

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016076.D
 Acq On : 06 May 2020 12:19
 Operator : JC/SP
 Sample : VX0506WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:27:24 PM

Quant Time: May 07 07:24:37 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	5.63	168	294052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187959	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.46	113	142478	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.70	98	561135	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.12	95	212928	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	57870	18.593	ug/l	98
3) Chloromethane	1.31	50	63768	17.642	ug/l	98
4) Vinyl Chloride	1.39	62	67319	17.456	ug/l	100
5) Bromomethane	1.63	94	44090	22.678	ug/l	97
6) Chloroethane	1.71	64	42256	18.009	ug/l	98
7) Trichlorofluoromethane	1.92	101	90427	17.861	ug/l	99
8) Diethyl Ether	2.17	74	38985	18.275	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54966	18.818	ug/l	99
10) Methyl Iodide	2.49	142	65095	16.591	ug/l	100
11) Tert butyl alcohol	3.01	59	87465	89.389	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53357	17.456	ug/l	97
13) Acrolein	2.27	56	44085	71.999	ug/l	99
14) Allyl chloride	2.71	41	101173	18.052	ug/l	98
15) Acrylonitrile	3.11	53	184053	90.673	ug/l	98
16) Acetone	2.42	43	154861	89.696	ug/l	97
17) Carbon Disulfide	2.55	76	164052	17.738	ug/l	99
18) Methyl Acetate	2.75	43	77548	18.268	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	196770	18.674	ug/l	100
20) Methylene Chloride	2.83	84	62285	17.500	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	59223	17.386	ug/l	97
22) Diisopropyl ether	3.82	45	196213	18.557	ug/l	92
23) Vinyl Acetate	3.78	43	871066	93.639	ug/l	100
24) 1,1-Dichloroethane	3.67	63	107925	18.247	ug/l	99
25) 2-Butanone	4.63	43	253929	91.273	ug/l	100
26) 2,2-Dichloropropane	4.56	77	96801	17.921	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	67391	18.097	ug/l	100
28) Bromochloromethane	4.98	49	50472	18.714	ug/l	100
29) Tetrahydrofuran	5.09	42	167620	90.929	ug/l	100
30) Chloroform	5.18	83	107817	18.308	ug/l	96
31) Cyclohexane	5.54	56	99514	18.513	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	97823	18.274	ug/l	100
36) 1,1-Dichloropropene	5.77	75	81747	17.699	ug/l	98
37) Ethyl Acetate	4.79	43	97907	18.290	ug/l	100
38) Carbon Tetrachloride	5.75	117	85023	18.111	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	102564	18.440	ug/l	98
40) Benzene	6.11	78	246118	18.212	ug/l	99
41) Methacrylonitrile	5.00	41	53066	18.356	ug/l	99
42) 1,2-Dichloroethane	6.16	62	90373	18.564	ug/l	100
43) Isopropyl Acetate	6.41	43	157359	18.424	ug/l	99
44) Trichloroethene	7.19	130	88037	18.337	ug/l	98
45) 1,2-Dichloropropane	7.49	63	64431	18.842	ug/l	99
46) Dibromomethane	7.64	93	42888	18.456	ug/l	100
47) Bromodichloromethane	7.87	83	88257	18.648	ug/l	98
48) Methyl methacrylate	7.74	41	72536	17.923	ug/l	99
49) 1,4-Dioxane	7.71	88	34966	360.232	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	486718	93.122	ug/l	100
52) Toluene	8.76	92	156584	18.589	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103134	18.277	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	107787	18.287	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62467	18.849	ug/l	99
56) Ethyl methacrylate	9.16	69	100789	18.631	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108581	18.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	264055	91.687	ug/l	100
59) 2-Hexanone	9.47	43	375111	91.387	ug/l	100
60) Dibromochloromethane	9.57	129	67113	18.387	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66158	18.430	ug/l	98
64) Tetrachloroethene	9.32	164	100099	19.103	ug/l	98
65) Chlorobenzene	10.12	112	166200	18.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	61863	18.727	ug/l	98
67) Ethyl Benzene	10.23	91	293425	18.400	ug/l	97
68) m/p-Xylenes	10.34	106	225225	37.696	ug/l	100
69) o-Xylene	10.68	106	106747	18.587	ug/l	99
70) Styrene	10.70	104	179767	18.450	ug/l	99
71) Bromoform	10.84	173	49987	18.573	ug/l #	99
73) Isopropylbenzene	11.00	105	288402	18.144	ug/l	99
74) N-amyl acetate	10.88	43	131624	17.753	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	50080	18.416	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	91251m	18.401	ug/l	
77) Bromobenzene	11.24	156	71512	17.430	ug/l	98
78) n-propylbenzene	11.34	91	330420	17.869	ug/l	100
79) 2-Chlorotoluene	11.40	91	196600	18.012	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	243685	18.157	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	37264	17.907	ug/l	99
82) 4-Chlorotoluene	11.49	91	231742	17.979	ug/l	100
83) tert-Butylbenzene	11.76	119	208267	18.007	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	243601	17.954	ug/l	100
85) sec-Butylbenzene	11.93	105	278060	17.806	ug/l	99
86) p-Isopropyltoluene	12.05	119	259946	17.929	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	128791	17.483	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	130675	17.477	ug/l	97
89) n-Butylbenzene	12.37	91	231710	17.494	ug/l	98
90) Hexachloroethane	12.58	117	43327	17.400	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	127270	17.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21165	16.193	ug/l	97

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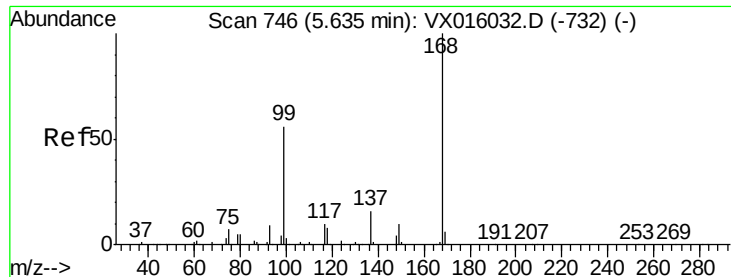
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	93463	17.797	ug/l	96
94) Hexachlorobutadiene	13.77	225	42108	18.949	ug/l	98
95) Naphthalene	13.82	128	301622	17.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	92390	18.001	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion:168 Resp: 294052

Ion Ratio Lower Upper

168 100

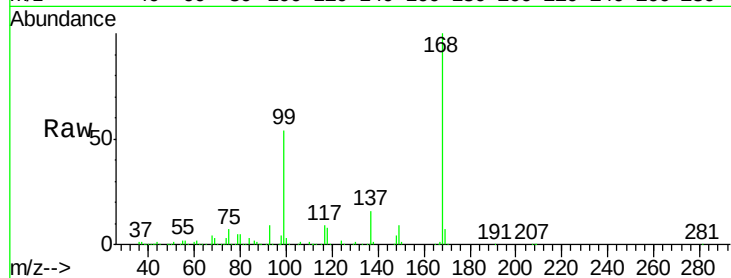
99 53.6 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

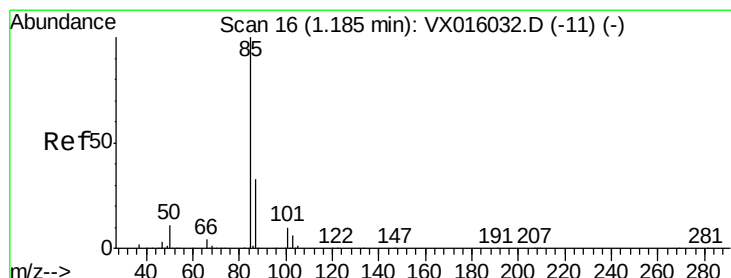
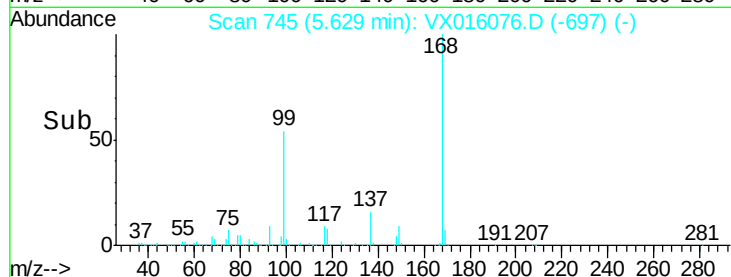
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.593 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016076.D

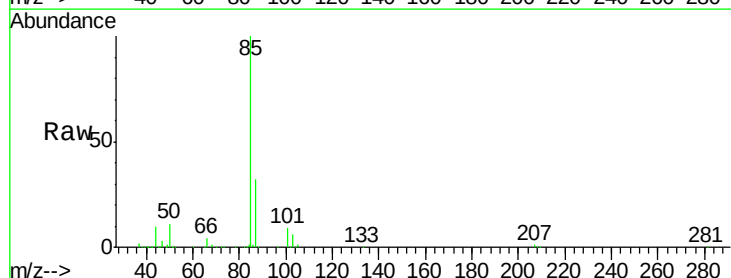
Acq: 06 May 2020 12:19

Tgt Ion: 85 Resp: 57870

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

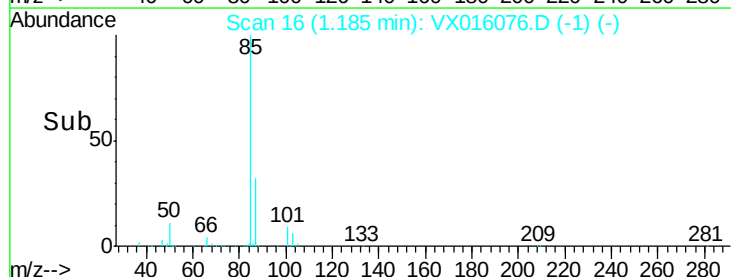
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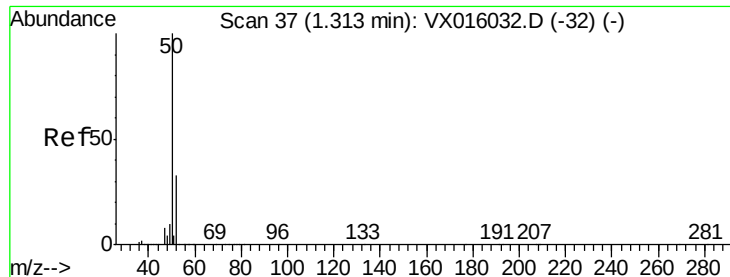
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20000

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Time-->





#3

Chloromethane

Concen: 17.642 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 50 Resp: 63768

Ion Ratio Lower Upper

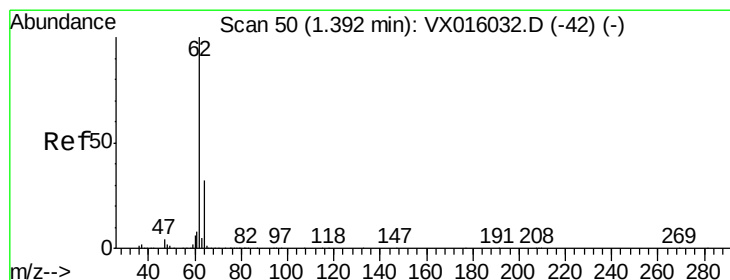
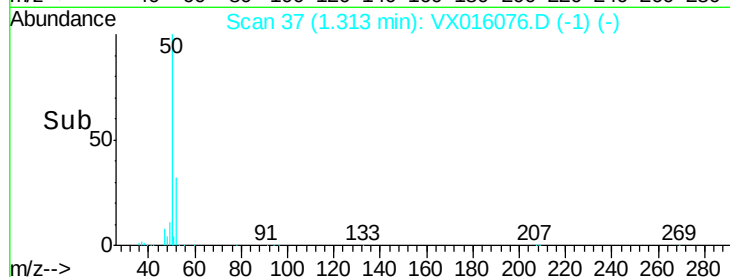
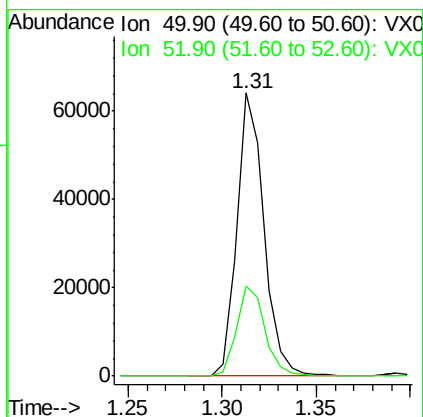
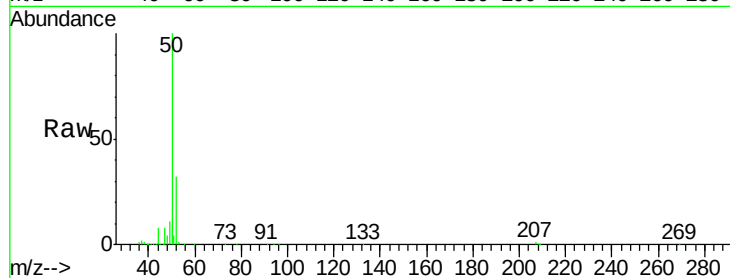
50 100

52 31.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 17.456 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016076.D

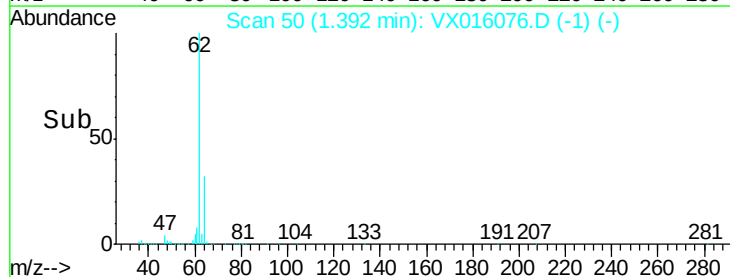
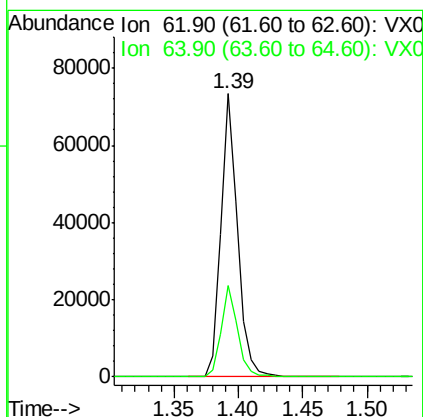
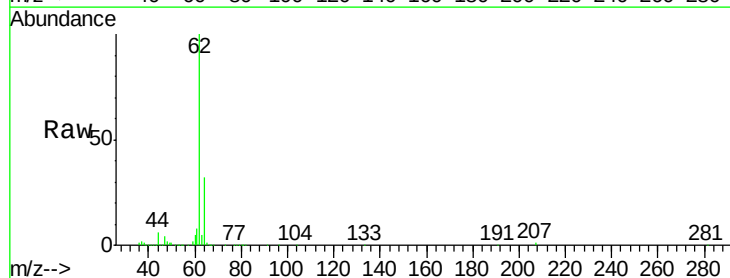
Acq: 06 May 2020 12:19

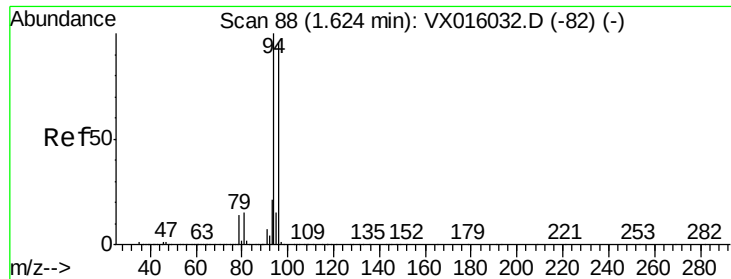
Tgt Ion: 62 Resp: 67319

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 22.678 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 94 Resp: 44090

Ion Ratio Lower Upper

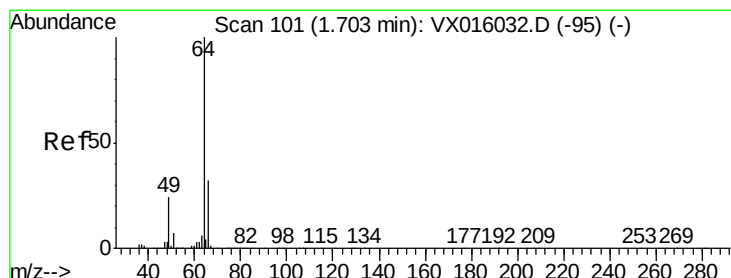
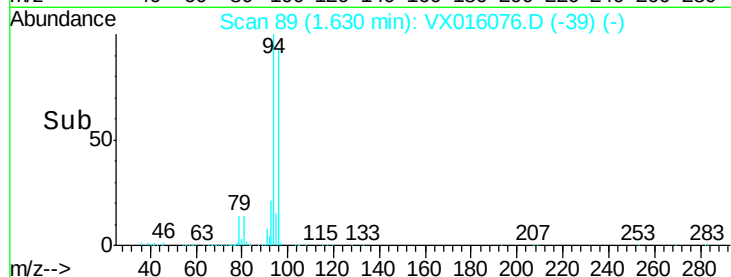
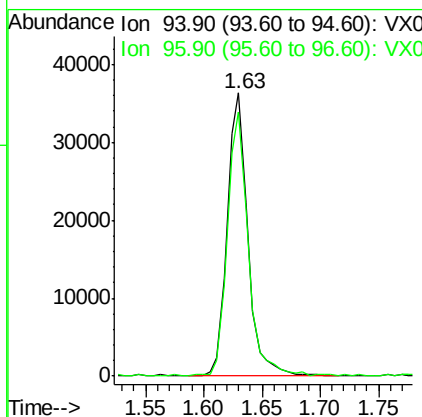
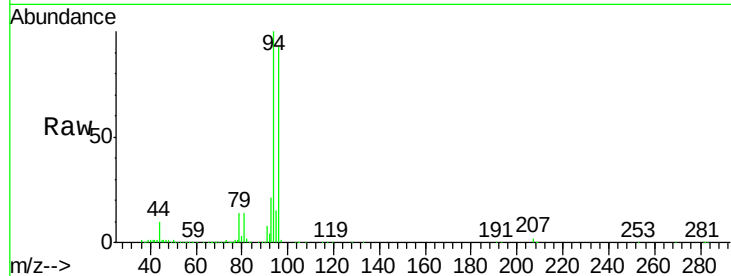
94 100

96 93.2 76.9 115.3

Manual Integrations
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#6

Chloroethane

Concen: 18.009 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016076.D

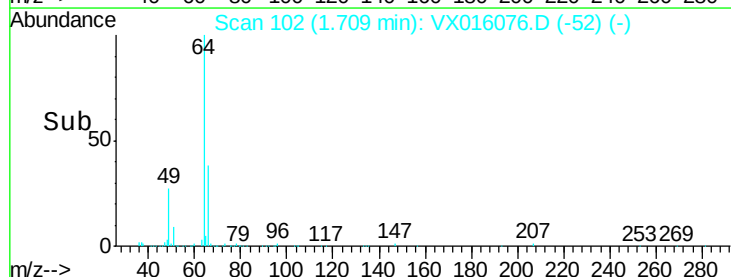
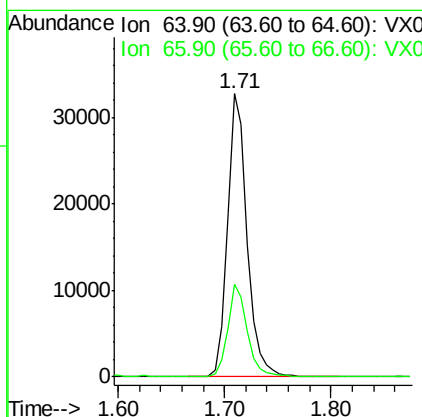
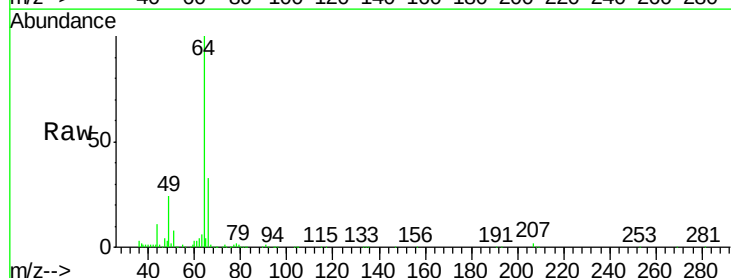
Acq: 06 May 2020 12:19

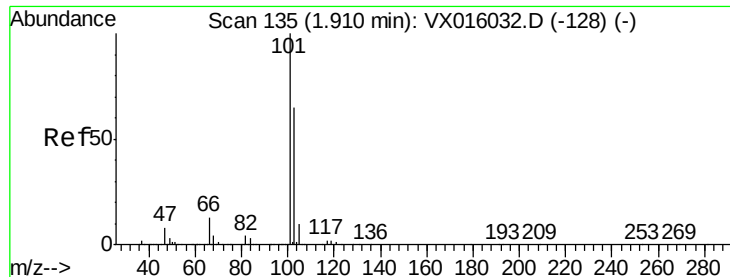
Tgt Ion: 64 Resp: 42256

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8





#7

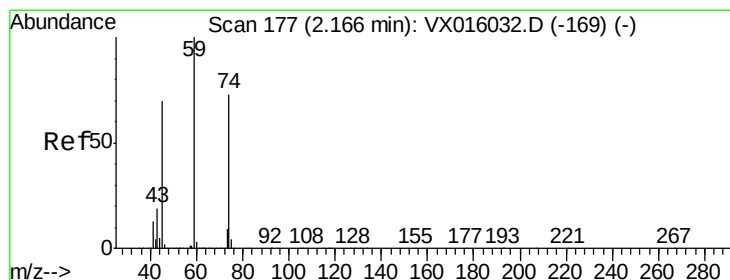
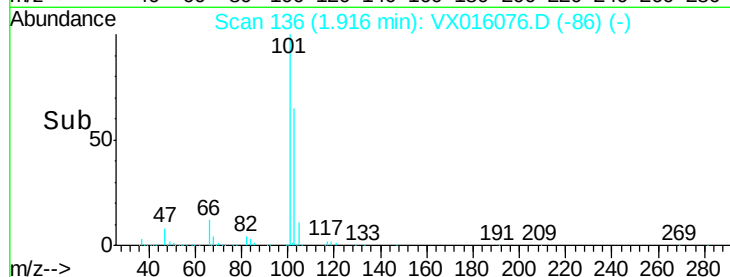
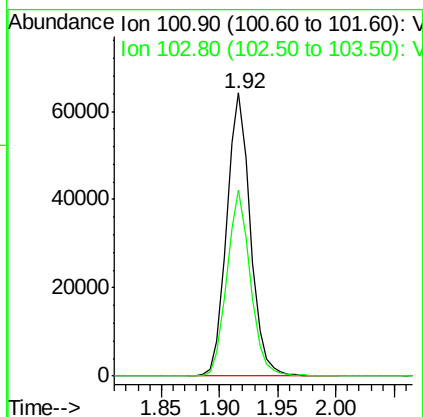
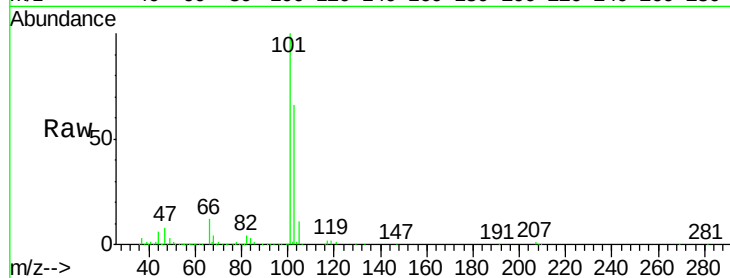
Trichlorofluoromethane
Concen: 17.861 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
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ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

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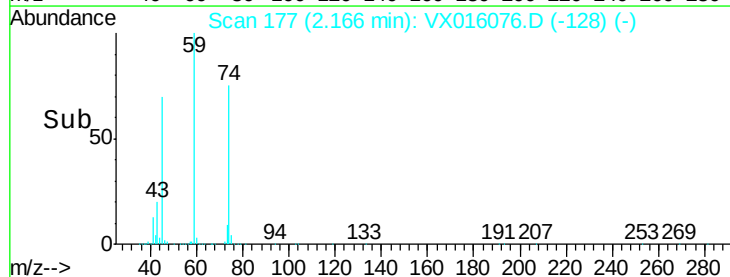
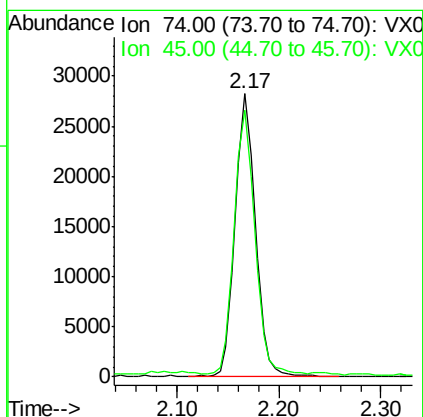
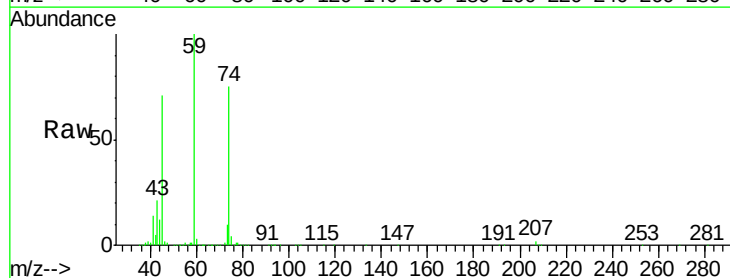
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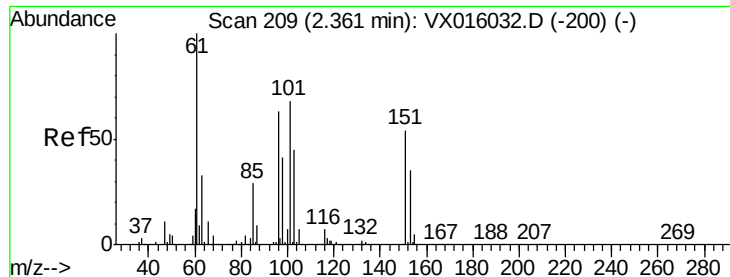


#8

Diethyl Ether
Concen: 18.275 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.818 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

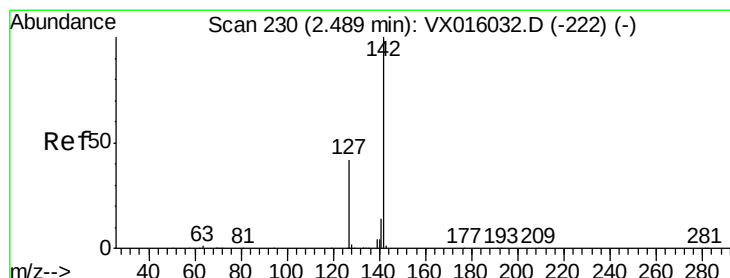
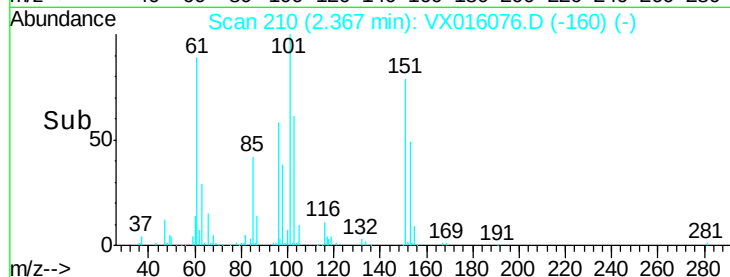
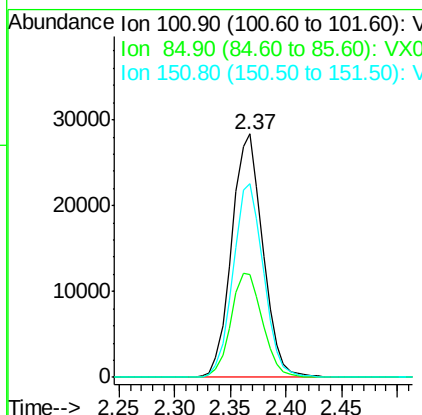
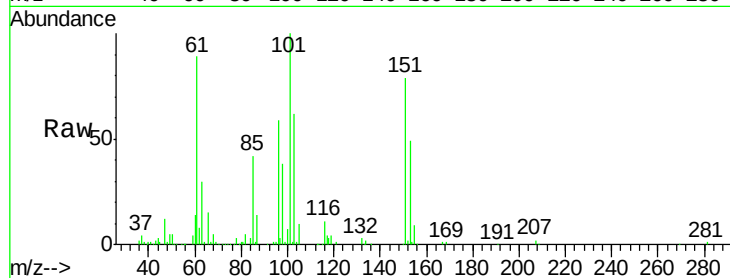
ClientSampleId :

VX0506WBSD01

Tot Ion:	101	Resp:	54966
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.2	51.4
151	78.0	62.1	93.1

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#10

Methyl Iodide

Concen: 16.591 ug/l

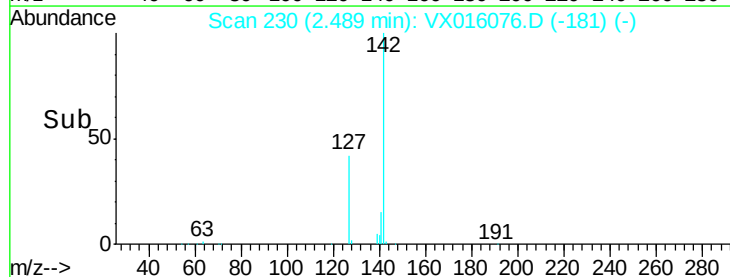
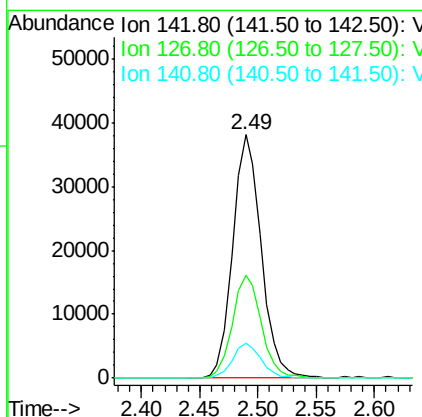
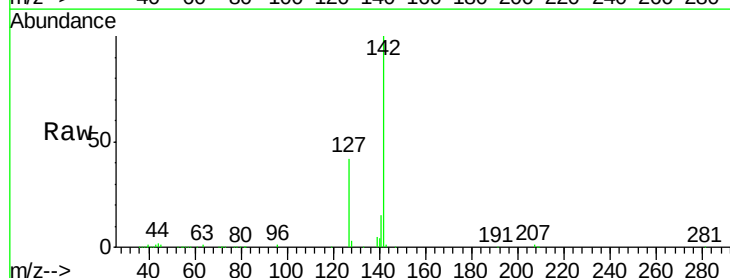
RT: 2.49 min Scan# 230

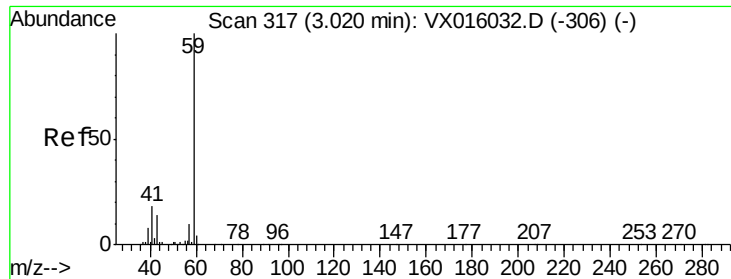
Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	142	Resp:	65095
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.6	52.0
141	14.4	11.3	16.9





