

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018959.D
 Acq On : 19 Oct 2020 17:59
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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 10/20/2020 4:52:05 PM

Quant Time: Oct 19 18:30:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	114630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	192860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	174452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	91229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	137693	87.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.66%	
35) Dibromofluoromethane	5.46	113	125169	97.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.28%	
50) Toluene-d8	8.70	98	483191	100.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.50%	
62) 4-Bromofluorobenzene	11.12	95	167439	89.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	102265	77.028	ug/l	98
3) Chloromethane	1.31	50	101135	71.346	ug/l	98
4) Vinyl Chloride	1.39	62	142042	96.281	ug/l	99
5) Bromomethane	1.62	94	94283	114.522	ug/l	99
6) Chloroethane	1.70	64	103473	123.136	ug/l	98
7) Trichlorofluoromethane	1.91	101	240380	114.786	ug/l	99
8) Diethyl Ether	2.17	74	93447	126.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	126908	111.319	ug/l	99
10) Methyl Iodide	2.49	142	139082	130.994	ug/l	97
11) Tert butyl alcohol	3.03	59	152367	480.598	ug/l	100
12) 1,1-Dichloroethene	2.35	96	137029	115.189	ug/l	99
13) Acrolein	2.27	56	104412	707.459	ug/l	100
14) Allyl chloride	2.70	41	157994	80.773	ug/l	99
15) Acrylonitrile	3.12	53	294271	425.227	ug/l	99
16) Acetone	2.42	43	246150	399.886	ug/l	99
17) Carbon Disulfide	2.54	76	302195	89.070	ug/l	99
18) Methyl Acetate	2.75	43	127104	85.826	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	369977	96.372	ug/l	100
20) Methylene Chloride	2.83	84	123303	87.952	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	133532	105.693	ug/l	94
22) Diisopropyl ether	3.83	45	314608	81.317	ug/l	98
23) Vinyl Acetate	3.79	43	1538190	442.202	ug/l	97
24) 1,1-Dichloroethane	3.67	63	216165	95.310	ug/l	99
25) 2-Butanone	4.64	43	424565	421.765	ug/l	99
26) 2,2-Dichloropropane	4.55	77	202676	106.766	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	153979	105.003	ug/l	98
28) Bromochloromethane	4.98	49	91894	85.182	ug/l	90
29) Tetrahydrofuran	5.09	42	250097	395.873	ug/l	97
30) Chloroform	5.18	83	239123	100.829	ug/l	100
31) Cyclohexane	5.54	56	174393	92.163	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	219694	100.941	ug/l	98
36) 1,1-Dichloropropene	5.77	75	180273	101.488	ug/l	98
37) Ethyl Acetate	4.79	43	169060	83.942	ug/l	98
38) Carbon Tetrachloride	5.75	117	194257	98.041	ug/l	97

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Manual Integrations
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Quant Time: Oct 19 18:30:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202583	104.423	ug/l	96
40) Benzene	6.11	78	536752	102.331	ug/l	100
41) Methacrylonitrile	5.01	41	87273	79.346	ug/l	98
42) 1,2-Dichloroethane	6.16	62	178504	90.285	ug/l	99
43) Isopropyl Acetate	6.41	43	276870	85.123	ug/l	98
44) Trichloroethene	7.19	130	153232	104.556	ug/l	91
45) 1,2-Dichloropropane	7.49	63	129903	93.769	ug/l	98
46) Dibromomethane	7.63	93	96602	98.186	ug/l	94
47) Bromodichloromethane	7.87	83	193969	99.006	ug/l	99
48) Methyl methacrylate	7.74	41	128446	80.115	ug/l	98
49) 1,4-Dioxane	7.71	88	62342	2080.621	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	816971	409.485	ug/l	99
52) Toluene	8.77	92	352682	105.453	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	217522	99.452	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	232295	100.486	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	139510	99.033	ug/l	96
56) Ethyl methacrylate	9.16	69	209270	99.769	ug/l	98
57) 1,3-Dichloropropane	9.35	76	225841	97.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	549886	566.143	ug/l	98
59) 2-Hexanone	9.48	43	619693	409.539	ug/l	98
60) Dibromochloromethane	9.57	129	164636	100.310	ug/l	99
61) 1,2-Dibromoethane	9.65	107	149597	97.802	ug/l	98
64) Tetrachloroethene	9.32	164	131883	103.931	ug/l	98
65) Chlorobenzene	10.12	112	376848	107.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	144374	105.836	ug/l	99
67) Ethyl Benzene	10.23	91	649637	109.039	ug/l	99
68) m/p-Xylenes	10.34	106	521683	233.522	ug/l	98
69) o-Xylene	10.68	106	249674	114.833	ug/l	98
70) Styrene	10.70	104	421971	114.678	ug/l	99
71) Bromoform	10.84	173	124730	107.679	ug/l #	97
73) Isopropylbenzene	11.00	105	660254	109.664	ug/l	99
74) N-amyl acetate	10.88	43	227866	83.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	204848	96.687	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	183876m	91.686	ug/l	
77) Bromobenzene	11.24	156	170441	103.388	ug/l	93
78) n-propylbenzene	11.34	91	732008	106.912	ug/l	100
79) 2-Chlorotoluene	11.40	91	421000	100.359	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	552408	111.224	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	76755	102.055	ug/l	99
82) 4-Chlorotoluene	11.49	91	509264	101.949	ug/l	99
83) tert-Butylbenzene	11.76	119	553477	112.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	546354	107.686	ug/l	98
85) sec-Butylbenzene	11.93	105	635649	113.034	ug/l	99
86) p-Isopropyltoluene	12.05	119	605512	117.766	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	308905	105.575	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	315652	107.108	ug/l	99
89) n-Butylbenzene	12.37	91	535270	113.556	ug/l	99
90) Hexachloroethane	12.58	117	100678	102.110	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	295392	106.885	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48227	92.046	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	208285	113.005	ug/l	98
94) Hexachlorobutadiene	13.76	225	82032	111.381	ug/l	92
95) Naphthalene	13.82	128	715164	117.125	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	207085	113.482	ug/l	99

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

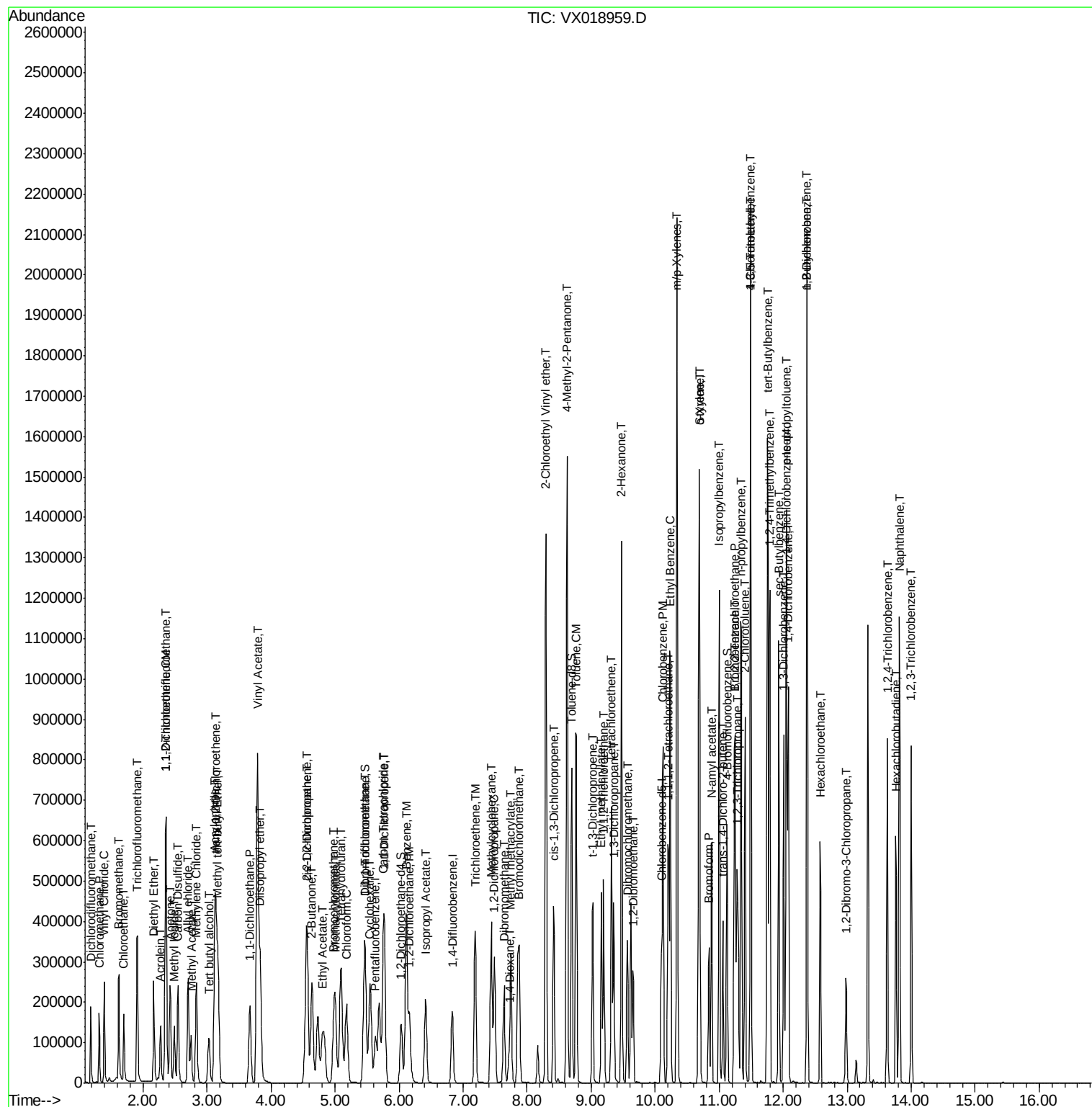
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 Data File : VX018959.D
 Acq On : 19 Oct 2020 17:59
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

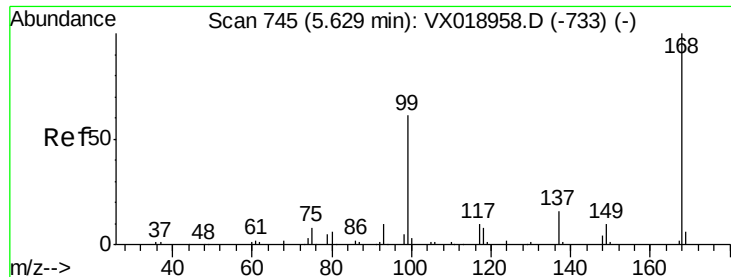
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

Manual Integrations
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Quant Time: Oct 19 18:30:34 2020
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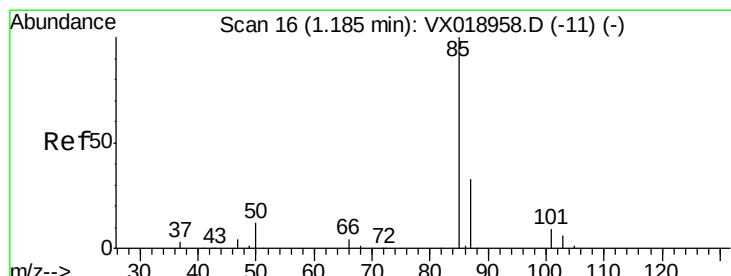
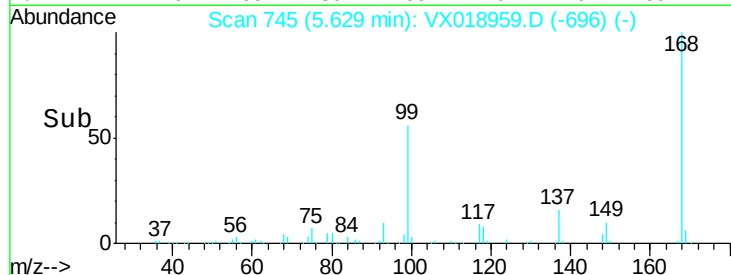
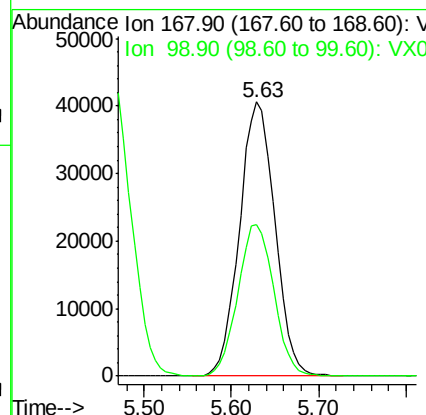
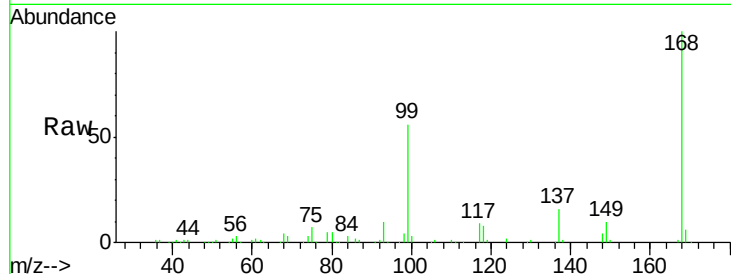
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		114630		
99	55.4		48.5	72.7	

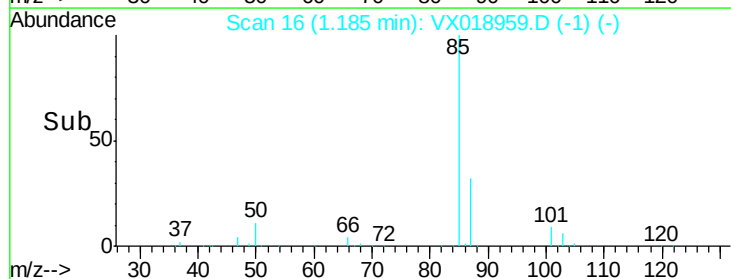
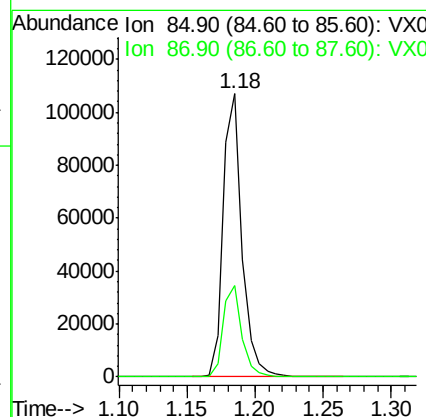
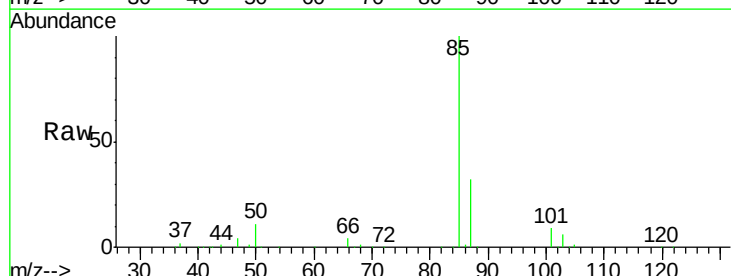
Manual Integrations
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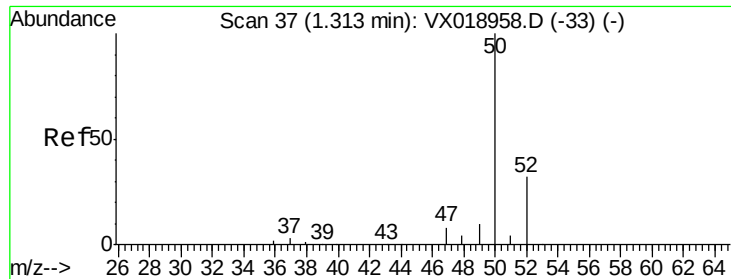
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#2
Dichlorodifluoromethane
Concen: 77.028 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		102265		
87	32.1		16.5	49.5	





#3

Chloromethane

Concen: 71.346 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tot Ion: 50 Resp: 101135

Ion Ratio Lower Upper

50 100

52 33.7 25.9 38.9

Instrument :

MSVOA_X

ClientSampleId :

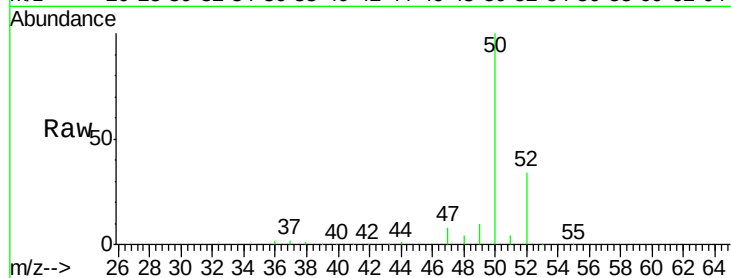
VSTDIC100

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

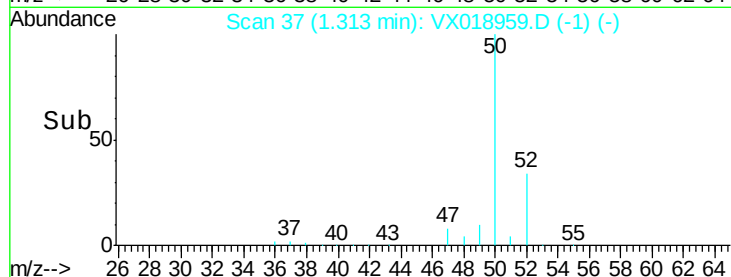
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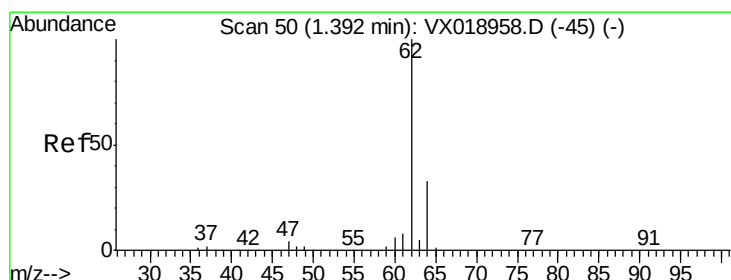
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0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 96.281 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018959.D

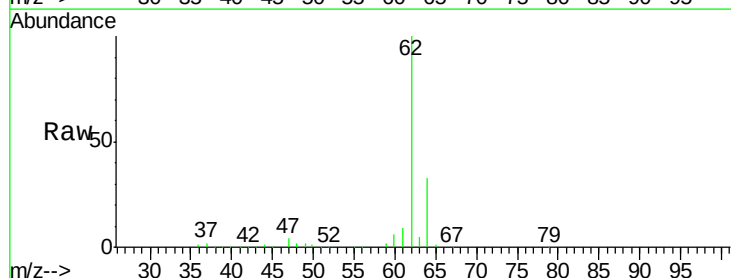
Acq: 19 Oct 2020 17:59

Tgt Ion: 62 Resp: 142042

Ion Ratio Lower Upper

62 100

64 32.8 26.7 40.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

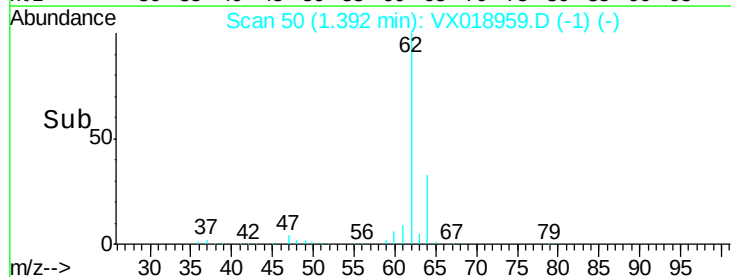
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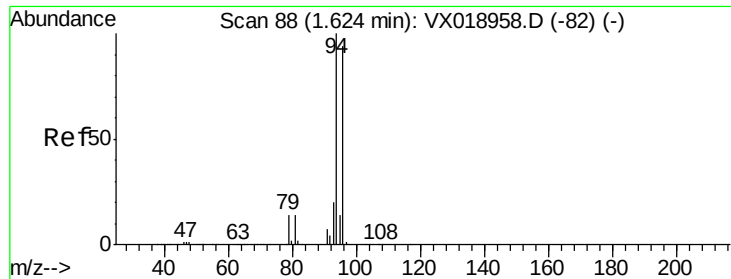
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0

Time-->



Time-->



#5

Bromomethane

Concen: 114.522 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 94283

Ion Ratio Lower Upper

94 100

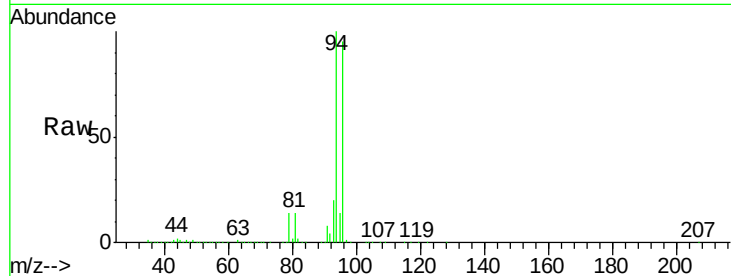
96 95.1 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

100000

80000

60000

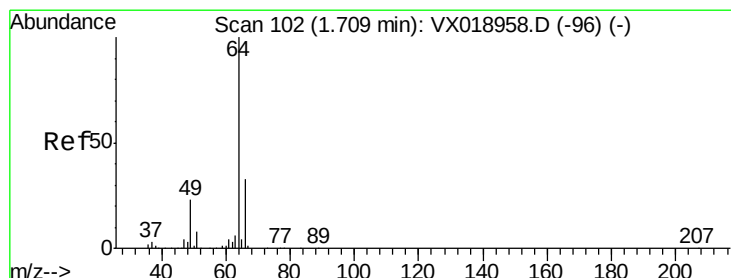
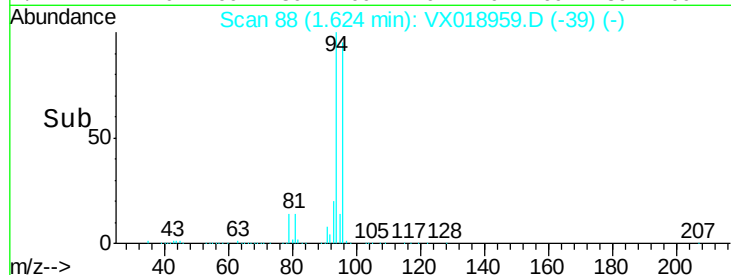
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 123.136 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX018959.D

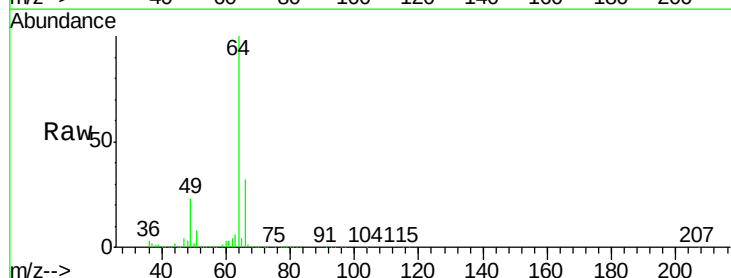
Acq: 19 Oct 2020 17:59

Tgt Ion: 64 Resp: 103473

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

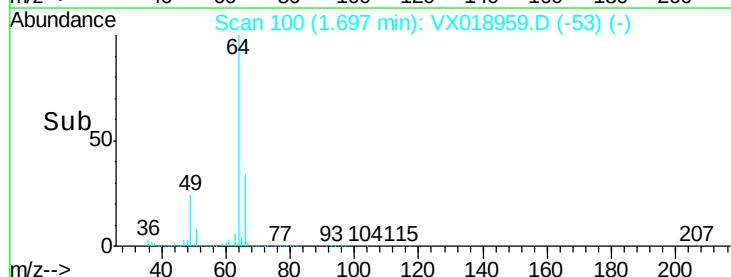
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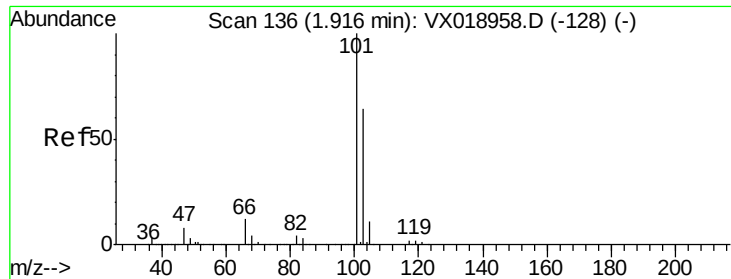
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1.60 1.70 1.80

Time-->





#7

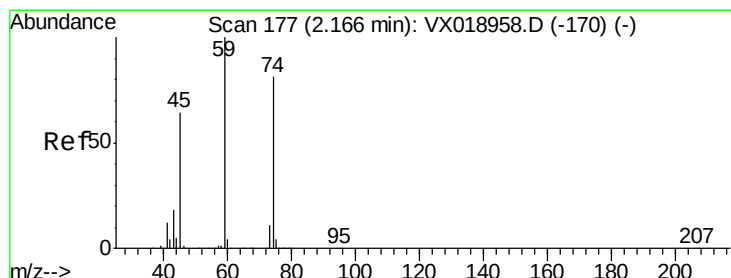
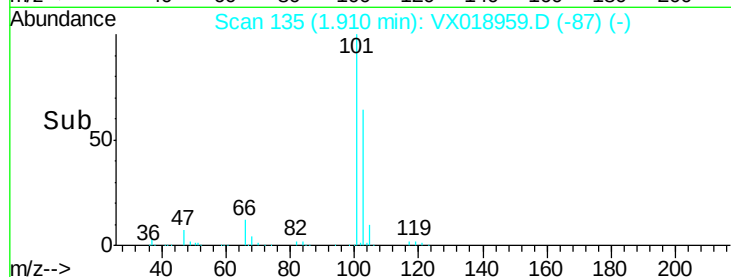
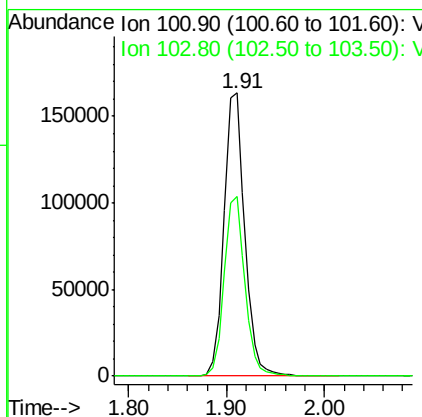
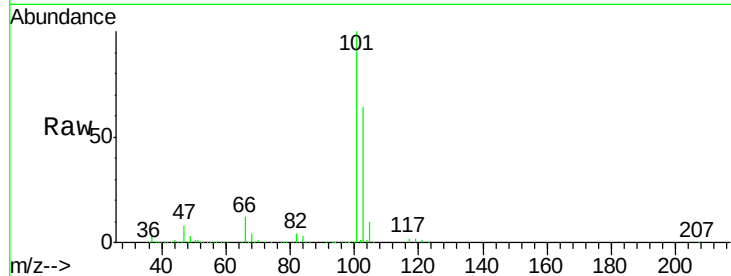
Trichlorofluoromethane
 Concen: 114.786 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.3	76.9

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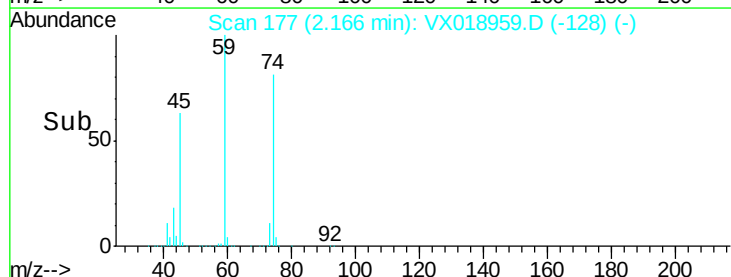
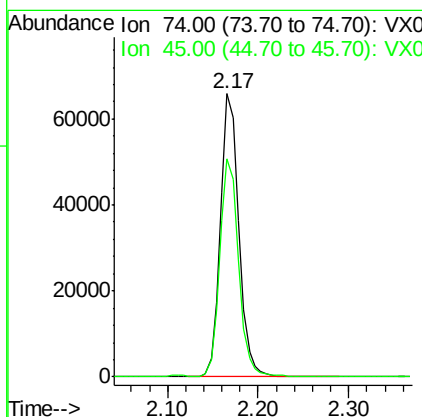
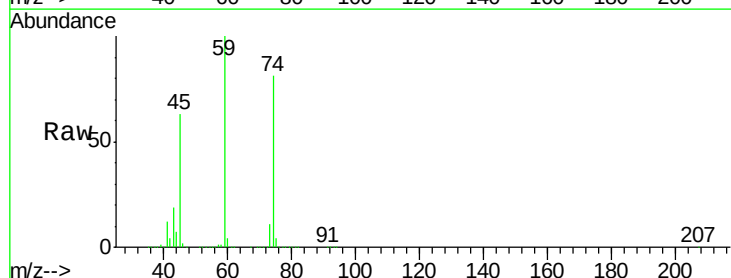
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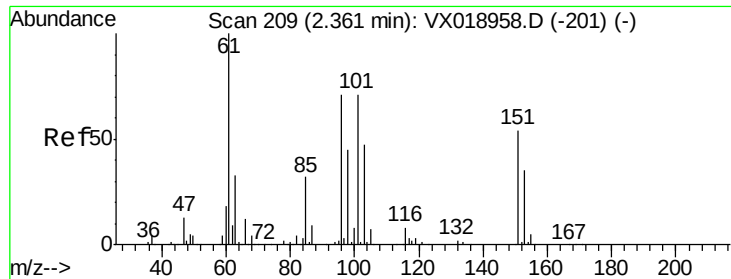


#8

Diethyl Ether
 Concen: 126.831 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.6	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 111.319 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018959.D

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MSVOA_X

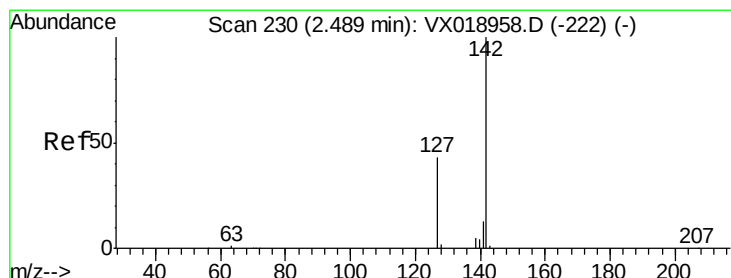
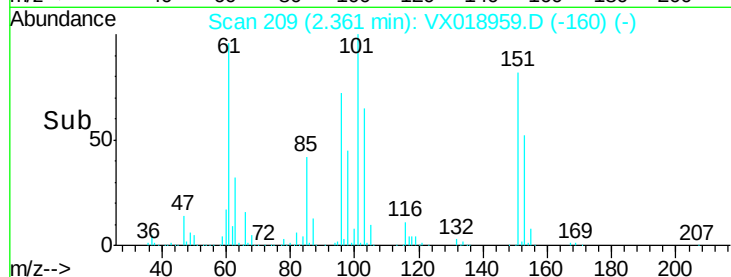
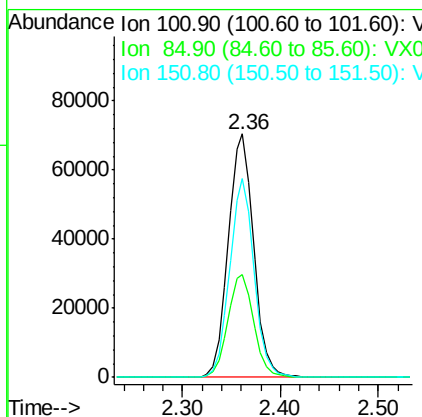
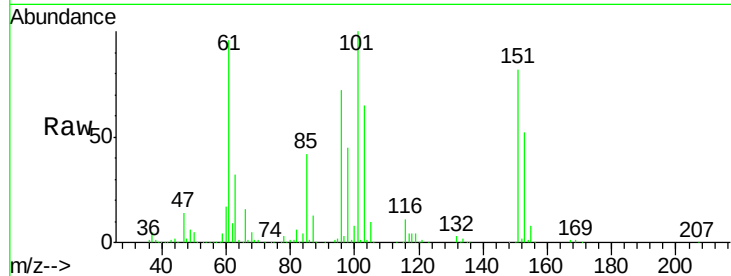
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	126908
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.1	52.7
151	78.6	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 130.994 ug/l

