

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016755.D
 Acq On : 15 Jun 2020 15:47
 Operator : JC/SP
 Sample : VX0615WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:20 PM

Quant Time: Jun 16 03:35:55 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	5.62	168	255203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	376817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	139928	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.46	113	110781	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.70	98	433962	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.12	95	163323	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	53438	18.626	ug/l	99
3) Chloromethane	1.31	50	49667	17.828	ug/l	99
4) Vinyl Chloride	1.39	62	52977	17.822	ug/l	99
5) Bromomethane	1.63	94	37096	20.094	ug/l	94
6) Chloroethane	1.71	64	32749	17.885	ug/l	99
7) Trichlorofluoromethane	1.92	101	80073	18.703	ug/l	99
8) Diethyl Ether	2.17	74	29616	16.940	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43008	19.745	ug/l	96
10) Methyl Iodide	2.49	142	40097	14.728	ug/l	100
11) Tert butyl alcohol	3.00	59	62977	87.330	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43551	17.460	ug/l	95
13) Acrolein	2.27	56	28140	93.106	ug/l	96
14) Allyl chloride	2.70	41	67956	17.420	ug/l	99
15) Acrylonitrile	3.11	53	126042	86.135	ug/l	99
16) Acetone	2.42	43	108985	83.700	ug/l	98
17) Carbon Disulfide	2.55	76	120776	16.907	ug/l	99
18) Methyl Acetate	2.75	43	63753	18.343	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	151817	17.858	ug/l	98
20) Methylene Chloride	2.83	84	47843	17.058	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	46747	17.440	ug/l	96
22) Diisopropyl ether	3.82	45	130219	17.771	ug/l	95
23) Vinyl Acetate	3.78	43	552035	87.161	ug/l	100
24) 1,1-Dichloroethane	3.67	63	78694	17.170	ug/l	99
25) 2-Butanone	4.63	43	169847	86.551	ug/l	99
26) 2,2-Dichloropropane	4.55	77	73049	17.213	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52412	17.108	ug/l	98
28) Bromochloromethane	4.98	49	42765	21.874	ug/l	100
29) Tetrahydrofuran	5.09	42	109965	86.501	ug/l	99
30) Chloroform	5.18	83	83190	17.157	ug/l	99
31) Cyclohexane	5.54	56	67524	18.737	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	78433	17.827	ug/l	99
36) 1,1-Dichloropropene	5.77	75	62822	18.865	ug/l	99
37) Ethyl Acetate	4.79	43	64426	17.666	ug/l	99
38) Carbon Tetrachloride	5.75	117	70559	18.657	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0615WBSD01

Manual Integrations
 APPROVED

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 6/16/2020 3:23:20 PM

Quant Time: Jun 16 03:35:55 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)
39) Methylcyclohexane	7.44	83	69973	18.728	ug/l	95
40) Benzene	6.11	78	182476	17.998	ug/l	98
41) Methacrylonitrile	5.00	41	33906	17.437	ug/l	98
42) 1,2-Dichloroethane	6.16	62	67591	18.265	ug/l	99
43) Isopropyl Acetate	6.41	43	104302	18.249	ug/l	99
44) Trichloroethene	7.18	130	58677	18.710	ug/l	95
45) 1,2-Dichloropropane	7.49	63	46073	18.537	ug/l	99
46) Dibromomethane	7.63	93	32357	17.862	ug/l	98
47) Bromodichloromethane	7.87	83	68043	18.017	ug/l	96
48) Methyl methacrylate	7.74	41	48876	18.042	ug/l	100
49) 1,4-Dioxane	7.71	88	25272	376.977	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	325153	92.322	ug/l	99
52) Toluene	8.76	92	120083	18.234	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	76844	18.015	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	80482	18.089	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47894	18.083	ug/l	97
56) Ethyl methacrylate	9.16	69	72643	18.319	ug/l	99
57) 1,3-Dichloropropane	9.35	76	81742	18.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	189230	97.053	ug/l	100
59) 2-Hexanone	9.47	43	248457	91.384	ug/l	100
60) Dibromochloromethane	9.56	129	56734	18.125	ug/l	99
61) 1,2-Dibromoethane	9.65	107	52246	18.101	ug/l	95
64) Tetrachloroethene	9.32	164	63930	18.703	ug/l	98
65) Chlorobenzene	10.12	112	129812	17.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51818	17.984	ug/l	97
67) Ethyl Benzene	10.23	91	222803	18.247	ug/l	97
68) m/p-Xylenes	10.34	106	173295	37.432	ug/l	100
69) o-Xylene	10.68	106	81334	18.236	ug/l	99
70) Styrene	10.70	104	142104	18.431	ug/l	99
71) Bromoform	10.84	173	44094	17.936	ug/l	97
73) Isopropylbenzene	11.00	105	222505	18.838	ug/l	100
74) N-amyl acetate	10.88	43	84120	18.324	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	59934	17.249	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	69688m	18.409	ug/l	
77) Bromobenzene	11.24	156	57978	17.384	ug/l	96
78) n-propylbenzene	11.34	91	242522	18.907	ug/l	100
79) 2-Chlorotoluene	11.40	91	149882	18.478	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	191606	19.351	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	25929	17.243	ug/l	99
82) 4-Chlorotoluene	11.49	91	177594	18.705	ug/l	99
83) tert-Butylbenzene	11.76	119	172359	19.024	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	191376	19.106	ug/l	99
85) sec-Butylbenzene	11.93	105	204112	19.260	ug/l	99
86) p-Isopropyltoluene	12.05	119	196609	19.335	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	105721	18.751	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	106557	18.224	ug/l	98
89) n-Butylbenzene	12.37	91	162436	19.351	ug/l	99
90) Hexachloroethane	12.58	117	34601	18.453	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	100690	17.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16543	17.026	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

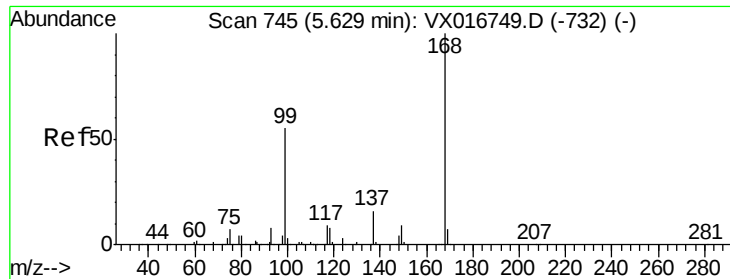
Manual Integrations
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6/16/2020 3:23:20 PM

Quant Time: Jun 16 03:35:55 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)
93) 1,2,4-Trichlorobenzene	13.63	180	73859	18.705	ug/l	97
94) Hexachlorobutadiene	13.76	225	34486	20.097	ug/l	97
95) Naphthalene	13.82	128	223982	18.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	70943	18.254	ug/l	97

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



#1

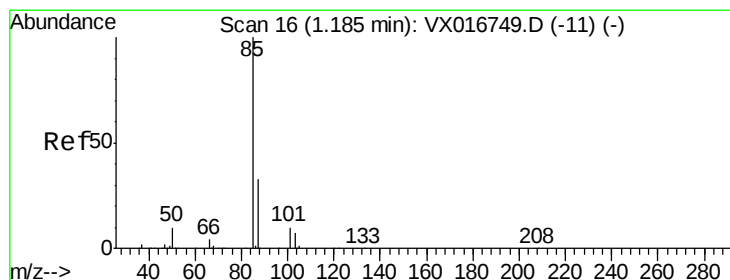
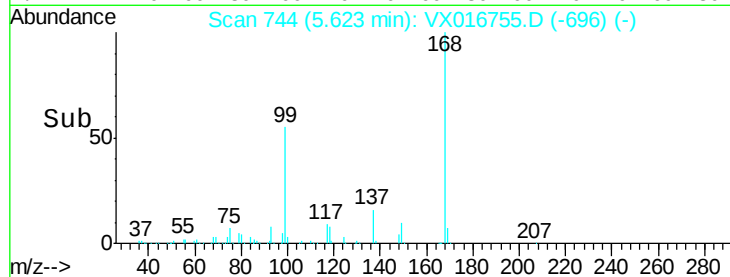
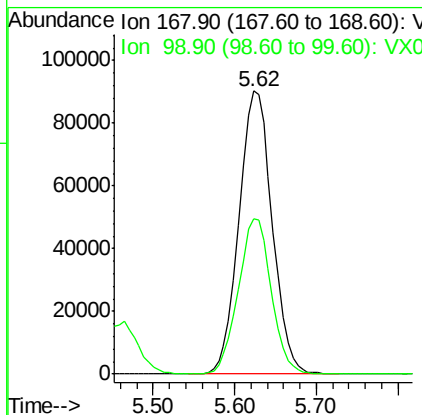
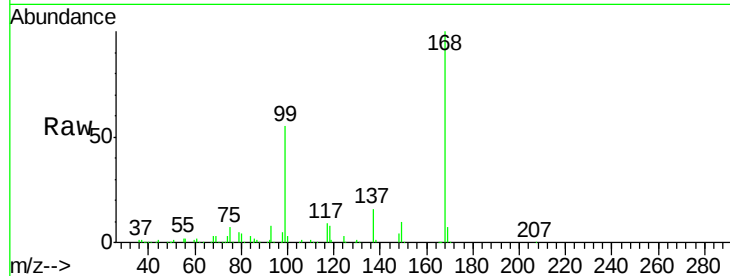
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	255203		
99	54.6	43.8	65.6	

Manual Integrations
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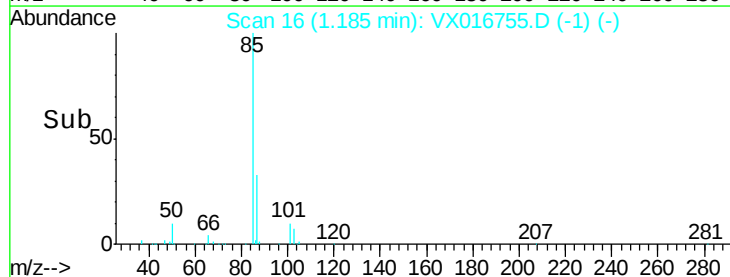
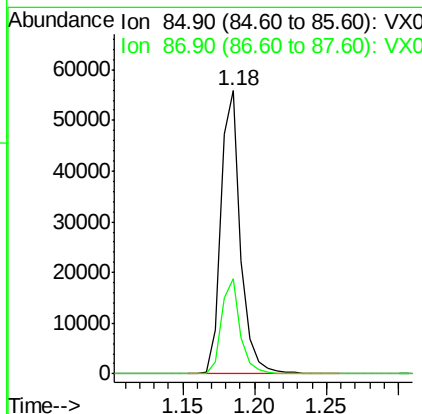
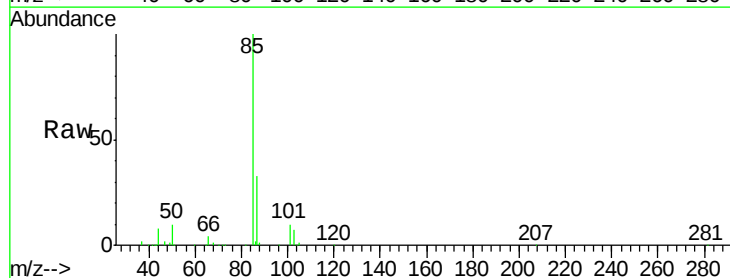
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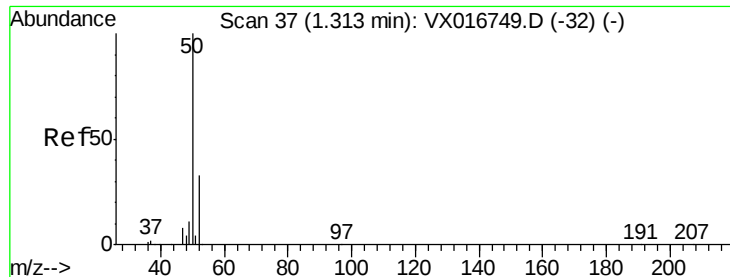


#2

Dichlorodifluoromethane
 Concen: 18.626 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	53438		
87	33.5	16.4	49.2	





#3

Chloromethane

Concen: 17.828 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 50 Resp: 49667

Ion Ratio Lower Upper

50 100

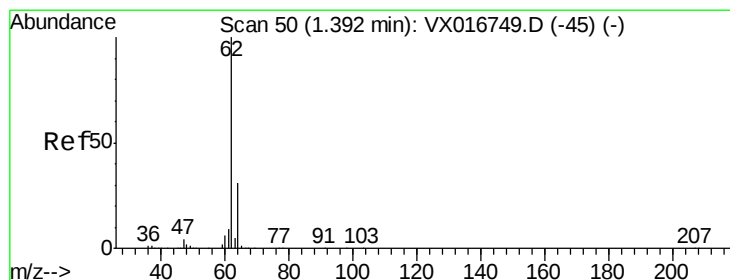
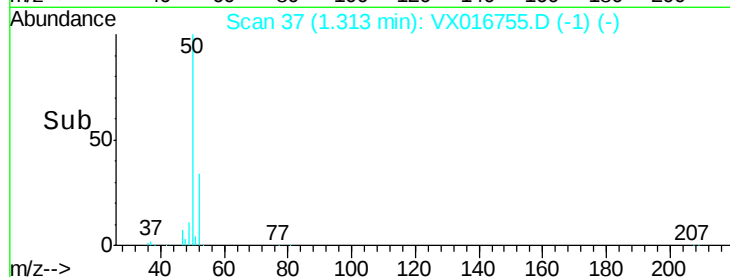
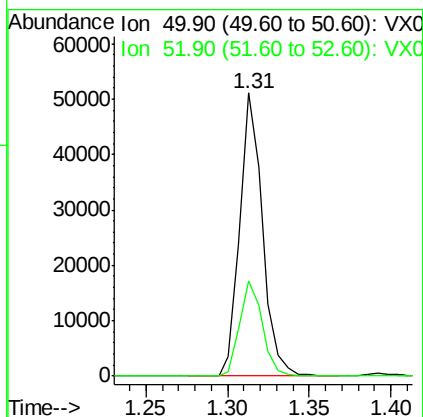
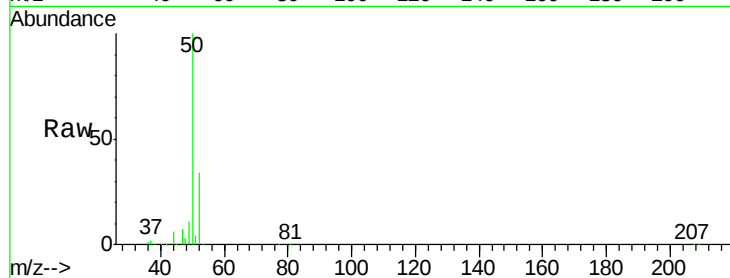
52 33.5 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.822 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016755.D

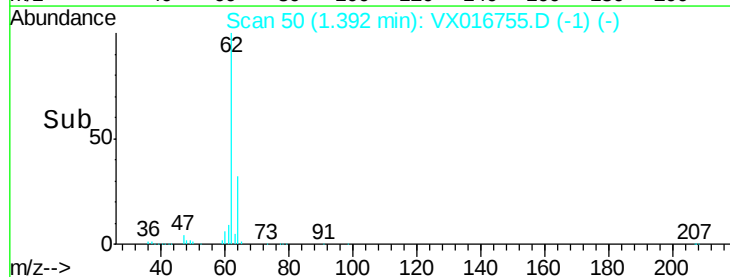
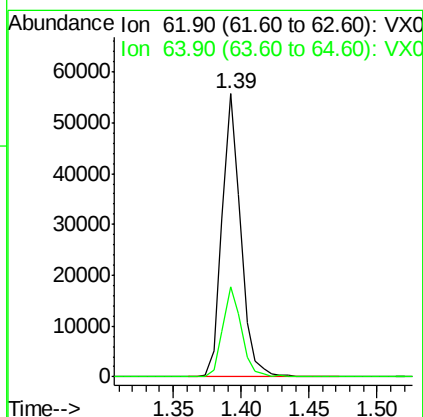
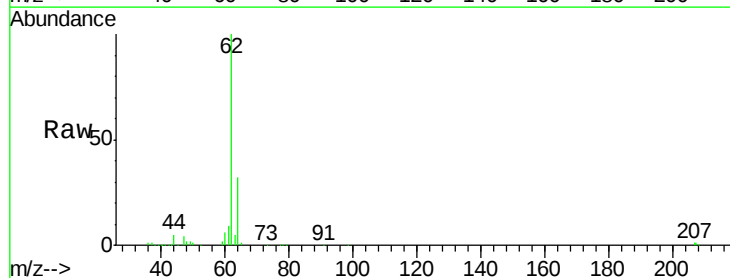
Acq: 15 Jun 2020 15:47

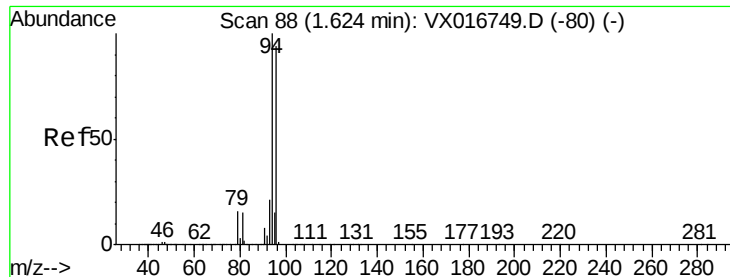
Tgt Ion: 62 Resp: 52977

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 20.094 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 94 Resp: 37096

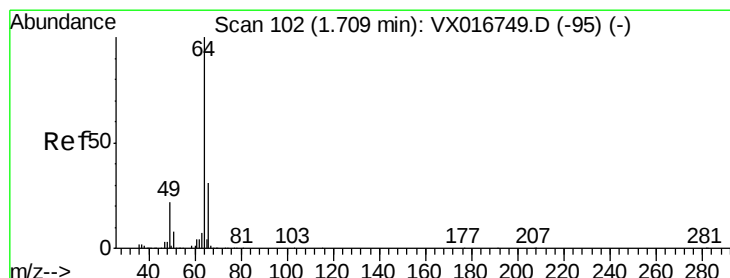
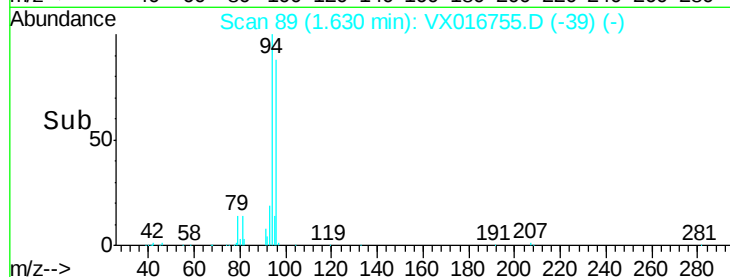
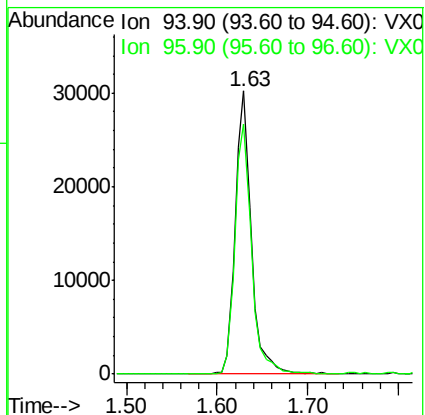
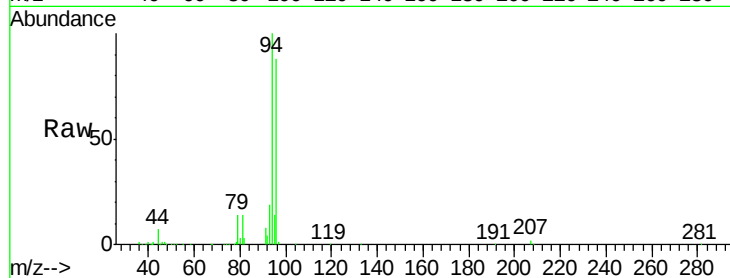
Ion Ratio Lower Upper

94 100

96 88.0 75.4 113.0

Manual Integrations
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#6

Chloroethane

Concen: 17.885 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016755.D

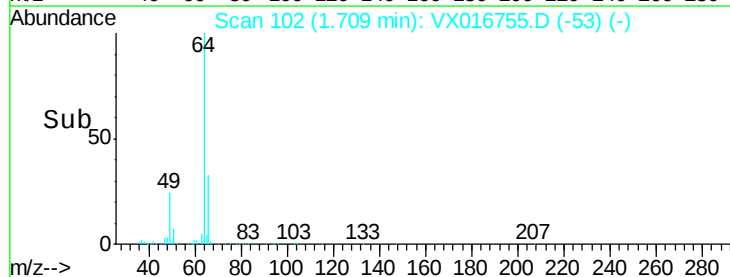
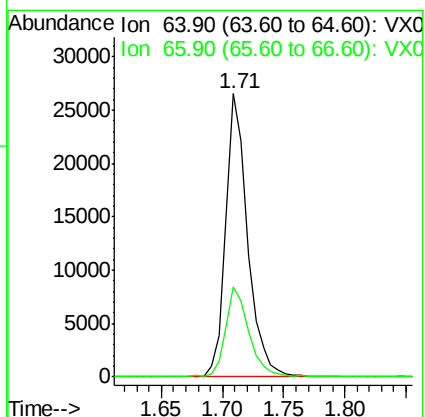
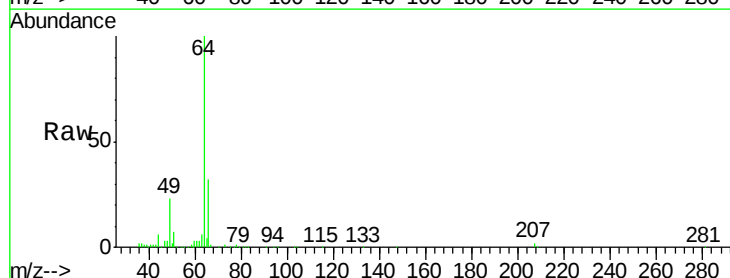
Acq: 15 Jun 2020 15:47

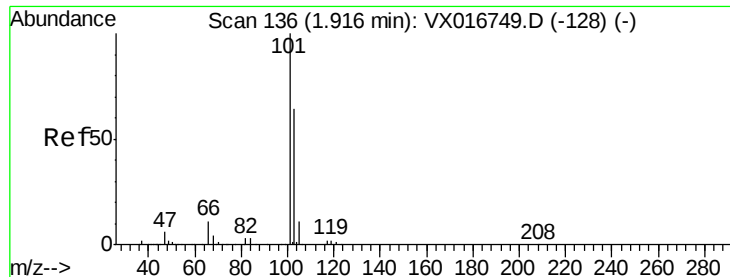
Tgt Ion: 64 Resp: 32749

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.6





#7

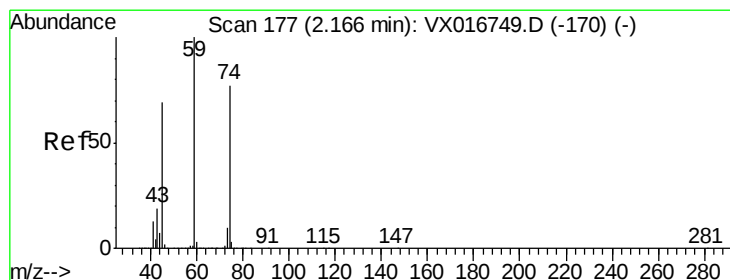
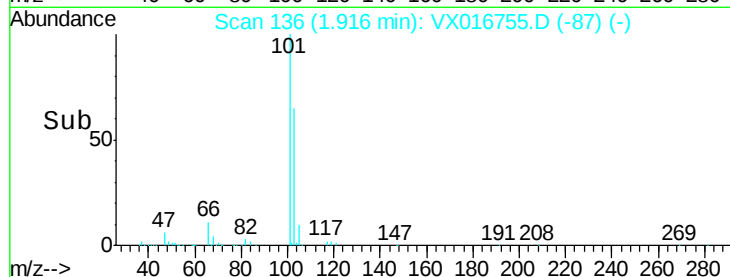
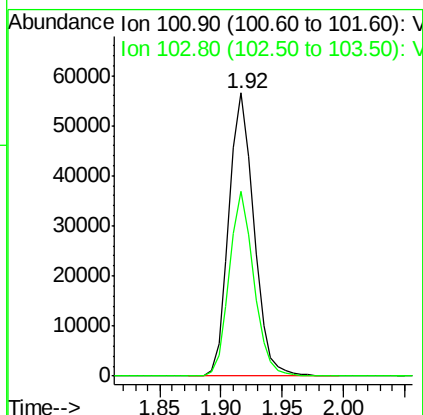
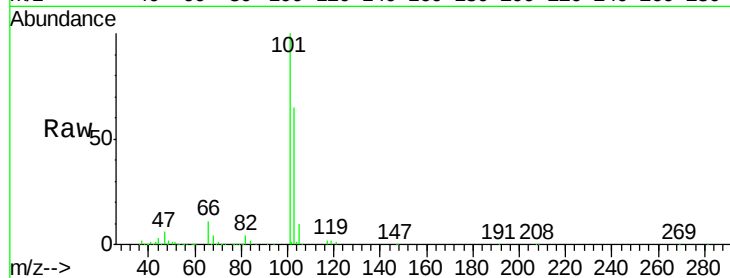
Trichlorofluoromethane
Concen: 18.703 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.3	76.9

Manual Integrations
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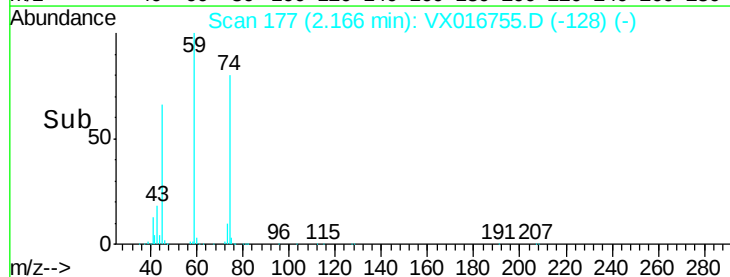
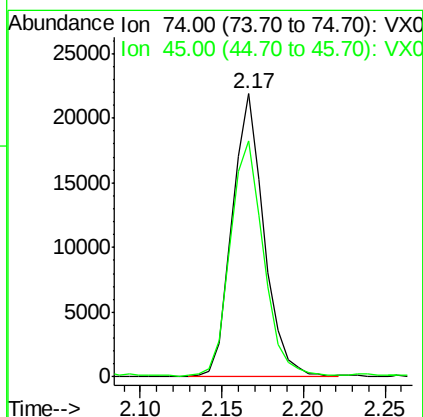
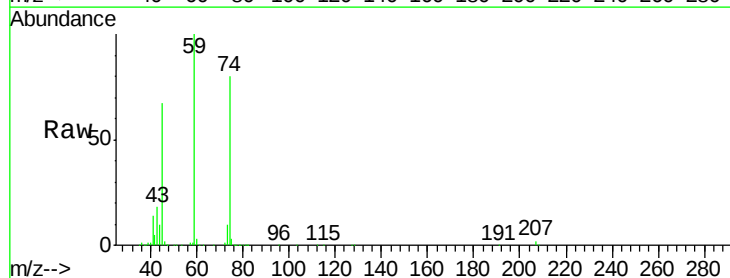
MMDadoda
6/16/2020 3:23:20 PM

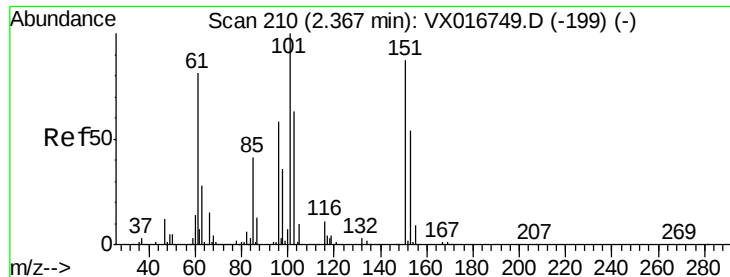


#8

Diethyl Ether
Concen: 16.940 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.9	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.745 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

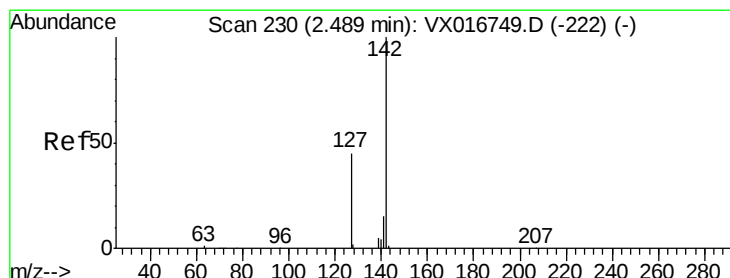
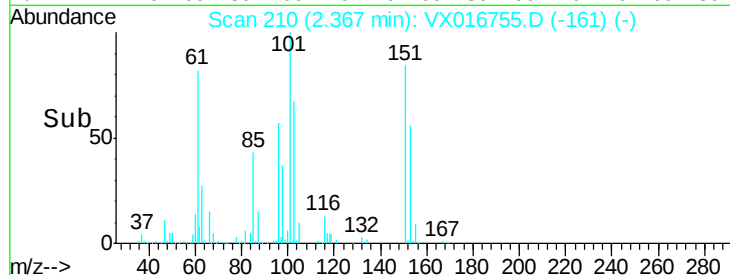
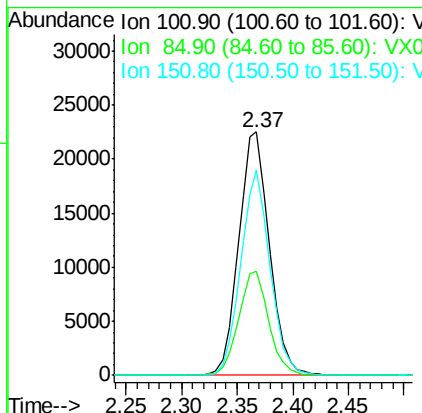
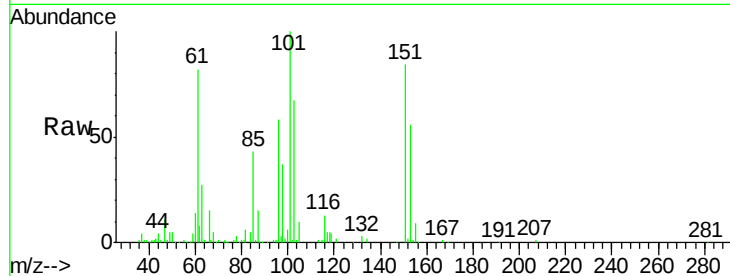
ClientSampleId :

VX0615WBSD01

Tot Ion:	101	Resp:	43008
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.0	51.0
151	80.4	68.7	103.1

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#10

Methyl Iodide

Concen: 14.728 ug/l

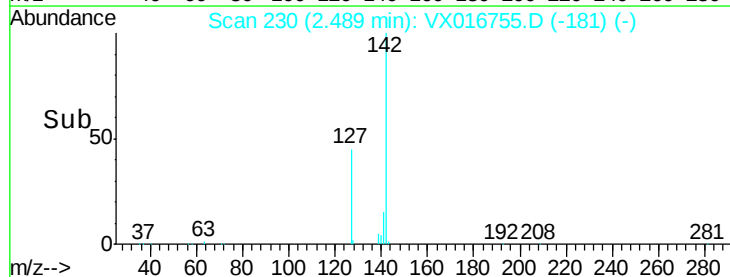
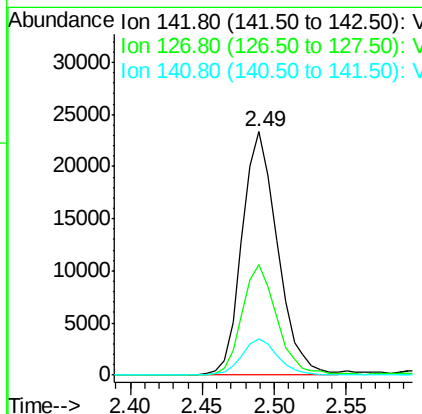
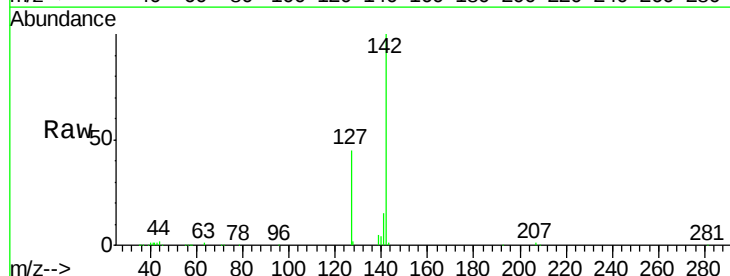
RT: 2.49 min Scan# 230

