

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
 Data File : VX019195.D
 Acq On : 29 Oct 2020 18:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:51 PM

Quant Time: Oct 30 04:18:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	261503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166110	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	132074	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.70	98	504973	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.12	95	195108	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108900	49.953	ug/l	99
3) Chloromethane	1.31	50	126667	52.007	ug/l	100
4) Vinyl Chloride	1.39	62	146014	51.695	ug/l	98
5) Bromomethane	1.63	94	91973	47.680	ug/l	99
6) Chloroethane	1.71	64	95813	53.129	ug/l	96
7) Trichlorofluoromethane	1.92	101	230068	51.847	ug/l	96
8) Diethyl Ether	2.17	74	90701	53.258	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125643	51.083	ug/l	98
10) Methyl Iodide	2.49	142	154954	52.943	ug/l	99
11) Tert butyl alcohol	3.02	59	171039	256.778	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125929	49.685	ug/l	98
13) Acrolein	2.27	56	73811	247.891	ug/l	98
14) Allyl chloride	2.71	41	202440	52.733	ug/l	98
15) Acrylonitrile	3.11	53	378685	270.545	ug/l	99
16) Acetone	2.42	43	339039	291.415	ug/l	98
17) Carbon Disulfide	2.55	76	339668	47.061	ug/l	99
18) Methyl Acetate	2.75	43	153003	54.082	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	459869	52.366	ug/l	100
20) Methylene Chloride	2.84	84	148556	50.861	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	142814	48.960	ug/l	95
22) Diisopropyl ether	3.82	45	415511	54.292	ug/l	99
23) Vinyl Acetate	3.78	43	1868911	273.836	ug/l	98
24) 1,1-Dichloroethane	3.67	63	250253	52.371	ug/l	99
25) 2-Butanone	4.64	43	516568	281.730	ug/l	99
26) 2,2-Dichloropropane	4.55	77	229222	51.027	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	166070	50.948	ug/l	98
28) Bromochloromethane	4.98	49	110806	51.008	ug/l	95
29) Tetrahydrofuran	5.09	42	328934	284.669	ug/l	97
30) Chloroform	5.18	83	267766	52.645	ug/l	99
31) Cyclohexane	5.55	56	220571	51.741	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	242894	52.673	ug/l	99
36) 1,1-Dichloropropene	5.77	75	202578	50.796	ug/l	99
37) Ethyl Acetate	4.79	43	200316	54.098	ug/l	98
38) Carbon Tetrachloride	5.76	117	207643	51.080	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	241994	50.748	ug/l	98
40) Benzene	6.11	78	585062	51.741	ug/l	99
41) Methacrylonitrile	5.00	41	108141	54.230	ug/l	98
42) 1,2-Dichloroethane	6.16	62	216517	51.956	ug/l	100
43) Isopropyl Acetate	6.41	43	327261	52.783	ug/l	99
44) Trichloroethene	7.19	130	160014	49.412	ug/l	94
45) 1,2-Dichloropropane	7.49	63	147163	53.135	ug/l	98
46) Dibromomethane	7.63	93	104665	51.105	ug/l	97
47) Bromodichloromethane	7.87	83	212241	52.577	ug/l	99
48) Methyl methacrylate	7.74	41	161873	54.243	ug/l	98
49) 1,4-Dioxane	7.73	88	71211	1073.020	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1011555	283.863	ug/l	99
52) Toluene	8.76	92	382354	52.501	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238361	51.697	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	252131	52.002	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	153317	53.281	ug/l	98
56) Ethyl methacrylate	9.16	69	239261	55.049	ug/l	99
57) 1,3-Dichloropropane	9.35	76	257396	53.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626059	257.559	ug/l	98
59) 2-Hexanone	9.47	43	774140	285.388	ug/l	99
60) Dibromochloromethane	9.56	129	168520	53.964	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163686	53.195	ug/l	98
64) Tetrachloroethene	9.32	164	148060	47.919	ug/l	98
65) Chlorobenzene	10.12	112	405987	48.980	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	152276	51.031	ug/l	99
67) Ethyl Benzene	10.23	91	739987	50.101	ug/l	100
68) m/p-Xylenes	10.34	106	554569	100.041	ug/l	98
69) o-Xylene	10.68	106	268541	51.074	ug/l	99
70) Styrene	10.70	104	458962	51.159	ug/l	99
71) Bromoform	10.84	173	119393	50.464	ug/l	100
73) Isopropylbenzene	11.00	105	728105	51.919	ug/l	99
74) N-amyl acetate	10.88	43	284358	55.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	226598	51.702	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	221552m	54.160	ug/l	
77) Bromobenzene	11.24	156	178322	51.234	ug/l	95
78) n-propylbenzene	11.34	91	838180	52.358	ug/l	100
79) 2-Chlorotoluene	11.40	91	493784	52.391	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	619446	52.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	80806	52.011	ug/l	98
82) 4-Chlorotoluene	11.49	91	587357	51.034	ug/l	98
83) tert-Butylbenzene	11.76	119	597321	52.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620670	51.894	ug/l	100
85) sec-Butylbenzene	11.93	105	717219	52.716	ug/l	99
86) p-Isopropyltoluene	12.05	119	651482	51.879	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	311020	47.984	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	318062	47.141	ug/l	99
89) n-Butylbenzene	12.37	91	600114	50.841	ug/l	98
90) Hexachloroethane	12.58	117	112046	52.494	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	304392	48.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55409	51.643	ug/l	98

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VSTDCCC050EC

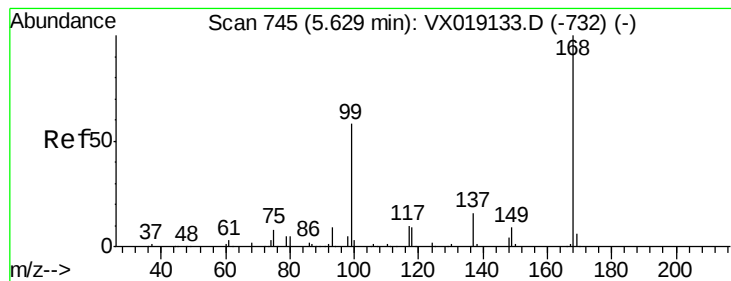
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212278	45.407	ug/l	99
94) Hexachlorobutadiene	13.76	225	87122	42.334	ug/l	98
95) Naphthalene	13.82	128	709952	48.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	208401	45.951	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 261503

Ion Ratio Lower Upper

168 100

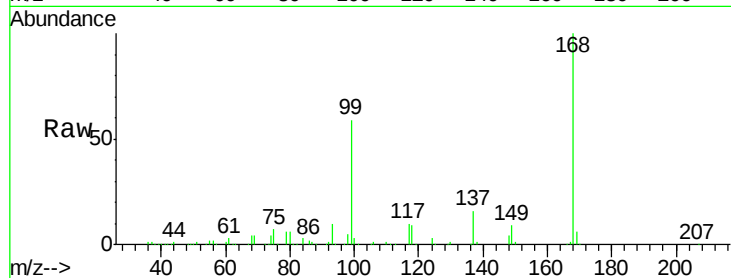
99 58.6 46.6 69.8

Manual Integrations

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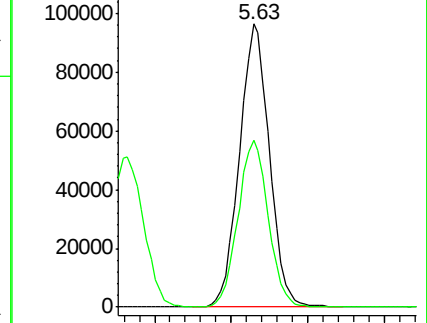
MMDadoda

10/30/2020 12:00:51 PM

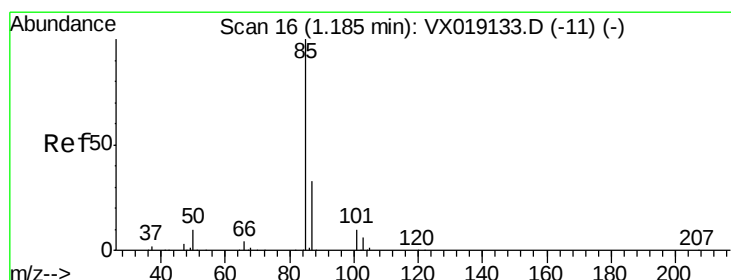
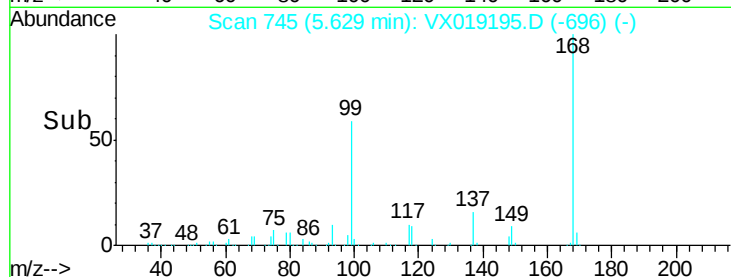


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 49.953 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019195.D

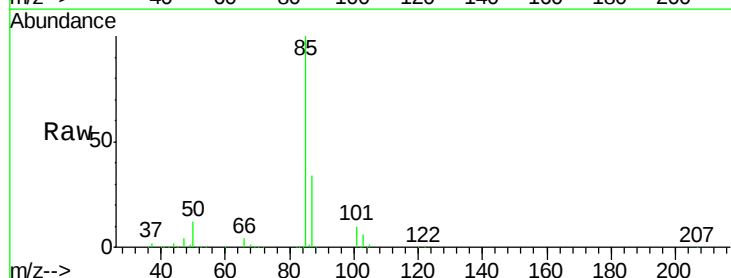
Acq: 29 Oct 2020 18:03

Tgt Ion: 85 Resp: 108900

Ion Ratio Lower Upper

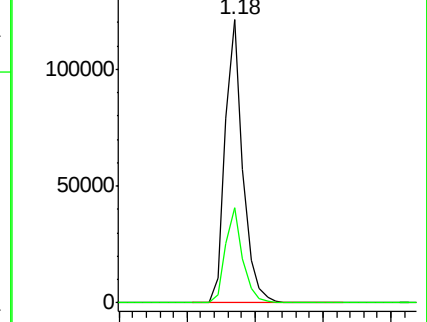
85 100

87 33.6 16.6 49.7

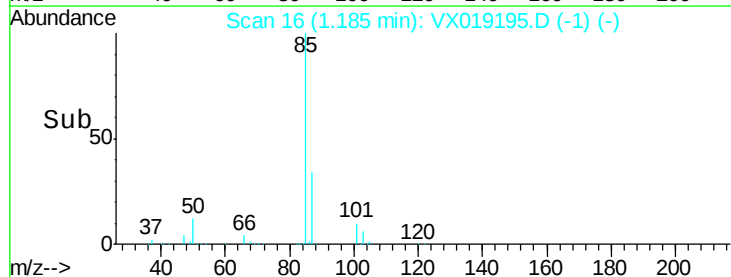


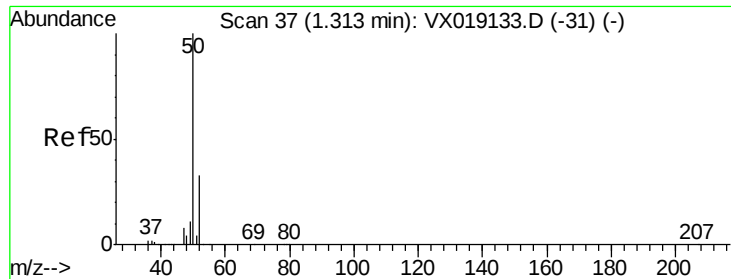
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 52.007 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 126667

Ion Ratio Lower Upper

50 100

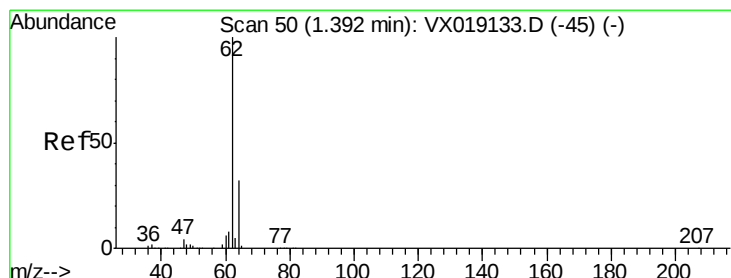
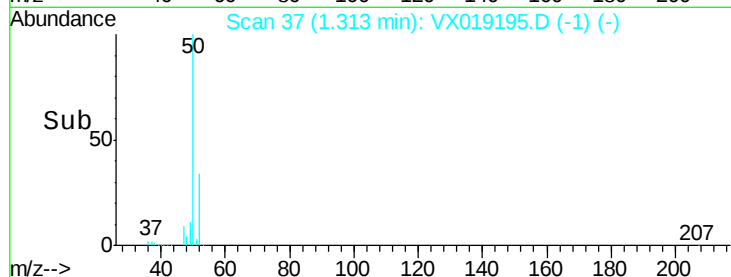
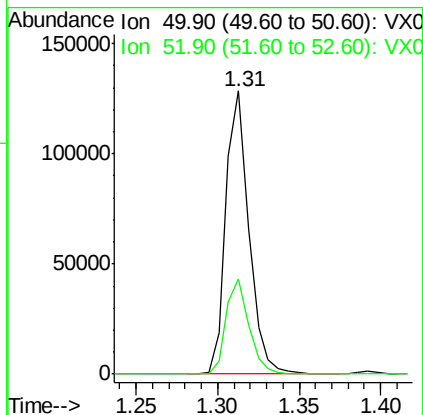
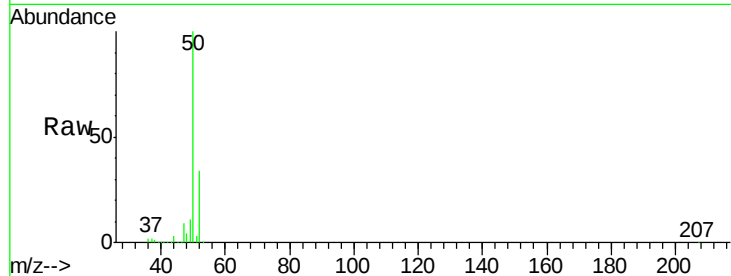
52 33.8 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.695 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019195.D

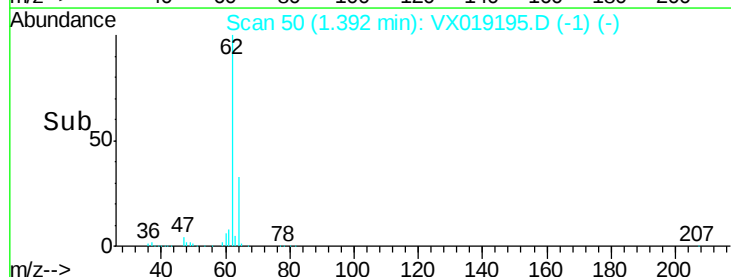
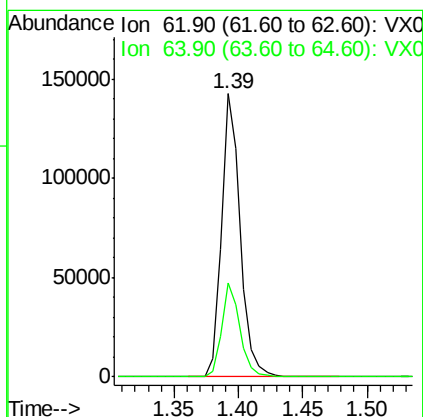
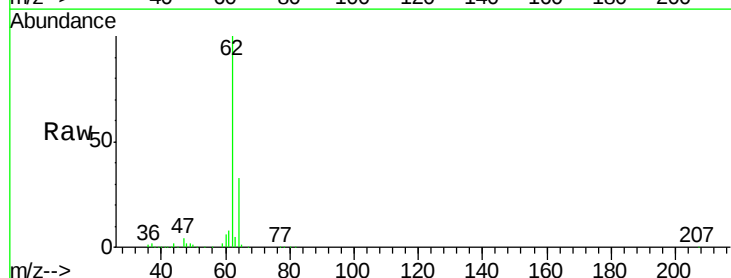
Acq: 29 Oct 2020 18:03

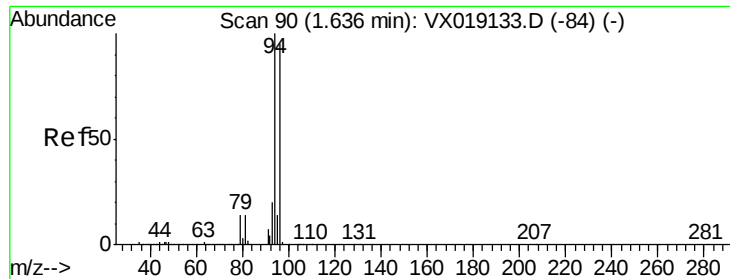
Tgt Ion: 62 Resp: 146014

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.0





#5

Bromomethane

Concen: 47.680 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 91973

Ion Ratio Lower Upper

94 100

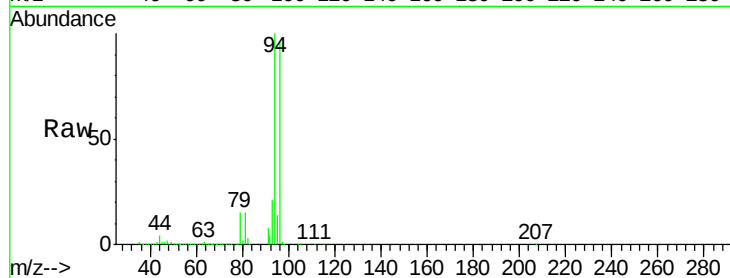
96 95.9 76.0 114.0

Manual Integrations

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10/30/2020 12:00:51 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

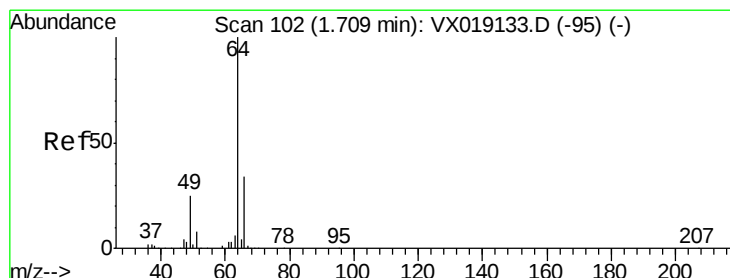
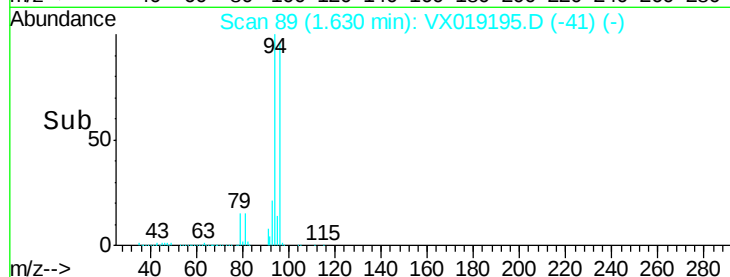
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 53.129 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019195.D

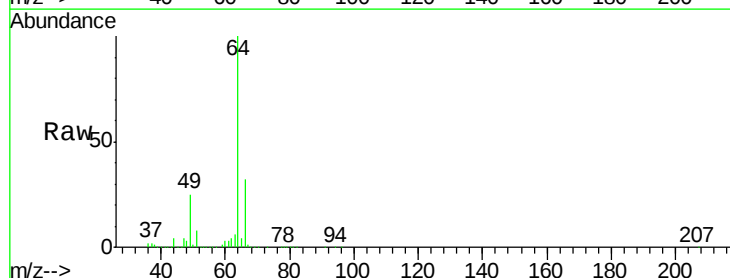
Acq: 29 Oct 2020 18:03

Tgt Ion: 64 Resp: 95813

Ion Ratio Lower Upper

64 100

66 31.8 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

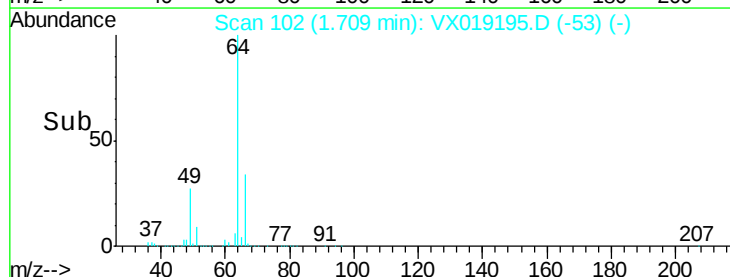
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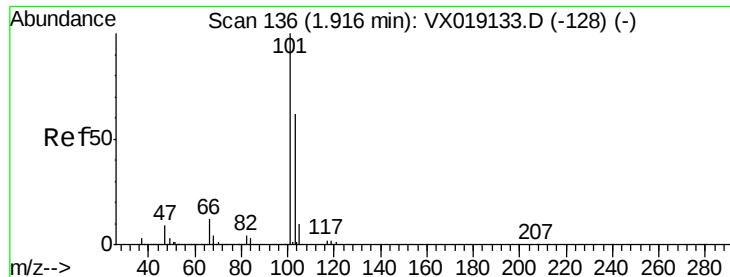
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20000

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Time-->





#7

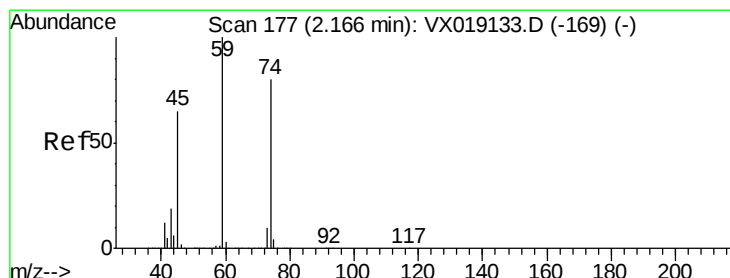
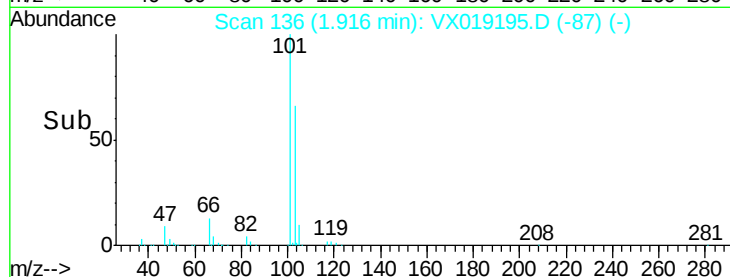
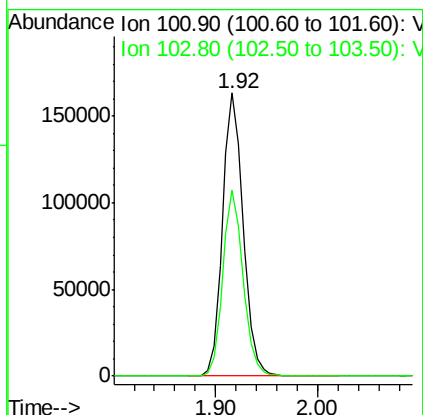
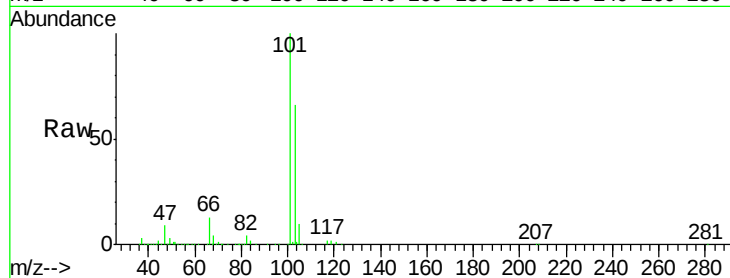
Trichlorofluoromethane
Concen: 51.847 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.0	75.0

Manual Integrations
APPROVED

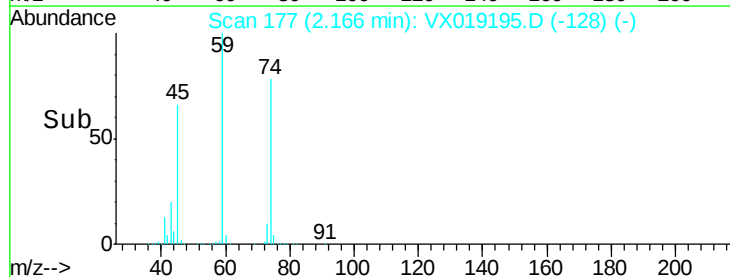
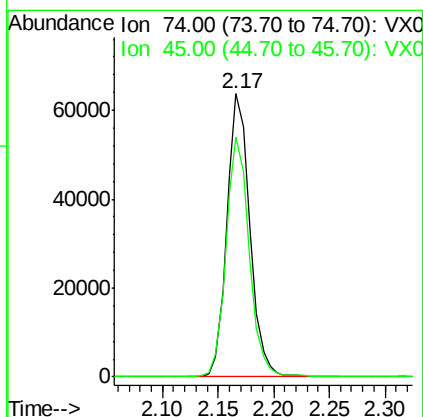
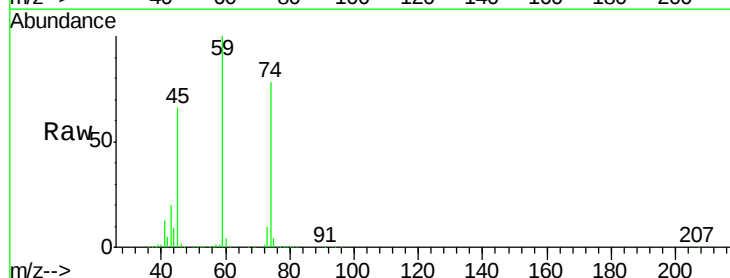
MMDadoda
10/30/2020 12:00:51 PM

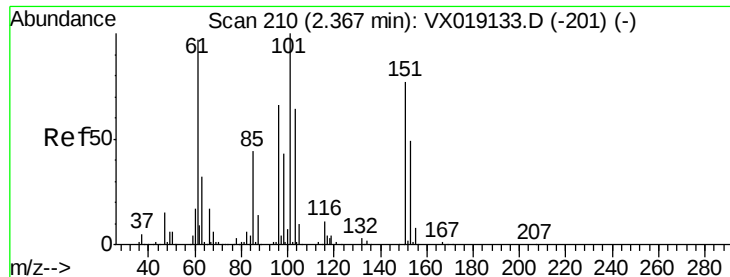


#8

Diethyl Ether
Concen: 53.258 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.6	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.083 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

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MSVOA_X

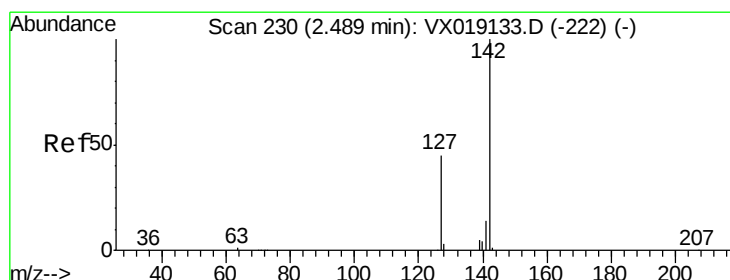
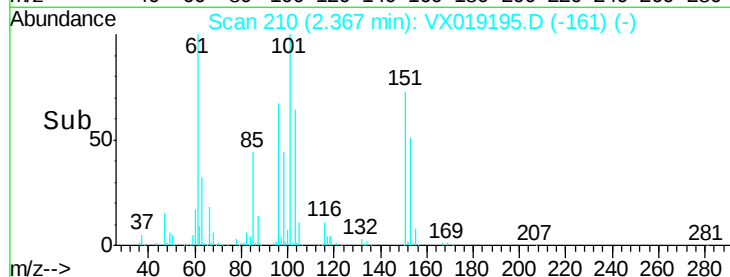
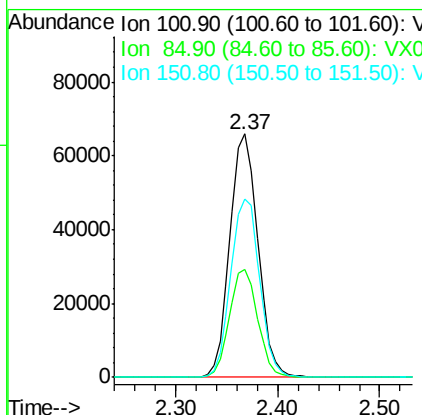
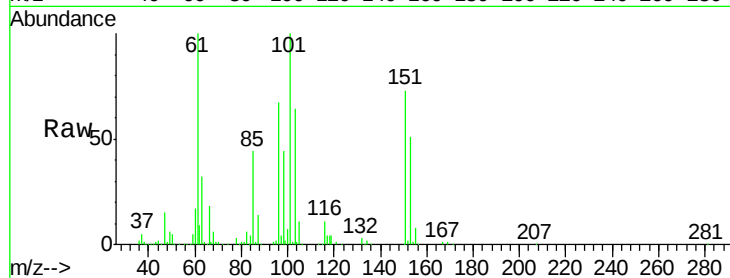
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	125643
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.4
151	75.3	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 52.943 ug/l

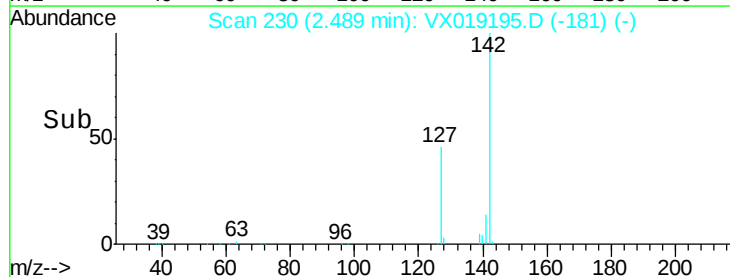
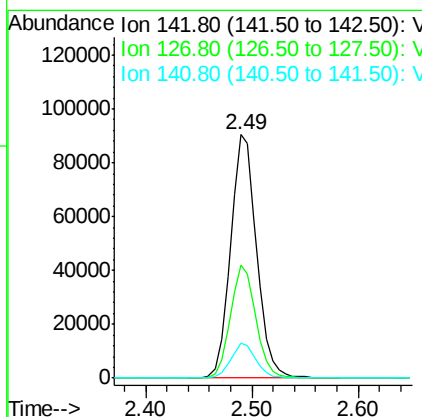
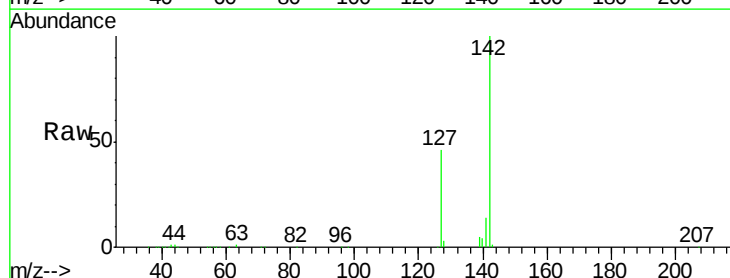
RT: 2.49 min Scan# 230

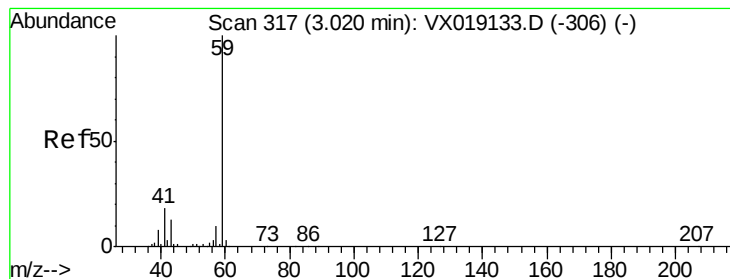
Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Tgt Ion:	142	Resp:	154954
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.1	54.1
141	13.9	11.3	16.9