#11

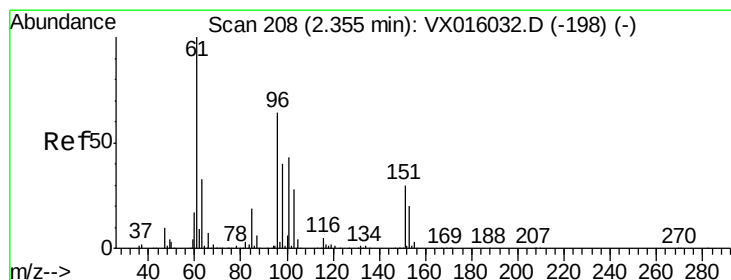
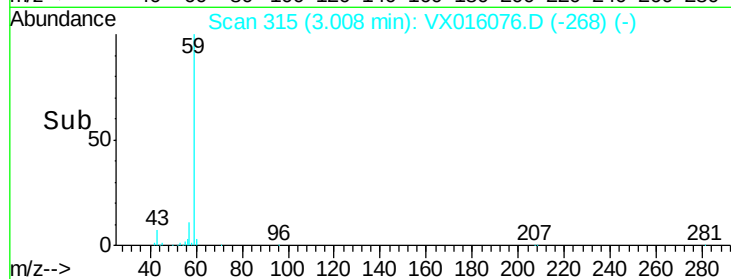
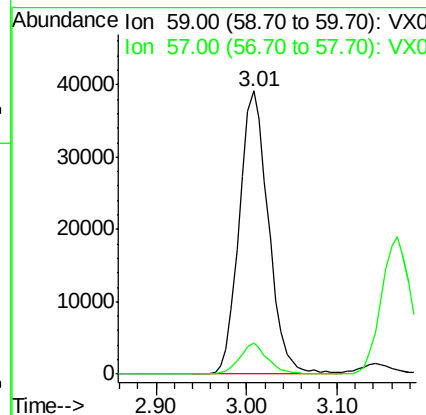
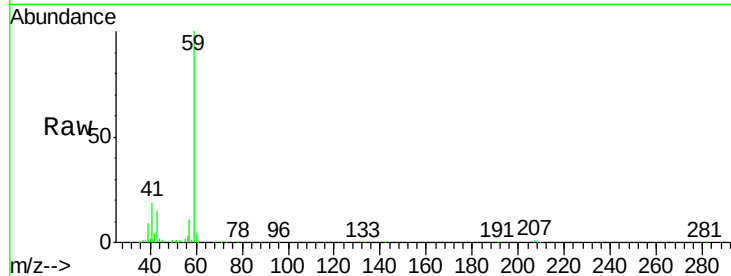
Tert butyl alcohol
Concen: 89.389 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

Manual Integrations
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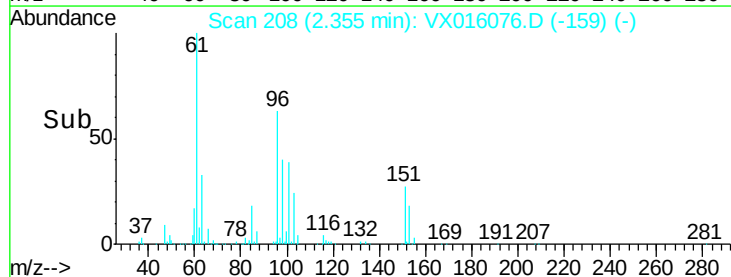
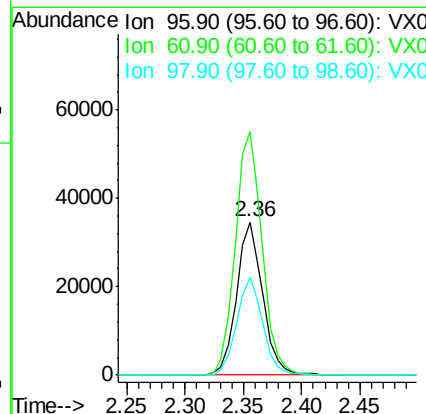
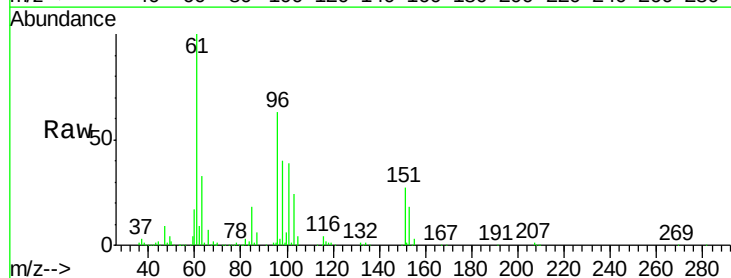
MMDadoda
5/8/2020 1:27:24 PM

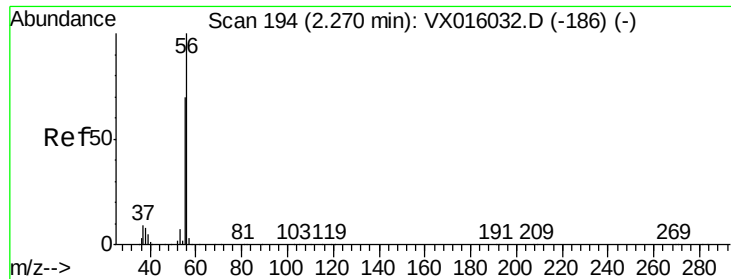


#12

1,1-Dichloroethene
Concen: 17.456 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	124.8	187.2
98	64.0	49.7	74.5





#13

Acrolein

Concen: 71.999 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 56 Resp: 44085

Ion Ratio Lower Upper

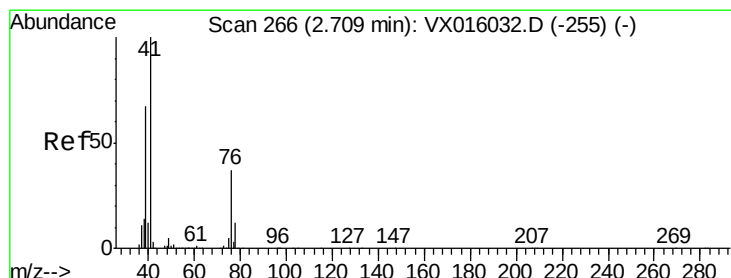
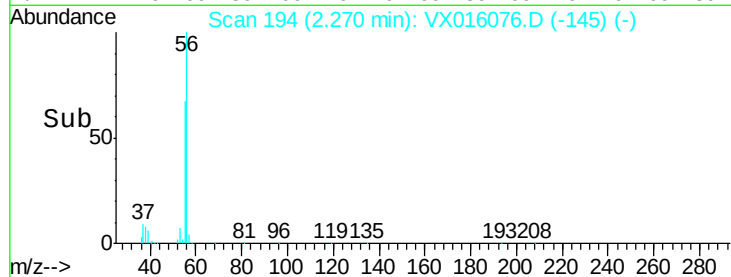
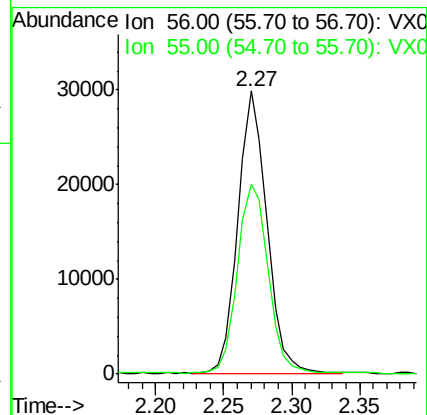
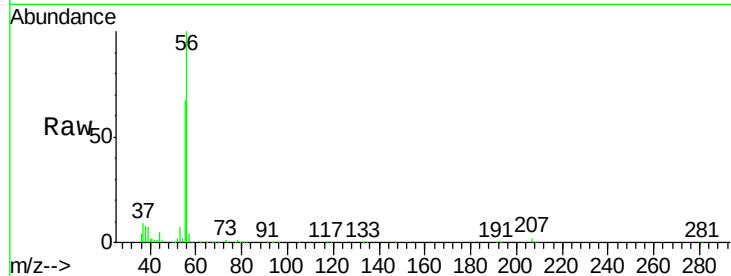
56 100

55 71.2 56.5 84.7

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 18.052 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

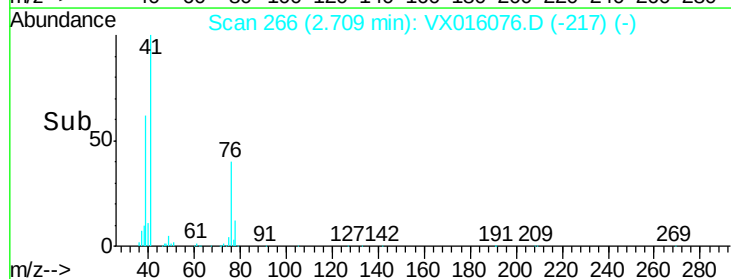
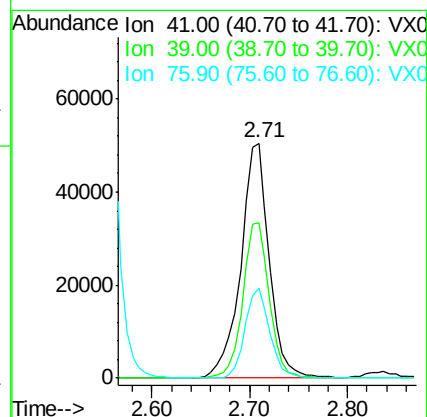
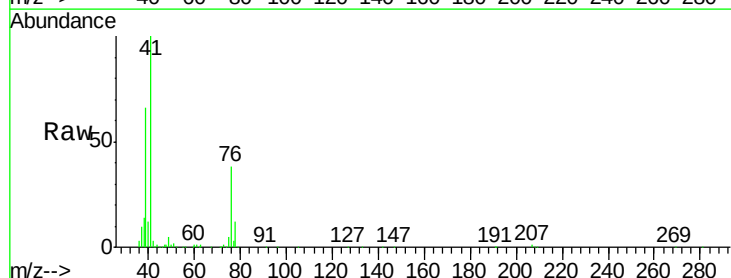
Tgt Ion: 41 Resp: 101173

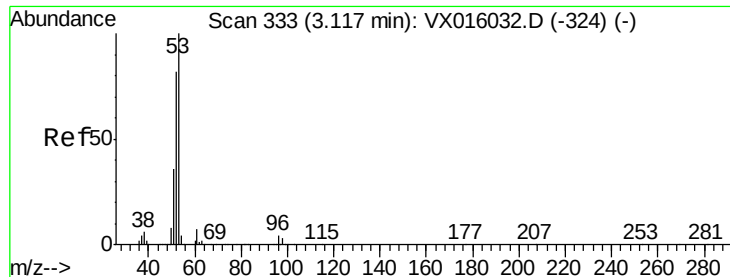
Ion Ratio Lower Upper

41 100

39 61.4 50.5 75.7

76 33.5 26.6 40.0





#15

Acrylonitrile

Concen: 90.673 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

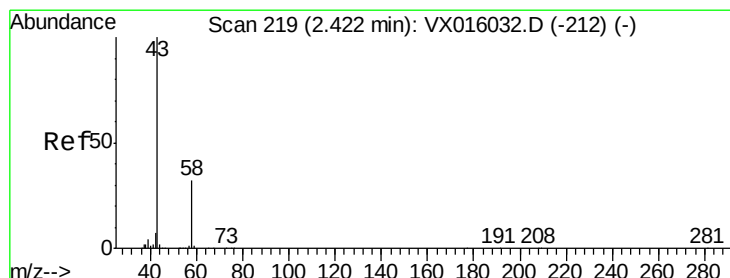
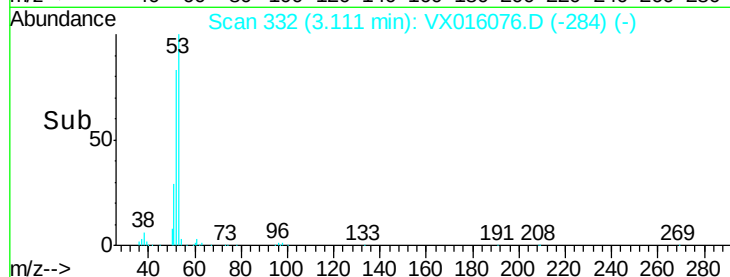
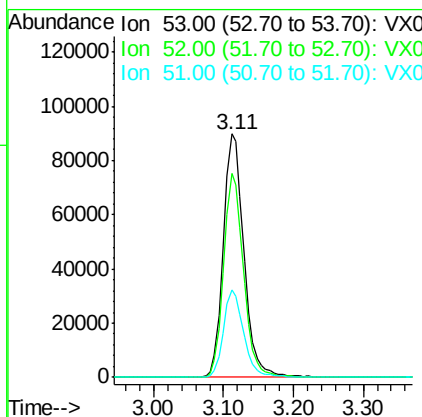
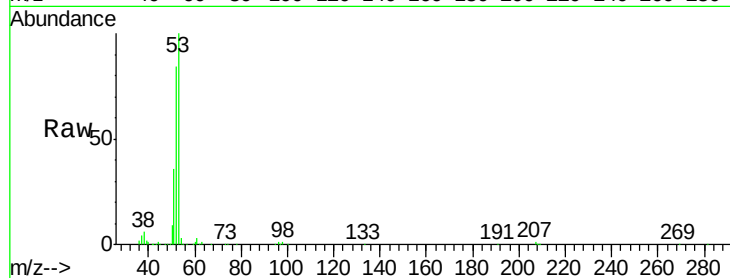
ClientSampleId :

VX0506WBSD01

Tot Ion:	53	Resp:	184053
Ion Ratio		Lower	Upper
53	100		
52	81.0	66.1	99.1
51	35.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 89.696 ug/l

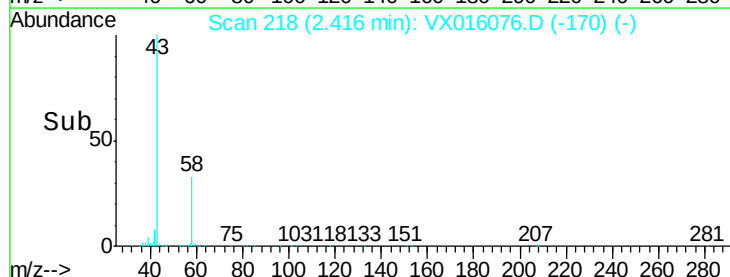
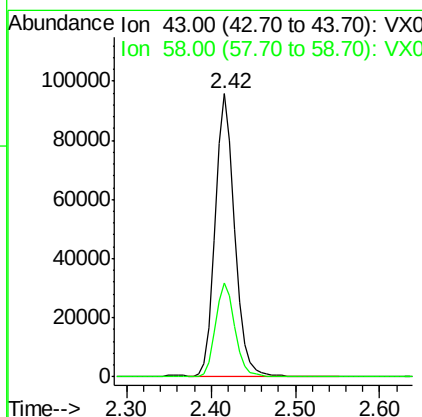
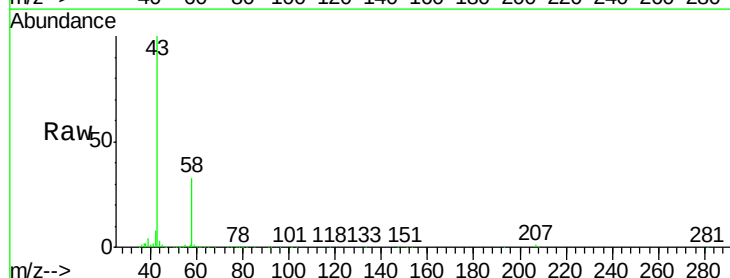
RT: 2.42 min Scan# 218

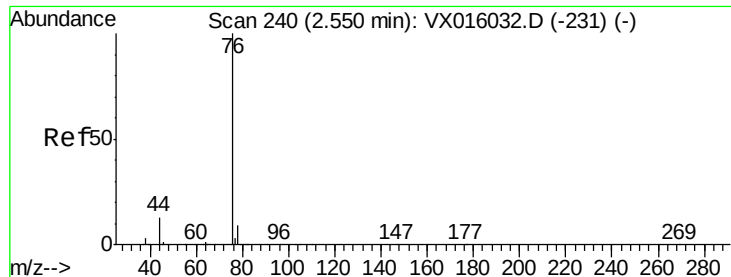
Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	43	Resp:	154861
Ion Ratio		Lower	Upper
43	100		
58	33.1	25.4	38.0





#17

Carbon Disulfide

Concen: 17.738 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 76 Resp: 164052

Ion Ratio Lower Upper

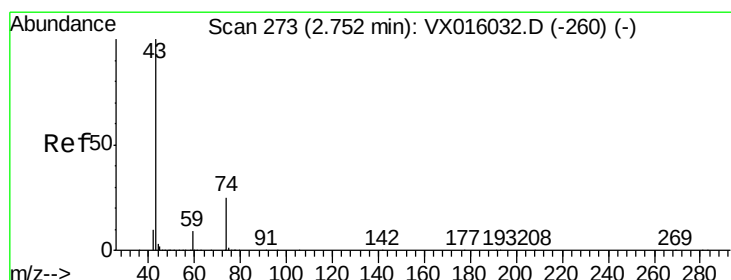
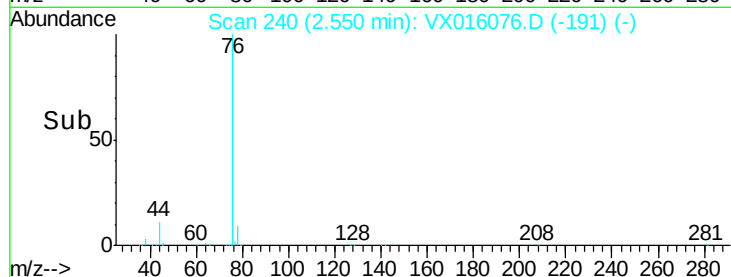
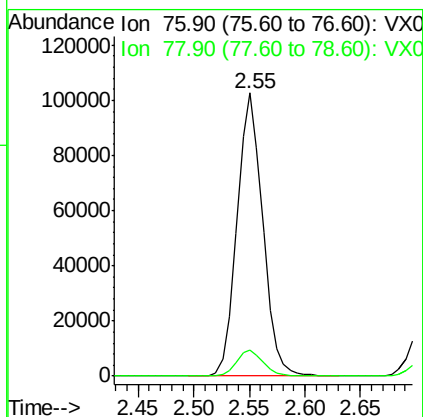
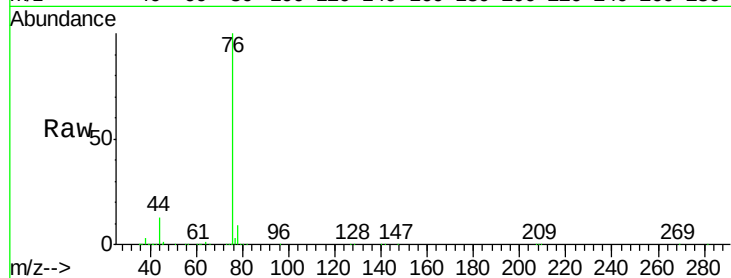
76 100

78 9.0 7.5 11.3

Manual Integrations
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#18

Methyl Acetate

Concen: 18.268 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016076.D

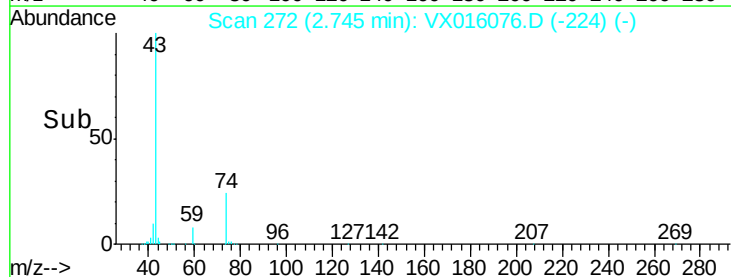
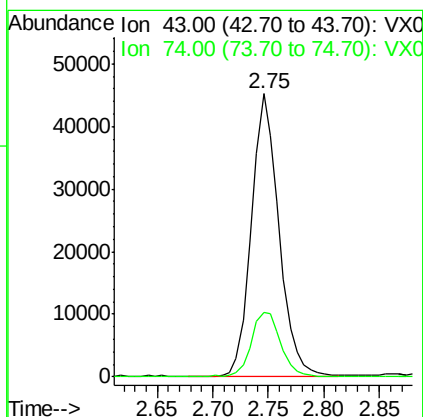
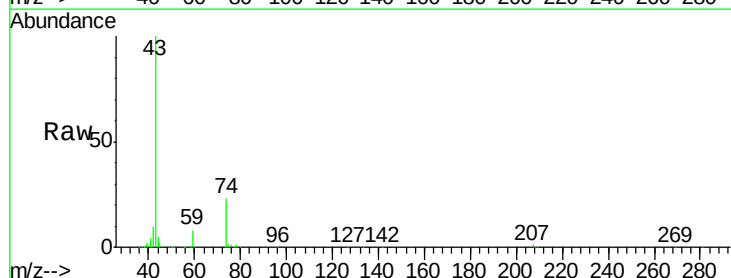
Acq: 06 May 2020 12:19

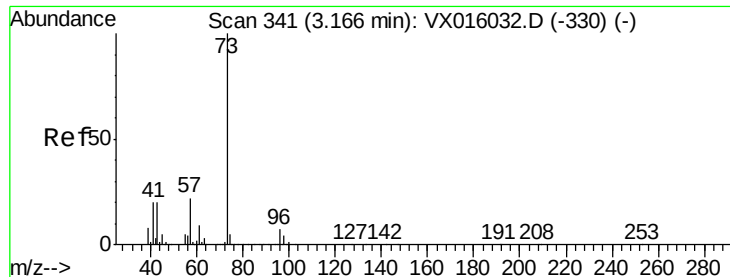
Tgt Ion: 43 Resp: 77548

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2





#19

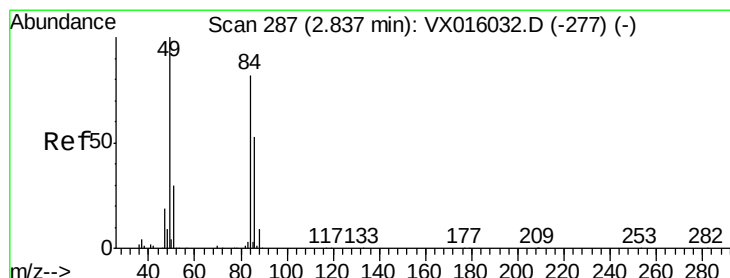
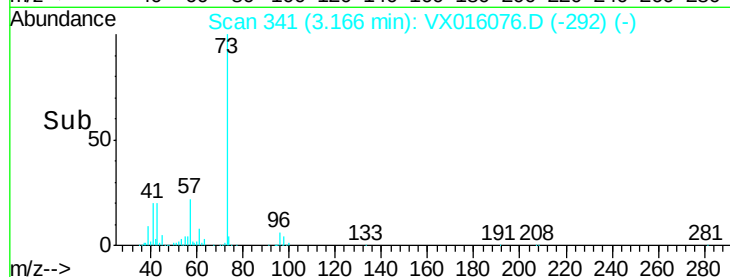
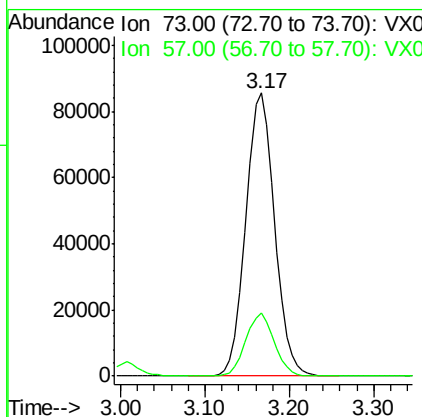
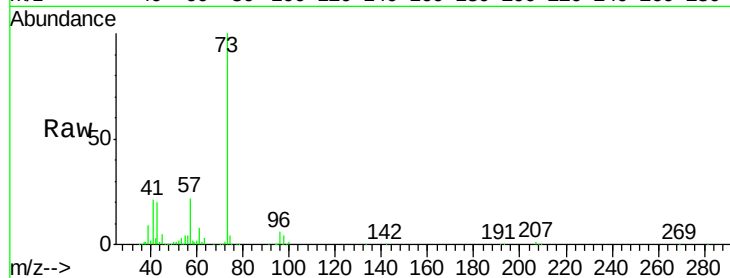
Methyl tert-butyl Ether
 Concen: 18.674 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

Manual Integrations
 APPROVED

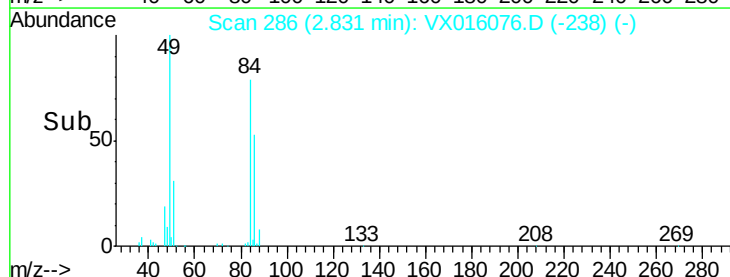
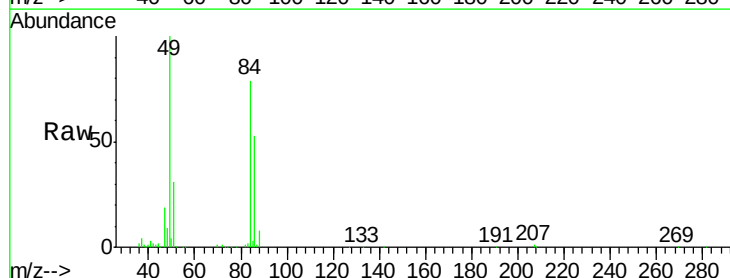
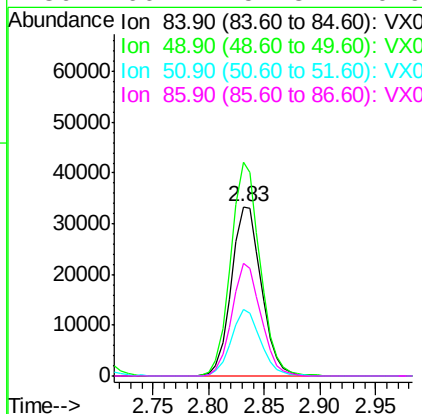
MMDadoda
 5/8/2020 1:27:24 PM

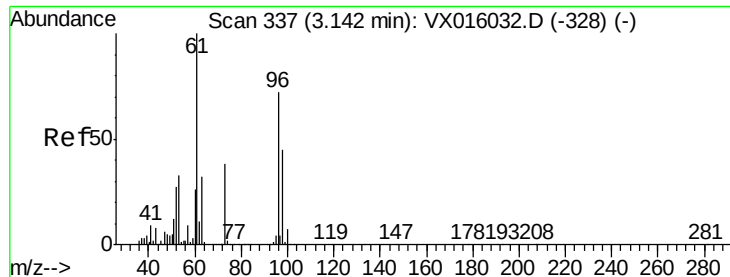


#20

Methylene Chloride
 Concen: 17.500 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	97.3	145.9
51	39.1	29.3	43.9
86	66.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.386 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

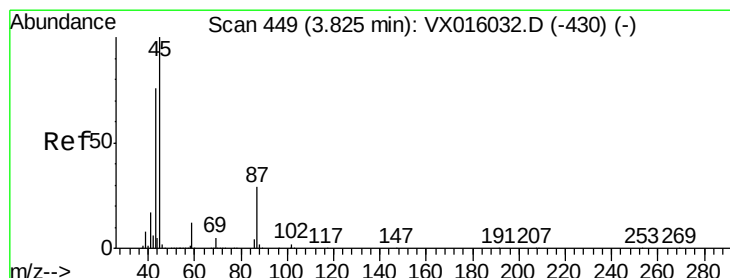
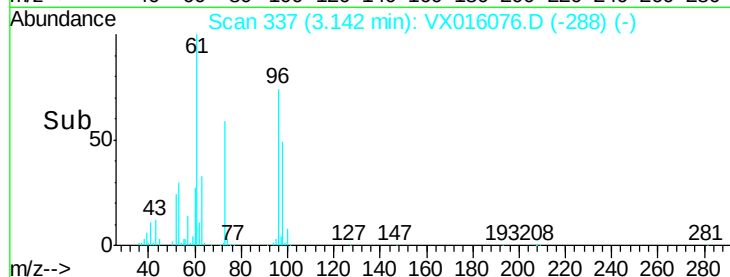
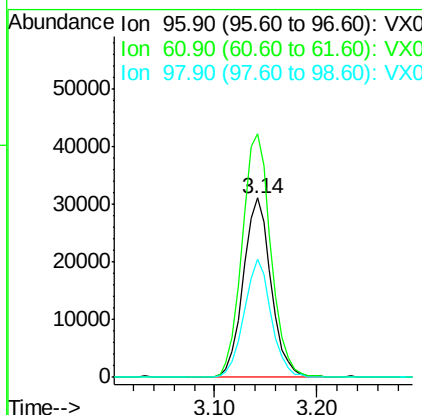
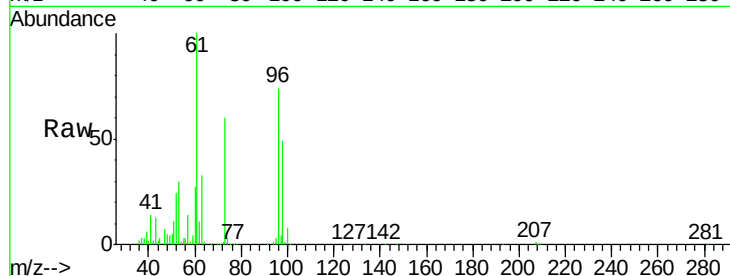
ClientSampleId :

VX0506WBSD01

Tot Ion:	96	Resp:	59223
Ion	Ratio	Lower	Upper
96	100		
61	135.7	111.2	166.8
98	66.0	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.557 ug/l

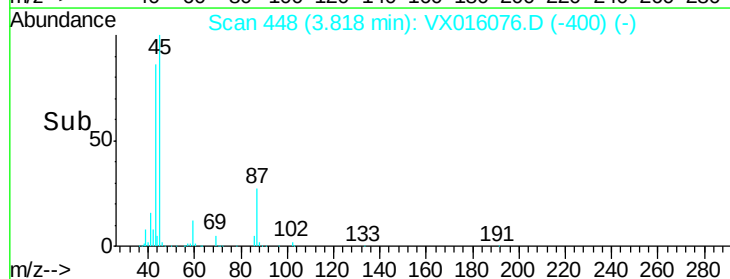
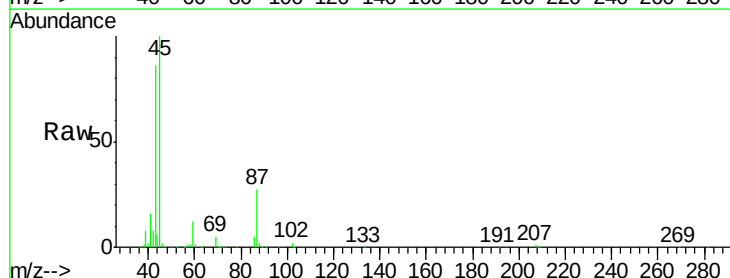
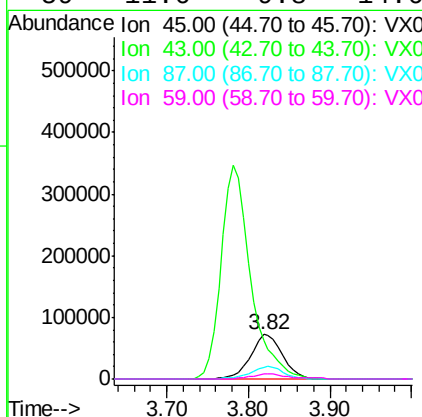
RT: 3.82 min Scan# 448

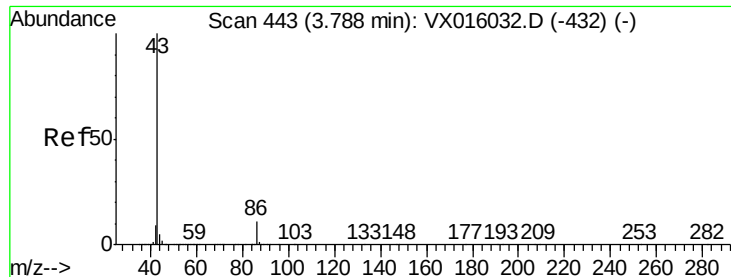
Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	45	Resp:	196213
Ion	Ratio	Lower	Upper
45	100		
43	85.5	61.1	91.7
87	27.2	23.0	34.6
59	11.6	9.8	14.6





#23

Vinyl Acetate

Concen: 93.639 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 43 Resp: 871066

