

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019491.D
 Acq On : 20 Nov 2020 10:54
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:34 PM

Quant Time: Nov 21 01:50:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161799	47.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.96%
35) Dibromofluoromethane	5.46	113	131718	49.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.38%
50) Toluene-d8	8.70	98	518087	49.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.58%
62) 4-Bromofluorobenzene	11.12	95	188584	50.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	131495	51.993	ug/l 100
3) Chloromethane	1.31	50	147053	50.670	ug/l 100
4) Vinyl Chloride	1.39	62	158436	50.714	ug/l 100
5) Bromomethane	1.62	94	59489	50.273	ug/l 100
6) Chloroethane	1.69	64	41666	48.204	ug/l 100
7) Trichlorofluoromethane	1.90	101	222589	49.364	ug/l 100
8) Diethyl Ether	2.17	74	91028	50.407	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127295	50.602	ug/l 100
10) Methyl Iodide	2.48	142	174278	52.735	ug/l 100
11) Tert butyl alcohol	3.04	59	157872	247.384	ug/l 100
12) 1,1-Dichloroethene	2.34	96	127327	49.314	ug/l 100
13) Acrolein	2.28	56	103854	242.100	ug/l 100
14) Allyl chloride	2.70	41	197066	48.720	ug/l 100
15) Acrylonitrile	3.12	53	384750	255.645	ug/l 100
16) Acetone	2.43	43	320641	245.883	ug/l 100
17) Carbon Disulfide	2.54	76	338127	48.746	ug/l 100
18) Methyl Acetate	2.75	43	158458	47.107	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	450731	50.573	ug/l 100
20) Methylene Chloride	2.83	84	155537	47.721	ug/l 100
21) trans-1,2-Dichloroethene	3.14	96	144468	49.384	ug/l 100
22) Diisopropyl ether	3.82	45	426282	50.944	ug/l 100
23) Vinyl Acetate	3.78	43	1830964	260.872	ug/l 100
24) 1,1-Dichloroethane	3.67	63	255169	49.856	ug/l 100
25) 2-Butanone	4.64	43	501282	255.898	ug/l 100
26) 2,2-Dichloropropane	4.54	77	222610	49.831	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	168787	50.229	ug/l 100
28) Bromochloromethane	4.98	49	110623	45.208	ug/l 100
29) Tetrahydrofuran	5.09	42	313570	250.880	ug/l 100
30) Chloroform	5.18	83	271939	50.813	ug/l 100
31) Cyclohexane	5.54	56	219708	50.095	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	232911	50.665	ug/l 100
36) 1,1-Dichloropropene	5.76	75	199440	49.870	ug/l 100
37) Ethyl Acetate	4.79	43	192611	51.302	ug/l 100
38) Carbon Tetrachloride	5.75	117	198437	51.263	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	237419	50.986	ug/l	100
40) Benzene	6.11	78	617878	50.285	ug/l	100
41) Methacrylonitrile	5.01	41	105696	51.052	ug/l	100
42) 1,2-Dichloroethane	6.16	62	212437	50.440	ug/l	100
43) Isopropyl Acetate	6.42	43	316584	50.162	ug/l	100
44) Trichloroethene	7.18	130	160757	49.946	ug/l	100
45) 1,2-Dichloropropane	7.49	63	154672	51.131	ug/l	100
46) Dibromomethane	7.63	93	105864	51.133	ug/l	100
47) Bromodichloromethane	7.87	83	212043	52.780	ug/l	100
48) Methyl methacrylate	7.74	41	156650	52.999	ug/l	100
49) 1,4-Dioxane	7.72	88	68313	1017.916	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	966327	262.569	ug/l	100
52) Toluene	8.76	92	390890	52.001	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	235821	54.351	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	255909	53.148	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	160315	52.367	ug/l	100
56) Ethyl methacrylate	9.16	69	233434	53.887	ug/l	100
57) 1,3-Dichloropropane	9.35	76	267716	52.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	641888	252.882	ug/l	100
59) 2-Hexanone	9.48	43	739345	264.884	ug/l	100
60) Dibromochloromethane	9.57	129	162168	54.081	ug/l	100
61) 1,2-Dibromoethane	9.65	107	167571	53.102	ug/l	100
64) Tetrachloroethene	9.32	164	151224	48.389	ug/l	100
65) Chlorobenzene	10.12	112	415080	50.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	152313	51.227	ug/l	100
67) Ethyl Benzene	10.23	91	747693	52.213	ug/l	100
68) m/p-Xylenes	10.34	106	561653	105.275	ug/l	100
69) o-Xylene	10.68	106	268490	52.645	ug/l	100
70) Styrene	10.70	104	458896	54.206	ug/l	100
71) Bromoform	10.84	173	113239	52.084	ug/l	# 100
73) Isopropylbenzene	11.00	105	719325	52.010	ug/l	100
74) N-amyl acetate	10.88	43	269381	51.979	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	242604	49.052	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	218663m	50.117	ug/l	
77) Bromobenzene	11.24	156	175799	49.792	ug/l	100
78) n-propylbenzene	11.34	91	828308	52.206	ug/l	100
79) 2-Chlorotoluene	11.40	91	492259	51.159	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	614723	52.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	76564	51.620	ug/l	100
82) 4-Chlorotoluene	11.49	91	582594	51.433	ug/l	100
83) tert-Butylbenzene	11.76	119	583497	51.985	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	625689	53.300	ug/l	100
85) sec-Butylbenzene	11.93	105	706690	52.923	ug/l	100
86) p-Isopropyltoluene	12.05	119	643917	53.112	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	327693	50.538	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	329151	49.282	ug/l	100
89) n-Butylbenzene	12.37	91	584694	53.346	ug/l	100
90) Hexachloroethane	12.58	117	105491	51.999	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	324108	49.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51468	51.009	ug/l	100

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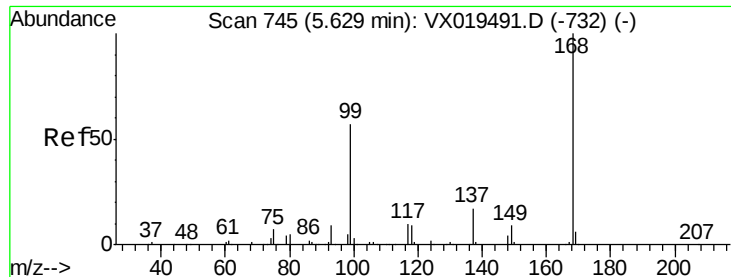
Manual Integrations
APPROVED

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11/23/2020 3:50:34 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214048	51.195	ug/l	100
94) Hexachlorobutadiene	13.76	225	92174	48.394	ug/l	100
95) Naphthalene	13.82	128	710567	54.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216130	51.679	ug/l	100

(#) = 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: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 260073

Ion Ratio Lower Upper

168 100

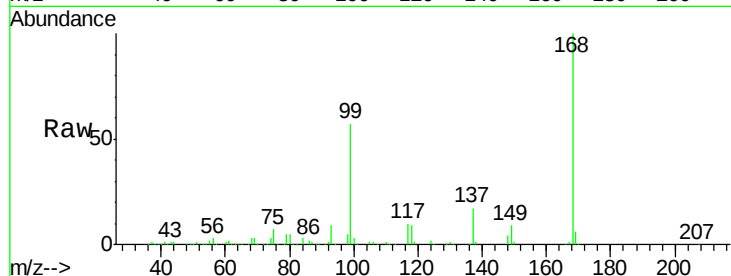
99 57.2 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

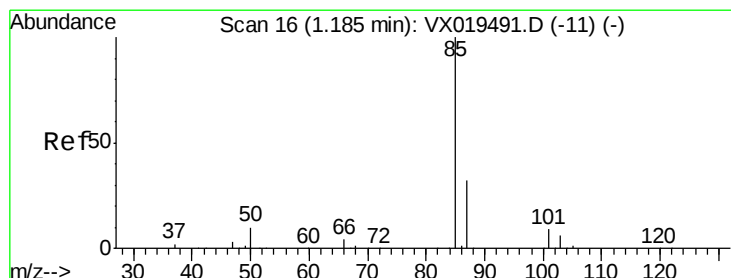
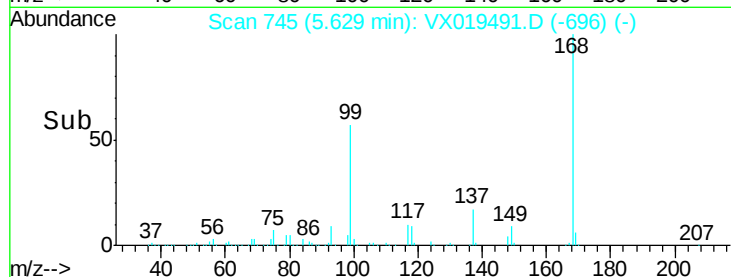
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.993 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019491.D

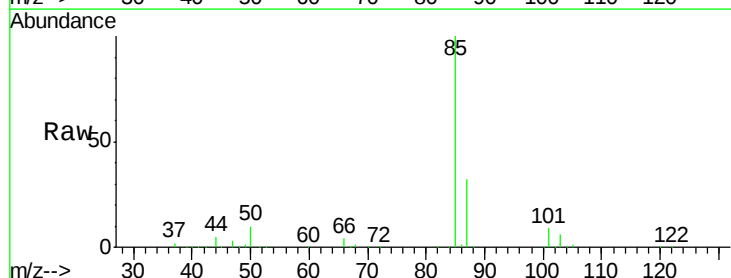
Acq: 20 Nov 2020 10:54

Tgt Ion: 85 Resp: 131495

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

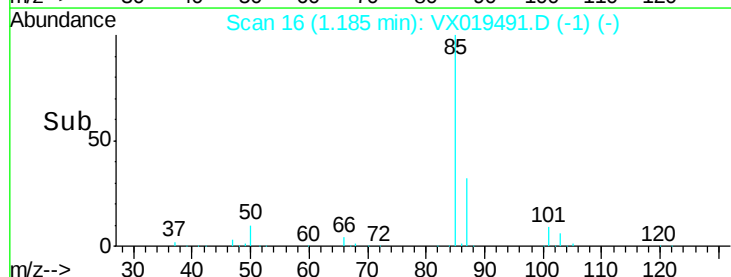
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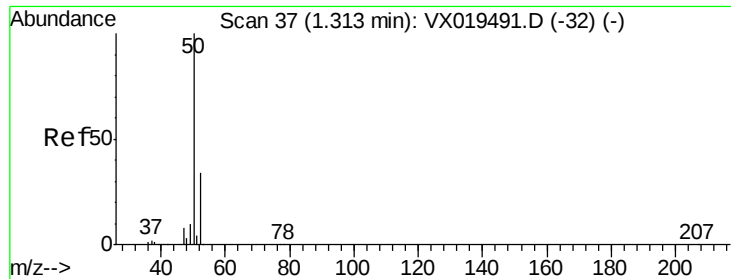
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.670 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 147053