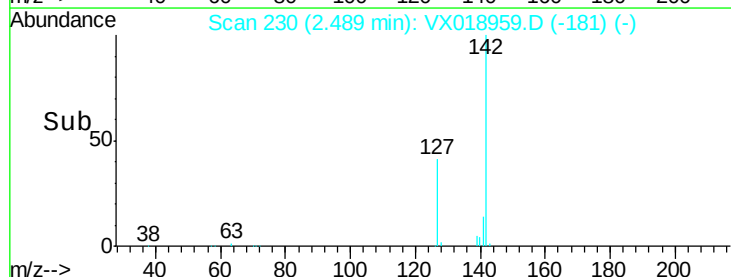
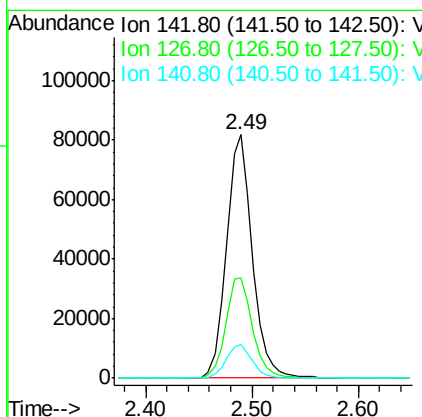
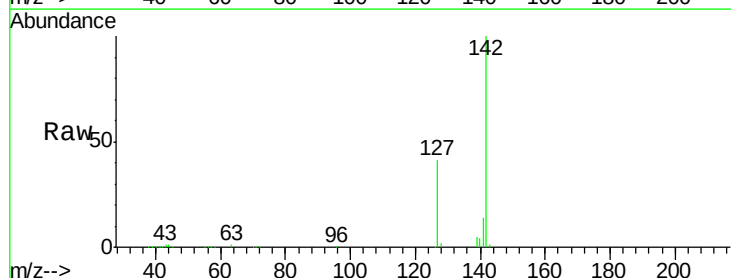
RT: 2.49 min Scan# 230

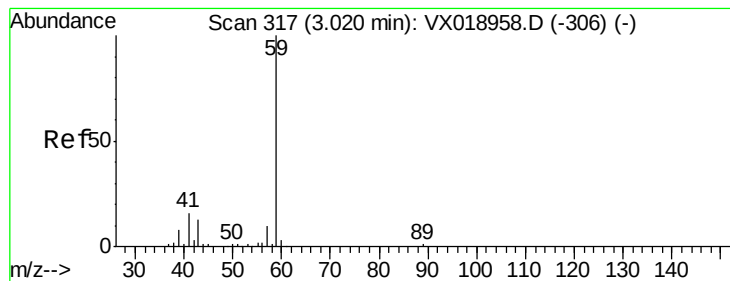
Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tgt Ion:	142	Resp:	139082
Ion Ratio	Lower	Upper	
142	100		
127	42.5	35.9	53.9
141	14.0	11.6	17.4





#11

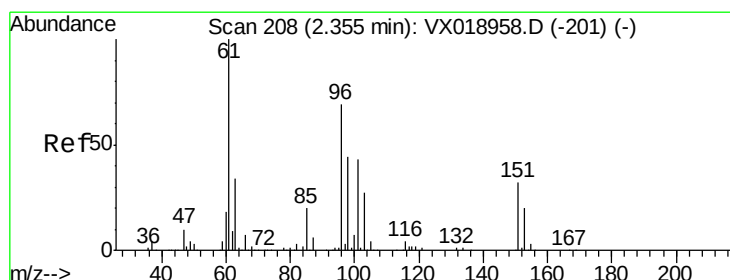
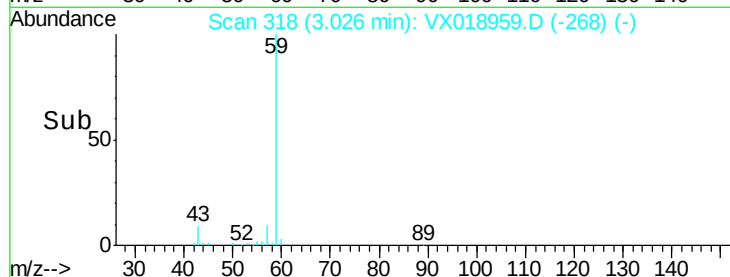
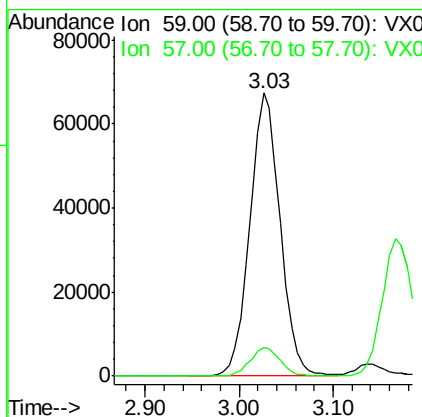
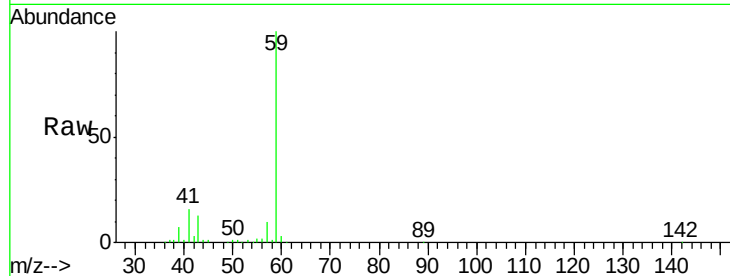
Tert butyl alcohol
Concen: 480.598 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

Manual Integrations
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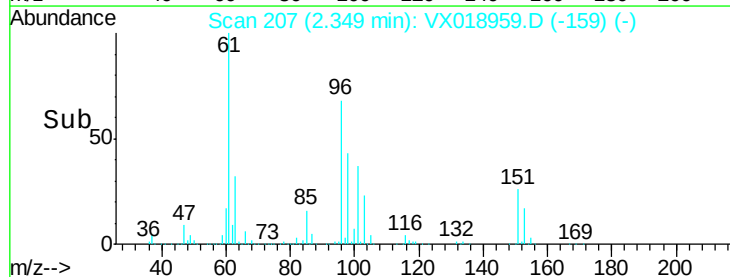
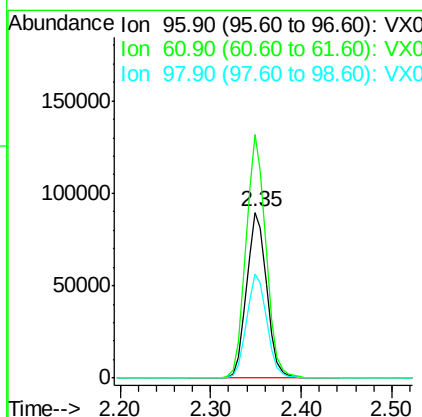
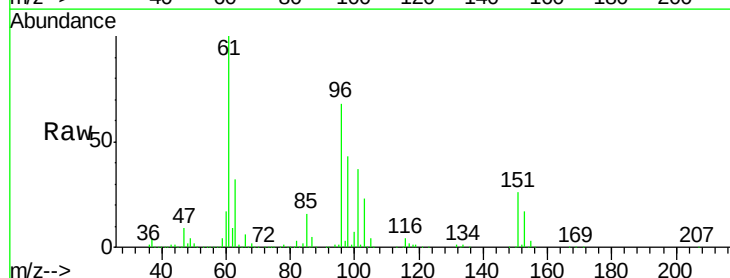
MMDadoda
10/20/2020 4:52:05 PM

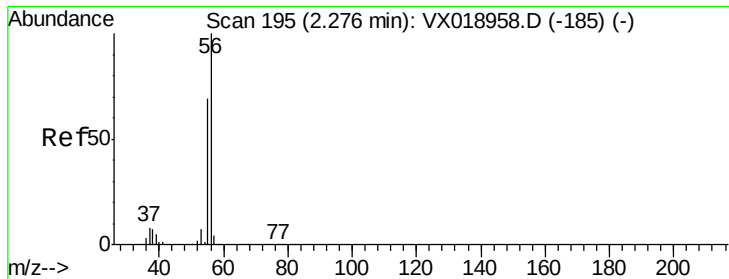


#12

1,1-Dichloroethene
Concen: 115.189 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.1	116.2	174.2
98	63.3	50.9	76.3





#13

Acrolein

Concen: 707.459 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 104412

Ion Ratio Lower Upper

56 100

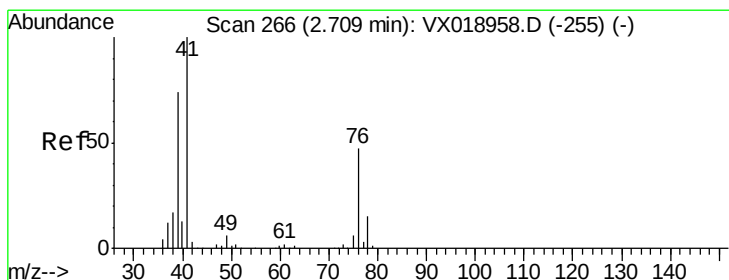
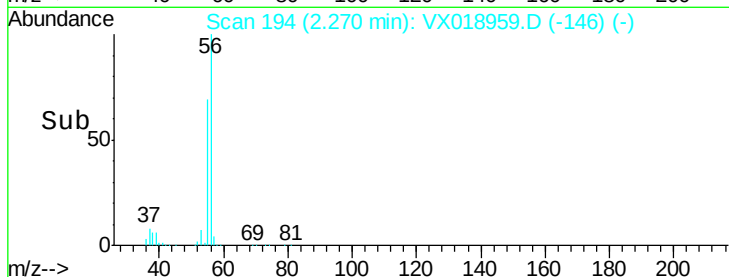
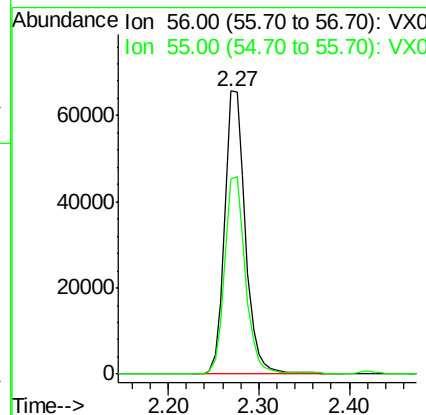
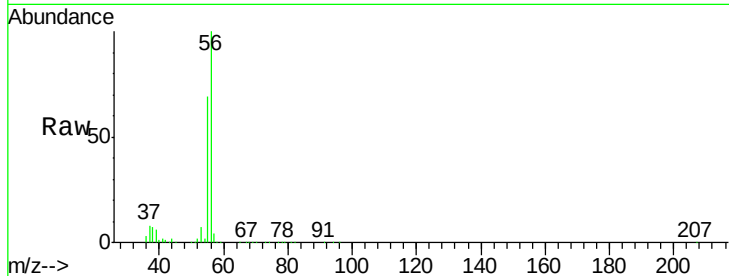
55 70.2 56.2 84.2

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 80.773 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

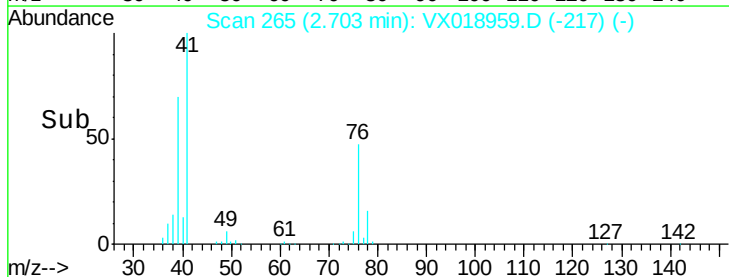
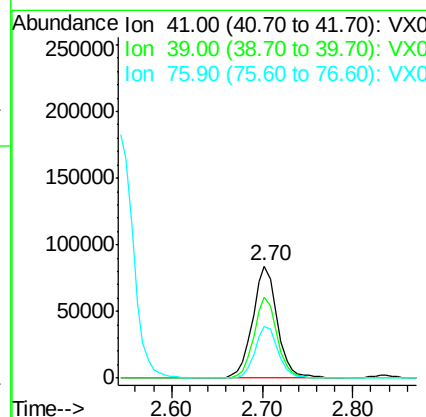
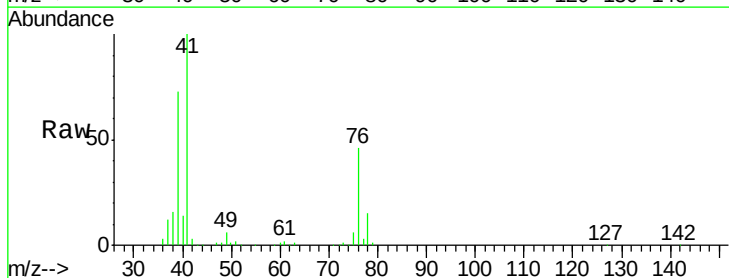
Tgt Ion: 41 Resp: 157994

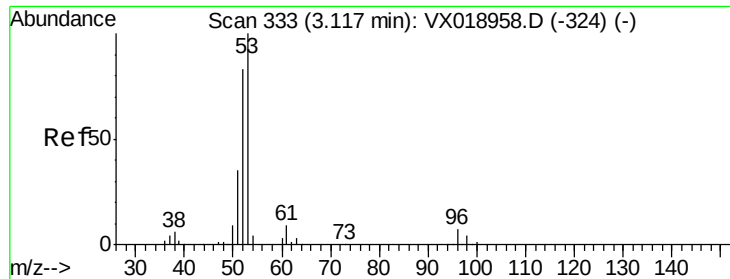
Ion Ratio Lower Upper

41 100

39 68.1 55.4 83.2

76 43.5 34.1 51.1





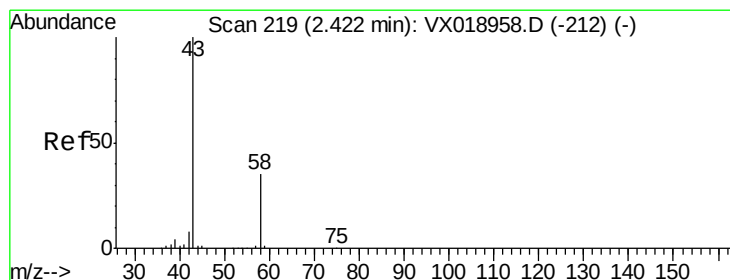
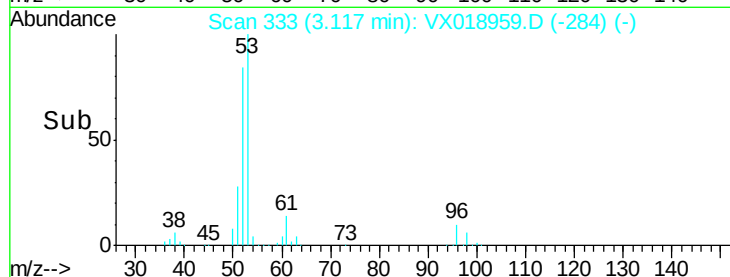
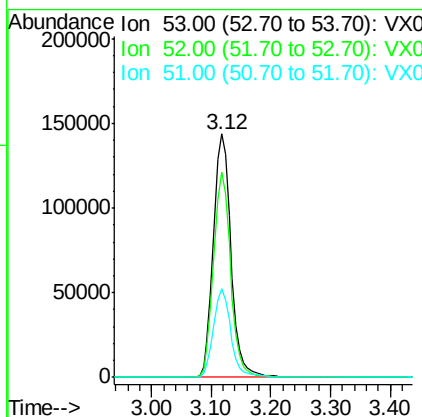
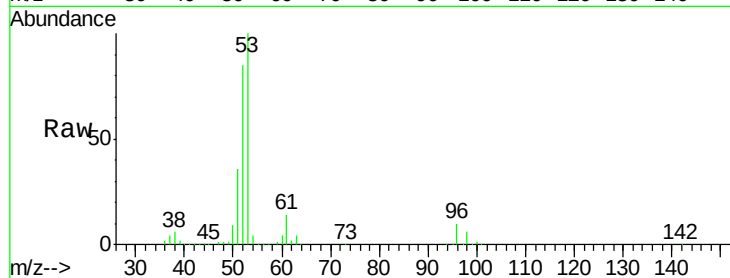
#15
 Acrylonitrile
 Concen: 425.227 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.3	97.9
51	35.7	28.6	43.0

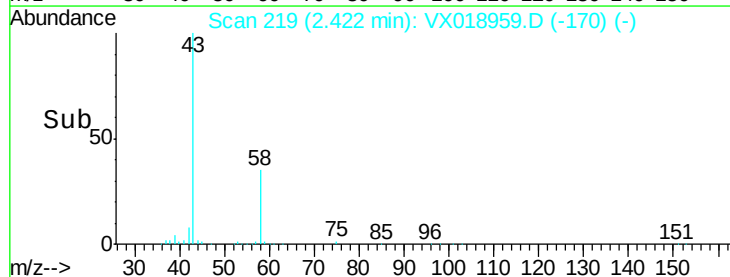
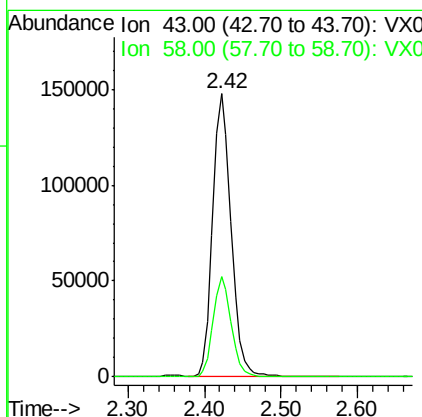
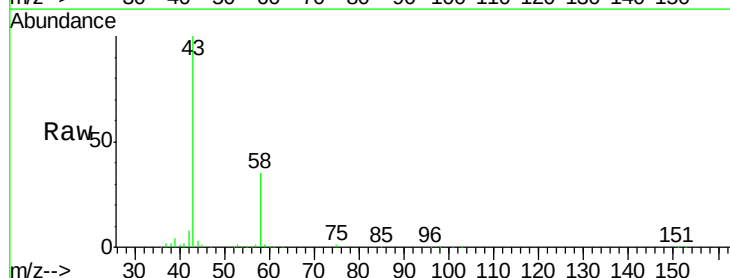
Manual Integrations
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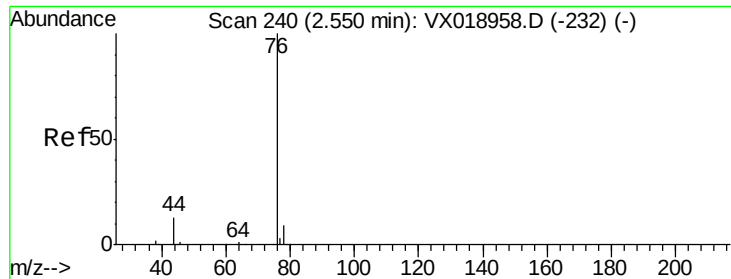
MMDadoda
 10/20/2020 4:52:05 PM



#16
 Acetone
 Concen: 399.886 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.8	41.8





#17

Carbon Disulfide

Concen: 89.070 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 302195

Ion Ratio Lower Upper

76 100

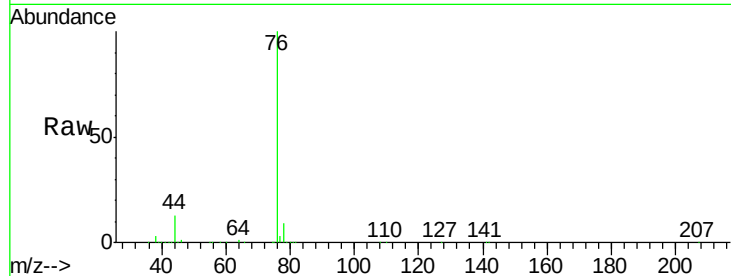
78 9.1 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

200000

150000

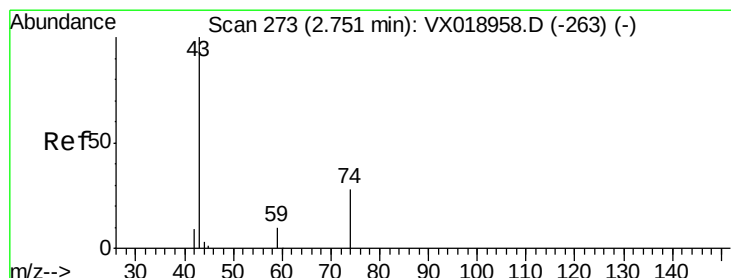
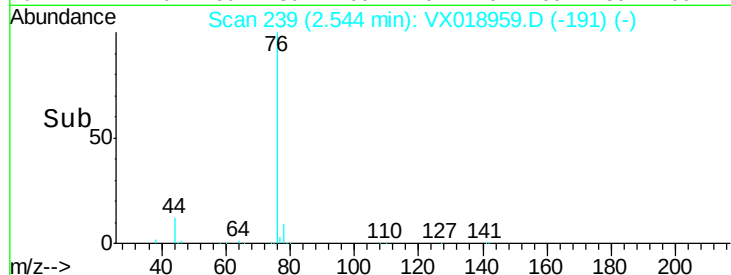
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 85.826 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018959.D

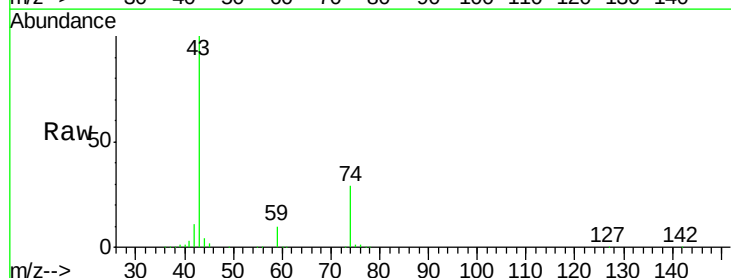
Acq: 19 Oct 2020 17:59

Tgt Ion: 43 Resp: 127104

Ion Ratio Lower Upper

43 100

74 29.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

80000

60000

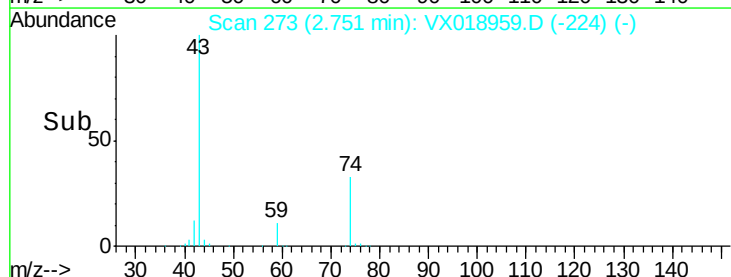
40000

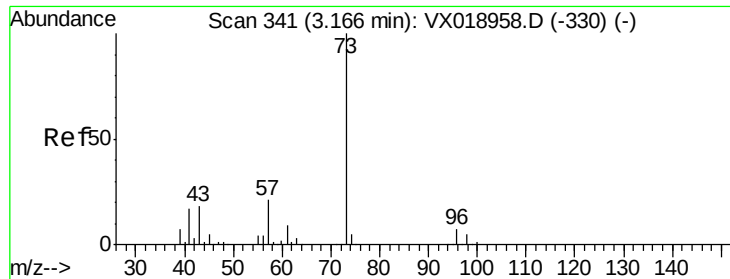
20000

0

2.70 2.80 2.90

Time-->





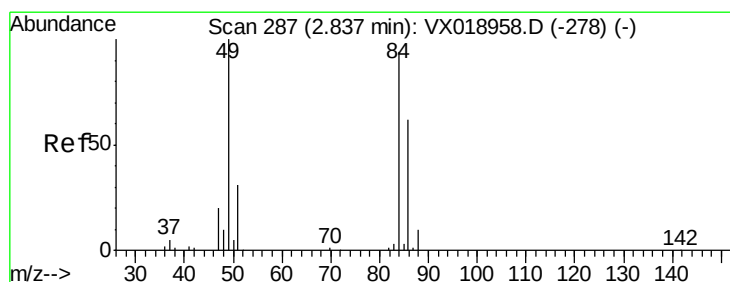
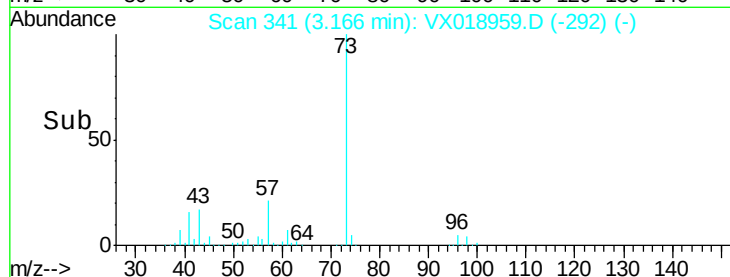
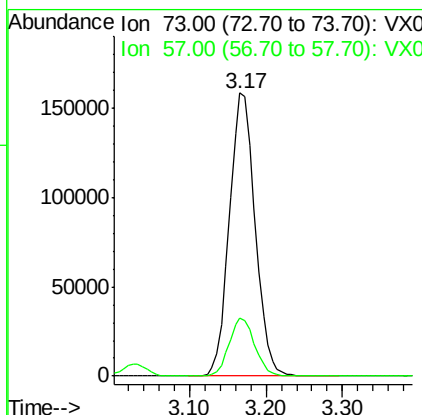
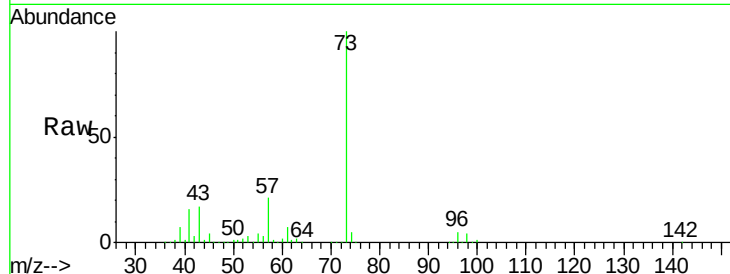
#19
Methyl tert-butyl Ether
Concen: 96.372 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.6	25.0

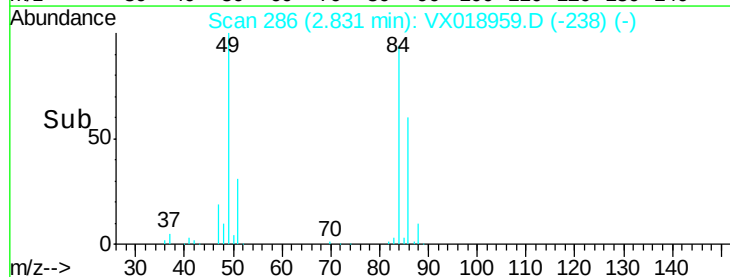
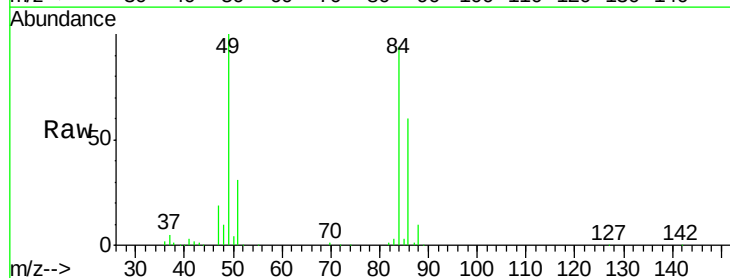
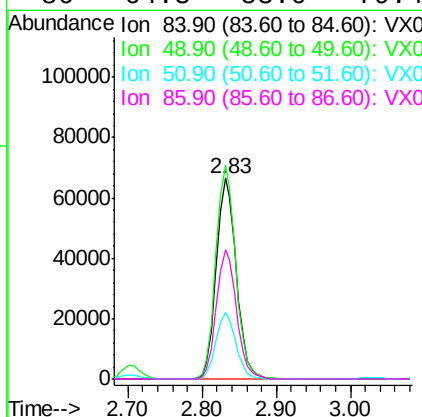
Manual Integrations
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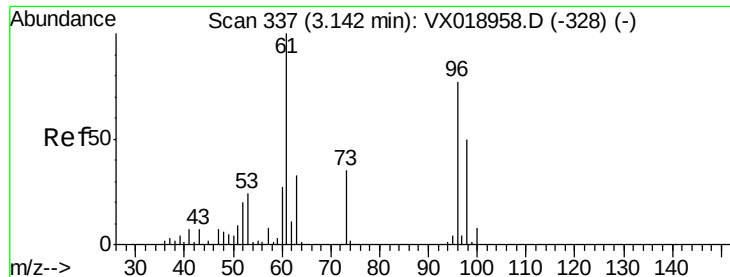
MMDadoda
10/20/2020 4:52:05 PM



#20
Methylene Chloride
Concen: 87.952 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.5	85.1	127.7
51	33.4	26.0	39.0
86	64.3	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 105.693 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 133532

Ion Ratio Lower Upper

96 100

61 120.7 103.4 155.0

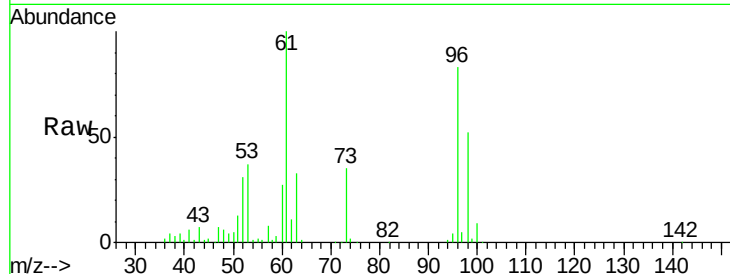
98 62.6 51.7 77.5

Manual Integrations

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MMDadoda

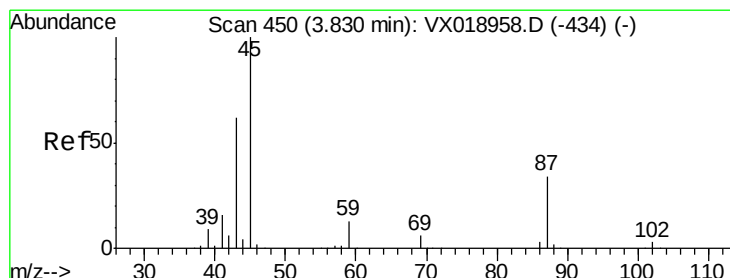
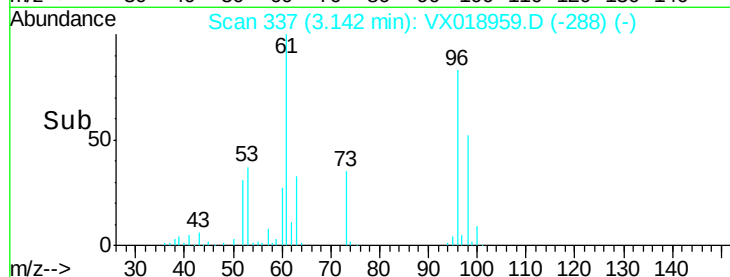
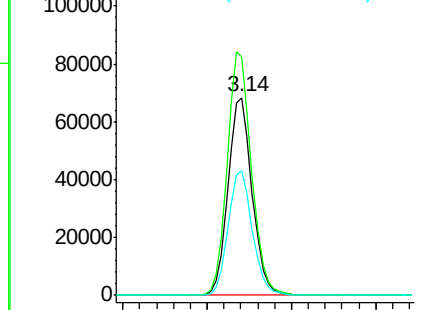
10/20/2020 4:52:05 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 81.317 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tgt Ion: 45 Resp: 314608

Ion Ratio Lower Upper

45 100

43 61.2 49.7 74.5

87 36.4 27.4 41.2

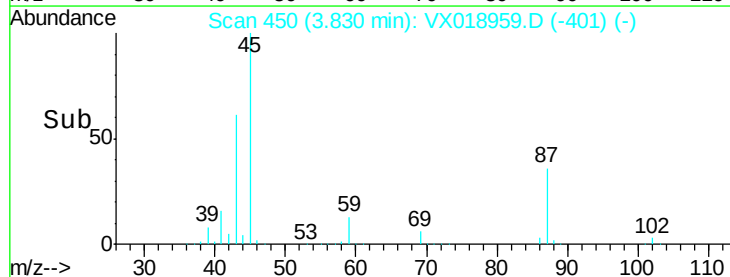
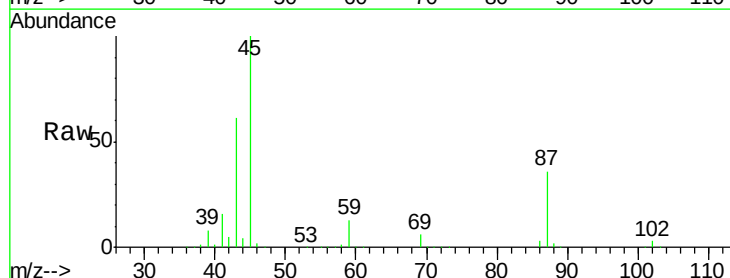
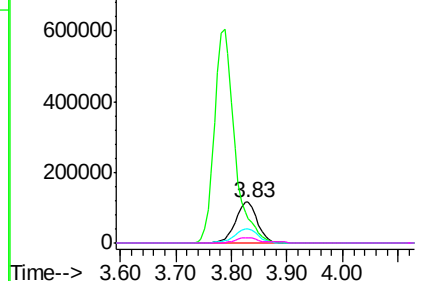
59 13.4 10.1 15.1