Ion Ratio Lower Upper

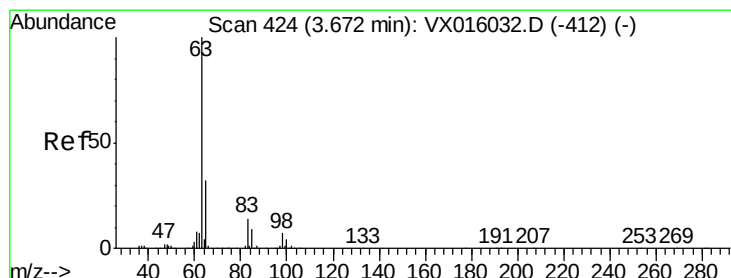
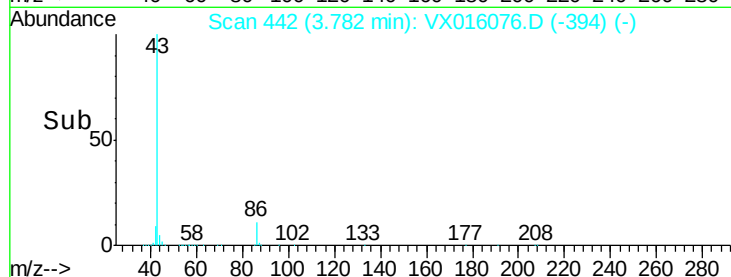
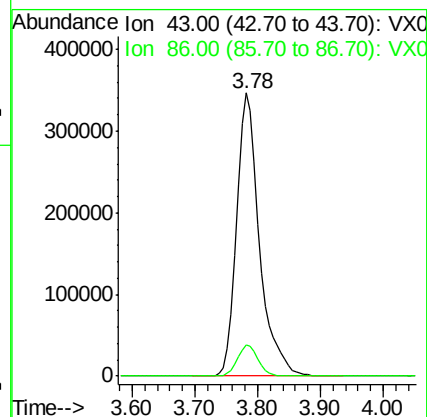
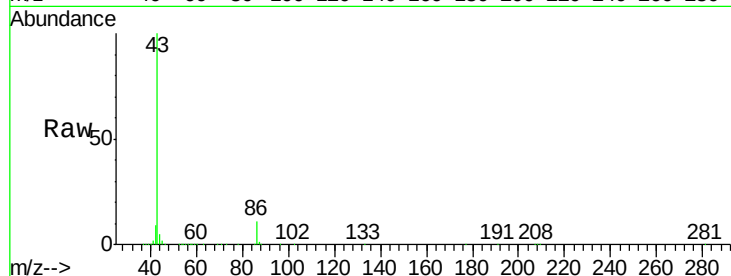
43 100

86 11.1 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 18.247 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

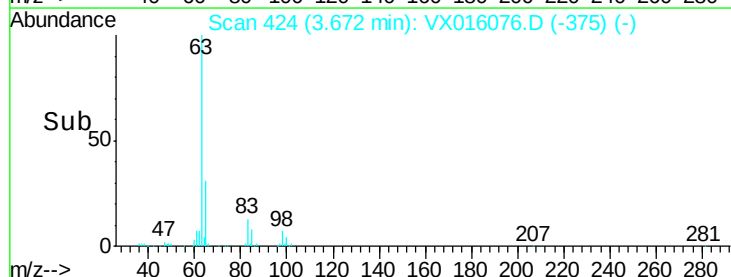
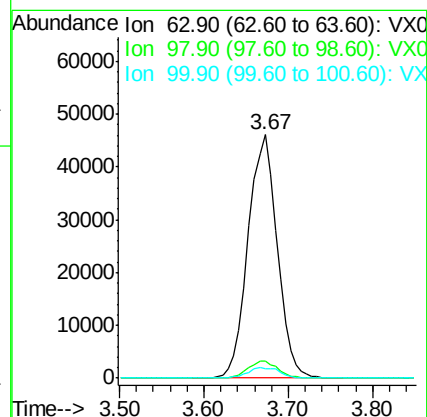
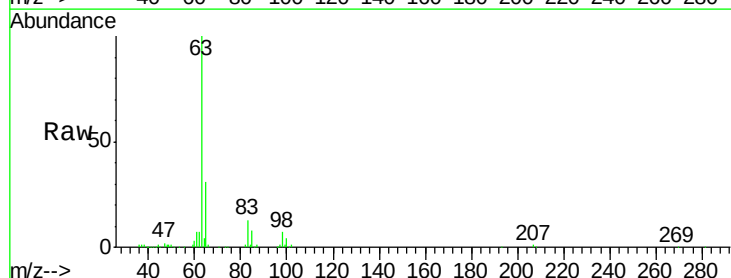
Tgt Ion: 63 Resp: 107925

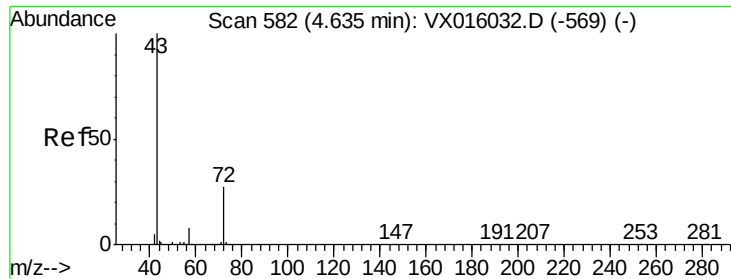
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 91.273 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 43 Resp: 253929

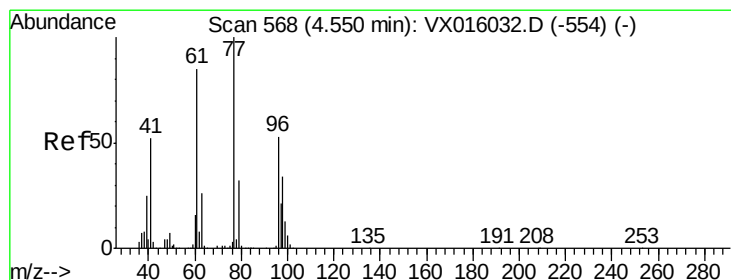
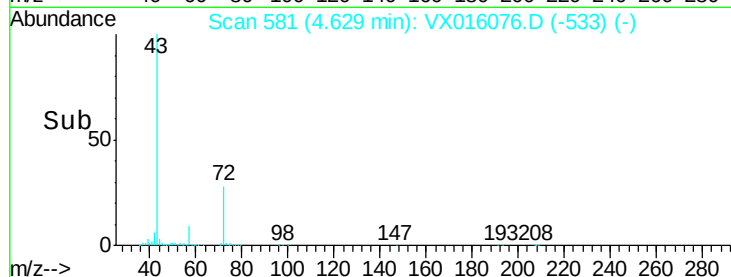
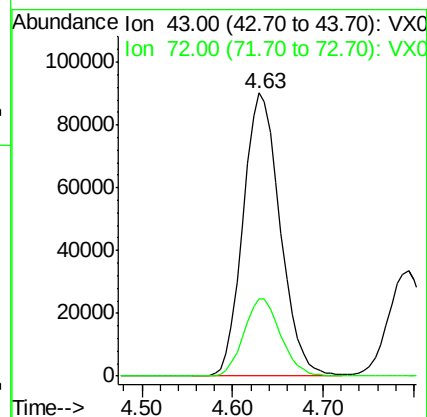
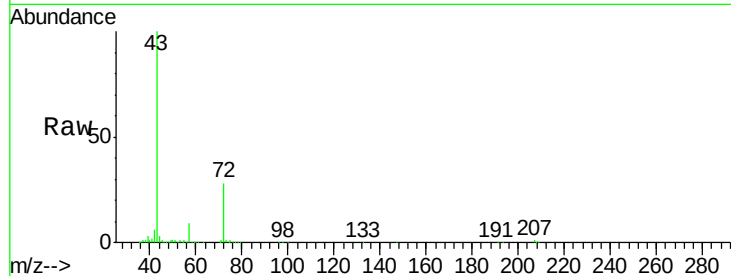
Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 17.921 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016076.D

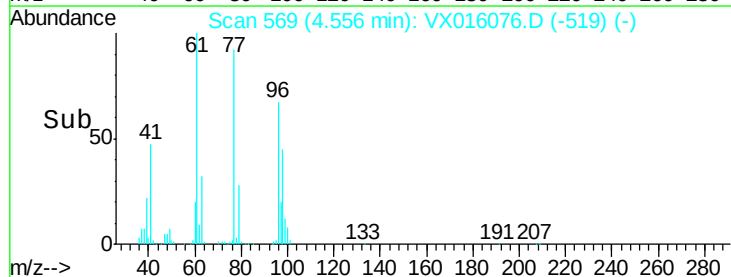
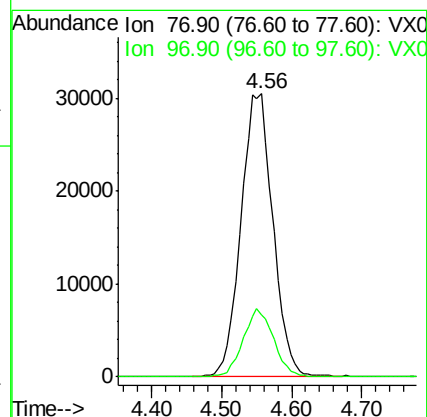
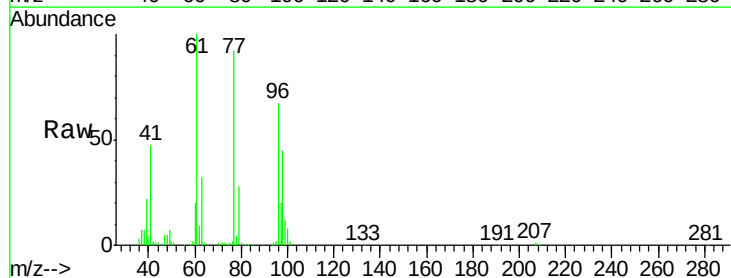
Acq: 06 May 2020 12:19

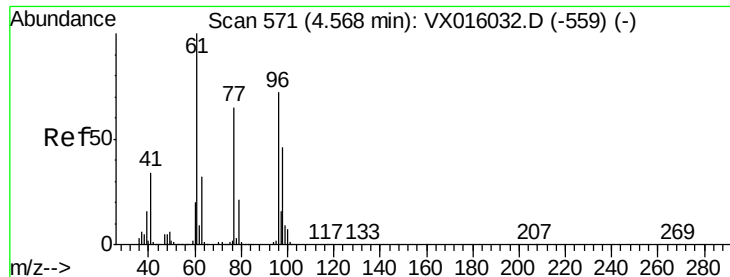
Tgt Ion: 77 Resp: 96801

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

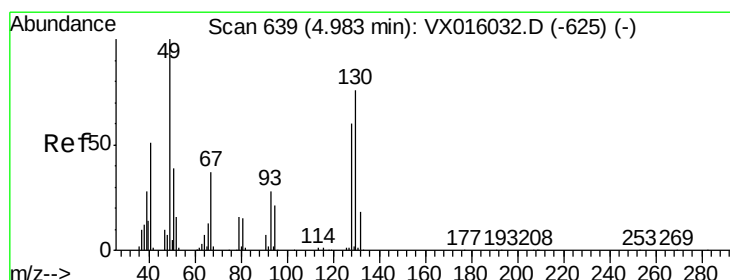
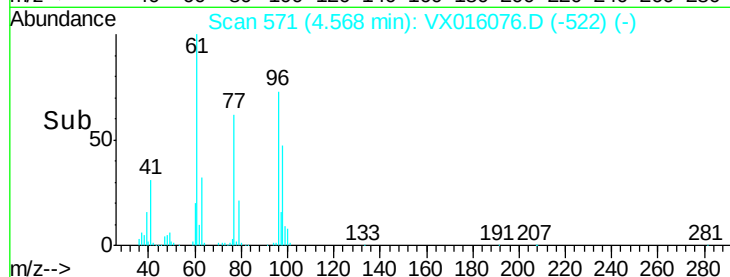
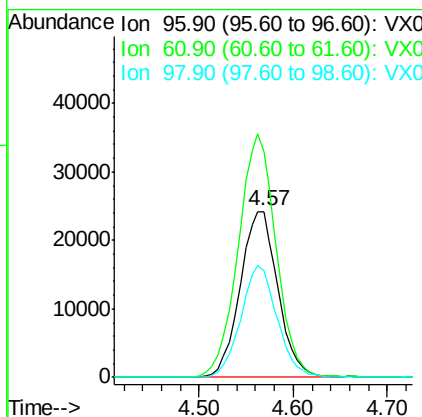
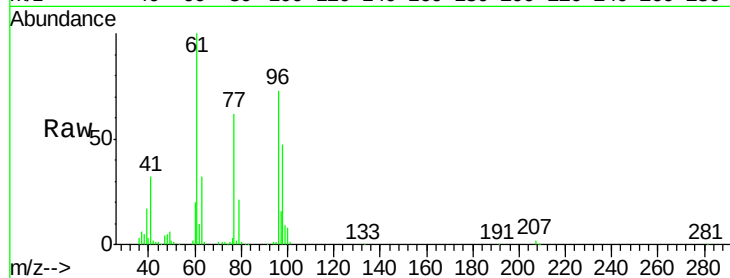
cis-1,2-Dichloroethene
Concen: 18.097 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	296.2
98	65.1	0.0	129.4

Manual Integrations
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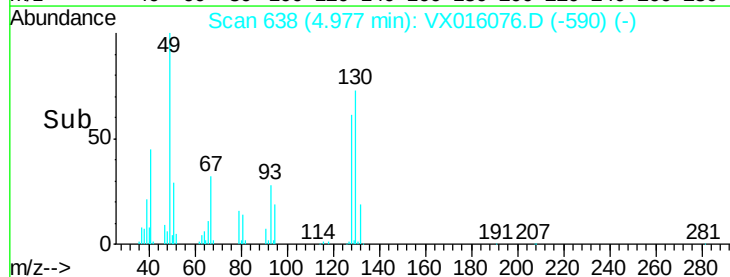
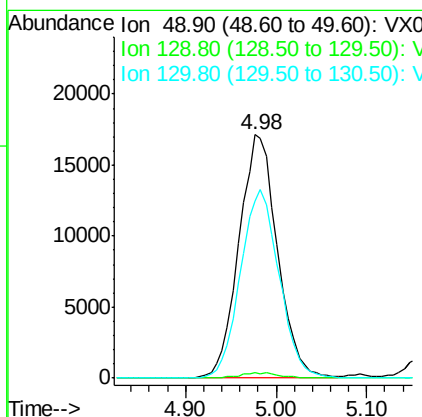
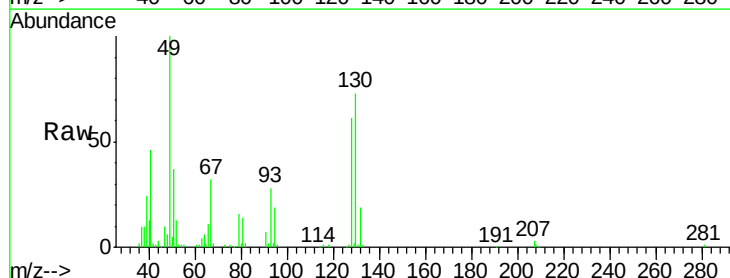
MMDadoda
5/8/2020 1:27:24 PM

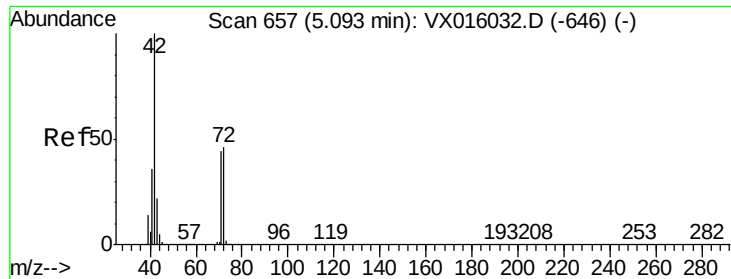


#28

Bromochloromethane
Concen: 18.714 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.8	62.4	93.6





#29

Tetrahydrofuran

Concen: 90.929 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

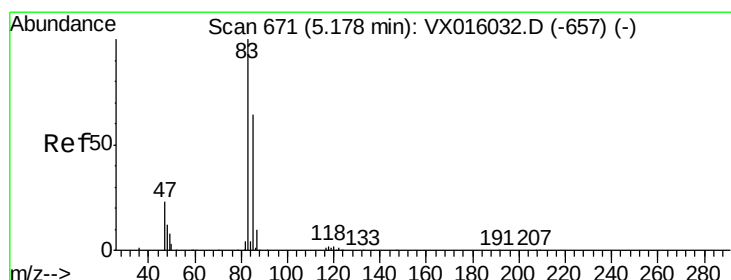
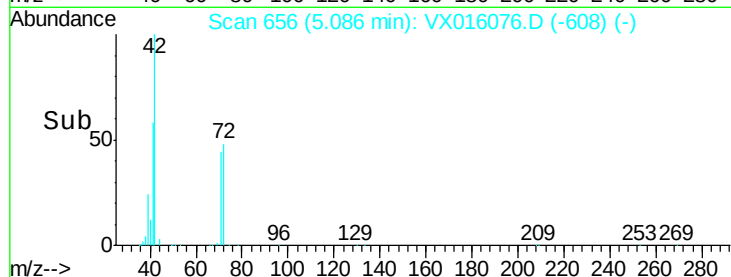
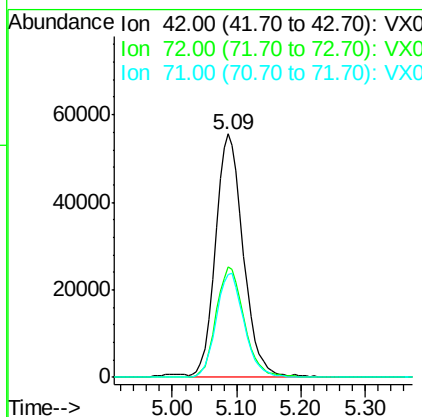
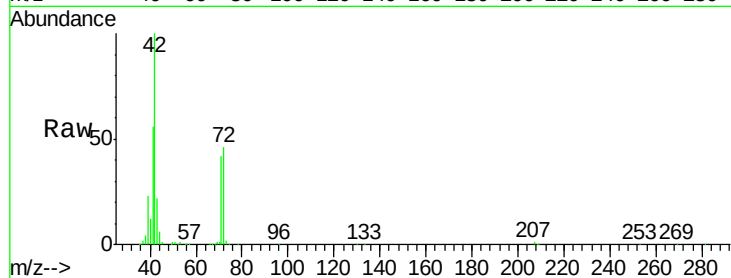
ClientSampleId :

VX0506WBSD01

Tot Ion:	42	Resp:	167620
Ion Ratio		Lower	Upper
42	100		
72	46.3	37.1	55.7
71	43.3	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 18.308 ug/l

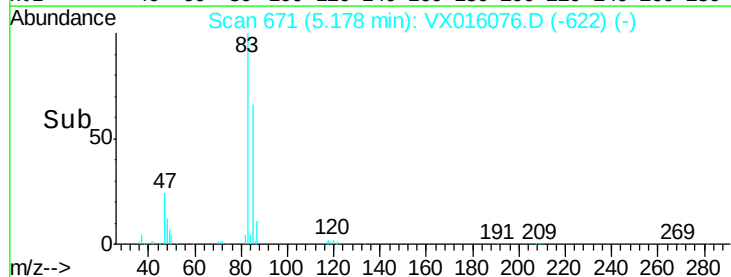
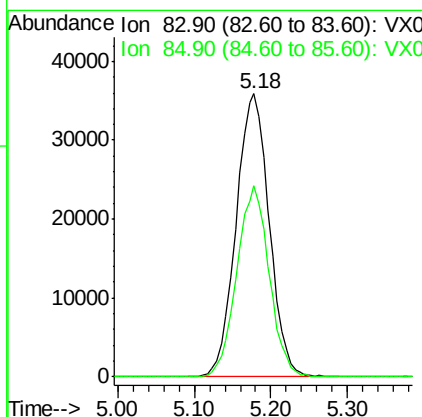
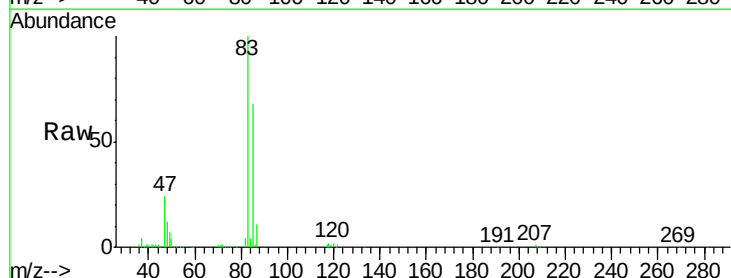
RT: 5.18 min Scan# 671

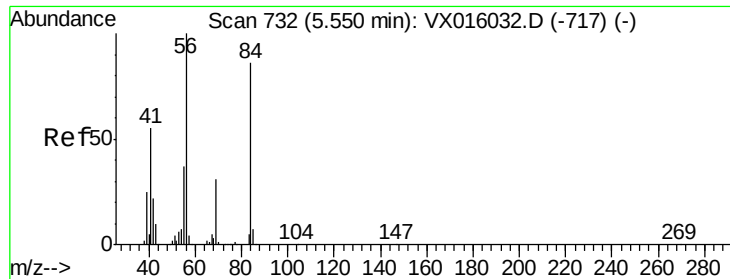
Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	83	Resp:	107817
Ion Ratio		Lower	Upper
83	100		
85	67.5	51.6	77.4





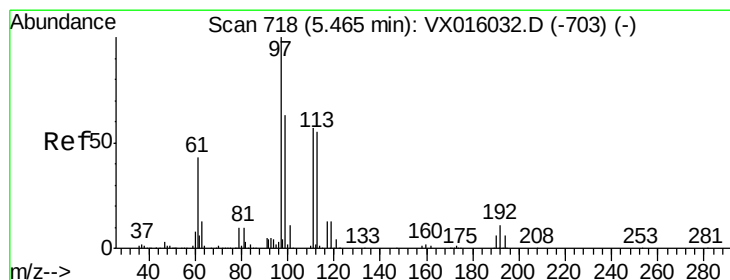
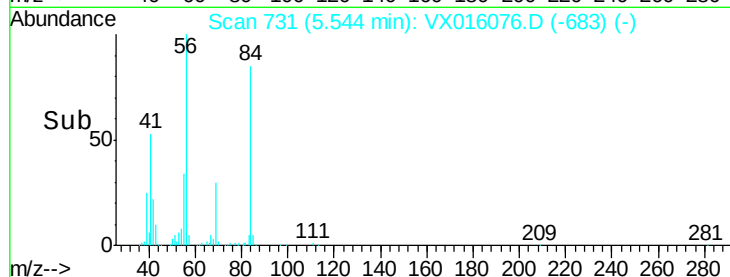
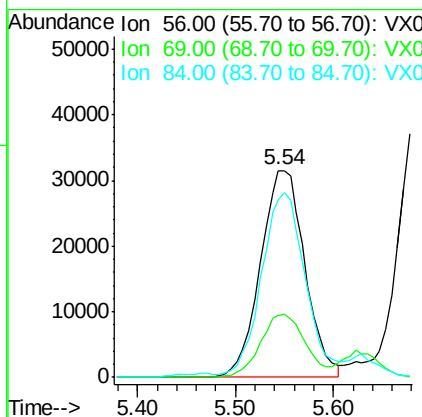
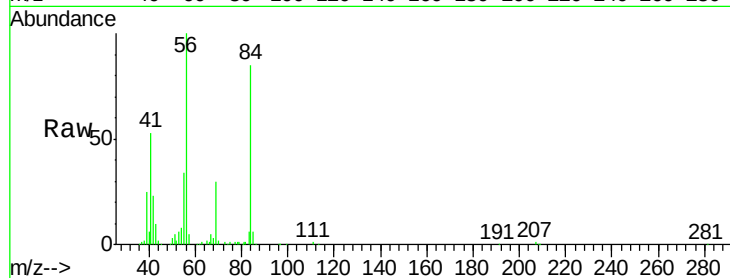
#31
Cvclohexane
Concen: 18.513 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.0	37.6
84	83.6	69.0	103.6

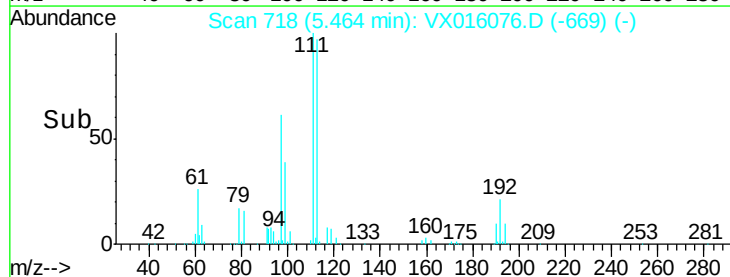
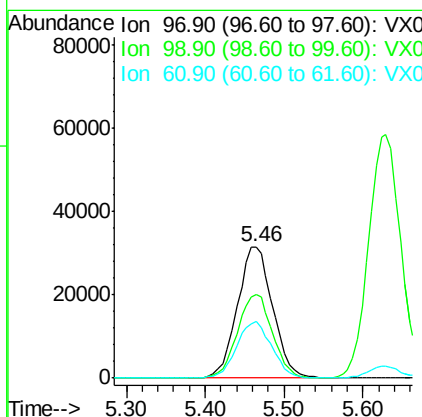
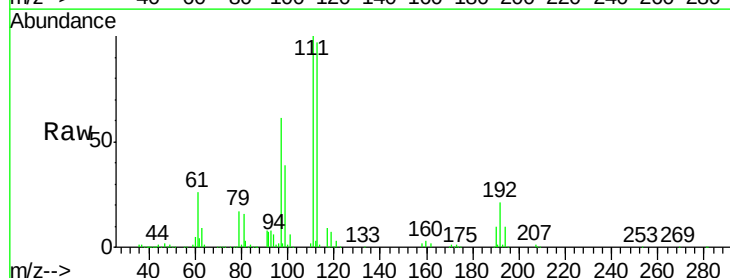
Manual Integrations
APPROVED

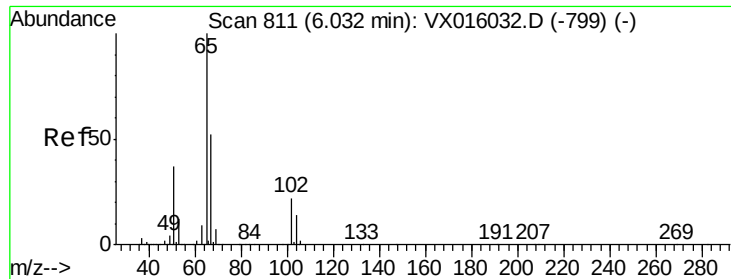
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.274 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	43.1	34.5	51.7





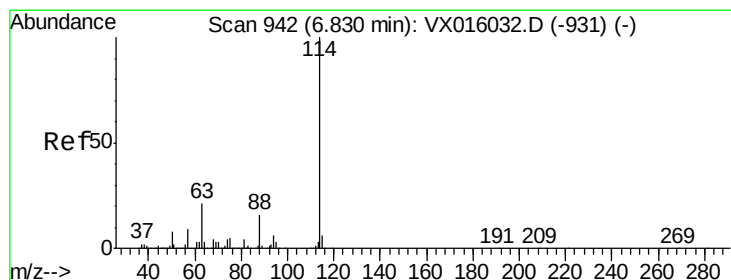
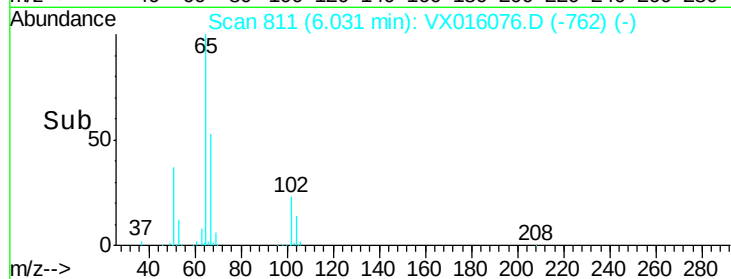
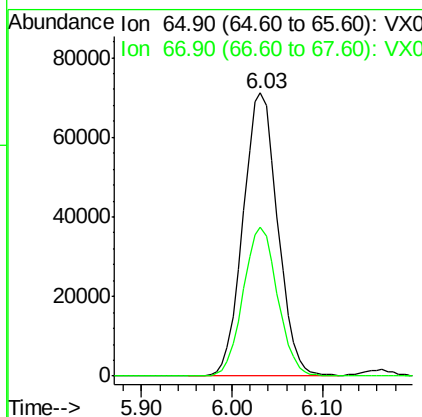
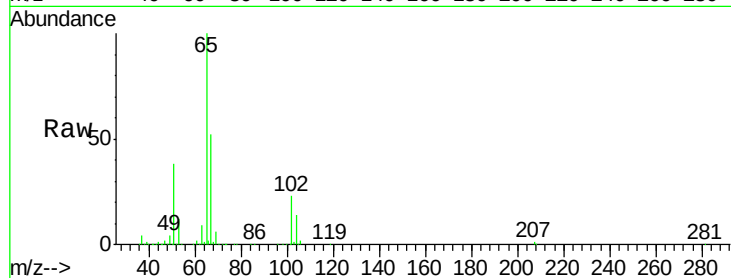
#33
 1,2-Dichloroethane-d4
 Concen: 48.575 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	187959		
67	52.4	0.0	104.8	

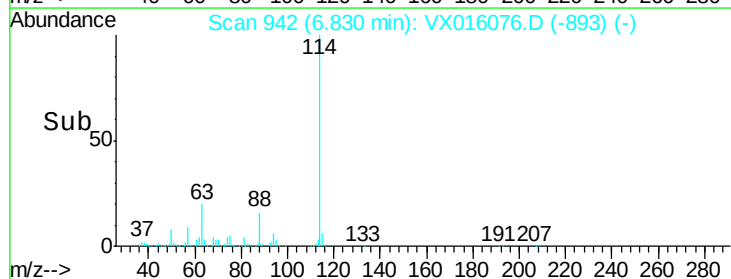
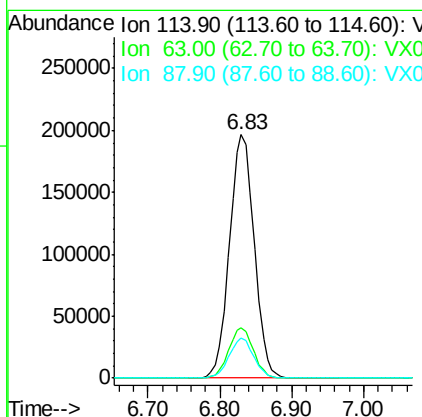
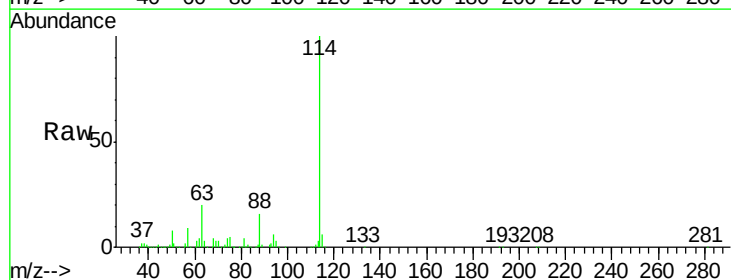
Manual Integrations
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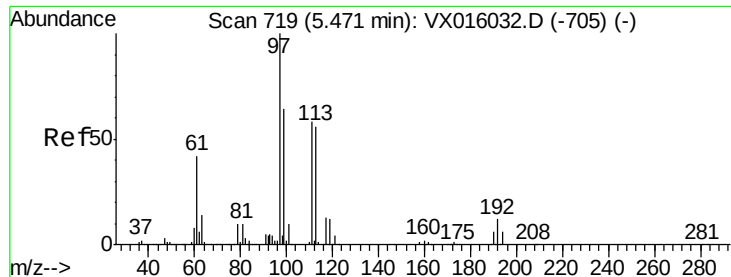
MMDadoda
 5/8/2020 1:27:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	469204		
63	20.5	0.0	42.8	
88	16.2	0.0	31.4	