#11

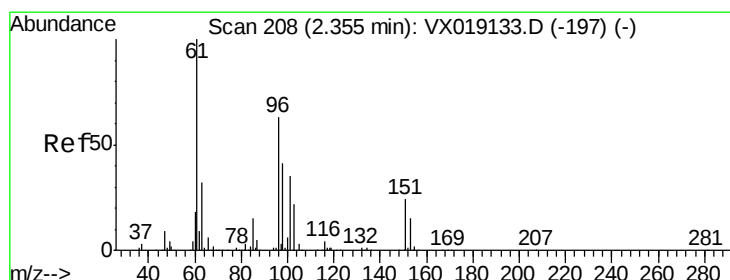
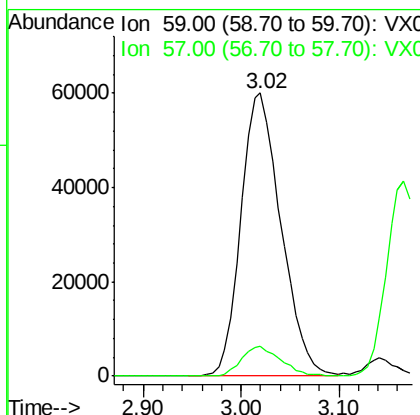
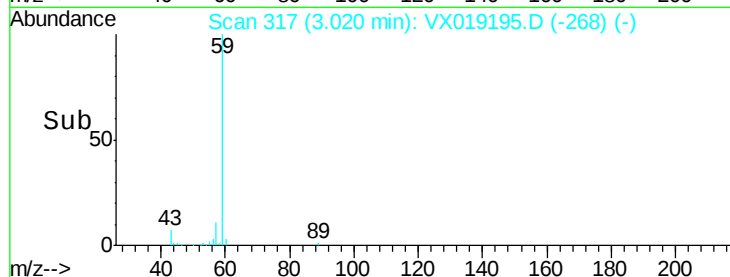
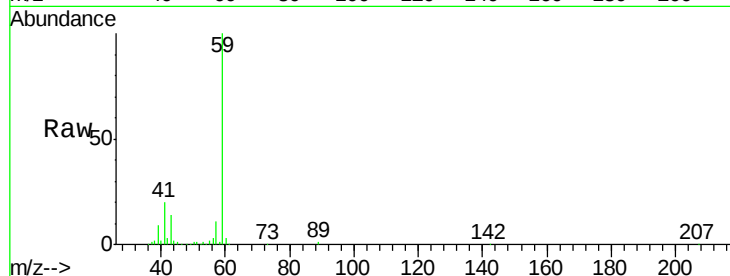
Tert butyl alcohol
Concen: 256.778 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	171039		
57	57	10.4		8.4	12.6

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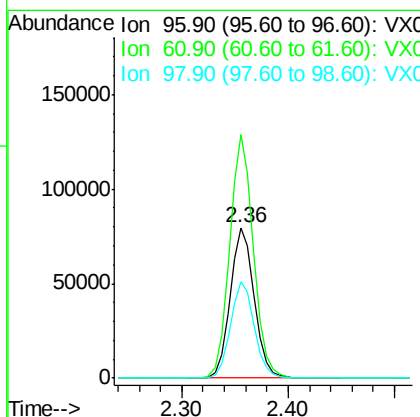
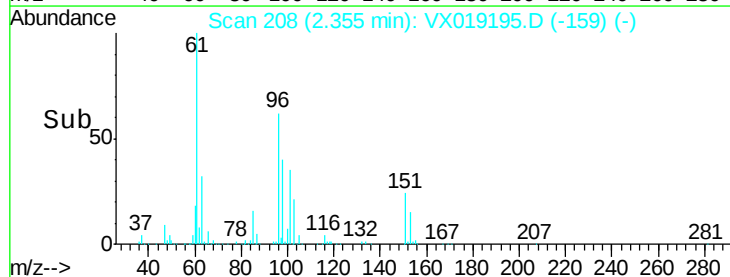
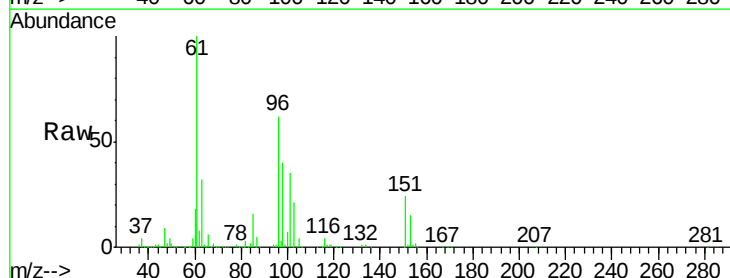
MMDadoda
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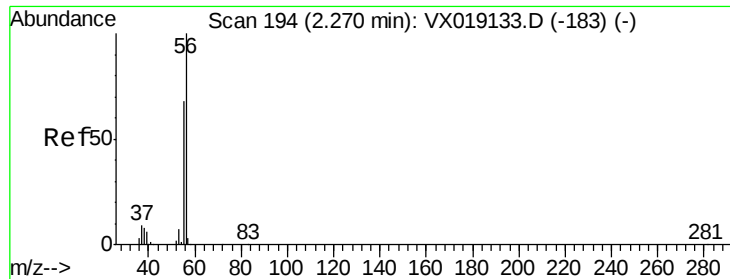


#12

1,1-Dichloroethene
Concen: 49.685 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	125929		
61	61	161.9		127.7	191.5
98	98	64.1		52.1	78.1





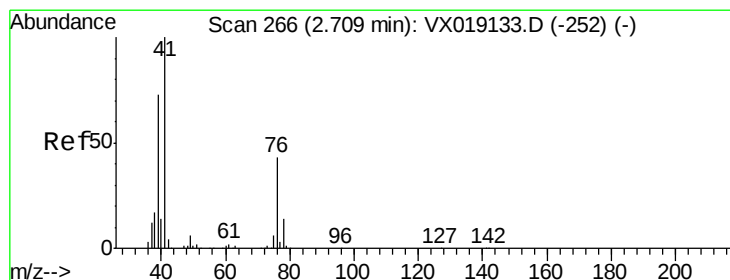
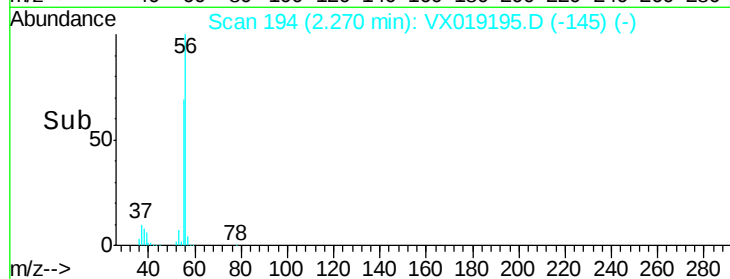
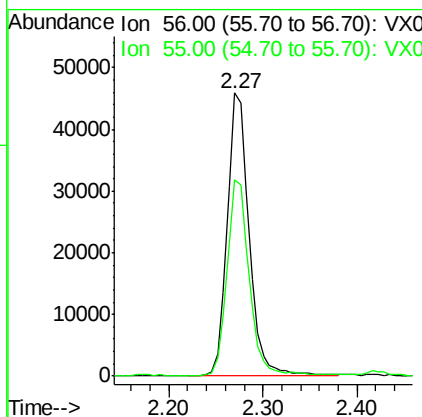
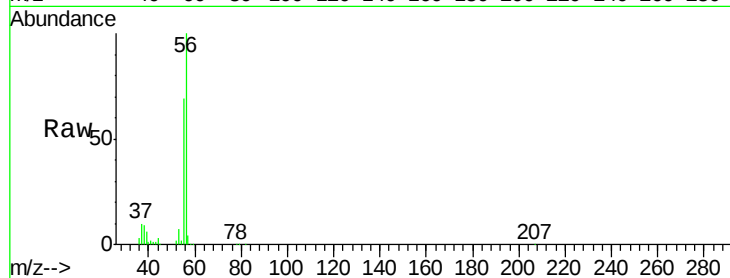
#13
Acrolein
Concen: 247.891 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.2	54.7	82.1

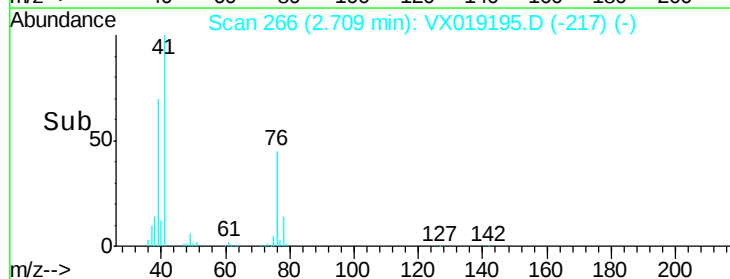
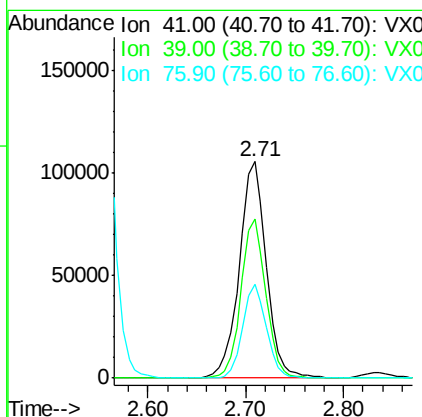
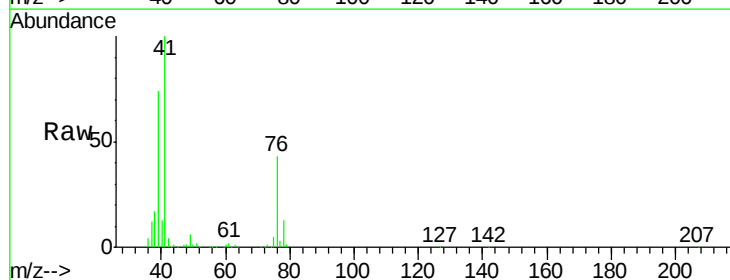
Manual Integrations
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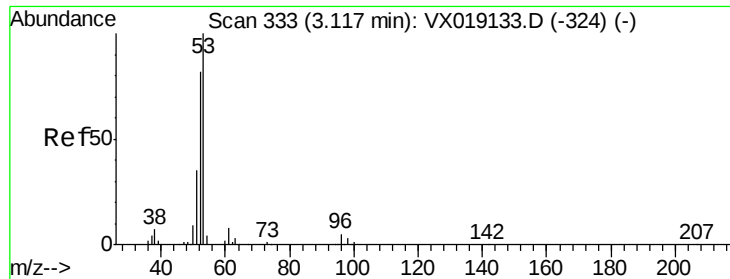
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#14
Allyl chloride
Concen: 52.733 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.9	55.2	82.8
76	38.1	31.5	47.3





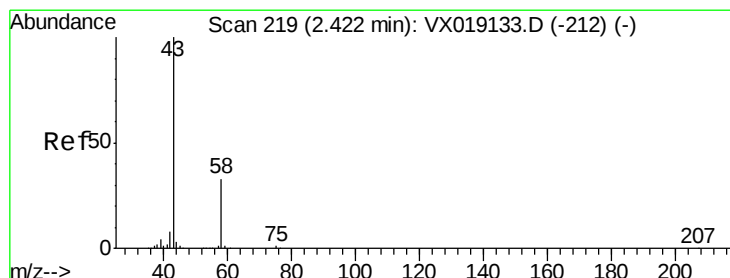
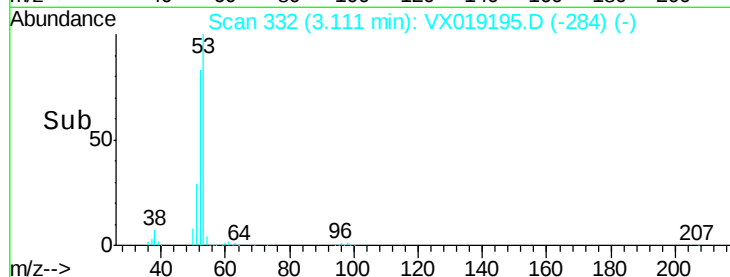
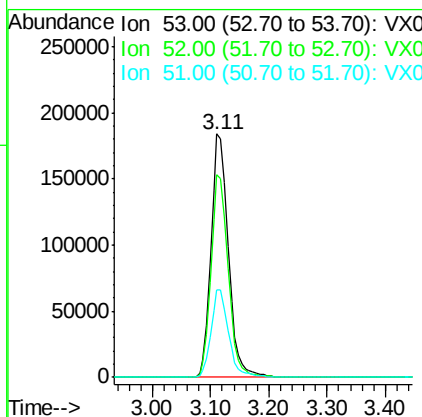
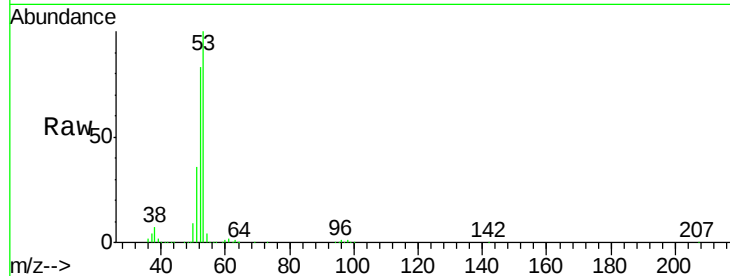
#15
 Acrylonitrile
 Concen: 270.545 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:	53	Resp:	378685
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.7	98.5
51	36.4	28.4	42.6

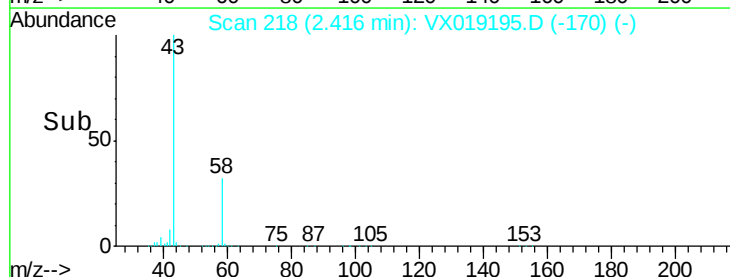
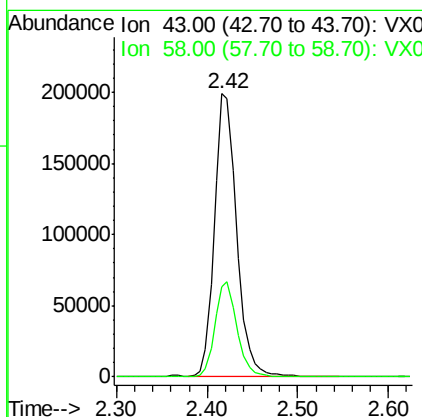
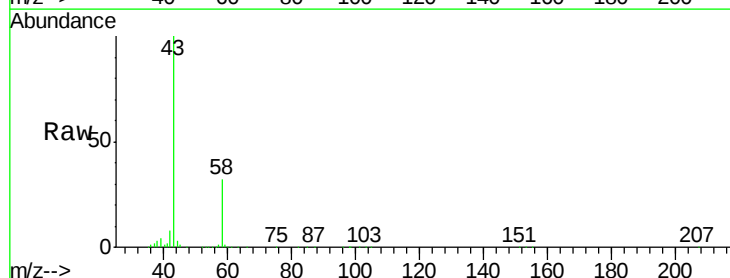
Manual Integrations
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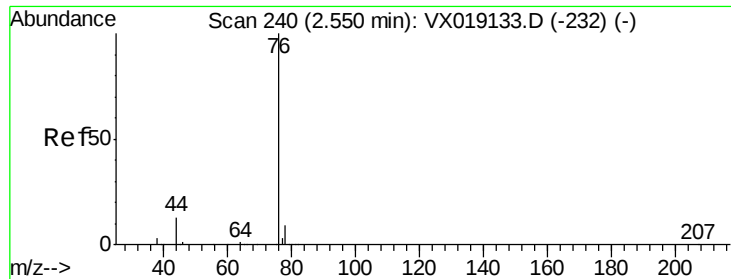
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#16
 Acetone
 Concen: 291.415 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion:	43	Resp:	339039
Ion Ratio	Lower	Upper	
43	100		
58	32.0	26.3	39.5





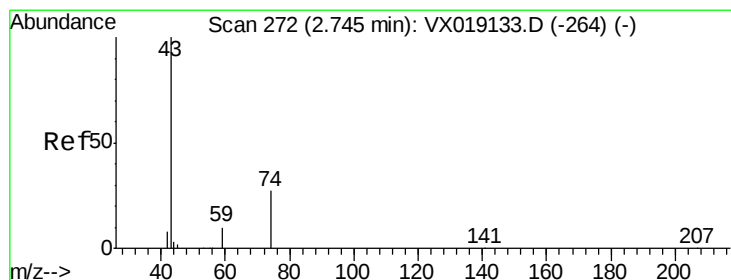
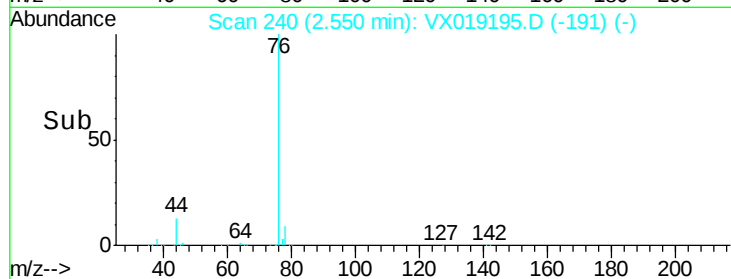
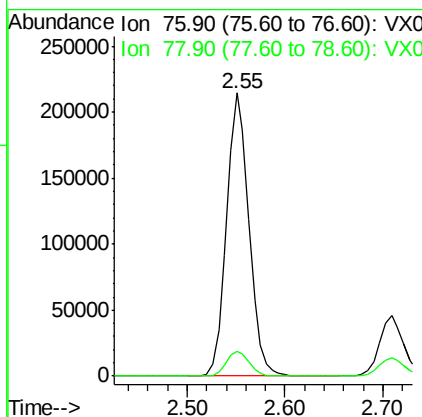
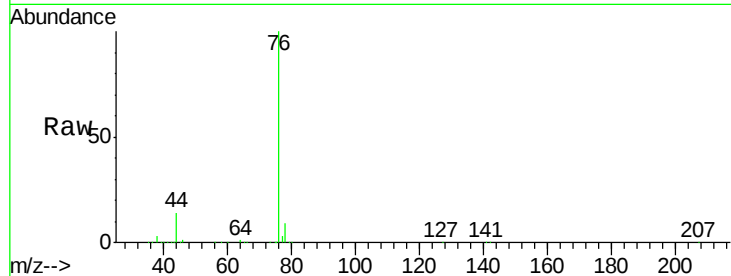
#17
Carbon Disulfide
Concen: 47.061 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

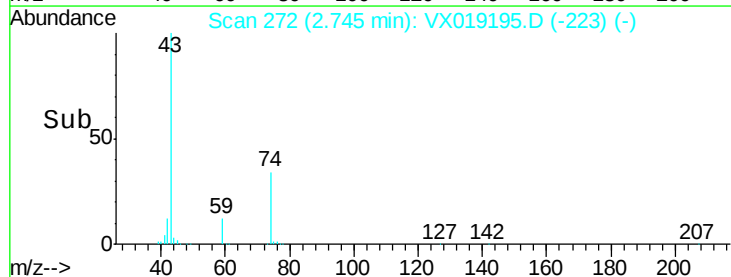
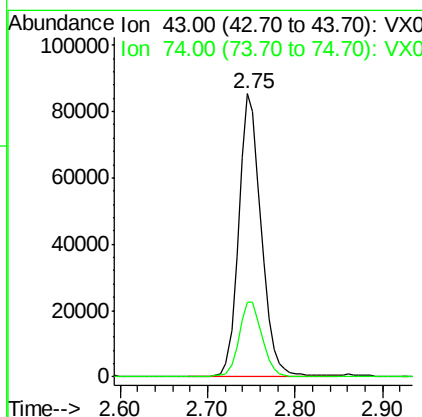
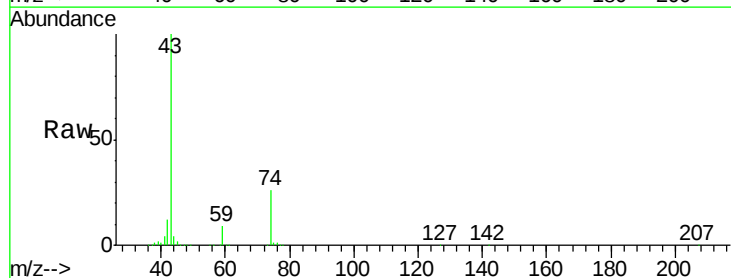
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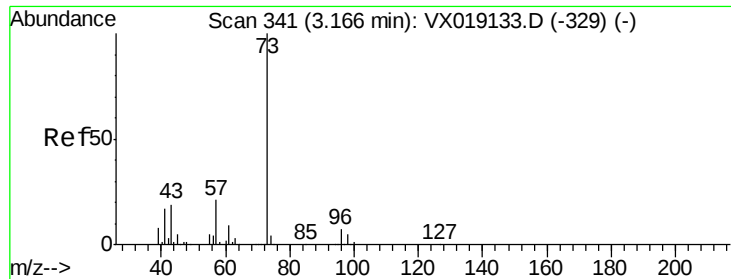
MMDadoda
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#18
Methyl Acetate
Concen: 54.082 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	22.6	33.8





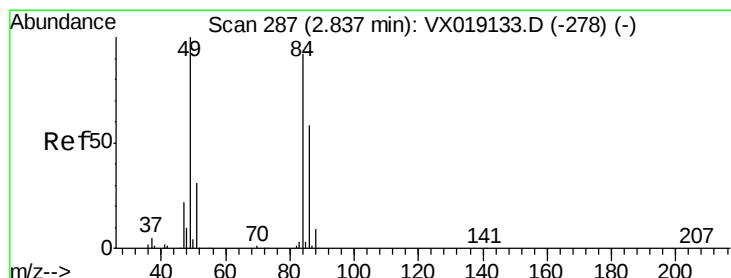
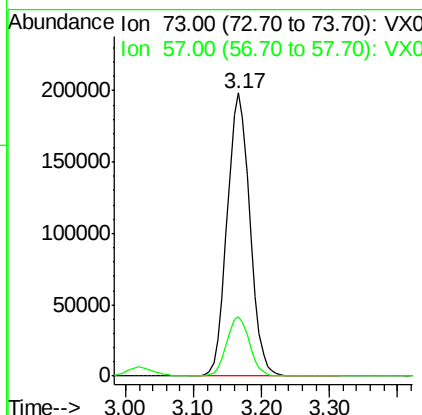
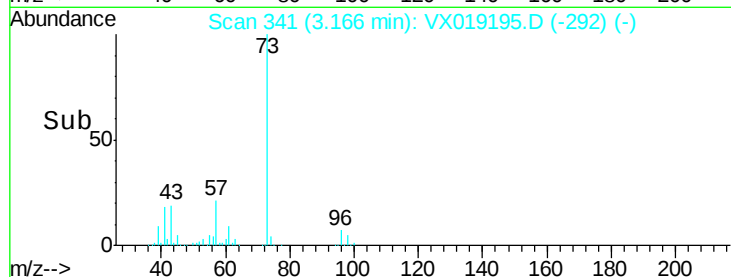
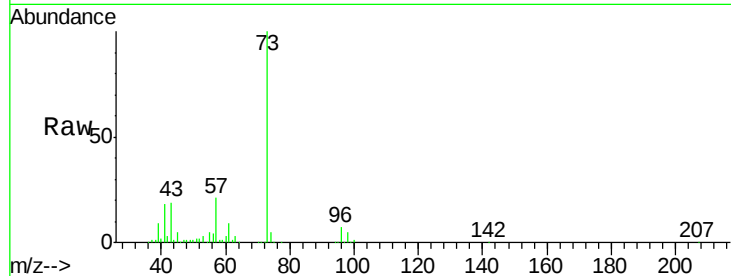
#19
Methyl tert-butyl Ether
Concen: 52.366 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.6	25.0

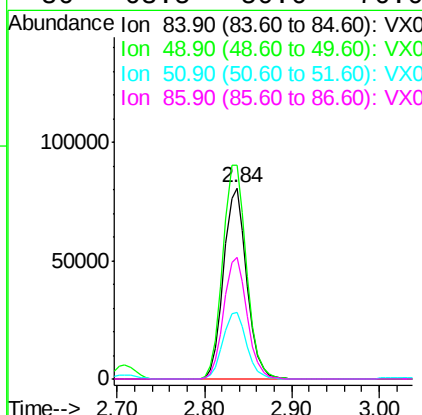
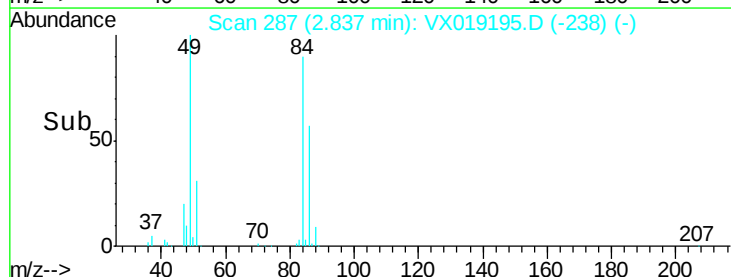
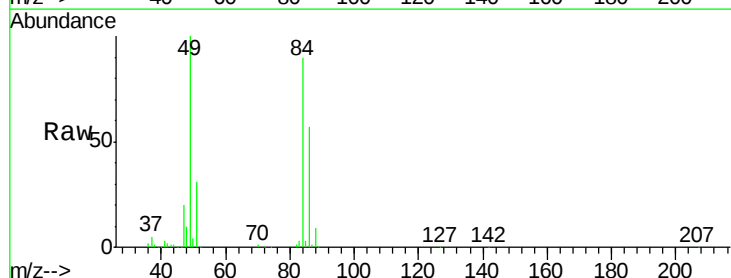
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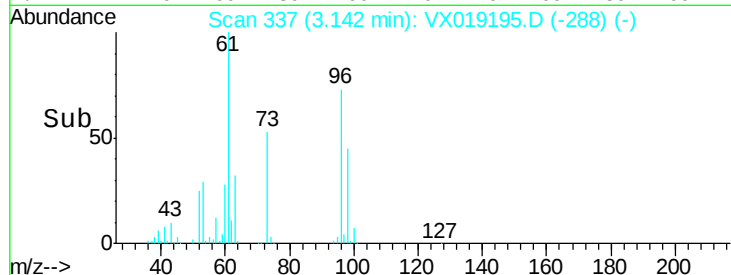
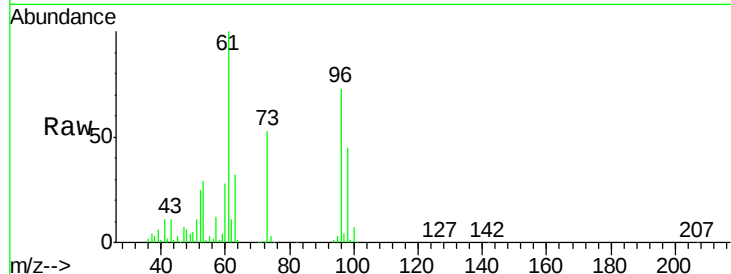
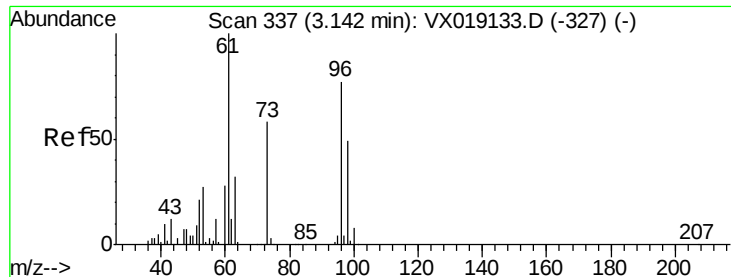
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#20
Methylene Chloride
Concen: 50.861 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.6	86.8	130.2
51	34.5	27.3	40.9
86	63.5	50.6	76.0





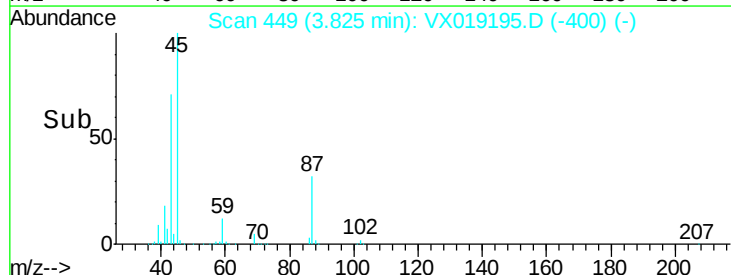
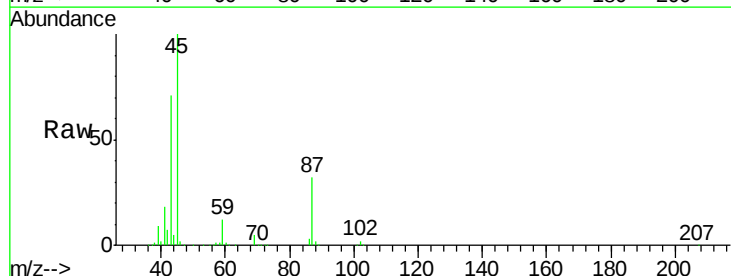
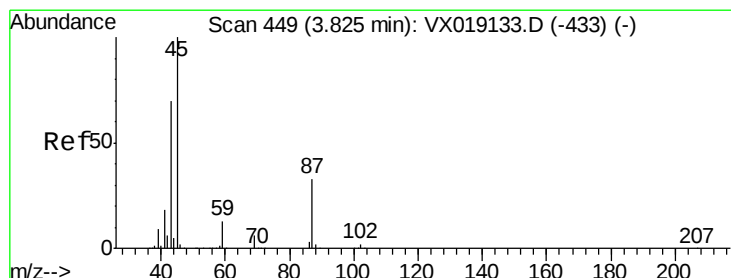
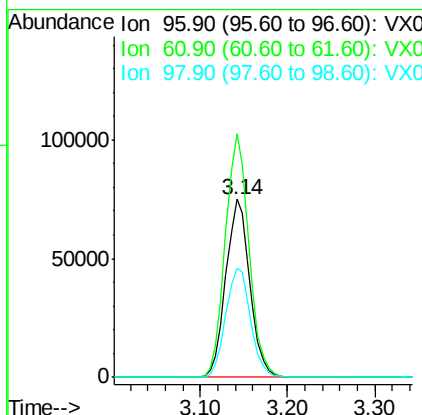
#21
trans-1,2-Dichloroethene
Concen: 48.960 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	104.2	156.4
98	61.2	51.3	76.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

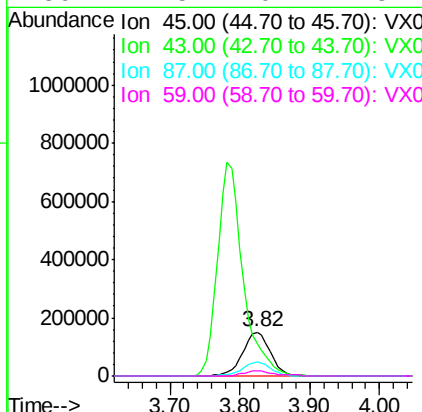
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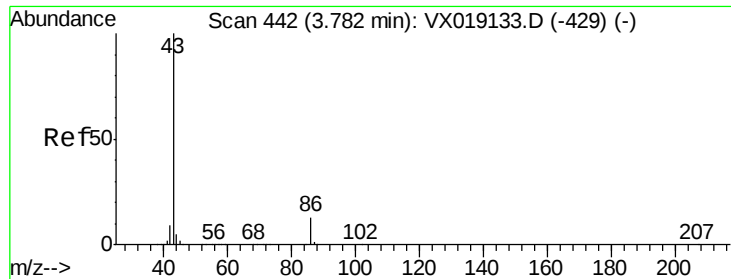
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#22
Diisopropyl ether
Concen: 54.292 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.3	56.2	84.4
87	31.8	26.2	39.2
59	12.5	10.1	15.1