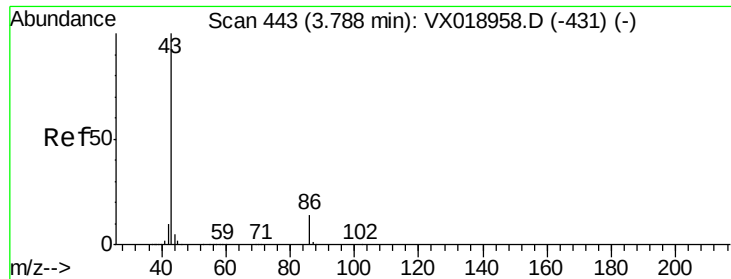
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 442.202 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1538190

Ion Ratio Lower Upper

43 100

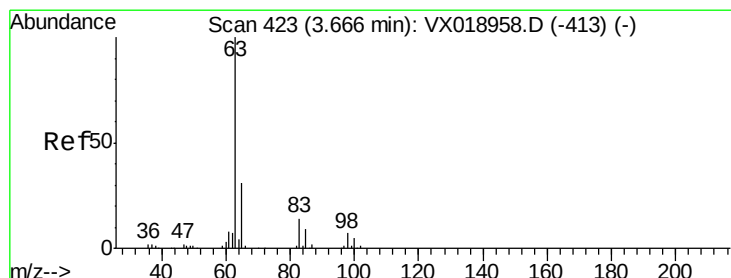
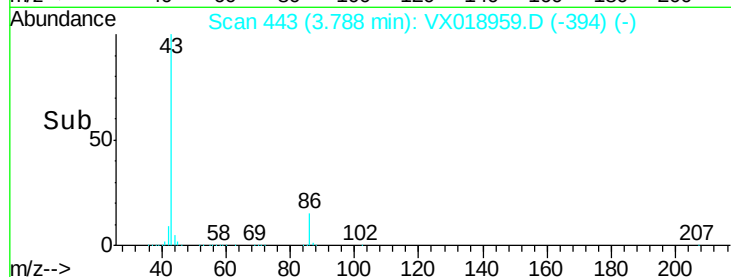
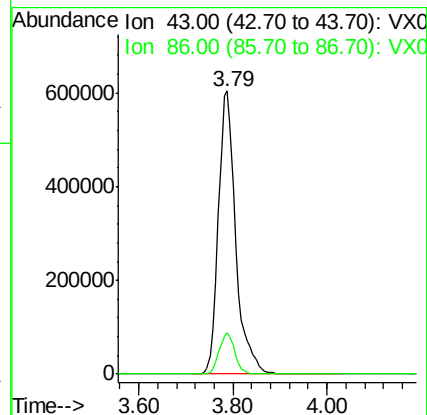
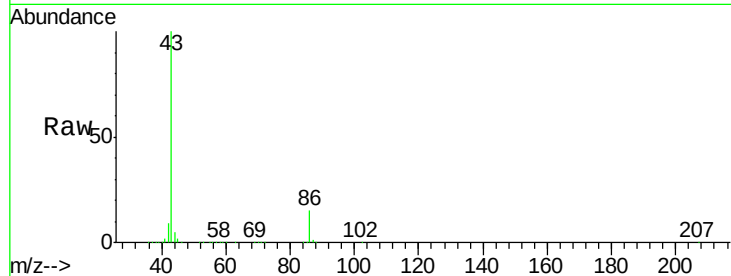
86 14.8 10.9 16.3

Manual Integrations

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MMDadoda

10/20/2020 4:52:05 PM



#24

1,1-Dichloroethane

Concen: 95.310 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

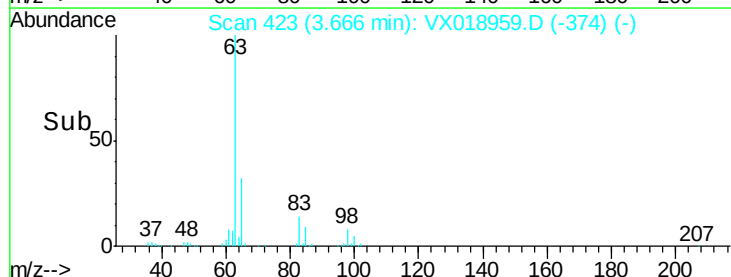
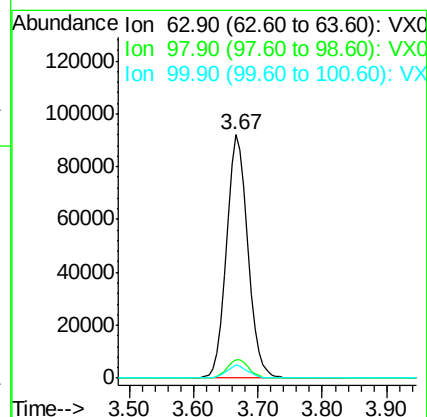
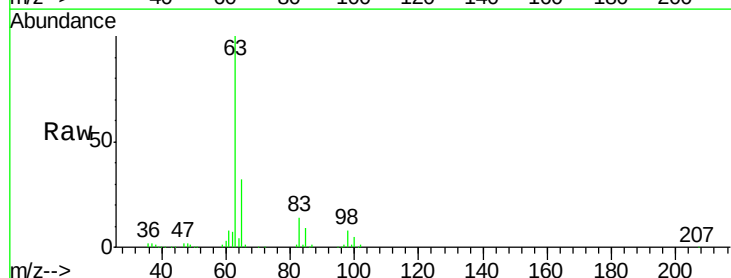
Tgt Ion: 63 Resp: 216165

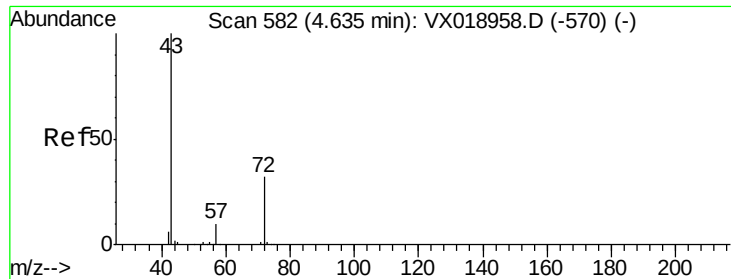
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 5.2 2.4 7.1





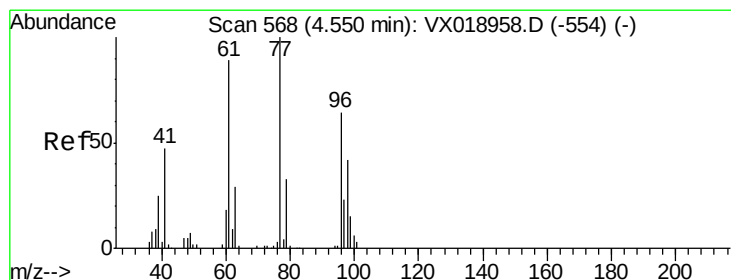
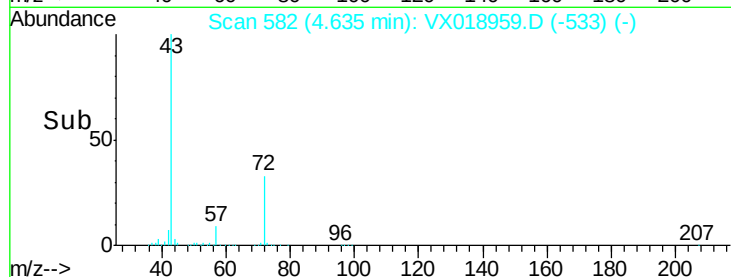
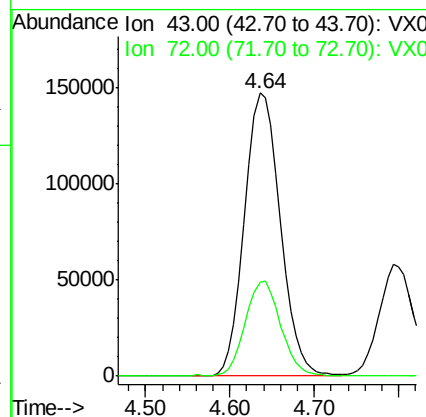
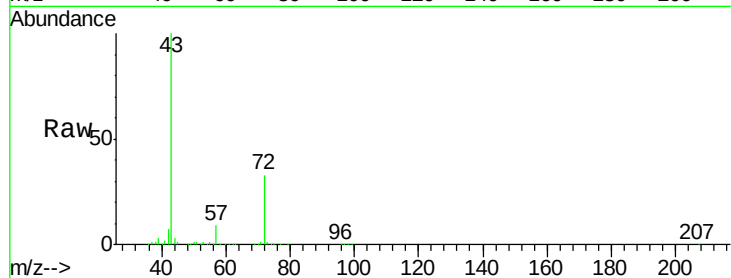
#25
2-Butanone
Concen: 421.765 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 424565
Ion Ratio Lower Upper
43 100
72 33.0 25.8 38.6

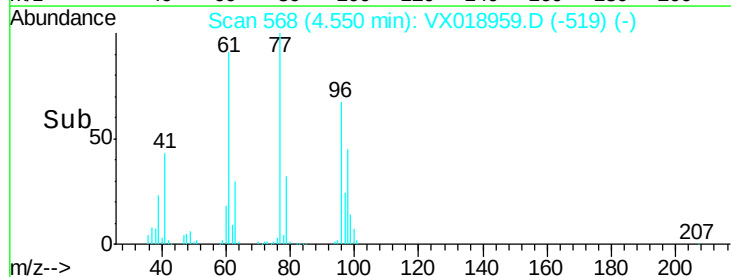
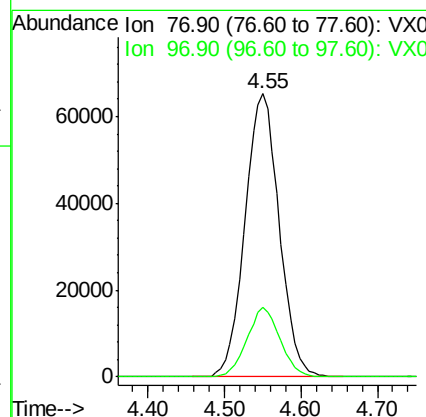
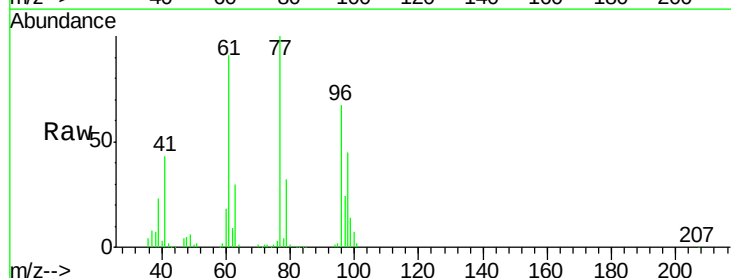
Manual Integrations
APPROVED

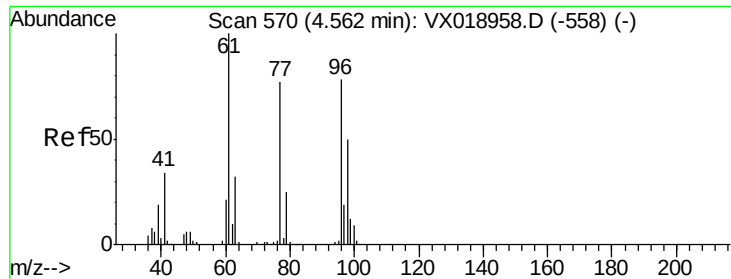
MMDadoda
10/20/2020 4:52:05 PM



#26
2,2-Dichloropropane
Concen: 106.766 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 77 Resp: 202676
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.8





#27

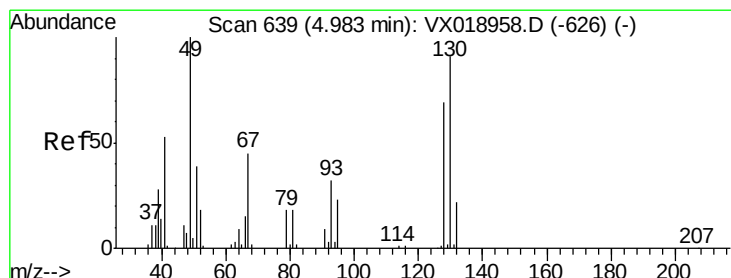
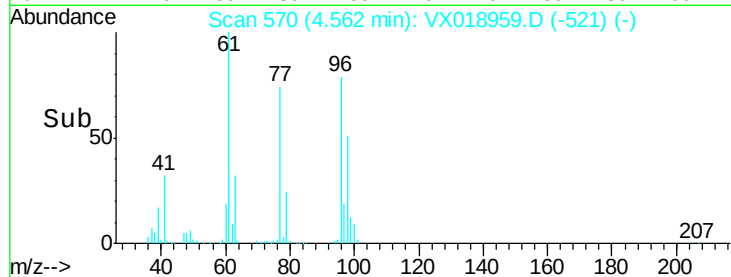
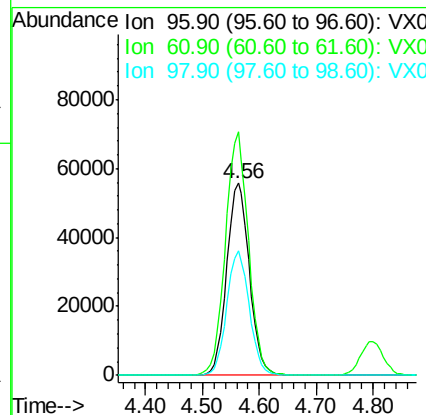
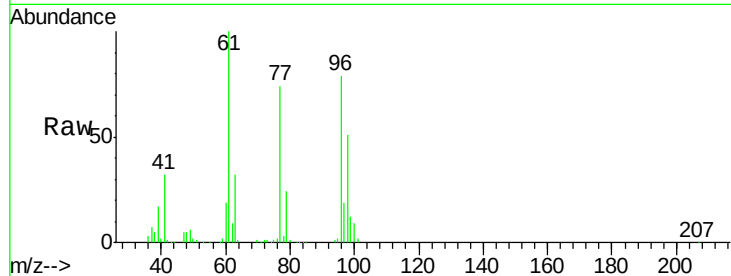
cis-1,2-Dichloroethene
Concen: 105.003 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.2	0.0	265.2	
98	64.7	0.0	128.4	

Manual Integrations
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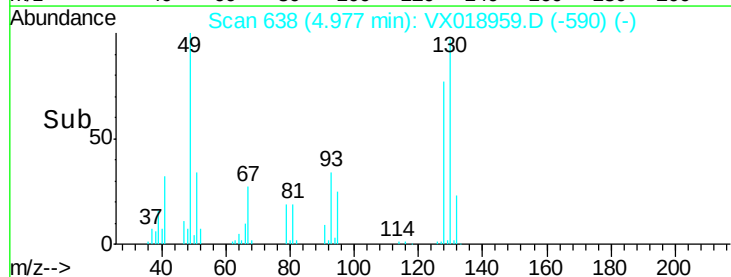
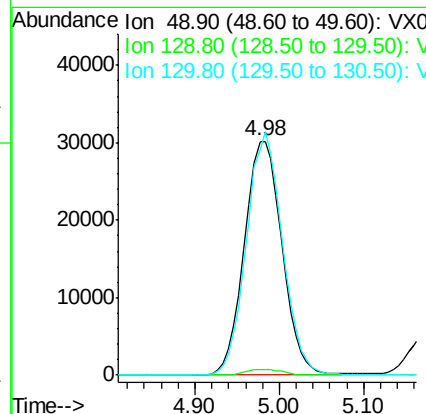
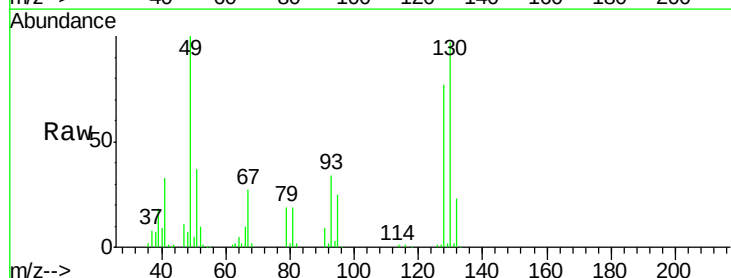
MMDadoda
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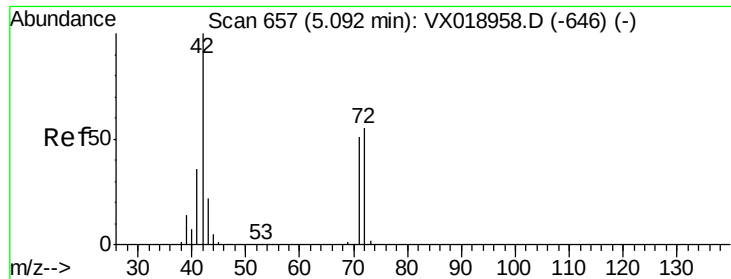


#28

Bromochloromethane
Concen: 85.182 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.2	
130	99.3	72.0	108.0	





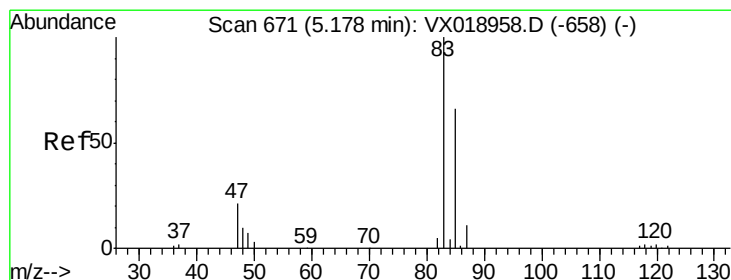
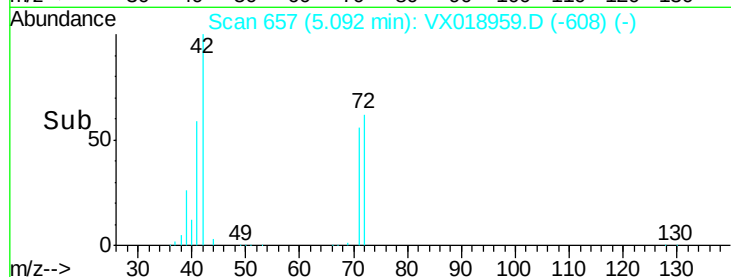
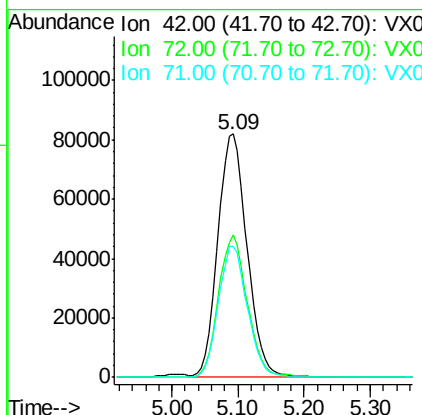
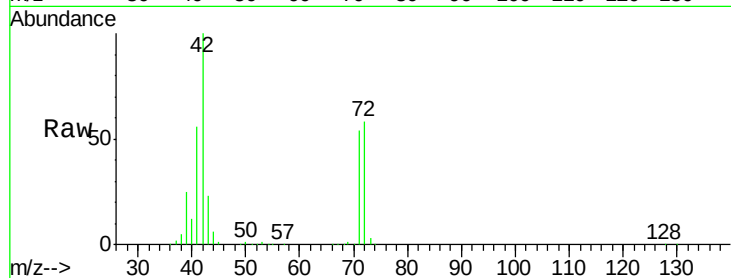
#29
Tetrahydrofuran
Concen: 395.873 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.2	44.9	67.3
71	53.8	41.0	61.6

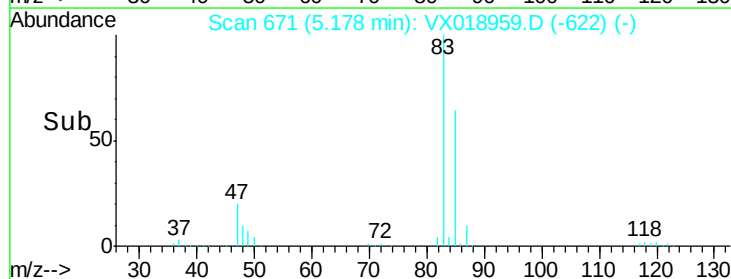
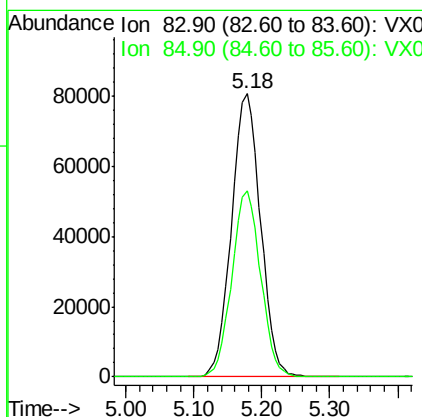
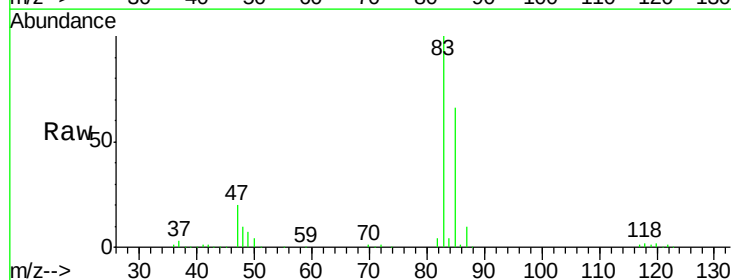
Manual Integrations
APPROVED

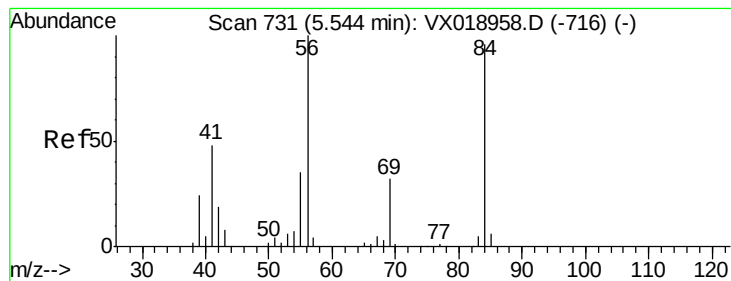
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#30
Chloroform
Concen: 100.829 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	78.8





#31

Cyclohexane

Concen: 92.163 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 174393

Ion Ratio Lower Upper

56 100

69 33.8 25.4 38.0

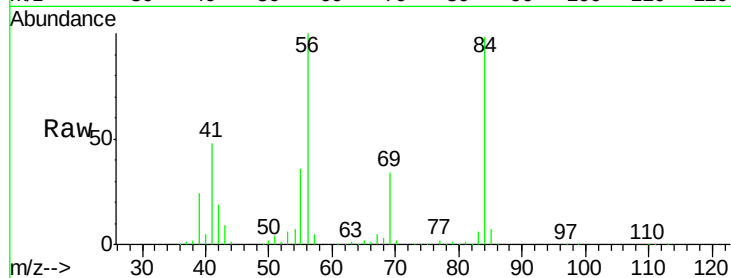
84 96.5 75.4 113.0

Manual Integrations

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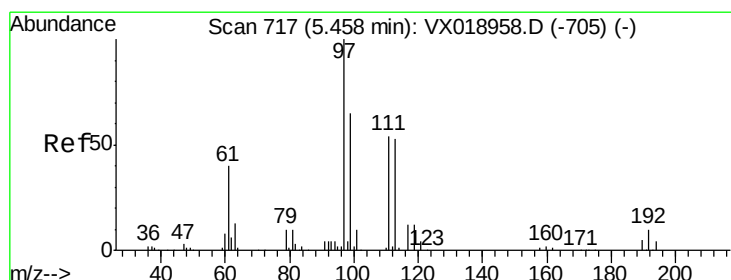
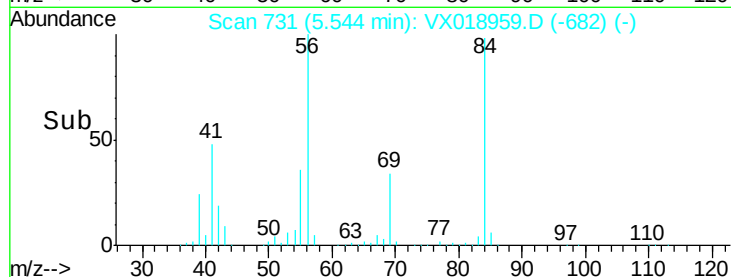
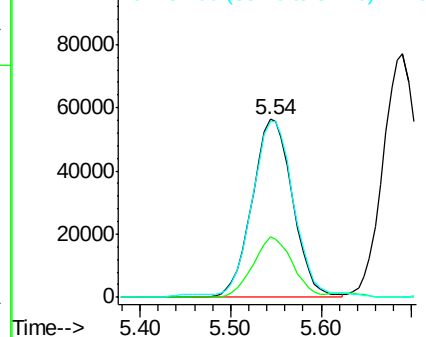
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 100.941 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

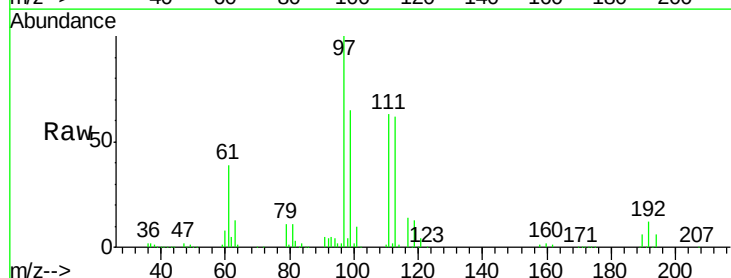
Tgt Ion: 97 Resp: 219694

Ion Ratio Lower Upper

97 100

99 64.4 50.5 75.7

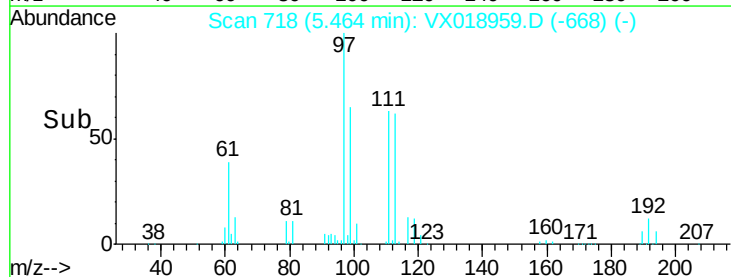
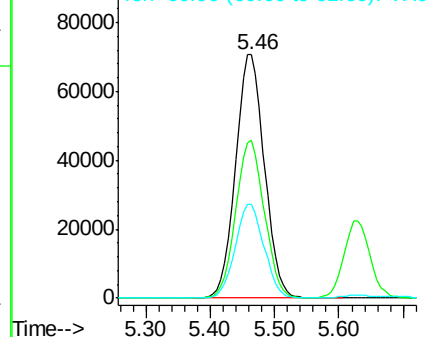
61 38.7 32.3 48.5

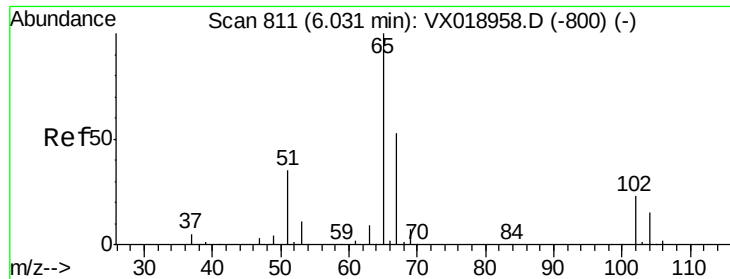


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





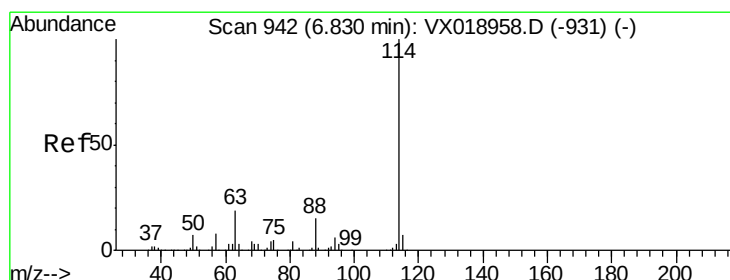
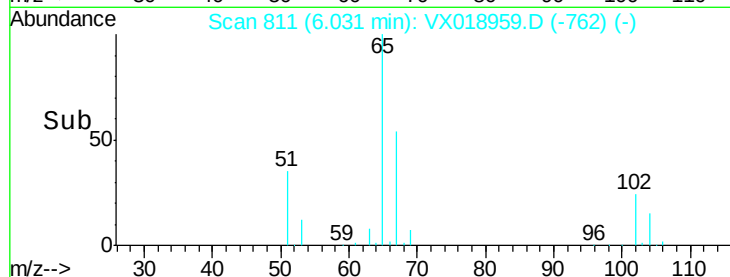
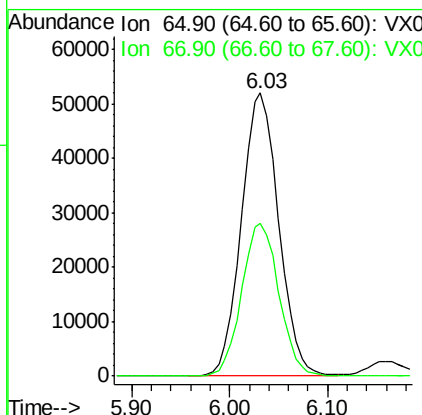
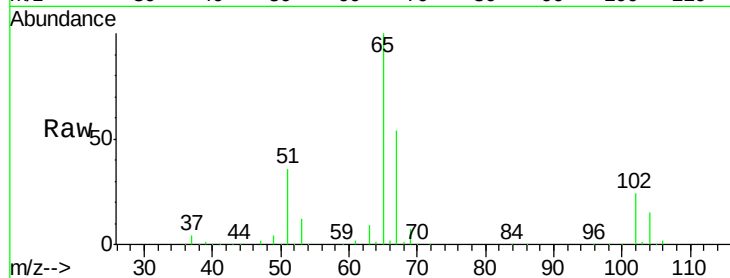
#33
 1,2-Dichloroethane-d4
 Concen: 87.829 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137693		
67	54.0	0.0	105.6	

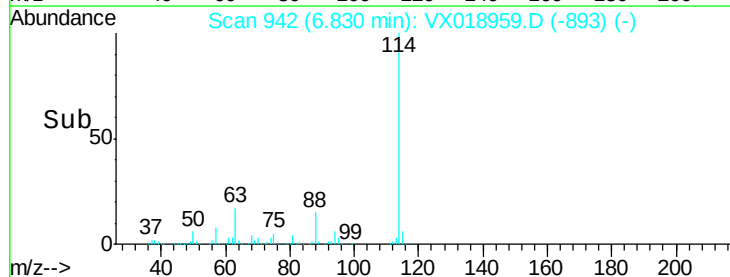
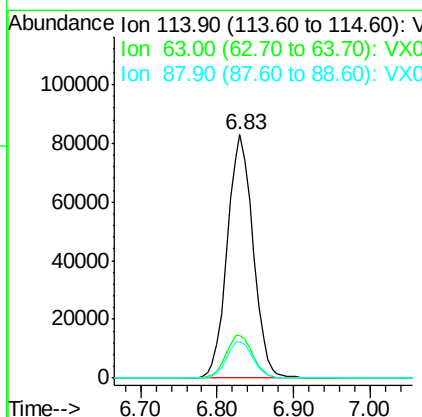
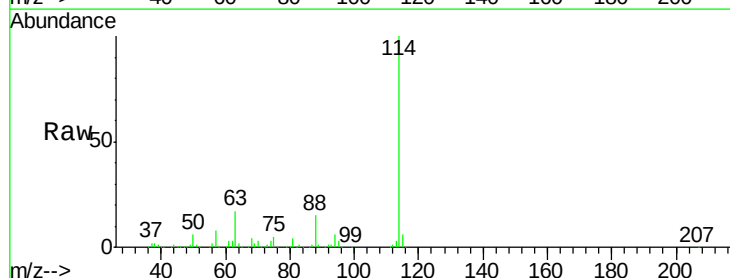
Manual Integrations
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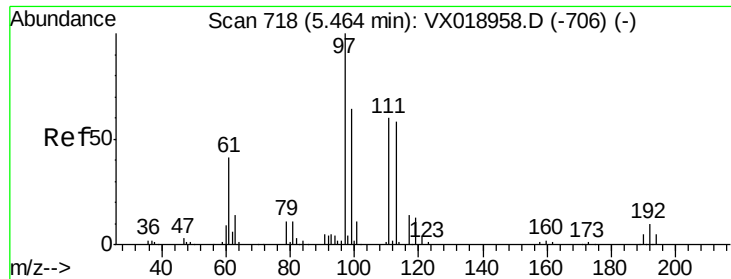
MMDadoda
 10/20/2020 4:52:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	192860		
63	17.3	0.0	38.0	
88	14.9	0.0	30.8	