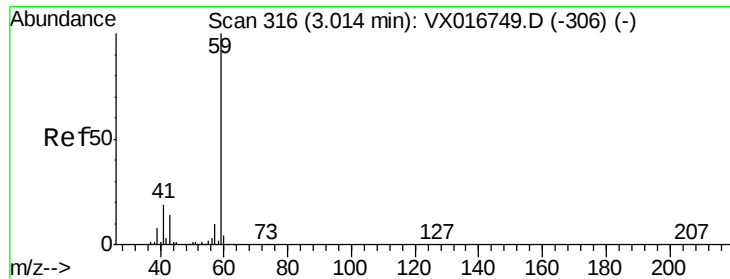
Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Tgt Ion:	142	Resp:	40097
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.4	53.2
141	14.8	11.7	17.5





#11

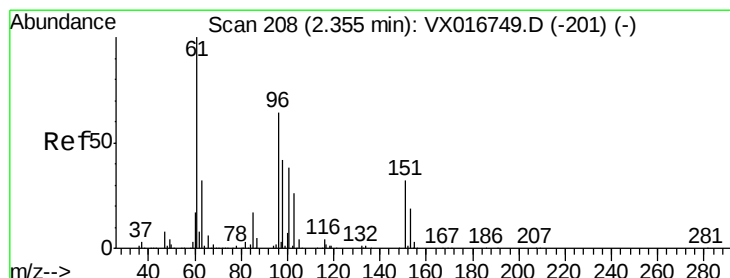
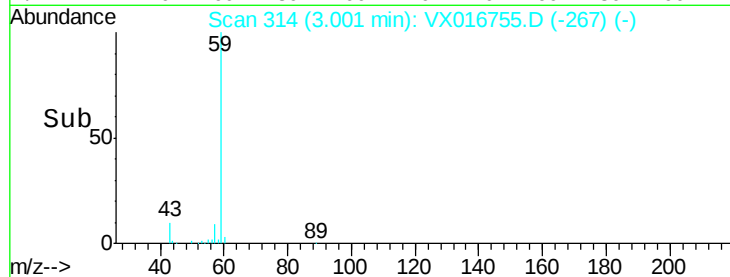
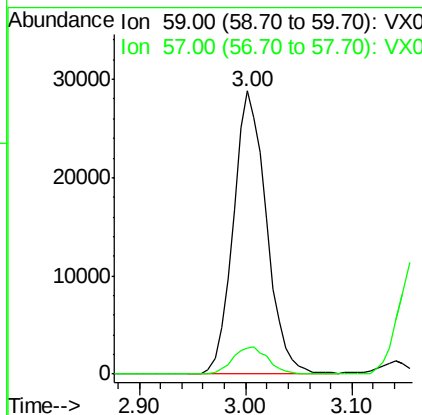
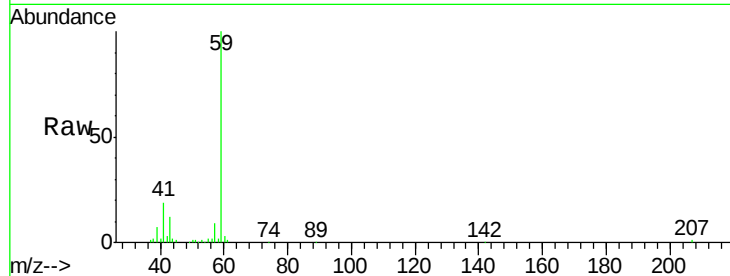
Tert butyl alcohol
Concen: 87.330 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.2	12.2

Manual Integrations
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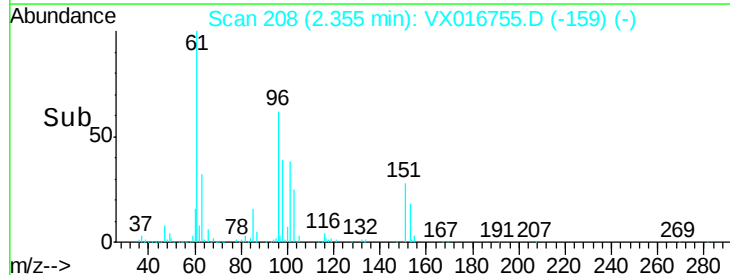
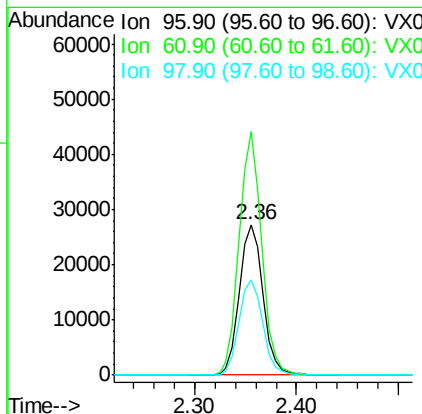
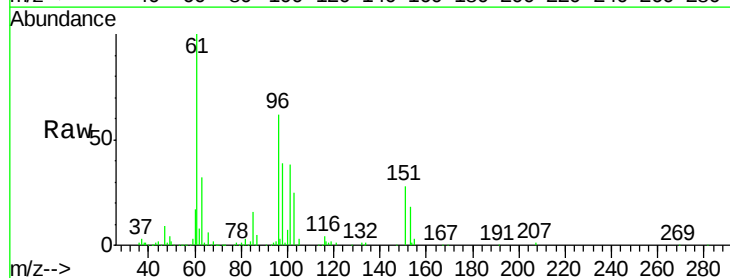
MMDadoda
6/16/2020 3:23:20 PM

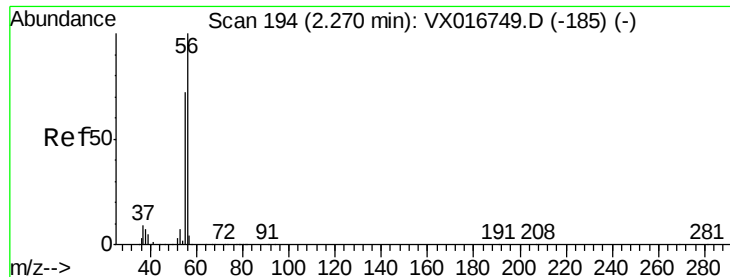


#12

1,1-Dichloroethene
Concen: 17.460 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	162.0	124.1	186.1
98	98	63.2	52.7	79.1





#13

Acrolein

Concen: 93.106 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 56 Resp: 28140

Ion Ratio Lower Upper

56 100

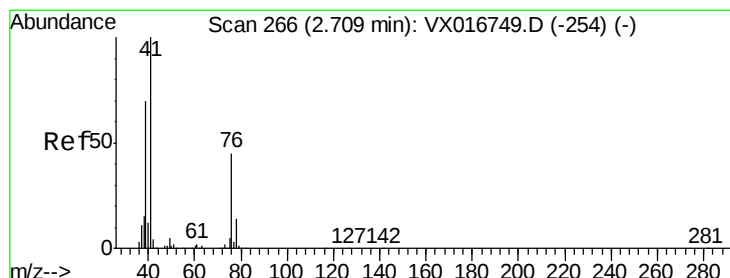
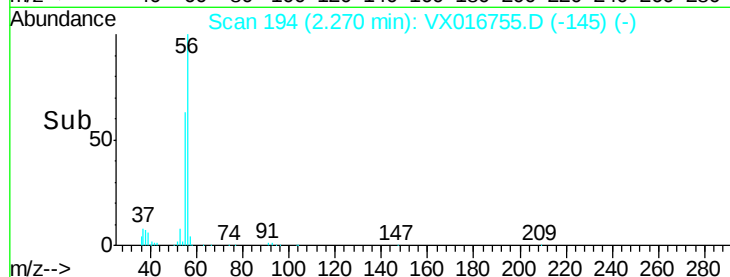
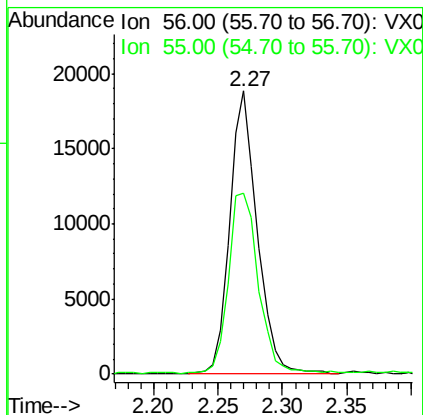
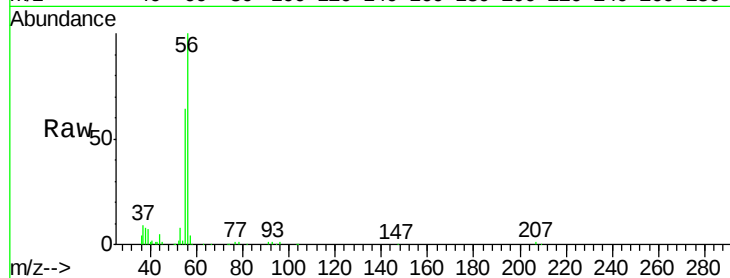
55 69.7 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.420 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

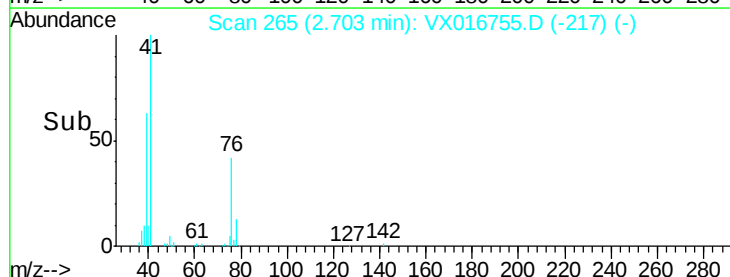
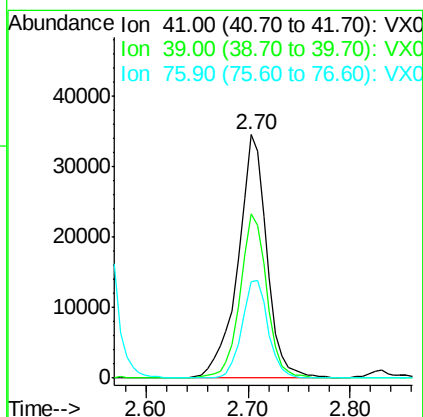
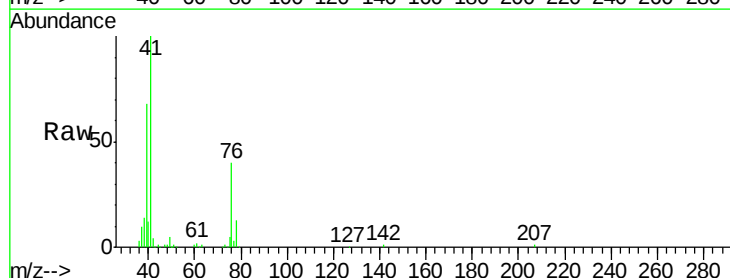
Tgt Ion: 41 Resp: 67956

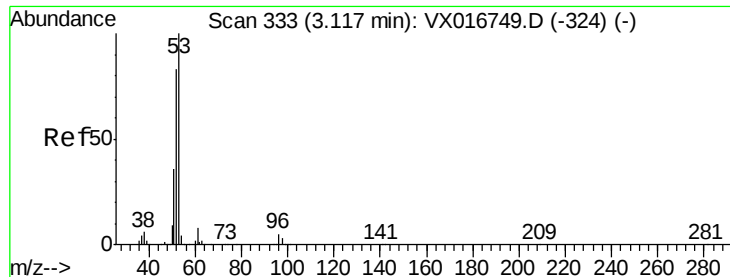
Ion Ratio Lower Upper

41 100

39 62.6 50.2 75.4

76 36.5 30.4 45.6





#15

Acrylonitrile

Concen: 86.135 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

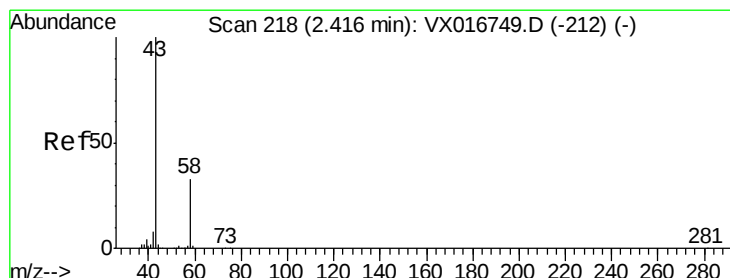
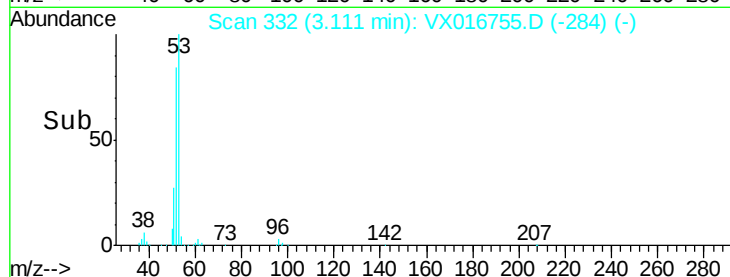
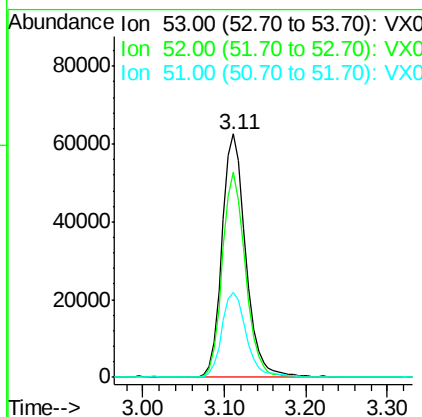
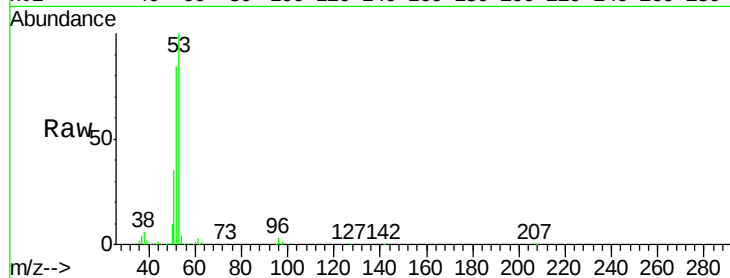
ClientSampleId :

VX0615WBSD01

Tot Ion:	53	Resp:	126042
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.5	98.3
51	36.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 83.700 ug/l

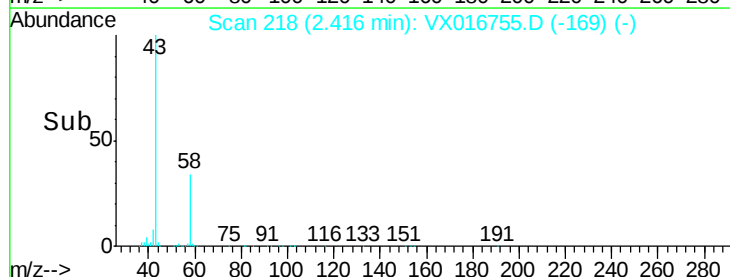
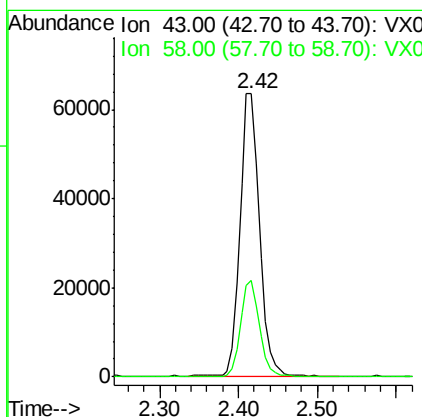
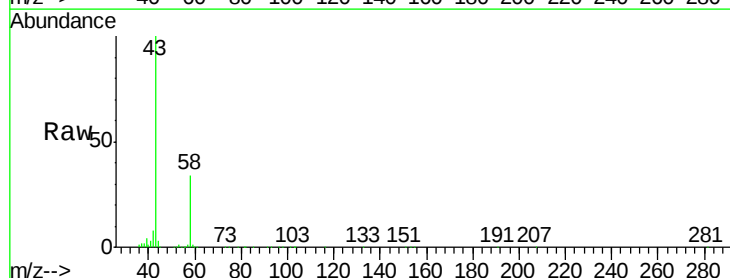
RT: 2.42 min Scan# 218

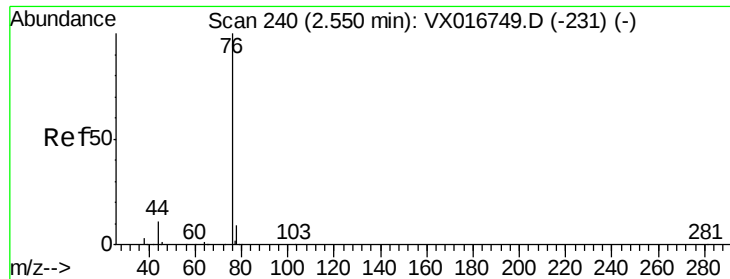
Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Tgt Ion:	43	Resp:	108985
Ion Ratio	Lower	Upper	
43	100		
58	33.9	26.3	39.5





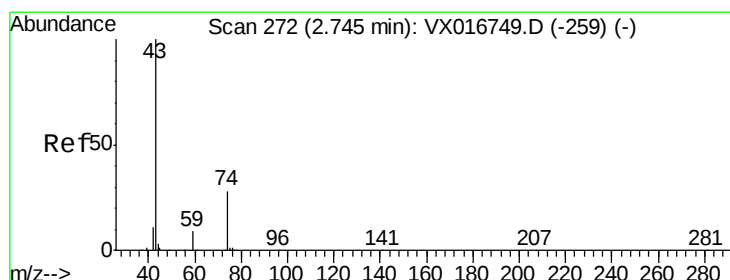
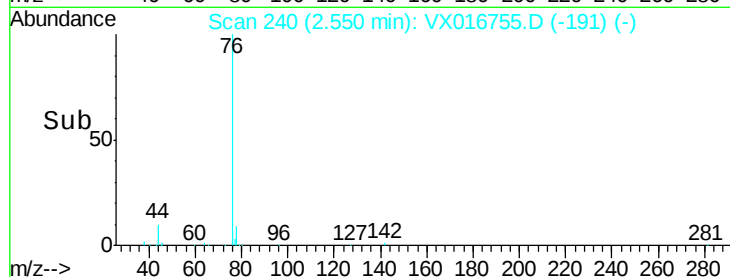
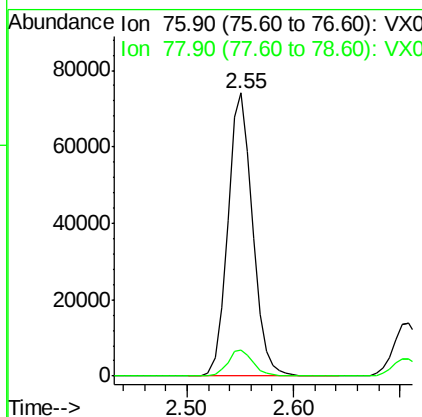
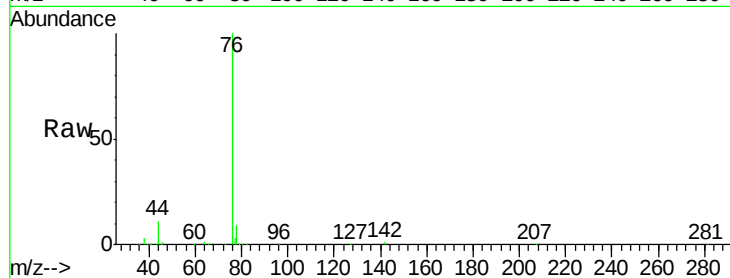
#17
Carbon Disulfide
Concen: 16.907 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

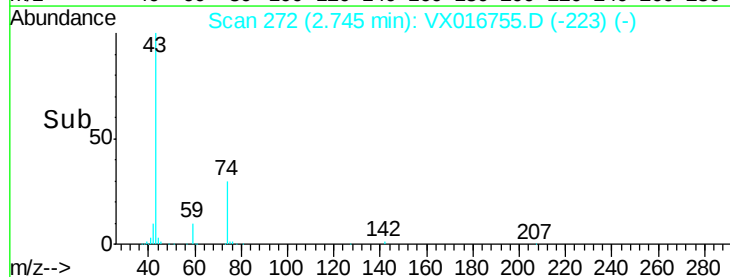
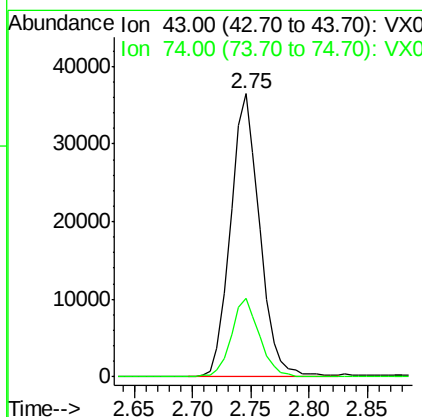
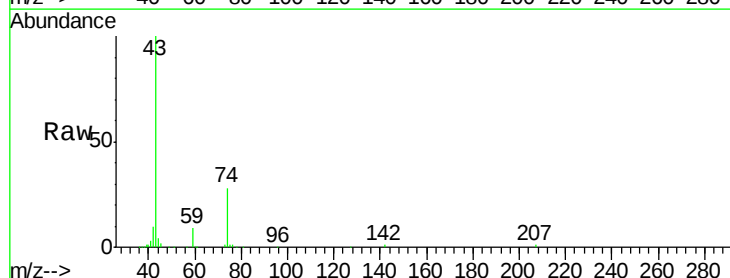
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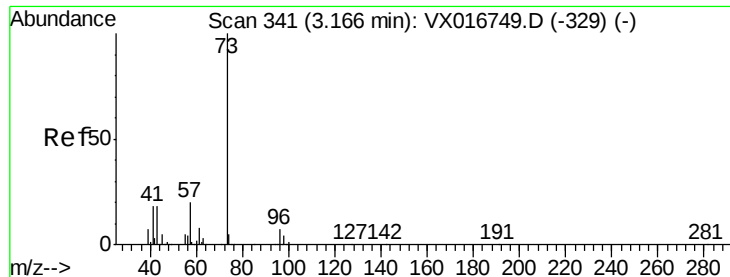
MMDadoda
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#18
Methyl Acetate
Concen: 18.343 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	22.4	33.6





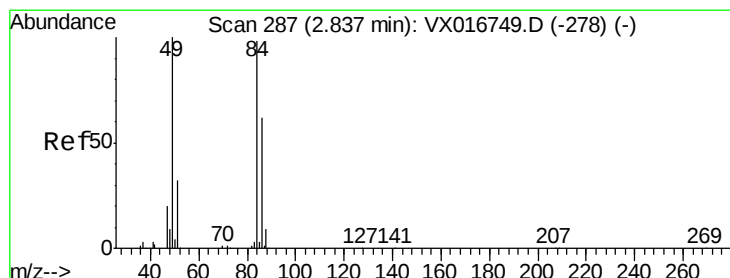
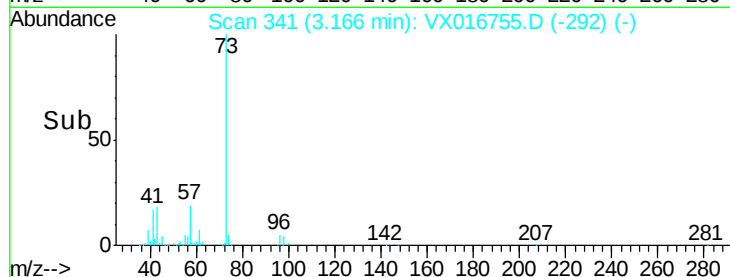
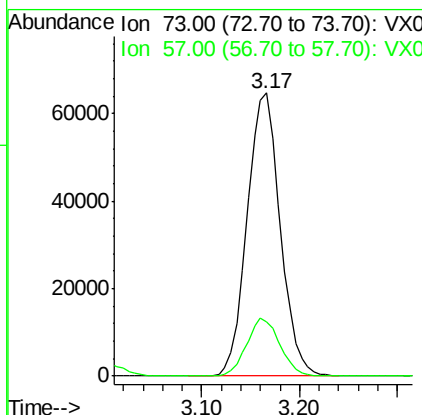
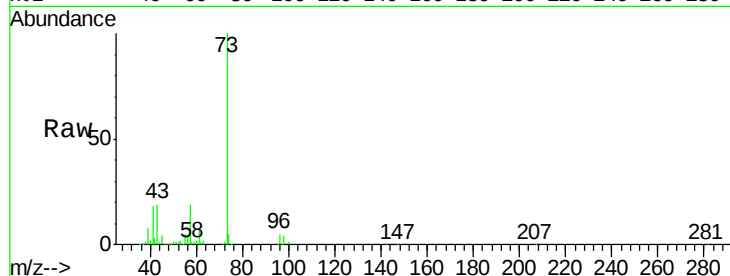
#19
Methvl tert-butvl Ether
Concen: 17.858 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.3	16.2	24.4

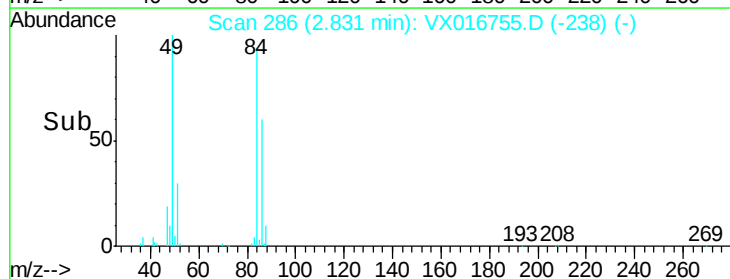
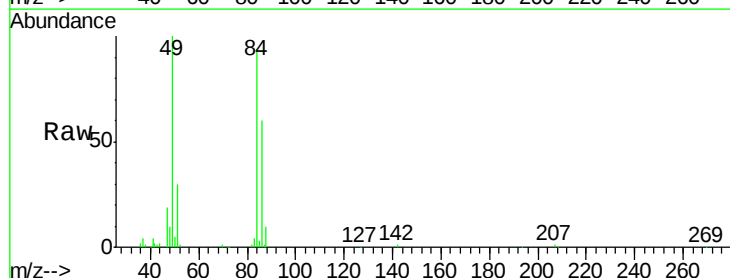
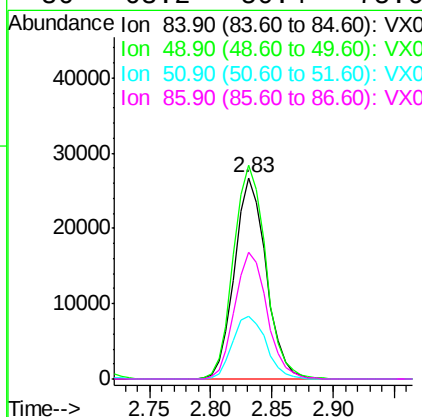
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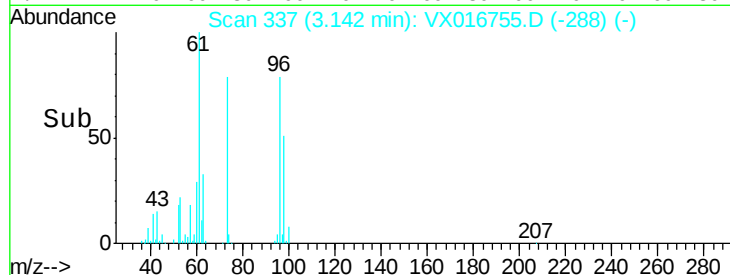
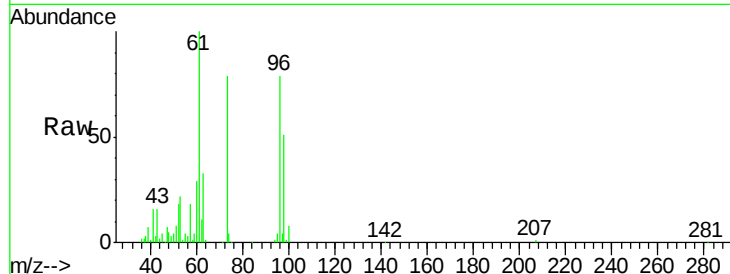
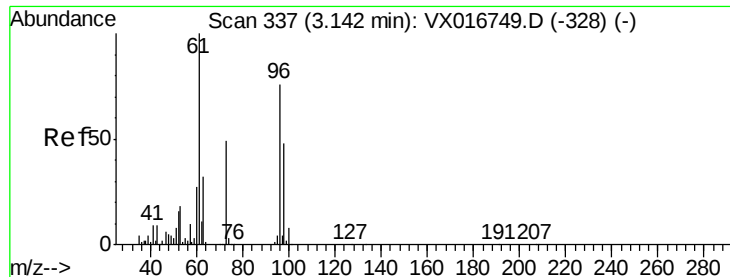
MMDadoda
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#20
Methylene Chloride
Concen: 17.058 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.2	81.8	122.8
51	31.5	25.8	38.8
86	63.2	50.4	75.6





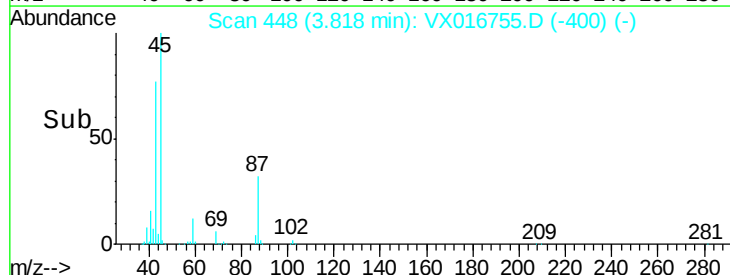
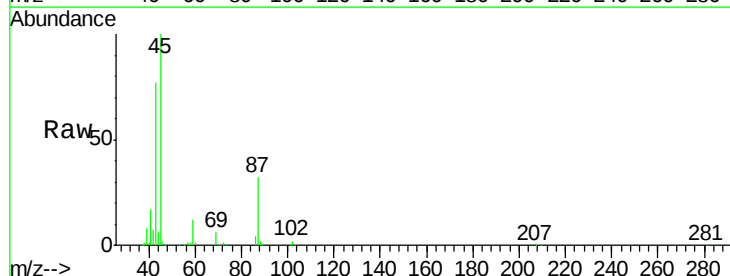
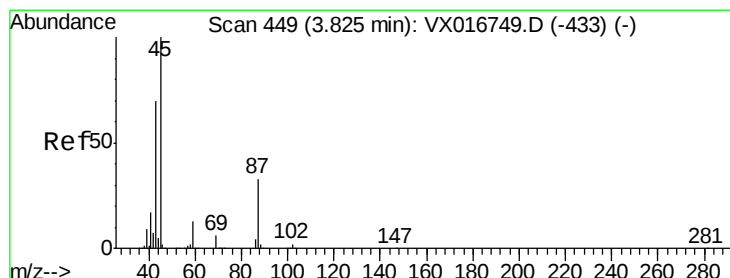
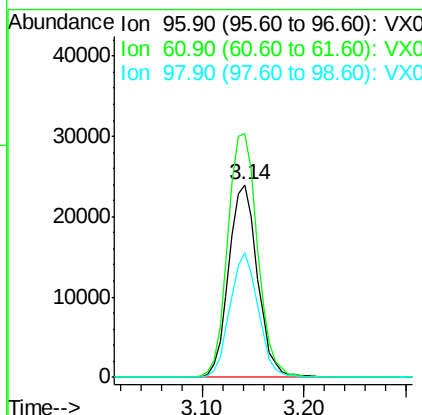
#21
trans-1,2-Dichloroethene
Concen: 17.440 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	126.5	105.4	158.2	
98	64.8	50.8	76.2	