#23

Vinyl Acetate

Concen: 273.836 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1868911

Ion Ratio Lower Upper

43 100

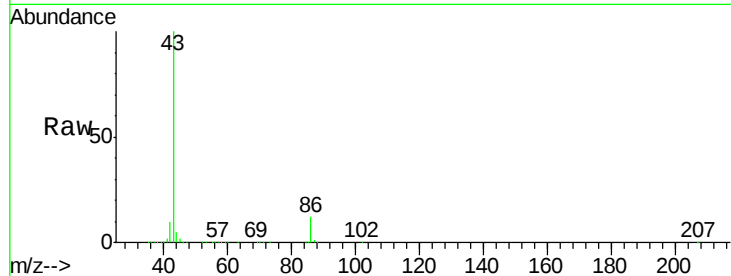
86 12.1 10.4 15.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

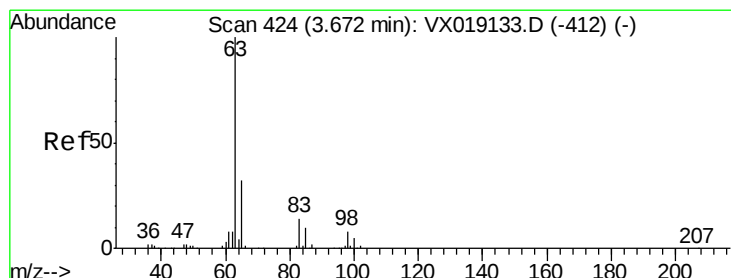
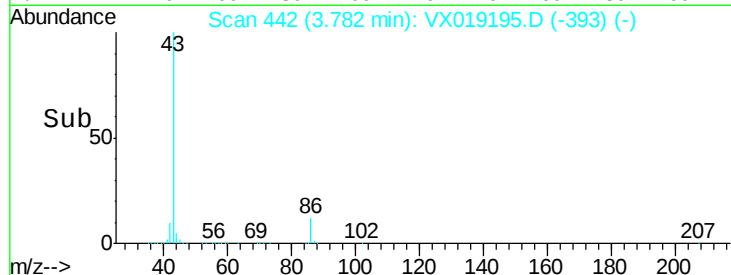
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.371 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

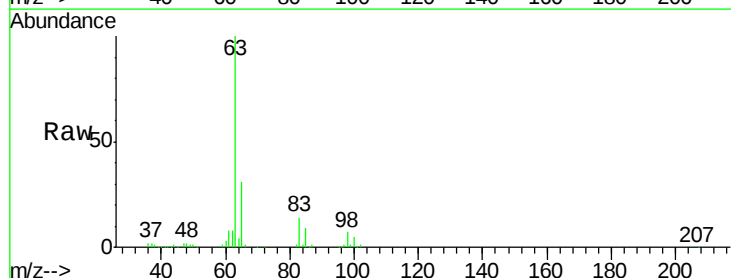
Tgt Ion: 63 Resp: 250253

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 5.0 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

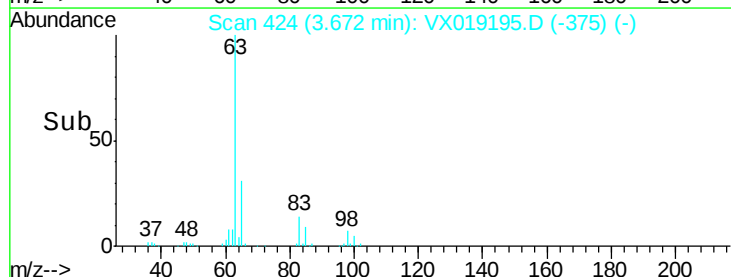
3.67

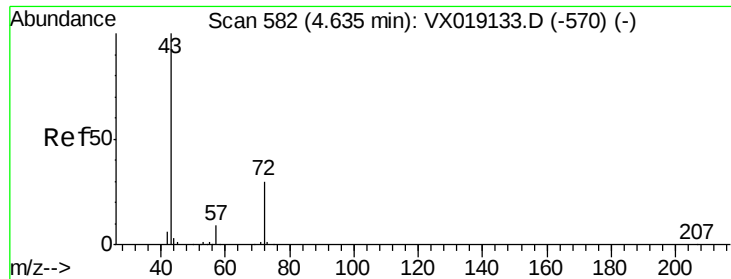
100000

50000

0

Time-->





#25

2-Butanone

Concen: 281.730 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 516568

Ion Ratio Lower Upper

43 100

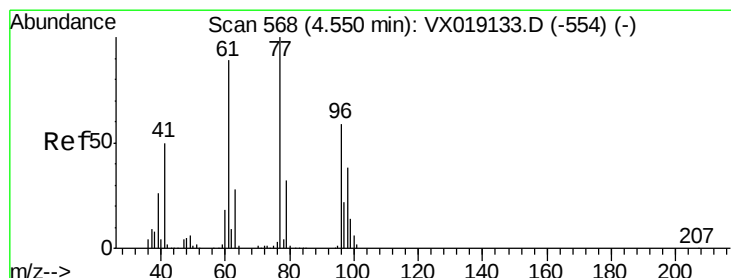
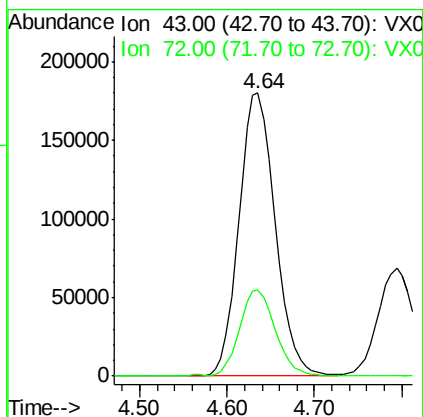
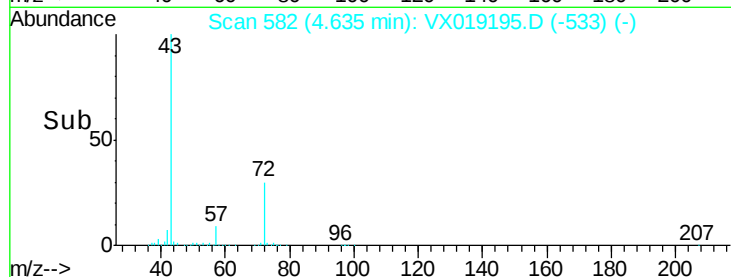
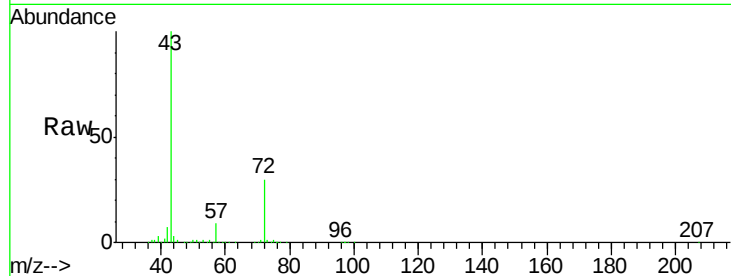
72 30.2 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.027 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019195.D

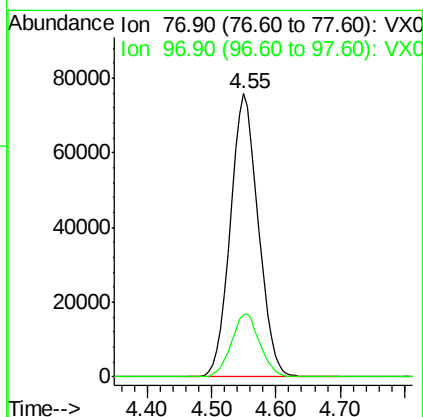
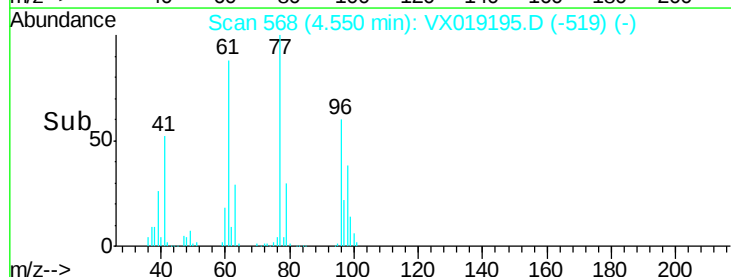
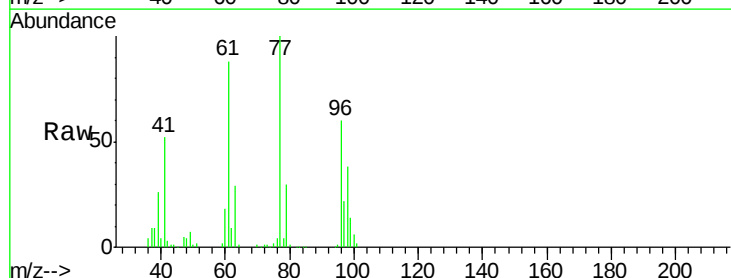
Acq: 29 Oct 2020 18:03

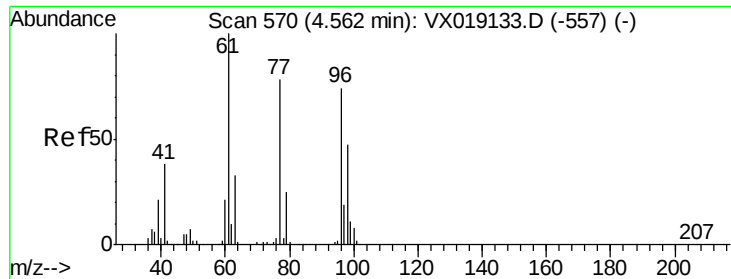
Tgt Ion: 77 Resp: 229222

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

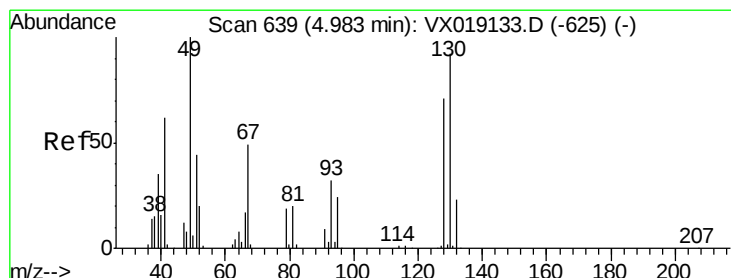
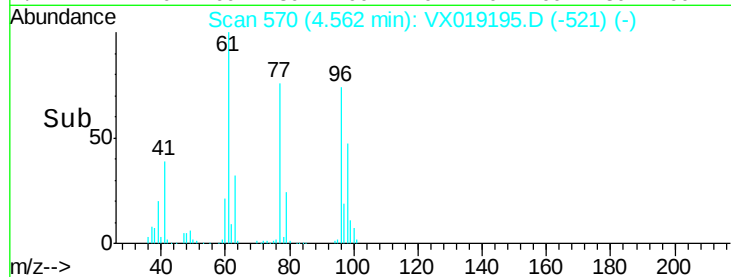
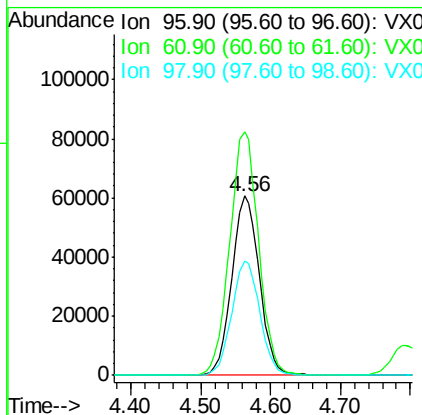
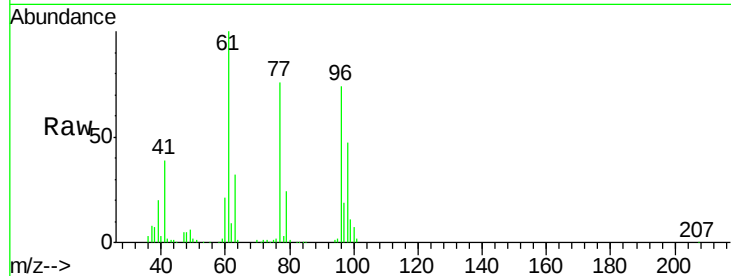
cis-1,2-Dichloroethene
Concen: 50.948 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166070		
61	142.6	0.0	278.8	
98	64.9	0.0	130.2	

Manual Integrations
APPROVED

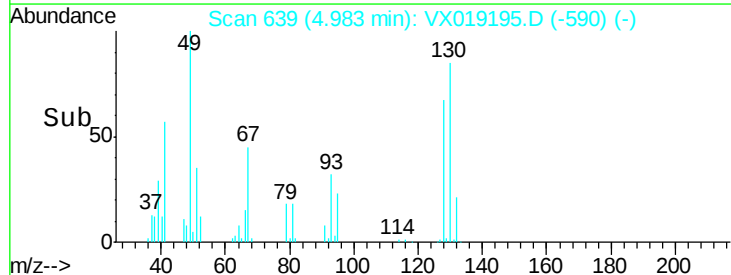
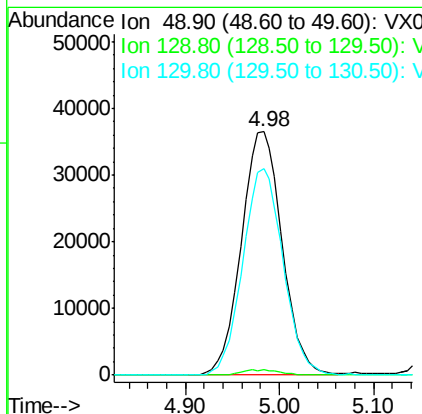
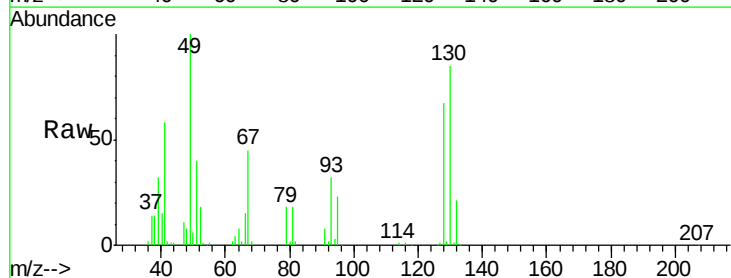
MMDadoda
10/30/2020 12:00:51 PM

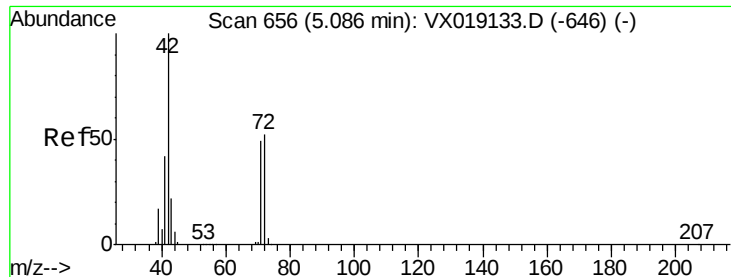


#28

Bromochloromethane
Concen: 51.008 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110806		
129	2.0	0.0	4.4	
130	84.1	71.3	106.9	





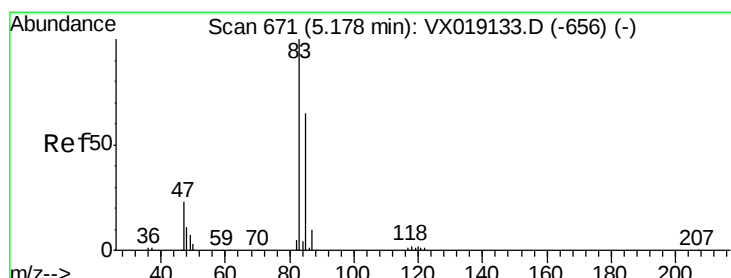
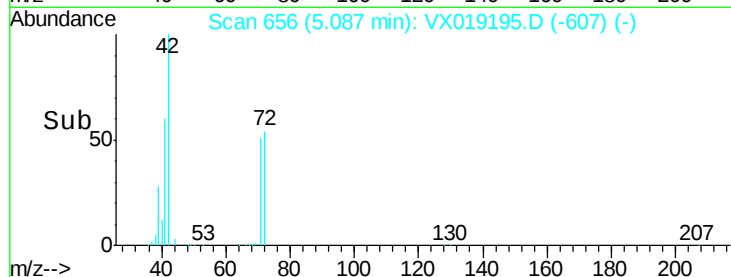
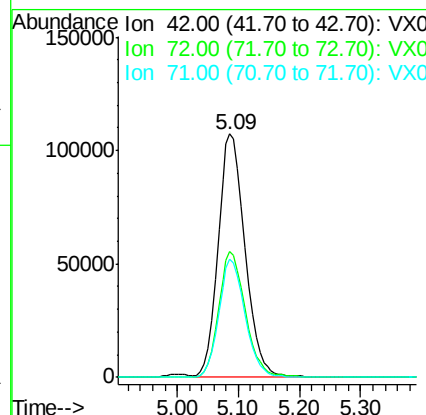
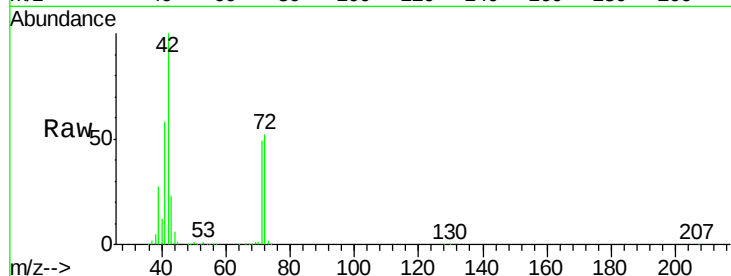
#29
Tetrahydrofuran
Concen: 284.669 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.7	42.6	63.8
71	47.5	39.7	59.5

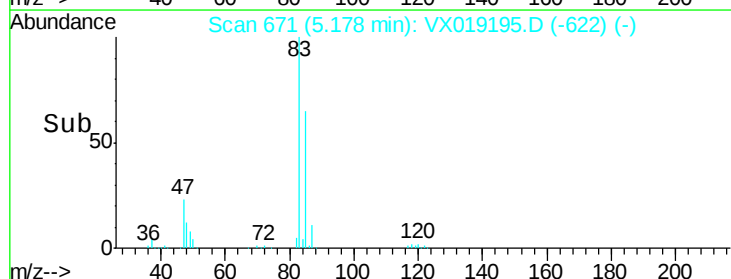
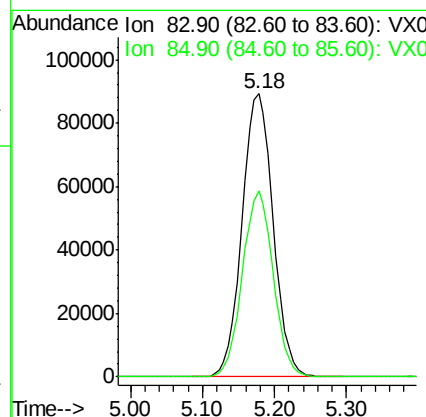
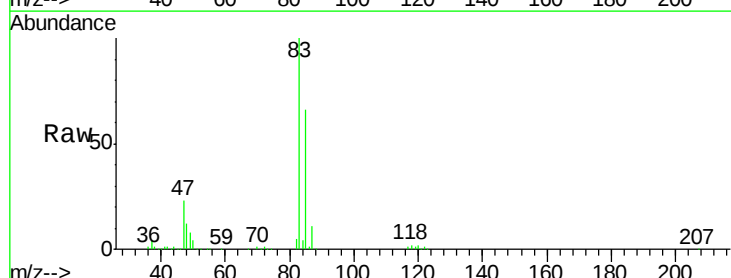
Manual Integrations
APPROVED

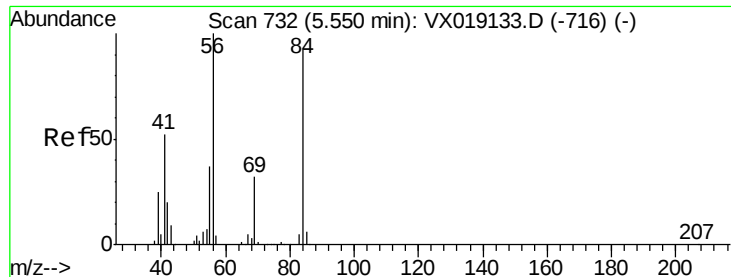
MMDadoda
10/30/2020 12:00:51 PM



#30
Chloroform
Concen: 52.645 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.9	77.9





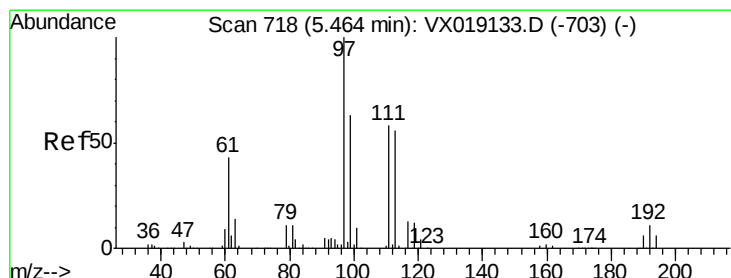
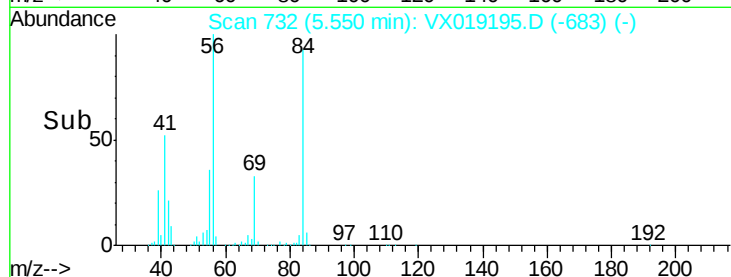
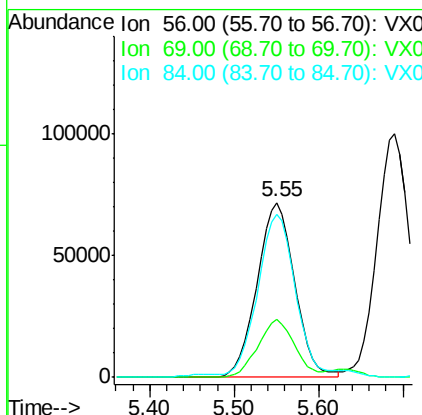
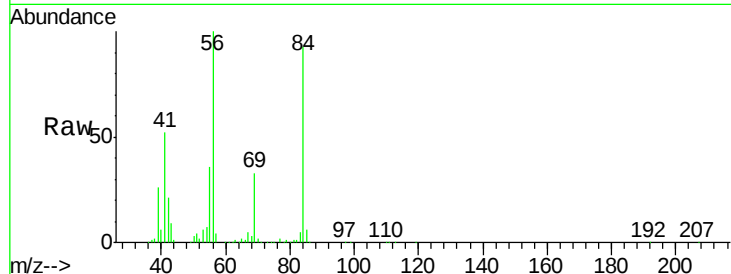
#31
Cyclohexane
Concen: 51.741 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.9	38.9
84	92.0	73.4	110.2

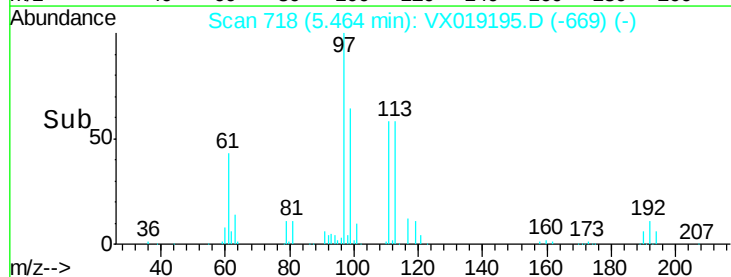
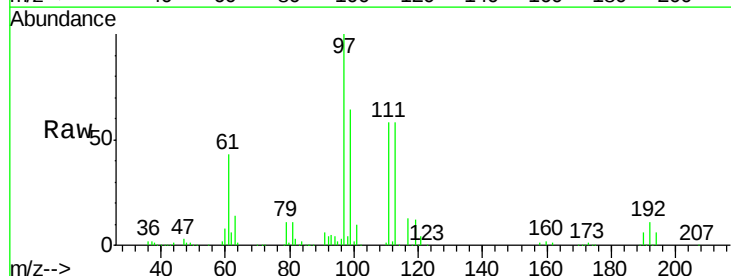
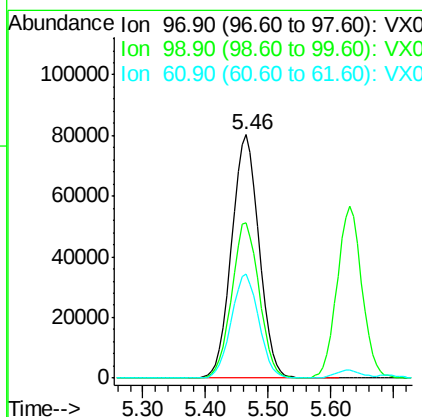
Manual Integrations
APPROVED

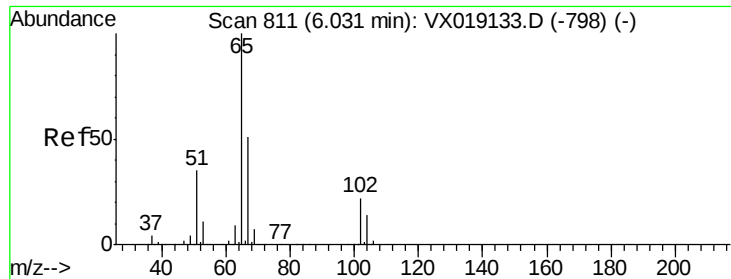
MMDadoda
10/30/2020 12:00:51 PM



#32
1,1,1-Trichloroethane
Concen: 52.673 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	43.2	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 49.256 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 166110

Ion Ratio Lower Upper

65 100

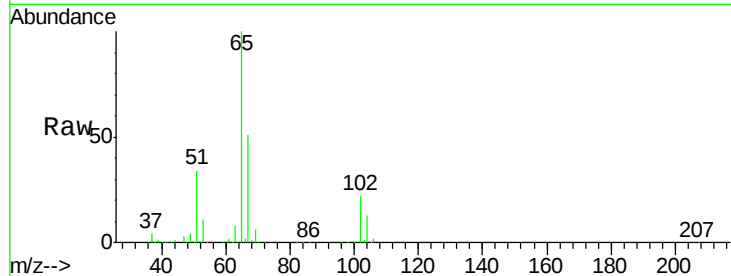
67 51.2 0.0 103.0

Manual Integrations

APPROVED

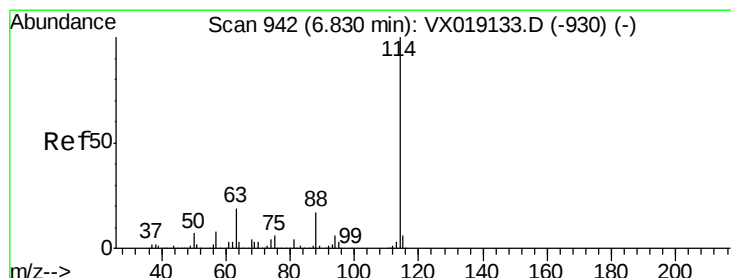
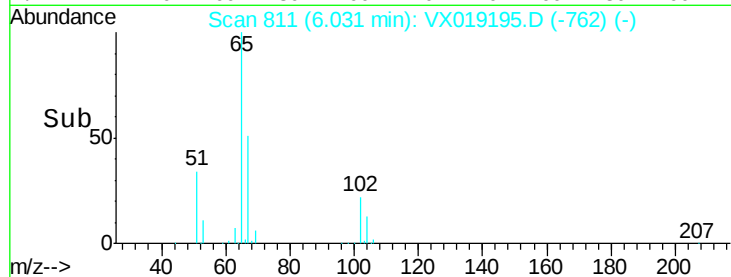
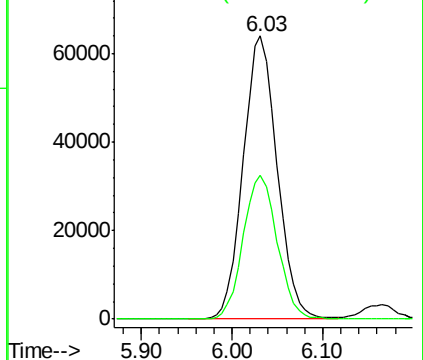
MMDadoda

10/30/2020 12:00:51 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

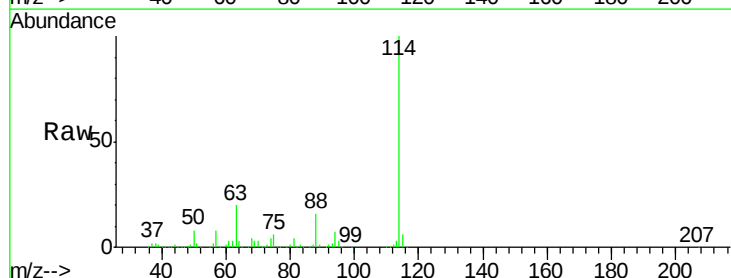
Tgt Ion: 114 Resp: 431881

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

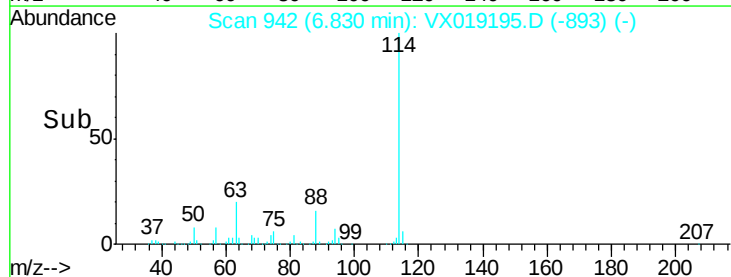
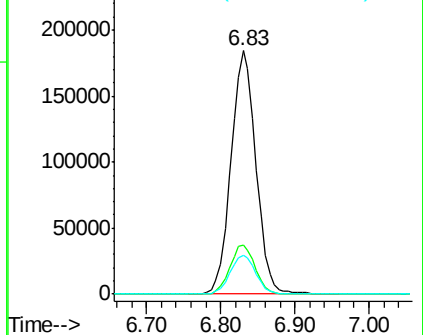
88 16.0 0.0 34.2

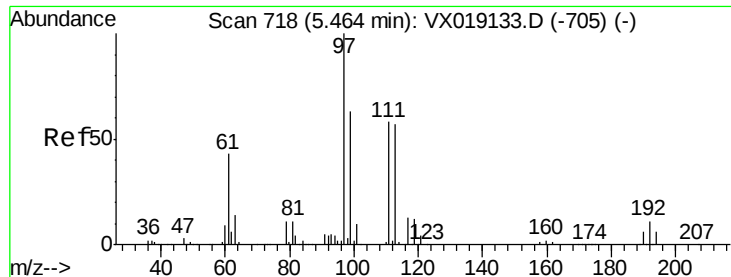


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





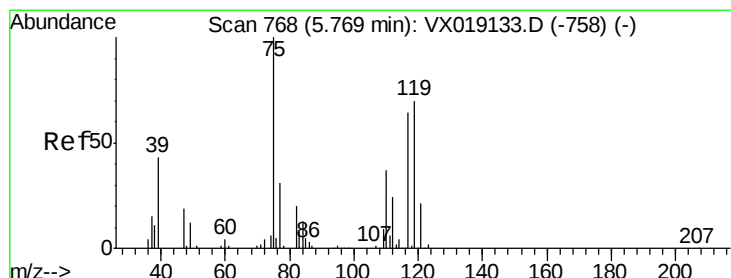
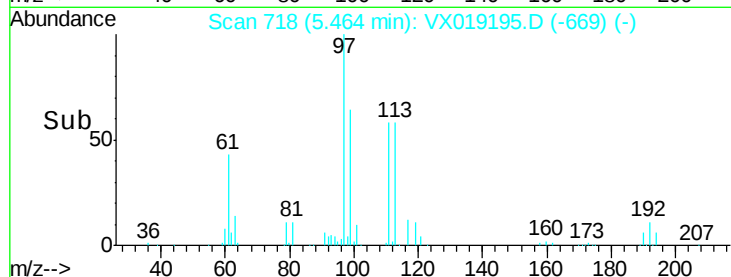
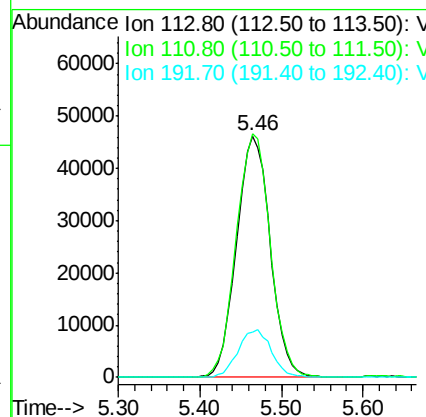
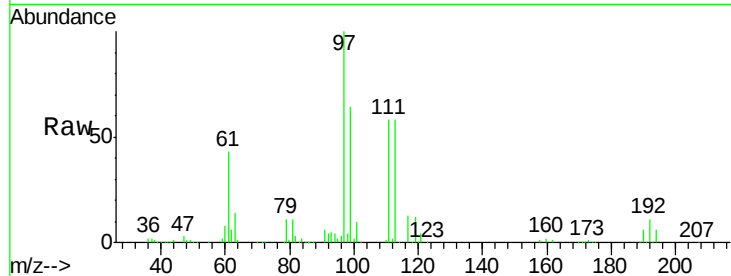
#35
Dibromofluoromethane
Concen: 48.686 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132074		
111	102.3	82.3	123.5	
192	19.6	16.2	24.2	