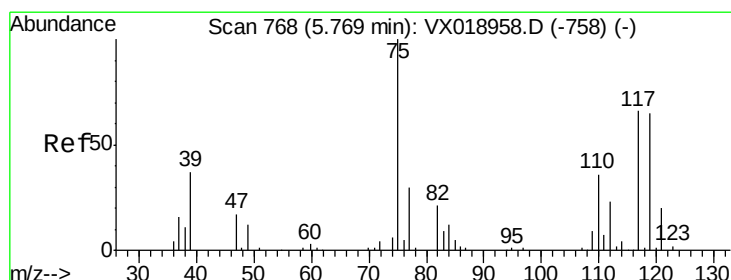
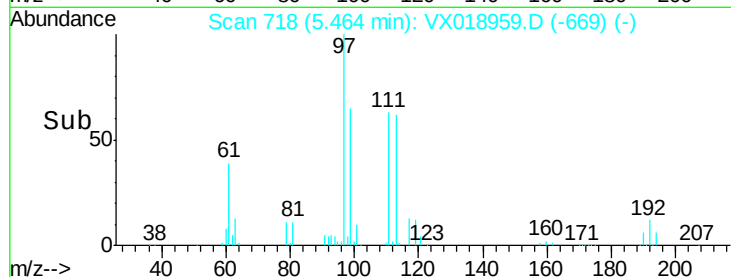
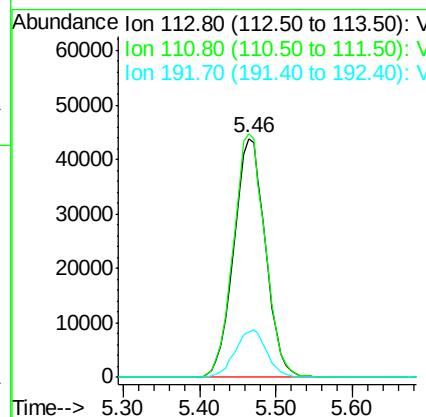
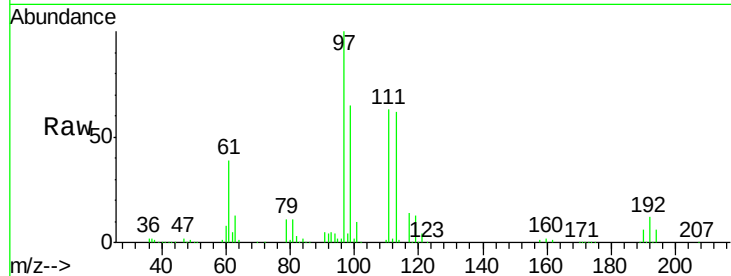
#35
Dibromofluoromethane
Concen: 97.642 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125169		
111	102.5	80.8	121.2	
192	19.8	14.5	21.7	

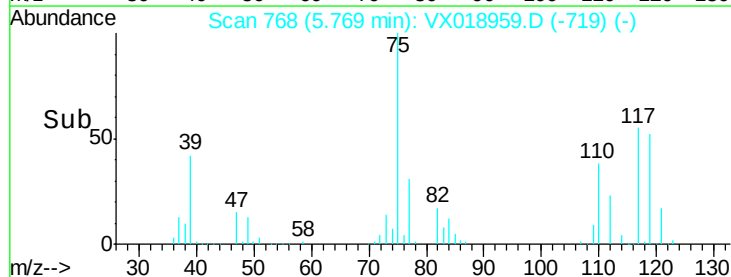
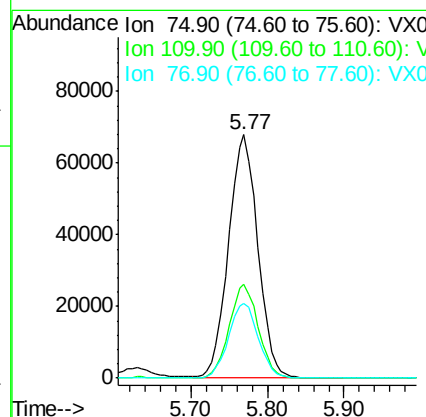
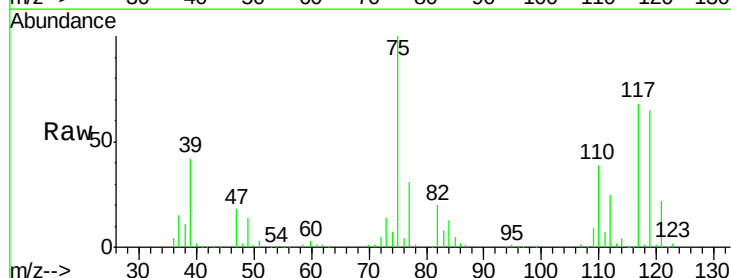
Manual Integrations
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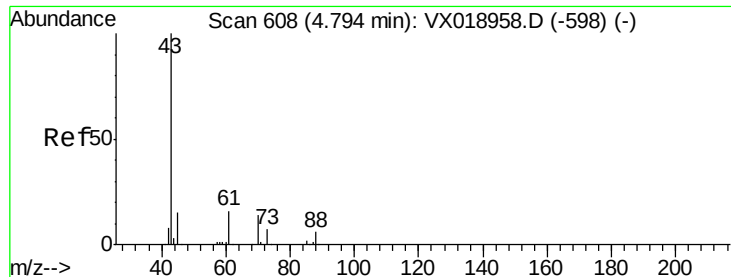
MMDadoda
10/20/2020 4:52:05 PM



#36
1,1-Dichloropropene
Concen: 101.488 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	180273		
110	38.2	18.3	54.8	
77	31.2	25.0	37.4	





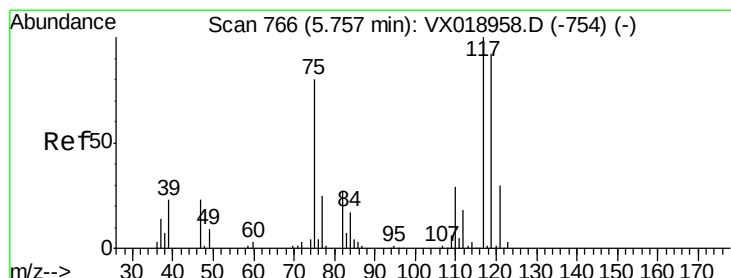
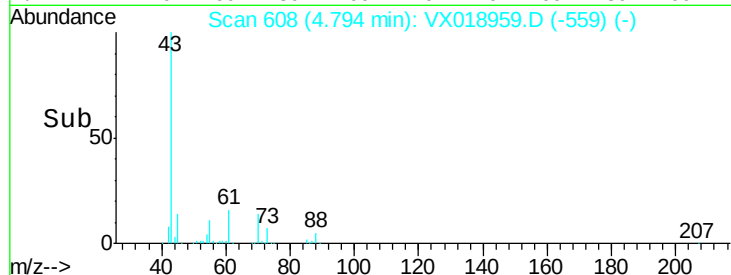
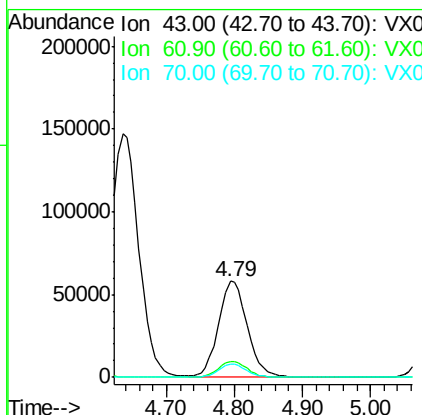
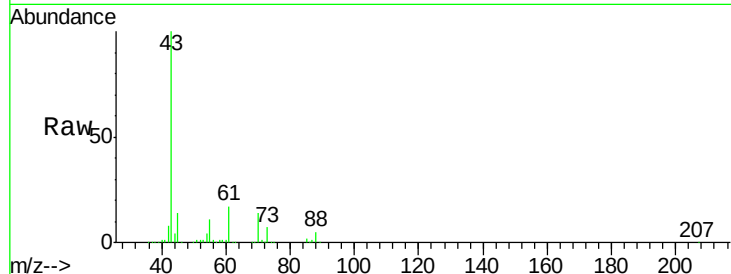
#37
Ethyl Acetate
Concen: 83.942 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.7	19.1
70	13.6	10.6	15.8

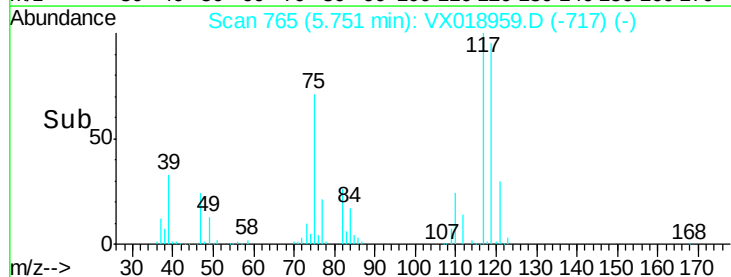
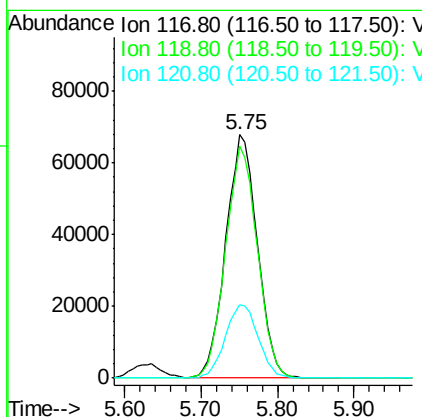
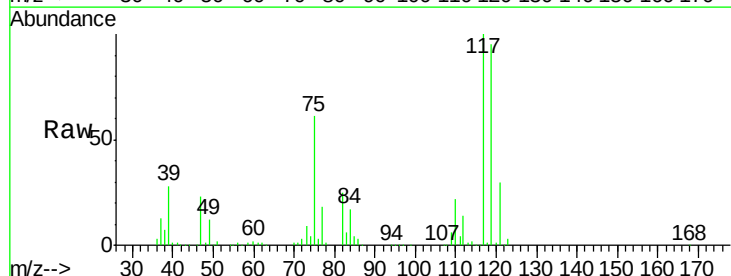
Manual Integrations
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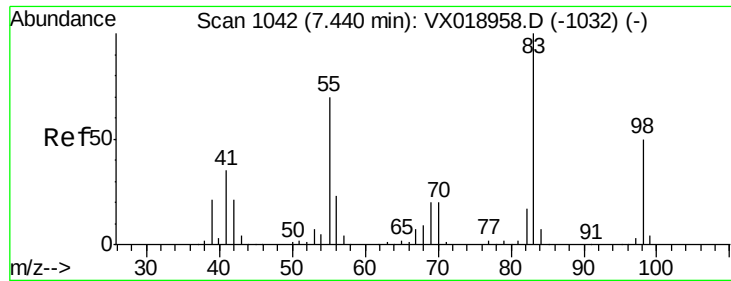
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10/20/2020 4:52:05 PM



#38
Carbon Tetrachloride
Concen: 98.041 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	73.2	109.8
121	30.3	23.5	35.3





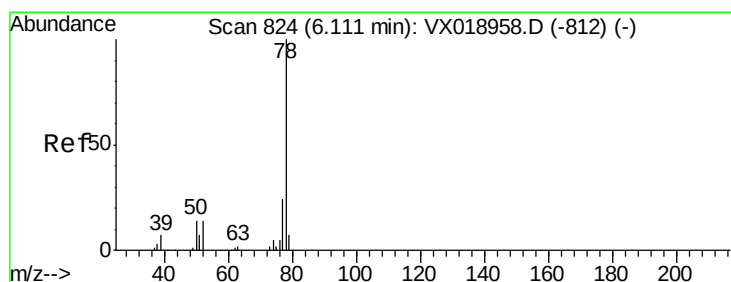
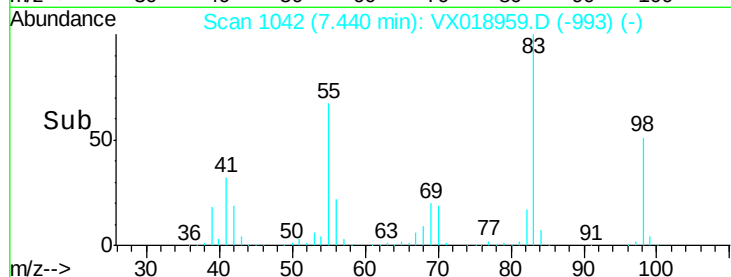
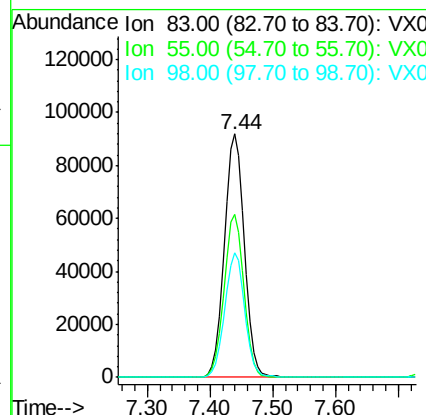
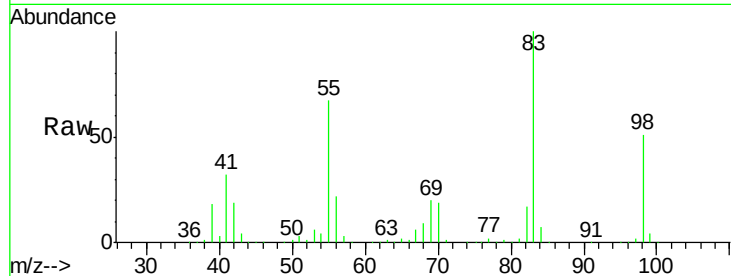
#39
Methylvlcyclohexane
Concen: 104.423 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	202583
Ion Ratio	Lower	Upper	
83	100		
55	66.6	56.3	84.5
98	51.1	39.8	59.6

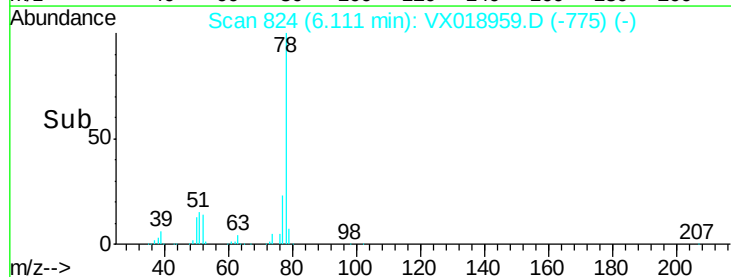
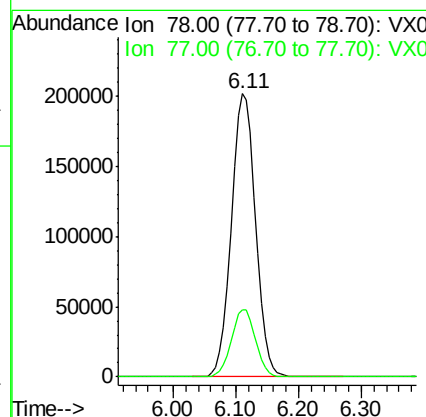
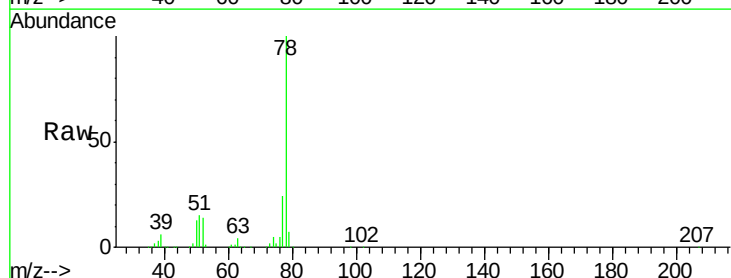
Manual Integrations
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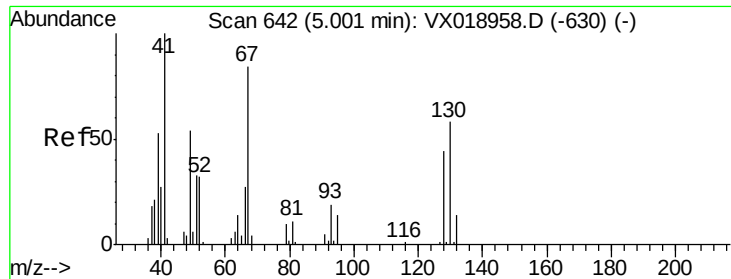
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#40
Benzene
Concen: 102.331 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	78	Resp	536752
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 79.346 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 87273

Ion Ratio Lower Upper

41 100

39 54.1 43.7 65.5

67 92.2 70.9 106.3

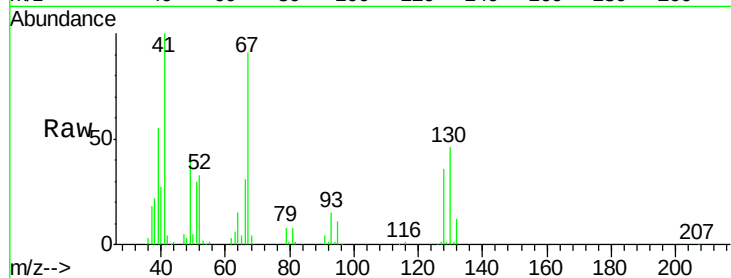
52 34.1 27.0 40.6

Manual Integrations

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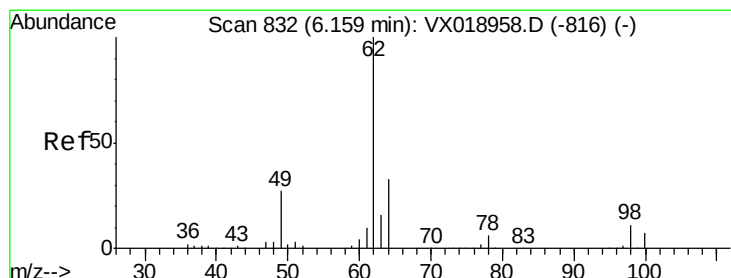
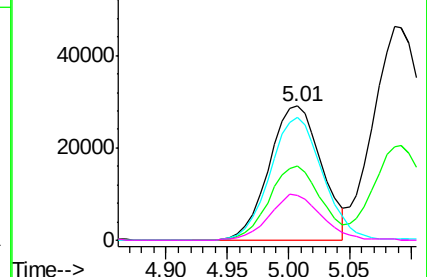
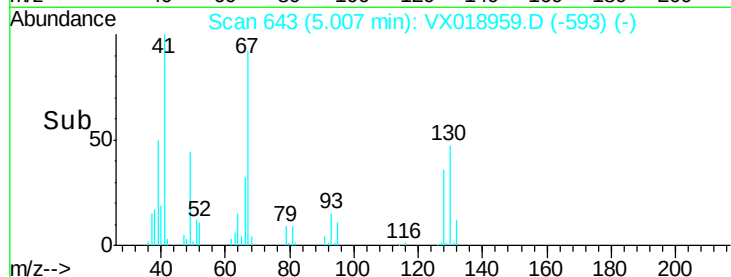


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 90.285 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018959.D

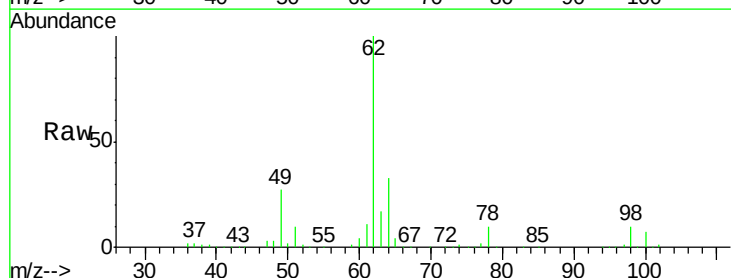
Acq: 19 Oct 2020 17:59

Tgt Ion: 62 Resp: 178504

Ion Ratio Lower Upper

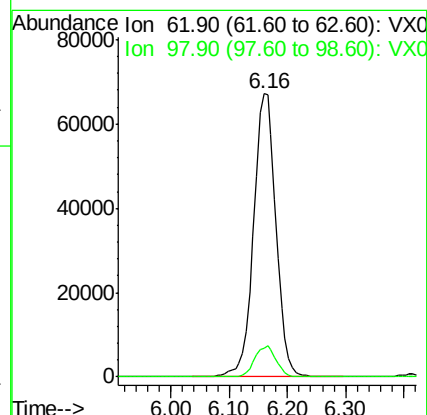
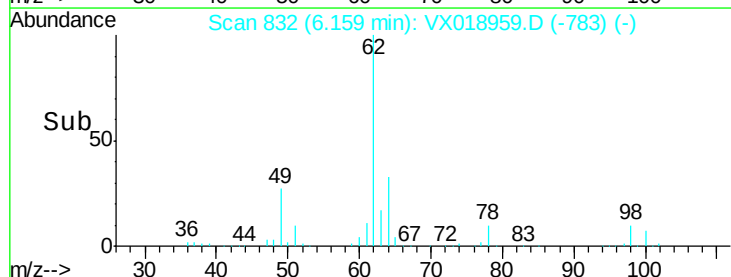
62 100

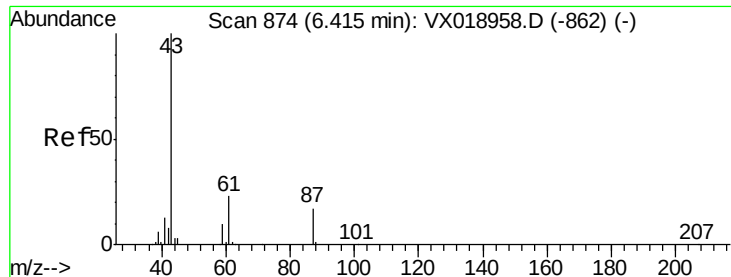
98 10.5 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 85.123 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

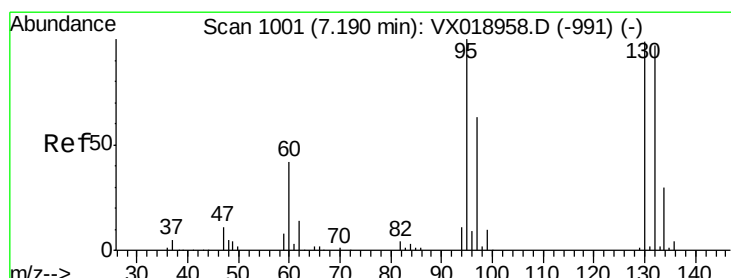
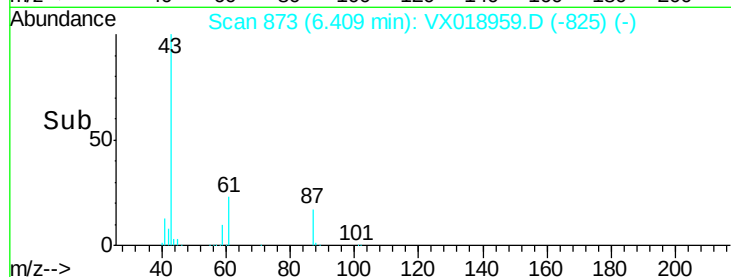
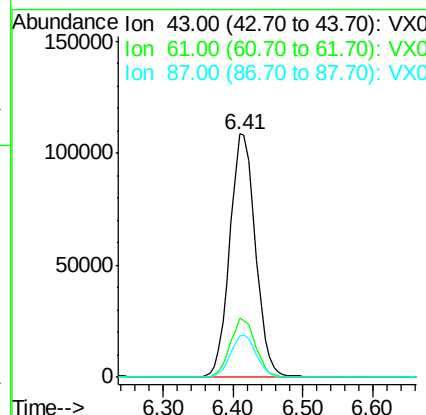
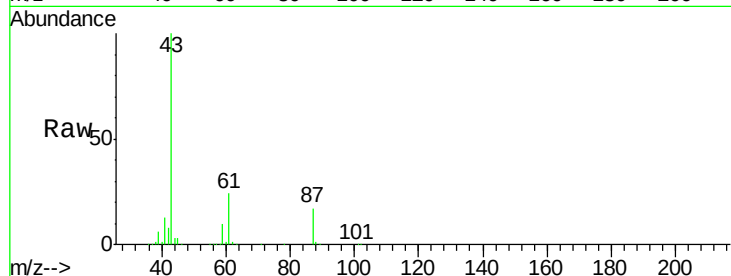
ClientSampleId :

VSTDICC100

Tot Ion:	43	Resp:	276870
Ion	Ratio	Lower	Upper
43	100		
61	24.0	18.3	27.5
87	17.5	13.4	20.2

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#44

Trichloroethene

Concen: 104.556 ug/l

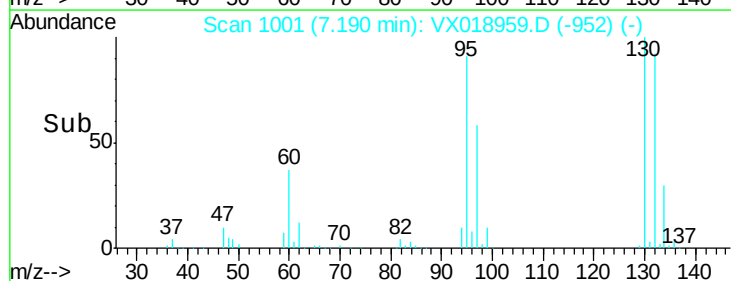
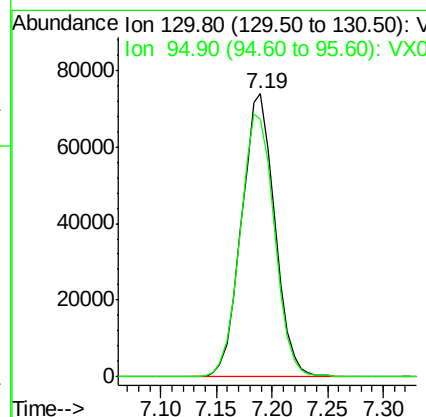
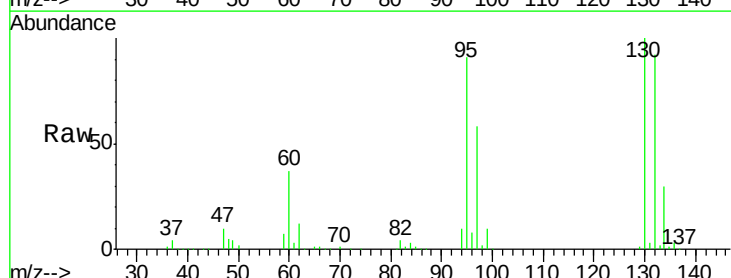
RT: 7.19 min Scan# 1001

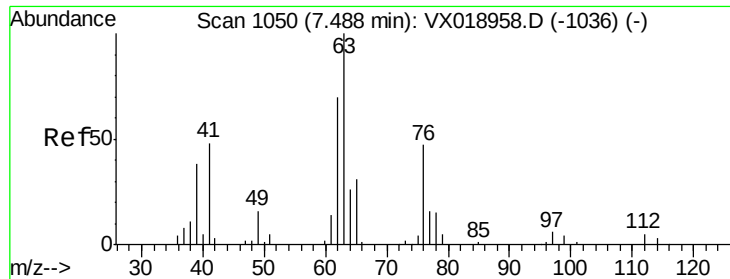
Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tgt Ion:	130	Resp:	153232
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	201.0





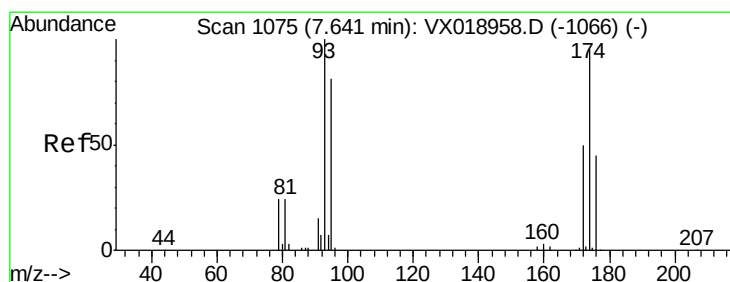
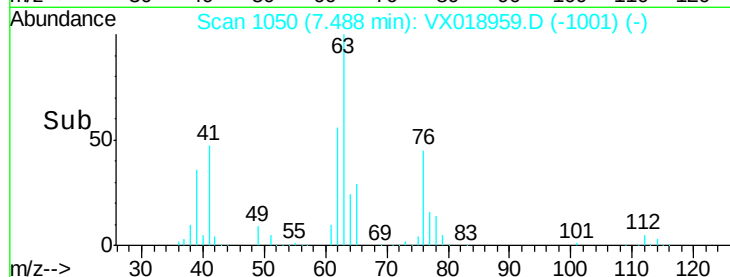
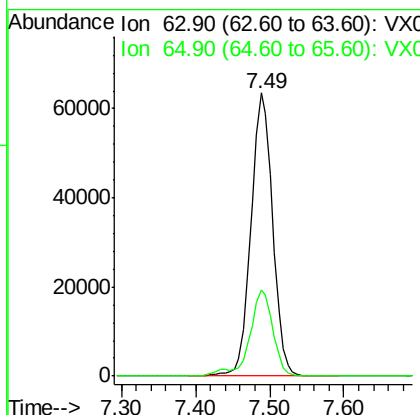
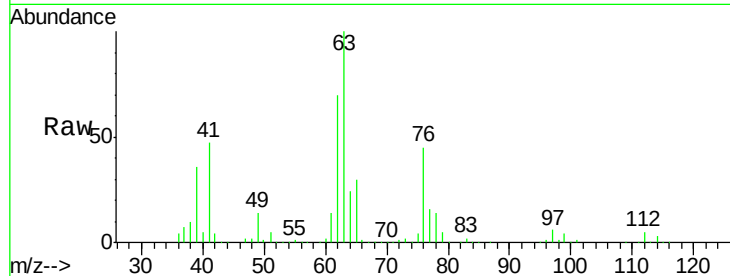
#45
 1,2-Dichloropropane
 Concen: 93.769 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 129903
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6

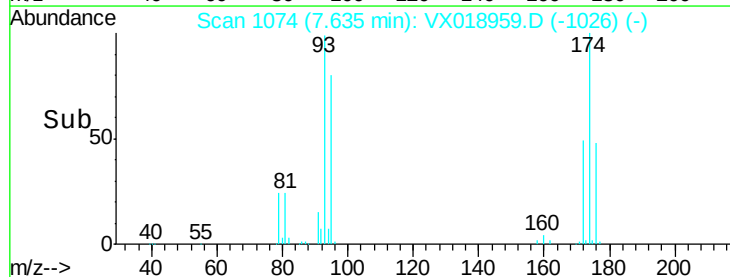
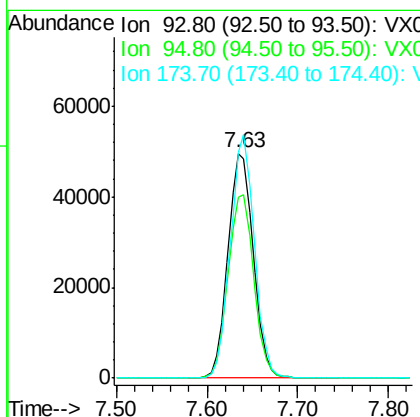
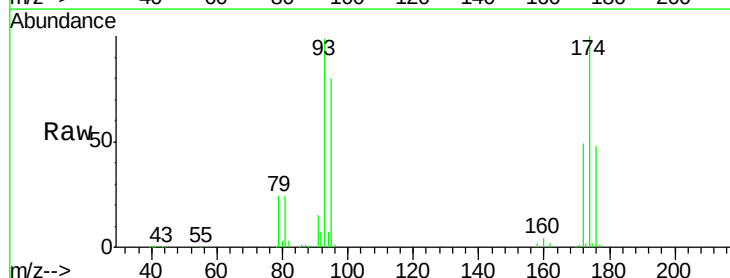
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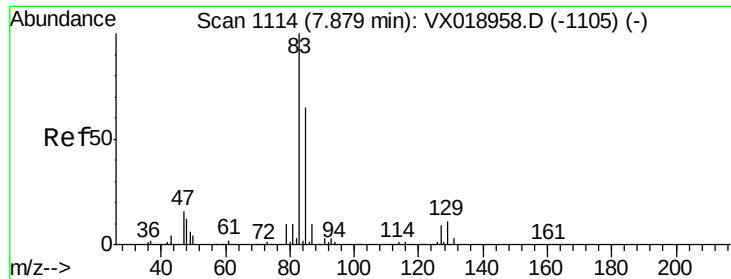
MMDadoda
 10/20/2020 4:52:05 PM



