

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016299.D
 Acq On : 18 May 2020 15:25
 Operator : JC/SP
 Sample : VX0518WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 1:38:49 PM

Quant Time: May 19 01:31:51 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	316853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	498948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179754	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	5.46	113	145082	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
50) Toluene-d8	8.70	98	559687	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
62) 4-Bromofluorobenzene	11.12	95	217415	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	55121	16.435	ug/l	98
3) Chloromethane	1.31	50	58252	14.956	ug/l	98
4) Vinyl Chloride	1.39	62	65932	15.866	ug/l	99
5) Bromomethane	1.63	94	39385	18.800	ug/l	99
6) Chloroethane	1.71	64	42325	16.740	ug/l	98
7) Trichlorofluoromethane	1.92	101	91374	16.749	ug/l	98
8) Diethyl Ether	2.17	74	40282	17.524	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54783	17.405	ug/l	99
10) Methyl Iodide	2.49	142	41714	9.867	ug/l	99
11) Tert butyl alcohol	3.01	59	87223	82.727	ug/l	99
12) 1,1-Dichloroethene	2.36	96	54833	16.648	ug/l	99
13) Acrolein	2.27	56	39532	59.917	ug/l	100
14) Allyl chloride	2.70	41	99044	16.400	ug/l	96
15) Acrylonitrile	3.11	53	190593	87.138	ug/l	98
16) Acetone	2.42	43	152870	82.172	ug/l	95
17) Carbon Disulfide	2.55	76	152548	15.279	ug/l	99
18) Methyl Acetate	2.75	43	84733	18.524	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	208784	18.388	ug/l	99
20) Methylene Chloride	2.83	84	64918	16.927	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	60507	16.485	ug/l	97
22) Diisopropyl ether	3.82	45	197262	17.314	ug/l	92
23) Vinyl Acetate	3.78	43	859823	85.779	ug/l	98
24) 1,1-Dichloroethane	3.67	63	110360	17.316	ug/l	99
25) 2-Butanone	4.63	43	255289	85.158	ug/l	100
26) 2,2-Dichloropropane	4.55	77	97498	16.751	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	71437	17.803	ug/l	96
28) Bromochloromethane	4.98	49	51126	17.592	ug/l	95
29) Tetrahydrofuran	5.09	42	165701	83.419	ug/l	96
30) Chloroform	5.17	83	111646	17.594	ug/l	96
31) Cyclohexane	5.55	56	91569	15.809	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	98790	17.127	ug/l	98
36) 1,1-Dichloropropene	5.77	75	84666	17.238	ug/l	99
37) Ethyl Acetate	4.79	43	100038	17.574	ug/l	98
38) Carbon Tetrachloride	5.76	117	86696	17.367	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
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Quant Time: May 19 01:31:51 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)
39) Methylcyclohexane	7.44	83	83435	14.106	ug/l	99
40) Benzene	6.11	78	253339	17.629	ug/l	99
41) Methacrylonitrile	5.00	41	52478	17.070	ug/l	97
42) 1,2-Dichloroethane	6.16	62	88407	17.078	ug/l	98
43) Isopropyl Acetate	6.41	43	158546	17.456	ug/l	98
44) Trichloroethene	7.19	130	87156	17.071	ug/l	95
45) 1,2-Dichloropropane	7.49	63	66346	18.246	ug/l	100
46) Dibromomethane	7.64	93	43537	17.618	ug/l	97
47) Bromodichloromethane	7.87	83	90508	17.984	ug/l	99
48) Methyl methacrylate	7.74	41	74616	17.337	ug/l	95
49) 1,4-Dioxane	7.71	88	33733	326.812	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	501133	90.164	ug/l	99
52) Toluene	8.76	92	164045	18.314	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	105587	17.596	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	112382	17.930	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	66384	18.837	ug/l	99
56) Ethyl methacrylate	9.16	69	105911	18.411	ug/l	95
57) 1,3-Dichloropropane	9.35	76	115363	18.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	262479	85.707	ug/l	99
59) 2-Hexanone	9.47	43	380700	87.220	ug/l	97
60) Dibromochloromethane	9.57	129	72752	18.744	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70742	18.532	ug/l	99
64) Tetrachloroethene	9.32	164	99676	17.873	ug/l	97
65) Chlorobenzene	10.12	112	174007	18.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	67054	19.072	ug/l	99
67) Ethyl Benzene	10.23	91	305367	17.992	ug/l	100
68) m/p-Xylenes	10.34	106	232562	36.574	ug/l	99
69) o-Xylene	10.68	106	111551	18.250	ug/l	99
70) Styrene	10.70	104	188079	18.138	ug/l	99
71) Bromoform	10.84	173	55163	19.258	ug/l #	100
73) Isopropylbenzene	11.00	105	288261	17.157	ug/l	100
74) N-amyl acetate	10.88	43	132789	16.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	66499	22.444	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	94736m	18.073	ug/l	
77) Bromobenzene	11.24	156	78136	18.017	ug/l	96
78) n-propylbenzene	11.34	91	325988	16.678	ug/l	100
79) 2-Chlorotoluene	11.40	91	199782	17.316	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	237325	16.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38004	17.277	ug/l	97
82) 4-Chlorotoluene	11.49	91	236868	17.385	ug/l	99
83) tert-Butylbenzene	11.76	119	195993	16.031	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	241827	16.861	ug/l	100
85) sec-Butylbenzene	11.93	105	244552	14.815	ug/l	100
86) p-Isopropyltoluene	12.05	119	229595	14.981	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	136212	17.492	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	138171	17.482	ug/l	98
89) n-Butylbenzene	12.37	91	190073	13.576	ug/l	100
90) Hexachloroethane	12.58	117	37952	14.419	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	132002	17.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22565	16.333	ug/l	94

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Manual Integrations
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Quant Time: May 19 01:31:51 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)
93) 1,2,4-Trichlorobenzene	13.63	180	87977	15.848	ug/l	98
94) Hexachlorobutadiene	13.77	225	33068	14.213	ug/l	98
95) Naphthalene	13.82	128	311881	17.351	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	85169	15.699	ug/l	99

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

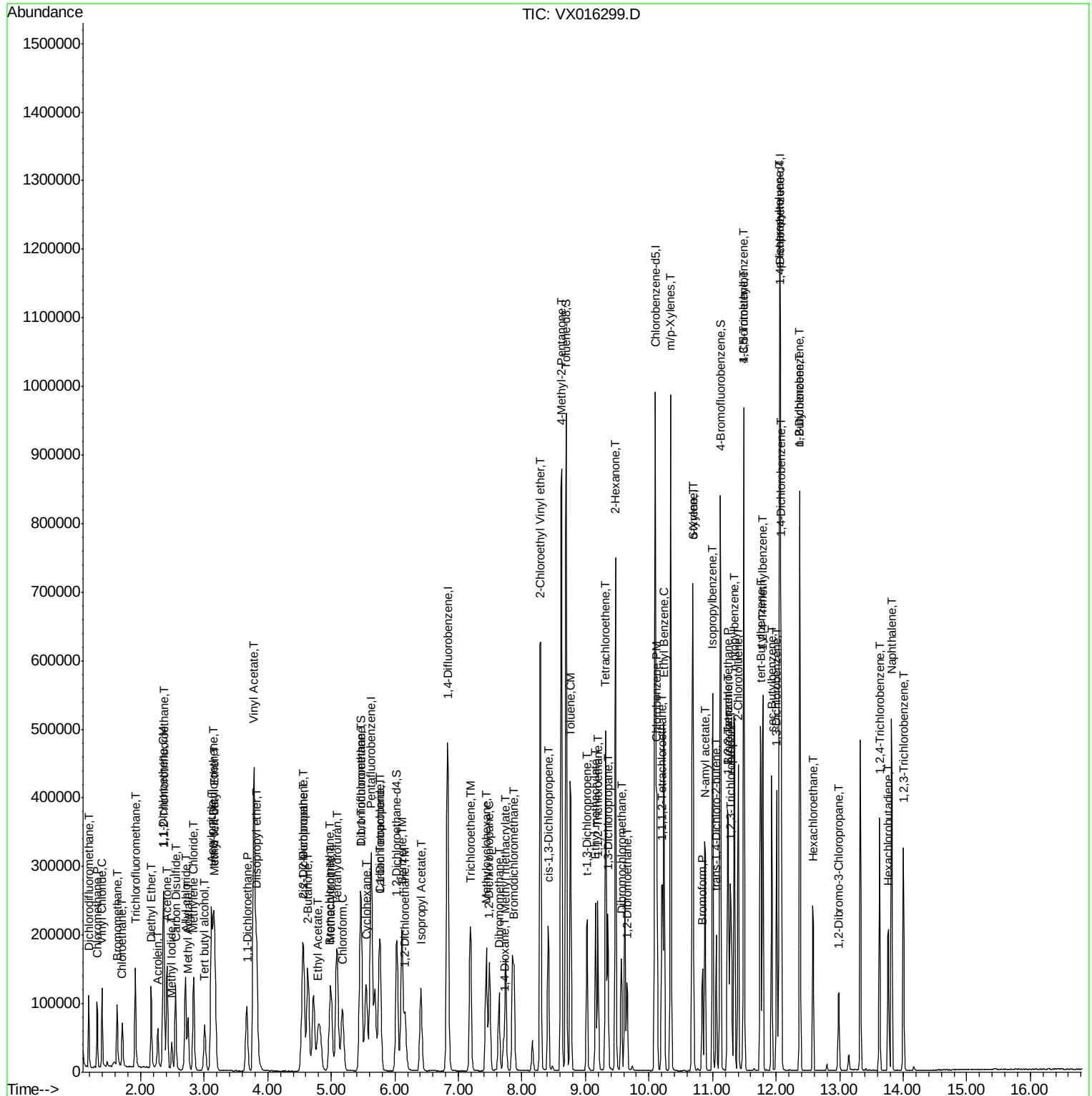
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 Data File : VX016299.D
 Acq On : 18 May 2020 15:25
 Operator : JC/SP
 Sample : VX0518WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

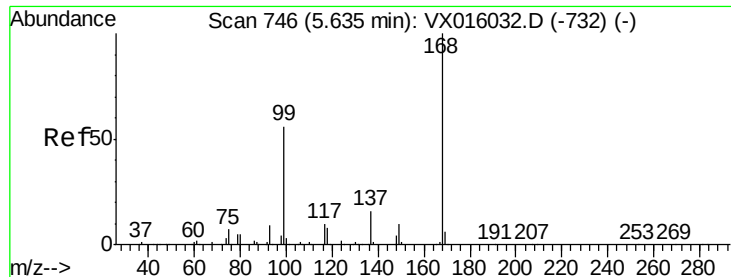
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0518WBSD01

Manual Integrations
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MMDadoda
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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion:168 Resp: 316853

Ion Ratio Lower Upper

168 100

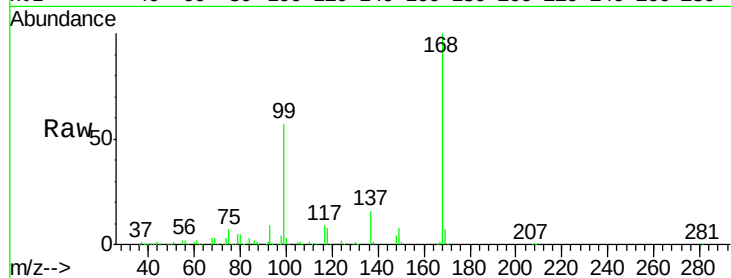
99 57.0 45.0 67.4

Manual Integrations

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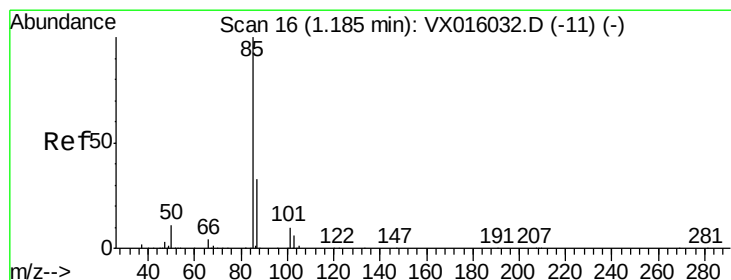
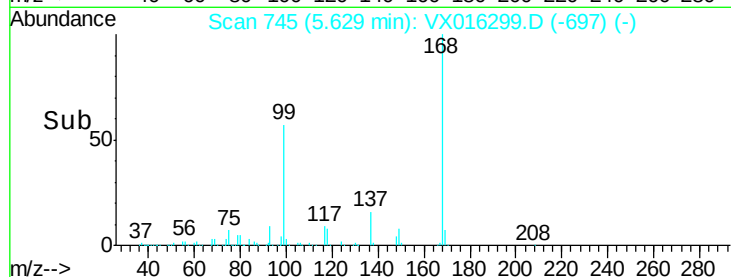
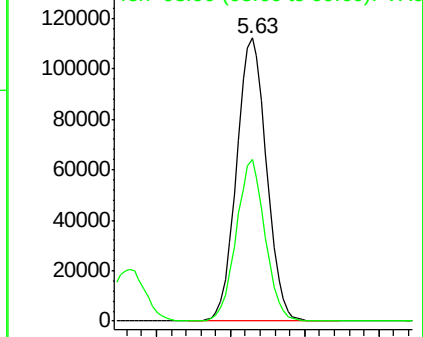
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.435 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016299.D

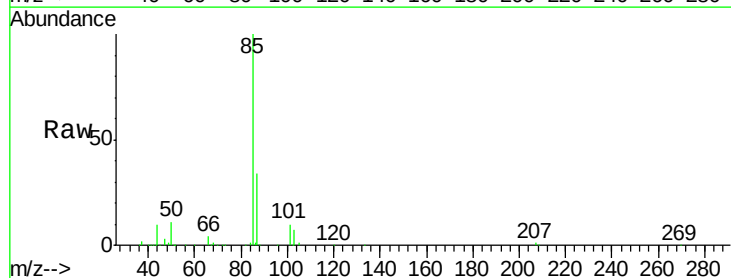
Acq: 18 May 2020 15:25

Tgt Ion: 85 Resp: 55121

Ion Ratio Lower Upper

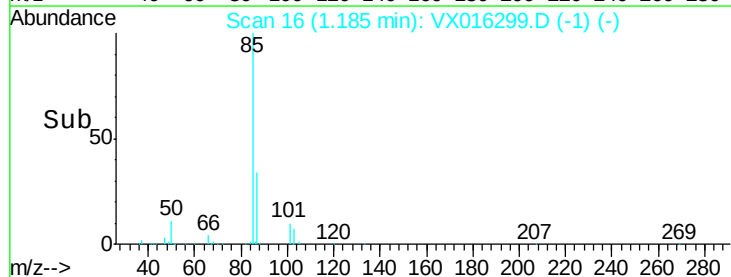
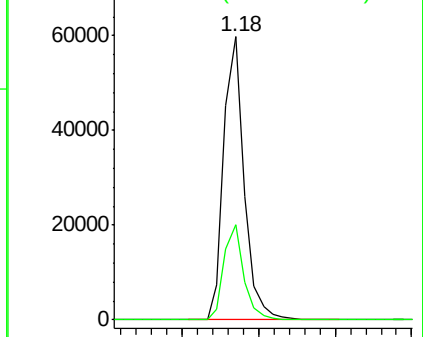
85 100

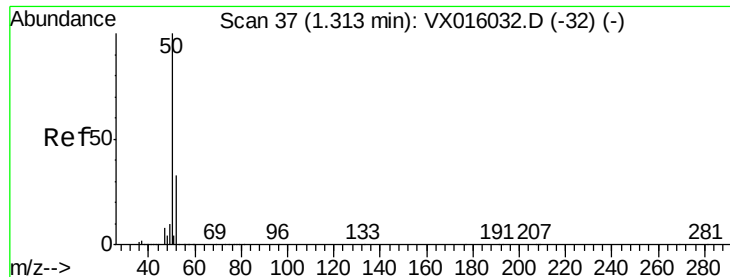
87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.956 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 50 Resp: 58252

Ion Ratio Lower Upper

50 100

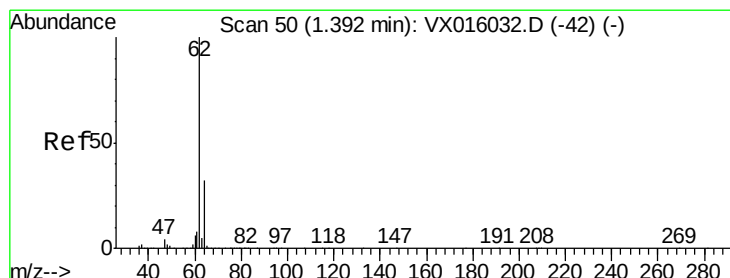
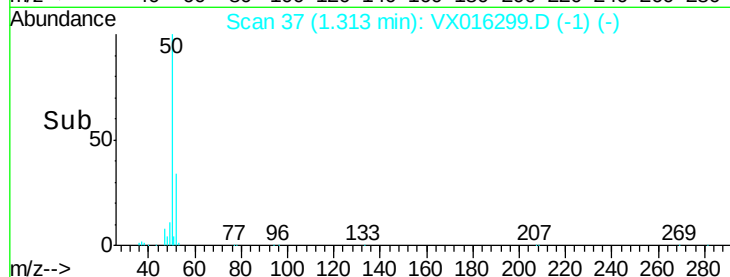
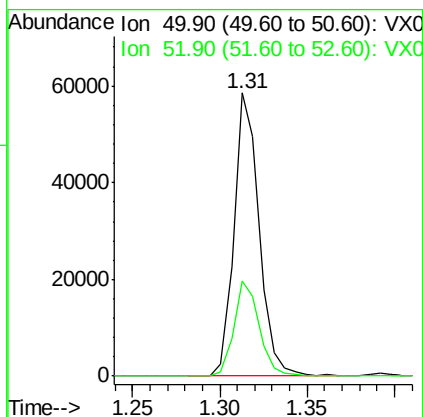
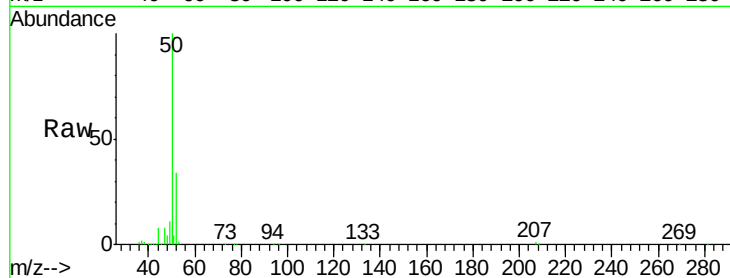
52 33.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.866 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016299.D

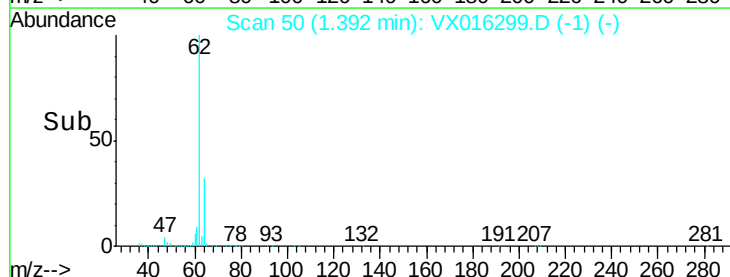
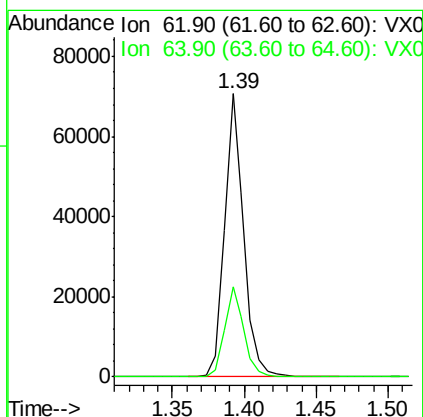
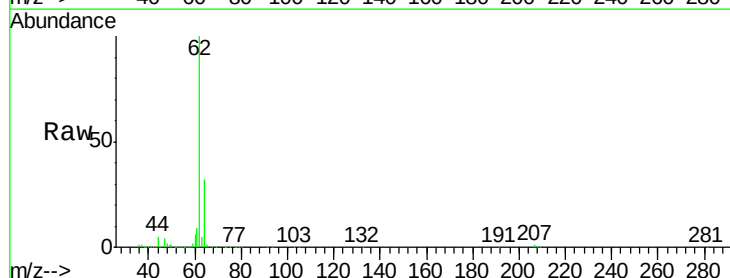
Acq: 18 May 2020 15:25

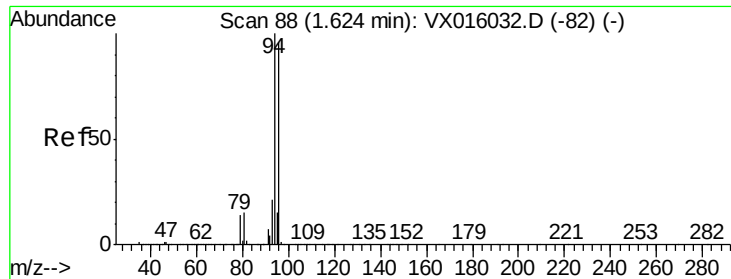
Tgt Ion: 62 Resp: 65932

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 18.800 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tot Ion: 94 Resp: 39385

Ion Ratio Lower Upper

94 100

96 95.4 76.9 115.3

Instrument :

MSVOA_X

ClientSampleId :

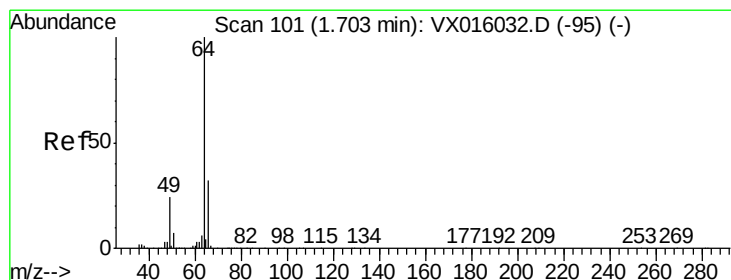
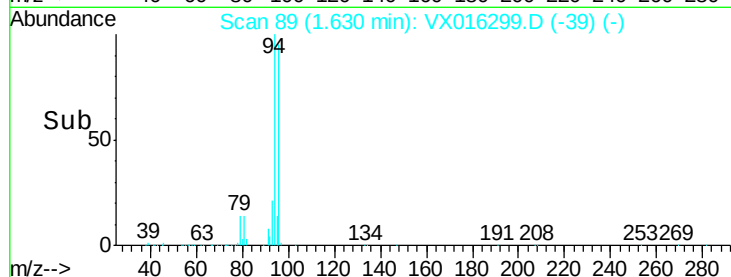
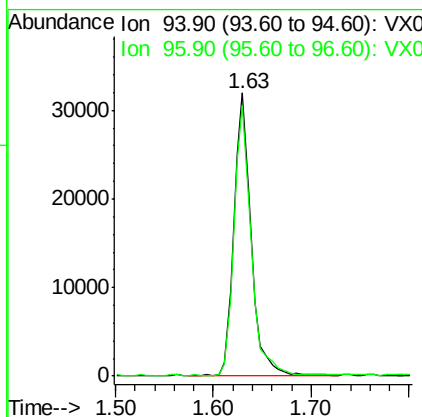
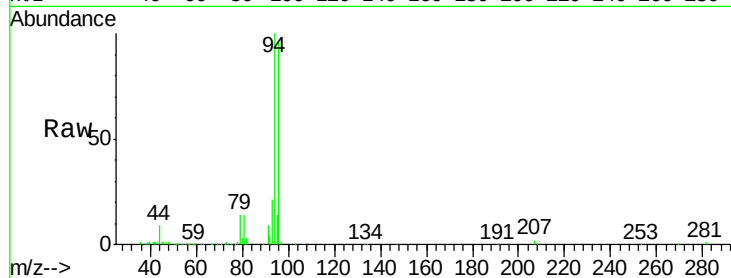
VX0518WBSD01

Manual Integrations

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#6

Chloroethane

Concen: 16.740 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016299.D

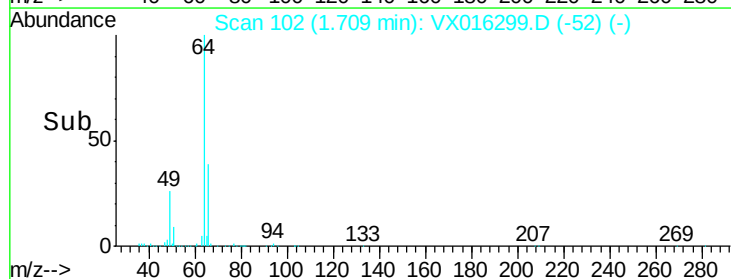
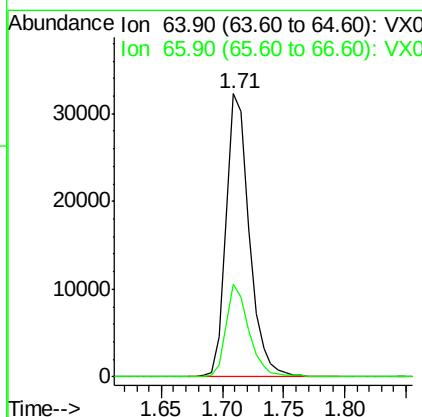
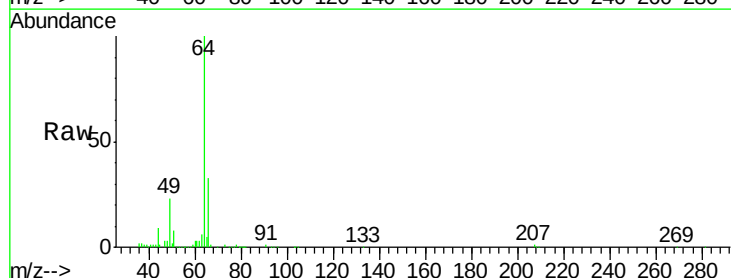
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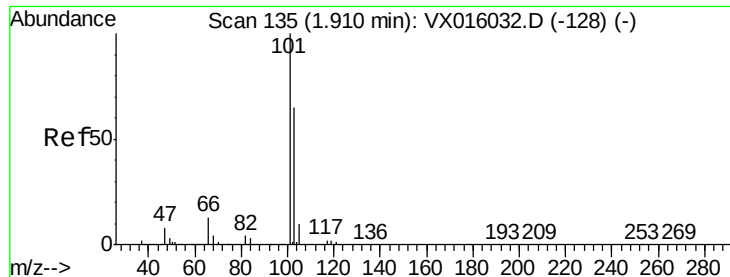
Tgt Ion: 64 Resp: 42325

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8





#7

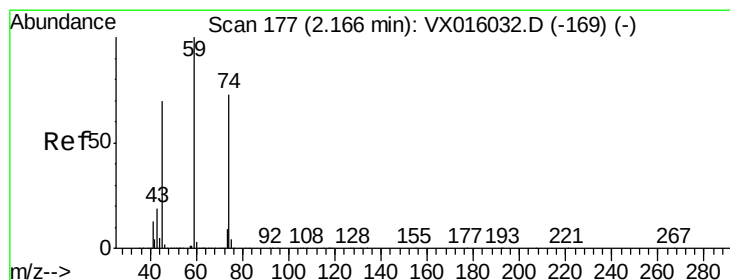
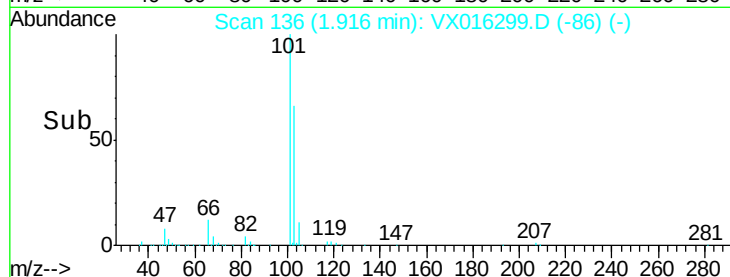
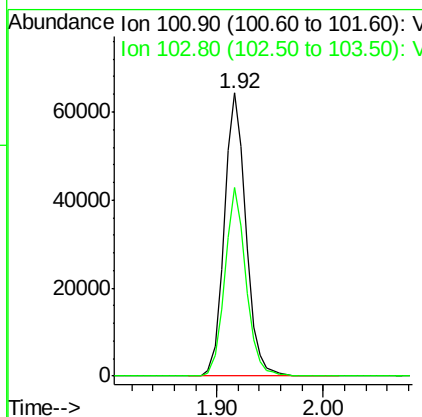
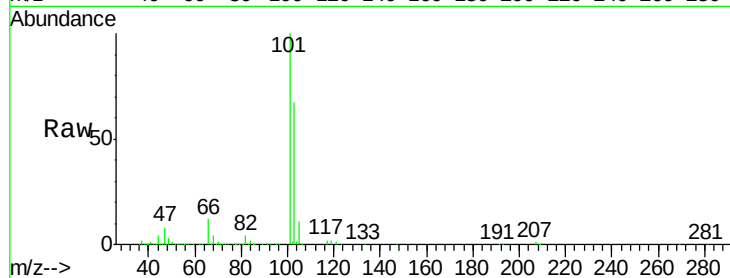
Trichlorofluoromethane
 Concen: 16.749 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.8	77.6

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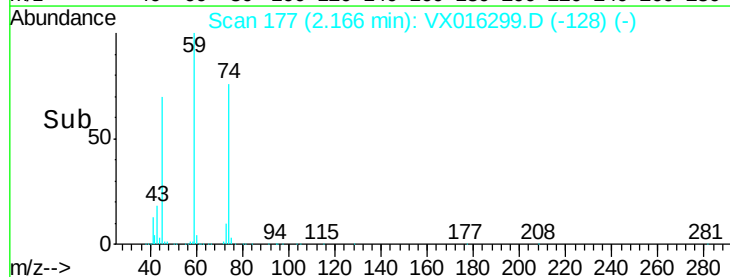
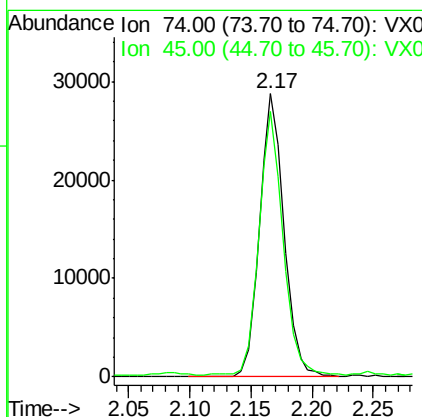
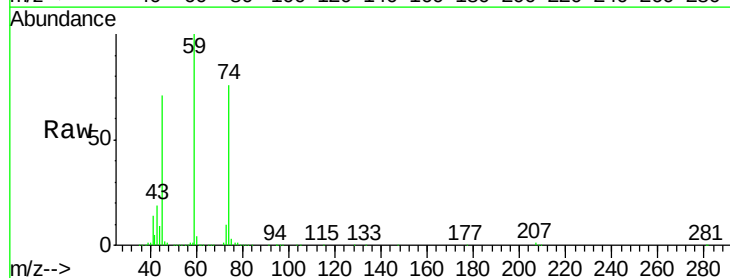
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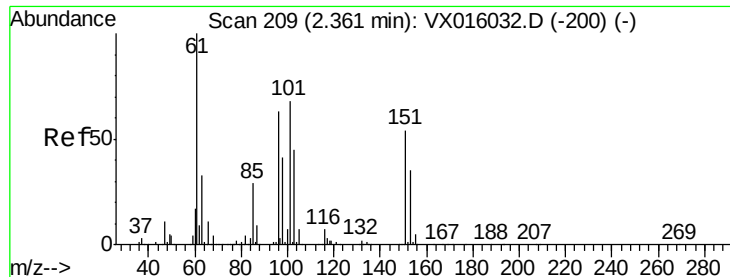


#8

Diethyl Ether
 Concen: 17.524 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.405 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

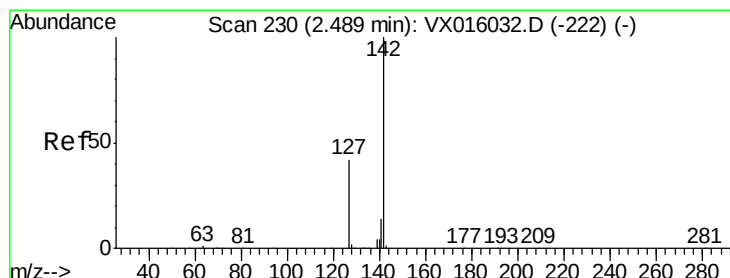
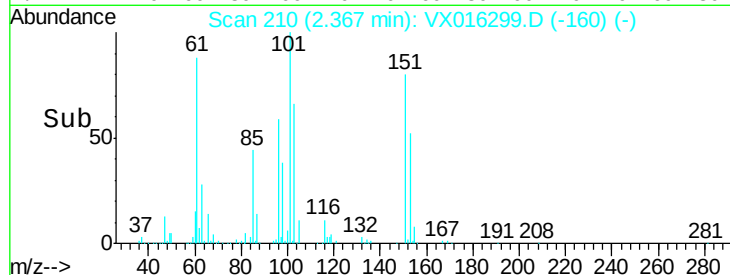
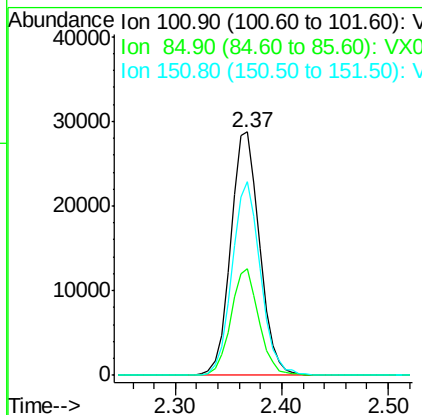
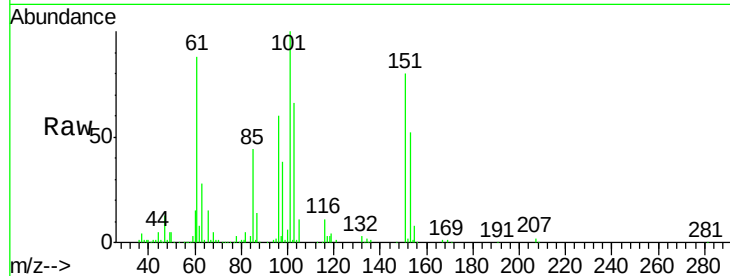
ClientSampleId :