Ion Ratio Lower Upper

50 100

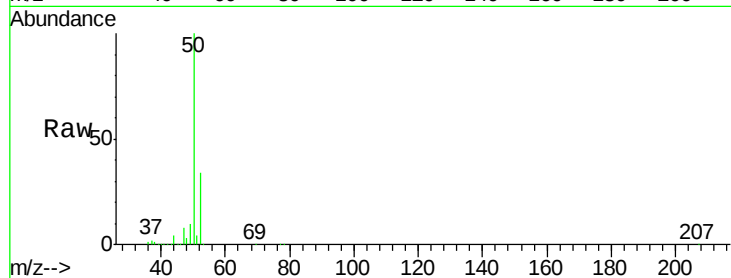
52 33.8 27.0 40.6

Manual Integrations

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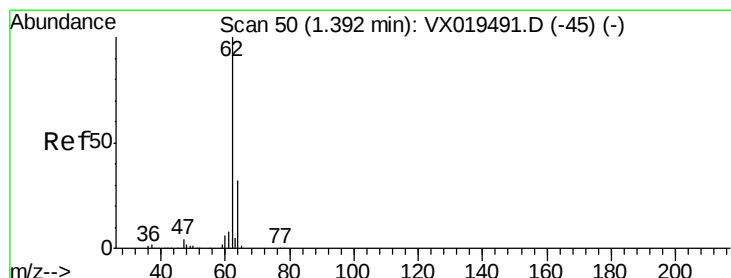
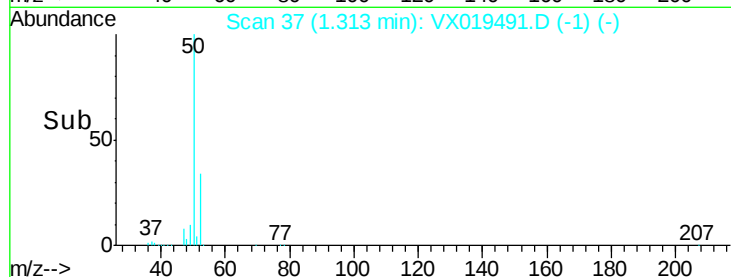
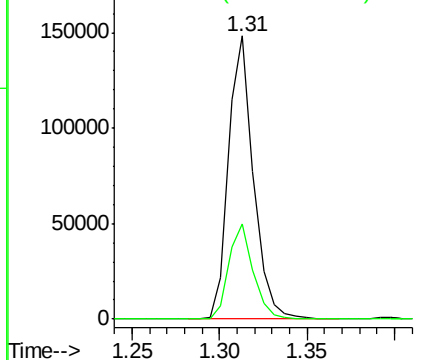
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.714 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019491.D

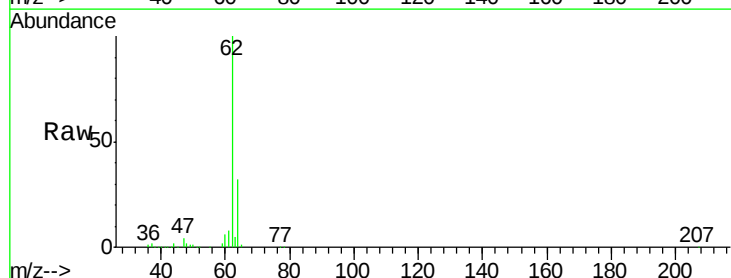
Acq: 20 Nov 2020 10:54

Tgt Ion: 62 Resp: 158436

Ion Ratio Lower Upper

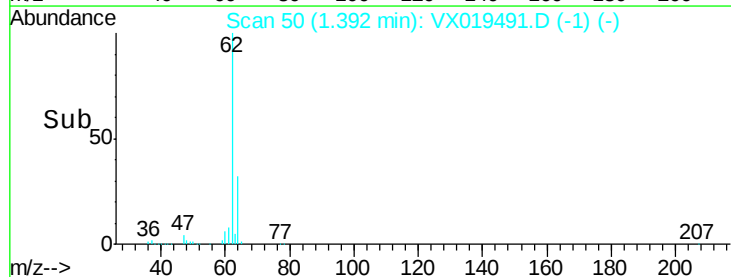
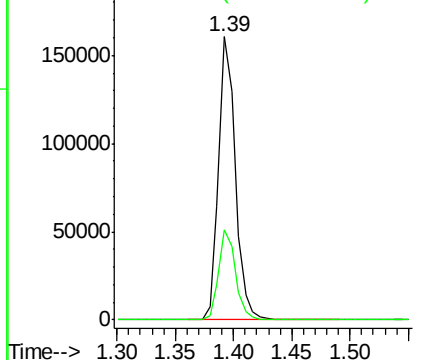
62 100

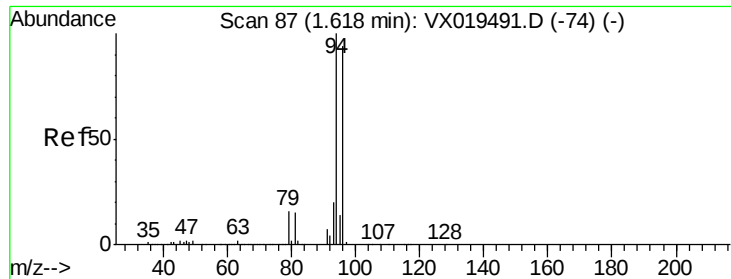
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.273 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 59489

Ion Ratio Lower Upper

94 100

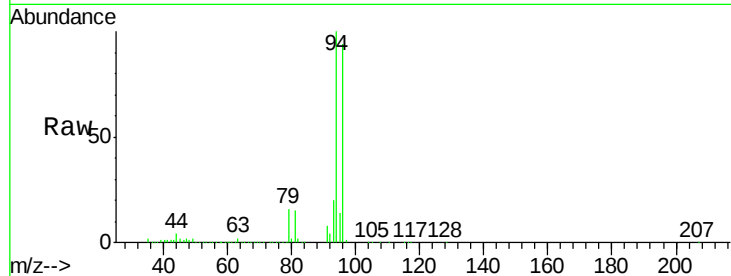
96 94.5 75.6 113.4

Manual Integrations

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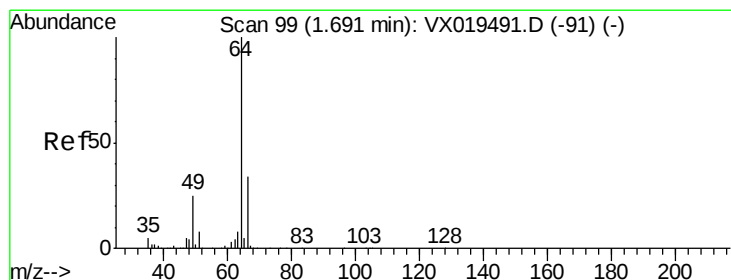
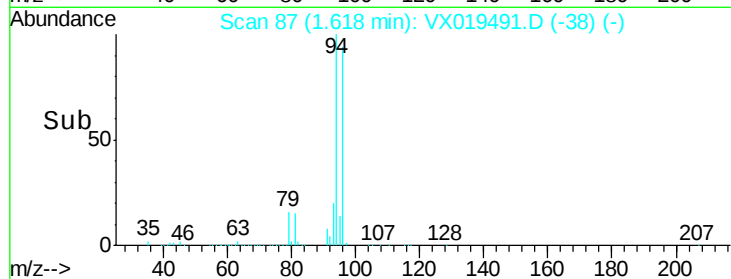
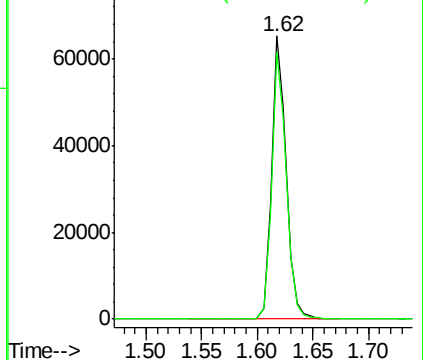
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.204 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019491.D

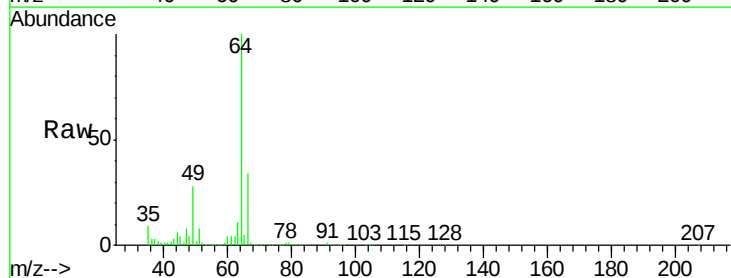
Acq: 20 Nov 2020 10:54

Tgt Ion: 64 Resp: 41666

Ion Ratio Lower Upper

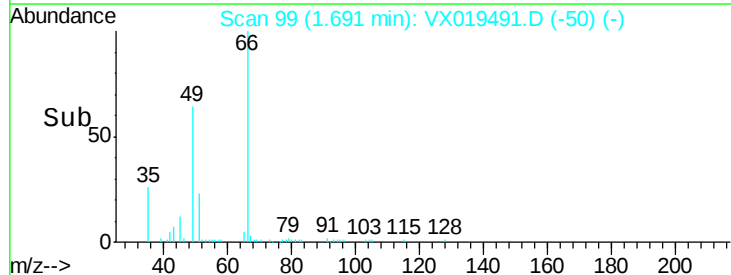
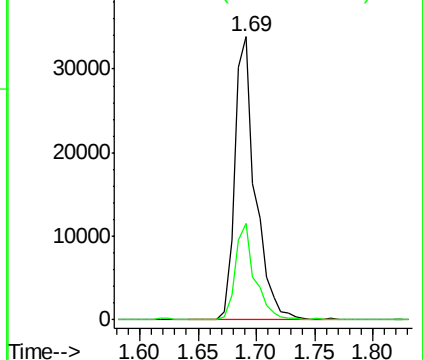
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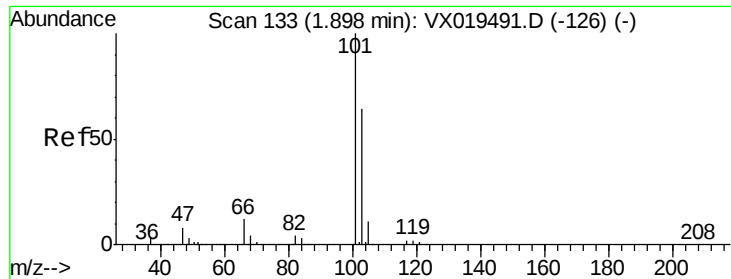
66 33.9 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