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

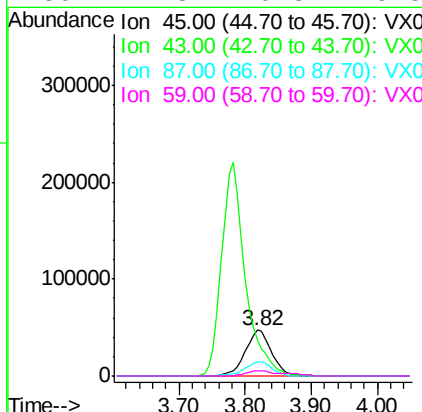
Manual Integrations
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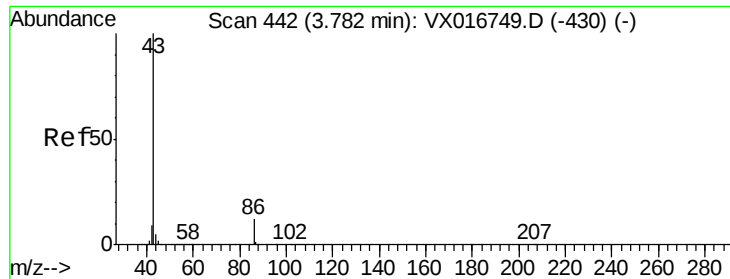
MMDadoda
6/16/2020 3:23:20 PM



#22
Diisopropyl ether
Concen: 17.771 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	76.8	56.2	84.4	
87	31.9	26.2	39.4	
59	12.3	10.3	15.5	





#23

Vinyl Acetate

Concen: 87.161 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 43 Resp: 552035

Ion Ratio Lower Upper

43 100

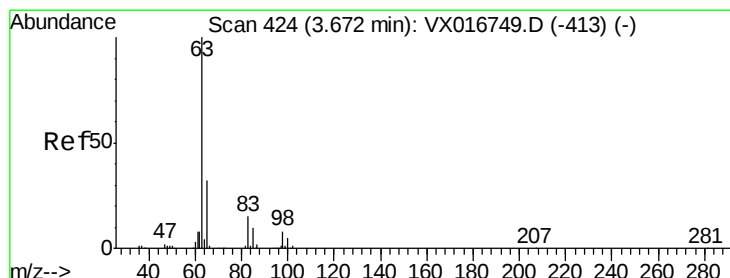
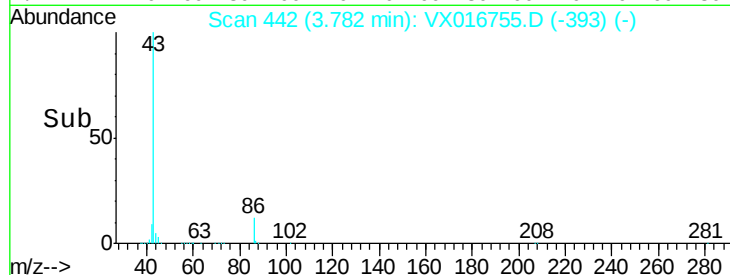
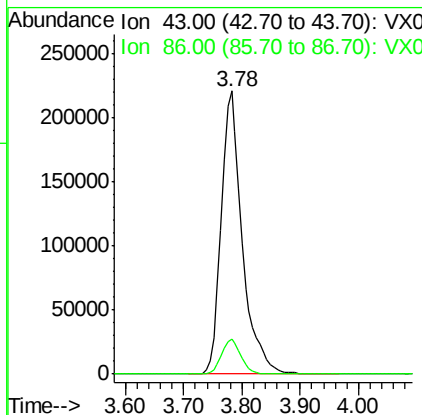
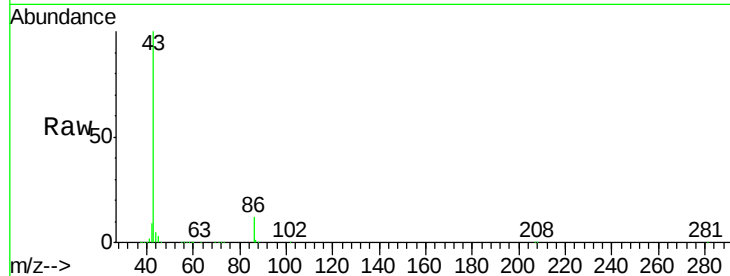
86 12.3 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.170 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

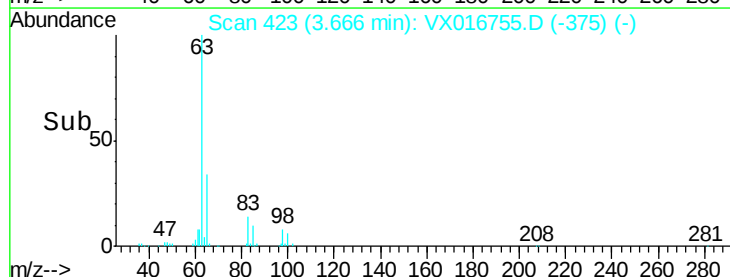
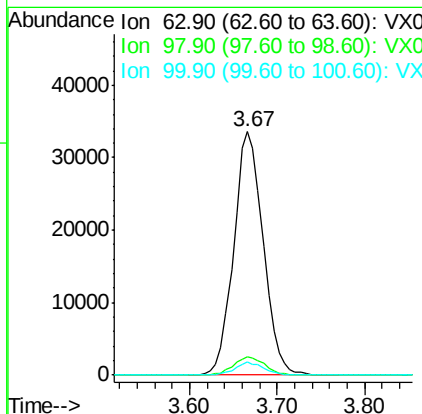
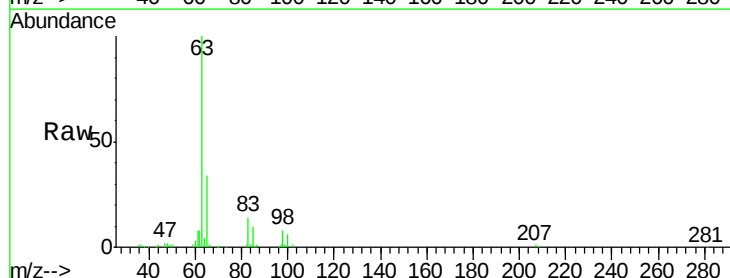
Tgt Ion: 63 Resp: 78694

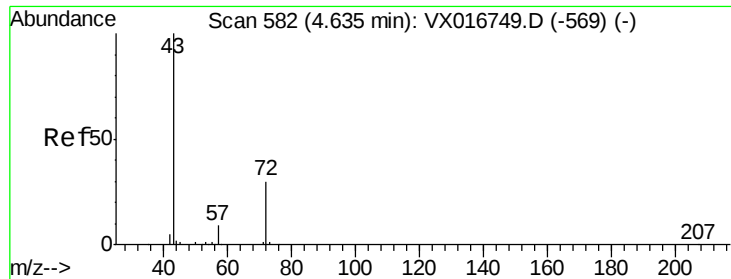
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.6 2.3 6.9





#25

2-Butanone

Concen: 86.551 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 43 Resp: 169847

Ion Ratio Lower Upper

43 100

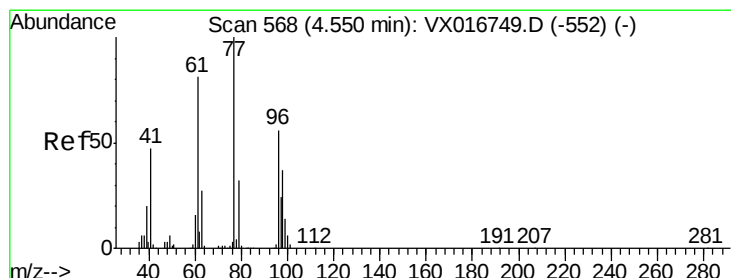
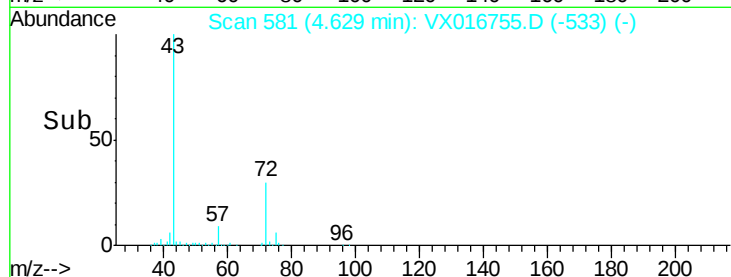
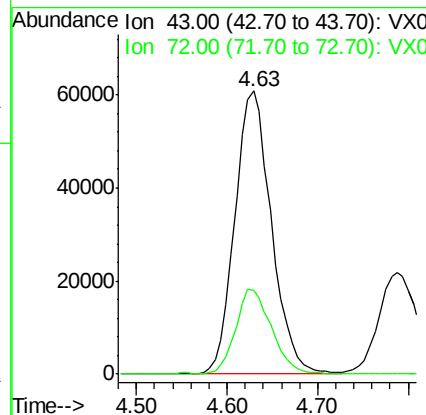
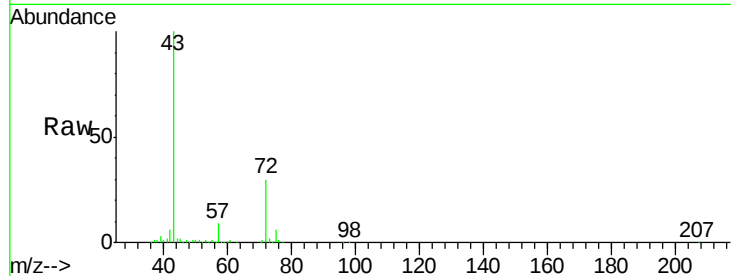
72 29.7 24.2 36.4

Manual Integrations

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MMDadoda

6/16/2020 3:23:20 PM



#26

2,2-Dichloropropane

Concen: 17.213 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016755.D

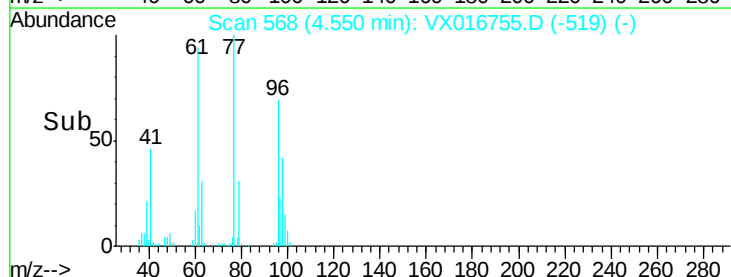
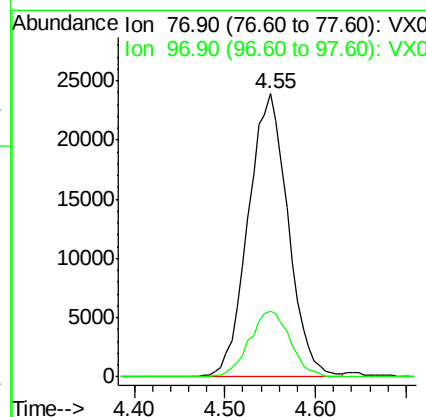
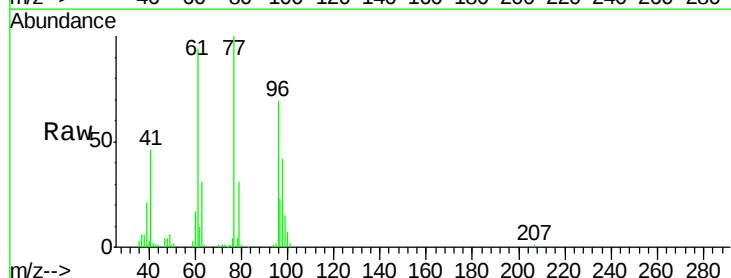
Acq: 15 Jun 2020 15:47

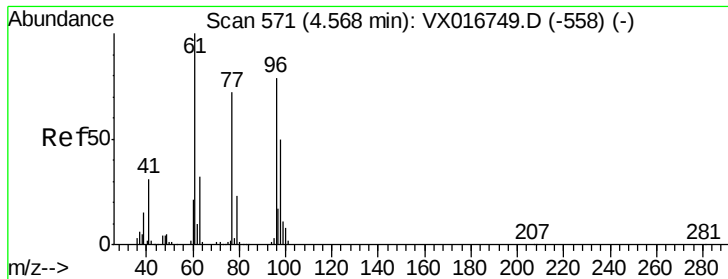
Tgt Ion: 77 Resp: 73049

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4





#27

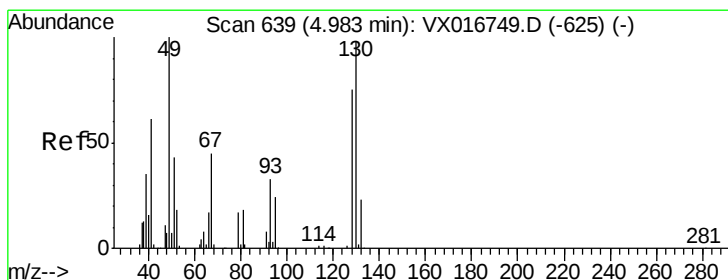
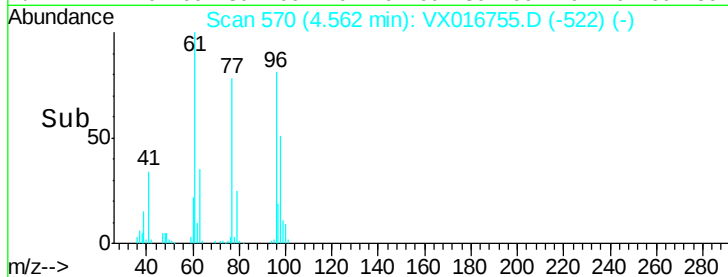
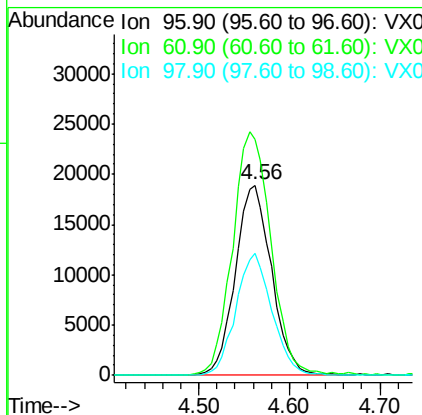
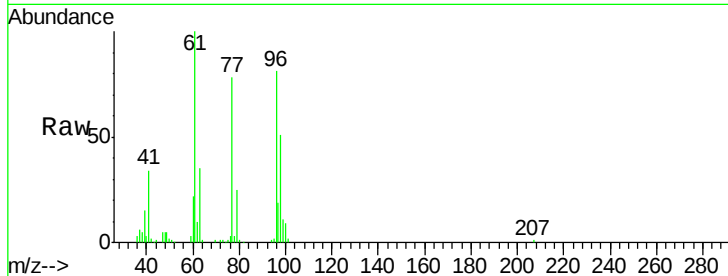
cis-1,2-Dichloroethene
Concen: 17.108 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	276.2
98	63.6	0.0	130.0

Manual Integrations
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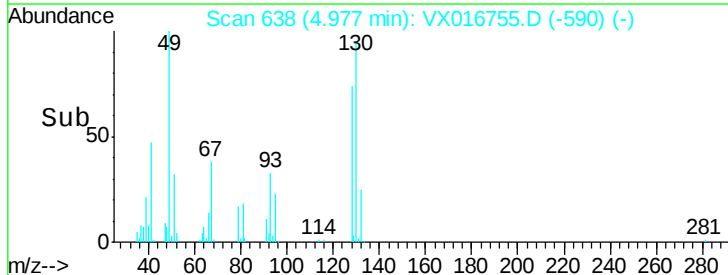
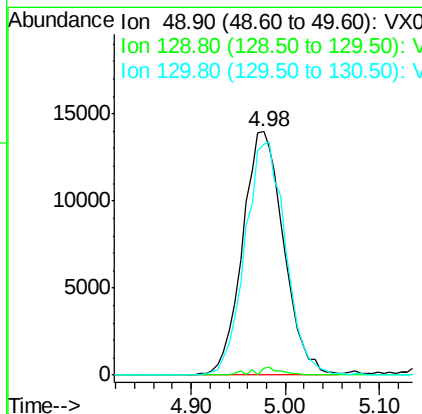
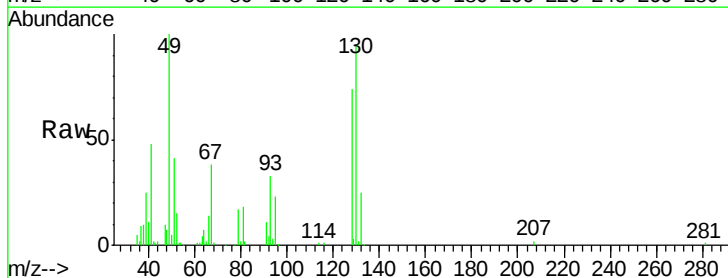
MMDadoda
6/16/2020 3:23:20 PM

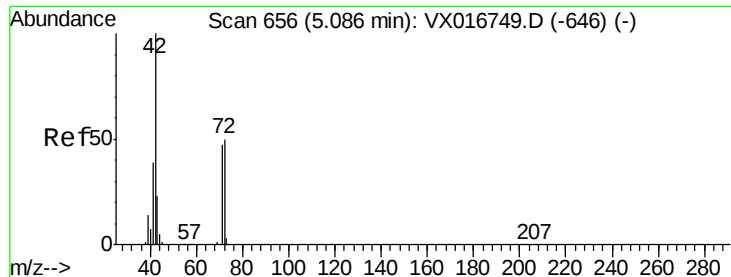


#28

Bromochloromethane
Concen: 21.874 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.8
130	94.7	76.0	114.0





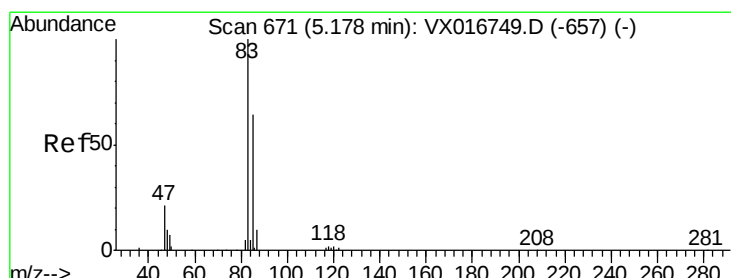
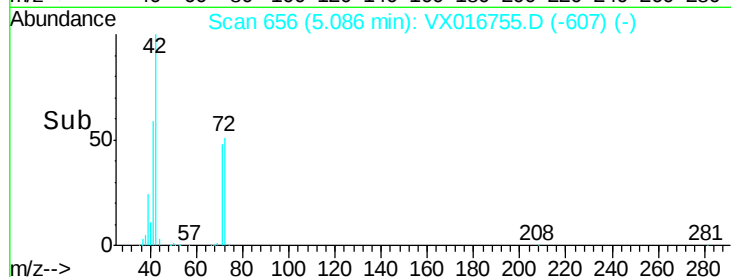
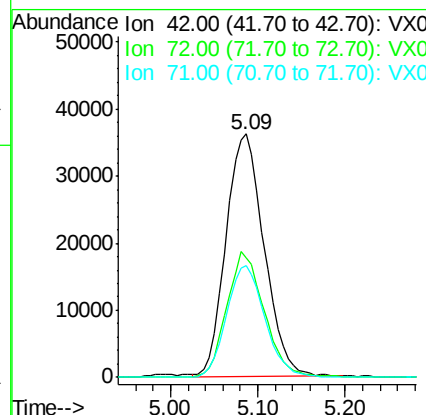
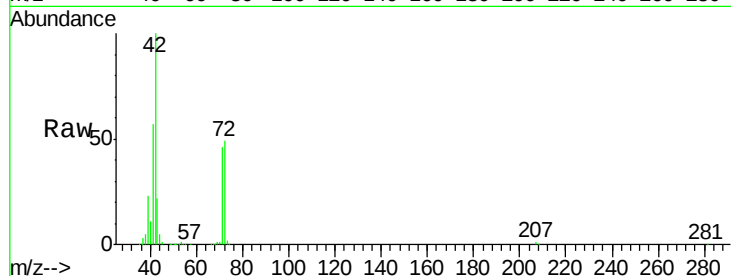
#29
Tetrahydrofuran
Concen: 86.501 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	41.0	61.6
71	46.3	38.2	57.4

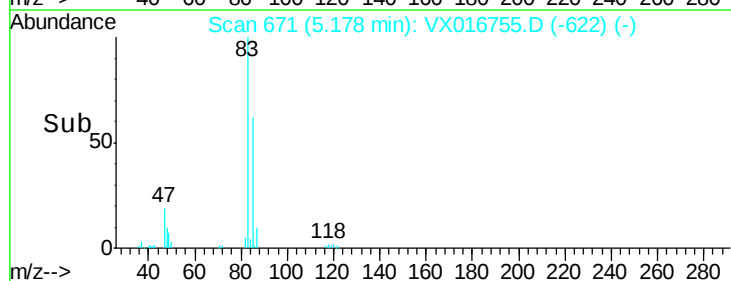
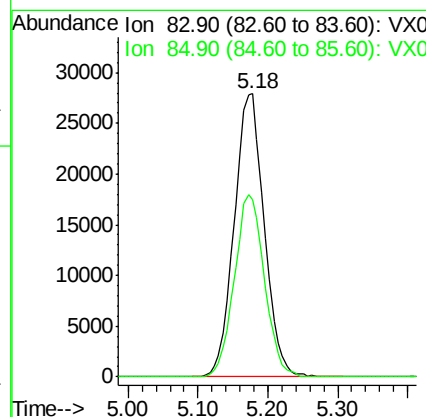
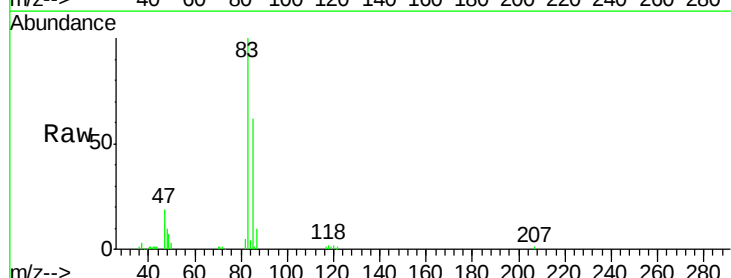
Manual Integrations
APPROVED

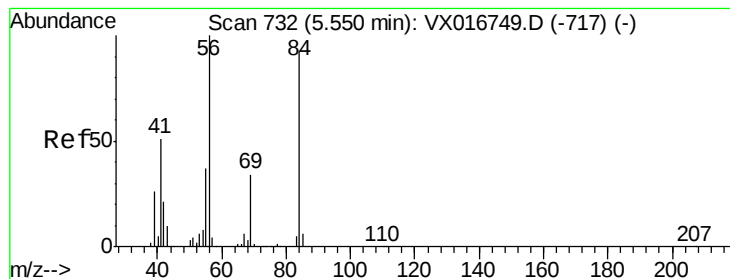
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#30
Chloroform
Concen: 17.157 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.8	76.2





#31

Cvclohexane

Concen: 18.737 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

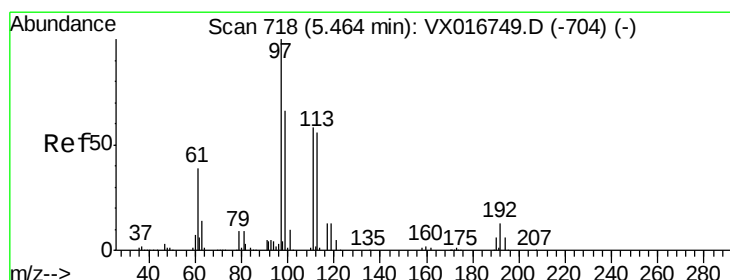
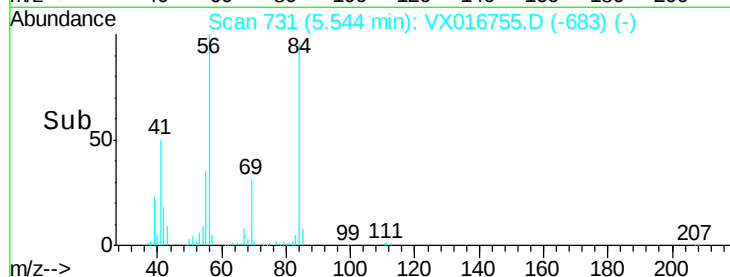
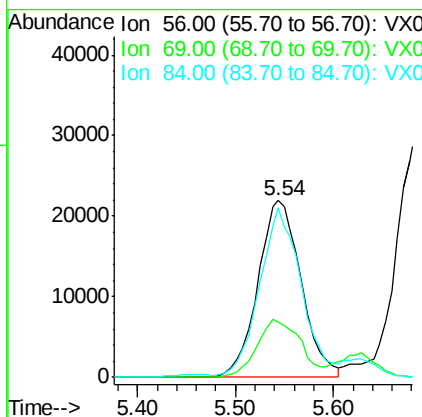
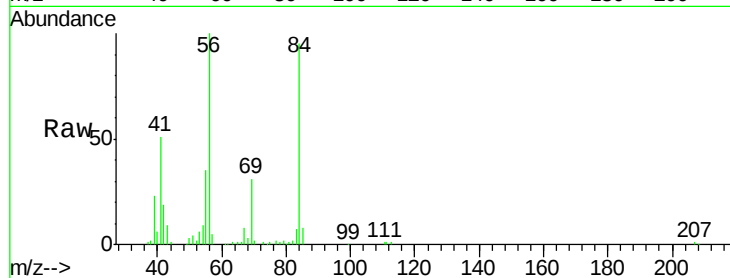
ClientSampleId :

VX0615WBSD01

Tot Ion:	56	Resp:	67524
Ion	Ratio	Lower	Upper
56	100		
69	31.5	27.1	40.7
84	93.4	74.0	111.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.827 ug/l

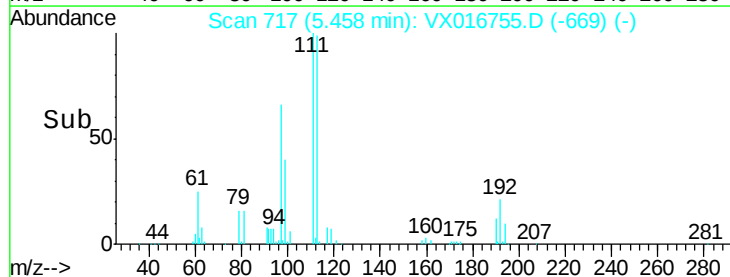
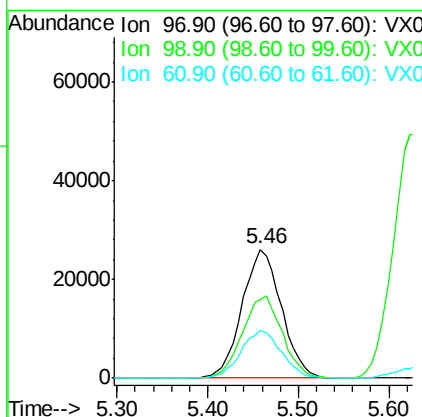
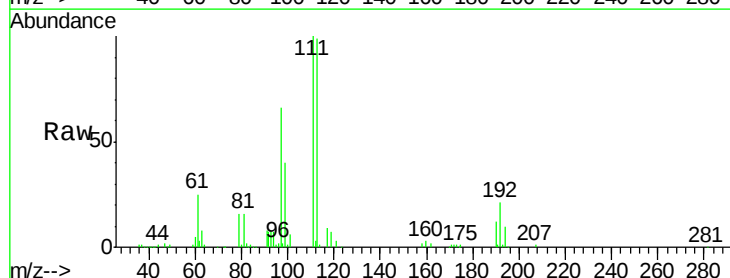
RT: 5.46 min Scan# 717

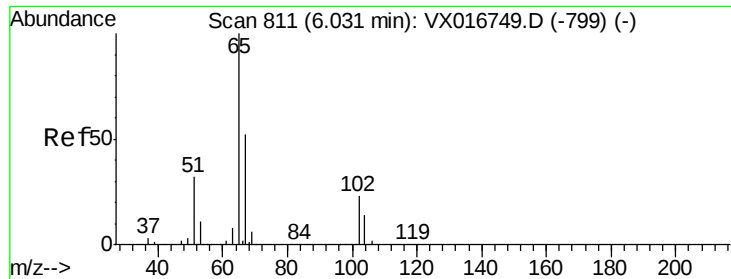
Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Tgt Ion:	97	Resp:	78433
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	38.2	31.3	46.9





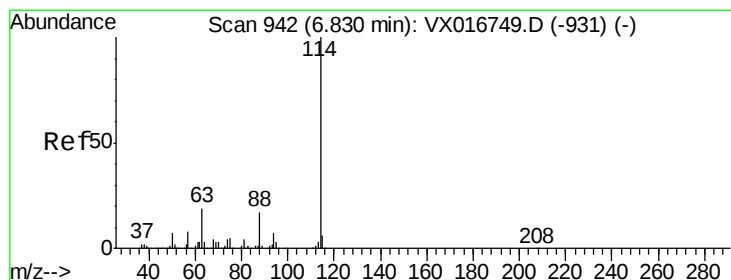
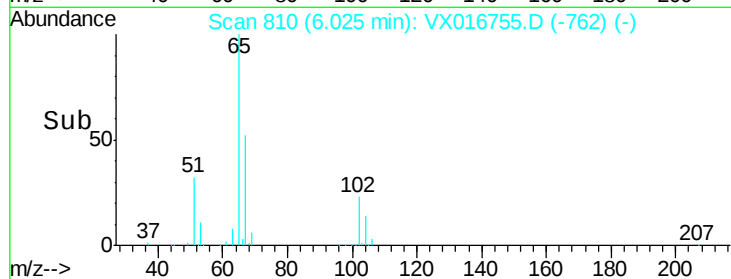
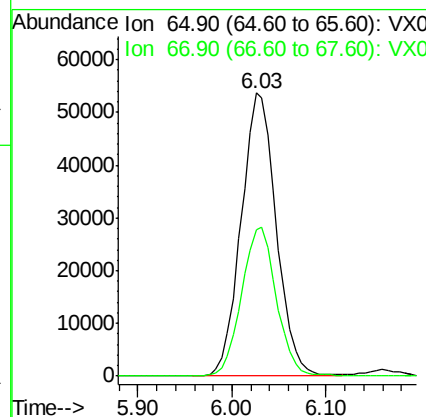
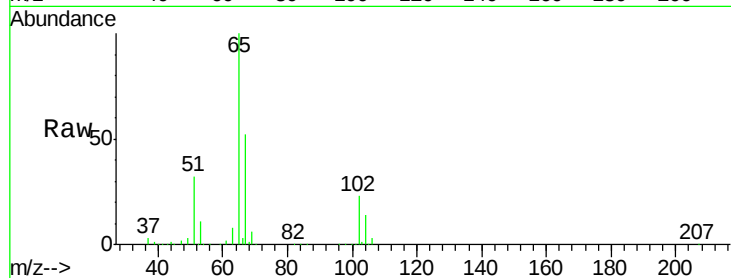
#33
 1,2-Dichloroethane-d4
 Concen: 48.750 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	139928		
67	52.1	0.0	103.0	

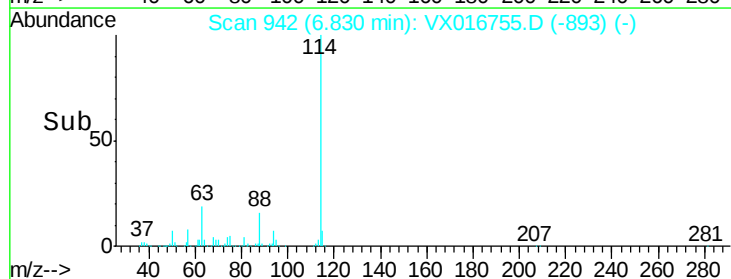
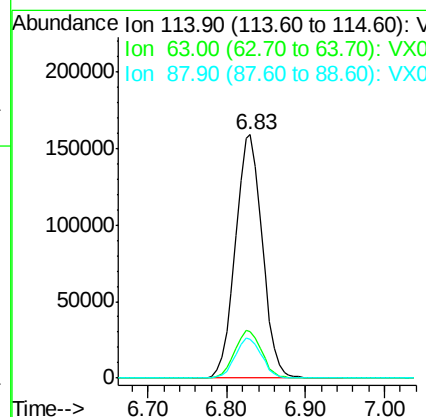
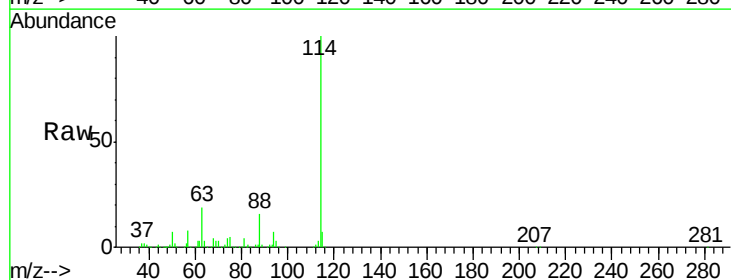
Manual Integrations
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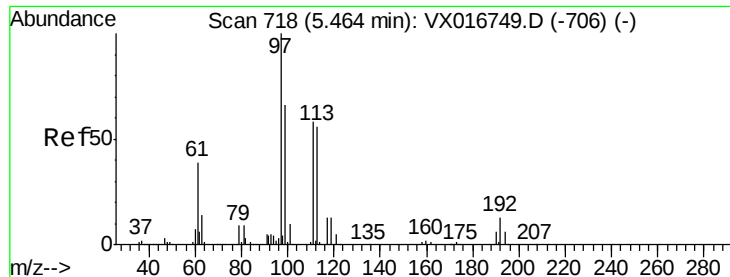
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	376817		
63	18.9	0.0	38.8	
88	16.0	0.0	33.4	





