

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016798.D
 Acq On : 16 Jun 2020 23:48
 Operator : JC/SP
 Sample : VX0616WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:35:06 AM

Quant Time: Jun 17 06:47:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162123	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.47	113	136072	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	8.70	98	526303	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.12	95	194996	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	62717	18.768	ug/l 100
3) Chloromethane	1.31	50	58989	18.180	ug/l 99
4) Vinyl Chloride	1.39	62	67341	19.451	ug/l 98
5) Bromomethane	1.63	94	45278	21.058	ug/l 100
6) Chloroethane	1.71	64	45676	21.417	ug/l 98
7) Trichlorofluoromethane	1.92	101	100969	20.249	ug/l 96
8) Diethyl Ether	2.17	74	40735	20.005	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55939	22.050	ug/l 97
10) Methyl Iodide	2.50	142	45014	14.196	ug/l 98
11) Tert butyl alcohol	3.01	59	76861	91.512	ug/l 99
12) 1,1-Dichloroethene	2.36	96	58823	20.248	ug/l 95
13) Acrolein	2.27	56	33997	96.493	ug/l 96
14) Allyl chloride	2.71	41	84863	18.678	ug/l 96
15) Acrylonitrile	3.11	53	156568	91.867	ug/l 100
16) Acetone	2.42	43	159184	104.966	ug/l 100
17) Carbon Disulfide	2.55	76	168655	20.271	ug/l 99
18) Methyl Acetate	2.75	43	77899	19.244	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	177909	17.968	ug/l 98
20) Methylene Chloride	2.84	84	58276	17.840	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	55756	17.860	ug/l 98
22) Diisopropyl ether	3.82	45	159187	18.652	ug/l 98
23) Vinyl Acetate	3.78	43	675352	91.554	ug/l 100
24) 1,1-Dichloroethane	3.67	63	96612	18.099	ug/l 98
25) 2-Butanone	4.64	43	213656	93.481	ug/l 97
26) 2,2-Dichloropropane	4.55	77	69277	14.016	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	64142	17.976	ug/l 95
28) Bromochloromethane	4.98	49	41815	18.364	ug/l 99
29) Tetrahydrofuran	5.09	42	137396	92.796	ug/l 100
30) Chloroform	5.18	83	99572	17.632	ug/l 98
31) Cyclohexane	5.55	56	82667	19.660	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	92843	18.118	ug/l 99
36) 1,1-Dichloropropene	5.77	75	75273	18.791	ug/l 99
37) Ethyl Acetate	4.79	43	82176	18.732	ug/l 99
38) Carbon Tetrachloride	5.76	117	84663	18.610	ug/l 99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83610	18.609	ug/l	96
40) Benzene	6.12	78	225339	18.476	ug/l	99
41) Methacrylonitrile	5.00	41	43458	18.579	ug/l	99
42) 1,2-Dichloroethane	6.16	62	79066	17.762	ug/l	98
43) Isopropyl Acetate	6.42	43	128608	18.705	ug/l	100
44) Trichloroethene	7.19	130	76641	20.315	ug/l	98
45) 1,2-Dichloropropane	7.49	63	56481	18.891	ug/l	98
46) Dibromomethane	7.64	93	38580	17.704	ug/l	100
47) Bromodichloromethane	7.88	83	81367	17.910	ug/l	95
48) Methyl methacrylate	7.74	41	60560	18.584	ug/l	97
49) 1,4-Dioxane	7.71	88	30781	381.688	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	404511	95.477	ug/l	100
52) Toluene	8.77	92	145948	18.422	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87065	16.968	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	92763	17.331	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58035	18.215	ug/l	98
56) Ethyl methacrylate	9.16	69	88272	18.505	ug/l	97
57) 1,3-Dichloropropane	9.35	76	96204	17.963	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	230076	98.094	ug/l	99
59) 2-Hexanone	9.47	43	313051	95.716	ug/l	100
60) Dibromochloromethane	9.57	129	67549	17.939	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63337	18.241	ug/l	97
64) Tetrachloroethene	9.32	164	80087	19.709	ug/l	97
65) Chlorobenzene	10.12	112	158675	18.479	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	60827	17.758	ug/l	99
67) Ethyl Benzene	10.24	91	268909	18.525	ug/l	99
68) m/p-Xylenes	10.34	106	205300	37.302	ug/l	99
69) o-Xylene	10.68	106	97771	18.440	ug/l	100
70) Styrene	10.70	104	172314	18.799	ug/l	99
71) Bromoform	10.84	173	52873	18.091	ug/l #	98
73) Isopropylbenzene	11.00	105	265040	18.734	ug/l	100
74) N-amyl acetate	10.88	43	103687	18.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	69618	16.728	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	82475m	18.189	ug/l	
77) Bromobenzene	11.24	156	71380	17.869	ug/l	99
78) n-propylbenzene	11.34	91	290266	18.892	ug/l	99
79) 2-Chlorotoluene	11.40	91	177386	18.258	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225082	18.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28837	16.011	ug/l	96
82) 4-Chlorotoluene	11.49	91	210171	18.481	ug/l	100
83) tert-Butylbenzene	11.76	119	202084	18.622	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	228024	19.006	ug/l	99
85) sec-Butylbenzene	11.93	105	243848	19.210	ug/l	100
86) p-Isopropyltoluene	12.05	119	229984	18.883	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	124190	18.389	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	125986	17.989	ug/l	99
89) n-Butylbenzene	12.37	91	184782	18.378	ug/l	99
90) Hexachloroethane	12.58	117	40288	17.938	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	119015	17.623	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20797	17.870	ug/l	99

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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85730	18.127	ug/l	98
94) Hexachlorobutadiene	13.77	225	39023	19.009	ug/l	97
95) Naphthalene	13.82	128	276891	18.688	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	86521	18.587	ug/l	100

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

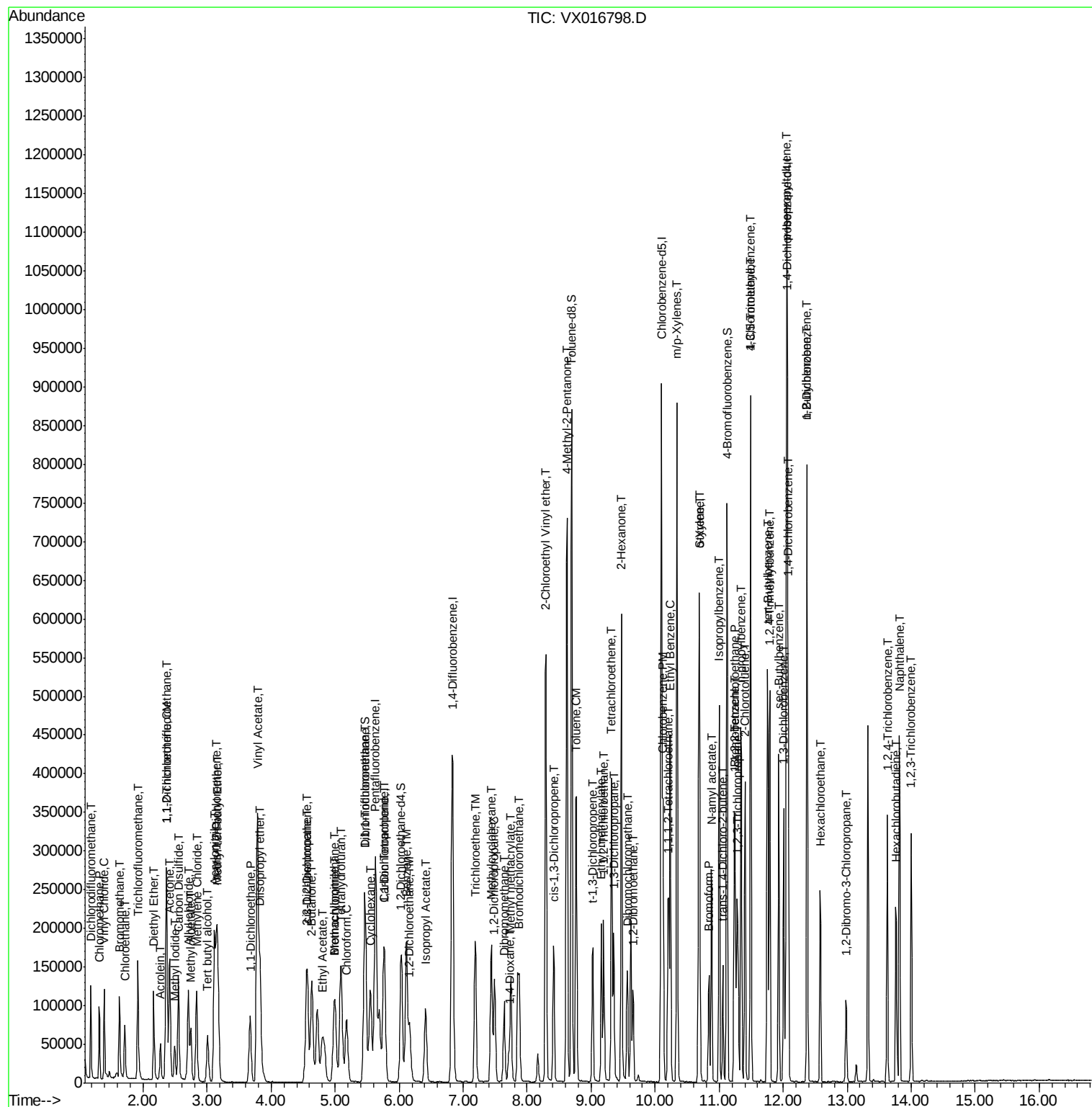
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 Data File : VX016798.D
 Acq On : 16 Jun 2020 23:48
 Operator : JC/SP
 Sample : VX0616WBS02
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 ALS Vial : 35 Sample Multiplier: 1

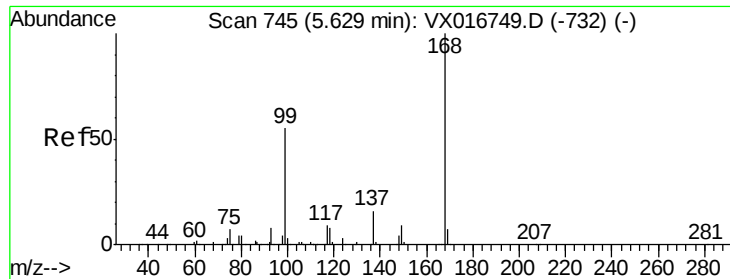
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0616WBS02

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#1

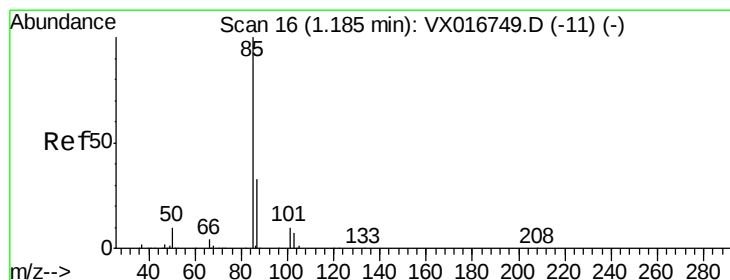
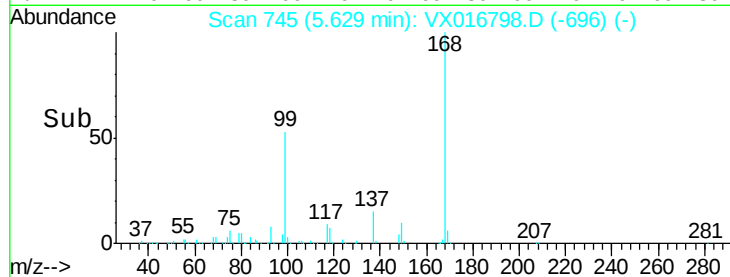
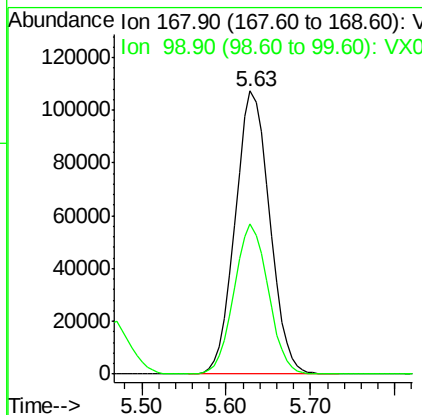
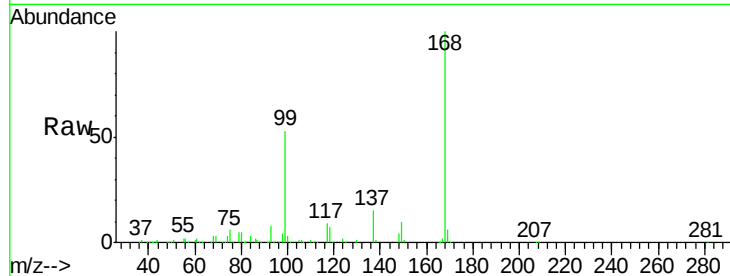
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.1	43.8	65.6

Manual Integrations
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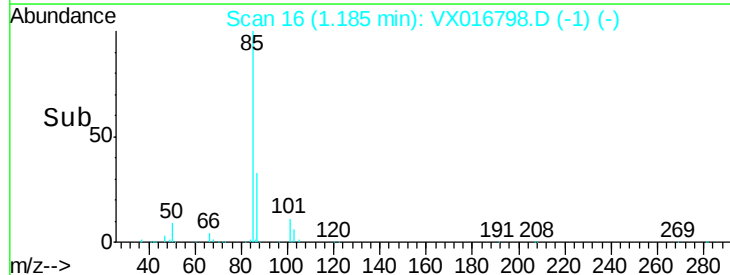
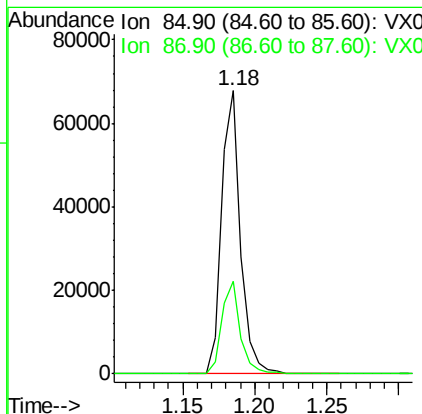
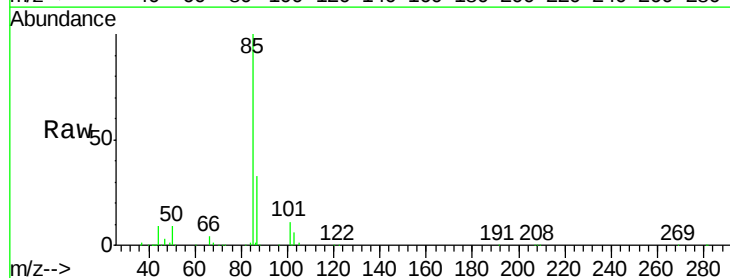
MMDadoda
 6/17/2020 9:35:06 AM

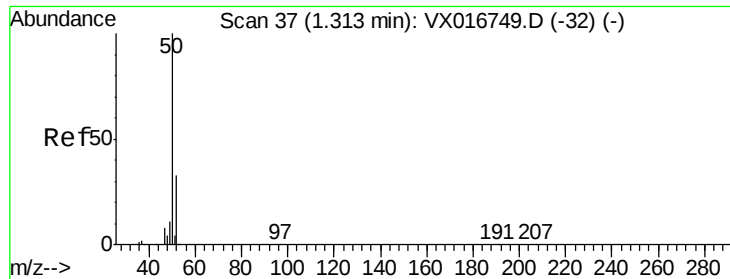


#2

Dichlorodifluoromethane
 Concen: 18.768 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.4	49.2





#3

Chloromethane

Concen: 18.180 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 50 Resp: 58989

Ion Ratio Lower Upper

50 100

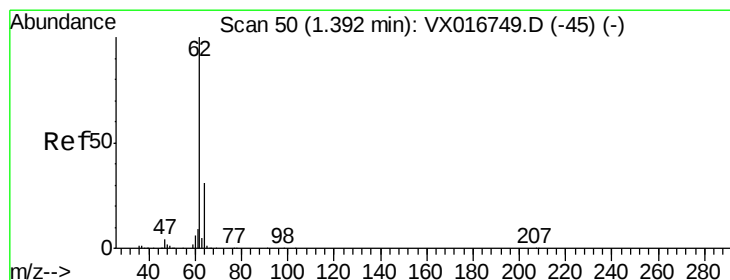
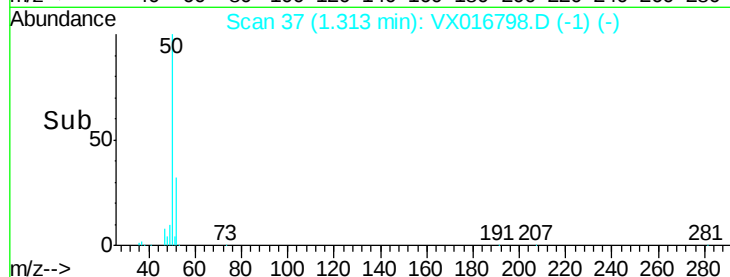
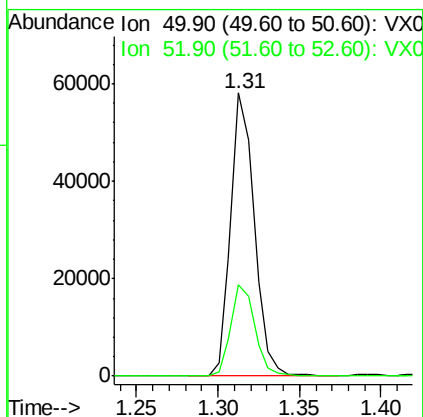
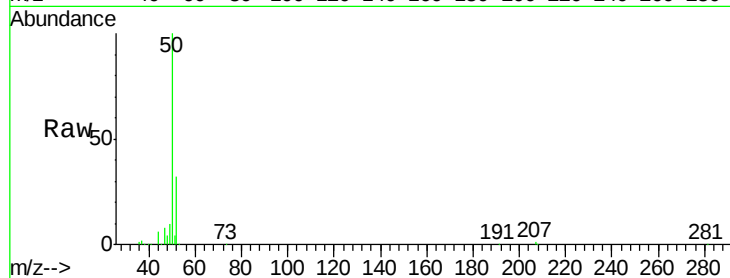
52 32.4 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.451 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016798.D

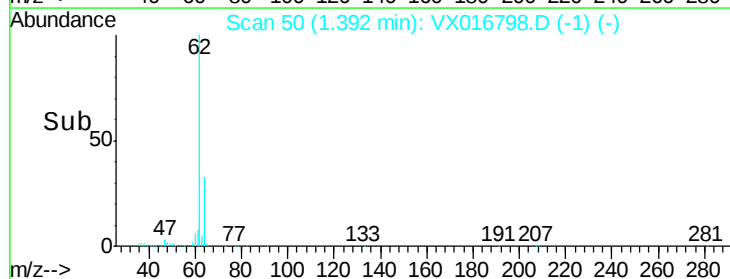
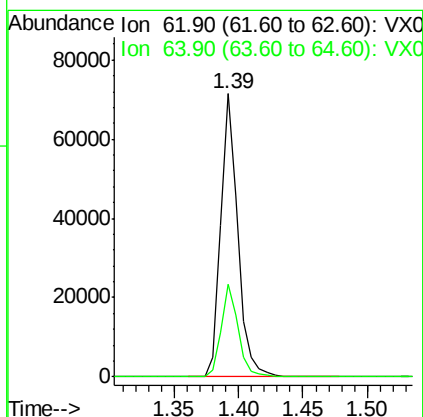
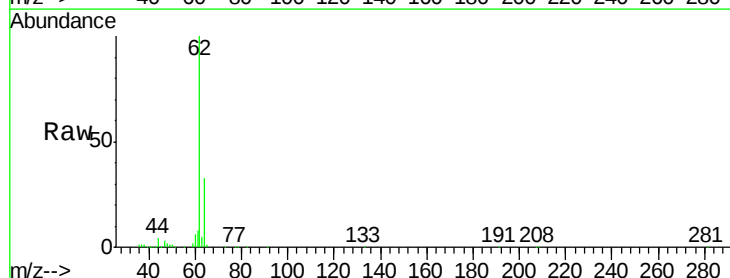
Acq: 16 Jun 2020 23:48

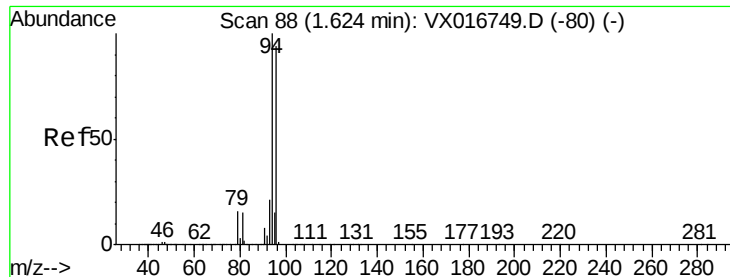
Tgt Ion: 62 Resp: 67341

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 21.058 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 94 Resp: 45278

Ion Ratio Lower Upper

94 100

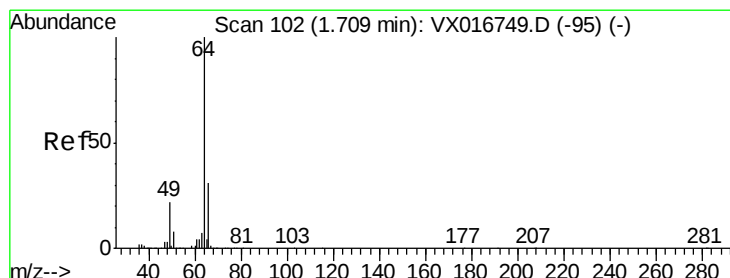
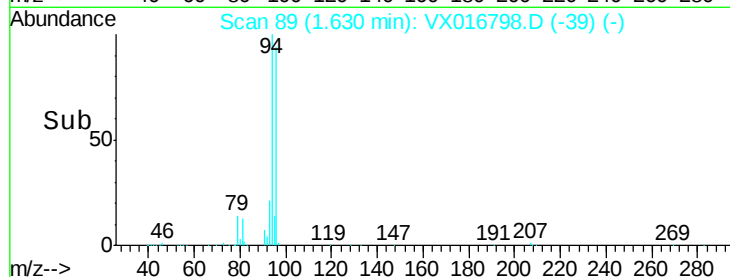
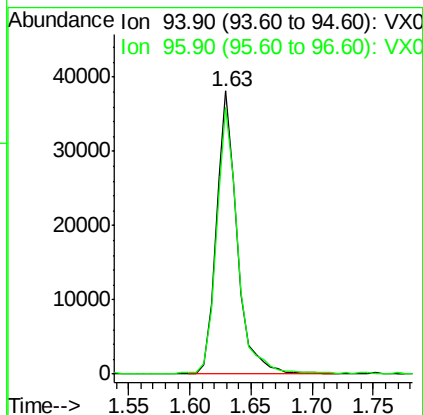
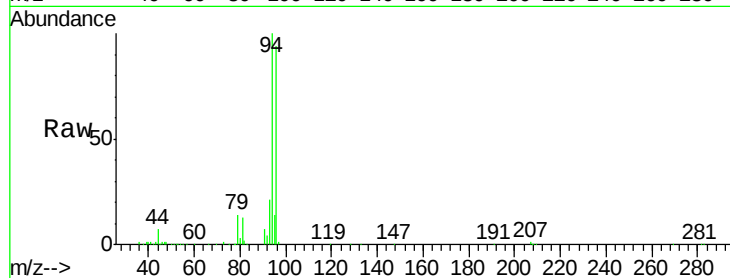
96 93.9 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 21.417 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016798.D

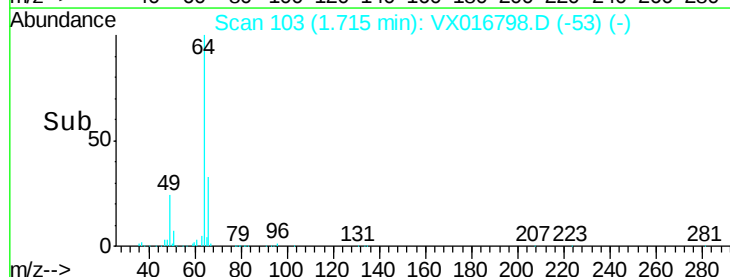
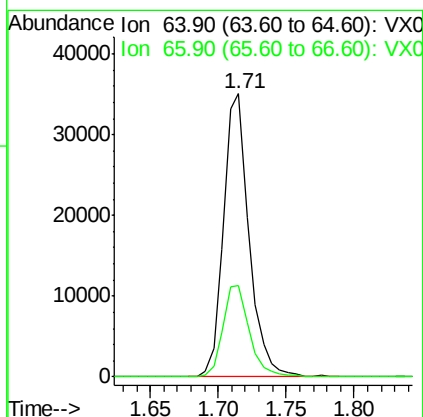
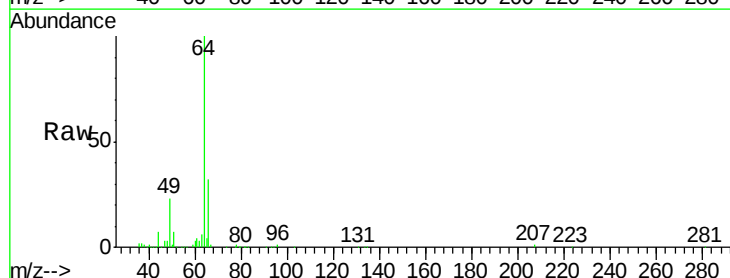
Acq: 16 Jun 2020 23:48

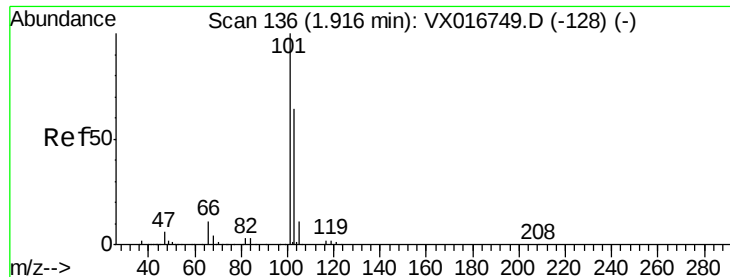
Tgt Ion: 64 Resp: 45676

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6





#7

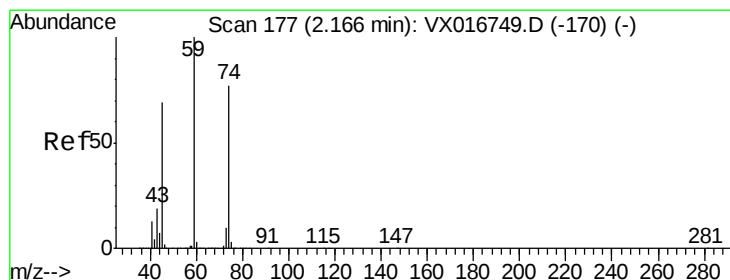
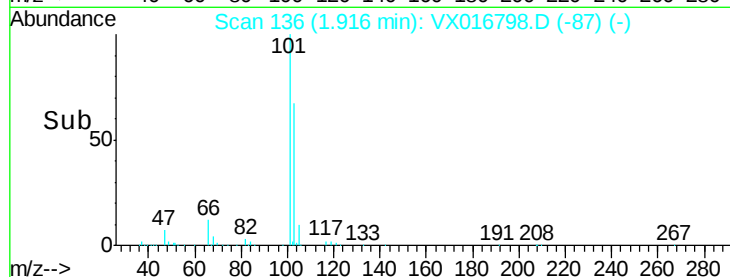
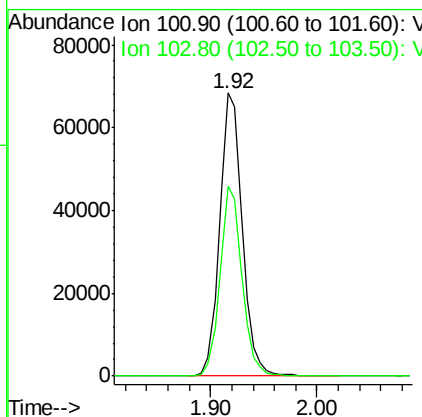
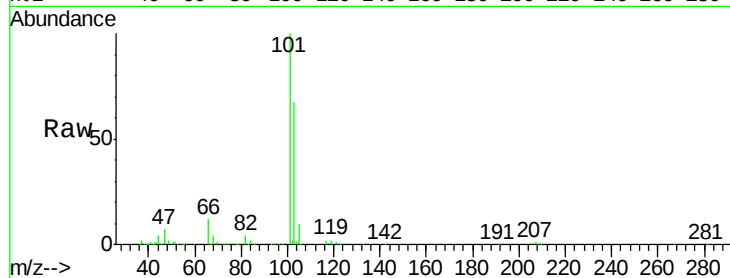
Trichlorofluoromethane
Concen: 20.249 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.3	76.9

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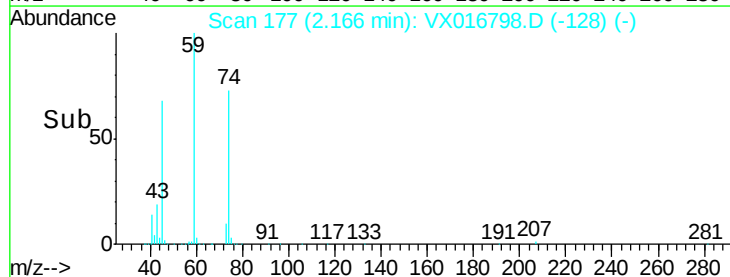
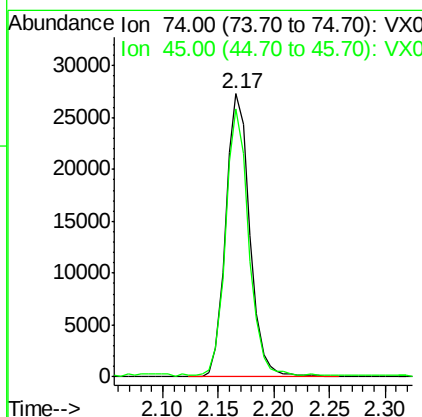
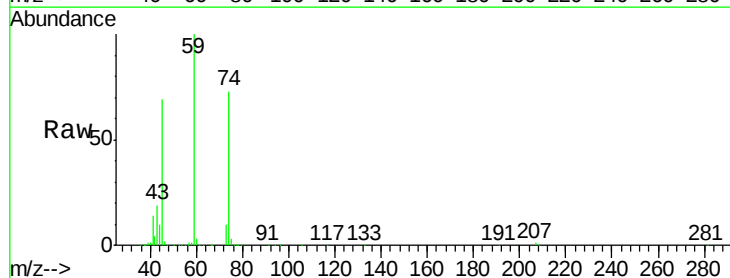
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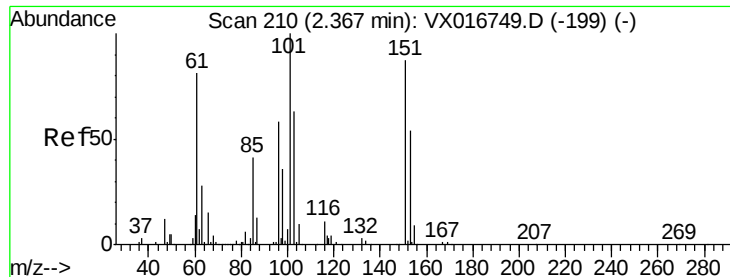


#8

Diethyl Ether
Concen: 20.005 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.8	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.050 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

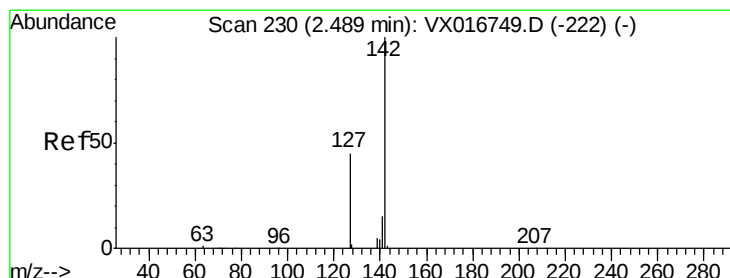
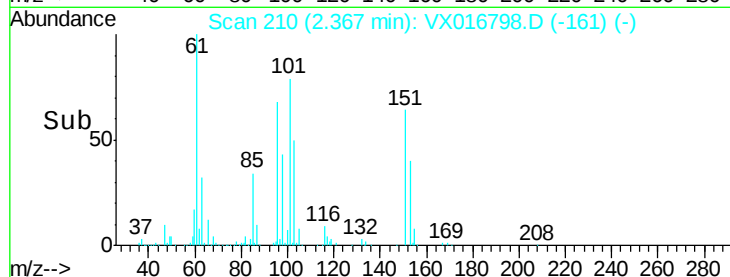
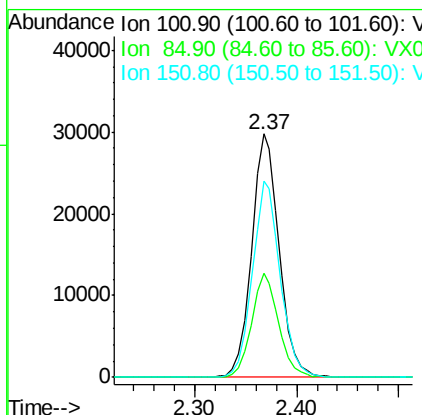
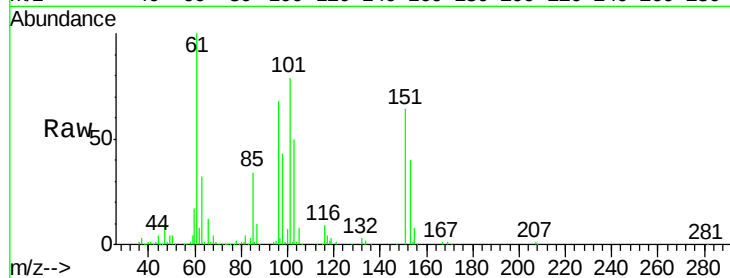
ClientSampleId :