VX0518WBSD01

Tot Ion:	101	Resp:	54783
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.4
151	78.4	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 9.867 ug/l

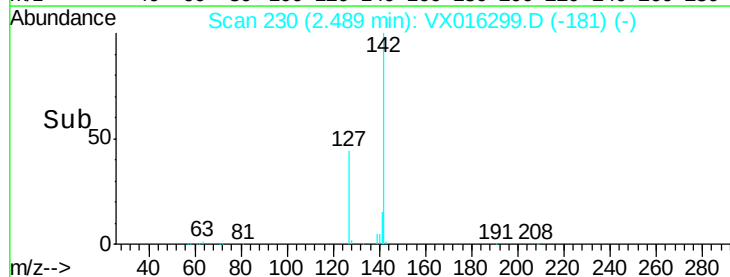
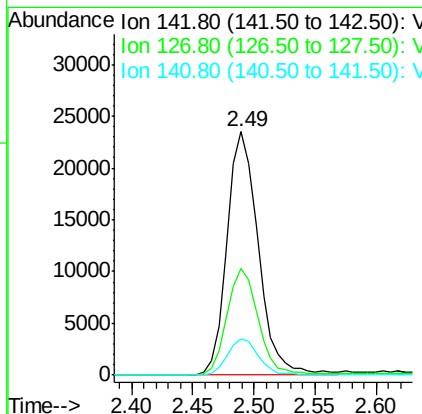
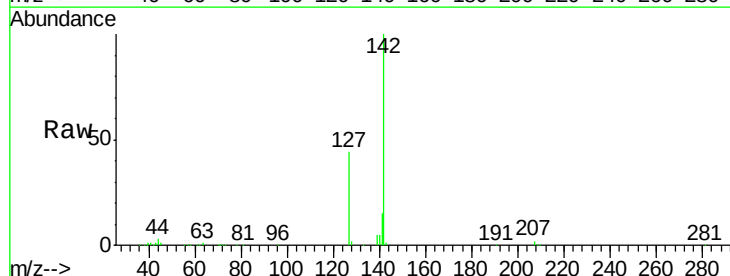
RT: 2.49 min Scan# 230

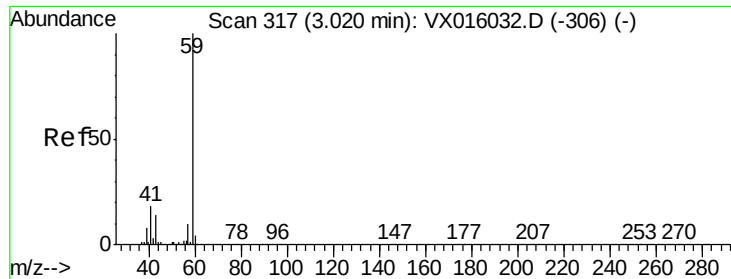
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion:	142	Resp:	41714
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.6	52.0
141	14.9	11.3	16.9





#11

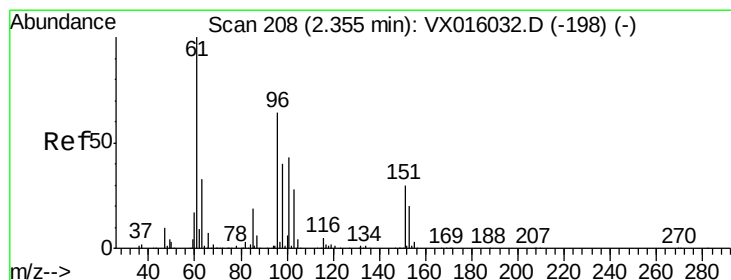
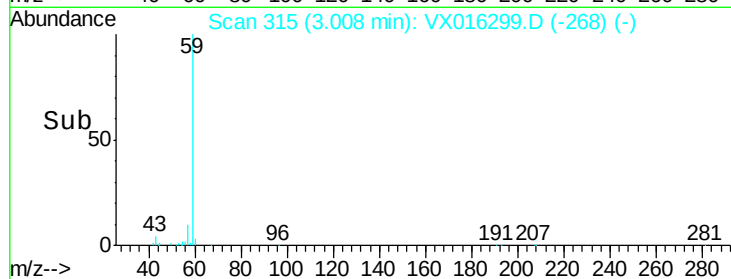
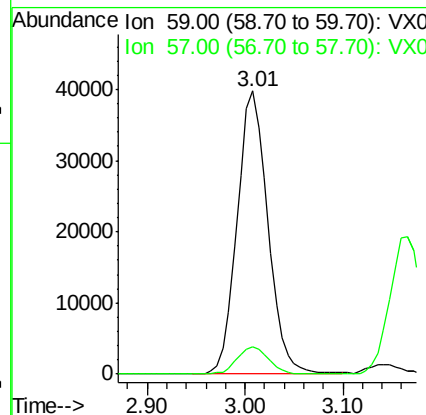
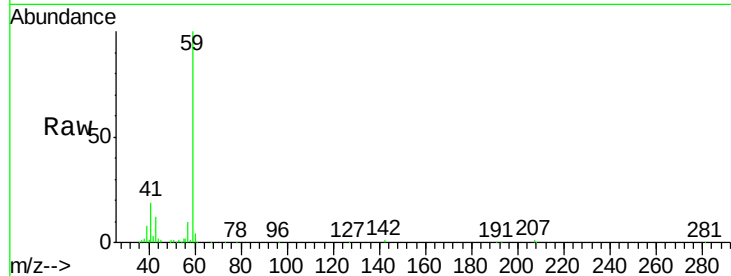
Tert butyl alcohol
Concen: 82.727 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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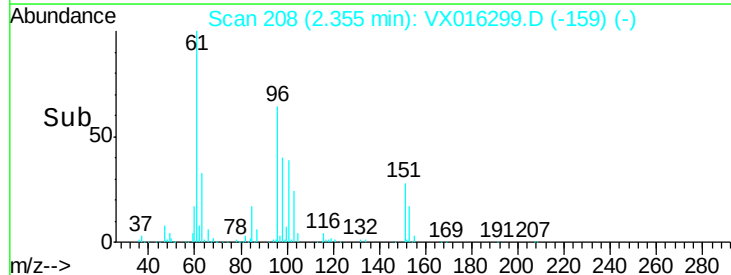
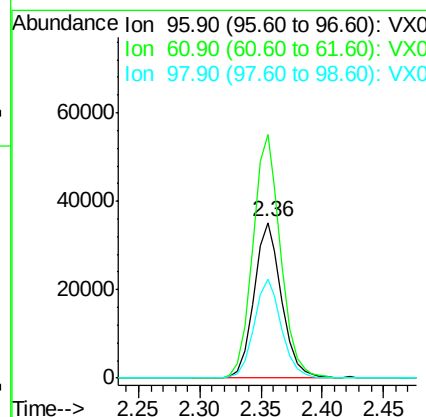
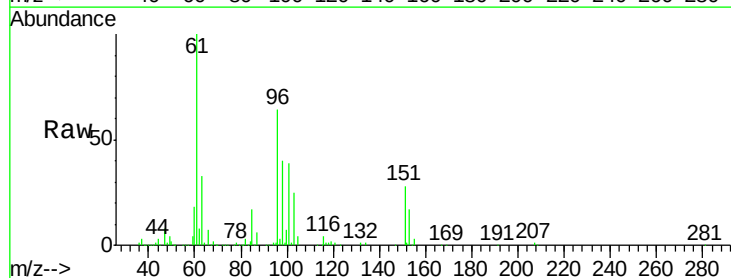
MMDadoda
5/19/2020 1:38:49 PM

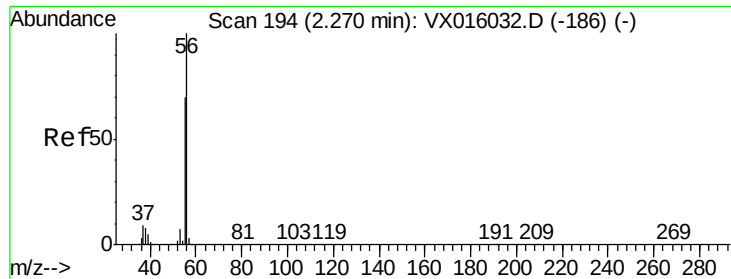


#12

1,1-Dichloroethene
Concen: 16.648 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	124.8	187.2
98	63.3	49.7	74.5





#13

Acrolein

Concen: 59.917 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 56 Resp: 39532

Ion Ratio Lower Upper

56 100

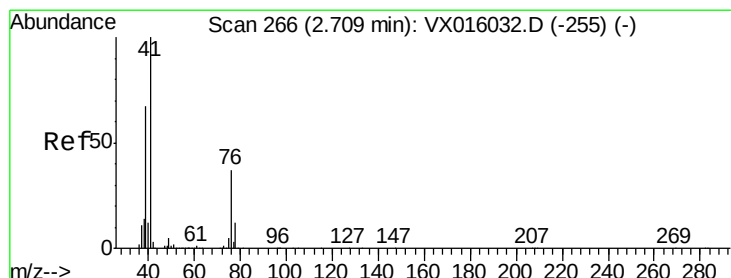
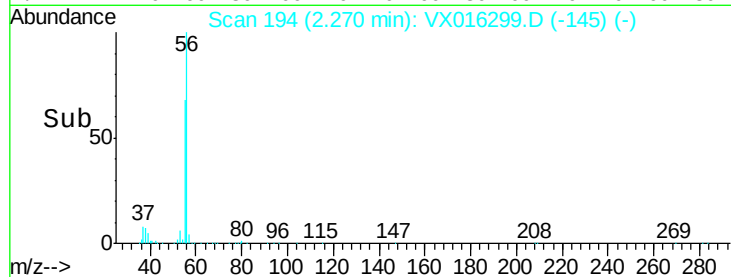
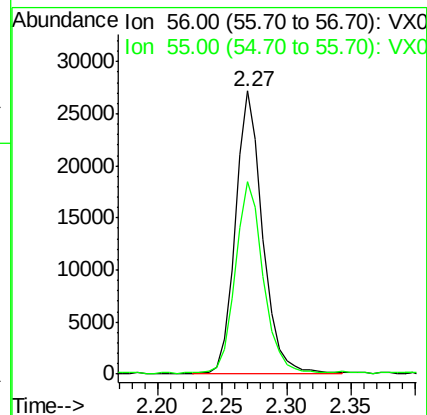
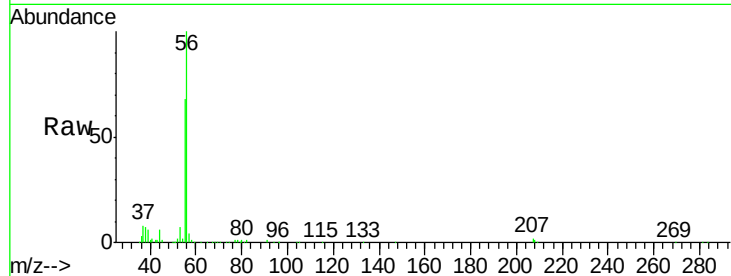
55 70.4 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 16.400 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

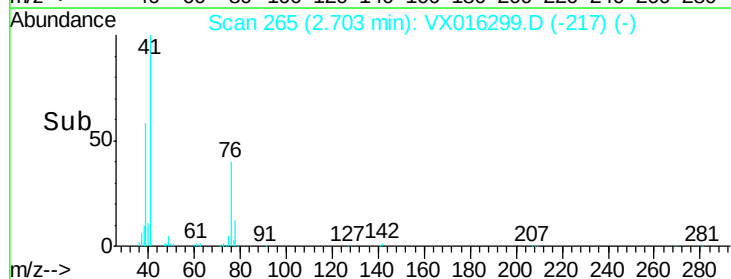
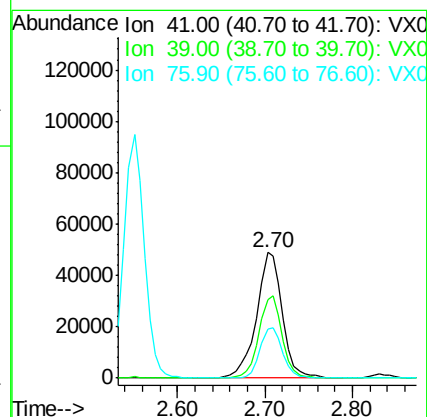
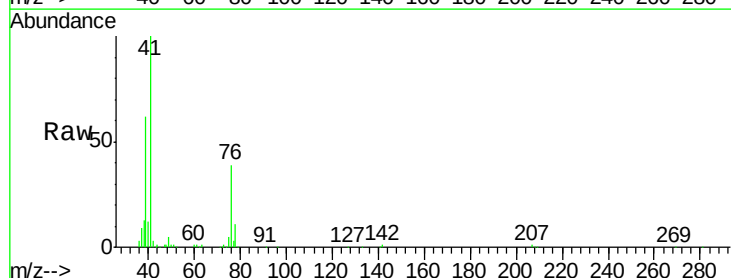
Tgt Ion: 41 Resp: 99044

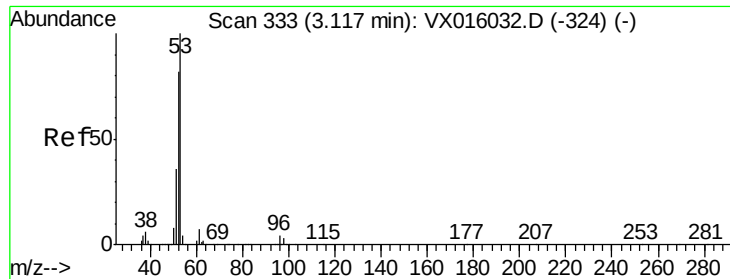
Ion Ratio Lower Upper

41 100

39 59.6 50.5 75.7

76 35.3 26.6 40.0





#15

Acrylonitrile

Concen: 87.138 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

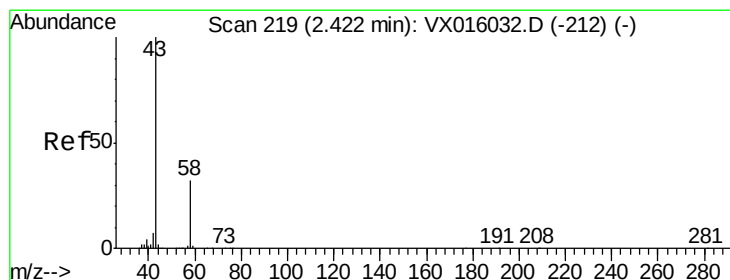
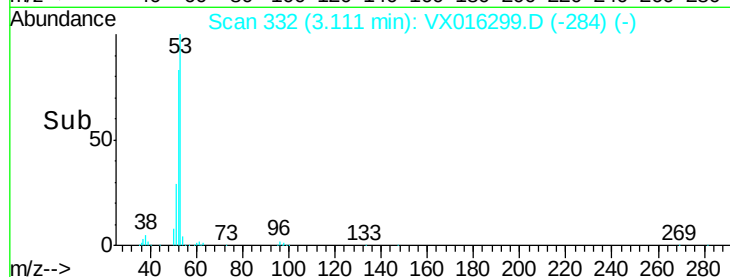
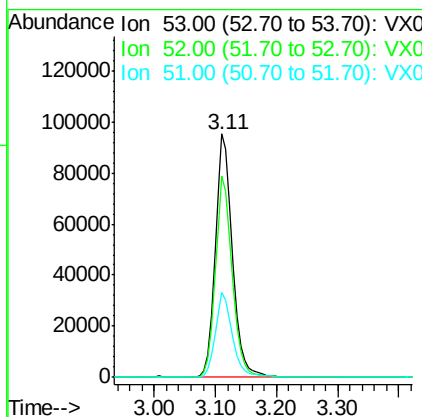
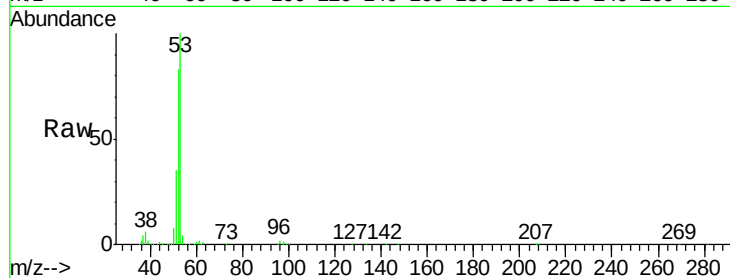
ClientSampleId :

VX0518WBSD01

Tot Ion:	53	Resp:	190593
Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.1	99.1
51	35.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 82.172 ug/l

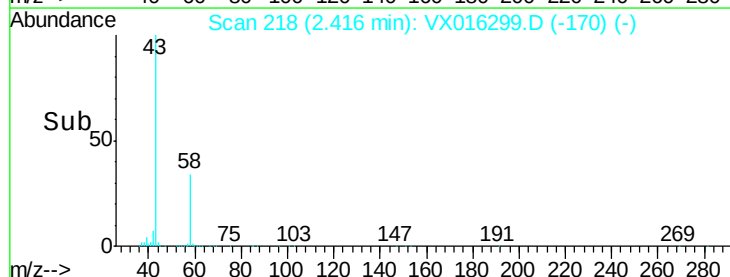
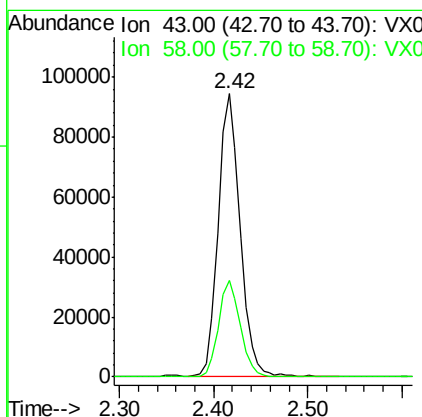
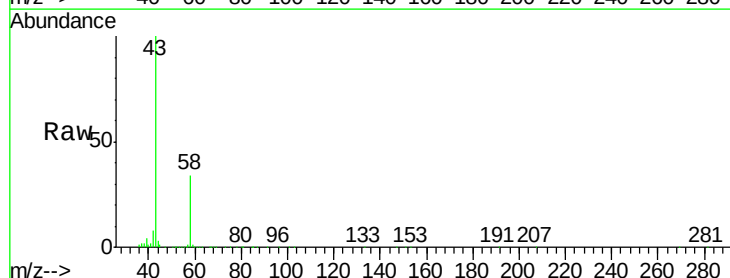
RT: 2.42 min Scan# 218

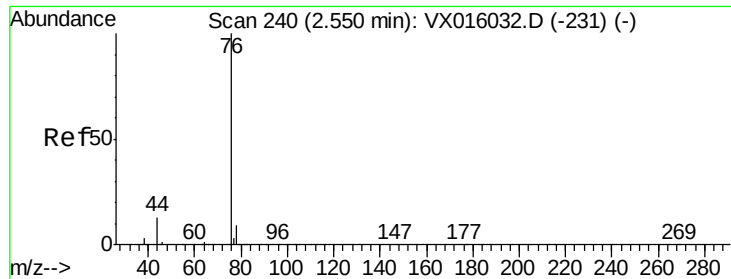
Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion:	43	Resp:	152870
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.4	38.0





#17

Carbon Disulfide

Concen: 15.279 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 76 Resp: 152548

Ion Ratio Lower Upper

76 100

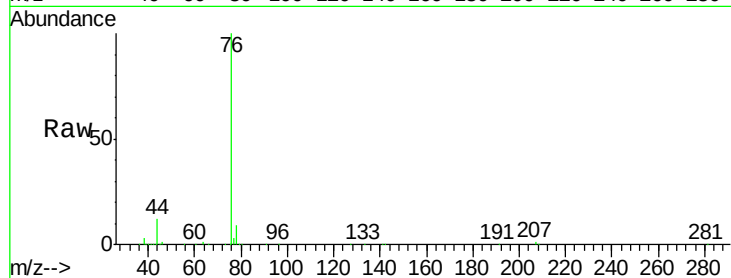
78 9.1 7.5 11.3

Manual Integrations

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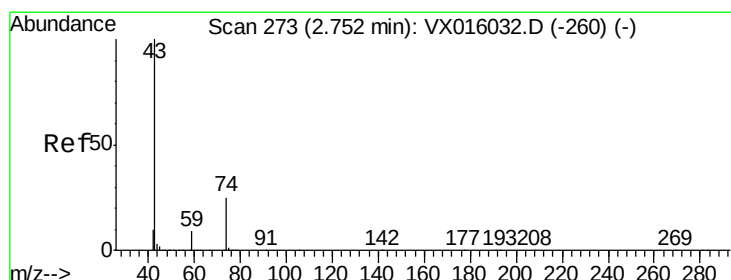
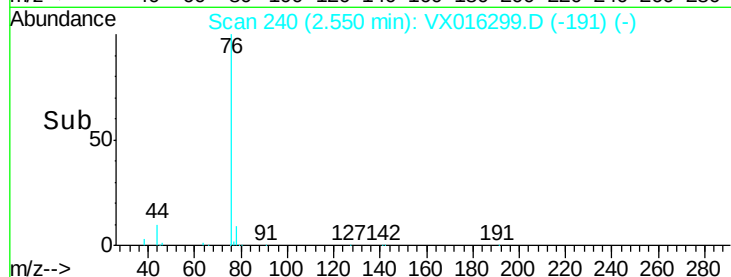
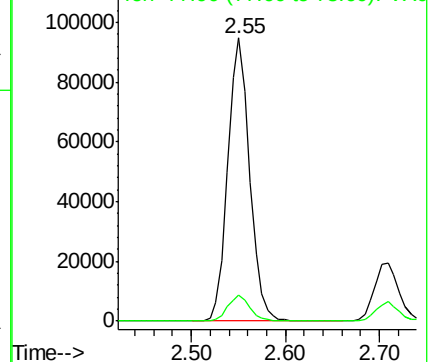
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.524 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016299.D

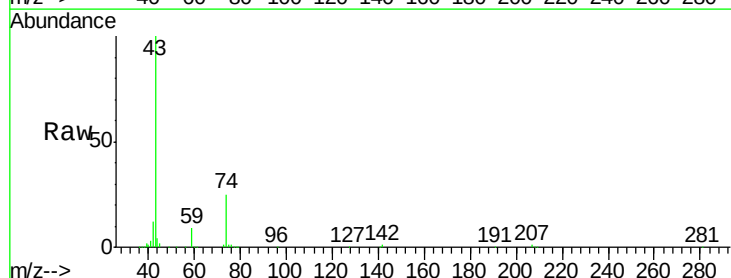
Acq: 18 May 2020 15:25

Tgt Ion: 43 Resp: 84733

Ion Ratio Lower Upper

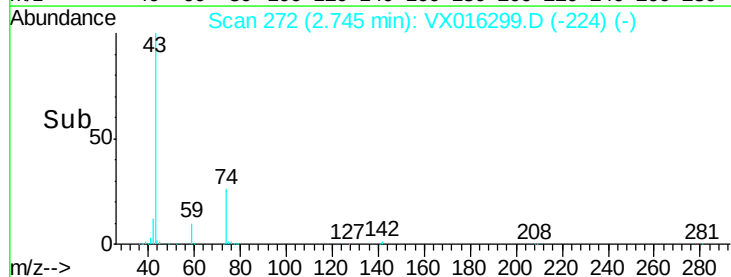
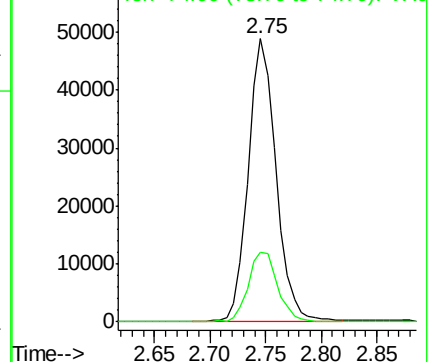
43 100

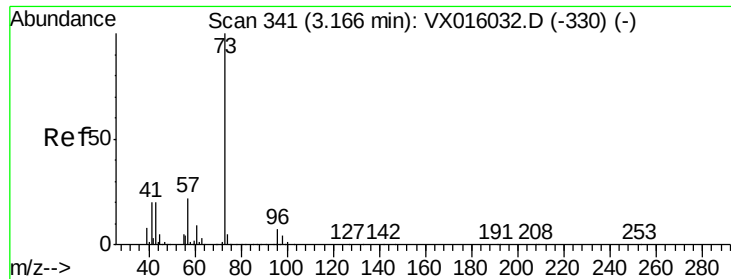
74 26.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





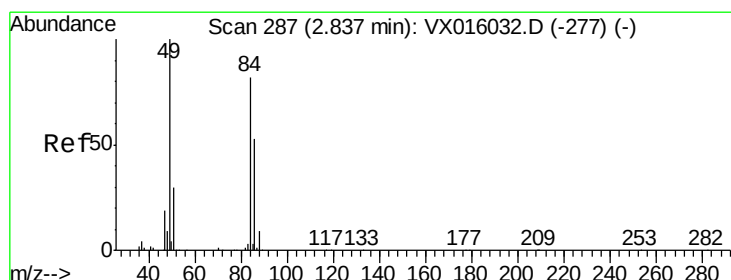
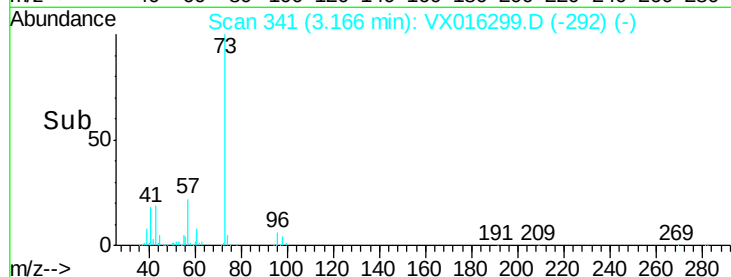
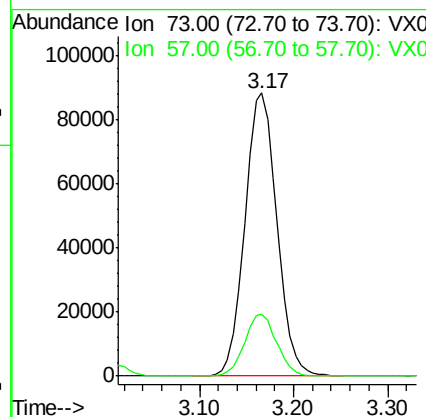
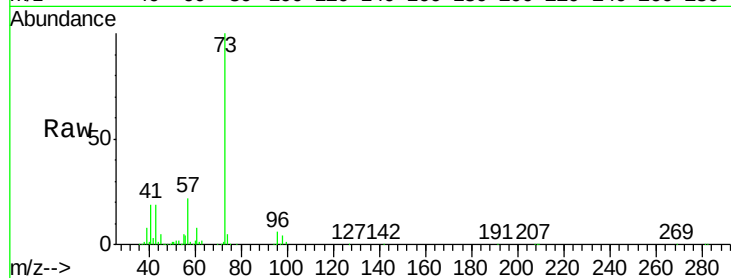
#19
Methyl tert-butyl Ether
Concen: 18.388 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

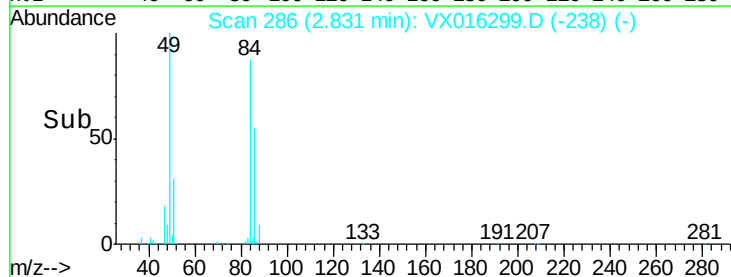
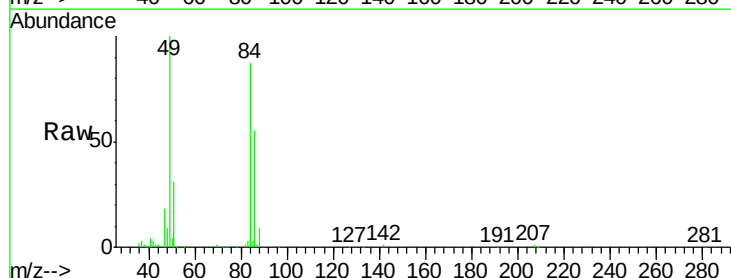
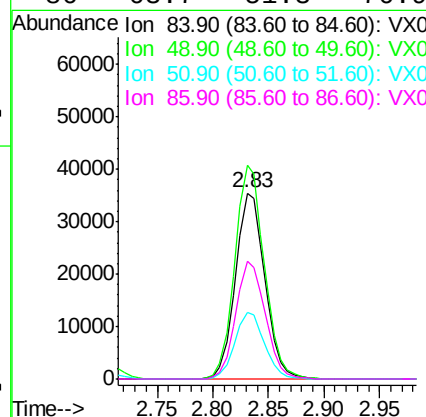
Manual Integrations
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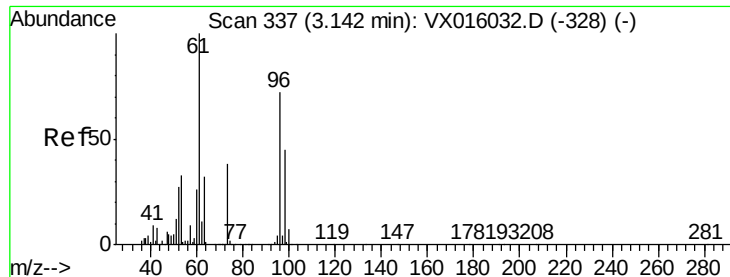
MMDadoda
5/19/2020 1:38:49 PM



#20
Methylene Chloride
Concen: 16.927 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.0	97.3	145.9
51	35.8	29.3	43.9
86	63.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 16.485 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

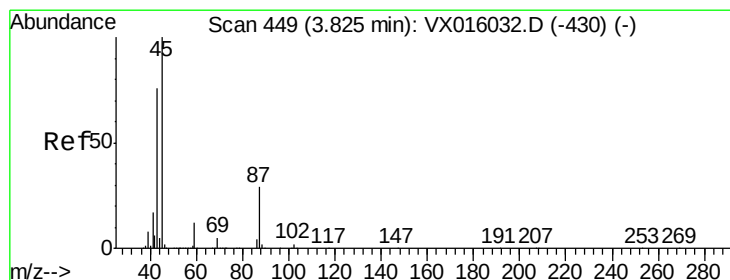
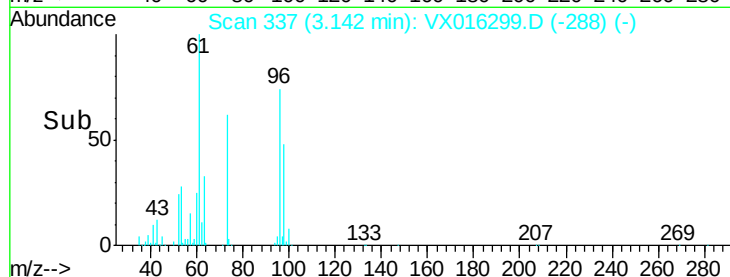
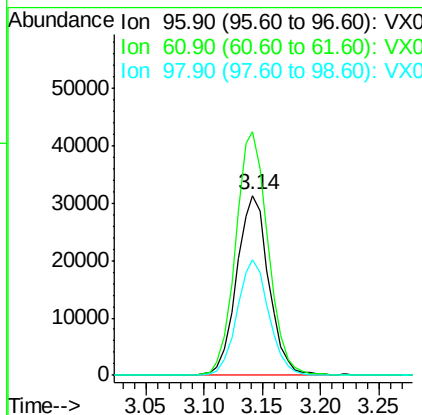
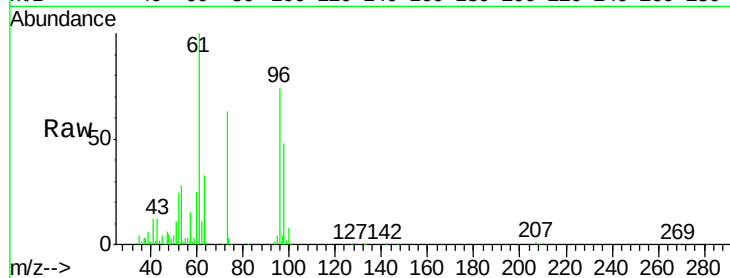
ClientSampleId :