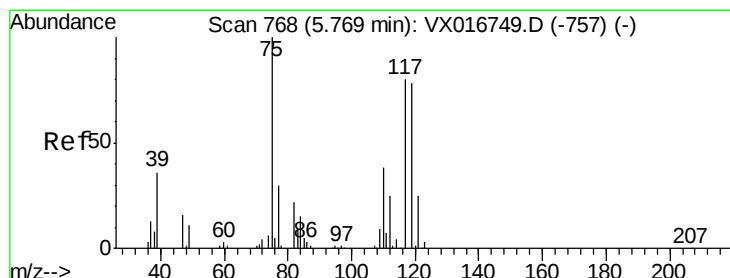
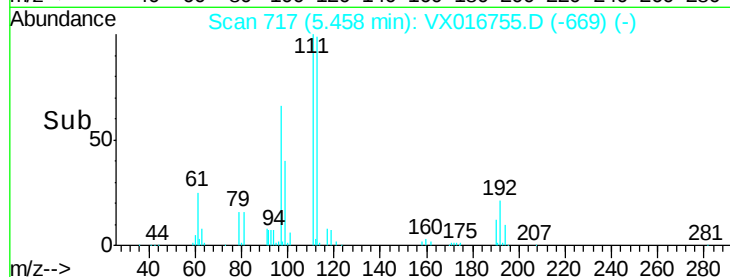
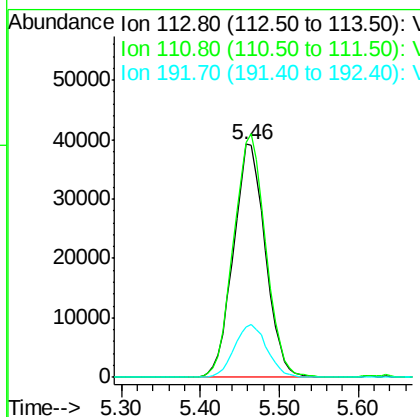
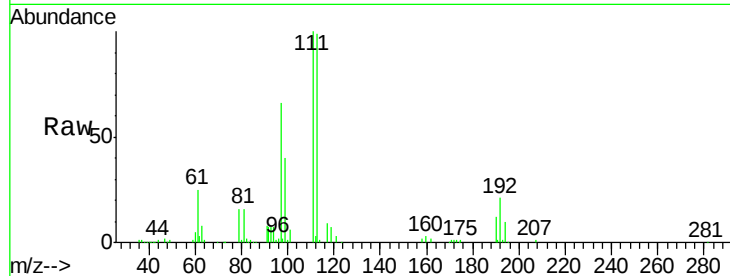
#35
 Dibromofluoromethane
 Concen: 47.650 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.7	81.8	122.6	
192	23.1	18.2	27.4	

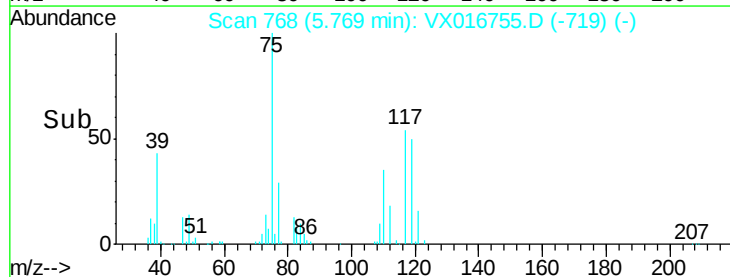
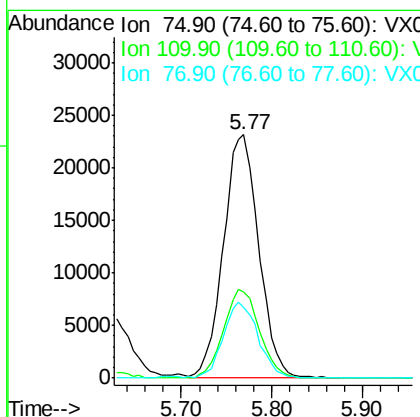
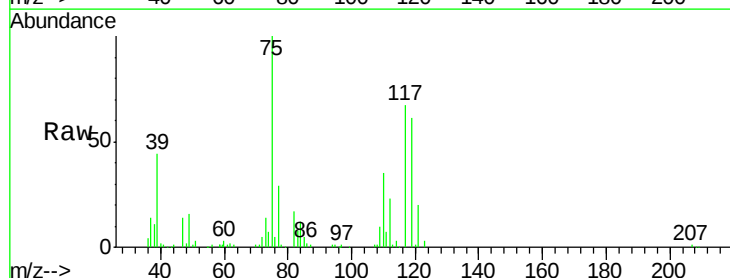
Manual Integrations
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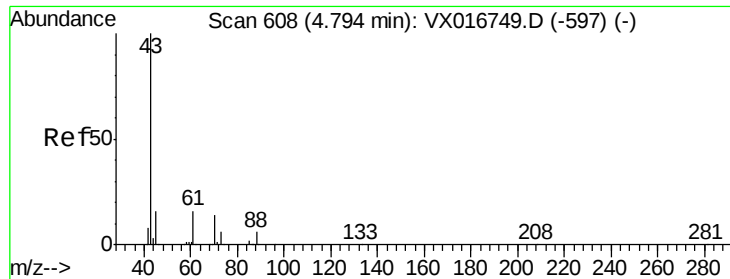
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#36
 1,1-Dichloropropene
 Concen: 18.865 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.8	18.4	55.2	
77	30.0	24.7	37.1	





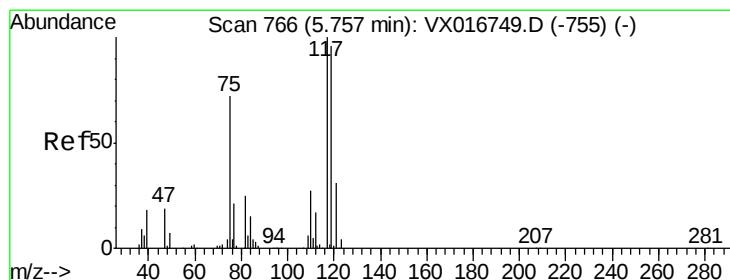
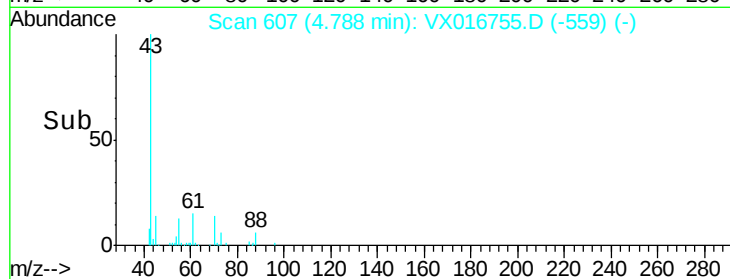
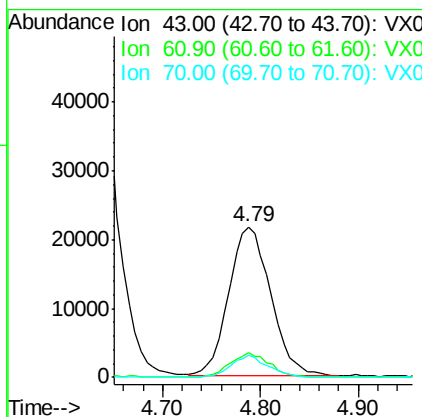
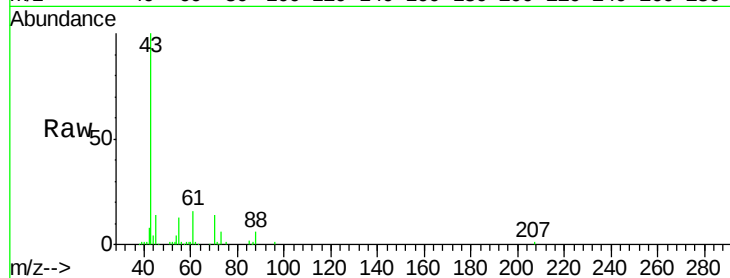
#37
Ethyl Acetate
Concen: 17.666 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.4	18.6
70	13.1	10.8	16.2

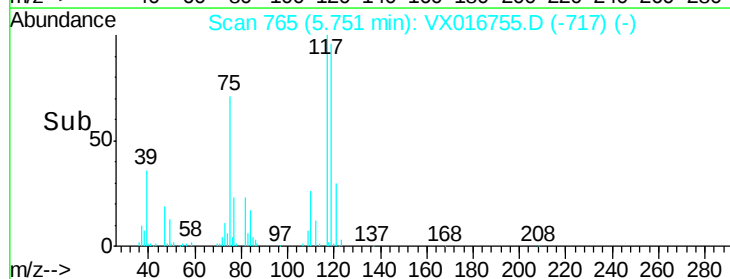
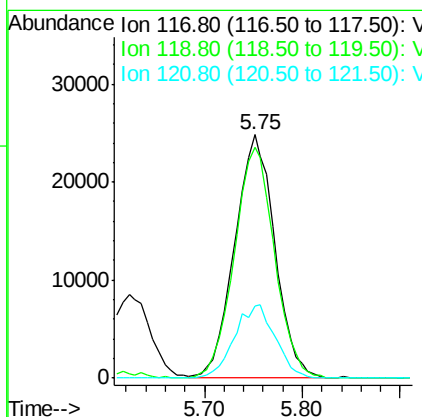
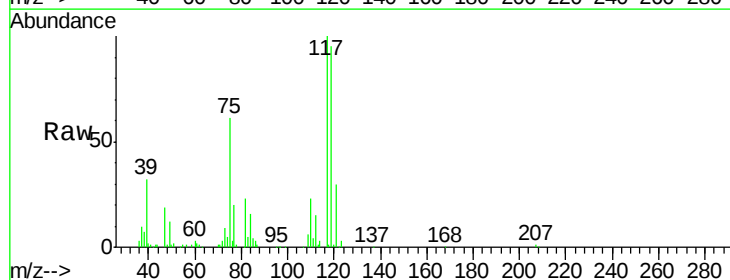
Manual Integrations
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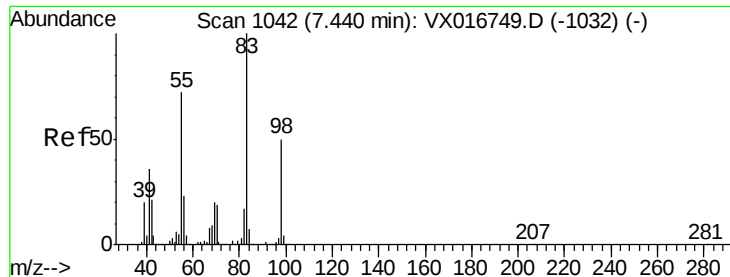
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#38
Carbon Tetrachloride
Concen: 18.657 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.7	115.1
121	29.7	24.7	37.1





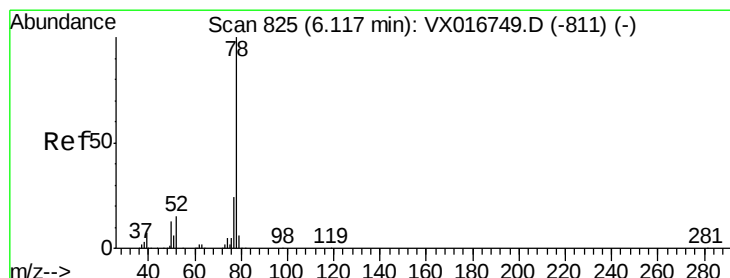
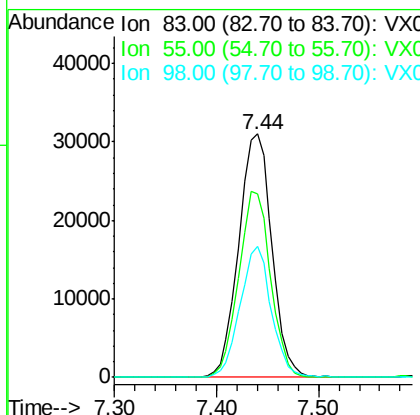
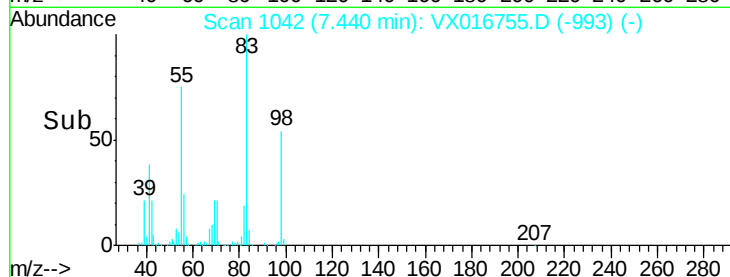
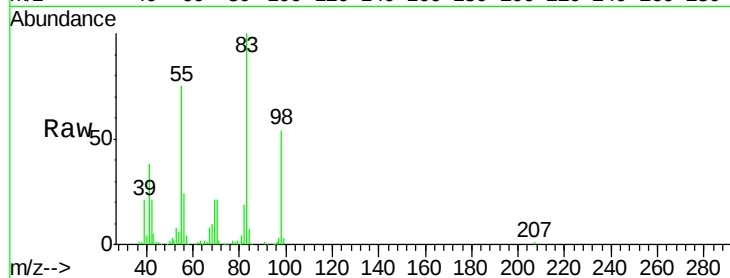
#39
Methvlcvclohexane
Concen: 18.728 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	57.3	85.9
98	53.8	40.3	60.5

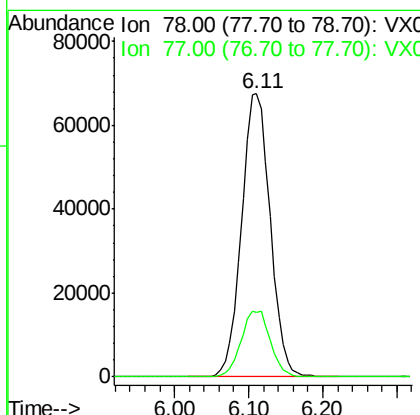
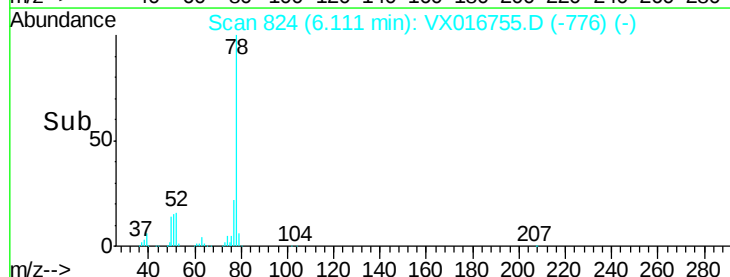
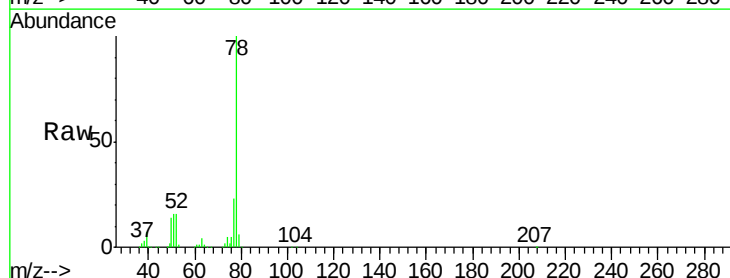
Manual Integrations
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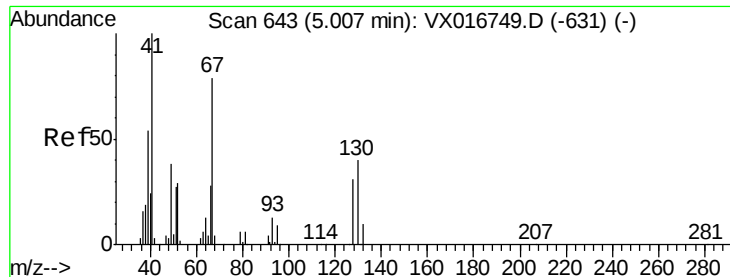
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#40
Benzene
Concen: 17.998 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4





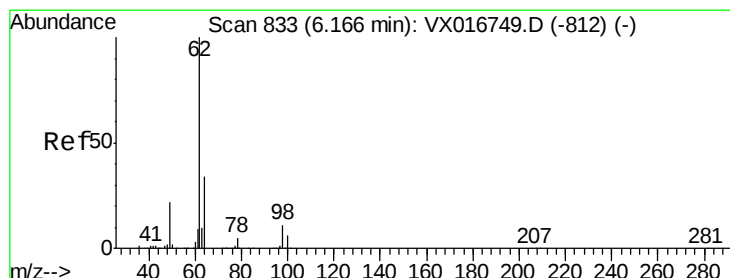
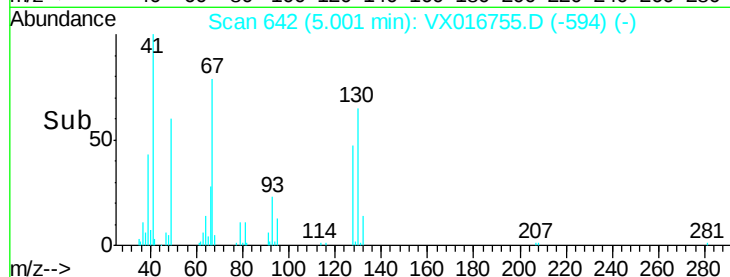
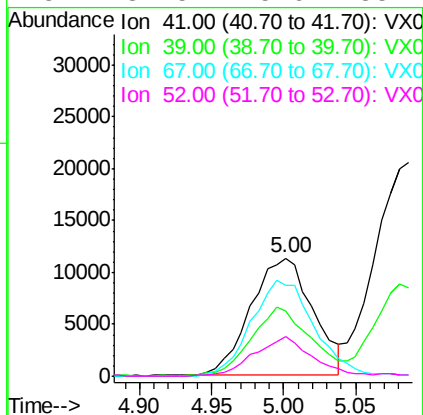
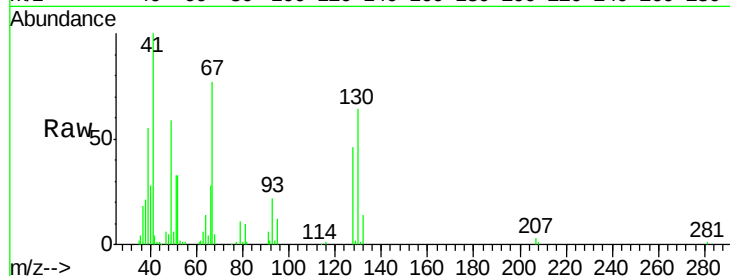
#41
Methacrylonitrile
Concen: 17.437 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	43.7	65.5	
67	83.5	64.6	96.8	
52	31.5	25.6	38.4	

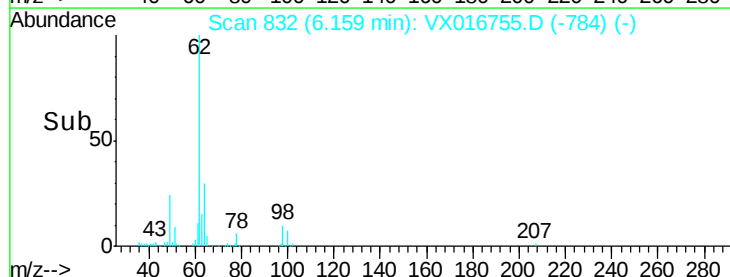
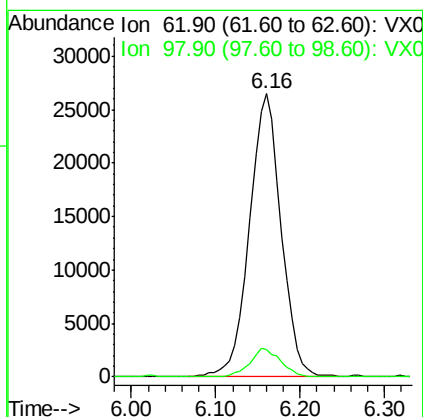
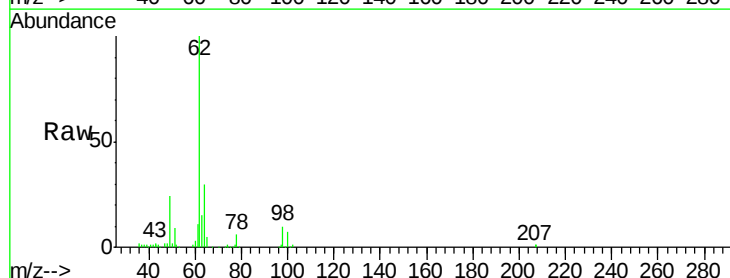
Manual Integrations
APPROVED

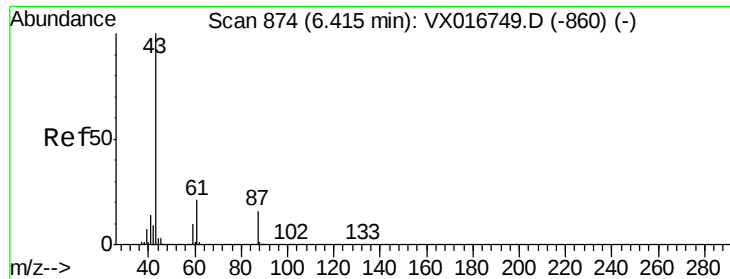
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.265 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.2	





#43

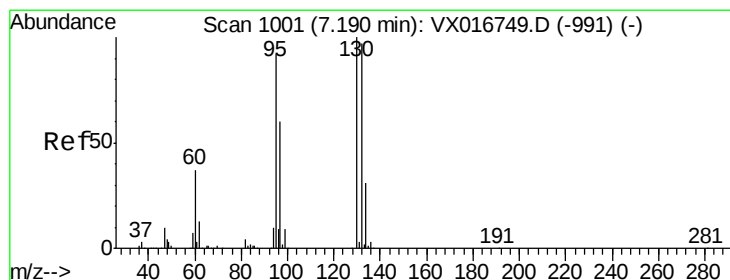
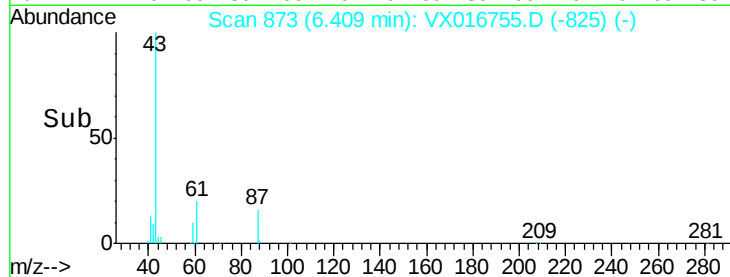
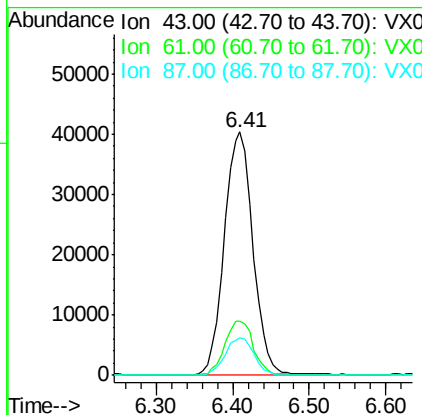
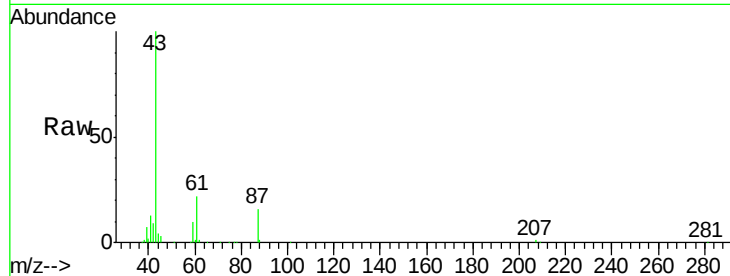
Isopropyl Acetate
 Concen: 18.249 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
61	22.5	17.7	26.5	
87	15.7	12.5	18.7	

Manual Integrations
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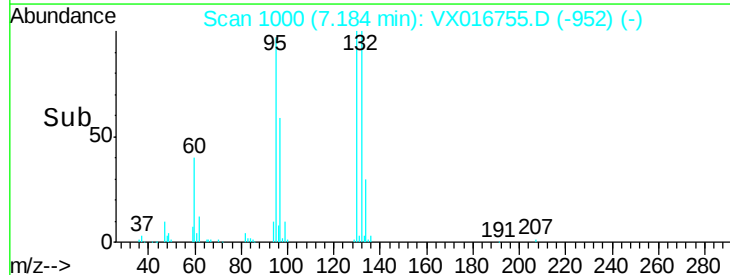
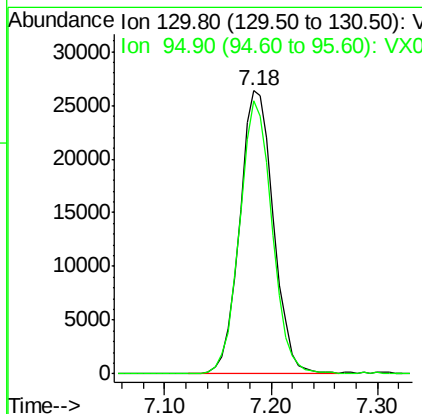
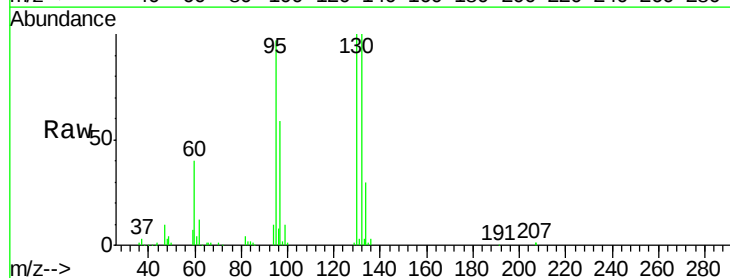
MMDadoda
 6/16/2020 3:23:20 PM

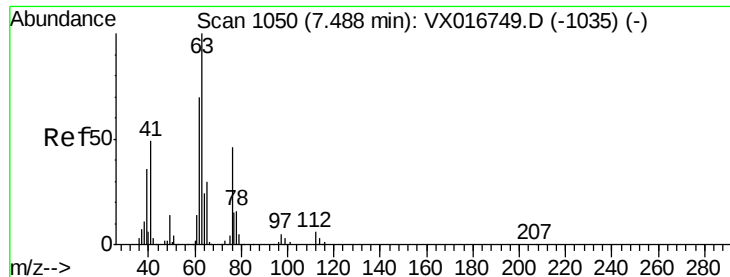


#44

Trichloroethene
 Concen: 18.710 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ion	Ratio	Lower	Upper
130	100			
95	96.7	0.0	183.6	





#45

1,2-Dichloropropane

Concen: 18.537 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 63 Resp: 46073

Ion Ratio Lower Upper

63 100

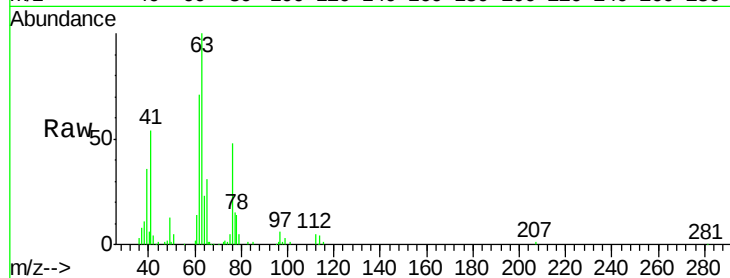
65 30.7 24.2 36.2

Manual Integrations

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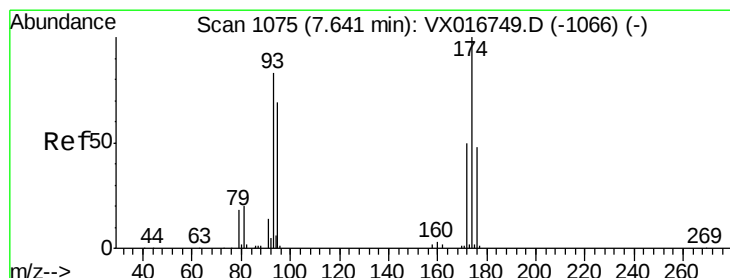
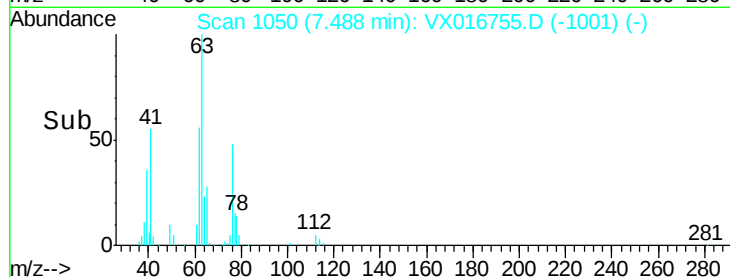
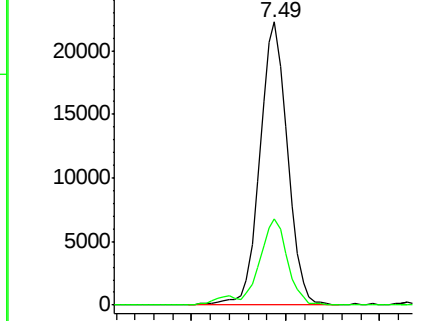
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.862 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

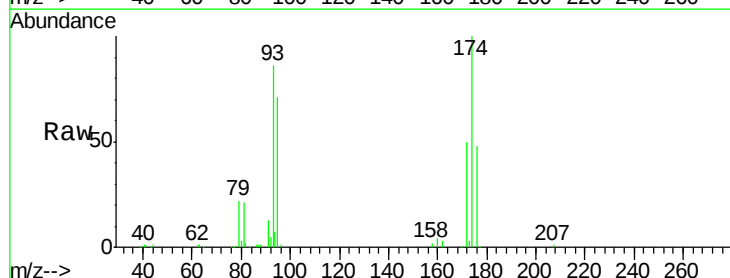
Tgt Ion: 93 Resp: 32357

Ion Ratio Lower Upper

93 100

95 85.7 66.9 100.3

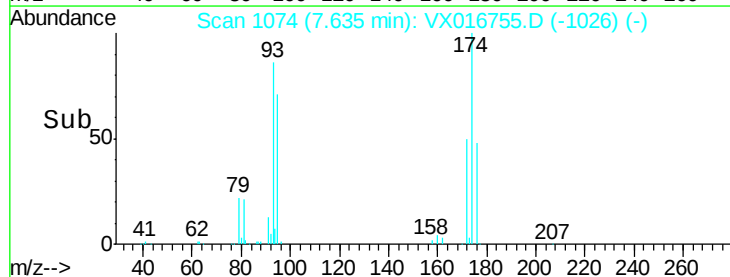
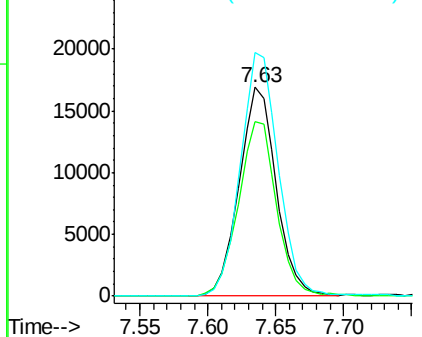
174 118.9 93.8 140.8

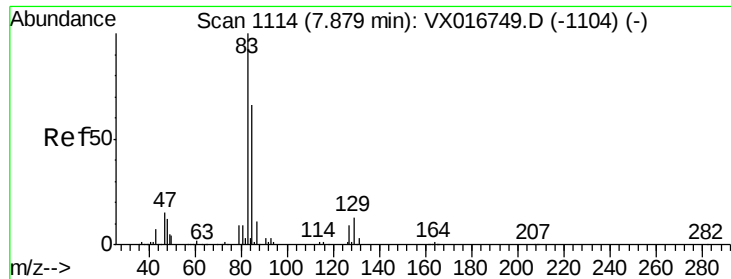


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.017 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