VX0616WBS02

Tot Ion:	101	Resp:	55939
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.0	51.0
151	81.5	68.7	103.1

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#10

Methyl Iodide

Concen: 14.196 ug/l

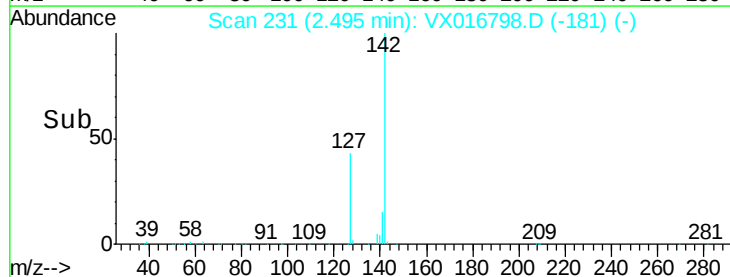
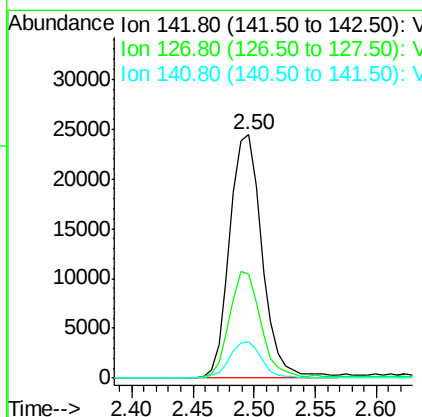
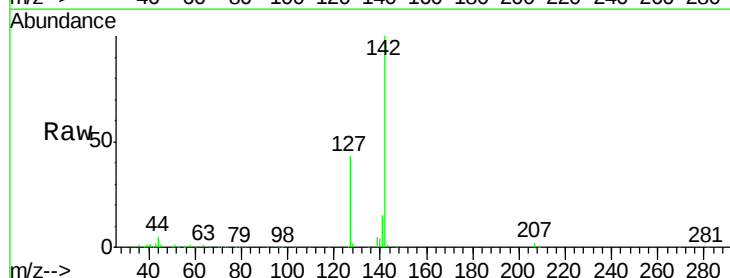
RT: 2.50 min Scan# 231

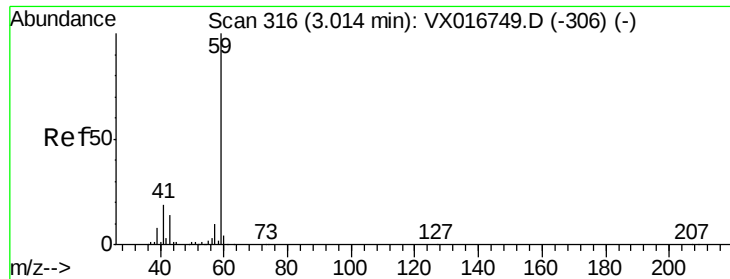
Delta R.T. 0.01 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	142	Resp:	45014
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.4	53.2
141	14.5	11.7	17.5





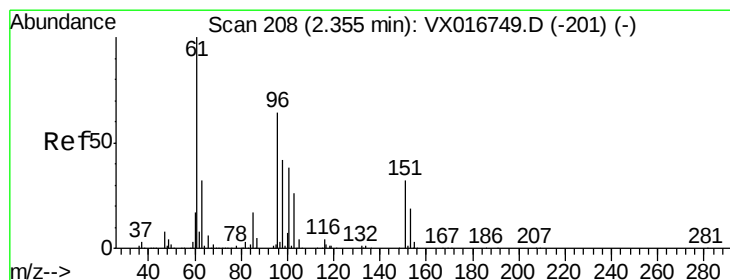
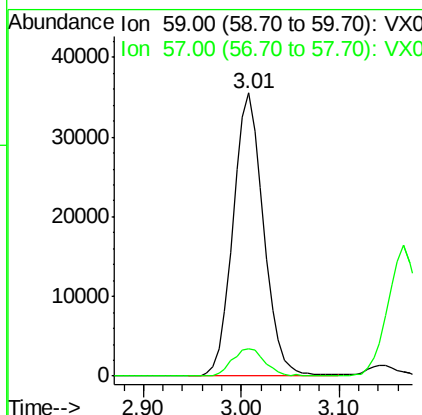
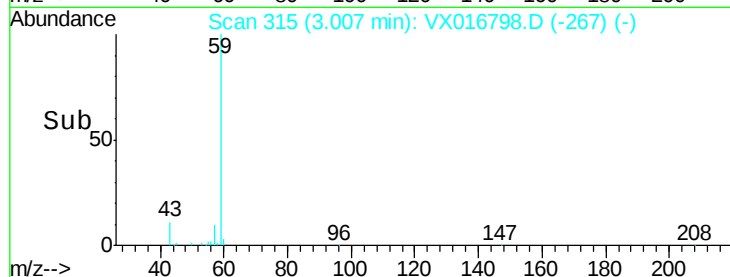
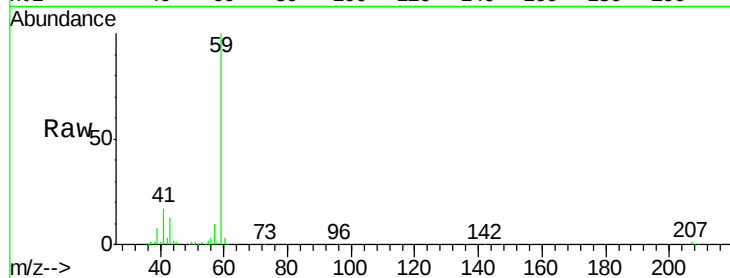
#11
Tert butyl alcohol
Concen: 91.512 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion: 59 Resp: 76861
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

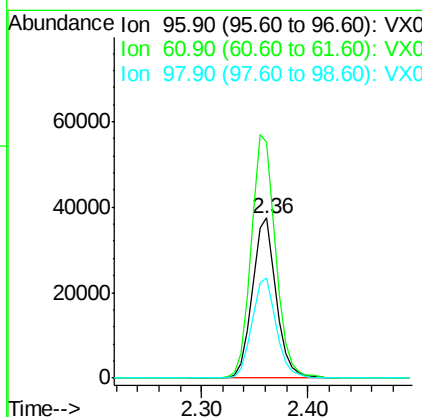
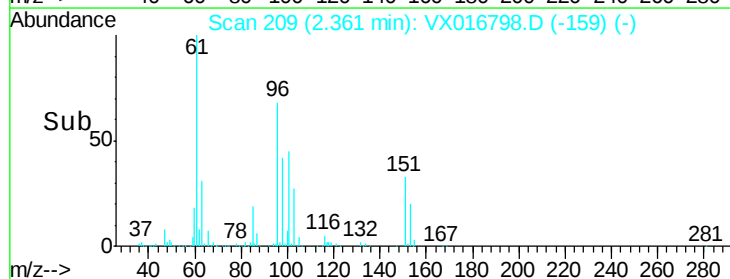
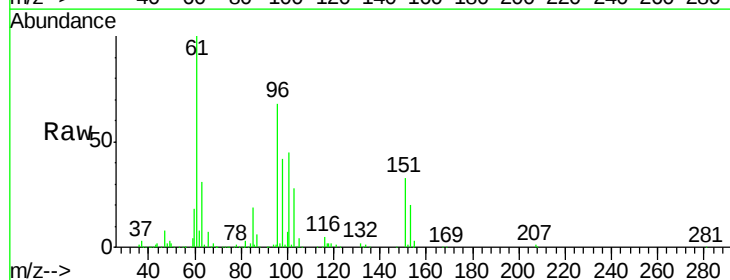
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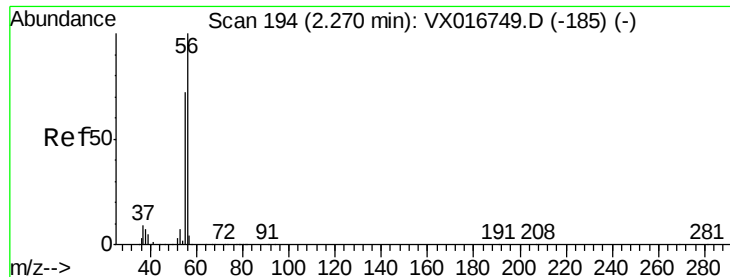
MMDadoda
6/17/2020 9:35:06 AM



#12
1,1-Dichloroethene
Concen: 20.248 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion: 96 Resp: 58823
Ion Ratio Lower Upper
96 100
61 147.7 124.1 186.1
98 62.5 52.7 79.1





#13

Acrolein

Concen: 96.493 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 56 Resp: 33997

Ion Ratio Lower Upper

56 100

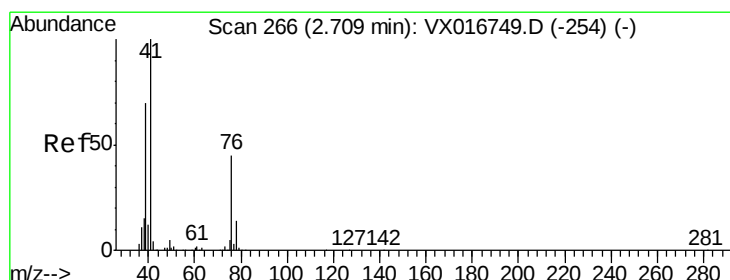
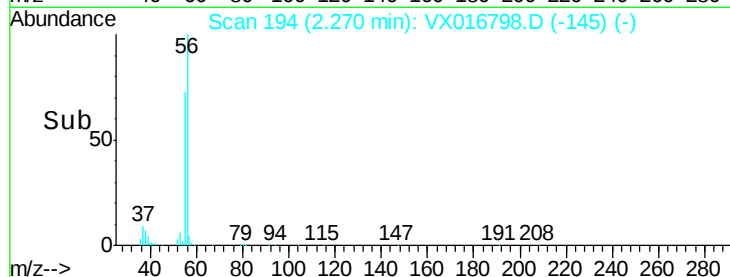
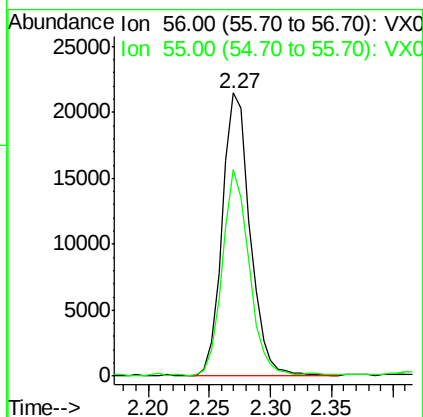
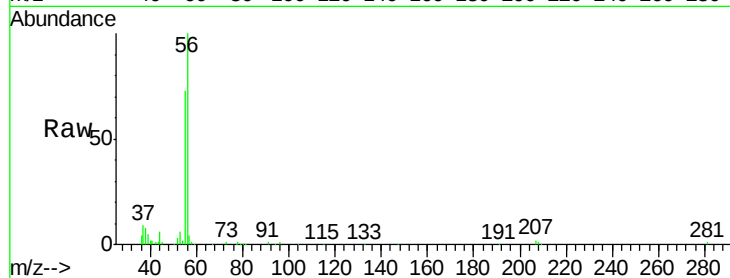
55 69.1 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.678 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

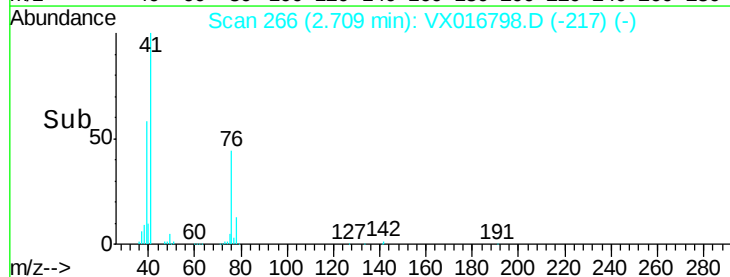
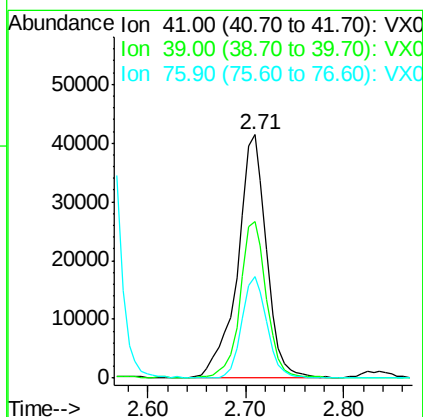
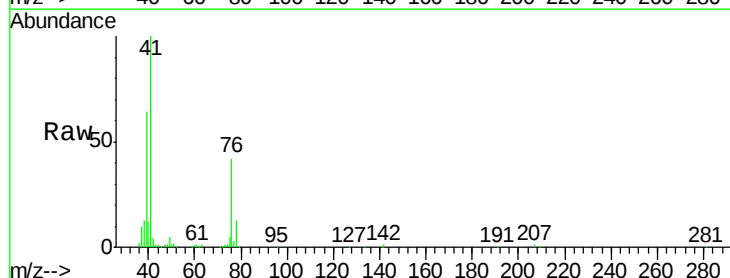
Tgt Ion: 41 Resp: 84863

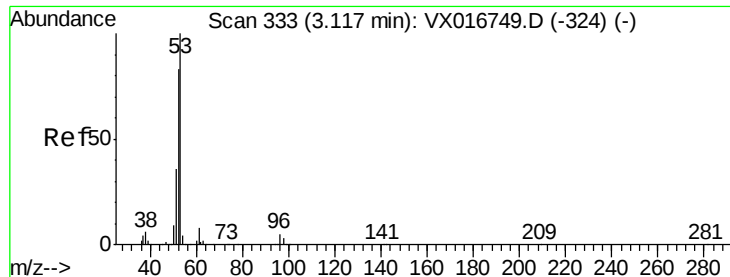
Ion Ratio Lower Upper

41 100

39 59.0 50.2 75.4

76 36.2 30.4 45.6





#15

Acrylonitrile

Concen: 91.867 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

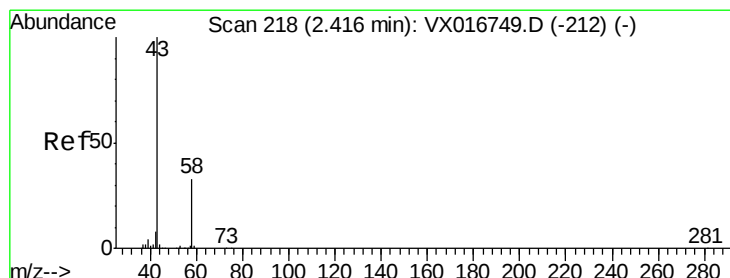
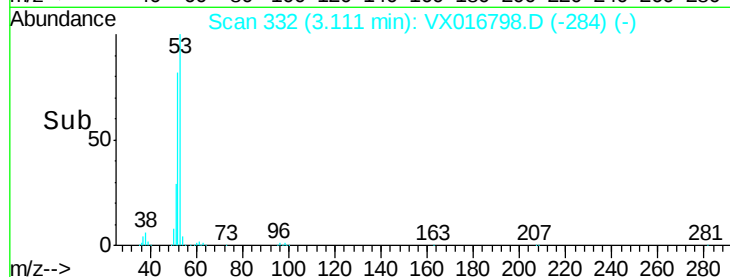
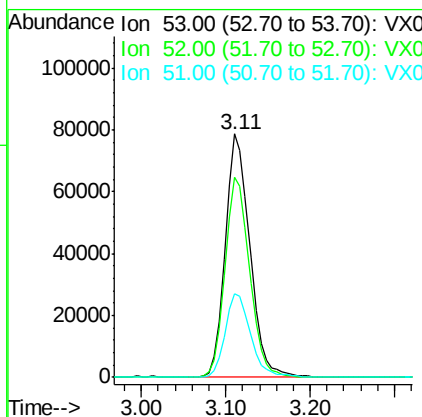
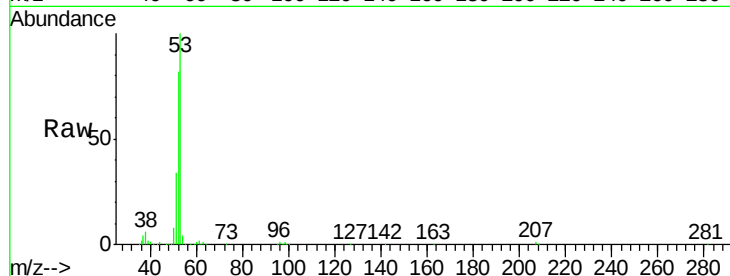
ClientSampleId :

VX0616WBS02

Tot Ion:	53	Resp:	156568
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.5	98.3
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 104.966 ug/l

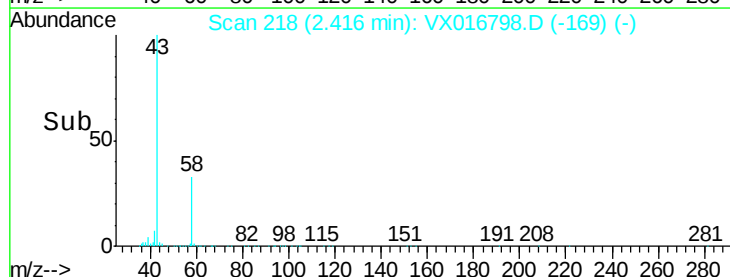
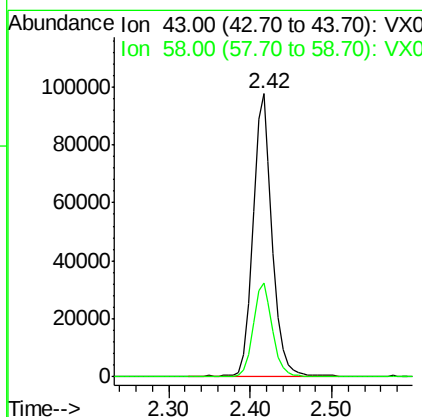
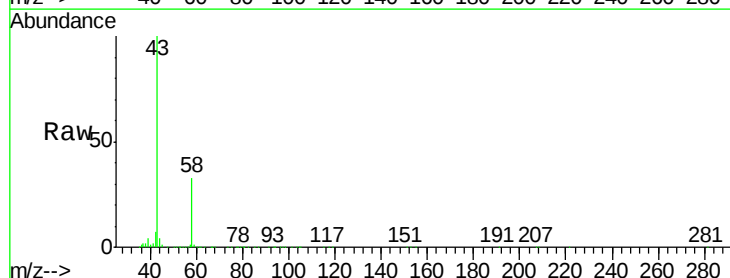
RT: 2.42 min Scan# 218

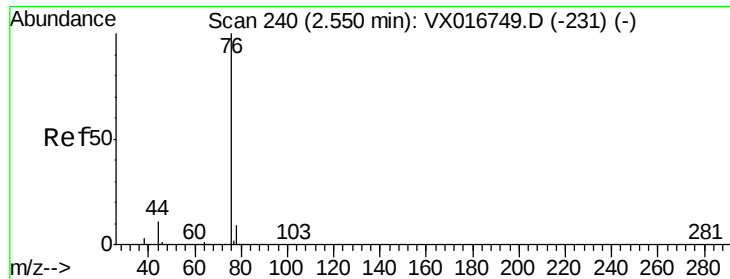
Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	43	Resp:	159184
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.3	39.5





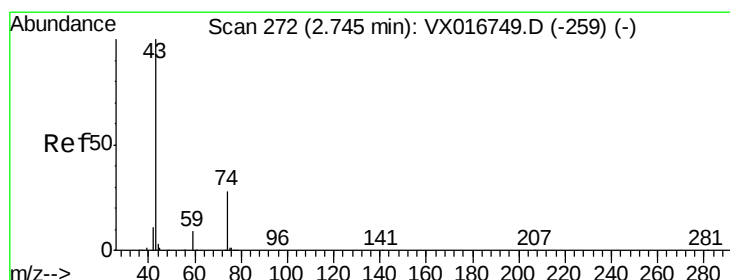
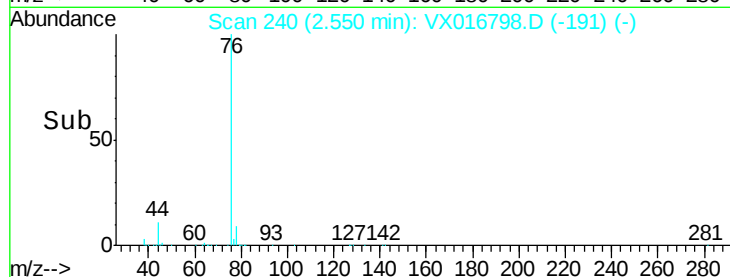
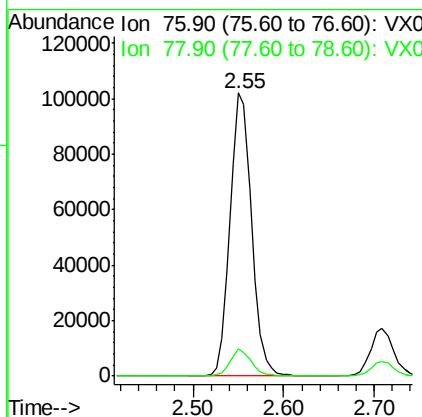
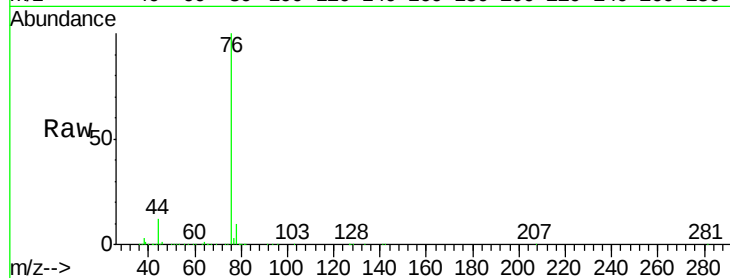
#17
Carbon Disulfide
Concen: 20.271 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

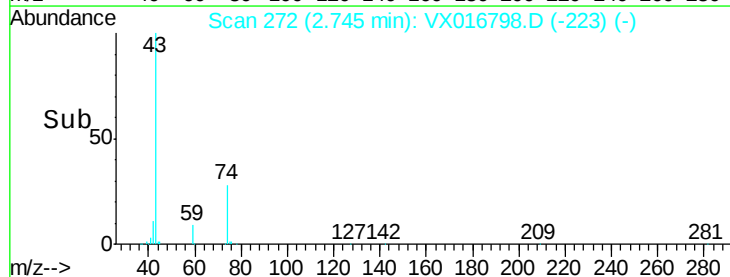
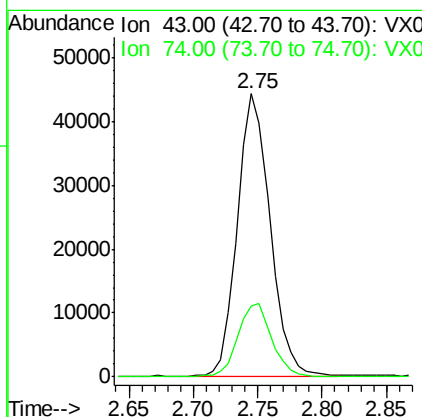
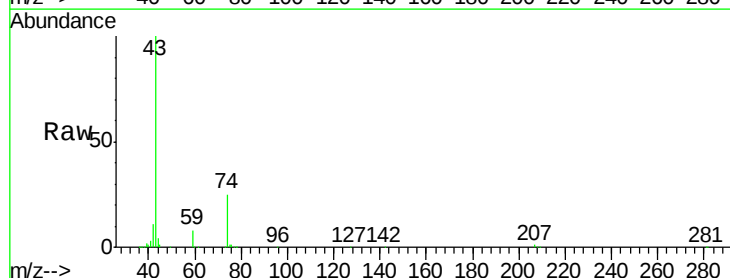
Manual Integrations
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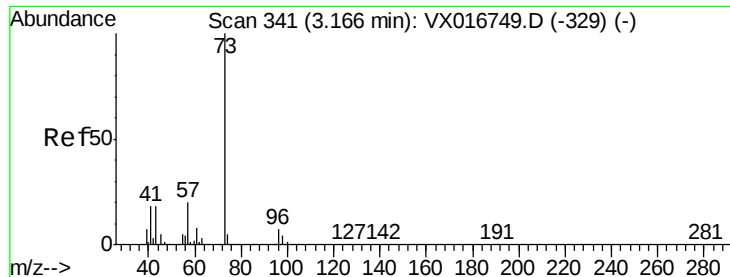
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#18
Methyl Acetate
Concen: 19.244 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	22.4	33.6





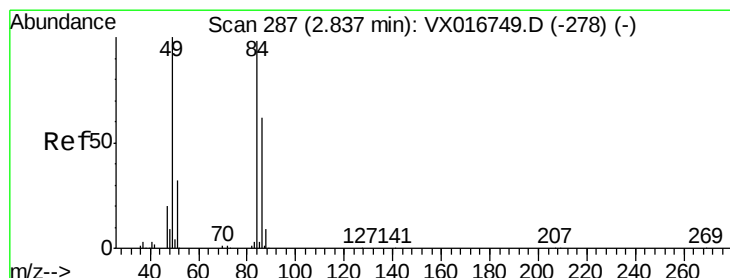
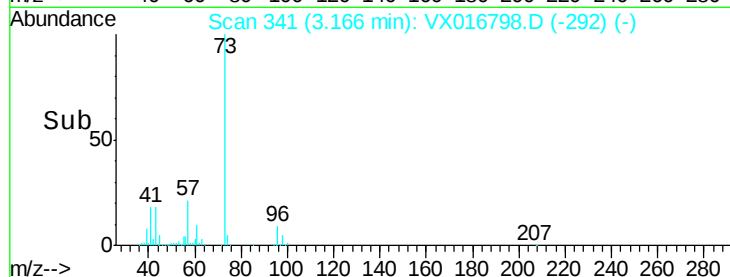
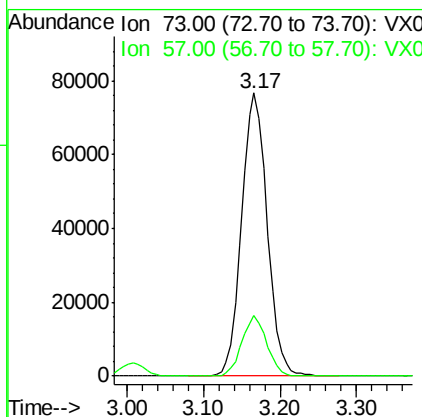
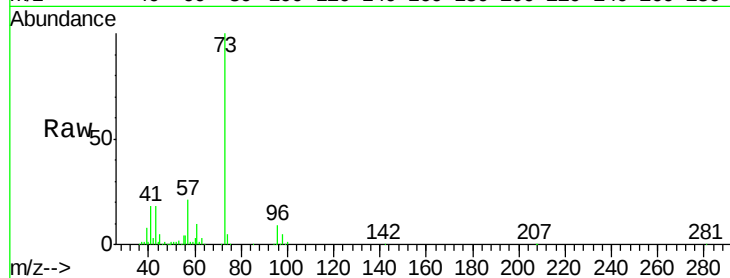
#19
Methyl tert-butyl Ether
Concen: 17.968 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.2	24.4

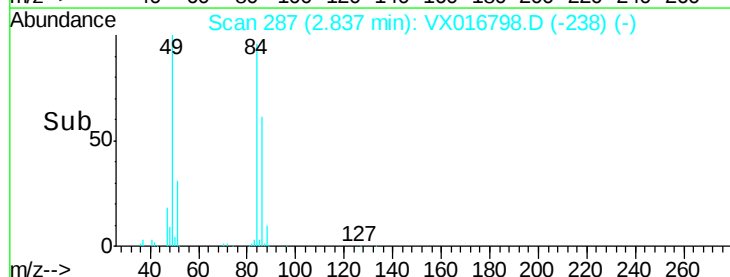
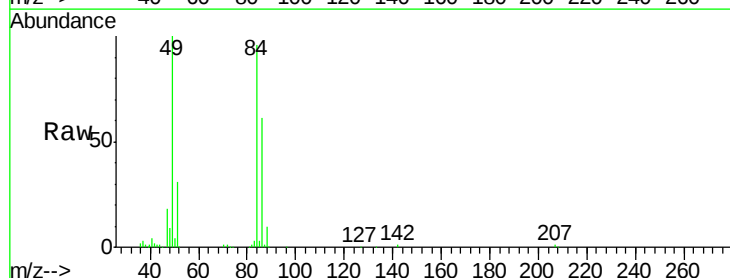
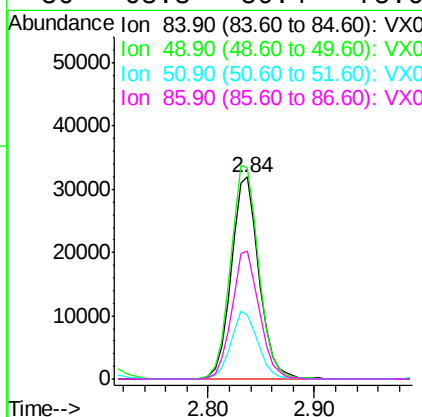
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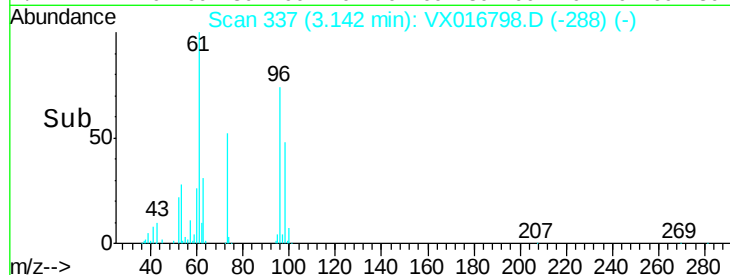
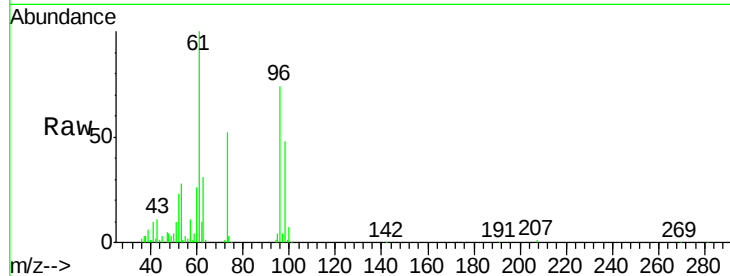
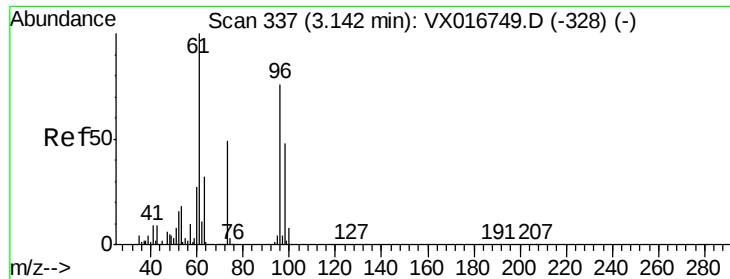
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#20
Methylene Chloride
Concen: 17.840 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.6	81.8	122.8
51	32.0	25.8	38.8
86	63.3	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 17.860 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tot Ion:	96	Resp:	55756
Ion	Ratio	Lower	Upper
96	100		
61	135.2	105.4	158.2
98	64.7	50.8	76.2

Instrument :