VX0518WBSD01

Tot Ion:	96	Resp:	60507
Ion Ratio	Lower	Upper	
96	100		
61	135.4	111.2	166.8
98	64.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.314 ug/l

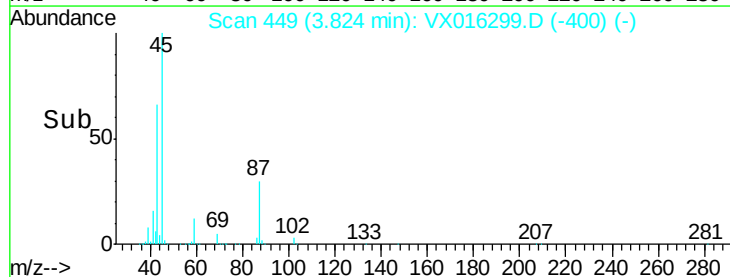
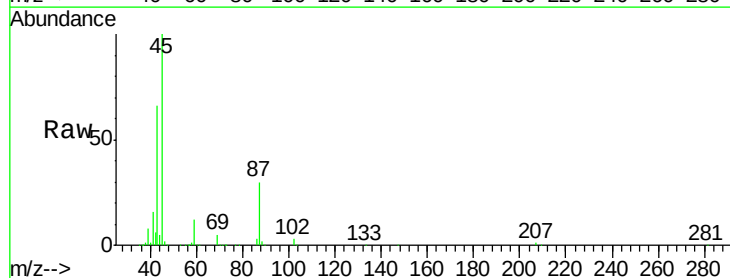
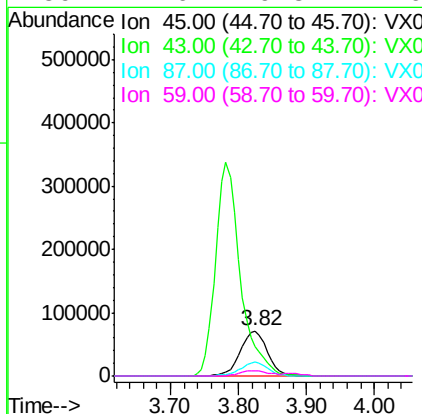
RT: 3.82 min Scan# 449

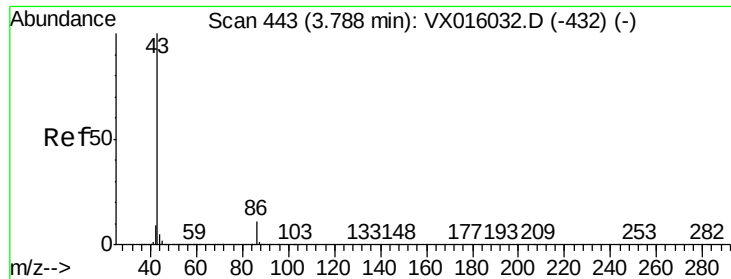
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion:	45	Resp:	197262
Ion Ratio	Lower	Upper	
45	100		
43	66.2	61.1	91.7
87	29.9	23.0	34.6
59	11.6	9.8	14.6





#23

Vinyl Acetate

Concen: 85.779 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 43 Resp: 859823

Ion Ratio Lower Upper

43 100

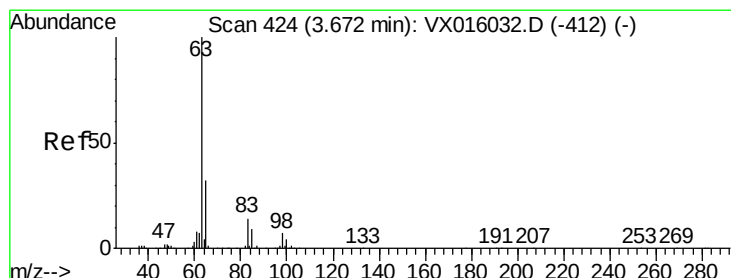
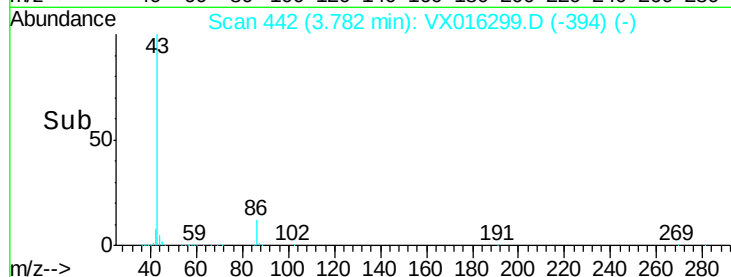
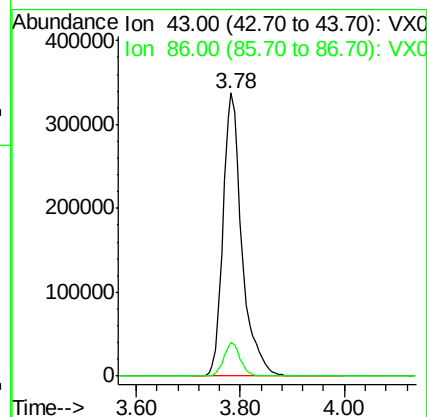
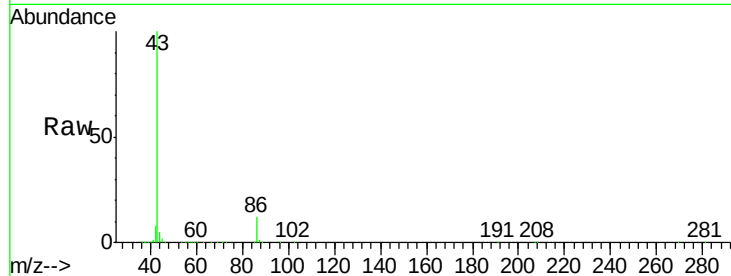
86 11.9 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.316 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

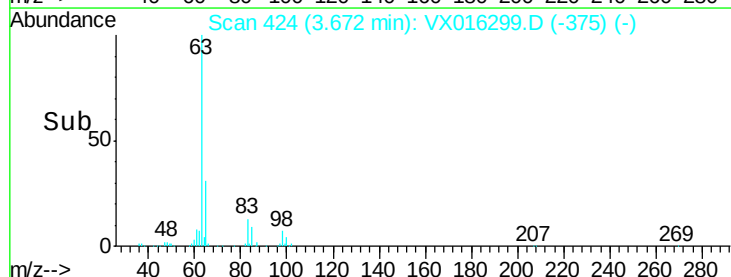
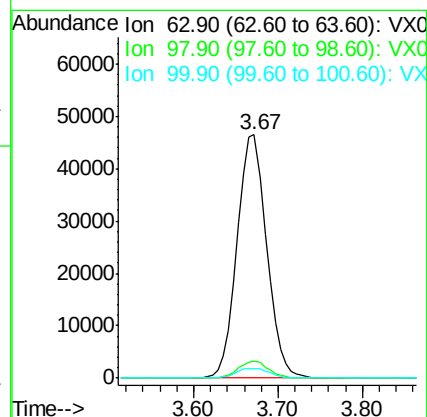
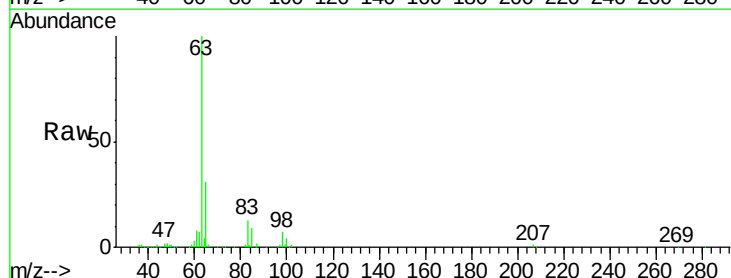
Tgt Ion: 63 Resp: 110360

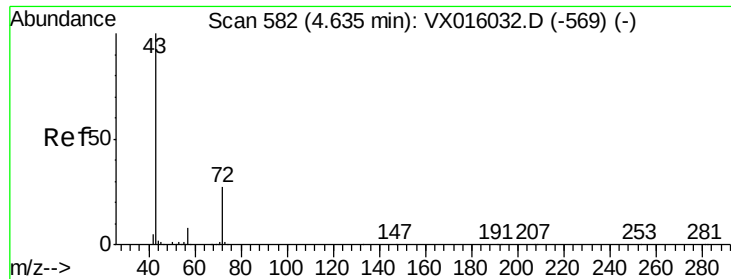
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.0 2.1 6.5





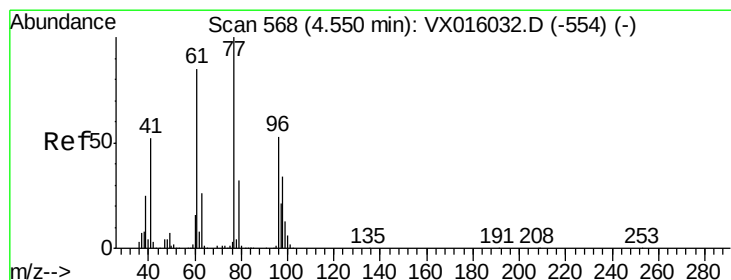
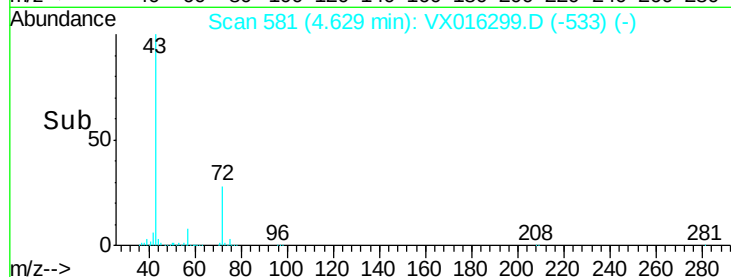
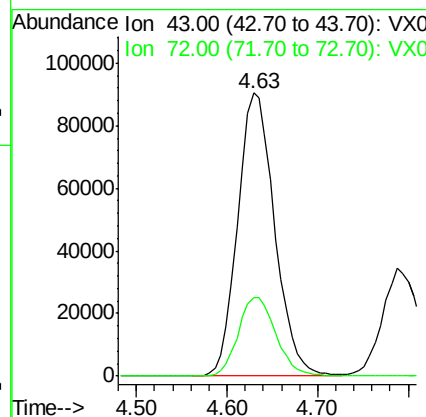
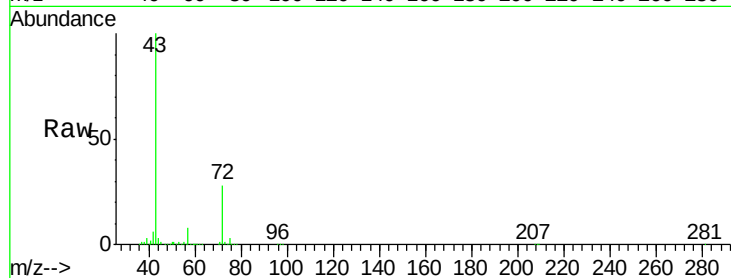
#25
2-Butanone
Concen: 85.158 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion: 43 Resp: 255289
Ion Ratio Lower Upper
43 100
72 27.5 21.8 32.8

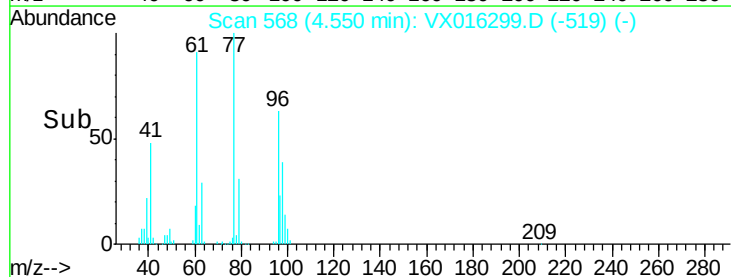
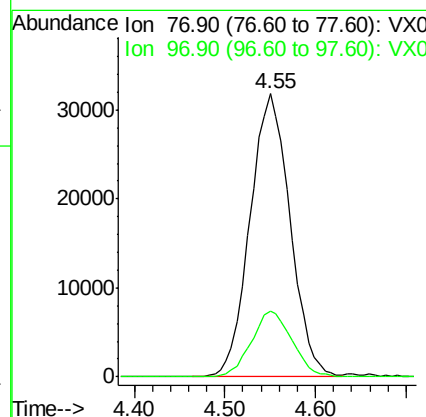
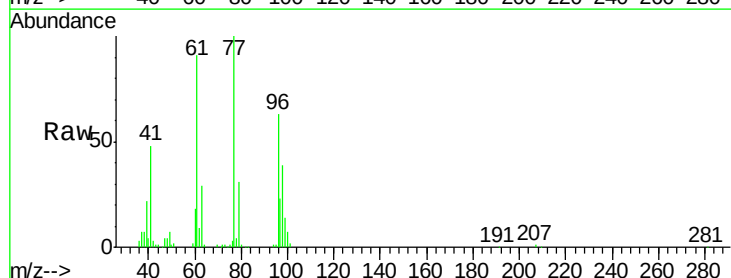
Manual Integrations
APPROVED

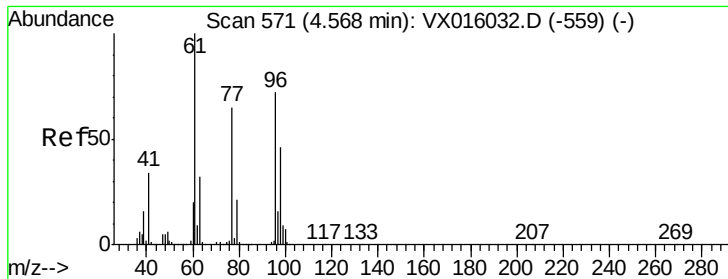
MMDadoda
5/19/2020 1:38:49 PM



#26
2,2-Dichloropropane
Concen: 16.751 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 77 Resp: 97498
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27

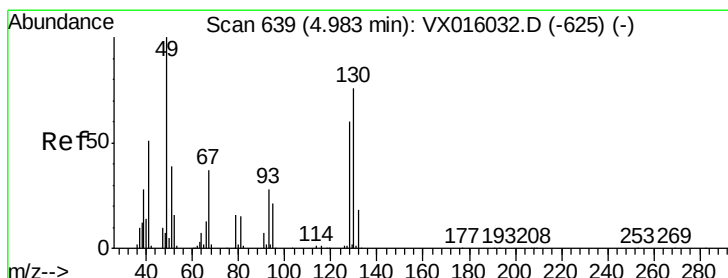
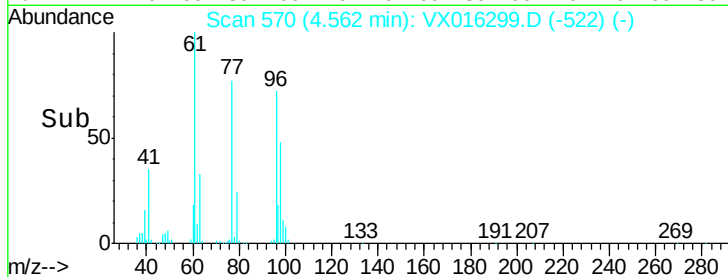
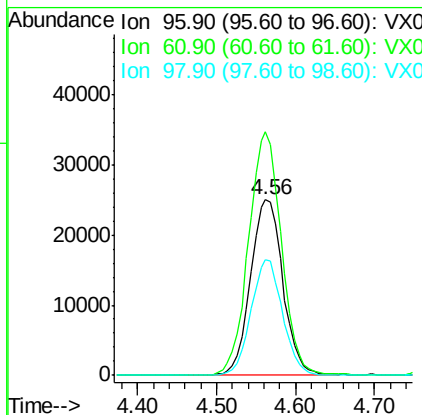
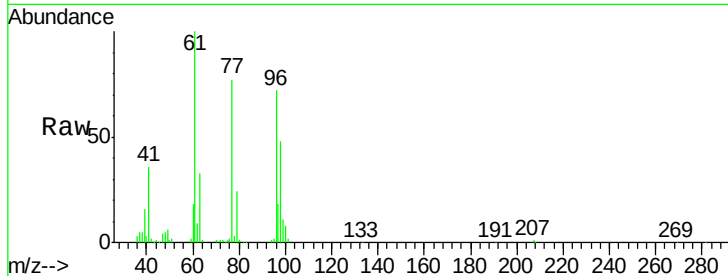
cis-1,2-Dichloroethene
Concen: 17.803 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	296.2
98	64.2	0.0	129.4

Manual Integrations
APPROVED

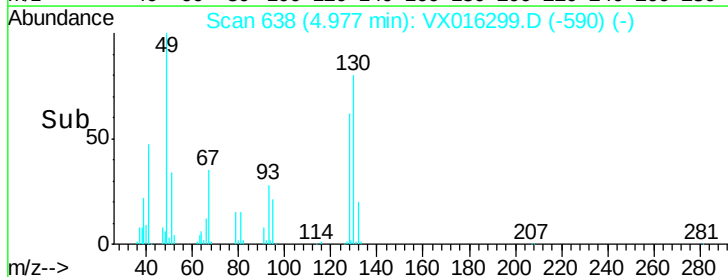
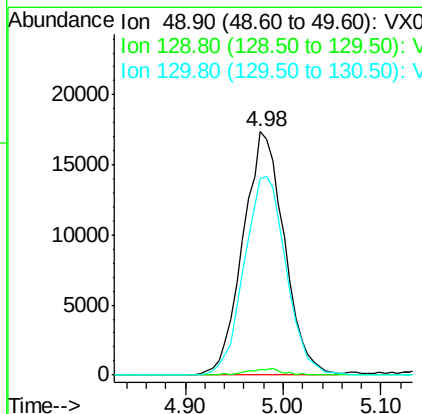
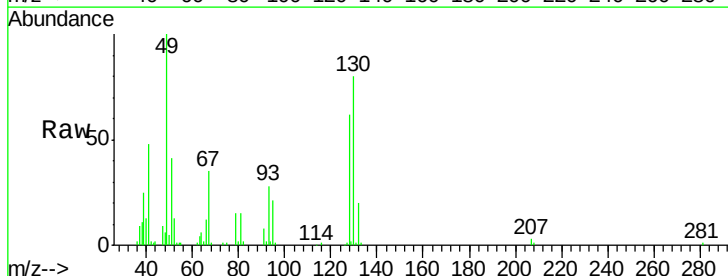
MMDadoda
5/19/2020 1:38:49 PM

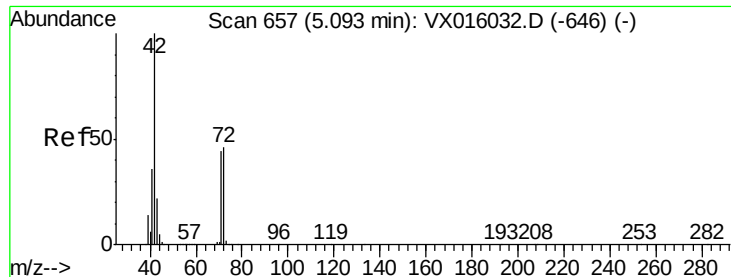


#28

Bromochloromethane
Concen: 17.592 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	82.7	62.4	93.6





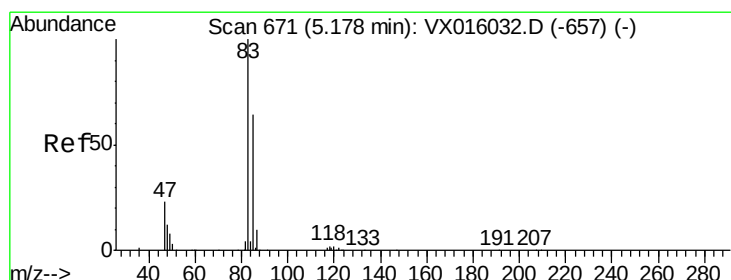
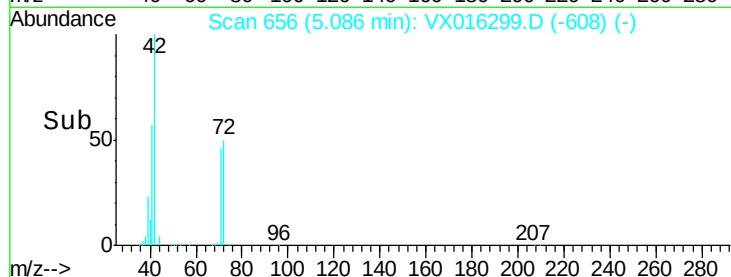
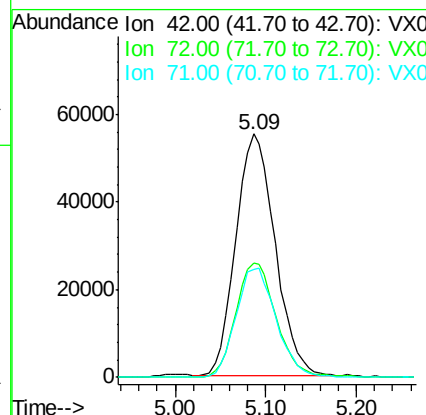
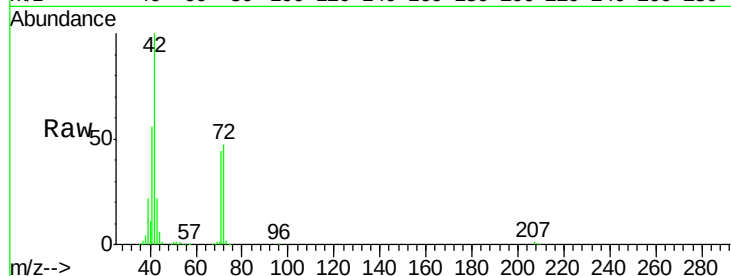
#29
Tetrahydrofuran
Concen: 83.419 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	37.1	55.7
71	46.2	34.5	51.7

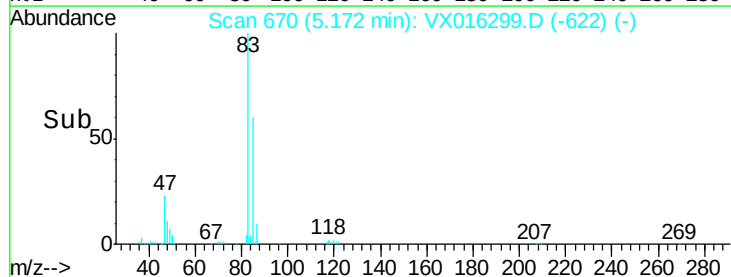
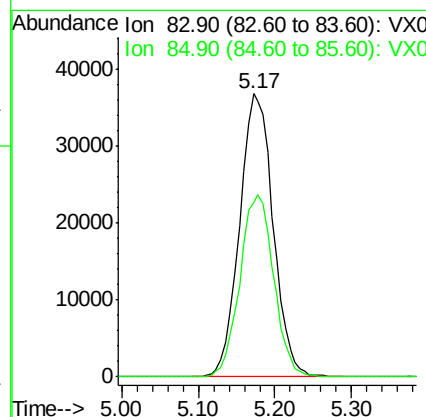
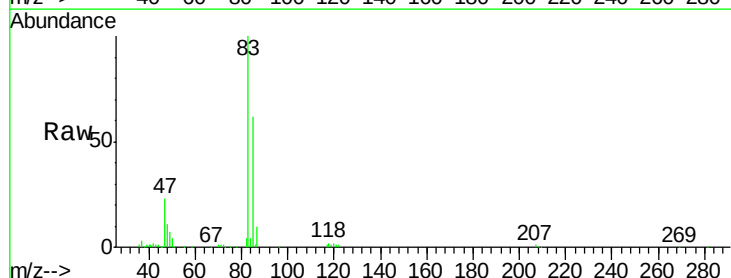
Manual Integrations
APPROVED

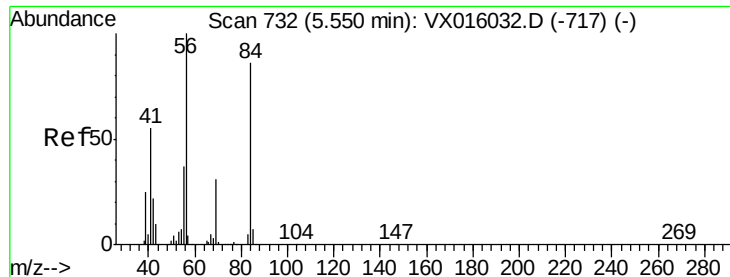
MMDadoda
5/19/2020 1:38:49 PM



#30
Chloroform
Concen: 17.594 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.6	77.4





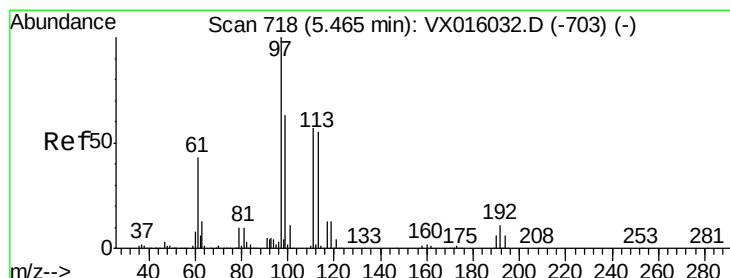
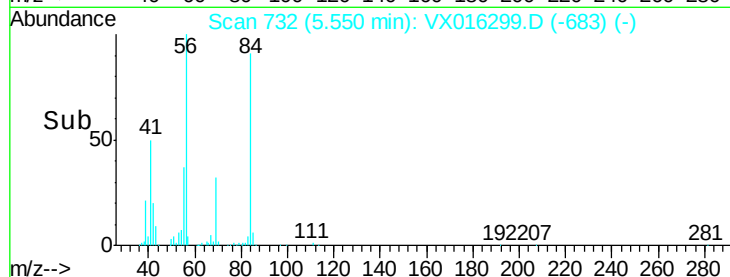
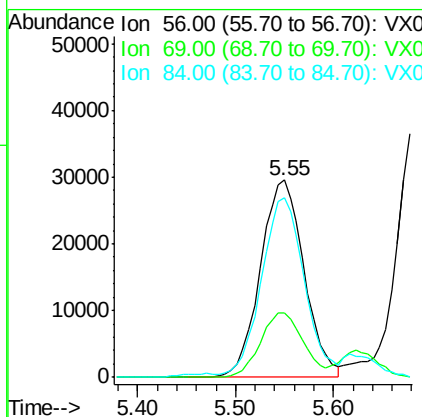
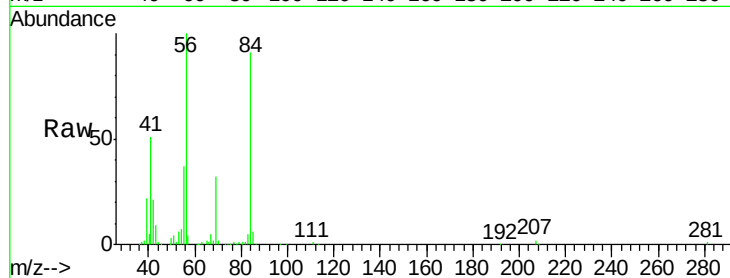
#31
Cyclohexane
Concen: 15.809 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.0	37.6
84	89.2	69.0	103.6

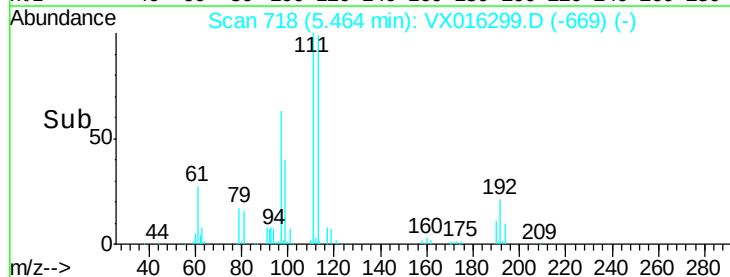
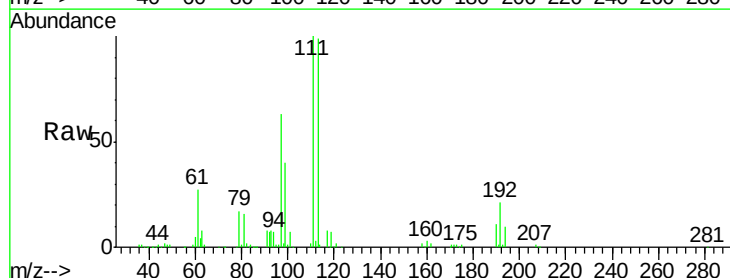
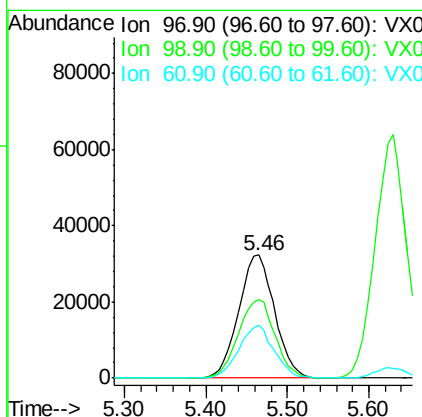
Manual Integrations
APPROVED

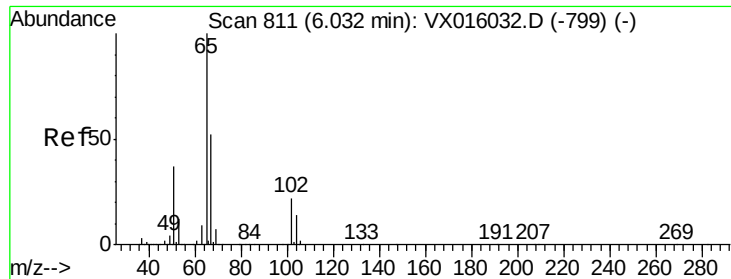
MMDadoda
5/19/2020 1:38:49 PM



#32
1,1,1-Trichloroethane
Concen: 17.127 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.4
61	41.9	34.5	51.7





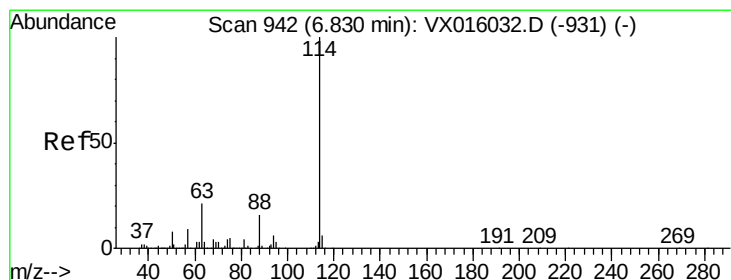
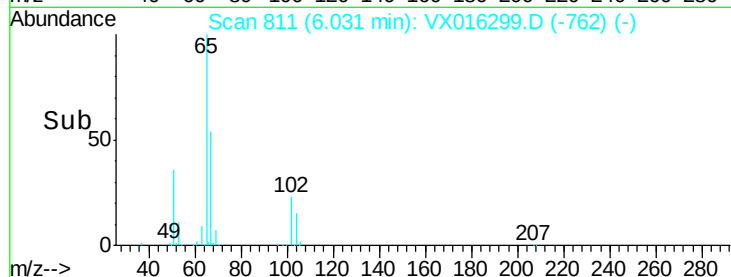
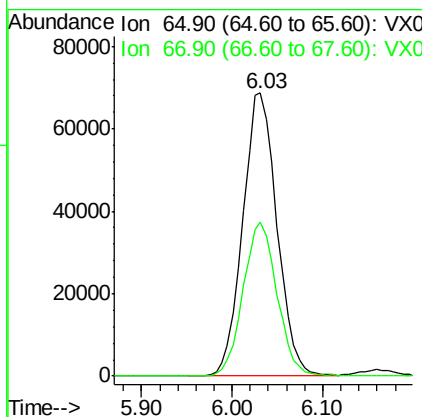
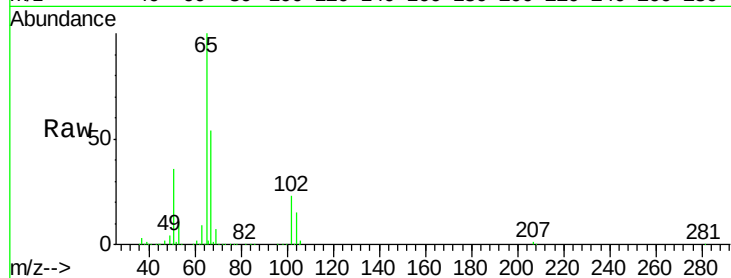
#33
 1,2-Dichloroethane-d4
 Concen: 43.112 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179754		
67	53.8	0.0	104.8	