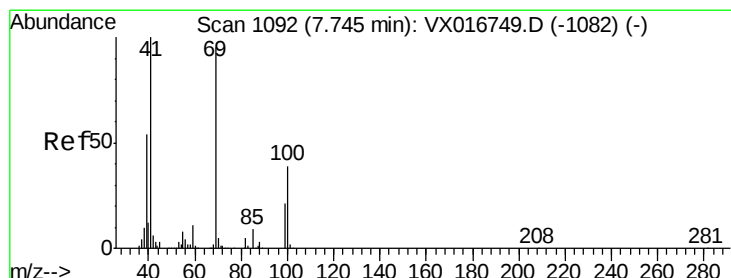
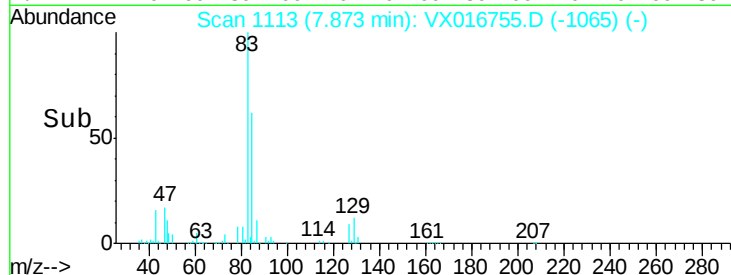
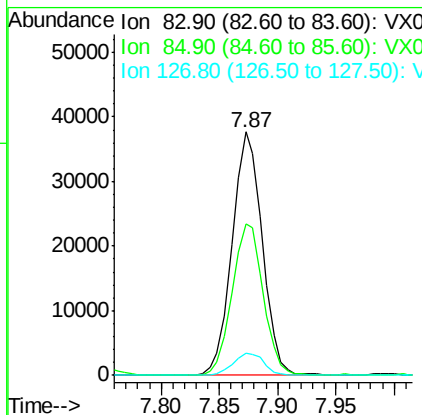
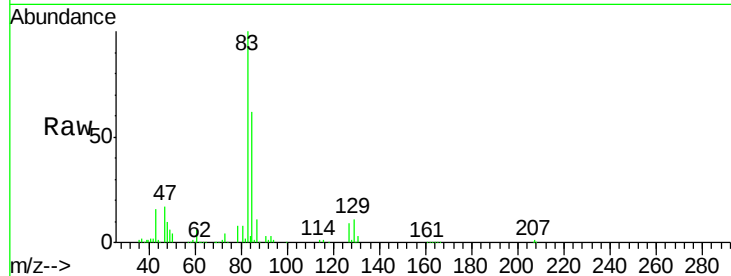
ClientSampleId :

VX0615WBSD01

Tot Ion:	83	Resp:	68043
Ion Ratio	Lower	Upper	
83	100		
85	62.1	52.5	78.7
127	9.2	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.042 ug/l

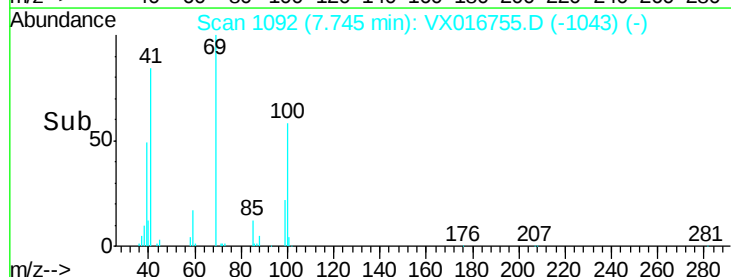
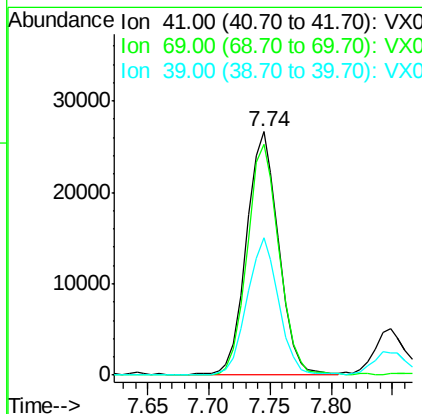
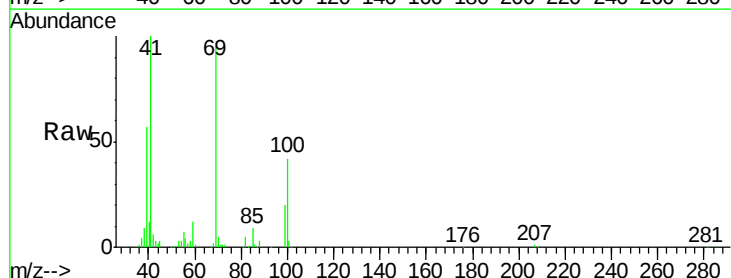
RT: 7.74 min Scan# 1092

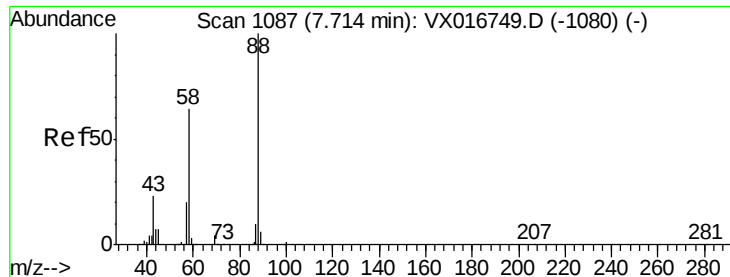
Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Tgt Ion:	41	Resp:	48876
Ion Ratio	Lower	Upper	
41	100		
69	93.9	75.0	112.6
39	55.7	44.3	66.5





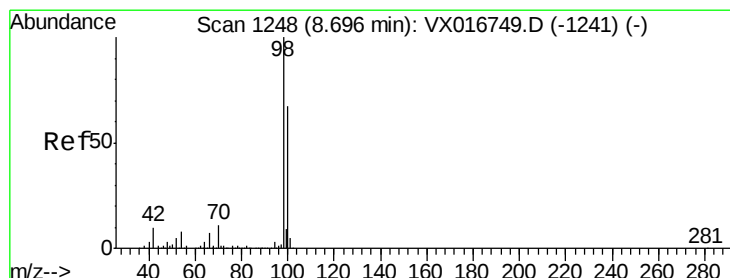
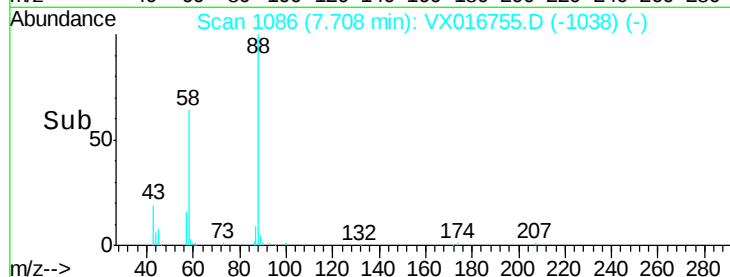
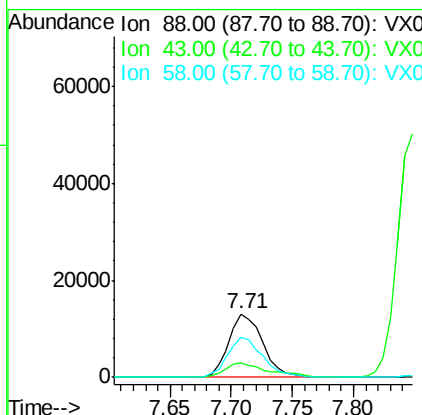
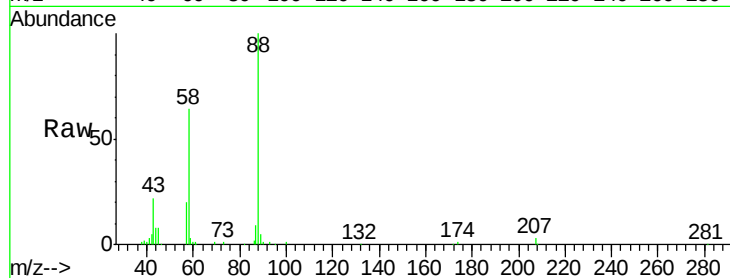
#49
1,4-Dioxane
Concen: 376.977 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.9	34.3
58	65.3	53.7	80.5

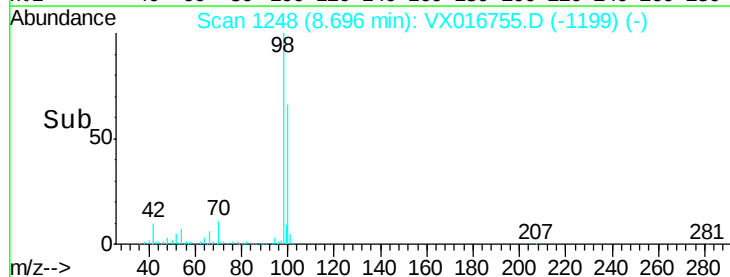
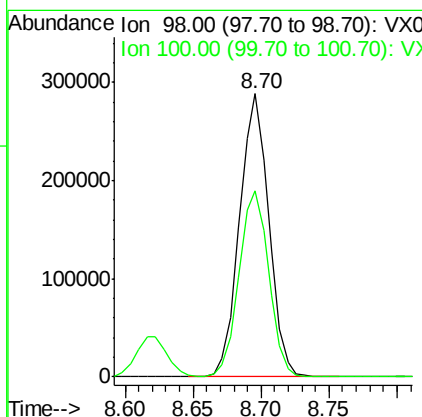
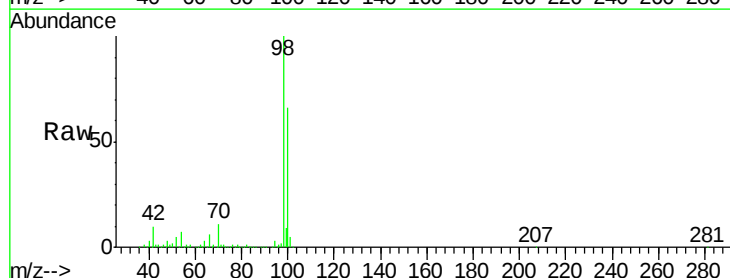
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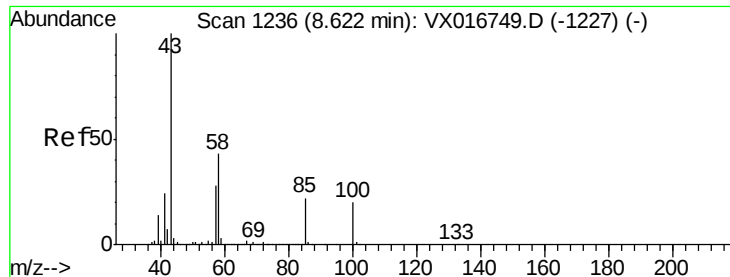
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#50
Toluene-d8
Concen: 50.622 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 92.322 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 43 Resp: 325153

Ion Ratio Lower Upper

43 100

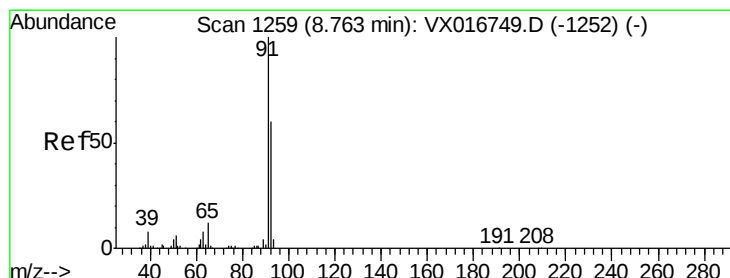
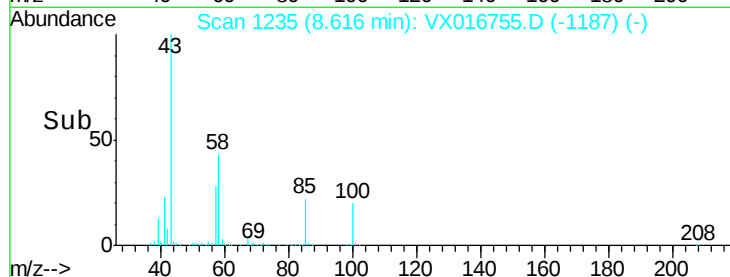
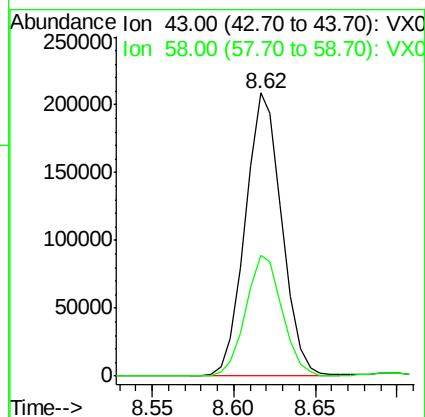
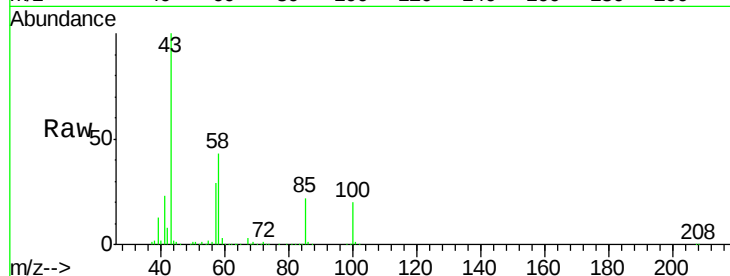
58 42.7 34.6 52.0

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#52

Toluene

Concen: 18.234 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016755.D

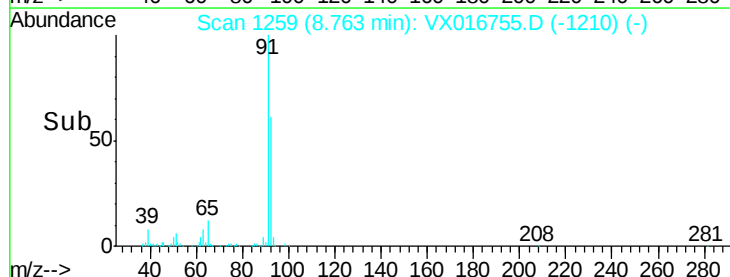
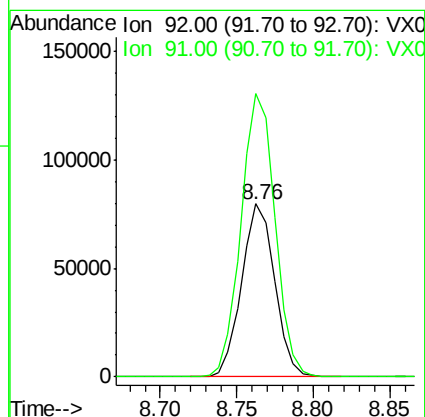
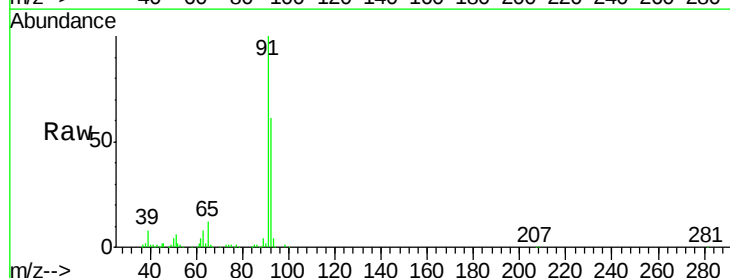
Acq: 15 Jun 2020 15:47

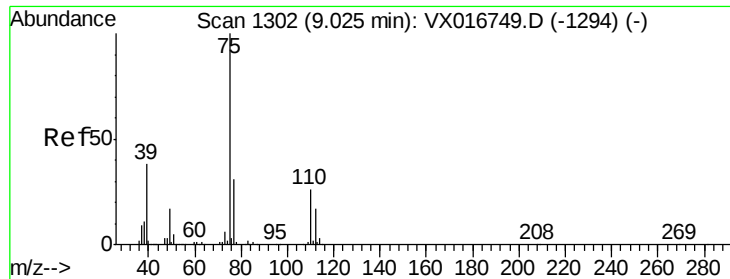
Tgt Ion: 92 Resp: 120083

Ion Ratio Lower Upper

92 100

91 167.8 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 18.015 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 75 Resp: 76844

Ion Ratio Lower Upper

75 100

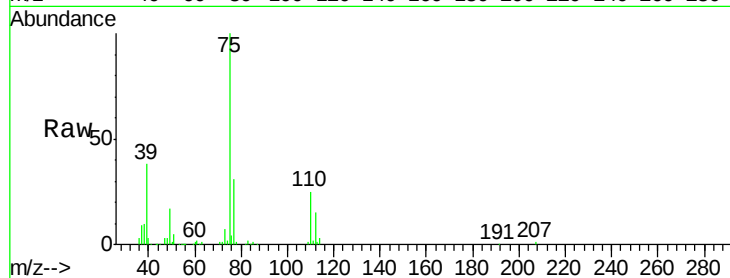
77 30.9 24.7 37.1

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

60000

50000

40000

30000

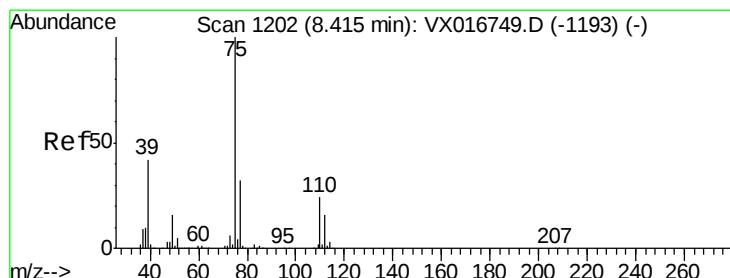
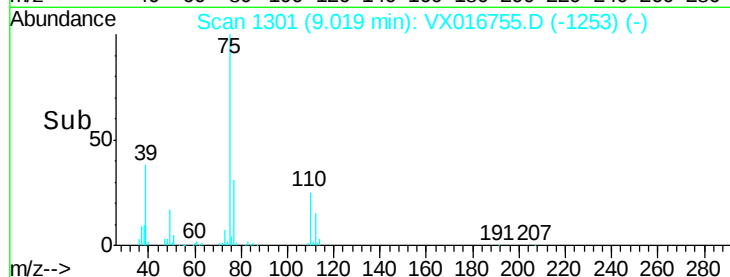
20000

10000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.089 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

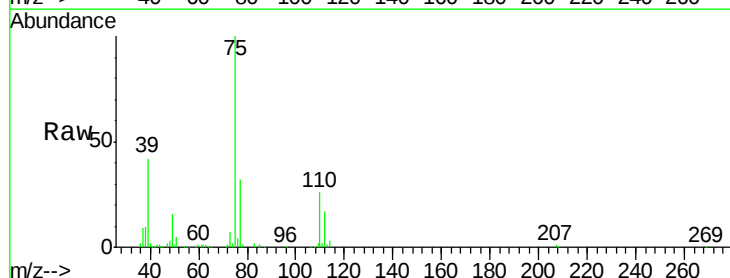
Tgt Ion: 75 Resp: 80482

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 42.3 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

60000

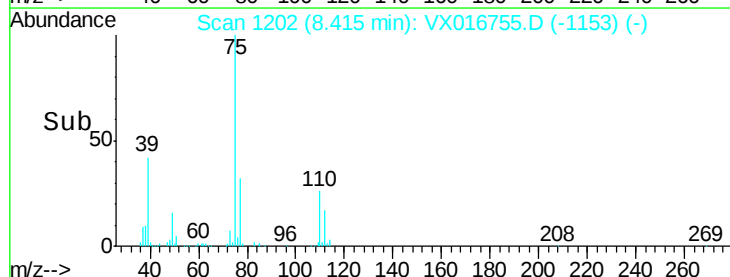
40000

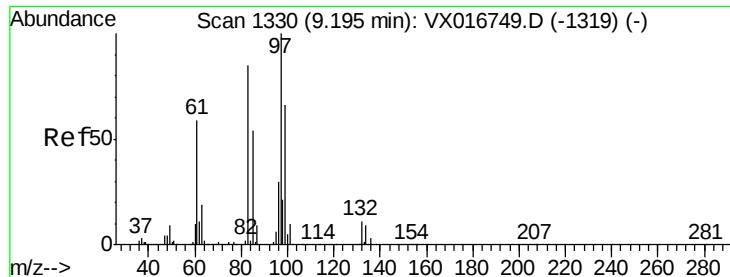
20000

0

8.35 8.40 8.45 8.50

Time-->





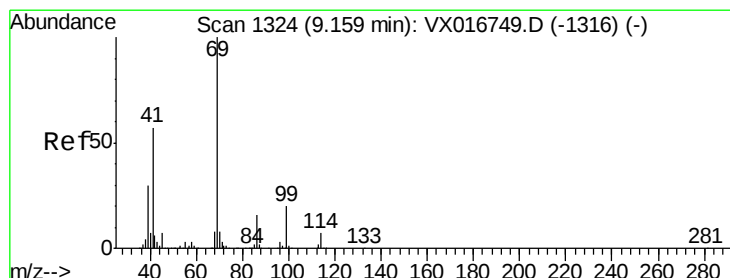
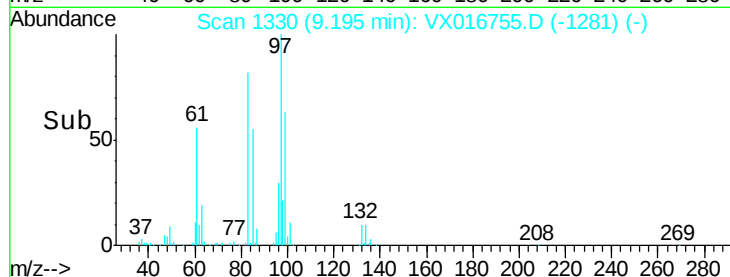
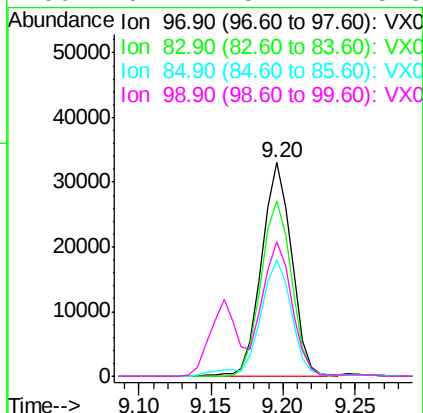
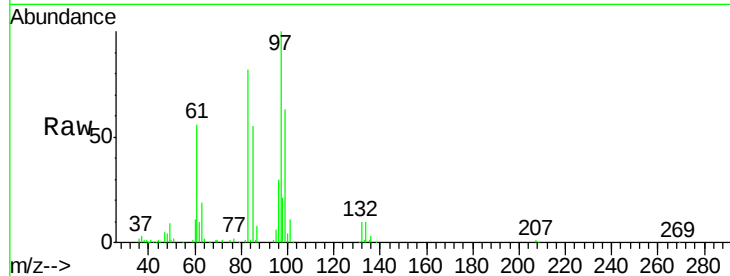
#55
 1,1,2-Trichloroethane
 Concen: 18.083 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.3	102.5
85	54.7	43.5	65.3
99	62.7	52.4	78.6

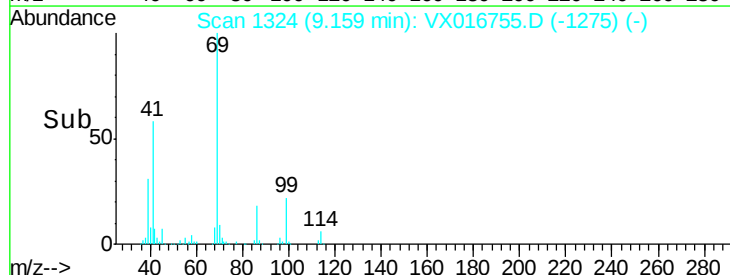
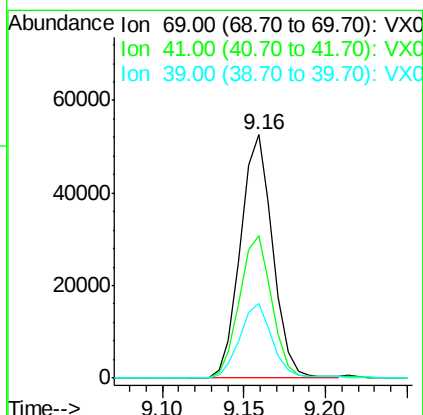
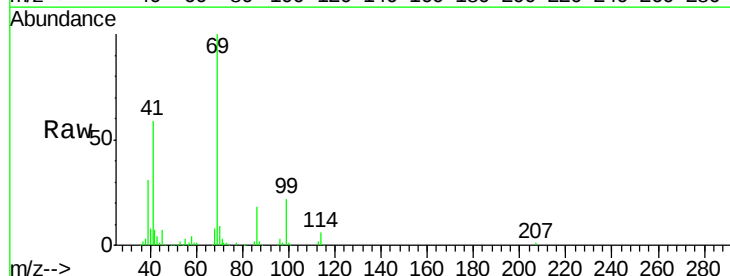
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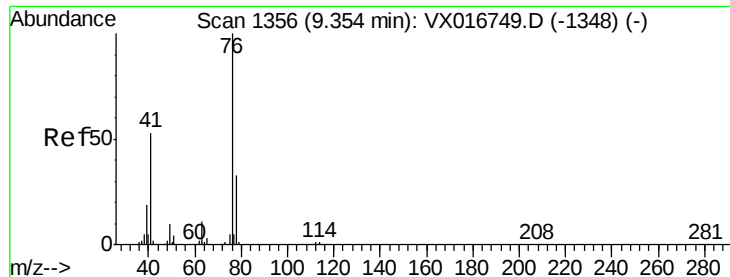
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#56
 Ethyl methacrylate
 Concen: 18.319 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.1	70.7
39	31.6	25.0	37.6





#57

1,3-Dichloropropane

Concen: 18.360 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 76 Resp: 81742

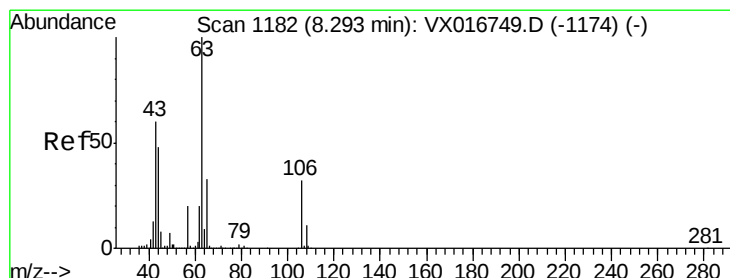
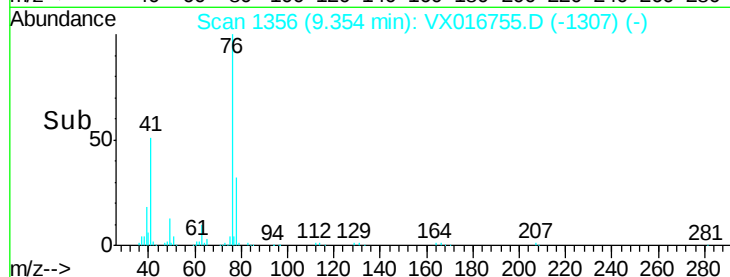
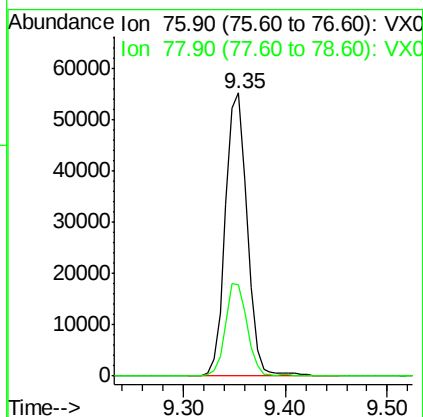
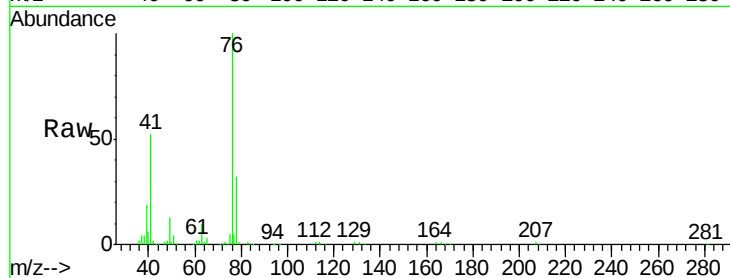
Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:20 PM



#58

2-Chloroethyl Vinyl ether

Concen: 97.053 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016755.D

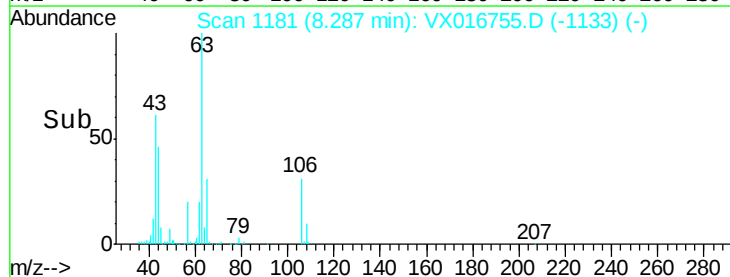
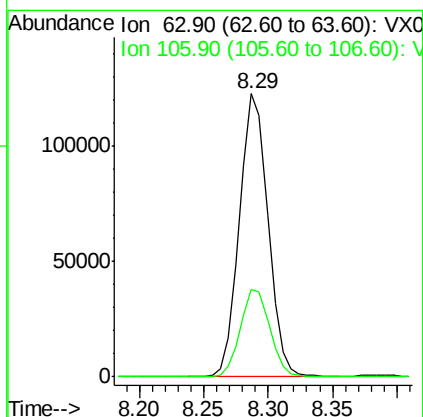
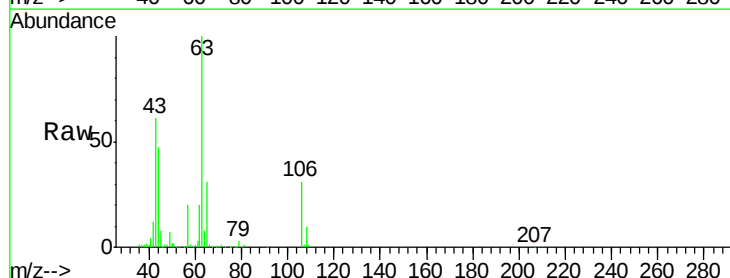
Acq: 15 Jun 2020 15:47