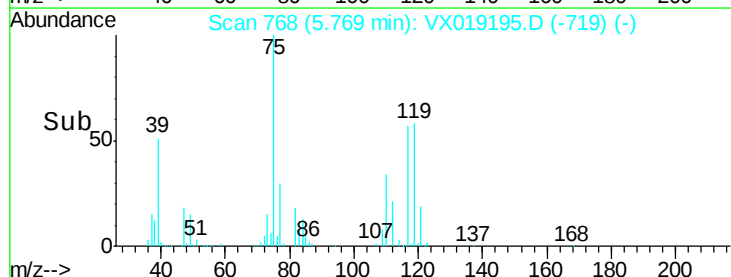
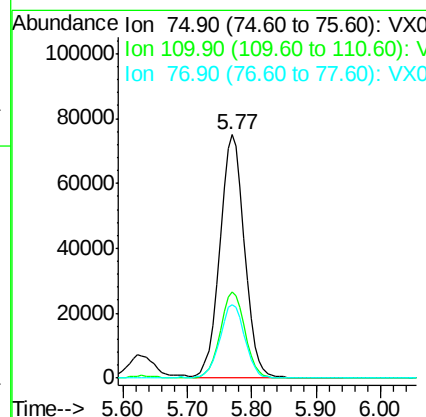
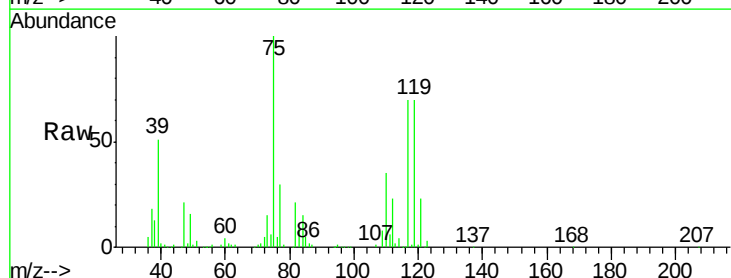
Manual Integrations
APPROVED

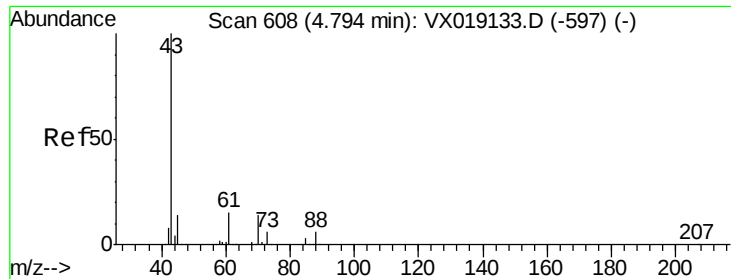
MMDadoda
10/30/2020 12:00:51 PM



#36
1,1-Dichloropropene
Concen: 50.796 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202578		
110	35.5	18.3	54.9	
77	30.7	24.9	37.3	





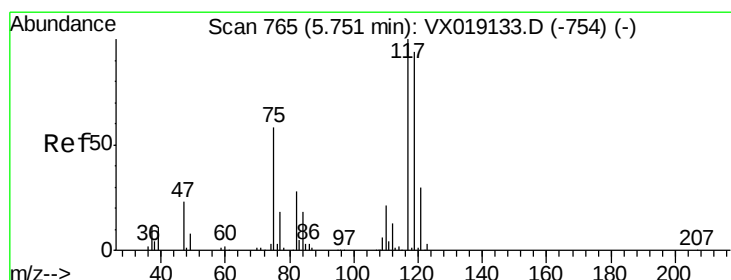
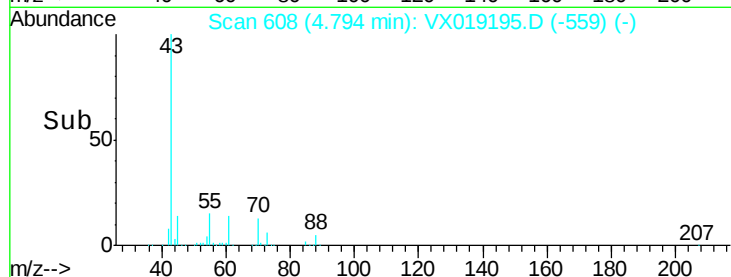
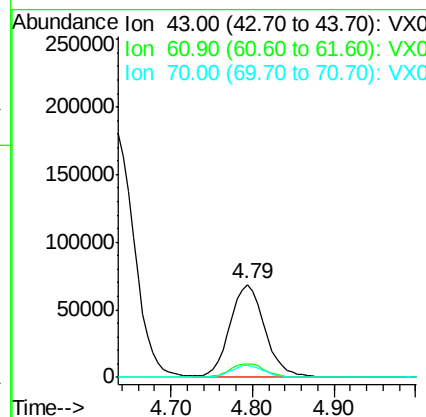
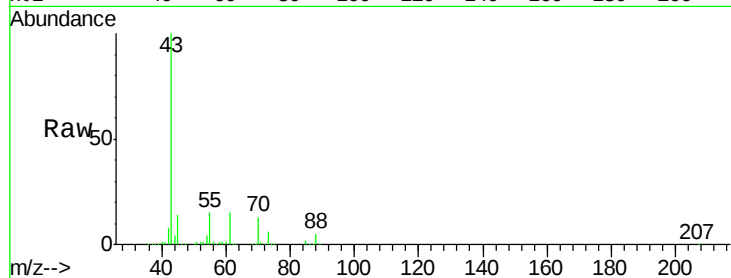
#37
Ethyl Acetate
Concen: 54.098 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.5	18.7
70	12.5	10.5	15.7

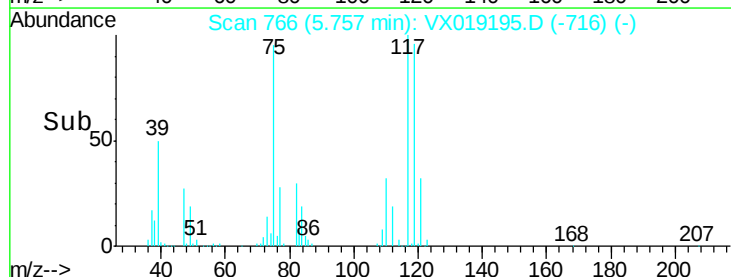
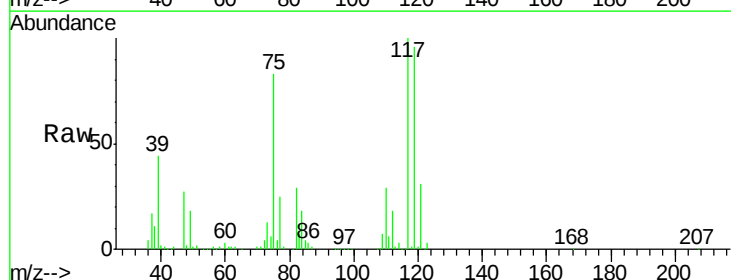
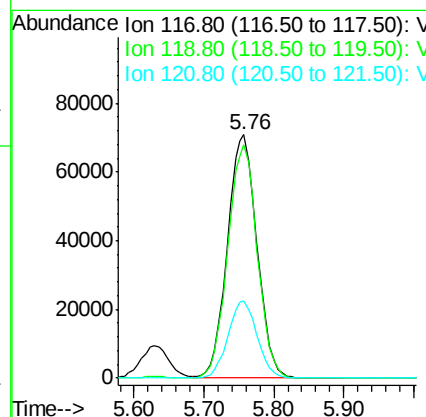
Manual Integrations
APPROVED

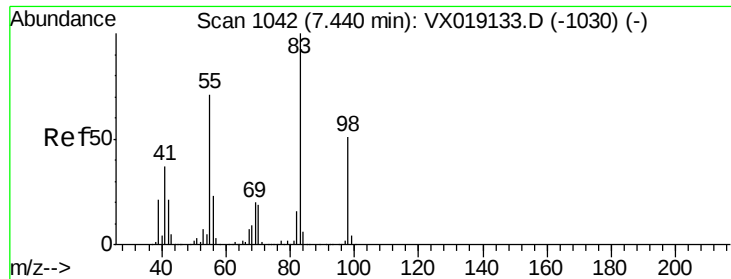
MMDadoda
10/30/2020 12:00:51 PM



#38
Carbon Tetrachloride
Concen: 51.080 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
121	31.5	23.9	35.9





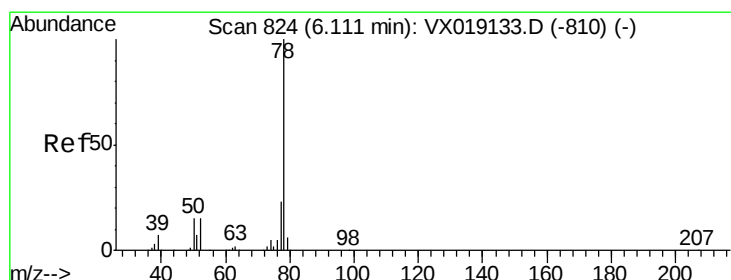
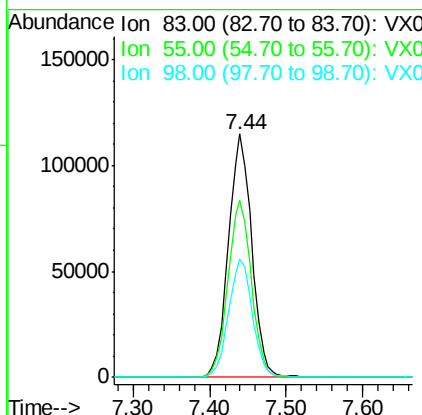
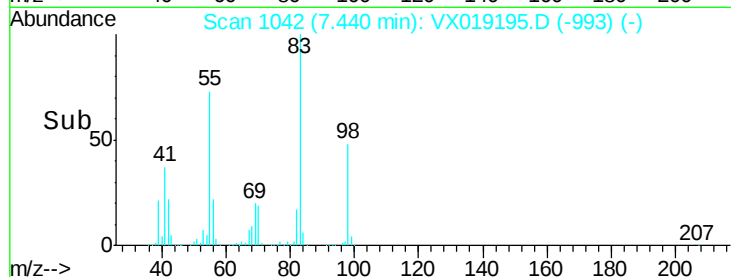
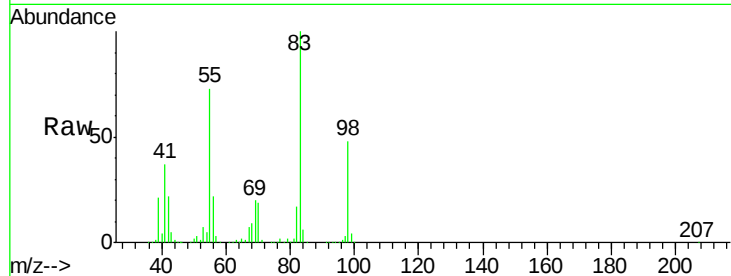
#39
Methvlcvclohexane
Concen: 50.748 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	241994		
55	72.7		57.0	85.6
98	48.5		40.5	60.7

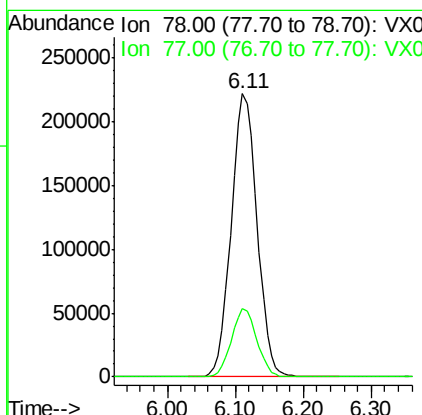
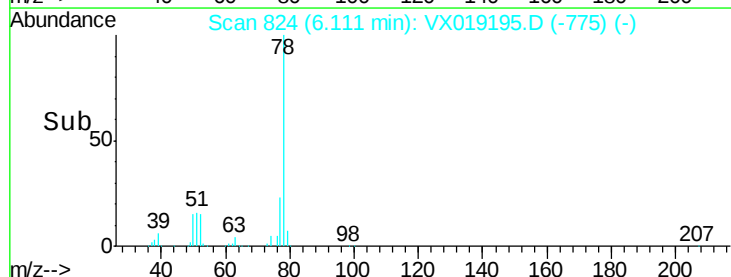
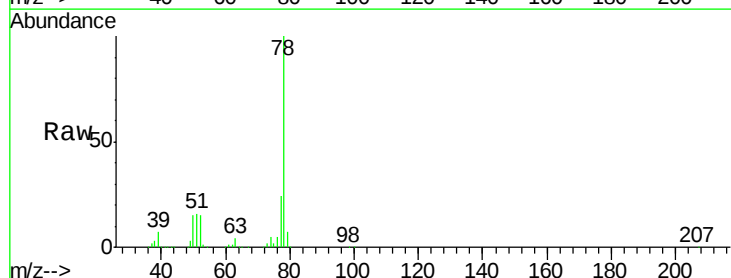
Manual Integrations
APPROVED

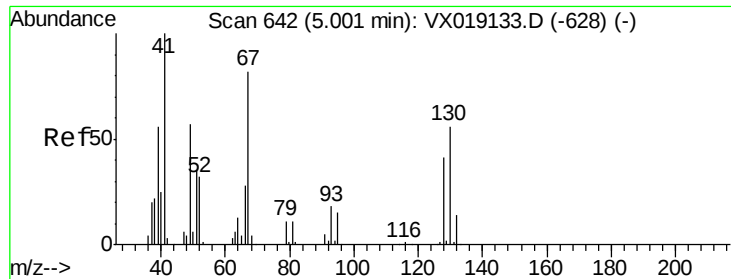
MMDadoda
10/30/2020 12:00:51 PM



#40
Benzene
Concen: 51.741 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	585062		
77	24.0		18.7	28.1





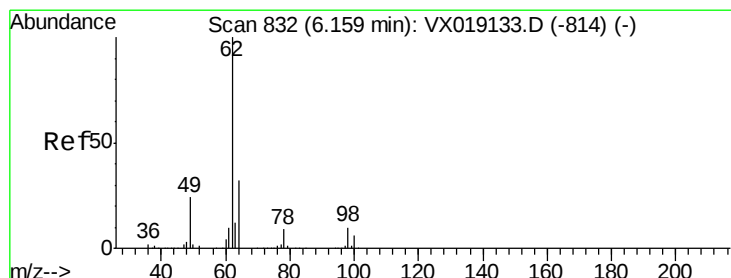
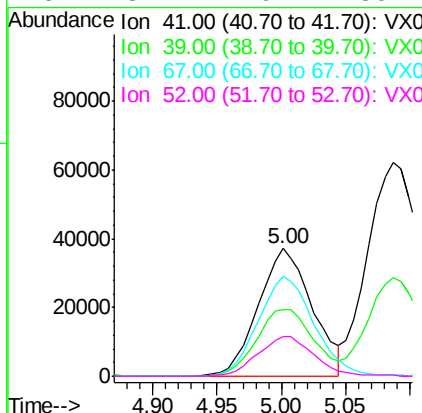
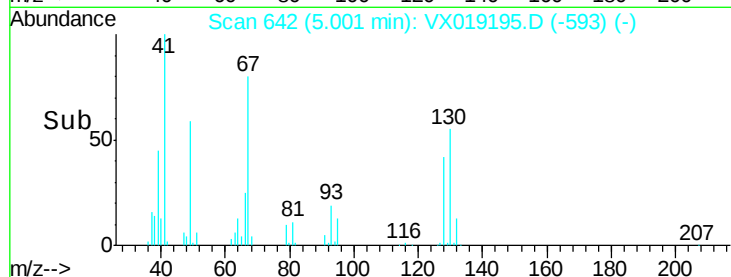
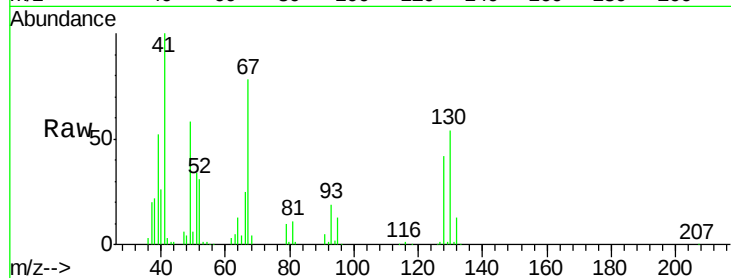
#41
Methacrylonitrile
Concen: 54.230 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		108141		
39	55.0	44.4	66.6		
67	80.4	66.4	99.6		
52	32.2	26.2	39.4		

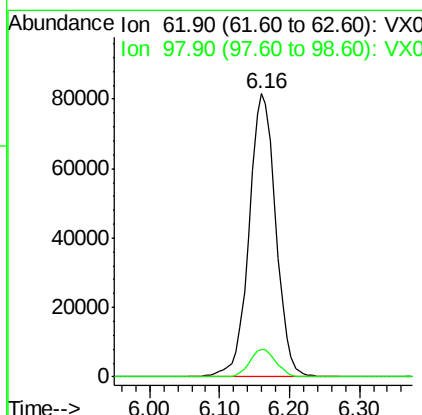
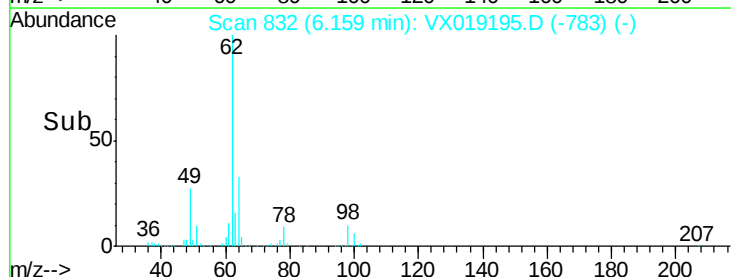
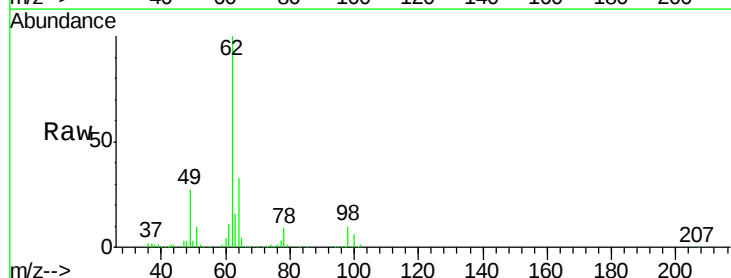
Manual Integrations
APPROVED

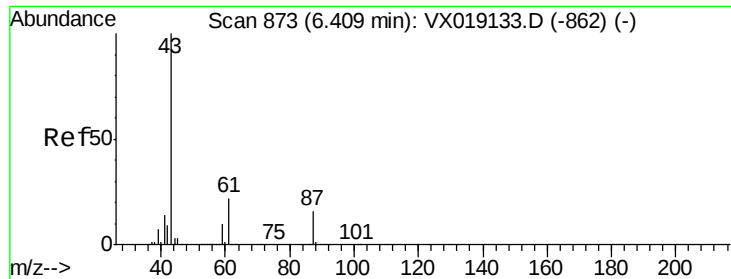
MMDadoda
10/30/2020 12:00:51 PM



#42
1,2-Dichloroethane
Concen: 51.956 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		216517		
98	9.5	0.0	19.0		





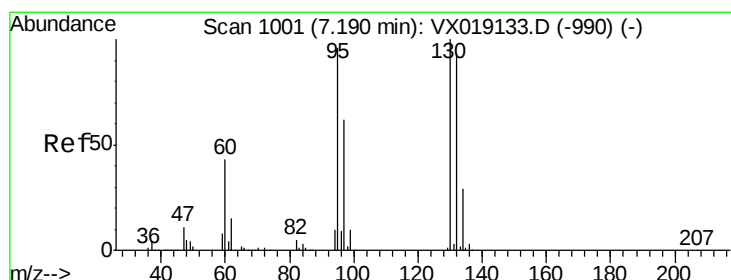
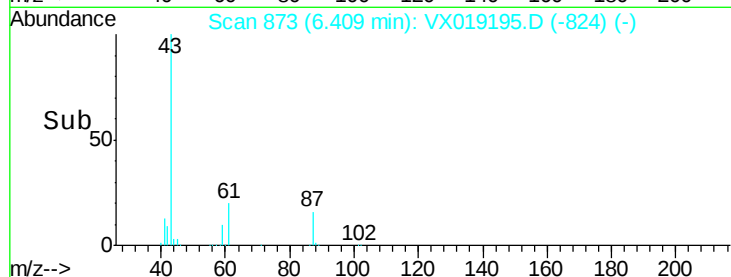
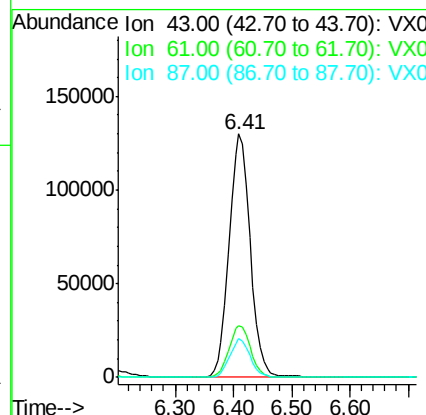
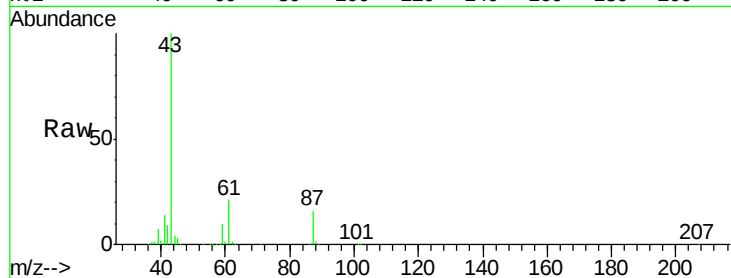
#43
Isopropyl Acetate
Concen: 52.783 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.4	12.6	19.0

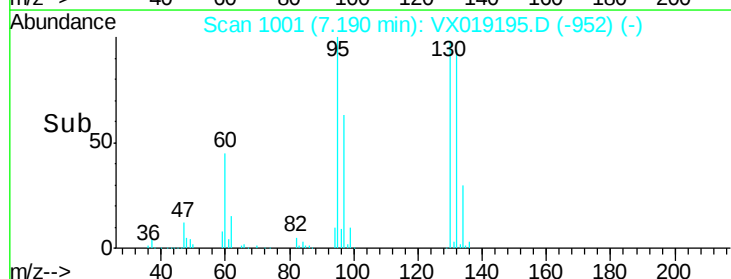
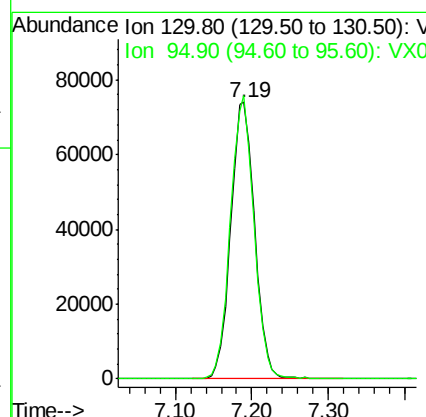
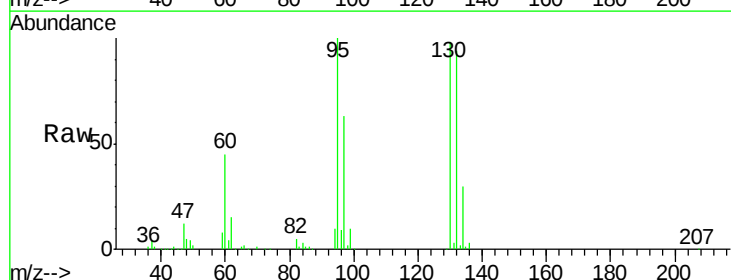
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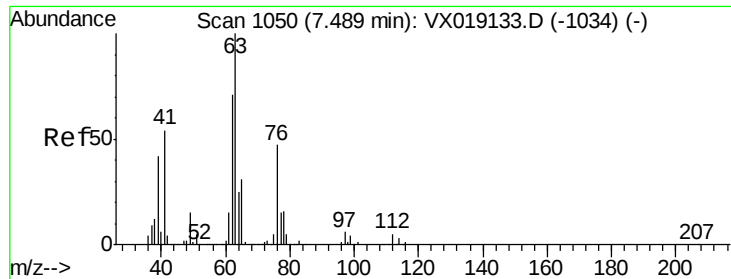
MMDadoda
10/30/2020 12:00:51 PM



#44
Trichloroethene
Concen: 49.412 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	192.0





#45

1,2-Dichloropropane

Concen: 53.135 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 147163

Ion Ratio Lower Upper

63 100

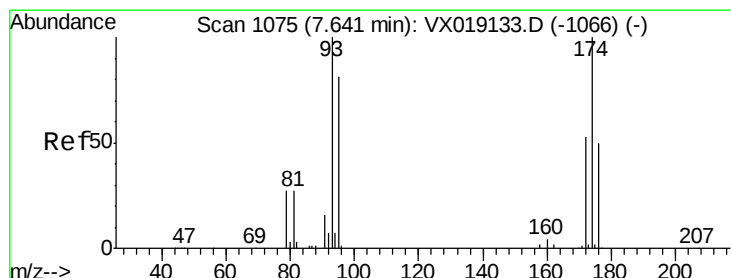
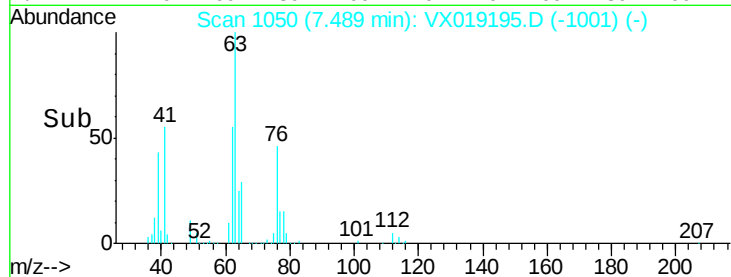
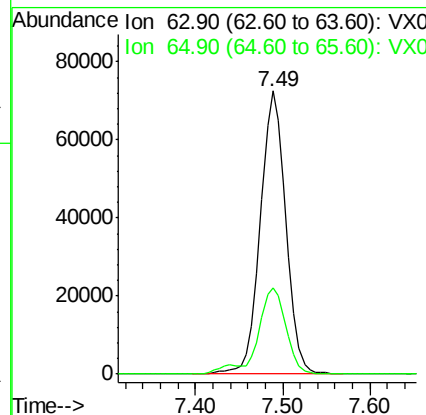
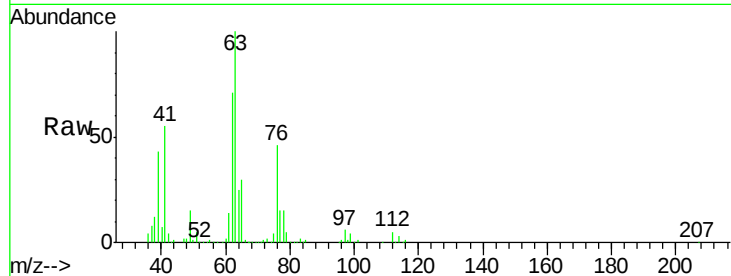
65 30.3 25.2 37.8

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#46

Dibromomethane

Concen: 51.105 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

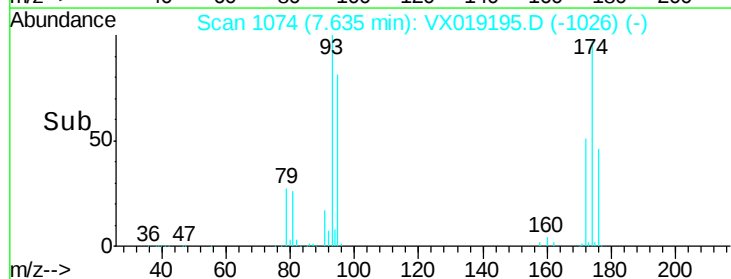
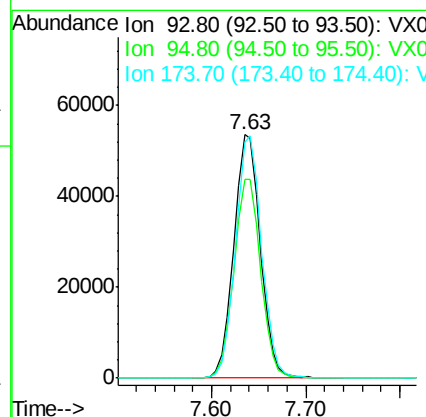
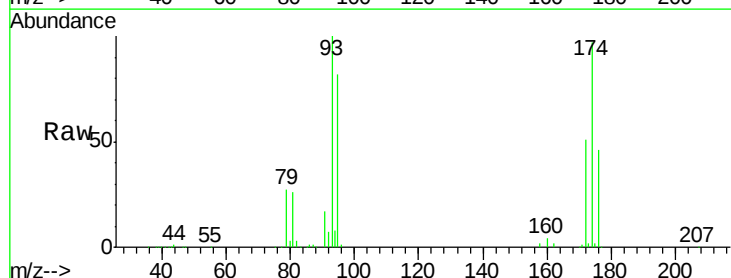
Tgt Ion: 93 Resp: 104665

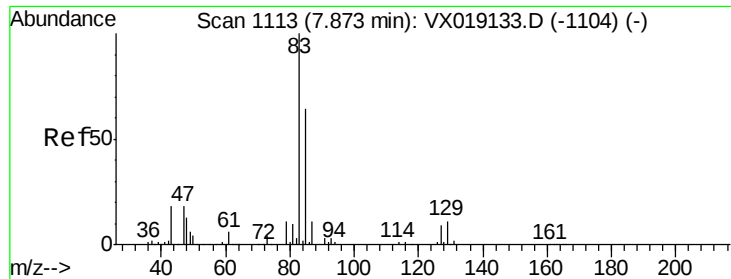
Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