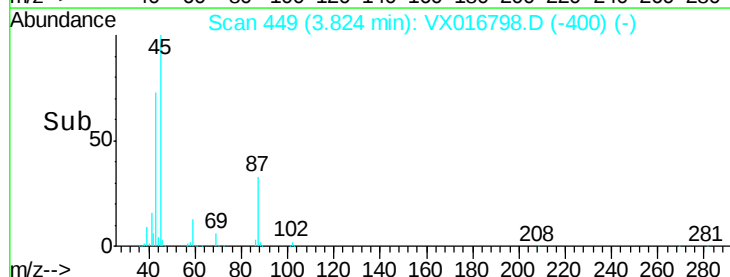
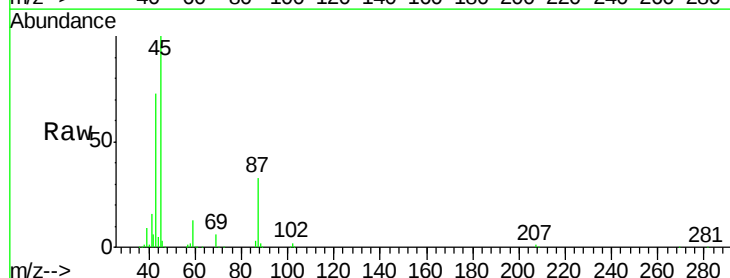
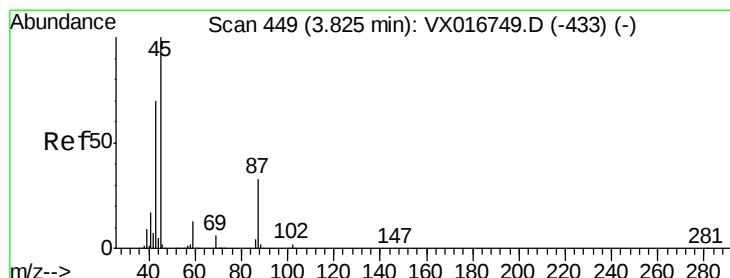
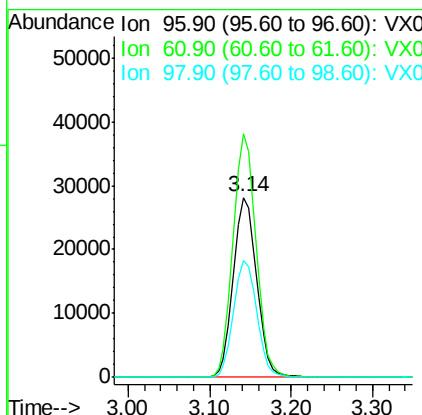
MSVOA_X

ClientSampleId :

VX0616WBS02

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#22

Diisopropyl ether

Concen: 18.652 ug/l

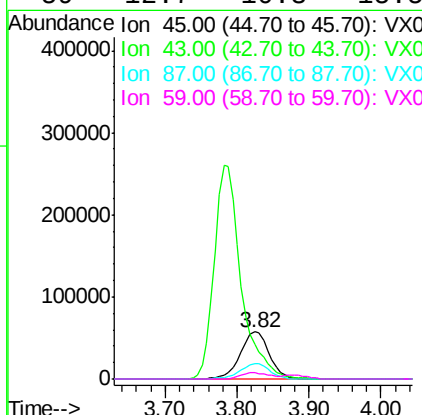
RT: 3.82 min Scan# 449

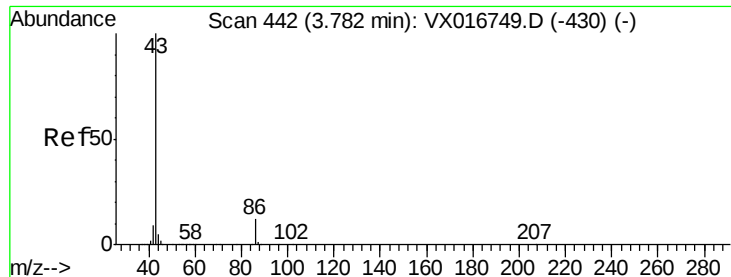
Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	45	Resp:	159187
Ion	Ratio	Lower	Upper
45	100		
43	72.4	56.2	84.4
87	32.9	26.2	39.4
59	12.7	10.3	15.5





#23

Vinyl Acetate

Concen: 91.554 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS02

Tot Ion: 43 Resp: 675352

Ion Ratio Lower Upper

43 100

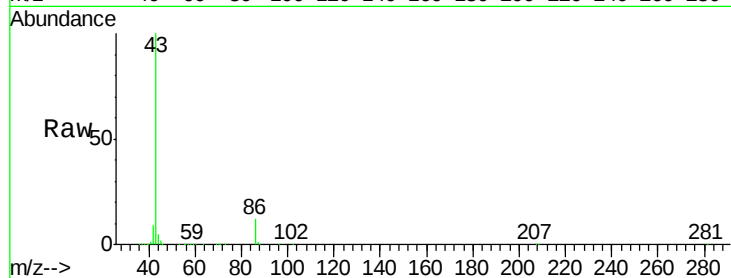
86 12.2 9.8 14.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

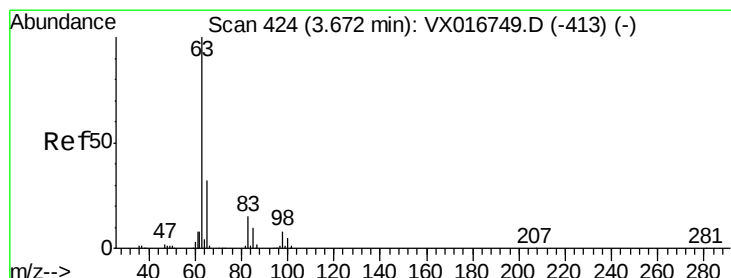
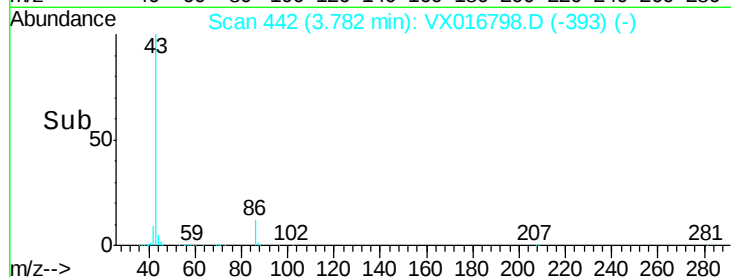
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.099 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

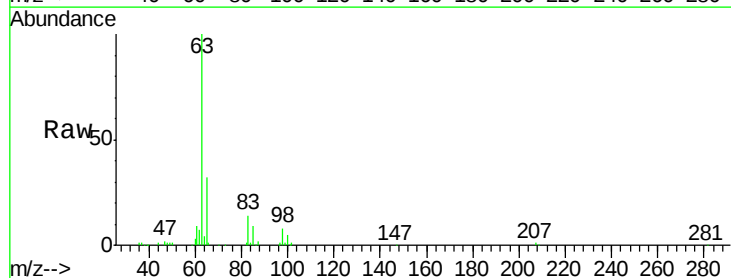
Tgt Ion: 63 Resp: 96612

Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.4

100 4.9 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

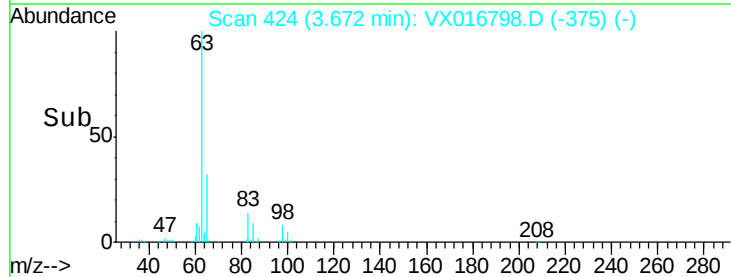
30000

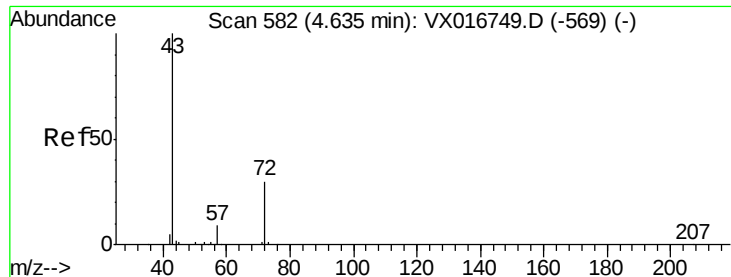
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.481 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 43 Resp: 213656

Ion Ratio Lower Upper

43 100

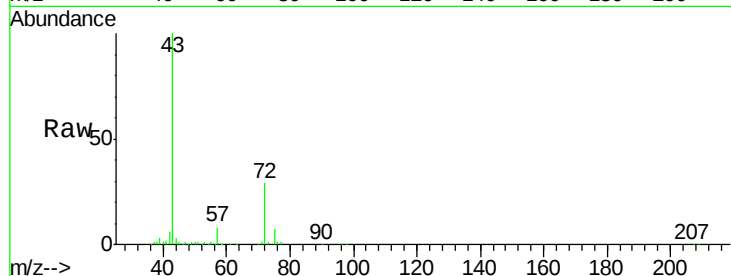
72 28.9 24.2 36.4

Manual Integrations

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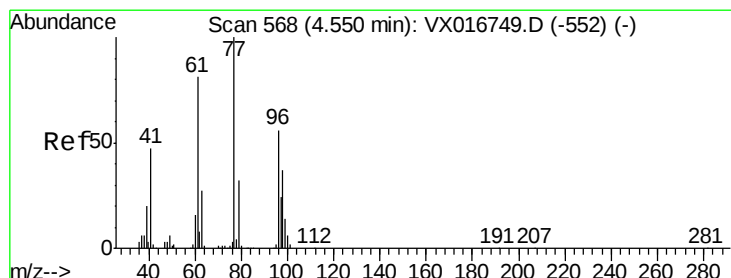
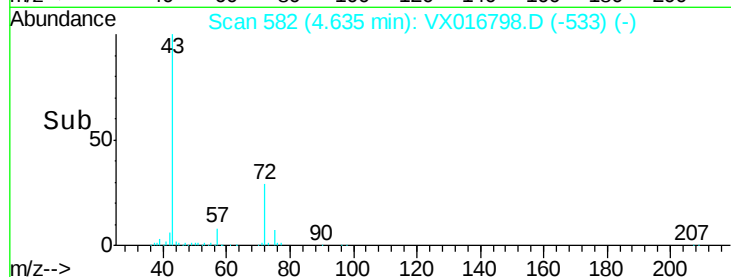
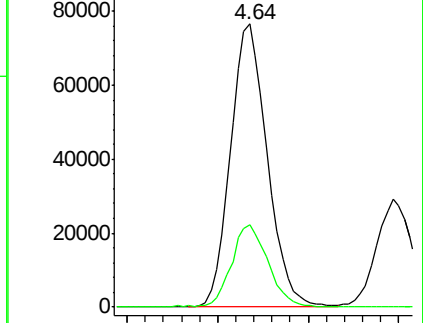
MMDadoda

6/17/2020 9:35:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.016 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016798.D

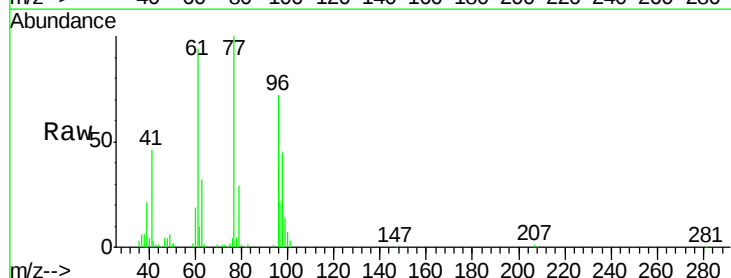
Acq: 16 Jun 2020 23:48

Tgt Ion: 77 Resp: 69277

Ion Ratio Lower Upper

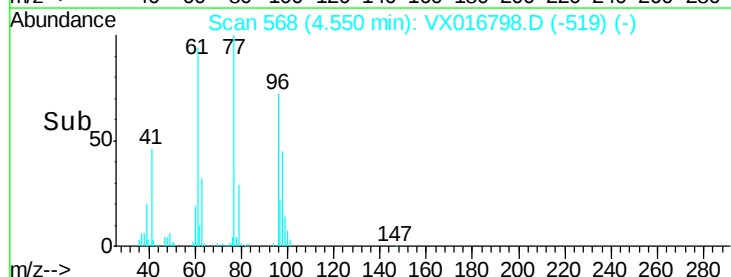
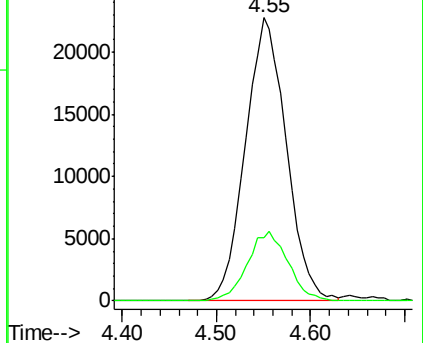
77 100

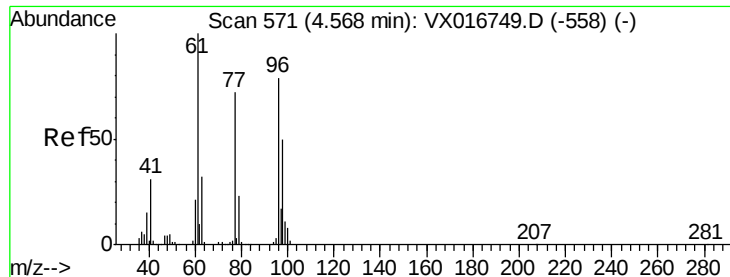
97 24.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

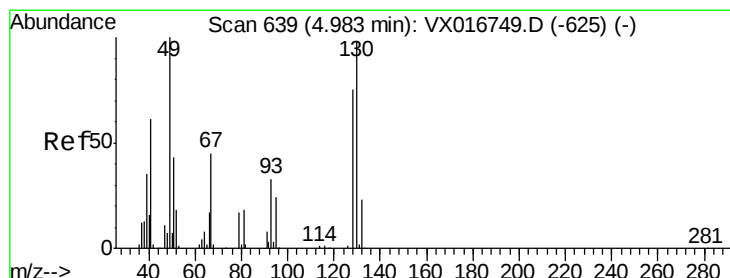
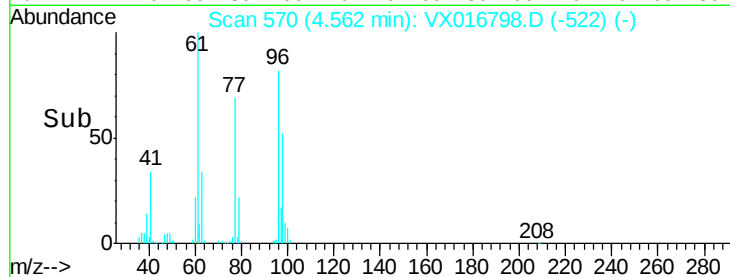
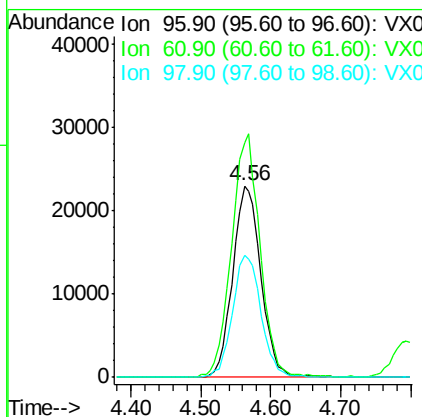
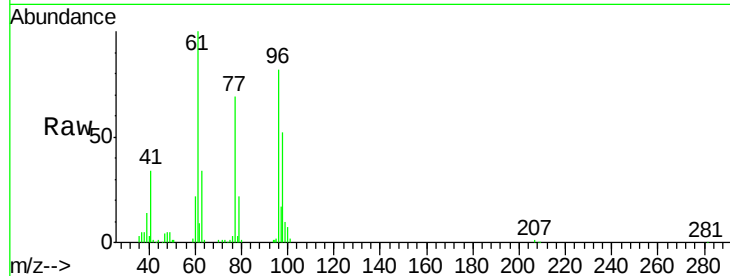
cis-1,2-Dichloroethene
 Concen: 17.976 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	276.2
98	64.5	0.0	130.0

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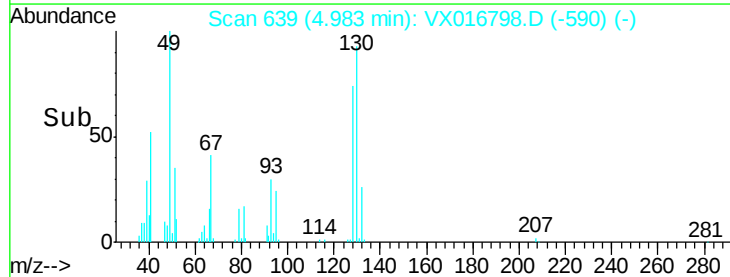
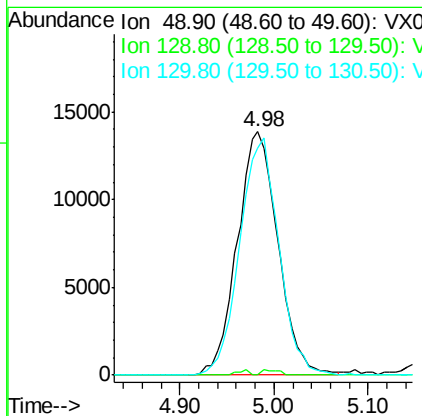
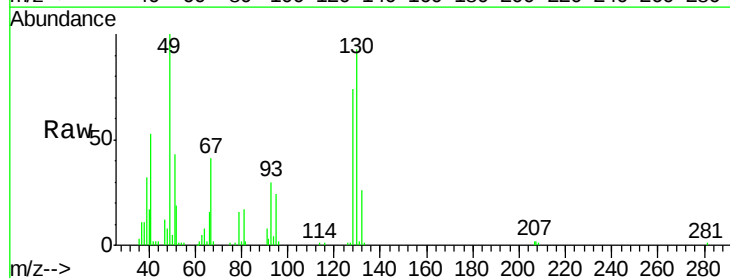
MMDadoda
 6/17/2020 9:35:06 AM

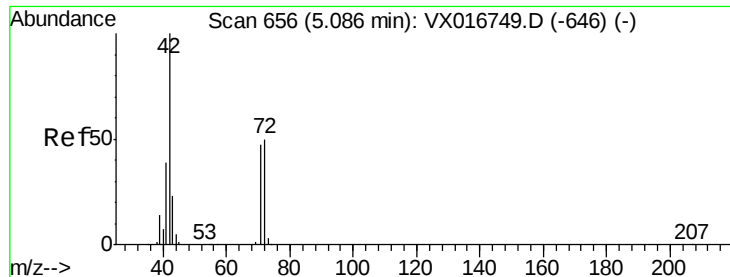


#28

Bromochloromethane
 Concen: 18.364 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.8
130	93.7	76.0	114.0





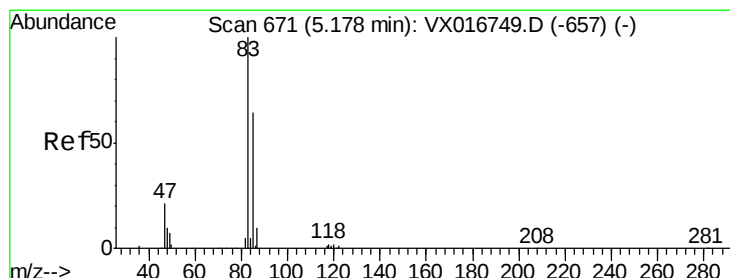
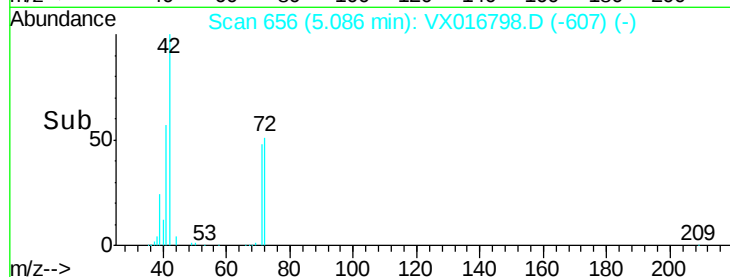
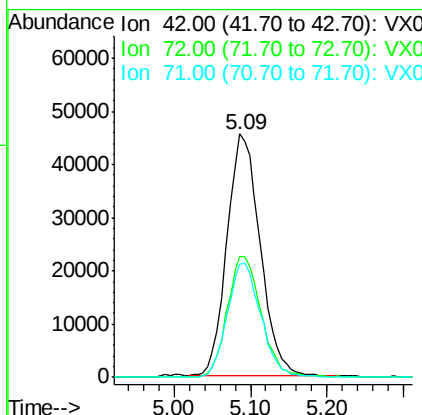
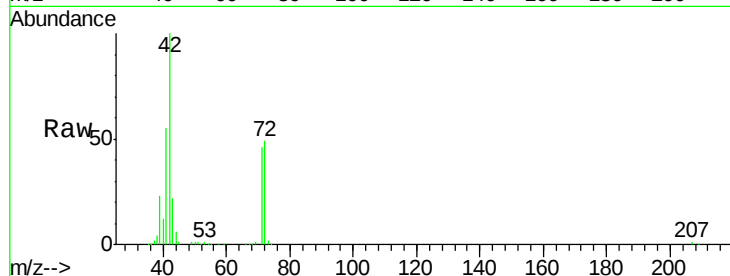
#29
Tetrahydrofuran
Concen: 92.796 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.0	61.6
71	47.4	38.2	57.4

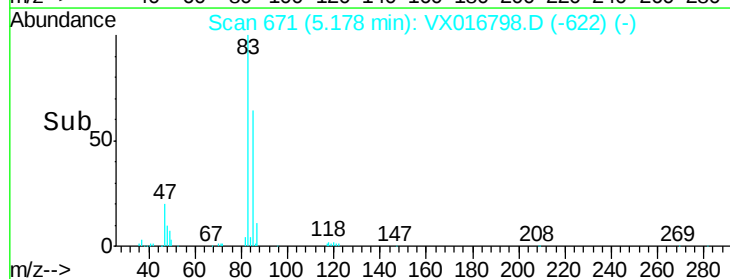
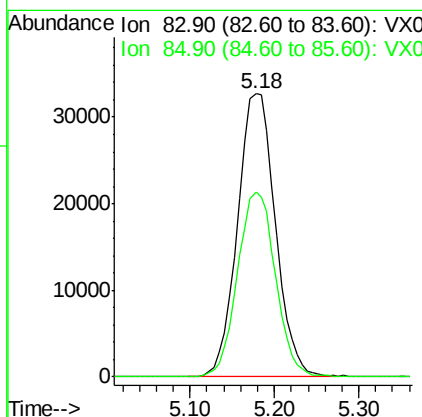
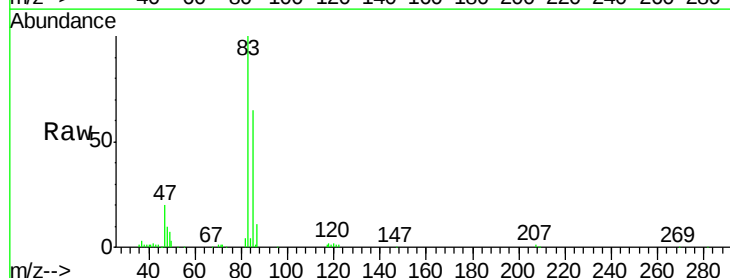
Manual Integrations
APPROVED

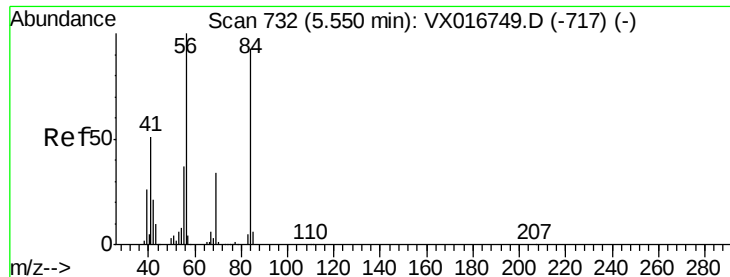
MMDadoda
6/17/2020 9:35:06 AM



#30
Chloroform
Concen: 17.632 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.8	76.2





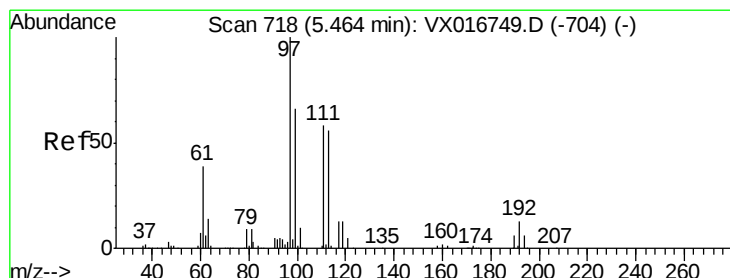
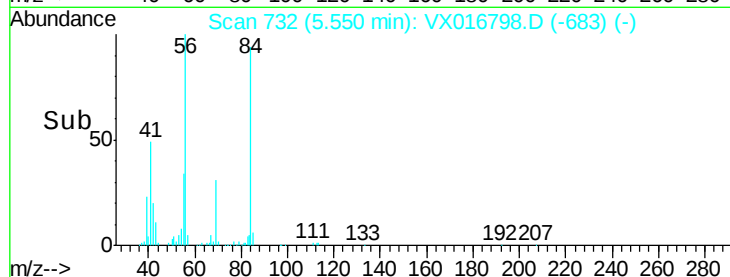
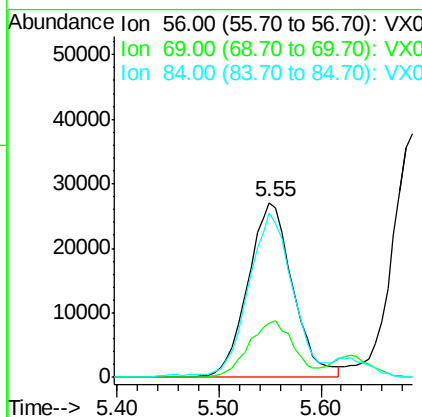
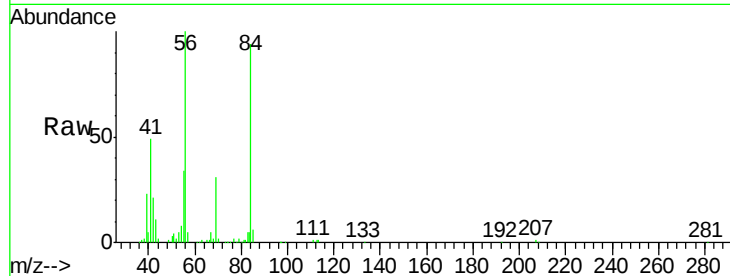
#31
Cyclohexane
Concen: 19.660 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	27.1	40.7
84	92.3	74.0	111.0

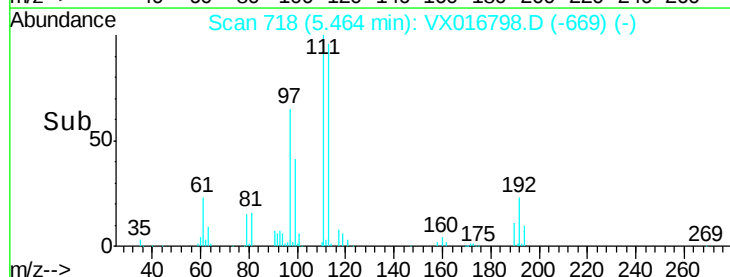
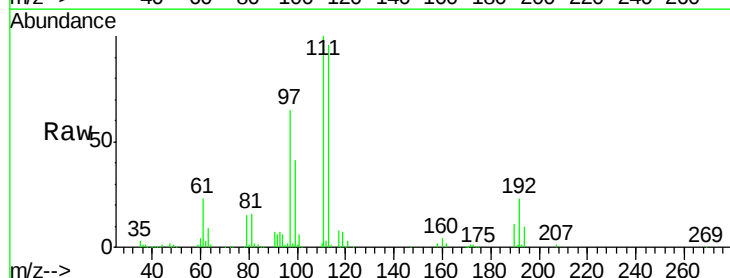
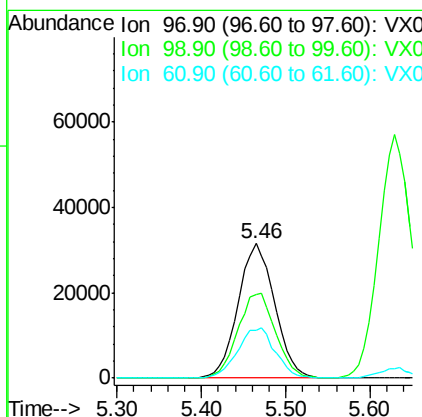
Manual Integrations
APPROVED

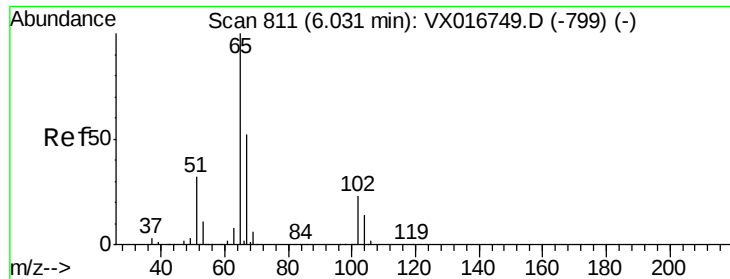
MMDadoda
6/17/2020 9:35:06 AM



#32
1,1,1-Trichloroethane
Concen: 18.118 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.5	77.3
61	38.4	31.3	46.9





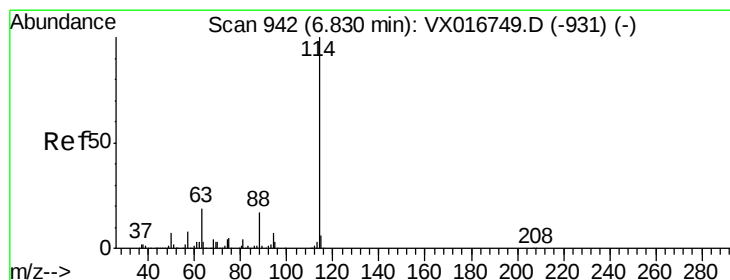
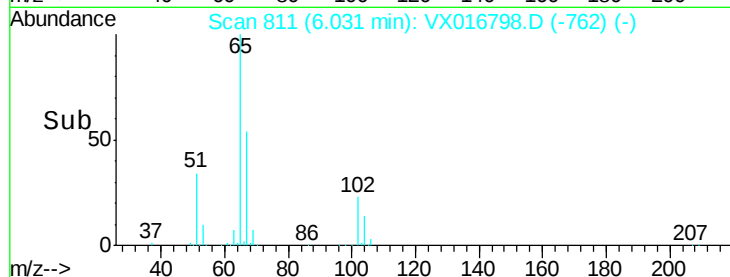
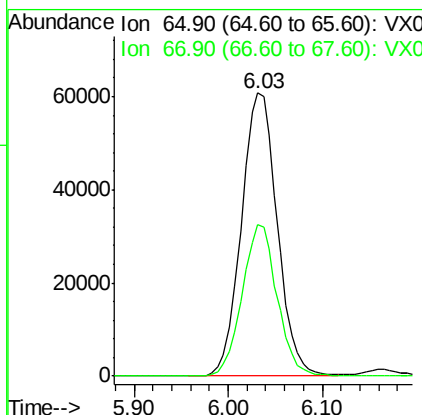
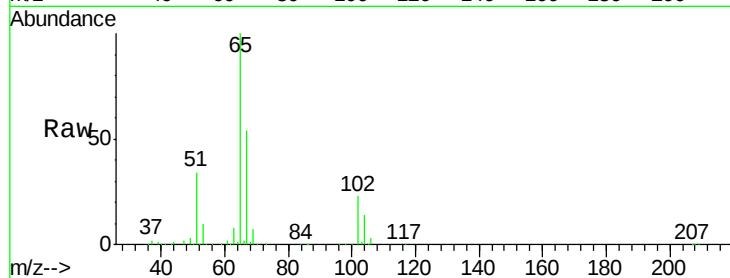
#33
 1,2-Dichloroethane-d4
 Concen: 48.496 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162123		
67	52.1	0.0	103.0	