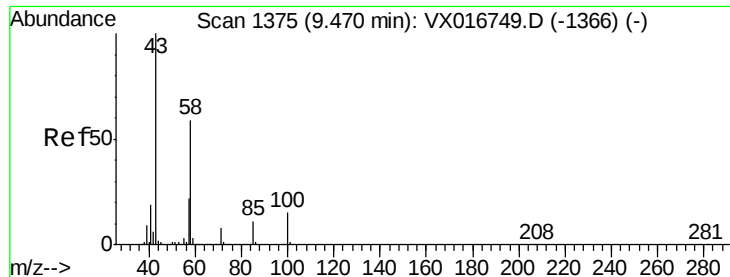
Tgt Ion: 63 Resp: 189230

Ion Ratio Lower Upper

63 100

106 31.9 25.5 38.3





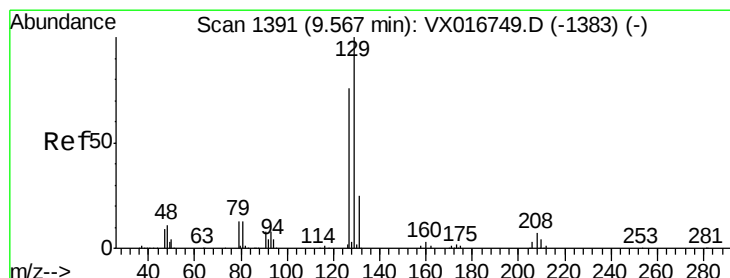
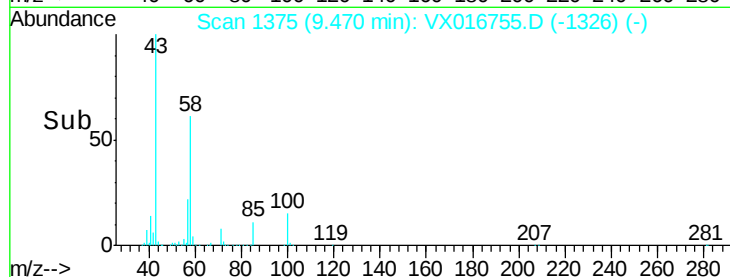
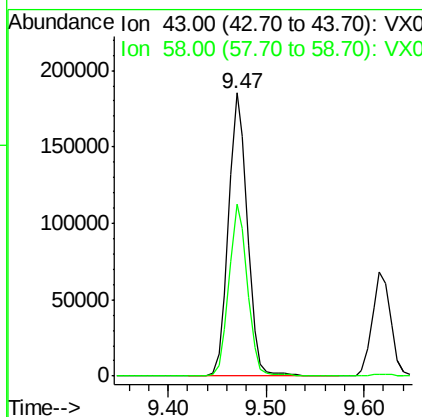
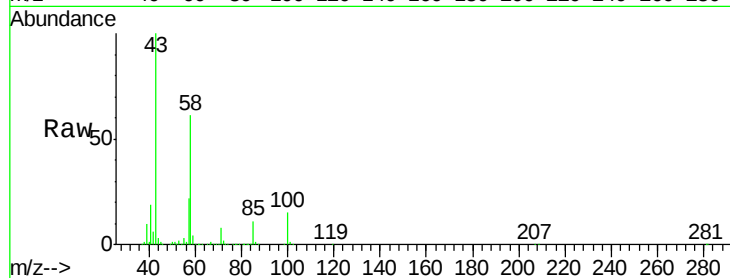
#59
2-Hexanone
Concen: 91.384 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion: 43 Resp: 248457
Ion Ratio Lower Upper
43 100
58 59.7 29.9 89.8

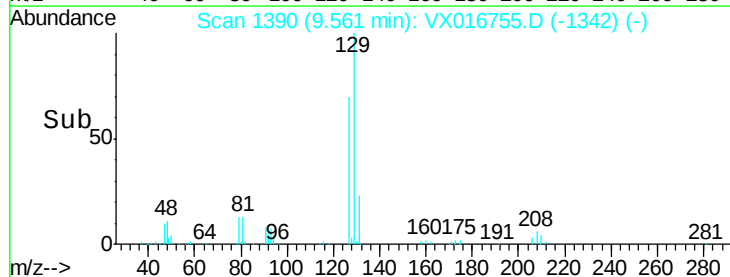
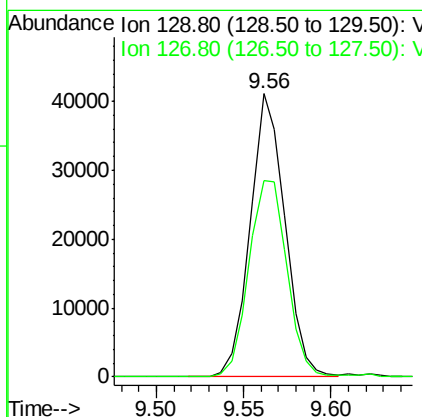
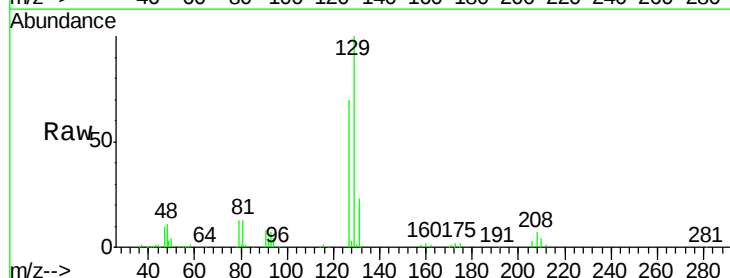
Manual Integrations
APPROVED

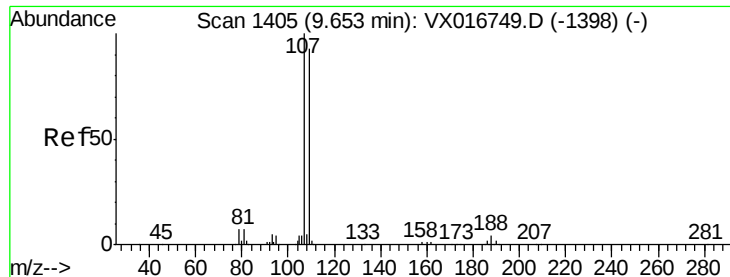
MMDadoda
6/16/2020 3:23:20 PM



#60
Dibromochloromethane
Concen: 18.125 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion: 129 Resp: 56734
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1





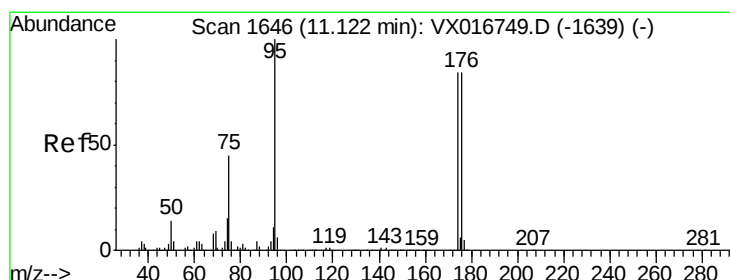
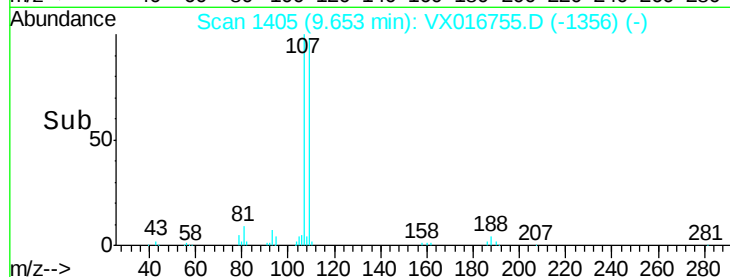
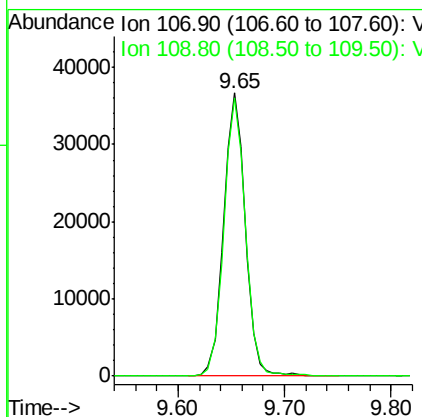
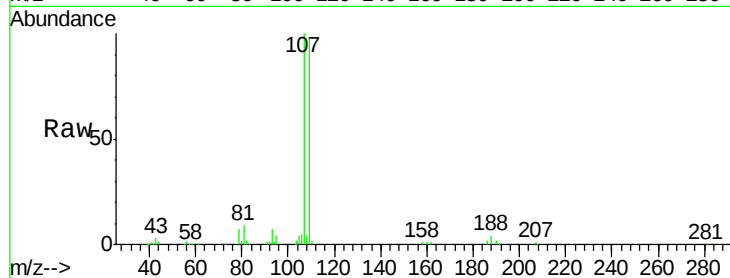
#61
 1,2-Dibromoethane
 Concen: 18.101 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.8	74.2	111.4

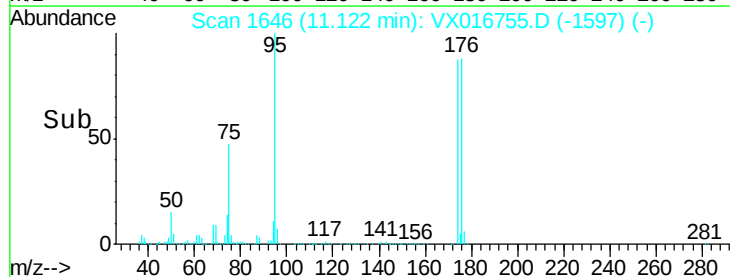
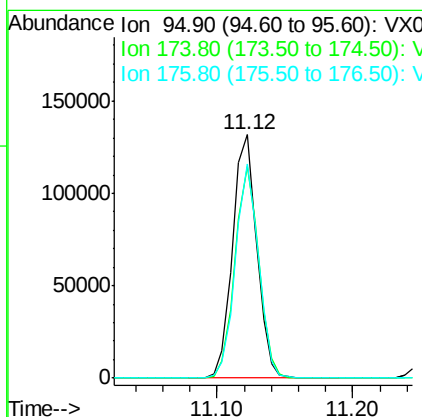
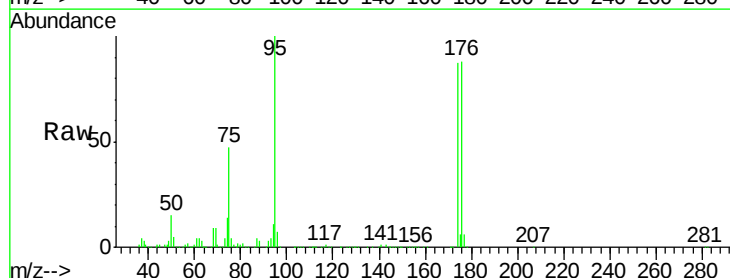
Manual Integrations
 APPROVED

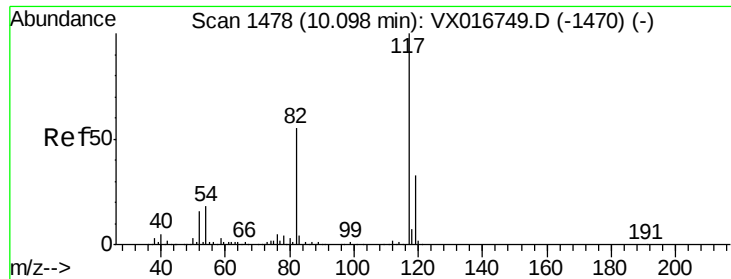
MMDadoda
 6/16/2020 3:23:20 PM



#62
 4-Bromofluorobenzene
 Concen: 49.809 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	171.0
176	84.6	0.0	166.2





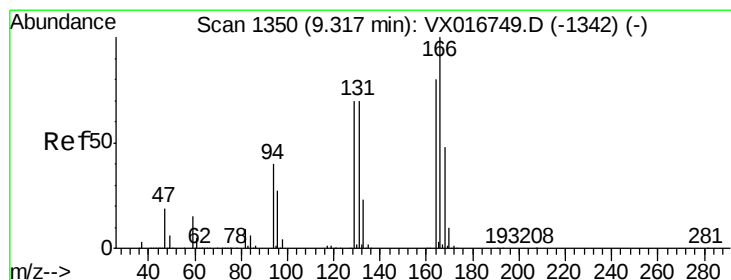
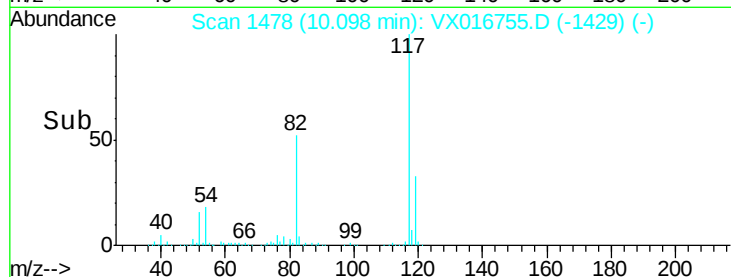
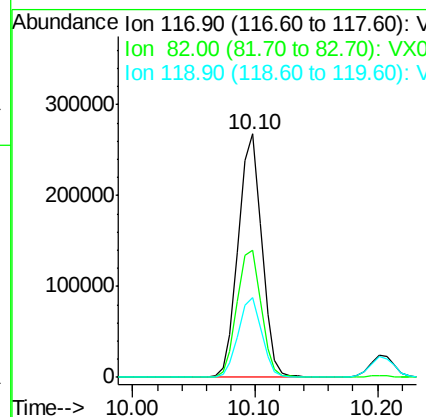
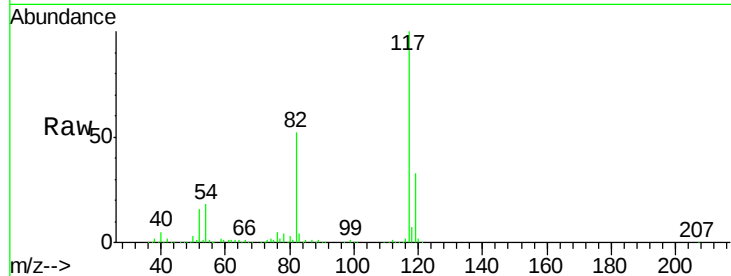
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.1	43.8	65.6
119	32.7	26.2	39.4

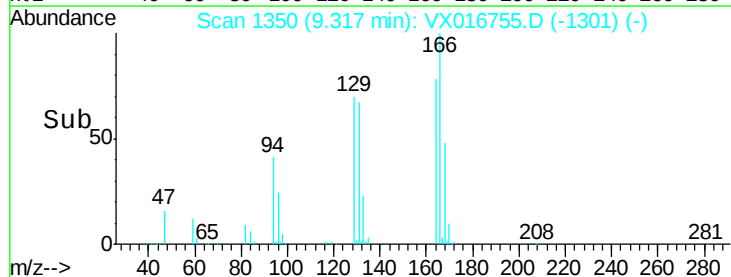
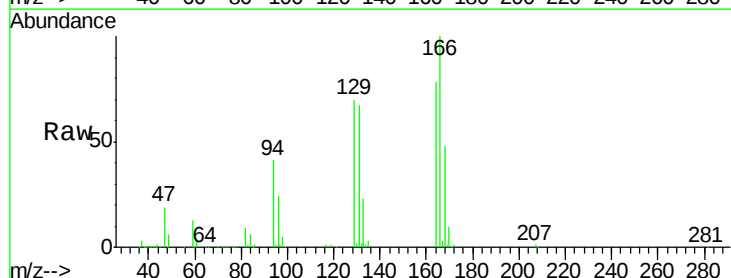
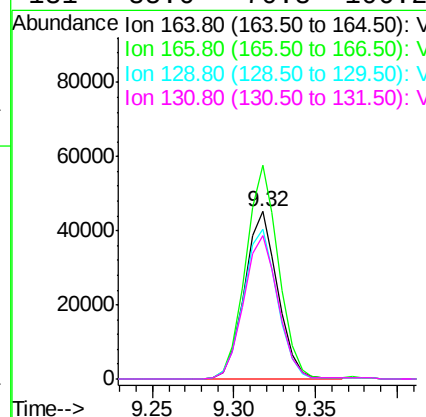
Manual Integrations
APPROVED

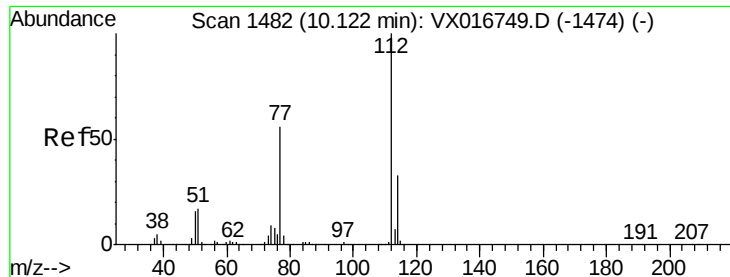
MMDadoda
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#64
Tetrachloroethene
Concen: 18.703 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.5	100.6	150.8
129	89.6	70.1	105.1
131	85.6	70.8	106.2





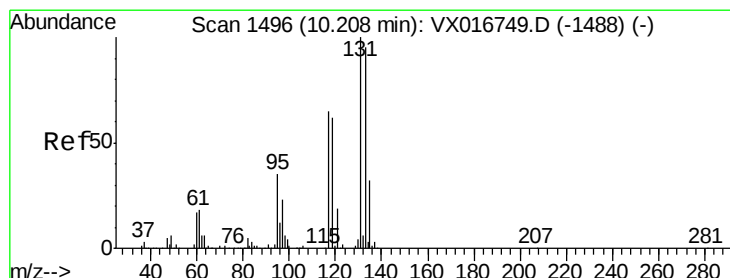
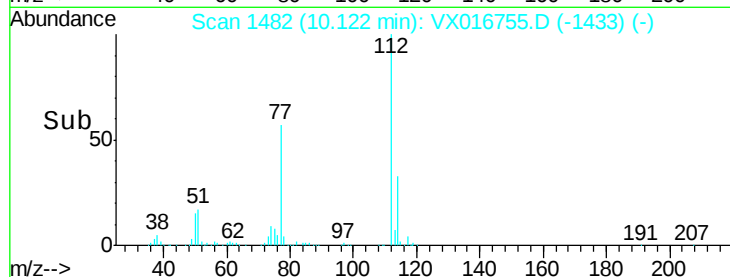
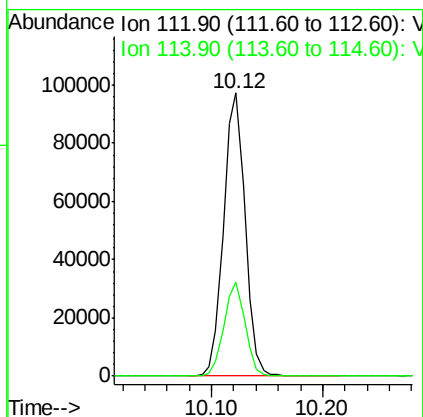
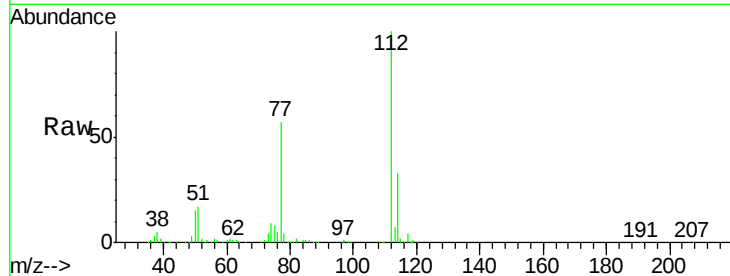
#65
Chlorobenzene
Concen: 17.973 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	26.2	39.4

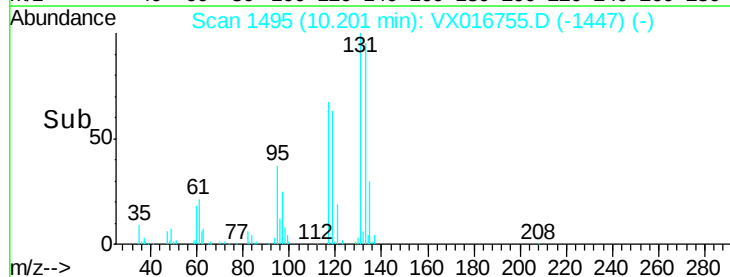
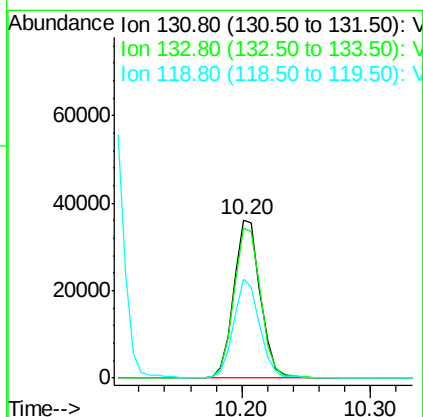
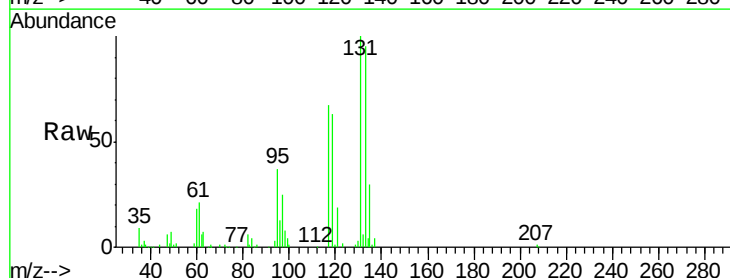
Manual Integrations
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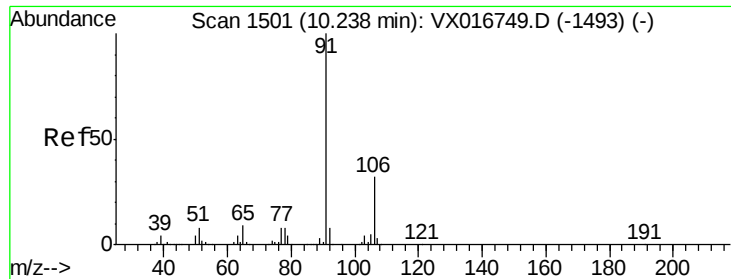
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.984 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	46.8	140.3
119	61.6	31.4	94.0





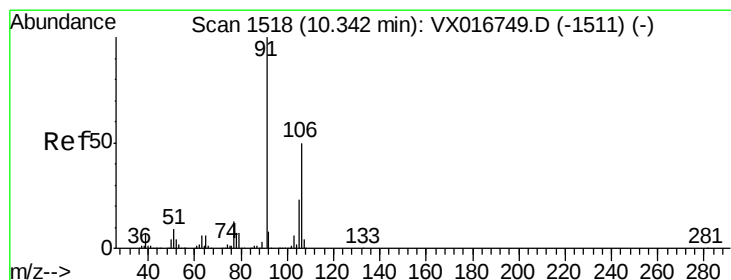
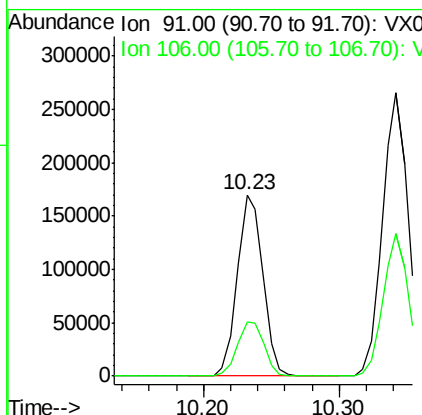
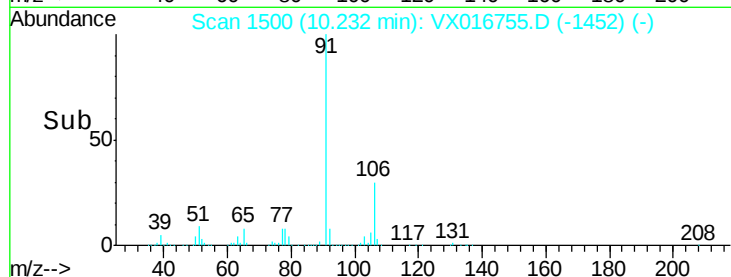
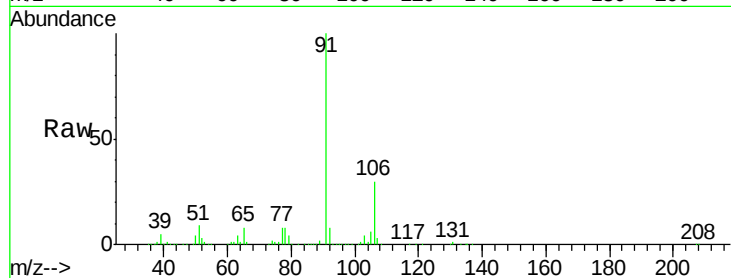
#67
Ethyl Benzene
Concen: 18.247 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion: 91 Resp: 222803
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9

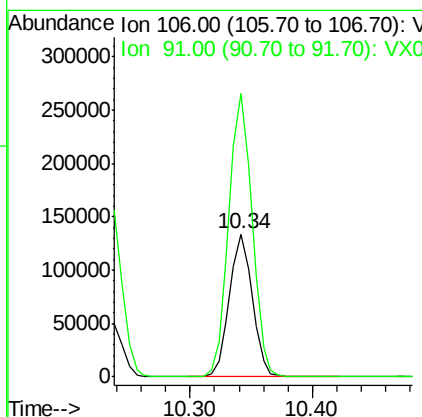
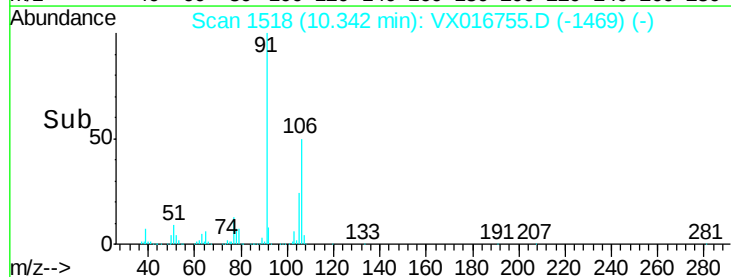
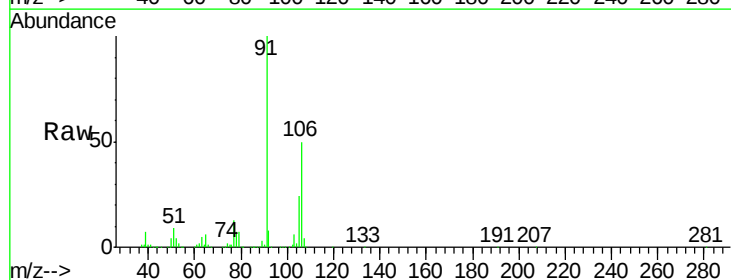
Manual Integrations
APPROVED

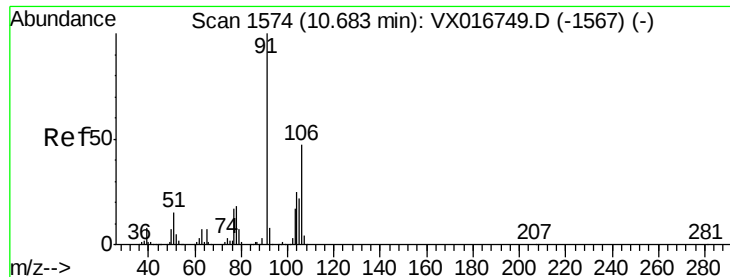
MMDadoda
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#68
m/p-Xylenes
Concen: 37.432 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion: 106 Resp: 173295
Ion Ratio Lower Upper
106 100
91 202.0 161.2 241.8





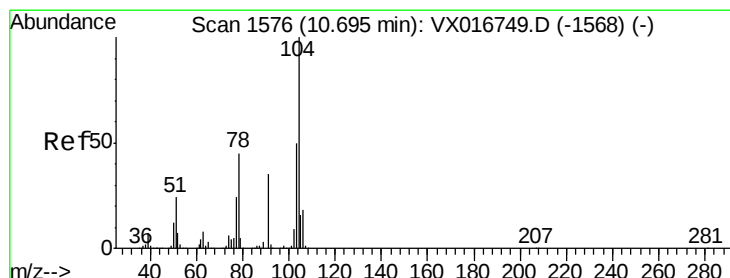
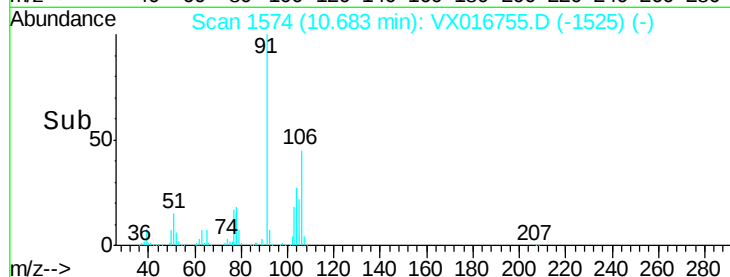
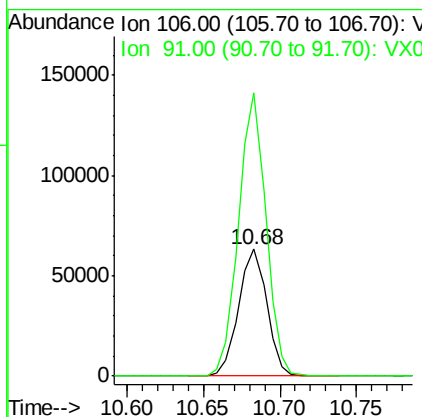
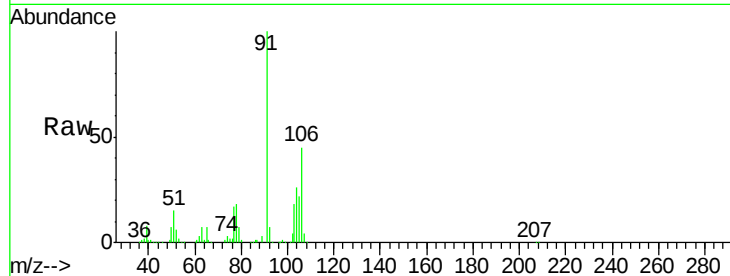
#69
o-Xylene
Concen: 18.236 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	215.8	106.9	320.8

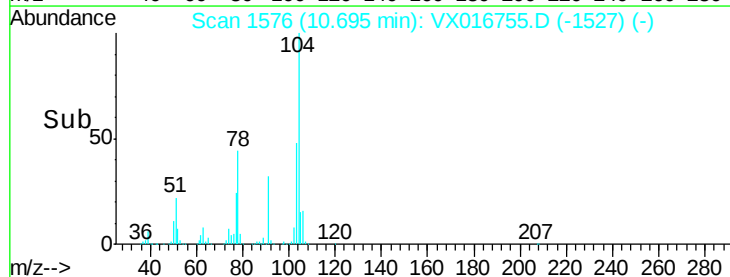
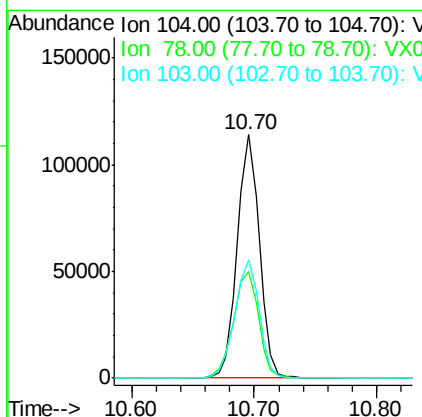
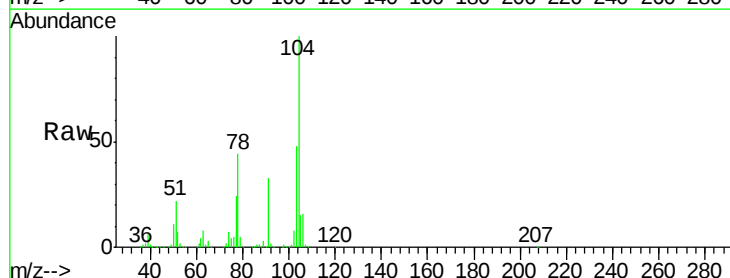
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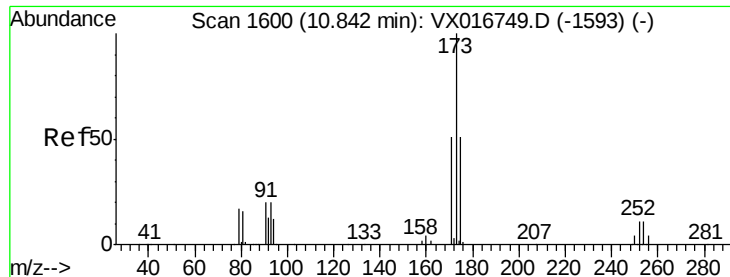
MMDadoda
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#70
Styrene
Concen: 18.431 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.0	39.8	59.8
103	103	53.5	43.4	65.2





#71

Bromoform

Concen: 17.936 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion:173 Resp: 44094