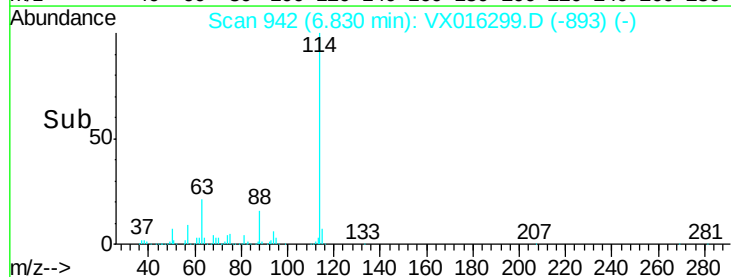
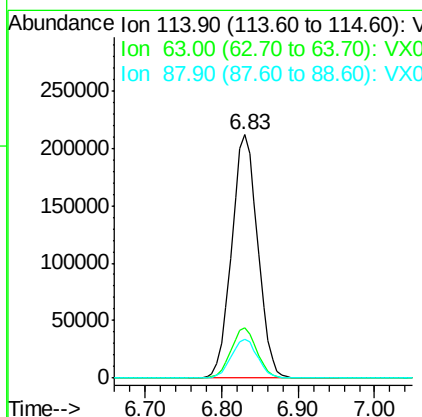
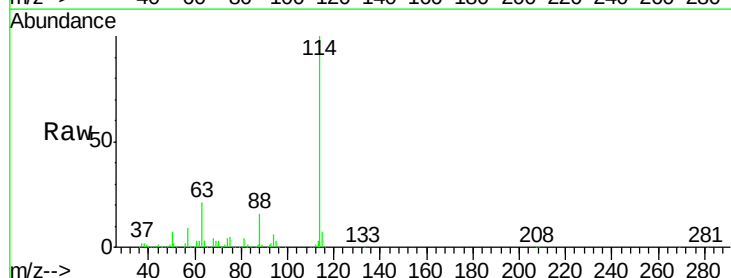
Manual Integrations
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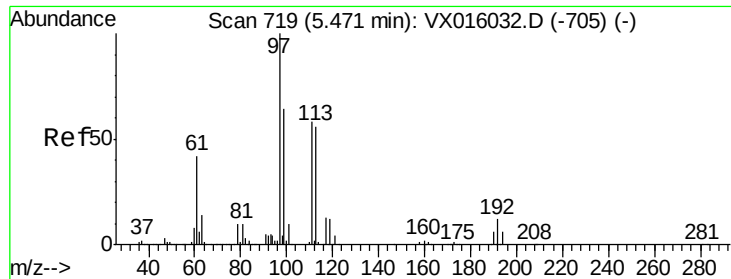
MMDadoda
 5/19/2020 1:38:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	498948		
63	20.5	0.0	42.8	
88	16.1	0.0	31.4	





#35

Dibromofluoromethane

Concen: 45.897 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

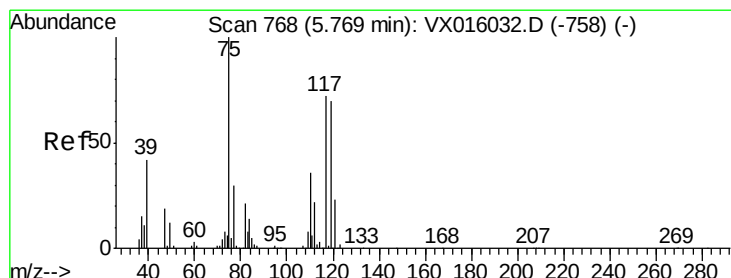
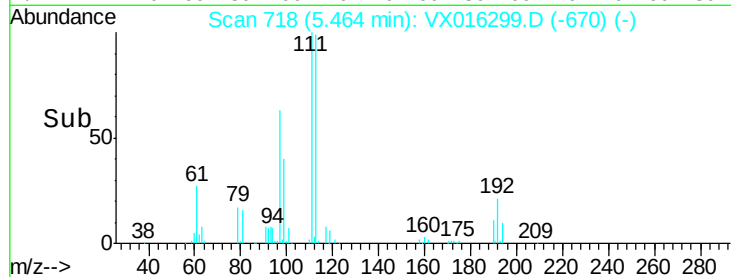
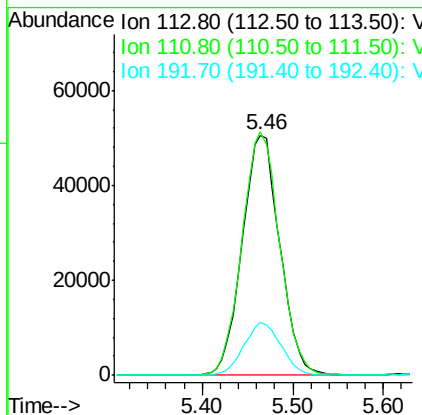
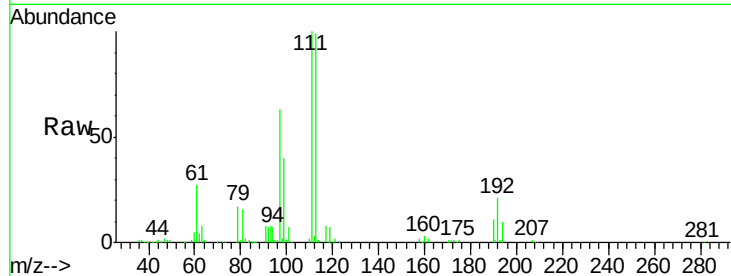
ClientSampled :

VX0518WBSD01

Tot Ion:	113	Resp:	145082
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.6	122.4
192	21.8	17.0	25.4

Manual Integrations
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5/19/2020 1:38:49 PM



#36

1,1-Dichloropropene

Concen: 17.238 ug/l

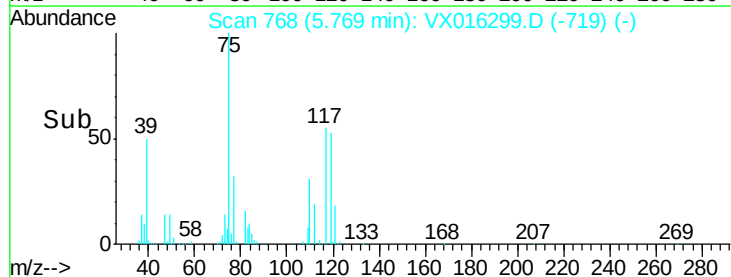
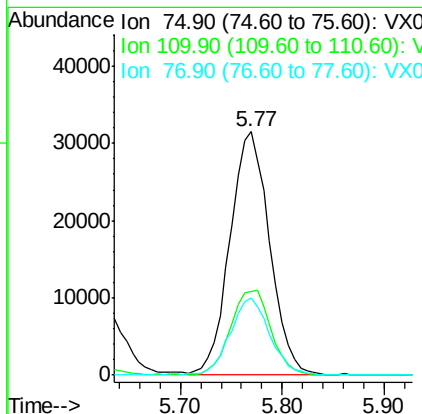
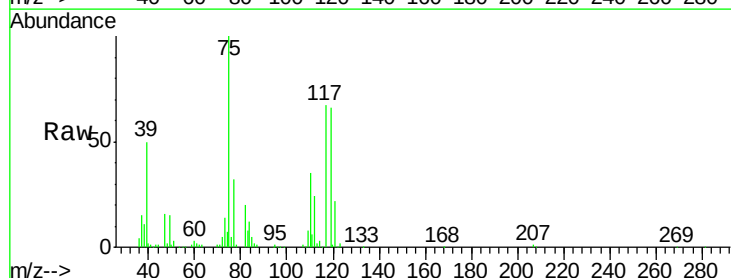
RT: 5.77 min Scan# 768

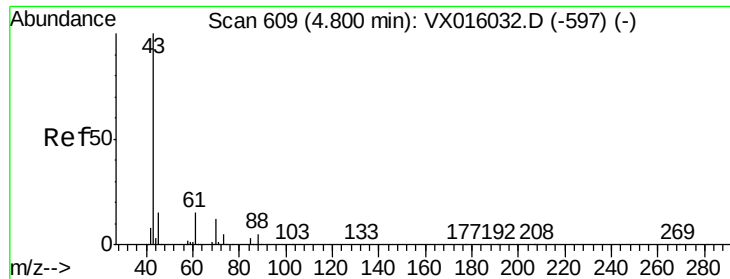
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion:	75	Resp:	84666
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.1
77	31.6	25.0	37.6





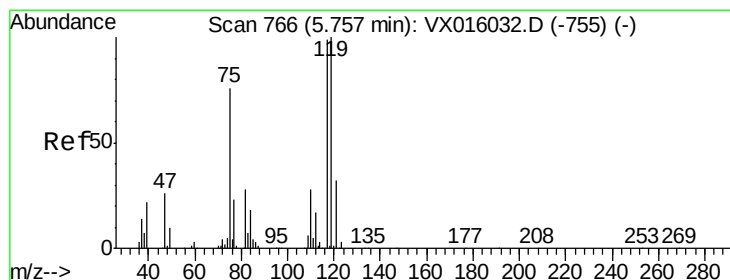
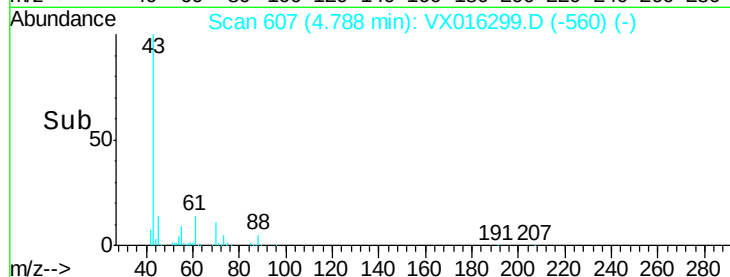
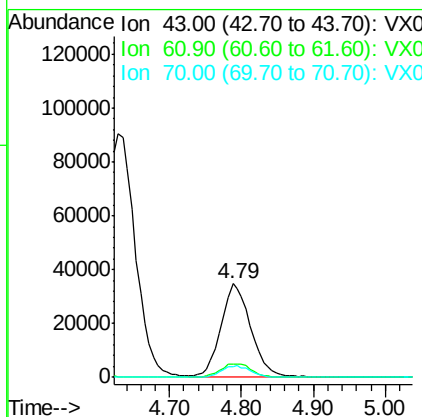
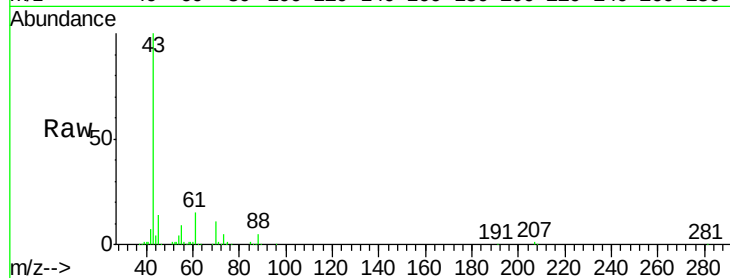
#37
Ethyl Acetate
Concen: 17.574 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	12.3	9.3	13.9

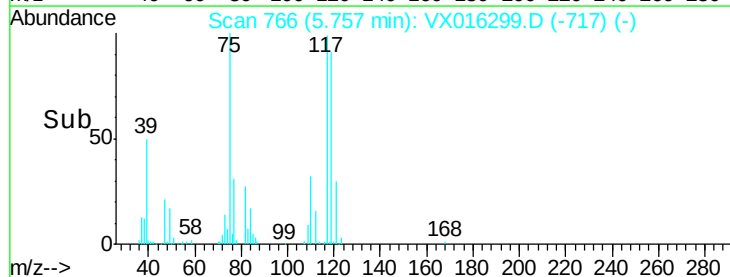
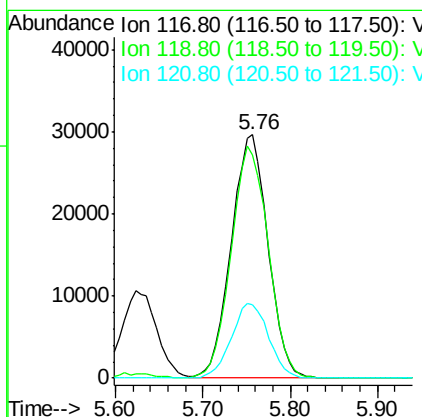
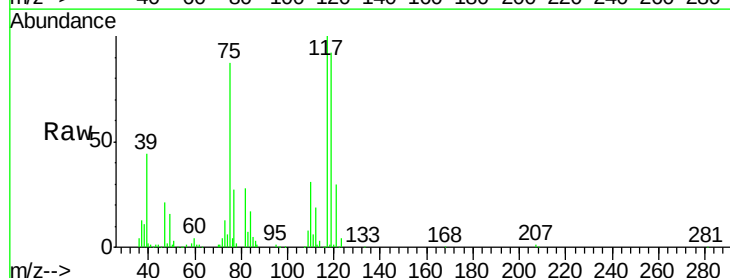
Manual Integrations
APPROVED

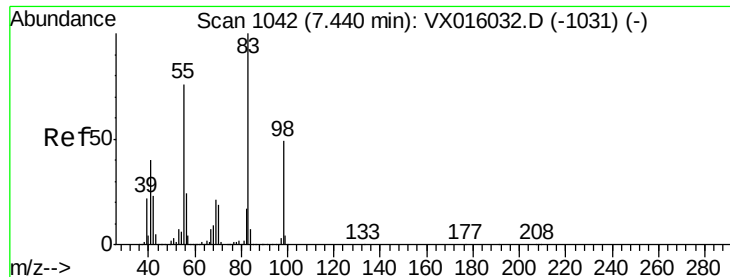
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.367 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	80.3	120.5
121	30.2	25.7	38.5





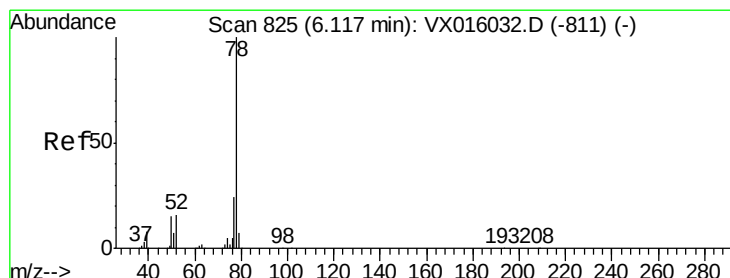
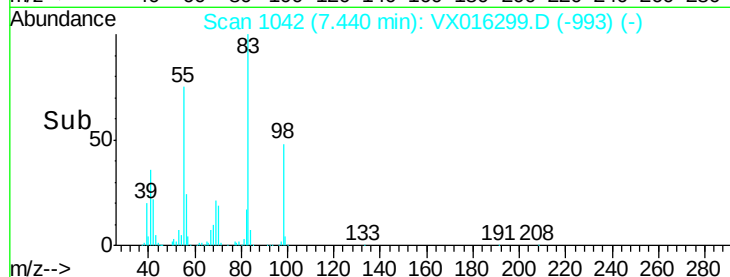
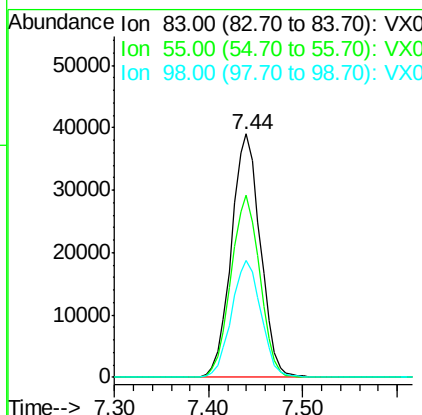
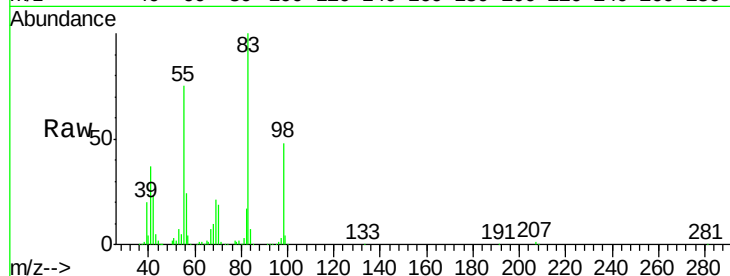
#39
Methylvlcyclohexane
Concen: 14.106 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.1	91.7
98	48.3	39.0	58.4

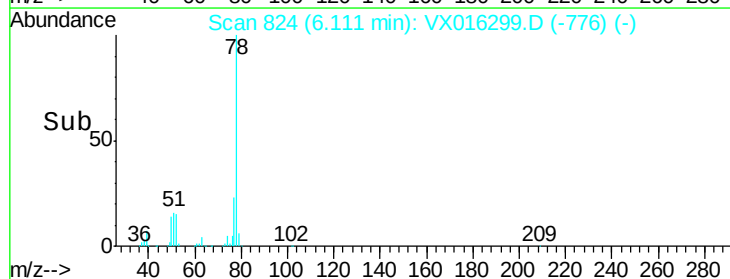
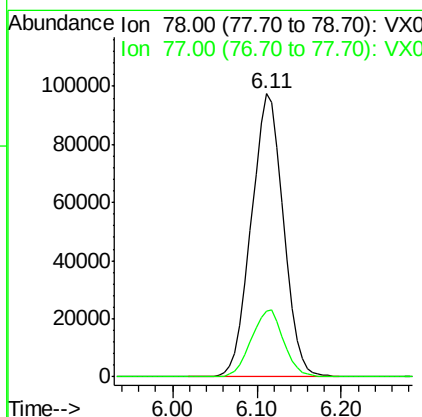
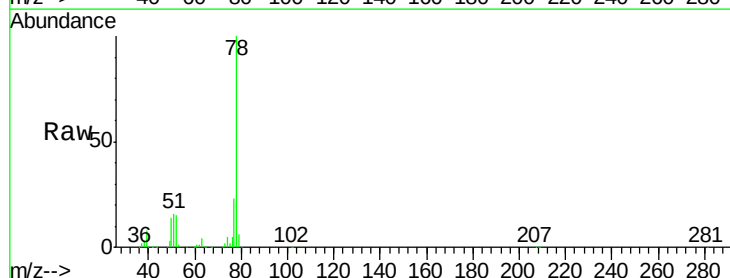
Manual Integrations
APPROVED

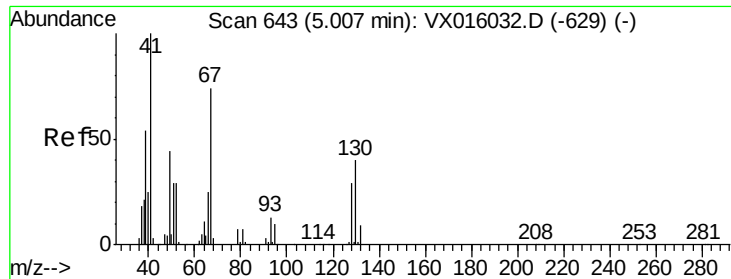
MMDadoda
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#40
Benzene
Concen: 17.629 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





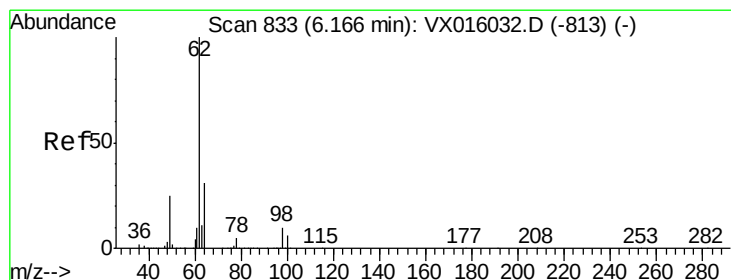
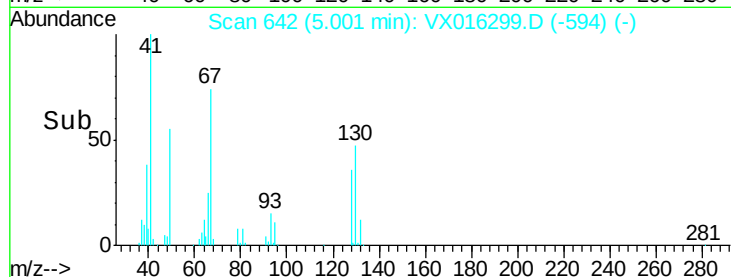
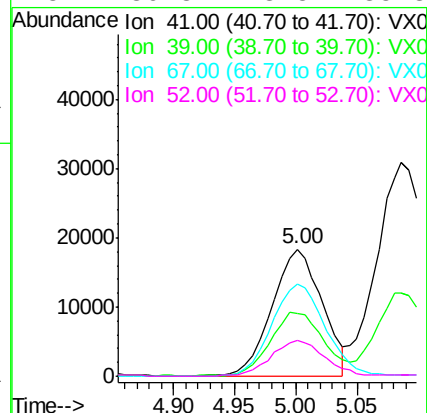
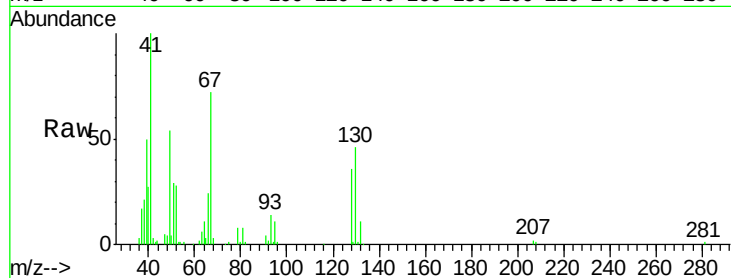
#41
Methacrylonitrile
Concen: 17.070 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion:	41	Resp:	52478
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.2	64.8
67	78.0	59.3	88.9
52	30.8	23.5	35.3

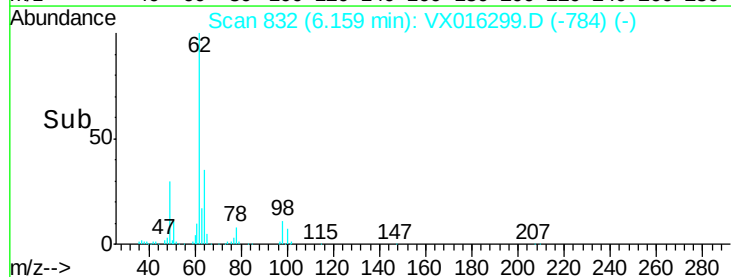
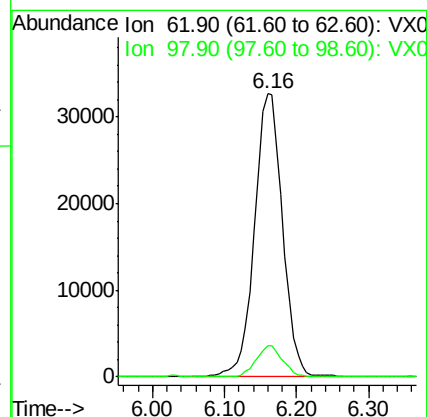
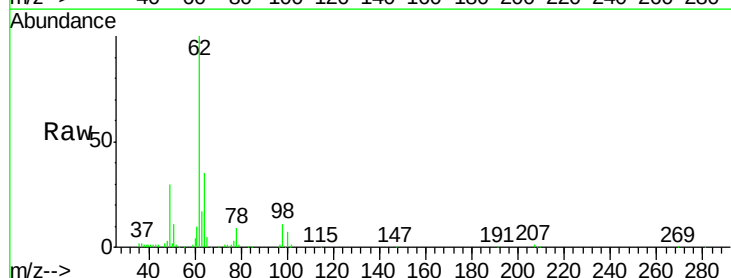
Manual Integrations
APPROVED

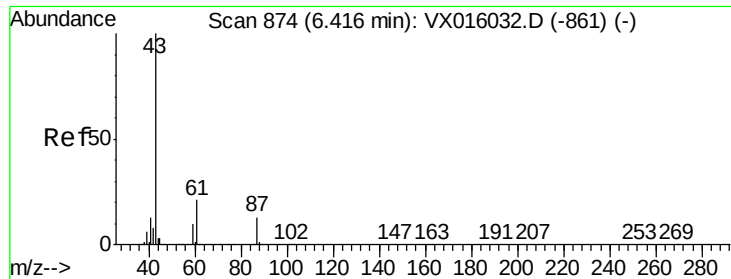
MMDadoda
5/19/2020 1:38:49 PM



#42
1,2-Dichloroethane
Concen: 17.078 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion:	62	Resp:	88407
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4





#43

Isopropyl Acetate

Concen: 17.456 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

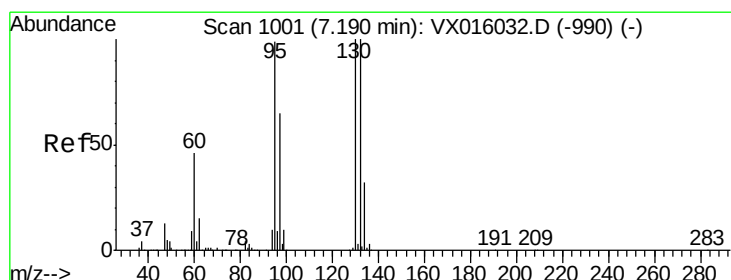
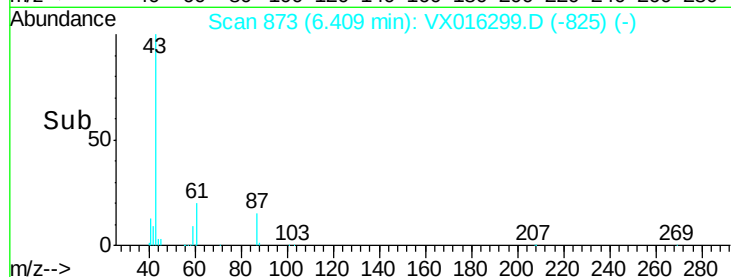
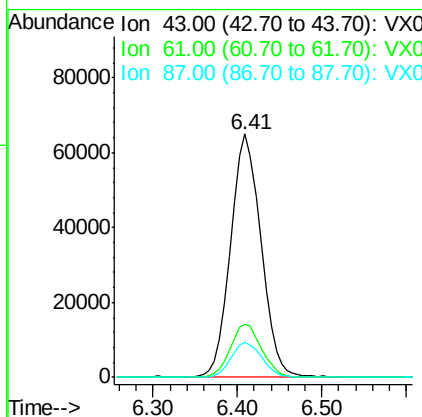
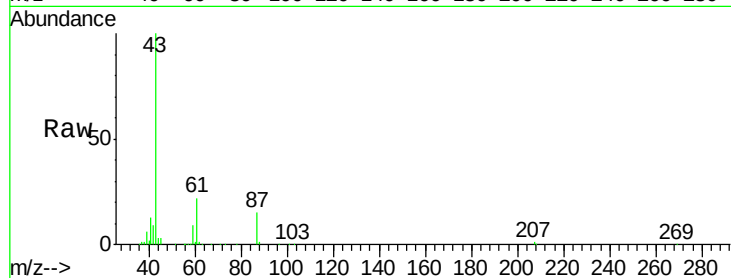
ClientSampleId :

VX0518WBSD01

Tot Ion:	43	Resp:	158546
Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.0	25.4
87	14.7	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 17.071 ug/l

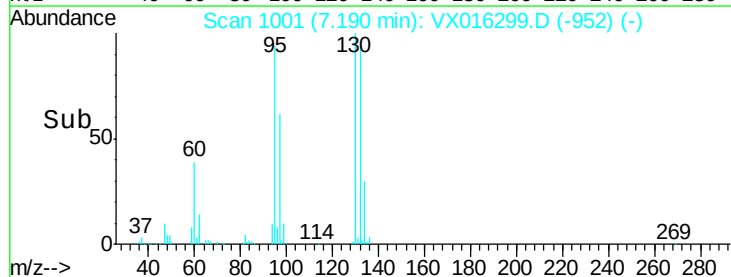
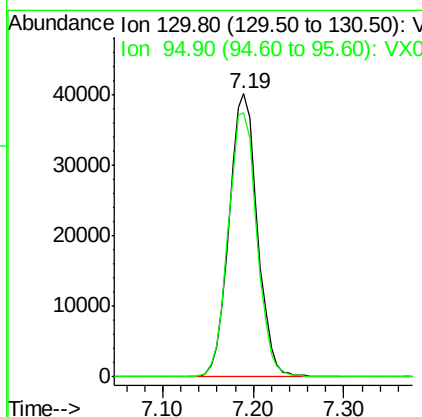
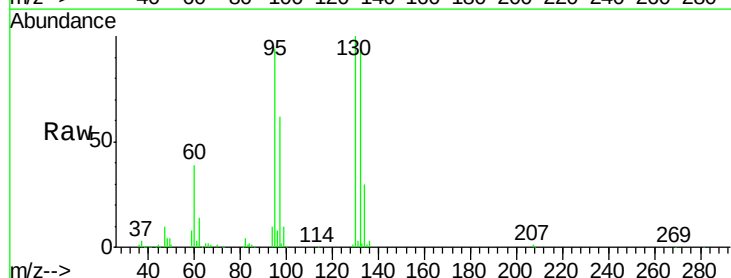
RT: 7.19 min Scan# 1001

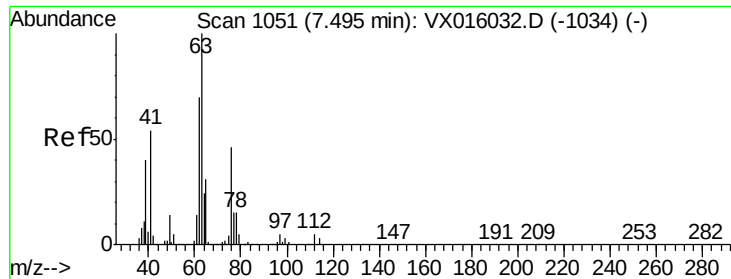
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion:	130	Resp:	87156
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	197.4





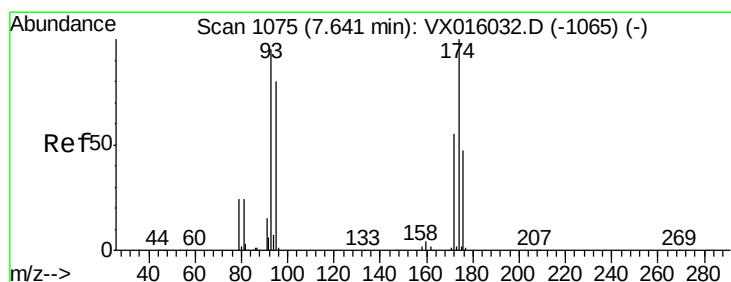
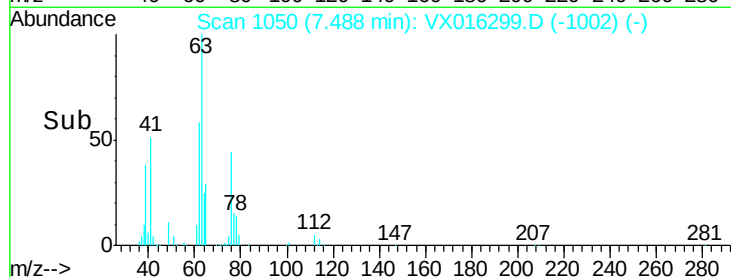
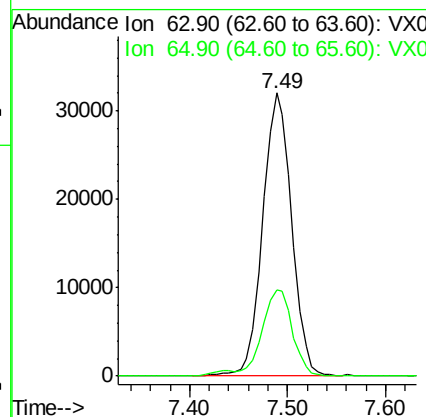
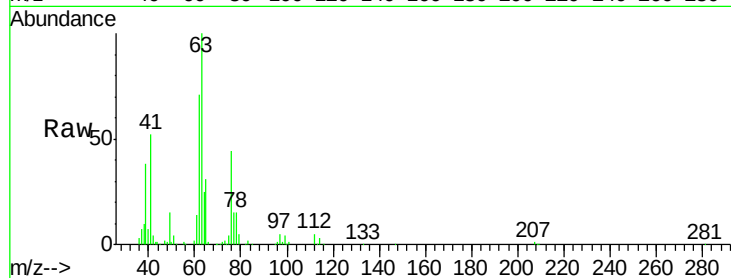
#45
 1,2-Dichloropropane
 Concen: 18.246 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.4	36.6