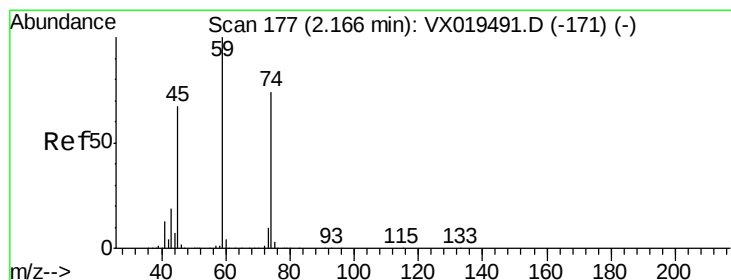
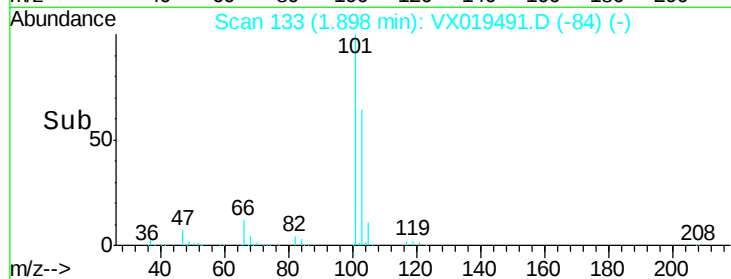
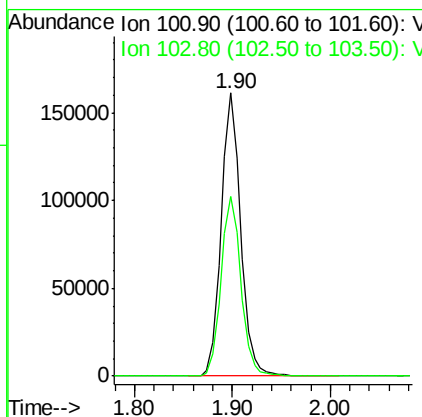
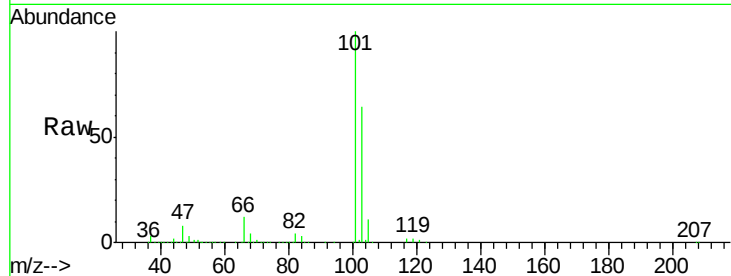
Trichlorofluoromethane
Concen: 49.364 ug/l
RT: 1.90 min Scan# 133
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

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VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.9	76.3

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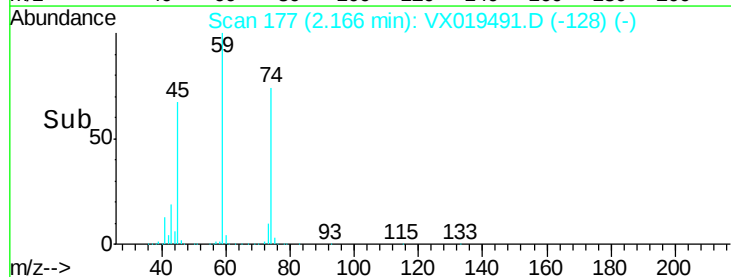
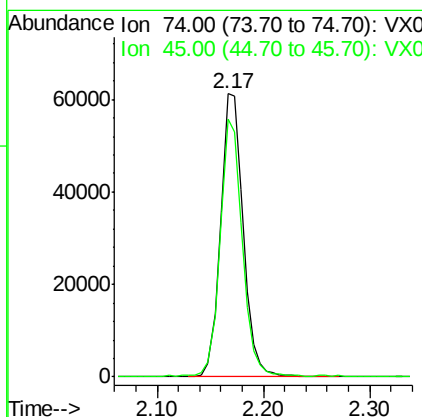
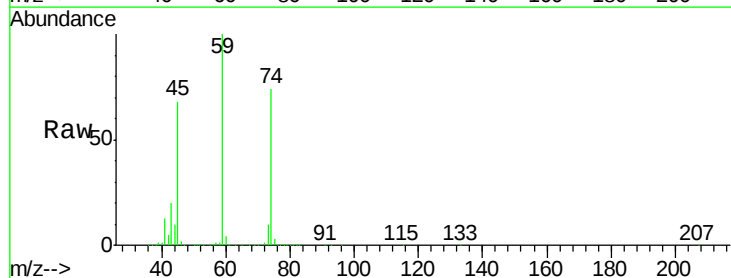
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11/23/2020 3:50:34 PM

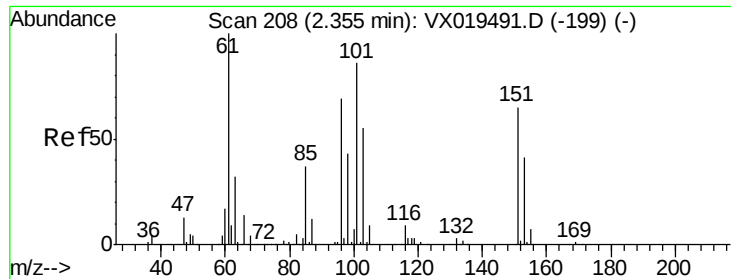


#8

Diethyl Ether
Concen: 50.407 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019491.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.8	44.4	133.2





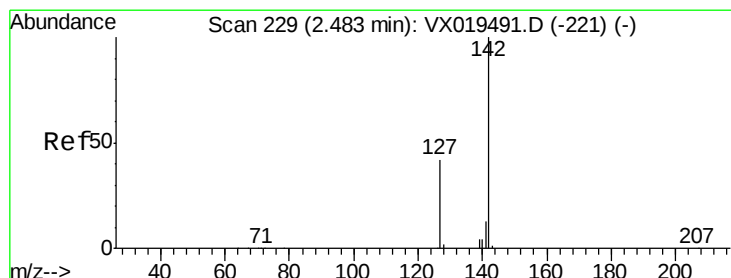
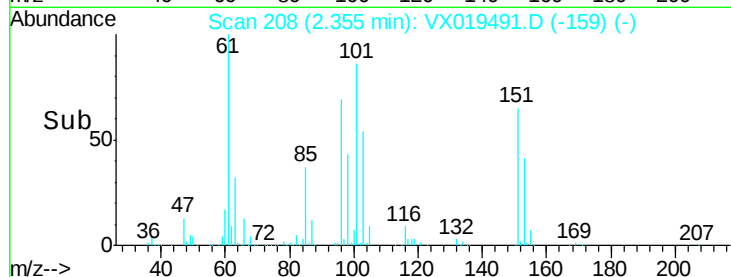
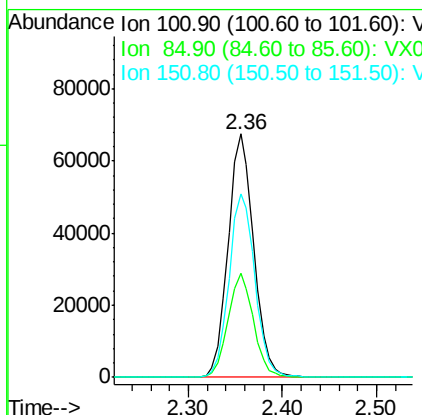
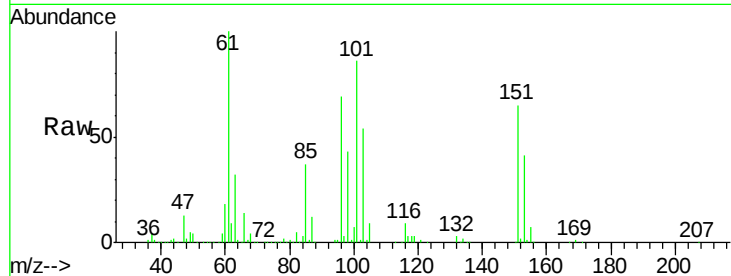
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.602 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	127295		
85	42.4	33.9	50.9	
151	76.1	60.9	91.3	

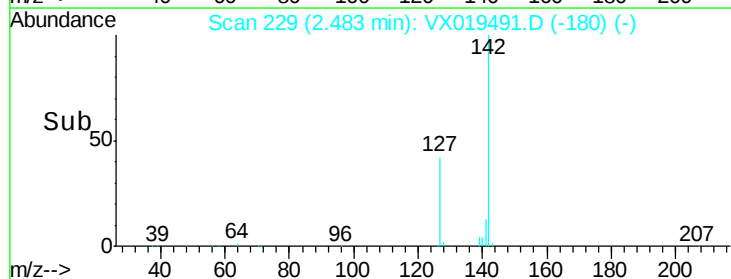
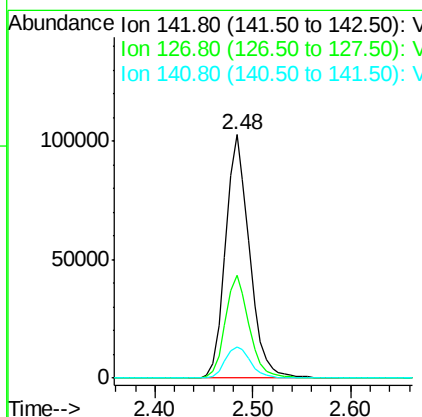
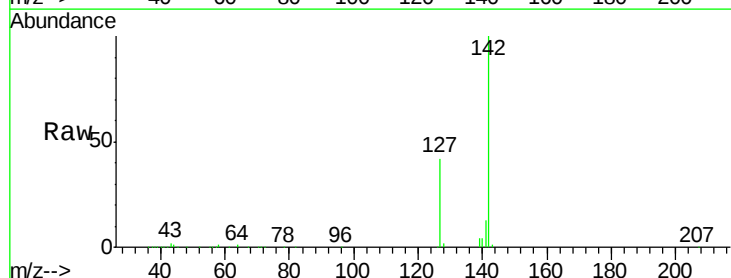
Manual Integrations
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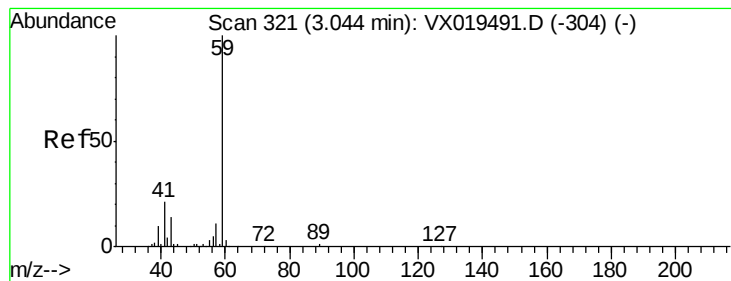
MMDadoda
 11/23/2020 3:50:34 PM



#10
 Methyl Iodide
 Concen: 52.735 ug/l
 RT: 2.48 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	174278		
127	42.2	33.8	50.6	
141	13.8	11.0	16.6	