174 98.4 81.7 122.5





#47

Bromodichloromethane

Concen: 52.577 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

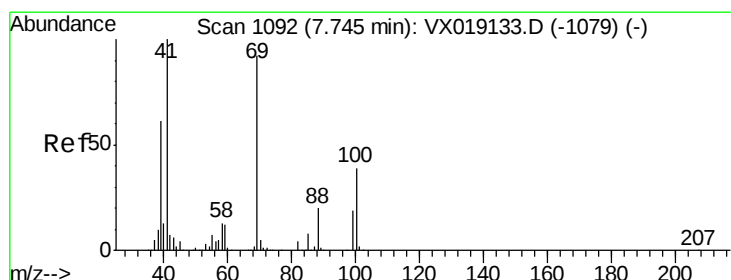
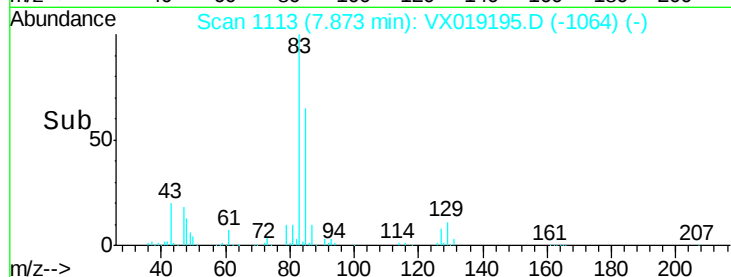
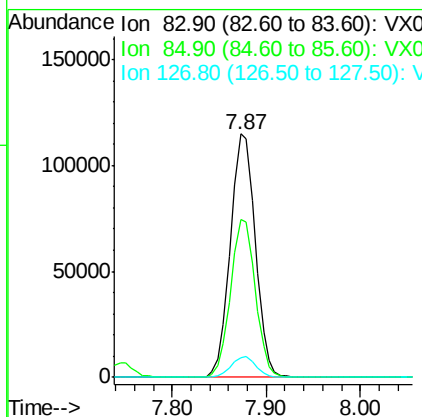
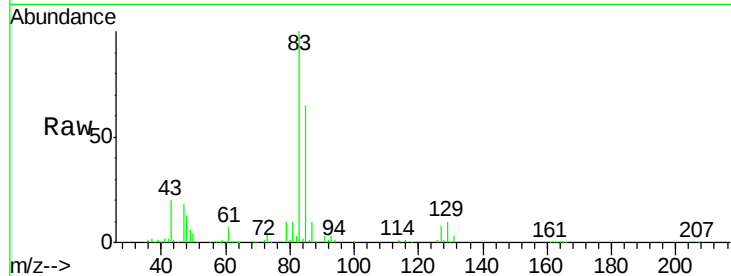
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	212241
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.2	76.8
127	8.2	7.1	10.7

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#48

Methyl methacrylate

Concen: 54.243 ug/l

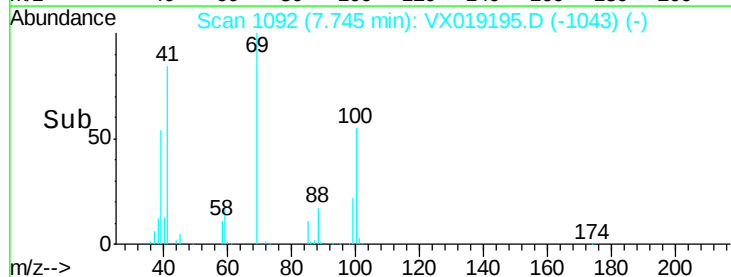
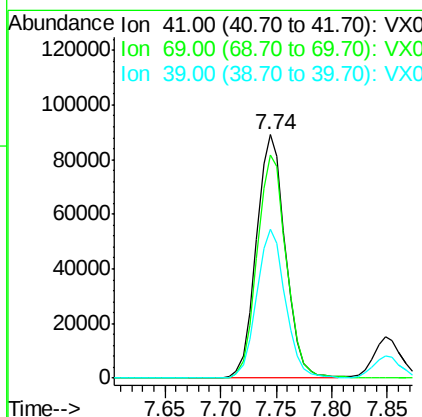
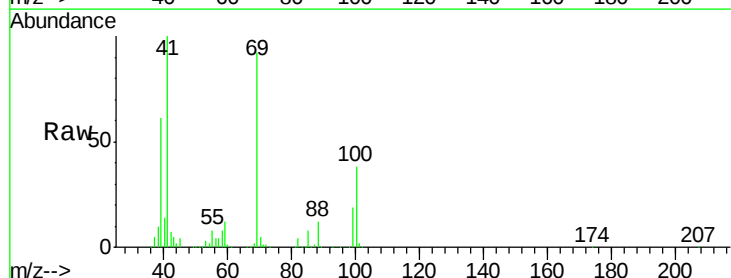
RT: 7.74 min Scan# 1092

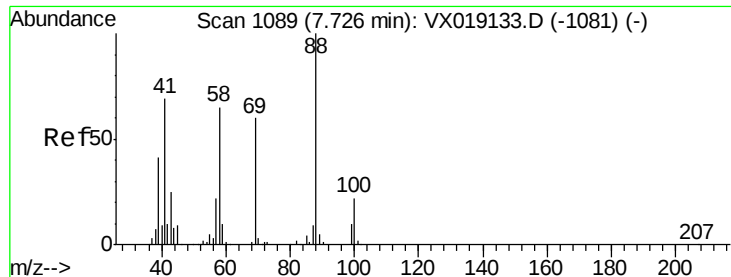
Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Tgt Ion:	41	Resp:	161873
Ion Ratio	Lower	Upper	
41	100		
69	92.4	75.5	113.3
39	60.4	48.9	73.3





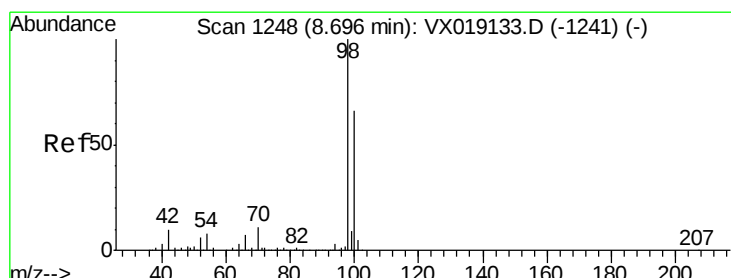
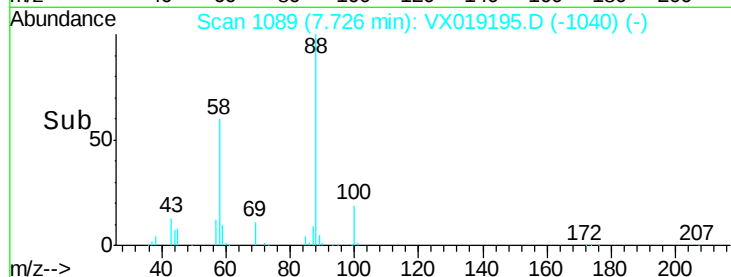
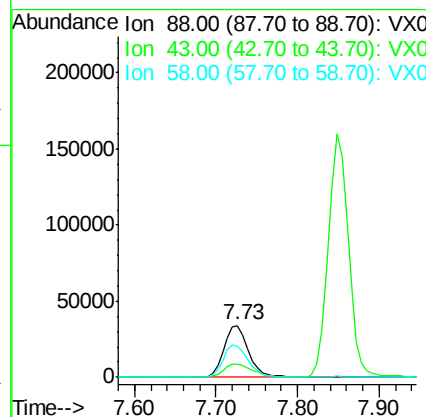
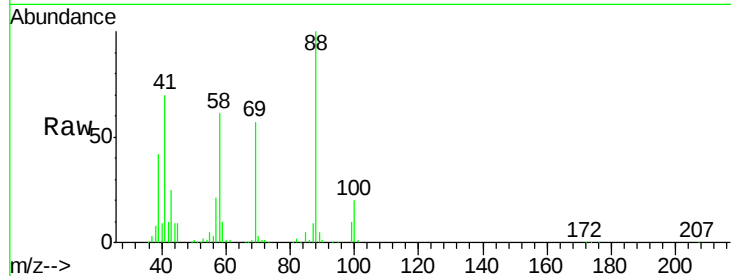
#49
1,4-Dioxane
Concen: 1073.020 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	71211
Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.0	34.6
58	65.0	52.2	78.2

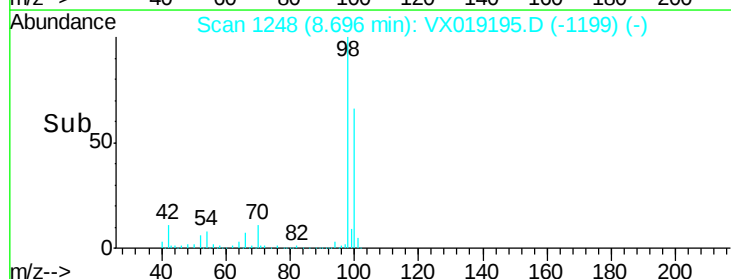
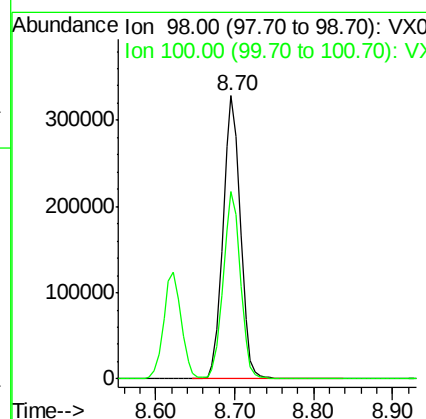
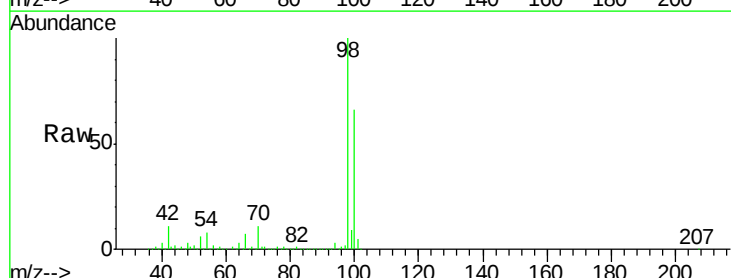
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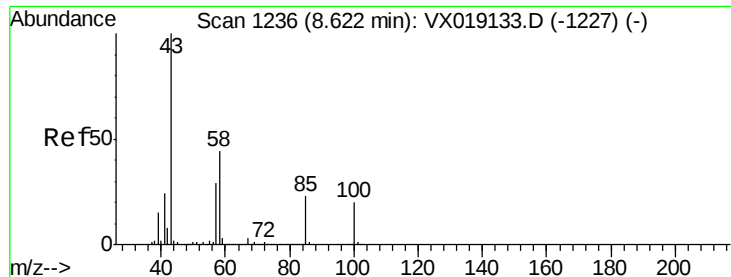
MMDadoda
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#50
Toluene-d8
Concen: 49.380 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	98	Resp	504973
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





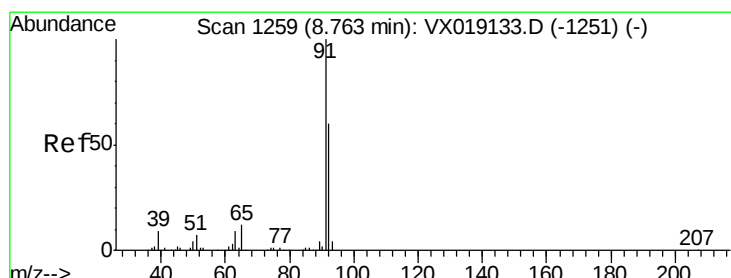
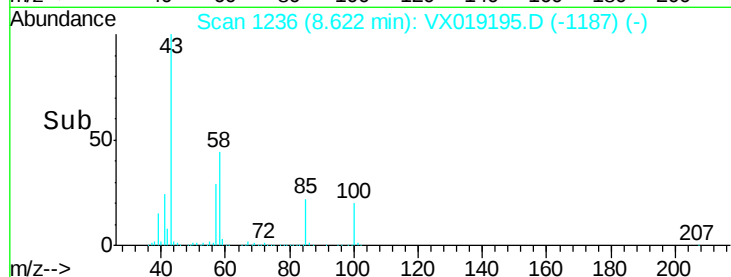
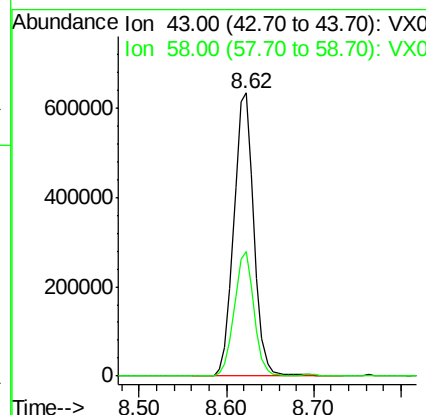
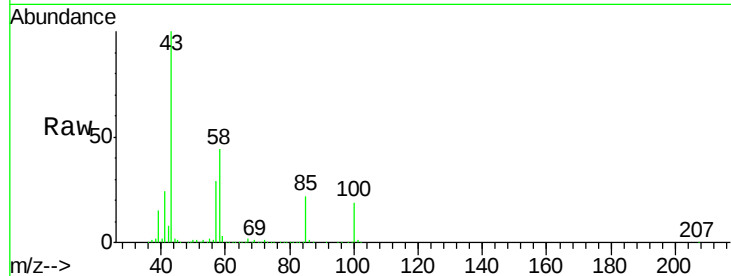
#51
 4-Methyl-2-Pentanone
 Concen: 283.863 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1011555
 Ion Ratio Lower Upper
 43 100
 58 43.3 35.0 52.4

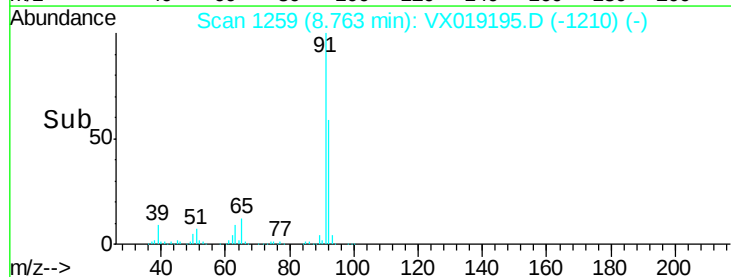
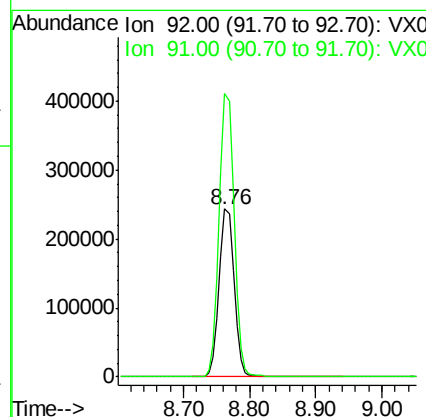
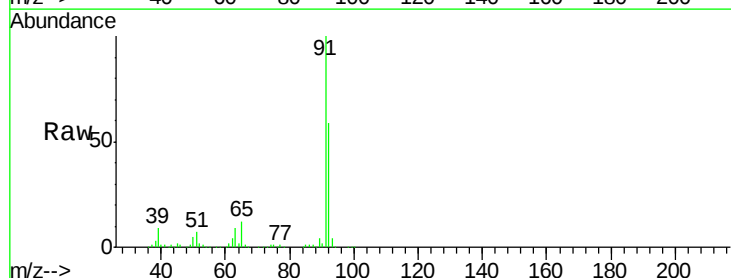
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 10/30/2020 12:00:51 PM



#52
 Toluene
 Concen: 52.501 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 92 Resp: 382354
 Ion Ratio Lower Upper
 92 100
 91 169.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 51.697 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 238361

Ion Ratio Lower Upper

75 100

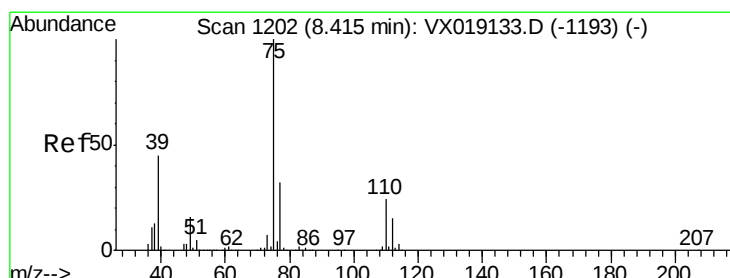
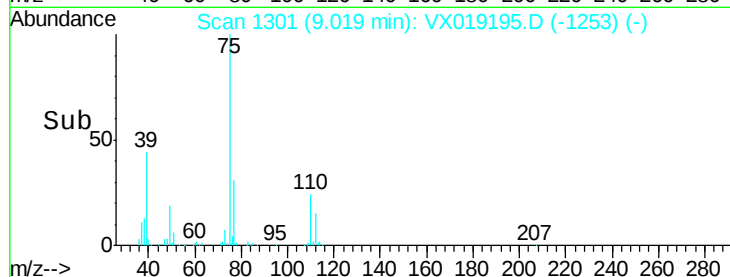
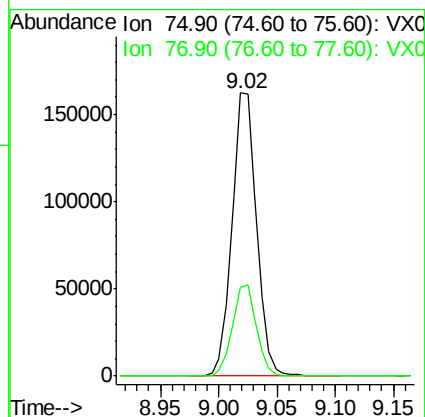
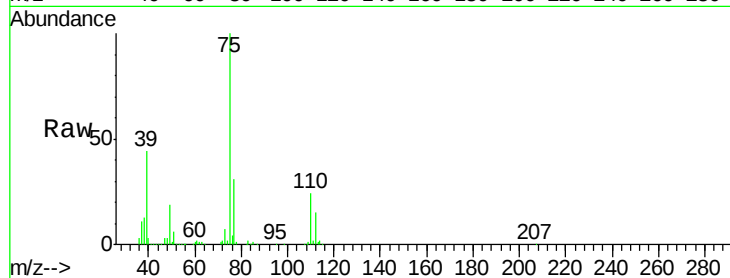
77 31.2 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.002 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

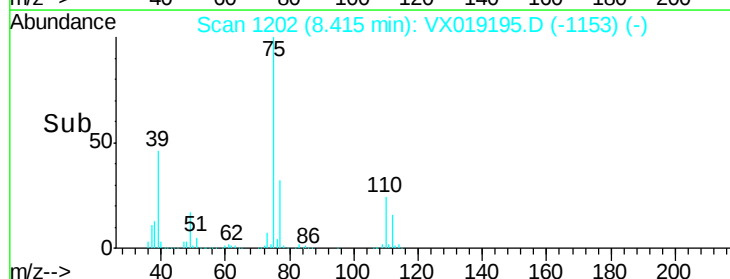
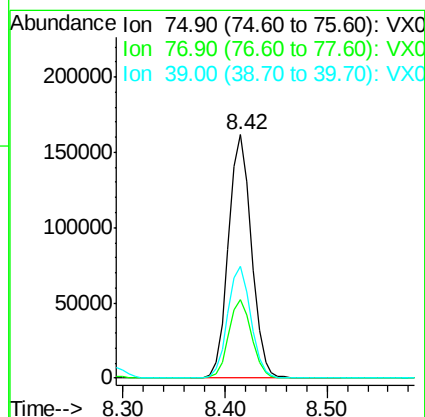
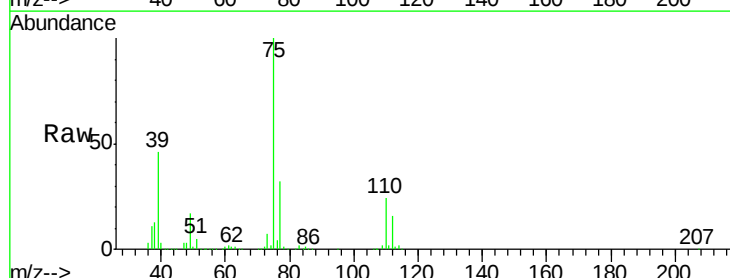
Tgt Ion: 75 Resp: 252131

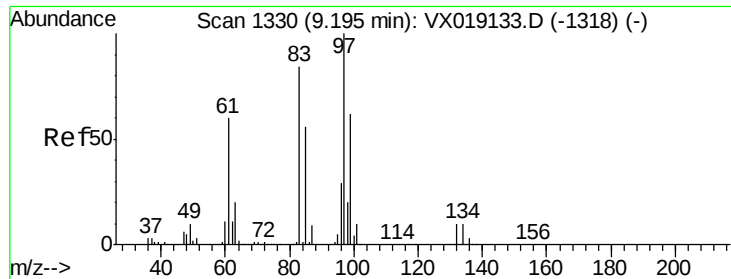
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 46.1 36.2 54.2





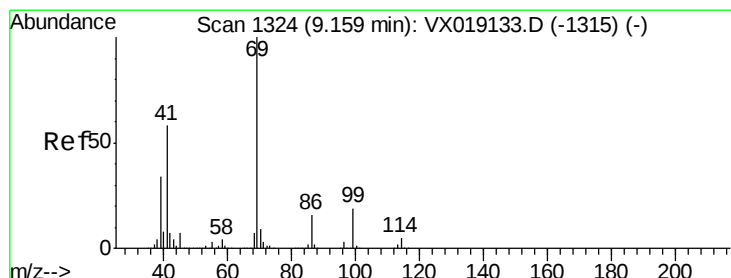
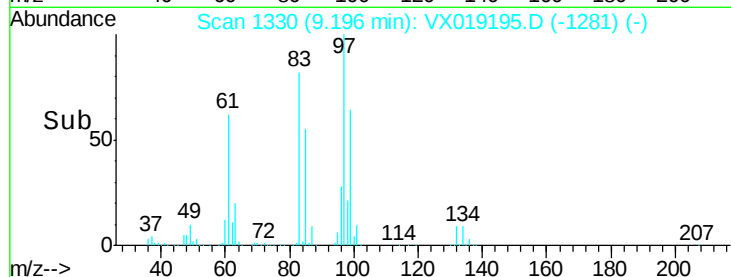
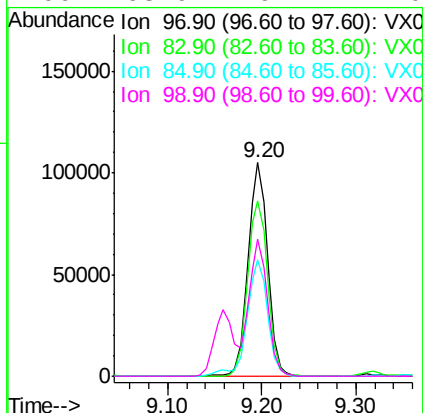
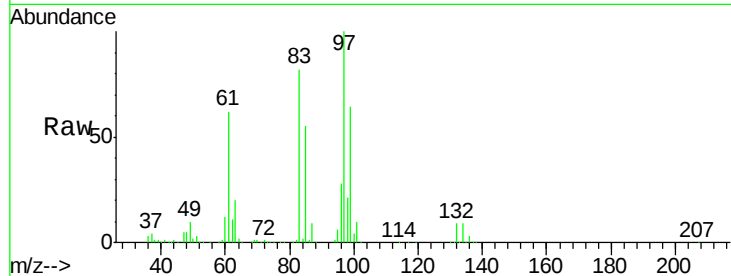
#55
 1,1,2-Trichloroethane
 Concen: 53.281 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	153317
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.2	100.8
85	54.7	44.6	67.0
99	63.9	49.4	74.0

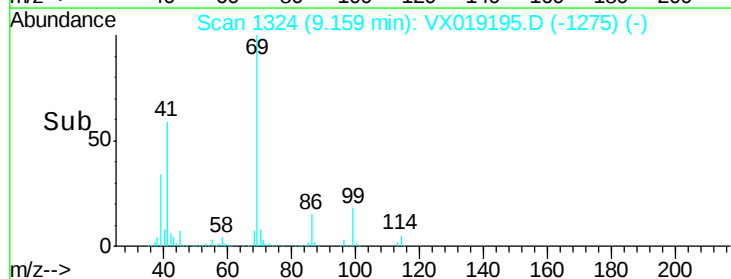
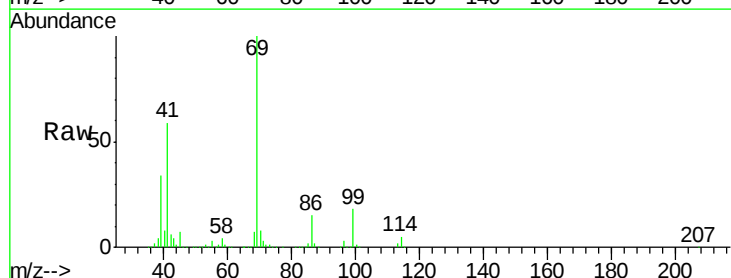
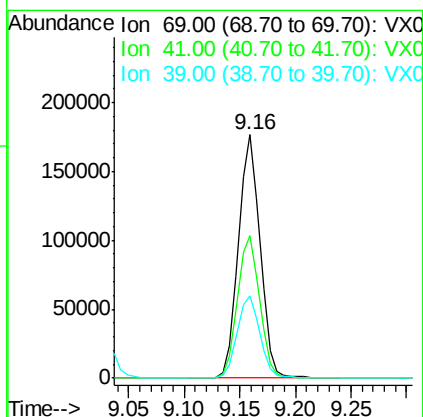
Manual Integrations
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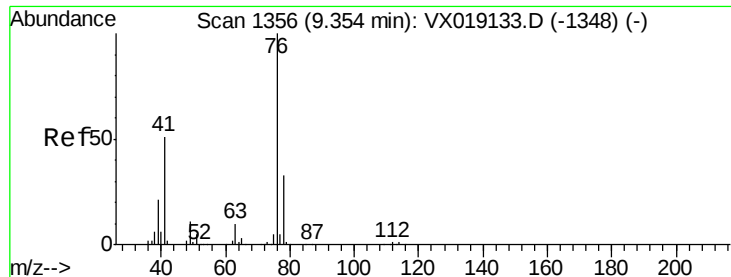
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 10/30/2020 12:00:51 PM



#56
 Ethyl methacrylate
 Concen: 55.049 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion:	69	Resp:	239261
Ion	Ratio	Lower	Upper
69	100		
41	59.6	46.5	69.7
39	34.9	27.6	41.4





#57

1,3-Dichloropropane

Concen: 53.055 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 257396

Ion Ratio Lower Upper

76 100

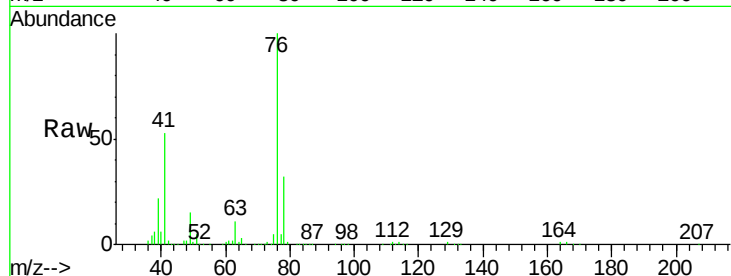
78 32.3 25.9 38.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

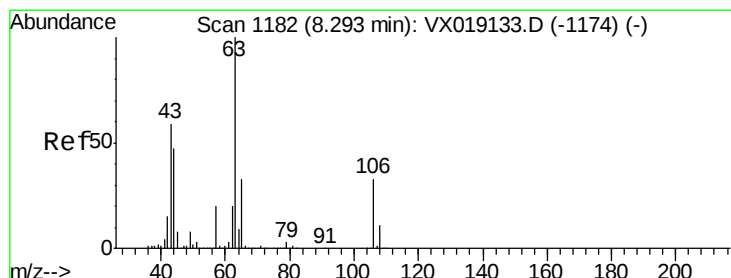
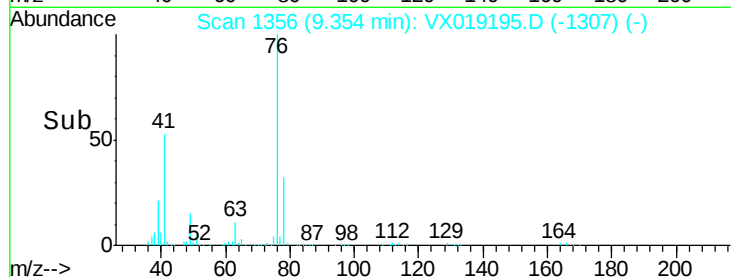
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.559 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019195.D

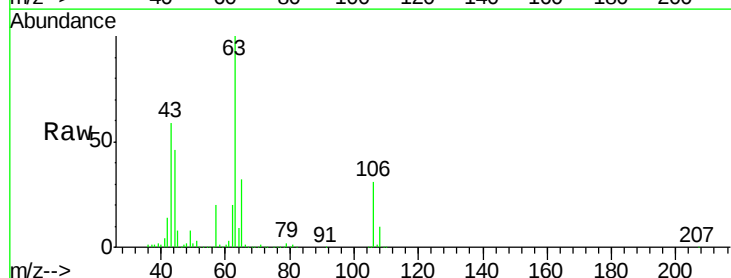
Acq: 29 Oct 2020 18:03

Tgt Ion: 63 Resp: 626059

Ion Ratio Lower Upper

63 100

106 30.1 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

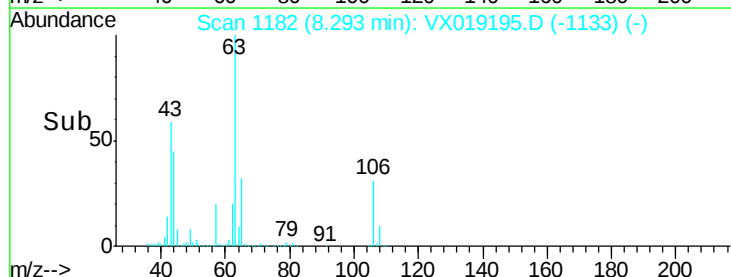
300000

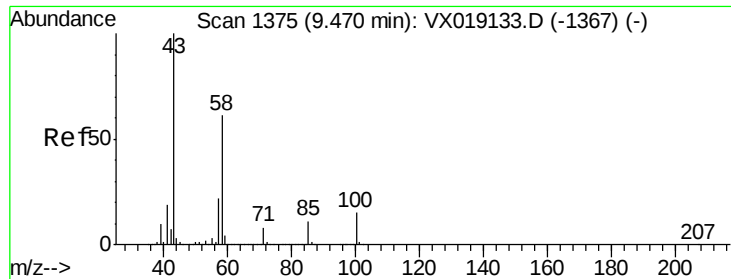
200000

100000

0

Time-->





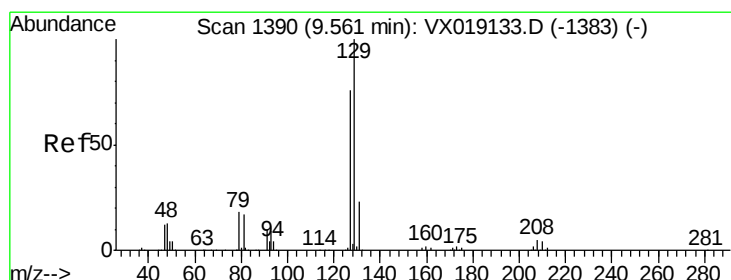
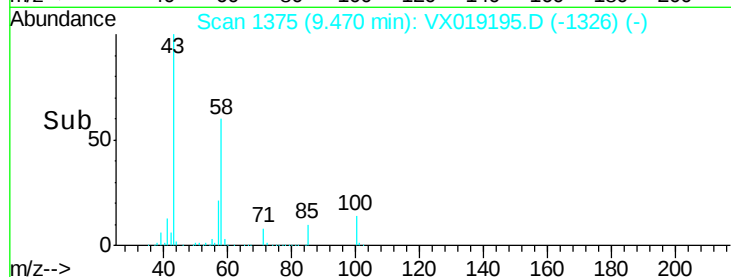
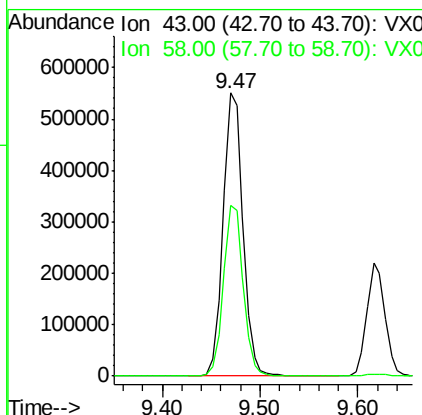
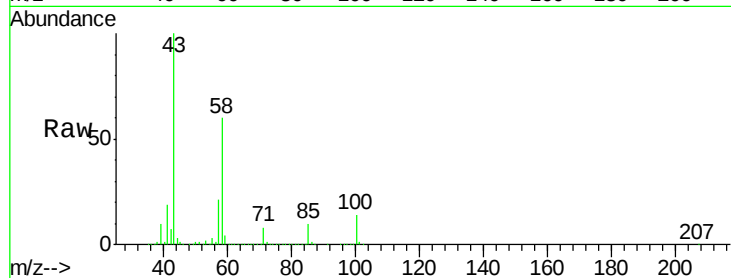
#59
2-Hexanone
Concen: 285.388 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 774140
Ion Ratio Lower Upper
43 100
58 60.3 30.5 91.5