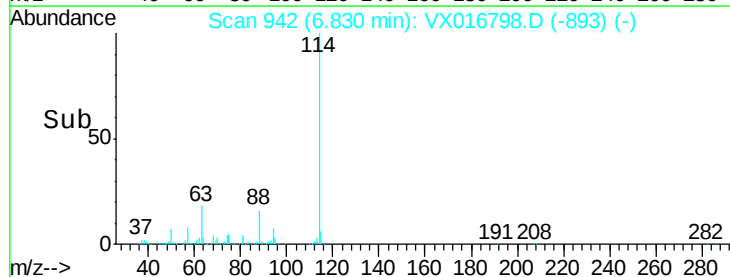
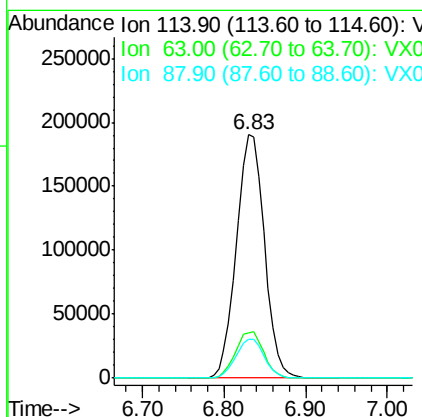
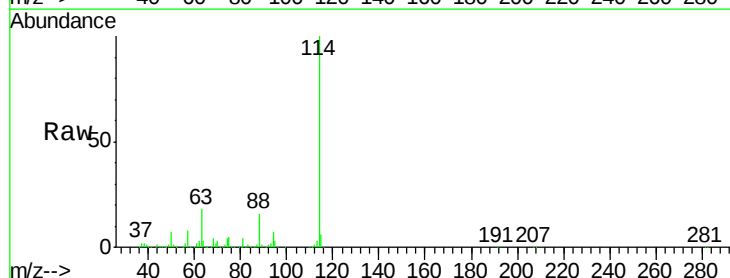
Manual Integrations
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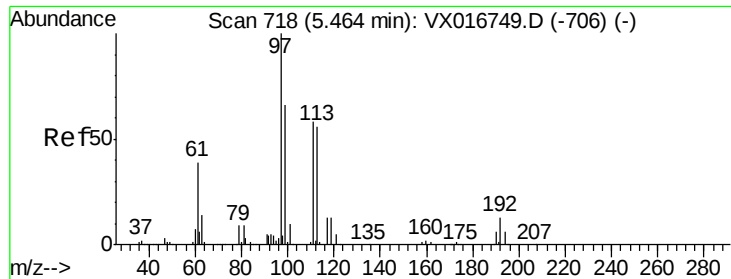
MMDadoda
 6/17/2020 9:35:06 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	453294		
63	18.3	0.0	38.8	
88	15.9	0.0	33.4	





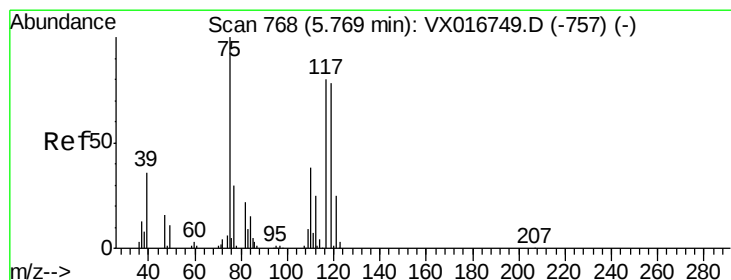
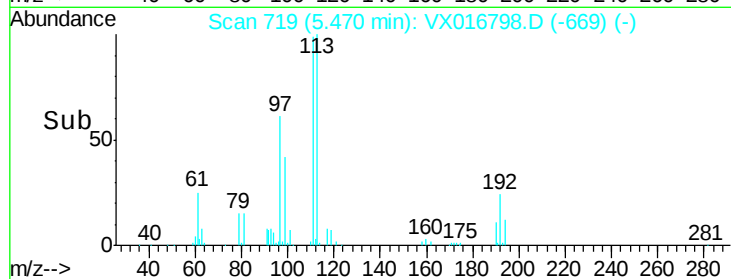
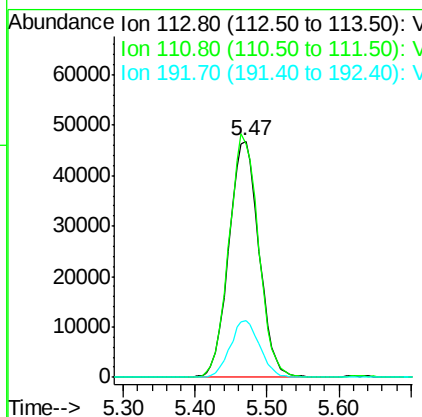
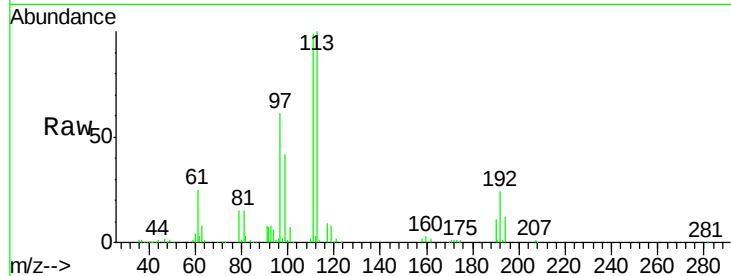
#35
Dibromofluoromethane
Concen: 48.654 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	23.6	18.2	27.4

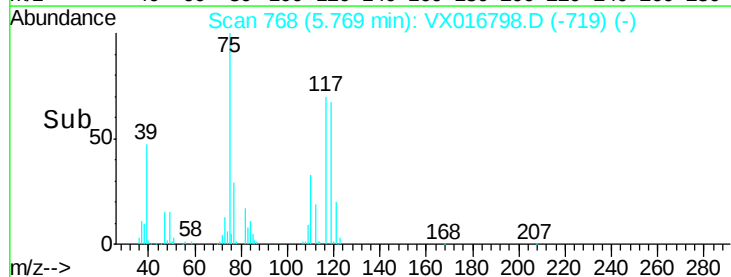
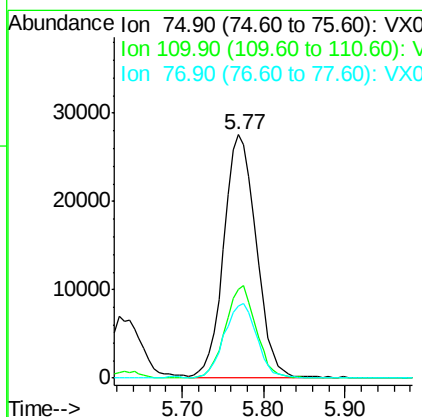
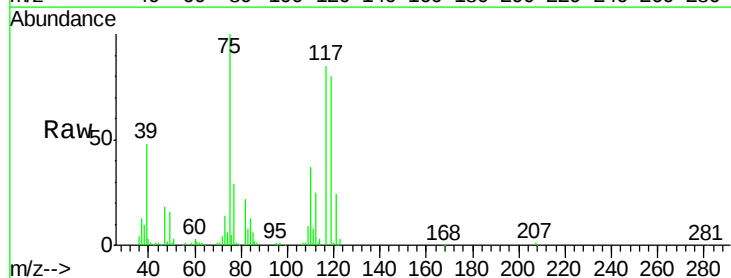
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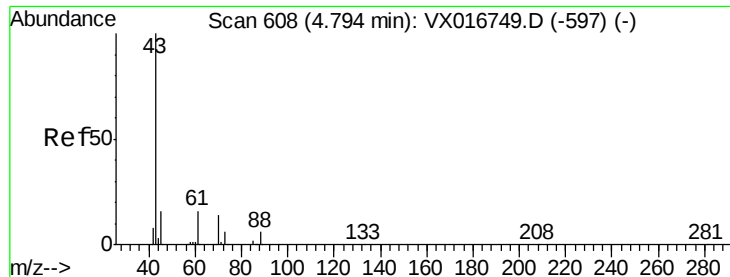
MMDadoda
6/17/2020 9:35:06 AM



#36
1,1-Dichloropropene
Concen: 18.791 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.4	55.2
77	30.9	24.7	37.1





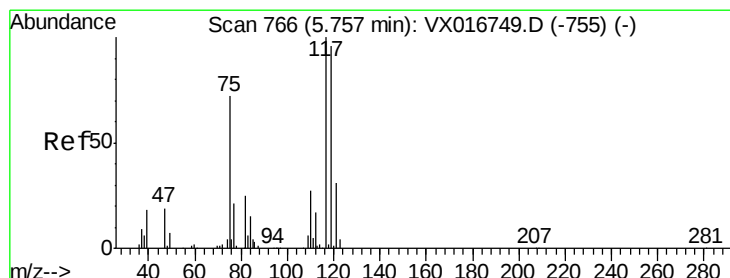
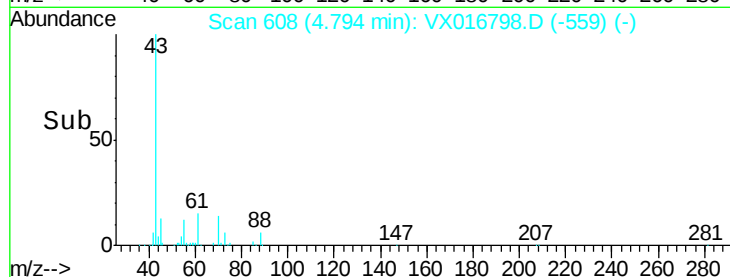
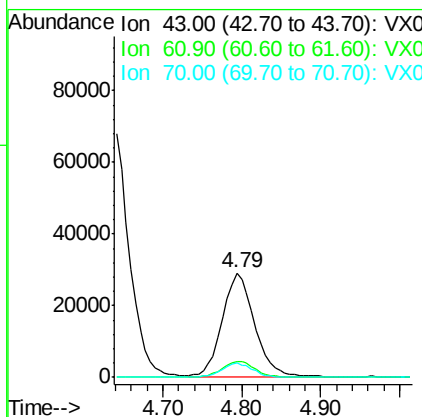
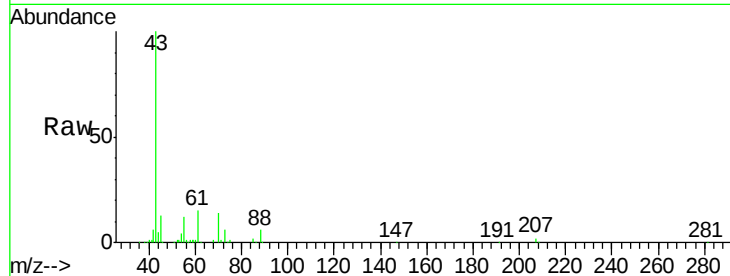
#37
Ethyl Acetate
Concen: 18.732 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.4	18.6
70	13.2	10.8	16.2

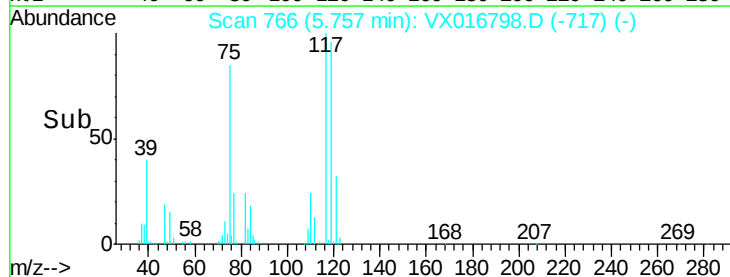
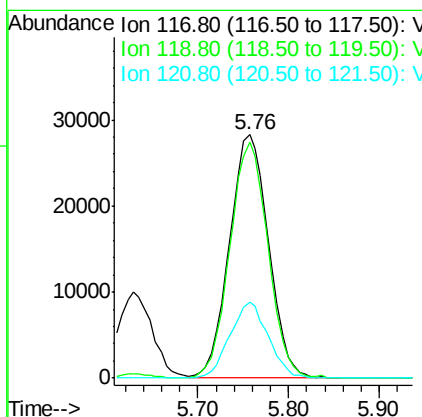
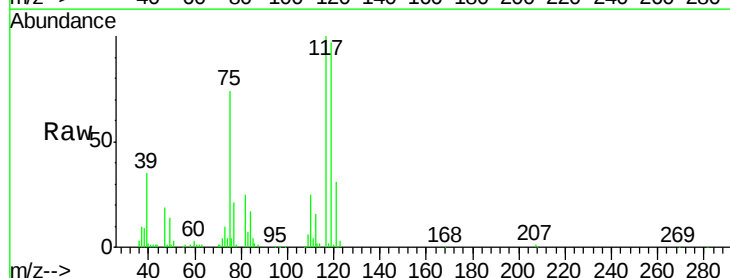
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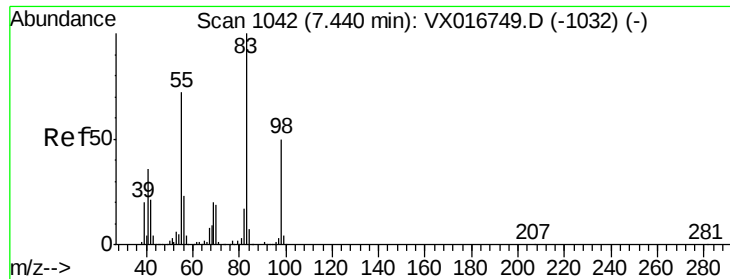
MMDadoda
6/17/2020 9:35:06 AM



#38
Carbon Tetrachloride
Concen: 18.610 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.7	115.1
121	31.2	24.7	37.1





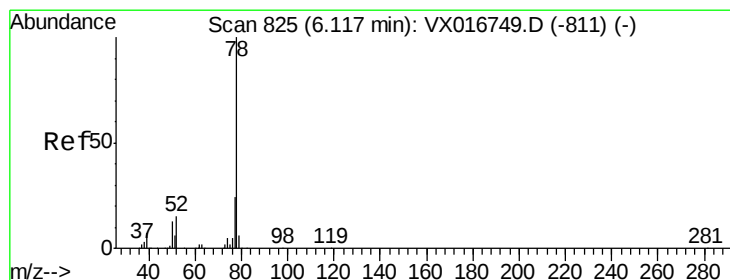
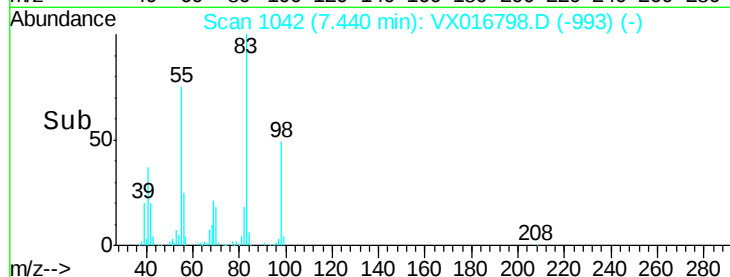
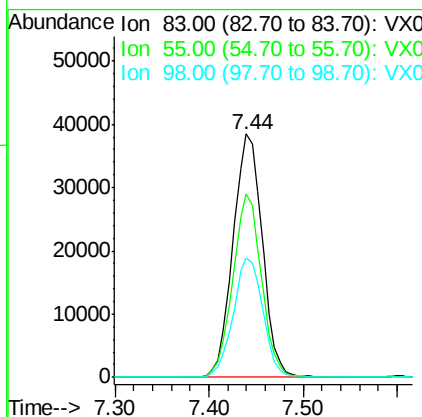
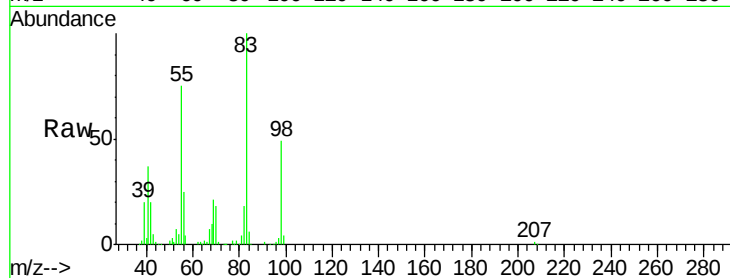
#39
Methvlcvclohexane
Concen: 18.609 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	83	Resp	83610
Ion Ratio	Lower	Upper	
83	100		
55	75.4	57.3	85.9
98	49.0	40.3	60.5

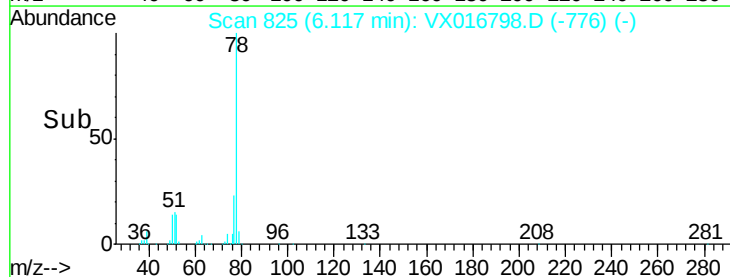
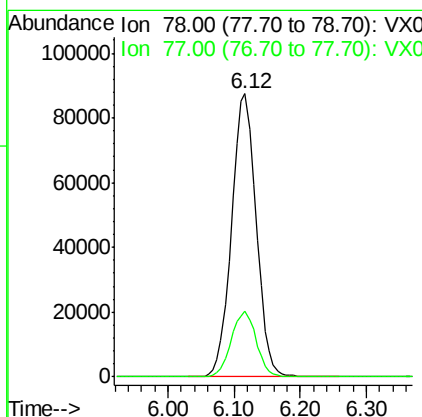
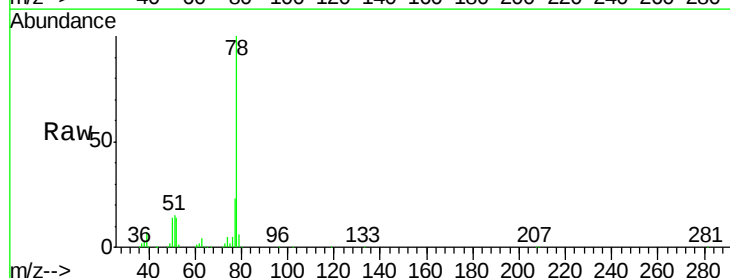
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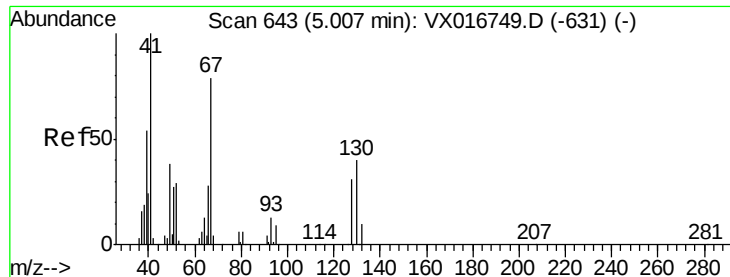
MMDadoda
6/17/2020 9:35:06 AM



#40
Benzene
Concen: 18.476 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	78	Resp	225339
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.4





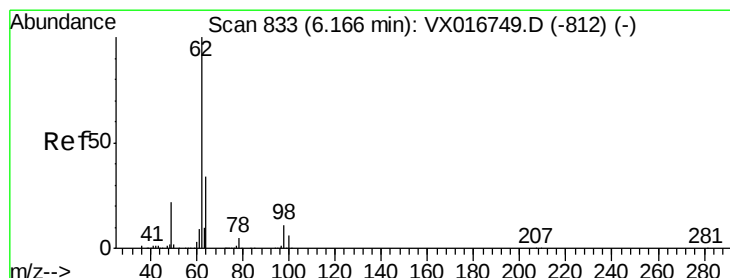
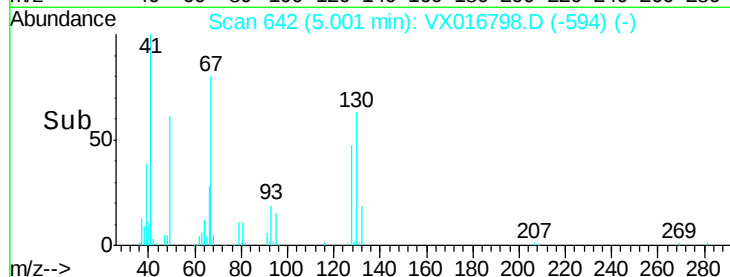
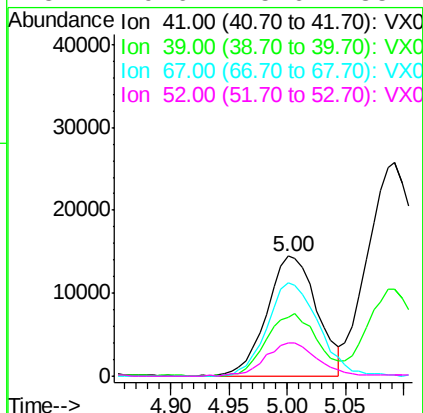
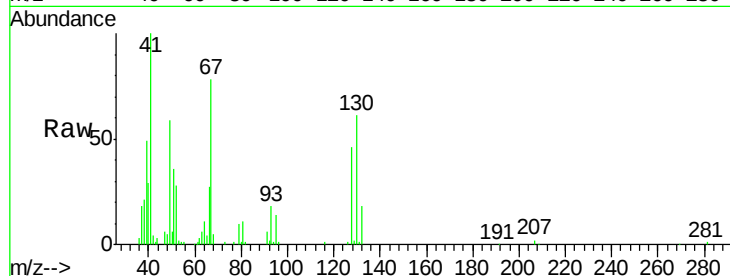
#41
Methacrylonitrile
Concen: 18.579 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		43458		
39	54.5	43.7	65.5		
67	79.8	64.6	96.8		
52	29.6	25.6	38.4		

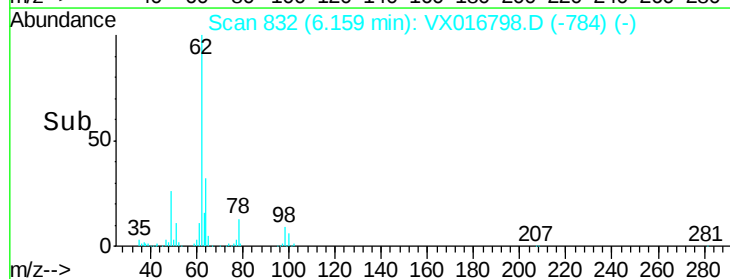
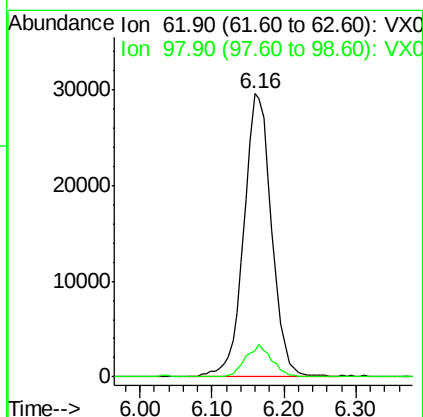
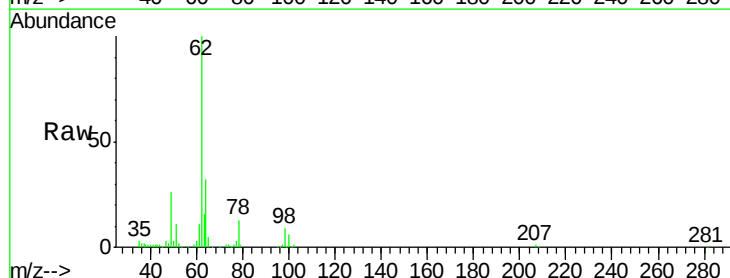
Manual Integrations
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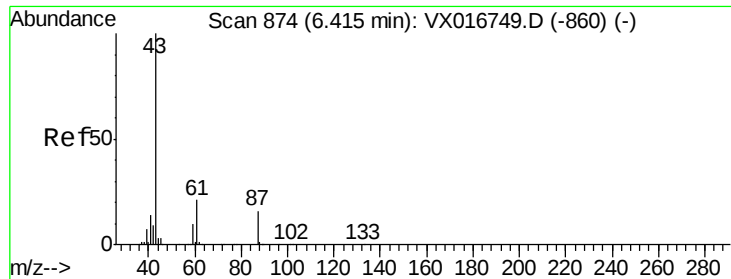
MMDadoda
6/17/2020 9:35:06 AM



#42
1,2-Dichloroethane
Concen: 17.762 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		79066		
98	10.7	0.0	20.2		





#43

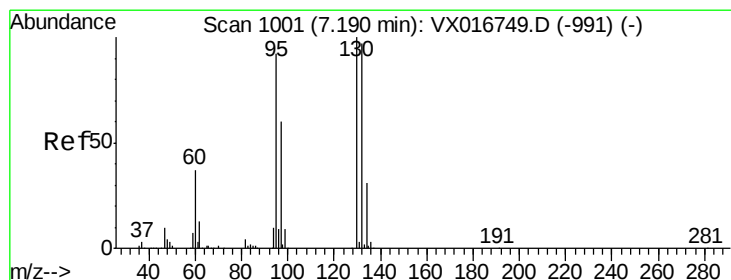
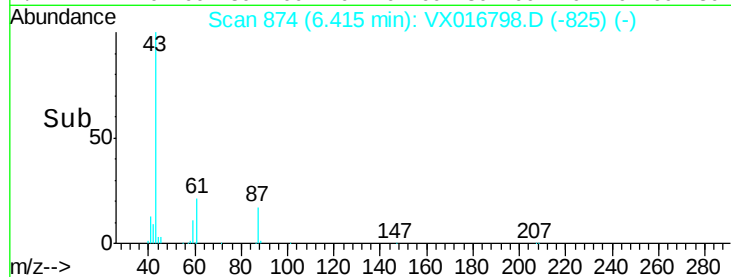
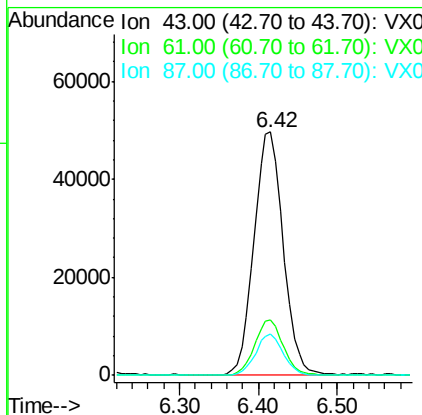
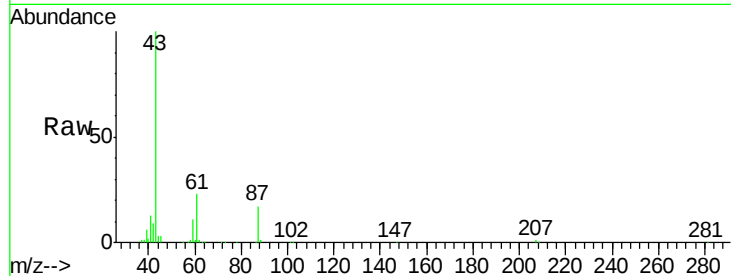
Isopropyl Acetate
 Concen: 18.705 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.7	26.5
87	16.0	12.5	18.7

Manual Integrations
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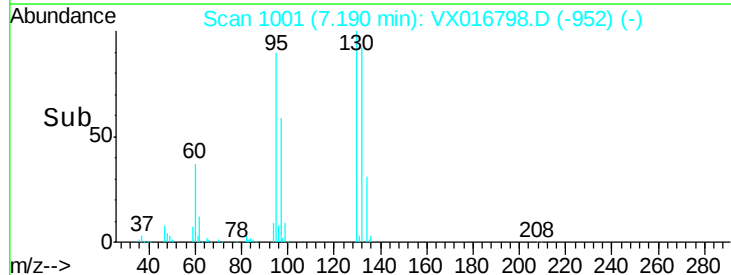
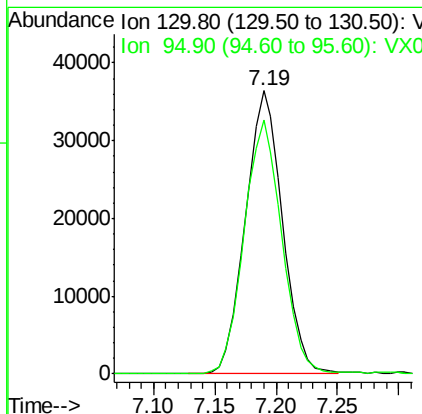
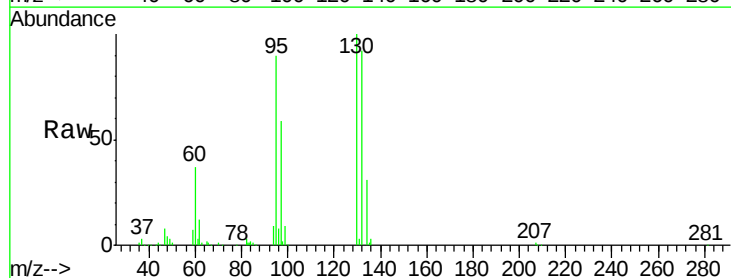
MMDadoda
 6/17/2020 9:35:06 AM

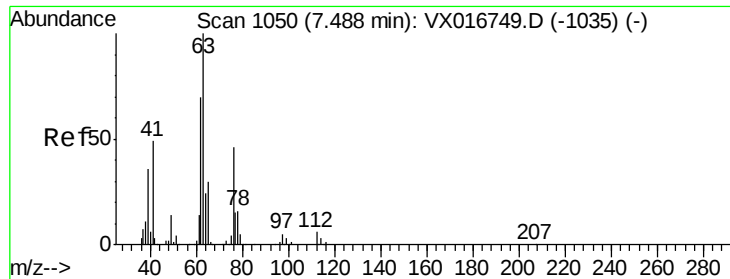


#44

Trichloroethene
 Concen: 20.315 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	183.6





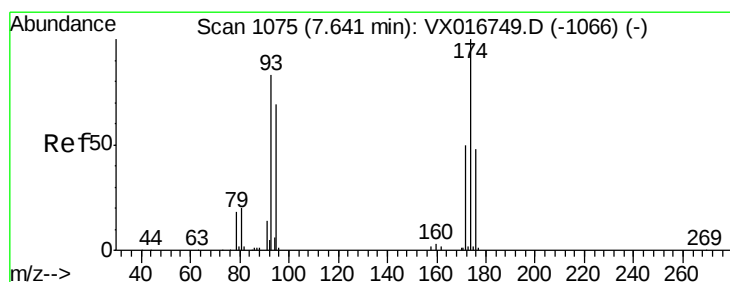
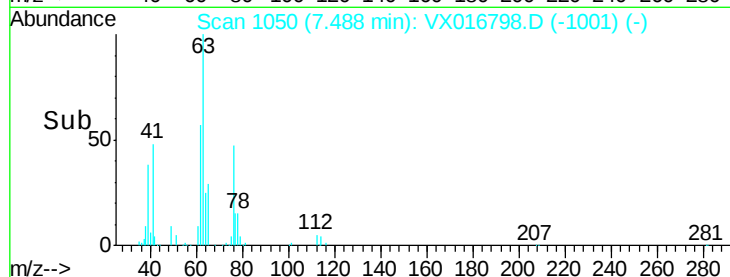
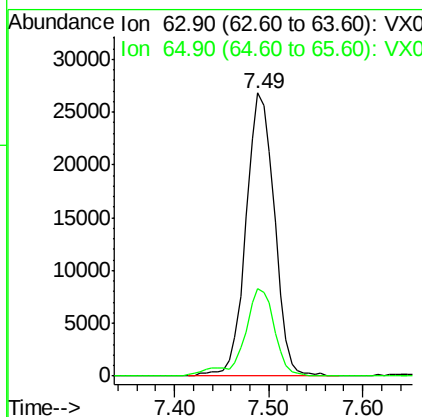
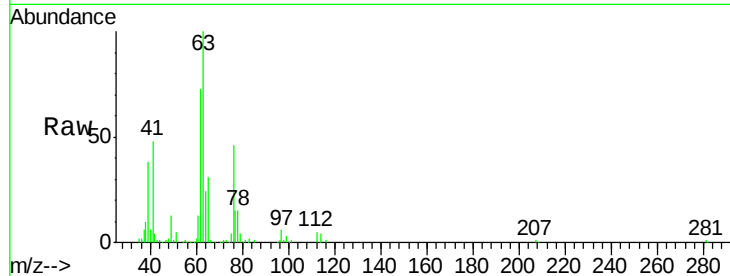
#45
 1,2-Dichloropropane
 Concen: 18.891 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.2	36.2