#11

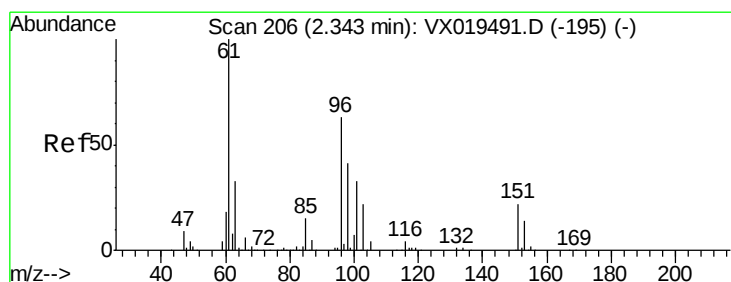
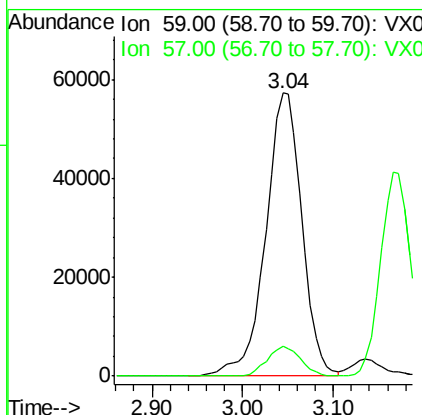
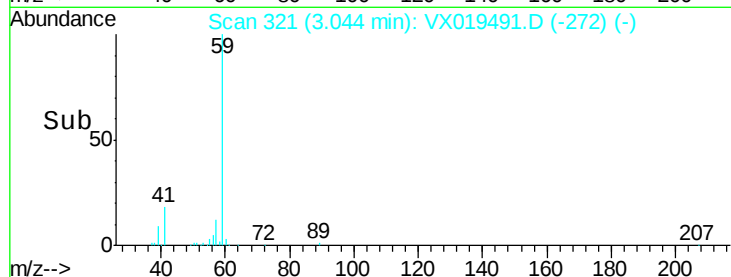
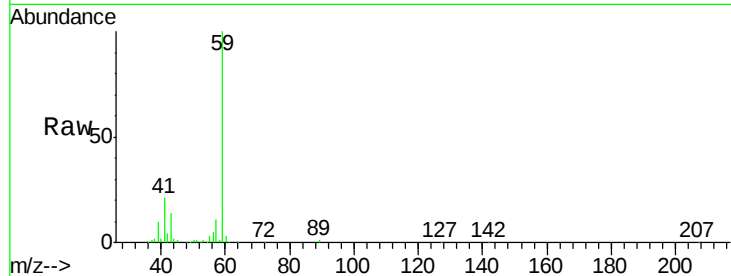
Tert butyl alcohol
Concen: 247.384 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	157872		
57	57	9.9		7.9	11.9

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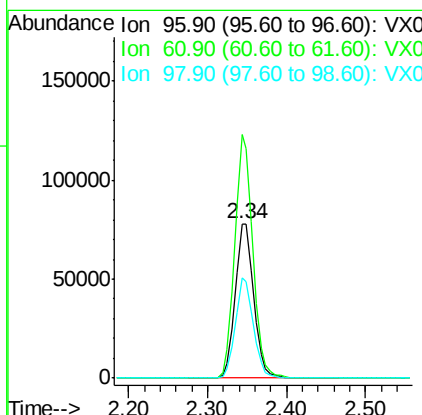
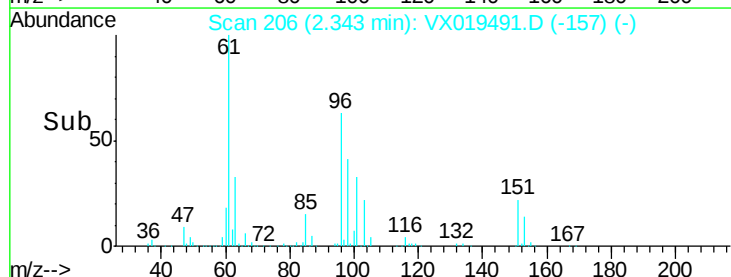
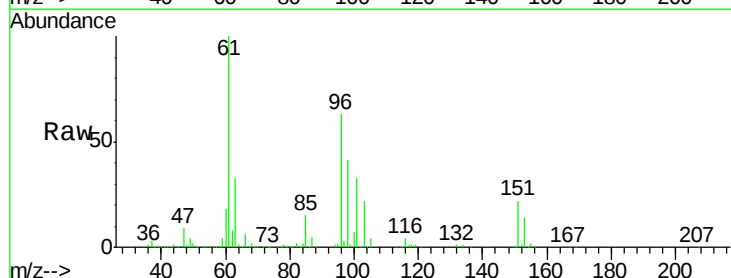
MMDadoda
11/23/2020 3:50:34 PM

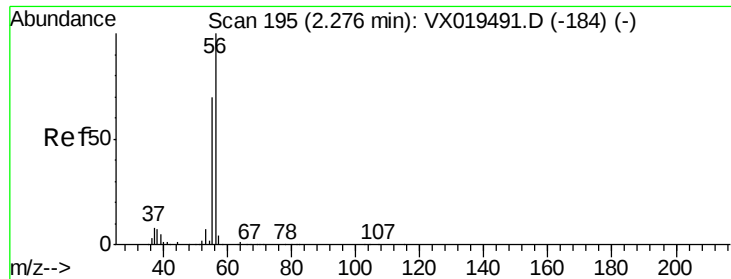


#12

1,1-Dichloroethene
Concen: 49.314 ug/l
RT: 2.34 min Scan# 206
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	127327		
61	61	157.5		126.0	189.0
98	98	65.0		52.0	78.0





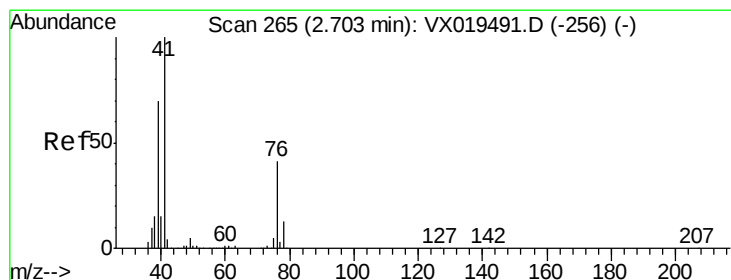
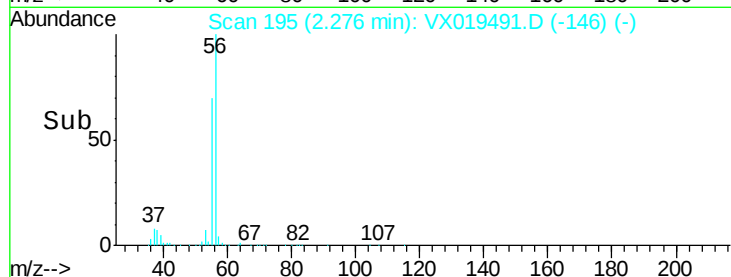
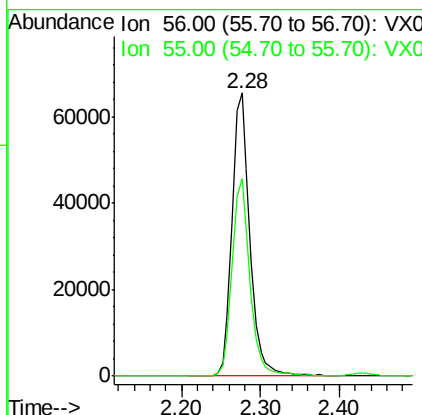
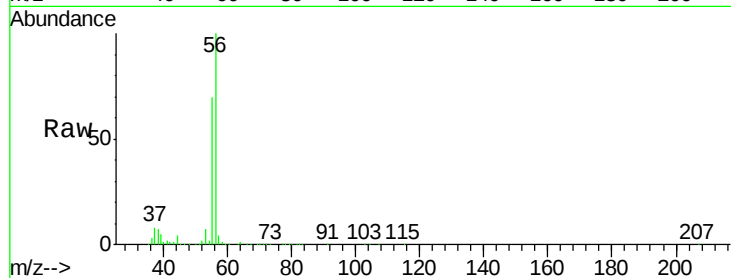
#13
Acrolein
Concen: 242.100 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	103854
Ion Ratio	100	Lower	Upper
56	100		
55	69.4	55.5	83.3

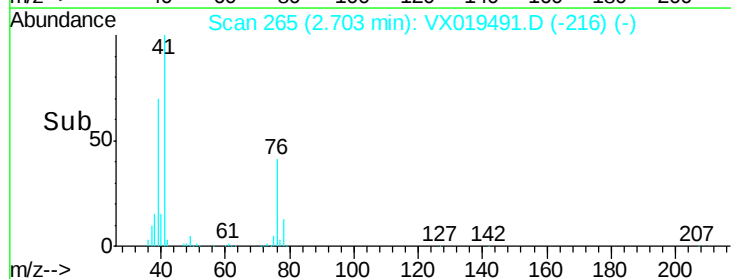
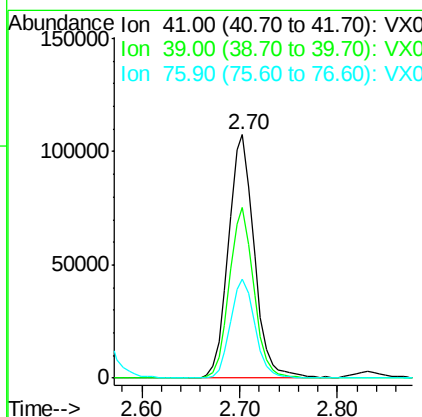
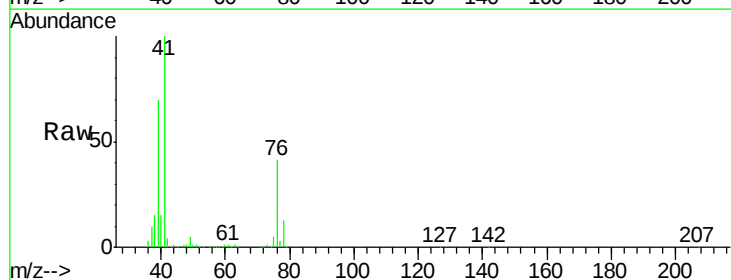
Manual Integrations
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11/23/2020 3:50:34 PM



#14
Allyl chloride
Concen: 48.720 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	41	Resp	197066
Ion Ratio	100	Lower	Upper
41	100		
39	66.2	53.0	79.4
76	38.8	31.0	46.6