#35

Dibromofluoromethane

Concen: 47.930 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

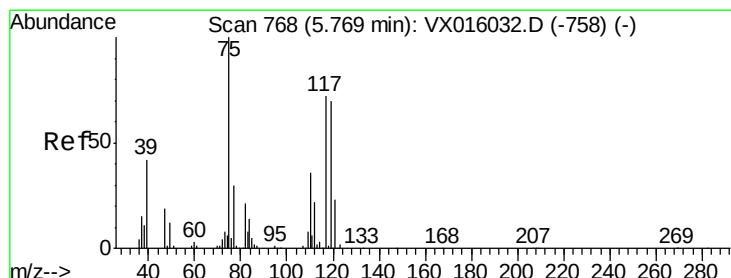
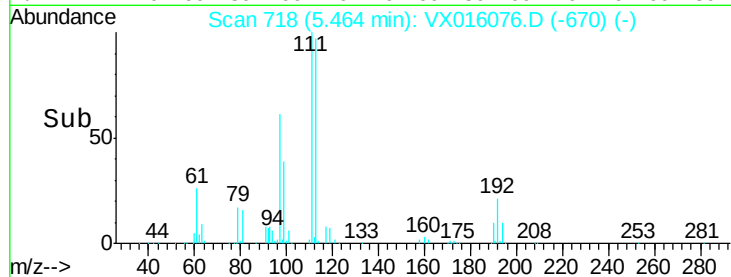
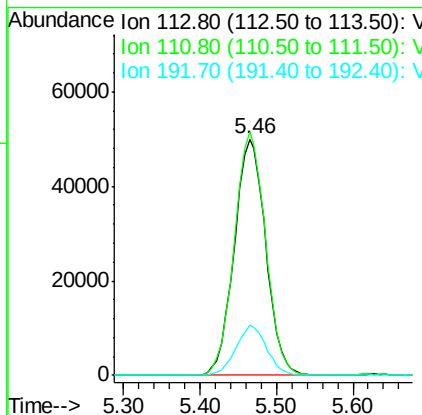
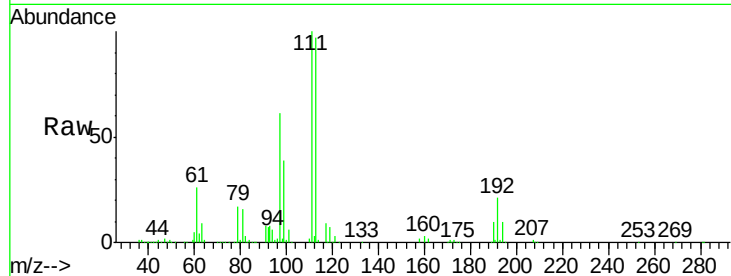
ClientSampleId :

VX0506WBSD01

Tot Ion:	113	Resp:	142478
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.6	122.4
192	20.7	17.0	25.4

Manual Integrations
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5/8/2020 1:27:24 PM



#36

1,1-Dichloropropene

Concen: 17.699 ug/l

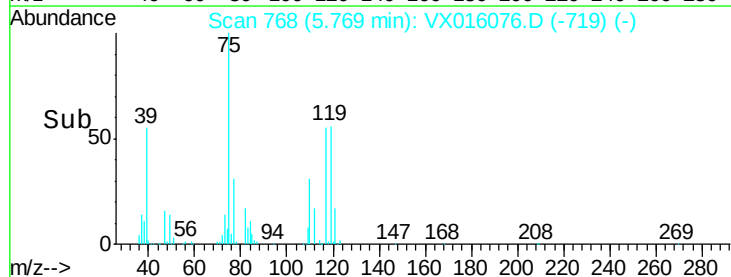
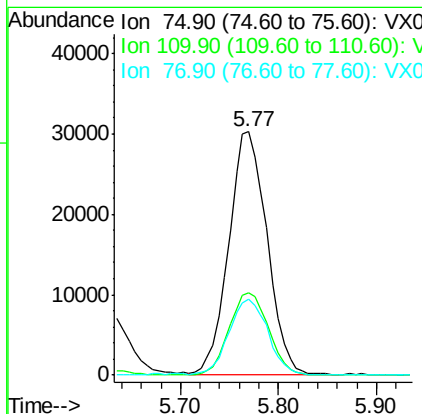
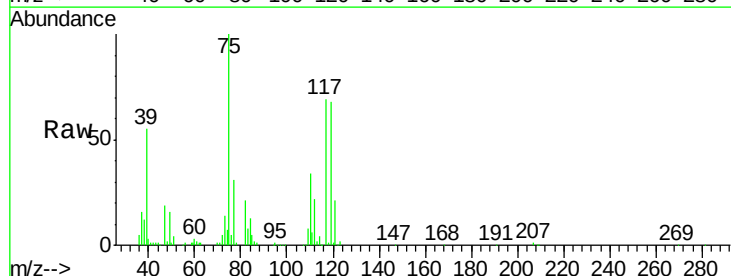
RT: 5.77 min Scan# 768

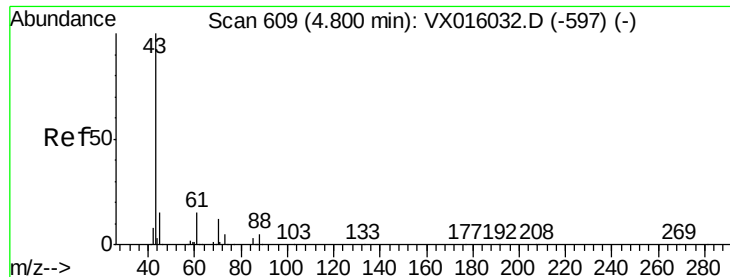
Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	75	Resp:	81747
Ion Ratio	Lower	Upper	
75	100		
110	35.1	18.1	54.1
77	32.0	25.0	37.6





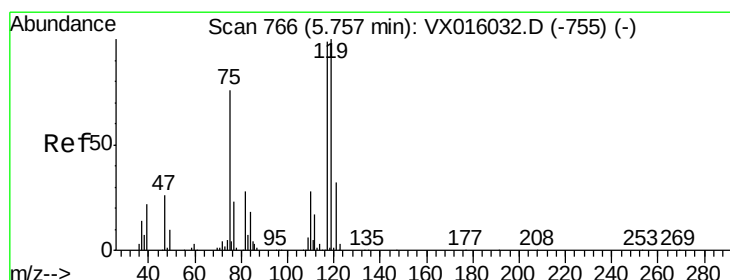
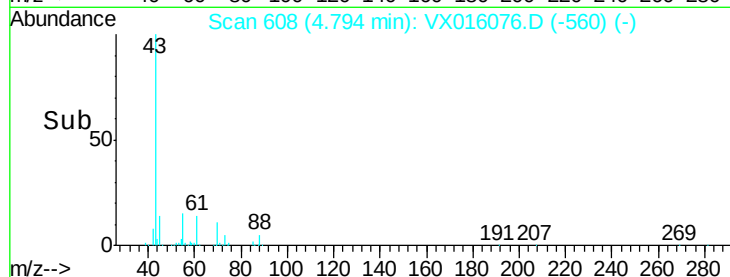
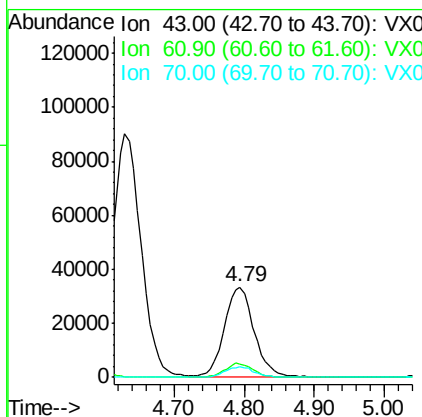
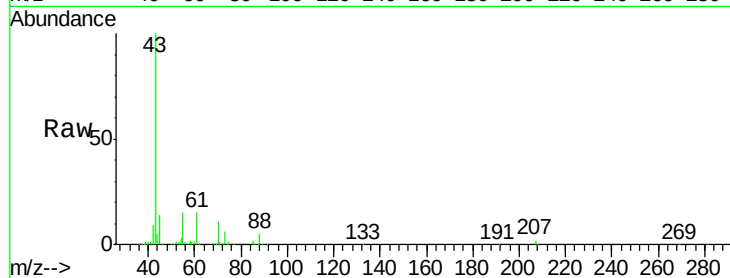
#37
Ethyl Acetate
Concen: 18.290 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion:	43	Resp:	97907
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	11.6	9.3	13.9

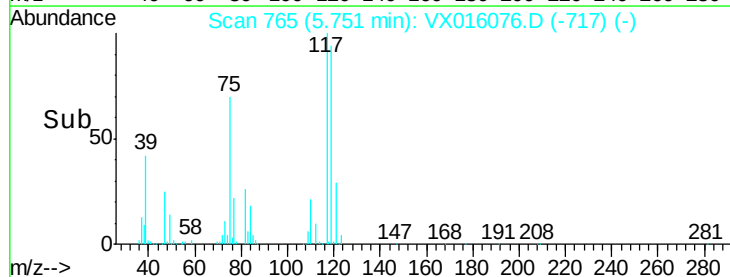
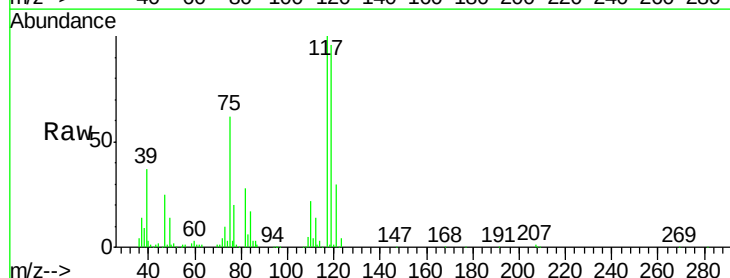
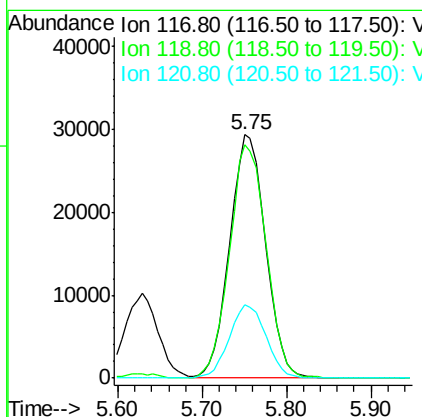
Manual Integrations
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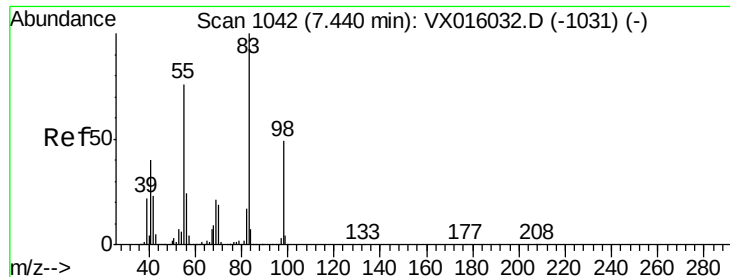
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#38
Carbon Tetrachloride
Concen: 18.111 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion:	117	Resp:	85023
Ion	Ratio	Lower	Upper
117	100		
119	95.6	80.3	120.5
121	30.0	25.7	38.5





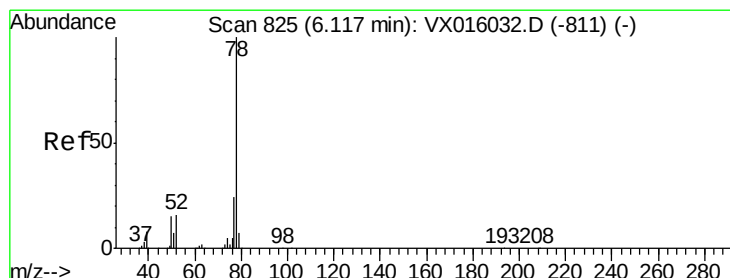
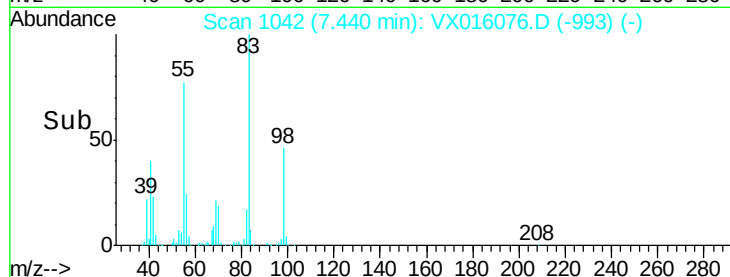
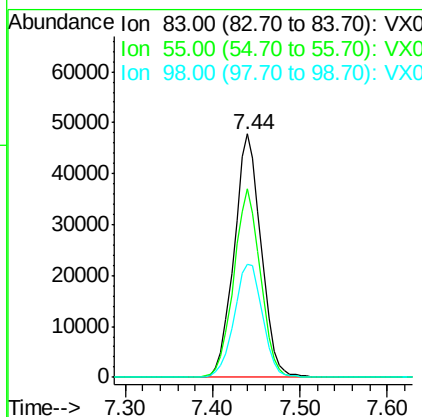
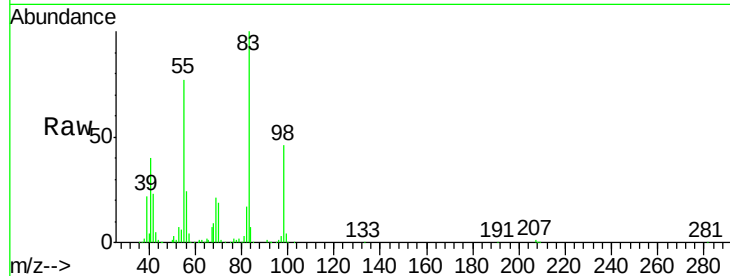
#39
Methylvlcyclohexane
Concen: 18.440 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.1	91.7
98	46.3	39.0	58.4

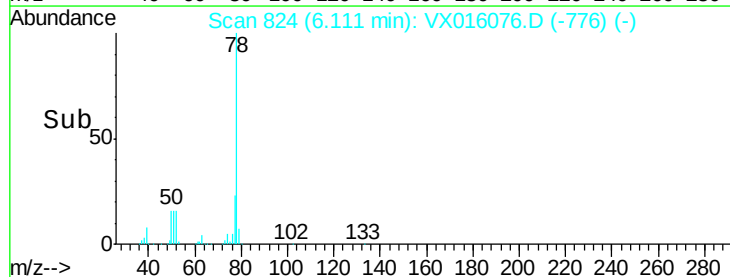
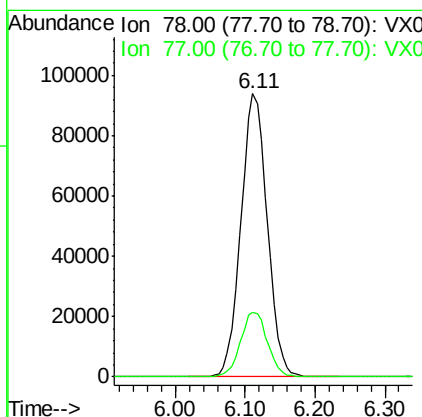
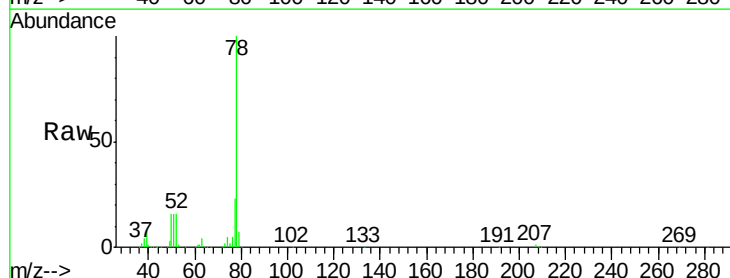
Manual Integrations
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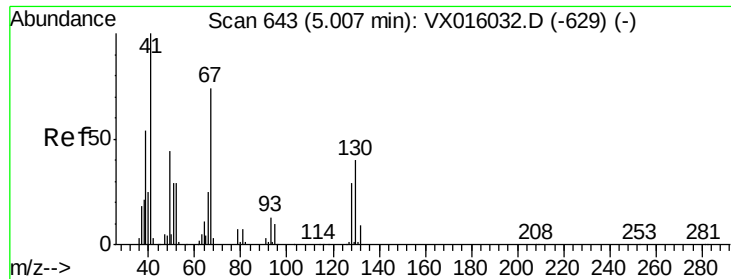
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#40
Benzene
Concen: 18.212 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





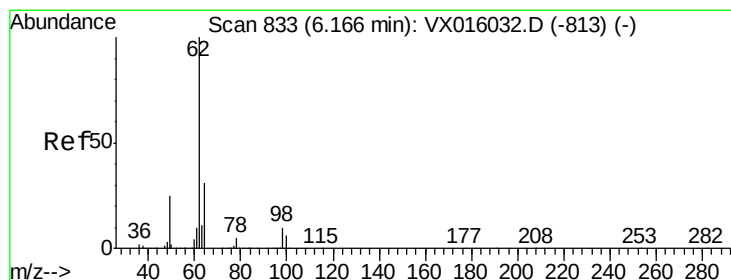
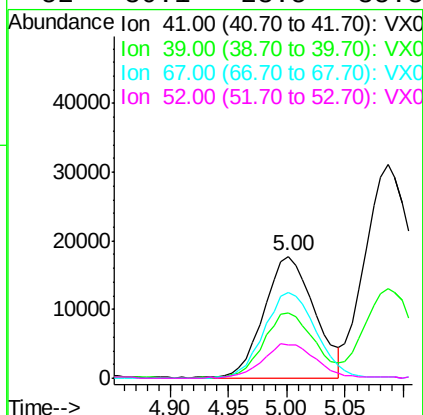
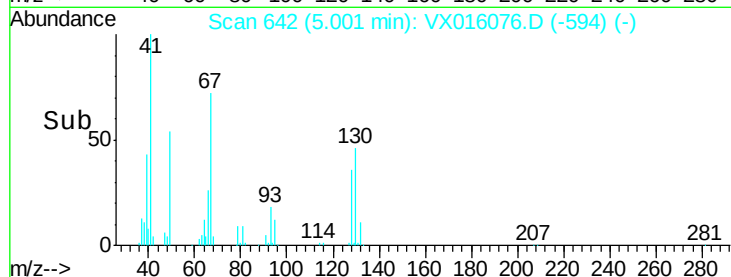
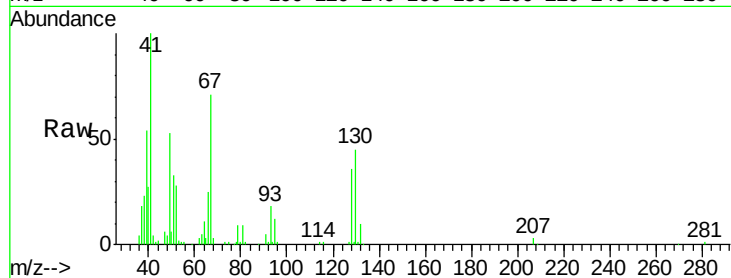
#41
Methacrylonitrile
Concen: 18.356 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion:	41	Resp:	53066
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.2	64.8
67	73.5	59.3	88.9
52	30.1	23.5	35.3

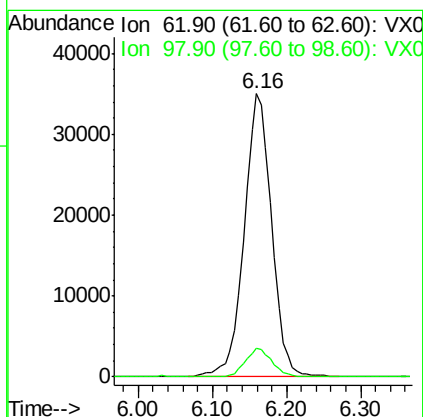
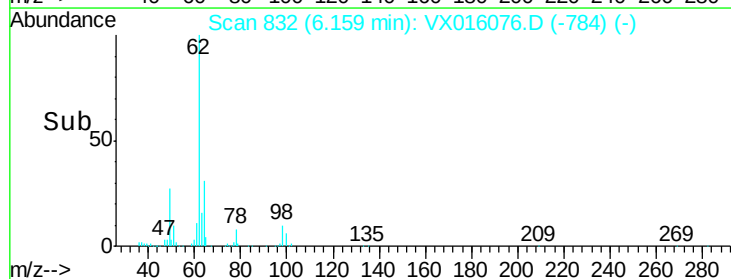
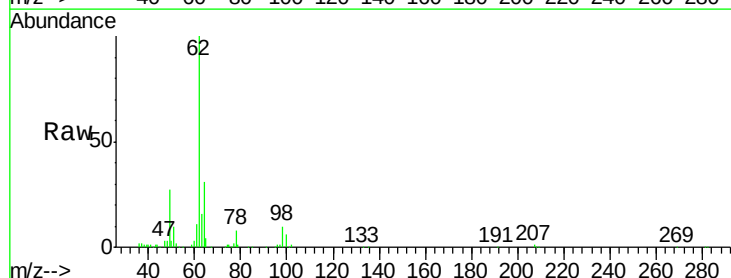
Manual Integrations
APPROVED

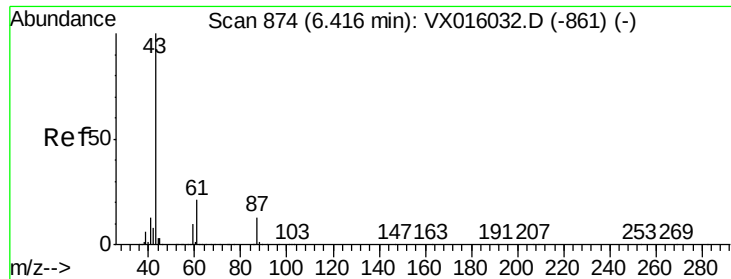
MMDadoda
5/8/2020 1:27:24 PM



#42
1,2-Dichloroethane
Concen: 18.564 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion:	62	Resp:	90373
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

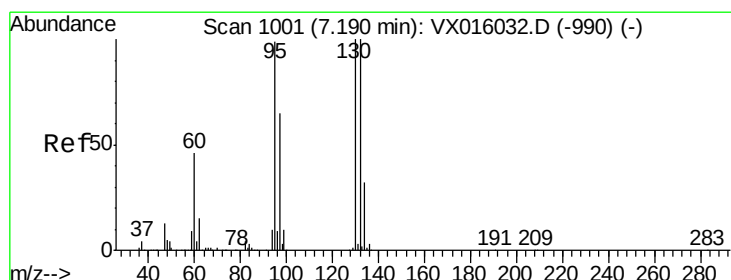
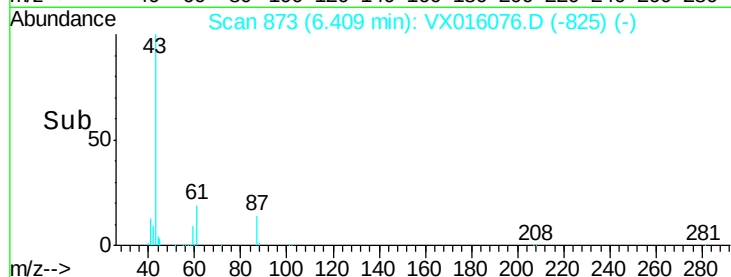
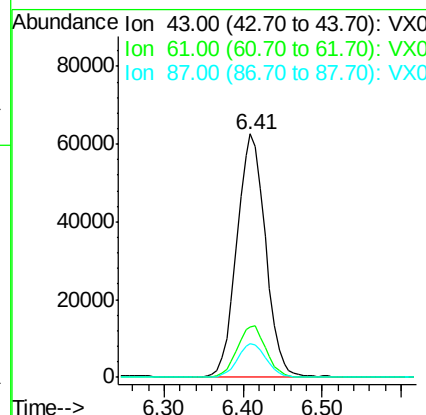
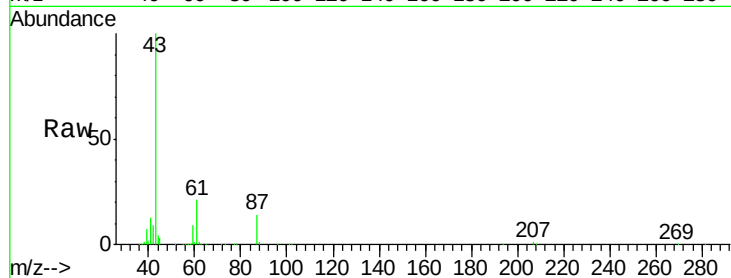
Isopropyl Acetate
 Concen: 18.424 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	157359		
61	21.4		17.0	25.4
87	14.0		11.0	16.6

Manual Integrations
 APPROVED

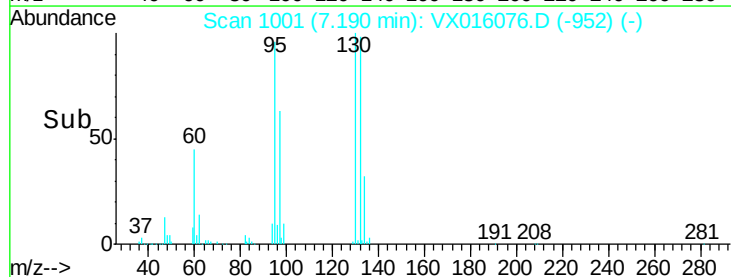
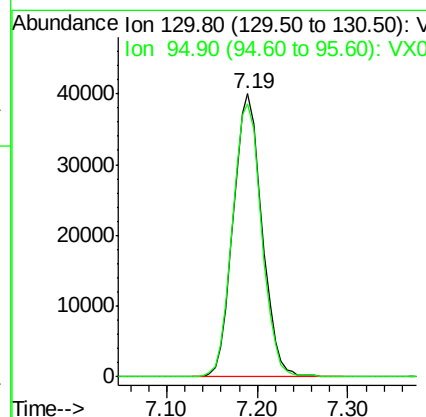
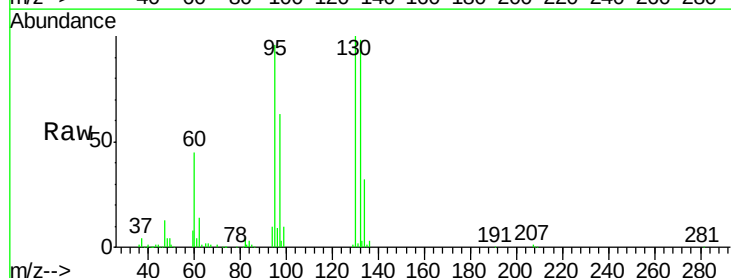
MMDadoda
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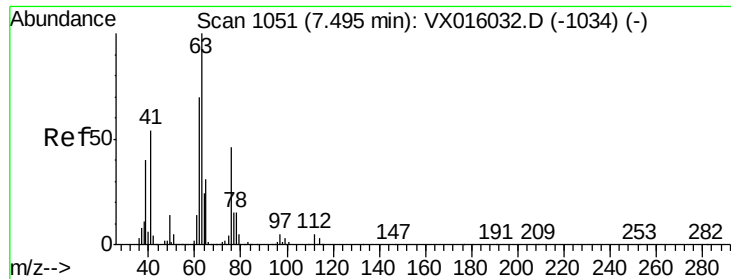


#44

Trichloroethene
 Concen: 18.337 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	88037		
95	96.4		0.0	197.4





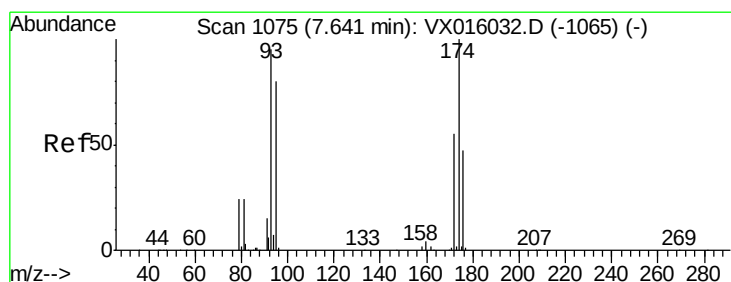
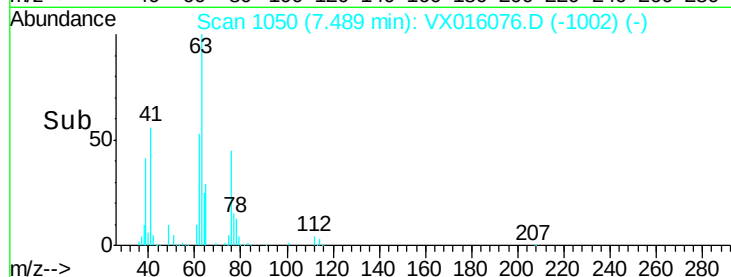
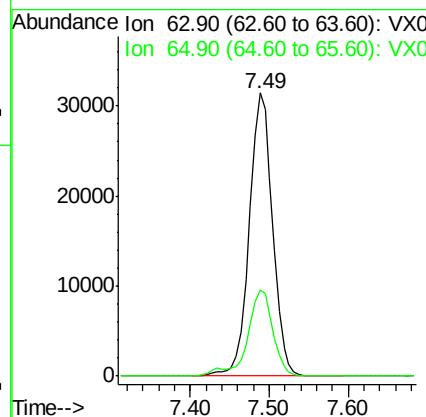
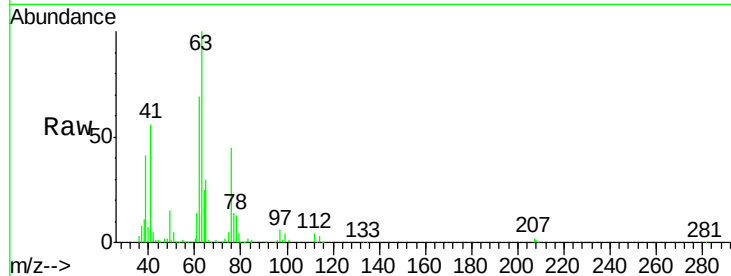
#45
 1,2-Dichloropropane
 Concen: 18.842 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.4	36.6

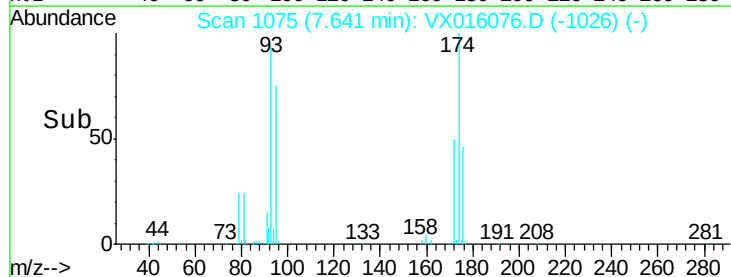
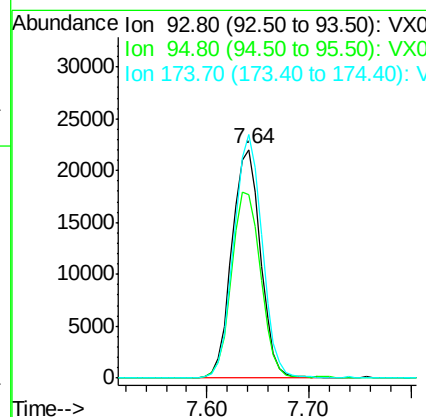
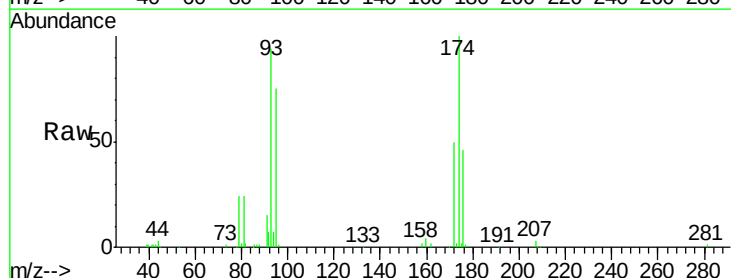
Manual Integrations
 APPROVED

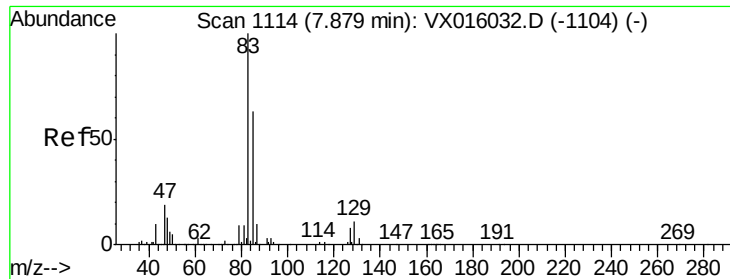
MMDadoda
 5/8/2020 1:27:24 PM



#46
 Dibromomethane
 Concen: 18.456 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.6	100.0
174	105.1	84.2	126.4





