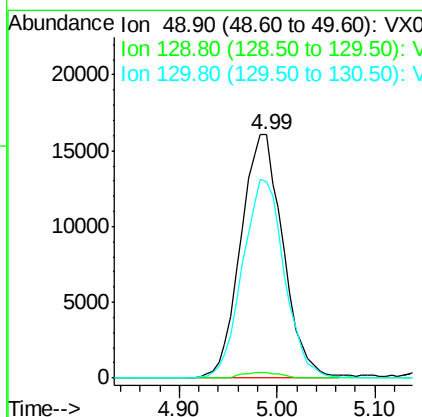
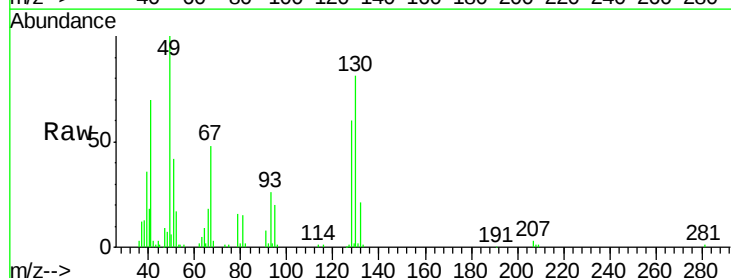
MMDadoda
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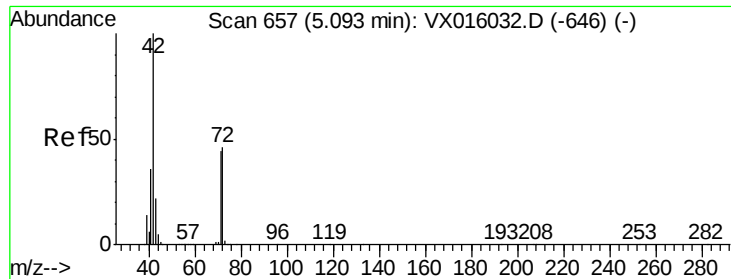


#28

Bromochloromethane
Concen: 18.995 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	81.0	62.4	93.6





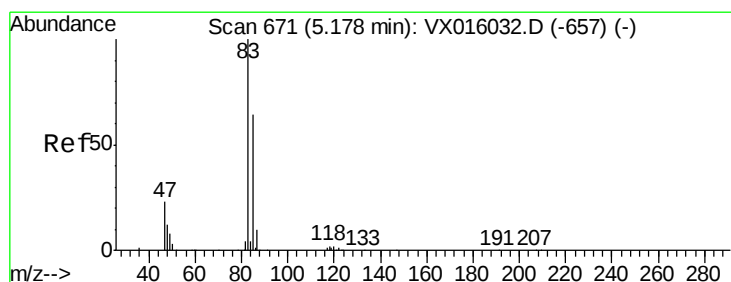
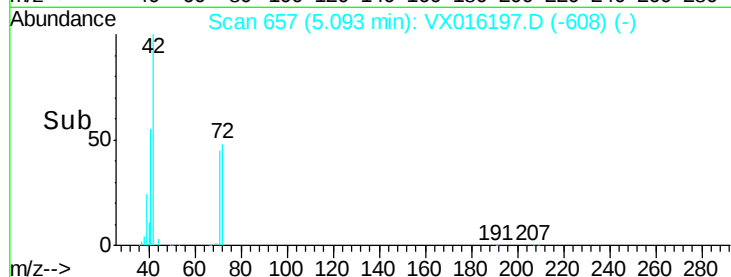
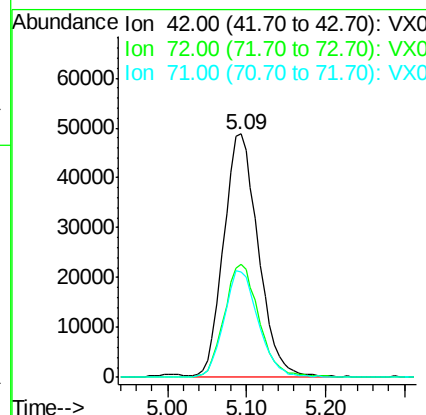
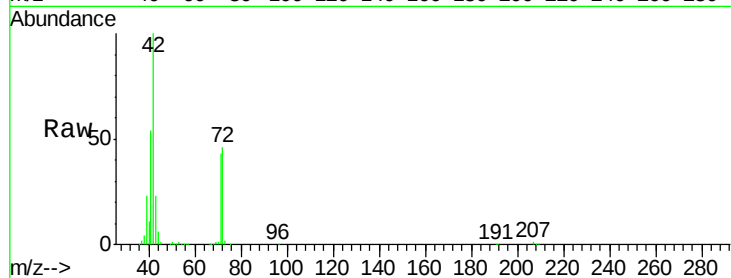
#29
Tetrahydrofuran
Concen: 85.536 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.1	55.7
71	43.5	34.5	51.7

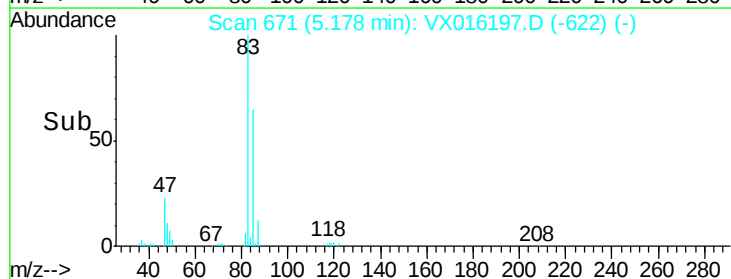
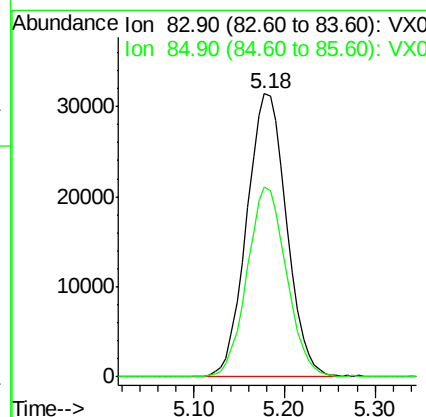
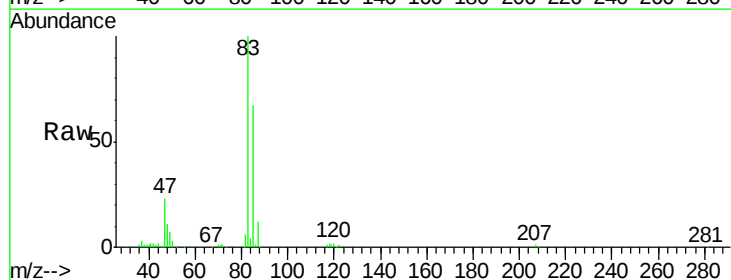
Manual Integrations
APPROVED

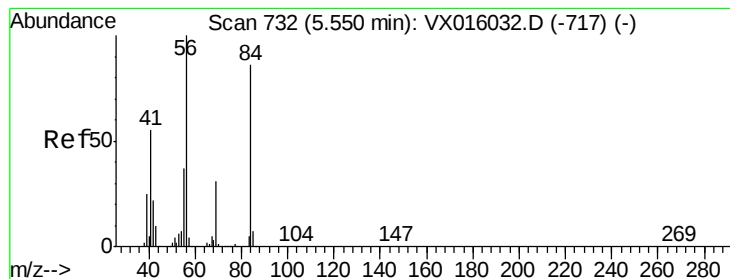
MMDadoda
5/14/2020 12:16:04 PM



#30
Chloroform
Concen: 17.234 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.6	77.4





#31

Cyclohexane

Concen: 16.287 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

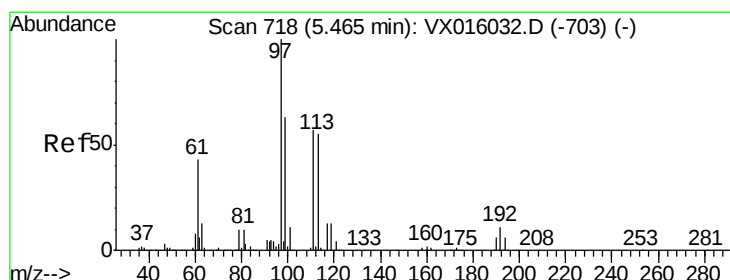
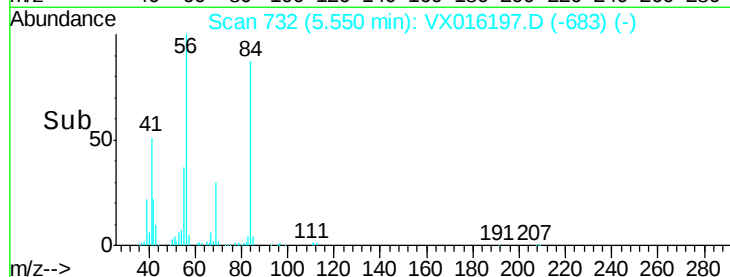
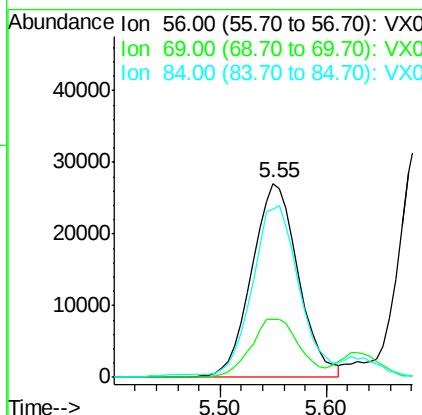
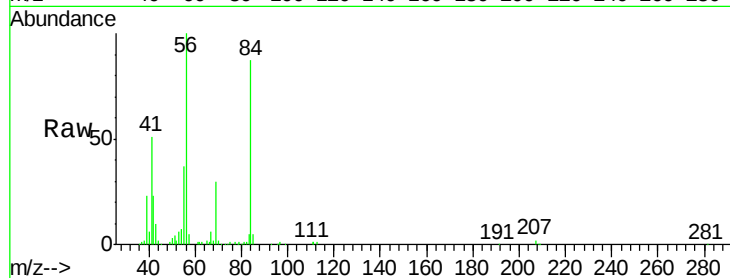
ClientSampleId :

VX0513WBS02

Tot Ion:	56	Resp:	82536
Ion Ratio	Lower	Upper	
56	100		
69	30.1	25.0	37.6
84	84.9	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.073 ug/l

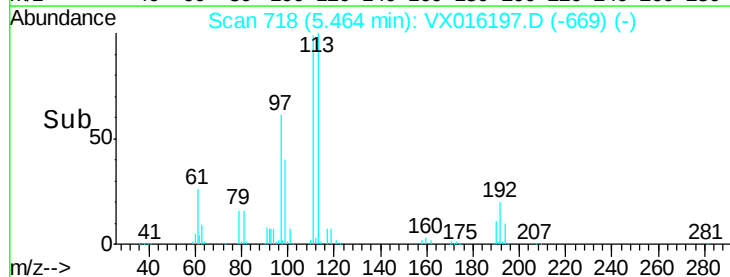
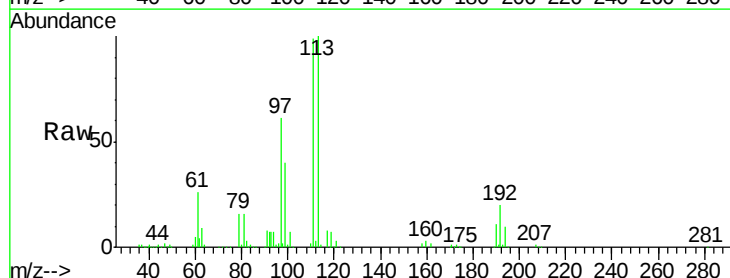
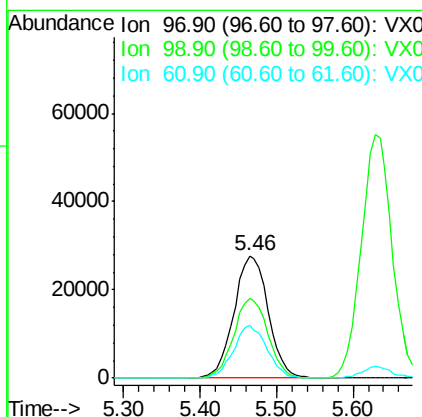
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	97	Resp:	86156
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.0	76.4
61	42.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.313 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 65 Resp: 165290

Ion Ratio Lower Upper

65 100

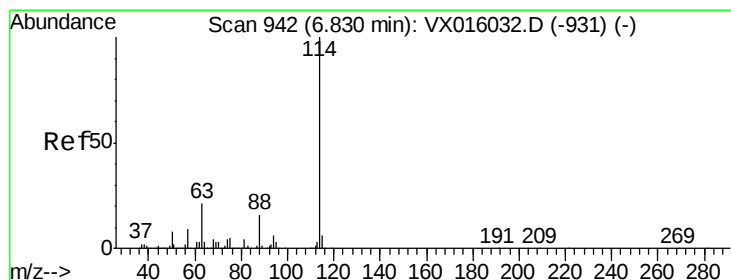
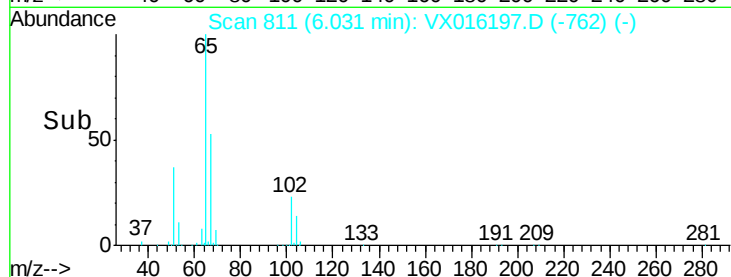
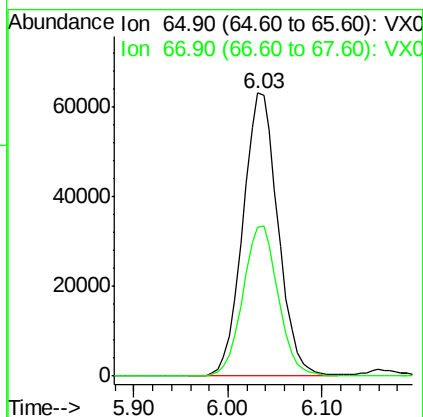
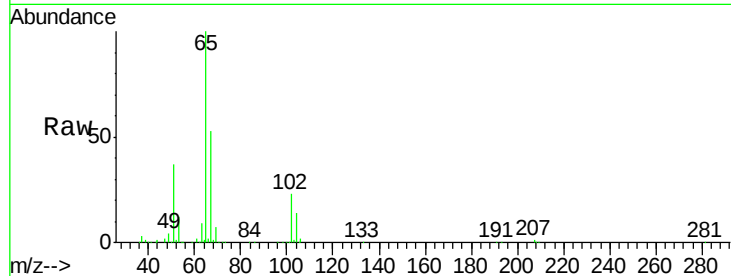
67 53.3 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

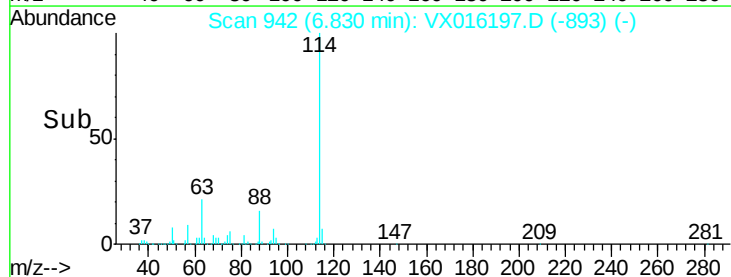
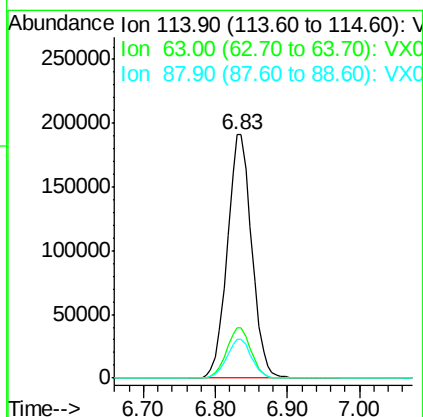
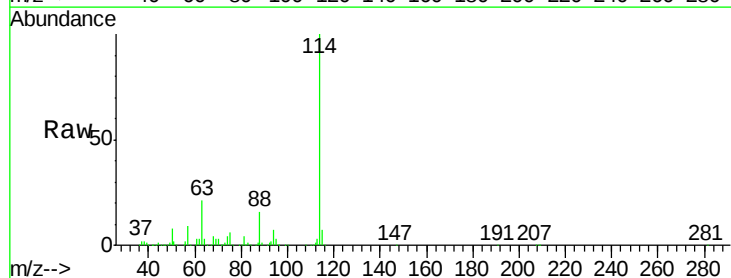
Tgt Ion: 114 Resp: 450546

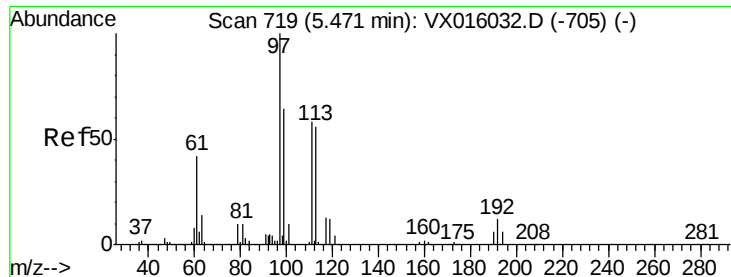
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 16.0 0.0 31.4





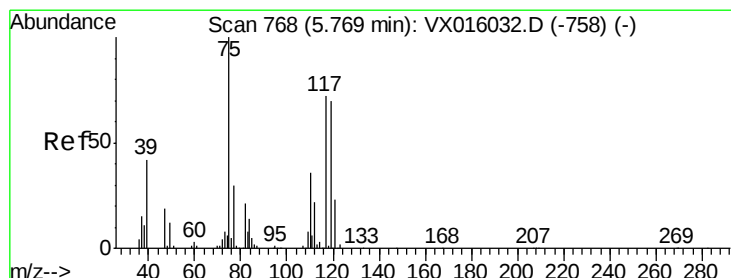
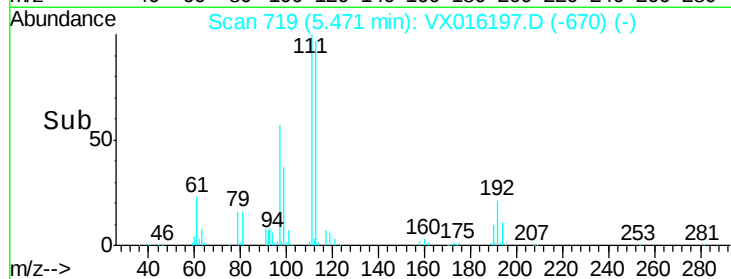
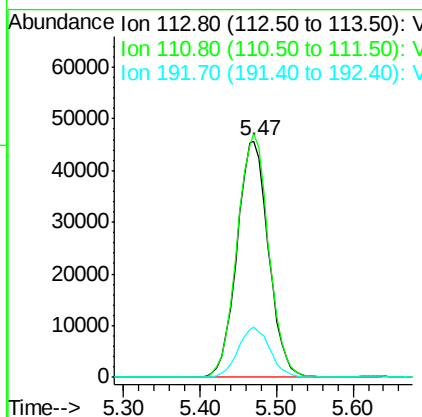
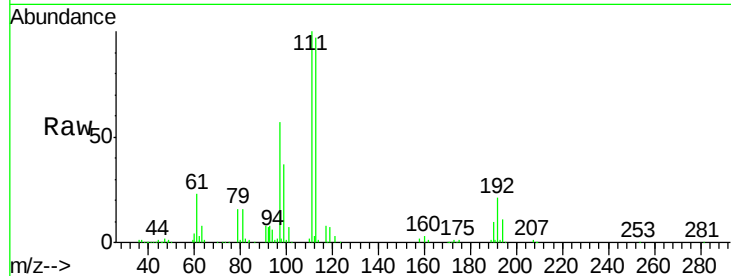
#35
 Dibromofluoromethane
 Concen: 45.805 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	81.6	122.4	
192	21.3	17.0	25.4	

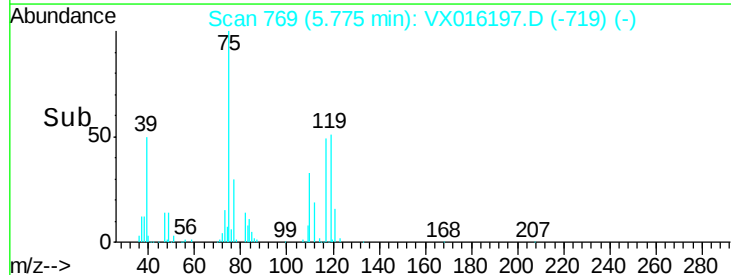
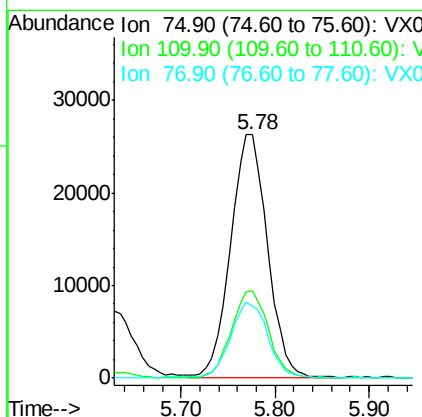
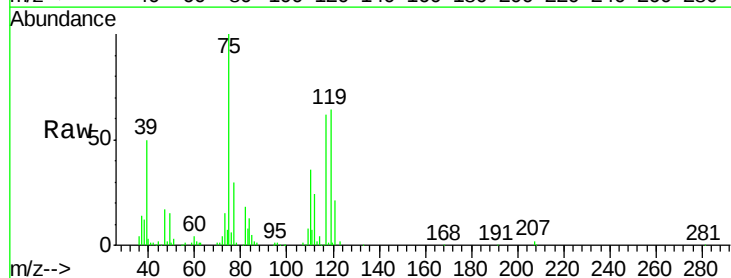
Manual Integrations
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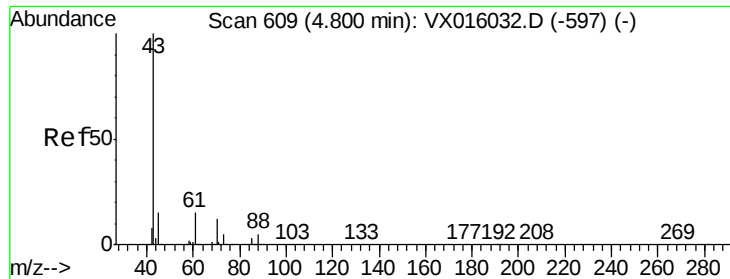
MMDadoda
 5/14/2020 12:16:04 PM