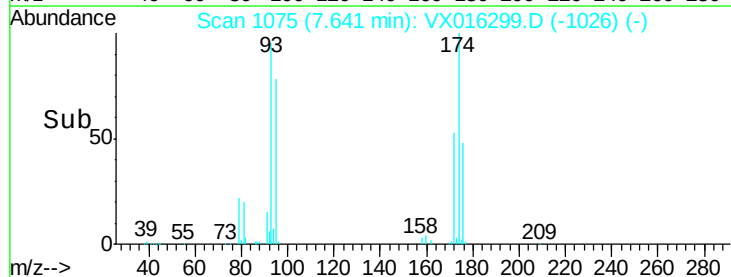
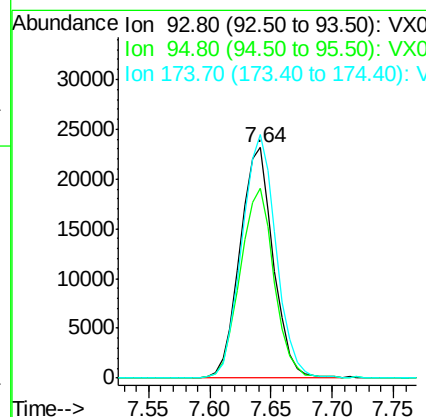
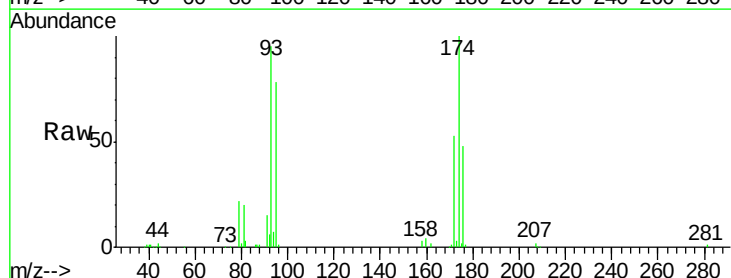
Manual Integrations
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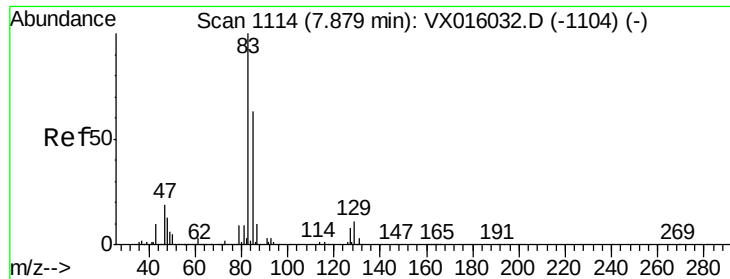
MMDadoda
 5/19/2020 1:38:49 PM



#46
 Dibromomethane
 Concen: 17.618 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	66.6	100.0
174	109.3	84.2	126.4





#47

Bromodichloromethane

Concen: 17.984 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

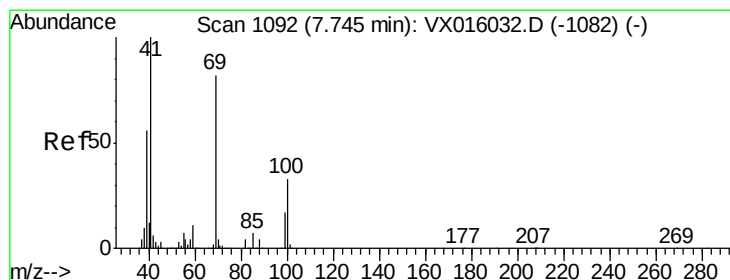
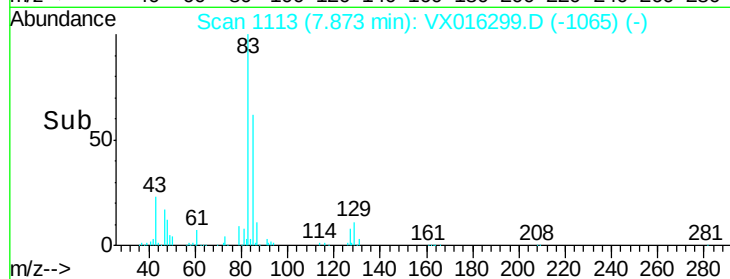
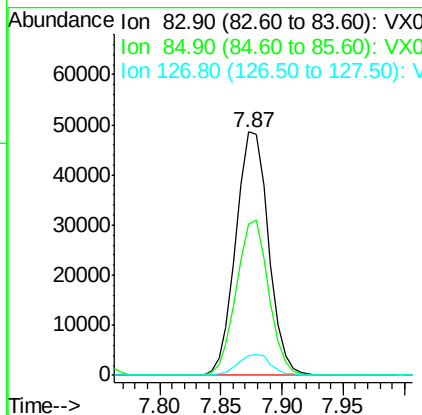
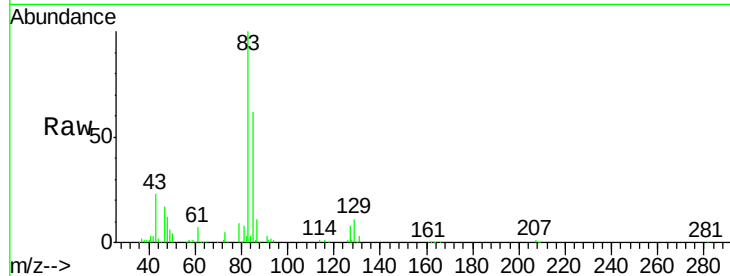
ClientSampleId :

VX0518WBSD01

Tot Ion:	83	Resp:	90508
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.5	75.7
127	8.3	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.337 ug/l

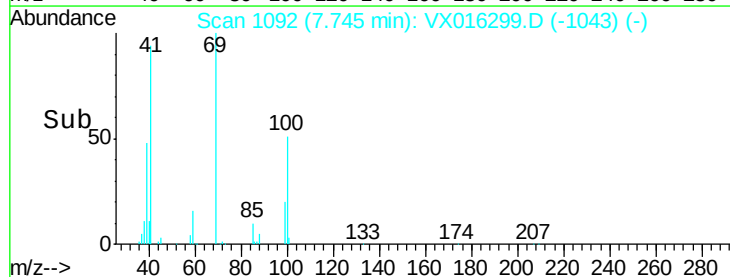
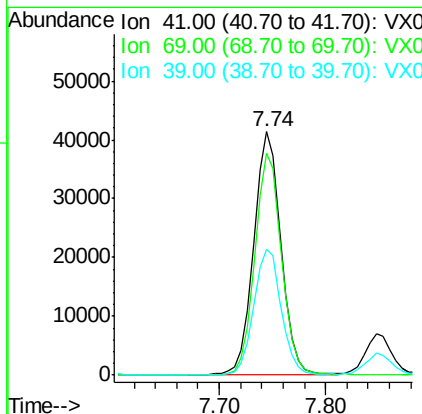
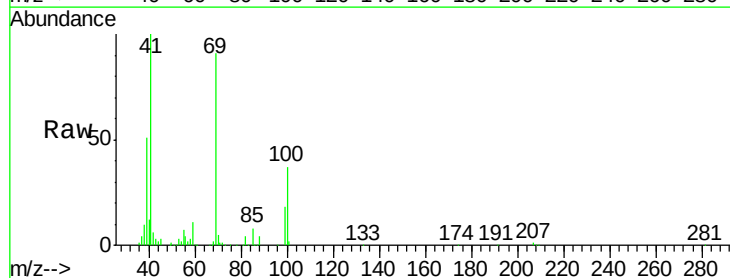
RT: 7.74 min Scan# 1092

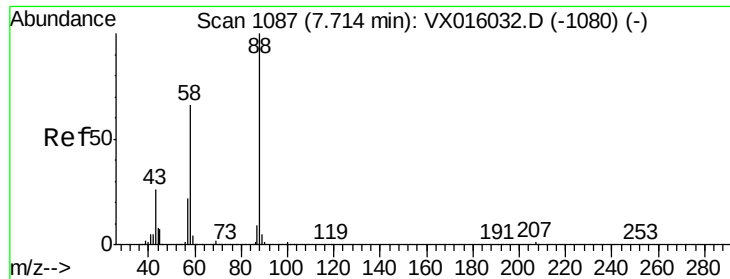
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion:	41	Resp:	74616
Ion	Ratio	Lower	Upper
41	100		
69	88.8	67.8	101.6
39	51.8	44.6	67.0





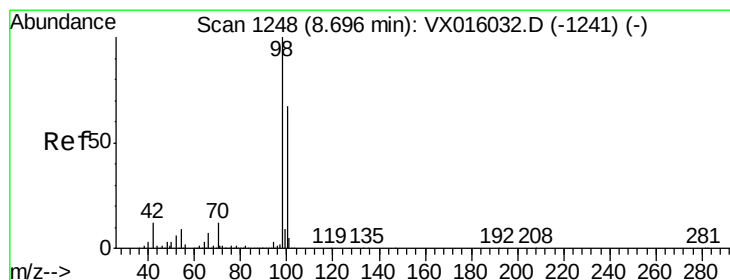
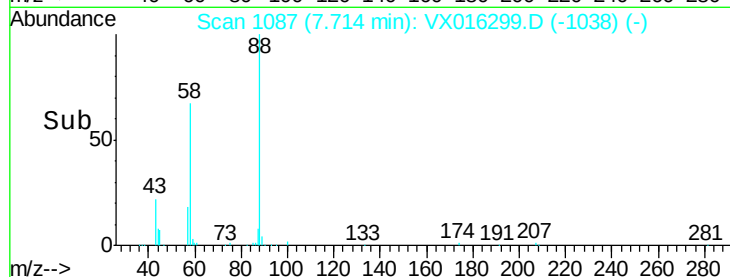
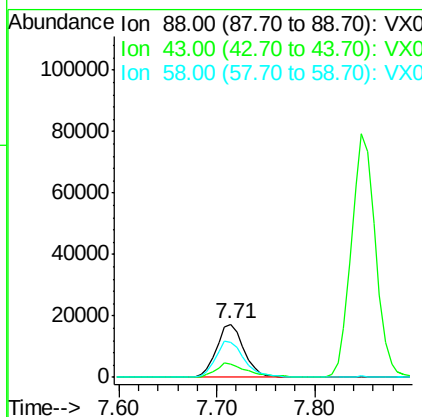
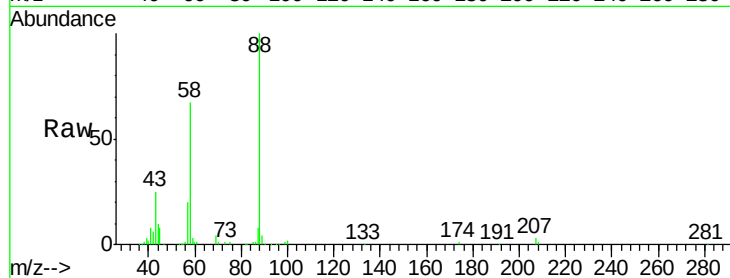
#49
1,4-Dioxane
Concen: 326.812 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.3	37.9
58	70.6	55.9	83.9

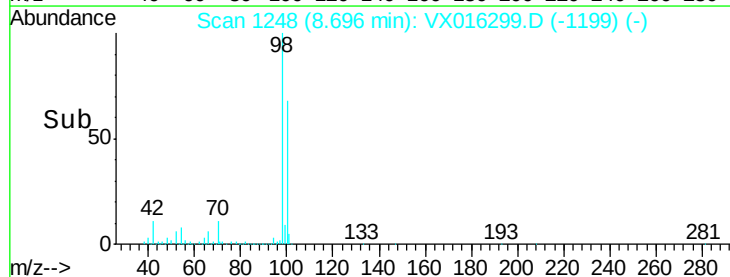
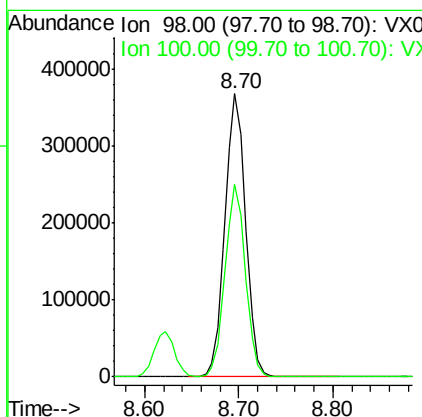
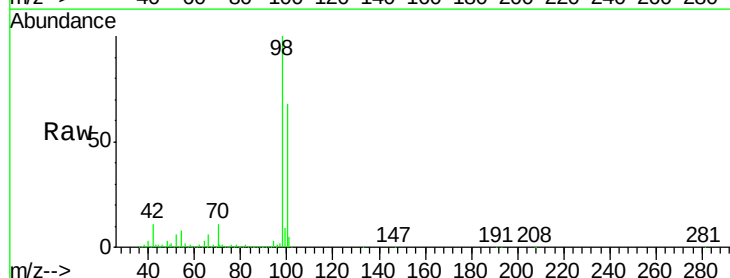
Manual Integrations
APPROVED

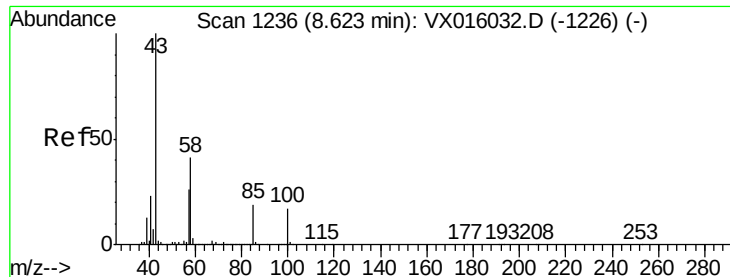
MMDadoda
5/19/2020 1:38:49 PM



#50
Toluene-d8
Concen: 45.952 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.7	80.5





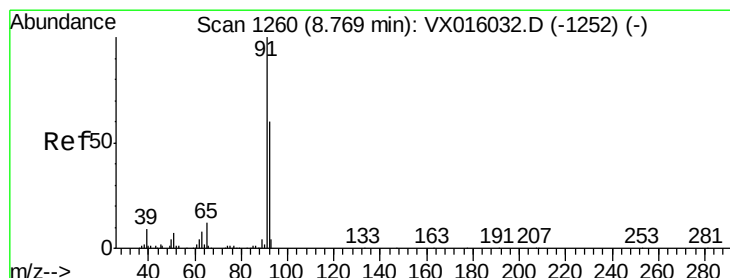
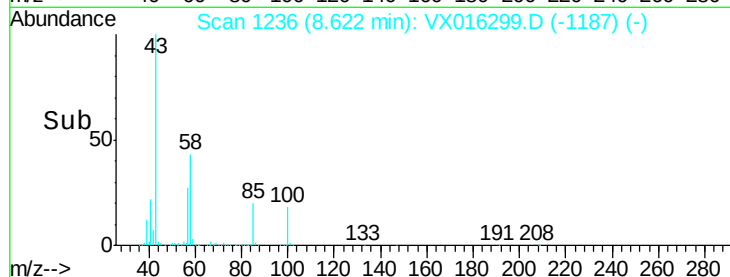
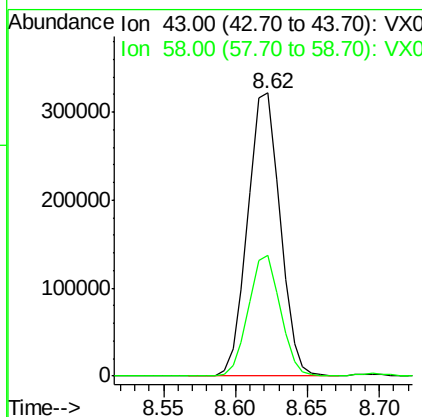
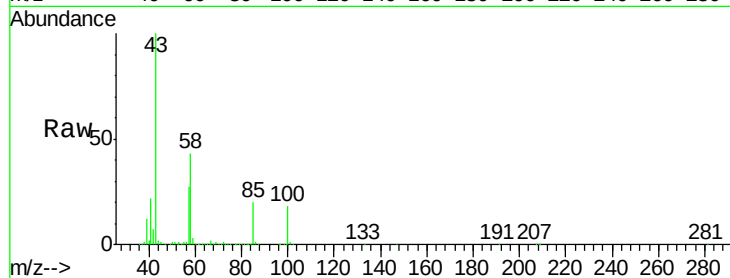
#51
4-Methyl-2-Pentanone
Concen: 90.164 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.1	33.0	49.4

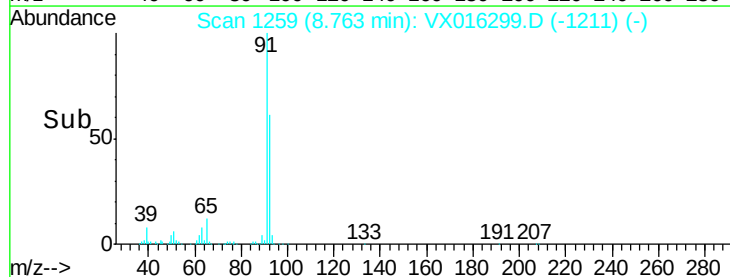
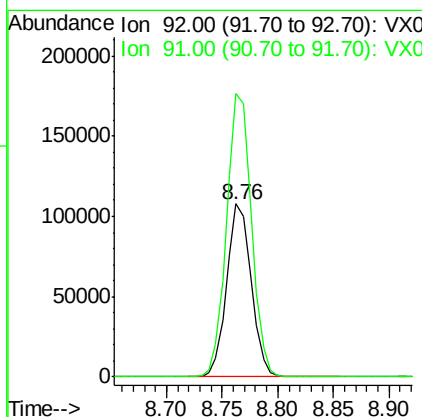
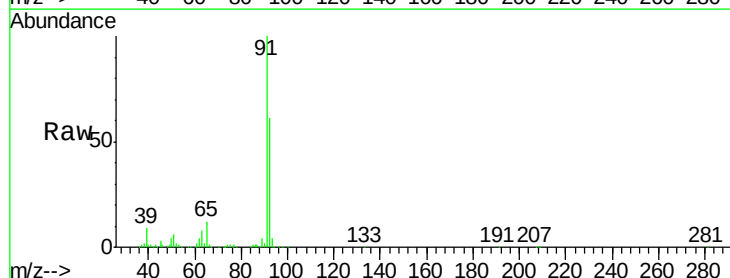
Manual Integrations
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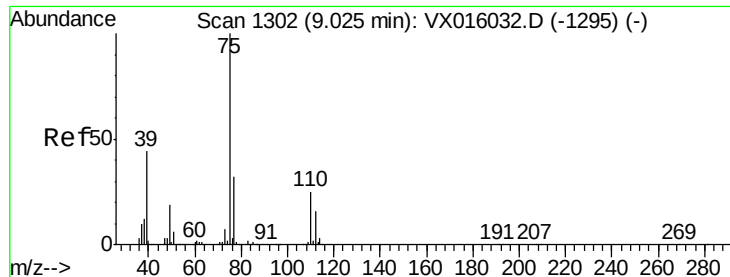
MMDadoda
5/19/2020 1:38:49 PM



#52
Toluene
Concen: 18.314 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.1	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 17.596 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 75 Resp: 105587

Ion Ratio Lower Upper

75 100

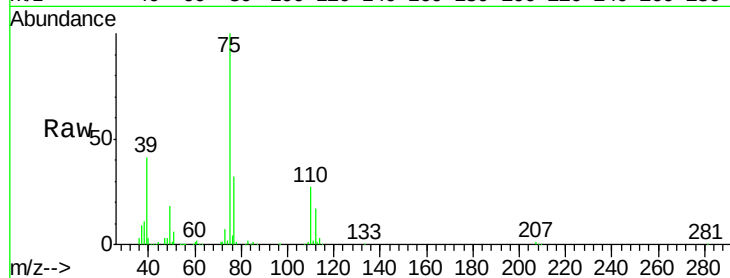
77 31.8 25.7 38.5

Manual Integrations

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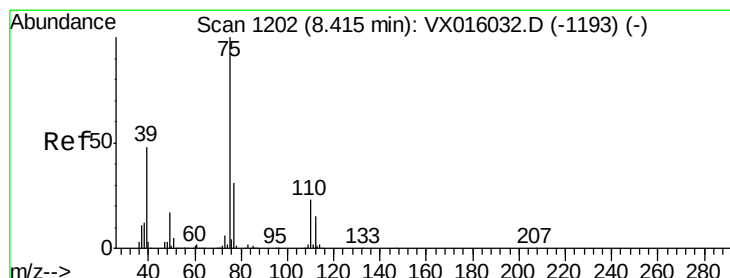
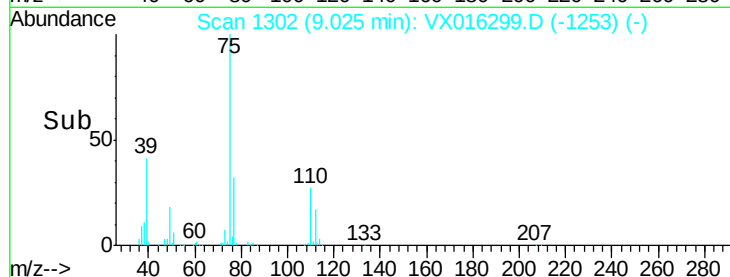
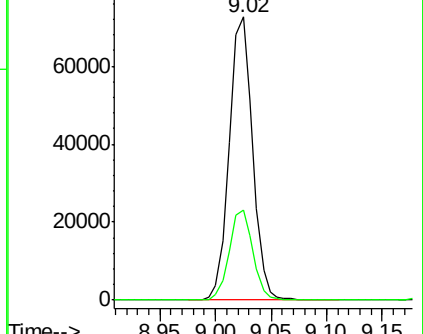
MMDadoda

5/19/2020 1:38:49 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.930 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

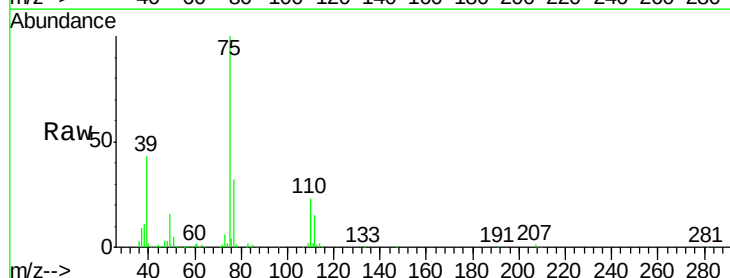
Tgt Ion: 75 Resp: 112382

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

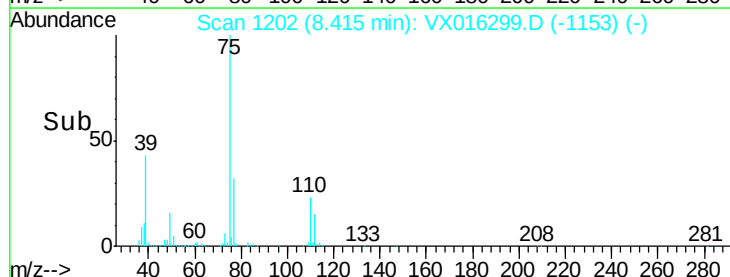
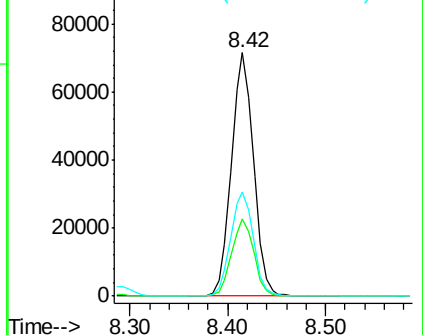
39 42.5 38.7 58.1

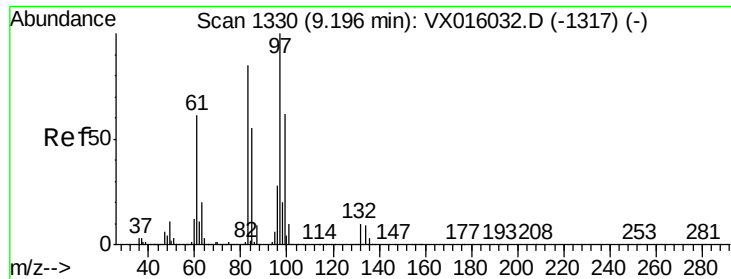


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





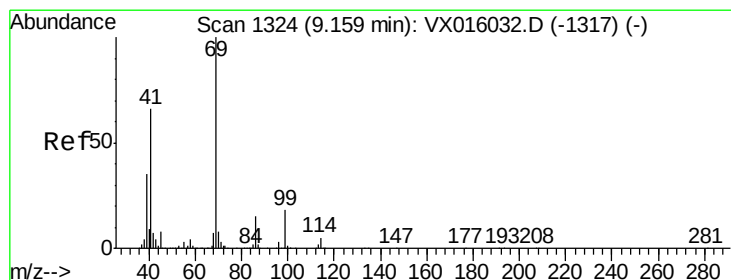
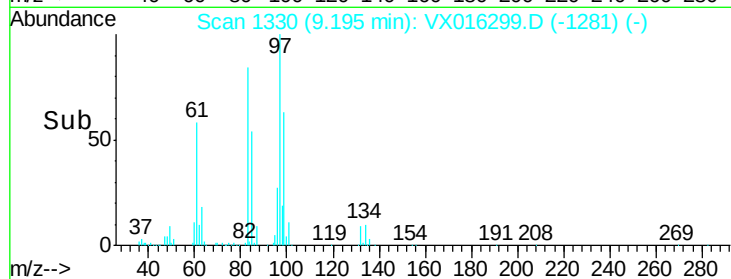
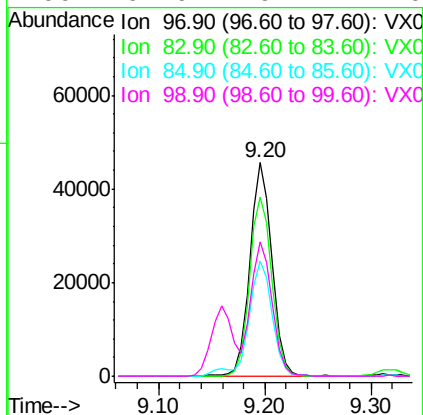
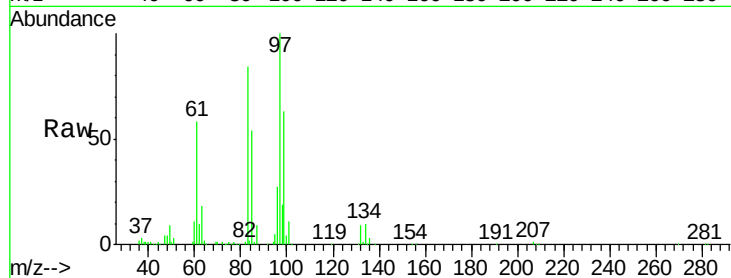
#55
 1,1,2-Trichloroethane
 Concen: 18.837 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		66384		
83	84.0	67.8	101.8		
85	54.0	43.8	65.8		
99	62.9	49.4	74.0		

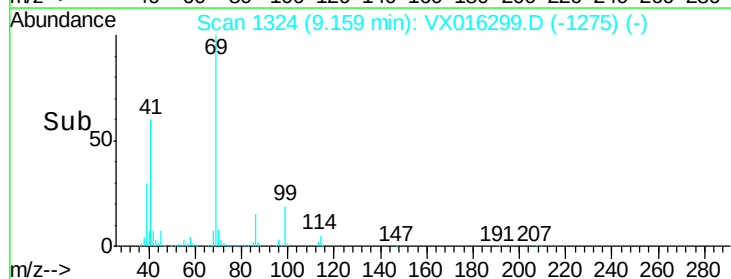
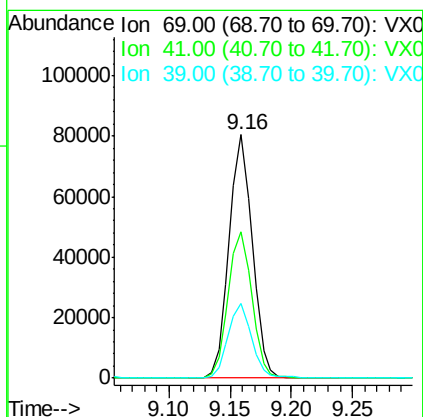
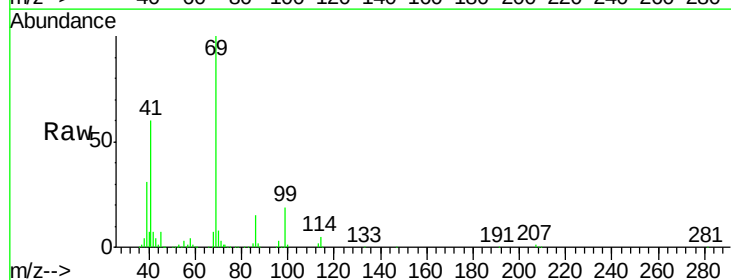
Manual Integrations
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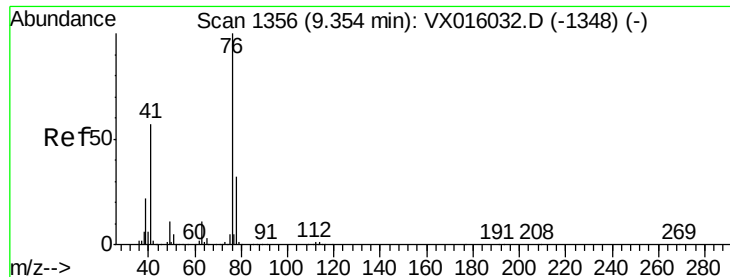
MMDadoda
 5/19/2020 1:38:49 PM



#56
 Ethyl methacrylate
 Concen: 18.411 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		105911		
41	61.7	52.2	78.4		
39	31.1	28.2	42.4		





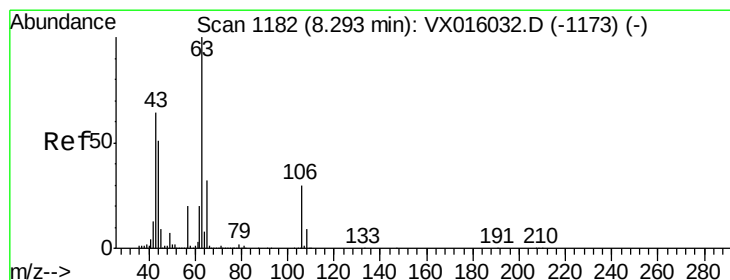
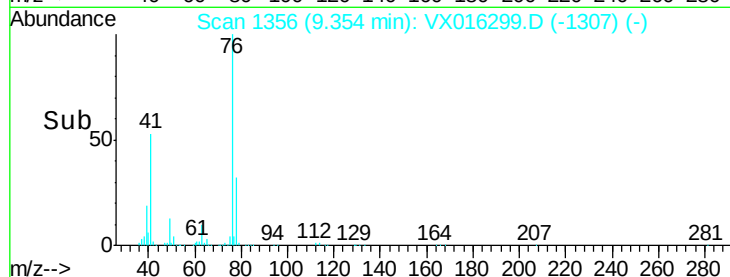
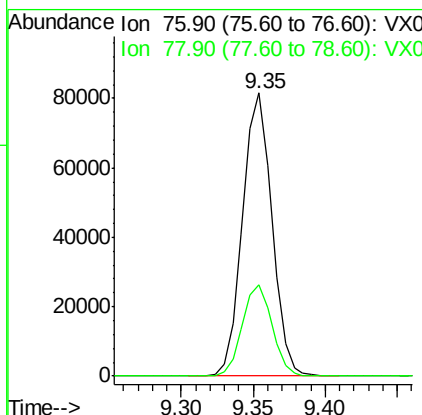
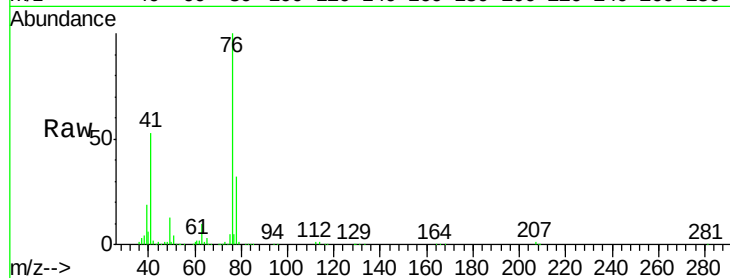
#57
 1,3-Dichloropropane
 Concen: 18.760 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.9	38.9

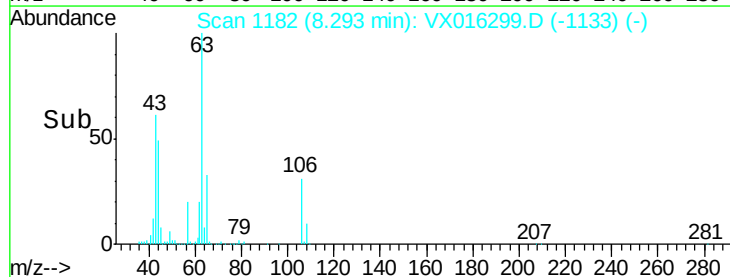
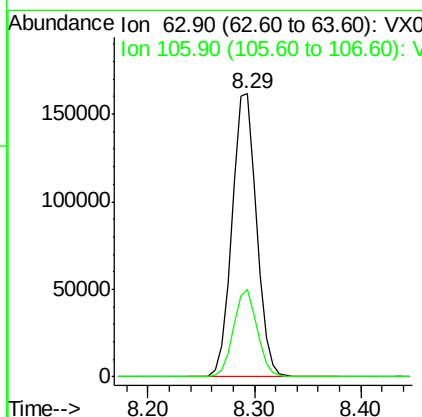
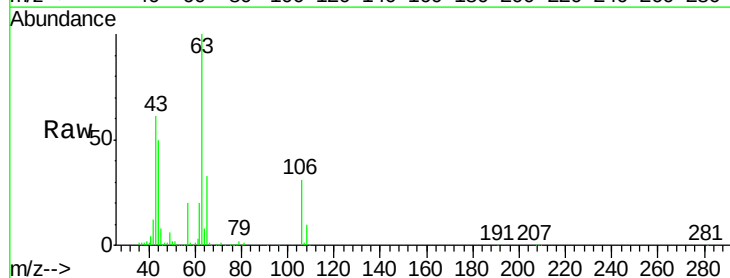
Manual Integrations
 APPROVED