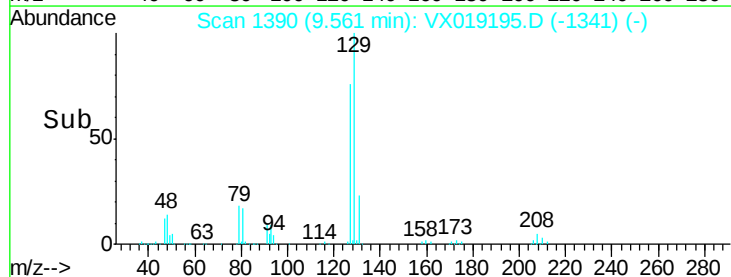
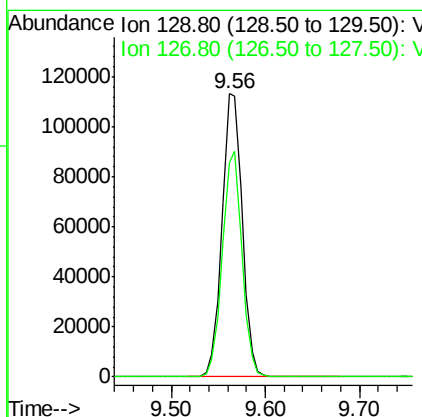
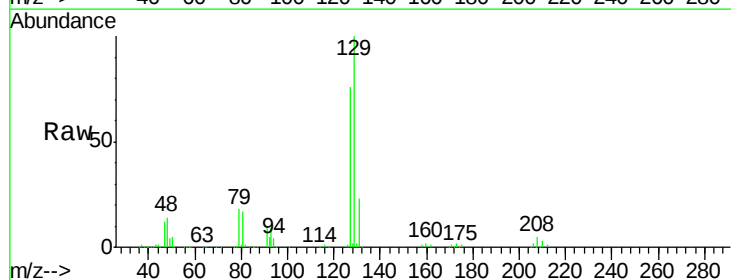
Manual Integrations
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#60
Dibromochloromethane
Concen: 53.964 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 129 Resp: 168520
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





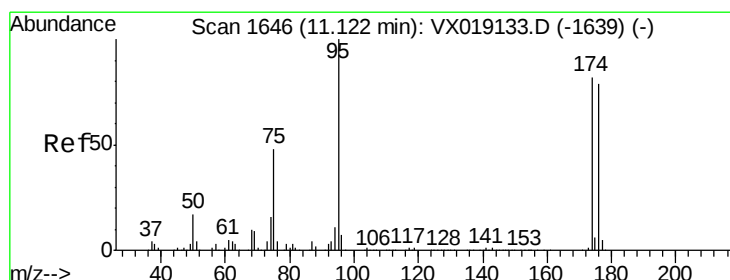
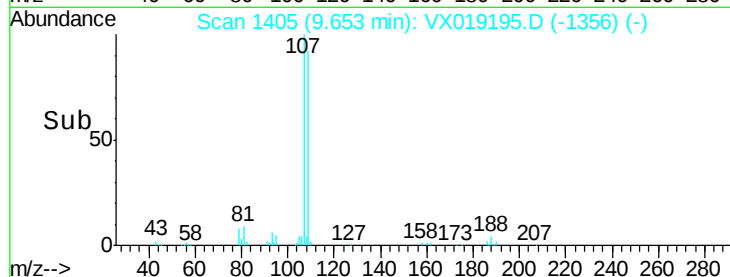
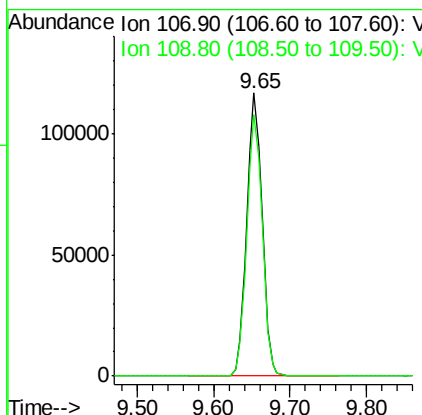
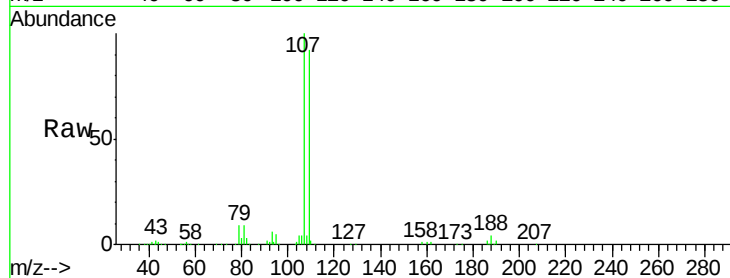
#61
 1,2-Dibromoethane
 Concen: 53.195 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.9	113.9

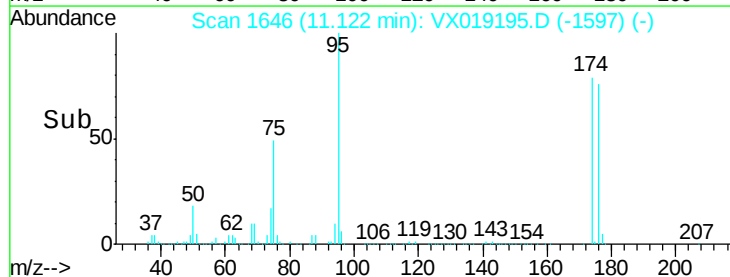
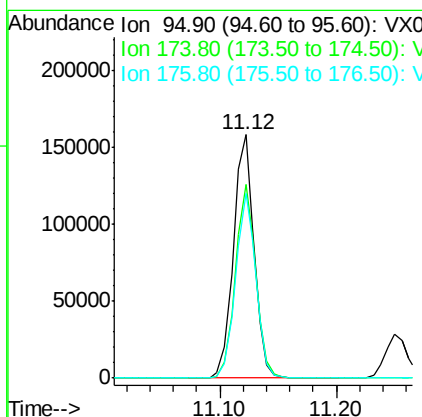
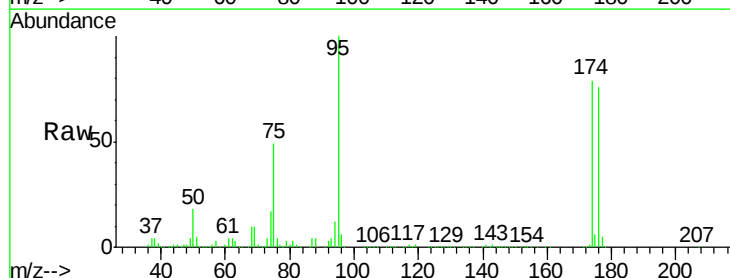
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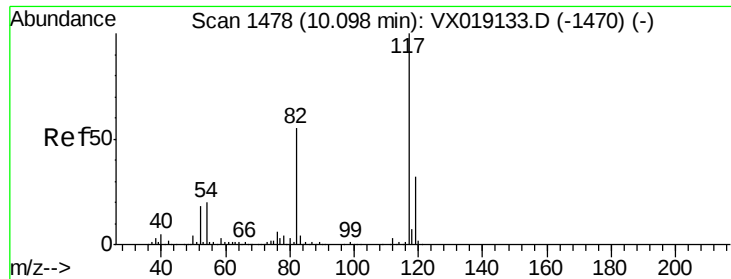
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#62
 4-Bromofluorobenzene
 Concen: 50.379 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	156.0
176	74.7	0.0	149.8





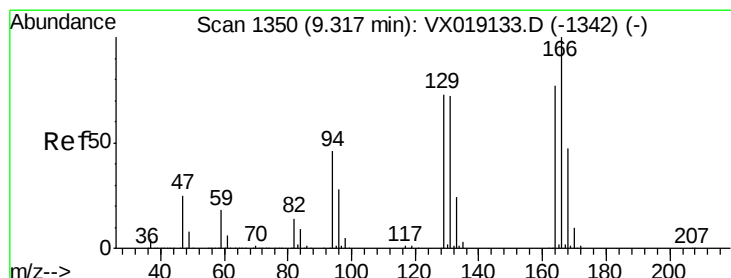
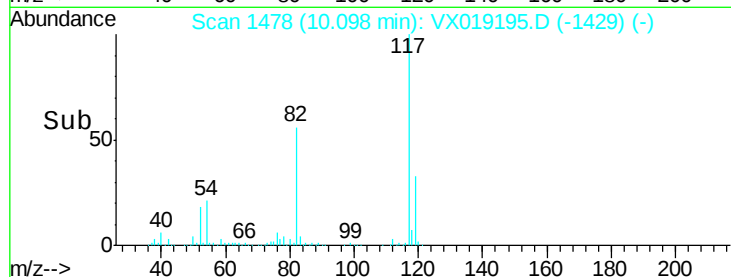
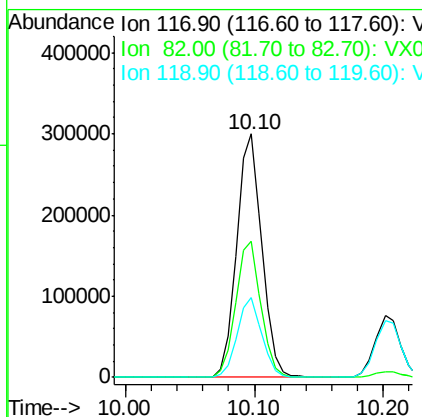
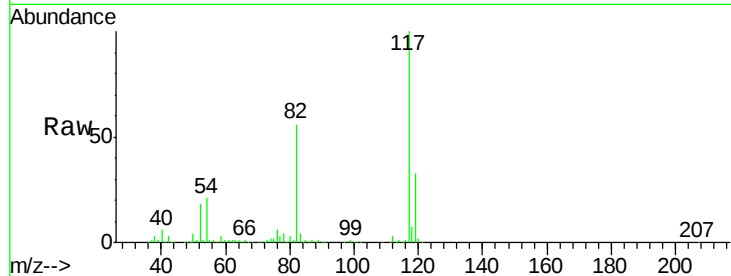
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	405539		
82	55.8	43.6	65.4	
119	32.8	25.5	38.3	

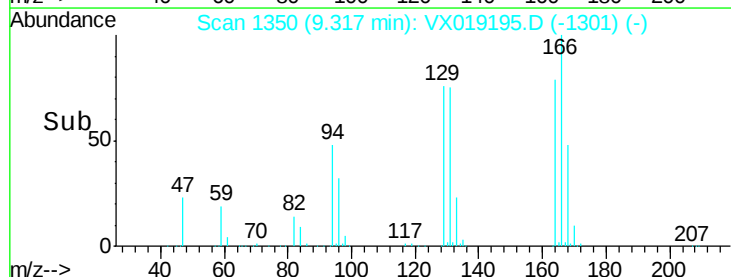
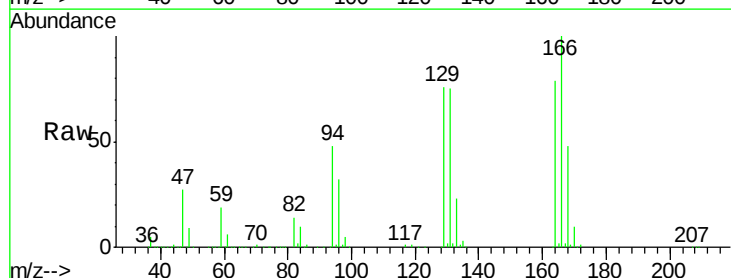
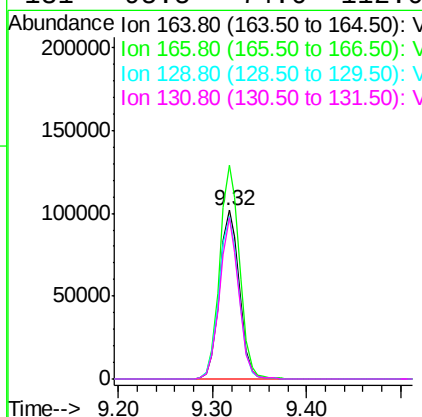
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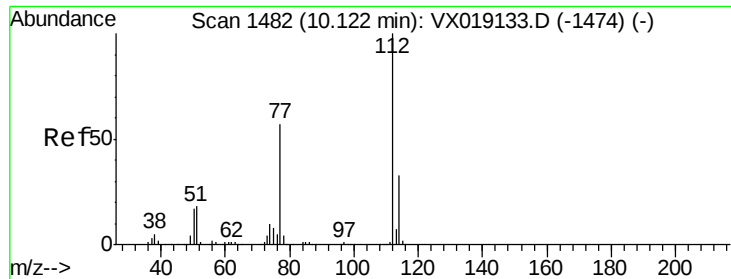
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#64
Tetrachloroethene
Concen: 47.919 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	148060		
166	126.8	104.1	156.1	
129	96.4	76.2	114.4	
131	95.5	74.6	112.0	





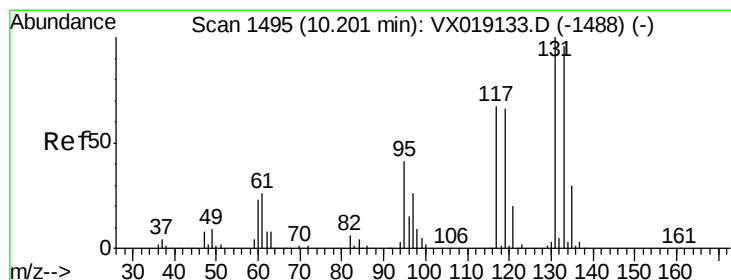
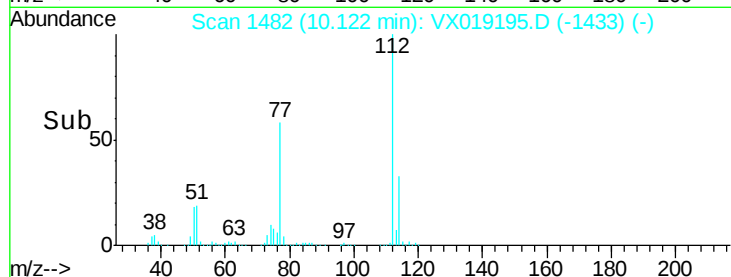
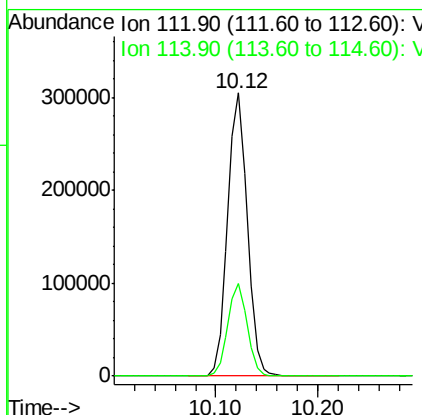
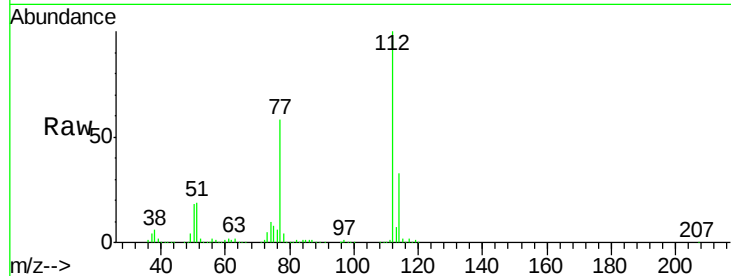
#65
Chlorobenzene
Concen: 48.980 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.1	39.1

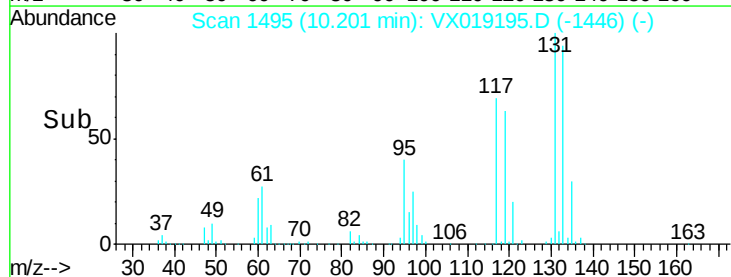
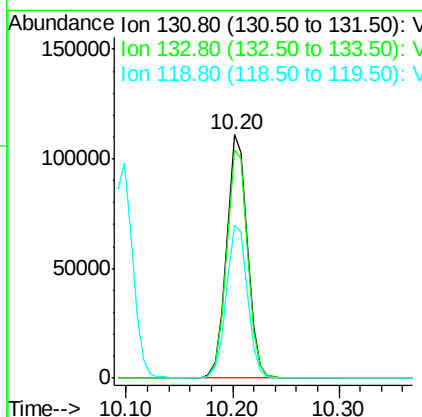
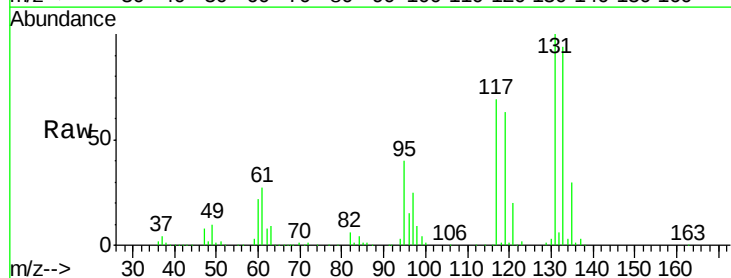
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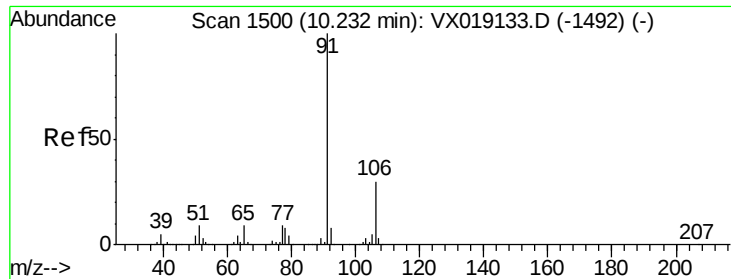
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.031 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.8
119	64.0	32.3	96.9





#67

Ethyl Benzene

Concen: 50.101 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 739987

Ion Ratio Lower Upper

91 100

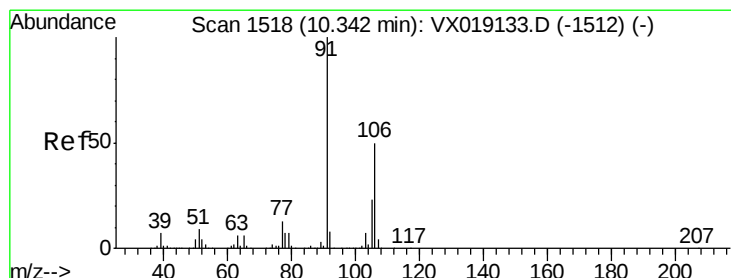
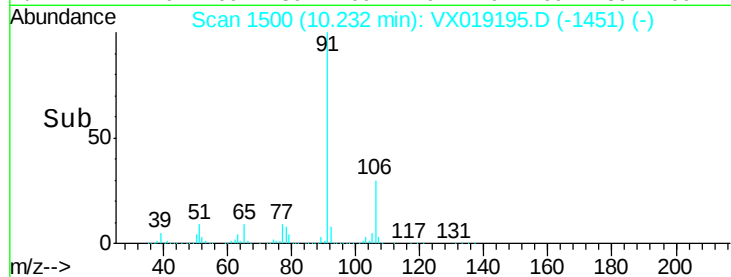
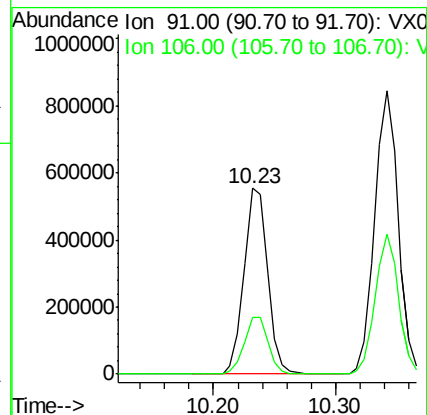
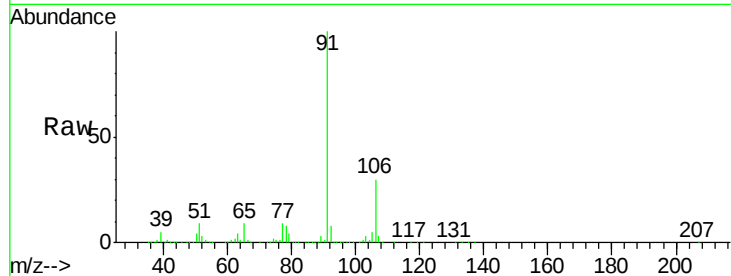
106 30.3 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 100.041 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019195.D

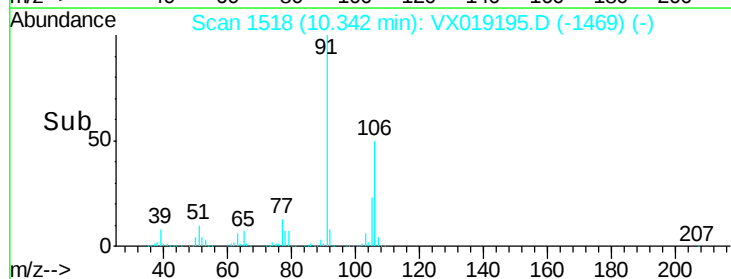
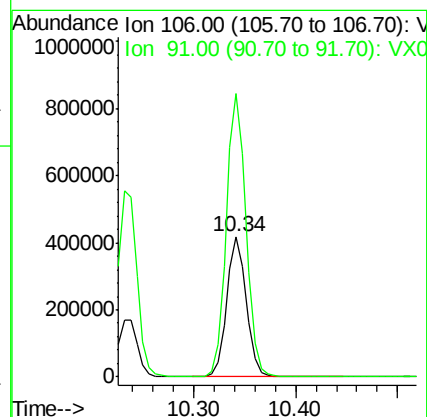
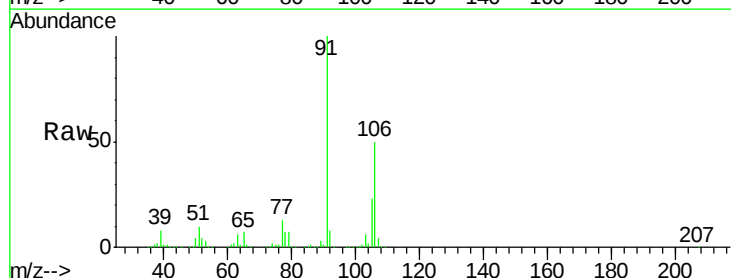
Acq: 29 Oct 2020 18:03

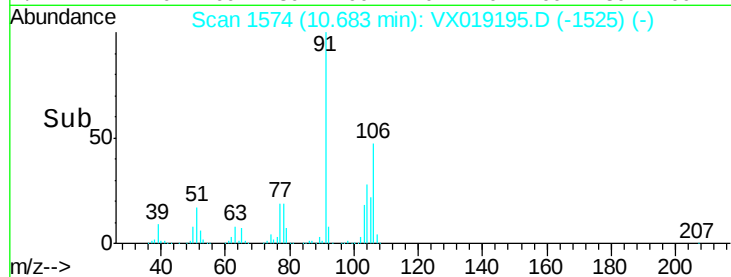
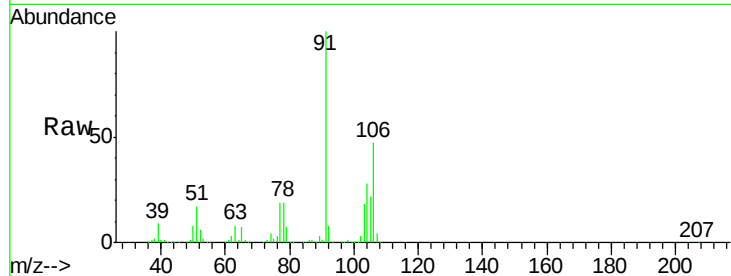
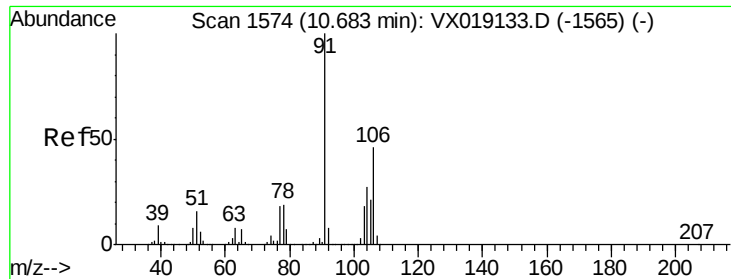
Tgt Ion: 106 Resp: 554569

Ion Ratio Lower Upper

106 100

91 204.1 161.0 241.4





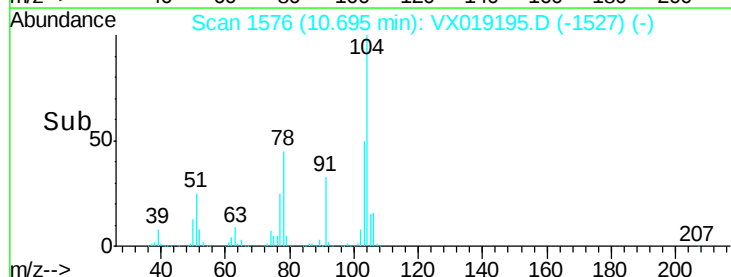
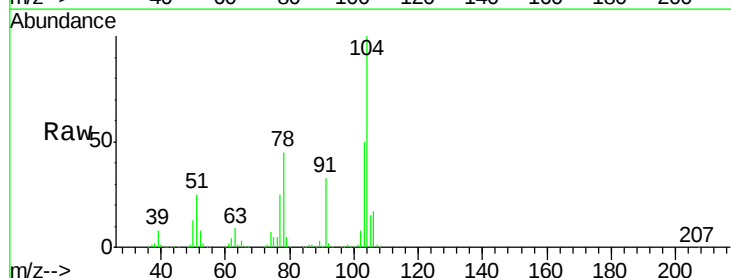
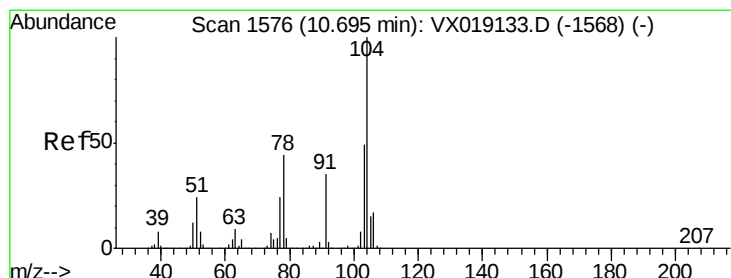
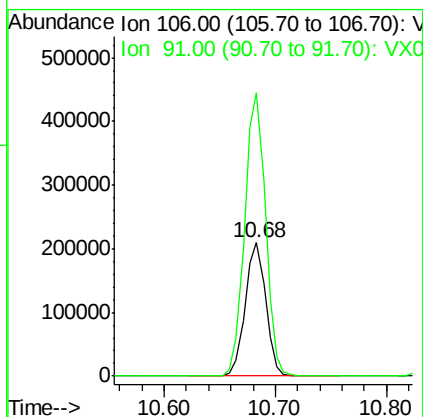
#69
o-Xylene
Concen: 51.074 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	268541		
91	214.9	108.3	324.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

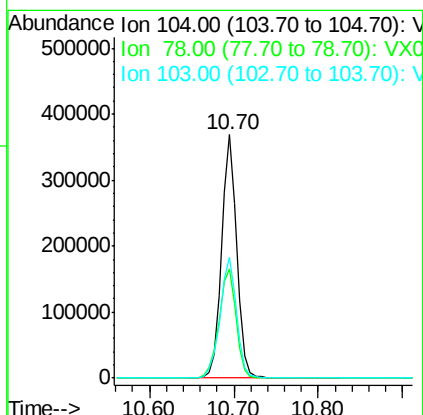
Manual Integrations
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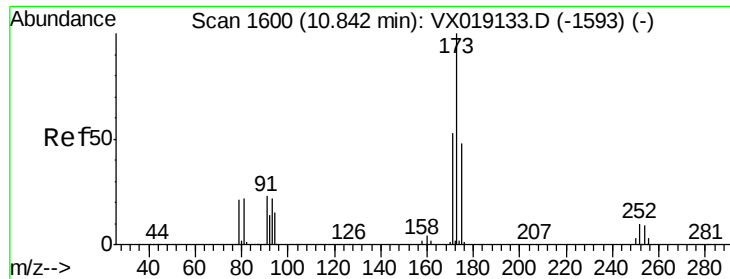
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#70
Styrene
Concen: 51.159 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	458962		
78	51.0	40.0	60.0	
103	54.2	43.5	65.3	





#71

Bromoform

Concen: 50.464 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 119393

Ion Ratio Lower Upper

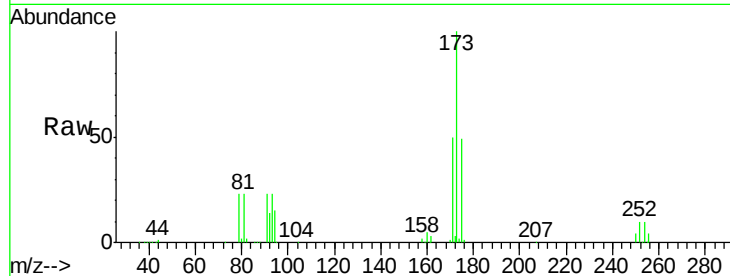
173 100

175 48.7 24.4 73.4

254 0.1 0.1 0.1

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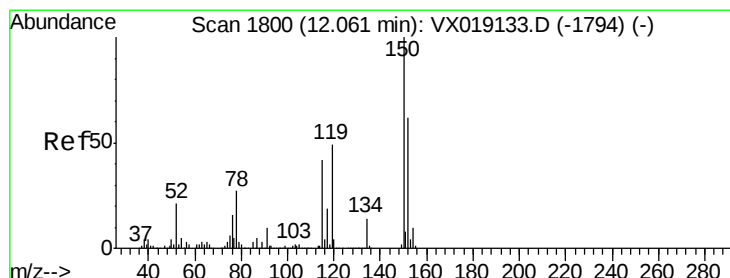
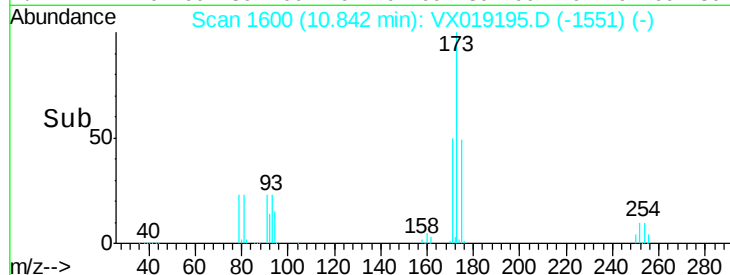
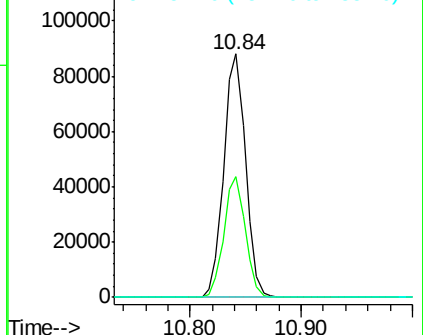
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019195.D