Ion Ratio Lower Upper

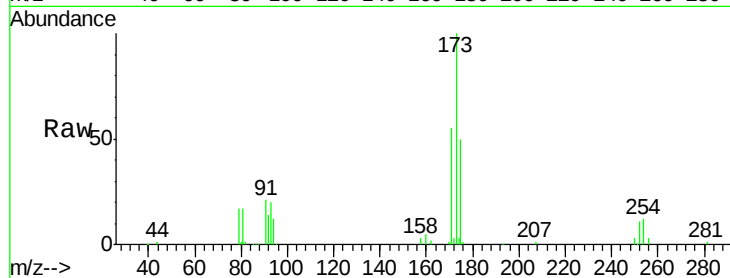
173 100

175 48.4 25.1 75.4

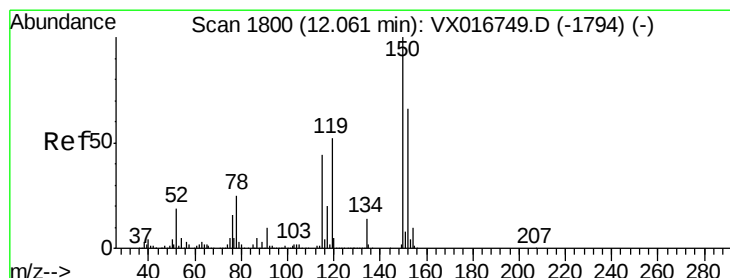
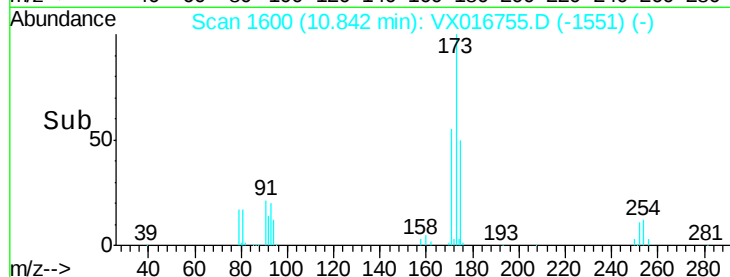
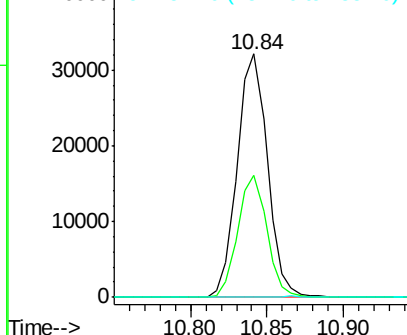
254 0.1 0.1 0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

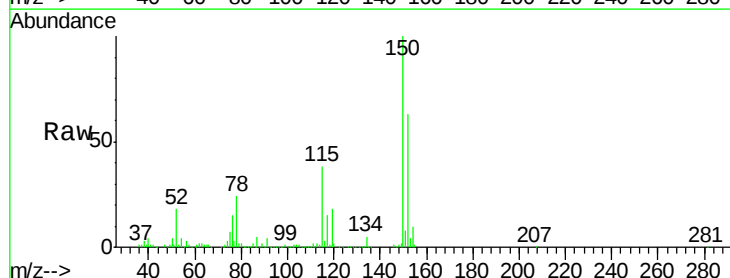
Tgt Ion:152 Resp: 180012

Ion Ratio Lower Upper

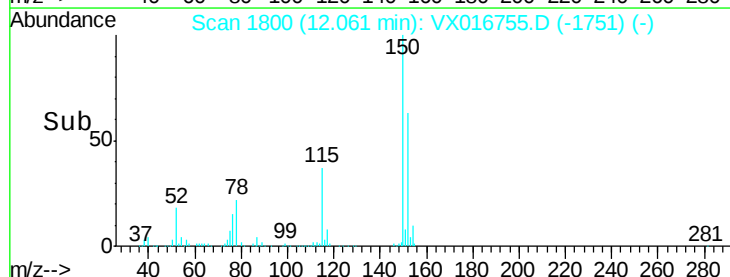
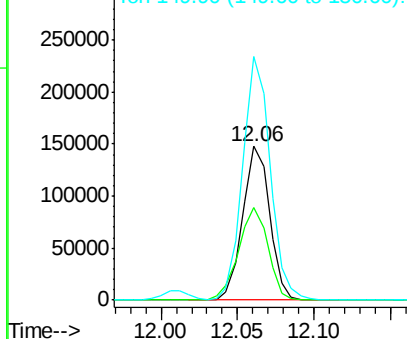
152 100

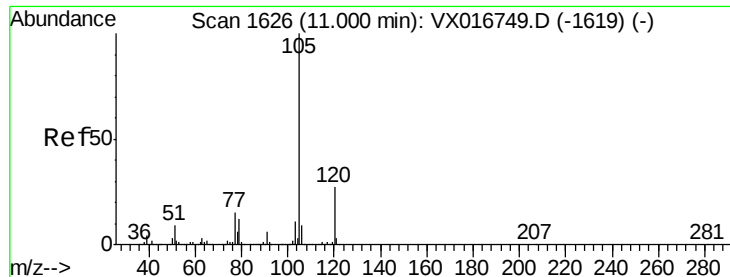
115 66.5 40.3 120.8

150 162.6 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: 18.838 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 105 Resp: 222505

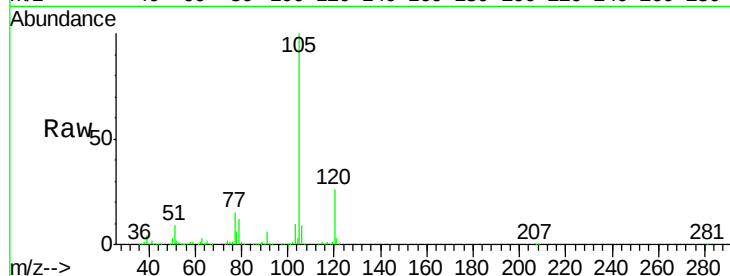
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

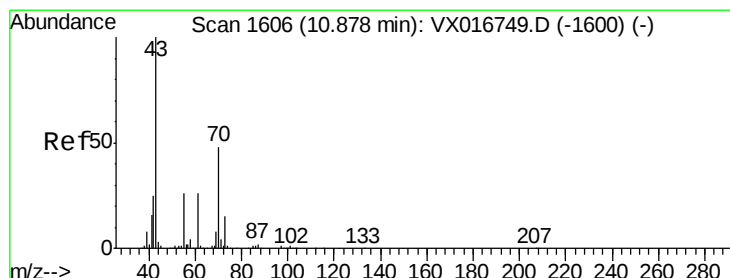
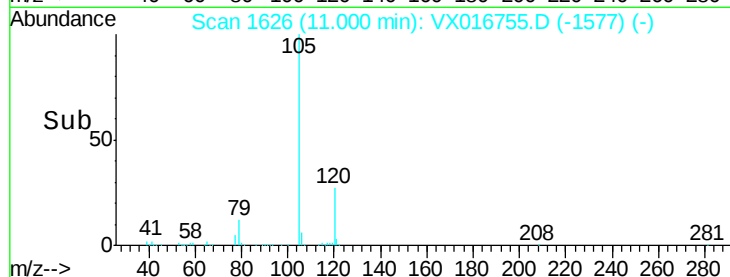
50000

0

Time--> 10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 18.324 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Tgt Ion: 43 Resp: 84120

Ion Ratio Lower Upper

43 100

70 47.9 39.8 59.6

55 27.5 21.7 32.5

61 26.0 21.6 32.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

20000

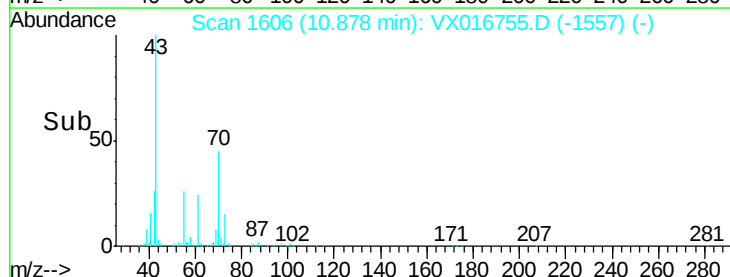
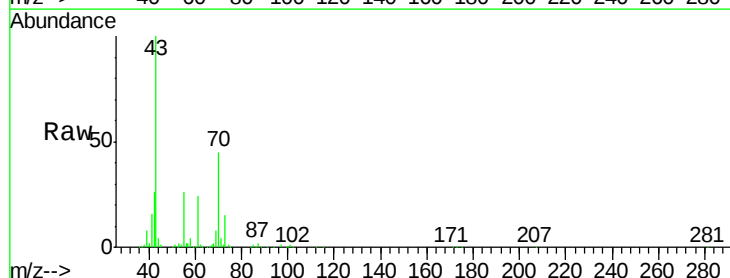
0

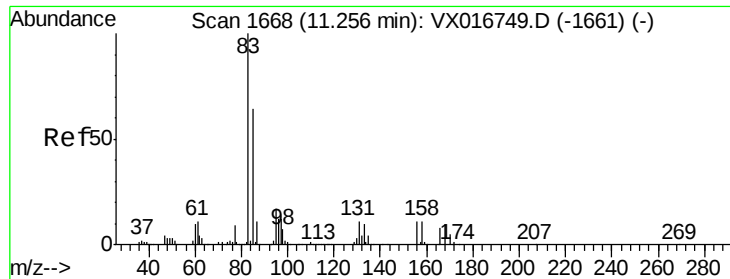
Time--> 10.80

10.85

10.90

10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 17.249 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

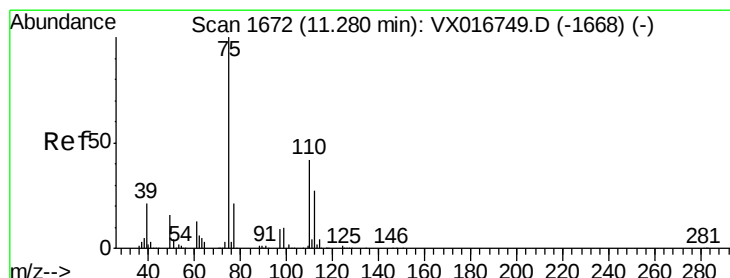
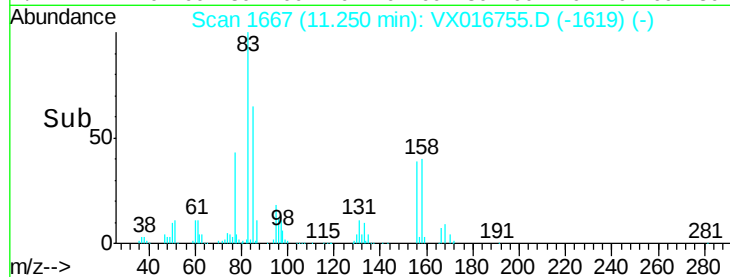
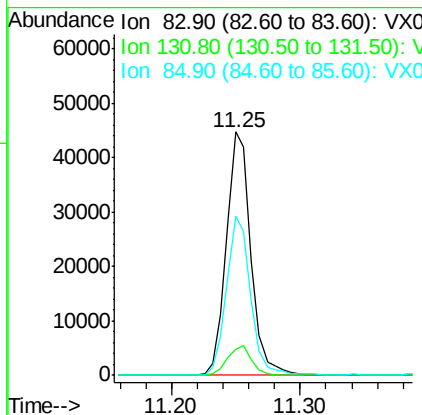
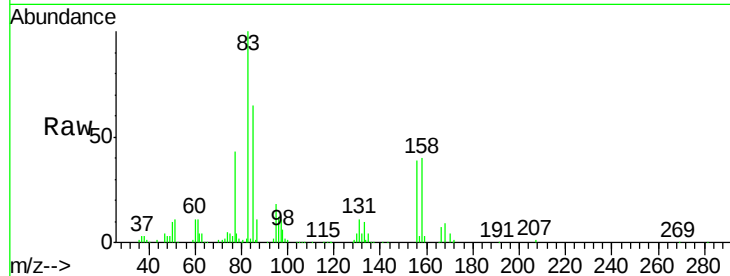
ClientSampleId :

VX0615WBSD01

Tot Ion:	83	Resp:	59934
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.7	17.0
85	64.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.409 ug/l m

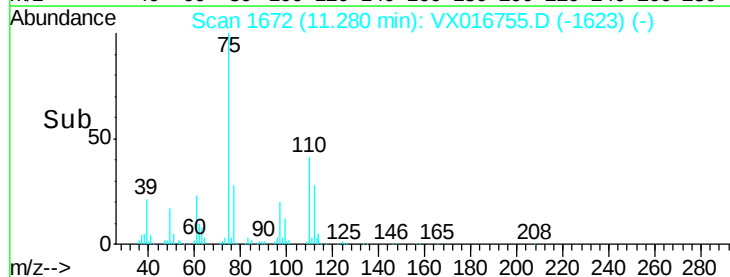
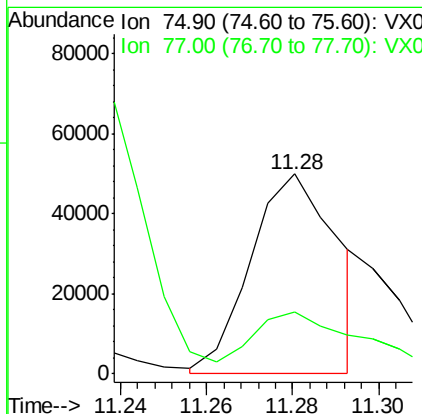
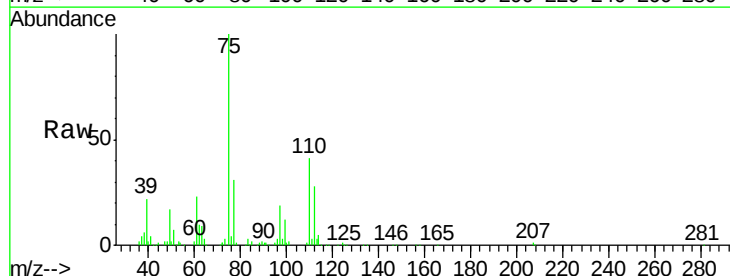
RT: 11.28 min Scan# 1672

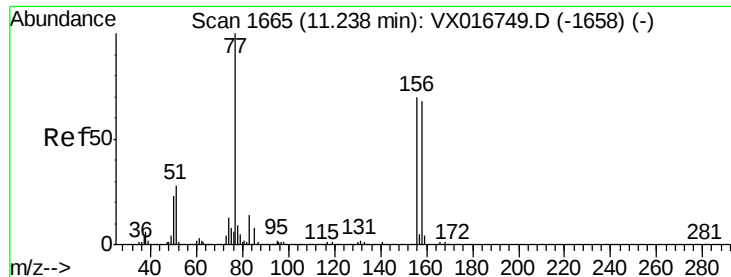
Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Tgt Ion:	75	Resp:	69688
Ion Ratio	Lower	Upper	
75	100		
77	39.9	20.3	60.9





#77

Bromobenzene

Concen: 17.384 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion:156 Resp: 57978

Ion Ratio Lower Upper

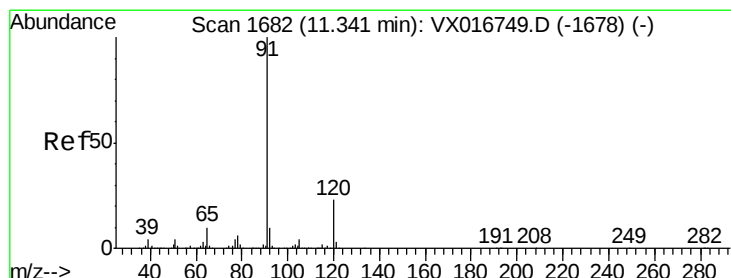
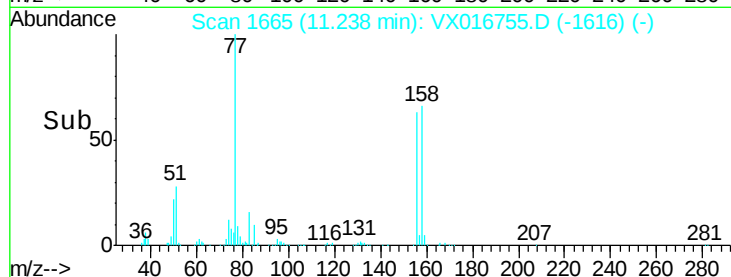
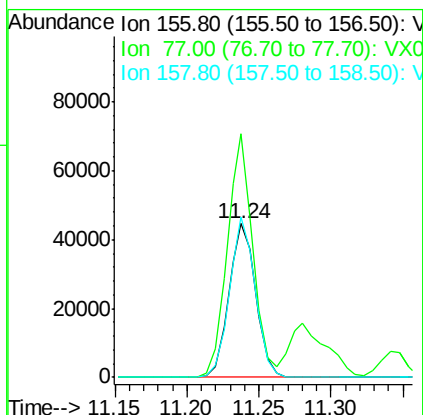
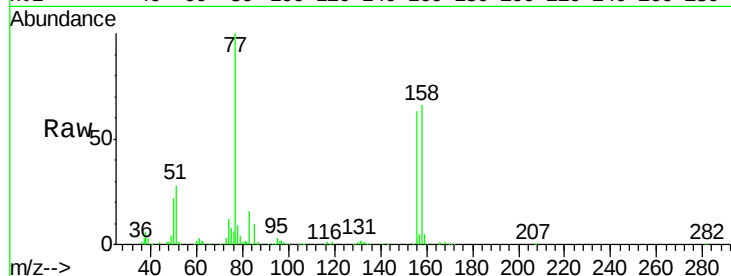
156 100

77 151.5 73.2 219.6

158 100.9 48.8 146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 18.907 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016755.D

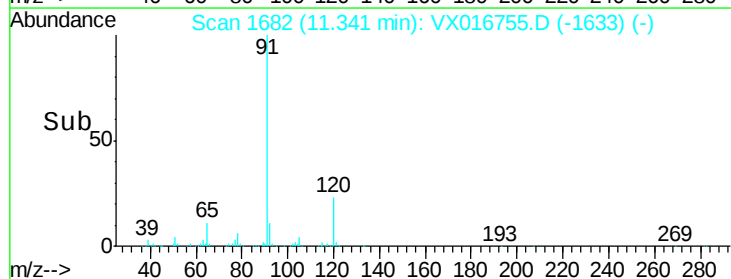
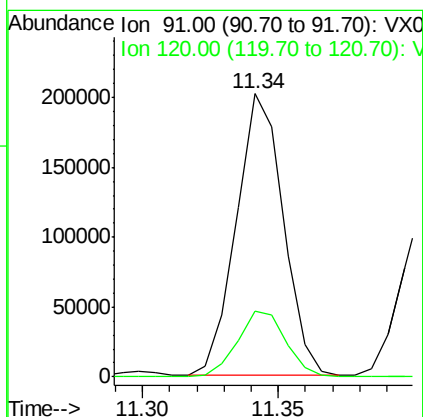
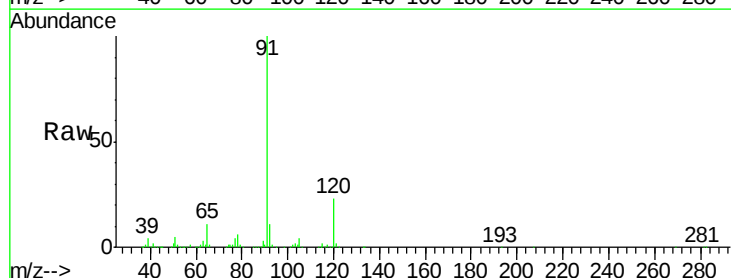
Acq: 15 Jun 2020 15:47

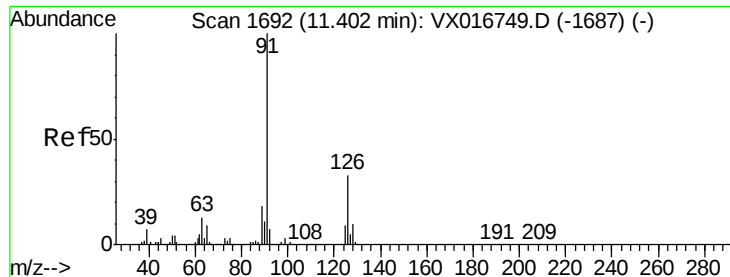
Tgt Ion: 91 Resp: 242522

Ion Ratio Lower Upper

91 100

120 24.0 12.0 36.0





#79

2-Chlorotoluene

Concen: 18.478 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion: 91 Resp: 149882

Ion Ratio Lower Upper

91 100

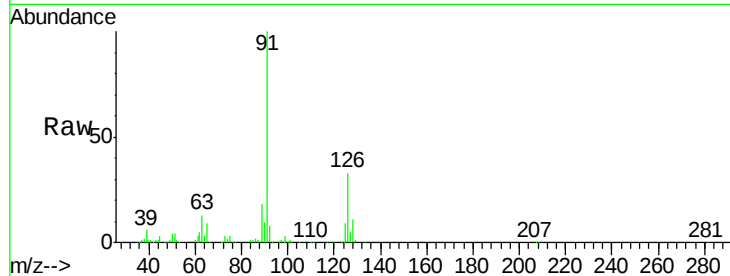
126 33.6 17.2 51.5

Manual Integrations

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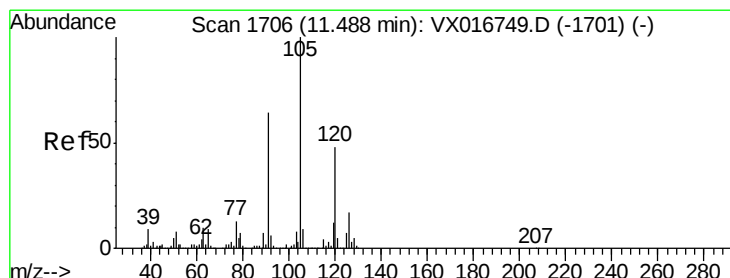
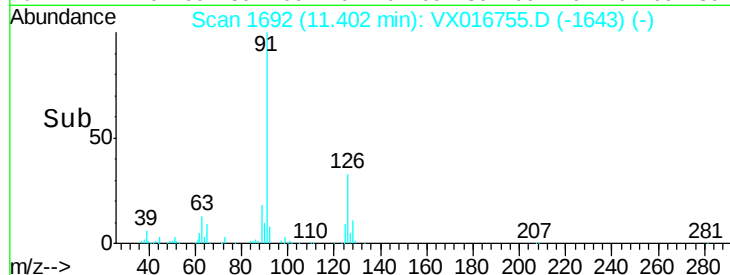
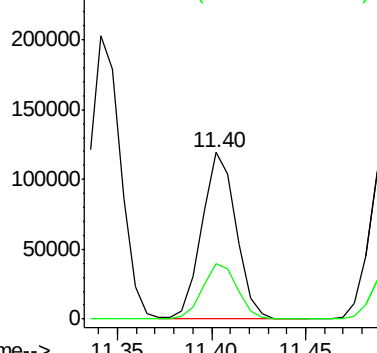
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.351 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016755.D

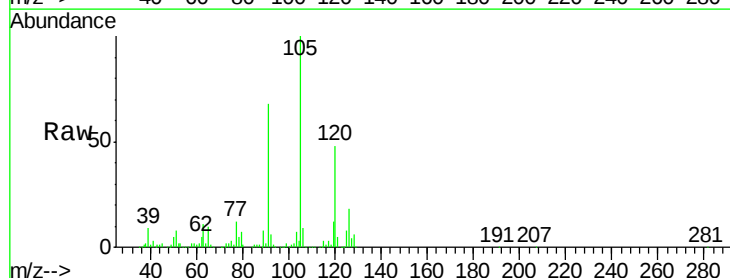
Acq: 15 Jun 2020 15:47

Tgt Ion:105 Resp: 191606

Ion Ratio Lower Upper

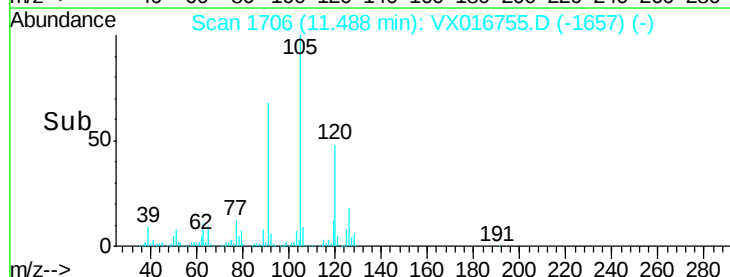
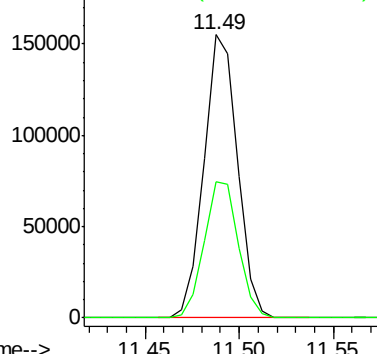
105 100

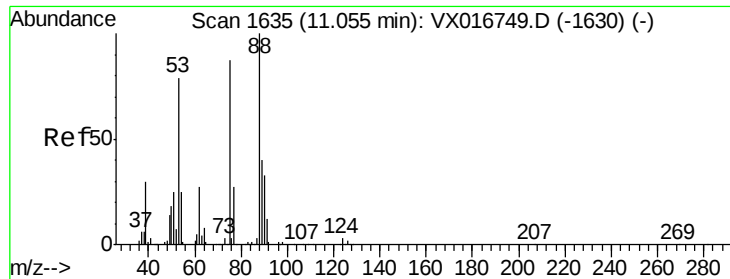
120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





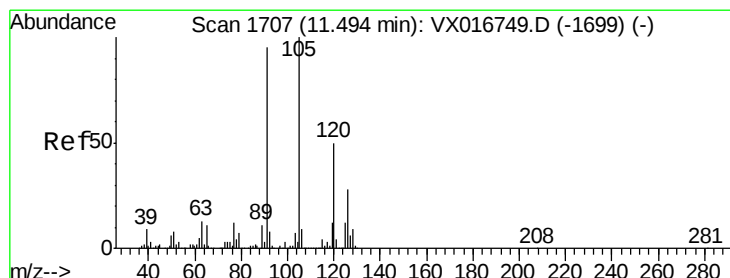
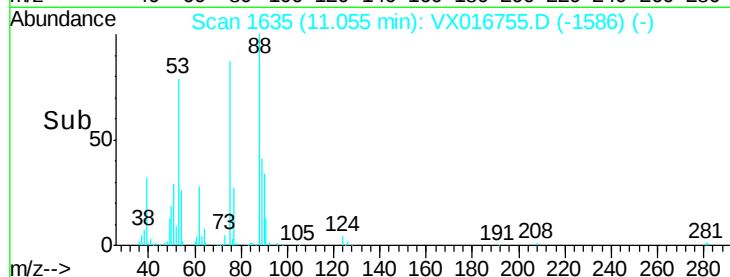
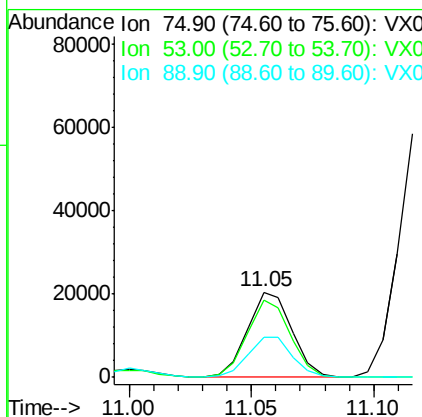
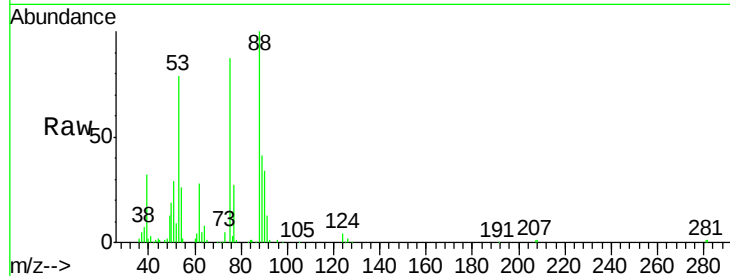
#81
trans-1,4-Dichloro-2-butene
Concen: 17.243 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	71.4	107.0
89	47.9	39.1	58.7

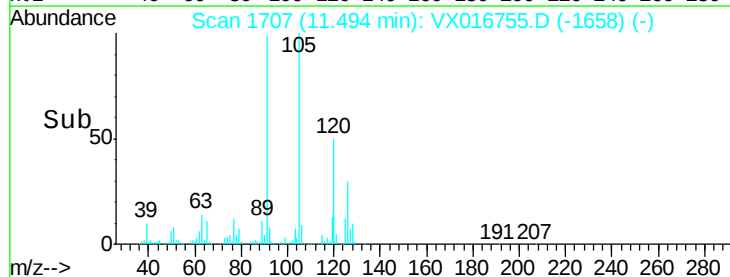
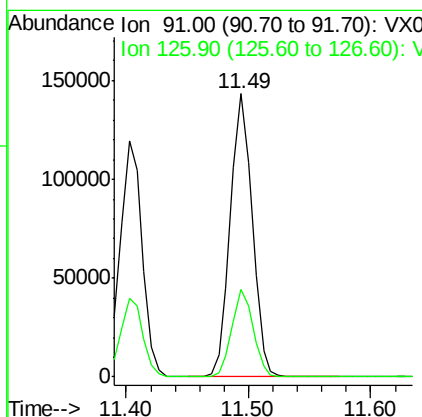
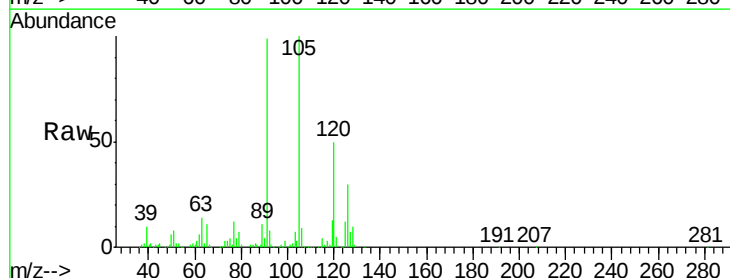
Manual Integrations
APPROVED

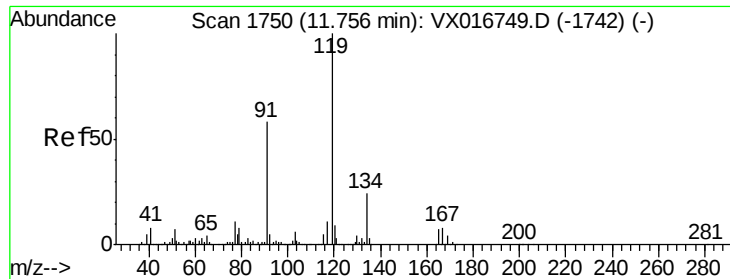
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#82
4-Chlorotoluene
Concen: 18.705 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.2	45.6





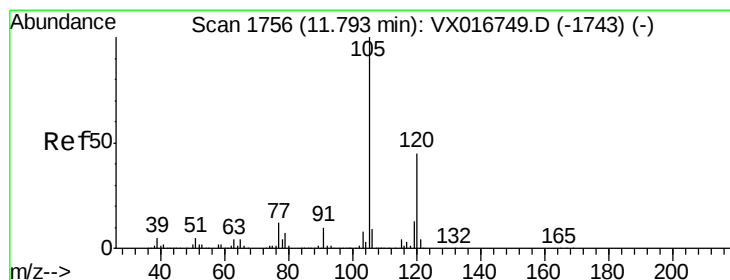
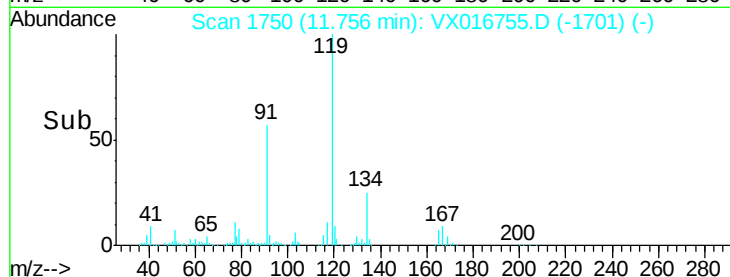
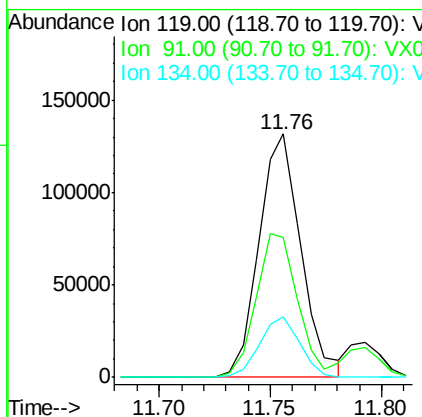
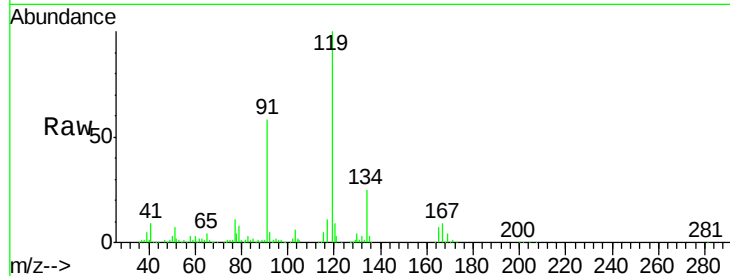
#83
tert-Butylbenzene
Concen: 19.024 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampled :
VX0615WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172359		
91	58.4	29.3	88.0	
134	23.8	11.8	35.3	