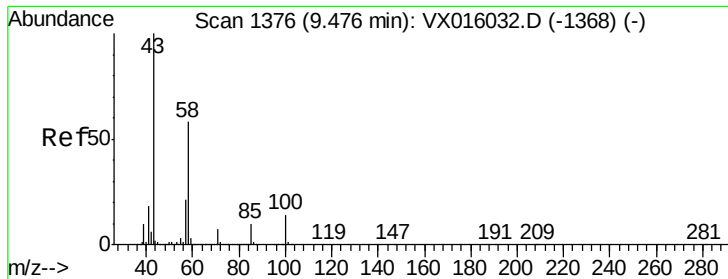
MMDadoda
 5/19/2020 1:38:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.707 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.4	35.2





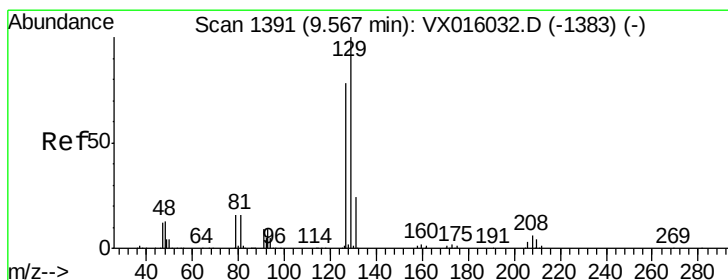
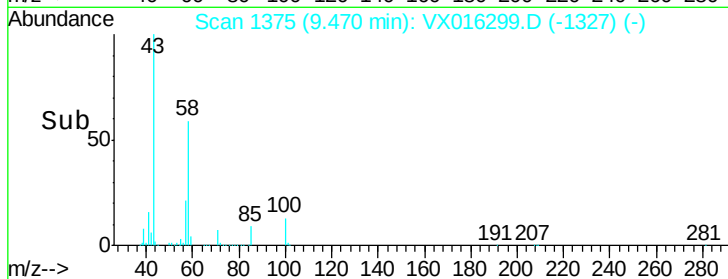
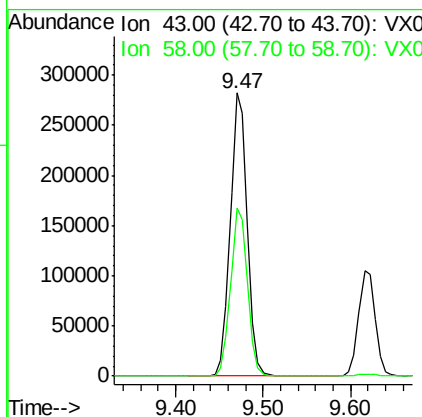
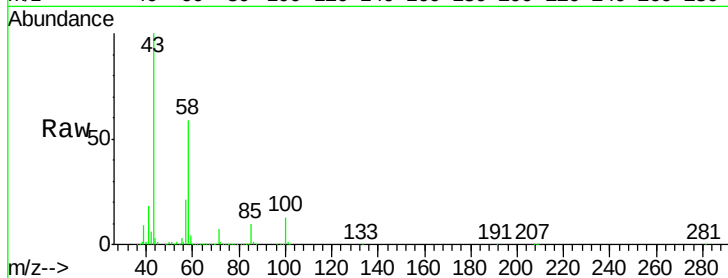
#59
2-Hexanone
Concen: 87.220 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion: 43 Resp: 380700
Ion Ratio Lower Upper
43 100
58 59.6 28.6 85.9

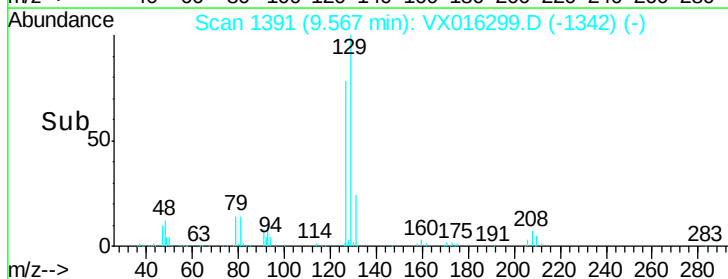
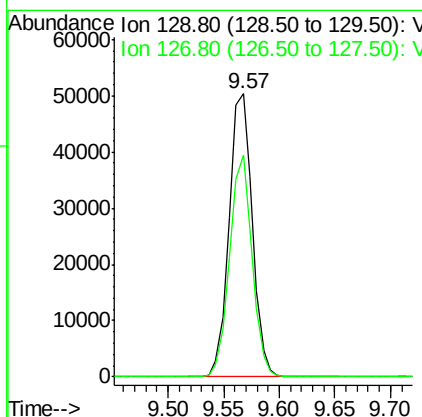
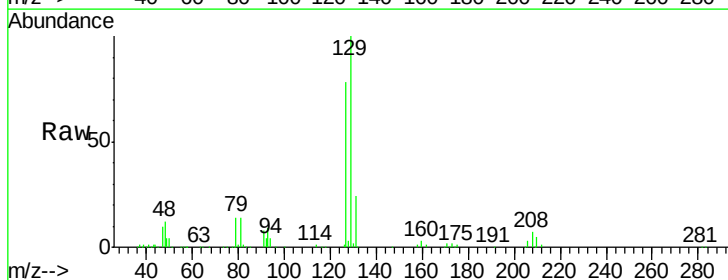
Manual Integrations
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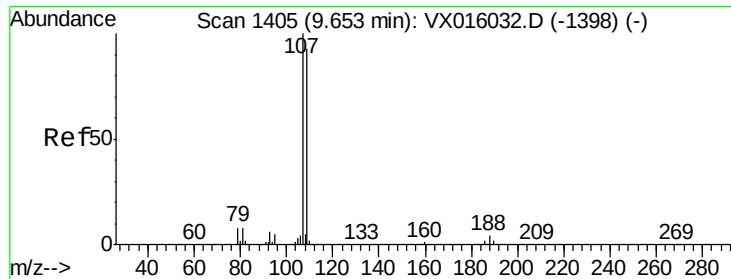
MMDadoda
5/19/2020 1:38:49 PM



#60
Dibromochloromethane
Concen: 18.744 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 129 Resp: 72752
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.532 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 107 Resp: 70742

Ion Ratio Lower Upper

107 100

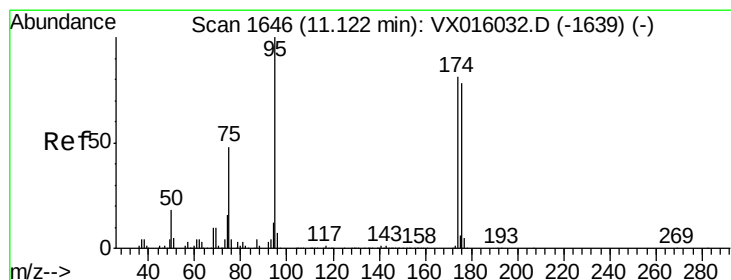
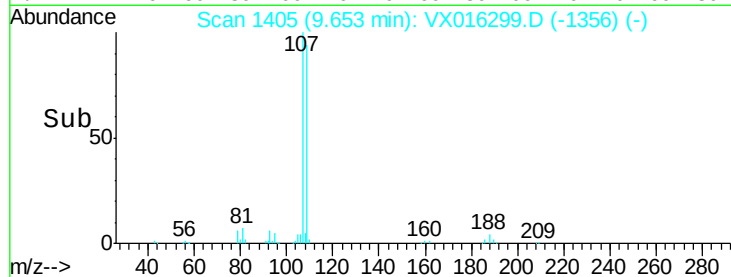
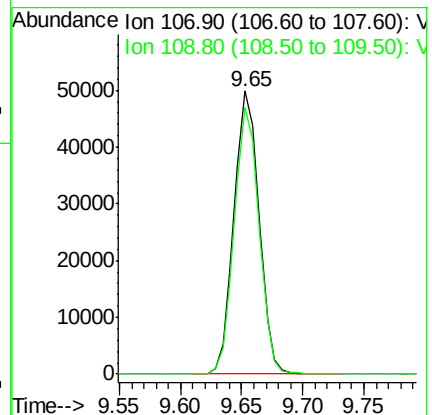
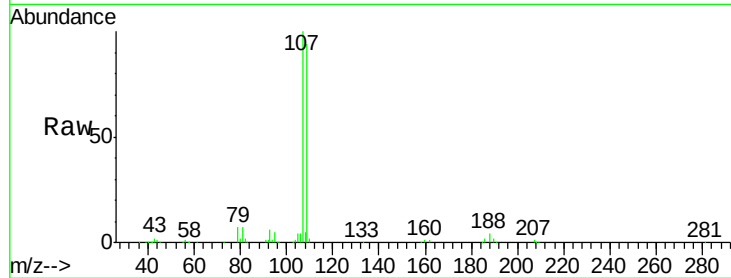
109 93.0 74.9 112.3

Manual Integrations

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 46.932 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

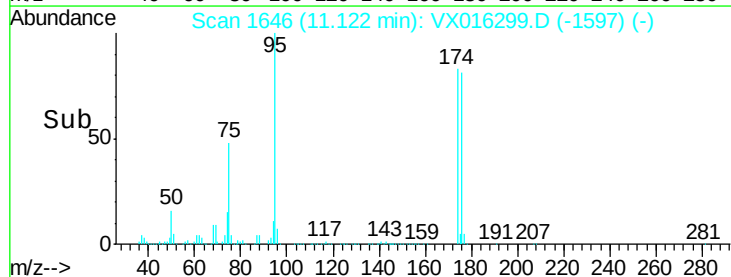
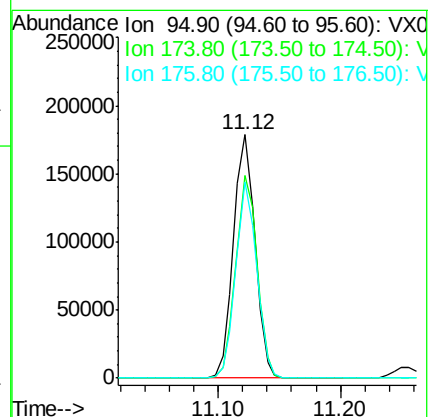
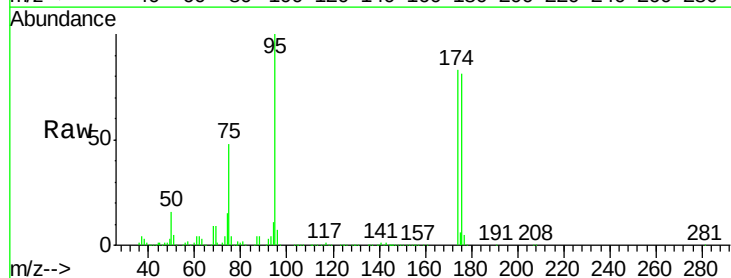
Tgt Ion: 95 Resp: 217415

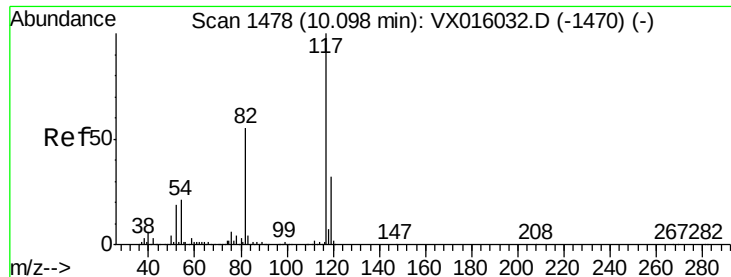
Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.4

176 78.5 0.0 157.6





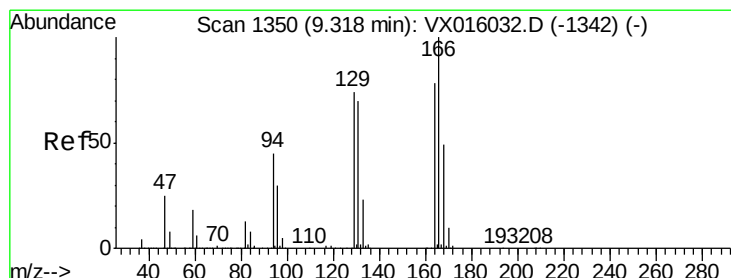
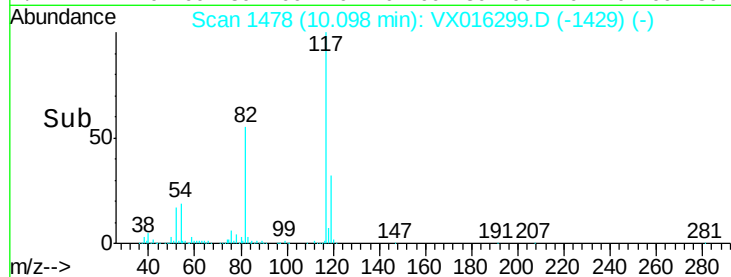
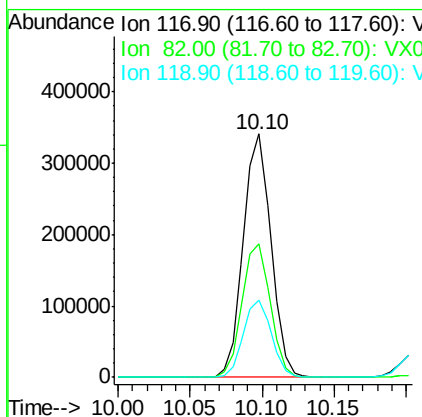
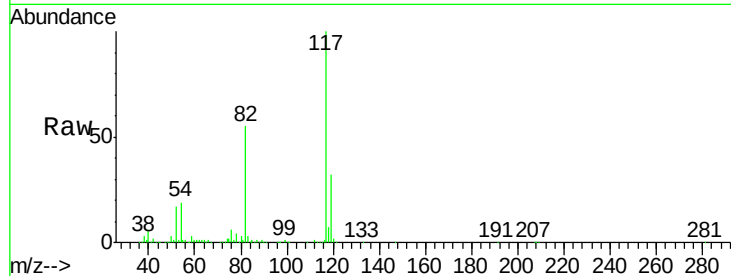
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	454278		
82	55.1		44.4	66.6
119	31.8		25.5	38.3

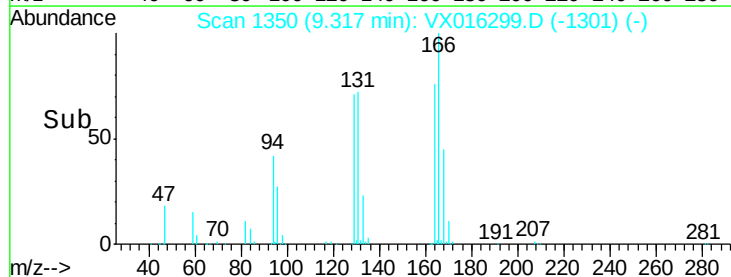
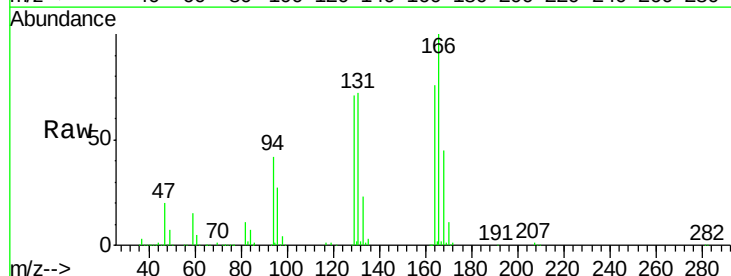
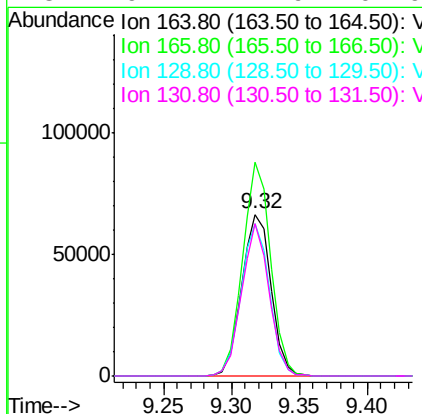
Manual Integrations
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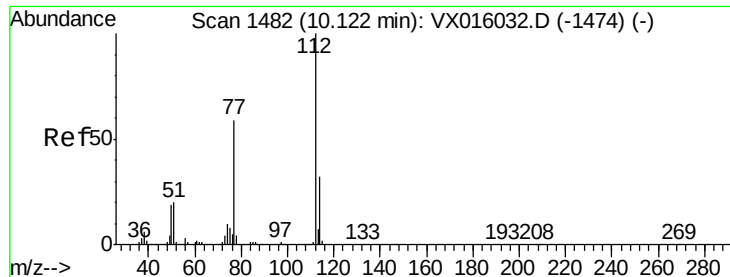
MMDadoda
5/19/2020 1:38:49 PM



#64
Tetrachloroethene
Concen: 17.873 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99676		
166	132.0		102.9	154.3
129	94.1		76.1	114.1
131	94.4		71.9	107.9





#65

Chlorobenzene

Concen: 18.293 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion:112 Resp: 174007

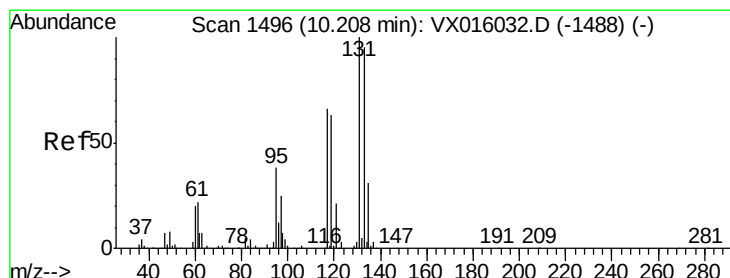
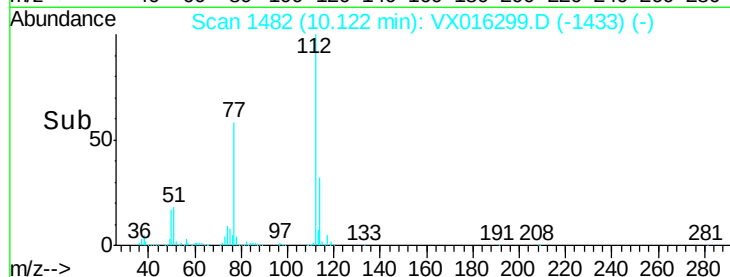
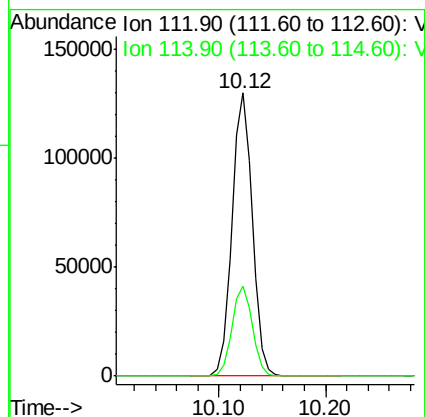
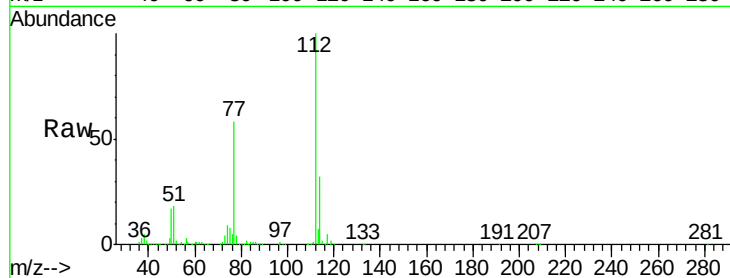
Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.072 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

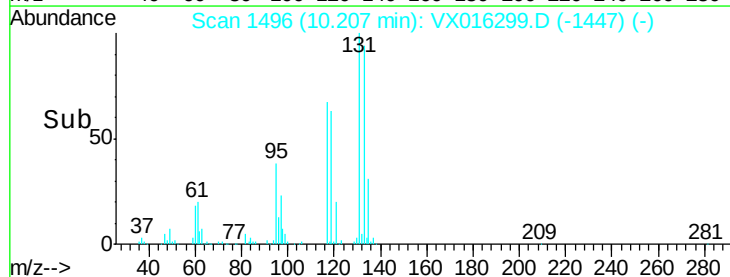
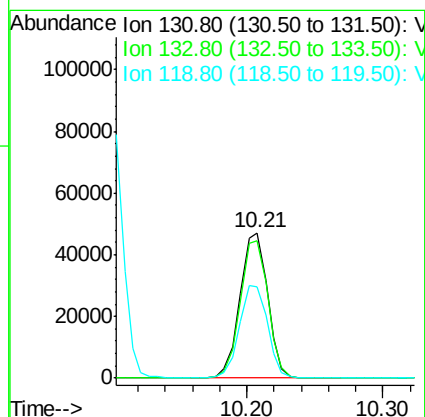
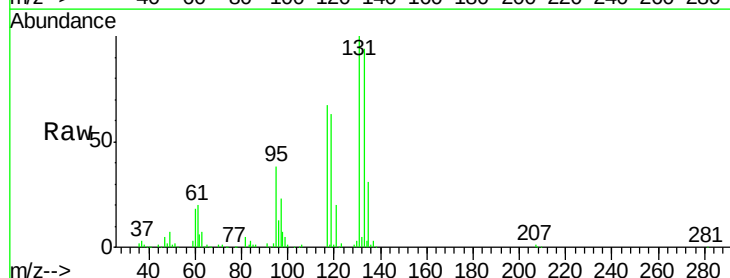
Tgt Ion:131 Resp: 67054

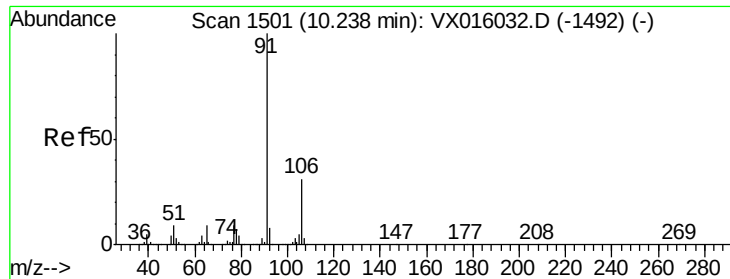
Ion Ratio Lower Upper

131 100

133 95.2 48.3 144.8

119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 17.992 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 91 Resp: 305367

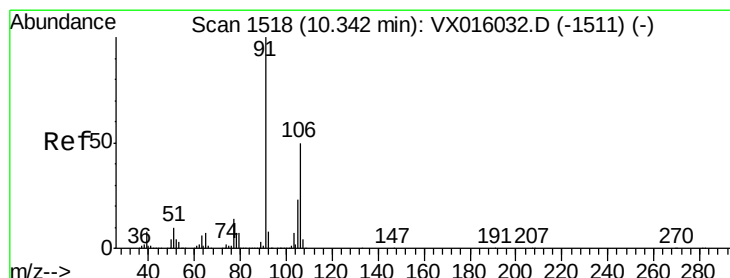
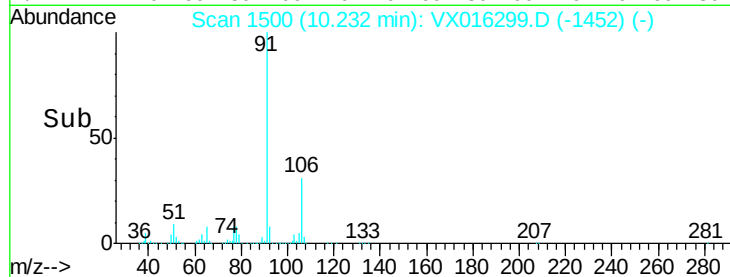
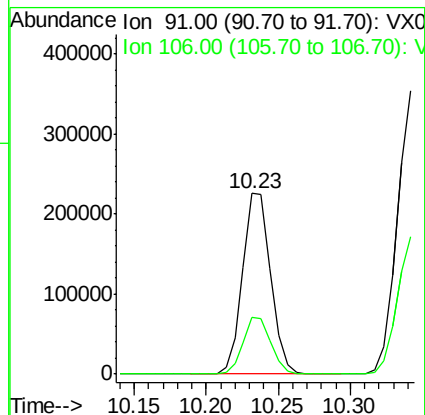
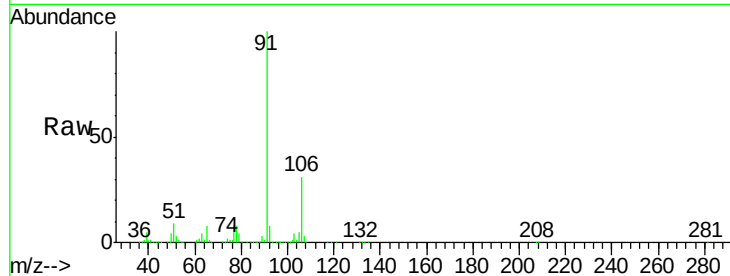
Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 36.574 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016299.D

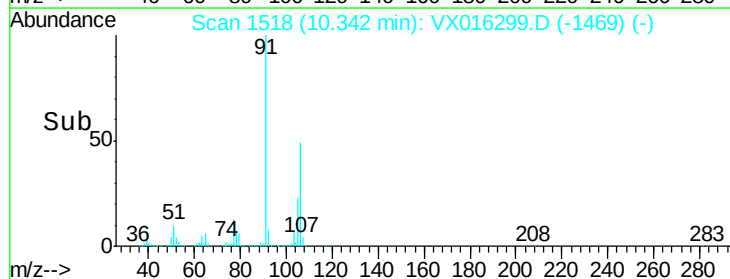
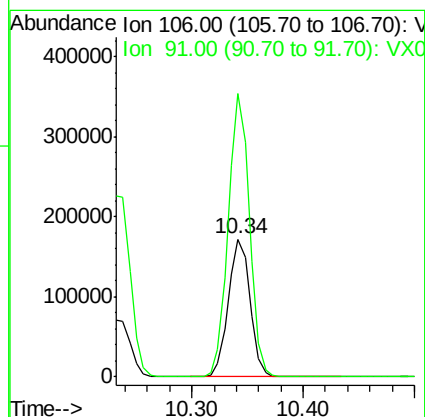
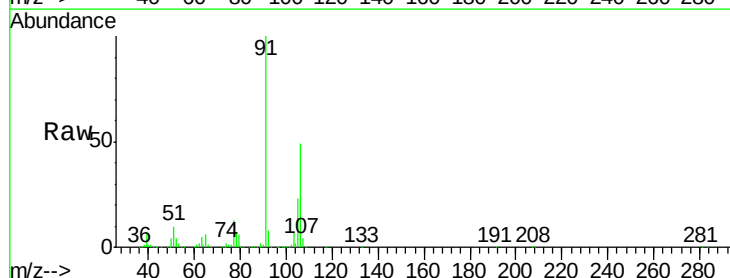
Acq: 18 May 2020 15:25

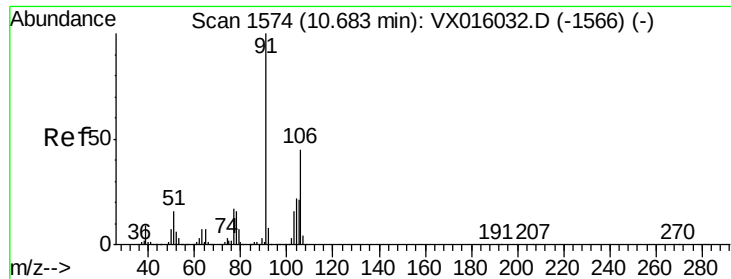
Tgt Ion: 106 Resp: 232562

Ion Ratio Lower Upper

106 100

91 201.3 161.7 242.5





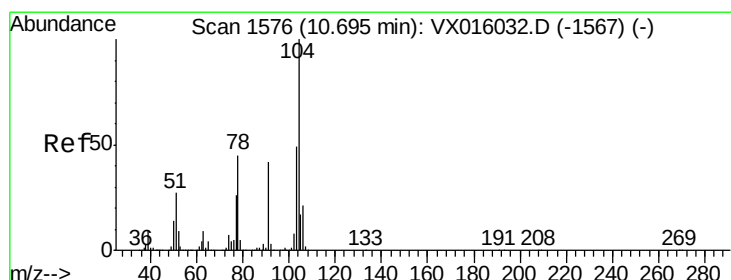
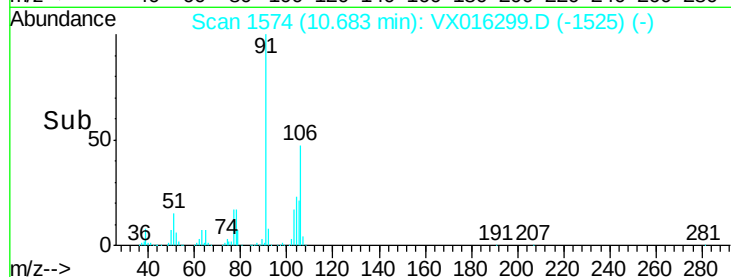
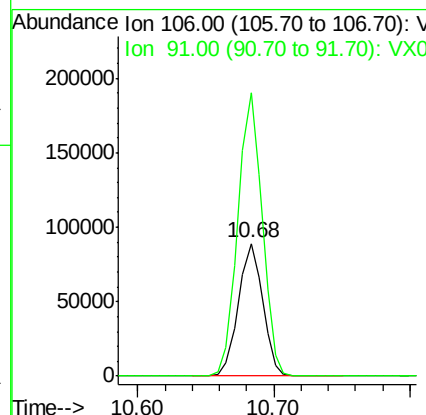
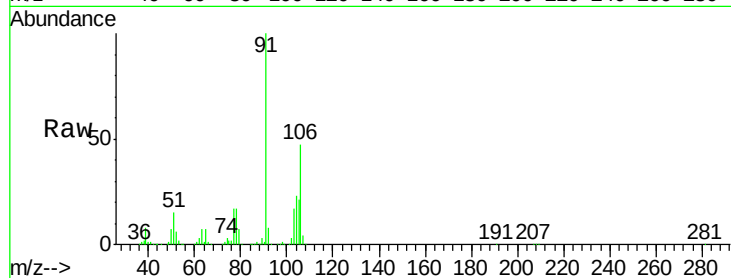
#69
o-Xylene
Concen: 18.250 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	111551		
91	213.2	107.5	322.6	

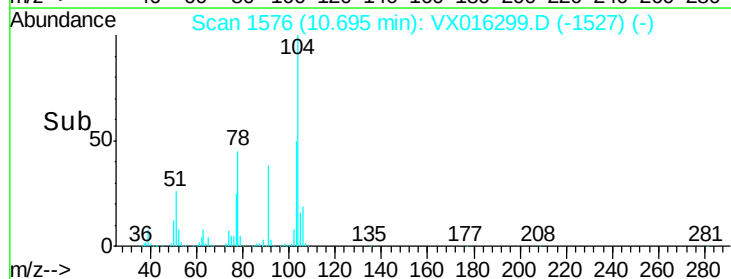
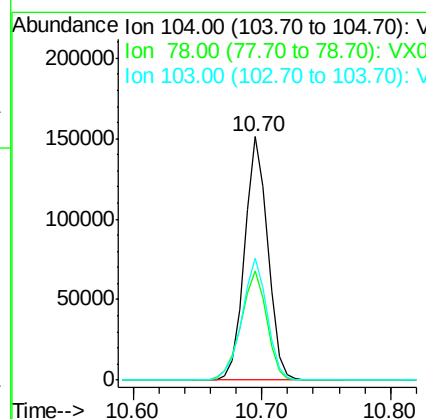
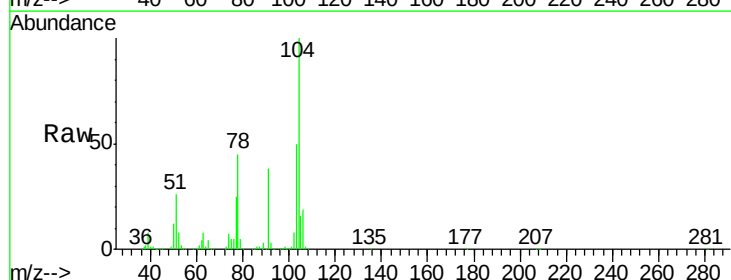
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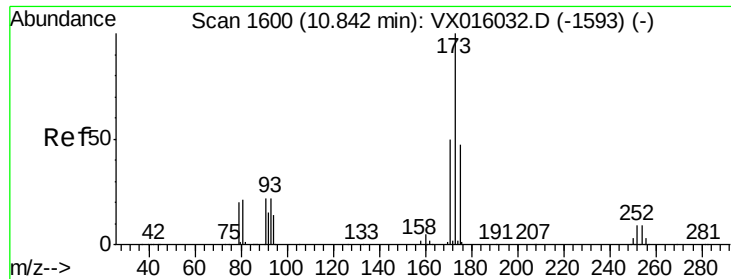
MMDadoda
5/19/2020 1:38:49 PM



#70
Styrene
Concen: 18.138 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	188079		
78	50.1	40.2	60.2	
103	54.5	43.0	64.6	