#36
 1,1-Dichloropropene
 Concen: 16.111 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.1	18.1	54.1	
77	31.7	25.0	37.6	





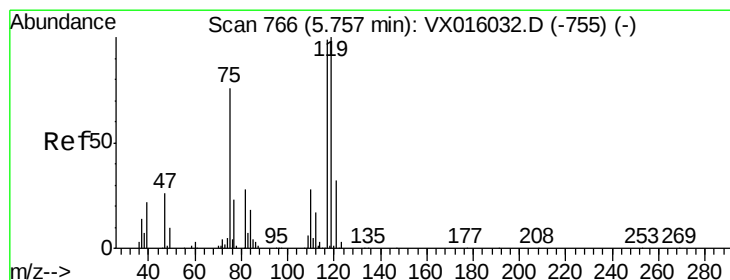
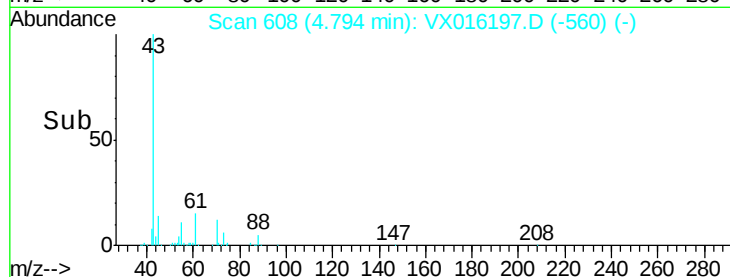
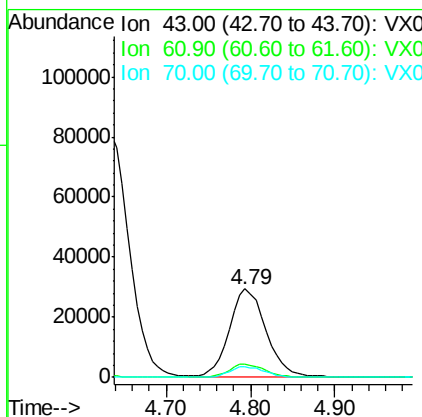
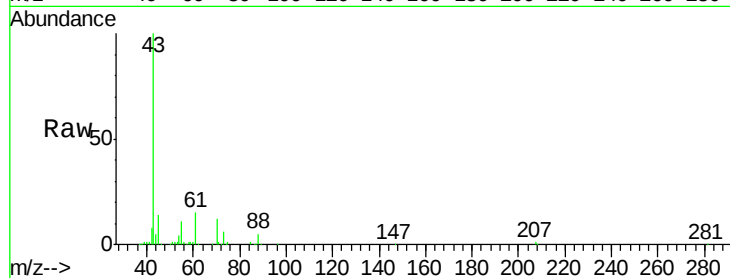
#37
Ethyl Acetate
Concen: 16.746 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.0	9.3	13.9

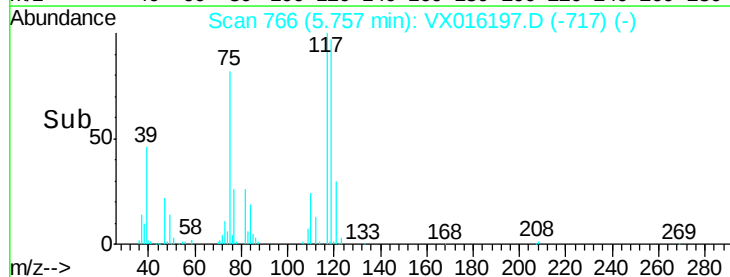
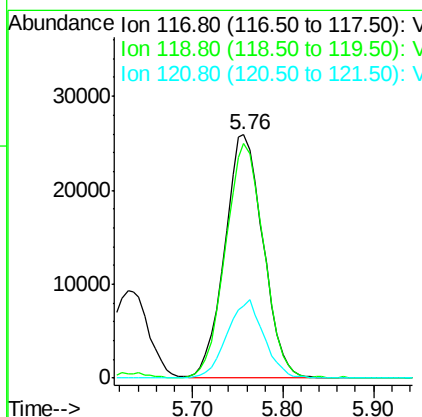
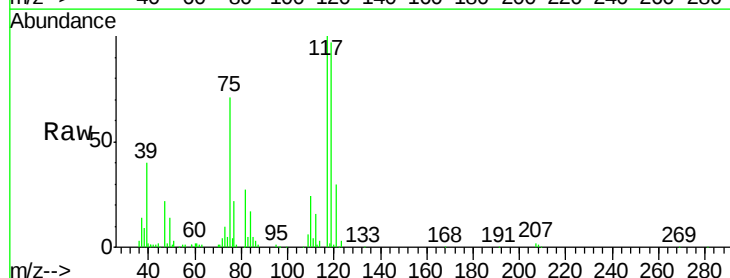
Manual Integrations
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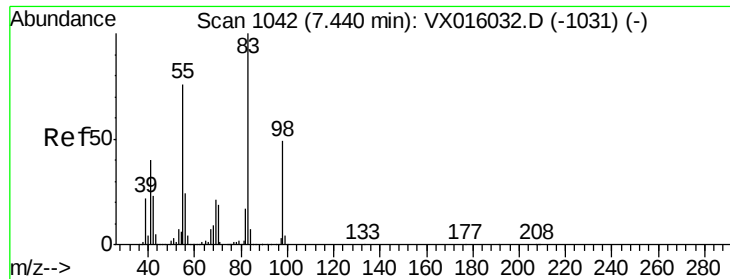
MMDadoda
5/14/2020 12:16:04 PM



#38
Carbon Tetrachloride
Concen: 16.904 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	80.3	120.5
121	29.9	25.7	38.5





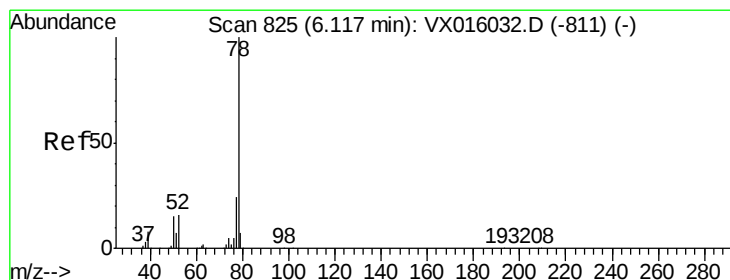
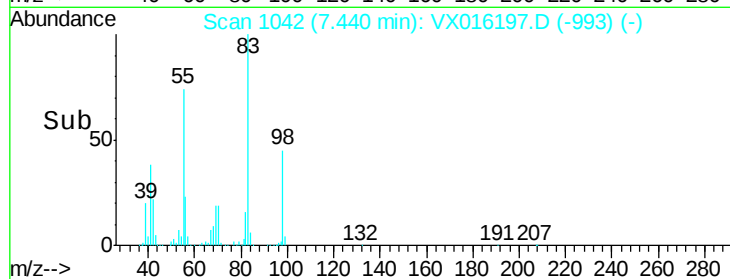
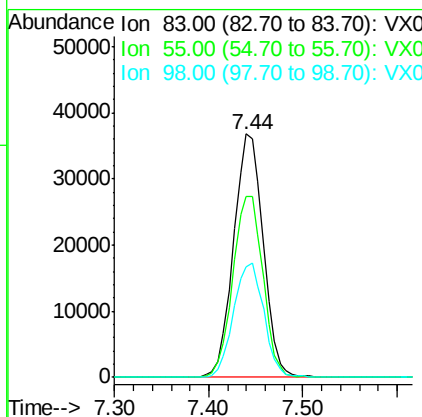
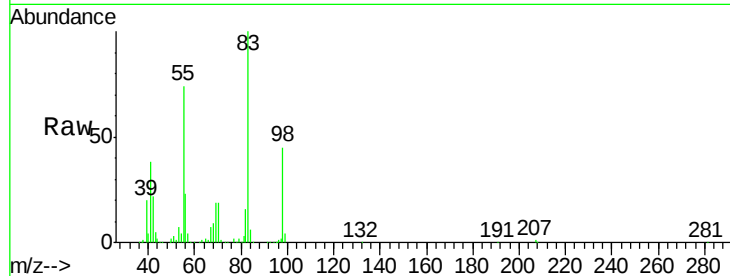
#39
Methvlcvclohexane
Concen: 15.115 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.1	91.7
98	45.5	39.0	58.4

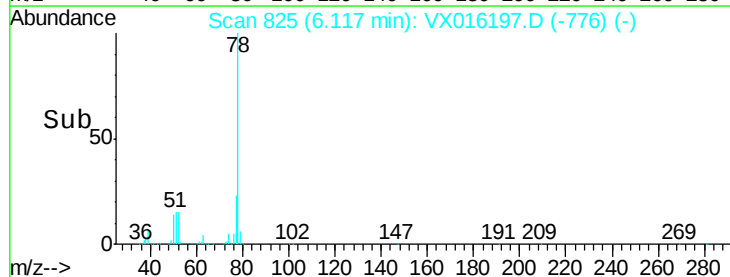
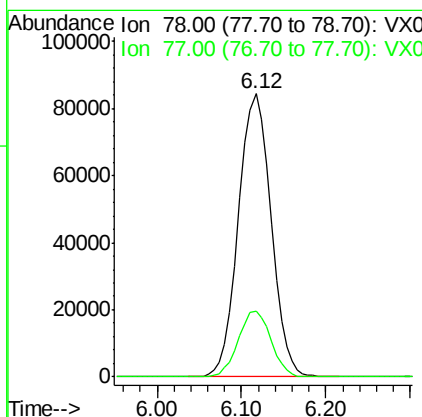
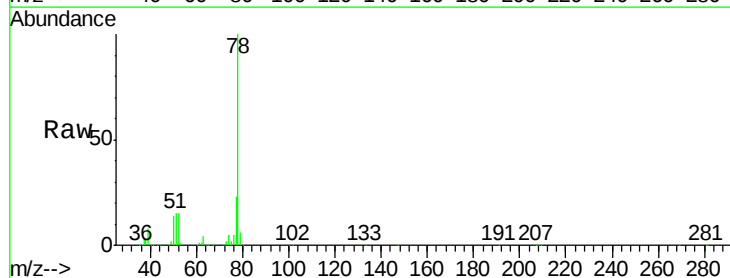
Manual Integrations
APPROVED

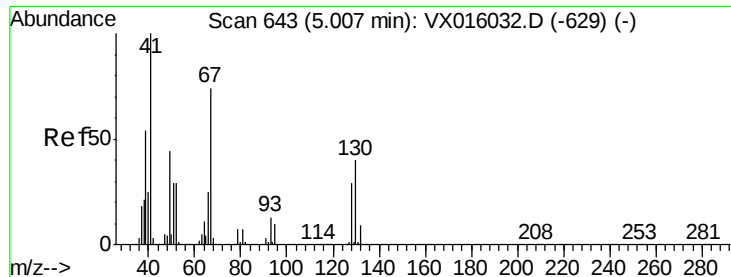
MMDadoda
5/14/2020 12:16:04 PM



#40
Benzene
Concen: 17.091 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





#41

Methacrylonitrile

Concen: 16.955 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

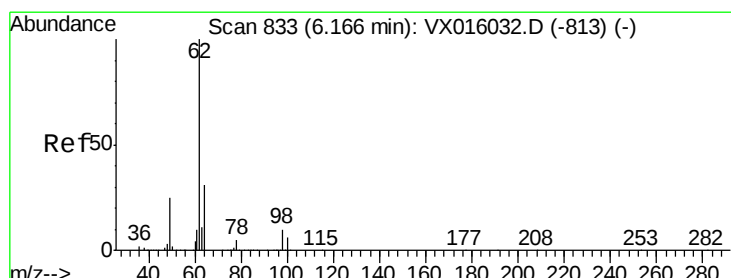
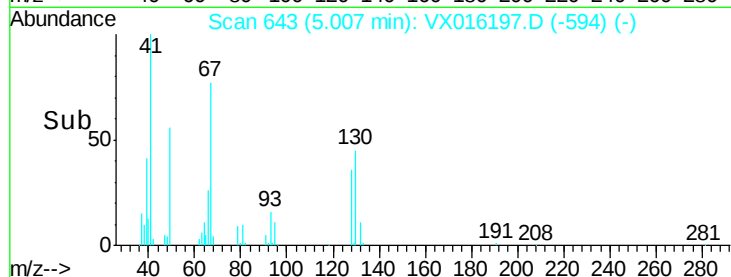
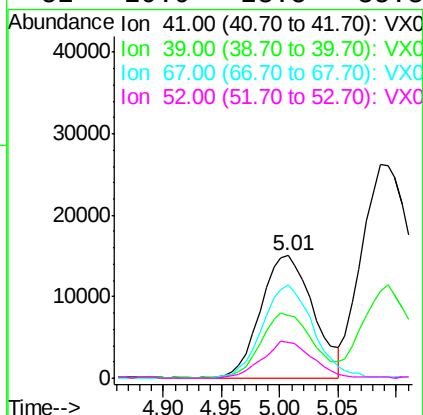
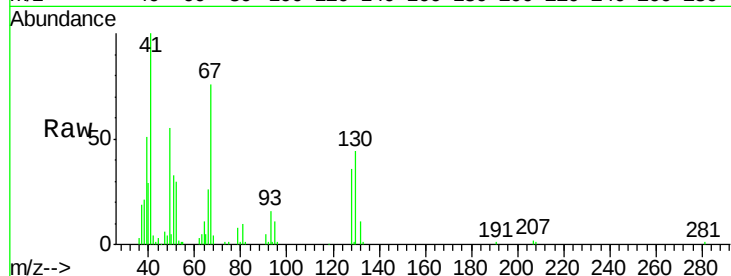
ClientSampleId :

VX0513WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	43.2	64.8	
67	74.2	59.3	88.9	
52	29.9	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 16.828 ug/l

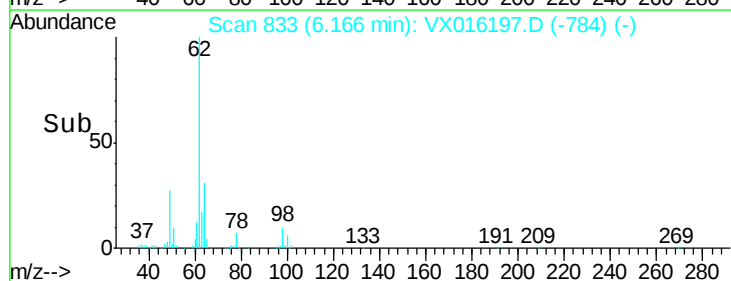
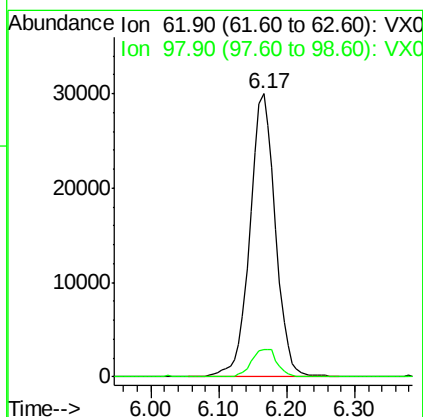
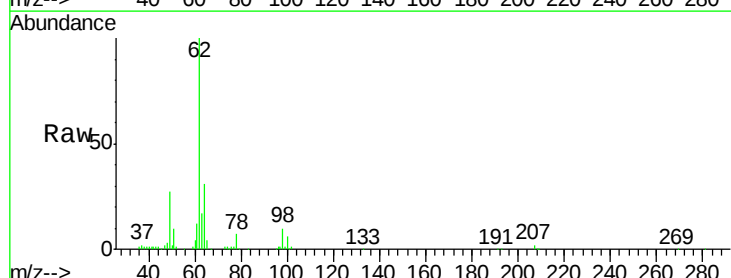
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.4	





#43

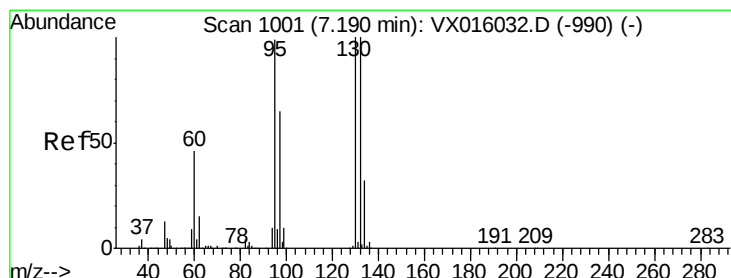
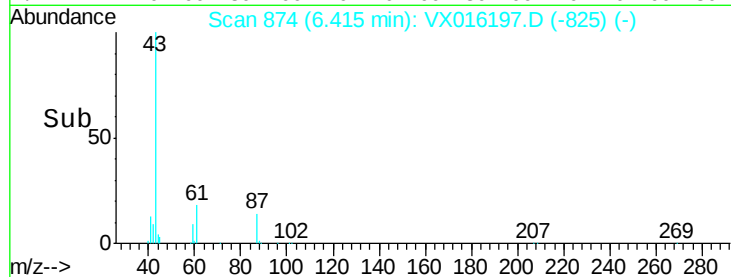
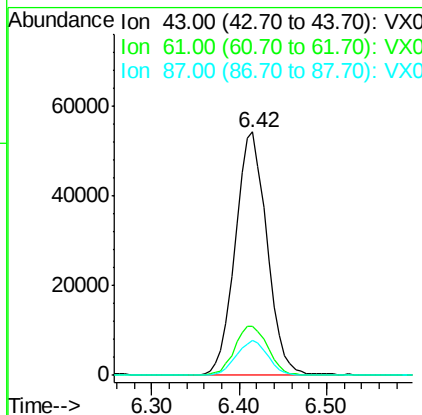
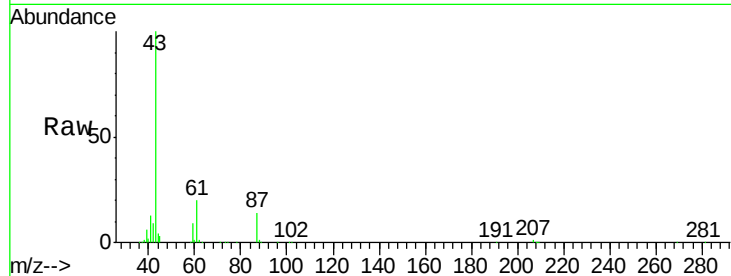
Isopropyl Acetate
 Concen: 16.506 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	14.4	11.0	16.6

Manual Integrations
 APPROVED

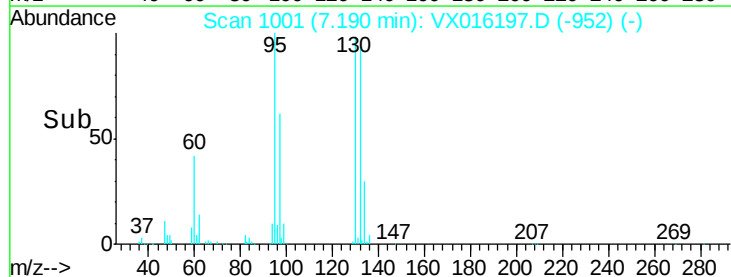
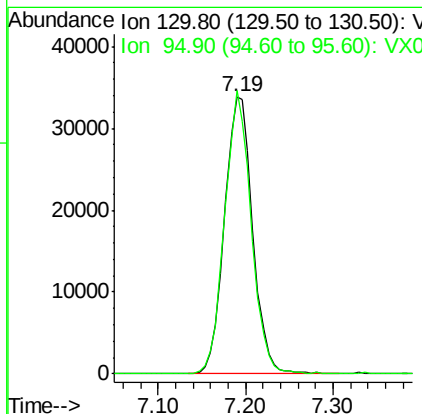
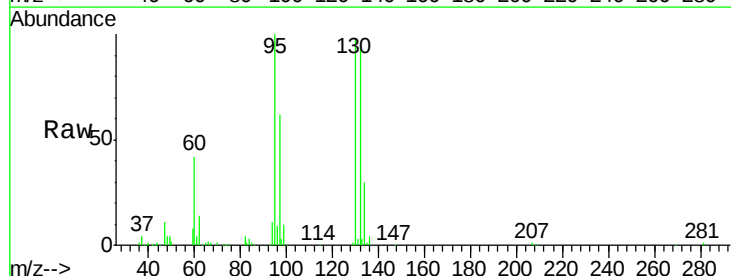
MMDadoda
 5/14/2020 12:16:04 PM

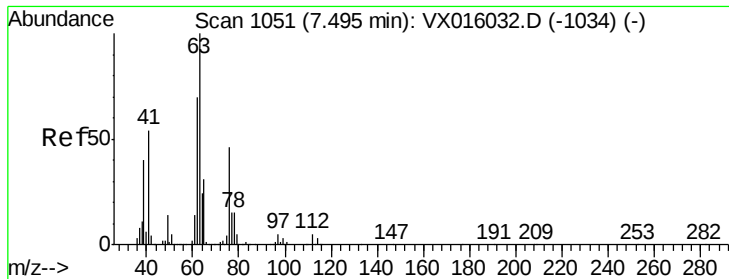


#44

Trichloroethene
 Concen: 16.366 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	197.4





#45

1,2-Dichloropropane

Concen: 17.661 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 63 Resp: 57989