#46
 Dibromomethane
 Concen: 98.186 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 93 Resp: 96602
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 103.0 73.8 110.8





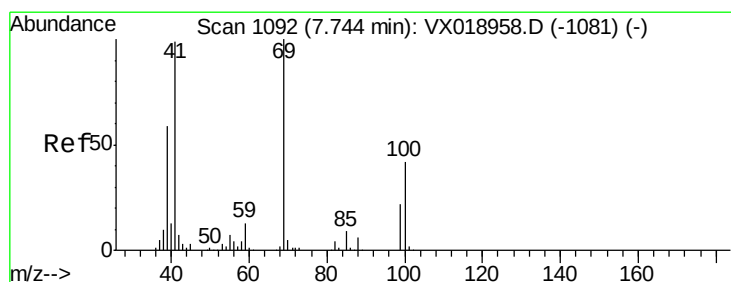
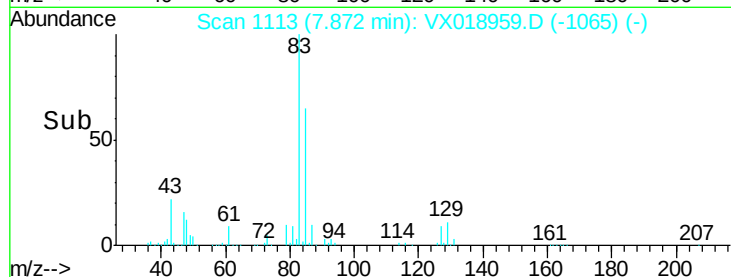
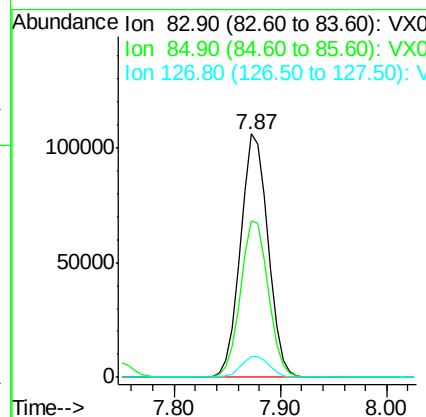
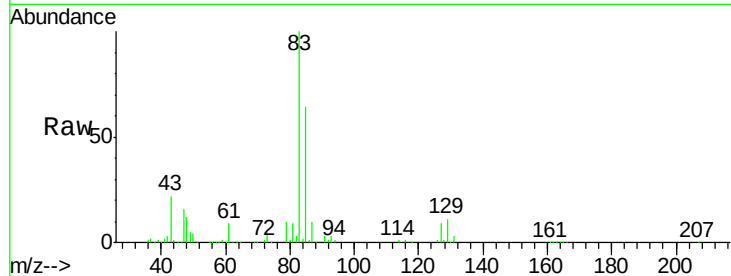
#47
Bromodichloromethane
Concen: 99.006 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193969		
85	64.5	52.4	78.6	
127	8.5	7.3	10.9	

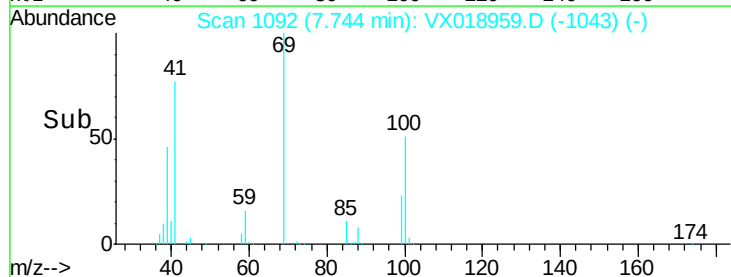
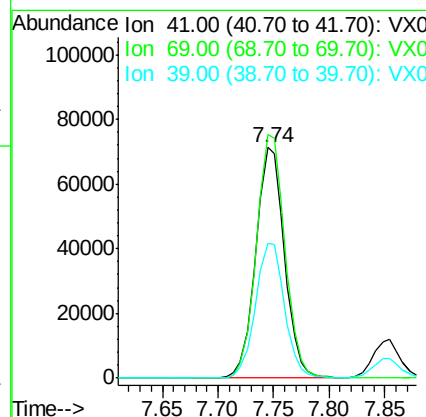
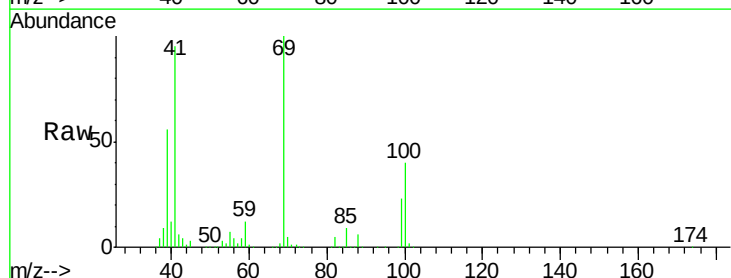
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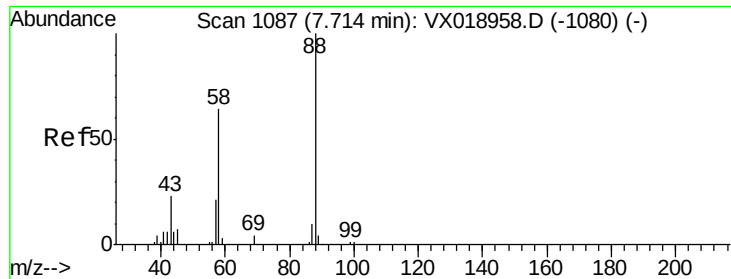
MMDadoda
10/20/2020 4:52:05 PM



#48
Methyl methacrylate
Concen: 80.115 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	128446		
69	105.5	82.4	123.6	
39	59.0	48.1	72.1	





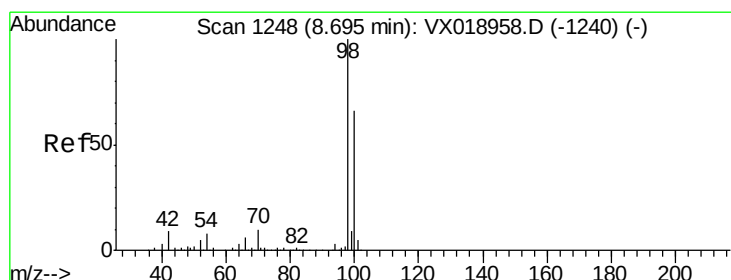
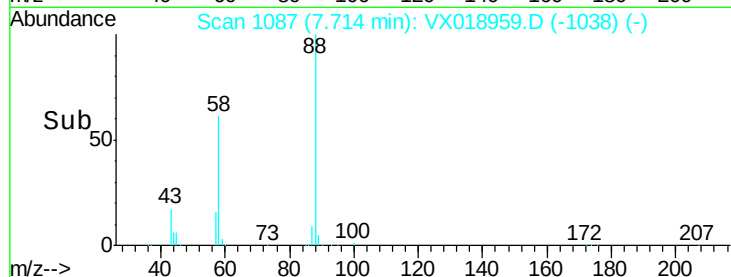
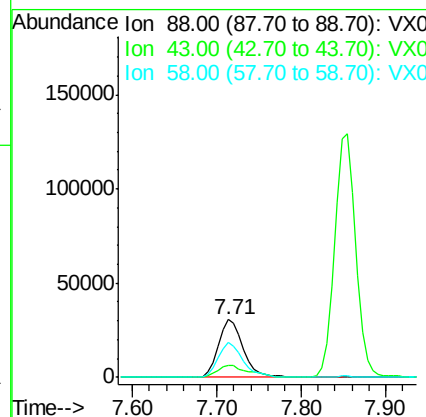
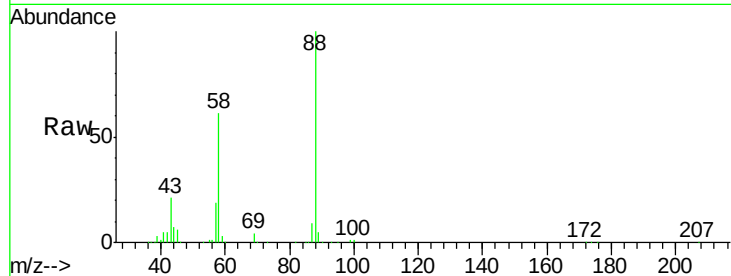
#49
1,4-Dioxane
Concen: 2080.621 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	21.1	31.7
58	60.7	50.3	75.5

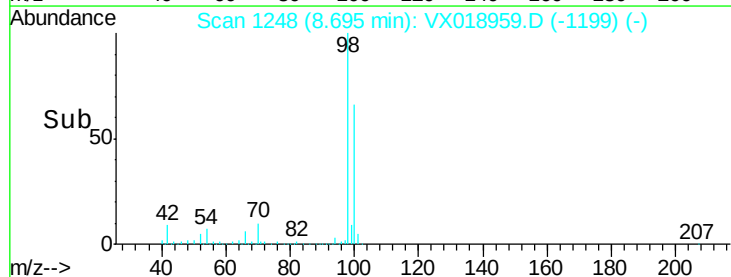
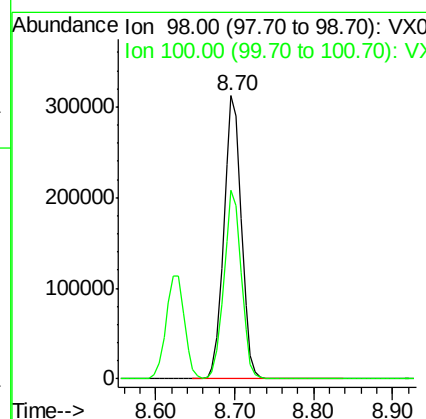
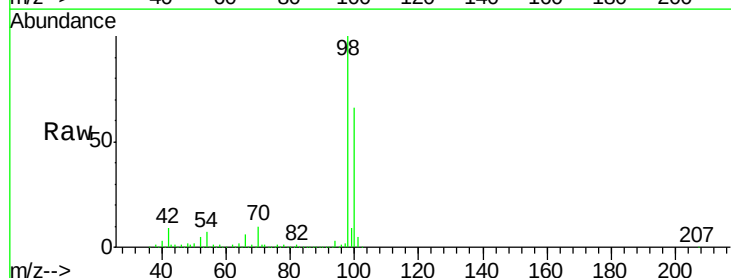
Manual Integrations
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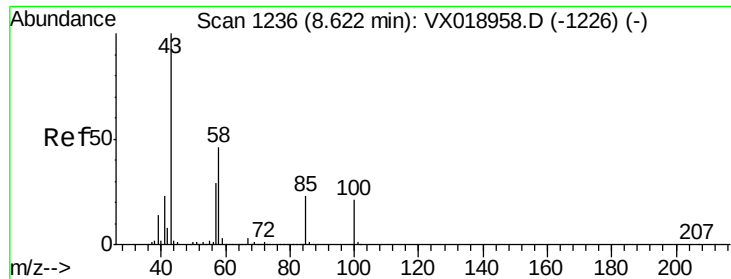
MMDadoda
10/20/2020 4:52:05 PM



#50
Toluene-d8
Concen: 100.253 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.2





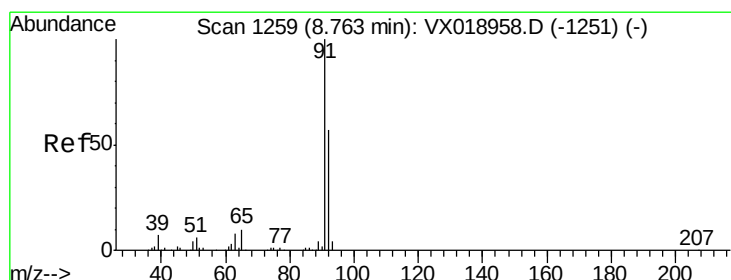
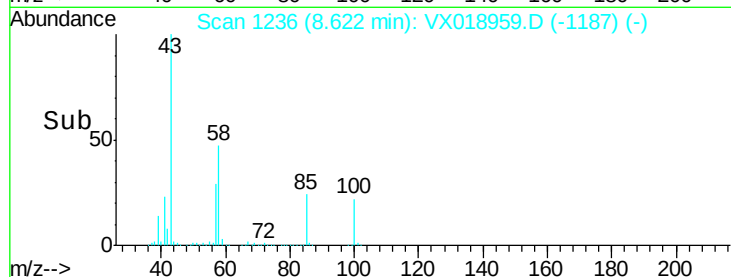
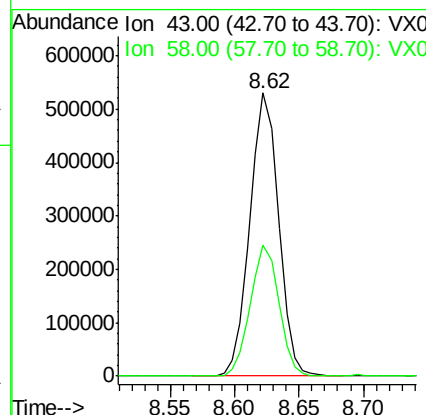
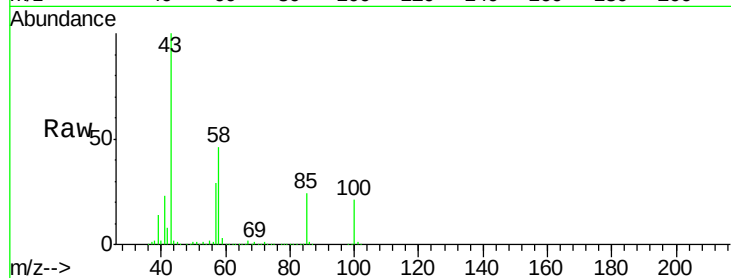
#51
 4-Methyl-2-Pentanone
 Concen: 409.485 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 816971
 Ion Ratio Lower Upper
 43 100
 58 46.1 36.4 54.6

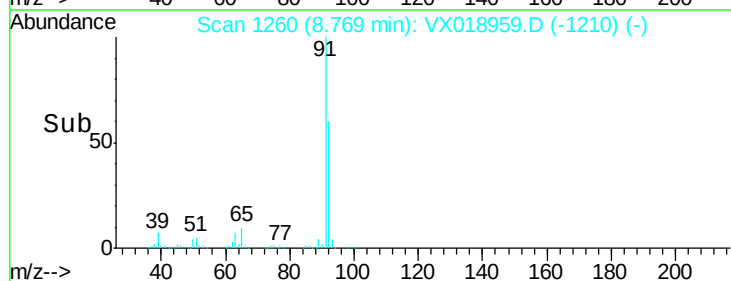
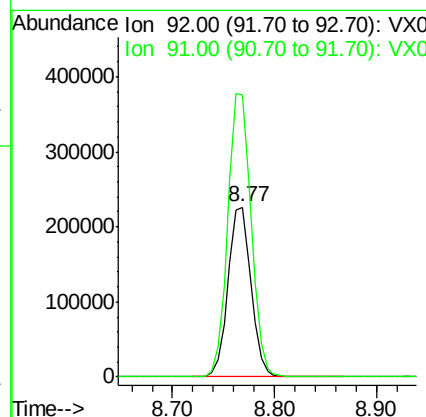
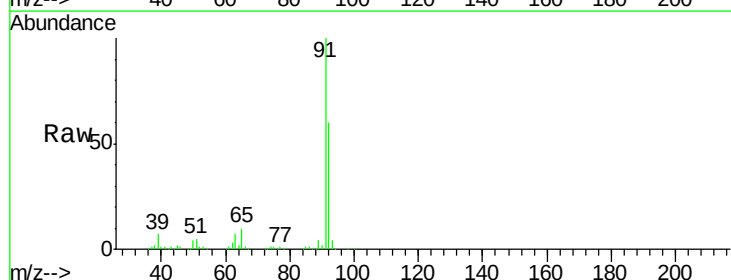
Manual Integrations
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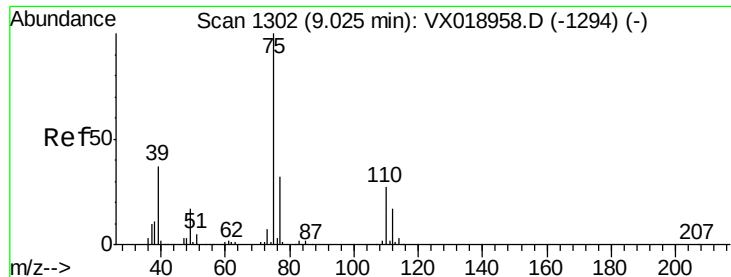
MMDadoda
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#52
 Toluene
 Concen: 105.453 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 92 Resp: 352682
 Ion Ratio Lower Upper
 92 100
 91 169.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 99.452 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 217522

Ion Ratio Lower Upper

75 100

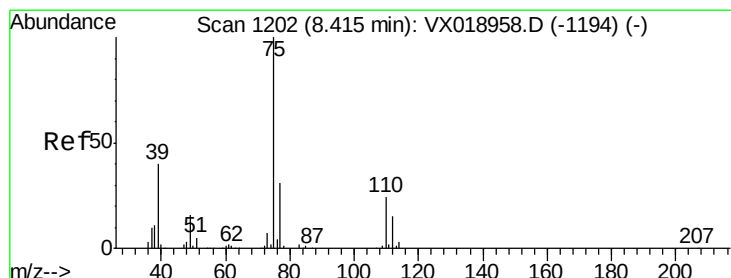
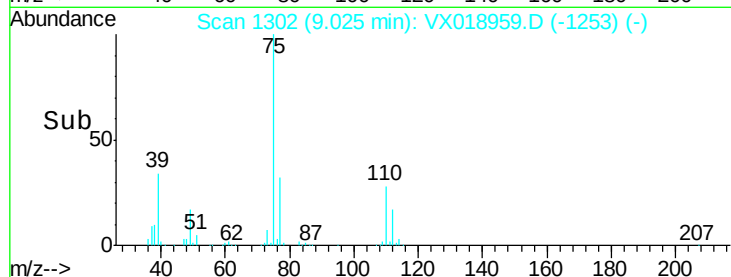
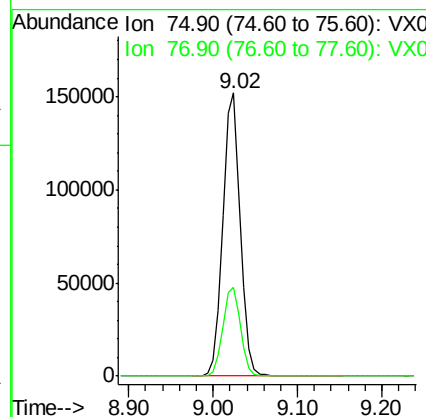
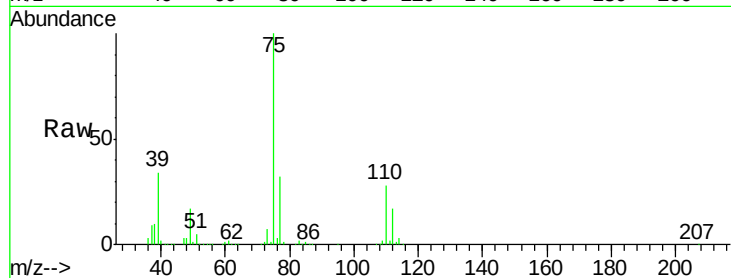
77 31.6 26.0 39.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 100.486 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

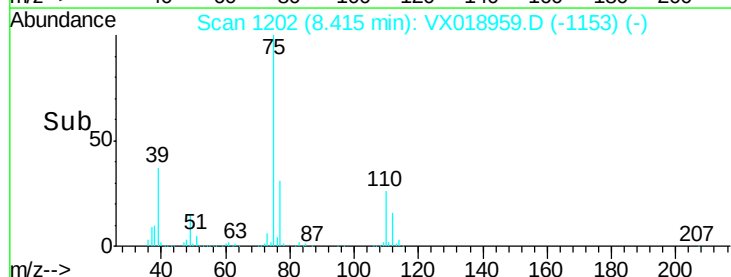
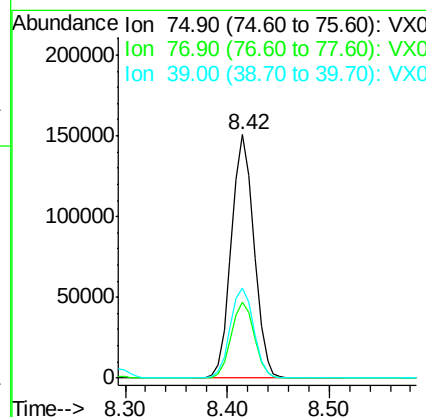
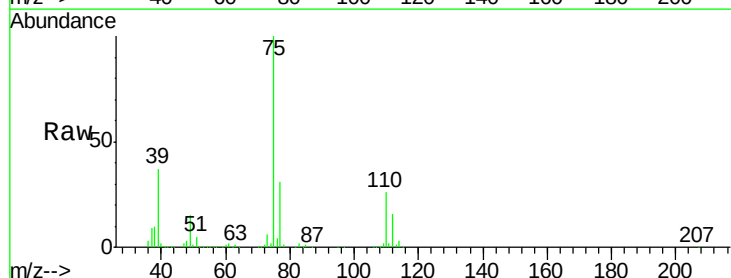
Tgt Ion: 75 Resp: 232295

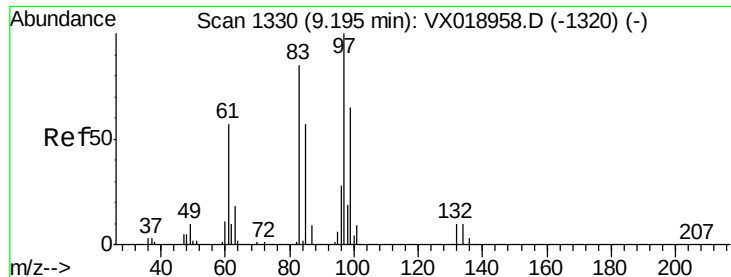
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 37.2 32.1 48.1





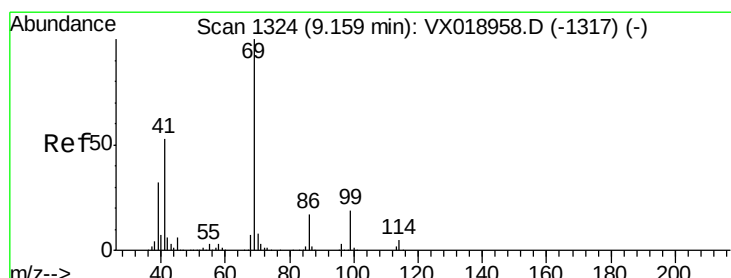
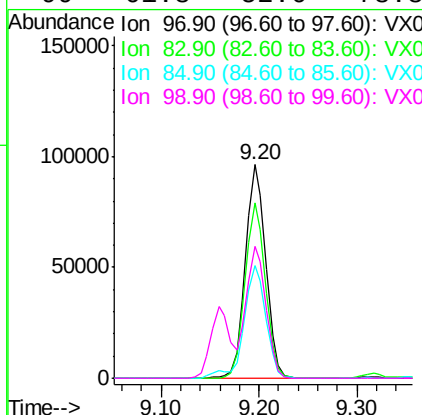
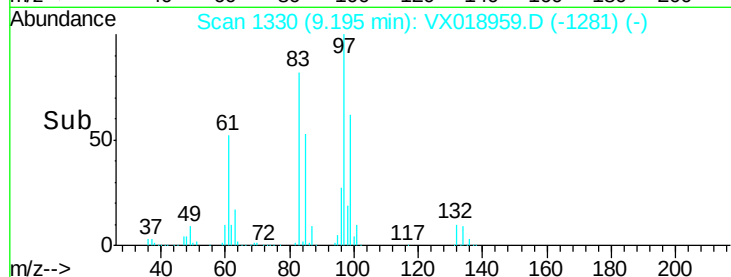
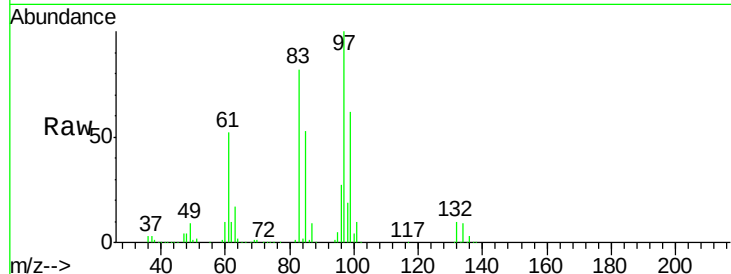
#55
 1,1,2-Trichloroethane
 Concen: 99.033 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		139510		
83	81.9	67.8	101.8		
85	53.0	45.7	68.5		
99	61.8	52.6	78.8		

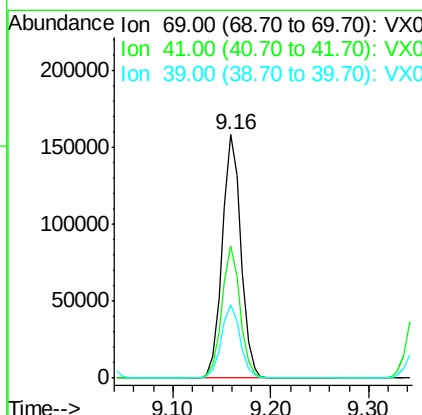
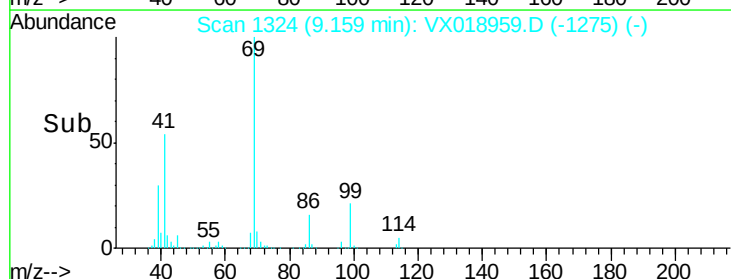
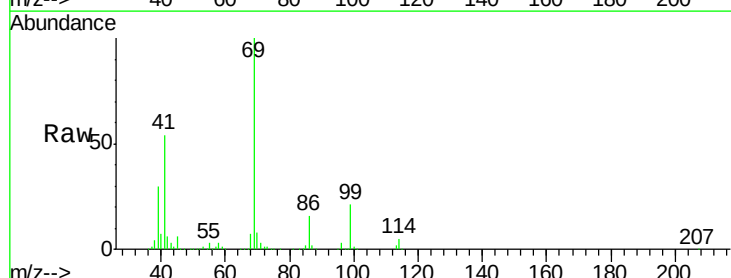
Manual Integrations
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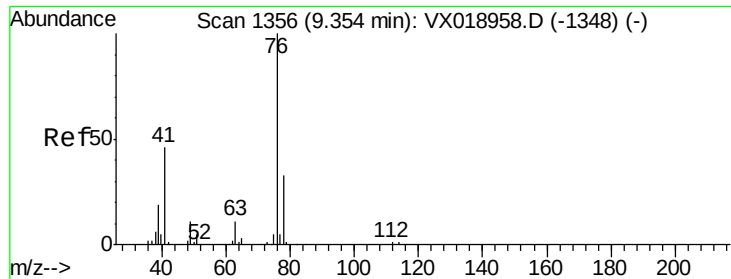
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#56
 Ethyl methacrylate
 Concen: 99.769 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		209270		
41	52.8	43.4	65.2		
39	30.2	25.0	37.4		





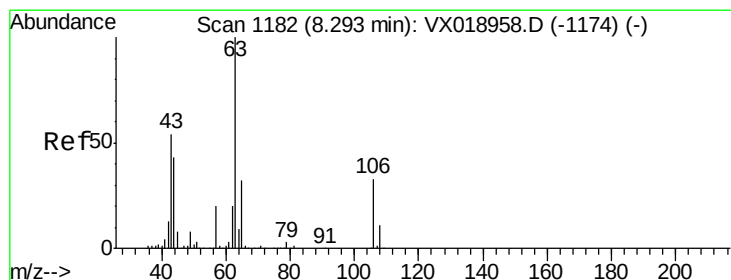
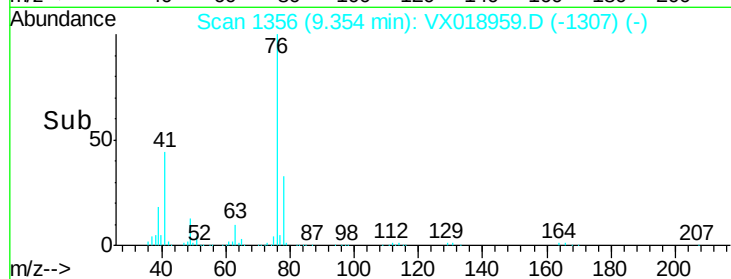
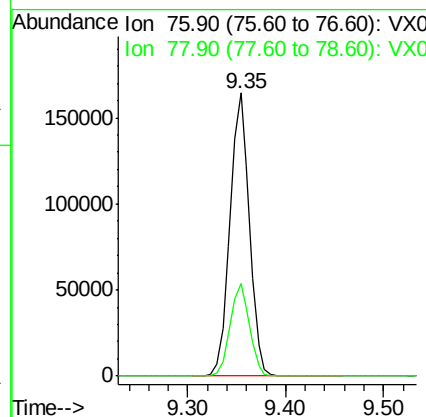
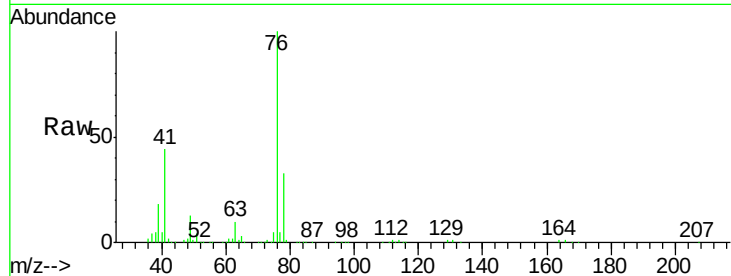
#57
 1,3-Dichloropropane
 Concen: 97.309 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 225841
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4

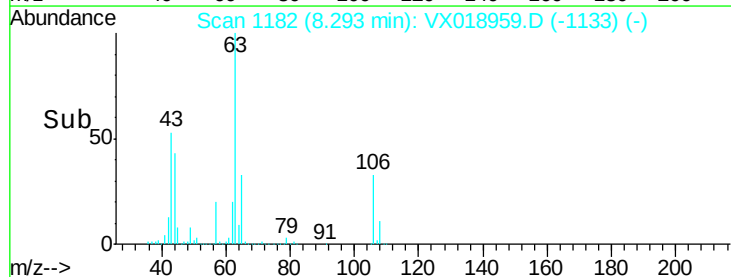
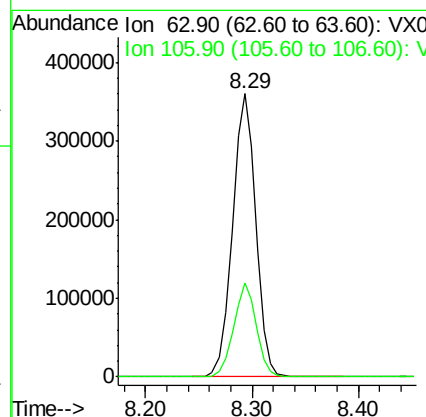
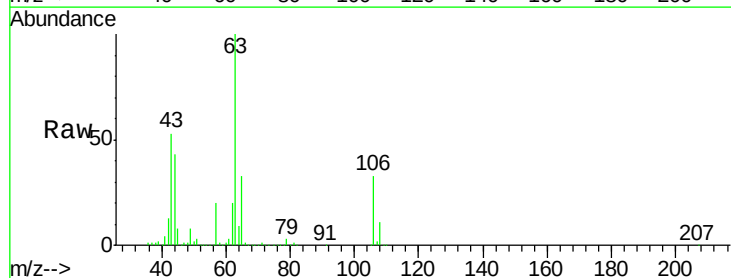
Manual Integrations
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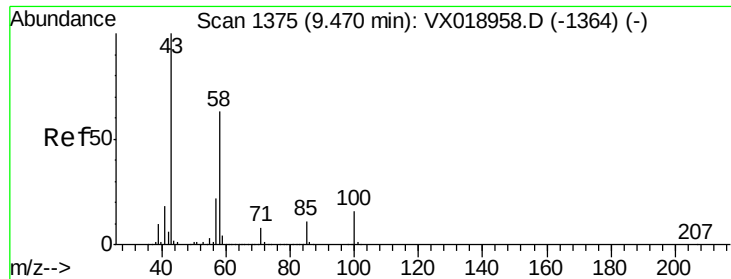
MMDadoda
 10/20/2020 4:52:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 566.143 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion: 63 Resp: 549886
 Ion Ratio Lower Upper
 63 100
 106 32.2 24.8 37.2