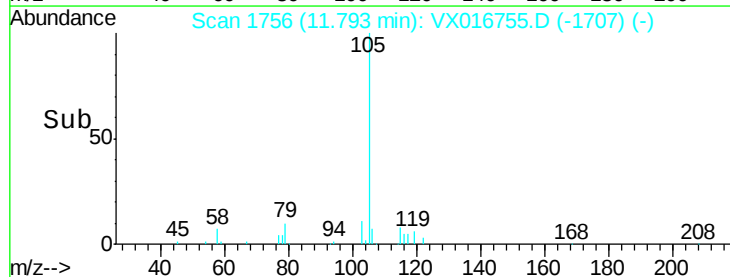
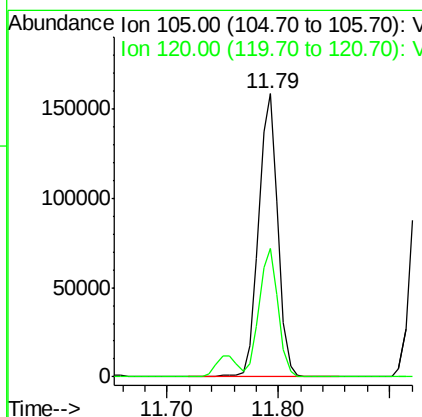
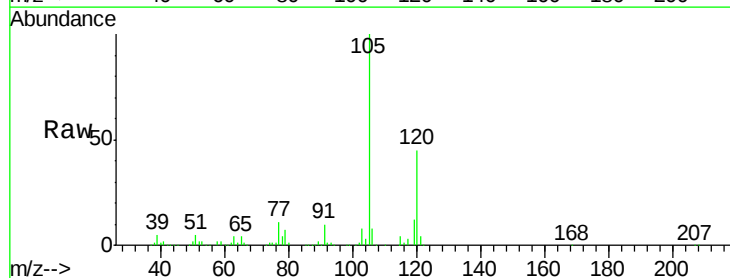
Manual Integrations
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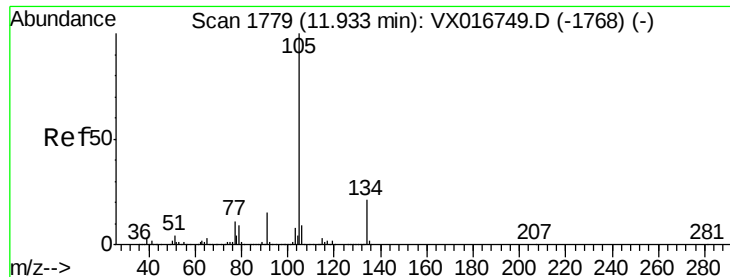
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#84
1,2,4-Trimethylbenzene
Concen: 19.106 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191376		
120	44.7	22.6	67.8	





#85

sec-Butylbenzene

Concen: 19.260 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tot Ion:105 Resp: 204112

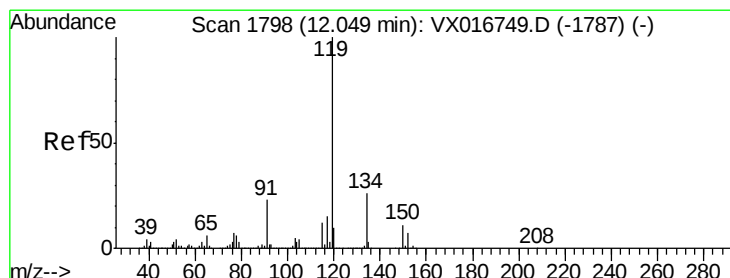
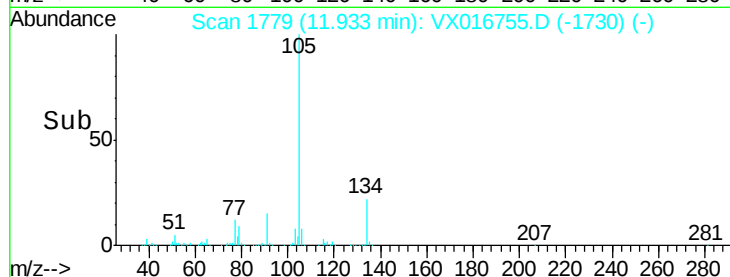
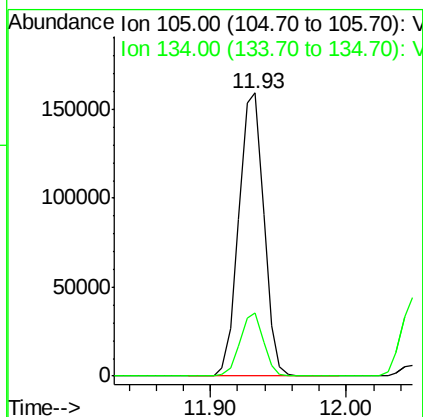
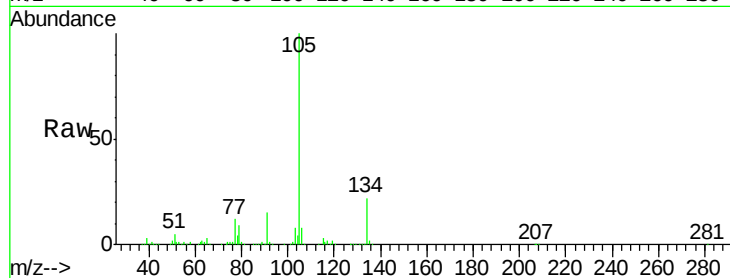
Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.335 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016755.D

Acq: 15 Jun 2020 15:47

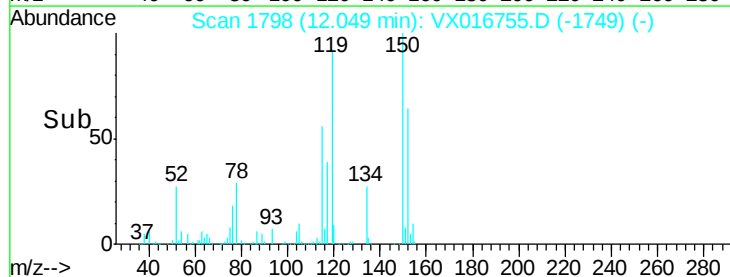
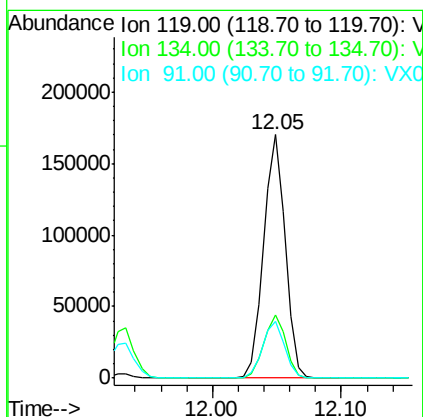
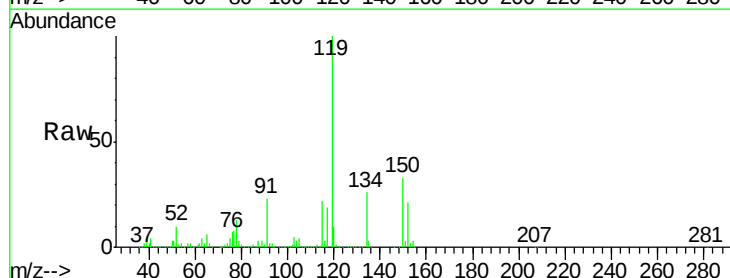
Tgt Ion:119 Resp: 196609

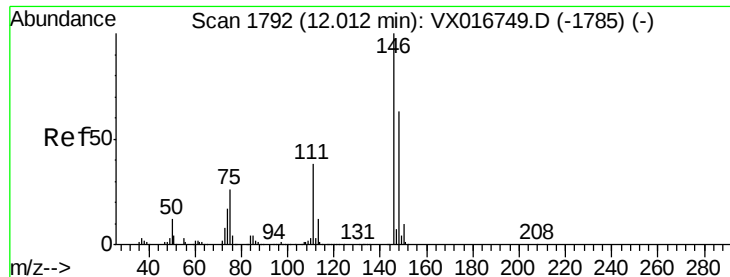
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 23.9 11.6 34.7





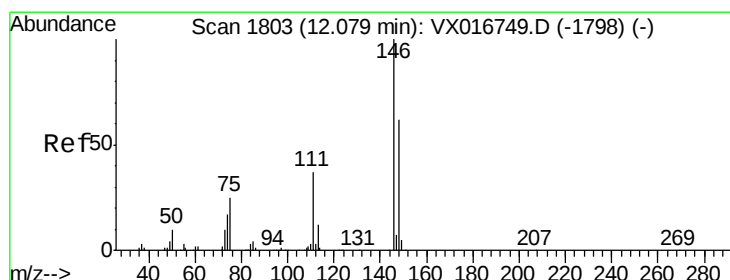
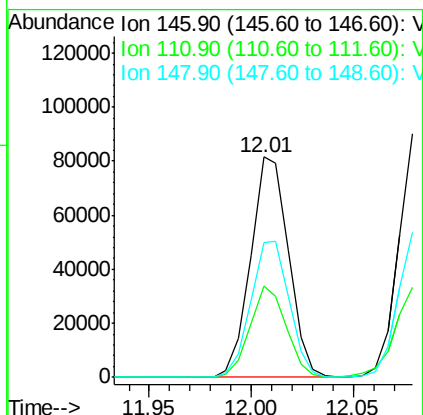
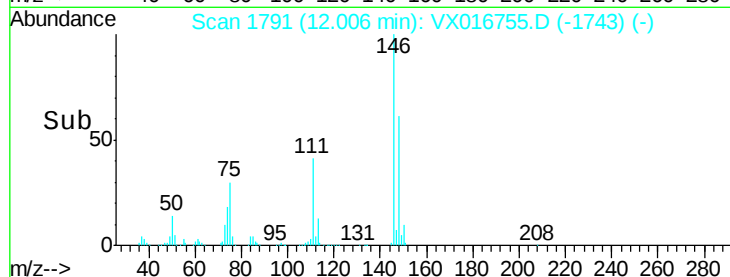
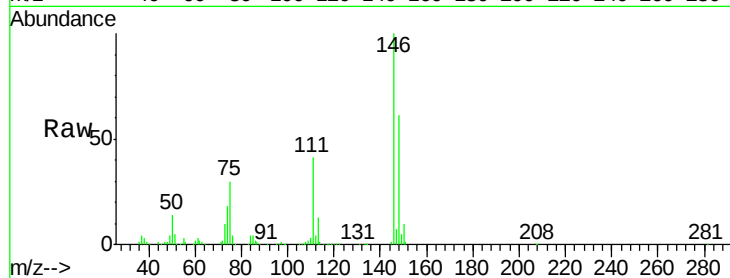
#87
 1,3-Dichlorobenzene
 Concen: 18.751 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	62.9	31.9	95.7

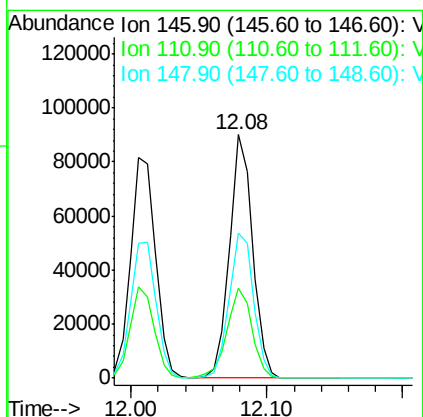
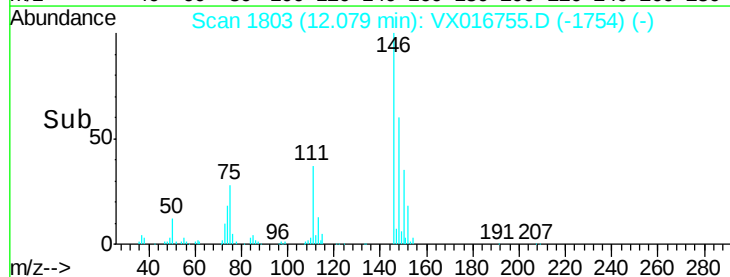
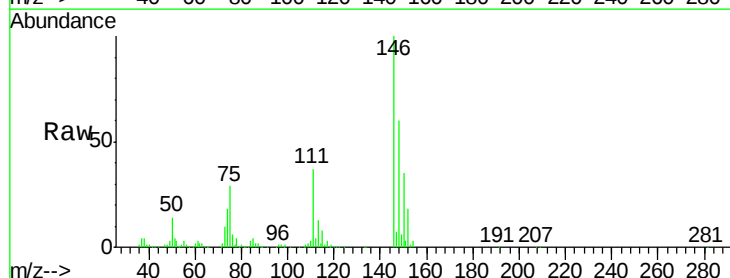
Manual Integrations
 APPROVED

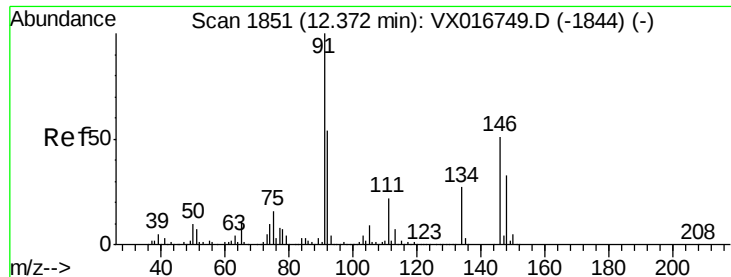
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#88
 1,4-Dichlorobenzene
 Concen: 18.224 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	63.2	32.1	96.5





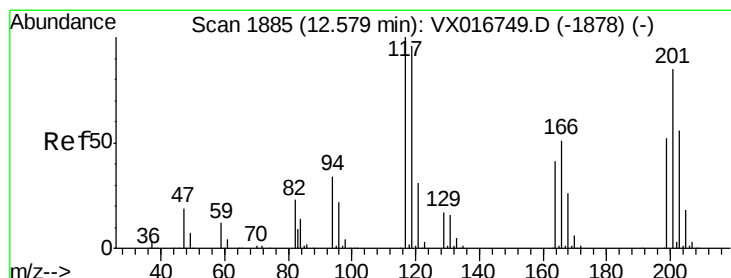
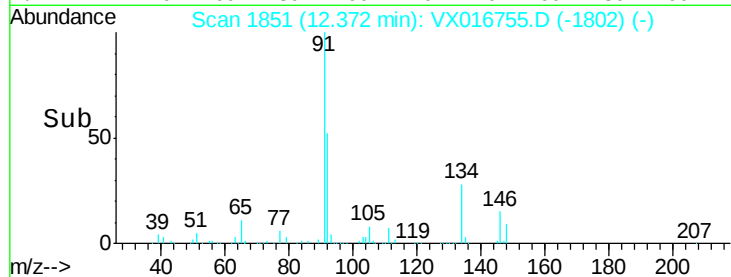
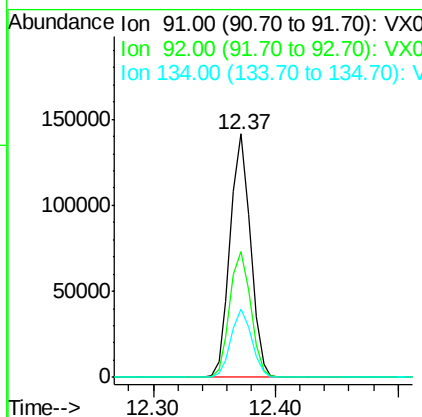
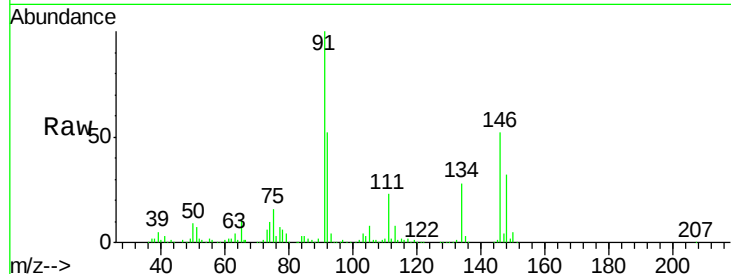
#89
n-Butylbenzene
Concen: 19.351 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	27.0	80.8	
134	28.2	13.7	41.0	

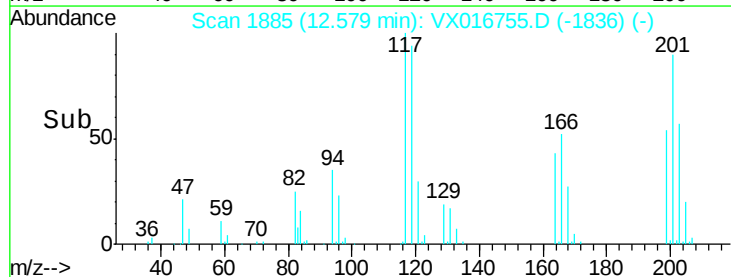
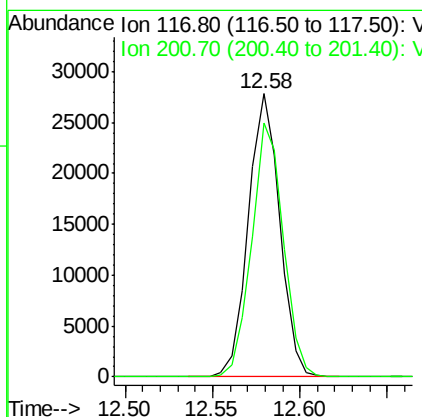
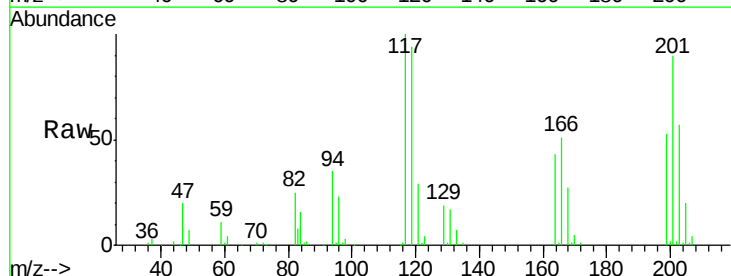
Manual Integrations
APPROVED

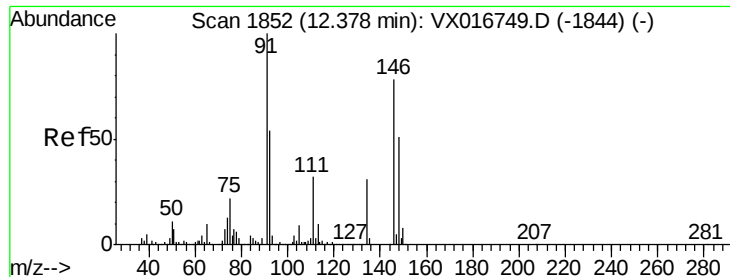
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#90
Hexachloroethane
Concen: 18.453 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.6	45.6	136.9	





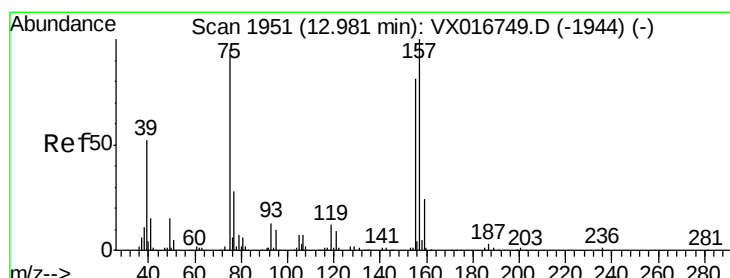
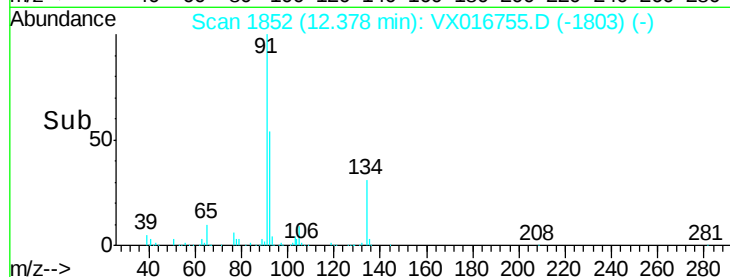
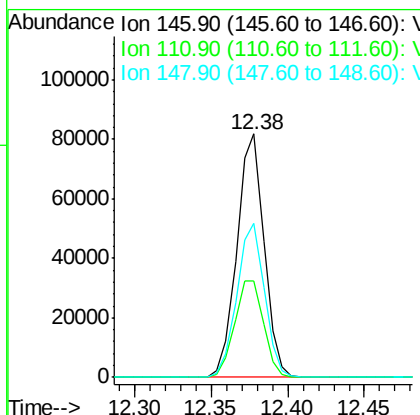
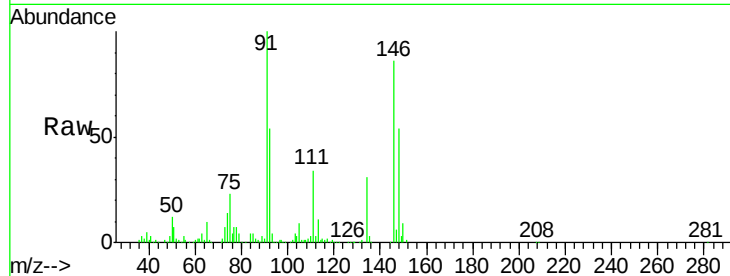
#91
 1,2-Dichlorobenzene
 Concen: 17.858 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100690		
111	42.2	20.8	62.2	
148	64.0	32.1	96.5	

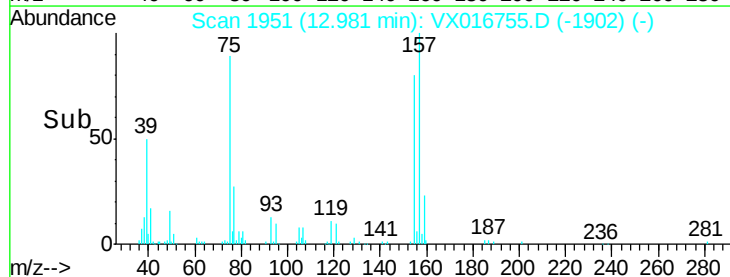
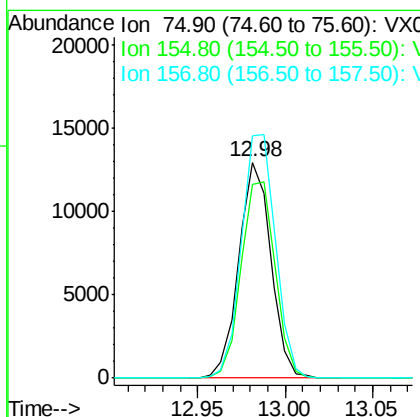
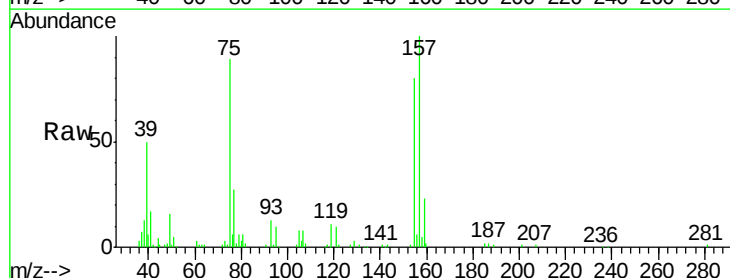
Manual Integrations
 APPROVED

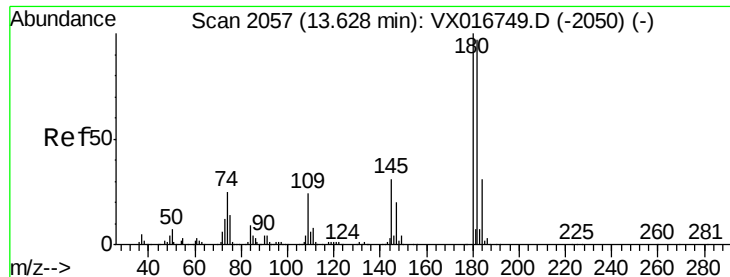
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.026 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16543		
155	96.3	46.9	140.7	
157	119.2	59.6	178.7	





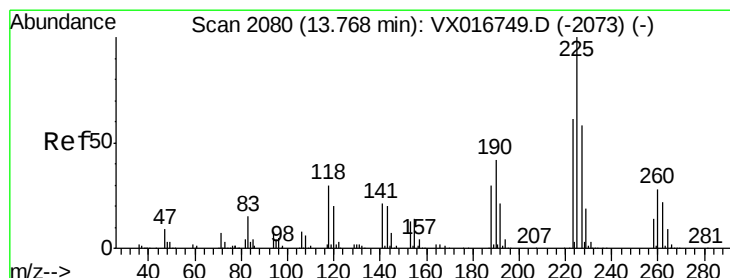
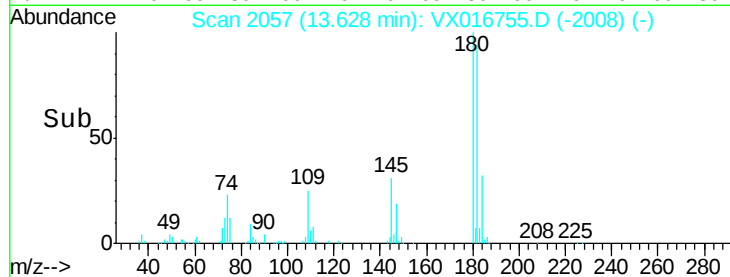
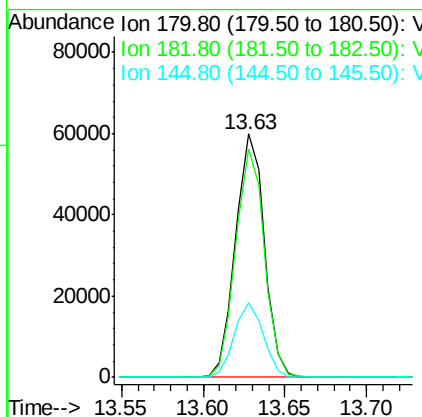
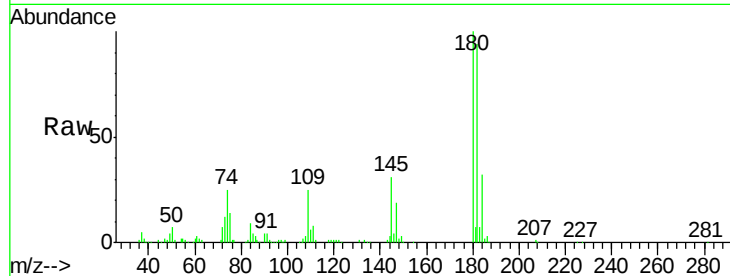
#93
 1,2,4-Trichlorobenzene
 Concen: 18.705 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	73859		
182	93.6	48.6	145.8	
145	30.9	15.4	46.4	

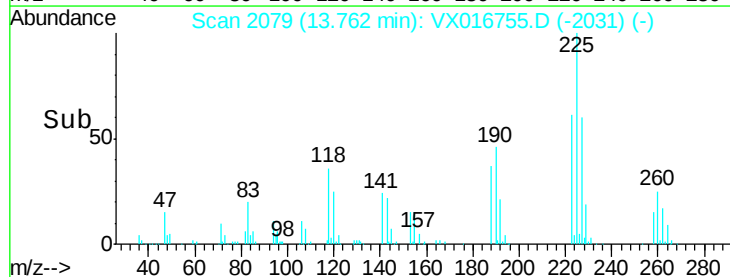
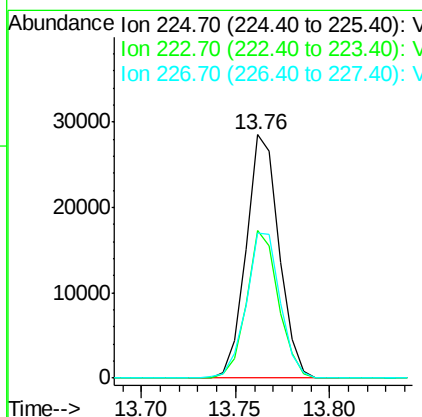
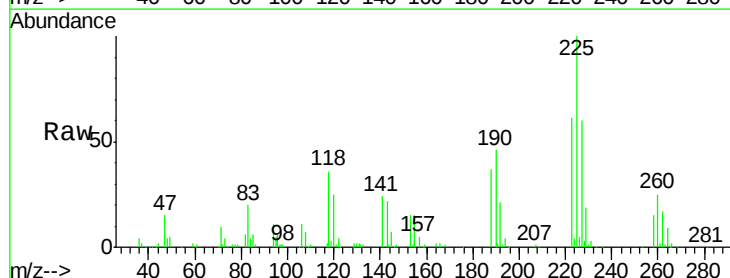
Manual Integrations
 APPROVED

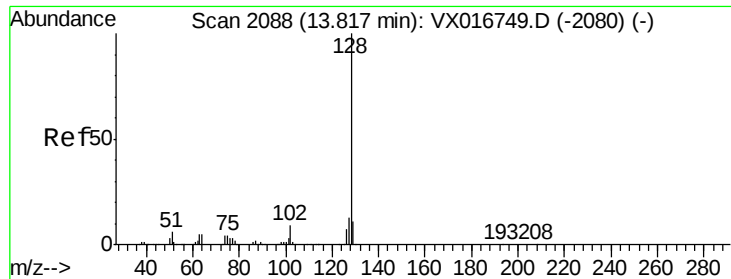
MMDadoda
 6/16/2020 3:23:20 PM



#94
 Hexachlorobutadiene
 Concen: 20.097 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016755.D
 Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34486		
223	58.5	31.1	93.5	
227	61.6	30.9	92.7	





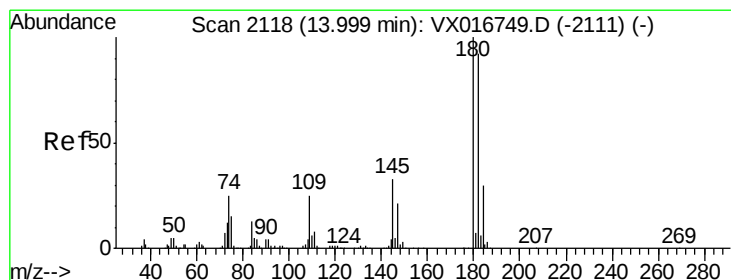
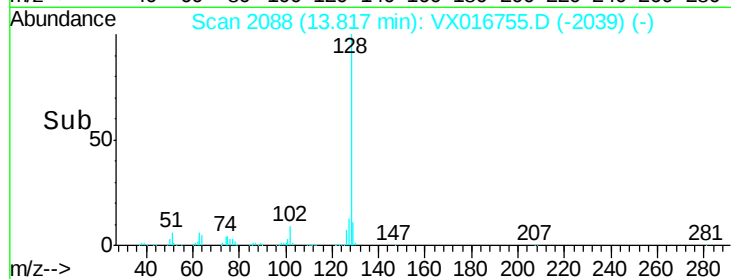
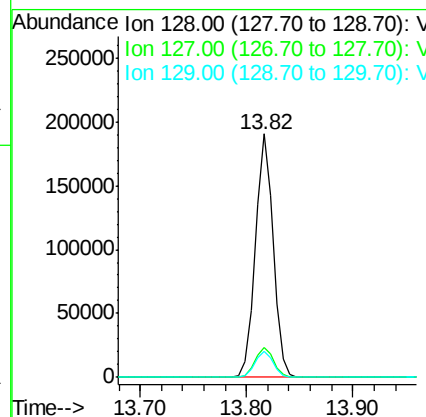
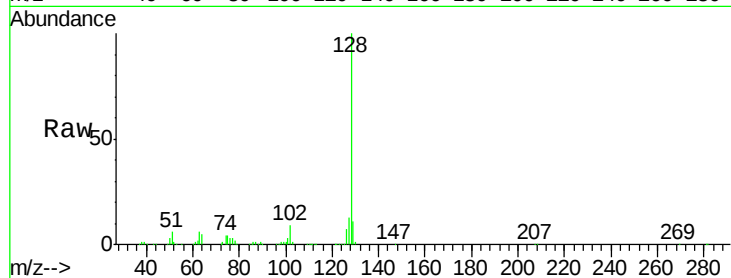
#95
Naphthalene
Concen: 18.107 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.254 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016755.D
Acq: 15 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.1	141.4
145	32.8	15.9	47.7