Acq: 29 Oct 2020 18:03

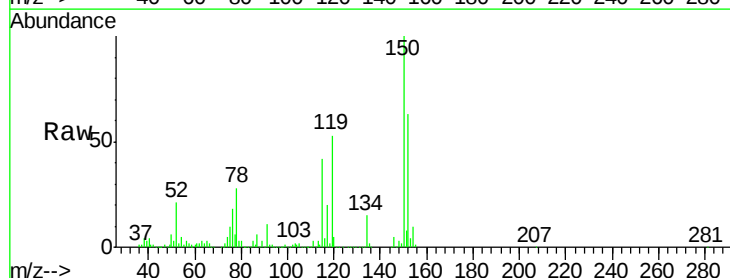
Tgt Ion:152 Resp: 198118

Ion Ratio Lower Upper

152 100

115 85.2 41.9 125.7

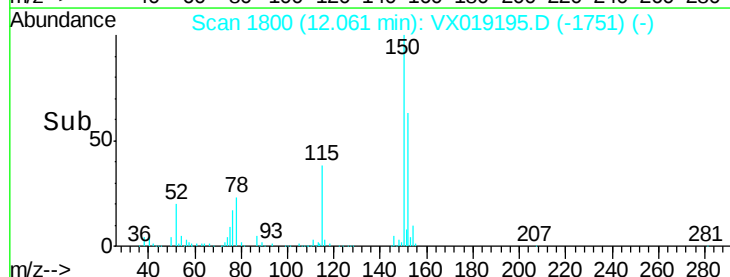
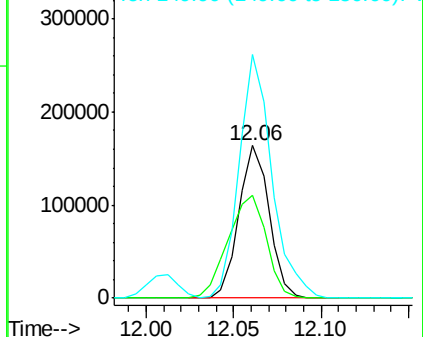
150 172.7 0.0 347.8

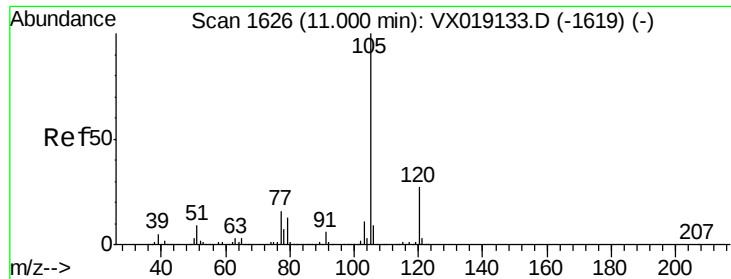


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.919 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 728105

Ion Ratio Lower Upper

105 100

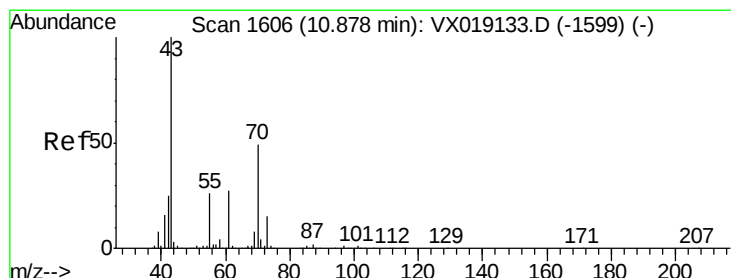
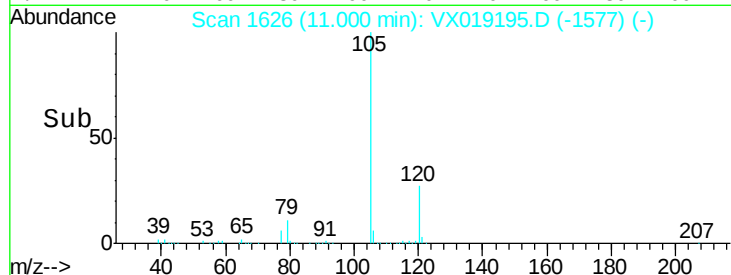
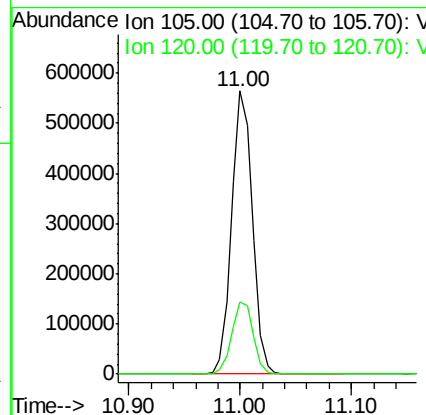
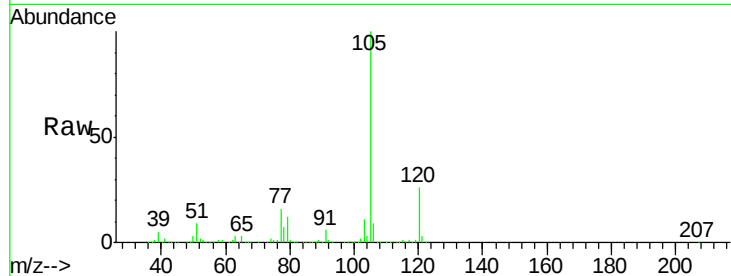
120 26.1 13.3 39.8

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#74

N-ethyl acetate

Concen: 55.457 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Tgt Ion: 43 Resp: 284358

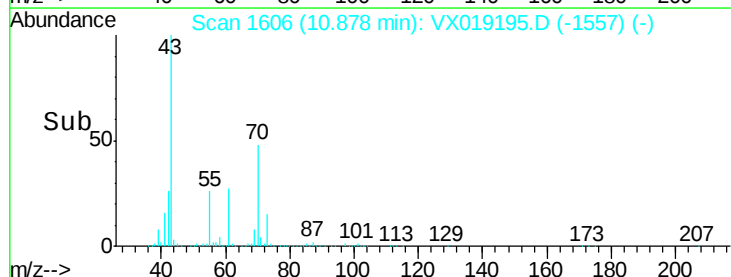
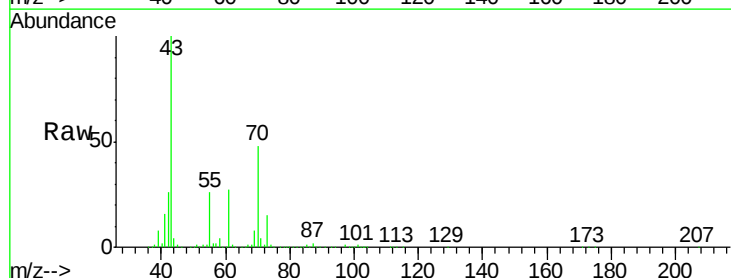
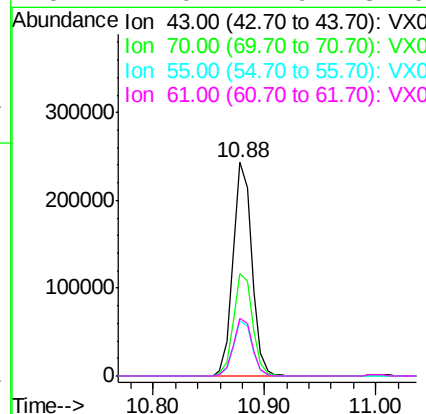
Ion Ratio Lower Upper

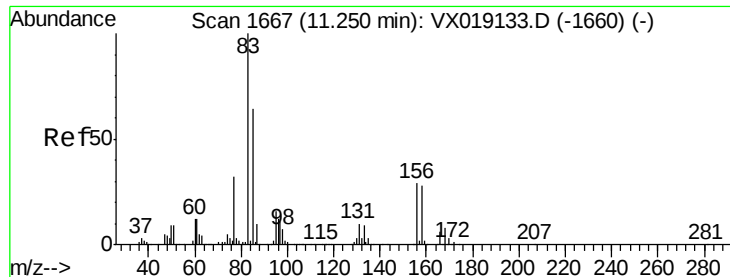
43 100

70 48.6 39.6 59.4

55 26.1 20.7 31.1

61 27.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.702 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 226598
Ion Ratio Lower Upper

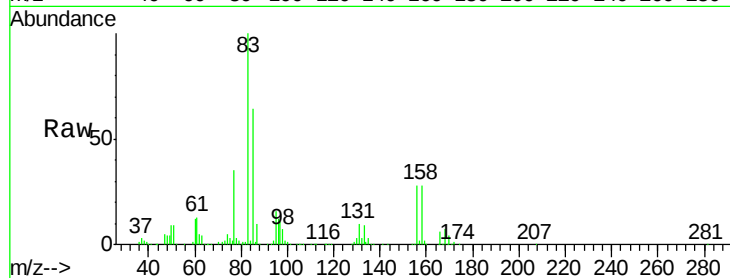
83 100

131 10.2 5.2 15.6

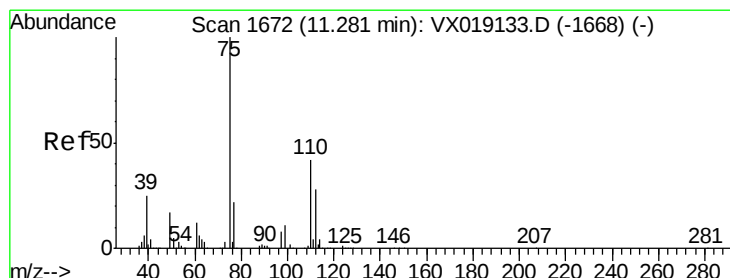
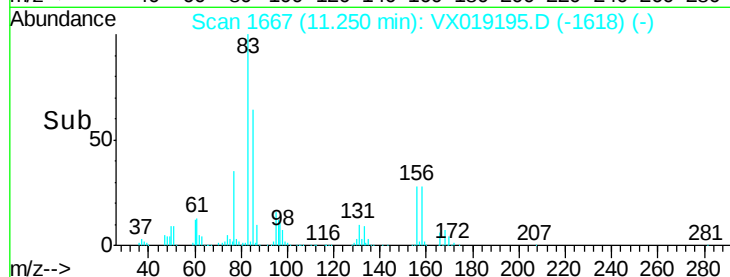
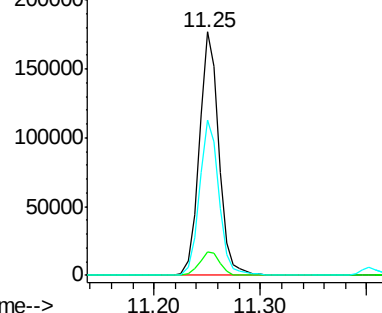
85 64.3 32.1 96.3

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): VX0
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.160 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

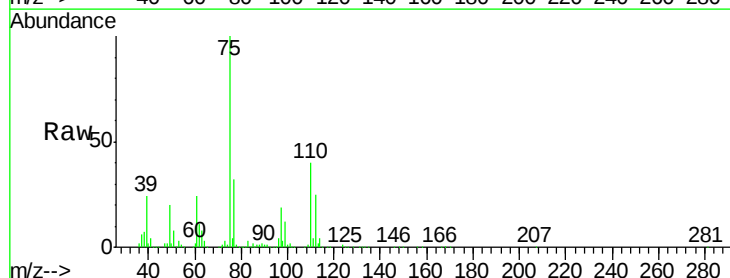
Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

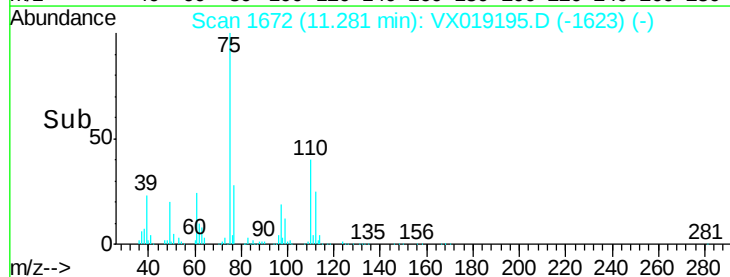
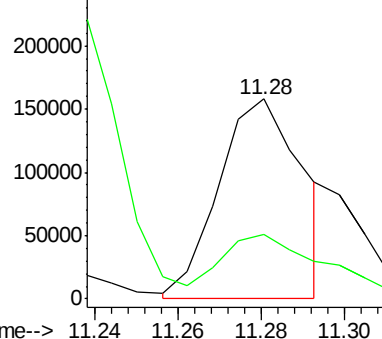
Tgt Ion: 75 Resp: 221552
Ion Ratio Lower Upper

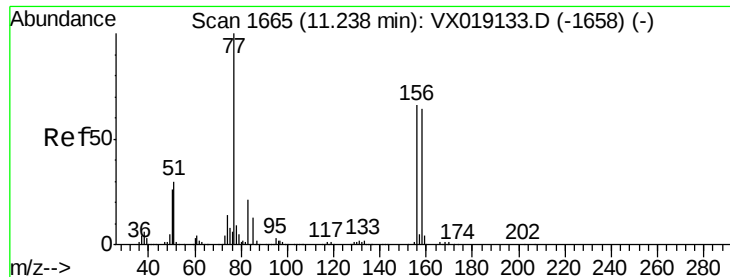
75 100

77 39.7 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.234 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 178322

Ion Ratio Lower Upper

156 100

77 163.3 77.7 233.1

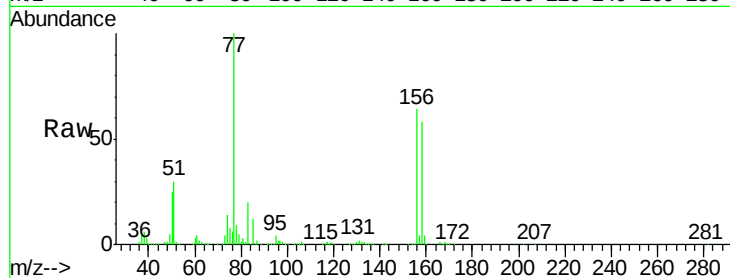
158 94.2 48.3 144.8

Manual Integrations

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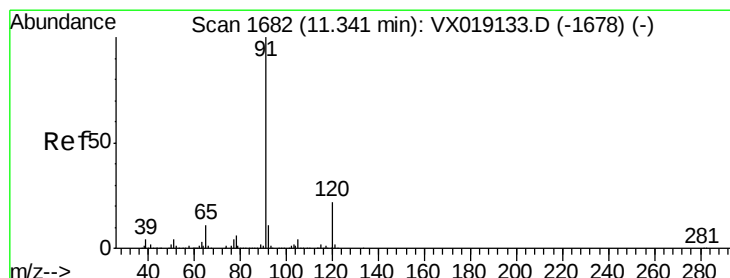
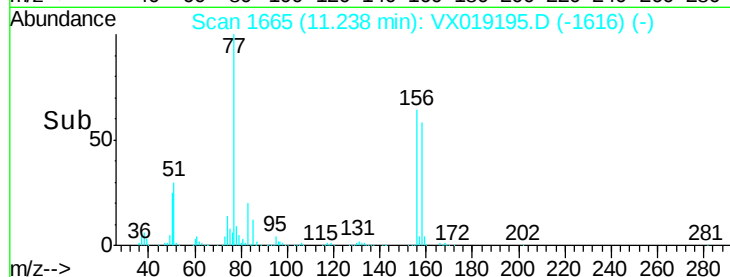
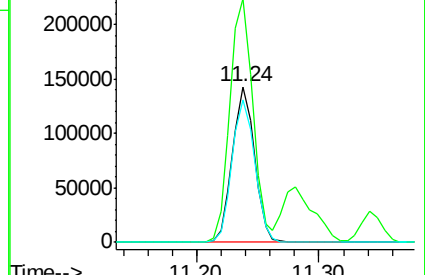
10/30/2020 12:00:51 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.358 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019195.D

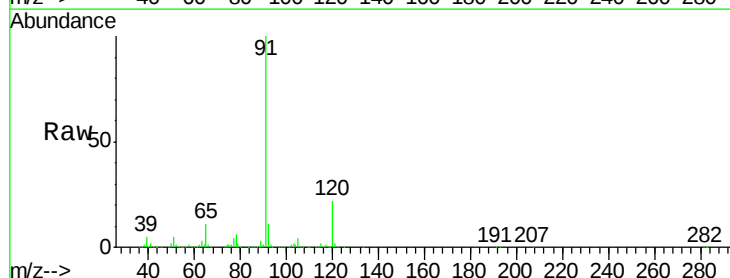
Acq: 29 Oct 2020 18:03

Tgt Ion: 91 Resp: 838180

Ion Ratio Lower Upper

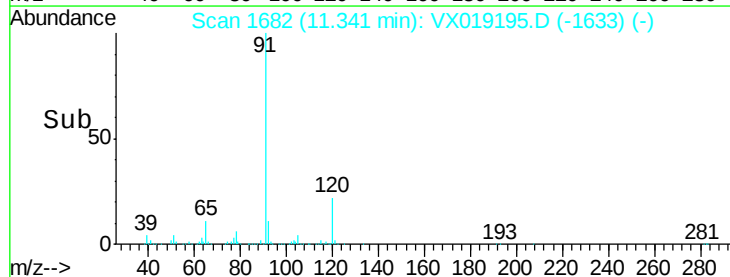
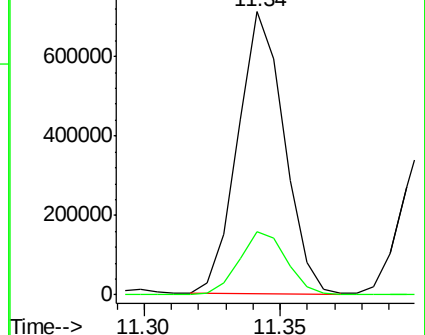
91 100

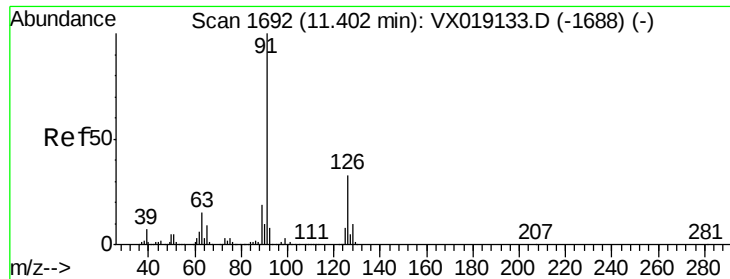
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.391 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 493784

Ion Ratio Lower Upper

91 100

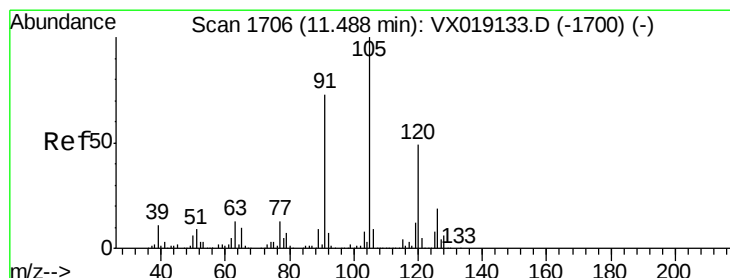
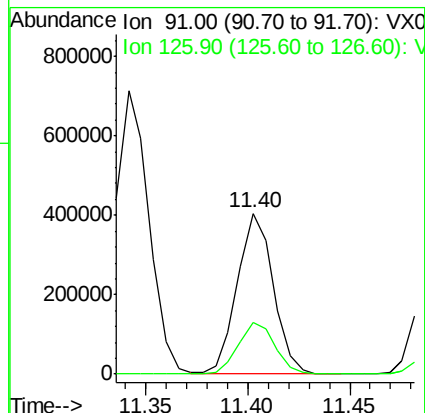
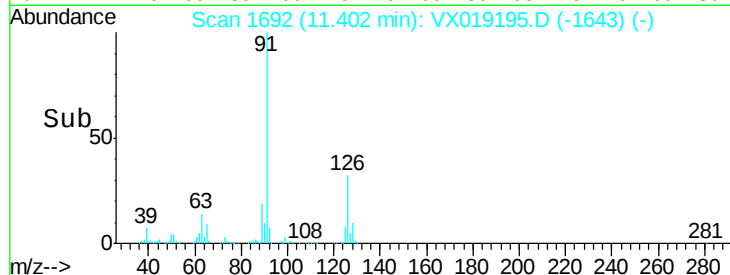
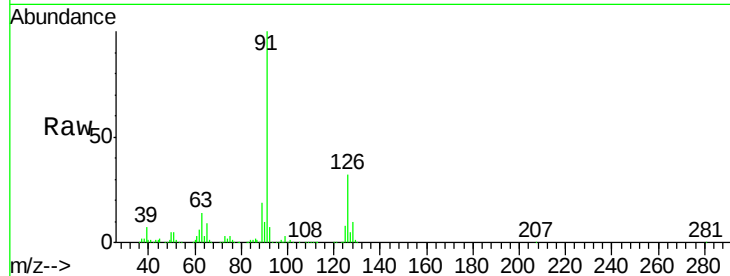
126 32.8 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.286 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019195.D

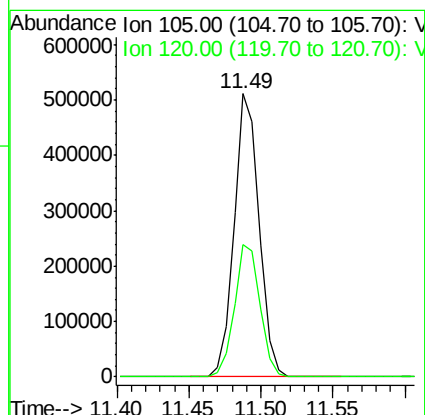
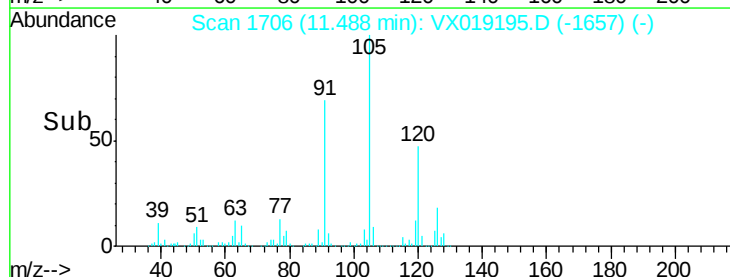
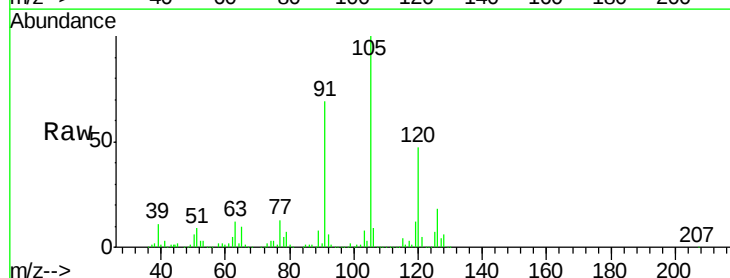
Acq: 29 Oct 2020 18:03

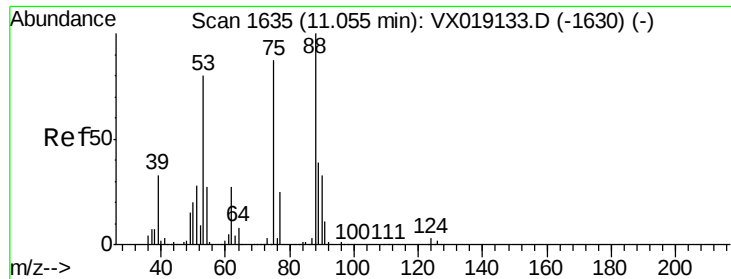
Tgt Ion: 105 Resp: 619446

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8





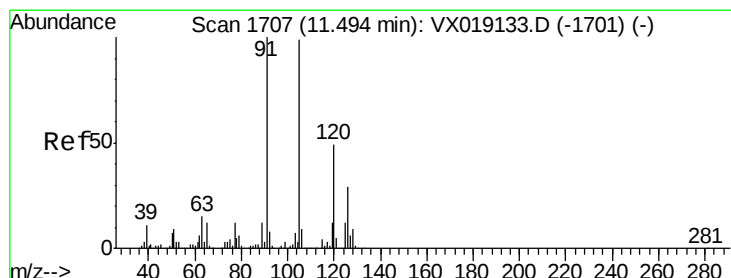
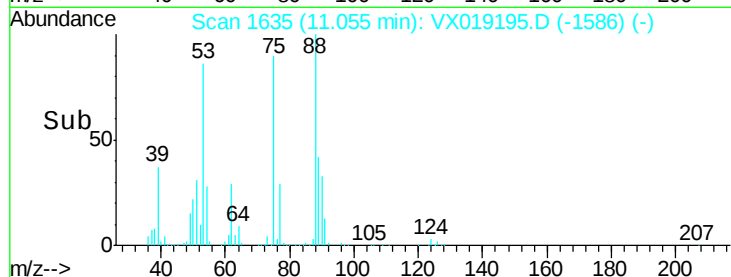
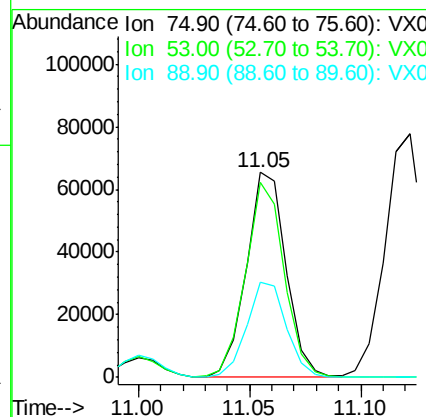
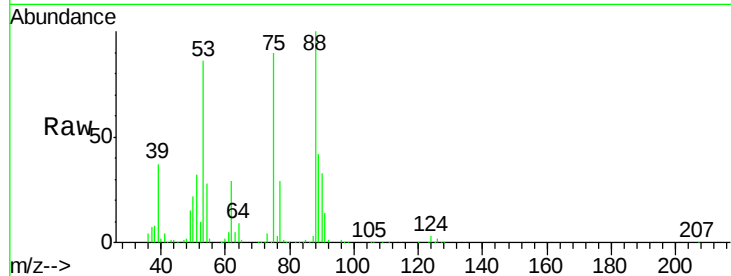
#81
trans-1,4-Dichloro-2-butene
Concen: 52.011 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	73.3	109.9
89	46.9	38.2	57.2

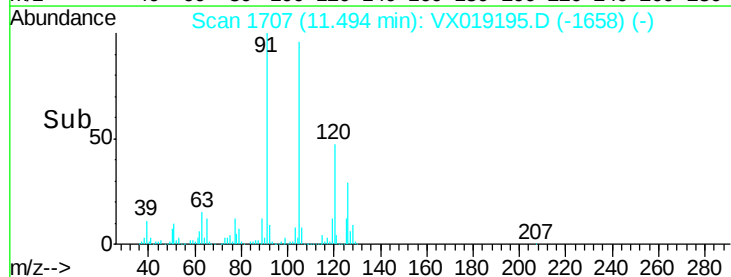
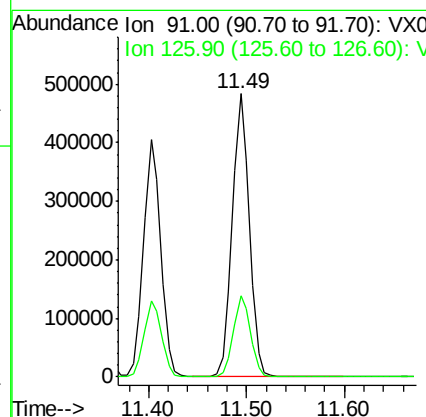
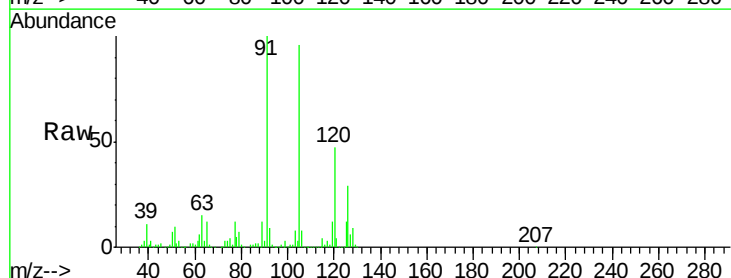
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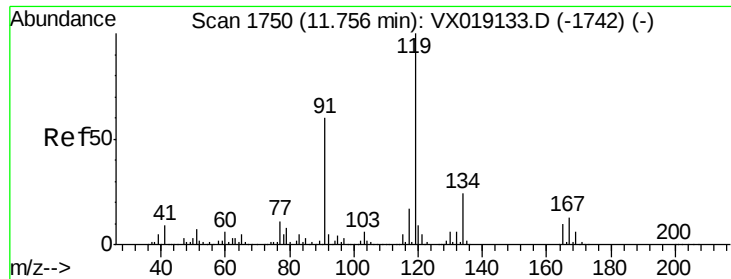
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.034 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.8	44.4





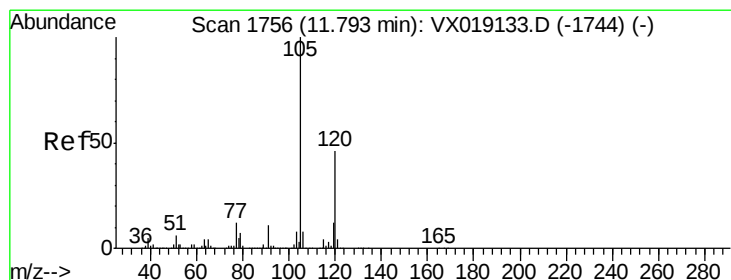
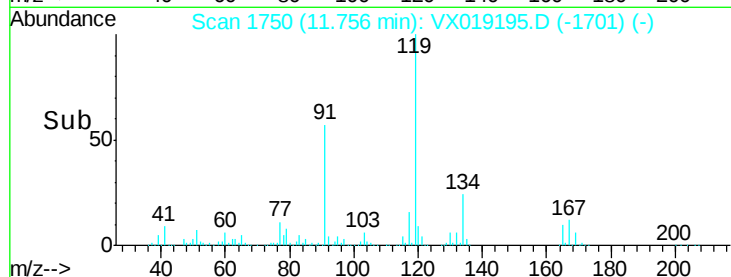
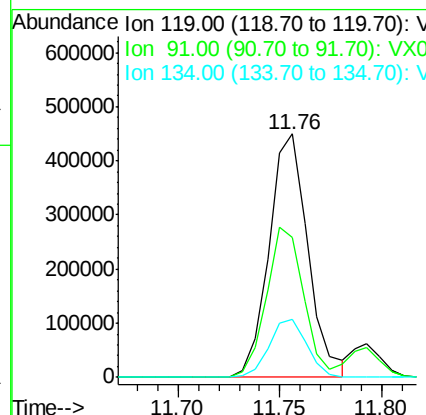
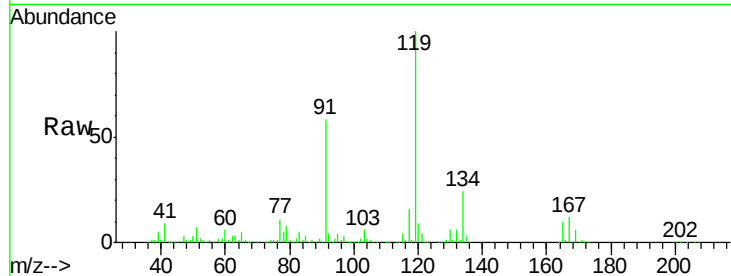
#83
 tert-Butylbenzene
 Concen: 52.657 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.0	87.1
134	23.3	11.7	35.0