Ion Ratio Lower Upper

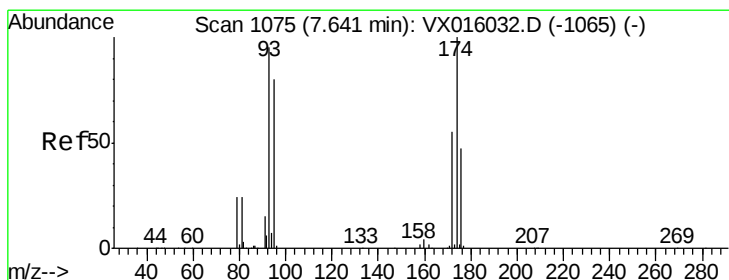
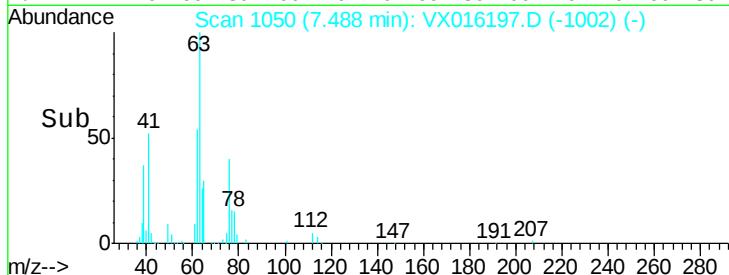
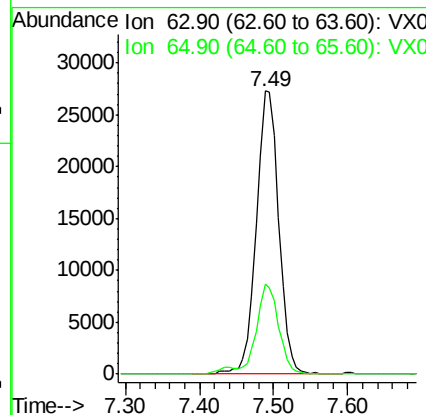
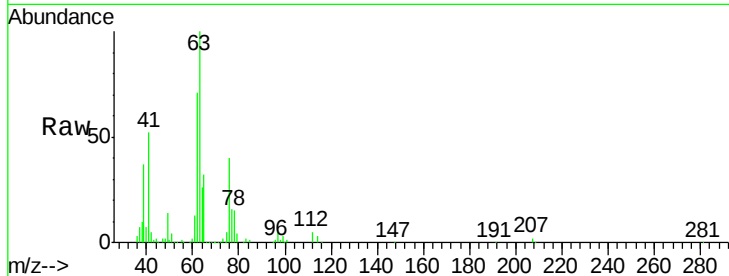
63 100

65 32.0 24.4 36.6

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#46

Dibromomethane

Concen: 17.068 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

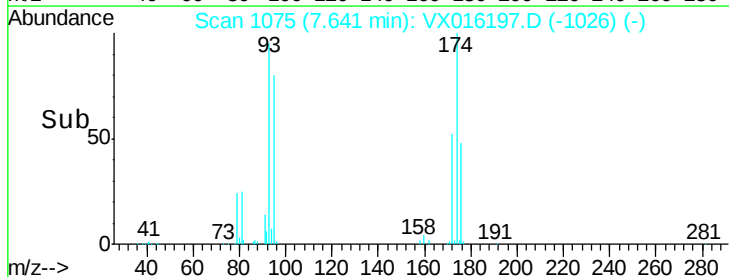
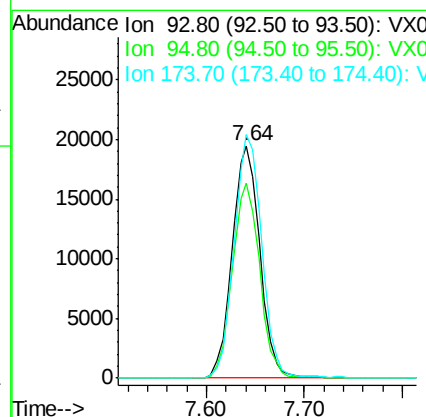
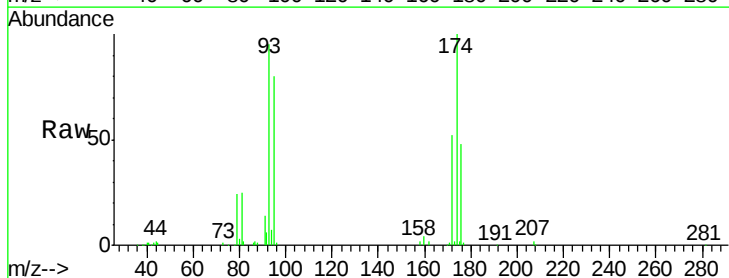
Tgt Ion: 93 Resp: 38085

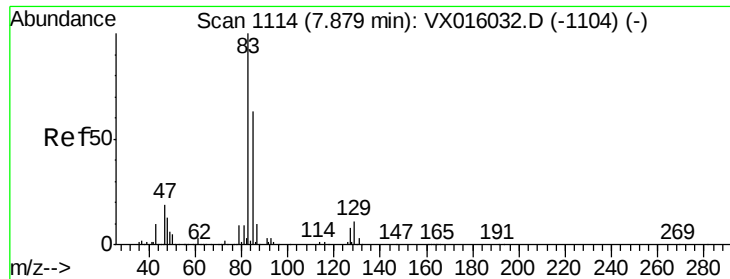
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 104.8 84.2 126.4





#47

Bromodichloromethane

Concen: 17.110 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

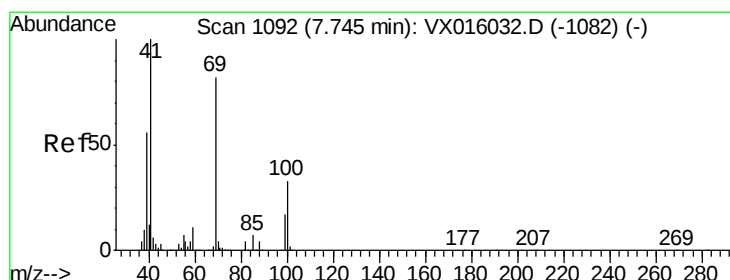
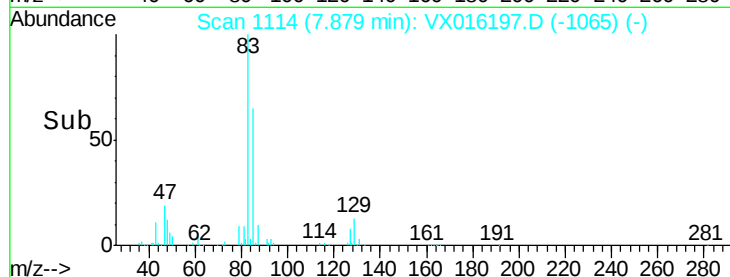
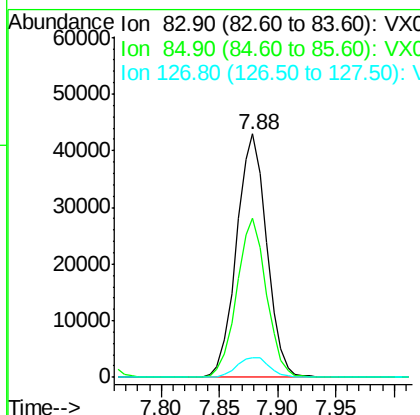
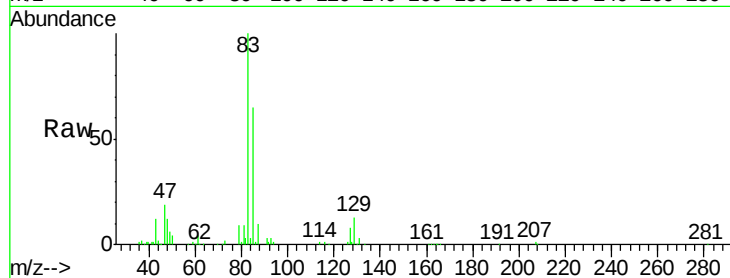
ClientSampleId :

VX0513WBS02

Tot Ion:	83	Resp:	77758
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.5	75.7
127	8.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 16.415 ug/l

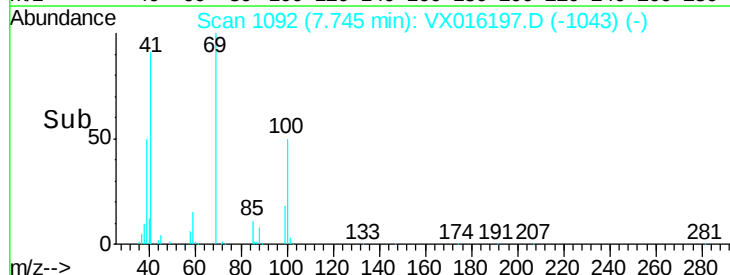
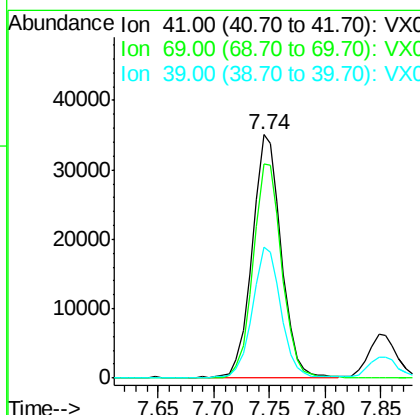
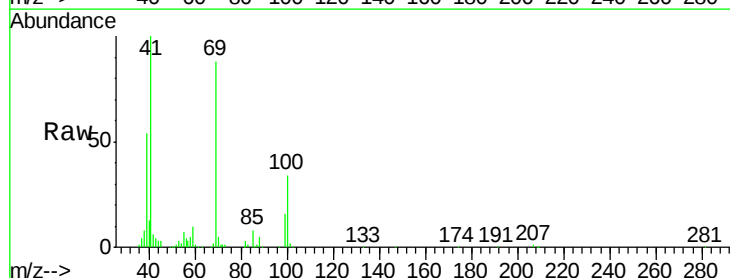
RT: 7.74 min Scan# 1092

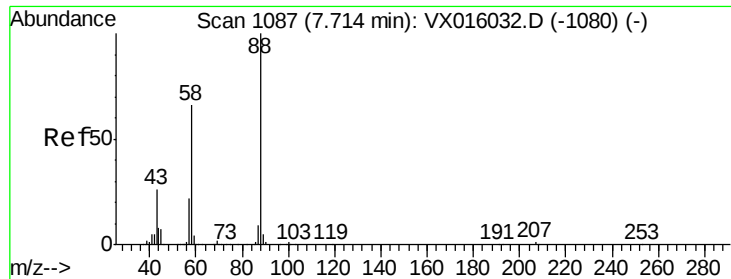
Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	41	Resp:	63794
Ion Ratio	Lower	Upper	
41	100		
69	87.2	67.8	101.6
39	53.0	44.6	67.0





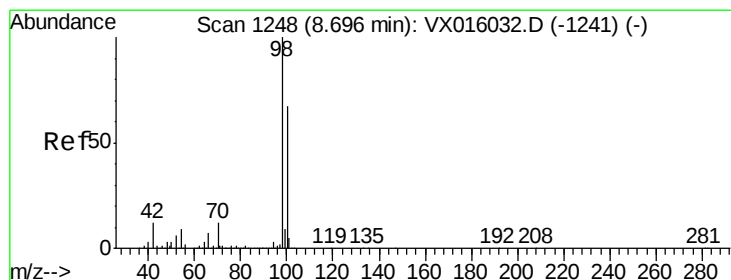
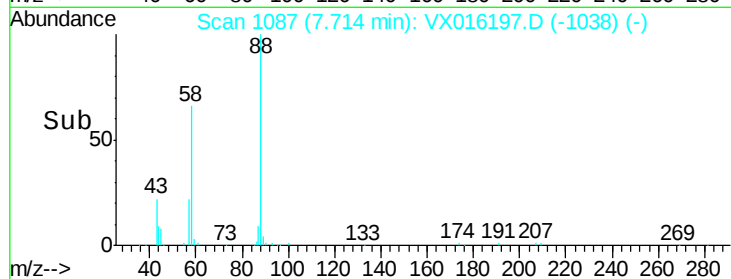
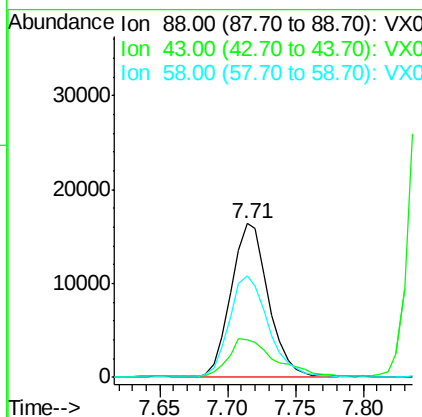
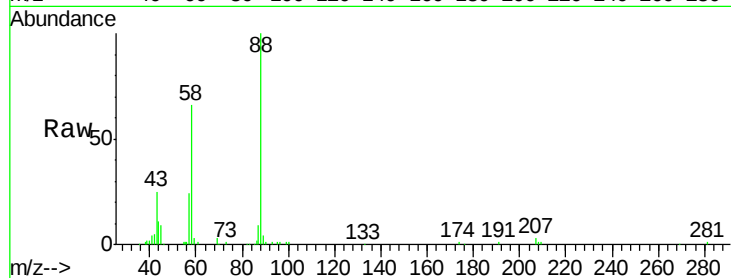
#49
1,4-Dioxane
Concen: 337.673 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	25.3	37.9
58	69.5	55.9	83.9

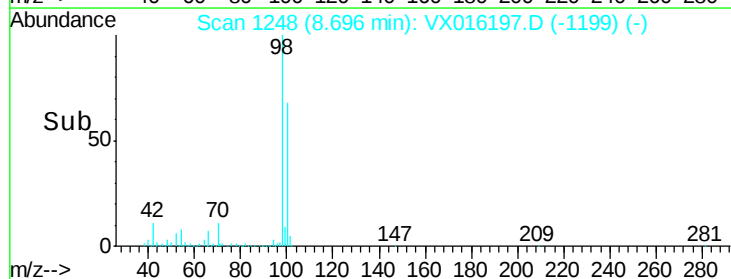
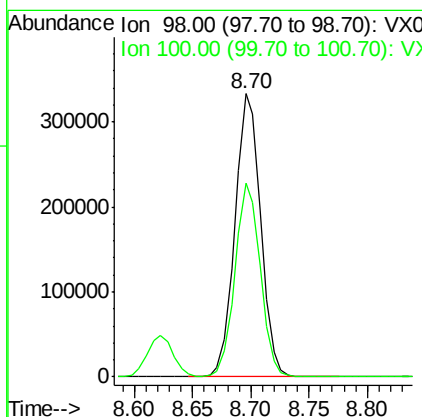
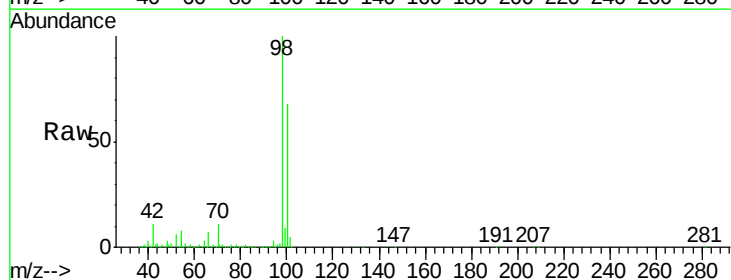
Manual Integrations
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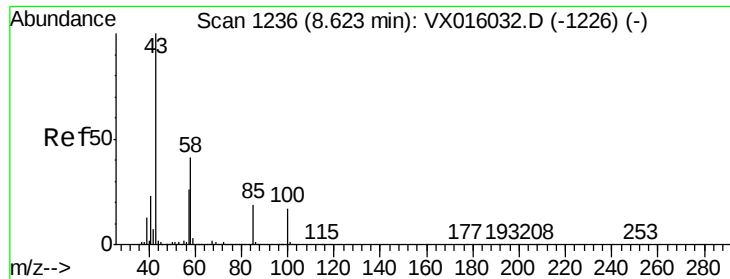
MMDadoda
5/14/2020 12:16:04 PM



#50
Toluene-d8
Concen: 46.605 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.7	80.5





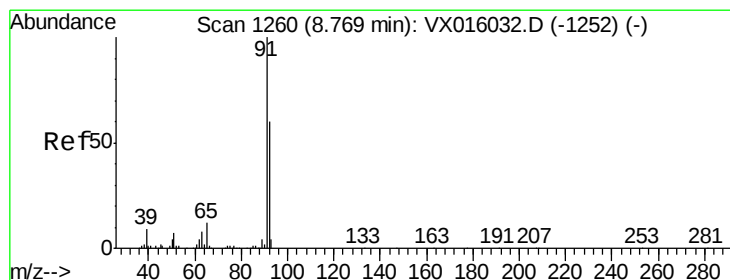
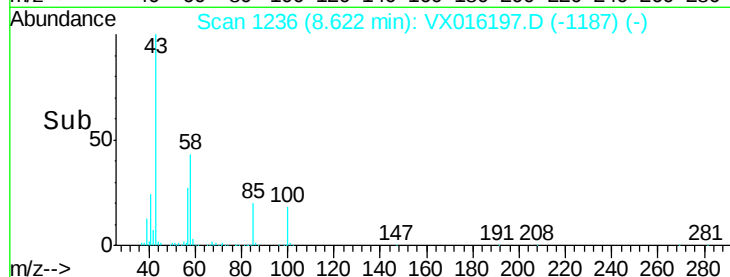
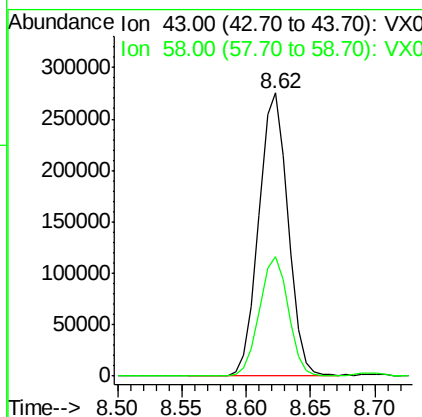
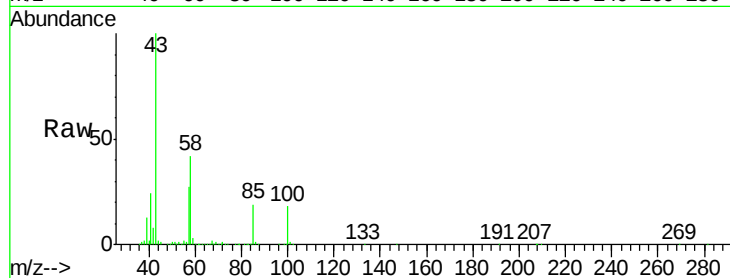
#51
4-Methyl-2-Pentanone
Concen: 85.755 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.9	33.0	49.4

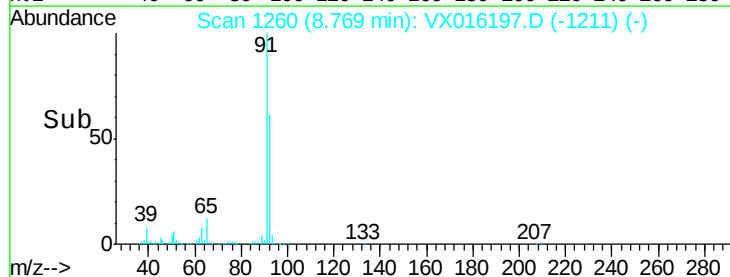
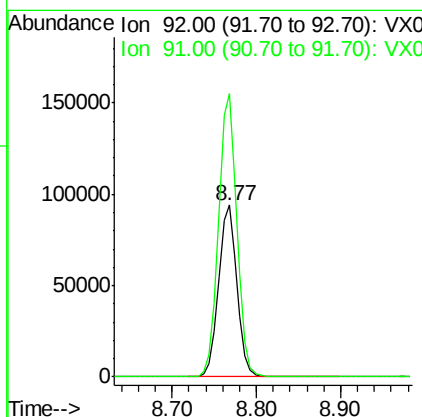
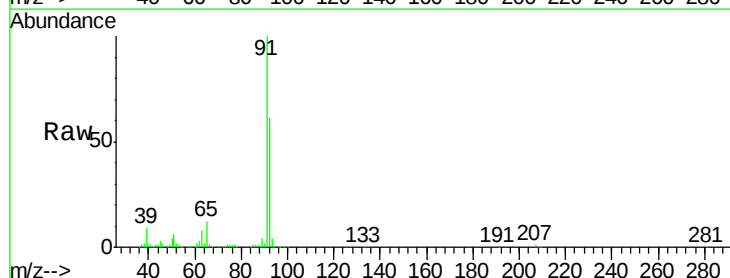
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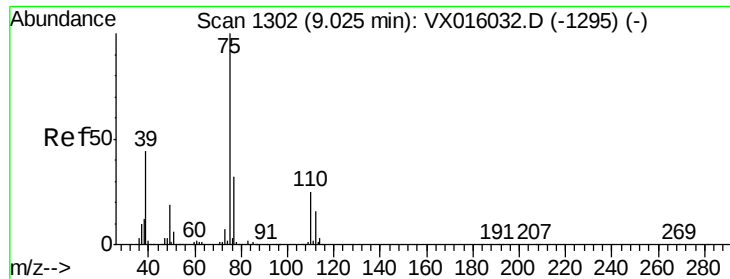
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#52
Toluene
Concen: 17.517 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
92	100		
91	165.0	134.5	201.7





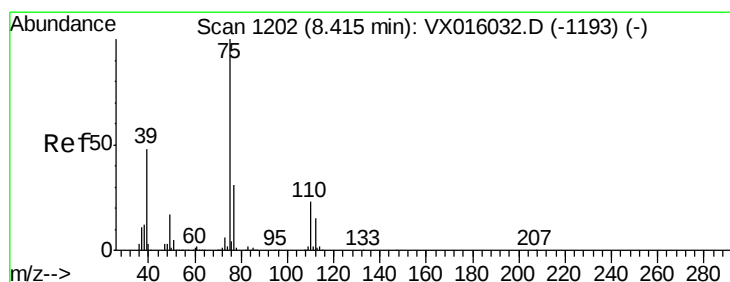
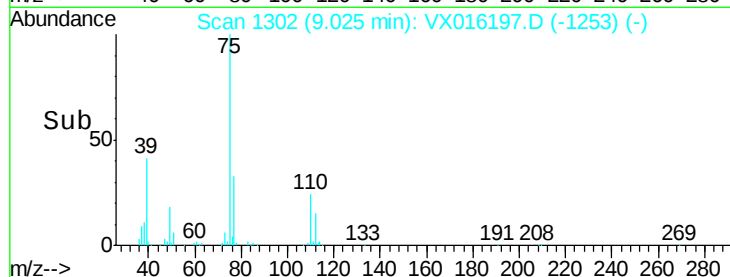
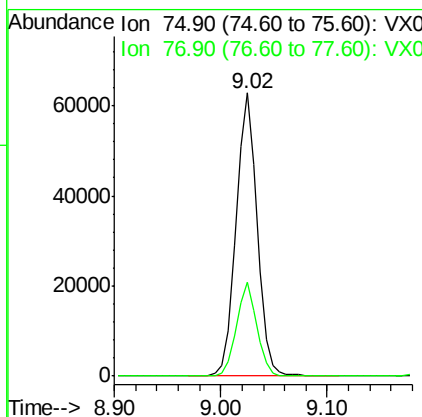
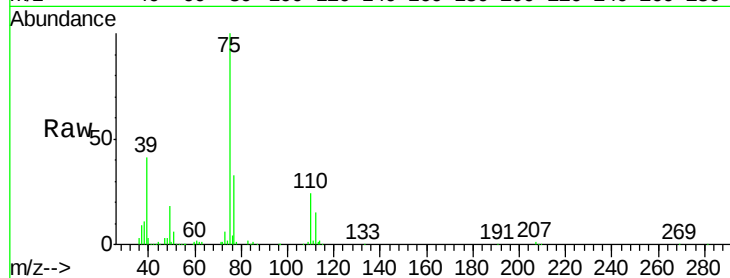
#53
t-1,3-Dichloropropene
Concen: 16.208 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion: 75 Resp: 87824
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5