#15

Acrylonitrile

Concen: 255.645 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

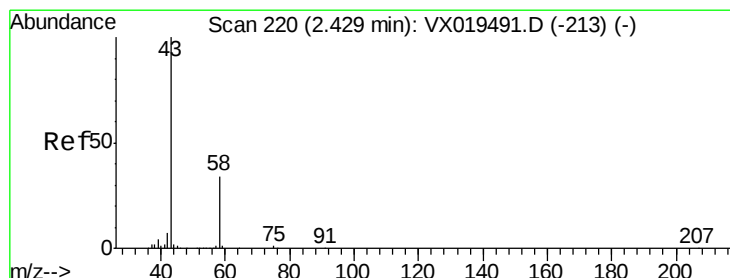
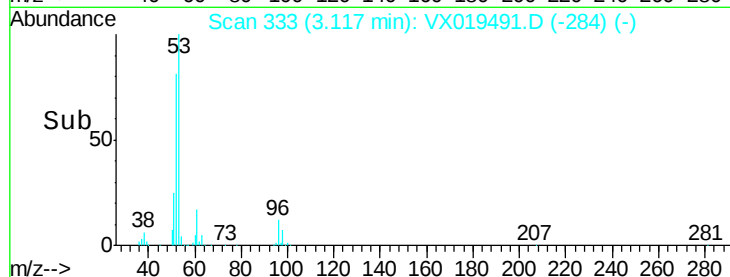
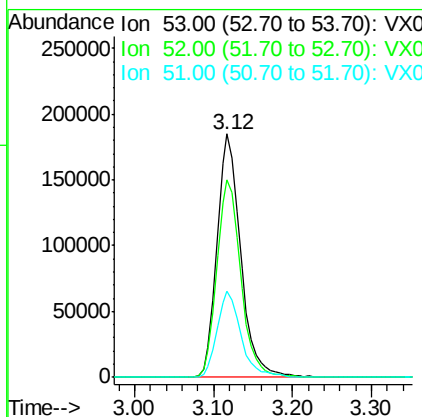
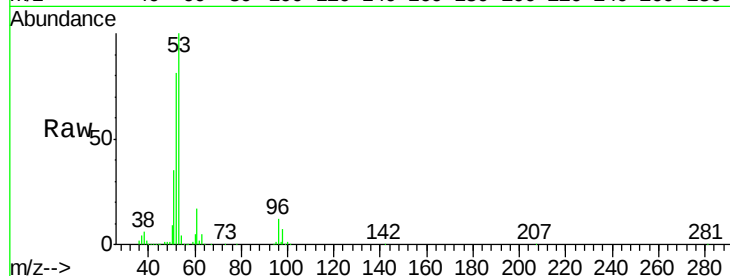
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	384750
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.2	99.2
51	35.6	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 245.883 ug/l

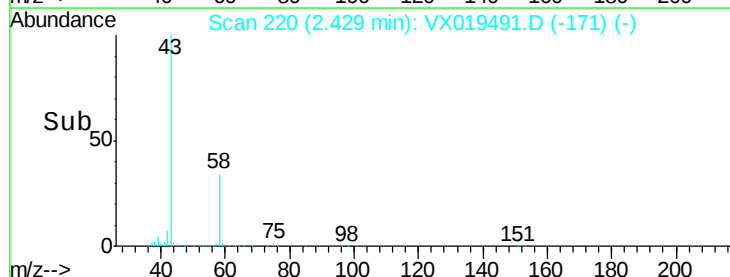
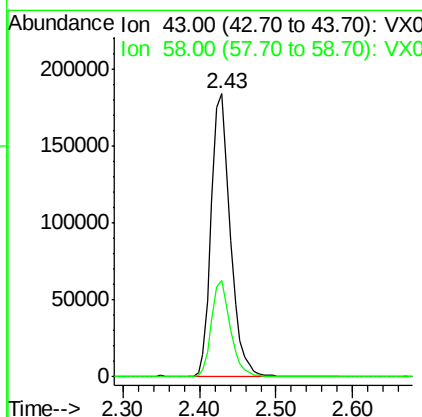
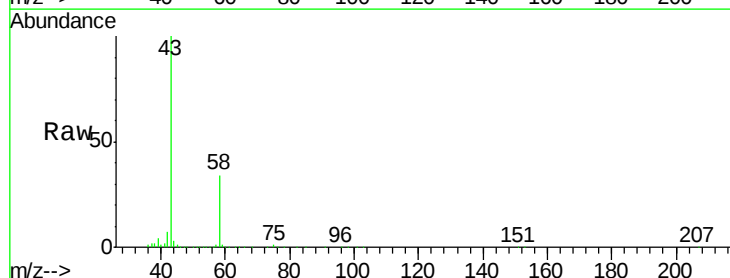
RT: 2.43 min Scan# 220

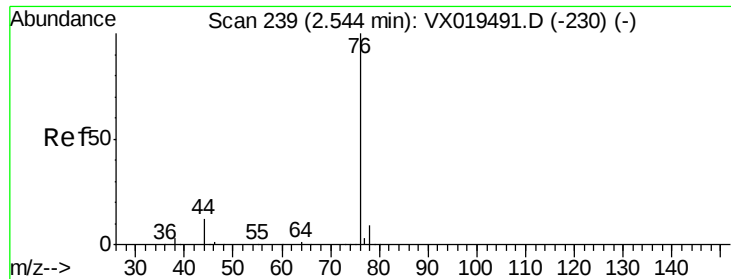
Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion:	43	Resp:	320641
Ion Ratio	Lower	Upper	
43	100		
58	34.3	27.4	41.2





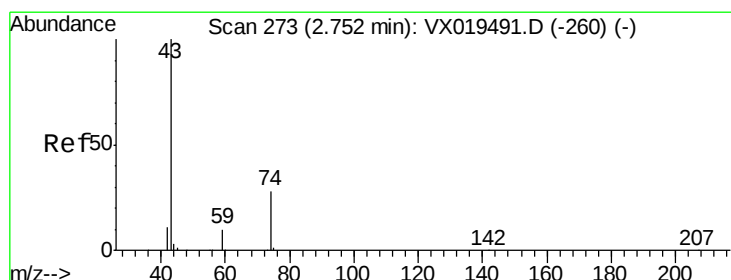
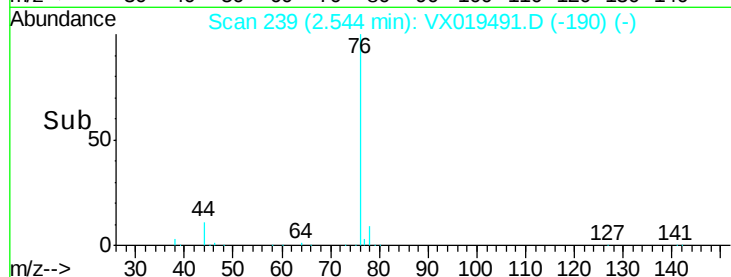
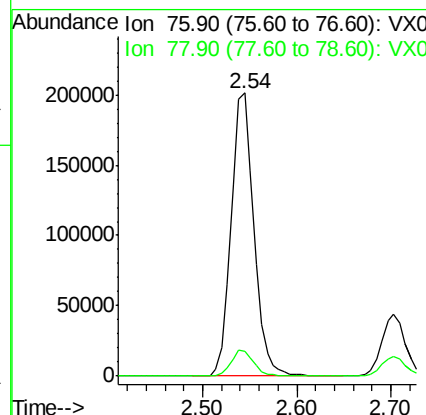
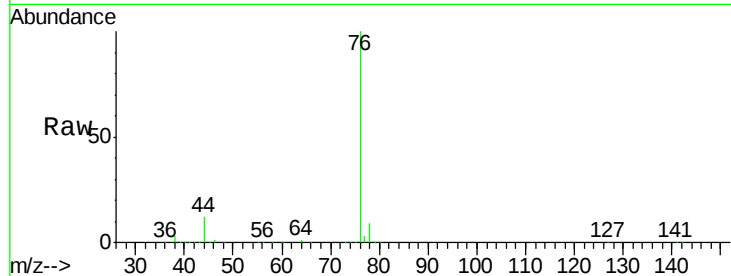
#17
Carbon Disulfide
Concen: 48.746 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

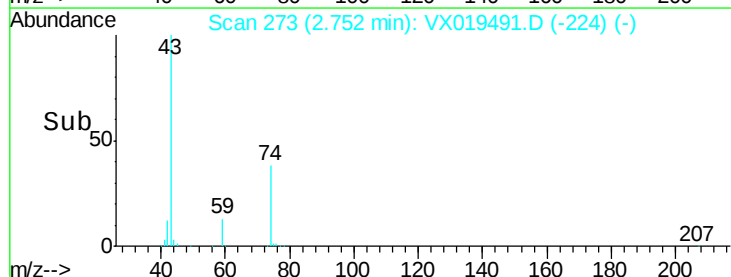
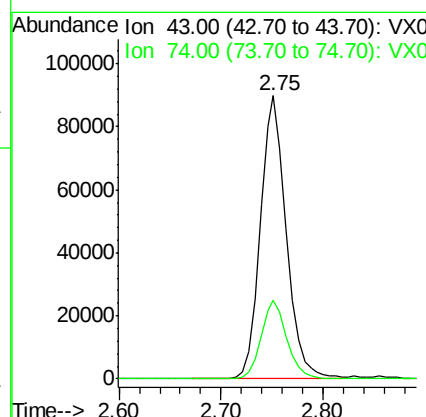
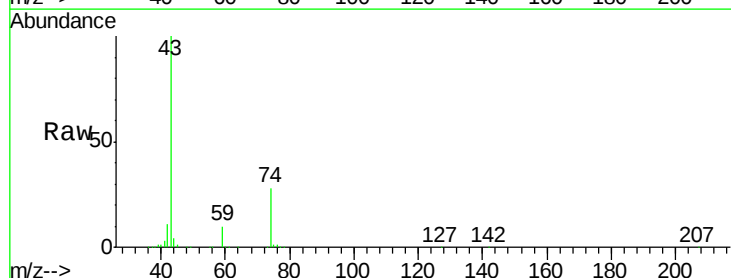
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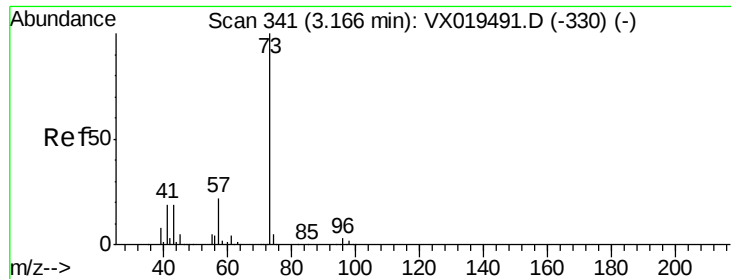
MMDadoda
11/23/2020 3:50:34 PM



#18
Methyl Acetate
Concen: 47.107 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	22.2	33.4