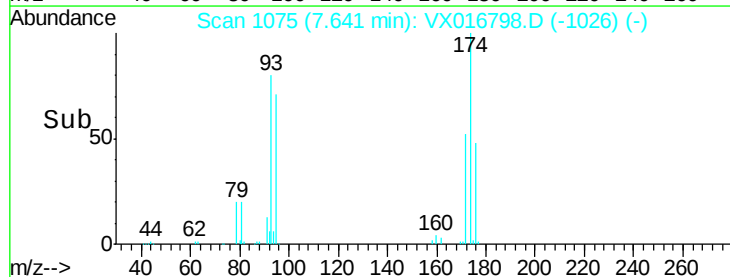
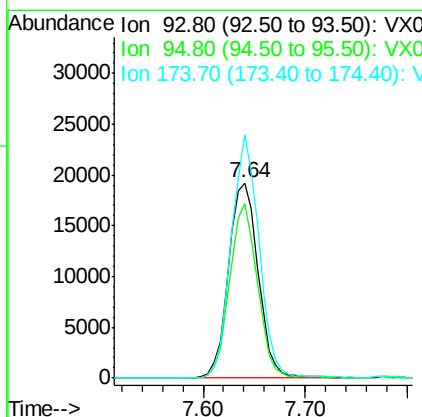
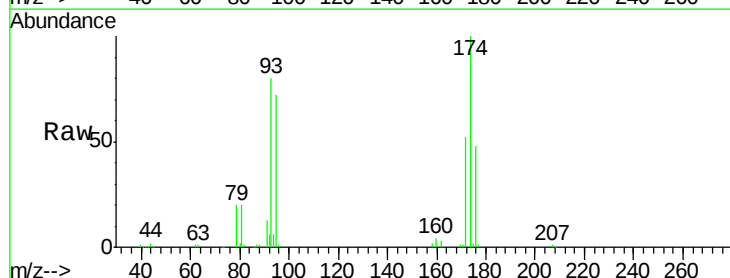
Manual Integrations
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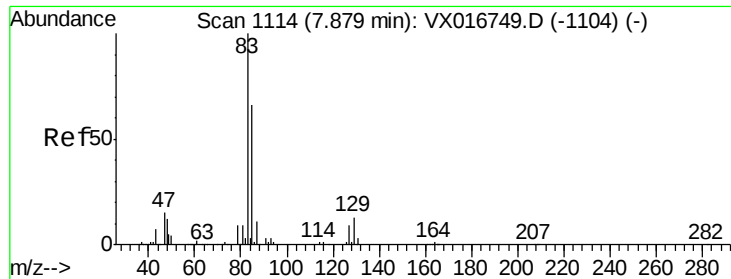
MMDadoda
 6/17/2020 9:35:06 AM



#46
 Dibromomethane
 Concen: 17.704 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.9	100.3
174	117.0	93.8	140.8





#47

Bromodichloromethane

Concen: 17.910 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

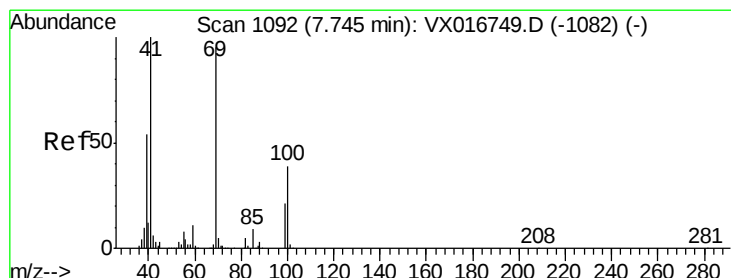
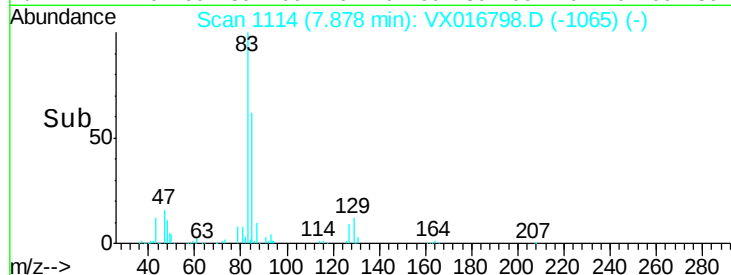
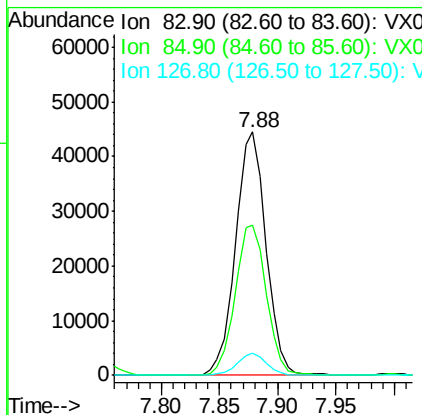
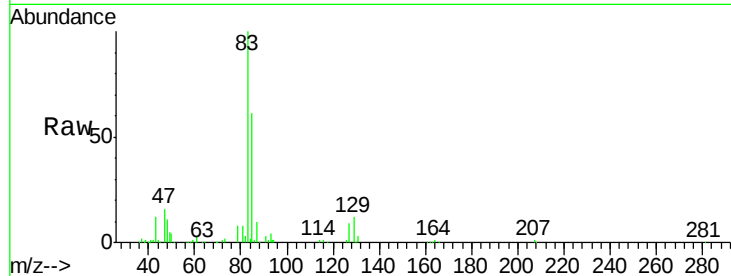
ClientSampleId :

VX0616WBS02

Tot Ion:	83	Resp:	81367
Ion Ratio	Lower	Upper	
83	100		
85	61.5	52.5	78.7
127	9.2	7.5	11.3

Manual Integrations
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MMDadoda
6/17/2020 9:35:06 AM



#48

Methyl methacrylate

Concen: 18.584 ug/l

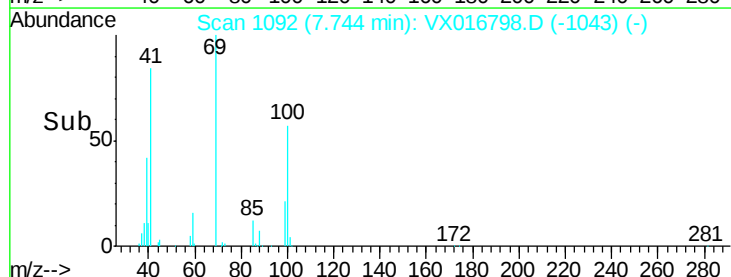
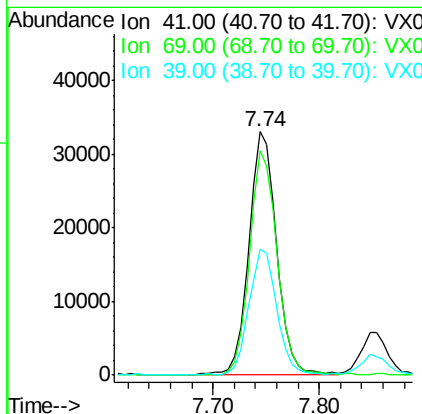
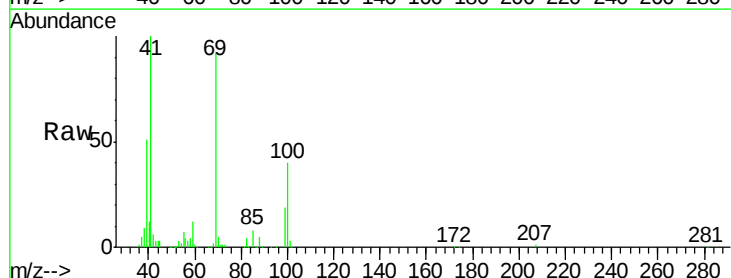
RT: 7.74 min Scan# 1092

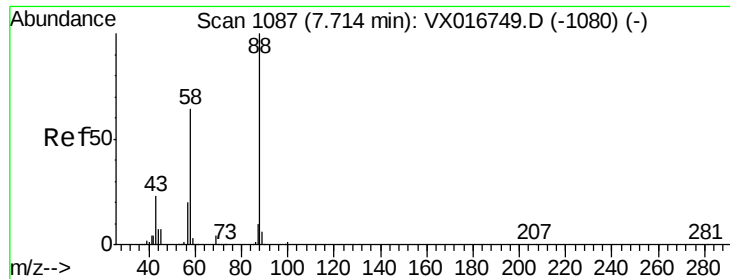
Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	41	Resp:	60560
Ion Ratio	Lower	Upper	
41	100		
69	91.5	75.0	112.6
39	52.1	44.3	66.5





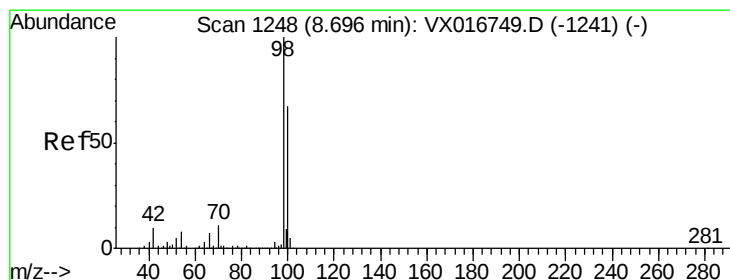
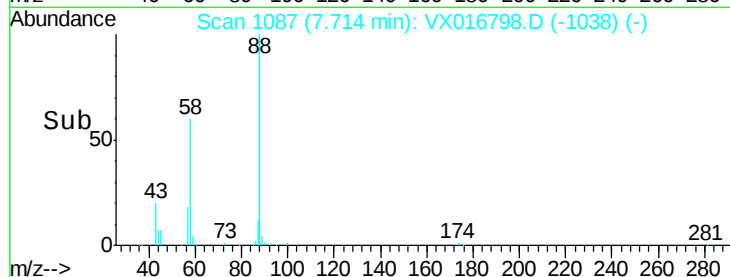
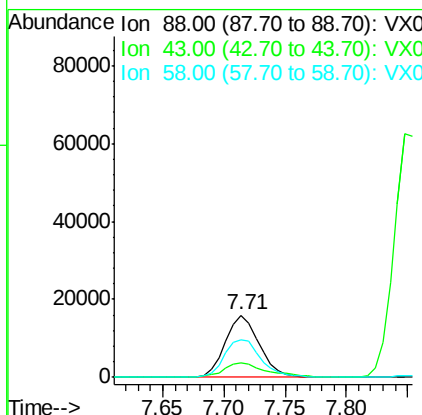
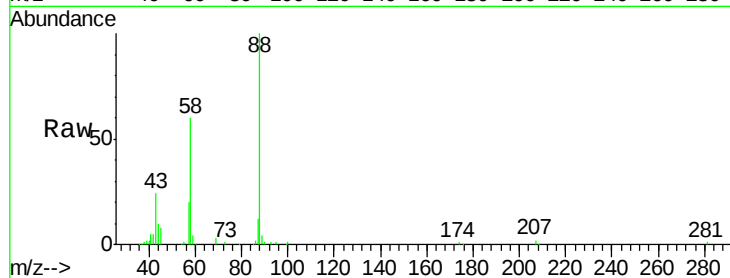
#49
1,4-Dioxane
Concen: 381.688 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	88	Resp	30781
Ion Ratio	100	Lower	Upper
88	100		
43	27.9	22.9	34.3
58	65.3	53.7	80.5

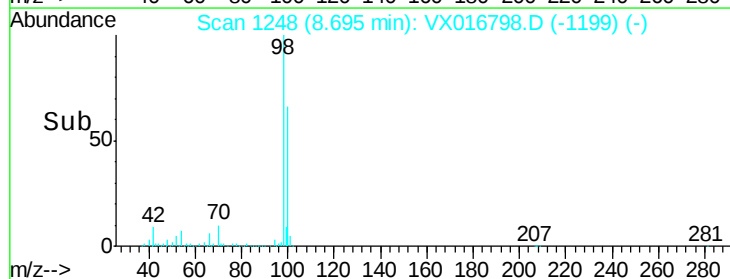
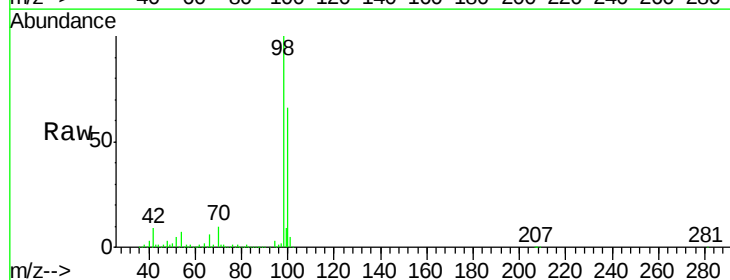
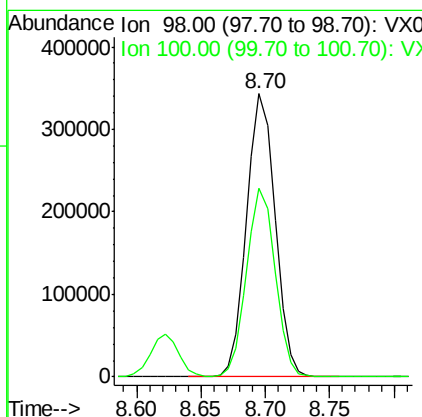
Manual Integrations
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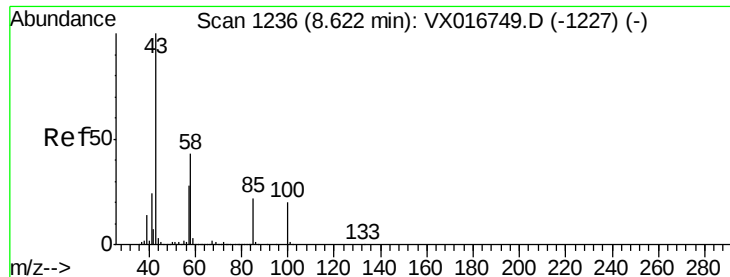
MMDadoda
6/17/2020 9:35:06 AM



#50
Toluene-d8
Concen: 51.036 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	98	Resp	526303
Ion Ratio	100	Lower	Upper
98	100		
100	66.2	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 95.477 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 43 Resp: 404511

Ion Ratio Lower Upper

43 100

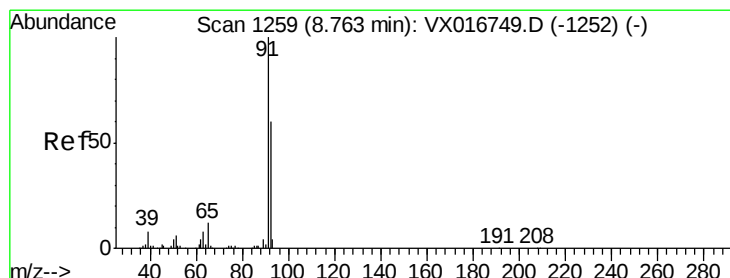
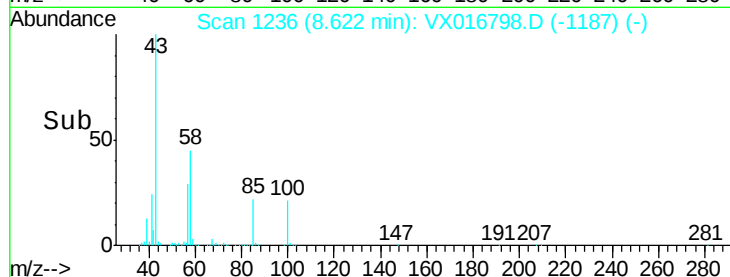
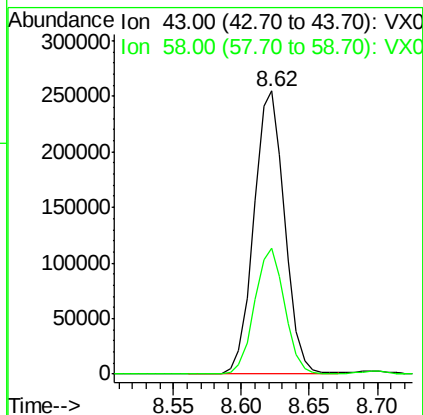
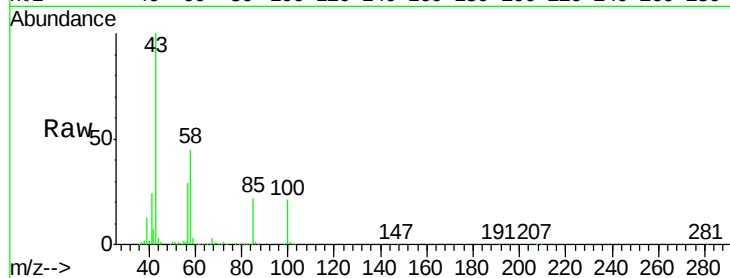
58 43.6 34.6 52.0

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#52

Toluene

Concen: 18.422 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016798.D

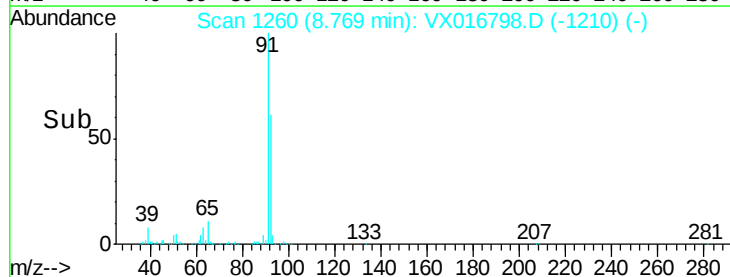
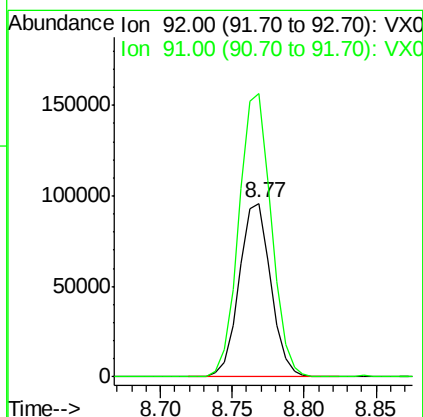
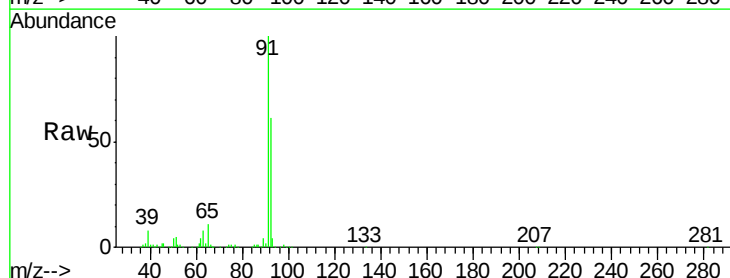
Acq: 16 Jun 2020 23:48

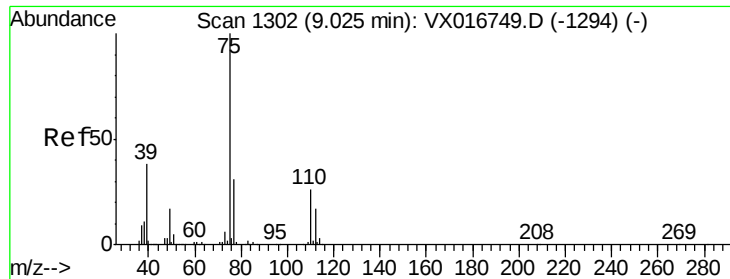
Tgt Ion: 92 Resp: 145948

Ion Ratio Lower Upper

92 100

91 167.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 16.968 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 75 Resp: 87065

Ion Ratio Lower Upper

75 100

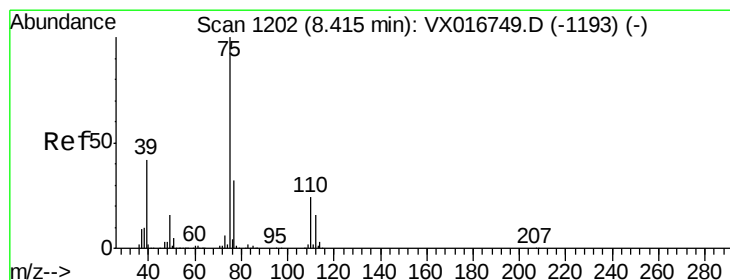
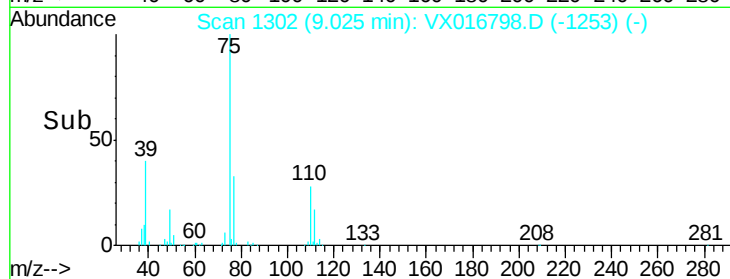
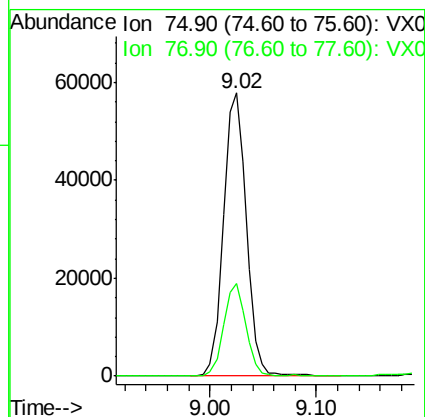
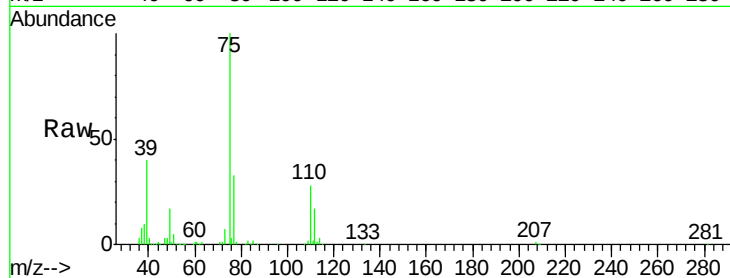
77 32.9 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 17.331 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

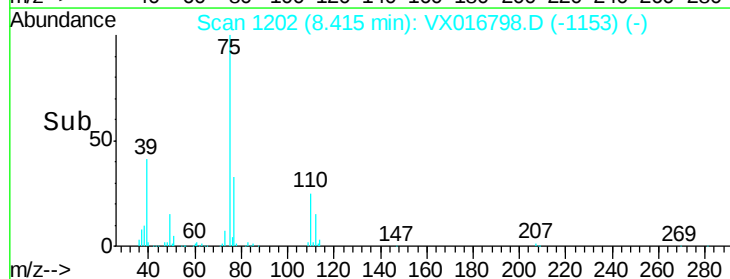
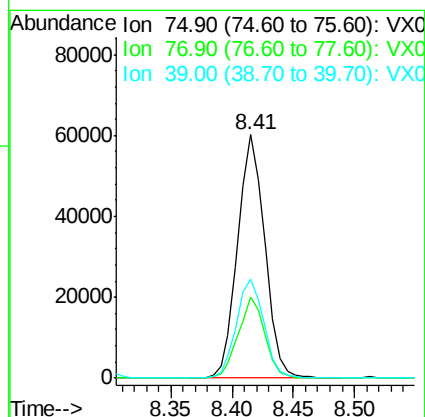
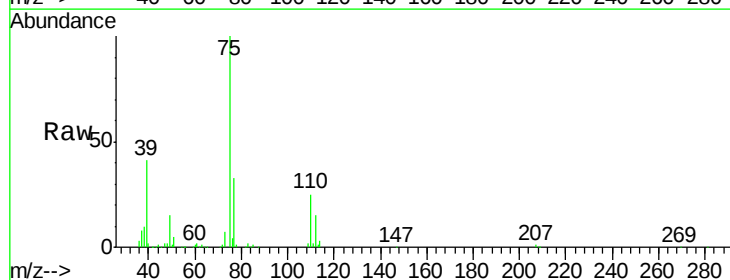
Tgt Ion: 75 Resp: 92763

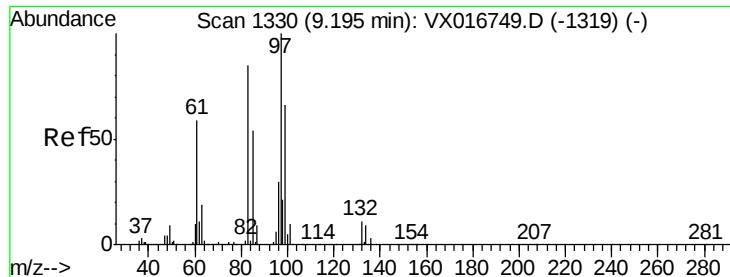
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

39 40.7 33.7 50.5





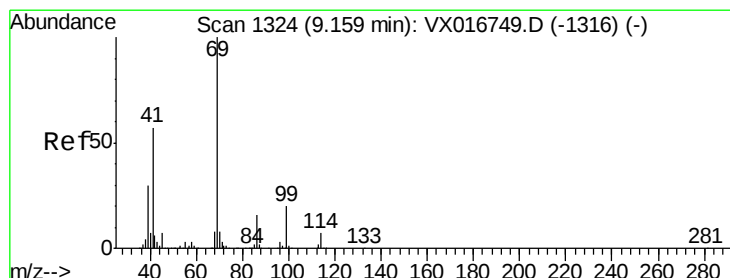
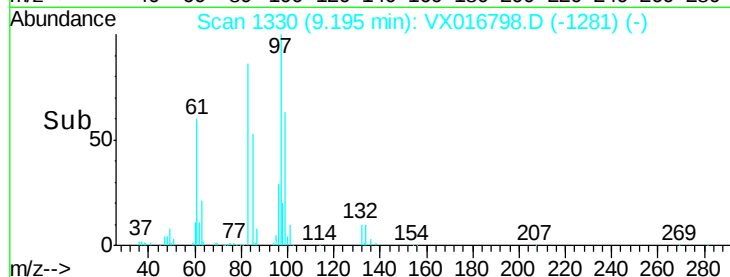
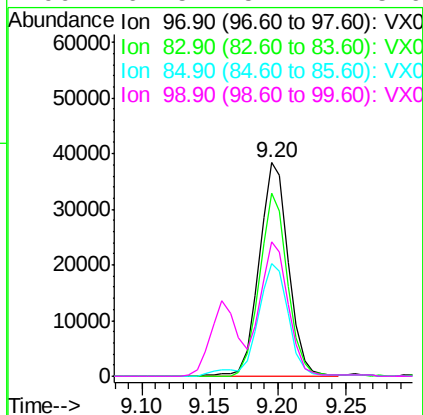
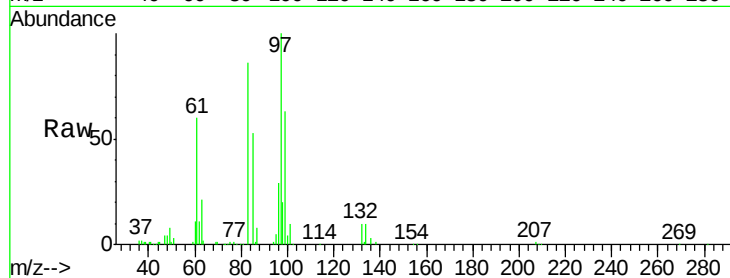
#55
 1,1,2-Trichloroethane
 Concen: 18.215 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion:	97	Resp:	58035
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.3	102.5
85	52.9	43.5	65.3
99	62.5	52.4	78.6

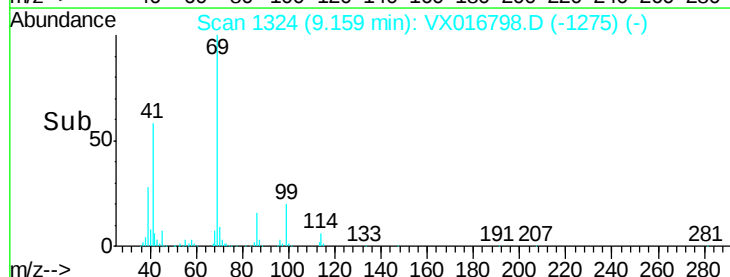
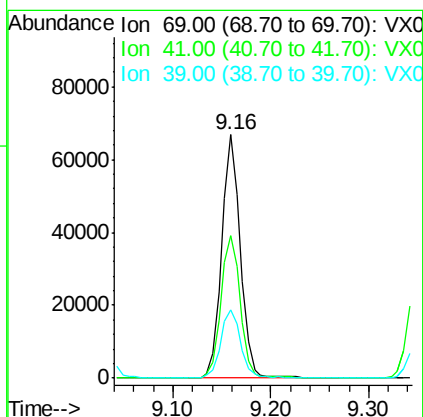
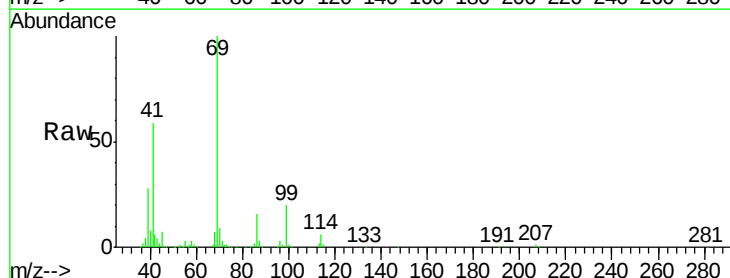
Manual Integrations
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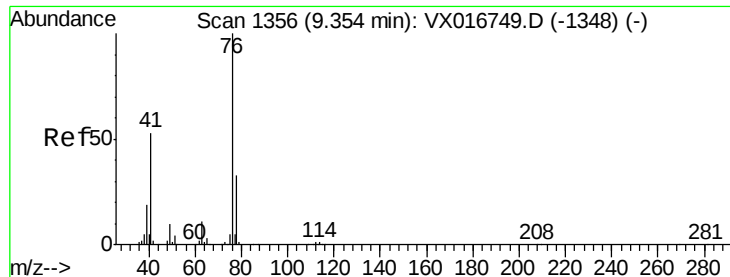
MMDadoda
 6/17/2020 9:35:06 AM



#56
 Ethyl methacrylate
 Concen: 18.505 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion:	69	Resp:	88272
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	29.9	25.0	37.6





#57

1,3-Dichloropropane

Concen: 17.963 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 76 Resp: 96204

Ion Ratio Lower Upper

76 100

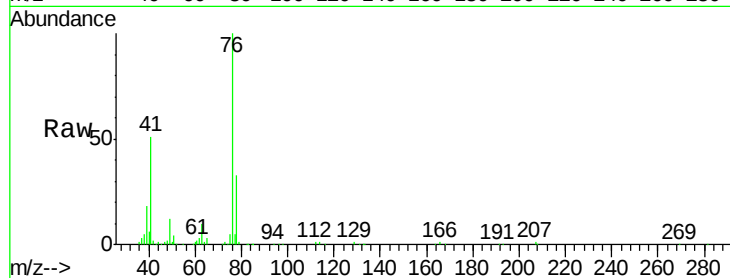
78 33.0 25.7 38.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

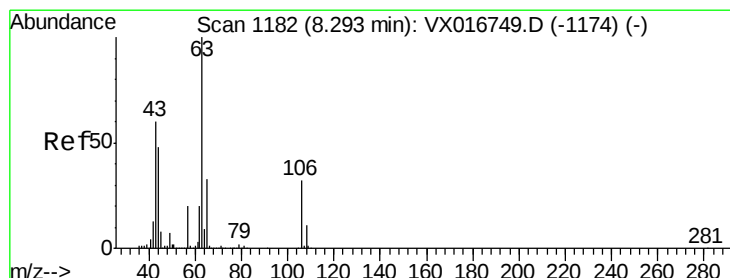
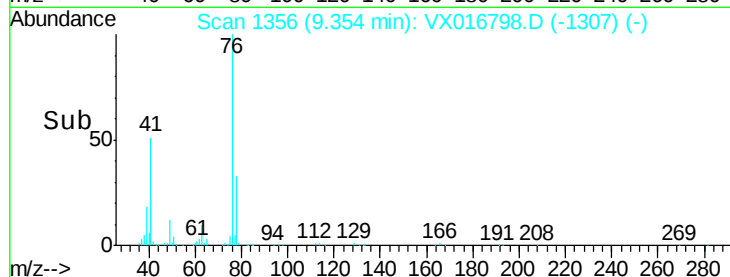
40000

20000

0

Time-->

9.30 9.35 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 98.094 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016798.D