#47

Bromodichloromethane

Concen: 18.648 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

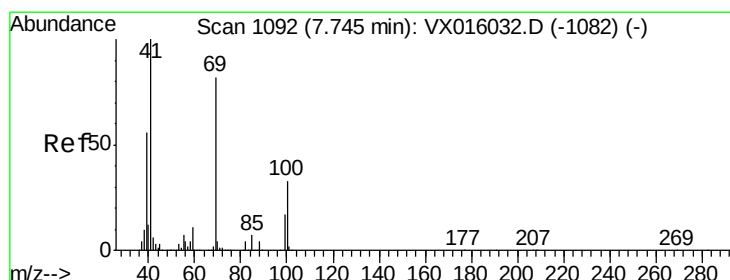
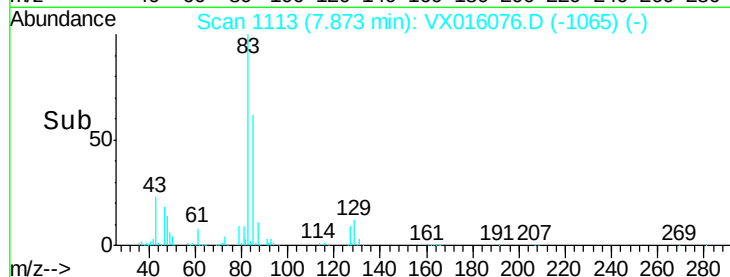
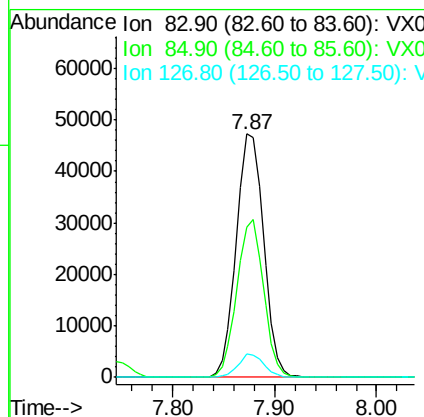
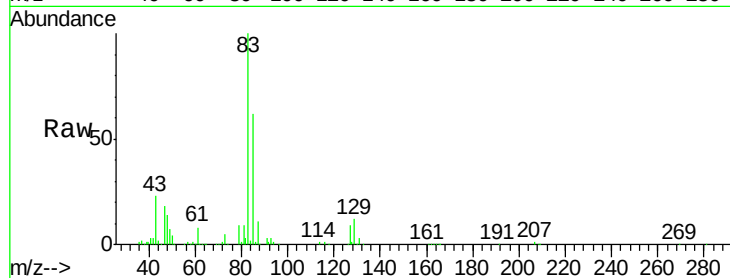
ClientSampleId :

VX0506WBSD01

Tot Ion:	83	Resp:	88257
Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.5	75.7
127	9.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.923 ug/l

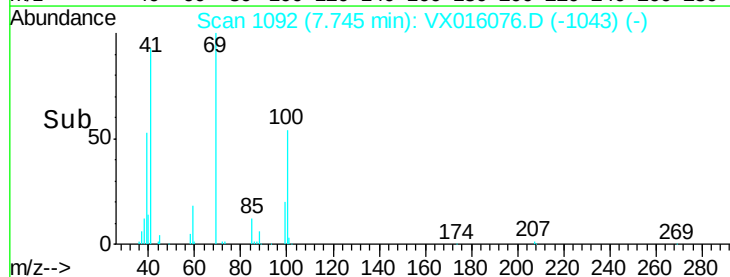
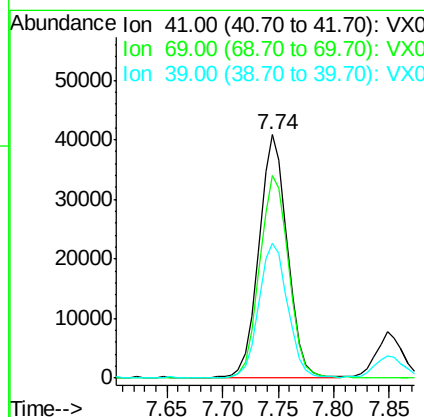
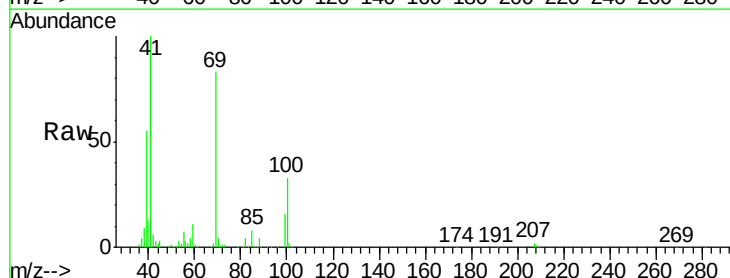
RT: 7.74 min Scan# 1092

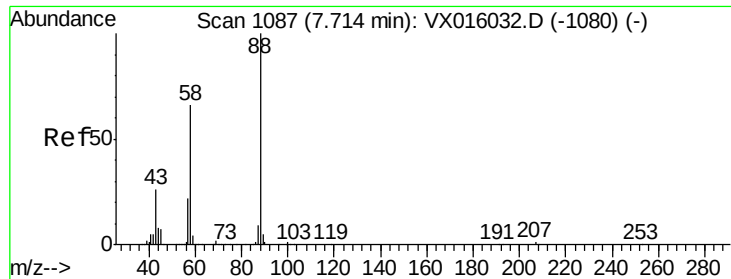
Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	41	Resp:	72536
Ion	Ratio	Lower	Upper
41	100		
69	85.7	67.8	101.6
39	56.0	44.6	67.0





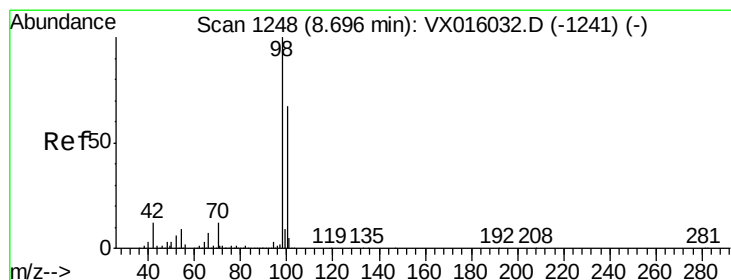
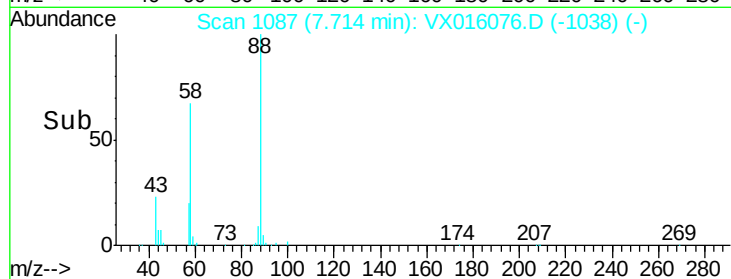
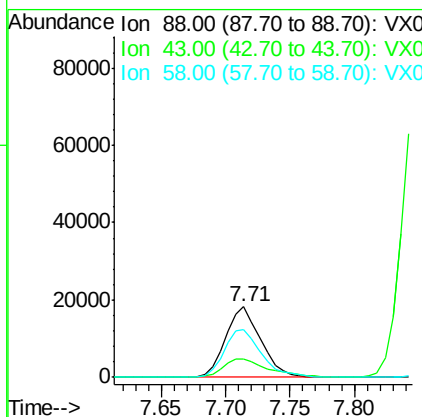
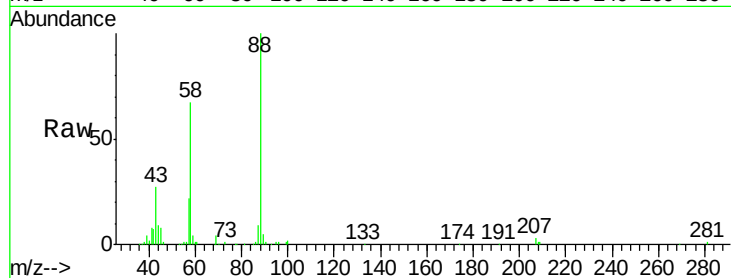
#49
1,4-Dioxane
Concen: 360.232 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.3	37.9
58	71.2	55.9	83.9

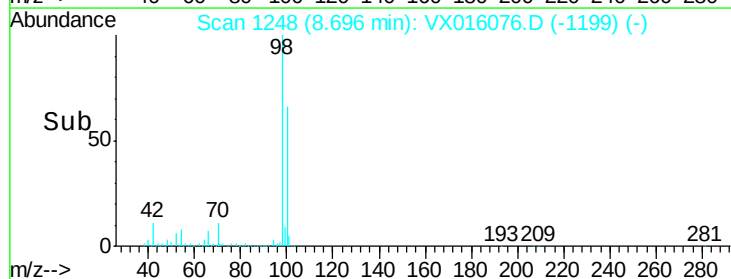
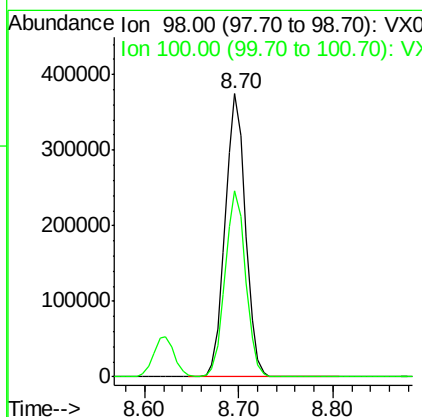
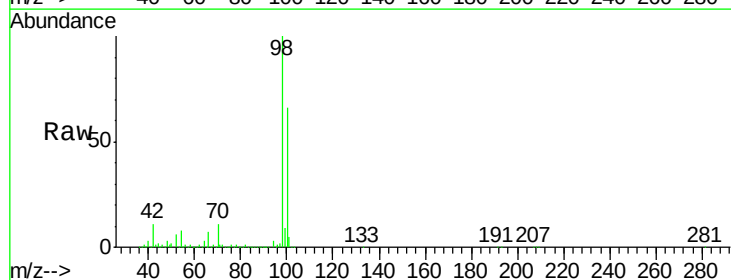
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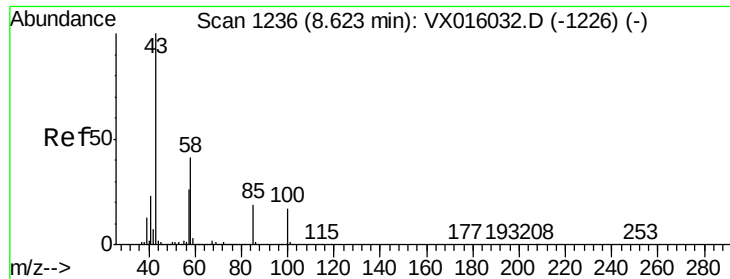
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#50
Toluene-d8
Concen: 48.992 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.7	80.5





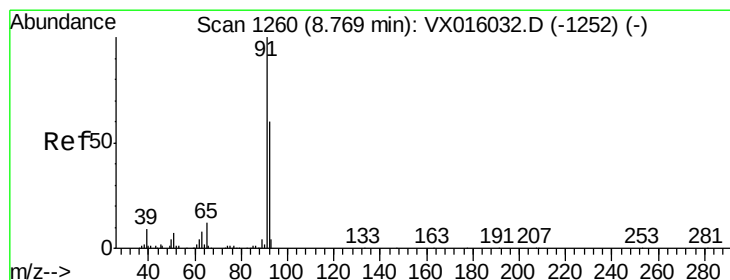
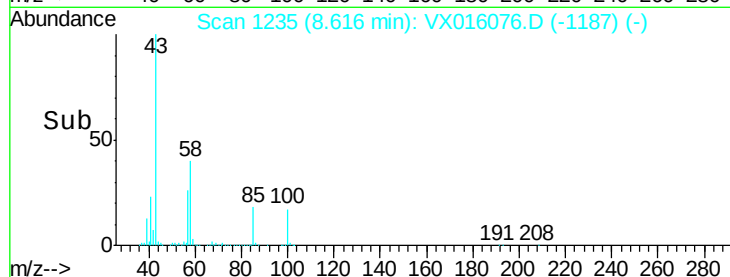
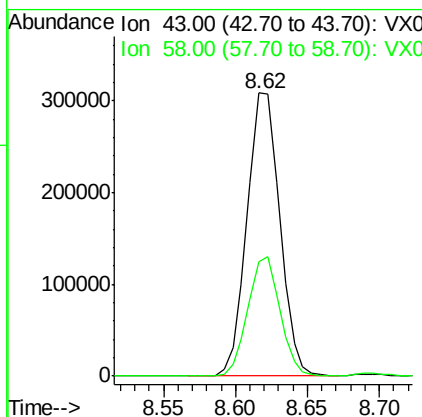
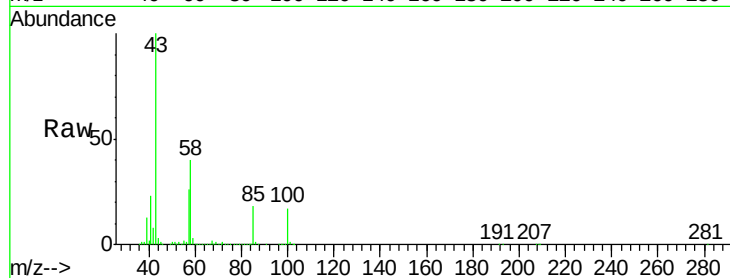
#51
4-Methyl-2-Pentanone
Concen: 93.122 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.1	33.0	49.4

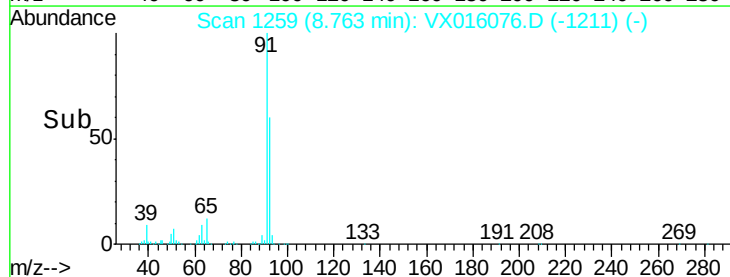
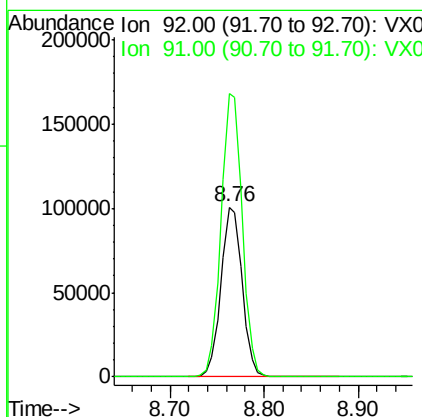
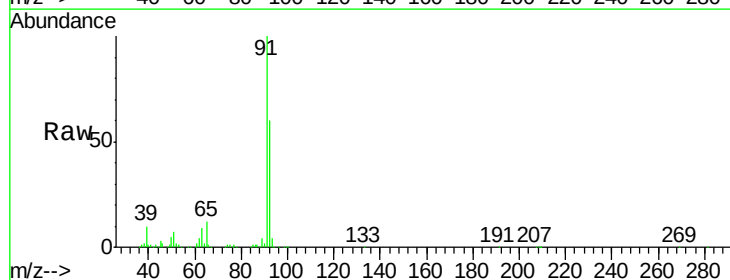
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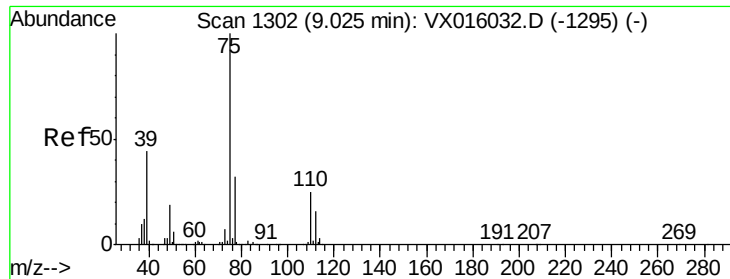
MMDadoda
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#52
Toluene
Concen: 18.589 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.4	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 18.277 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 75 Resp: 103134

Ion Ratio Lower Upper

75 100

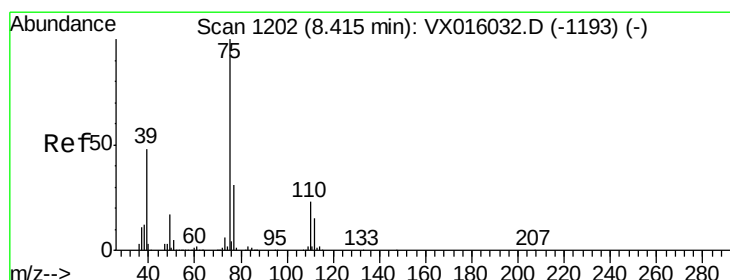
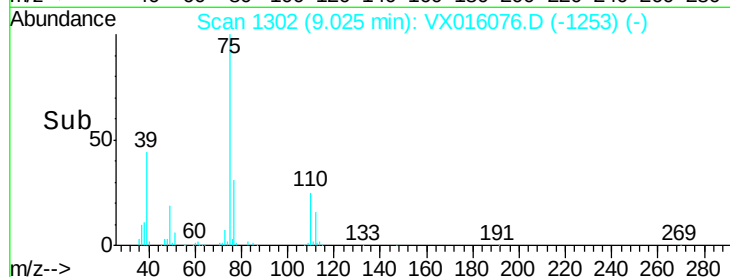
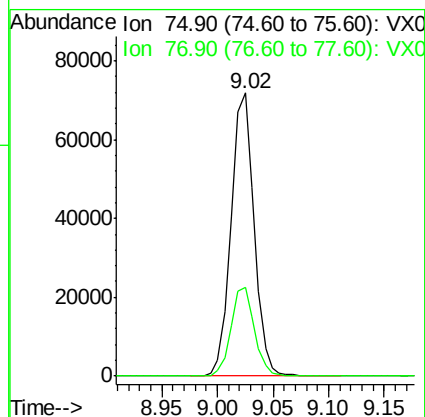
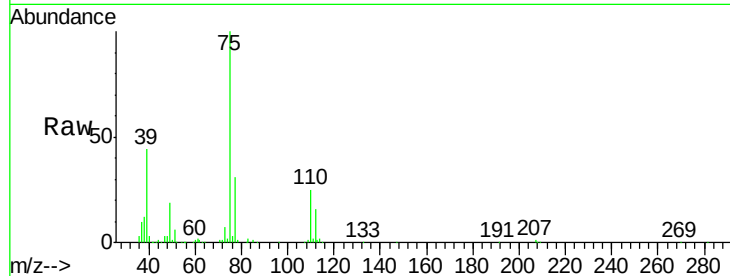
77 31.5 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.287 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

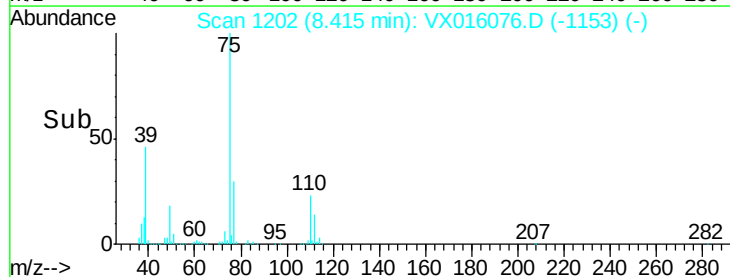
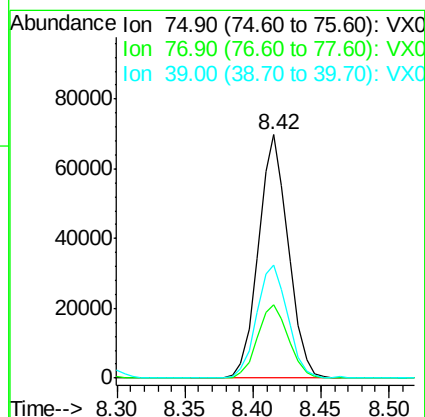
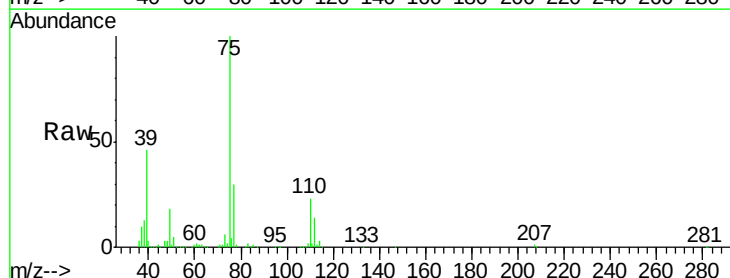
Tgt Ion: 75 Resp: 107787

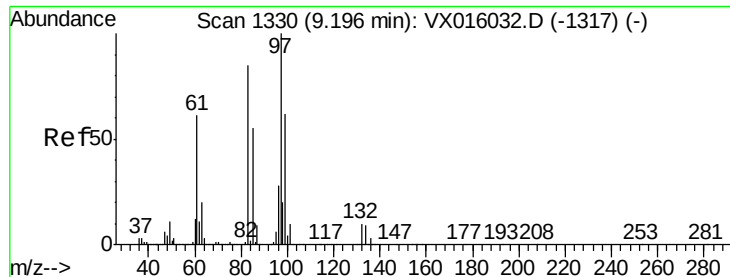
Ion Ratio Lower Upper

75 100

77 30.4 24.7 37.1

39 46.0 38.7 58.1





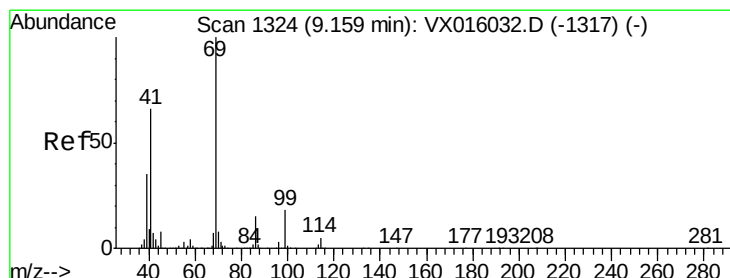
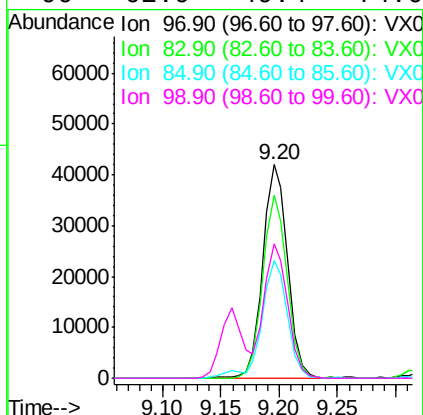
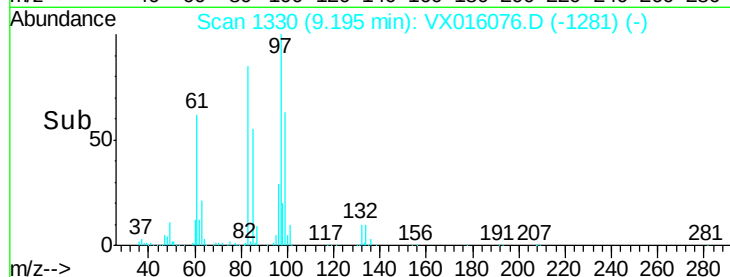
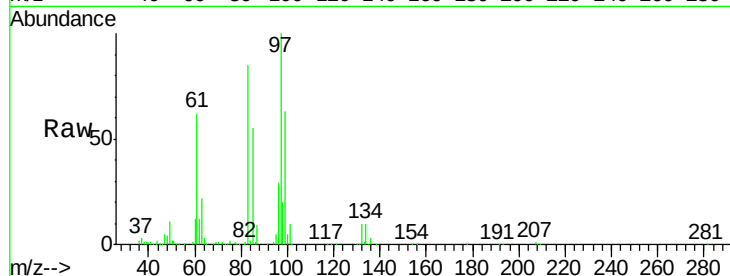
#55
 1,1,2-Trichloroethane
 Concen: 18.849 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Tot Ion:	97	Resp:	62467
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	55.4	43.8	65.8
99	62.9	49.4	74.0

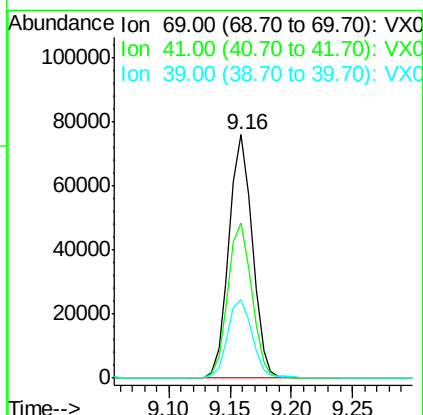
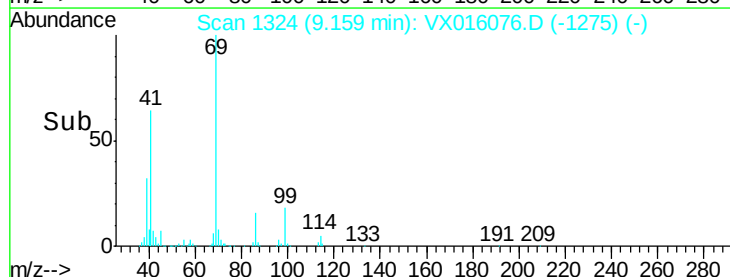
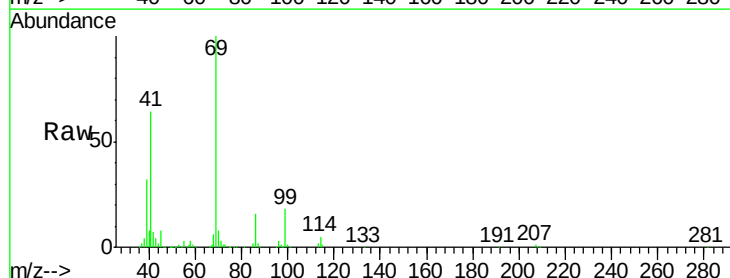
Manual Integrations
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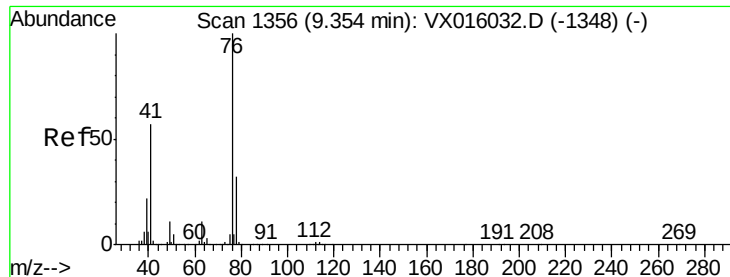
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#56
 Ethyl methacrylate
 Concen: 18.631 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion:	69	Resp:	100789
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.4
39	34.0	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.777 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 76 Resp: 108581

Ion Ratio Lower Upper

76 100

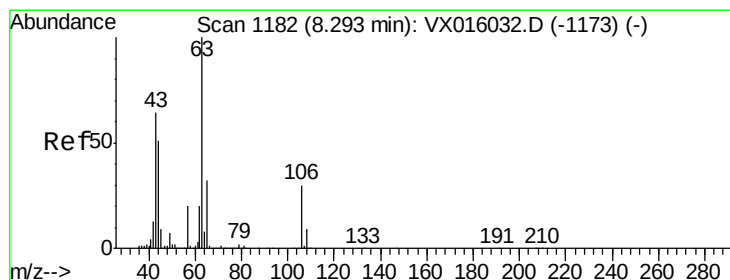
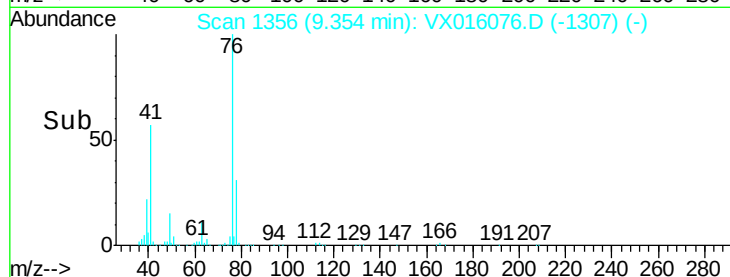
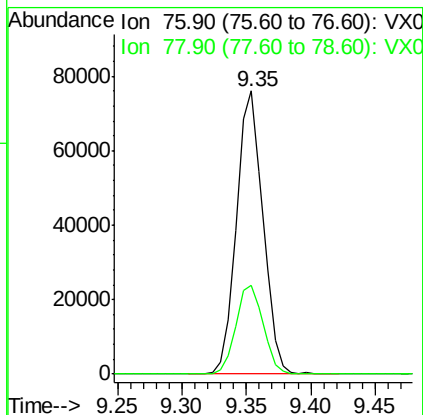
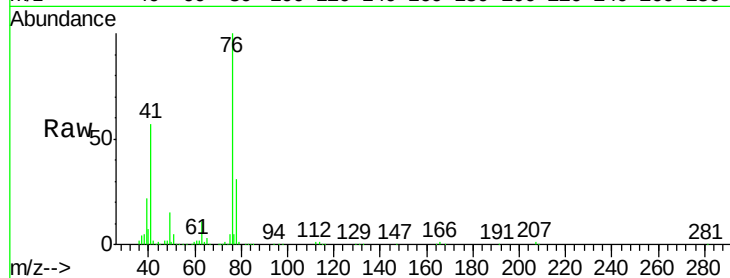
78 32.5 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 91.687 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016076.D

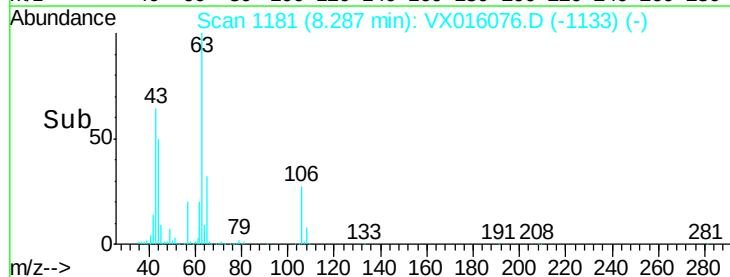
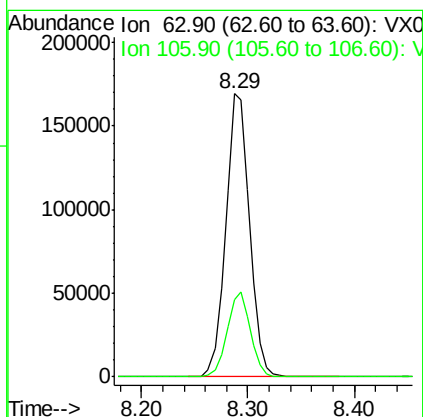
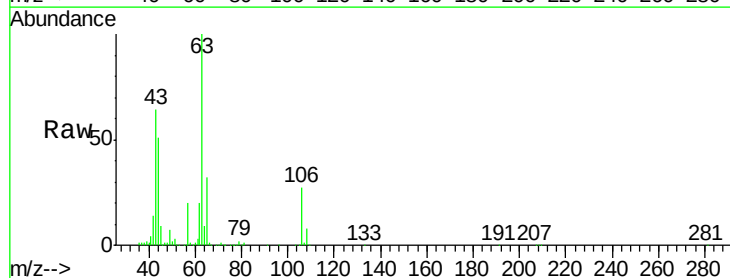
Acq: 06 May 2020 12:19