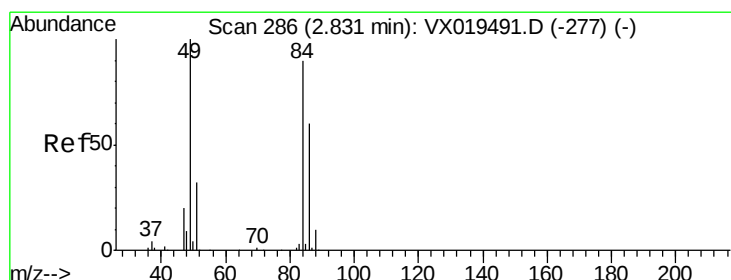
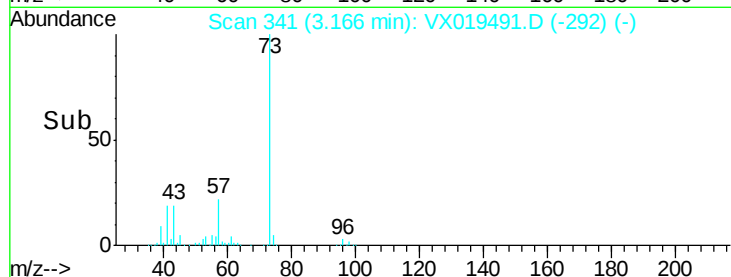
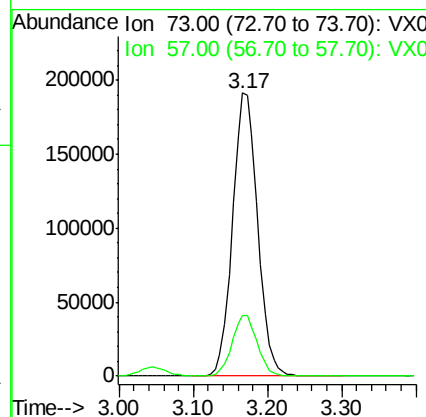
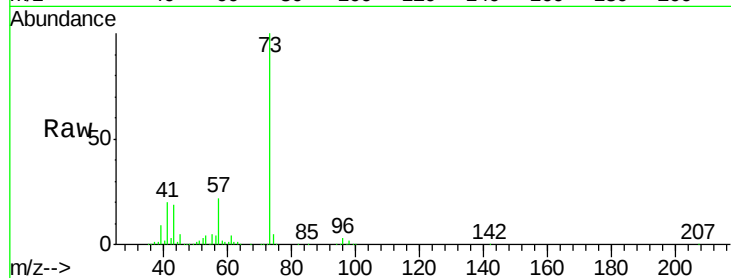
#19
Methvl tert-butvl Ether
Concen: 50.573 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.3	25.9

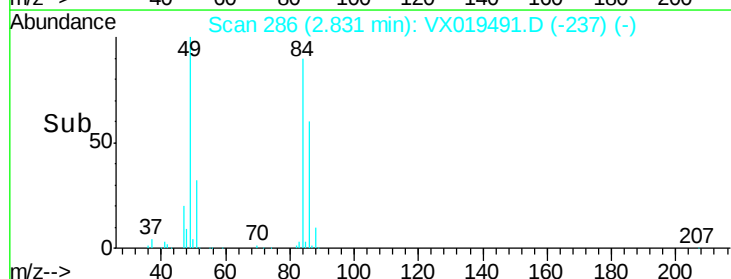
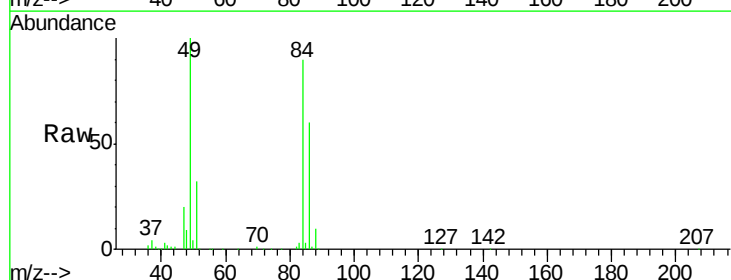
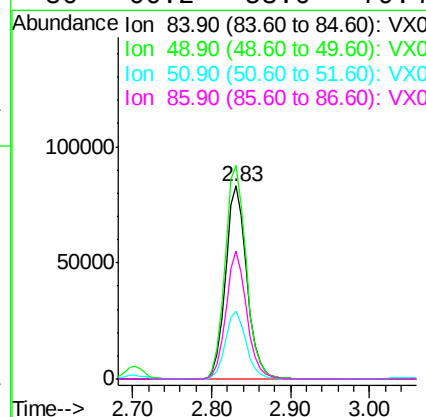
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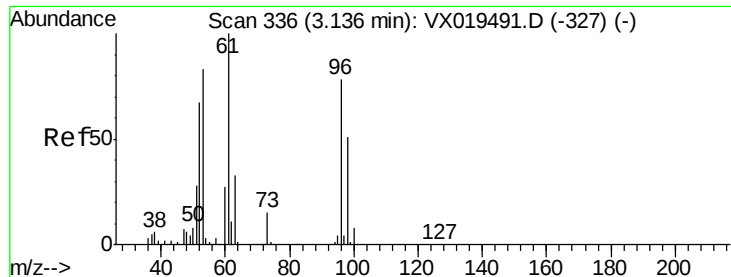
MMDadoda
11/23/2020 3:50:34 PM



#20
Methylene Chloride
Concen: 47.721 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.6	88.5	132.7
51	35.0	28.0	42.0
86	66.2	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 49.384 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 144468

Ion Ratio Lower Upper

96 100

61 128.6 102.9 154.3

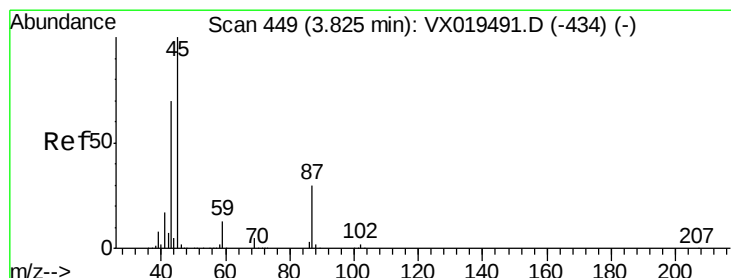
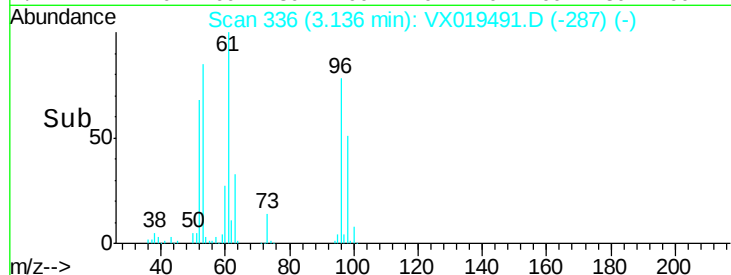
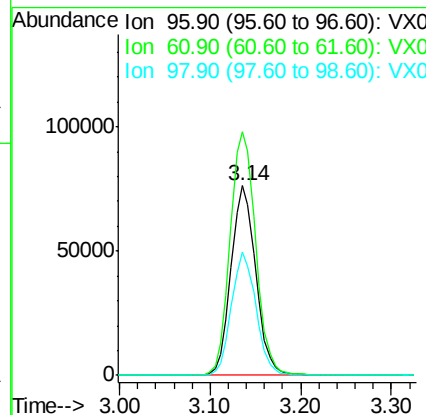
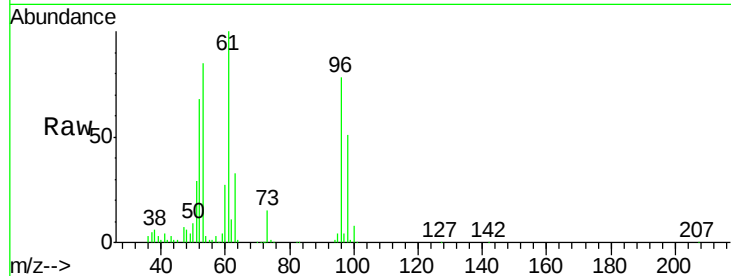
98 65.1 52.1 78.1

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#22

Diisopropyl ether

Concen: 50.944 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion: 45 Resp: 426282

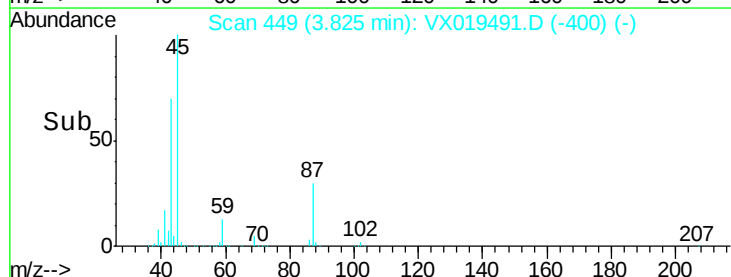
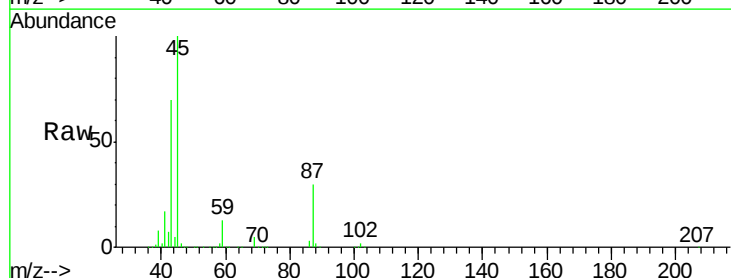
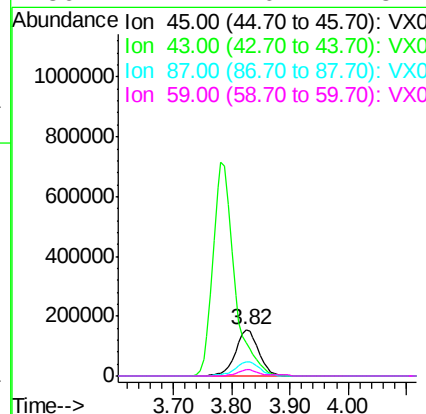
Ion Ratio Lower Upper