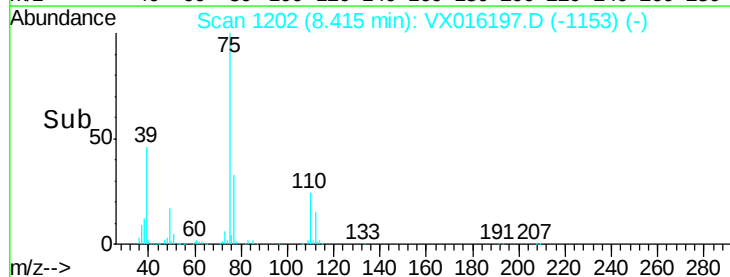
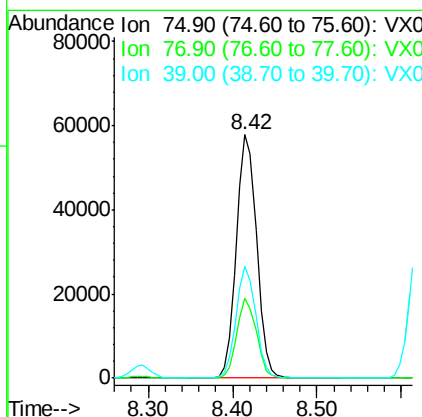
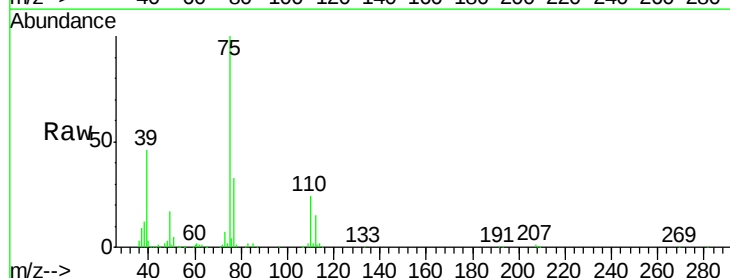
Manual Integrations
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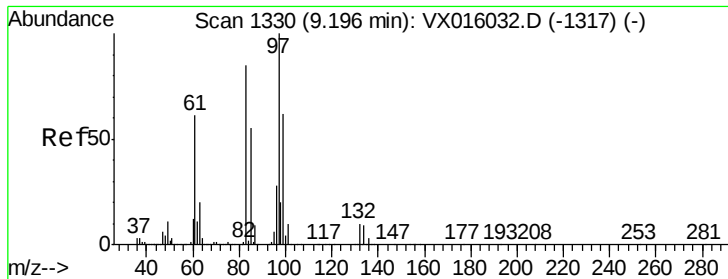
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 16.556 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 75 Resp: 93699
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1
39 45.6 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 17.786 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

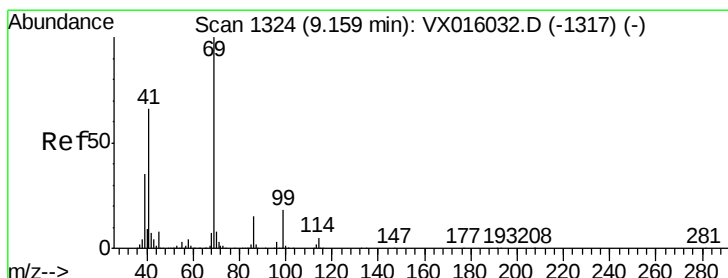
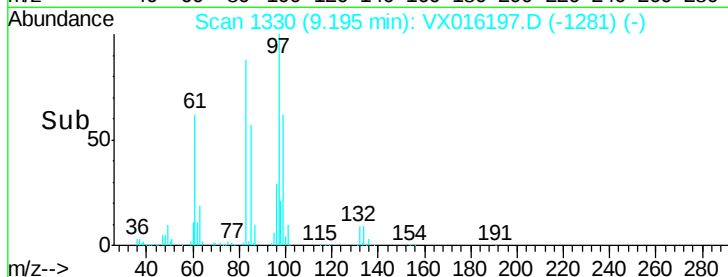
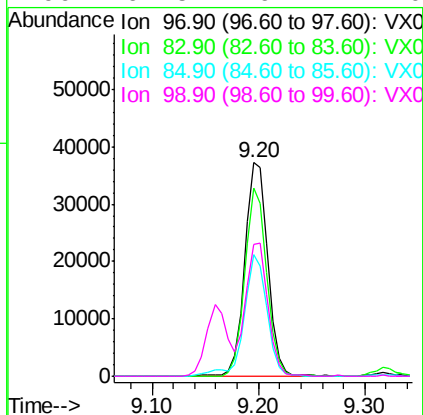
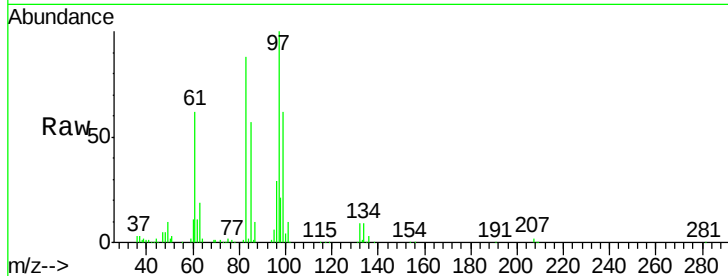
ClientSampleId :

VX0513WBS02

Tot Ion:	97	Resp:	56602
Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.8	101.8
85	57.0	43.8	65.8
99	61.5	49.4	74.0

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#56

Ethyl methacrylate

Concen: 17.016 ug/l

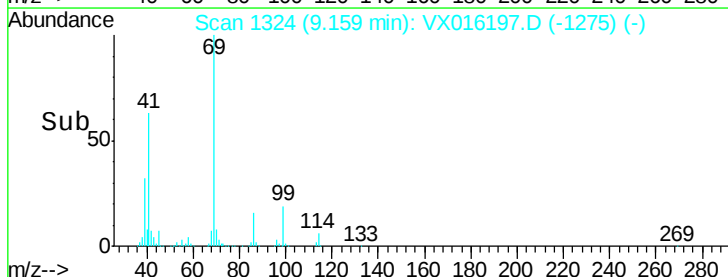
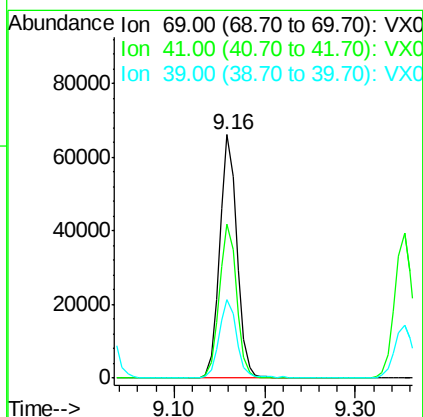
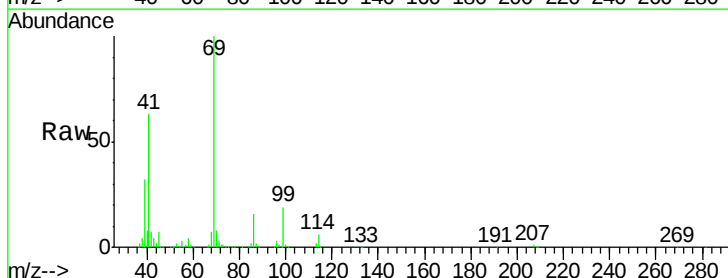
RT: 9.16 min Scan# 1324

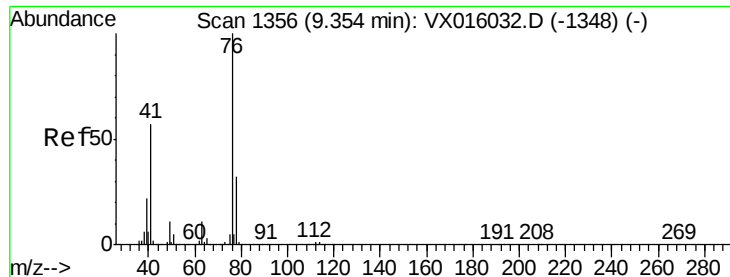
Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	69	Resp:	88389
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.2	78.4
39	32.9	28.2	42.4





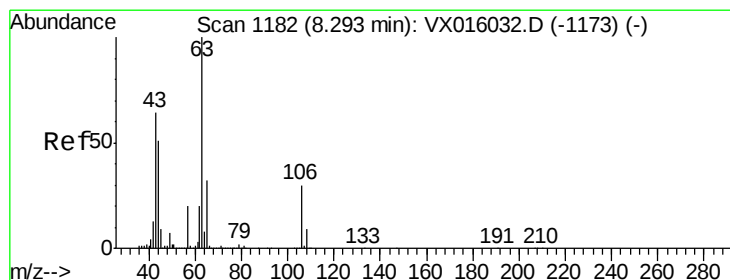
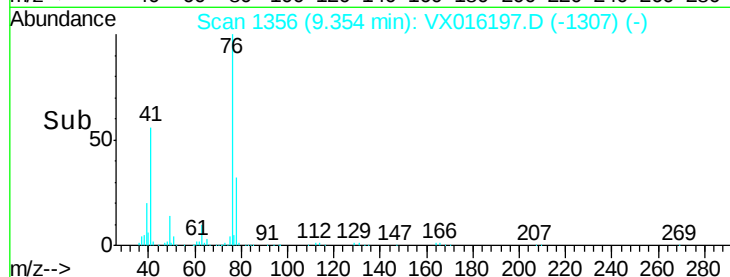
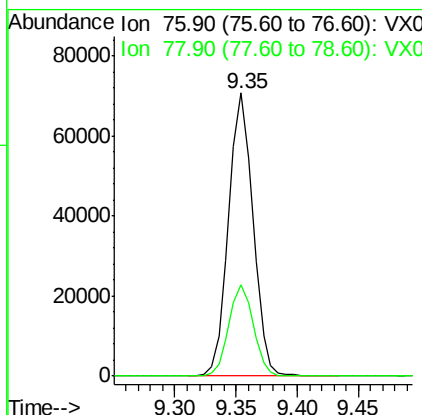
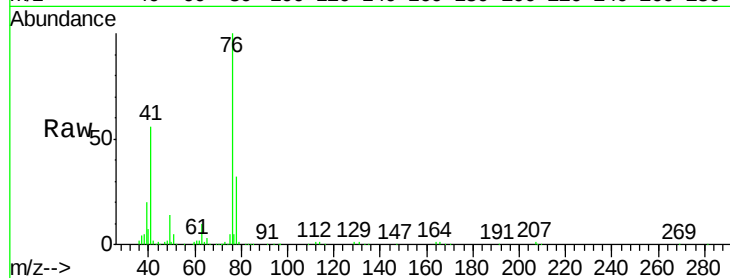
#57
 1,3-Dichloropropane
 Concen: 17.654 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

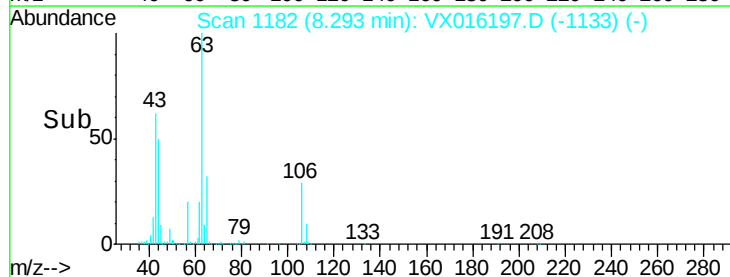
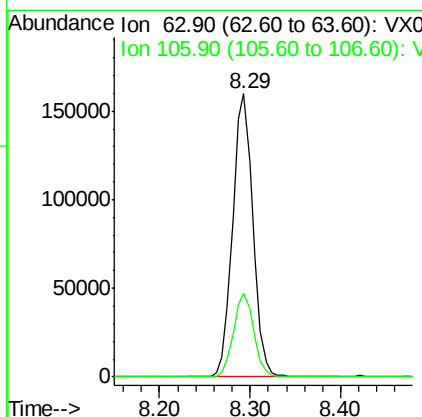
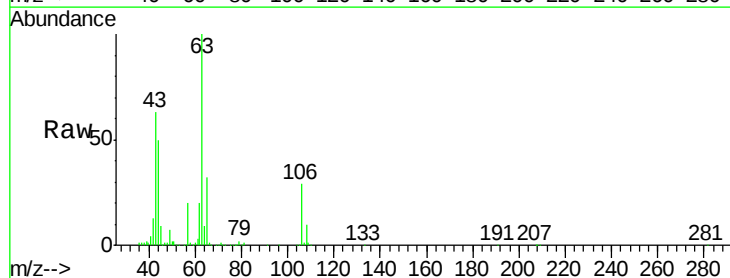
Manual Integrations
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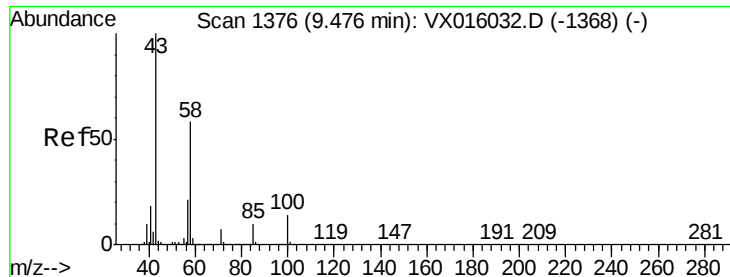
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#58
 2-Chloroethyl Vinyl ether
 Concen: 89.706 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.4	35.2





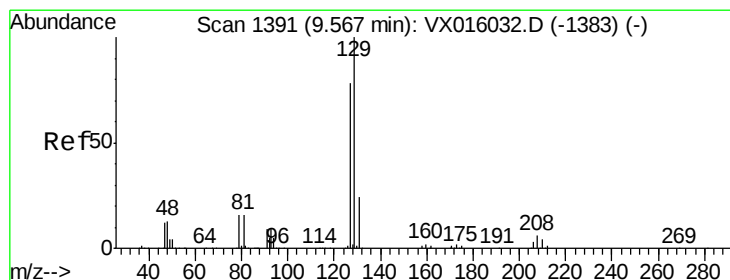
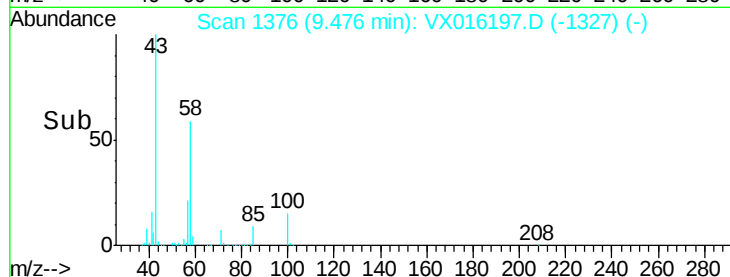
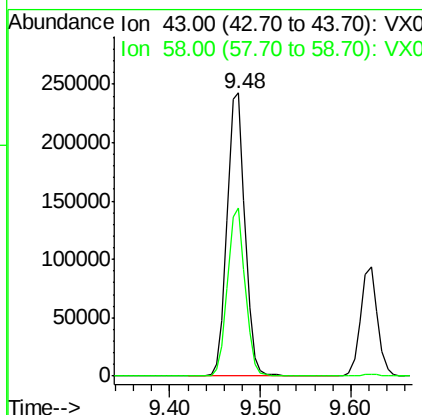
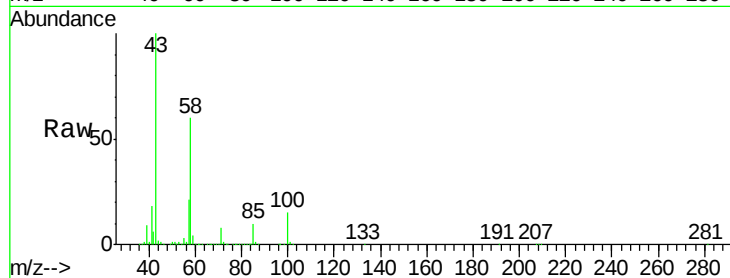
#59
2-Hexanone
Concen: 84.477 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.6	28.6	85.9

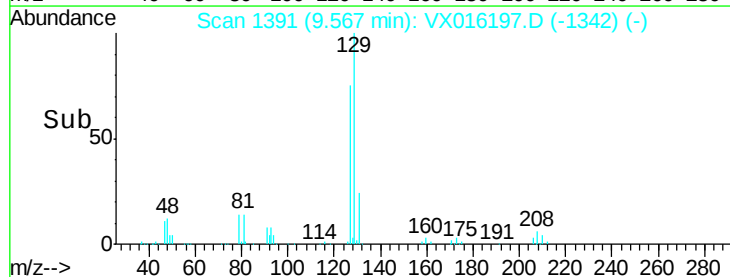
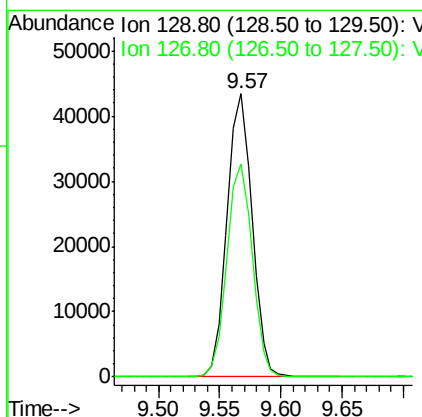
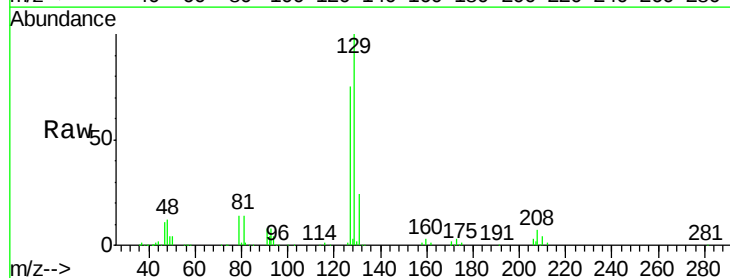
Manual Integrations
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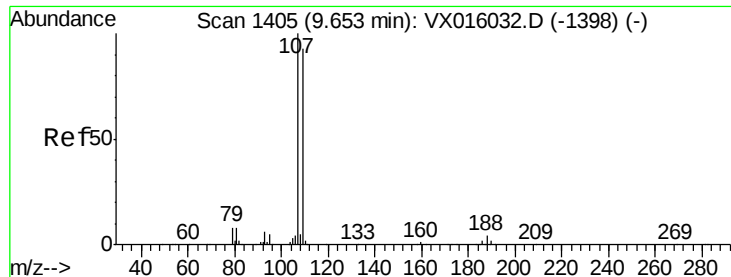
MMDadoda
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#60
Dibromochloromethane
Concen: 17.637 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.4	115.2





#61

1,2-Dibromoethane

Concen: 17.282 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 107 Resp: 59573

Ion Ratio Lower Upper

107 100

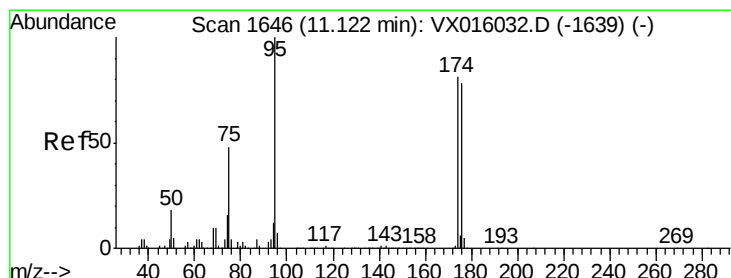
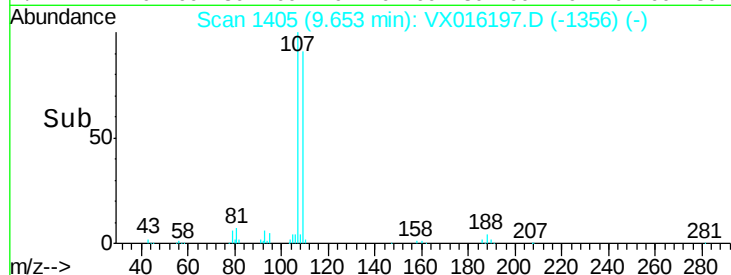
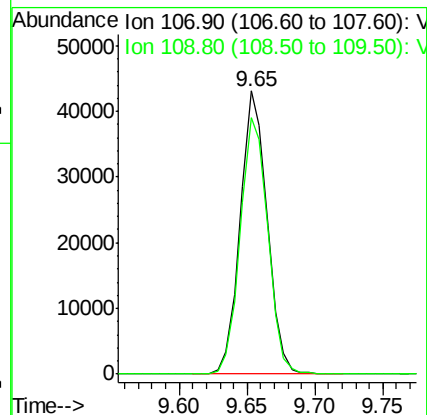
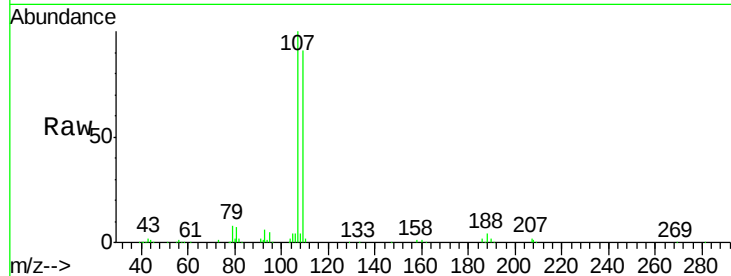
109 92.4 74.9 112.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.533 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