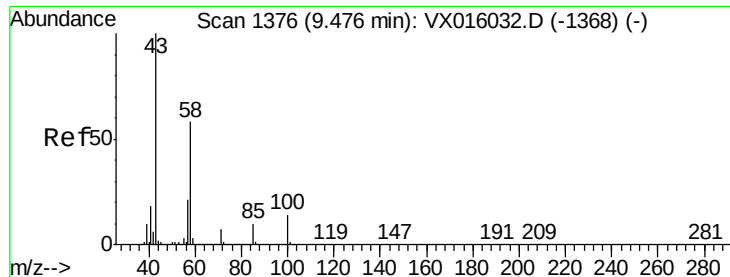
Tgt Ion: 63 Resp: 264055

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





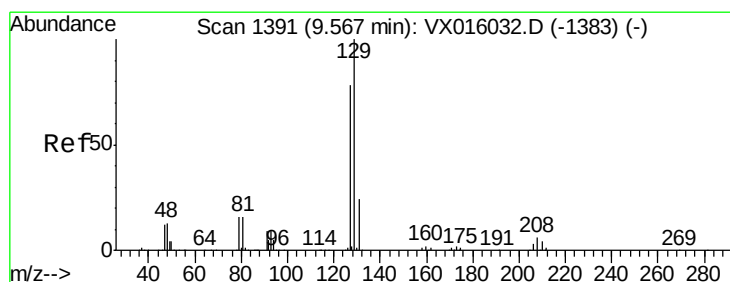
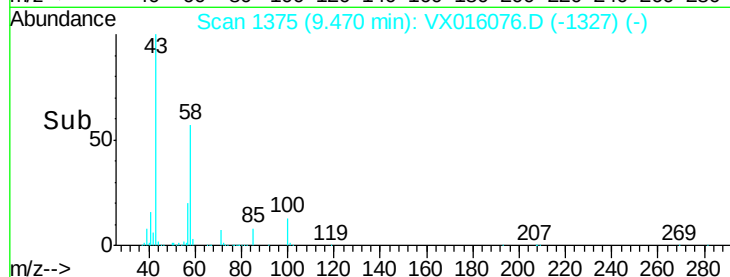
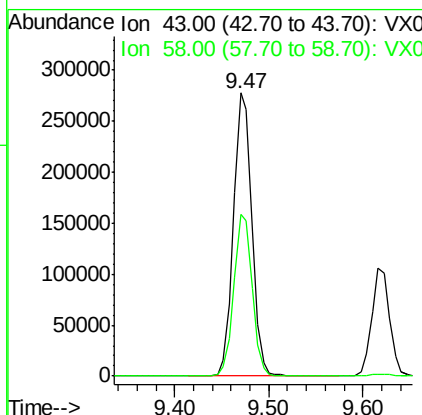
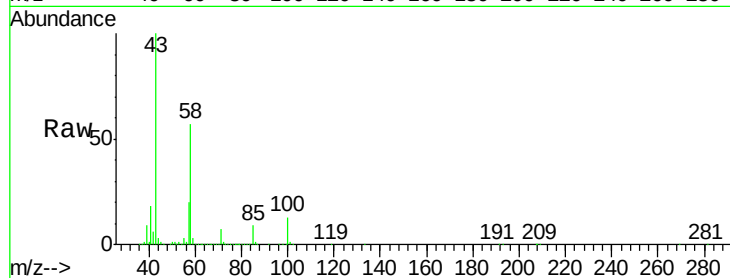
#59
2-Hexanone
Concen: 91.387 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion: 43 Resp: 375111
Ion Ratio Lower Upper
43 100
58 57.3 28.6 85.9

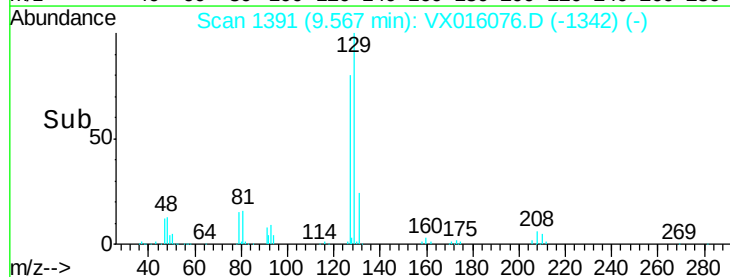
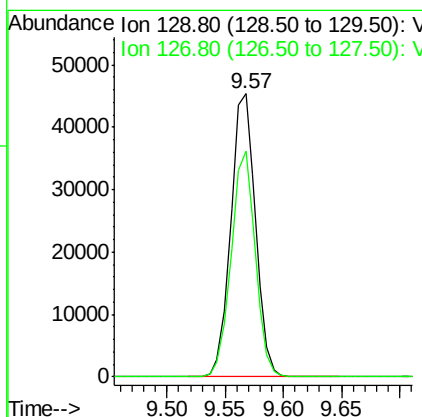
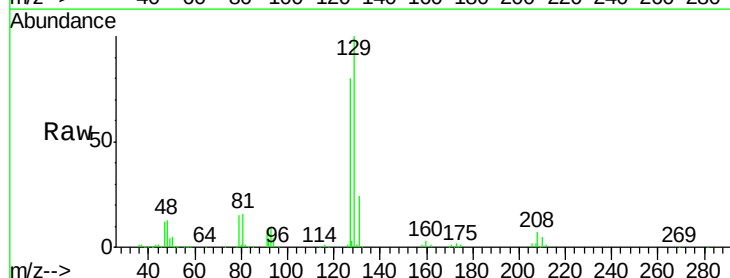
Manual Integrations
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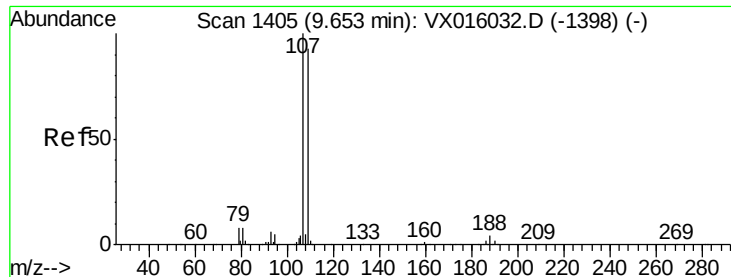
MMDadoda
5/8/2020 1:27:24 PM



#60
Dibromochloromethane
Concen: 18.387 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 129 Resp: 67113
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.430 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion:107 Resp: 66158

Ion Ratio Lower Upper

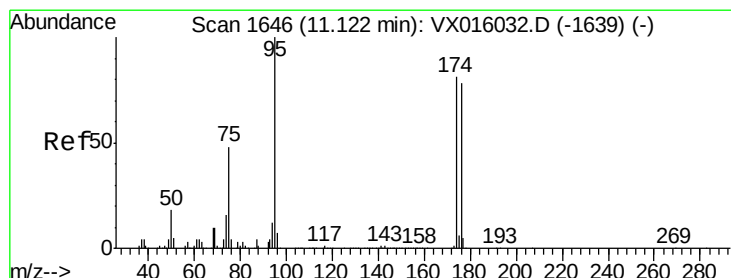
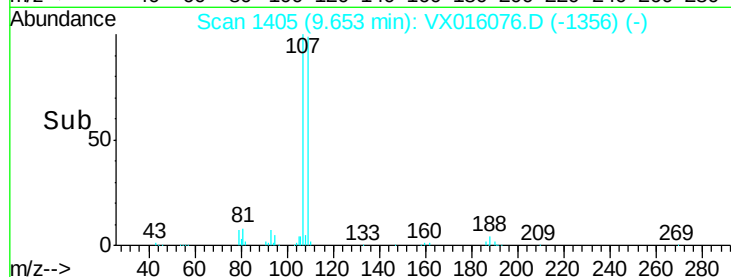
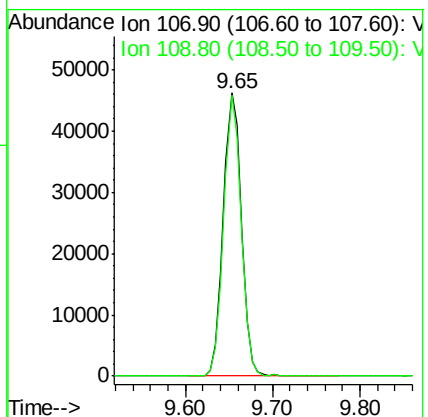
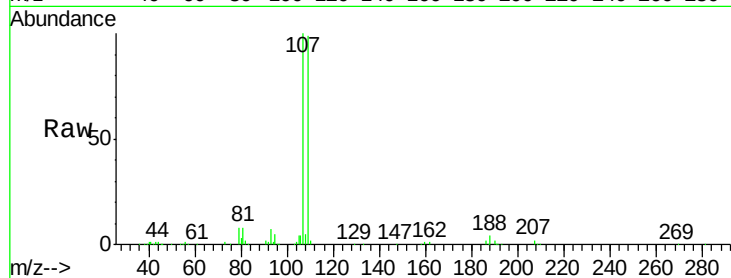
107 100

109 95.3 74.9 112.3

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#62

4-Bromofluorobenzene

Concen: 48.877 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

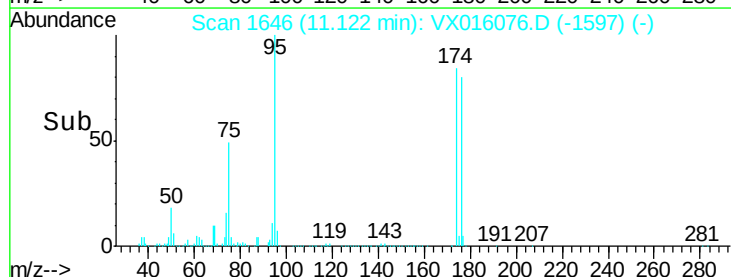
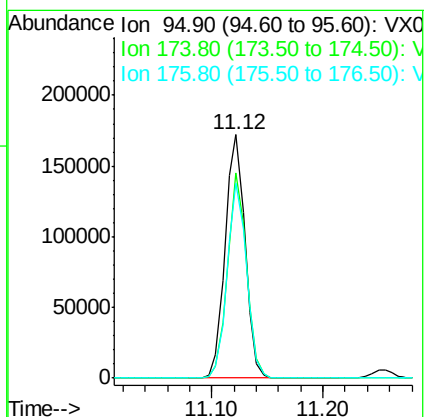
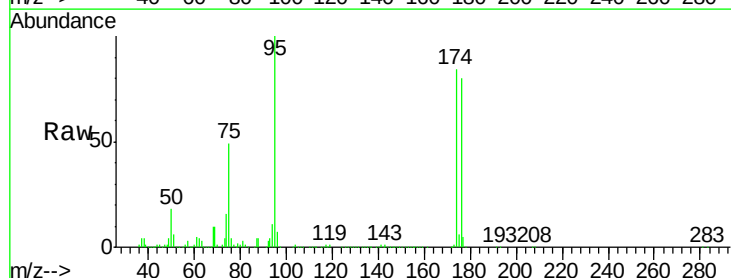
Tgt Ion: 95 Resp: 212928

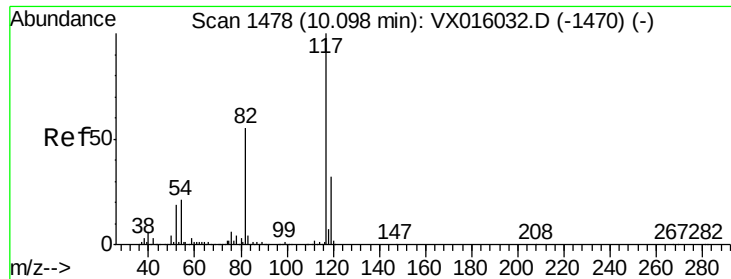
Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.4

176 78.1 0.0 157.6





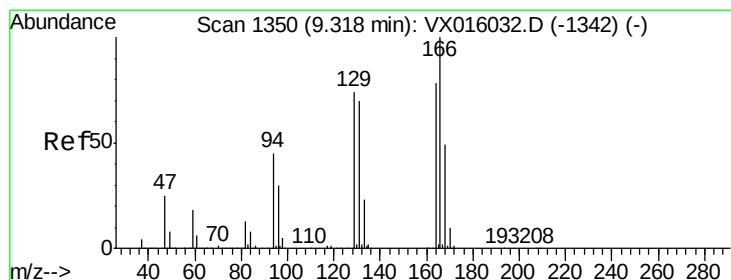
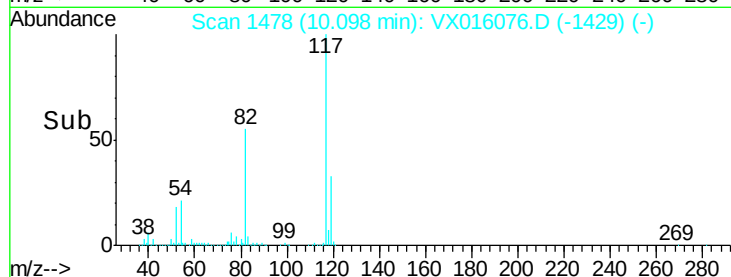
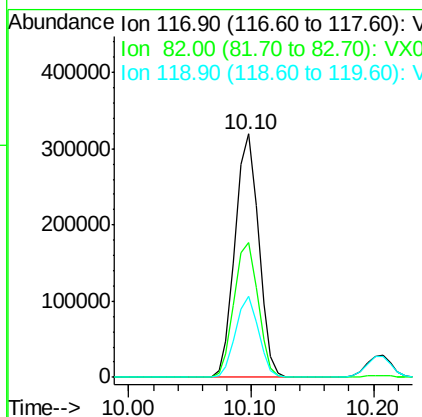
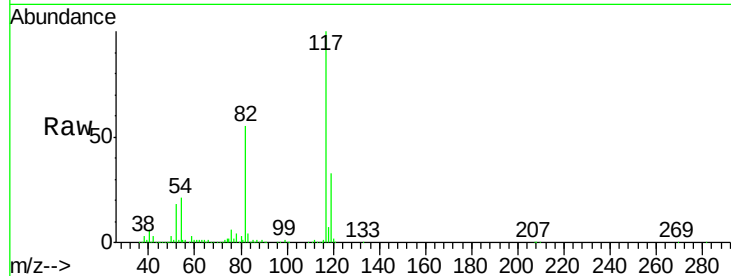
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	426841		
82	55.5	44.4	66.6	
119	33.3	25.5	38.3	

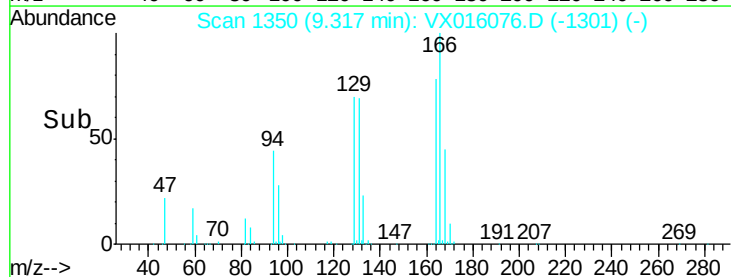
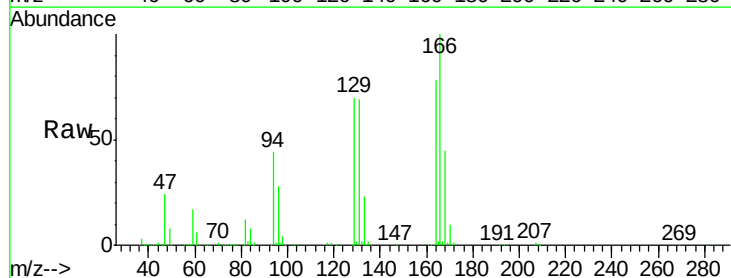
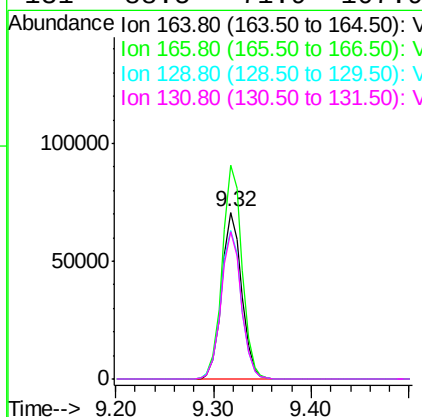
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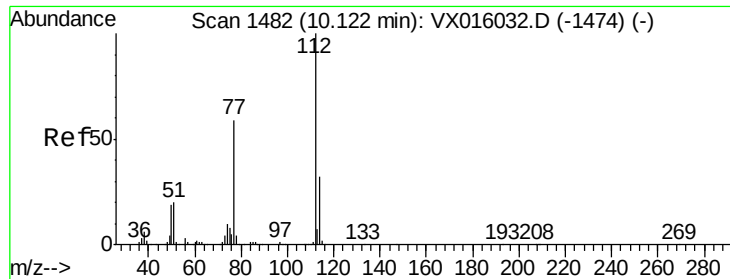
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#64
Tetrachloroethene
Concen: 19.103 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	100099		
166	128.1	102.9	154.3	
129	89.3	76.1	114.1	
131	88.5	71.9	107.9	





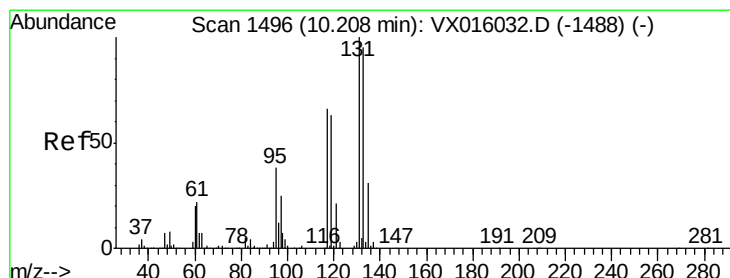
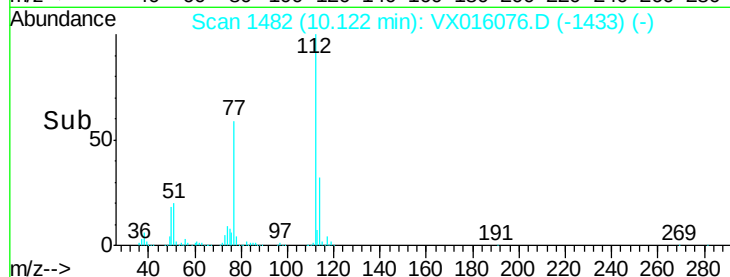
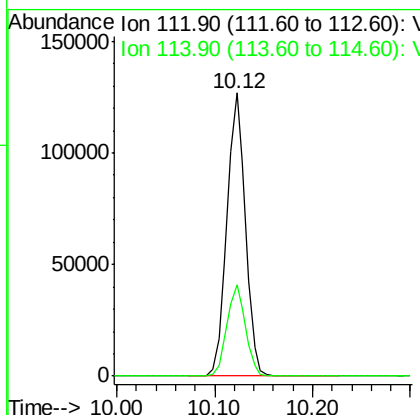
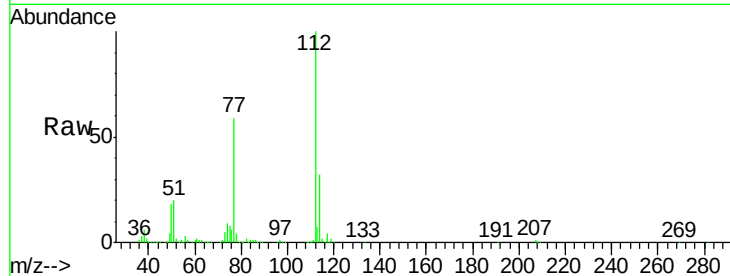
#65
Chlorobenzene
Concen: 18.596 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion:112 Resp: 166200
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

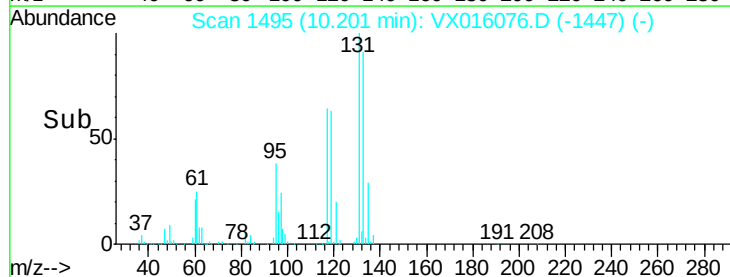
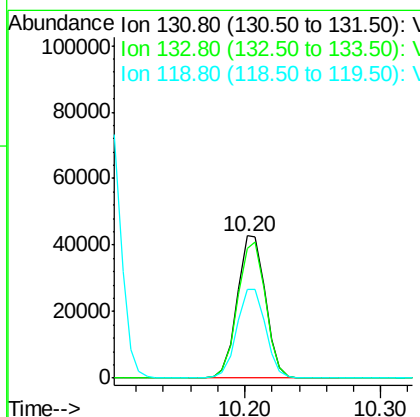
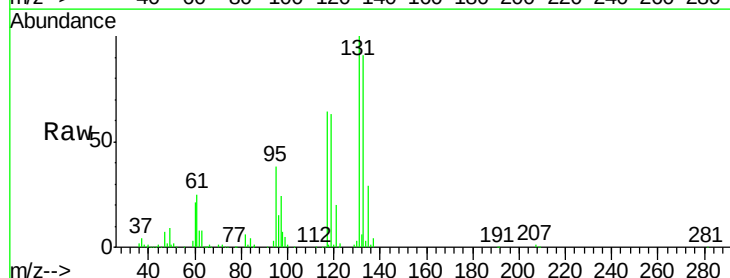
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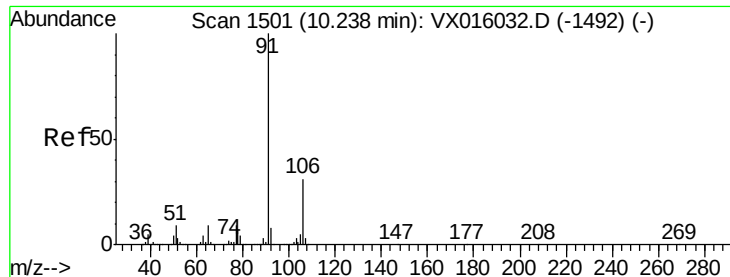
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.727 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion:131 Resp: 61863
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.8
119 63.5 32.3 96.9





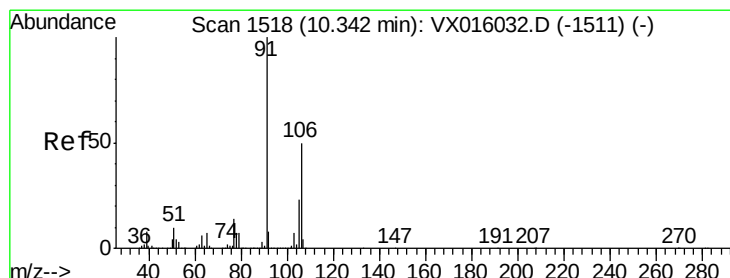
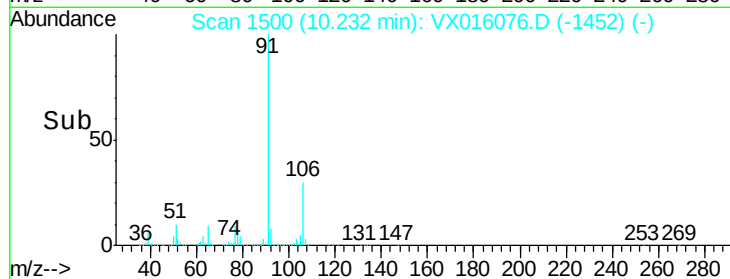
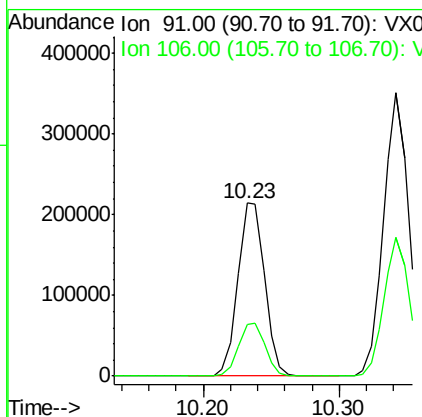
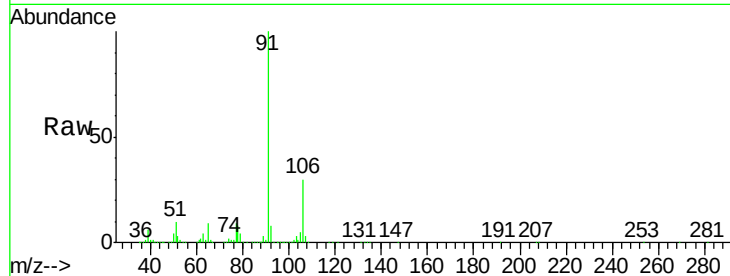
#67
Ethyl Benzene
Concen: 18.400 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion: 91 Resp: 293425
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7

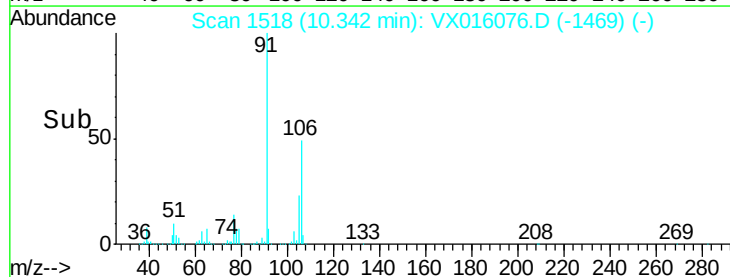
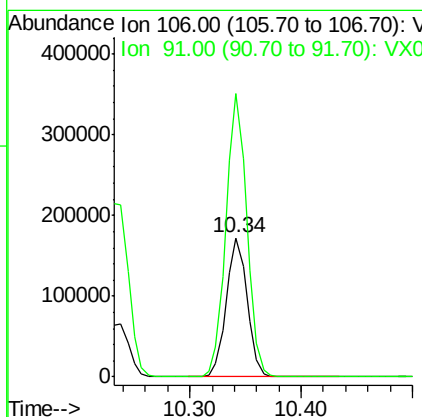
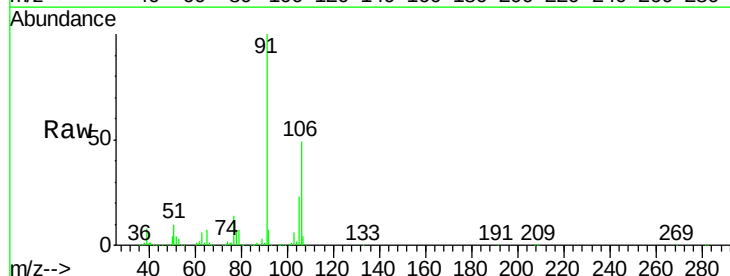
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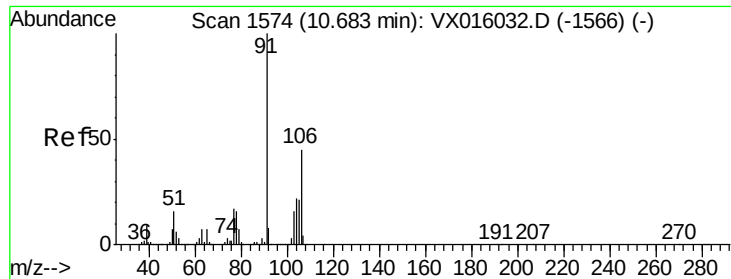
MMDadoda
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#68
m/p-Xylenes
Concen: 37.696 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 106 Resp: 225225
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





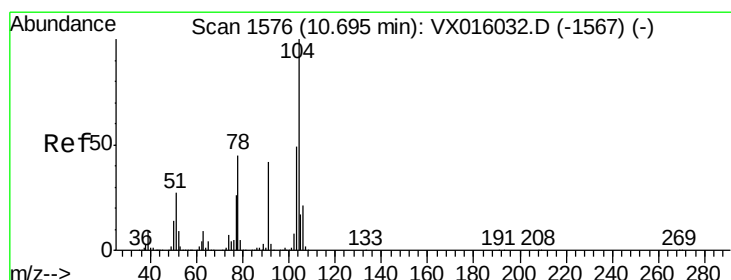
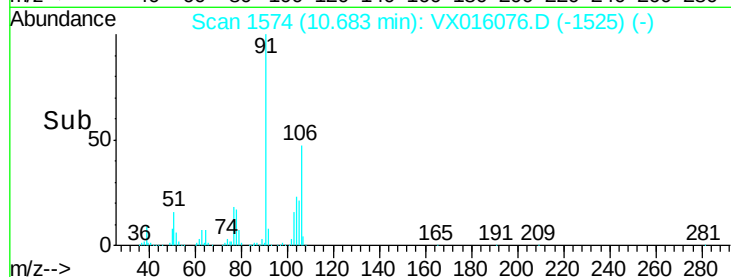
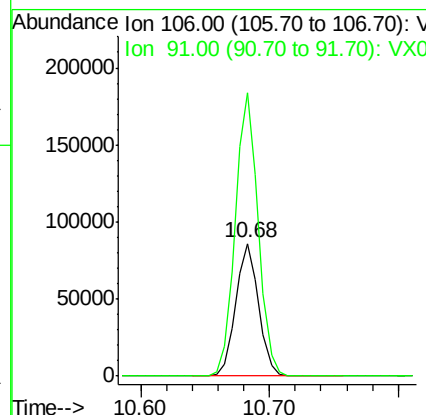
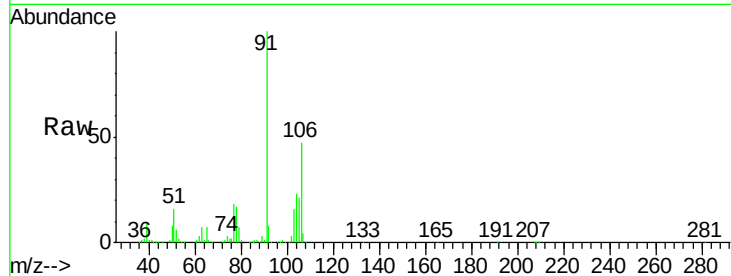
#69
o-Xylene
Concen: 18.587 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	106747		
91	91	214.1	107.5	322.6	

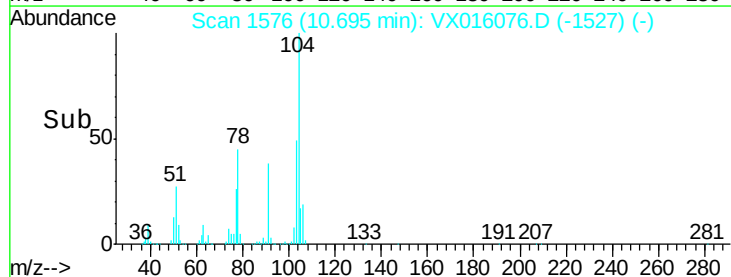
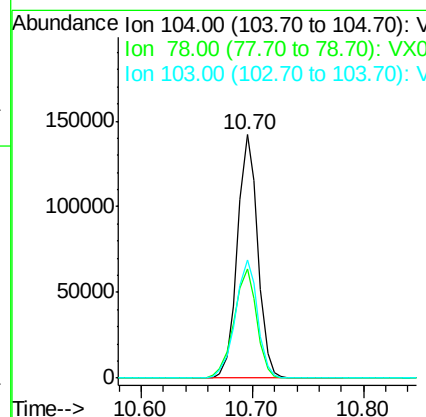
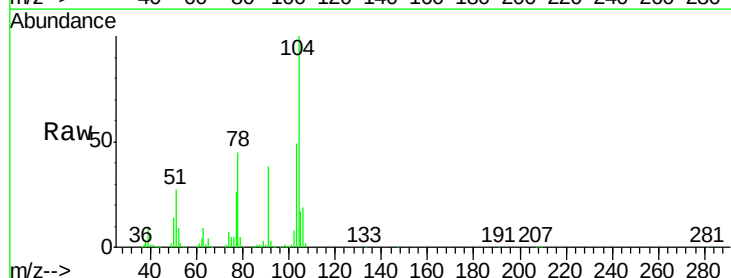
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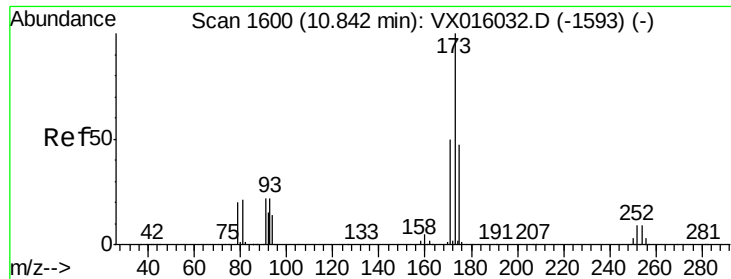
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#70
Styrene
Concen: 18.450 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	179767		
78	78	49.9	40.2	60.2	
103	103	53.3	43.0	64.6	





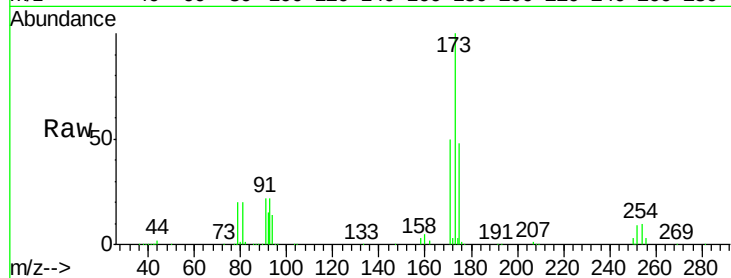
#71
Bromoform
Concen: 18.573 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