#71

Bromoform

Concen: 19.258 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

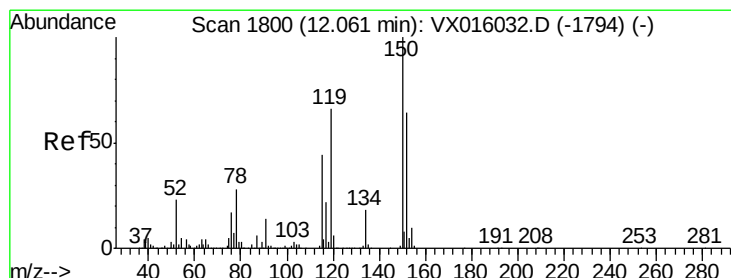
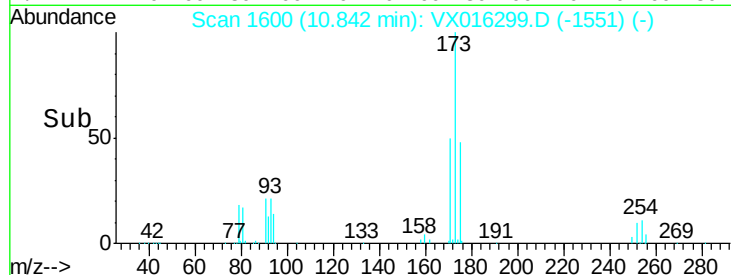
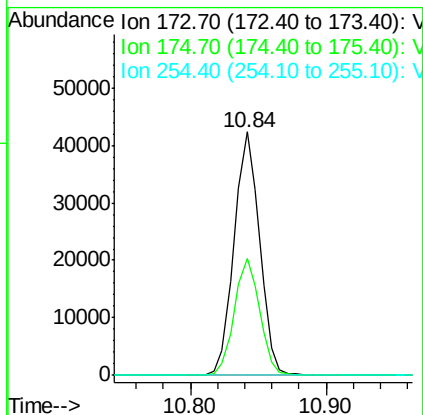
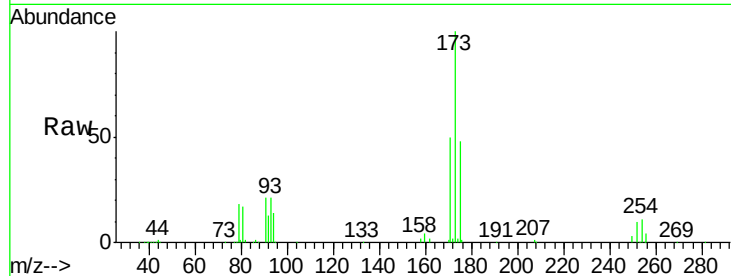
ClientSampleId :

VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.0	72.0
254	0.0	0.1	0.1

Manual Integrations
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5/19/2020 1:38:49 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

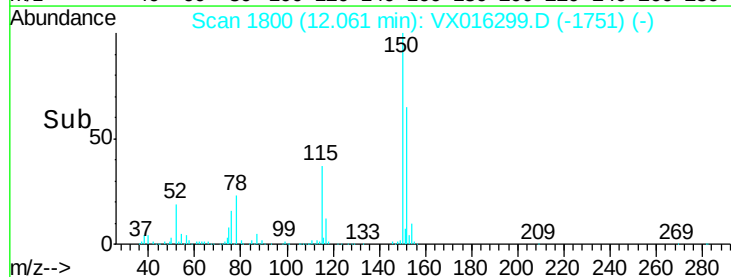
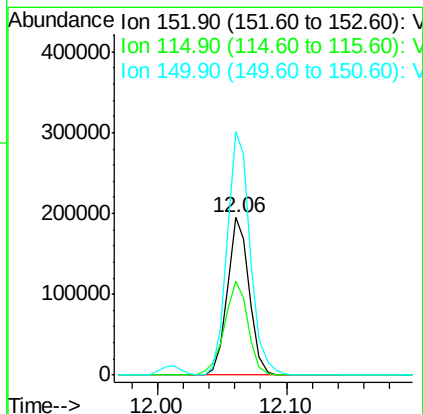
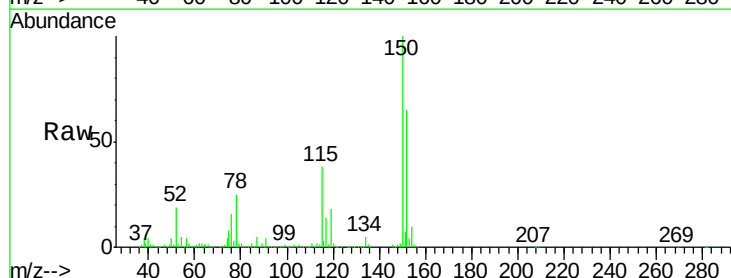
RT: 12.06 min Scan# 1800

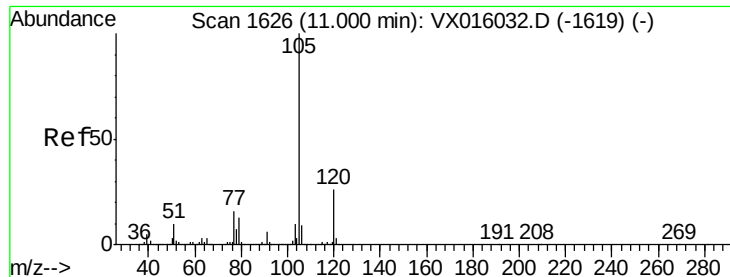
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	41.3	124.1
150	163.7	0.0	352.2





#73

Isopropylbenzene

Concen: 17.157 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion: 105 Resp: 288261

Ion Ratio Lower Upper

105 100

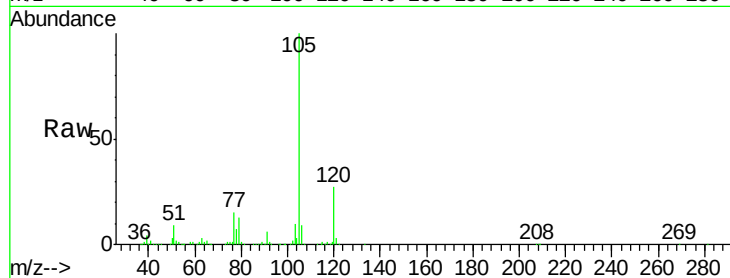
120 26.9 13.4 40.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

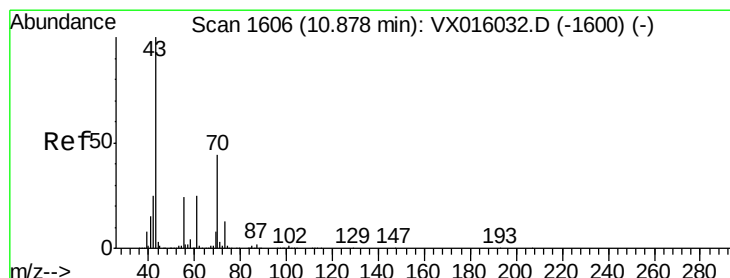
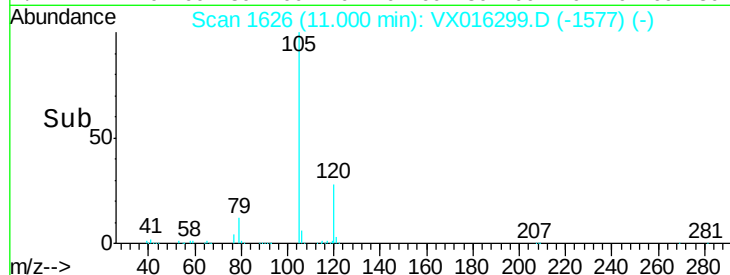
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 16.944 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion: 43 Resp: 132789

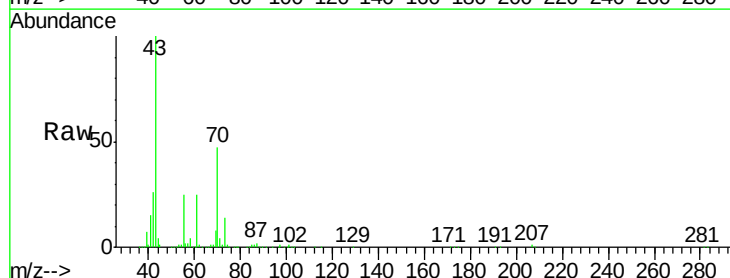
Ion Ratio Lower Upper

43 100

70 47.0 36.5 54.7

55 25.9 19.7 29.5

61 26.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

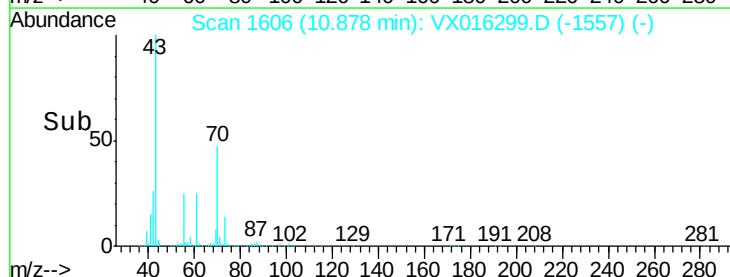
50000

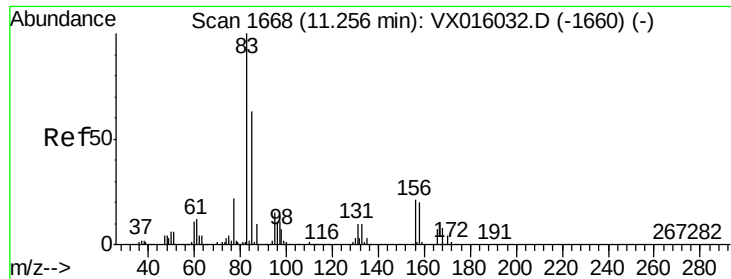
0

10.88

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.444 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

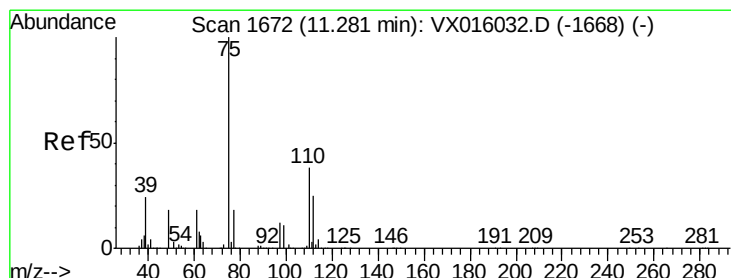
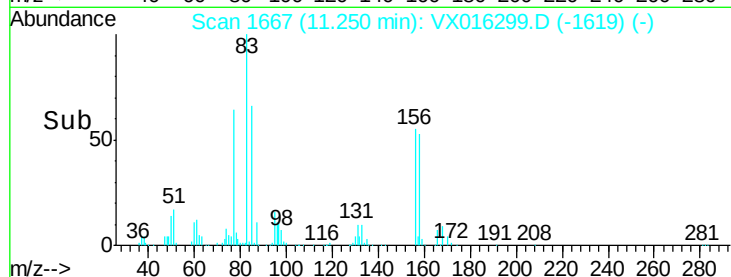
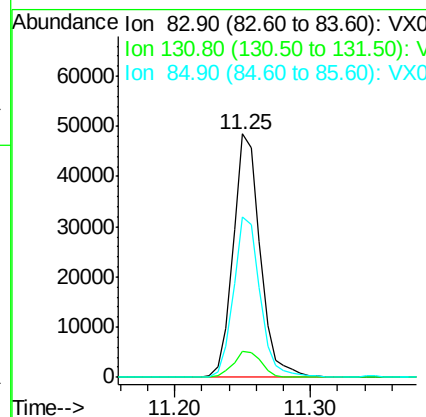
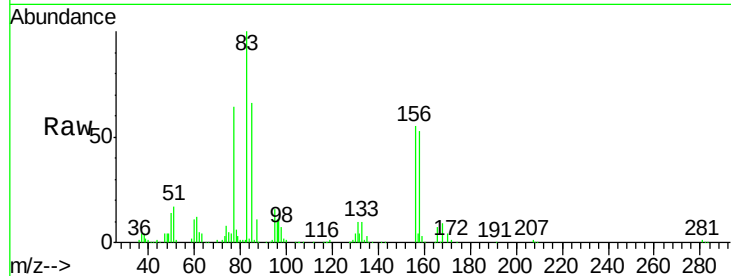
ClientSampleId :

VX0518WBSD01

Tot Ion:	83	Resp:	66499
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	65.4	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.073 ug/l m

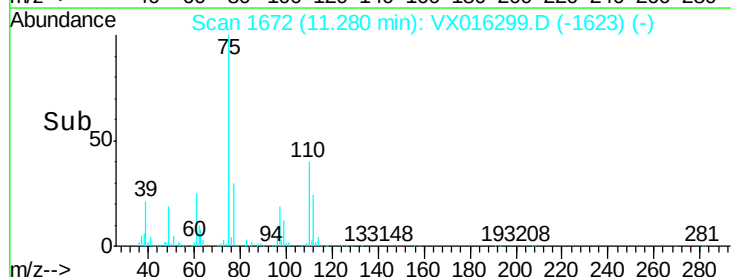
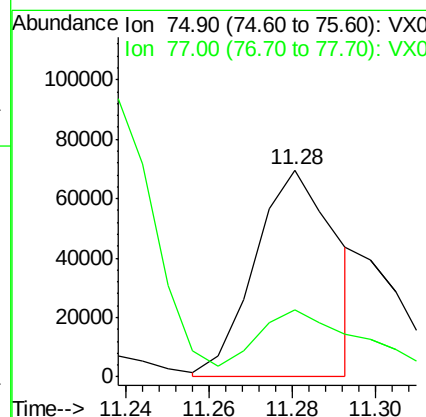
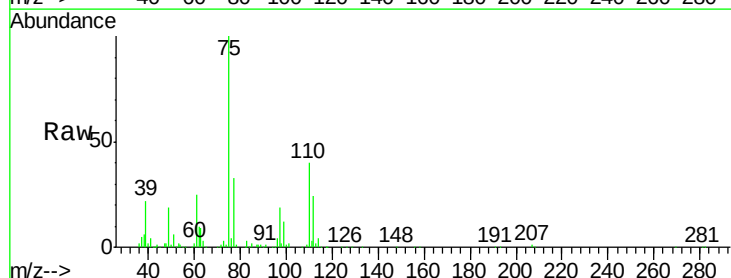
RT: 11.28 min Scan# 1672

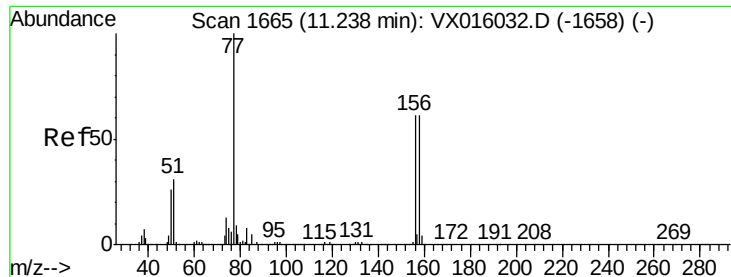
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion:	75	Resp:	94736
Ion Ratio	Lower	Upper	
75	100		
77	42.7	21.2	63.6





#77

Bromobenzene

Concen: 18.017 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

Tot Ion:156 Resp: 78136

Ion Ratio Lower Upper

156 100

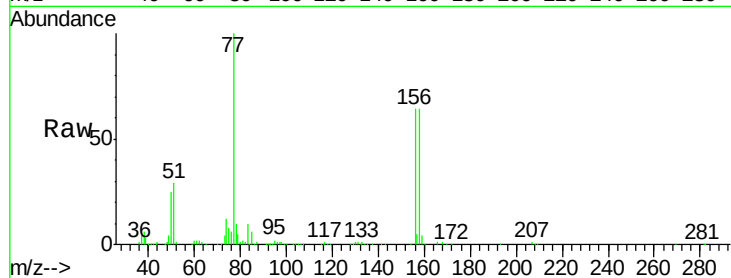
77 153.6 80.1 240.3

158 97.0 49.4 148.2

Manual Integrations
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MMDadoda

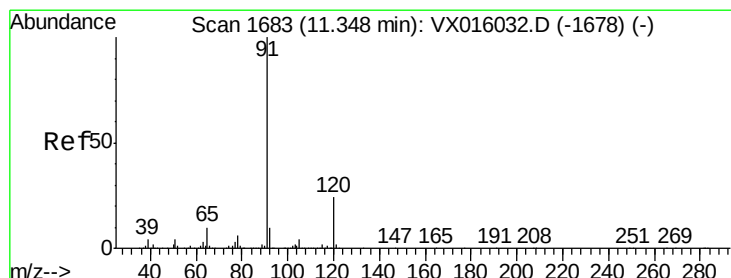
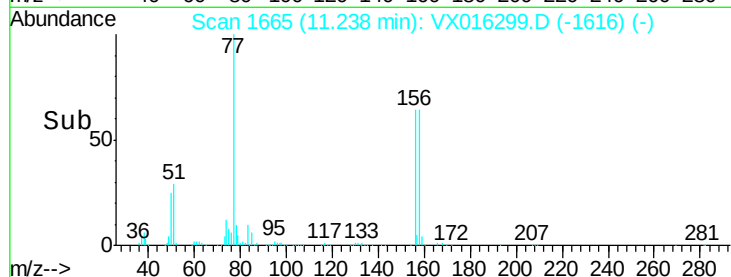
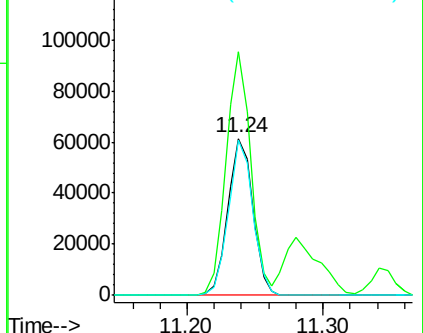
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.678 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016299.D

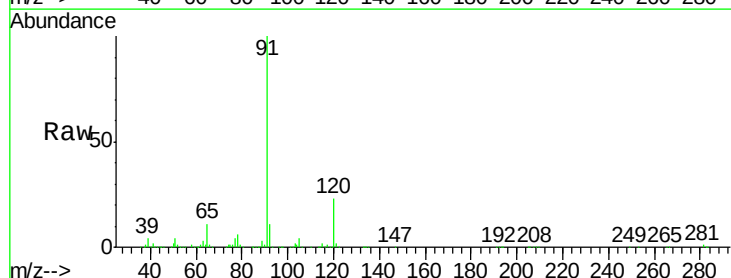
Acq: 18 May 2020 15:25

Tgt Ion: 91 Resp: 325988

Ion Ratio Lower Upper

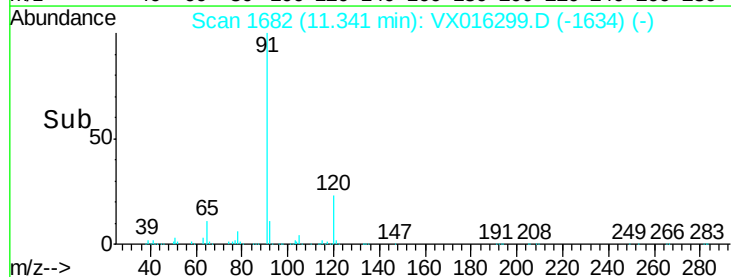
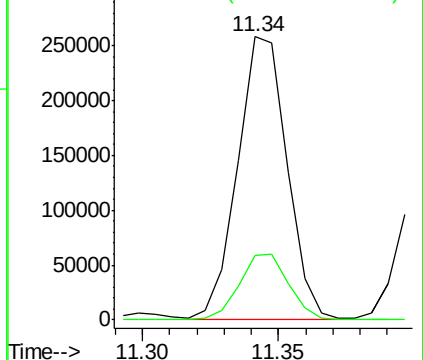
91 100

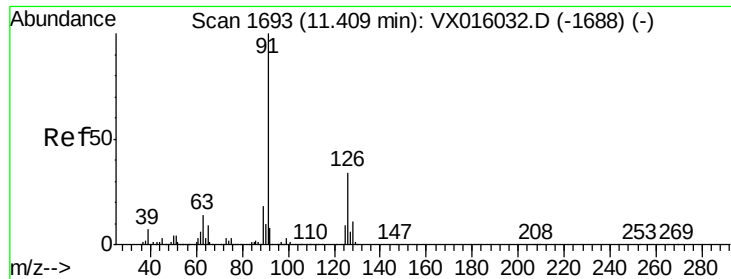
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





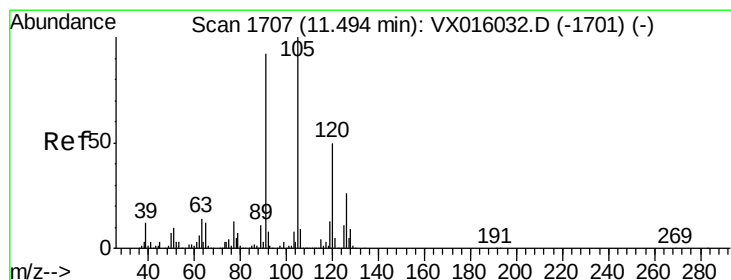
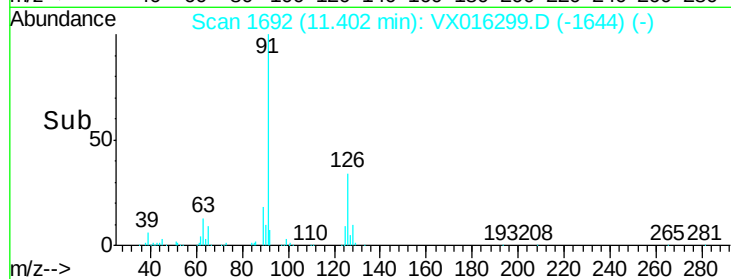
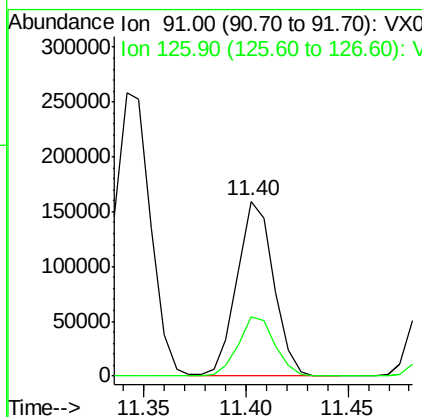
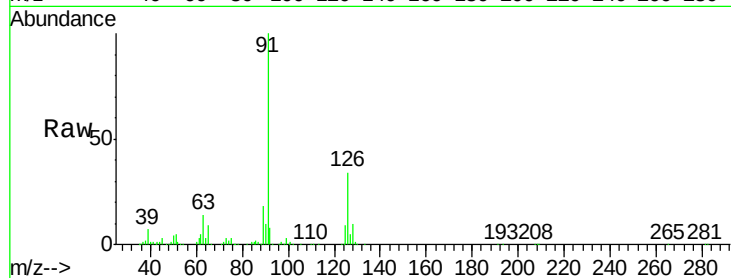
#79
 2-Chlorotoluene
 Concen: 17.316 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion: 91 Resp: 199782
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.6

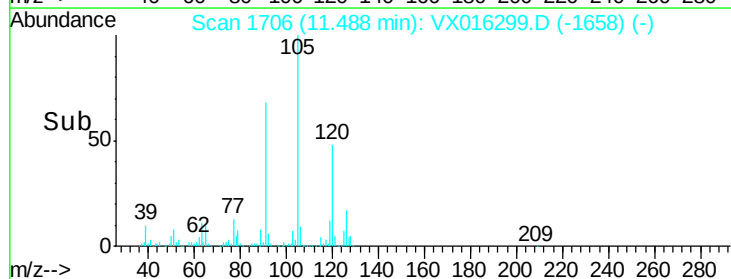
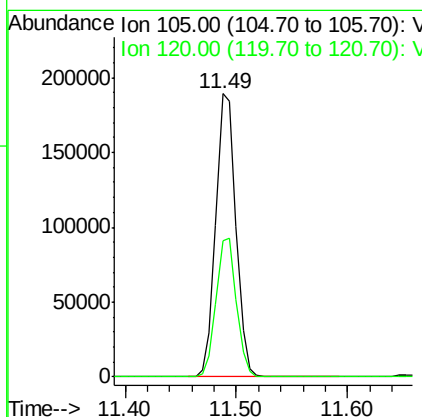
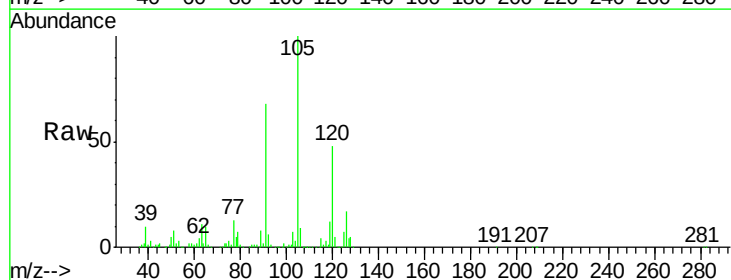
Manual Integrations
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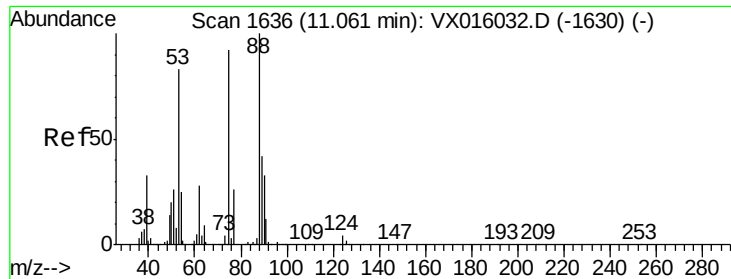
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#80
 1,3,5-Trimethylbenzene
 Concen: 16.729 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion: 105 Resp: 237325
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 74.0





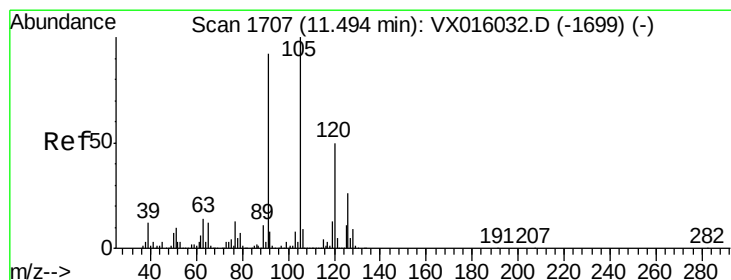
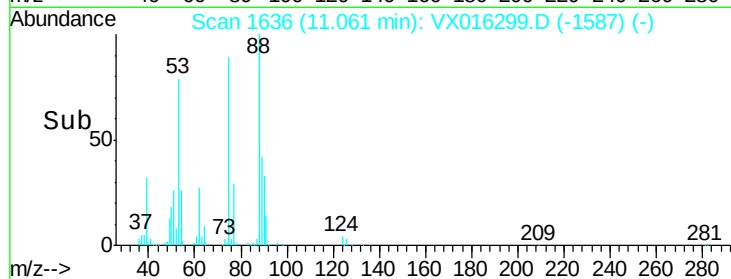
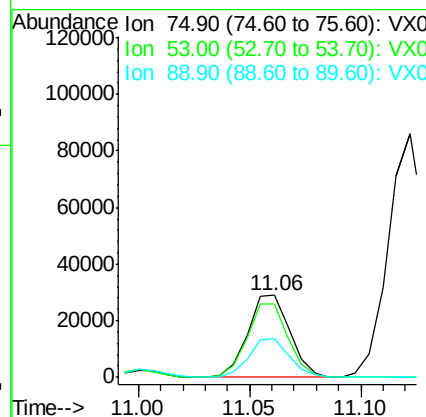
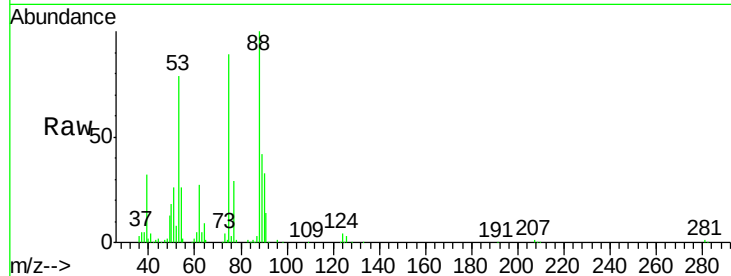
#81
trans-1,4-Dichloro-2-butene
Concen: 17.277 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.8	73.1	109.7
89	46.7	36.7	55.1

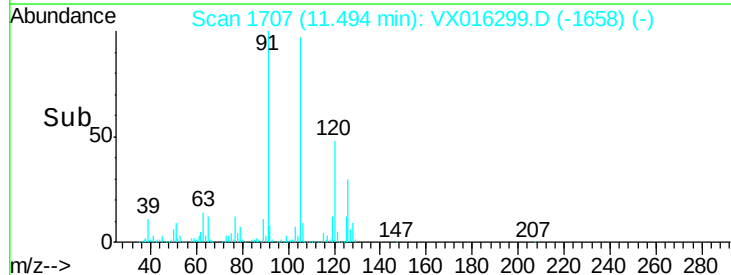
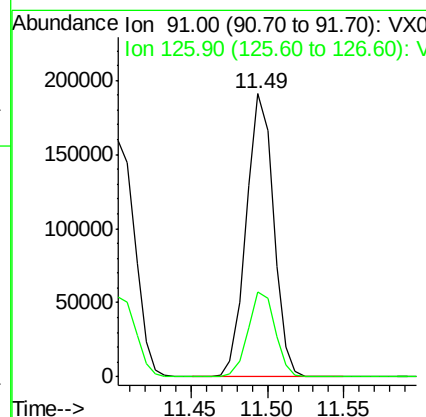
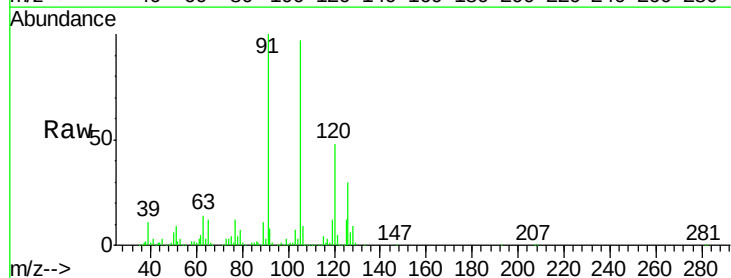
Manual Integrations
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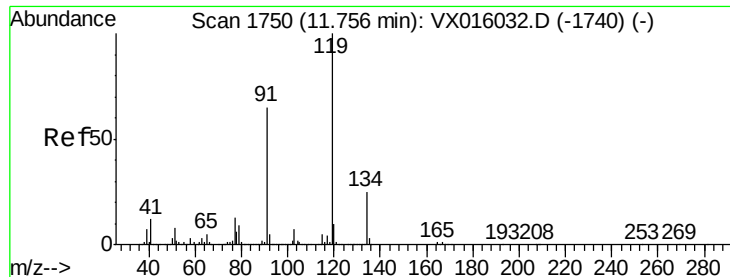
MMDadoda
5/19/2020 1:38:49 PM



#82
4-Chlorotoluene
Concen: 17.385 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.8	44.3





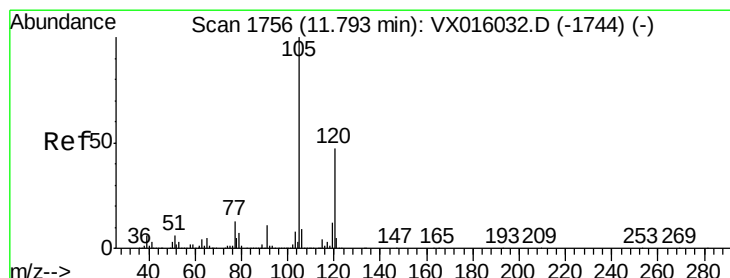
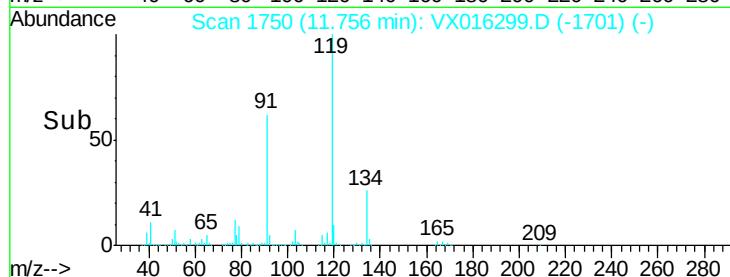
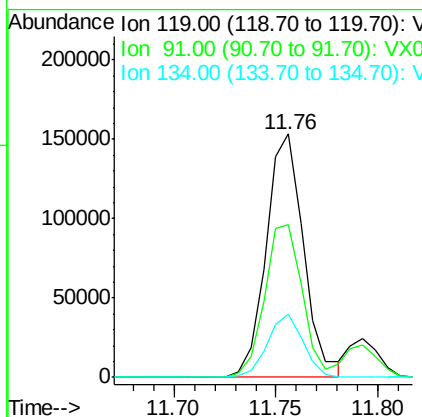
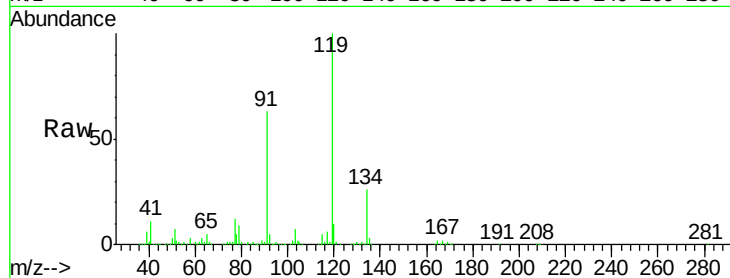
#83
 tert-Butylbenzene
 Concen: 16.031 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	195993		
91	63.0		32.8	98.4
134	24.7		12.4	37.0