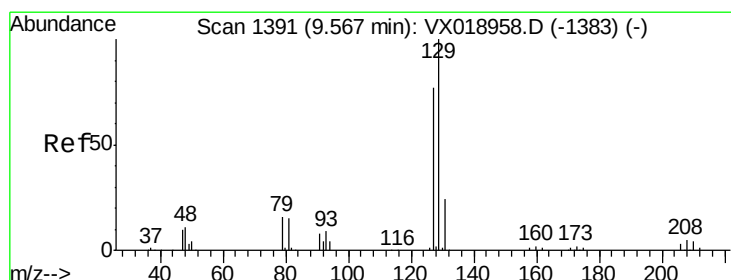
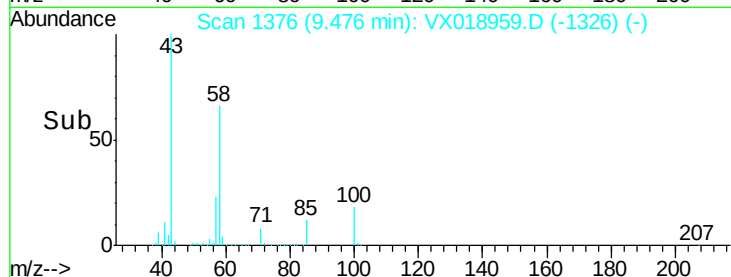
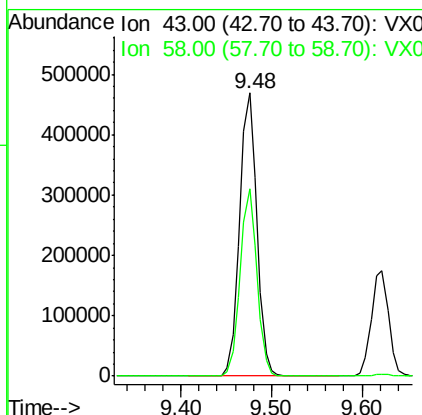
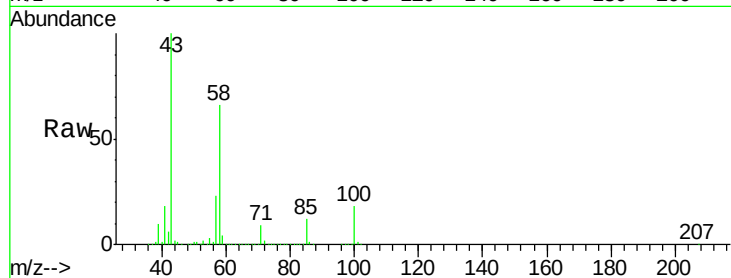
#59
2-Hexanone
Concen: 409.539 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 619693
Ion Ratio Lower Upper
43 100
58 64.6 31.7 95.1

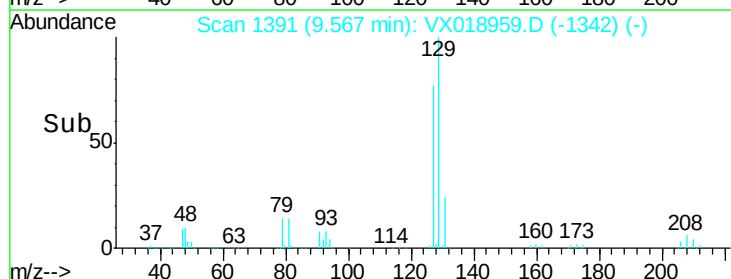
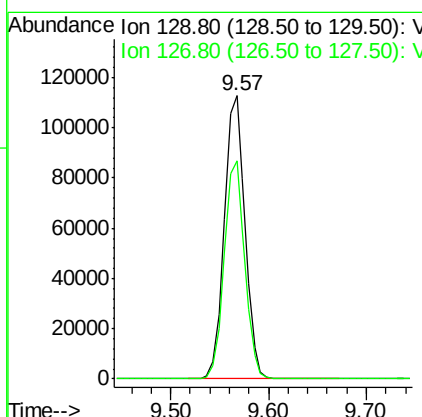
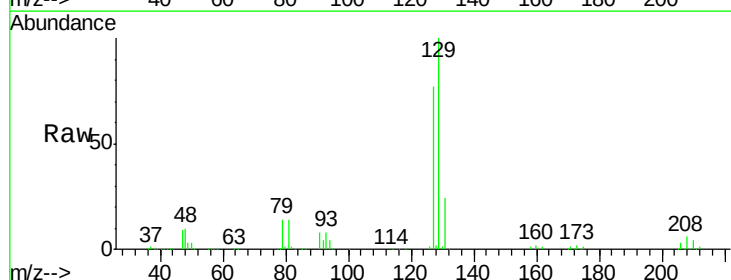
Manual Integrations
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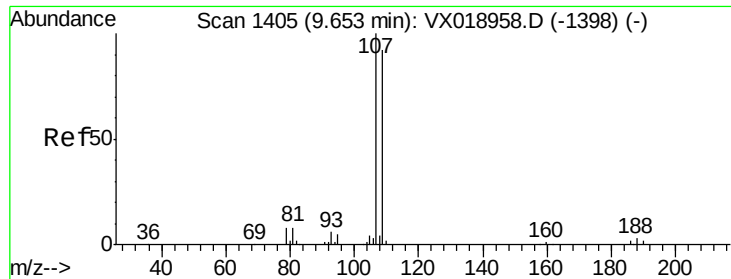
MMDadoda
10/20/2020 4:52:05 PM



#60
Dibromochloromethane
Concen: 100.310 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion: 129 Resp: 164636
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 97.802 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 149597

Ion Ratio Lower Upper

107 100

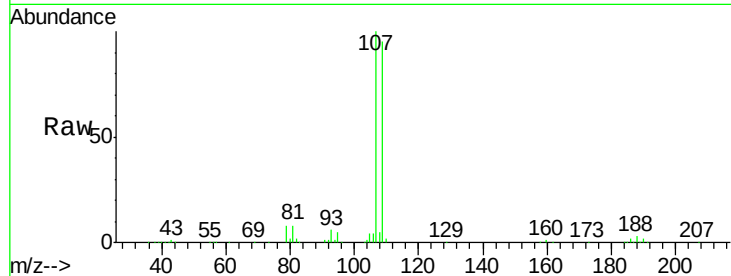
109 96.3 75.2 112.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

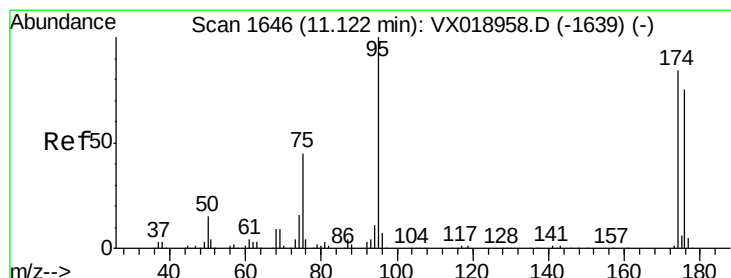
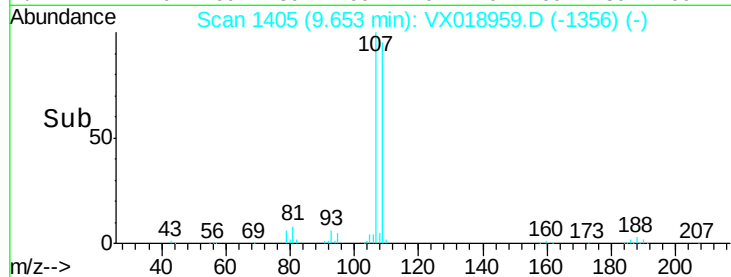
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 89.816 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

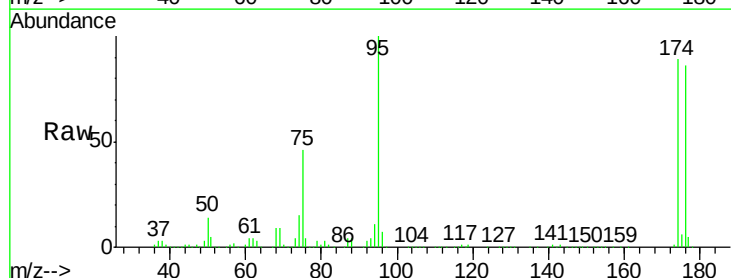
Tgt Ion: 95 Resp: 167439

Ion Ratio Lower Upper

95 100

174 86.7 0.0 164.6

176 84.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

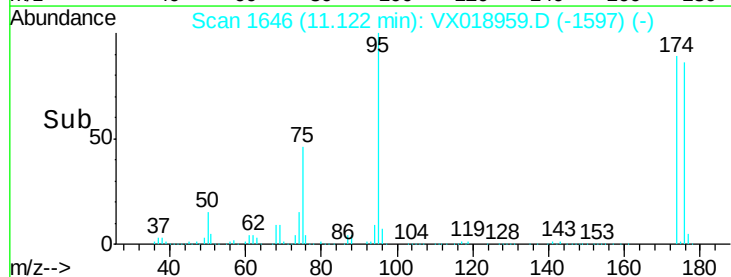
150000

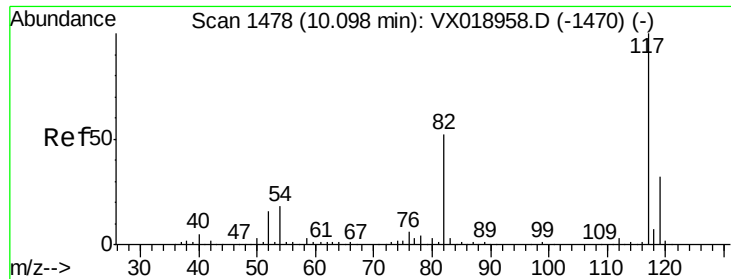
100000

50000

0

Time-->





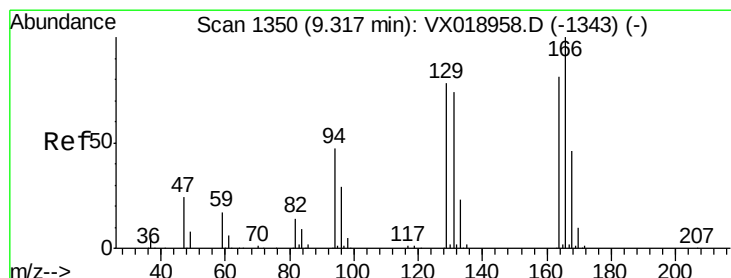
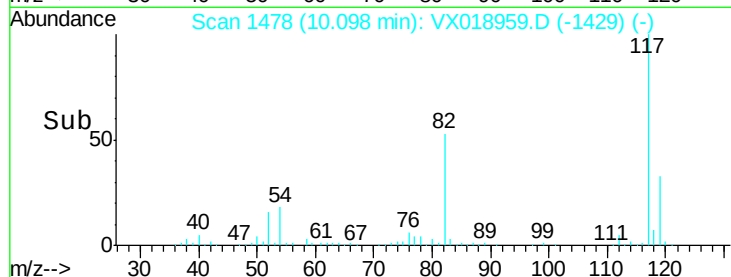
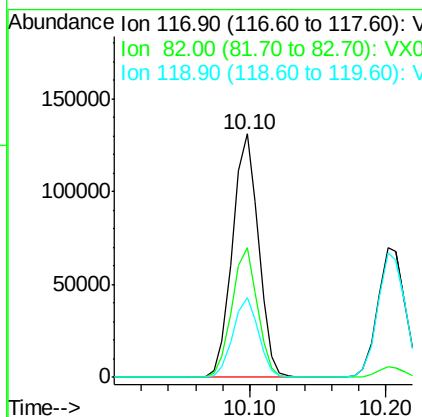
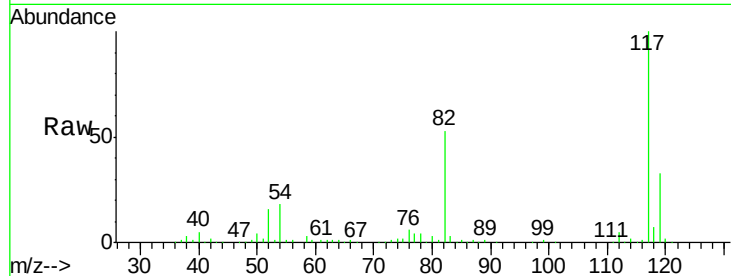
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.6	62.4
119	32.8	25.4	38.2

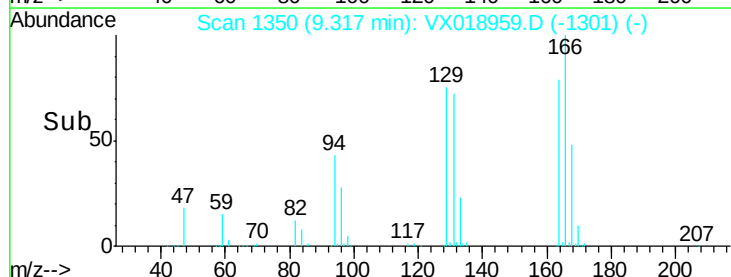
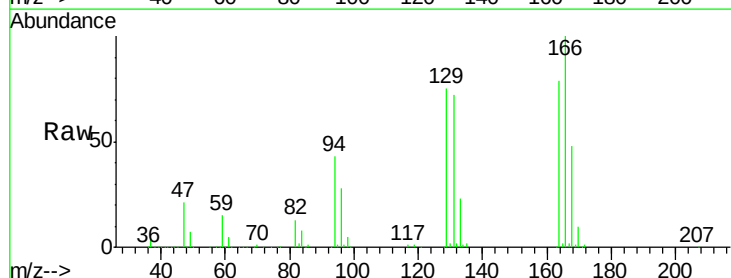
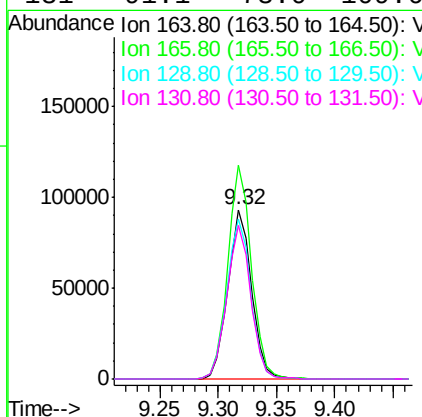
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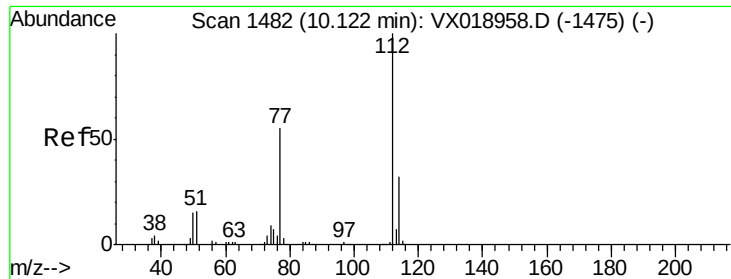
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#64
Tetrachloroethene
Concen: 103.931 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	98.9	148.3
129	94.6	77.0	115.4
131	91.1	73.0	109.6





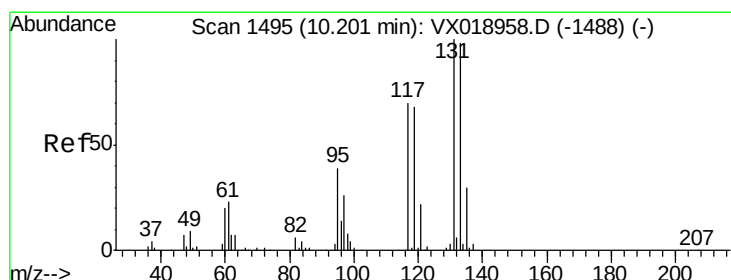
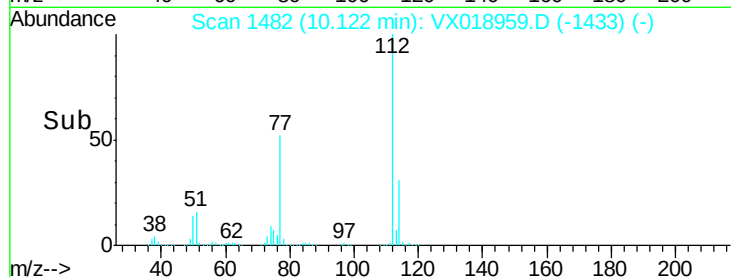
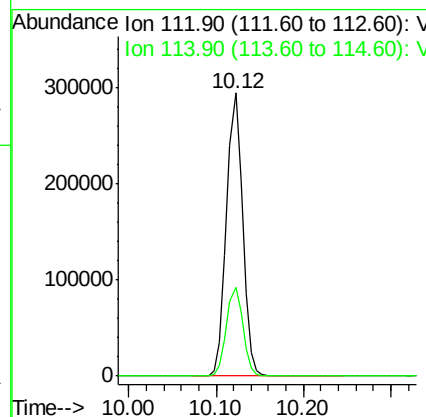
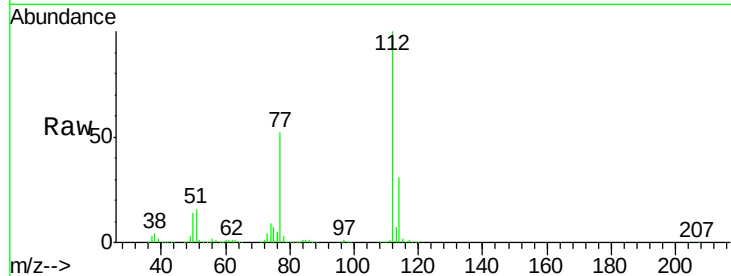
#65
Chlorobenzene
Concen: 107.693 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.6	38.4

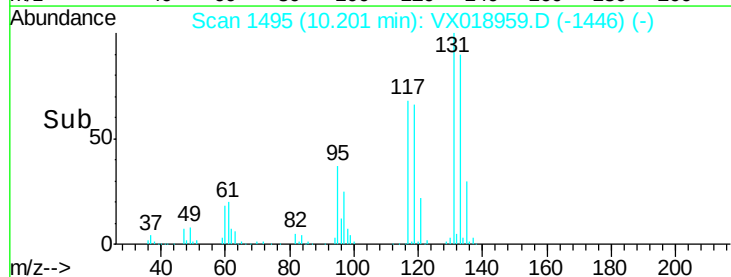
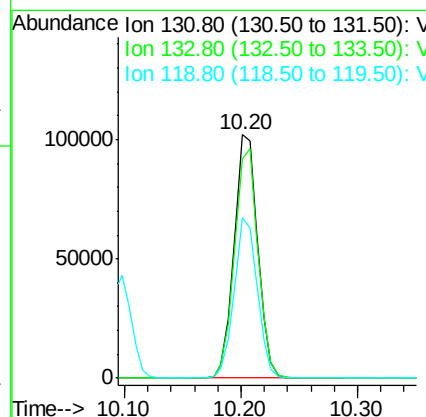
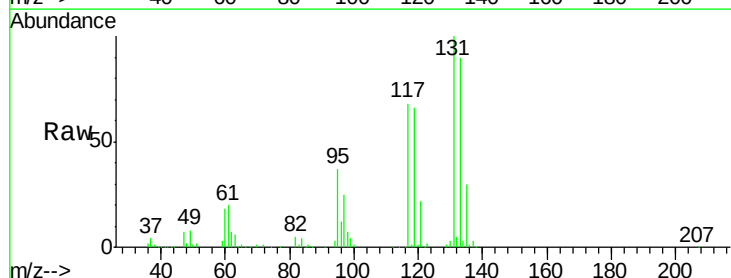
Manual Integrations
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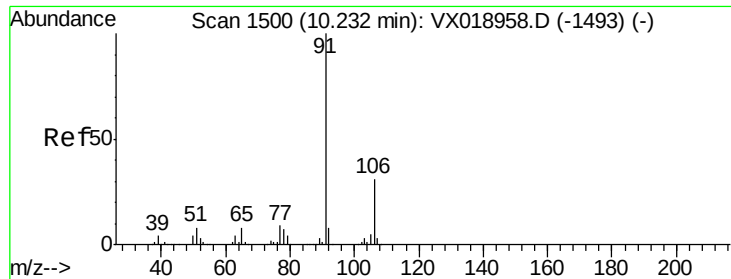
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 105.836 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.4	142.2
119	64.8	33.5	100.4





#67

Ethyl Benzene

Concen: 109.039 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 649637

Ion Ratio Lower Upper

91 100

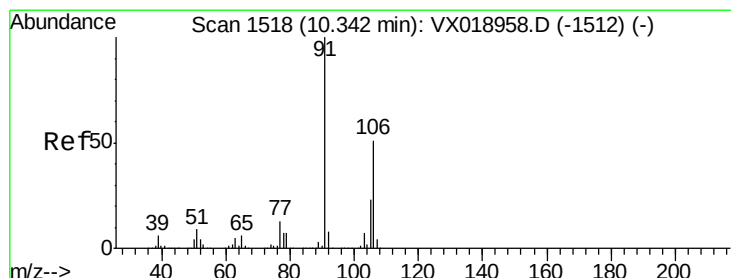
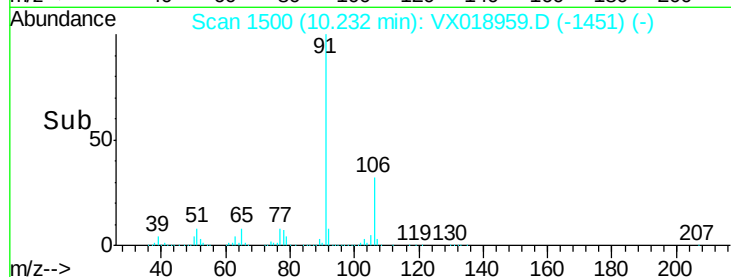
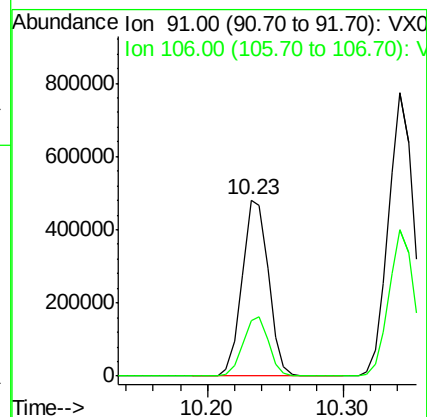
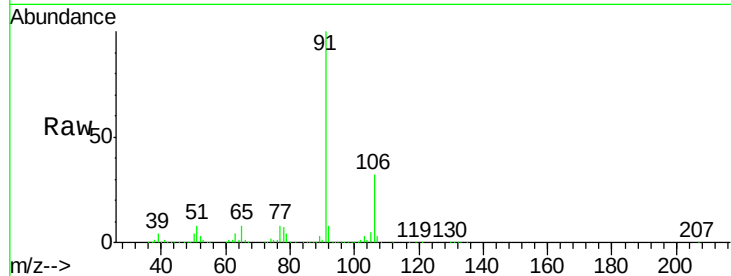
106 31.6 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 233.522 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018959.D

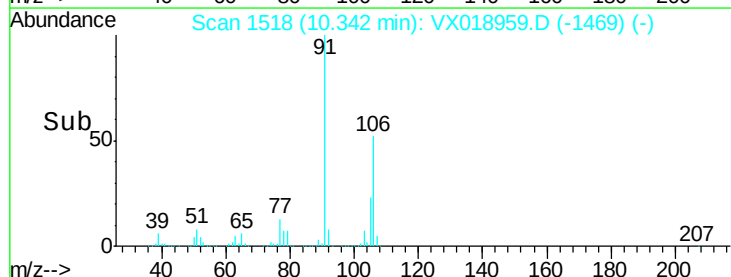
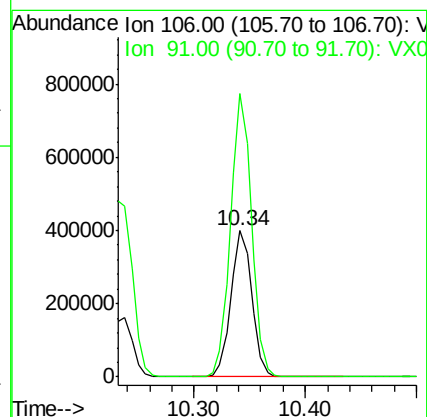
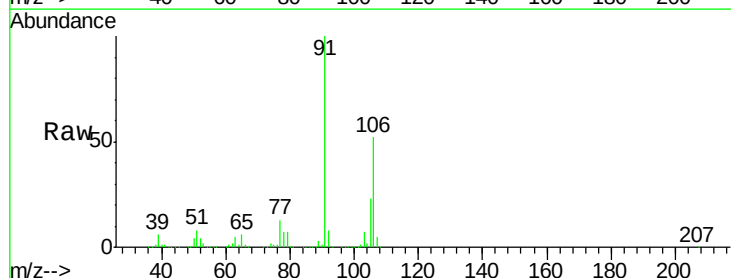
Acq: 19 Oct 2020 17:59

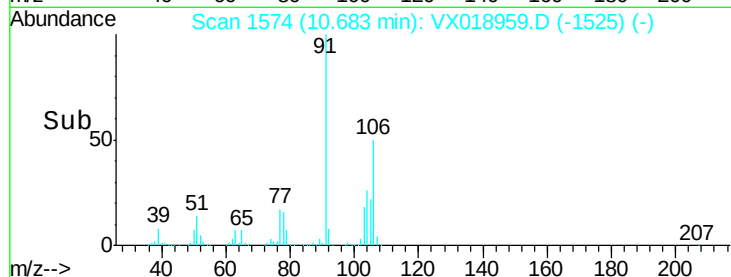
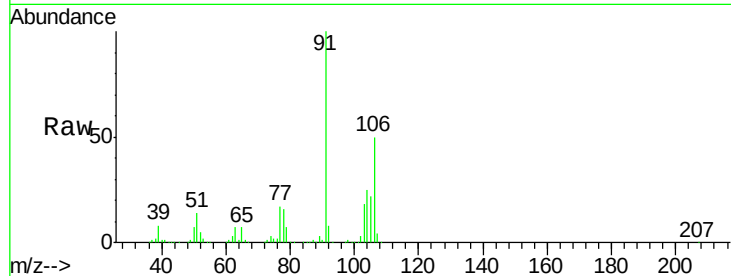
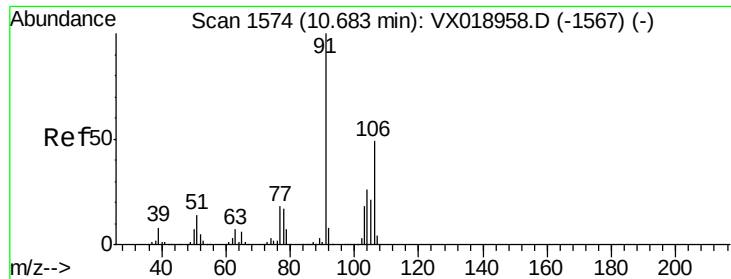
Tgt Ion: 106 Resp: 521683

Ion Ratio Lower Upper

106 100

91 193.6 156.7 235.1





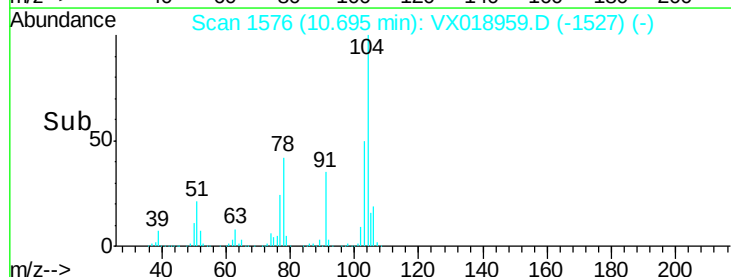
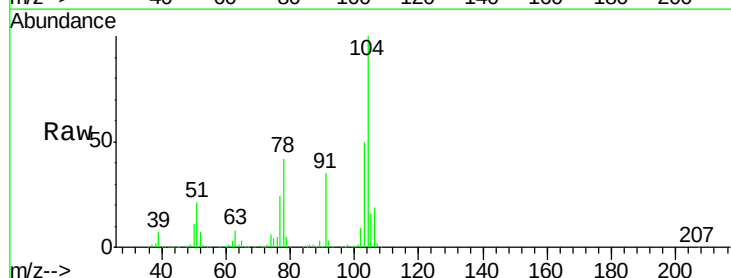
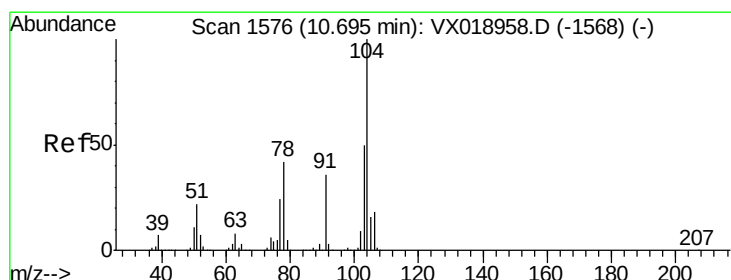
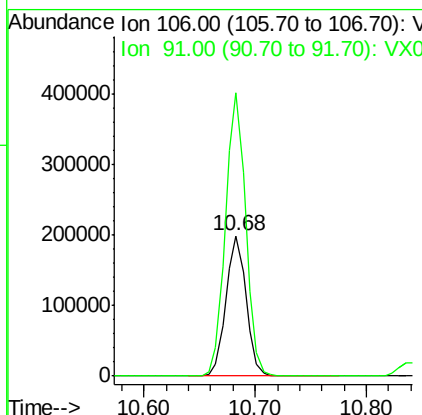
#69
o-Xylene
Concen: 114.833 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tot Ion:106 Resp: 249674
Ion Ratio Lower Upper
106 100
91 201.9 102.4 307.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

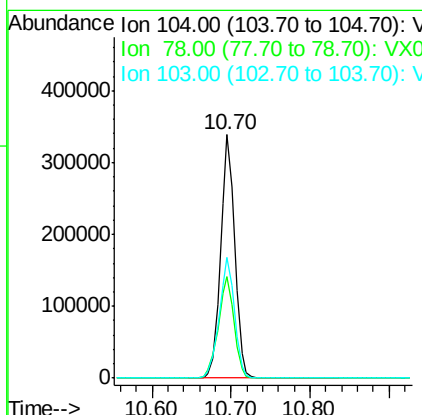
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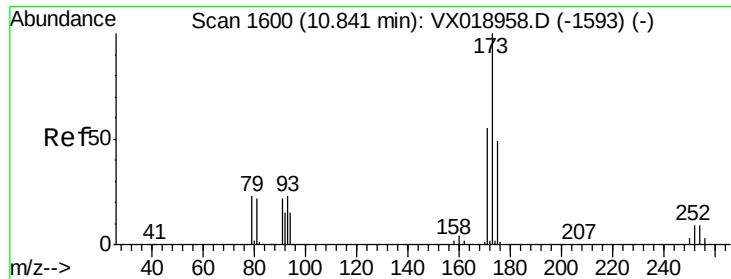
MMDadoda
10/20/2020 4:52:05 PM



#70
Styrene
Concen: 114.678 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion:104 Resp: 421971
Ion Ratio Lower Upper
104 100
78 46.5 37.9 56.9
103 54.0 43.7 65.5