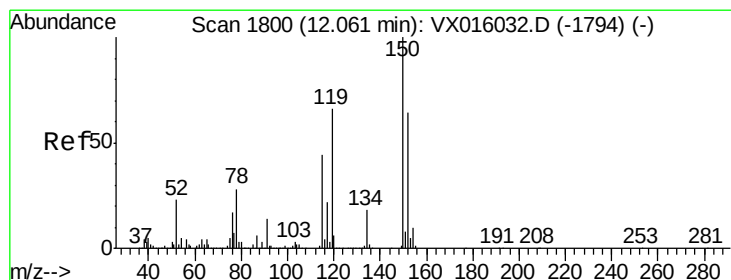
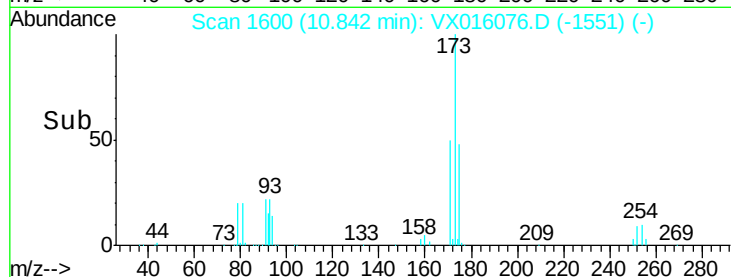
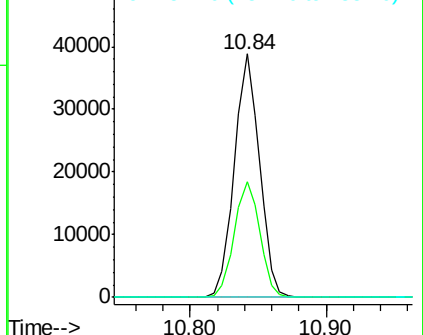
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.0	72.0
254	0.0	0.1	0.1

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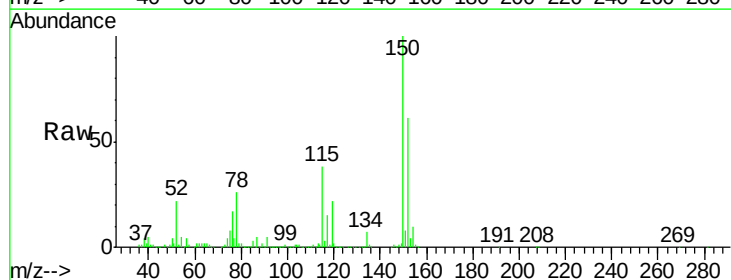


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

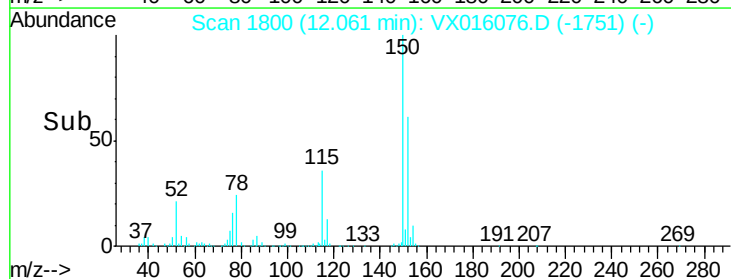
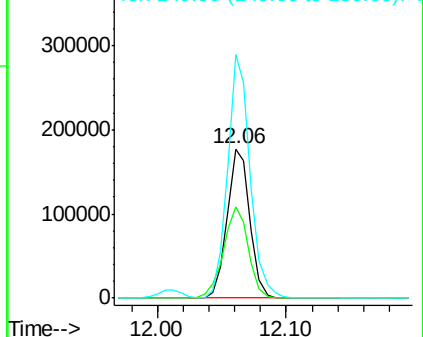


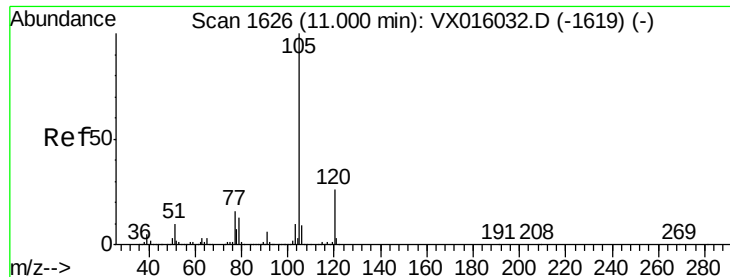
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.8	41.3	124.1
150	162.7	0.0	352.2



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





#73

Isopropylbenzene

Concen: 18.144 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 105 Resp: 288402

Ion Ratio Lower Upper

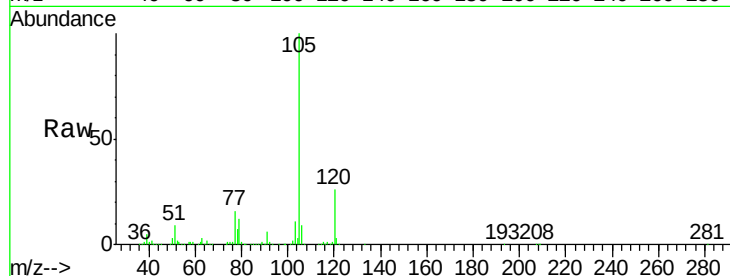
105 100

120 26.1 13.4 40.2

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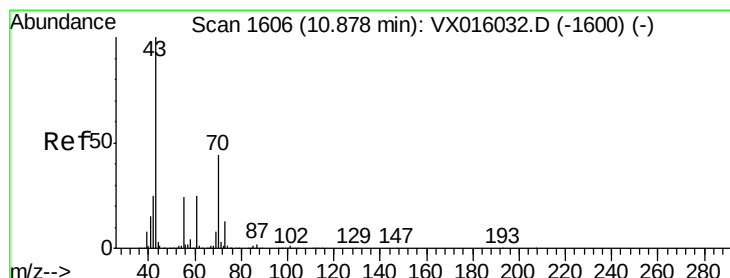
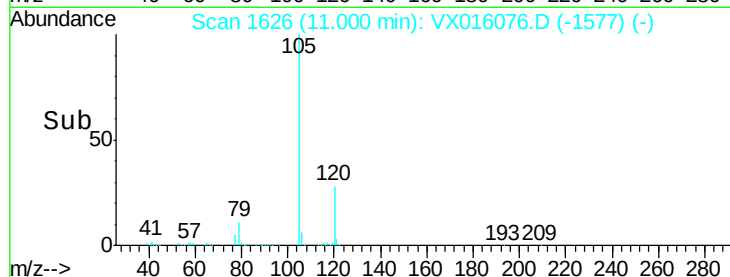
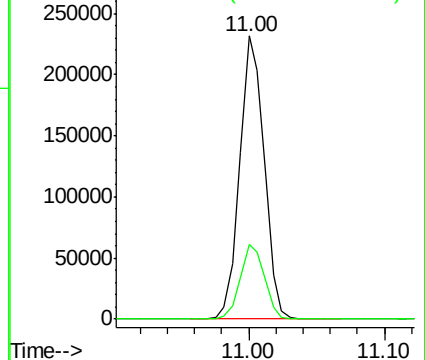
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.753 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion: 43 Resp: 131624

Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 25.3 19.7 29.5

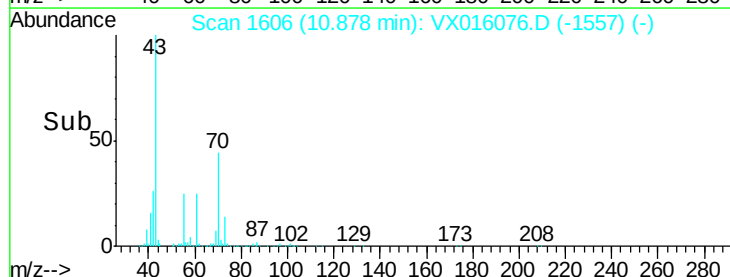
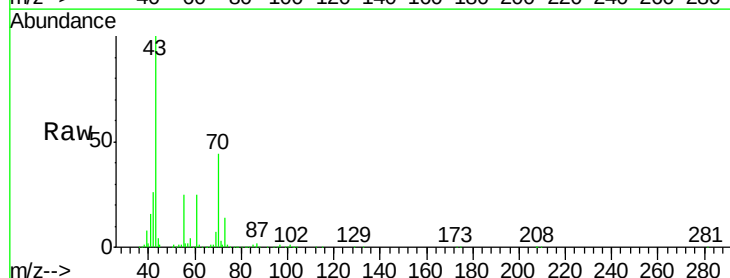
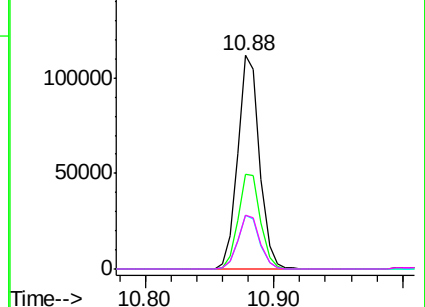
61 25.7 20.9 31.3

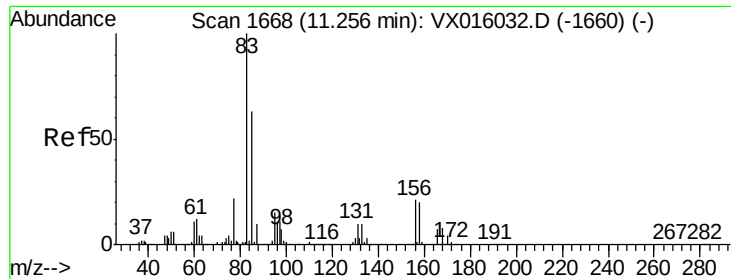
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.416 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

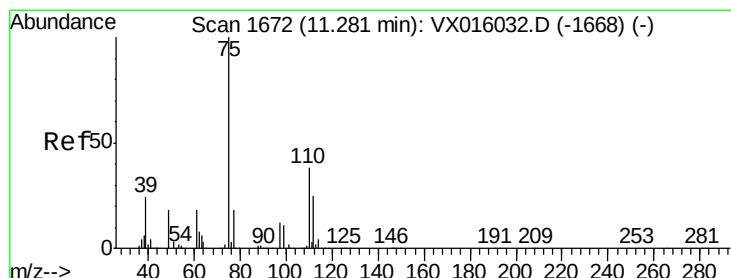
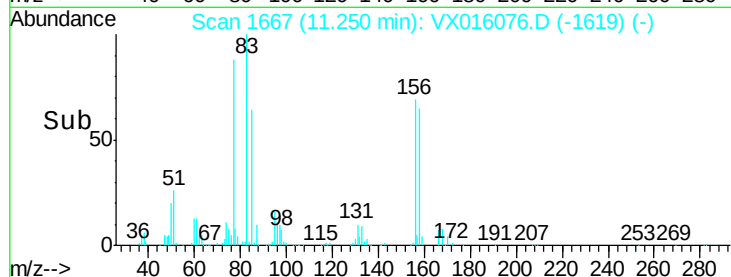
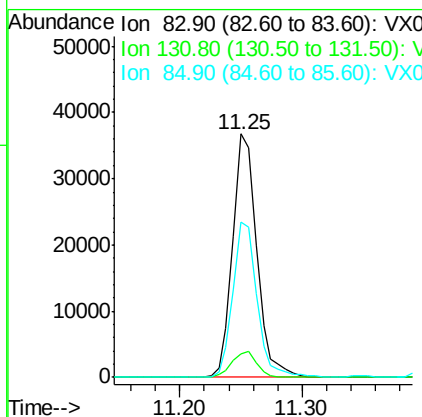
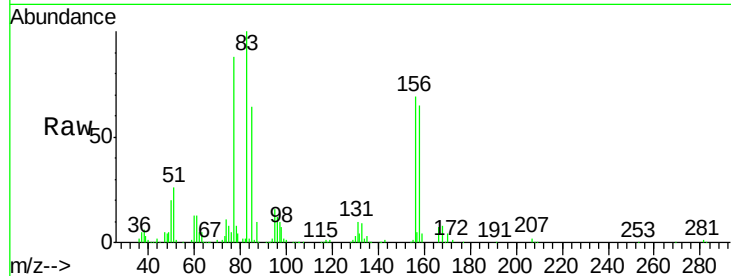
ClientSampled :

VX0506WBSD01

Tot Ion:	83	Resp:	50080
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.4
85	64.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.401 ug/l m

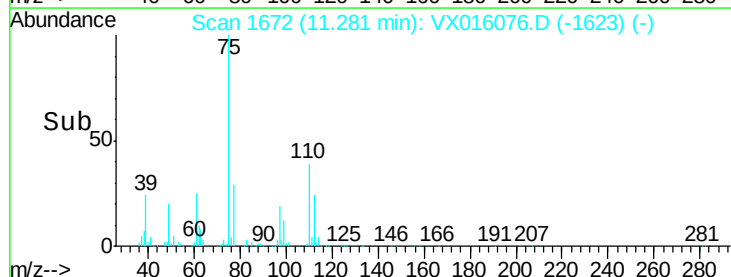
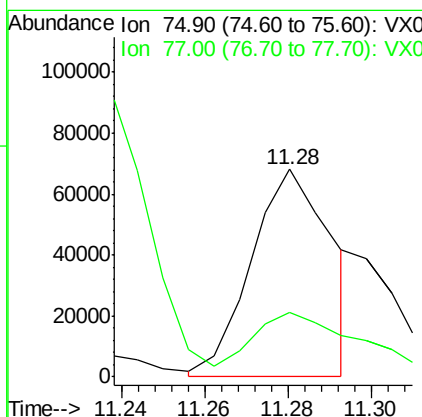
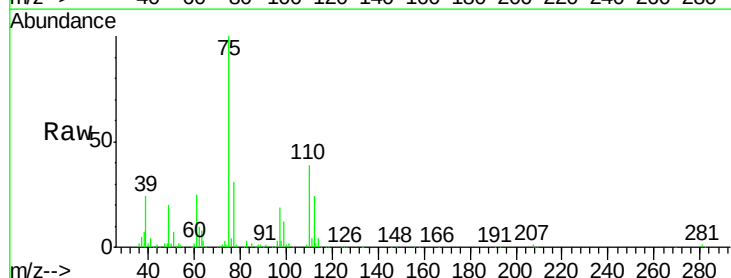
RT: 11.28 min Scan# 1672

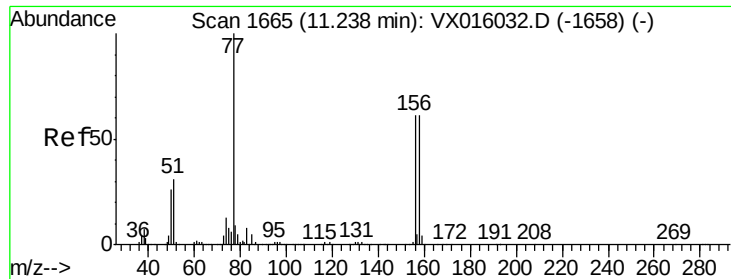
Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	75	Resp:	91251
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.2	63.6





#77

Bromobenzene

Concen: 17.430 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

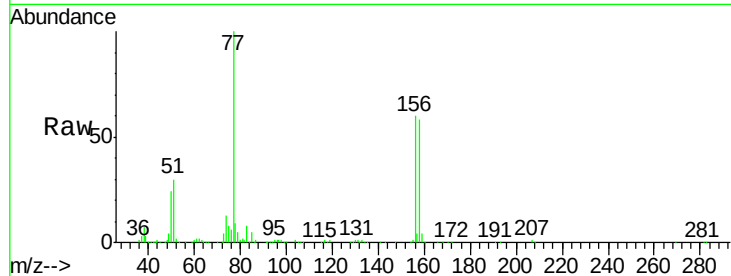
ClientSampleId :

VX0506WBSD01

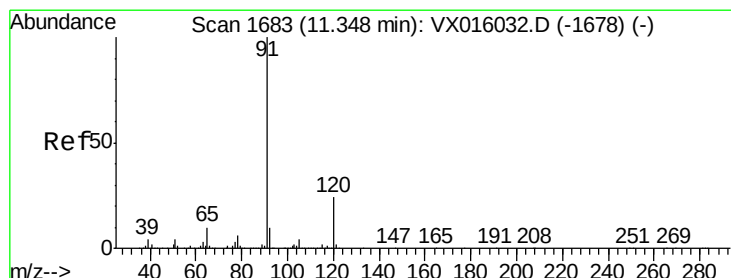
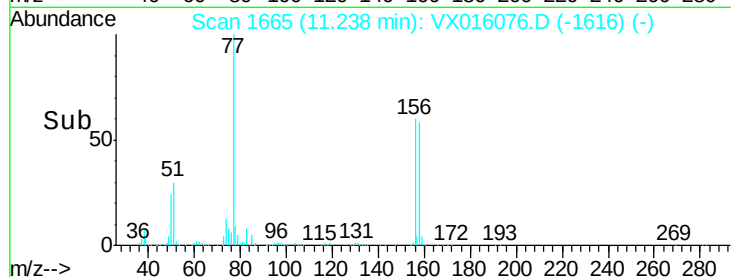
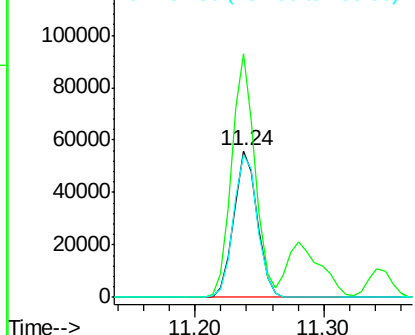
Tot Ion:	156	Resp:	71512
Ion Ratio	Lower	Upper	
156	100		
77	164.8	80.1	240.3
158	98.9	49.4	148.2

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.869 ug/l

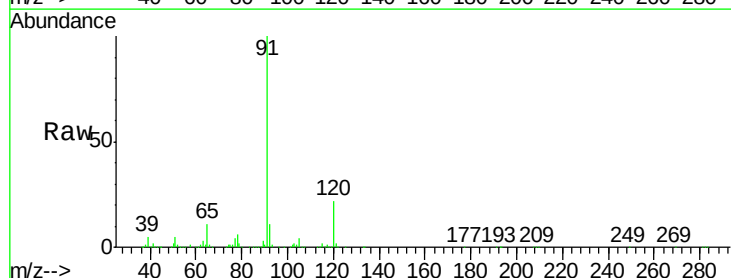
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

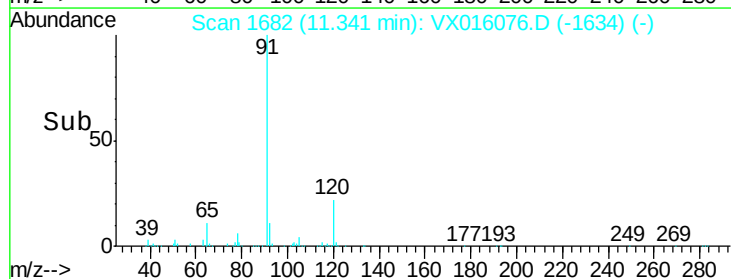
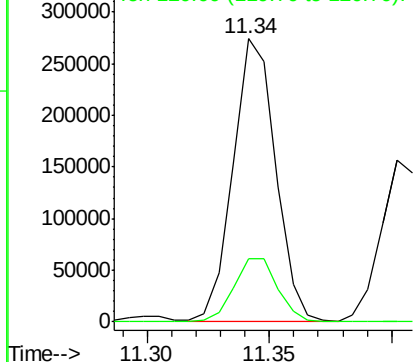
Lab File: VX016076.D

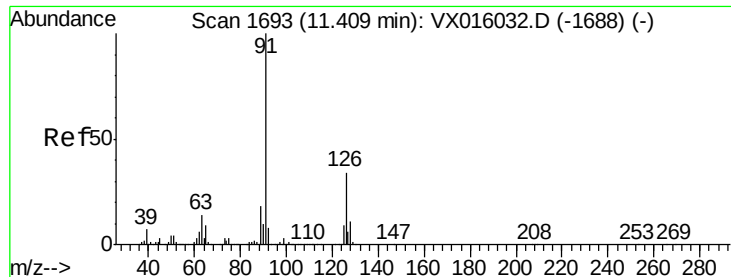
Acq: 06 May 2020 12:19

Tgt Ion:	91	Resp:	330420
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.012 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion: 91 Resp: 196600

Ion Ratio Lower Upper

91 100

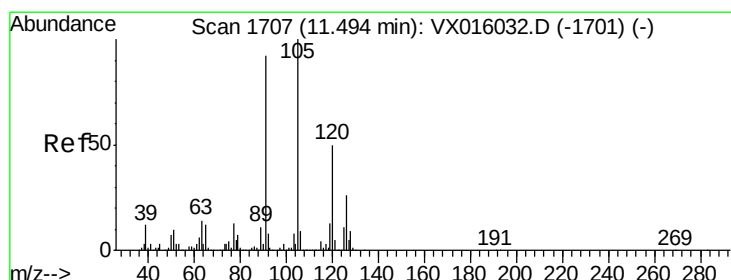
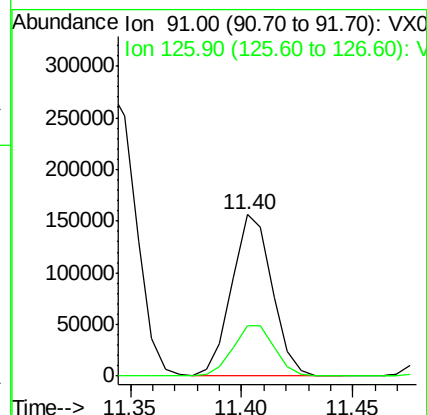
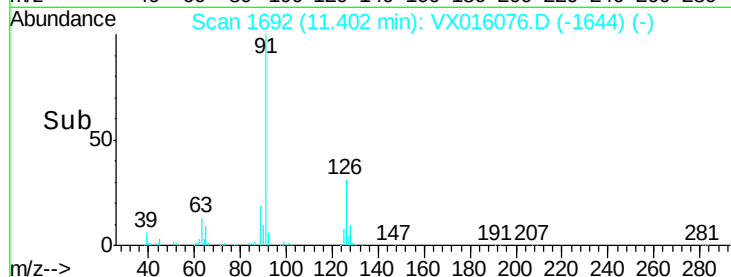
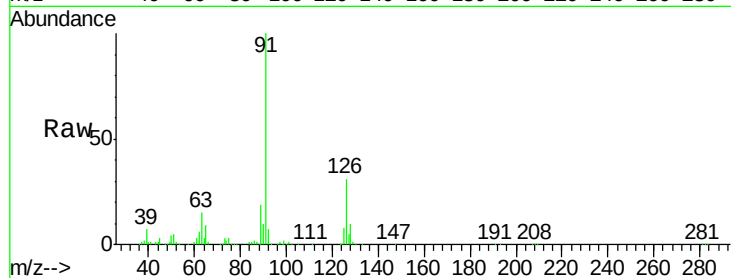
126 32.8 16.9 50.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.157 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016076.D

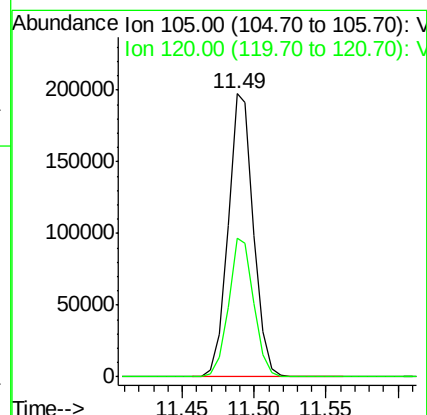
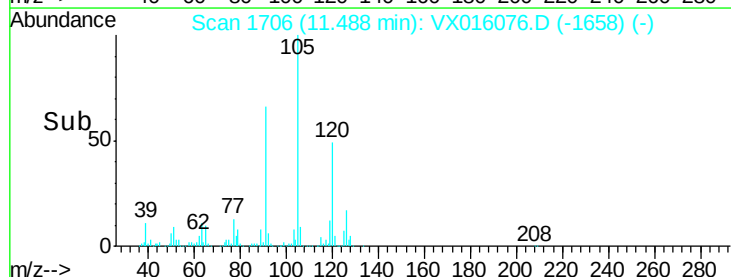
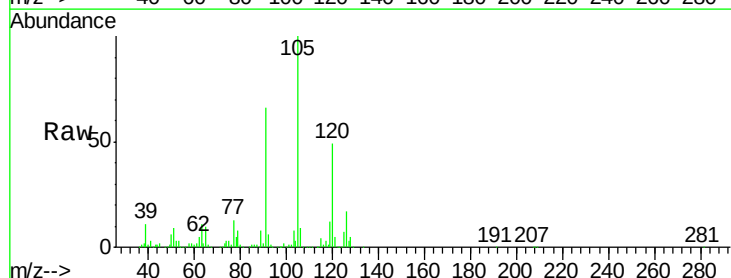
Acq: 06 May 2020 12:19

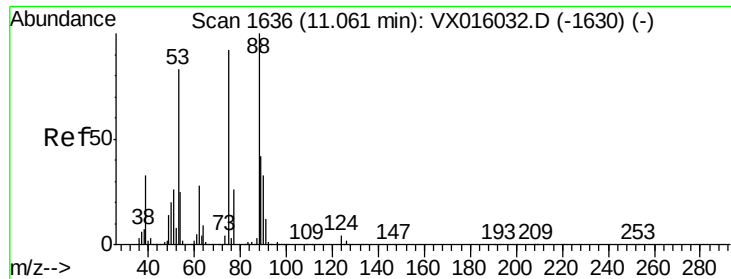
Tgt Ion: 105 Resp: 243685

Ion Ratio Lower Upper

105 100

120 48.7 24.6 74.0





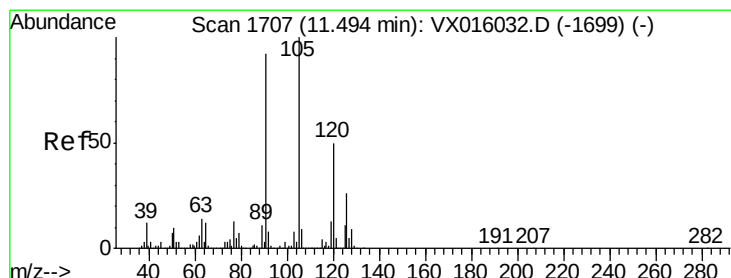
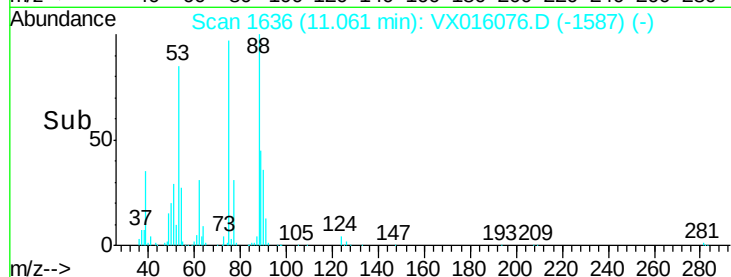
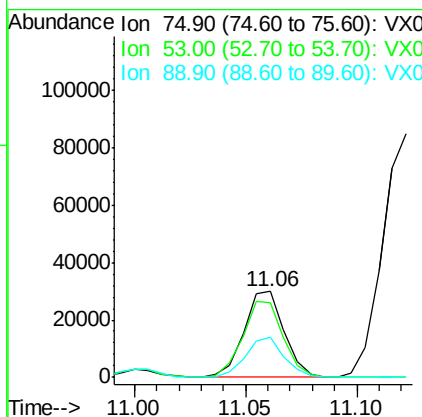
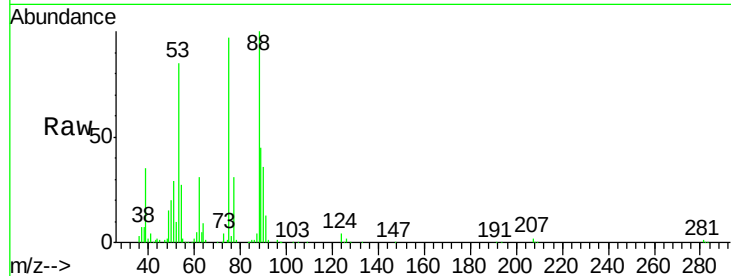
#81
trans-1,4-Dichloro-2-butene
Concen: 17.907 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	73.1	109.7
89	45.8	36.7	55.1

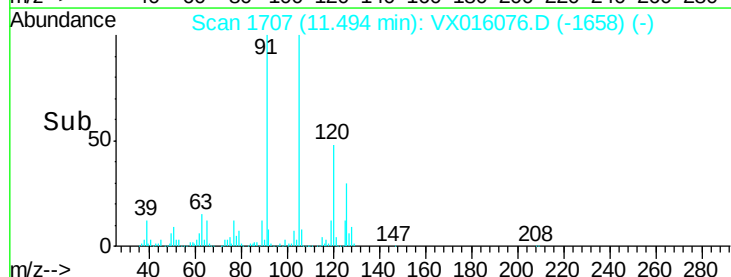
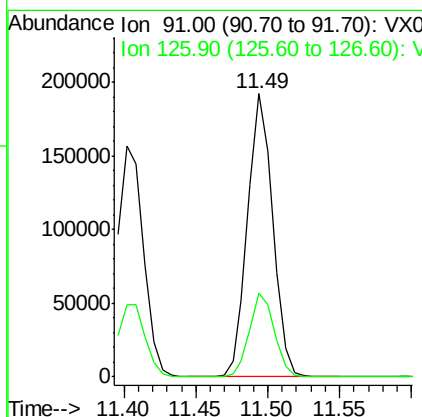
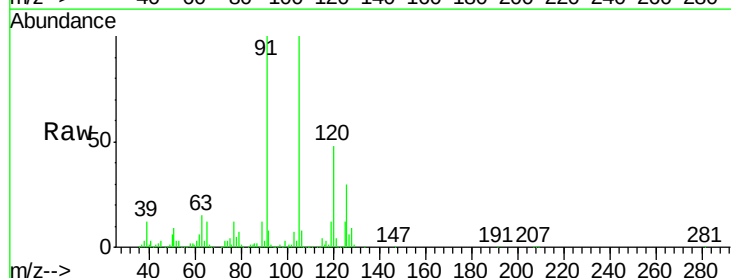
Manual Integrations
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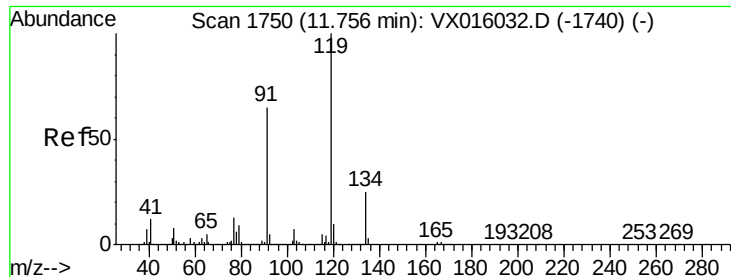
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#82
4-Chlorotoluene
Concen: 17.979 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.8	44.3





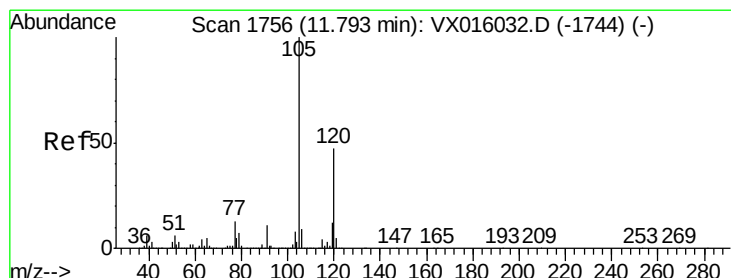
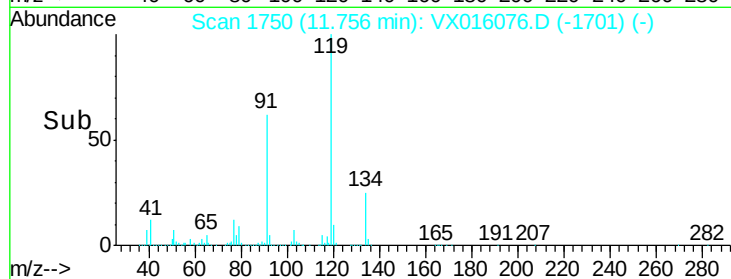
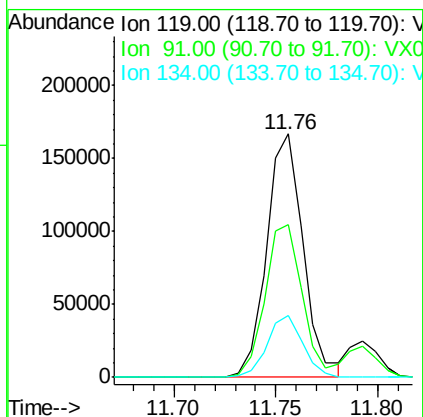
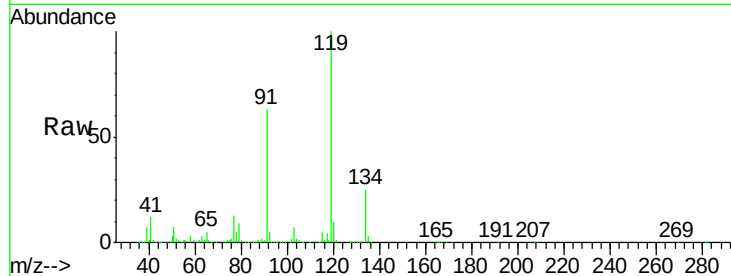
#83
 tert-Butylbenzene
 Concen: 18.007 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	208267		
91	63.8		32.8	98.4
134	24.6		12.4	37.0