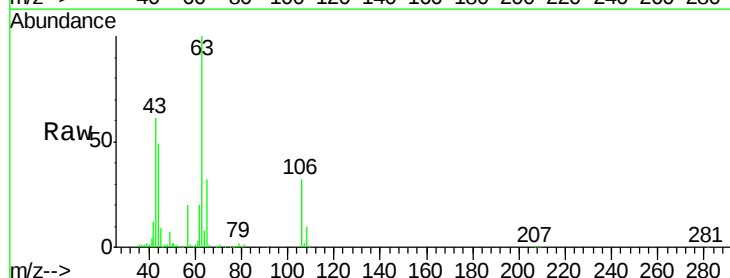
Acq: 16 Jun 2020 23:48

Tgt Ion: 63 Resp: 230076

Ion Ratio Lower Upper

63 100

106 31.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

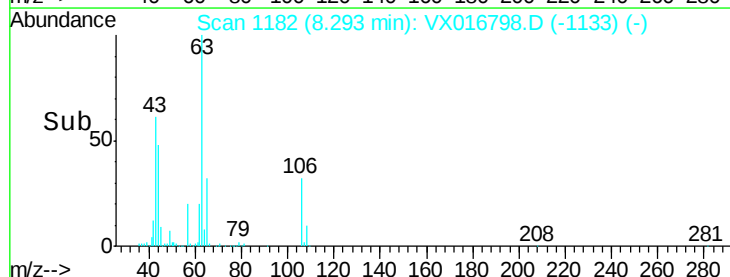
100000

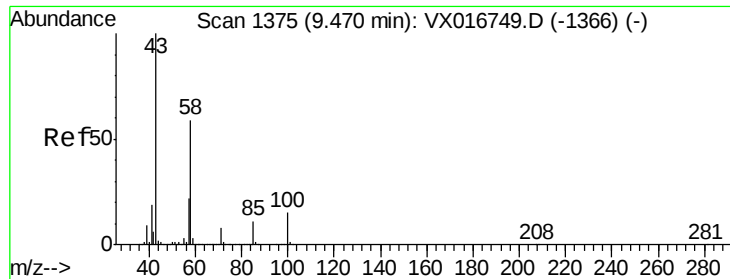
50000

0

Time-->

8.20 8.25 8.30 8.35 8.40





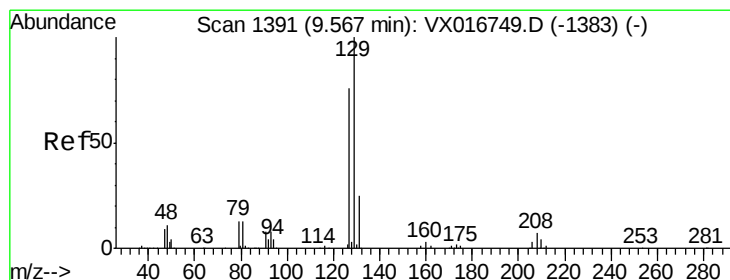
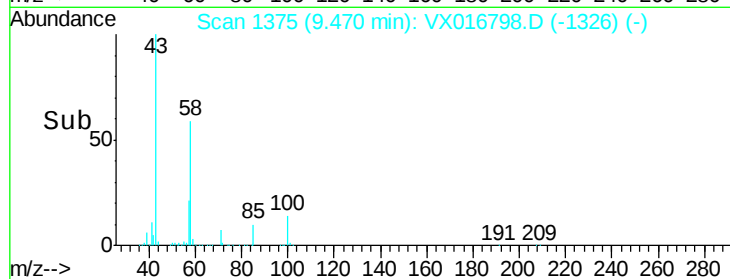
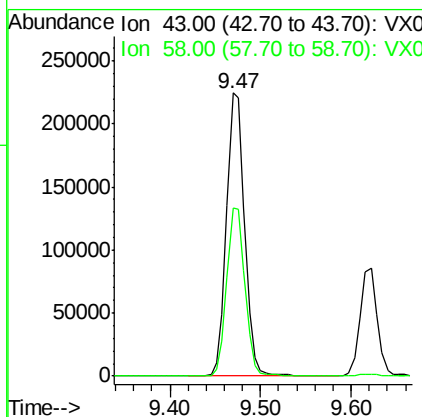
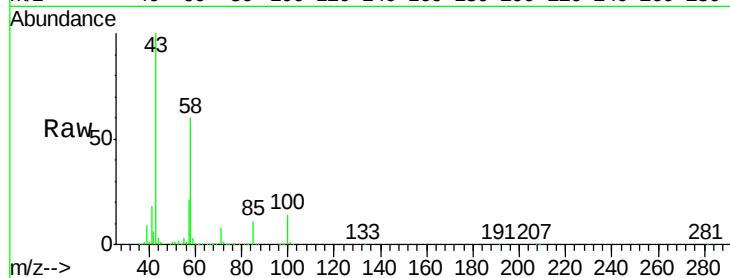
#59
2-Hexanone
Concen: 95.716 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.1	29.9	89.8

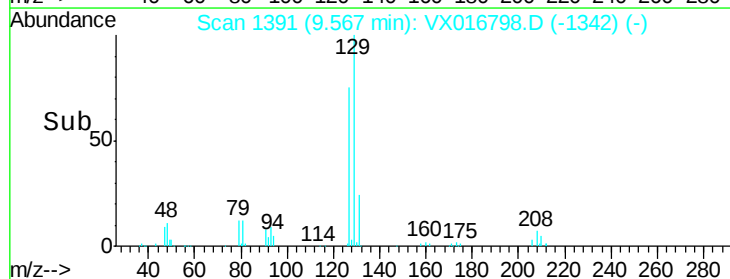
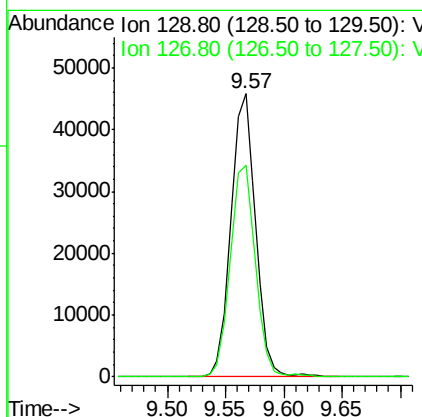
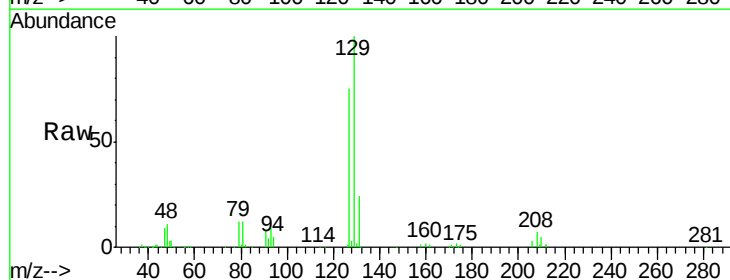
Manual Integrations
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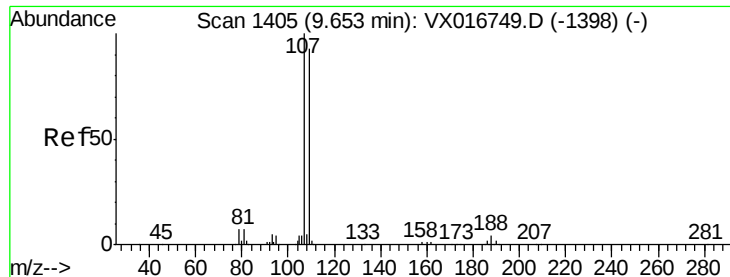
MMDadoda
6/17/2020 9:35:06 AM



#60
Dibromochloromethane
Concen: 17.939 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.7	116.1





#61

1,2-Dibromoethane

Concen: 18.241 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion:107 Resp: 63337

Ion Ratio Lower Upper

107 100

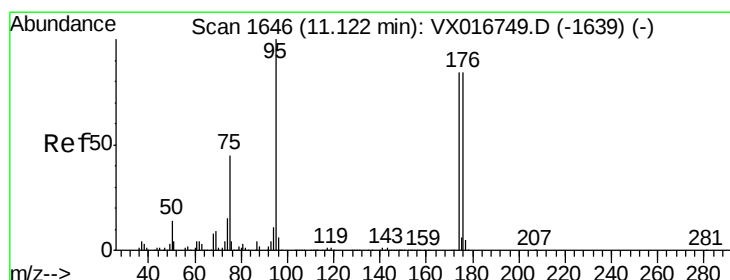
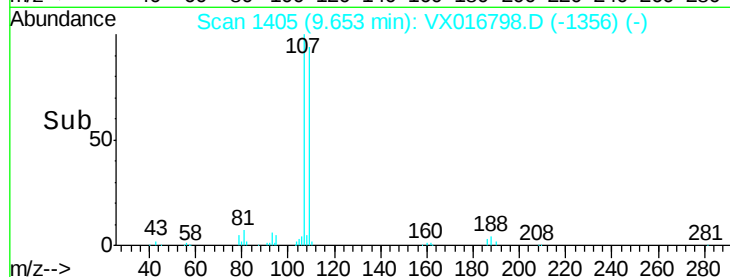
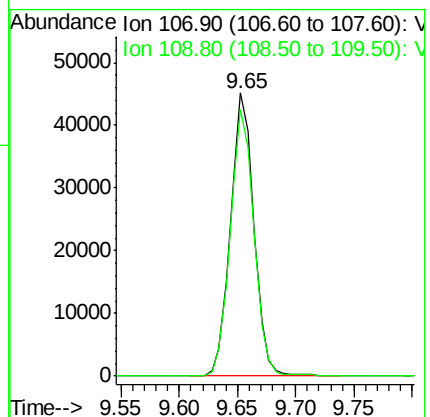
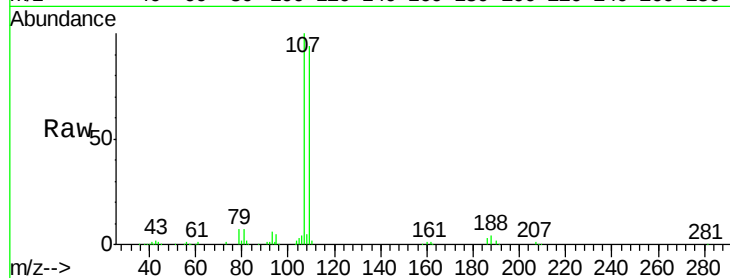
109 95.5 74.2 111.4

Manual Integrations

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6/17/2020 9:35:06 AM



#62

4-Bromofluorobenzene

Concen: 49.435 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

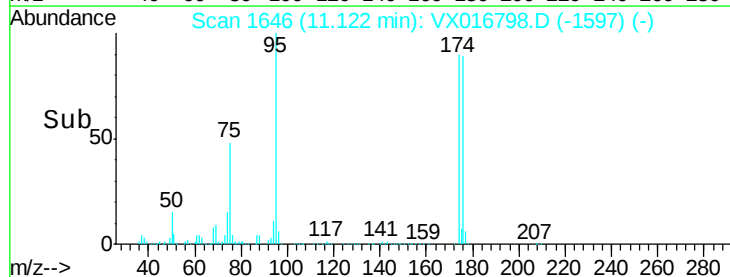
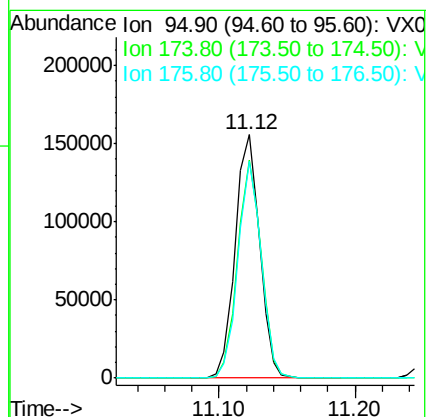
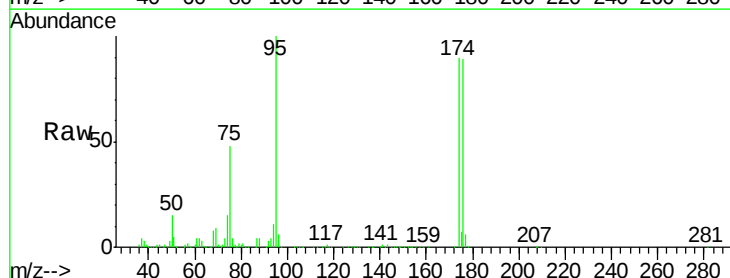
Tgt Ion: 95 Resp: 194996

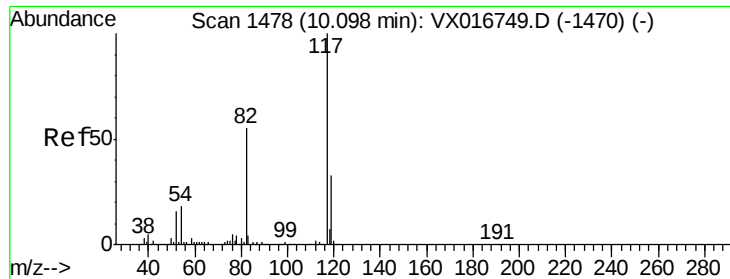
Ion Ratio Lower Upper

95 100

174 87.0 0.0 171.0

176 85.1 0.0 166.2





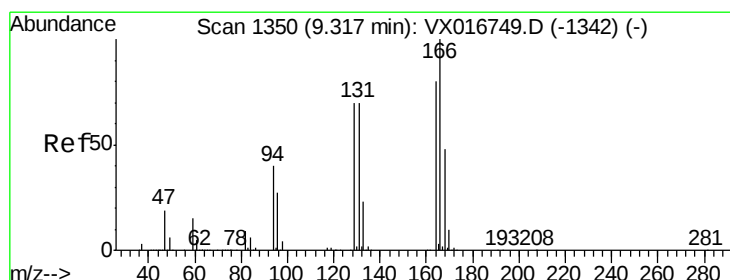
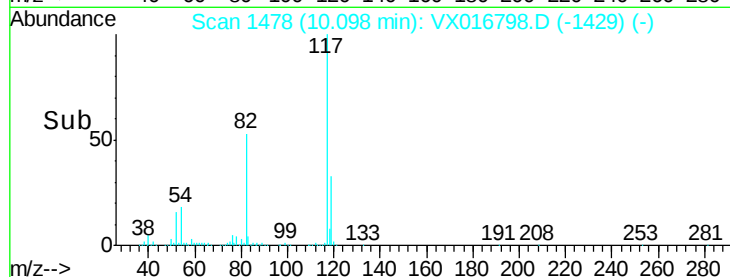
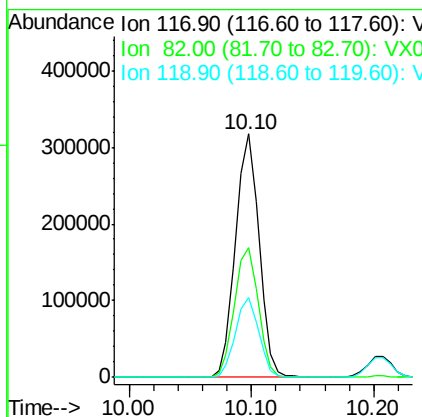
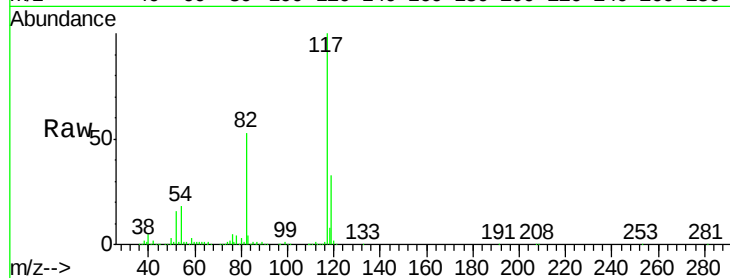
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.6
119	32.9	26.2	39.4

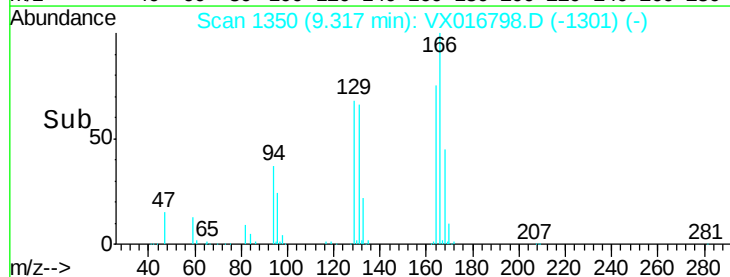
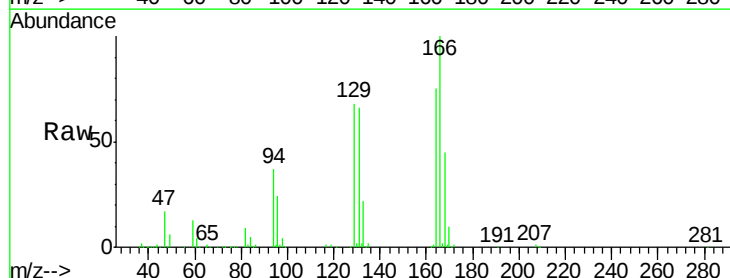
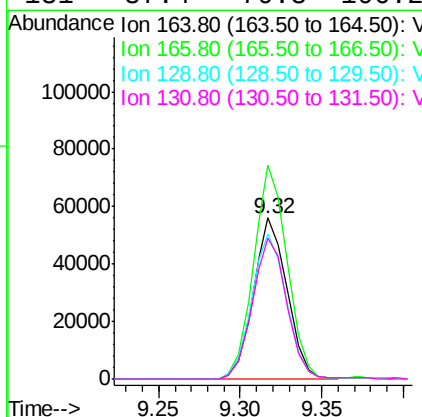
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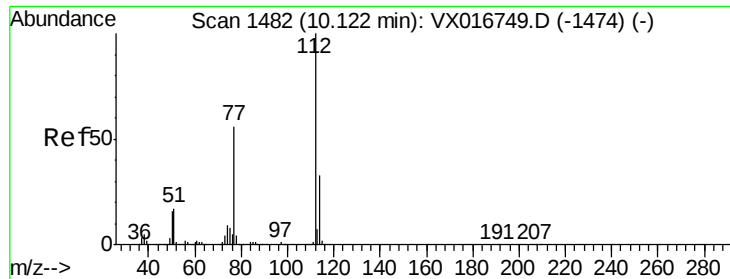
MMDadoda
6/17/2020 9:35:06 AM



#64
Tetrachloroethene
Concen: 19.709 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	100.6	150.8
129	89.5	70.1	105.1
131	87.4	70.8	106.2





#65

Chlorobenzene

Concen: 18.479 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS02

Tot Ion:112 Resp: 158675

Ion Ratio Lower Upper

112 100

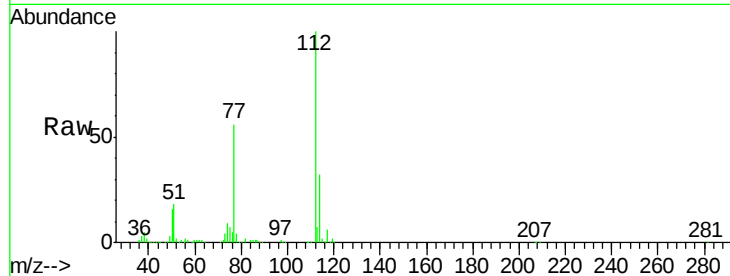
114 31.7 26.2 39.4

Manual Integrations

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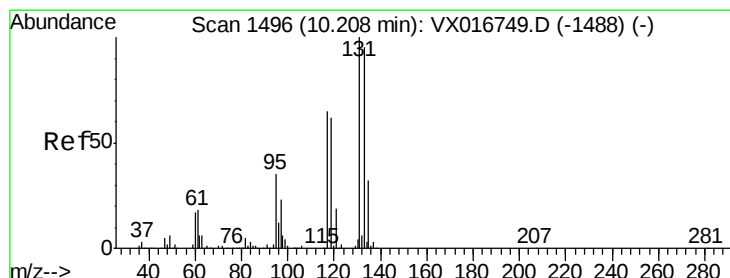
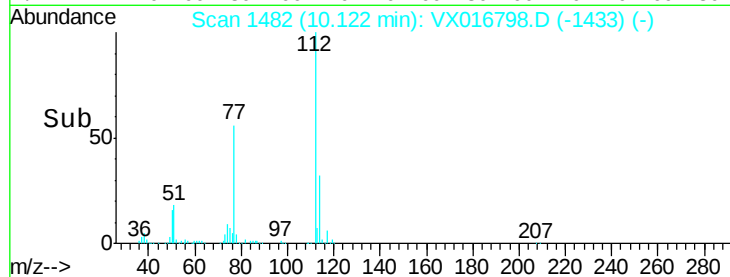
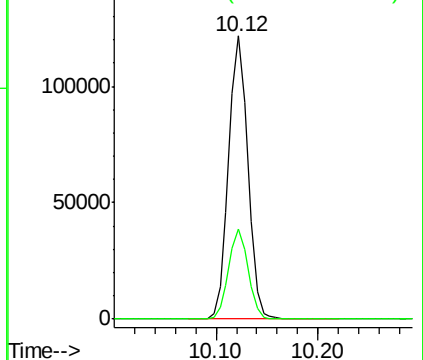
MMDadoda

6/17/2020 9:35:06 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.758 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

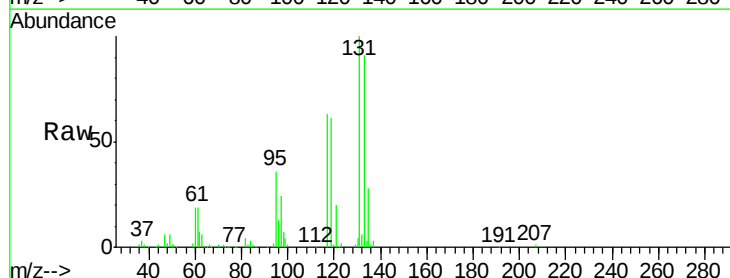
Tgt Ion:131 Resp: 60827

Ion Ratio Lower Upper

131 100

133 95.0 46.8 140.3

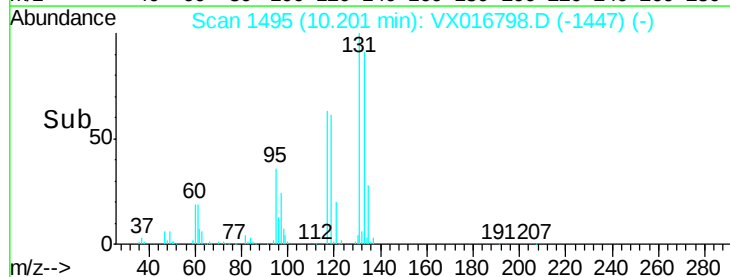
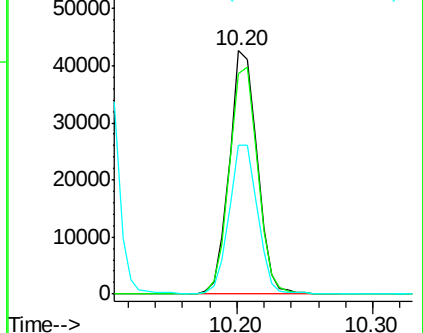
119 62.7 31.4 94.0

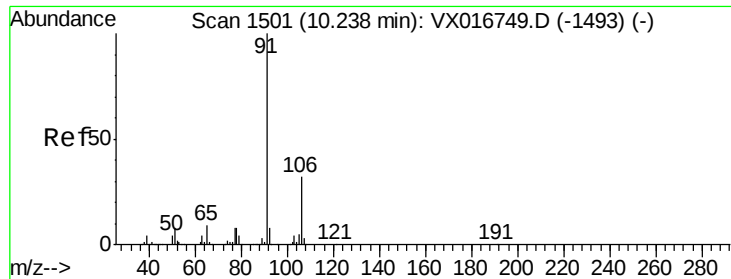


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





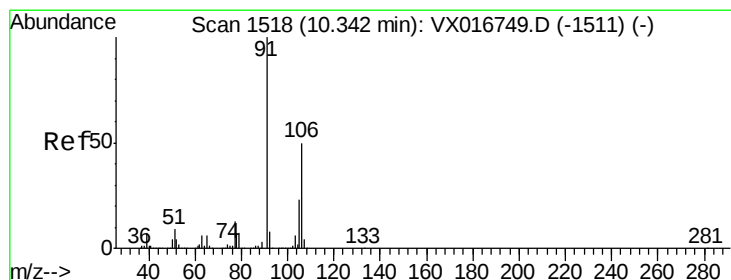
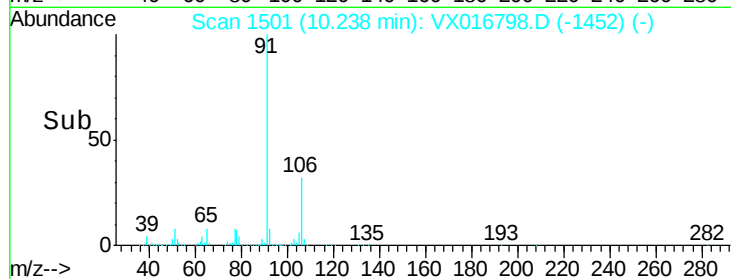
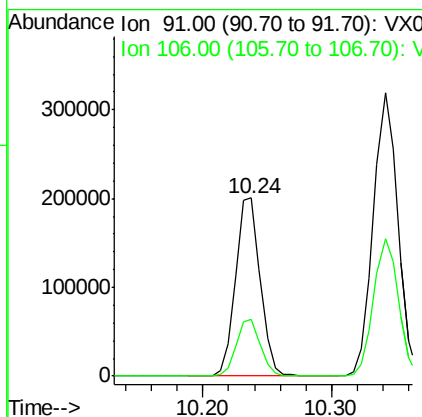
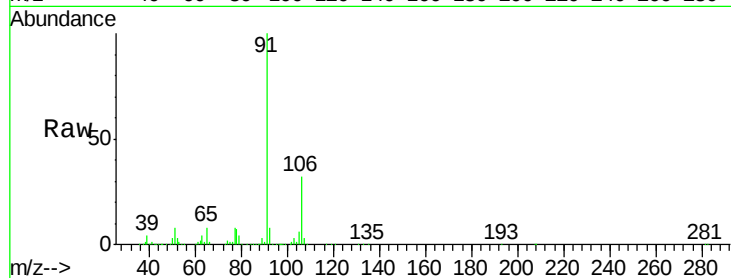
#67
Ethyl Benzene
Concen: 18.525 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion: 91 Resp: 268909
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

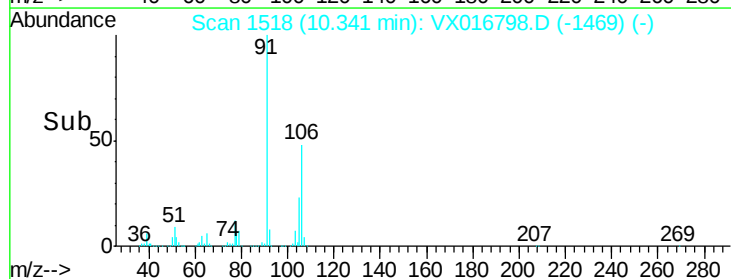
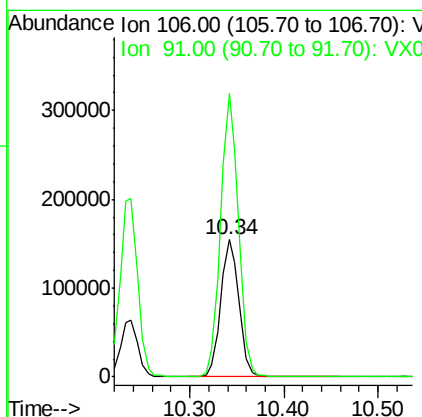
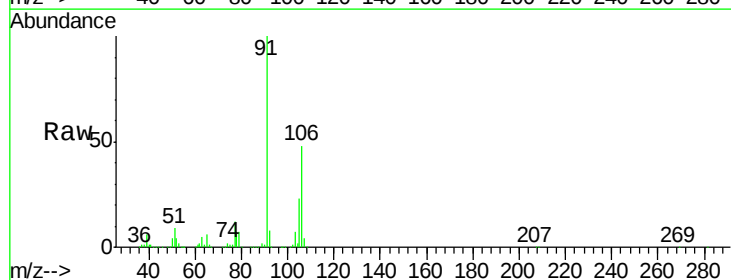
Manual Integrations
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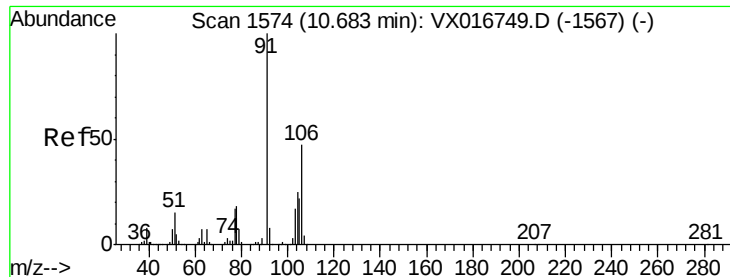
MMDadoda
6/17/2020 9:35:06 AM



#68
m/p-Xylenes
Concen: 37.302 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion: 106 Resp: 205300
Ion Ratio Lower Upper
106 100
91 203.1 161.2 241.8





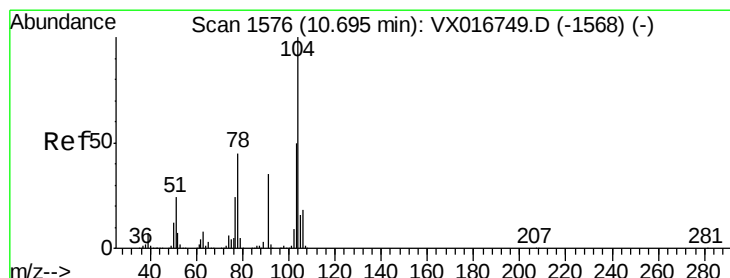
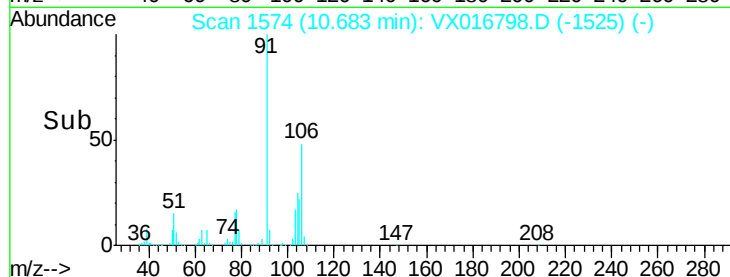
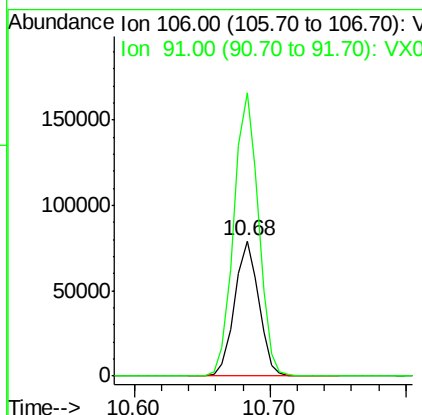
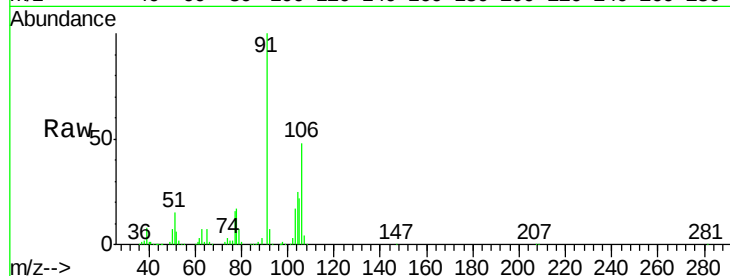
#69
o-Xylene
Concen: 18.440 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion:106 Resp: 97771
Ion Ratio Lower Upper
106 100
91 214.3 106.9 320.8

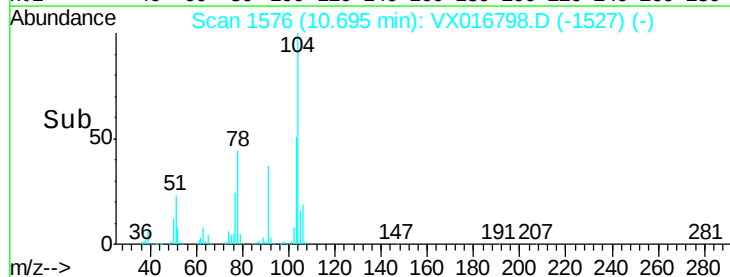
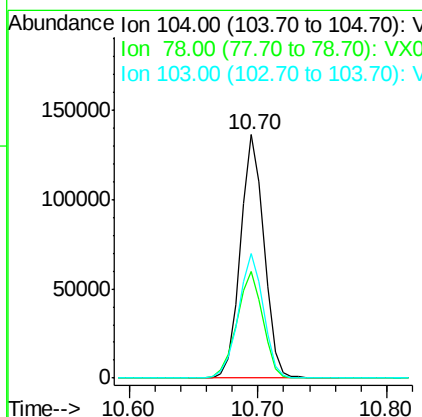
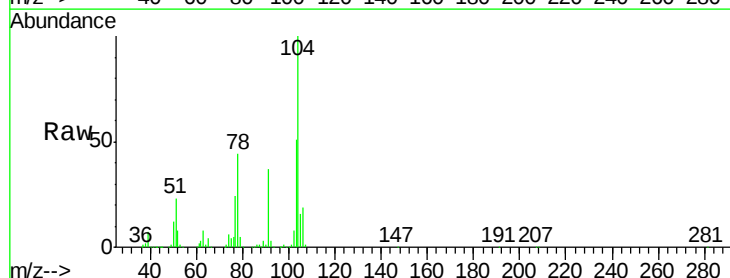
Manual Integrations
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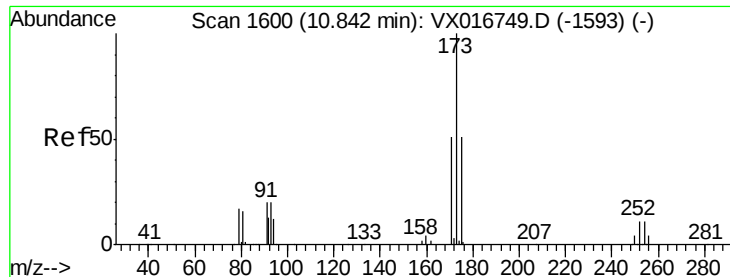
MMDadoda
6/17/2020 9:35:06 AM