#71

Bromoform

Concen: 107.679 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 124730

Ion Ratio Lower Upper

173 100

175 49.1 23.7 71.1

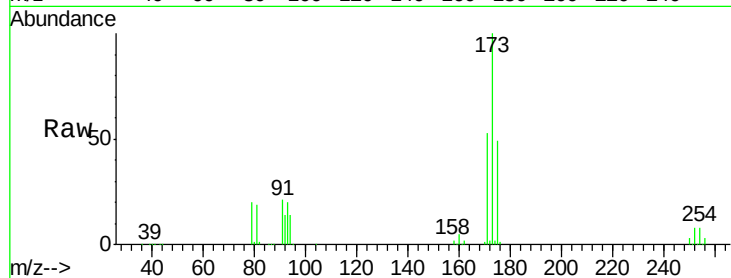
254 0.1 0.0 0.0#

Manual Integrations

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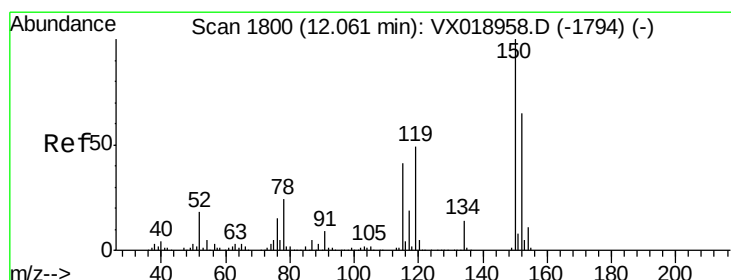
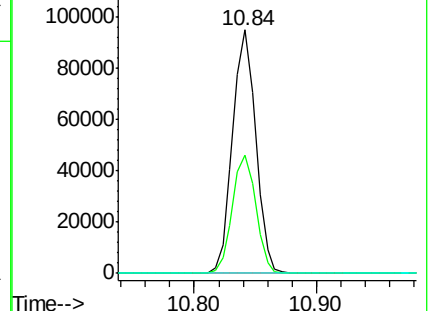
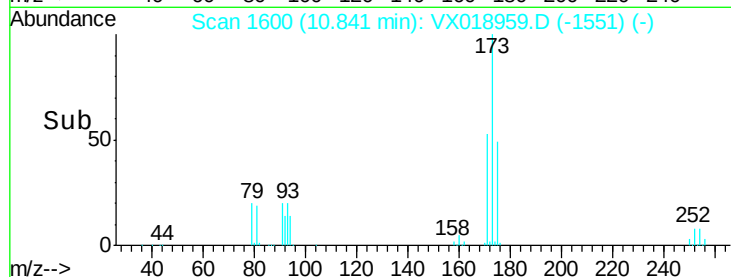
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX018959.D

Acq: 19 Oct 2020 17:59

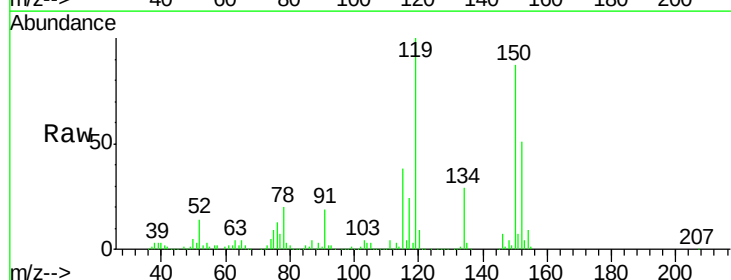
Tgt Ion:152 Resp: 91229

Ion Ratio Lower Upper

152 100

115 105.8 40.8 122.2

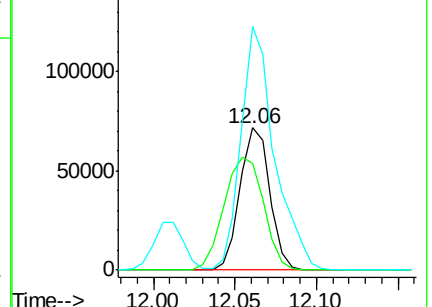
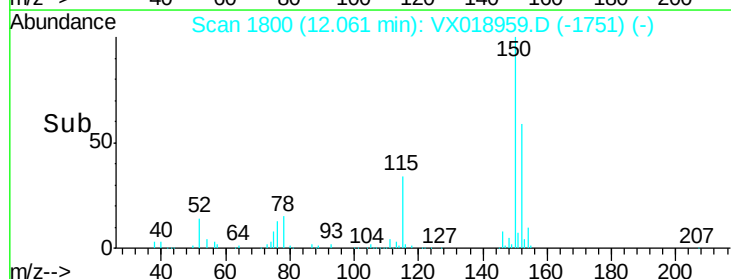
150 194.0 0.0 352.0

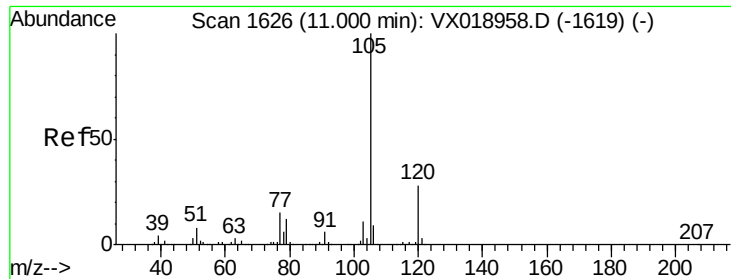


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 109.664 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 660254

Ion Ratio Lower Upper

105 100

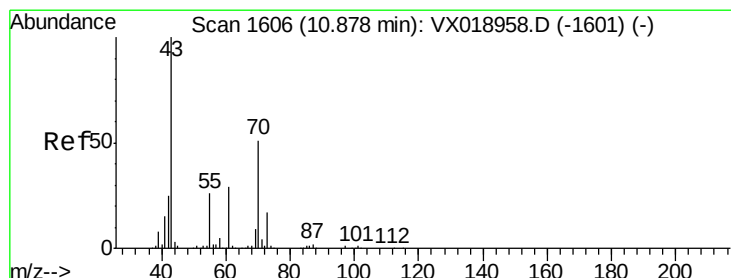
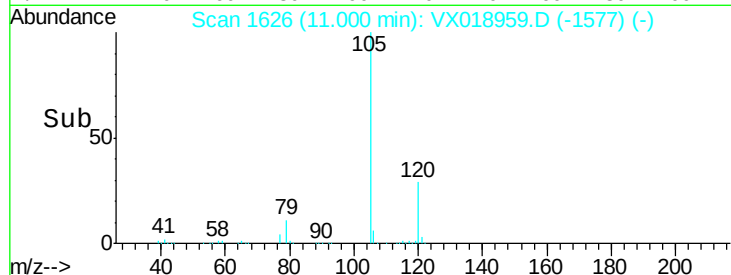
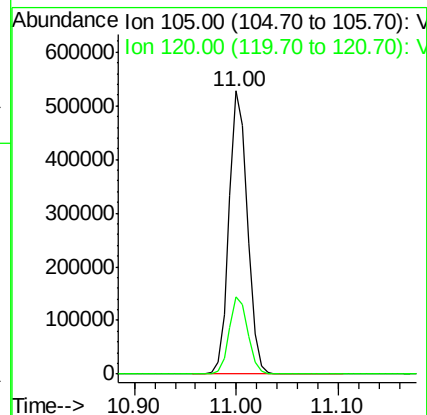
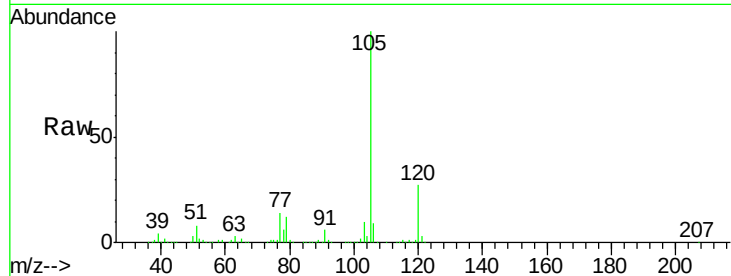
120 27.3 13.9 41.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 83.905 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tgt Ion: 43 Resp: 227866

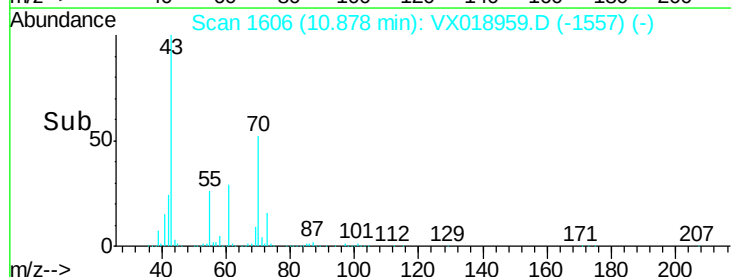
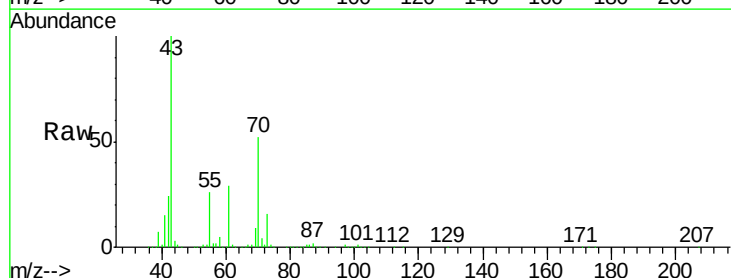
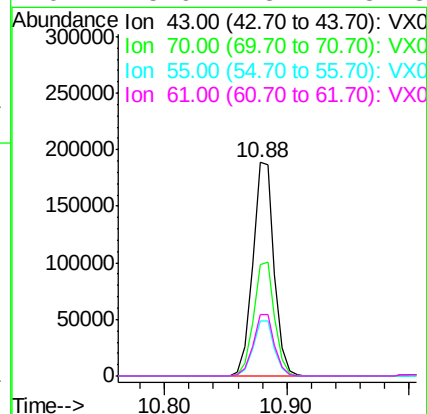
Ion Ratio Lower Upper

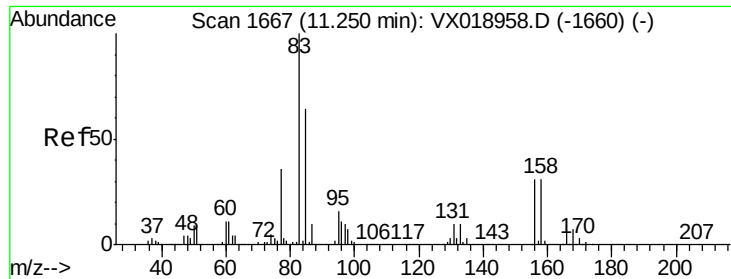
43 100

70 53.0 42.4 63.6

55 26.0 21.0 31.6

61 28.9 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 96.687 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

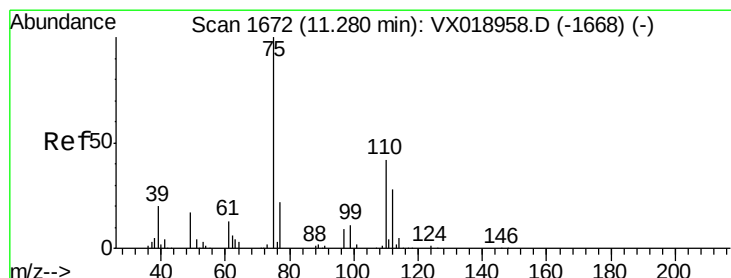
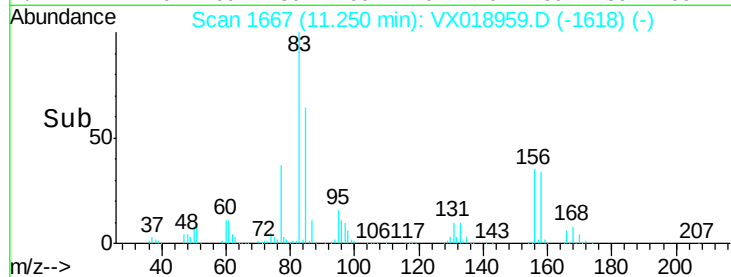
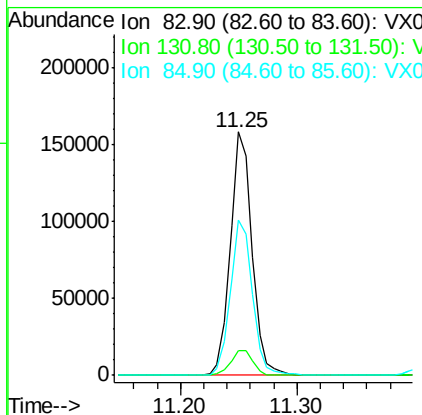
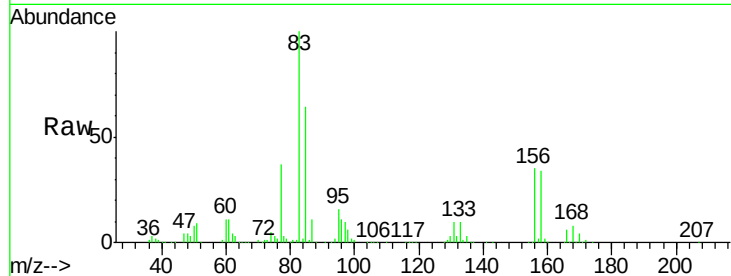
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	204848
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	15.9
85	65.2	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 91.686 ug/l m

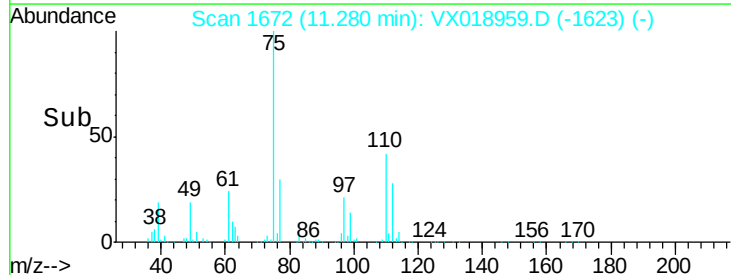
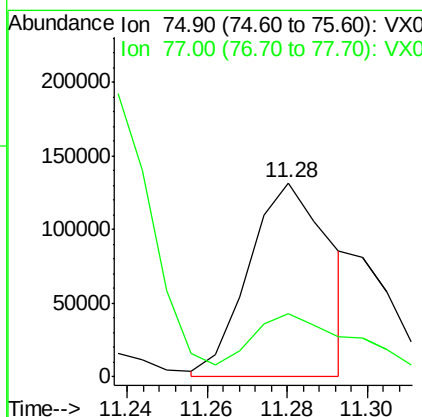
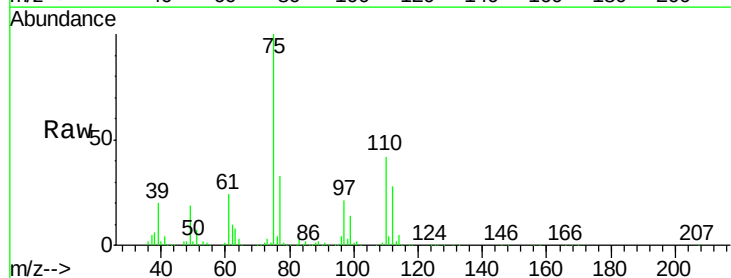
RT: 11.28 min Scan# 1672

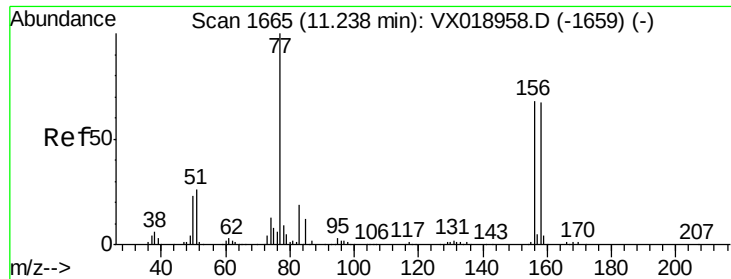
Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Tgt Ion:	75	Resp:	183876
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.1	63.1





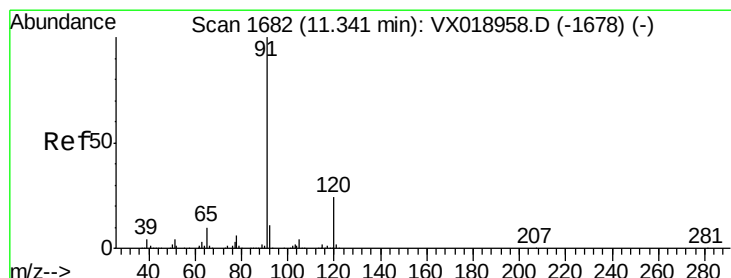
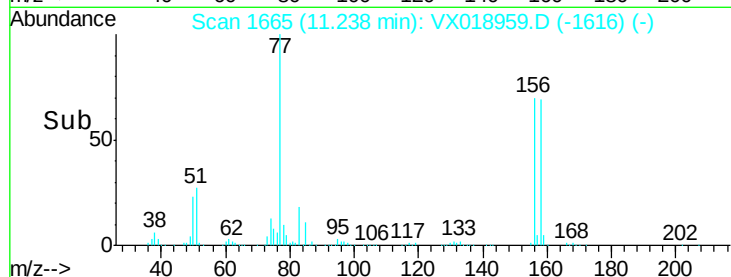
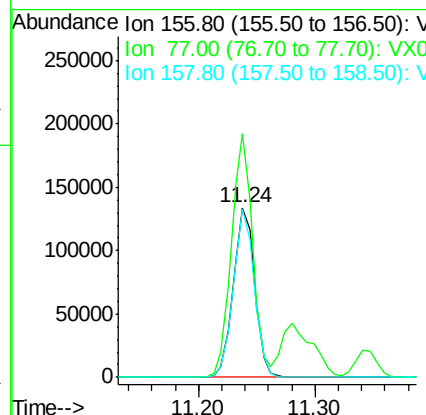
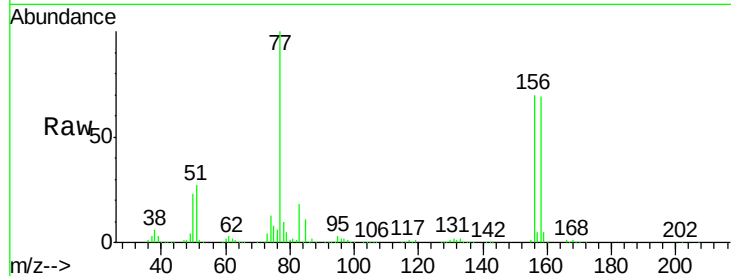
#77
Bromobenzene
Concen: 103.388 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	142.3	77.4	232.2
158	97.2	50.6	151.9

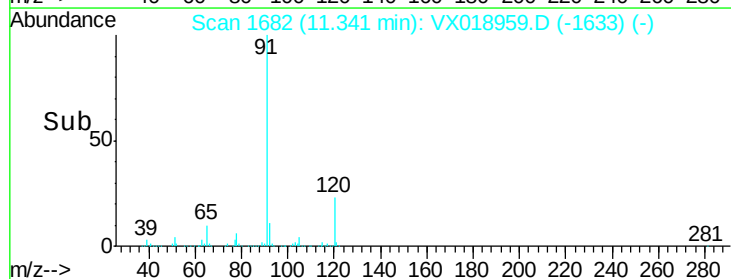
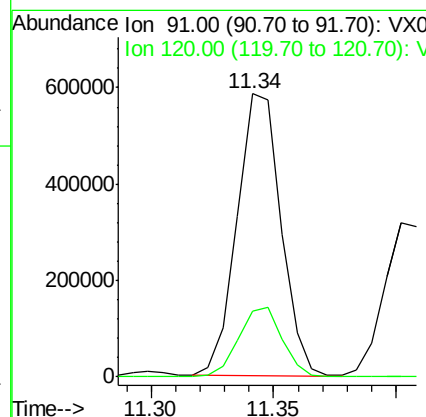
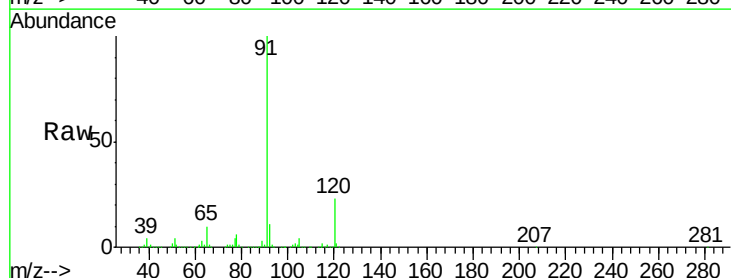
Manual Integrations
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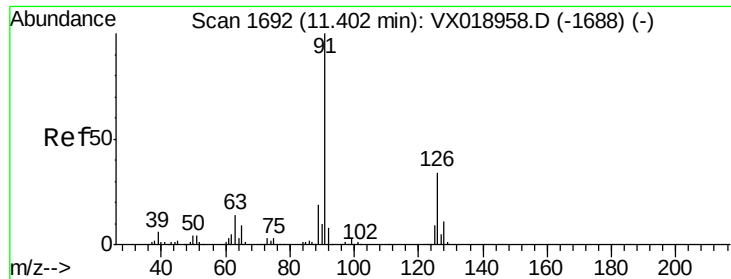
MMDadoda
10/20/2020 4:52:05 PM



#78
n-propylbenzene
Concen: 106.912 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.2	36.4





#79

2-Chlorotoluene

Concen: 100.359 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 421000

Ion Ratio Lower Upper

91 100

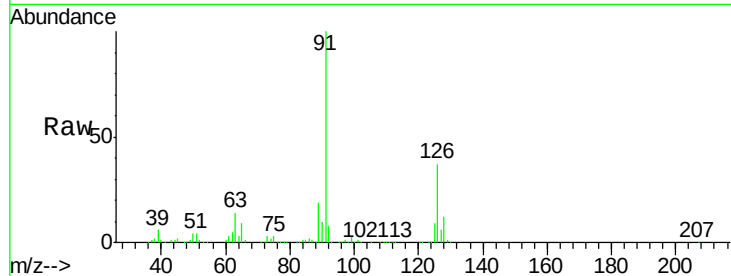
126 36.6 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018958.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018958.D (-1688) (-)

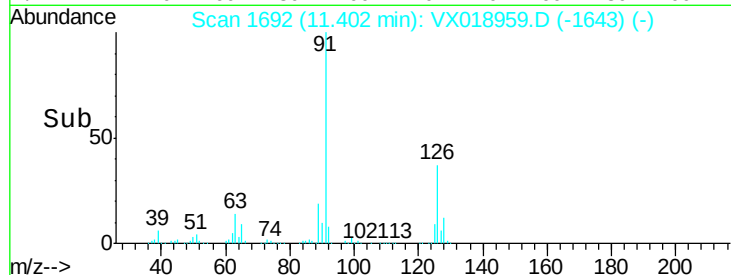
600000

400000

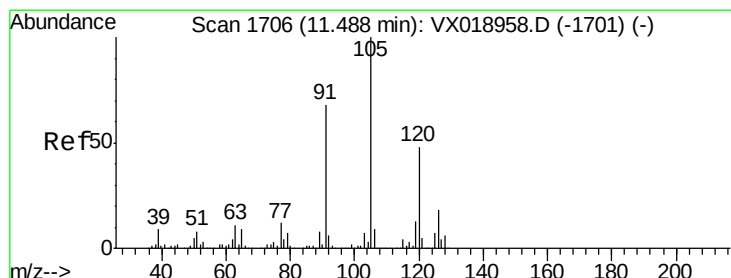
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 111.224 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018959.D

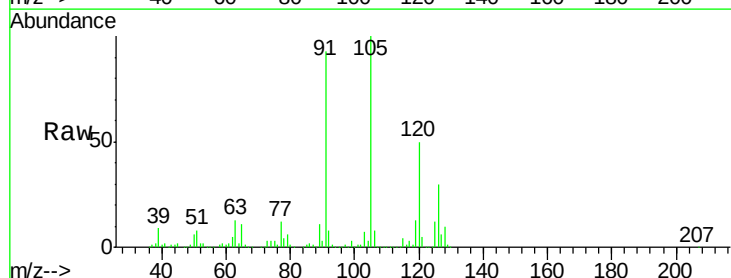
Acq: 19 Oct 2020 17:59

Tgt Ion: 105 Resp: 552408

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX018958.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018958.D (-1701) (-)

500000

400000

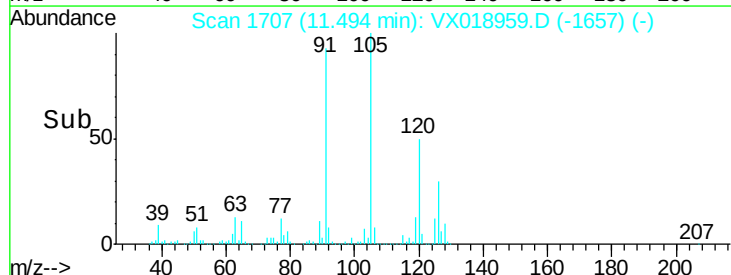
300000

200000

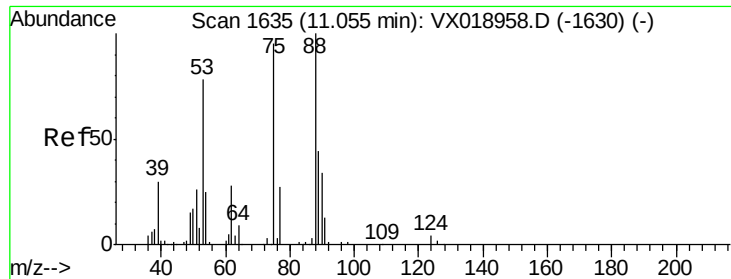
100000

0

11.40 11.50 11.60



Time-->



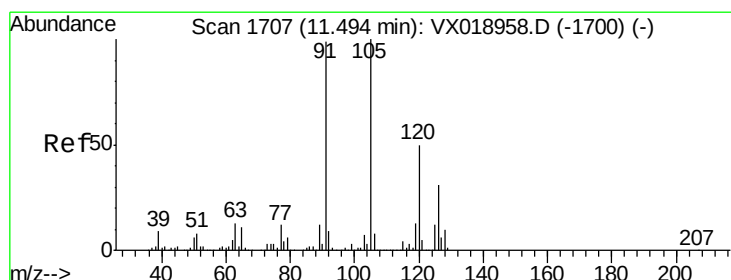
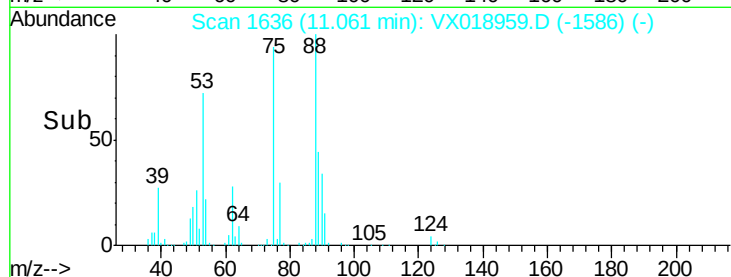
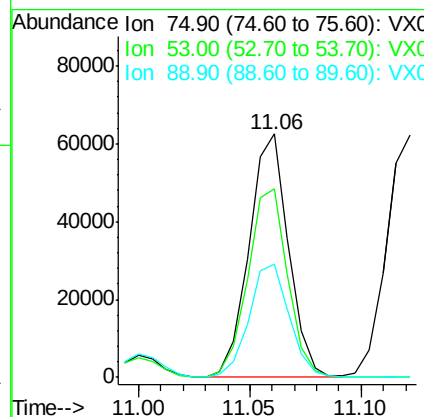
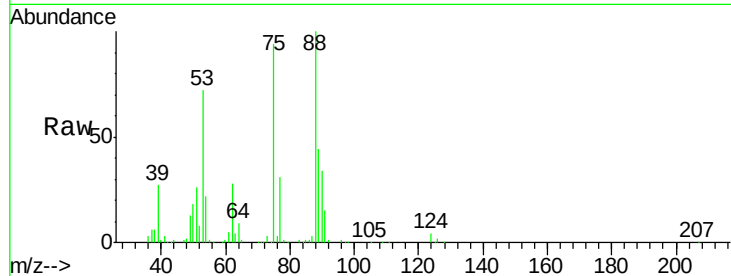
#81
trans-1,4-Dichloro-2-butene
Concen: 102.055 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	78.8	64.2	96.2
89	48.0	38.6	58.0

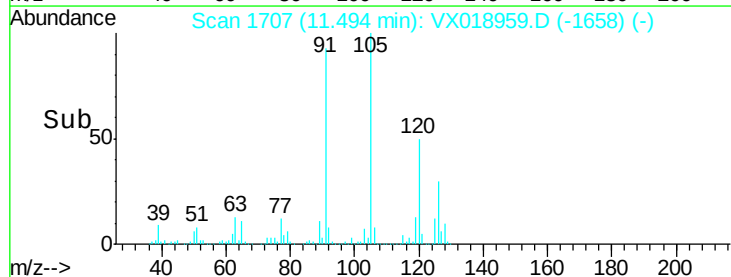
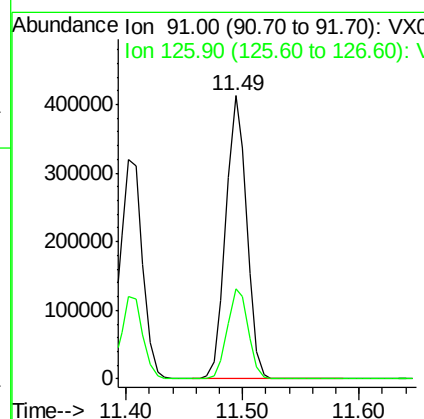
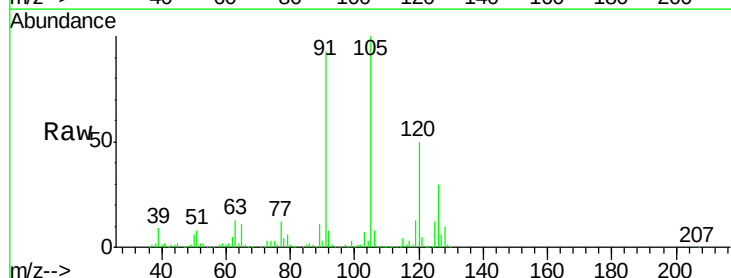
Manual Integrations
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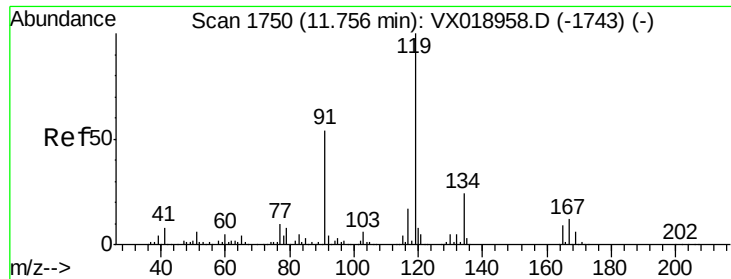
MMDadoda
10/20/2020 4:52:05 PM



#82
4-Chlorotoluene
Concen: 101.949 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.8	47.4





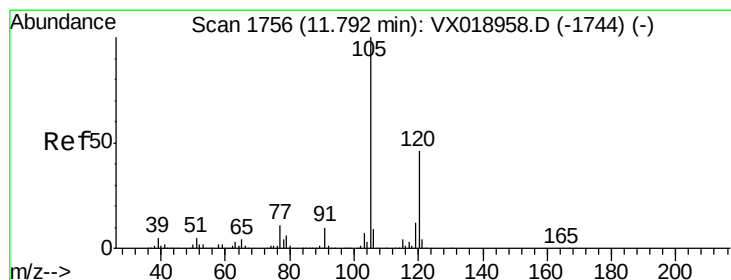
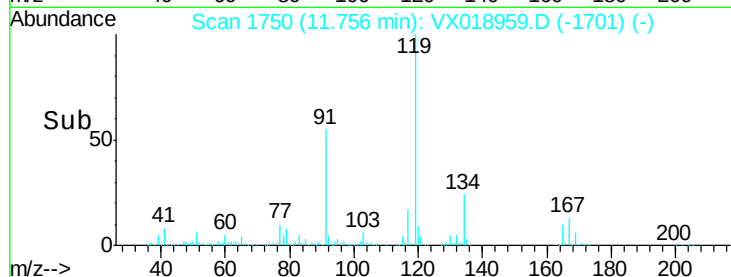
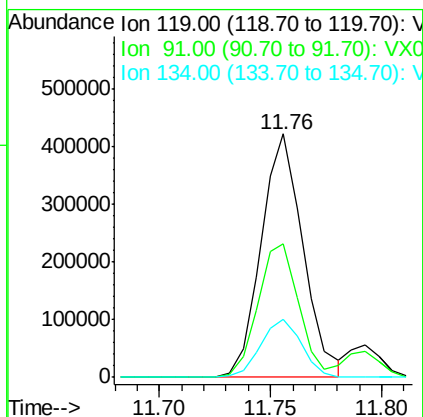
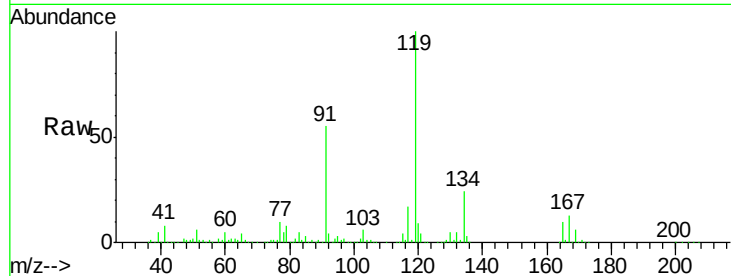
#83
 tert-Butylbenzene
 Concen: 112.230 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	553477		
91	53.5		27.2	81.6
134	23.2		11.8	35.4