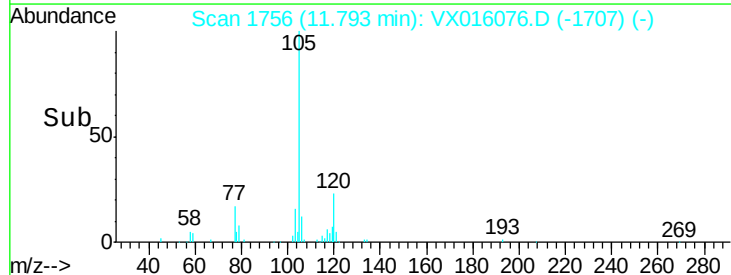
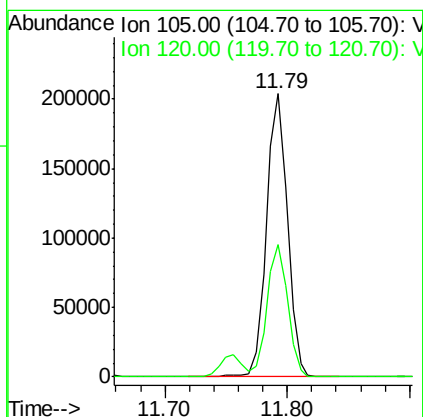
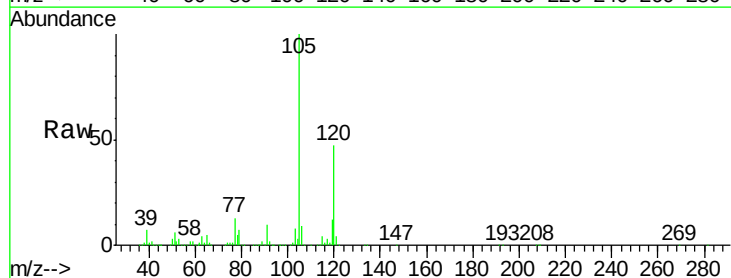
Manual Integrations
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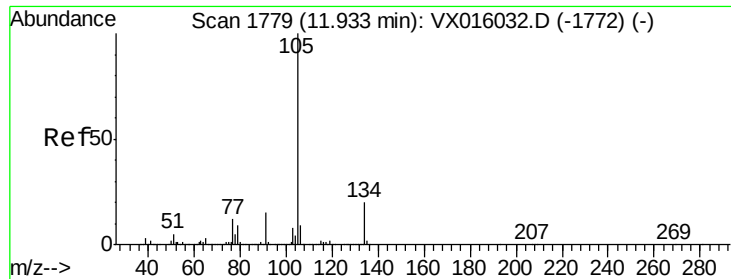
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.954 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243601		
120	45.9		23.0	69.0





#85

sec-Butylbenzene

Concen: 17.806 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBSD01

Tot Ion:105 Resp: 278060

Ion Ratio Lower Upper

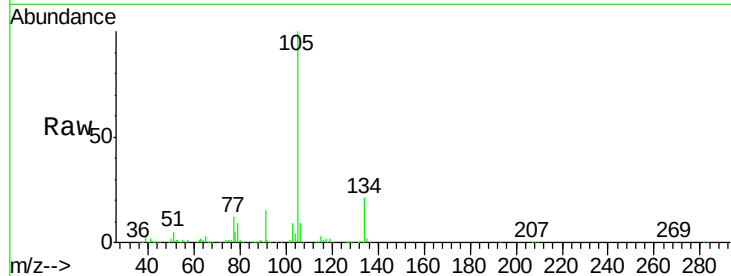
105 100

134 20.7 10.1 30.3

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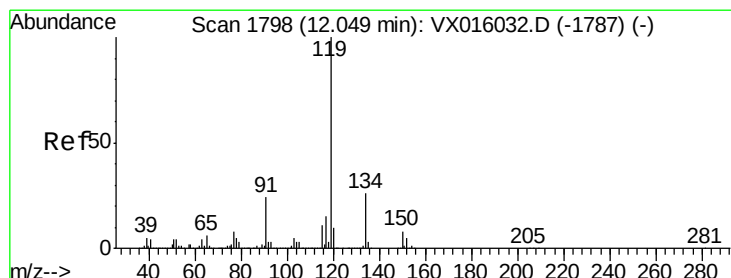
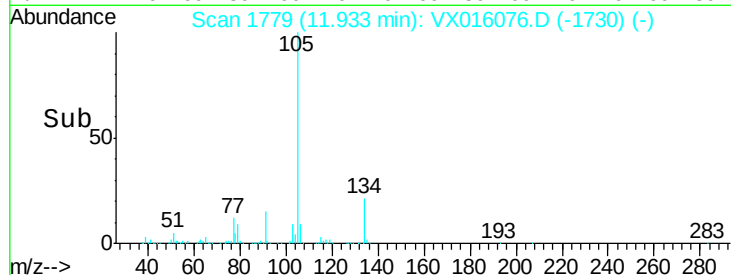
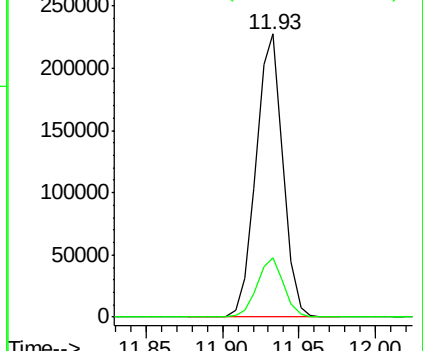
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.929 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

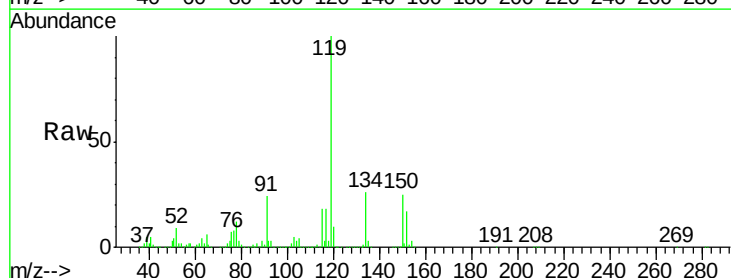
Tgt Ion:119 Resp: 259946

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

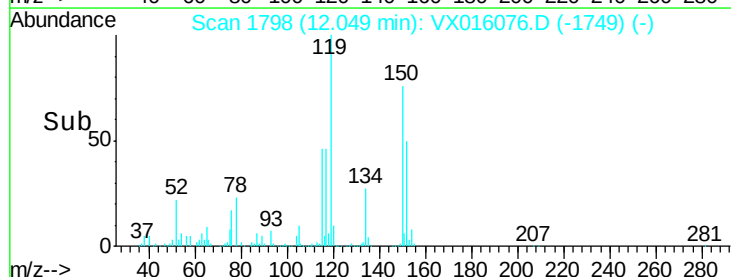
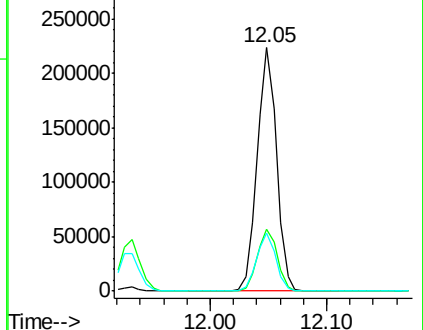
91 23.7 11.8 35.4

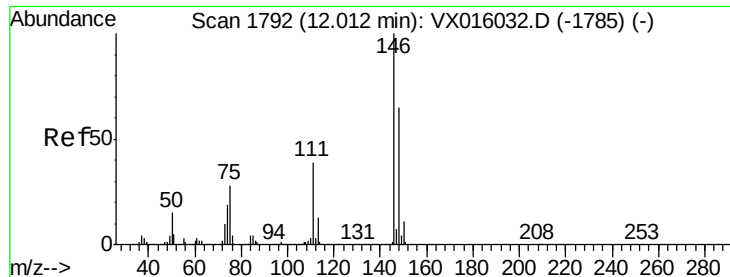


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.483 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

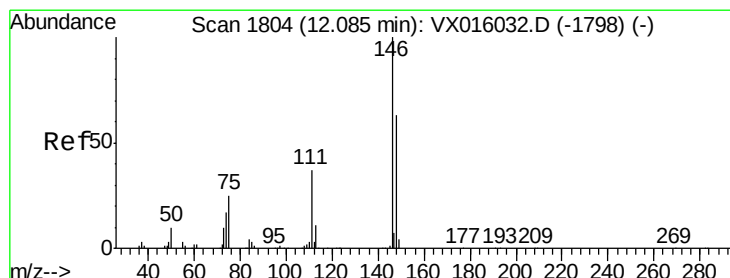
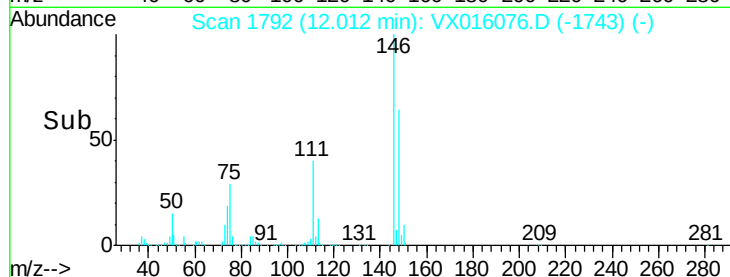
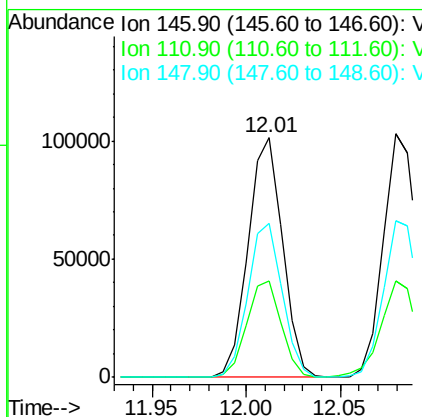
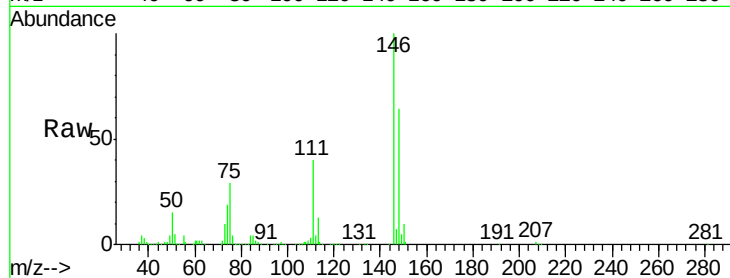
ClientSampleId :

VX0506WBSD01

Tot Ion:	146	Resp:	128791
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.2	60.6
148	64.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.477 ug/l

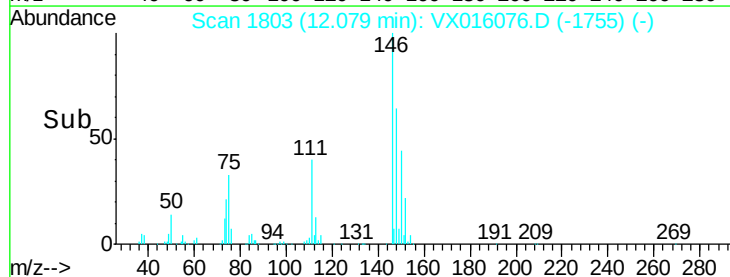
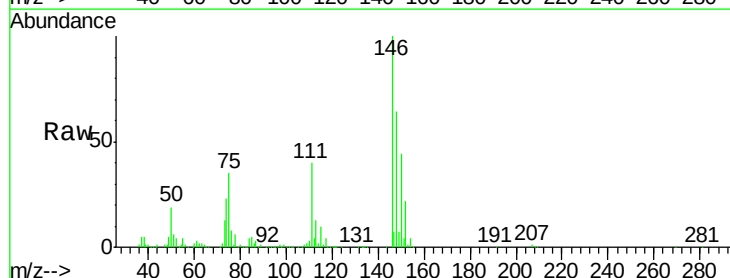
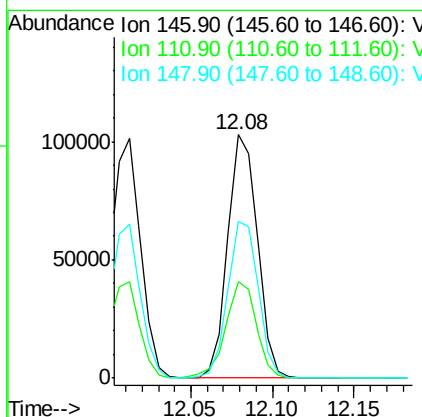
RT: 12.08 min Scan# 1803

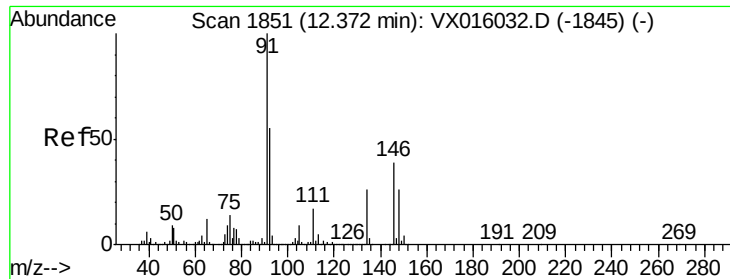
Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion:	146	Resp:	130675
Ion Ratio	Lower	Upper	
146	100		
111	40.9	19.6	58.7
148	65.9	31.8	95.3





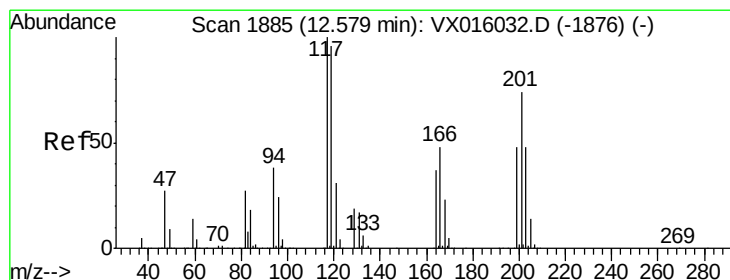
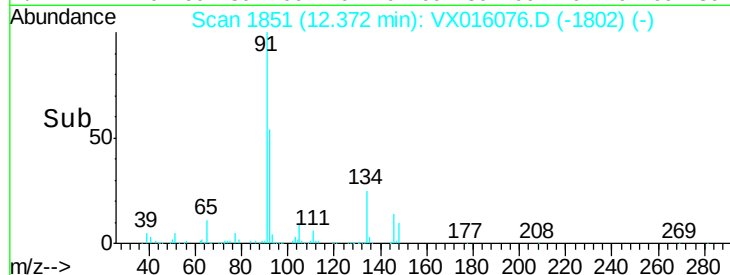
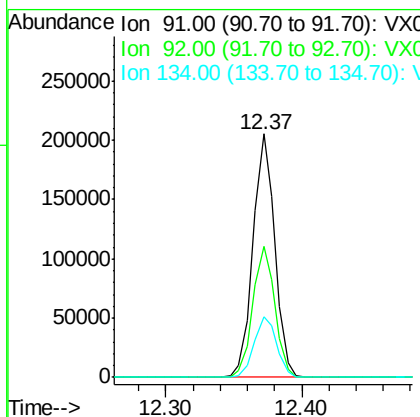
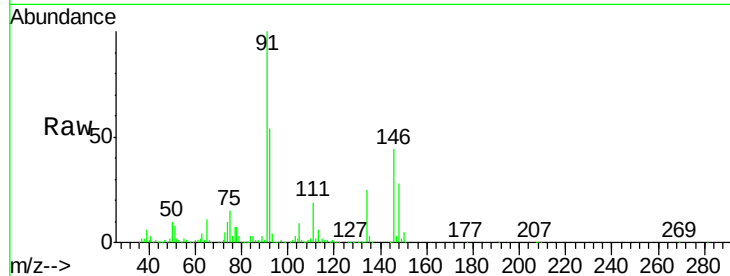
#89
n-Butylbenzene
Concen: 17.494 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	231710		
92	54.1		27.6	82.7
134	25.7		13.4	40.1

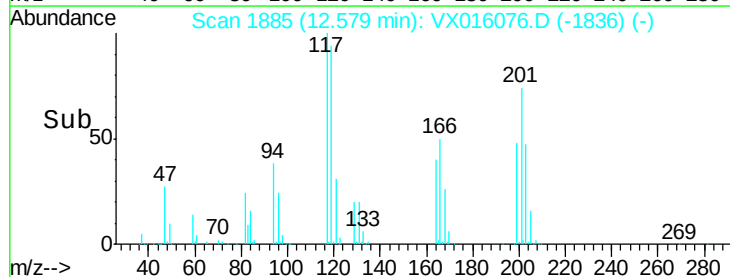
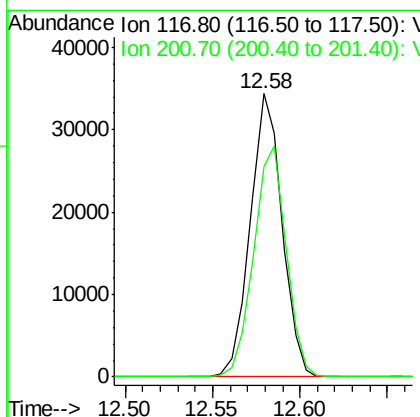
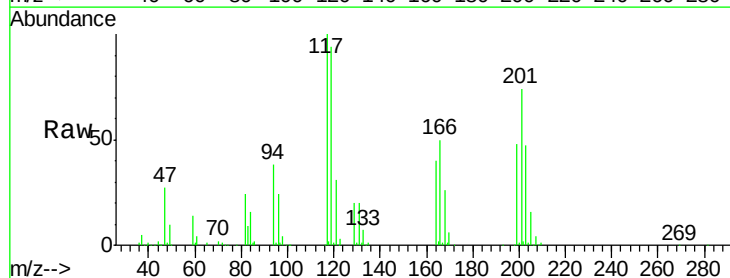
Manual Integrations
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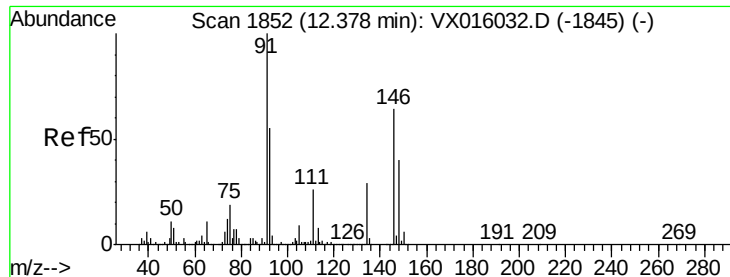
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#90
Hexachloroethane
Concen: 17.400 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43327		
201	83.4		39.8	119.3





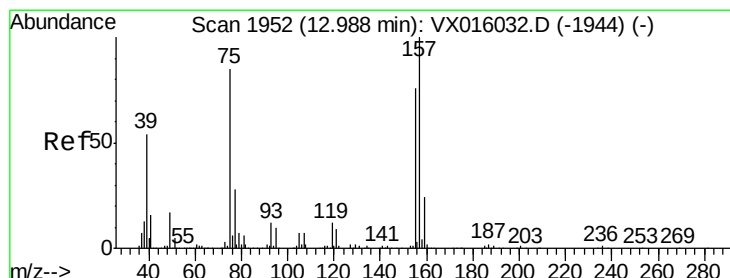
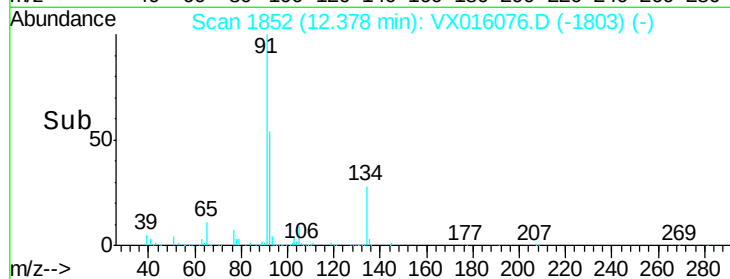
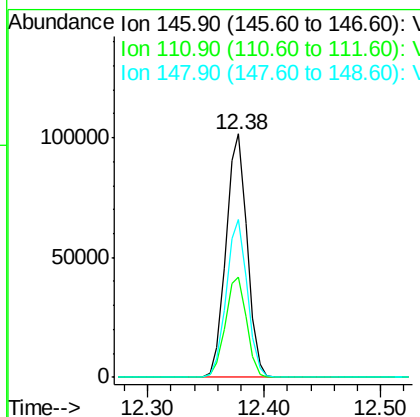
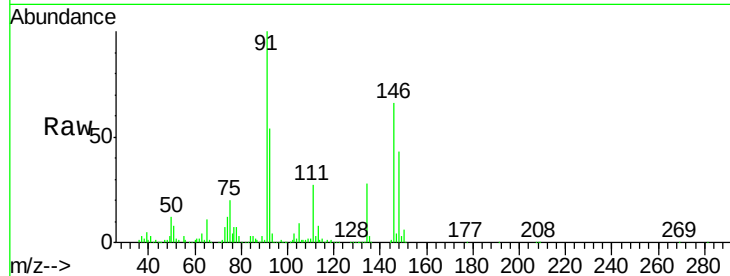
#91
 1,2-Dichlorobenzene
 Concen: 17.942 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	127270		
111	41.6	21.1	63.1	
148	64.0	32.4	97.0	

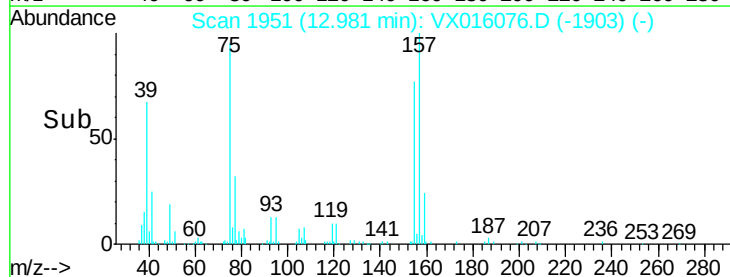
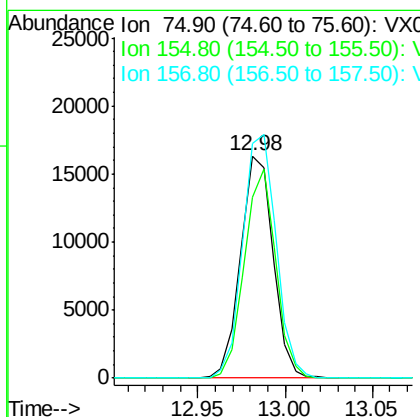
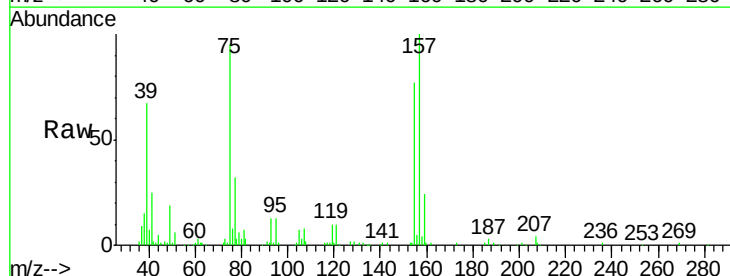
Manual Integrations
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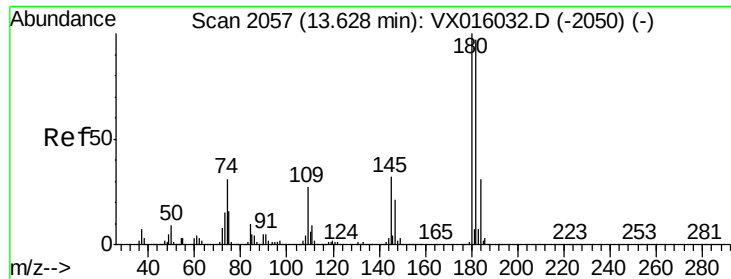
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.193 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21165		
155	90.3	42.5	127.5	
157	112.3	55.3	165.8	





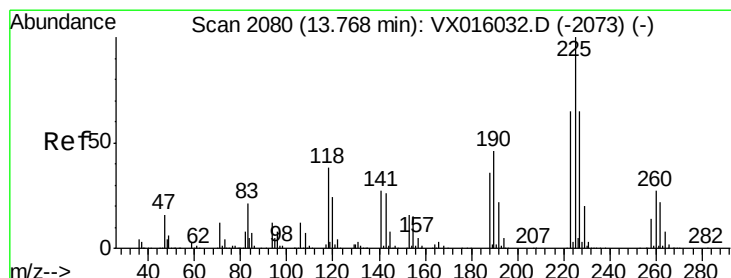
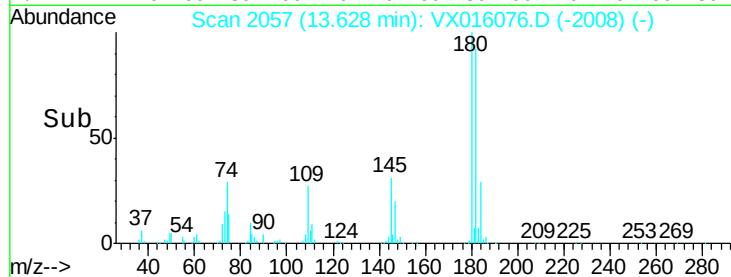
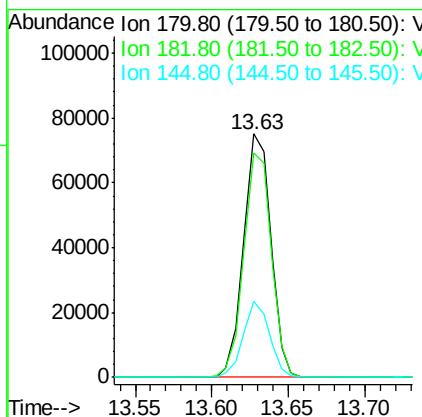
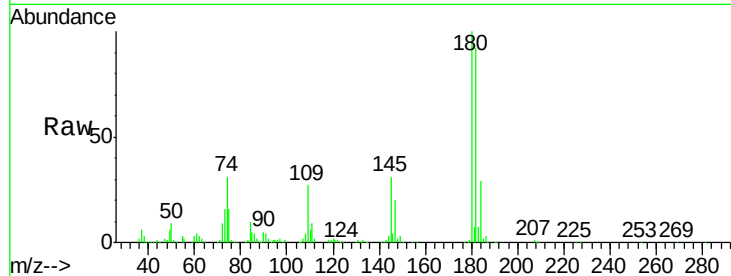
#93
1,2,4-Trichlorobenzene
Concen: 17.797 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.1	48.7	146.1	
145	30.0	15.7	47.1	

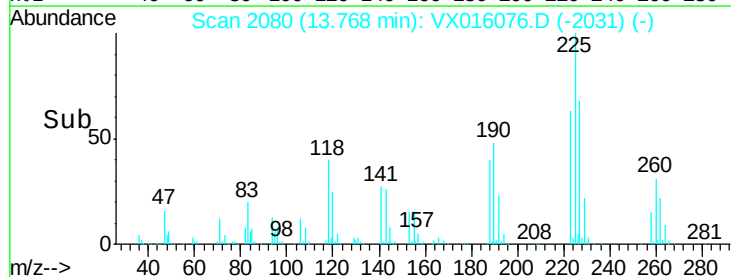
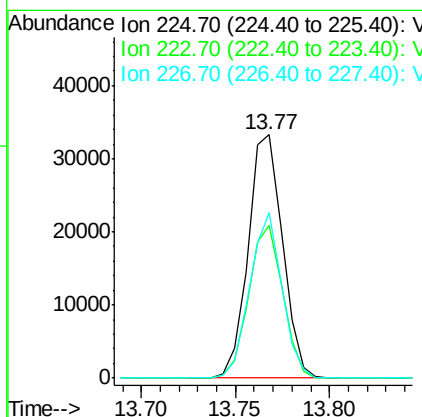
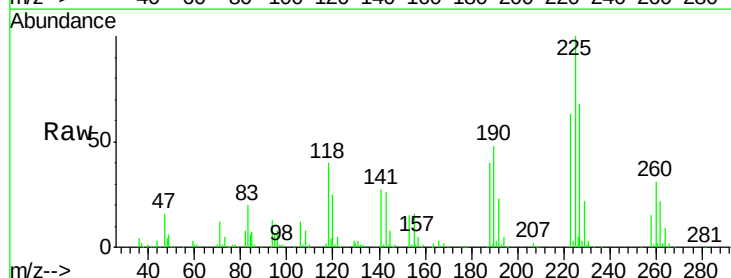
Manual Integrations
APPROVED

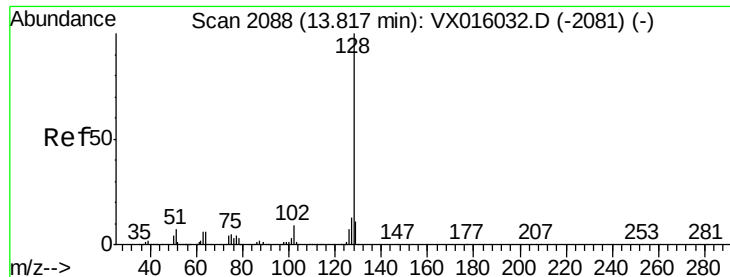
MMDadoda
5/8/2020 1:27:24 PM



#94
Hexachlorobutadiene
Concen: 18.949 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	32.3	96.9	
227	63.7	31.8	95.4	





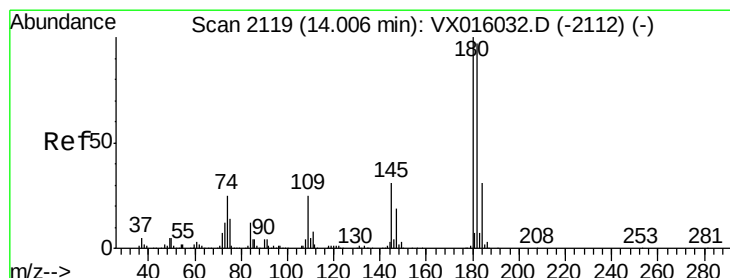
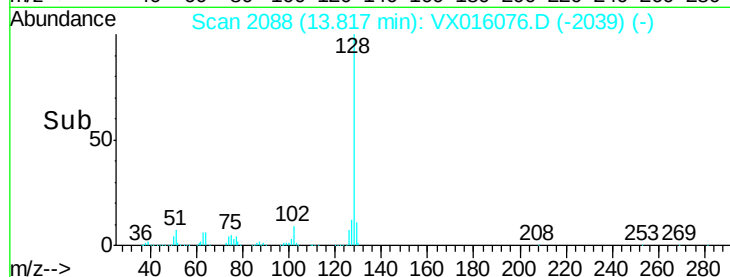
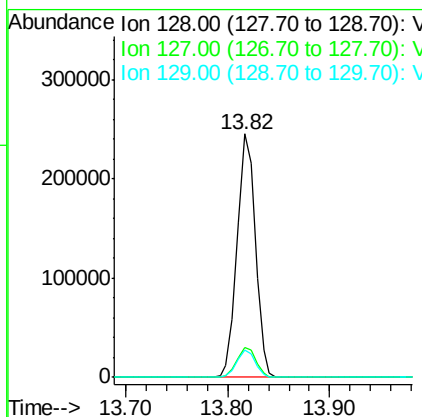
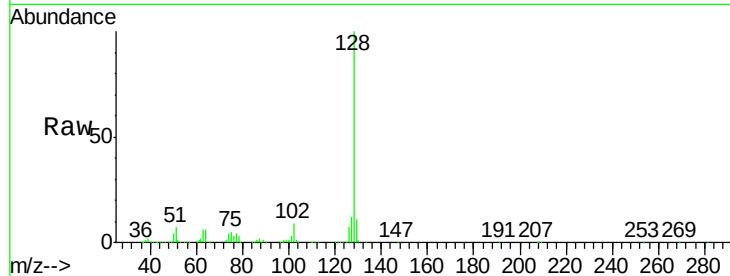
#95
Naphthalene
Concen: 17.737 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	301622		
127	12.7	10.2	15.4	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
5/8/2020 1:27:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.001 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	92390		
182	95.3	48.4	145.0	
145	32.2	16.4	49.1	