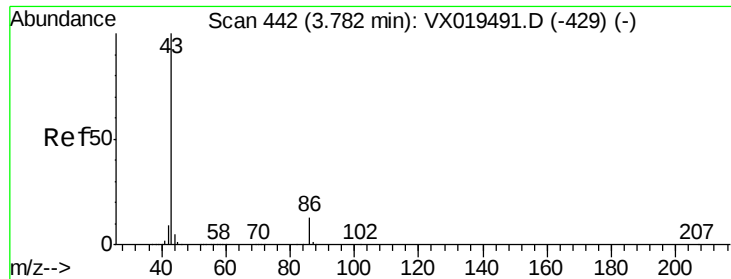
45 100

43 70.1 56.1 84.1

87 30.2 24.2 36.2

59 12.7 10.2 15.2





#23

Vinyl Acetate

Concen: 260.872 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1830964

Ion Ratio Lower Upper

43 100

86 12.7

10.2

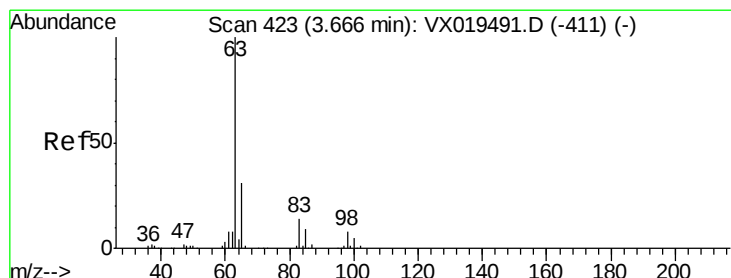
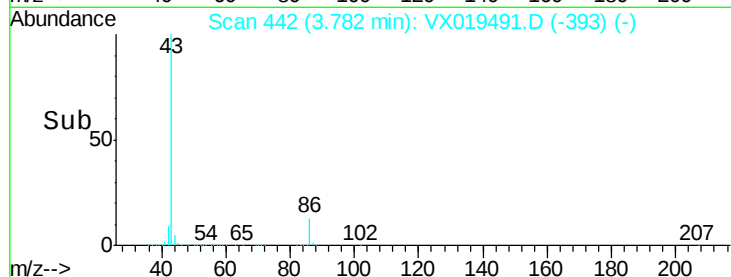
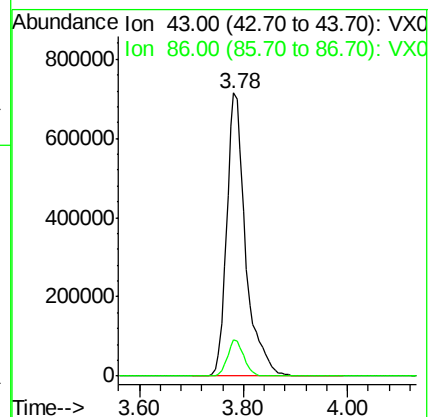
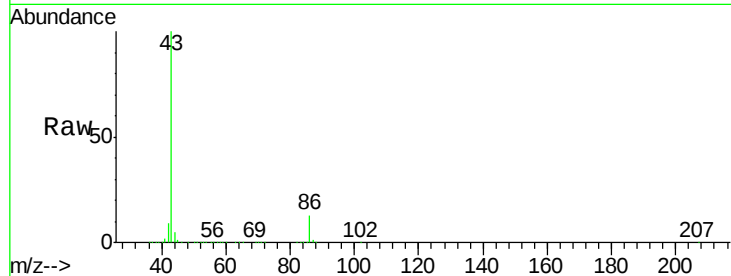
15.2

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#24

1,1-Dichloroethane

Concen: 49.856 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion: 63 Resp: 255169

Ion Ratio Lower Upper

63 100

98 7.8

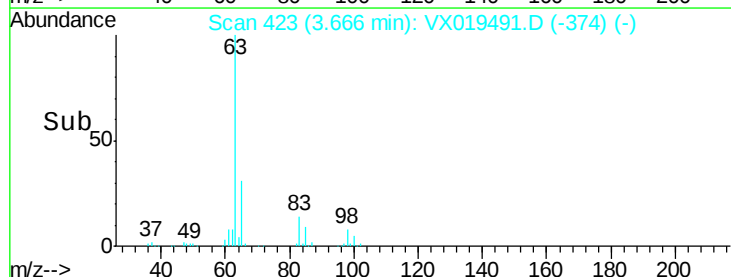
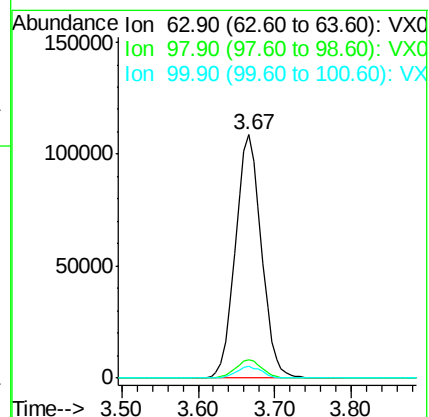
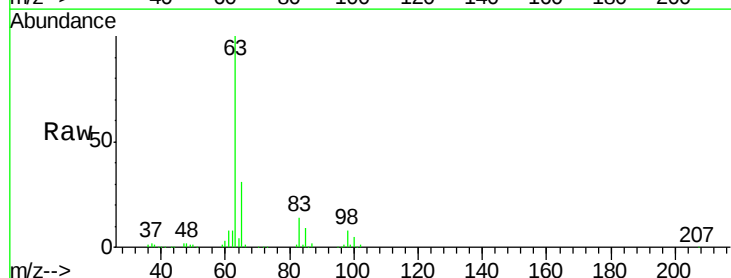
3.9

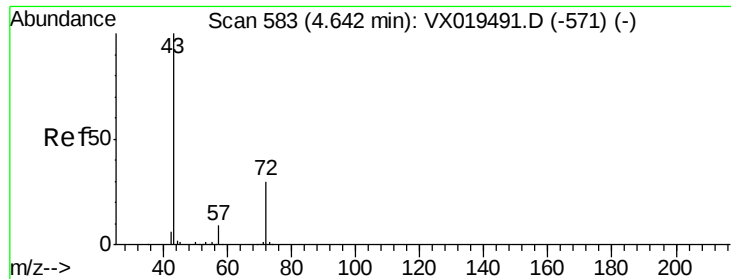
11.7

100 4.7

2.4

7.1





#25

2-Butanone

Concen: 255.898 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 501282

Ion Ratio Lower Upper

43 100

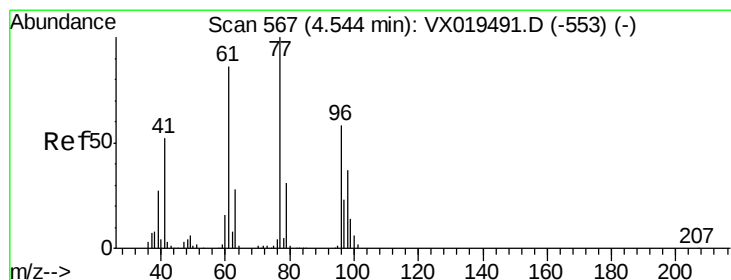
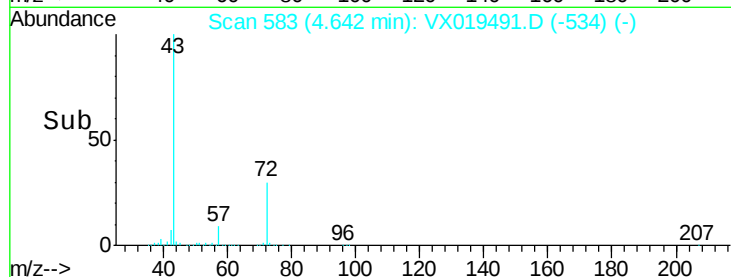
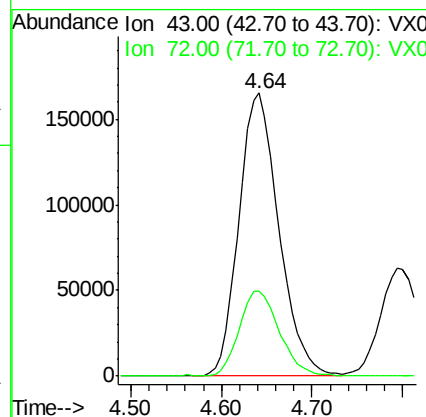
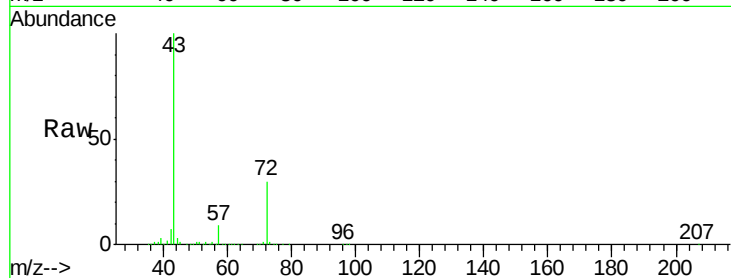
72 30.0 24.0 36.0

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 49.831 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019491.D

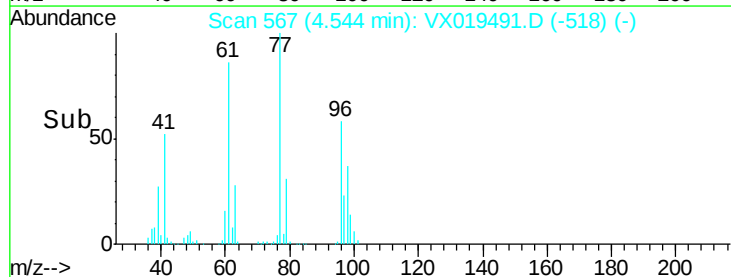
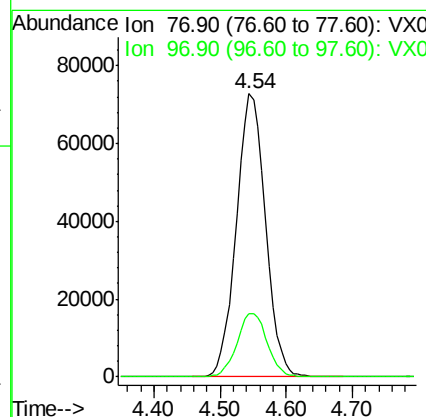
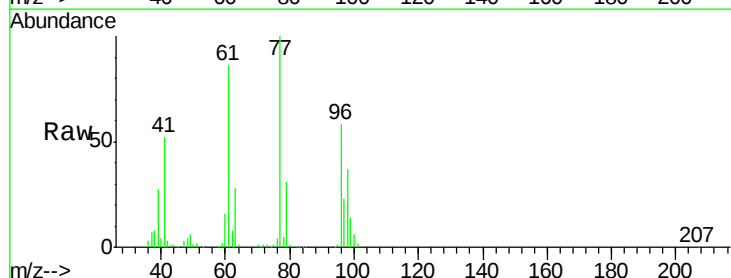
Acq: 20 Nov 2020 10:54

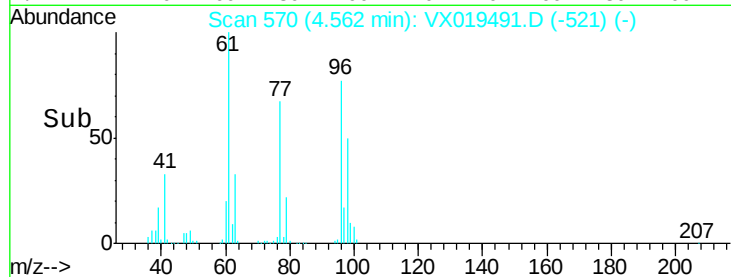
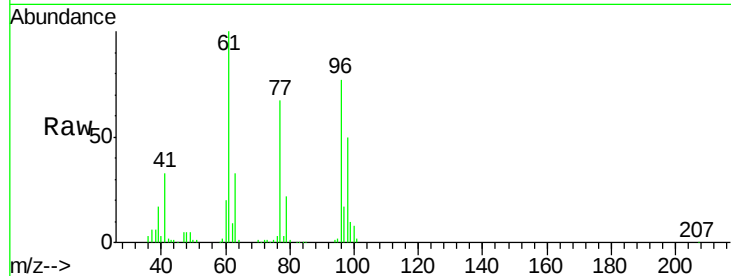
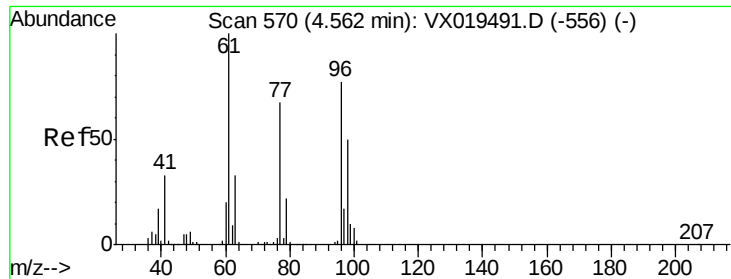
Tgt Ion: 77 Resp: 222610