#70
Styrene
Concen: 18.799 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion:104 Resp: 172314
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 54.7 43.4 65.2





#71

Bromoform

Concen: 18.091 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion:173 Resp: 52873

Ion Ratio Lower Upper

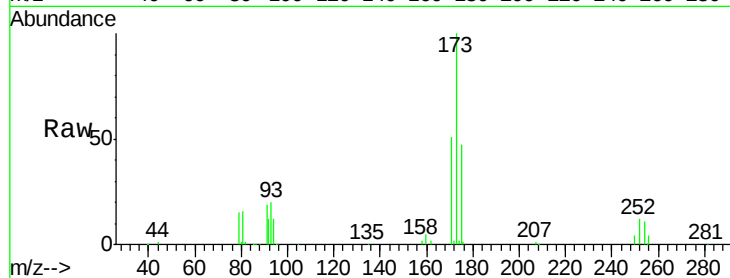
173 100

175 48.8 25.1 75.4

254 0.0 0.1 0.1#

Manual Integrations
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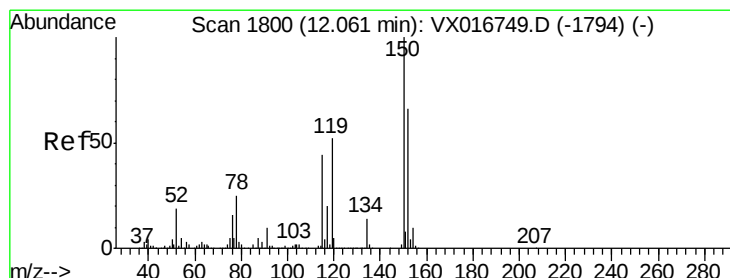
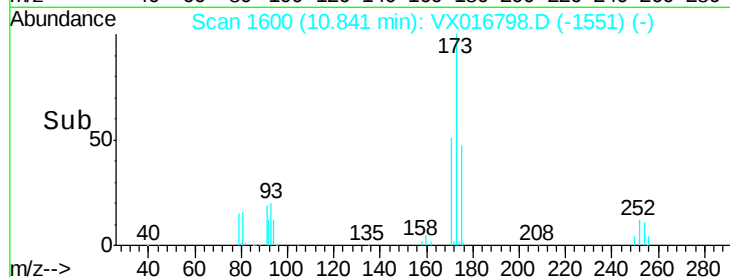
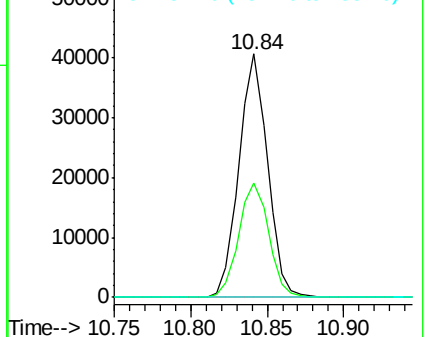
MMDadoda
6/17/2020 9:35:06 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

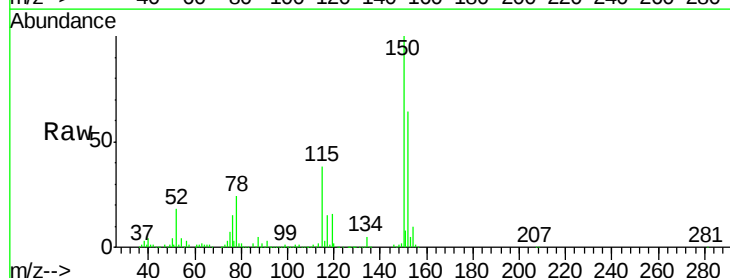
Tgt Ion:152 Resp: 215612

Ion Ratio Lower Upper

152 100

115 63.8 40.3 120.8

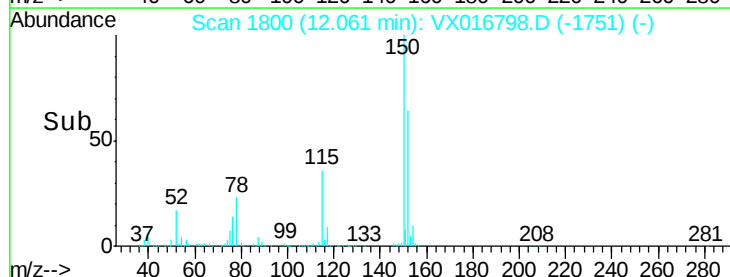
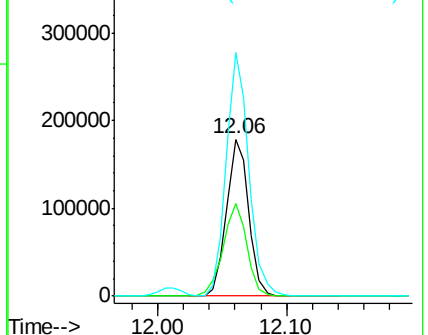
150 159.0 0.0 337.4

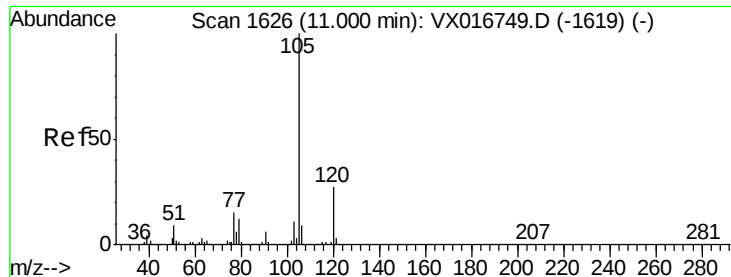


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.734 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 105 Resp: 265040

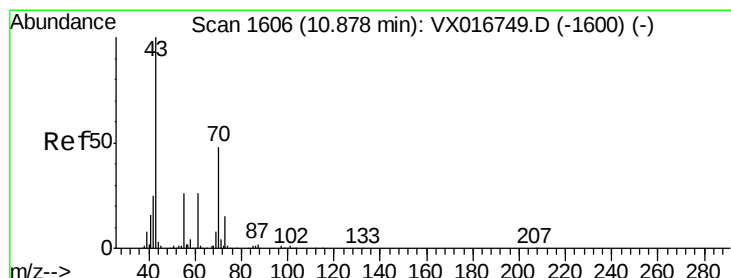
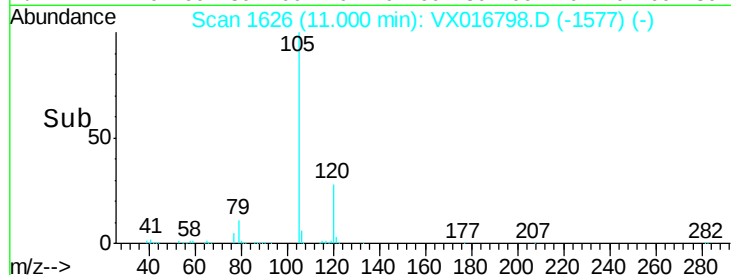
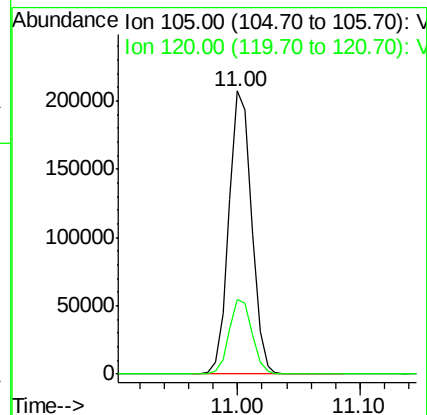
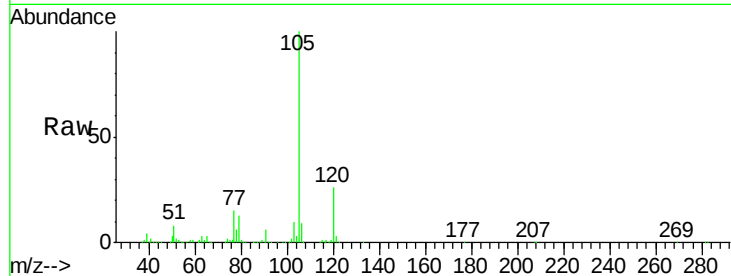
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.857 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion: 43 Resp: 103687

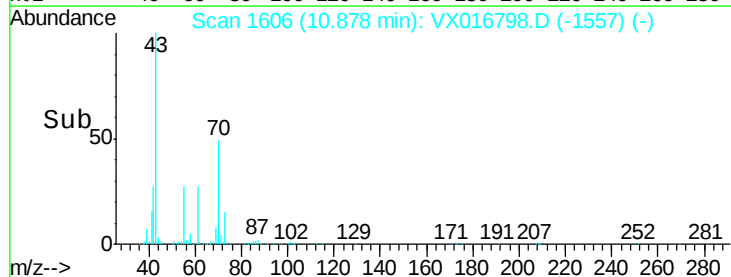
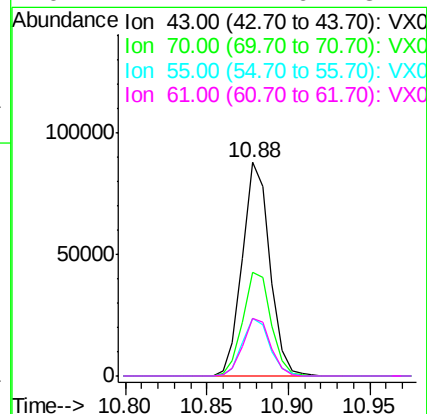
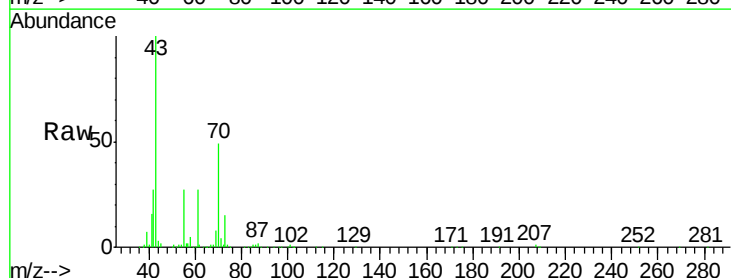
Ion Ratio Lower Upper

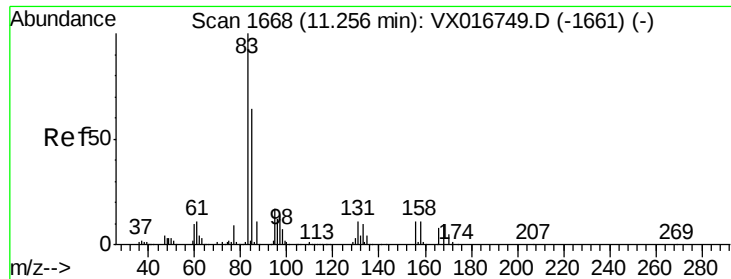
43 100

70 50.1 39.8 59.6

55 27.4 21.7 32.5

61 27.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.728 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

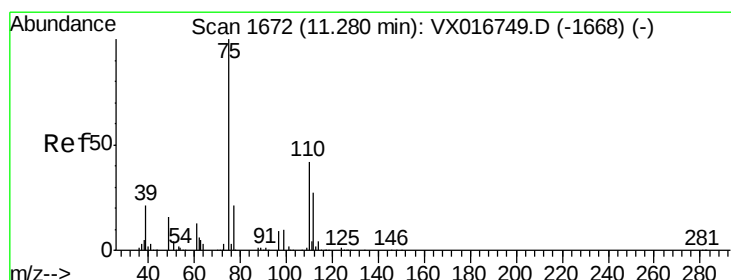
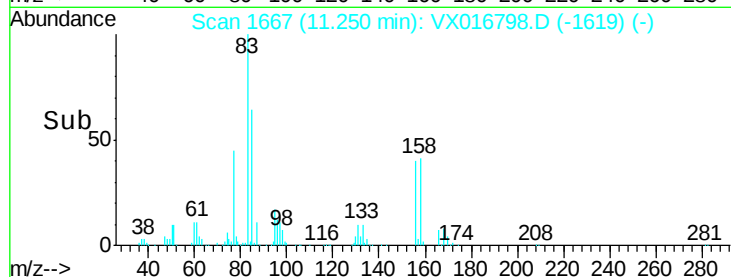
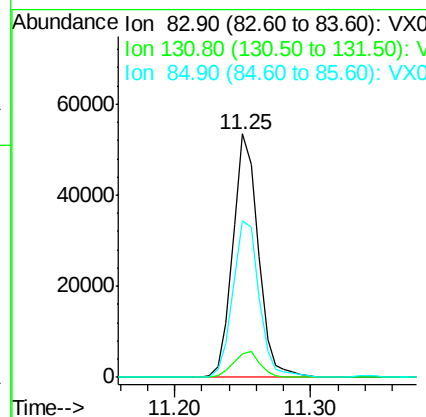
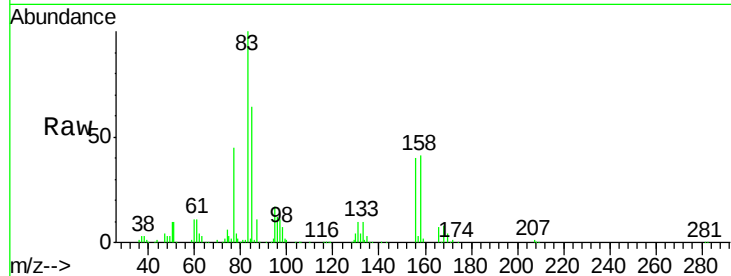
ClientSampleId :

VX0616WBS02

Tot Ion:	83	Resp:	69618
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	66.7	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 18.189 ug/l m

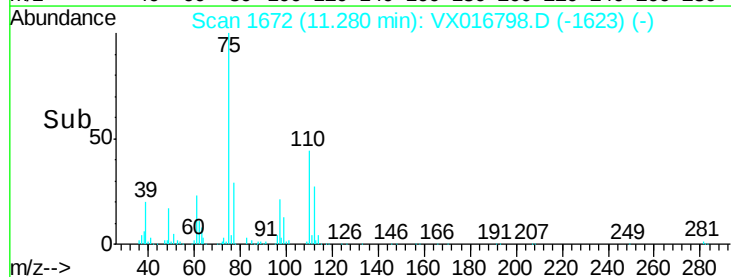
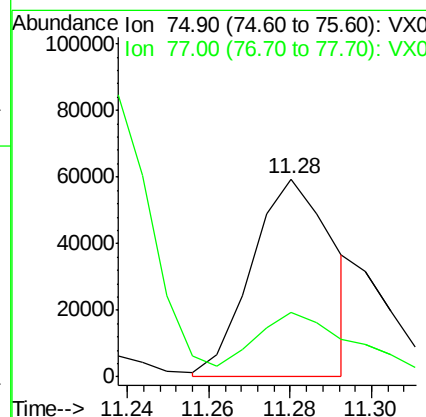
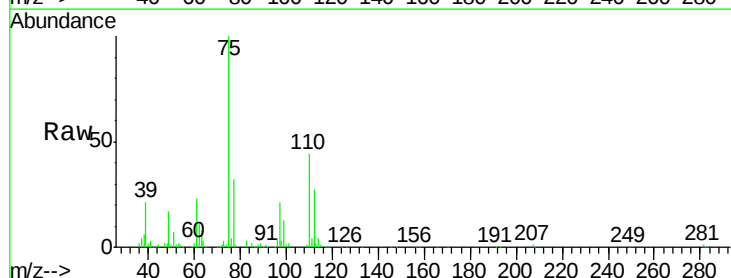
RT: 11.28 min Scan# 1672

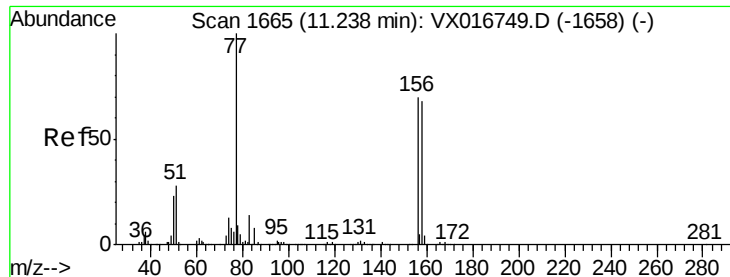
Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	75	Resp:	82475
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.3	60.9





#77

Bromobenzene

Concen: 17.869 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

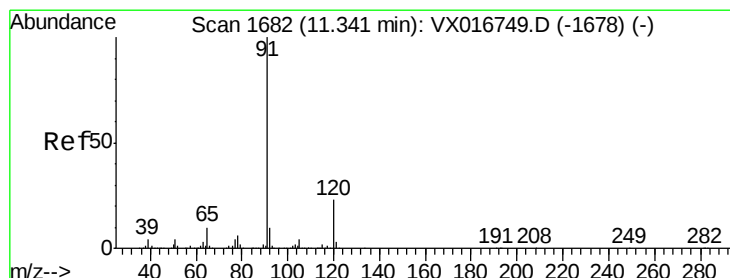
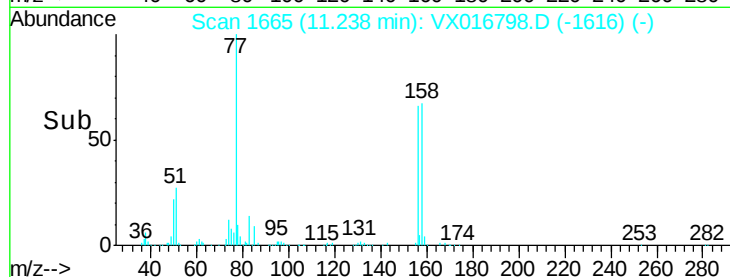
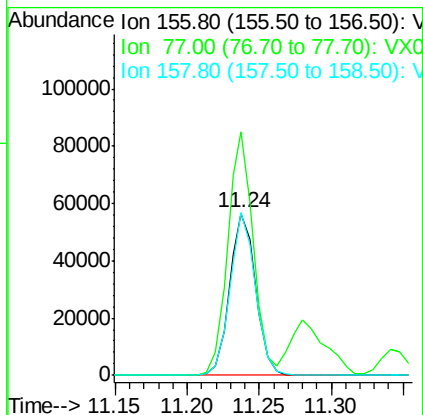
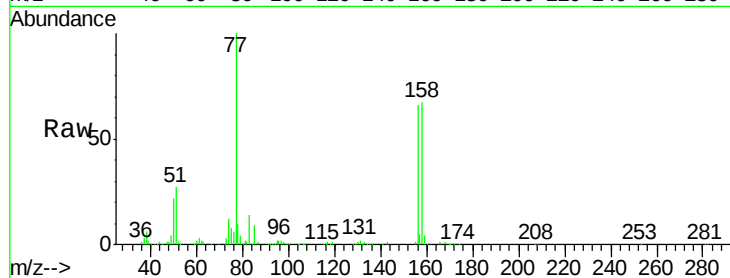
ClientSampleId :

VX0616WBS02

Tot Ion:	156	Resp:	71380
Ion Ratio	Lower	Upper	
156	100		
77	148.2	73.2	219.6
158	98.2	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 18.892 ug/l

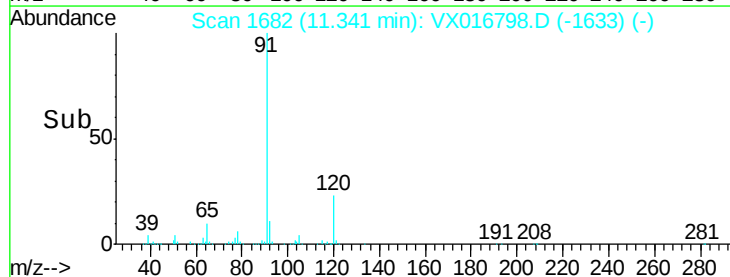
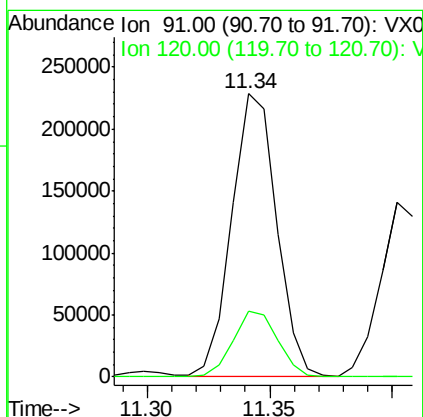
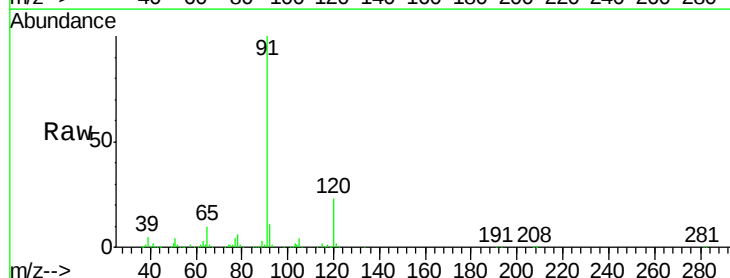
RT: 11.34 min Scan# 1682

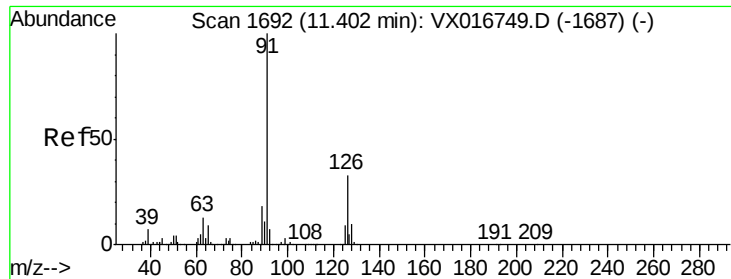
Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	91	Resp:	290266
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.0	36.0





#79

2-Chlorotoluene

Concen: 18.258 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS02

Tot Ion: 91 Resp: 177386

Ion Ratio Lower Upper

91 100

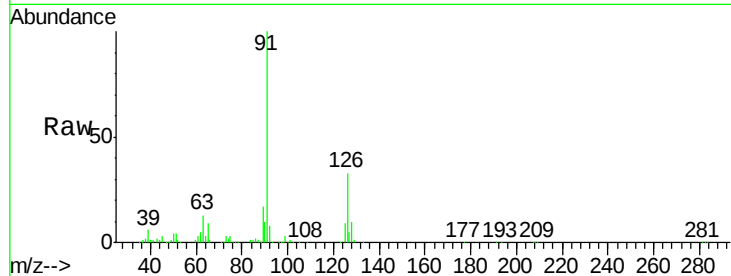
126 34.3 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)

250000

200000

150000

100000

50000

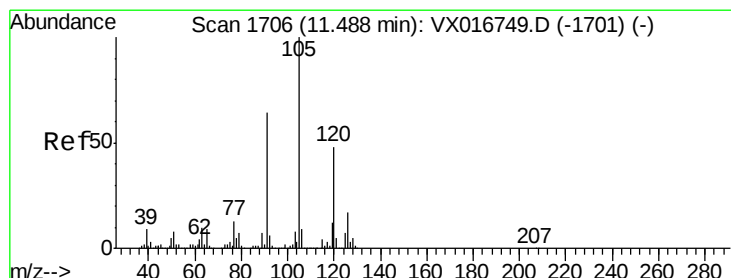
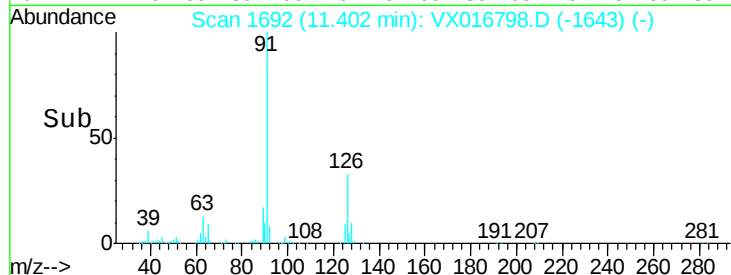
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.979 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016798.D

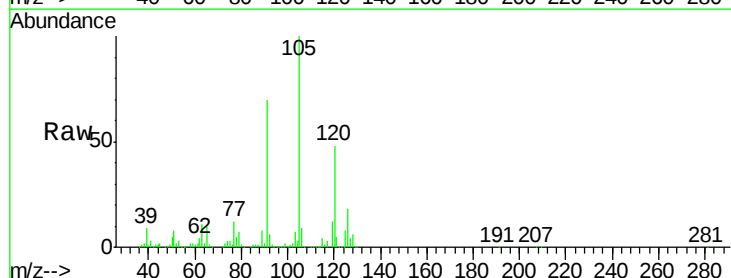
Acq: 16 Jun 2020 23:48

Tgt Ion: 105 Resp: 225082

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)

200000

150000

100000

50000

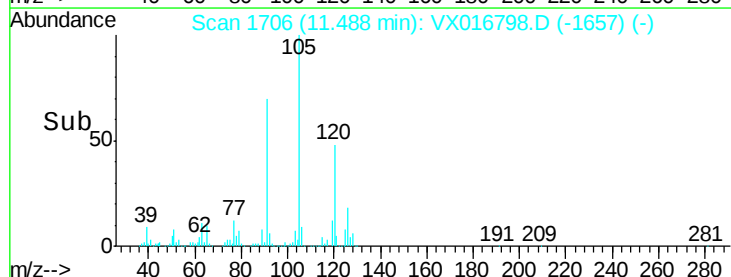
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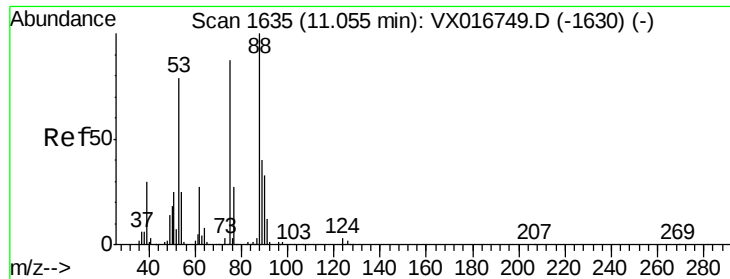
11.49

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.011 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

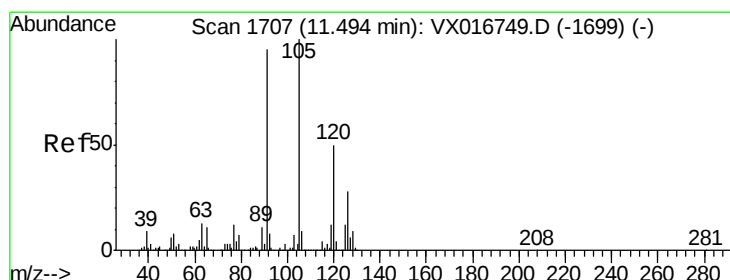
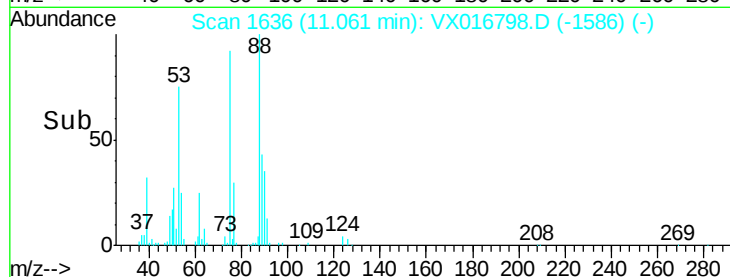
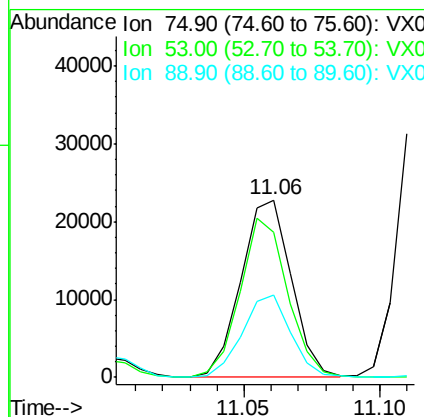
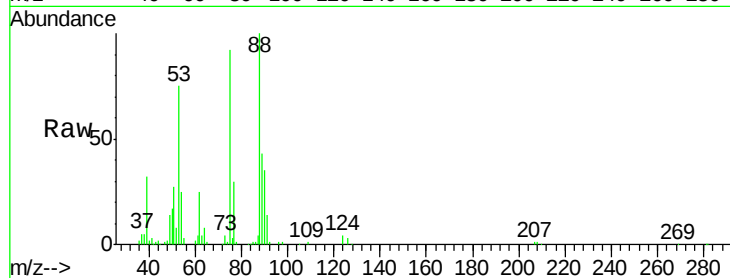
ClientSampleId :

VX0616WBS02

Tot Ion:	75	Resp:	28837
Ion	Ratio	Lower	Upper
75	100		
53	86.4	71.4	107.0
89	45.6	39.1	58.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.481 ug/l

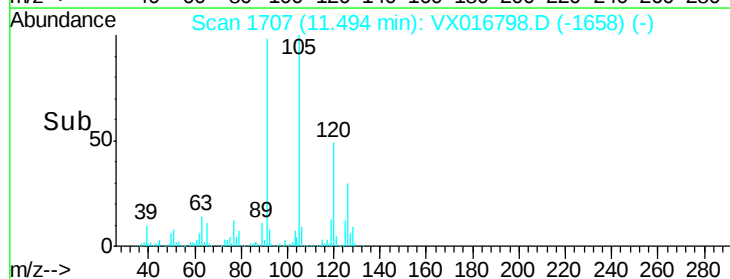
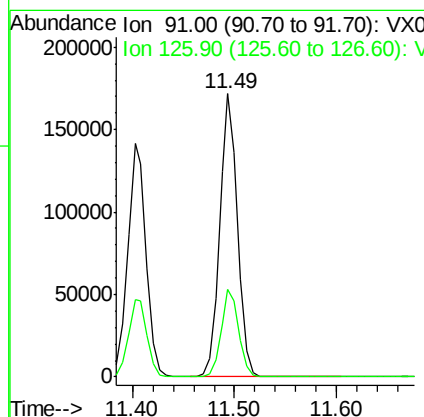
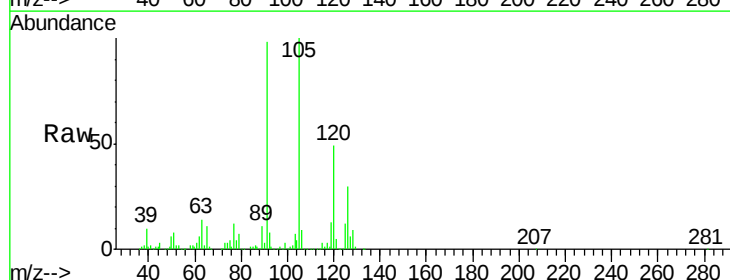
RT: 11.49 min Scan# 1707

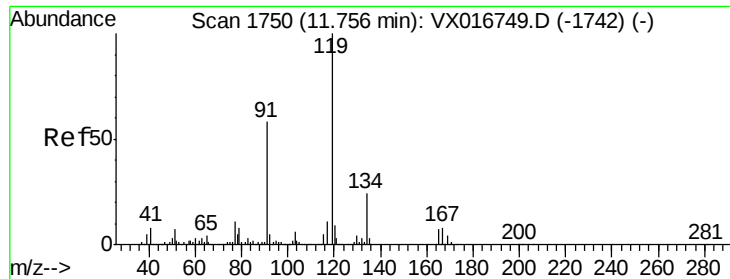
Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	91	Resp:	210171
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