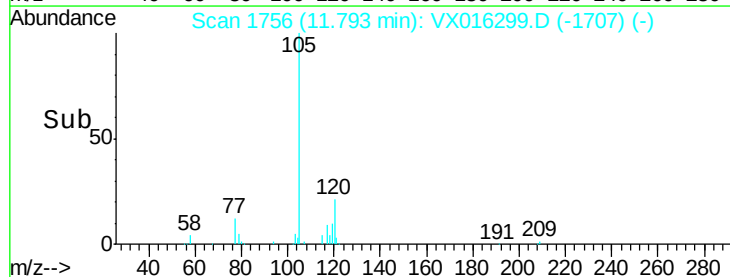
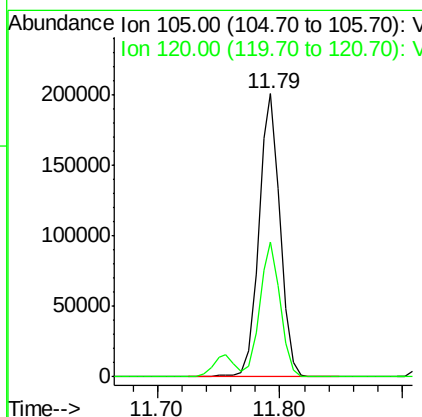
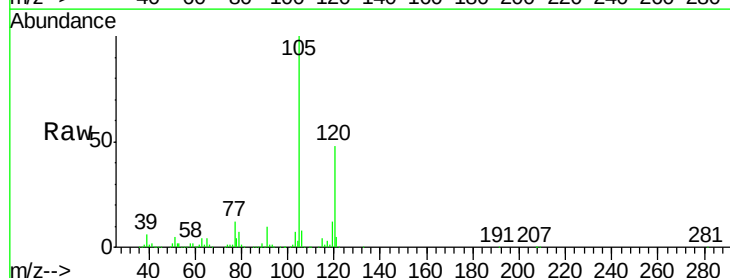
Manual Integrations
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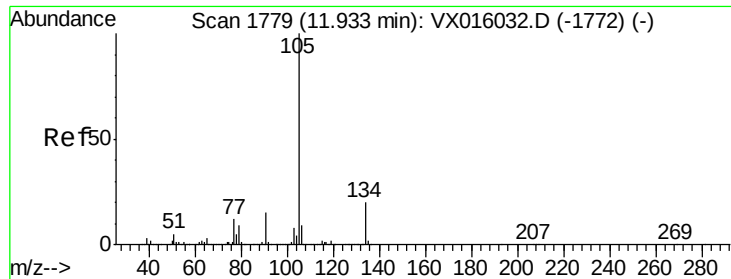
MMDadoda
 5/19/2020 1:38:49 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 16.861 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241827		
120	46.3		23.0	69.0





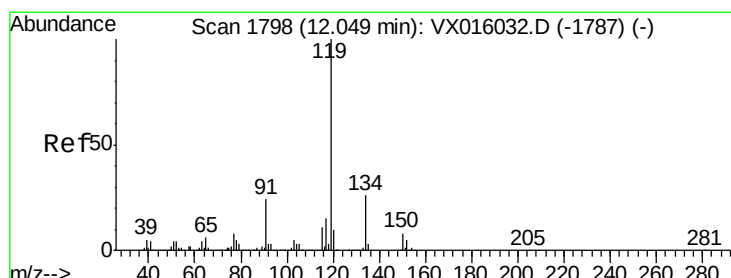
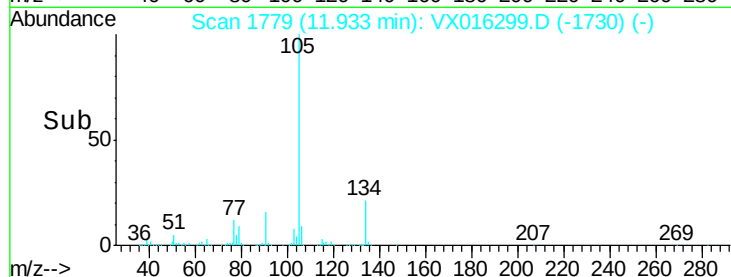
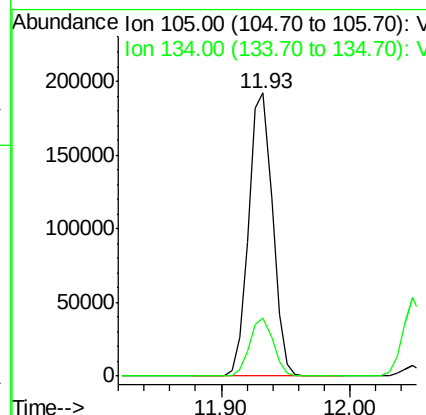
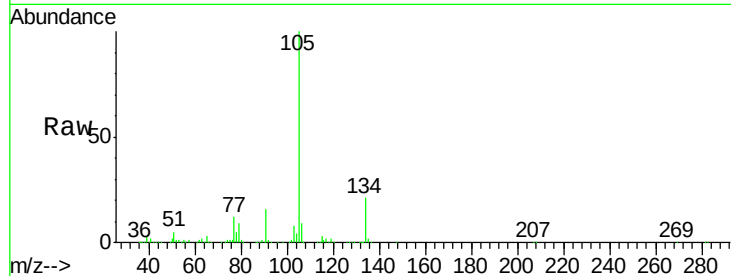
#85
 sec-Butylbenzene
 Concen: 14.815 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	244552		
134	20.4	10.1	30.3	

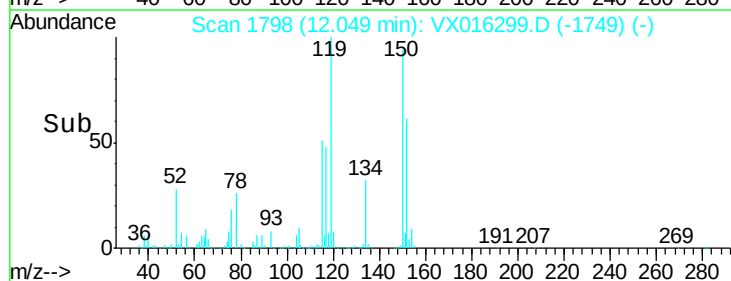
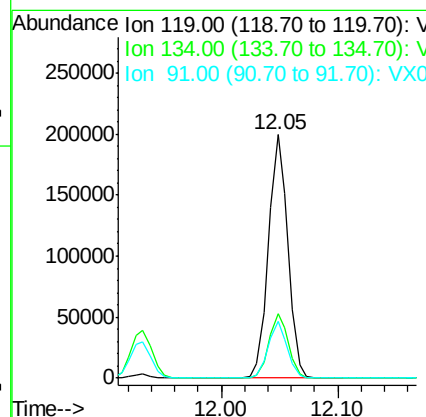
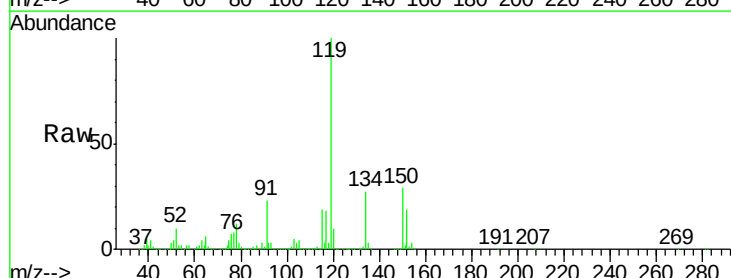
Manual Integrations
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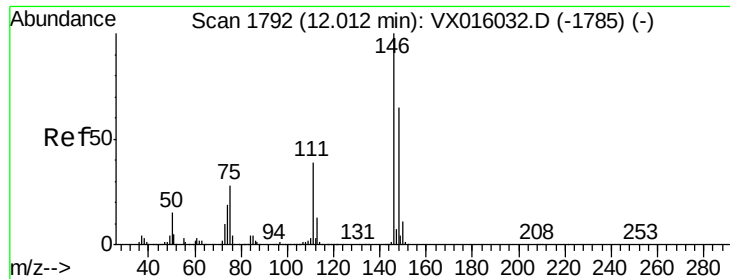
MMDadoda
 5/19/2020 1:38:49 PM



#86
 p-Isopropyltoluene
 Concen: 14.981 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	229595		
134	26.5	13.1	39.3	
91	23.0	11.8	35.4	





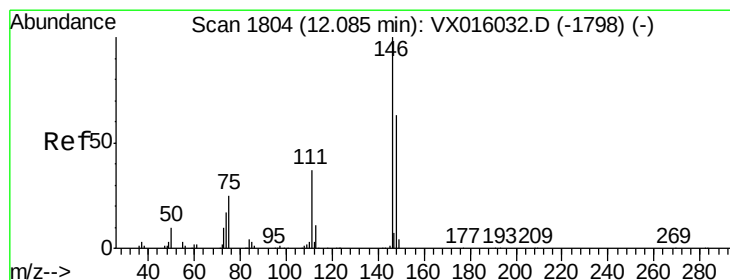
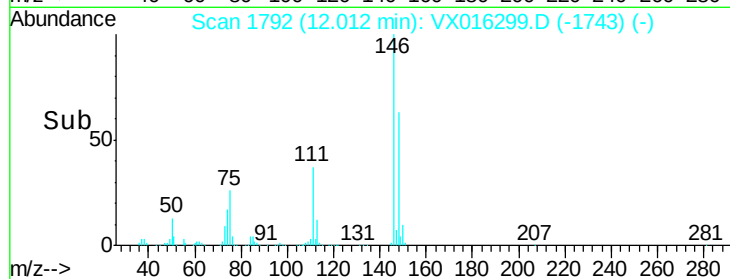
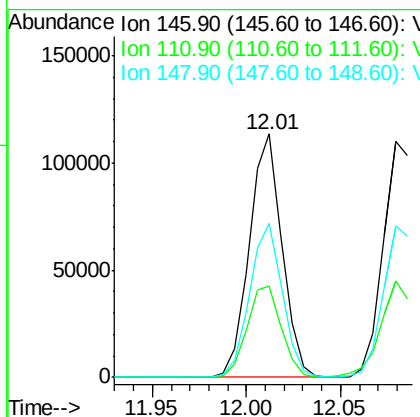
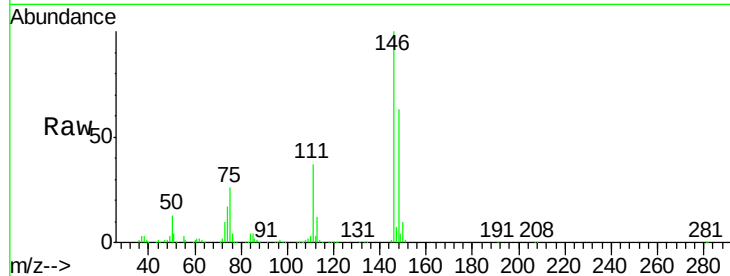
#87
 1,3-Dichlorobenzene
 Concen: 17.492 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.6
148	63.4	32.1	96.3

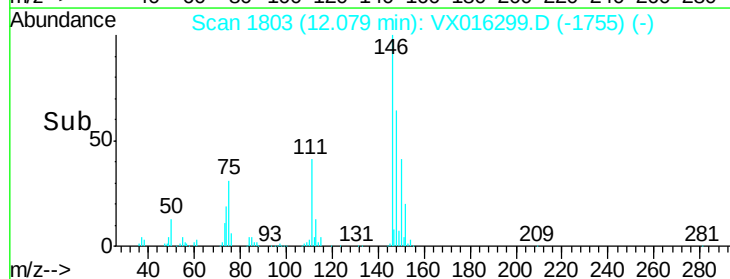
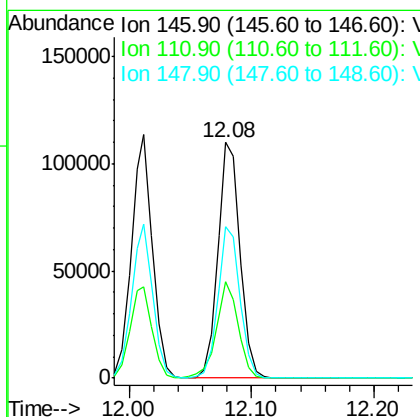
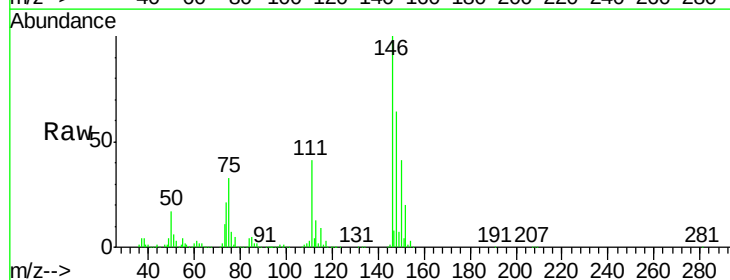
Manual Integrations
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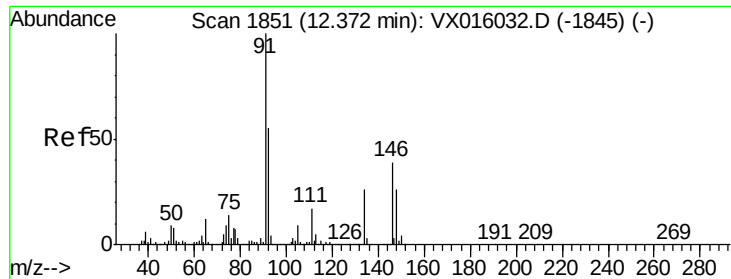
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#88
 1,4-Dichlorobenzene
 Concen: 17.482 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.7
148	64.2	31.8	95.3





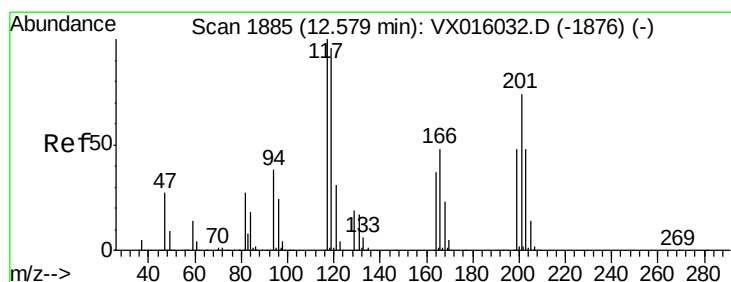
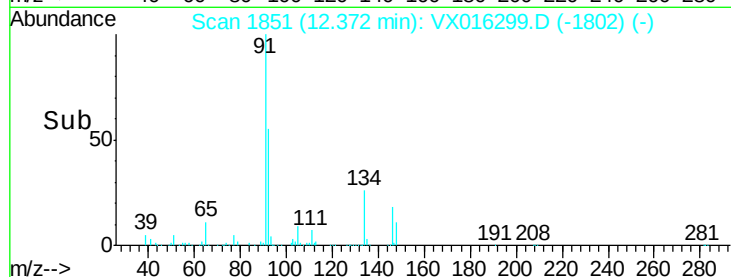
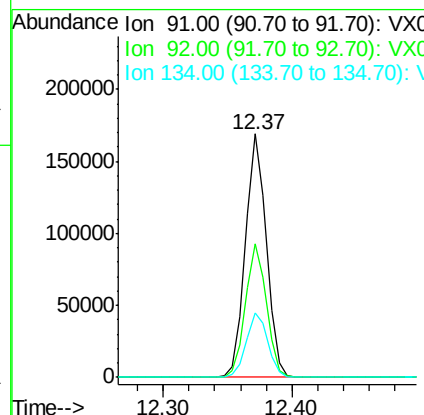
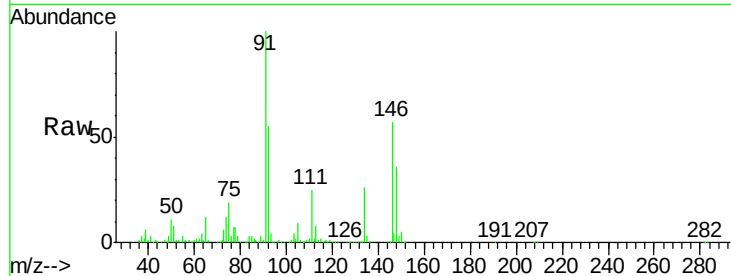
#89
n-Butylbenzene
Concen: 13.576 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	190073		
92	55.0		27.6	82.7
134	26.9		13.4	40.1

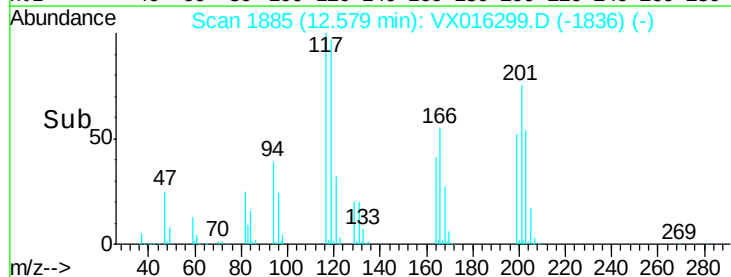
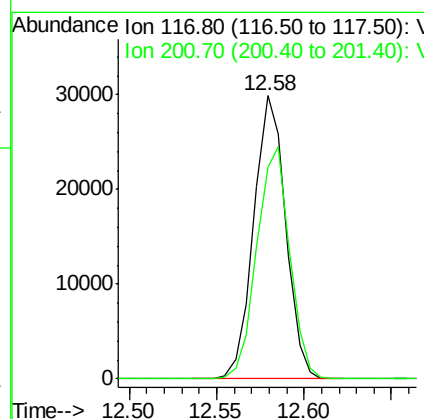
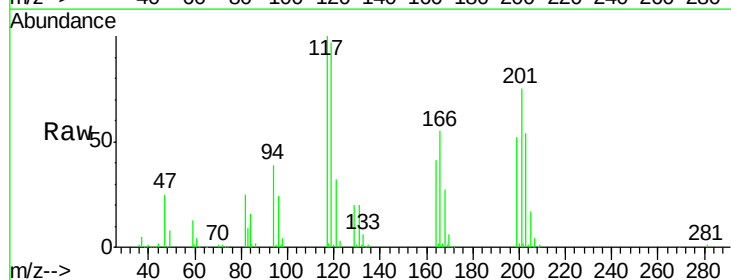
Manual Integrations
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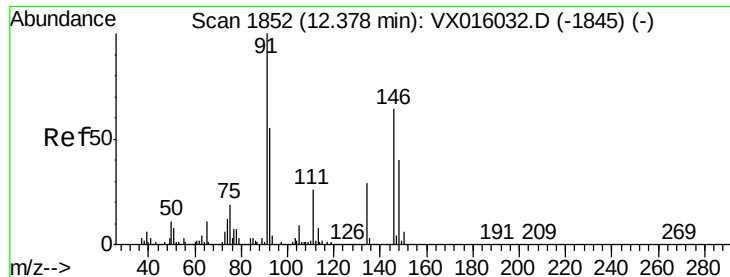
MMDadoda
5/19/2020 1:38:49 PM



#90
Hexachloroethane
Concen: 14.419 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37952		
201	84.3		39.8	119.3





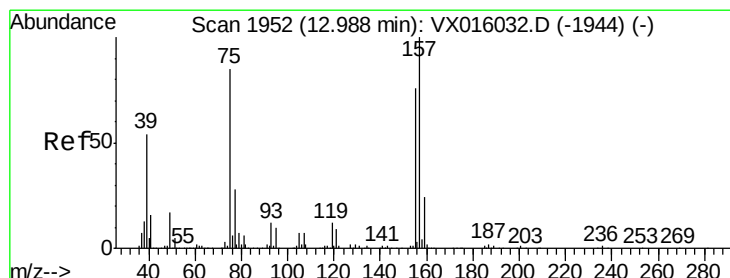
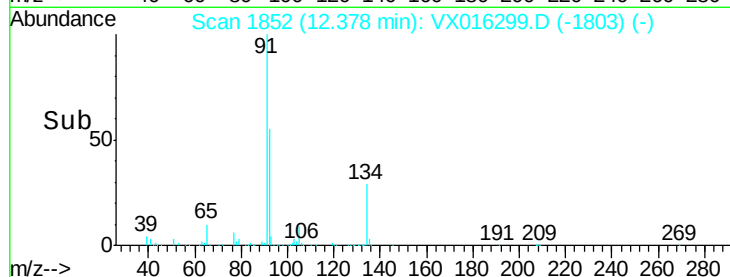
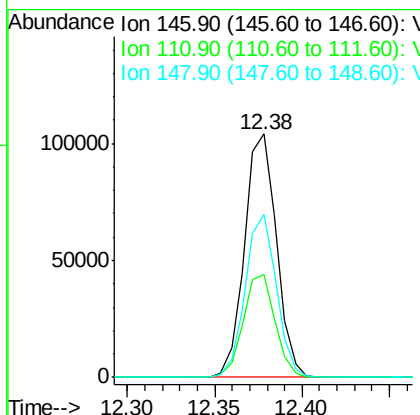
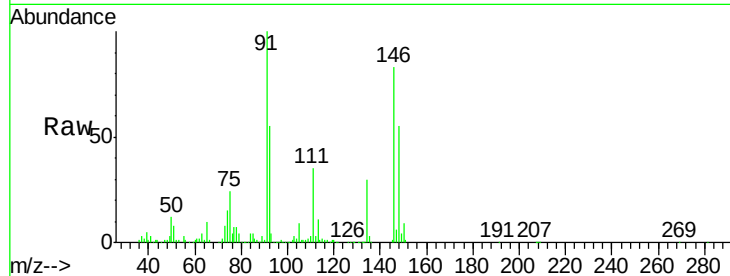
#91
 1,2-Dichlorobenzene
 Concen: 17.605 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132002		
111	42.2	21.1	63.1	
148	65.4	32.4	97.0	

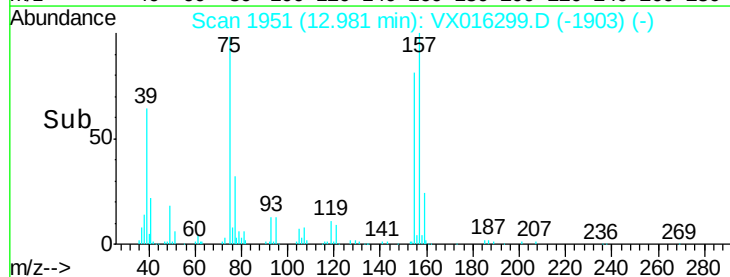
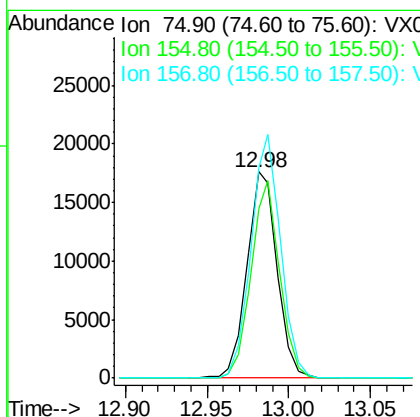
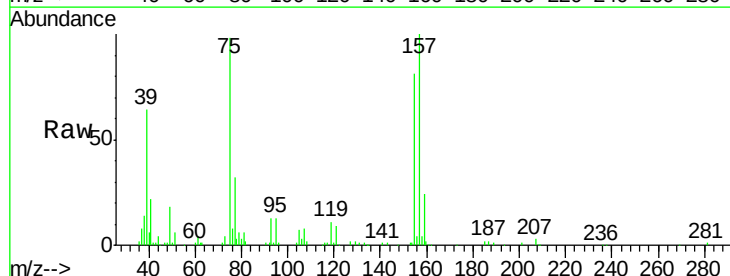
Manual Integrations
 APPROVED

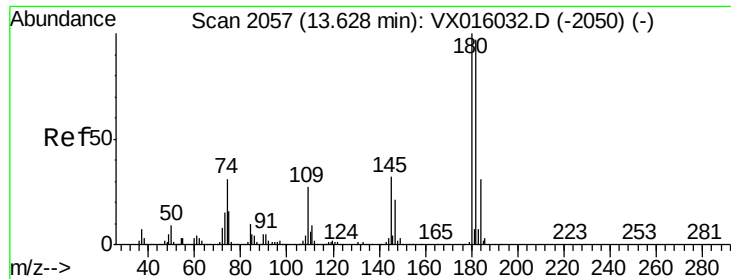
MMDadoda
 5/19/2020 1:38:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.333 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22565		
155	90.5	42.5	127.5	
157	116.0	55.3	165.8	





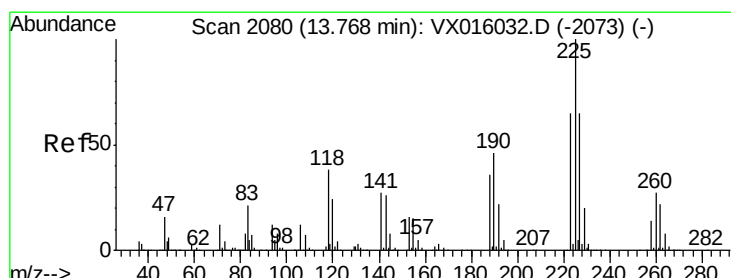
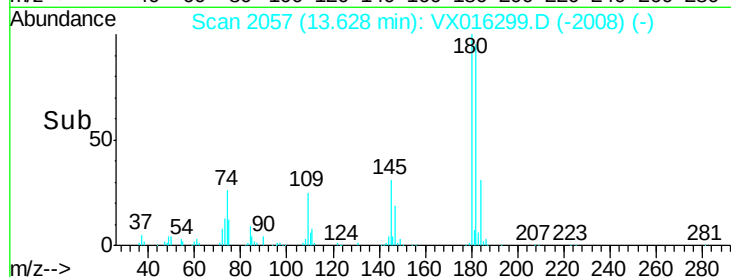
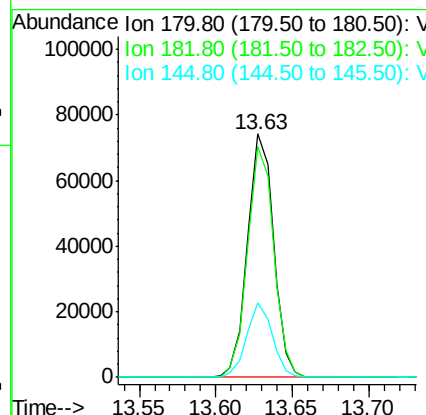
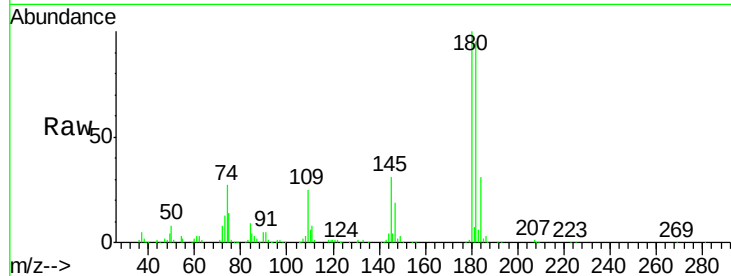
#93
 1,2,4-Trichlorobenzene
 Concen: 15.848 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	87977		
182	95.4	48.7	146.1	
145	30.1	15.7	47.1	

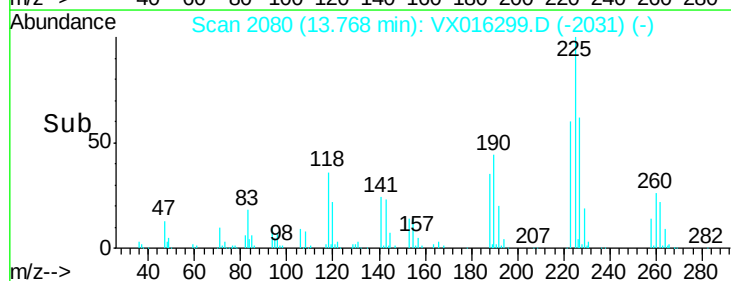
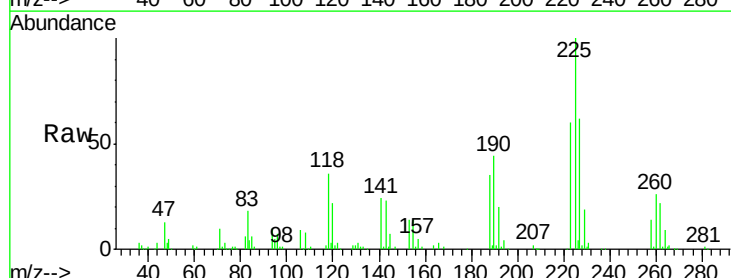
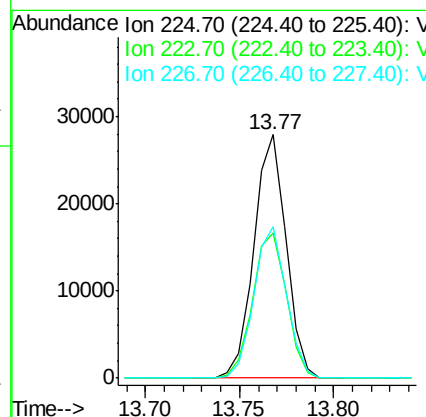
Manual Integrations
 APPROVED

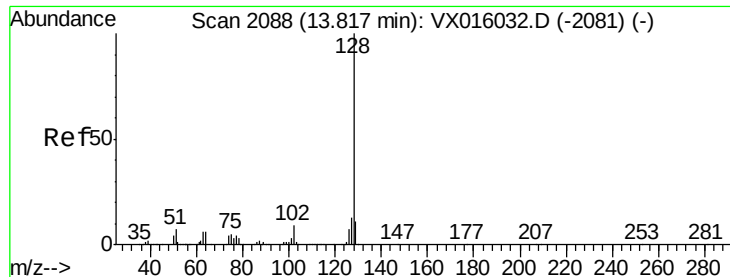
MMDadoda
 5/19/2020 1:38:49 PM



#94
 Hexachlorobutadiene
 Concen: 14.213 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33068		
223	62.4	32.3	96.9	
227	62.6	31.8	95.4	





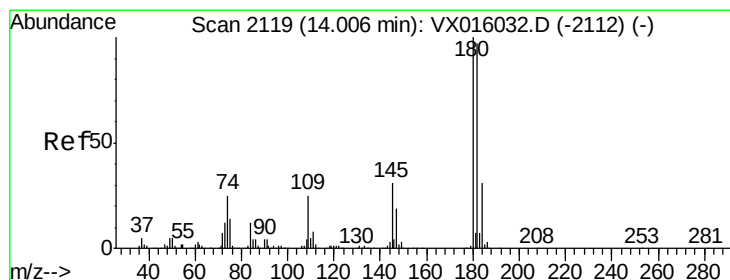
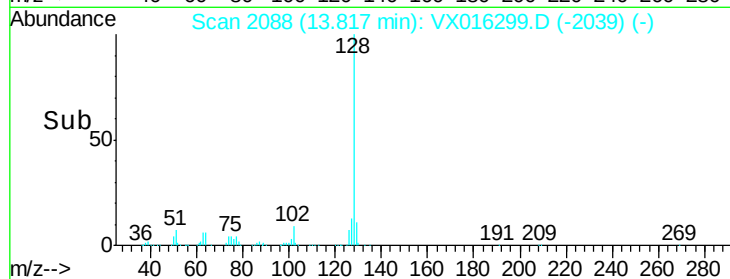
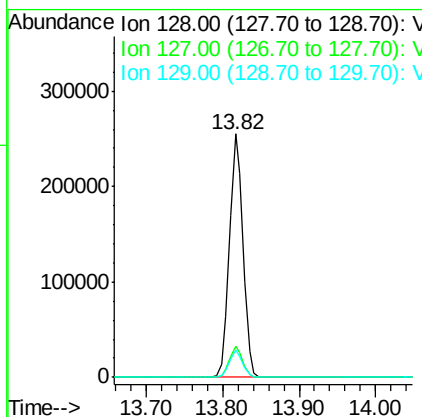
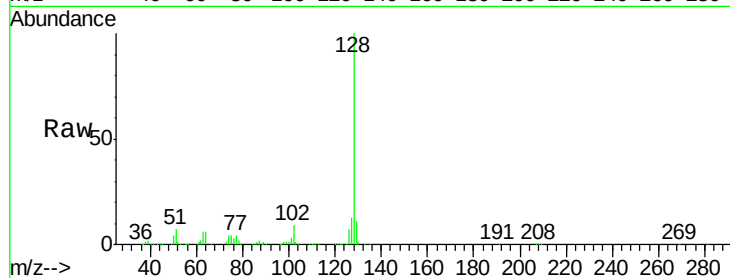
#95
Naphthalene
Concen: 17.351 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

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

Manual Integrations
APPROVED

MMDadoda
5/19/2020 1:38:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 15.699 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.0
145	32.2	16.4	49.1