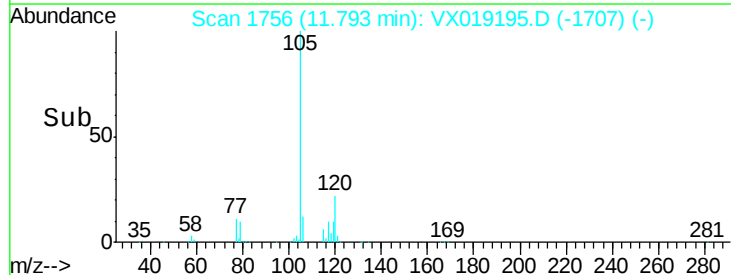
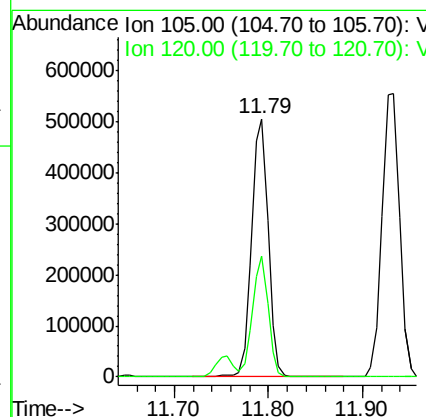
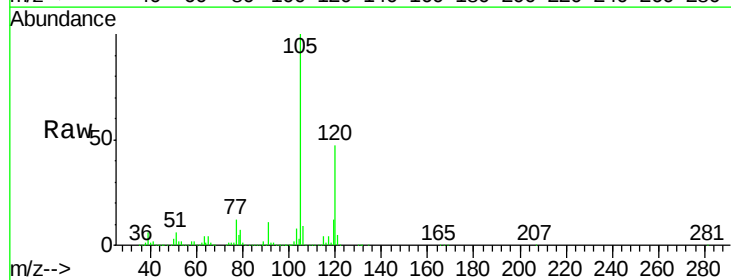
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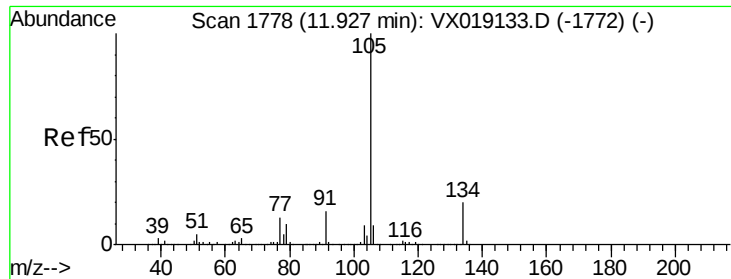
MMDadoda
 10/30/2020 12:00:51 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.894 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 52.716 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 717219

Ion Ratio Lower Upper

105 100

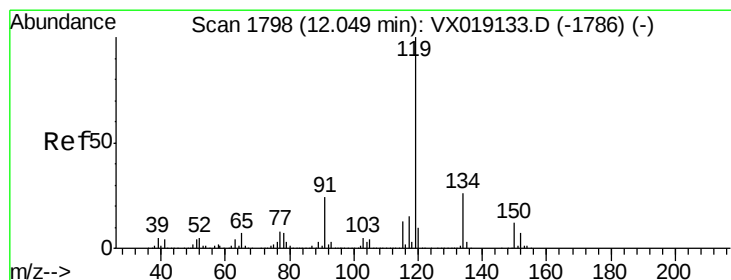
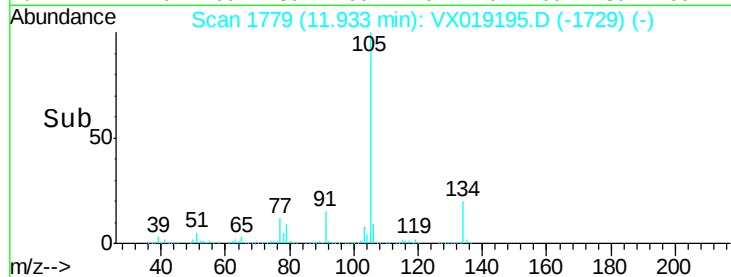
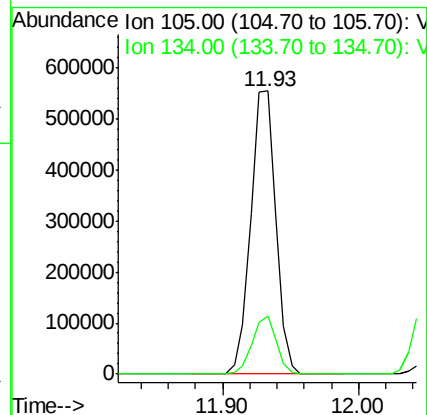
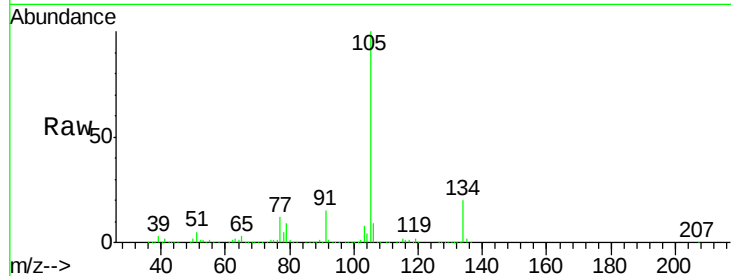
134 19.6 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.879 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

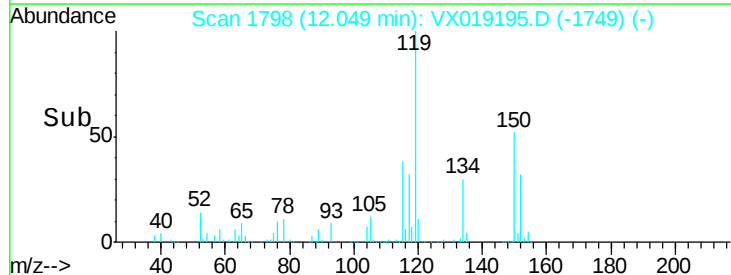
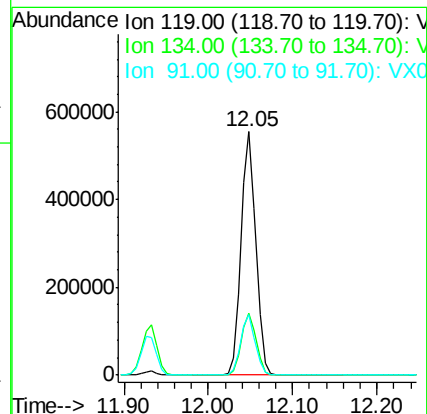
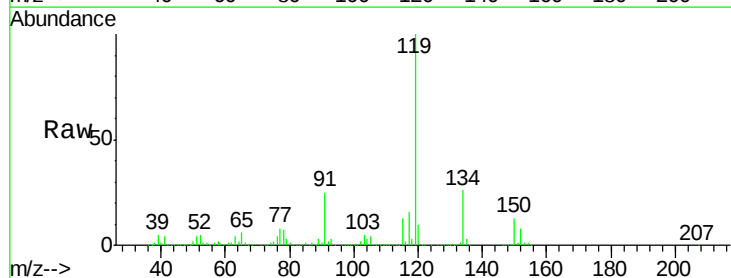
Tgt Ion:119 Resp: 651482

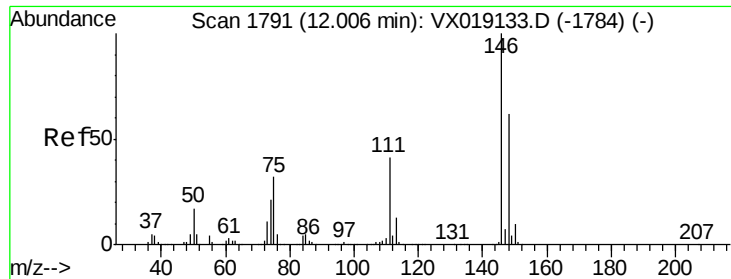
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.3 12.0 36.0





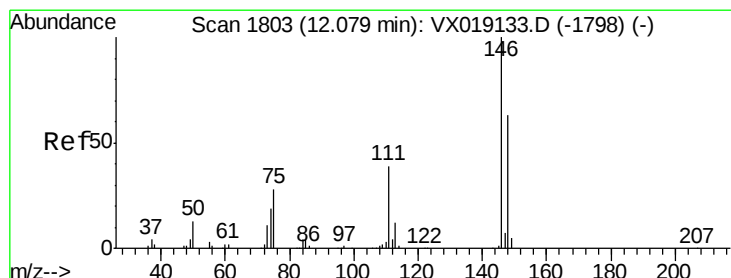
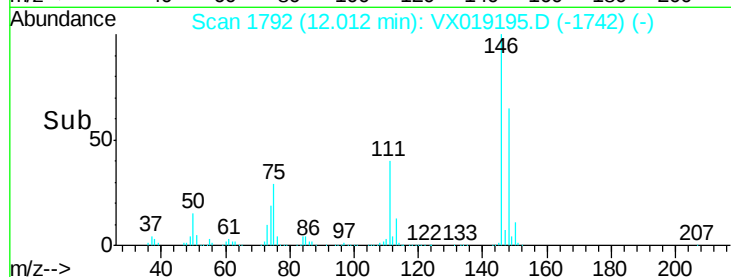
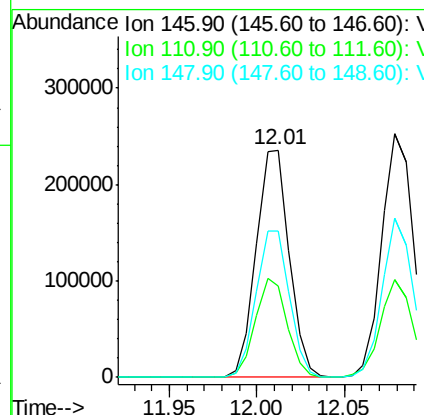
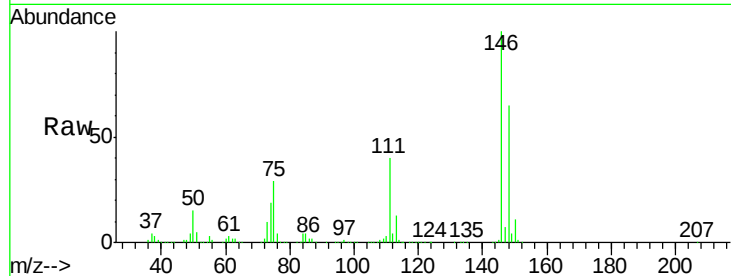
#87
 1,3-Dichlorobenzene
 Concen: 47.984 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	65.3	31.6	94.8

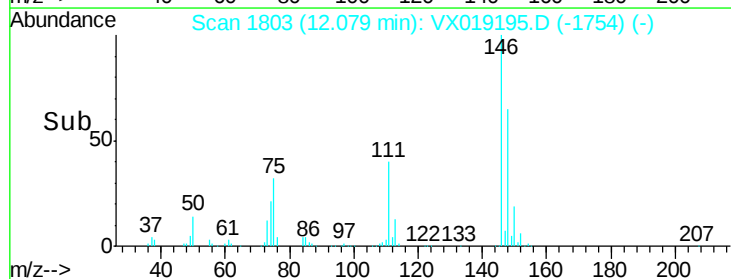
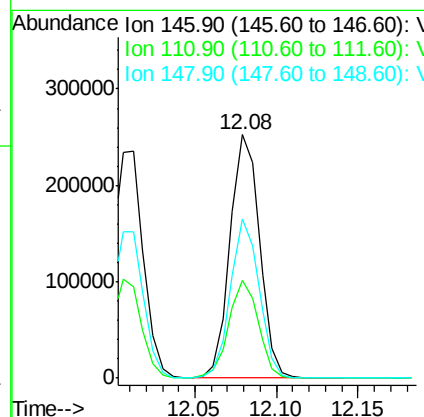
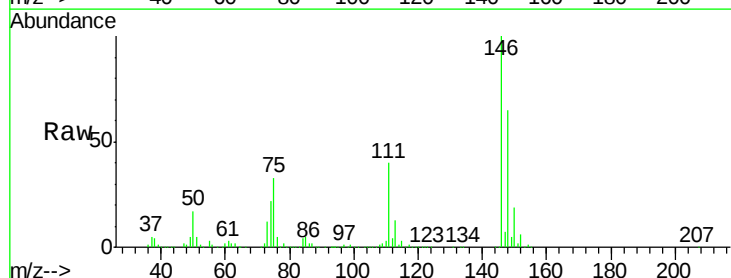
Manual Integrations
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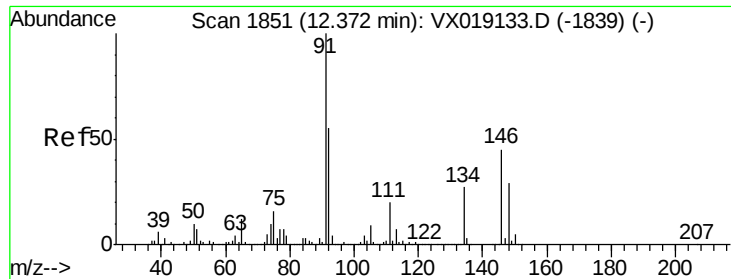
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#88
 1,4-Dichlorobenzene
 Concen: 47.141 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.5
148	63.6	31.3	93.8





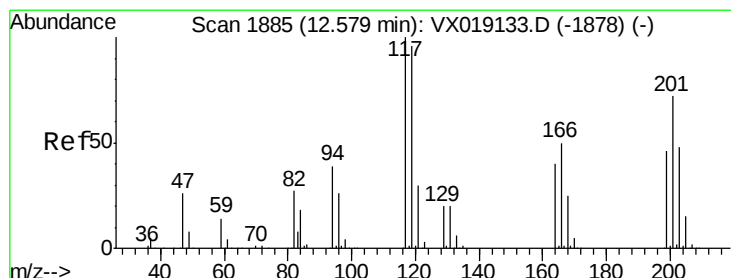
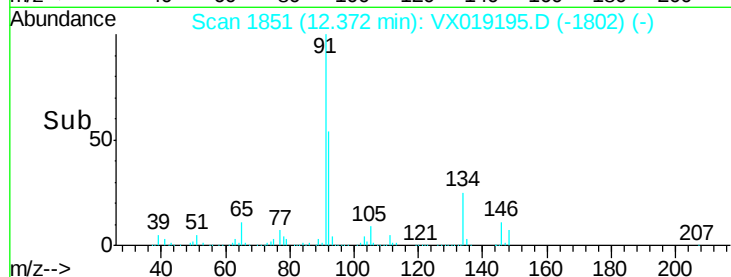
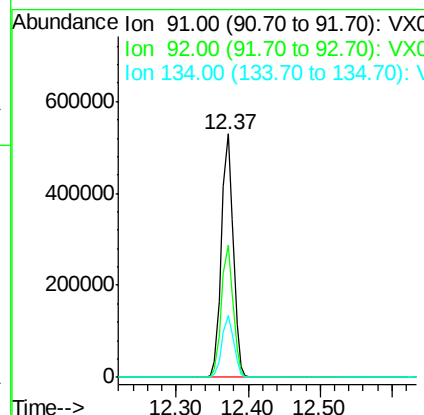
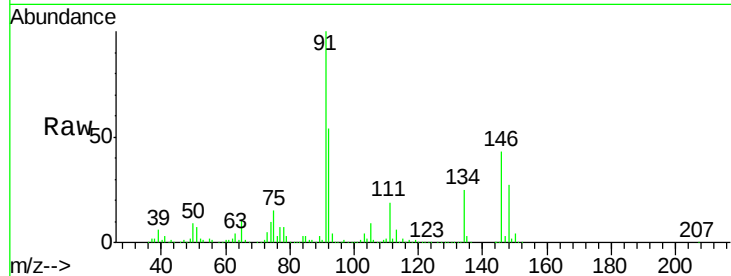
#89
n-Butylbenzene
Concen: 50.841 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.5	82.4
134	25.4	13.2	39.6

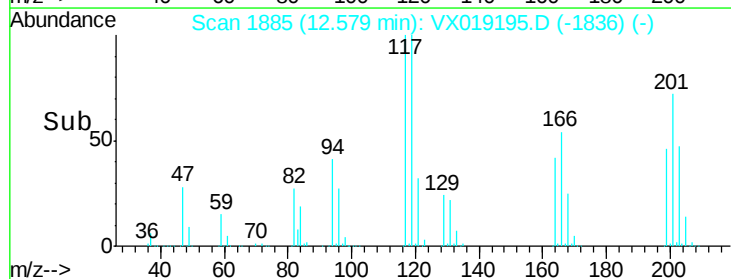
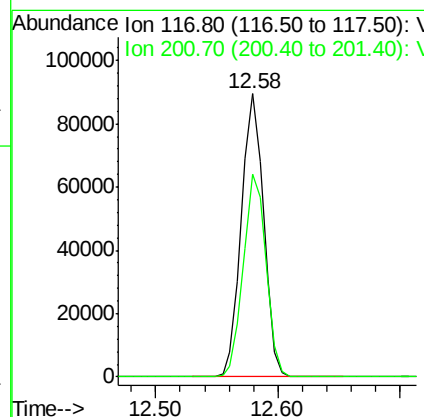
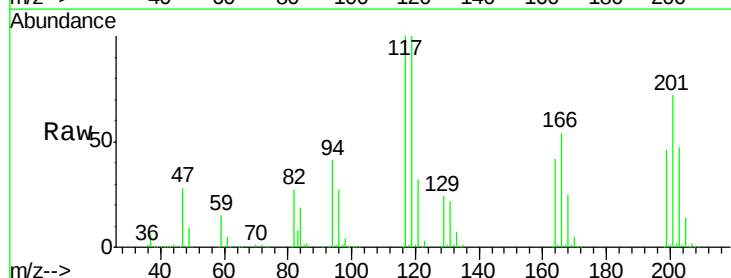
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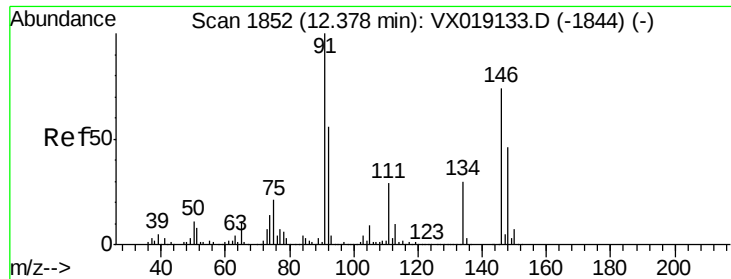
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#90
Hexachloroethane
Concen: 52.494 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	38.5	115.3





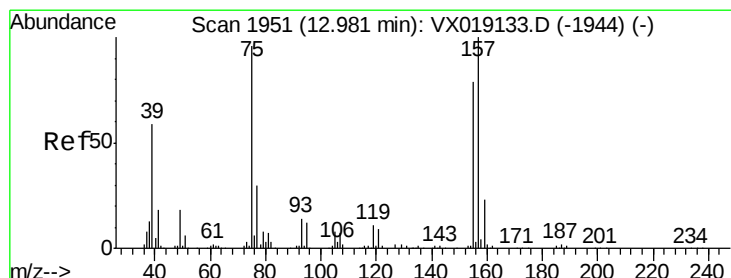
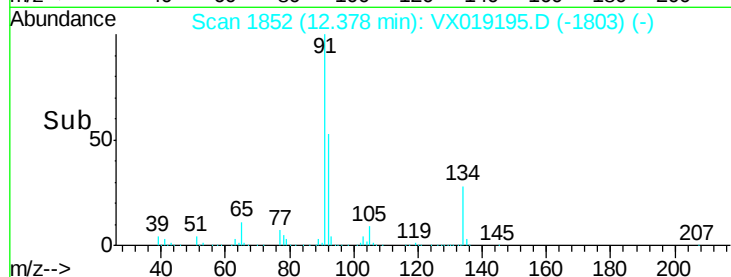
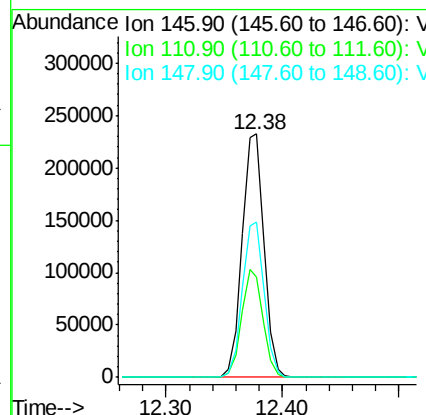
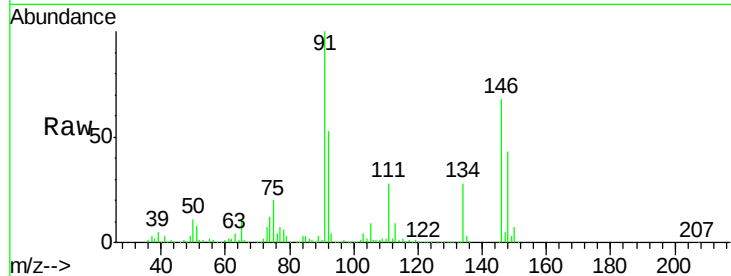
#91
 1,2-Dichlorobenzene
 Concen: 48.907 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.7	31.6	94.7

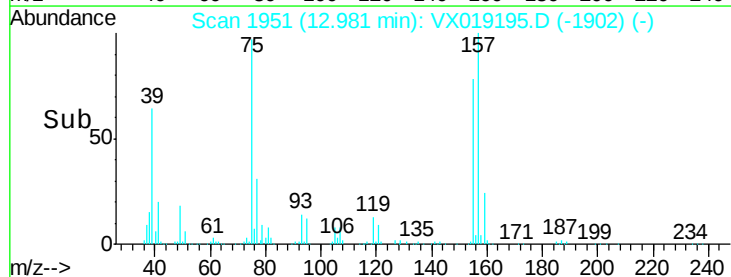
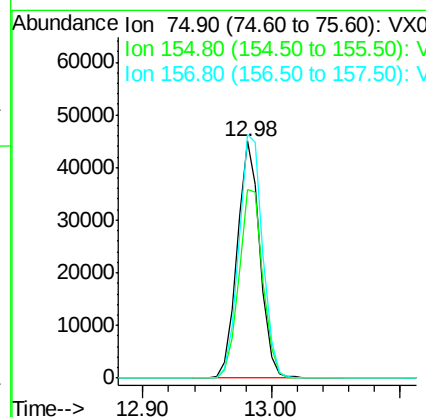
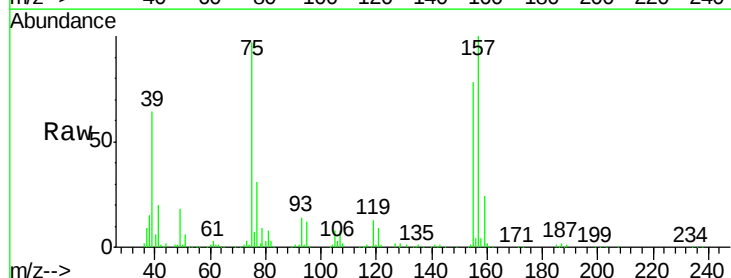
Manual Integrations
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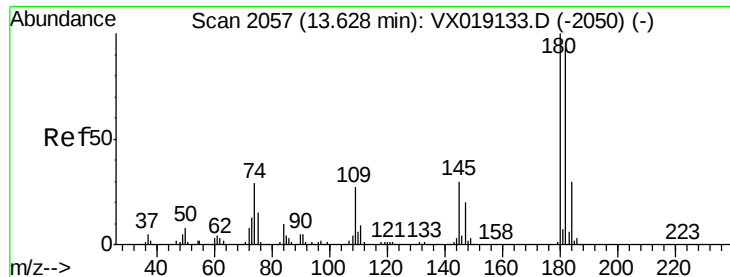
MMDadoda
 10/30/2020 12:00:51 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.643 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	42.8	128.4
157	107.2	54.8	164.4





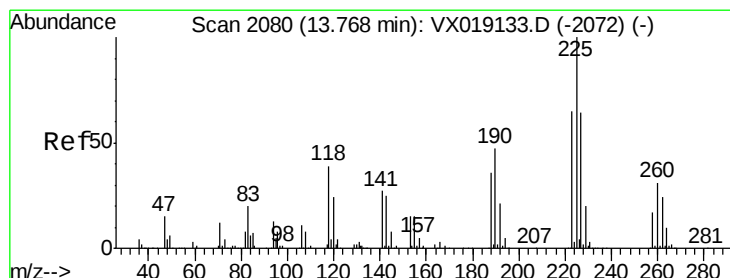
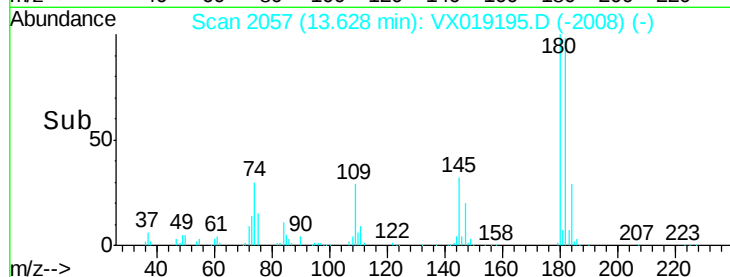
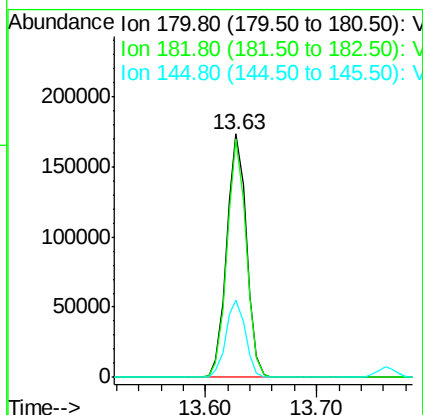
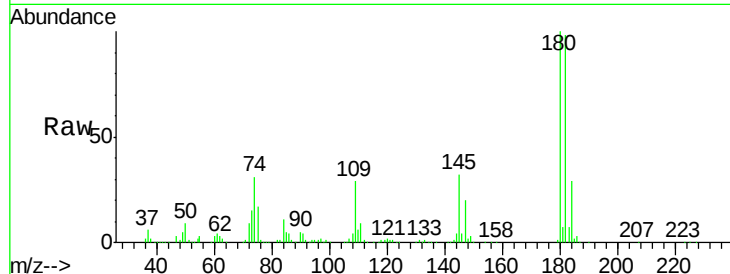
#93
 1,2,4-Trichlorobenzene
 Concen: 45.407 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	212278		
182	94.7	46.8	140.3	
145	31.6	15.5	46.5	

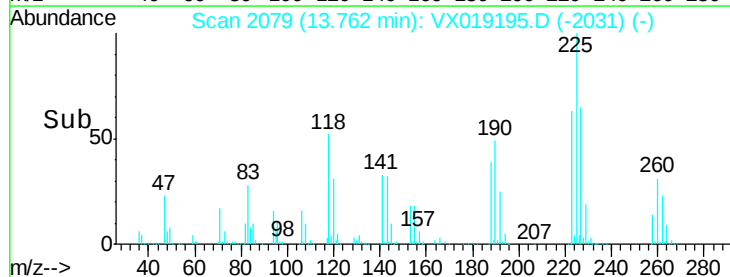
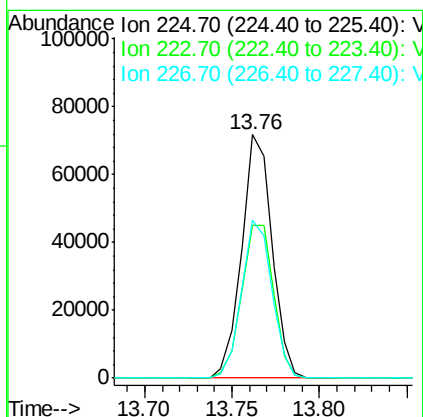
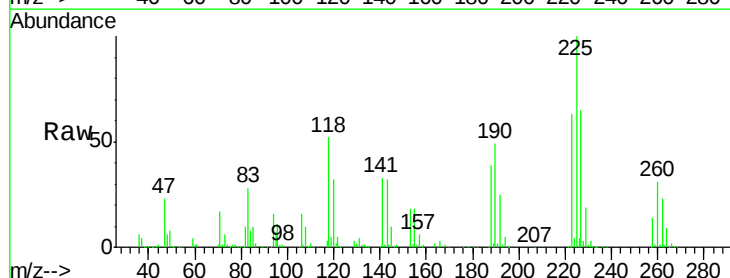
Manual Integrations
 APPROVED

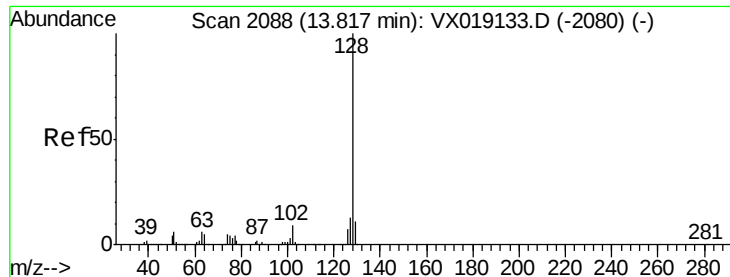
MMDadoda
 10/30/2020 12:00:51 PM



#94
 Hexachlorobutadiene
 Concen: 42.334 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87122		
223	66.4	32.4	97.2	
227	65.0	31.6	94.7	





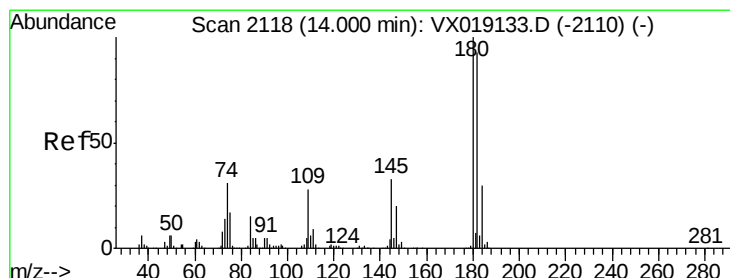
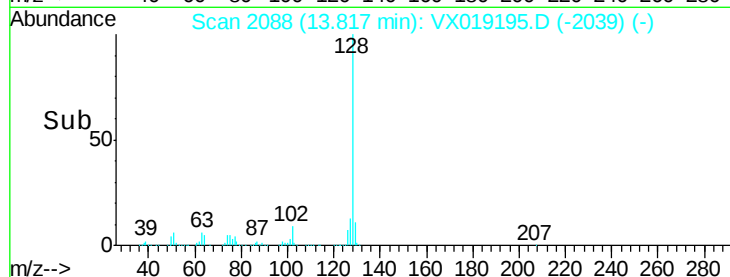
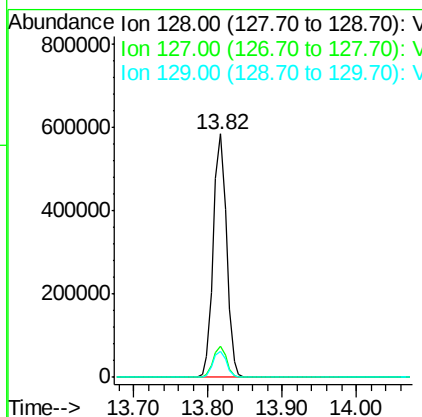
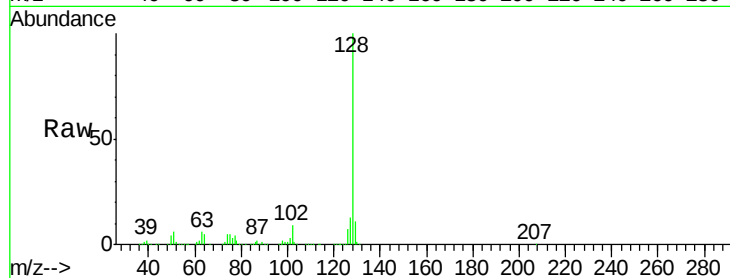
#95
Naphthalene
Concen: 48.217 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.951 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.3
145	33.9	16.5	49.5