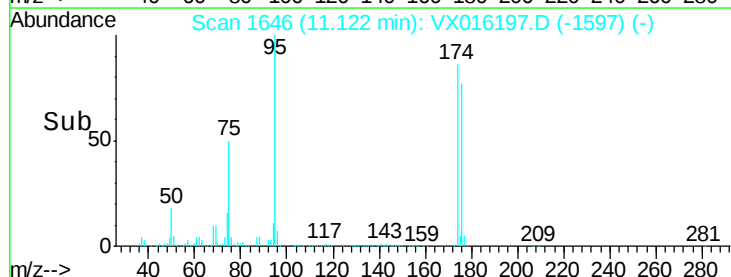
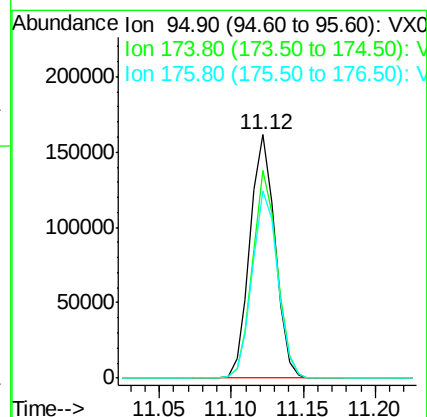
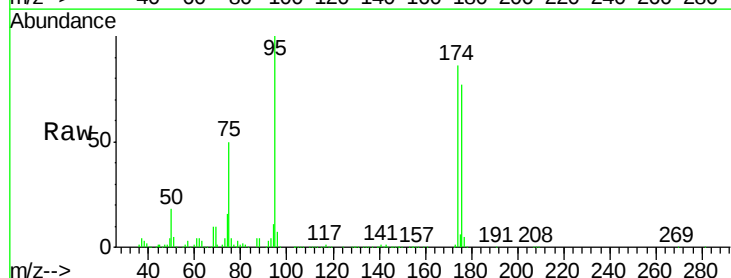
Tgt Ion: 95 Resp: 194656

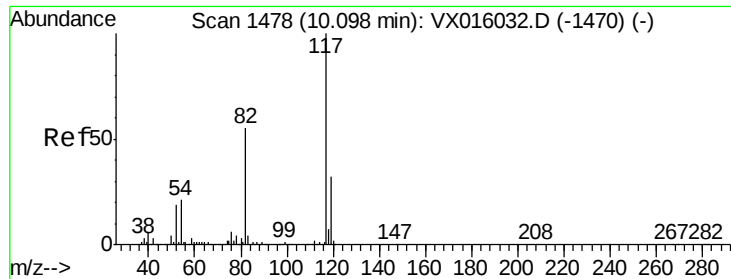
Ion Ratio Lower Upper

95 100

174 83.3 0.0 159.4

176 77.7 0.0 157.6





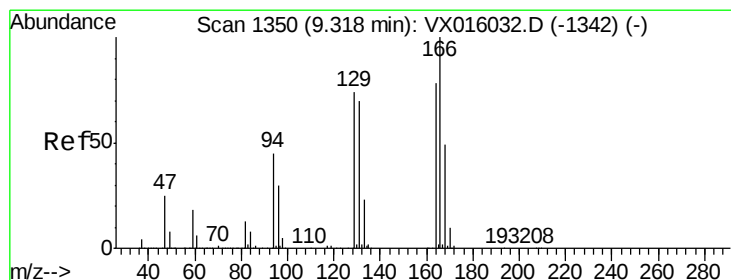
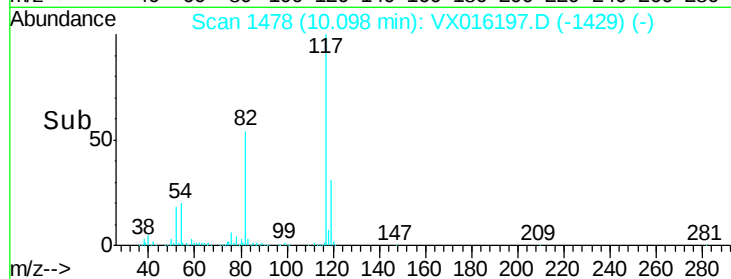
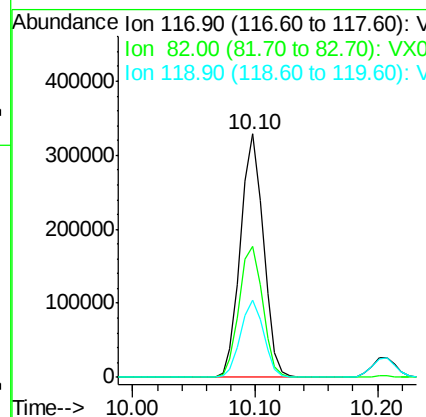
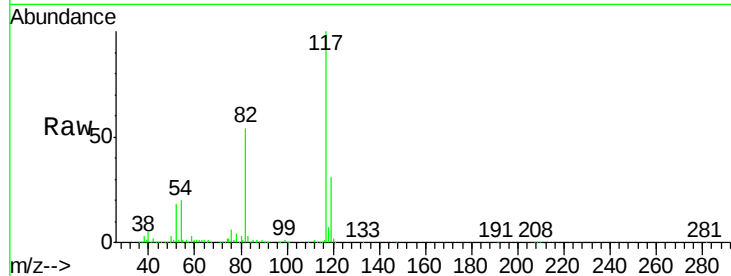
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	424535		
82	54.0		44.4	66.6
119	31.5		25.5	38.3

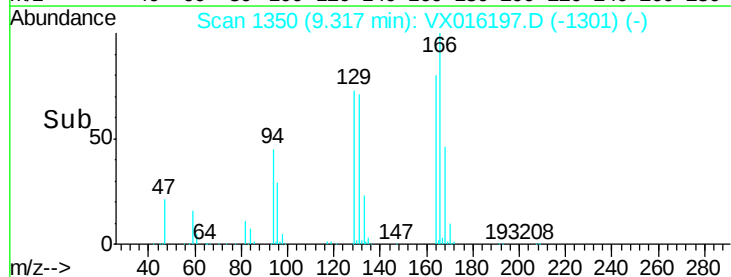
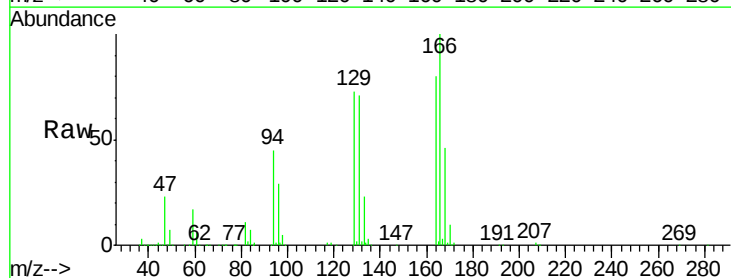
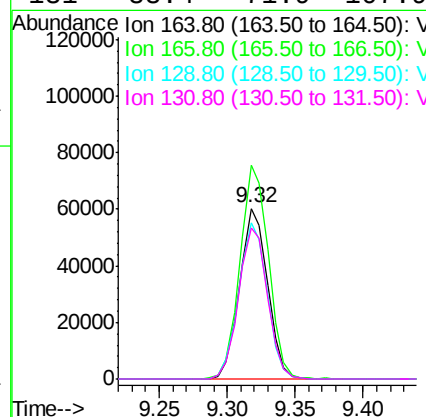
Manual Integrations
APPROVED

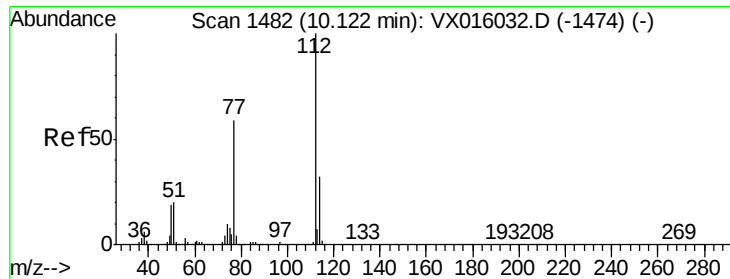
MMDadoda
5/14/2020 12:16:04 PM



#64
Tetrachloroethene
Concen: 16.623 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86634		
166	125.0		102.9	154.3
129	91.5		76.1	114.1
131	88.4		71.9	107.9





#65

Chlorobenzene

Concen: 16.799 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion:112 Resp: 149335

Ion Ratio Lower Upper

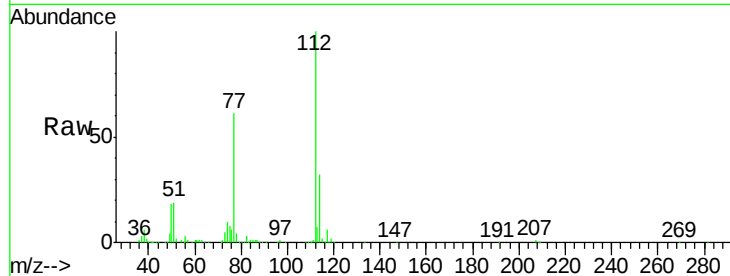
112 100

114 32.4 25.7 38.5

Manual Integrations
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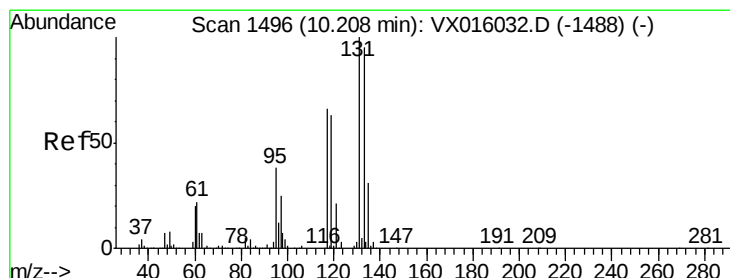
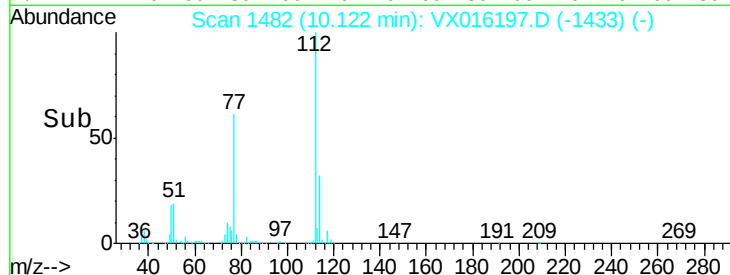
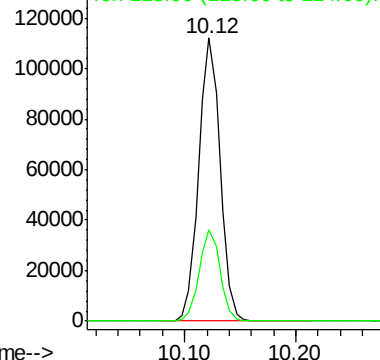
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.942 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

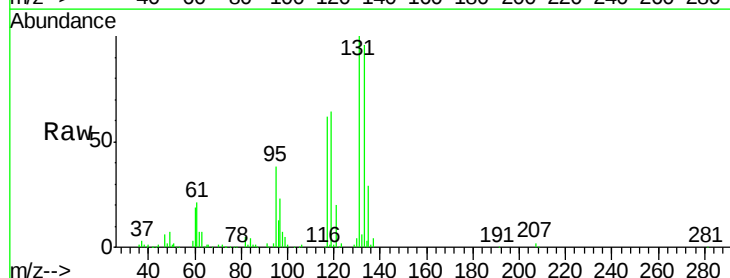
Tgt Ion:131 Resp: 55663

Ion Ratio Lower Upper

131 100

133 97.7 48.3 144.8

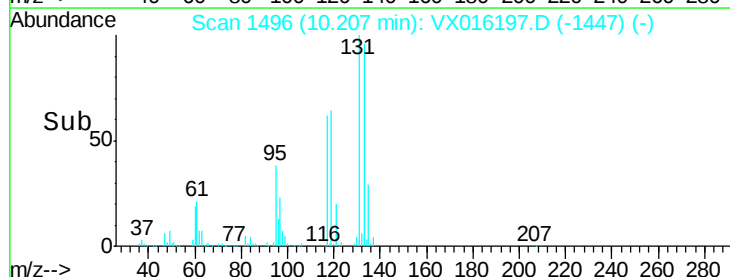
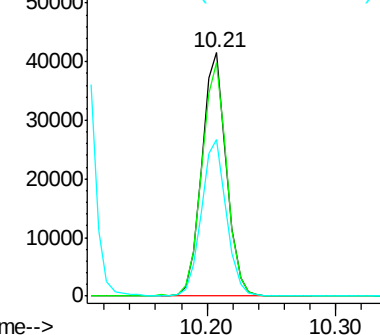
119 65.7 32.3 96.9

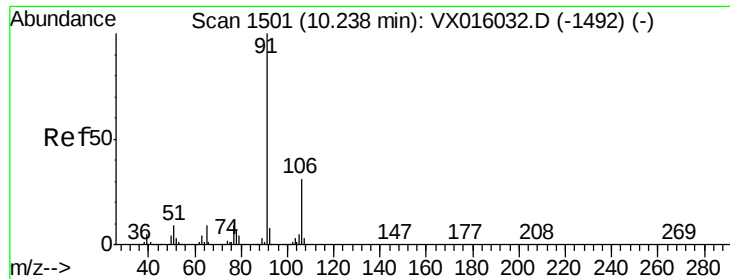


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





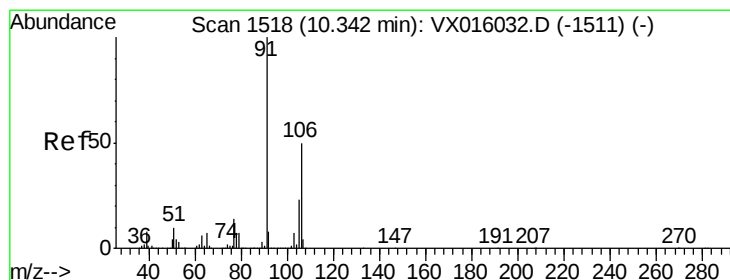
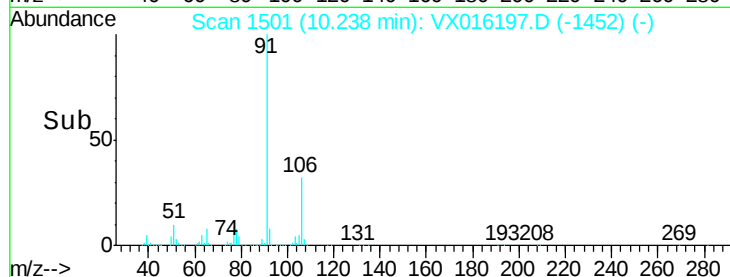
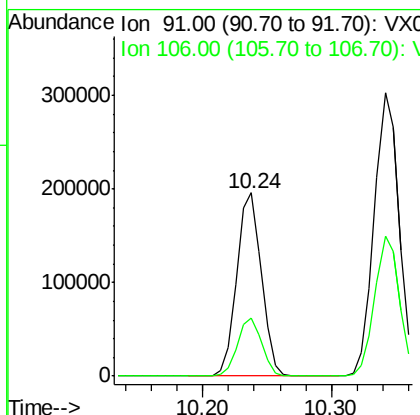
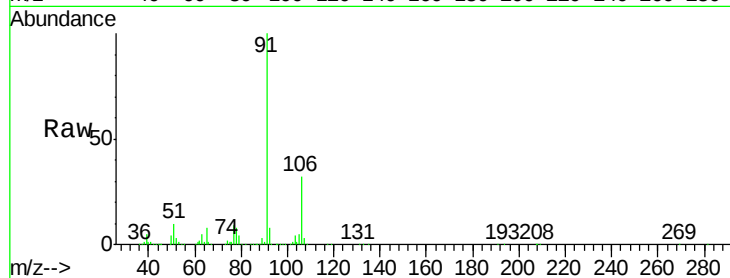
#67
Ethyl Benzene
Concen: 16.427 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion: 91 Resp: 260545
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7

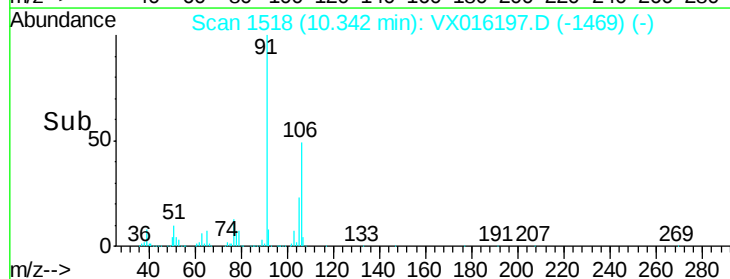
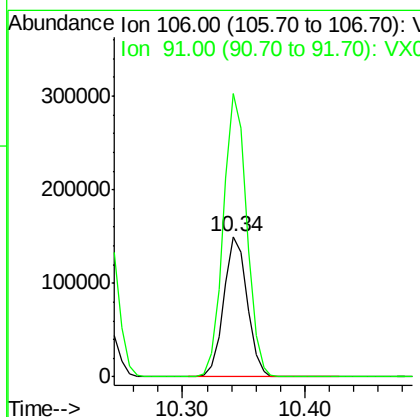
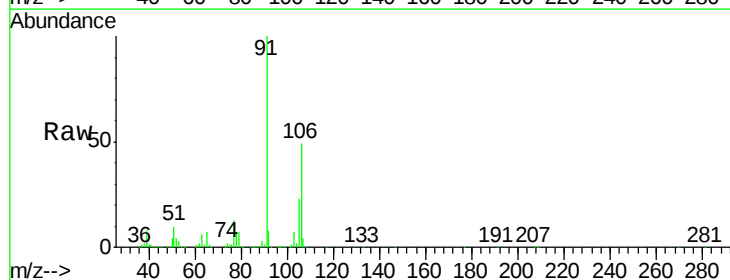
Manual Integrations
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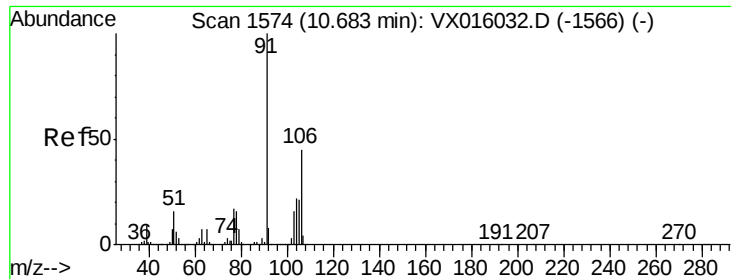
MMDadoda
5/14/2020 12:16:04 PM



#68
m/p-Xylenes
Concen: 33.386 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 106 Resp: 198393
Ion Ratio Lower Upper
106 100
91 202.2 161.7 242.5





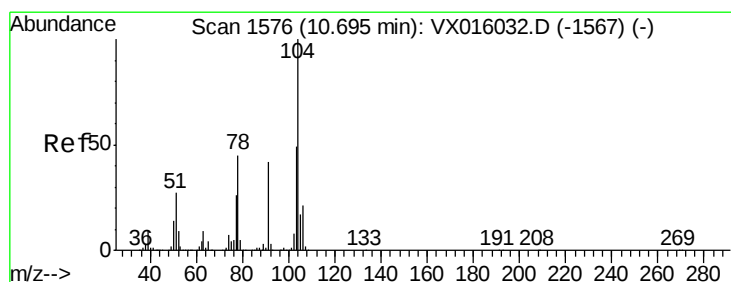
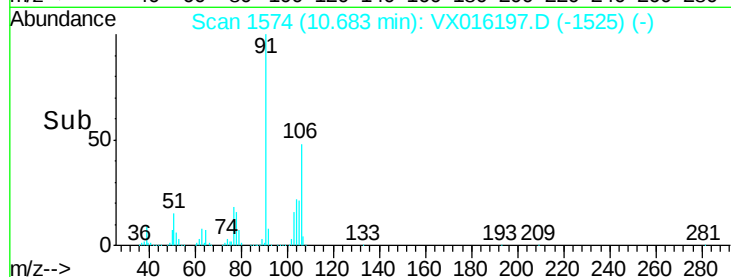
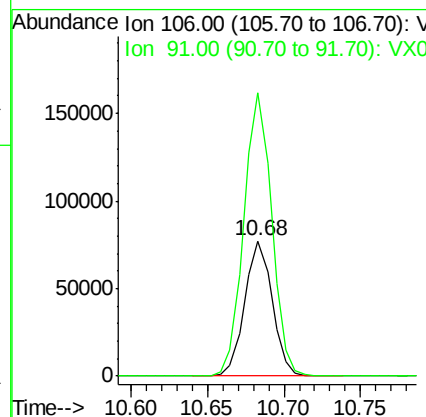
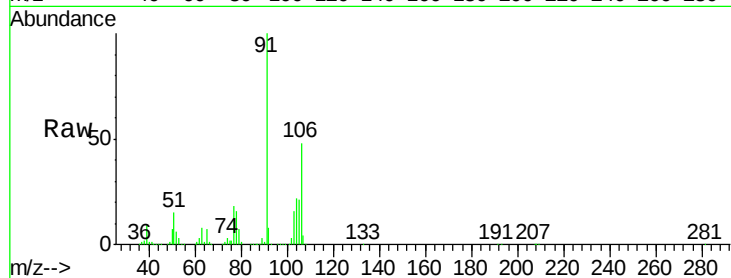
#69
o-Xylene
Concen: 16.841 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	96199		
91	91	212.3		107.5	322.6