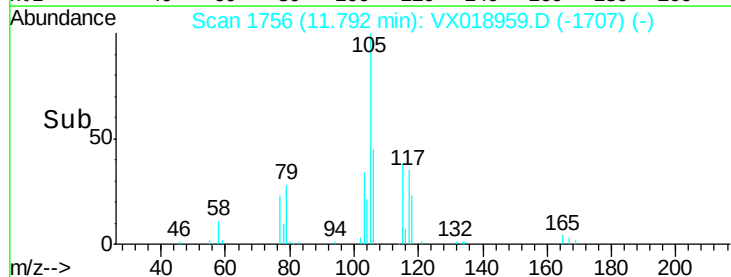
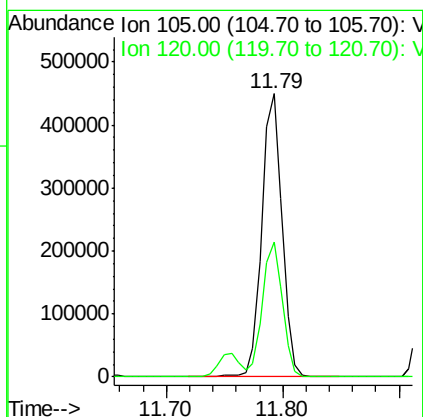
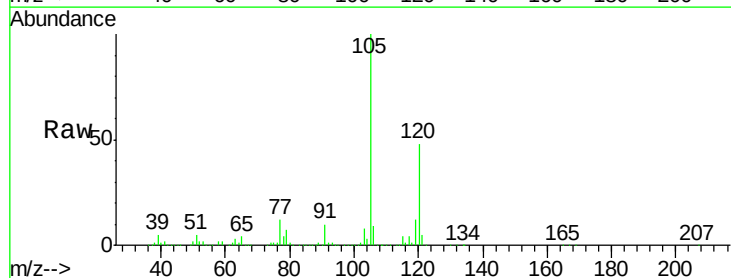
Manual Integrations
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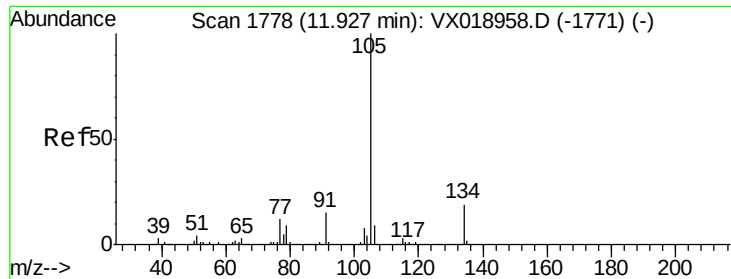
MMDadoda
 10/20/2020 4:52:05 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 107.686 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	546354		
120	47.3		22.9	68.5





#85

sec-Butylbenzene

Concen: 113.034 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 635649

Ion Ratio Lower Upper

105 100

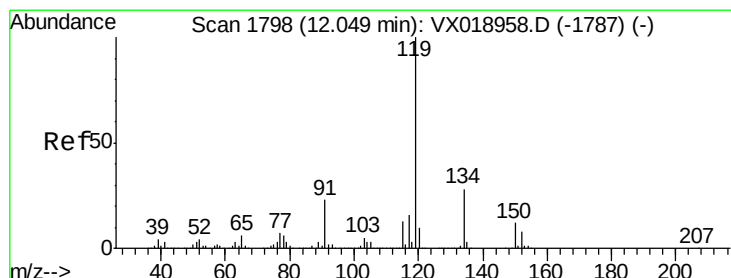
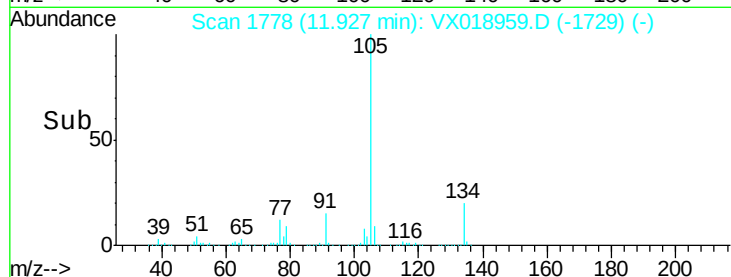
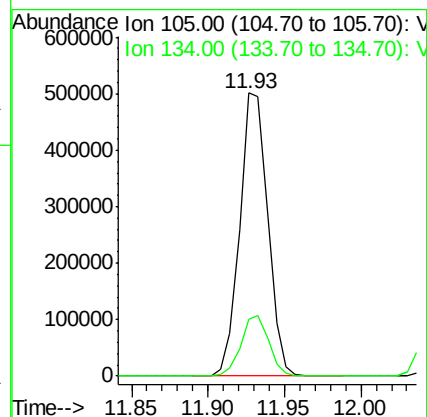
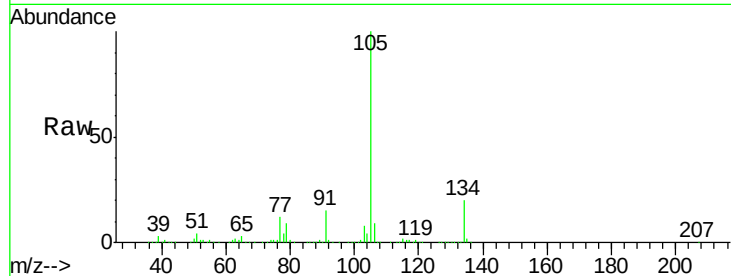
134 21.1 10.3 30.8

Manual Integrations

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10/20/2020 4:52:05 PM



#86

p-Isopropyltoluene

Concen: 117.766 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018959.D

Acq: 19 Oct 2020 17:59

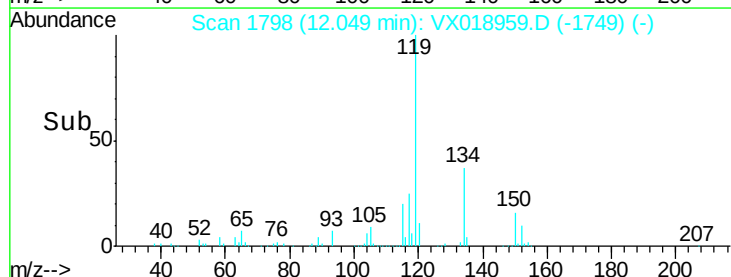
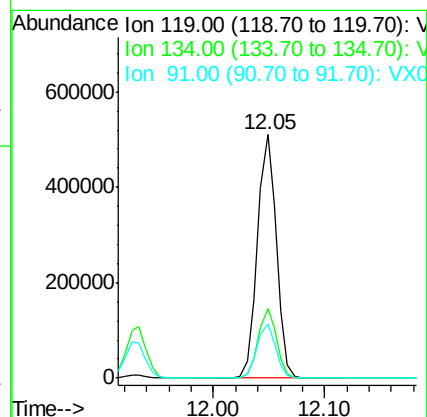
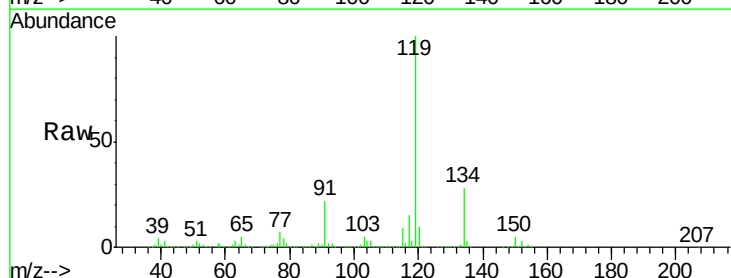
Tgt Ion:119 Resp: 605512

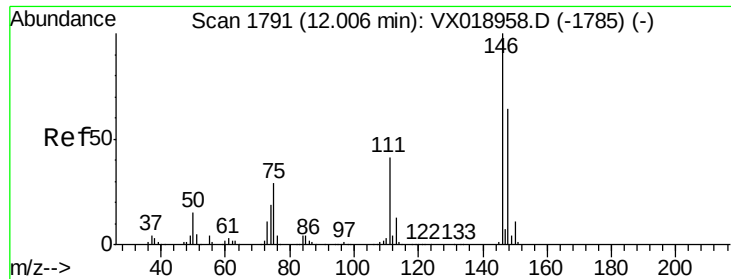
Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.4

91 22.0 11.5 34.5





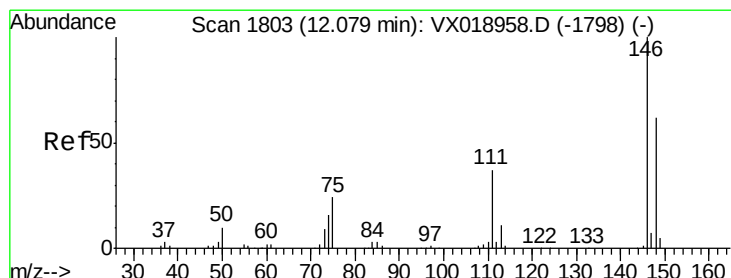
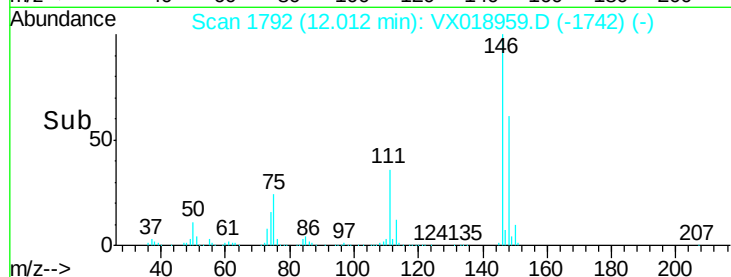
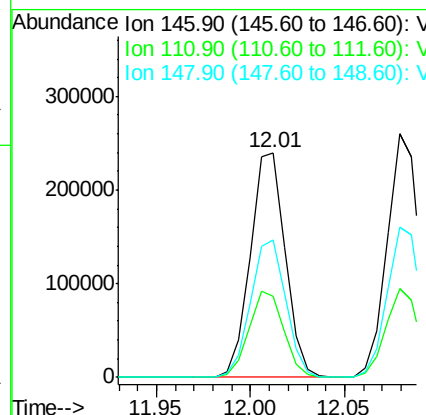
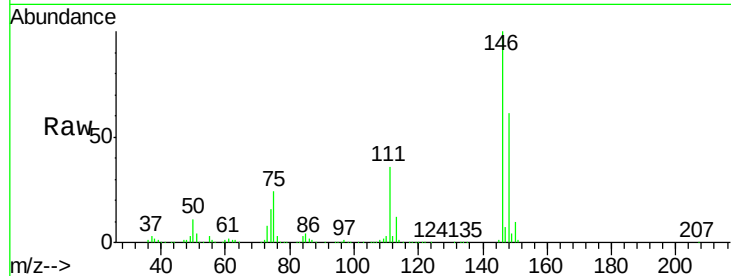
#87
 1,3-Dichlorobenzene
 Concen: 105.575 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.8	59.4
148	61.5	32.4	97.2

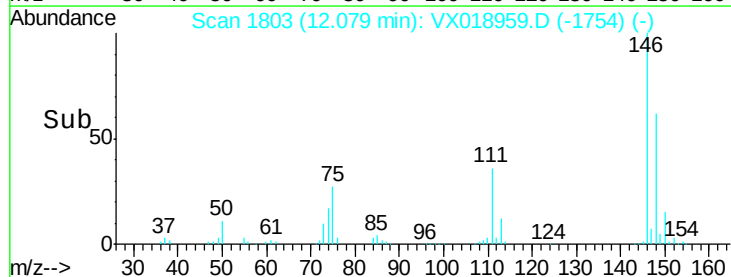
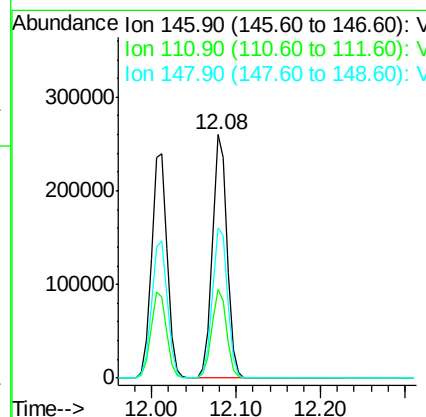
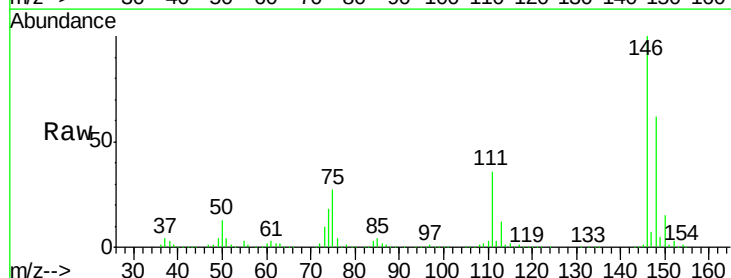
Manual Integrations
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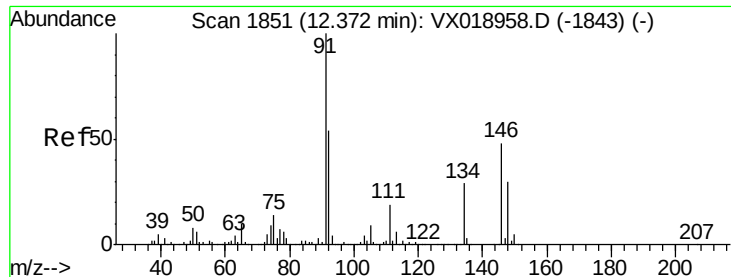
MMDadoda
 10/20/2020 4:52:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 107.108 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.8	56.3
148	63.8	31.7	95.1





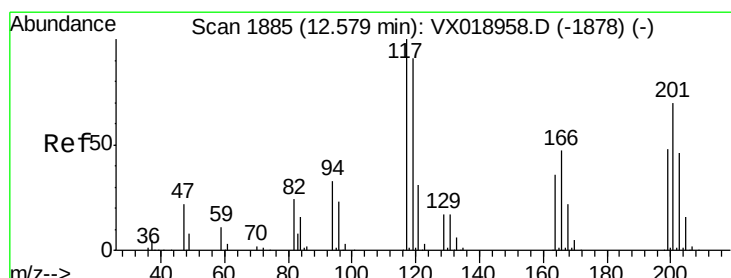
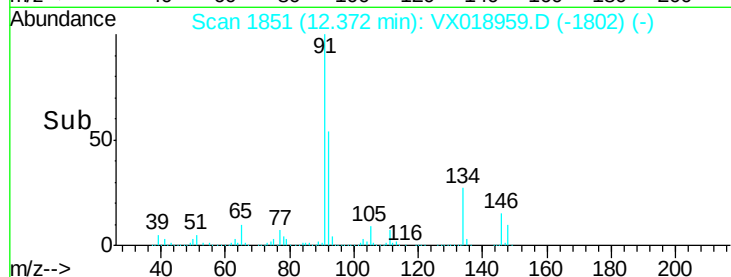
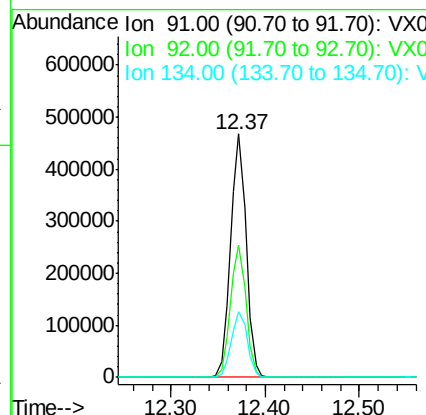
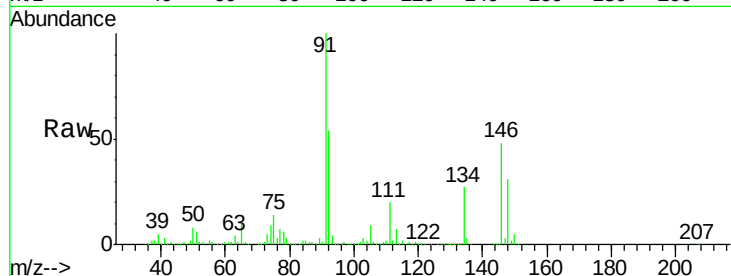
#89
n-Butylbenzene
Concen: 113.556 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.5
134	27.8	14.2	42.6

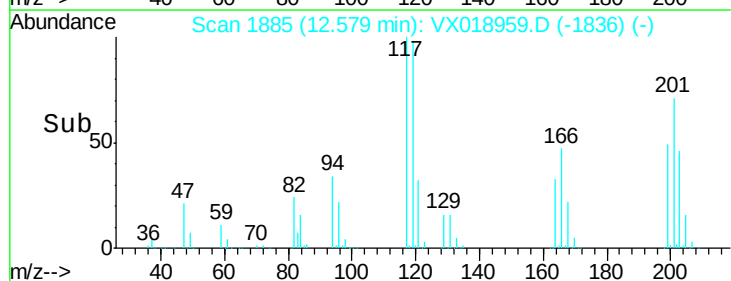
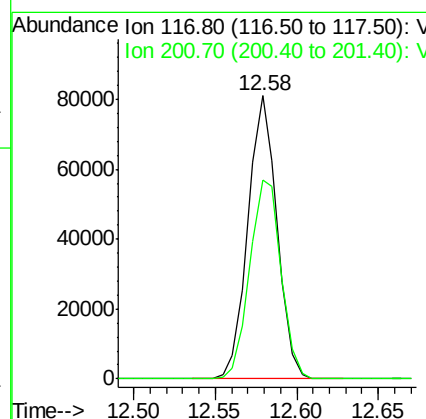
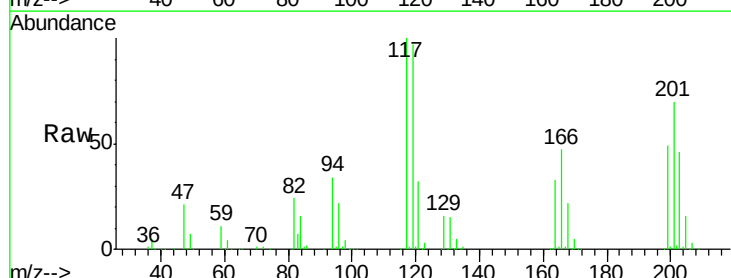
Manual Integrations
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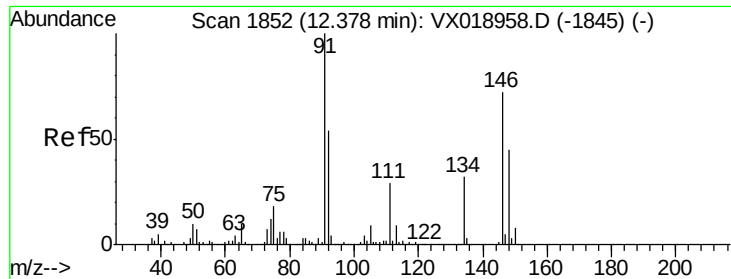
MMDadoda
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#90
Hexachloroethane
Concen: 102.110 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	36.9	110.7





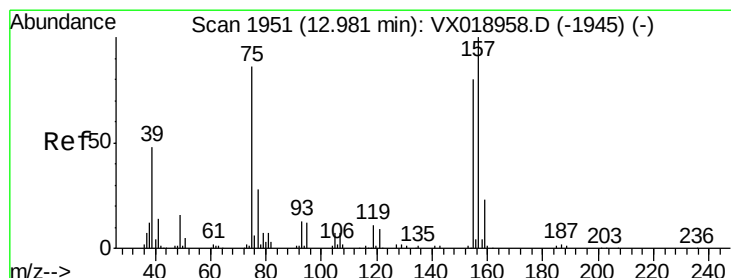
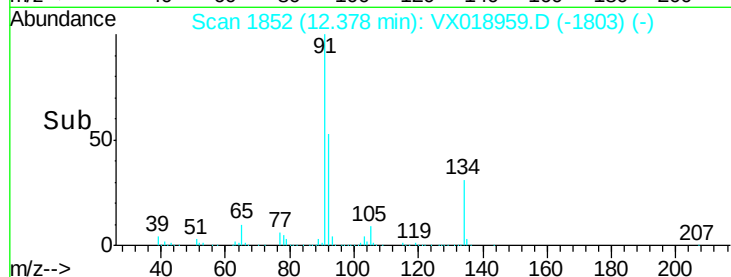
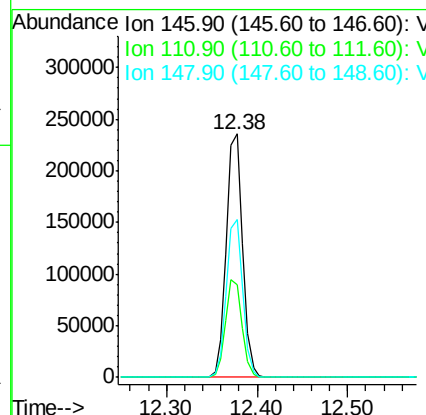
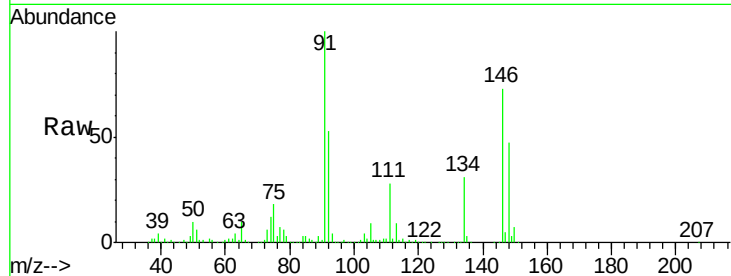
#91
 1,2-Dichlorobenzene
 Concen: 106.885 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	295392		
111	40.5	20.2	60.6	
148	65.0	31.4	94.0	

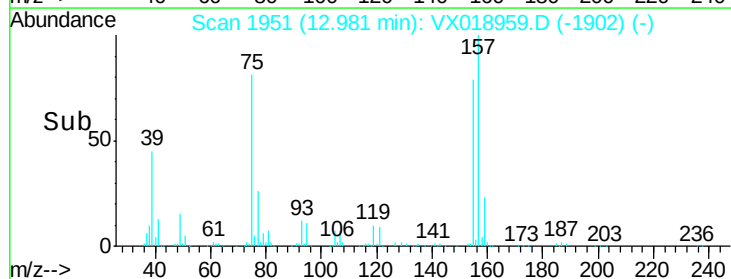
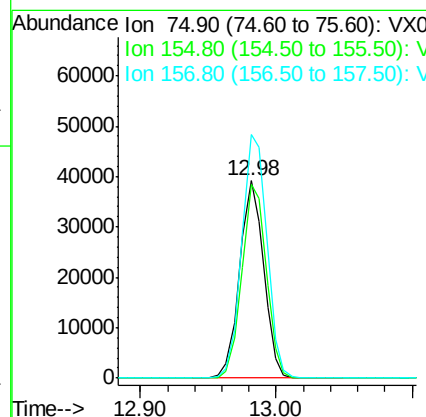
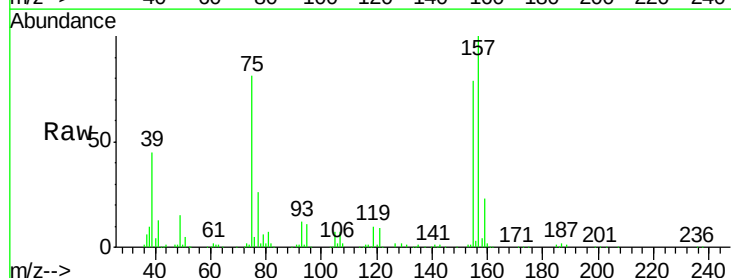
Manual Integrations
 APPROVED

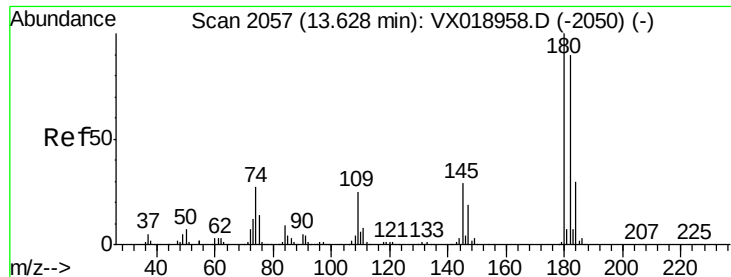
MMDadoda
 10/20/2020 4:52:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.046 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48227		
155	99.3	48.2	144.6	
157	128.4	62.2	186.6	





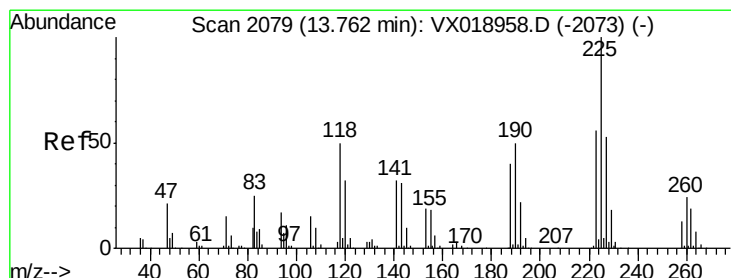
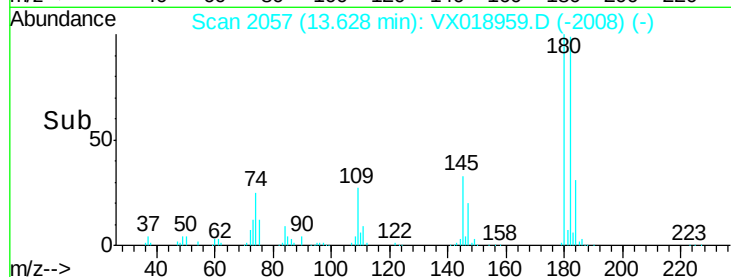
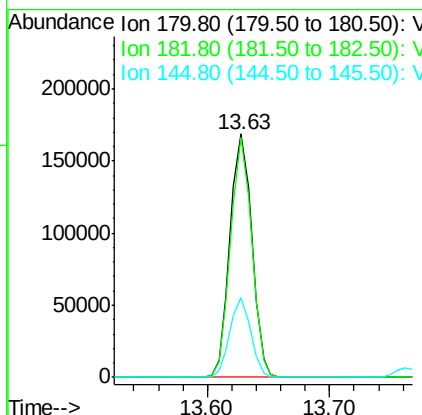
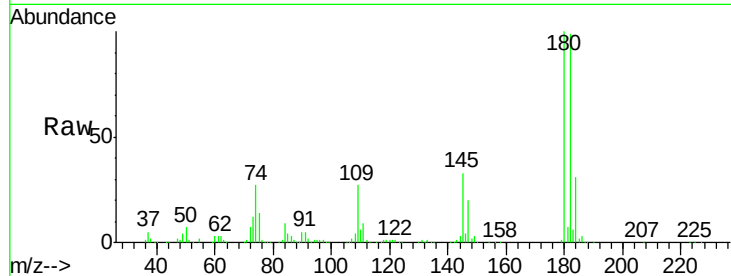
#93
 1,2,4-Trichlorobenzene
 Concen: 113.005 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	180	Resp:	208285
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.3	138.9
145	31.5	15.5	46.5

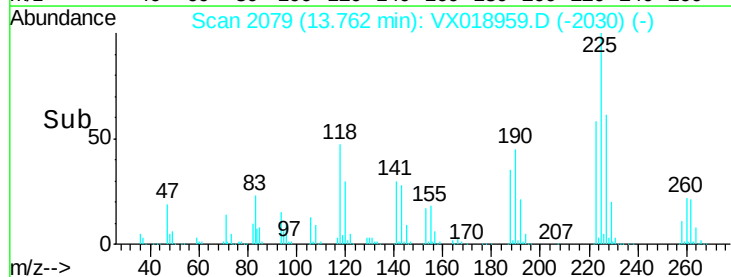
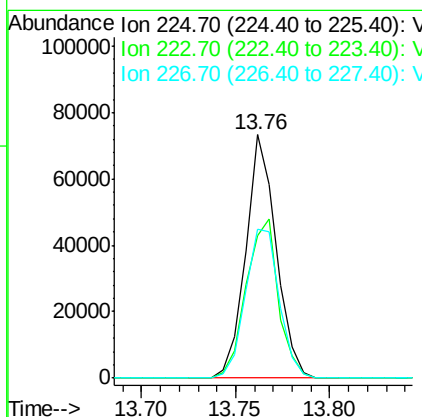
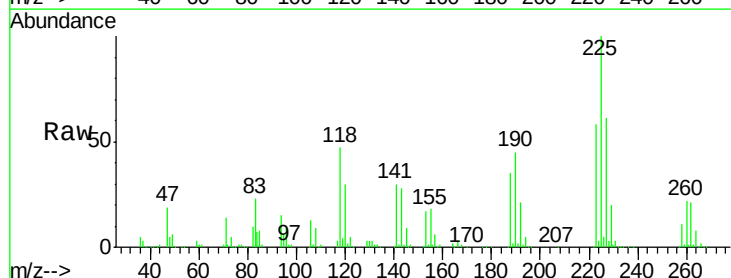
Manual Integrations
 APPROVED

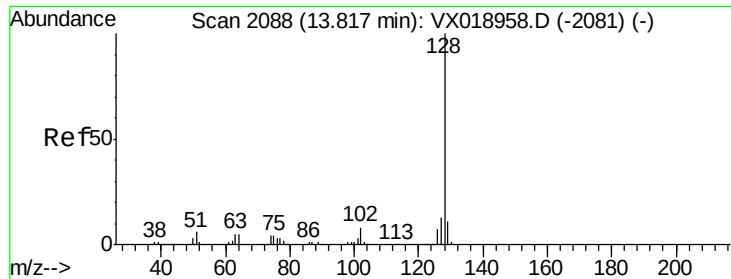
MMDadoda
 10/20/2020 4:52:05 PM



#94
 Hexachlorobutadiene
 Concen: 111.381 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018959.D
 Acq: 19 Oct 2020 17:59

Tgt Ion:	225	Resp:	82032
Ion Ratio	Lower	Upper	
225	100		
223	68.8	31.4	94.0
227	68.2	30.9	92.8





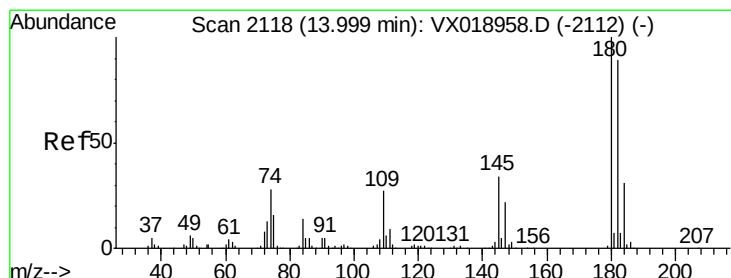
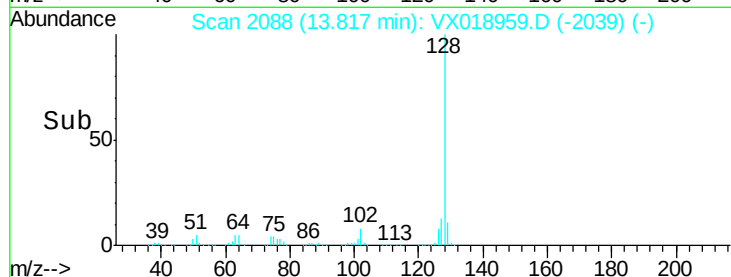
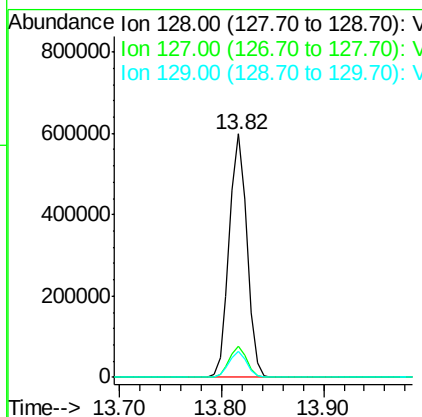
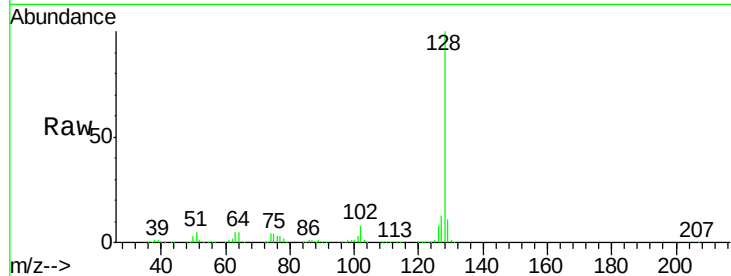
#95
Naphthalene
Concen: 117.125 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/20/2020 4:52:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 113.482 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018959.D
Acq: 19 Oct 2020 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.6	139.7
145	31.8	17.0	51.0