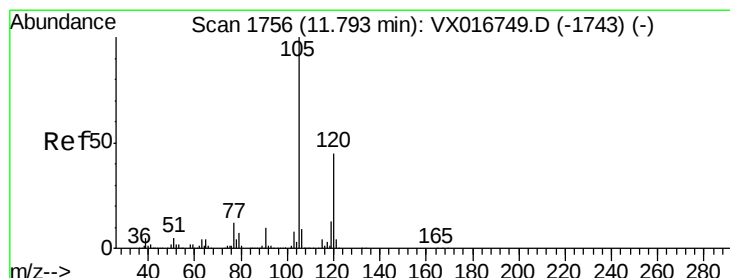
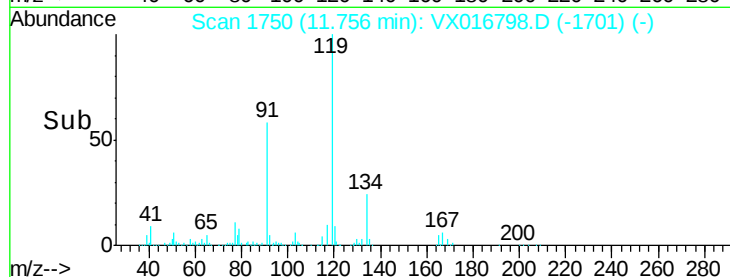
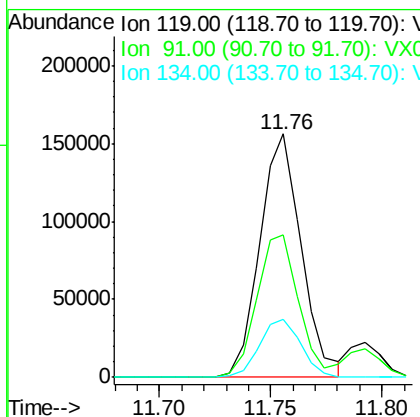
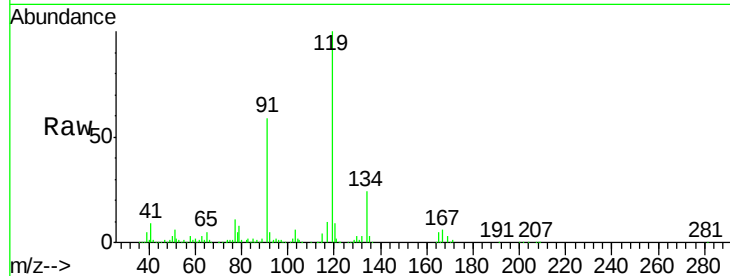
#83
 tert-Butylbenzene
 Concen: 18.622 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	202084		
91	58.6	29.3	88.0	
134	23.9	11.8	35.3	

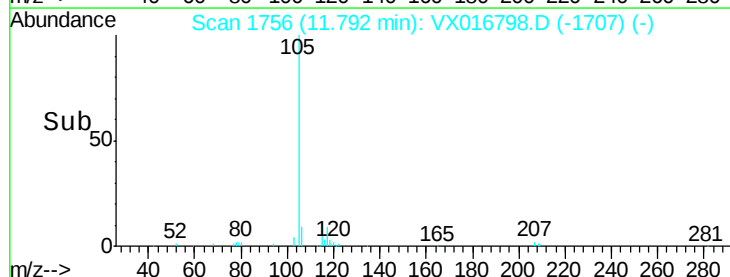
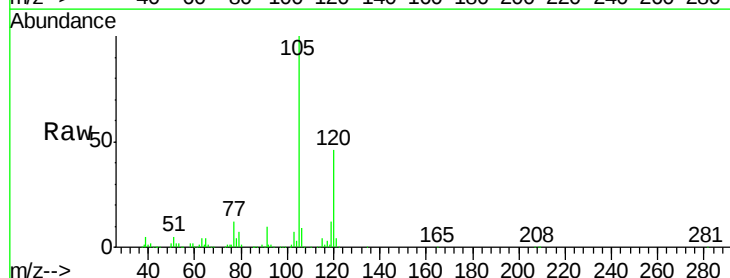
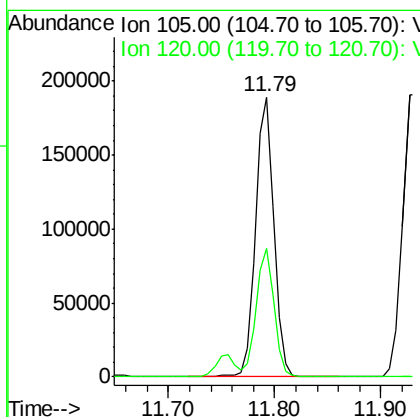
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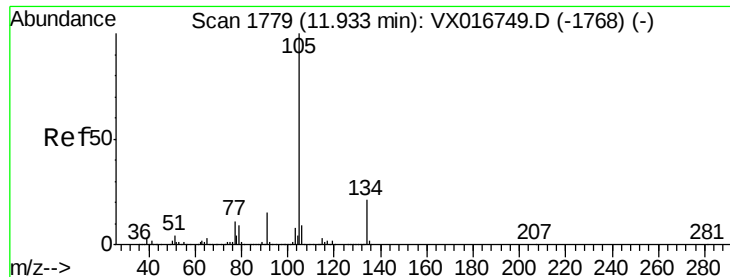
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.006 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228024		
120	44.8	22.6	67.8	





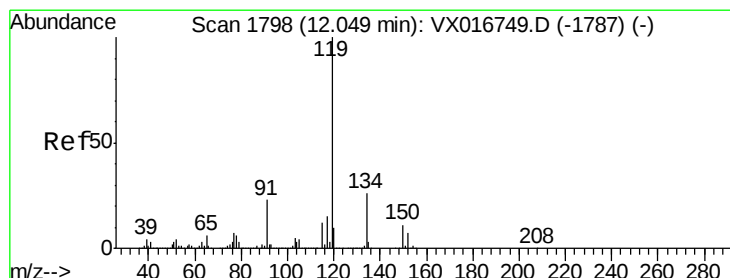
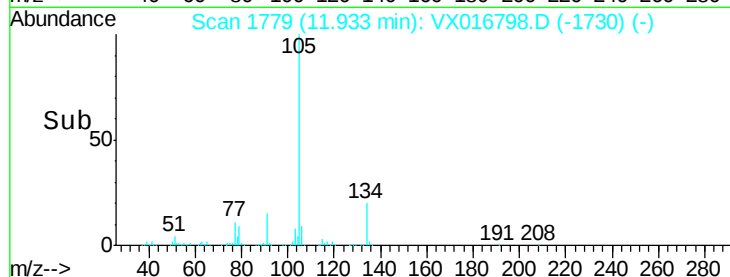
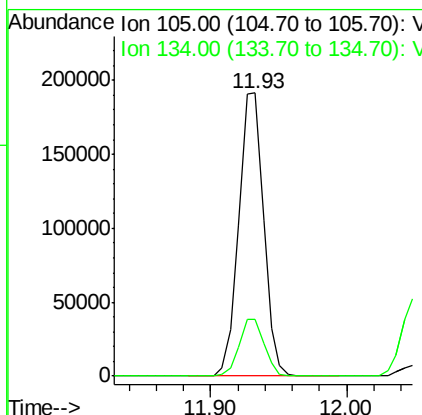
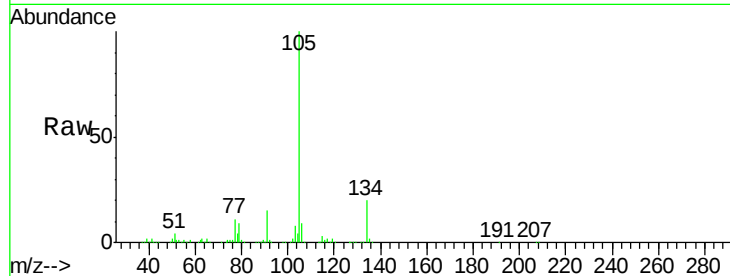
#85
 sec-Butylbenzene
 Concen: 19.210 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.3	30.8

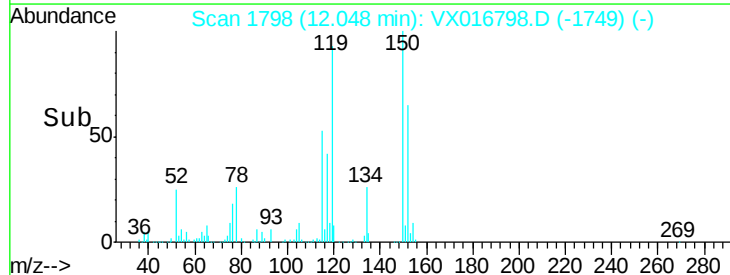
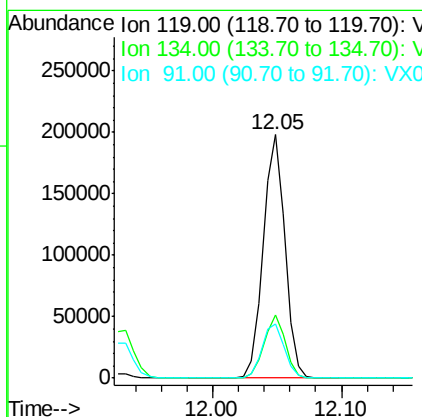
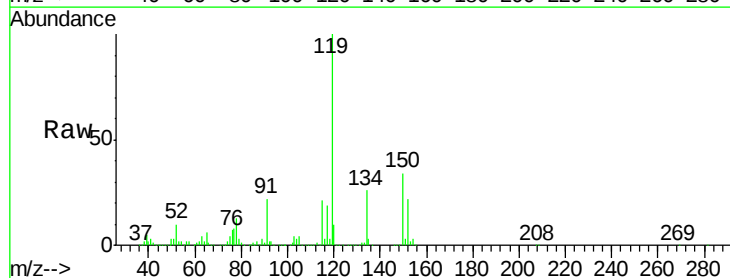
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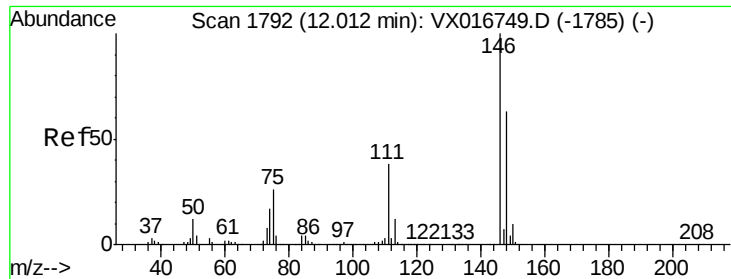
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#86
 p-Isopropyltoluene
 Concen: 18.883 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	22.7	11.6	34.7





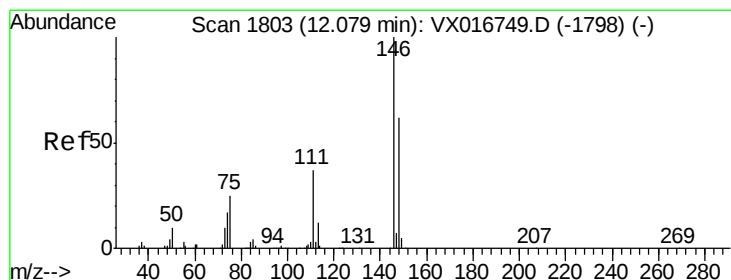
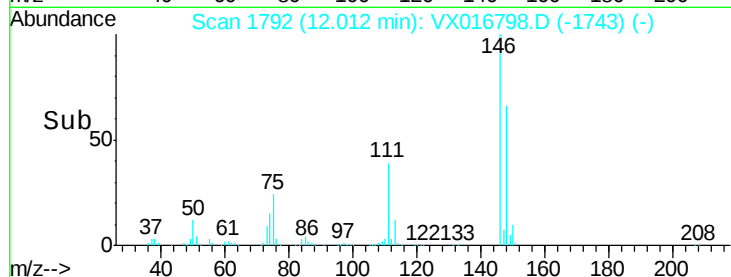
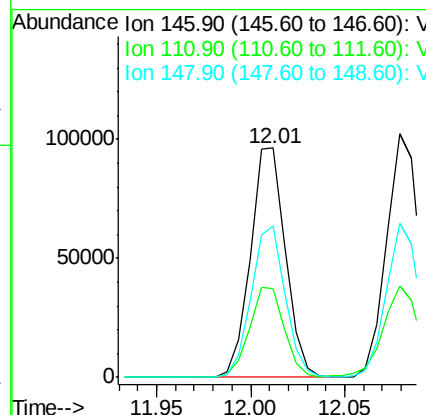
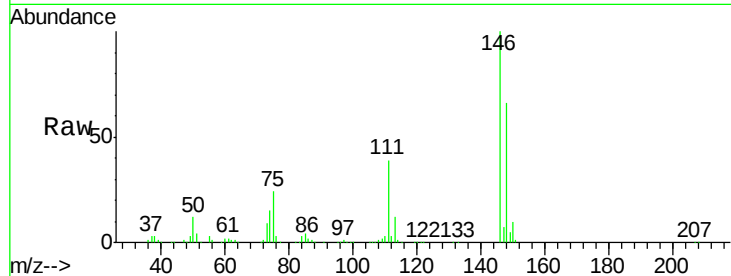
#87
 1,3-Dichlorobenzene
 Concen: 18.389 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	64.3	31.9	95.7

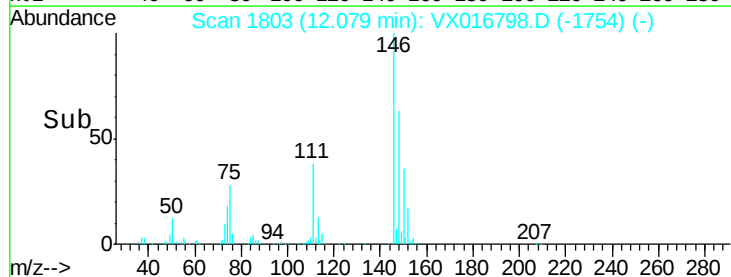
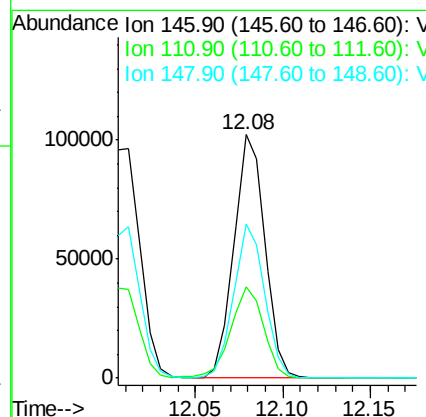
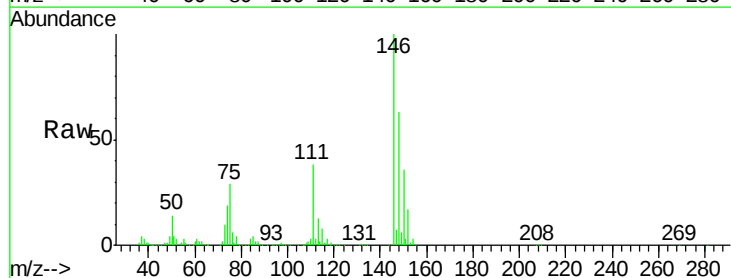
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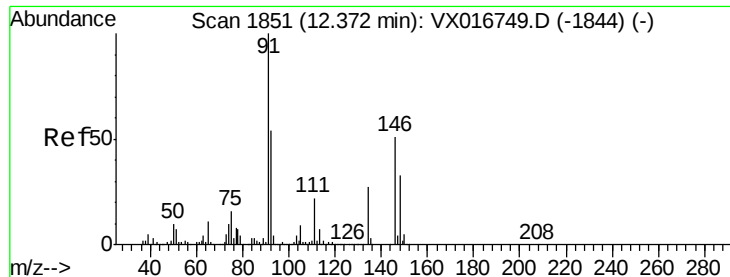
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#88
 1,4-Dichlorobenzene
 Concen: 17.989 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.8
148	63.5	32.1	96.5





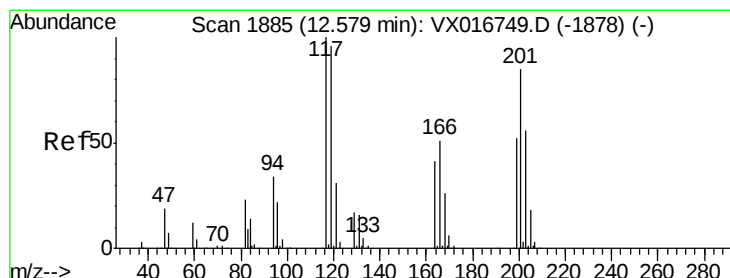
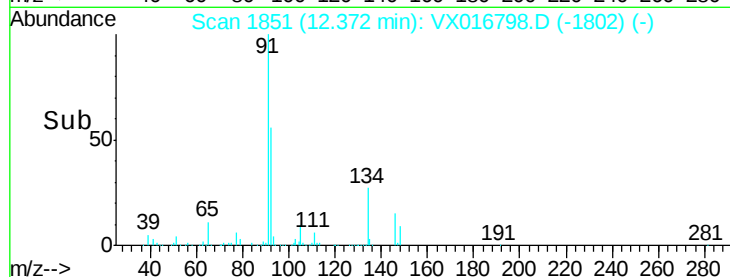
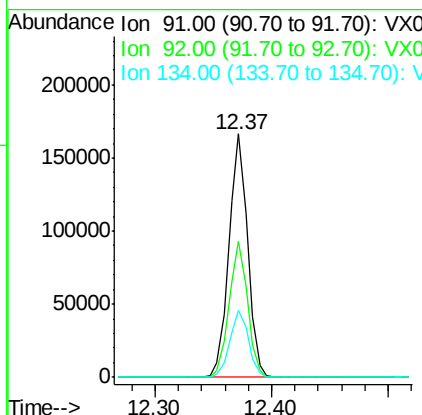
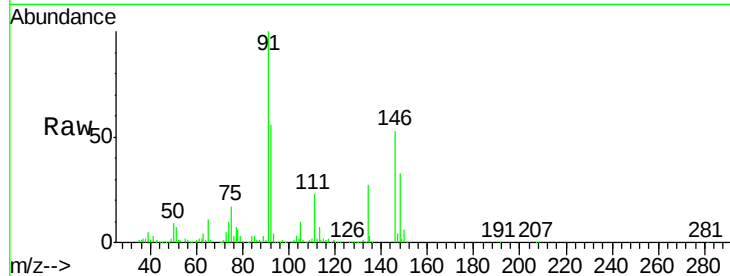
#89
n-Butylbenzene
Concen: 18.378 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.0	80.8
134	27.6	13.7	41.0

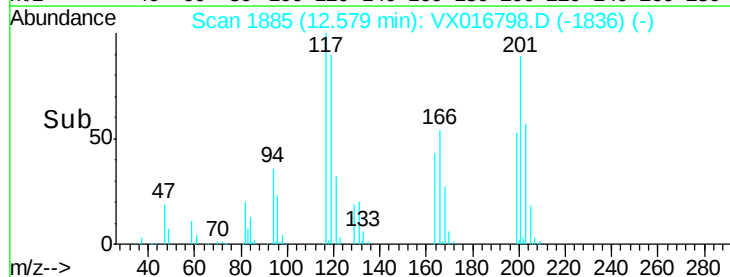
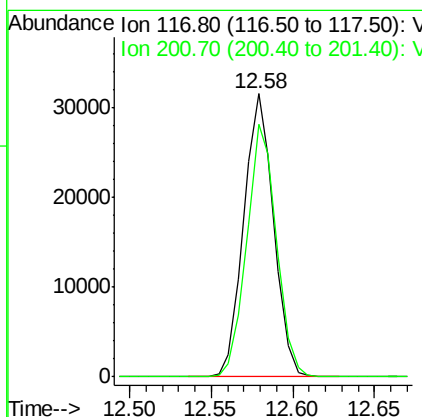
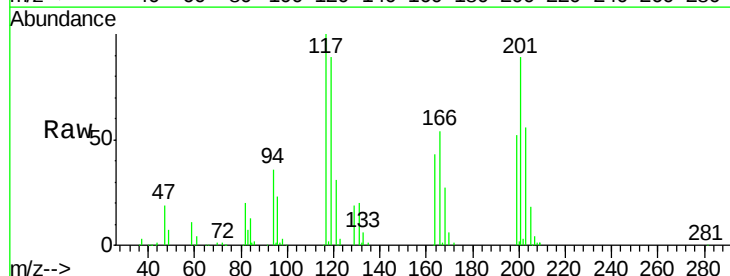
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#90
Hexachloroethane
Concen: 17.938 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016798.D
Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	45.6	136.9





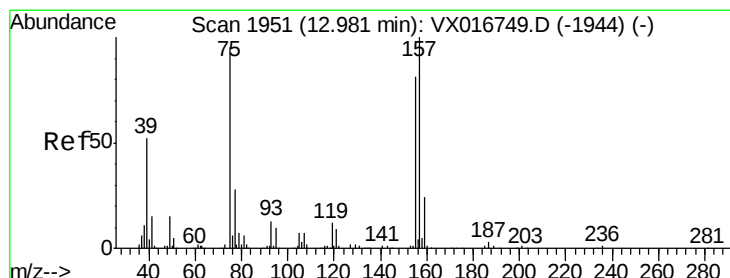
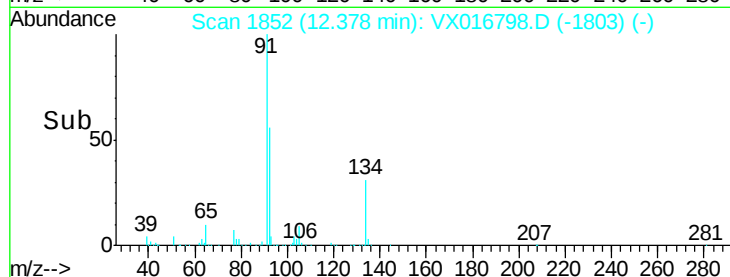
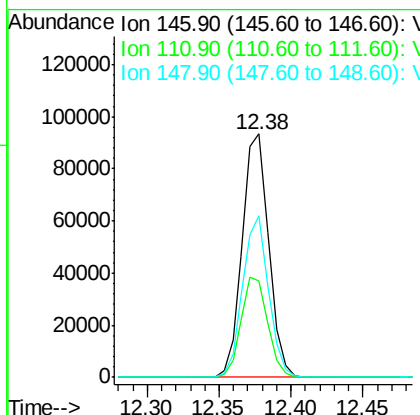
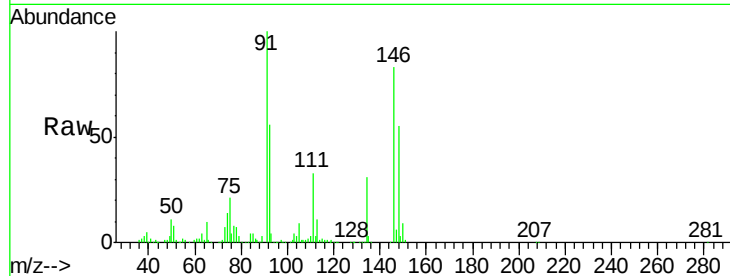
#91
 1,2-Dichlorobenzene
 Concen: 17.623 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119015		
111	41.3	20.8	62.2	
148	64.7	32.1	96.5	

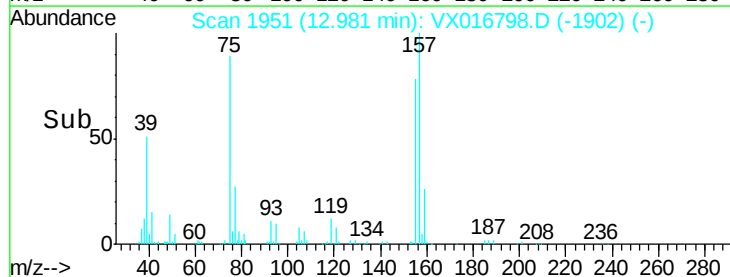
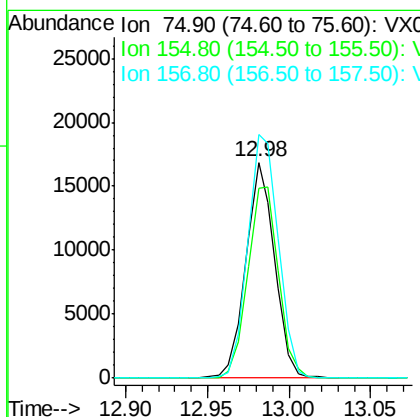
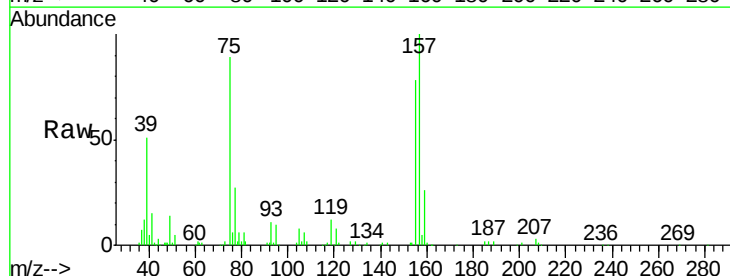
Manual Integrations
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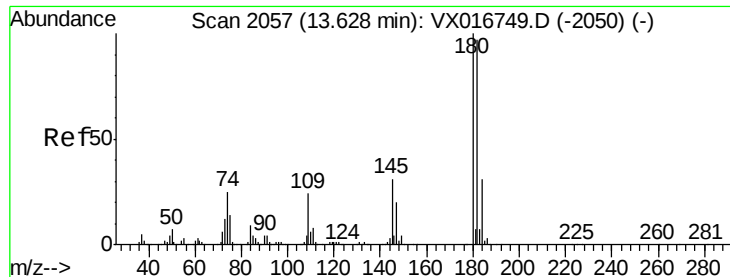
MMDadoda
 6/17/2020 9:35:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.870 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20797		
155	94.5	46.9	140.7	
157	119.8	59.6	178.7	





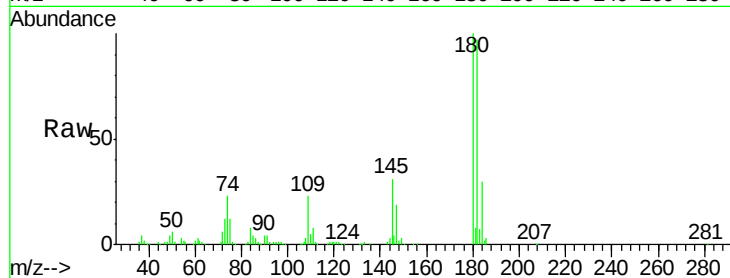
#93
 1,2,4-Trichlorobenzene
 Concen: 18.127 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

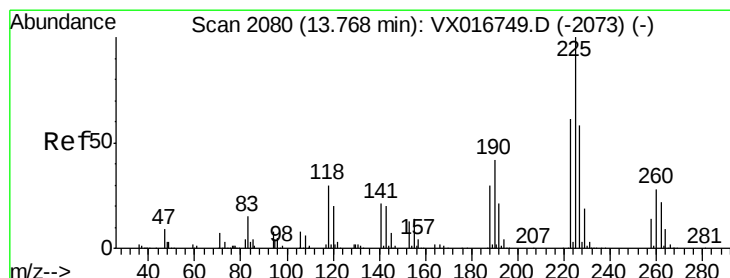
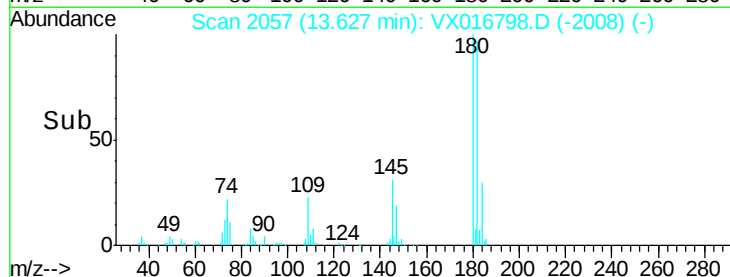
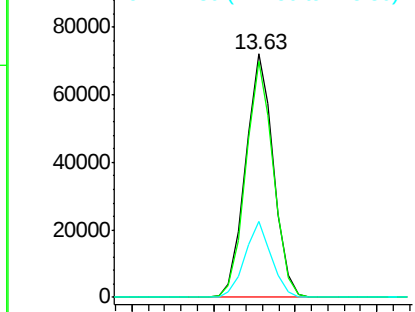
Tot Ion	Ratio	Resp	Lower	Upper
180	100	85730		
182	95.2	48.6	145.8	
145	29.8	15.4	46.4	

Manual Integrations
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 6/17/2020 9:35:06 AM

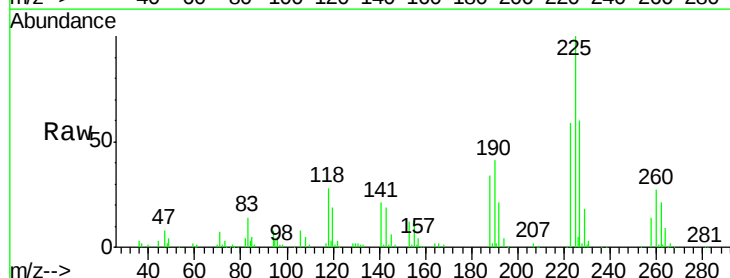


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

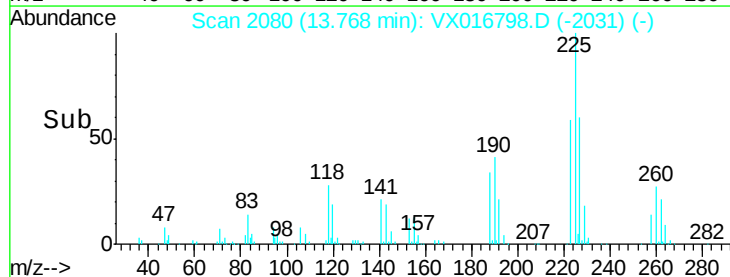
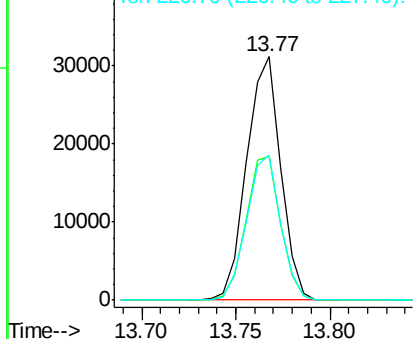


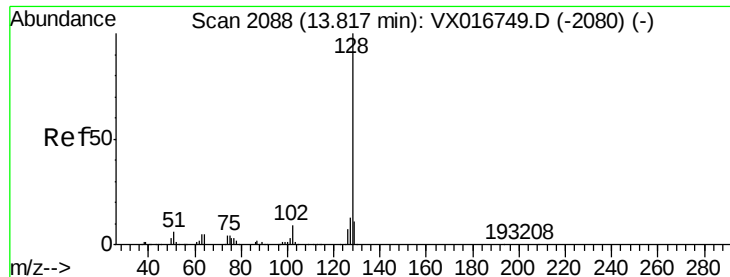
#94
 Hexachlorobutadiene
 Concen: 19.009 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016798.D
 Acq: 16 Jun 2020 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39023		
223	60.1	31.1	93.5	
227	59.4	30.9	92.7	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.688 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Instrument :

MSVOA_X

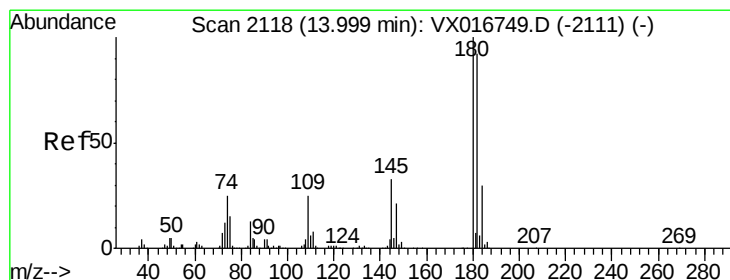
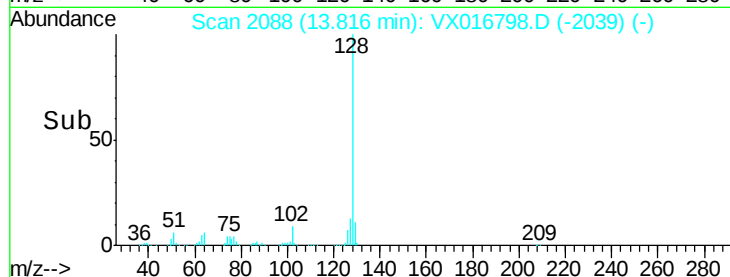
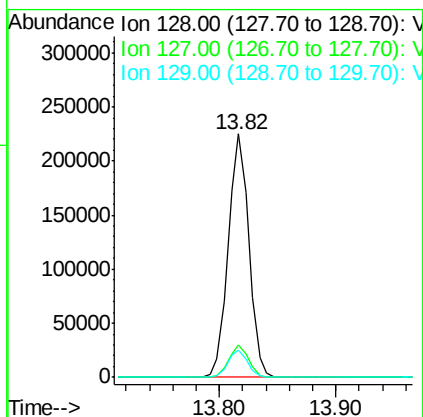
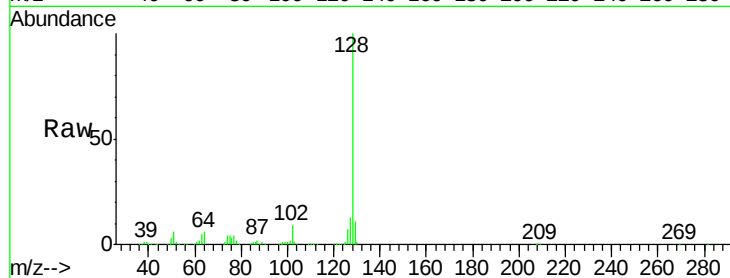
ClientSampleId :

VX0616WBS02

Tot Ion:	128	Resp:	276891
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 18.587 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016798.D

Acq: 16 Jun 2020 23:48

Tgt Ion:	180	Resp:	86521
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.1	141.4
145	32.0	15.9	47.7