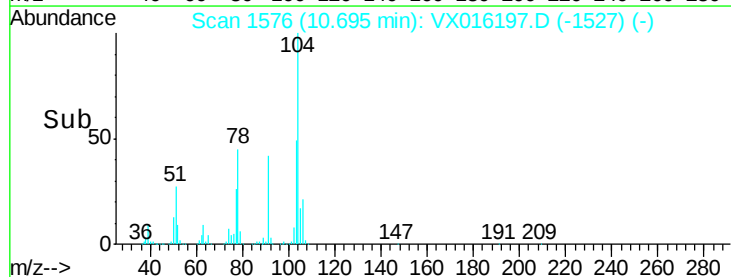
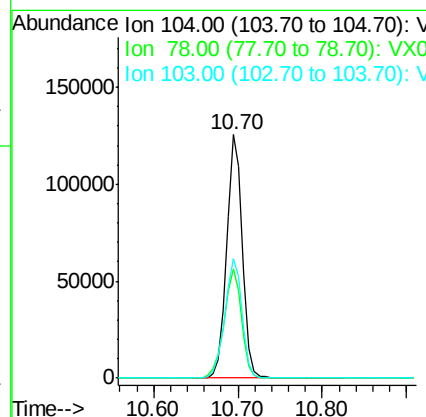
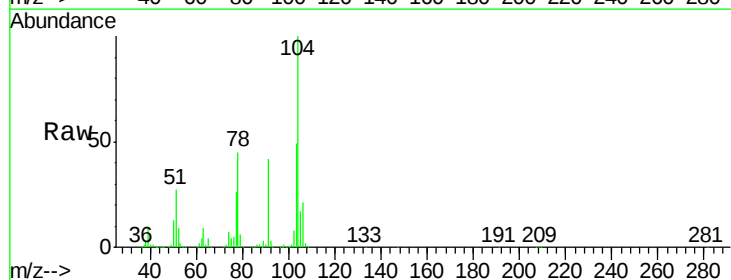
Manual Integrations
APPROVED

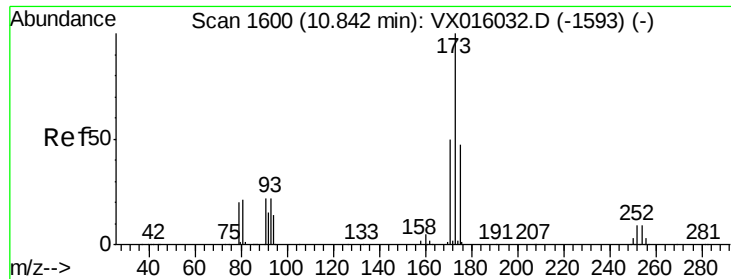
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#70
Styrene
Concen: 16.663 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	161471		
78	78	50.0		40.2	60.2
103	103	53.9		43.0	64.6





#71

Bromoform

Concen: 17.159 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

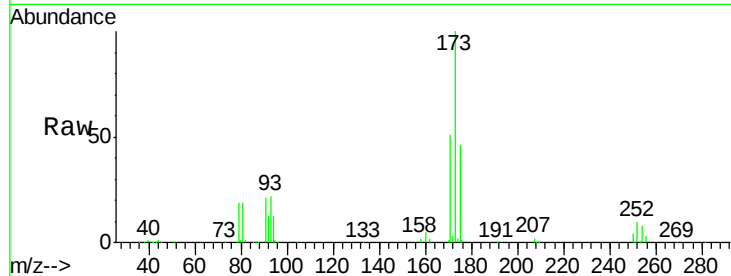
ClientSampleId :

VX0513WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.0	72.0
254	0.0	0.1	0.1

Manual Integrations
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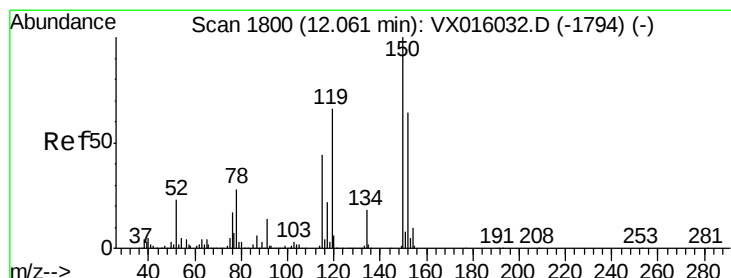
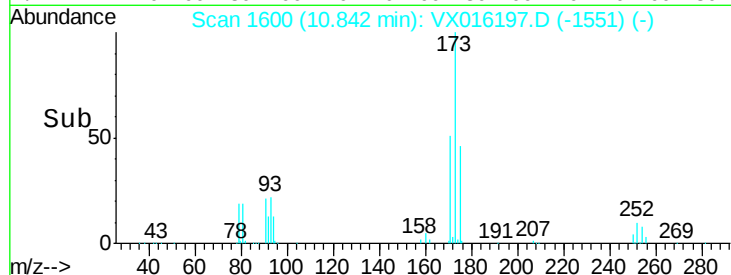
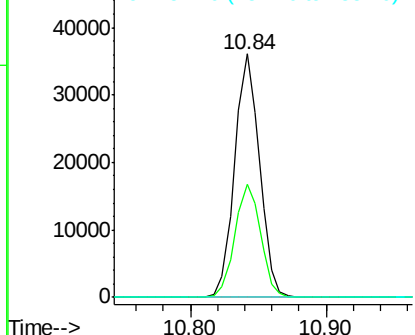


Abundance

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

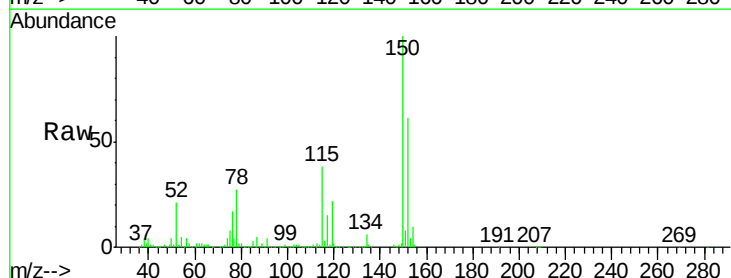
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	41.3	124.1
150	164.9	0.0	352.2

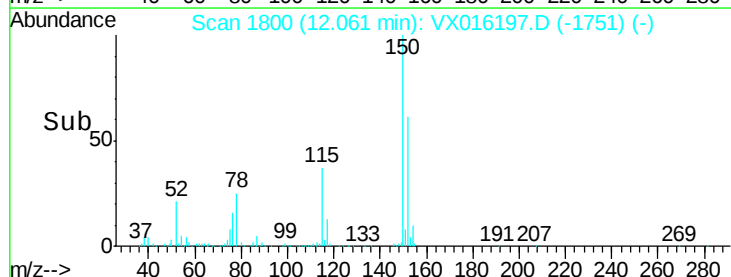
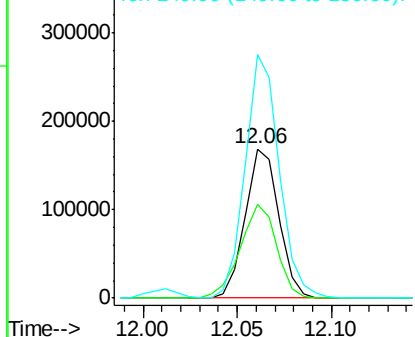


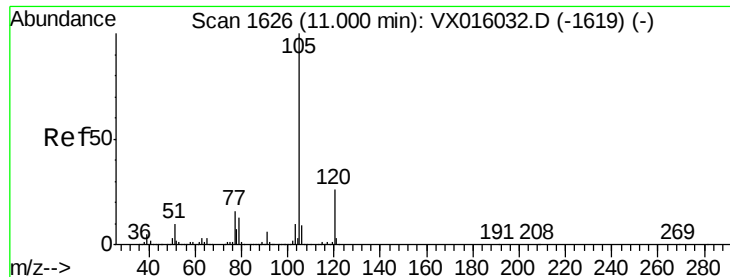
Abundance

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: 16.706 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tot Ion: 105 Resp: 254837

Ion Ratio Lower Upper

105 100

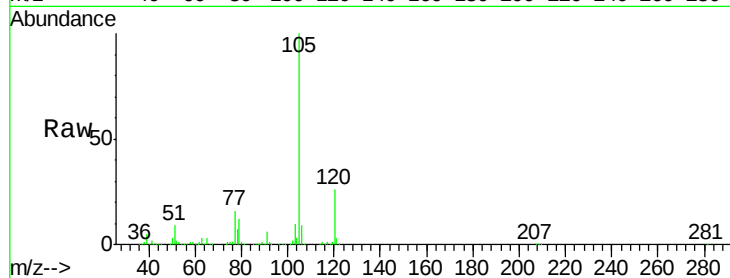
120 26.1 13.4 40.2

Manual Integrations

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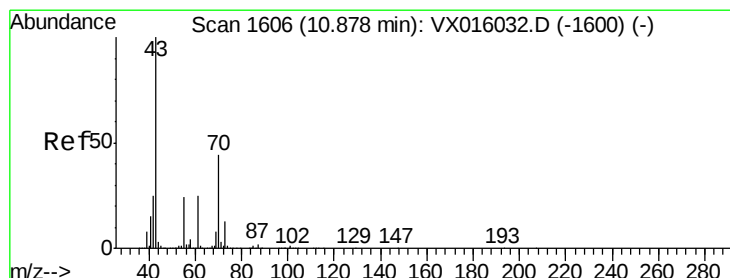
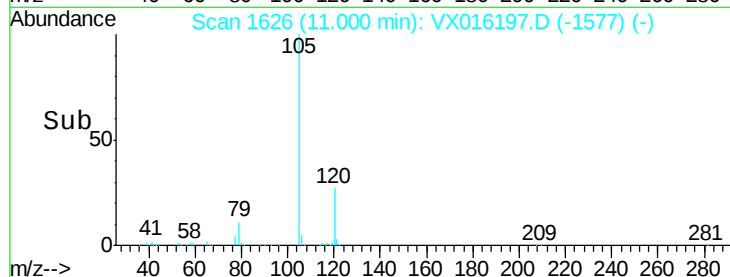
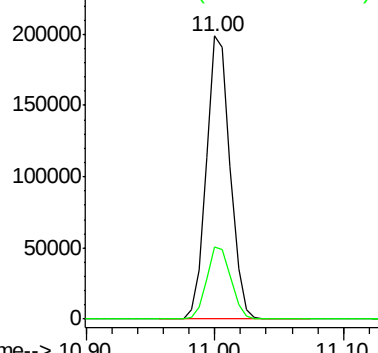
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.964 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion: 43 Resp: 113590

Ion Ratio Lower Upper

43 100

70 46.2 36.5 54.7

55 25.6 19.7 29.5

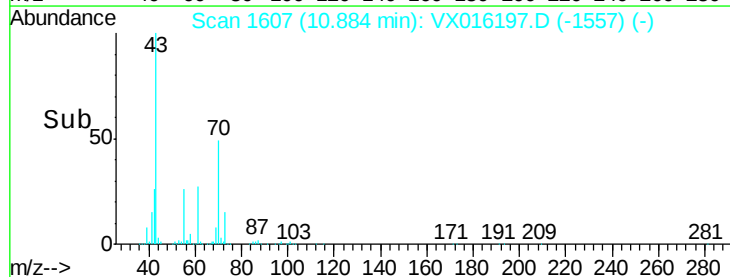
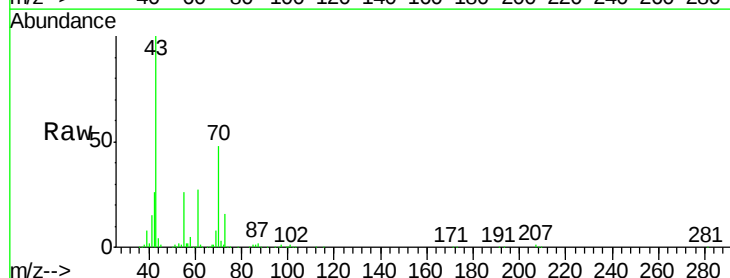
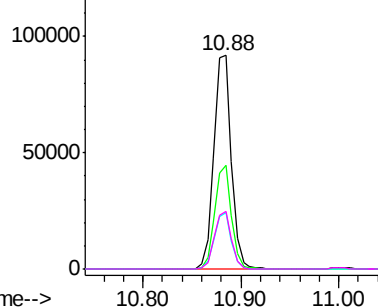
61 26.2 20.9 31.3

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.288 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

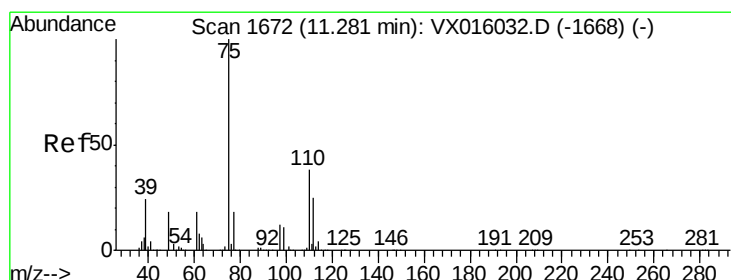
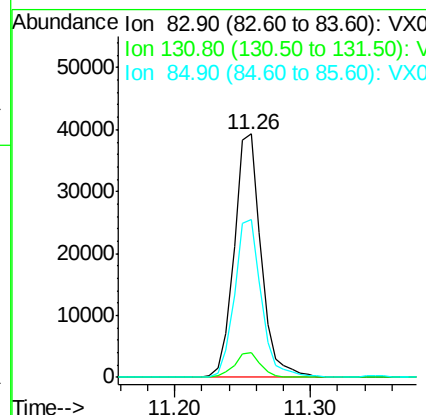
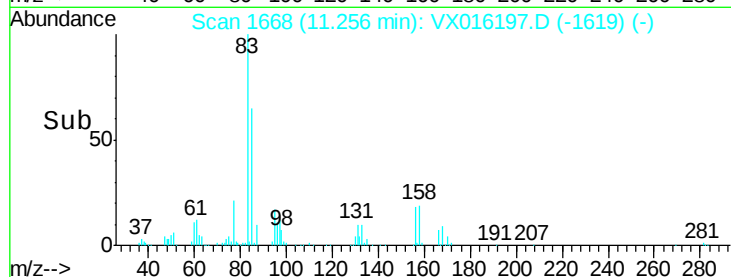
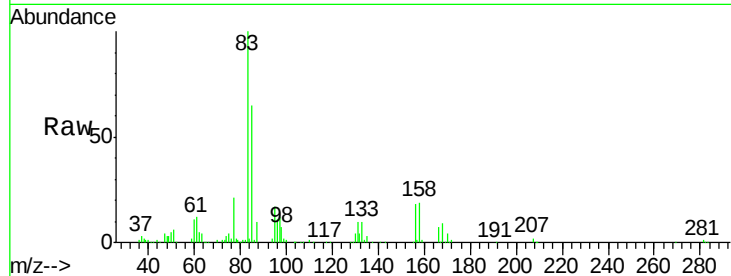
ClientSampleId :

VX0513WBS02

Tot Ion:	83	Resp:	53761
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.4
85	64.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.990 ug/l m

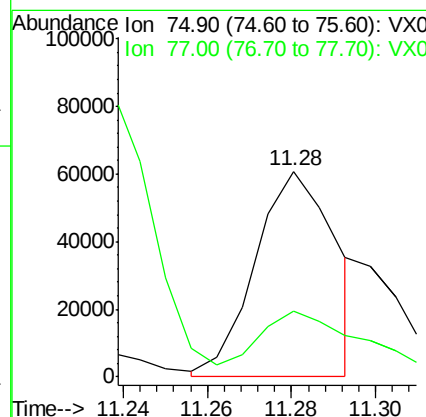
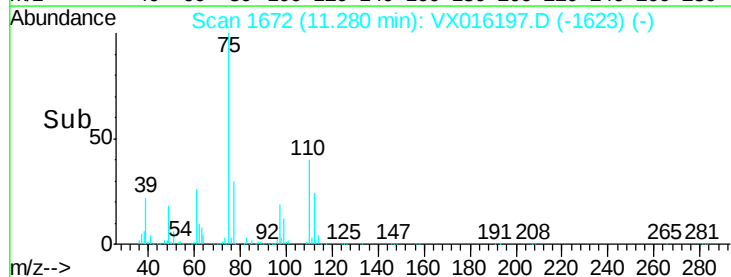
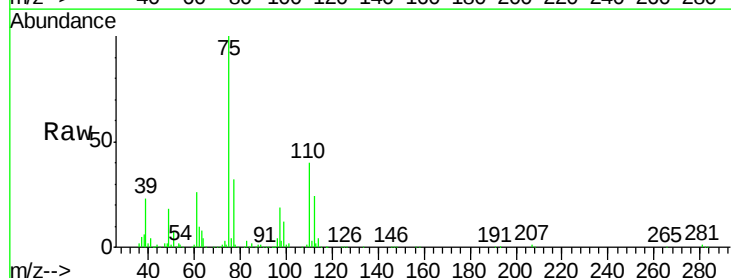
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	75	Resp:	80861
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.2	63.6





#77

Bromobenzene

Concen: 16.637 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

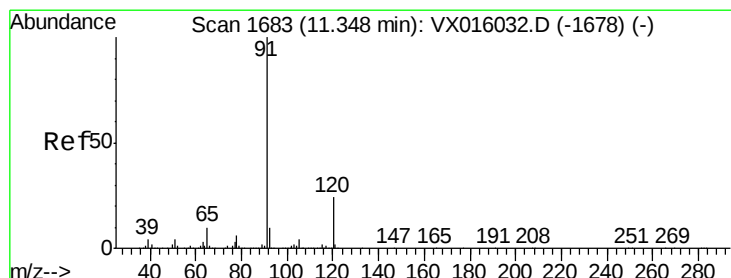
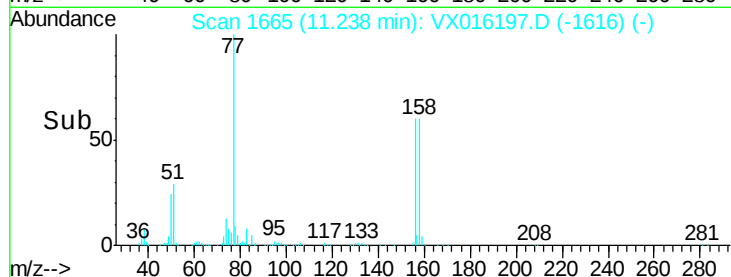
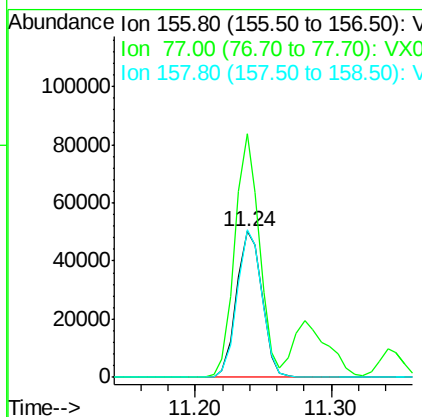
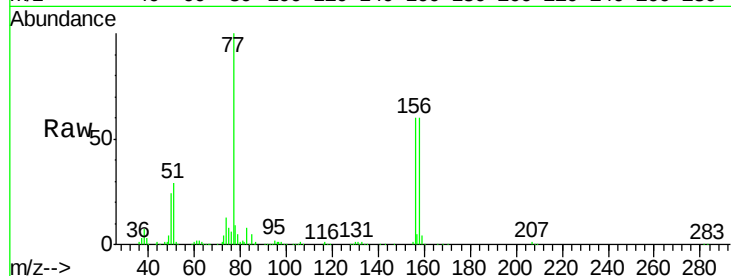
ClientSampleId :

VX0513WBS02

Tot Ion:	156	Resp:	65508
Ion	Ratio	Lower	Upper
156	100		
77	160.5	80.1	240.3
158	98.0	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 16.441 ug/l

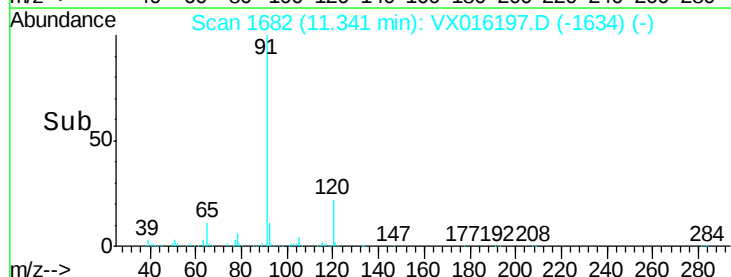
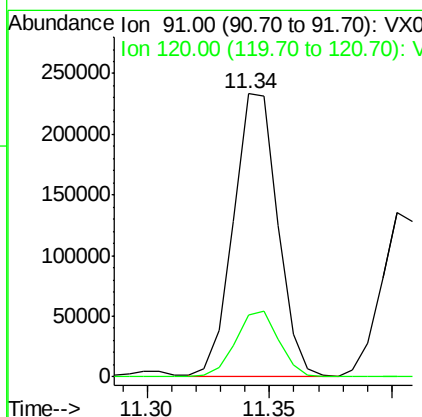
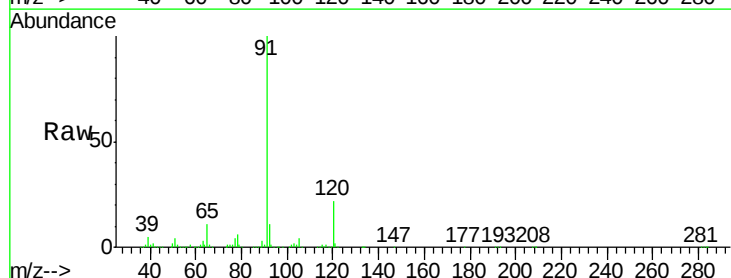
RT: 11.34 min Scan# 1682

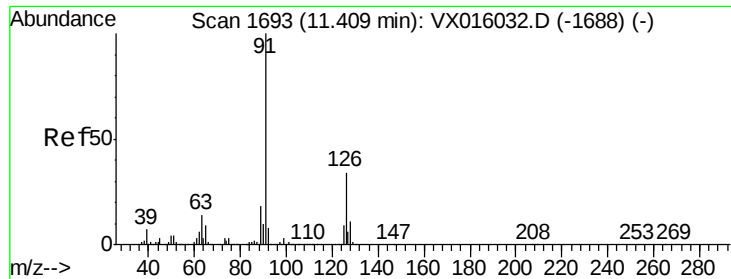
Delta R.T. -0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	91	Resp:	291760
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5





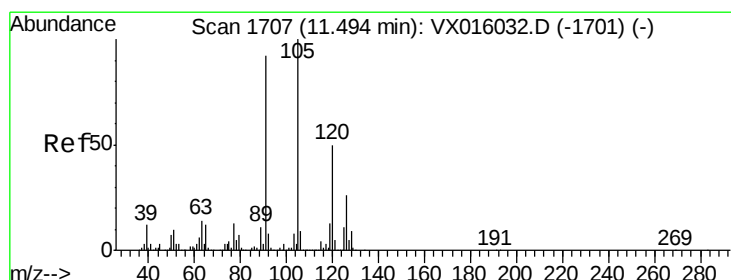
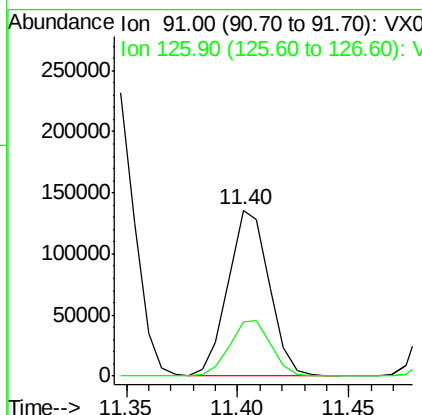
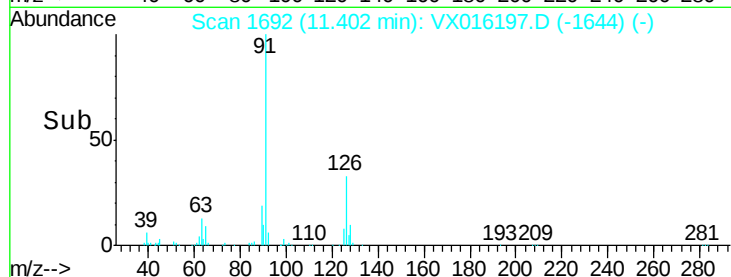
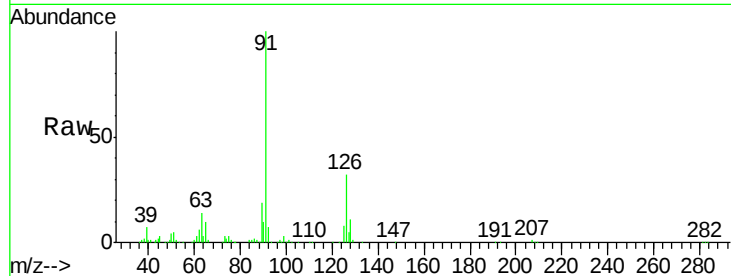
#79
 2-Chlorotoluene
 Concen: 16.622 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion: 91 Resp: 174117
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.6

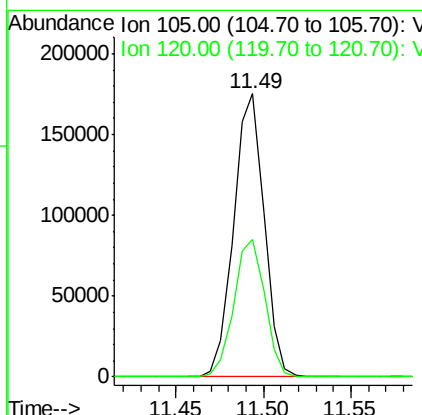
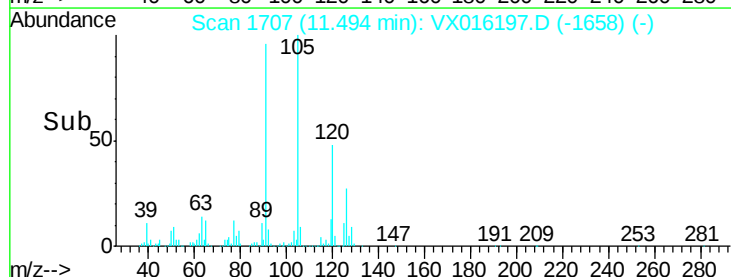
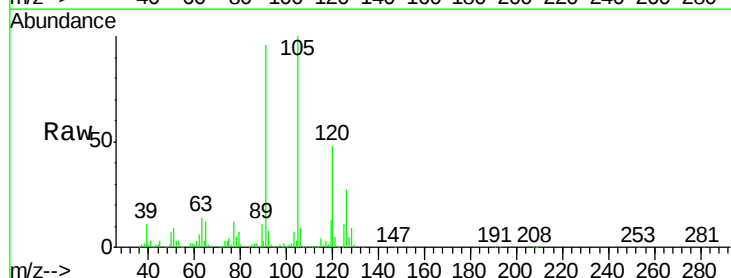
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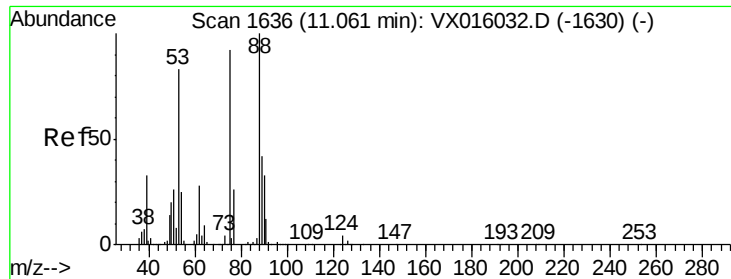
MMDadoda
 5/14/2020 12:16:04 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 16.525 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion: 105 Resp: 212834
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 74.0





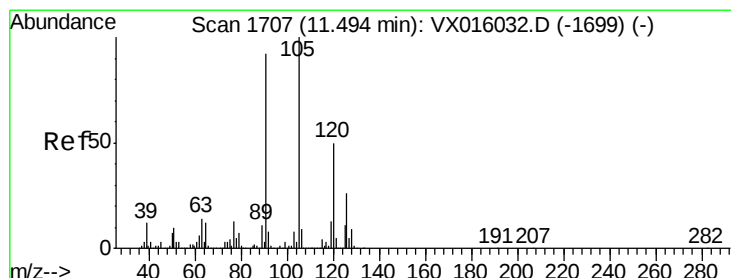
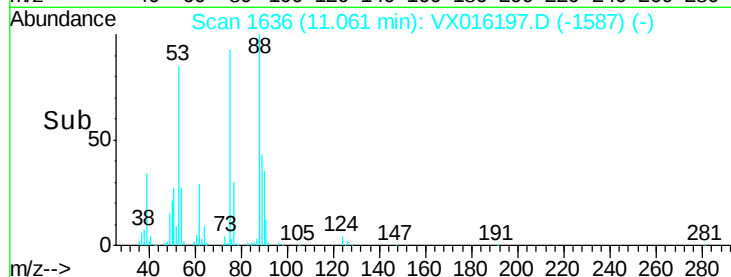
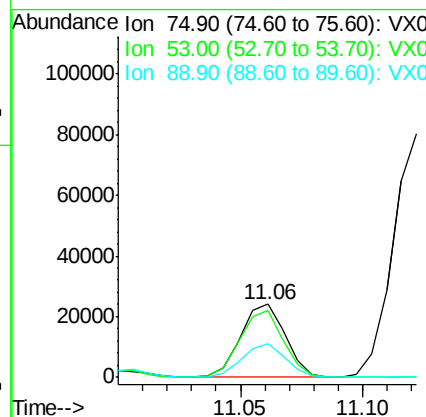
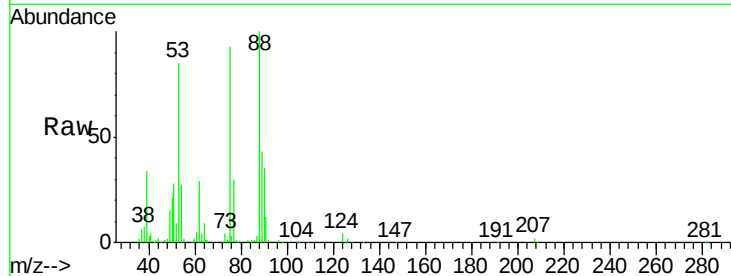
#81
trans-1,4-Dichloro-2-butene
Concen: 15.290 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.0	73.1	109.7
89	45.0	36.7	55.1

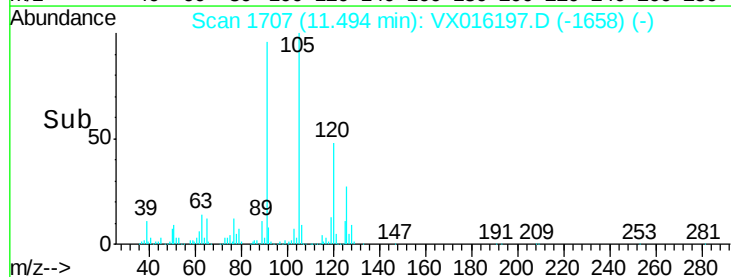
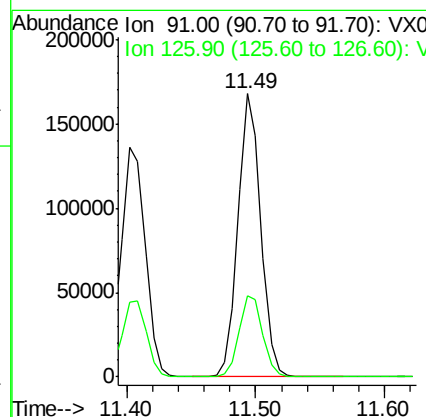
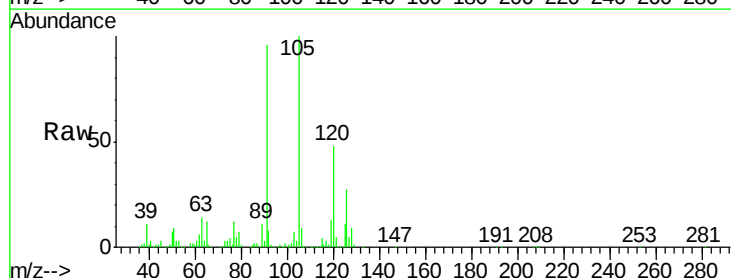
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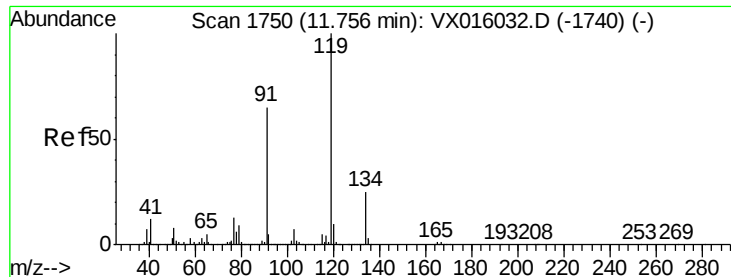
MMDadoda
5/14/2020 12:16:04 PM



#82
4-Chlorotoluene
Concen: 16.749 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.8	44.3





#83

tert-Butylbenzene

Concen: 16.473 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

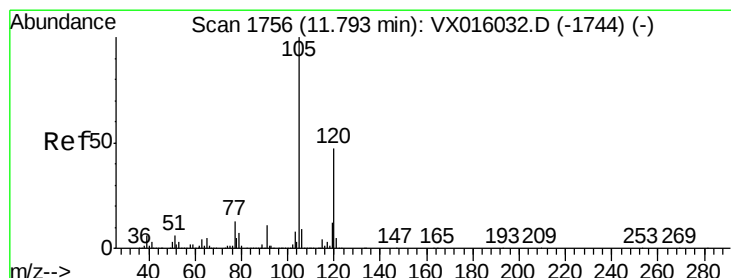
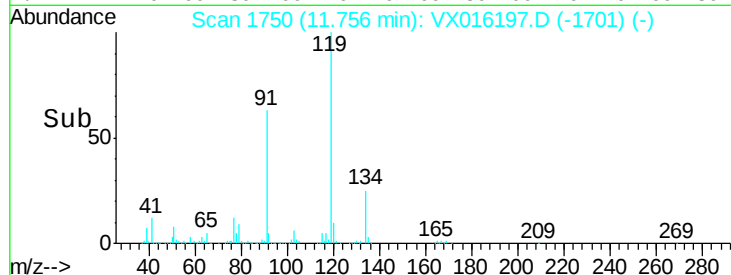
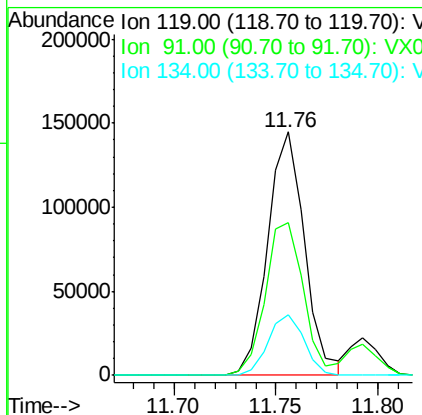
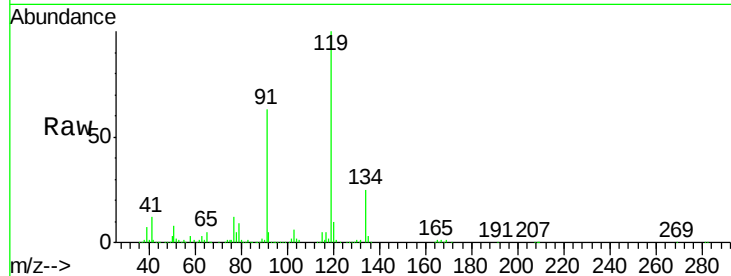
ClientSampleId :

VX0513WBS02

Tot Ion:	119	Resp:	182849
Ion Ratio	Lower	Upper	
119	100		
91	64.2	32.8	98.4
134	24.4	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 16.610 ug/l

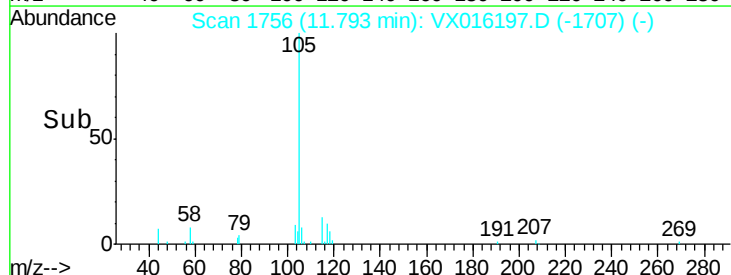
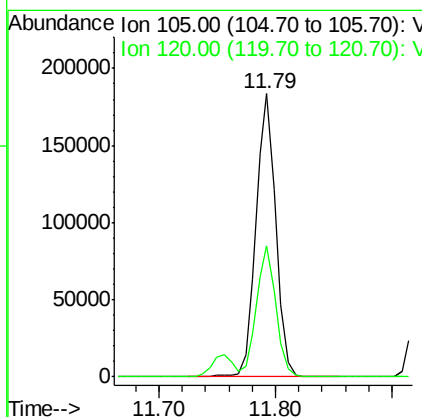
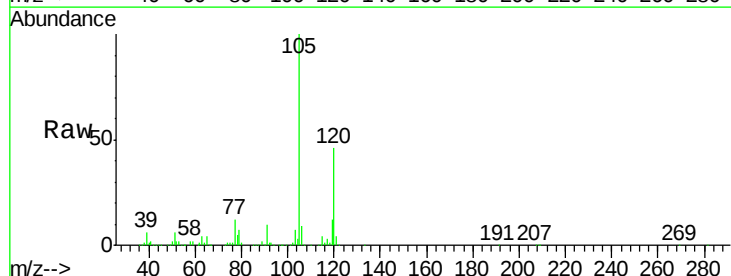
RT: 11.79 min Scan# 1756

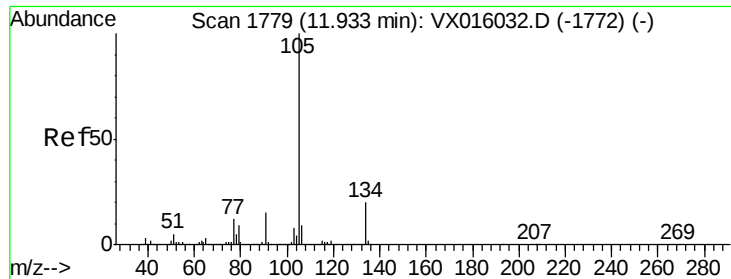
Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	105	Resp:	216289
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.0	69.0





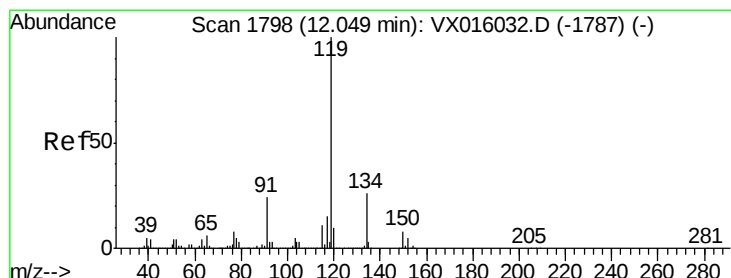
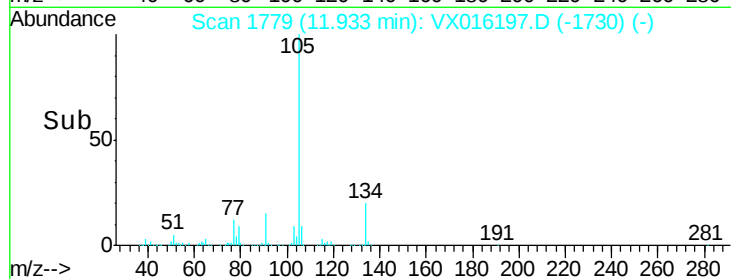
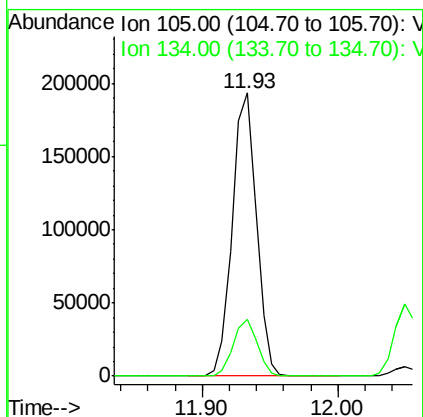
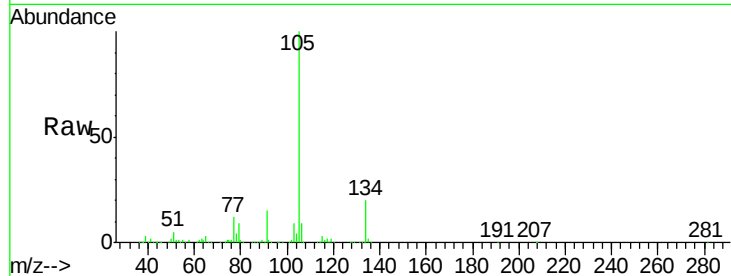
#85
 sec-Butylbenzene
 Concen: 15.948 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

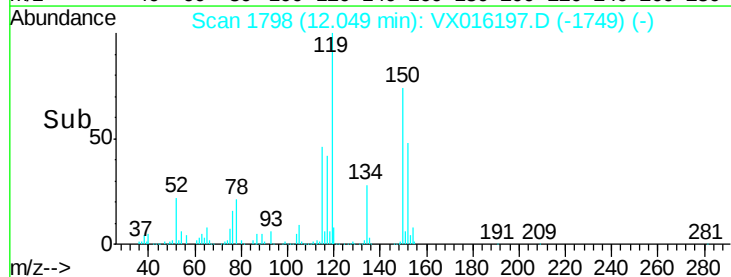
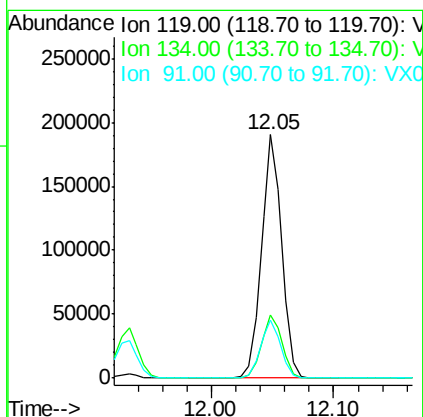
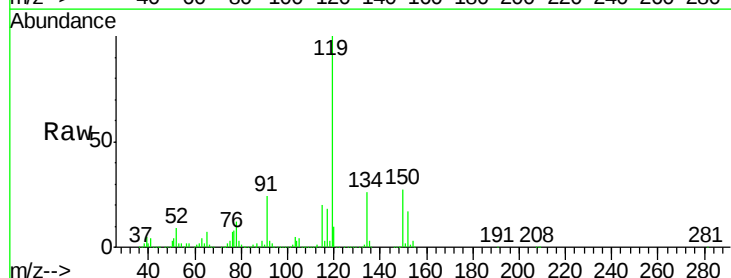
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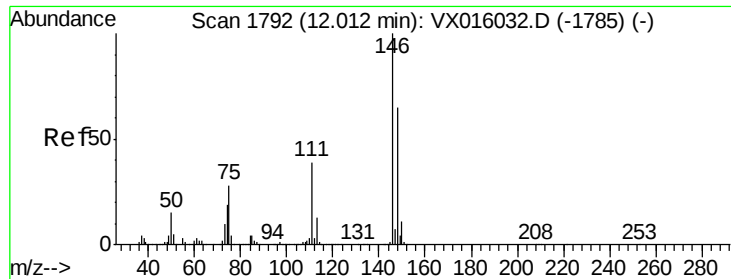
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#86
 p-Isopropyltoluene
 Concen: 15.772 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.3
91	23.8	11.8	35.4





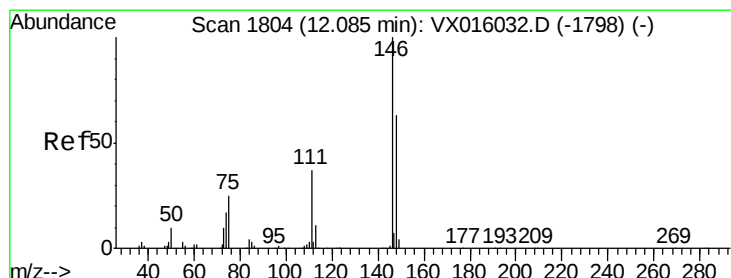
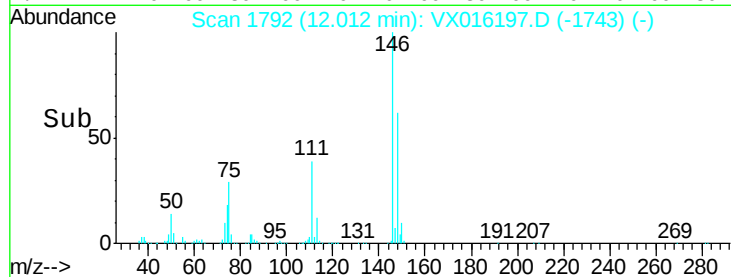
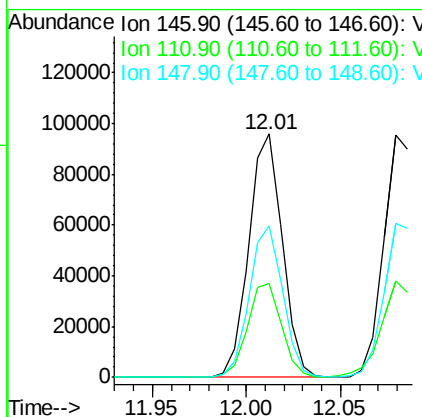
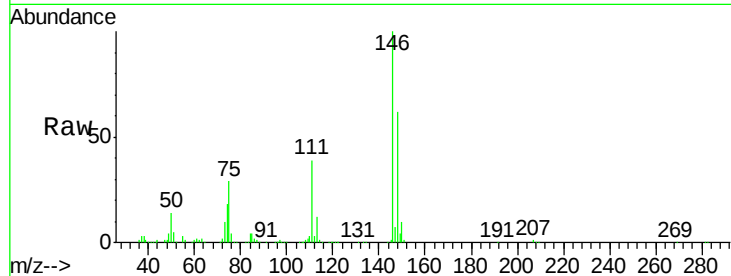
#87
 1,3-Dichlorobenzene
 Concen: 16.714 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118165		
111	39.4	20.2	60.6	
148	62.3	32.1	96.3	

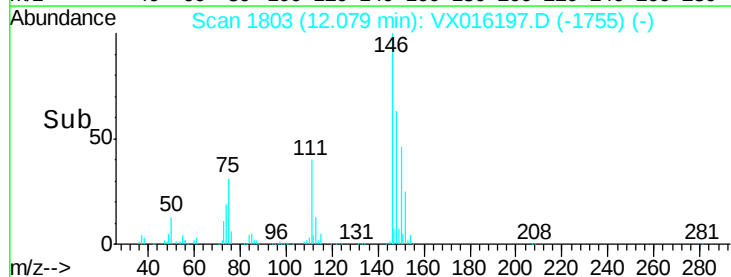
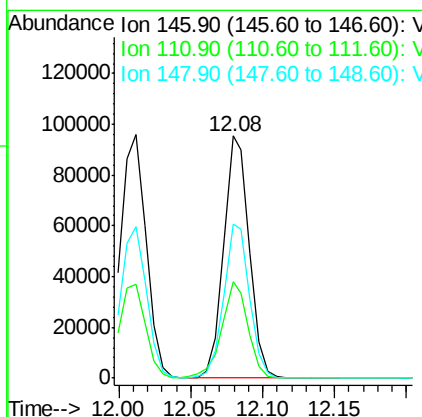
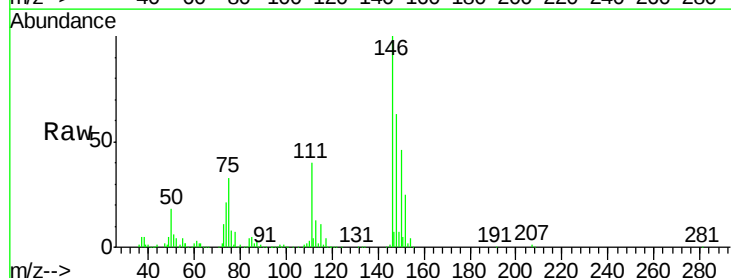
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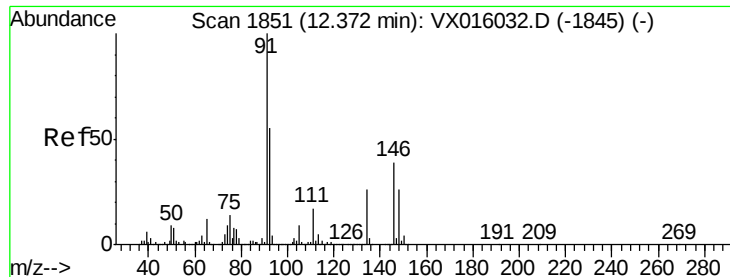
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#88
 1,4-Dichlorobenzene
 Concen: 16.656 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119517		
111	40.7	19.6	58.7	
148	63.8	31.8	95.3	





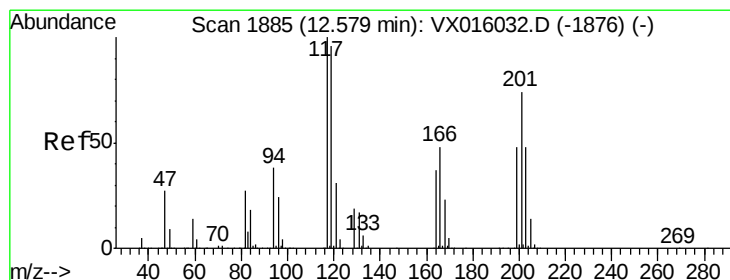
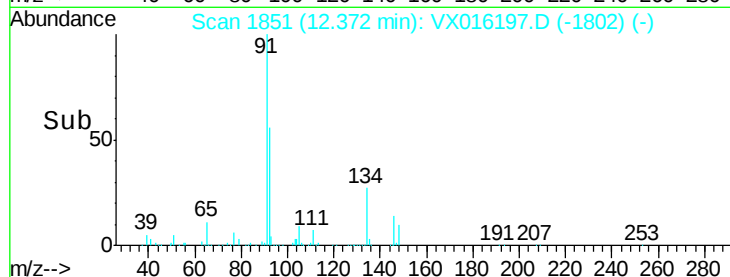
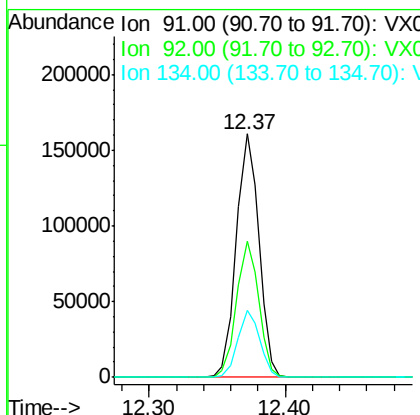
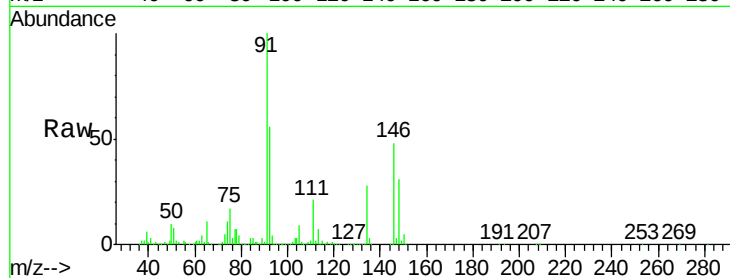
#89
n-Butylbenzene
Concen: 14.662 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	26.8	13.4	40.1

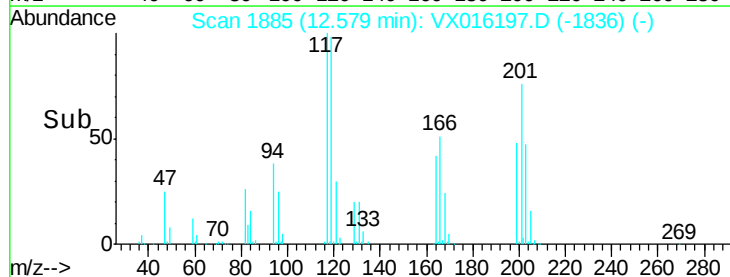
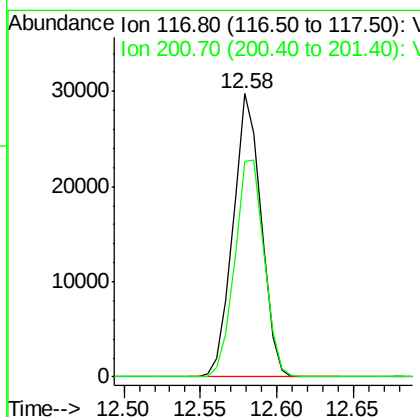
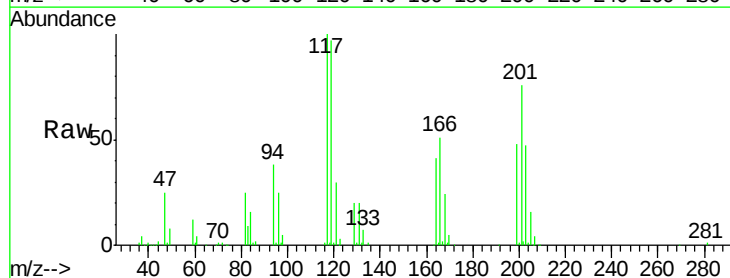
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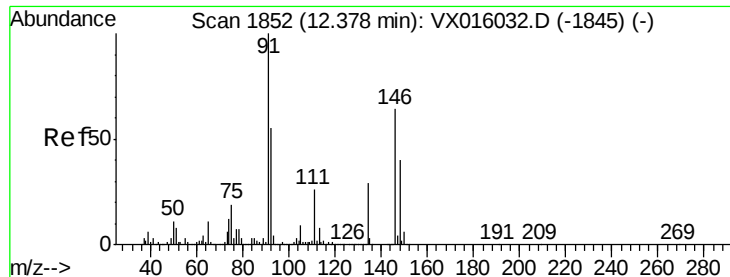
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#90
Hexachloroethane
Concen: 15.814 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 16.198 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

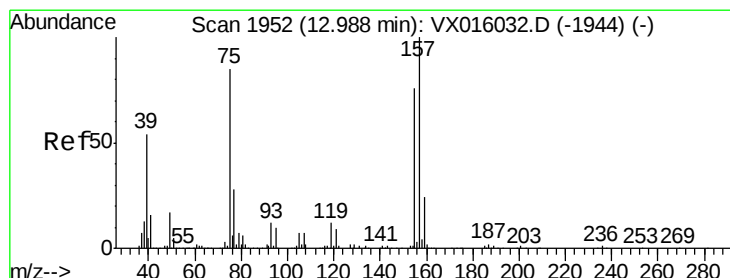
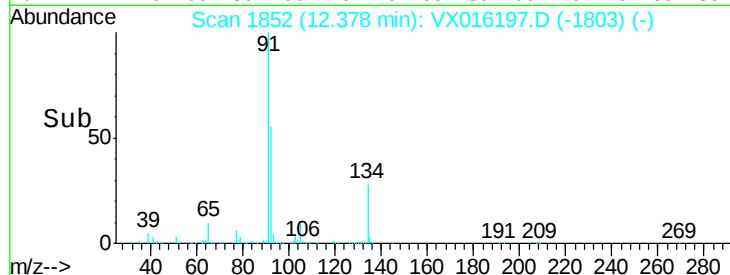
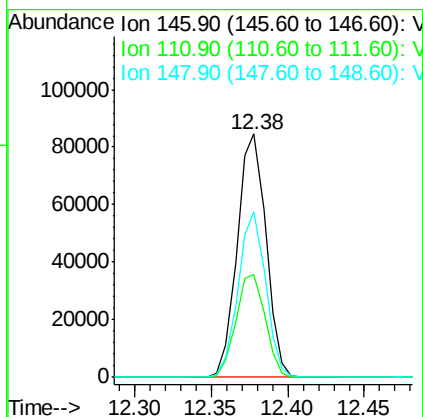
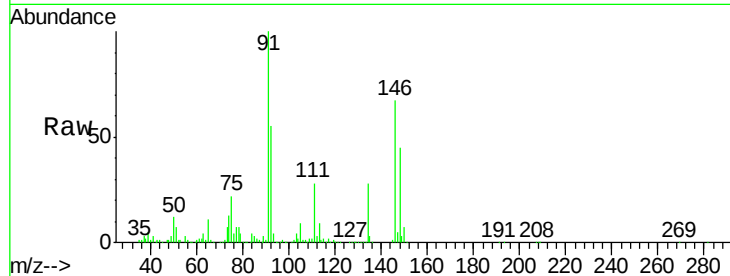
ClientSampleId :

VX0513WBS02

Tot Ion:	146	Resp:	110266
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.1	63.1
148	65.1	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 15.862 ug/l

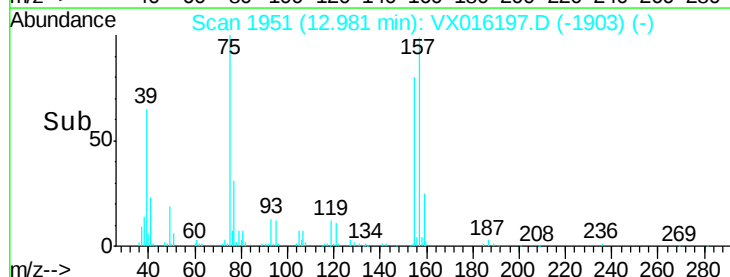
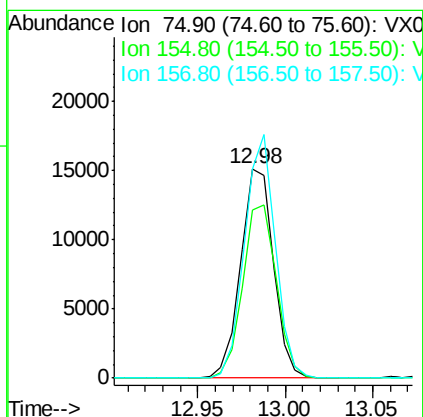
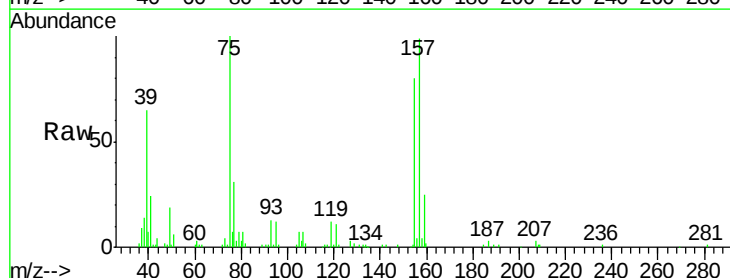
RT: 12.98 min Scan# 1951

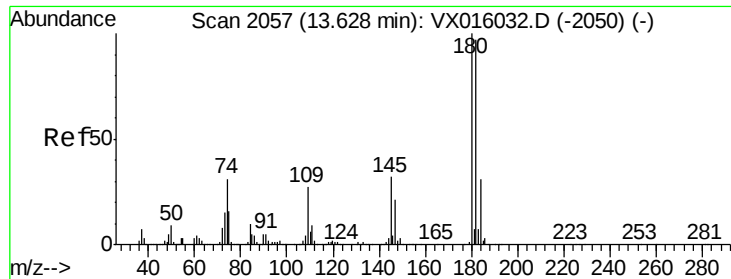
Delta R.T. -0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion:	75	Resp:	19896
Ion Ratio	Lower	Upper	
75	100		
155	84.6	42.5	127.5
157	108.5	55.3	165.8





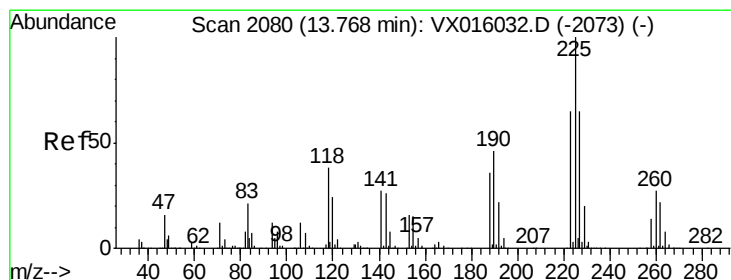
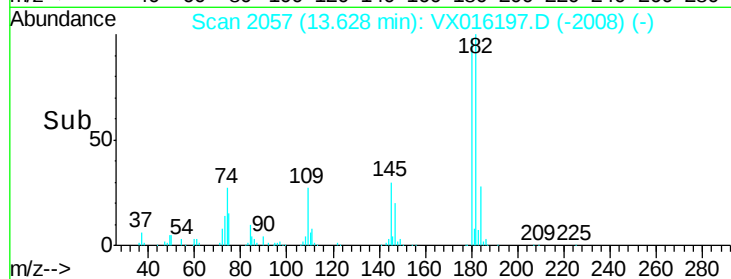
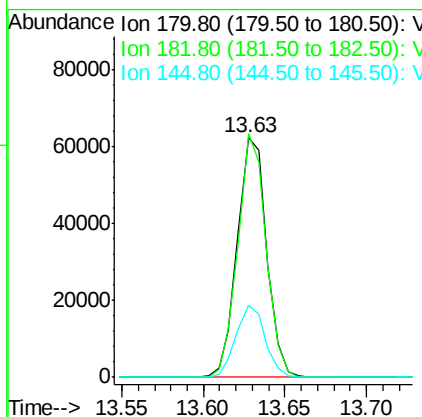
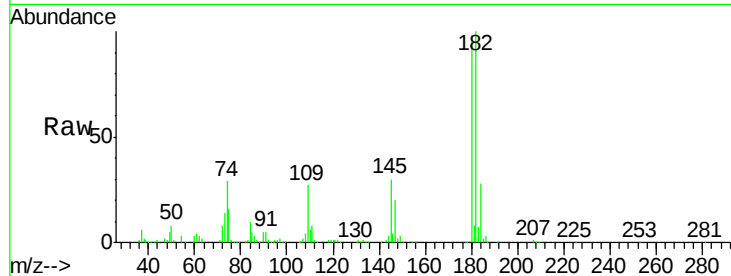
#93
 1,2,4-Trichlorobenzene
 Concen: 15.532 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	78284		
182	97.4	48.7	146.1	
145	29.8	15.7	47.1	

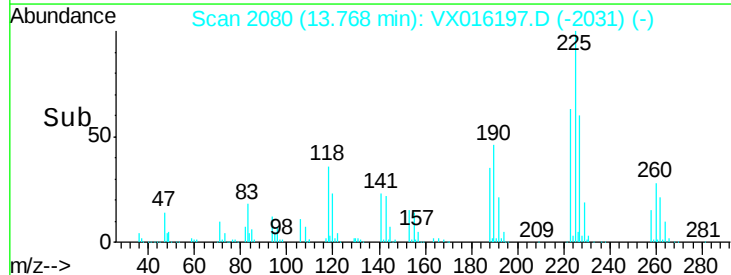
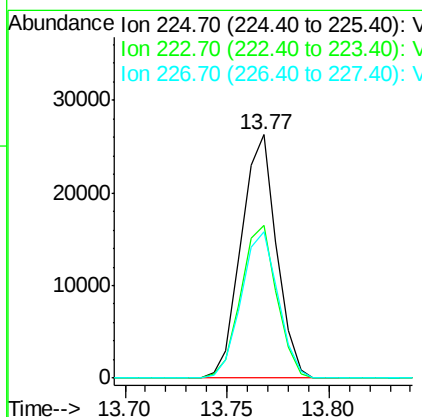
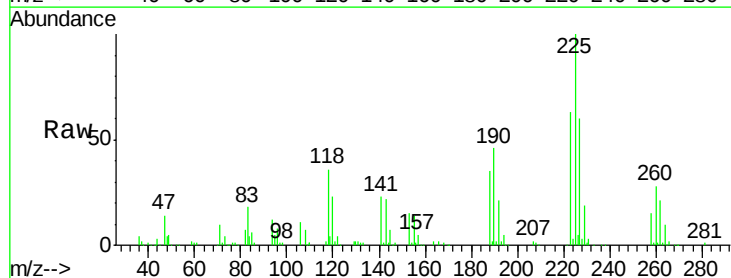
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#94
 Hexachlorobutadiene
 Concen: 14.934 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31605		
223	63.7	32.3	96.9	
227	62.5	31.8	95.4	





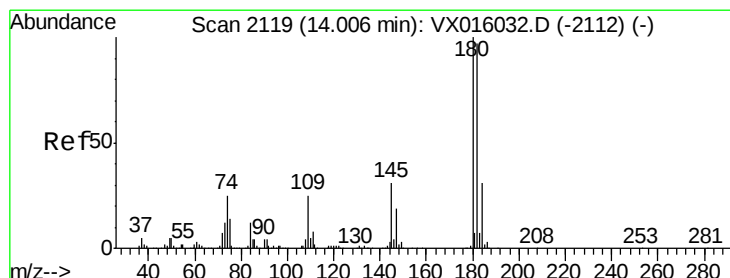
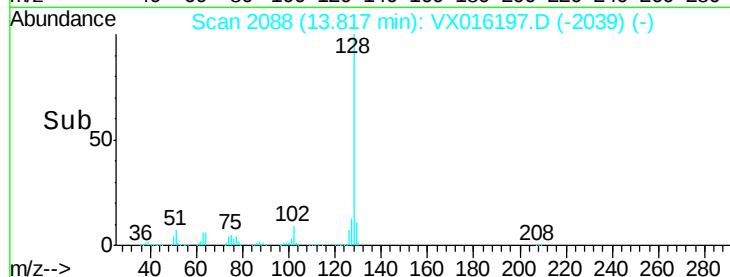
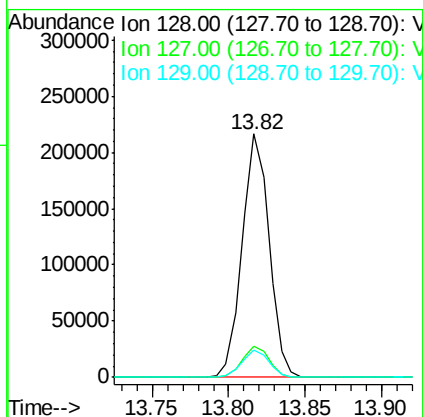
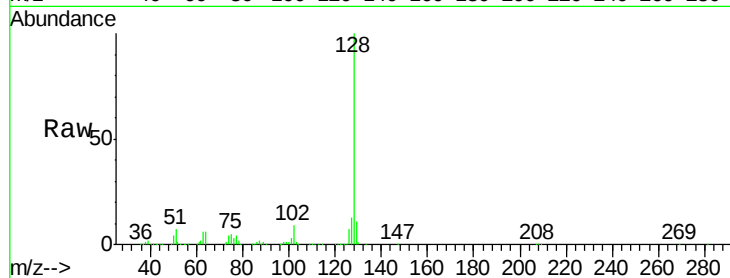
#95
Naphthalene
Concen: 16.223 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	264759		
127	12.8		10.2	15.4
129	11.2		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/14/2020 12:16:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.288 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80228		
182	91.4		48.4	145.0
145	31.7		16.4	49.1