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





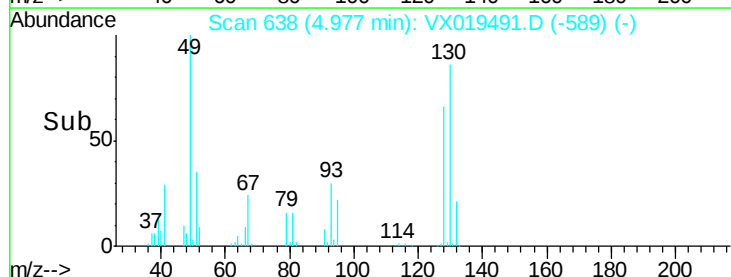
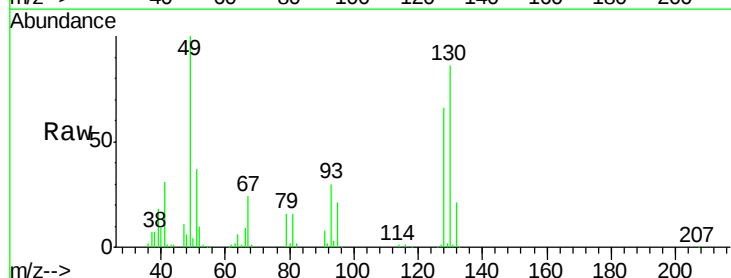
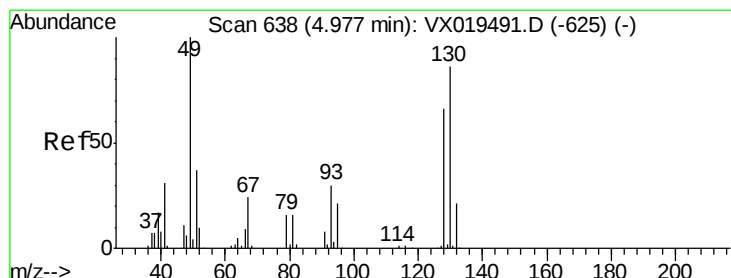
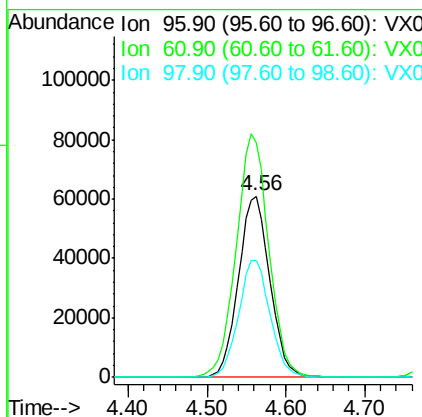
#27
 cis-1,2-Dichloroethene
 Concen: 50.229 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168787		
61	139.6	0.0	279.2	
98	64.9	0.0	129.8	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

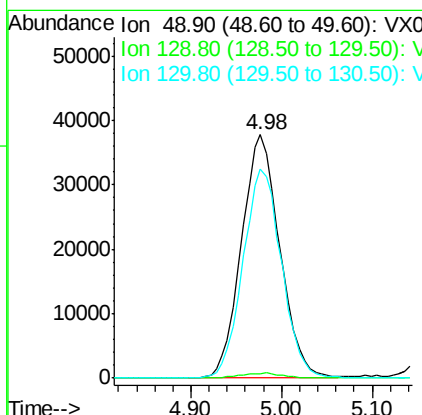
Manual Integrations
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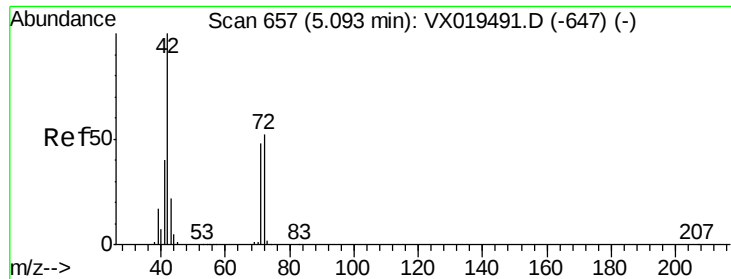
MMDadoda
 11/23/2020 3:50:34 PM



#28
 Bromochloromethane
 Concen: 45.208 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110623		
129	2.1	0.0	4.2	
130	86.3	69.0	103.6	





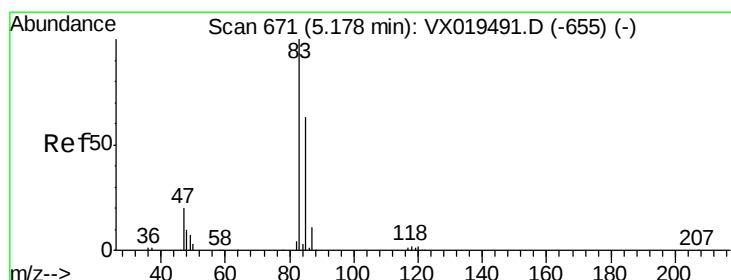
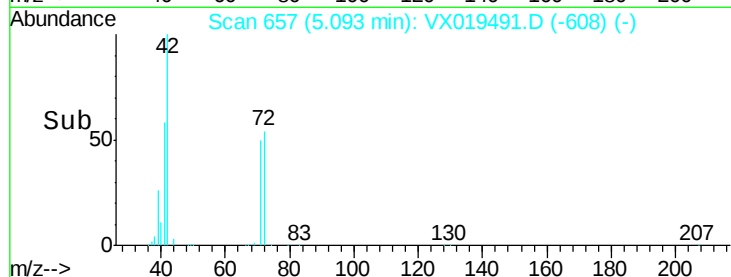
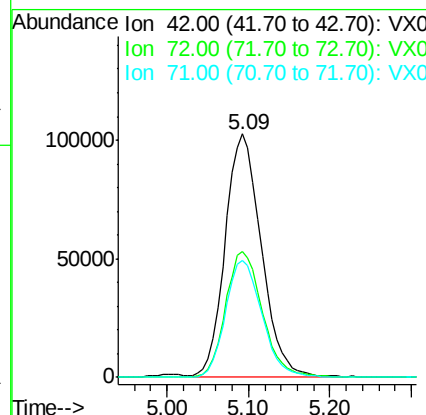
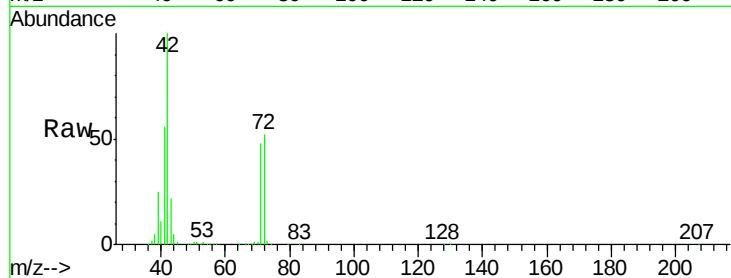
#29
Tetrahydrofuran
Concen: 250.880 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.6	63.8
71	48.8	39.0	58.6

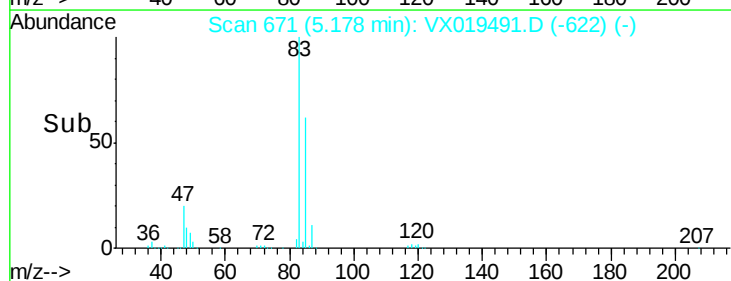
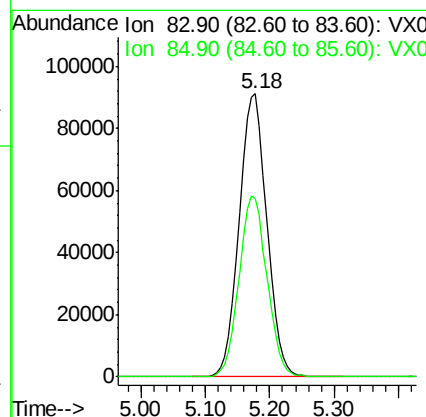
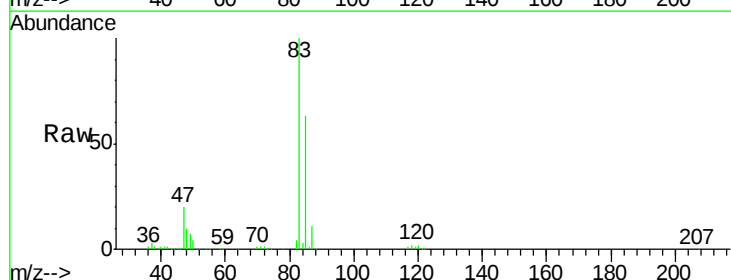
Manual Integrations
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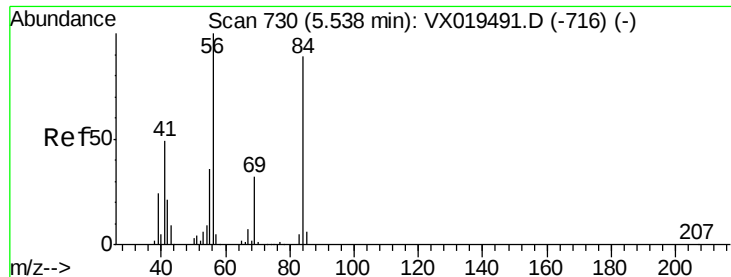
MMDadoda
11/23/2020 3:50:34 PM



#30
Chloroform
Concen: 50.813 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7





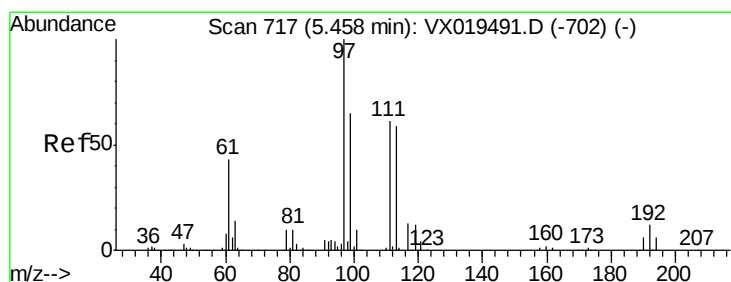
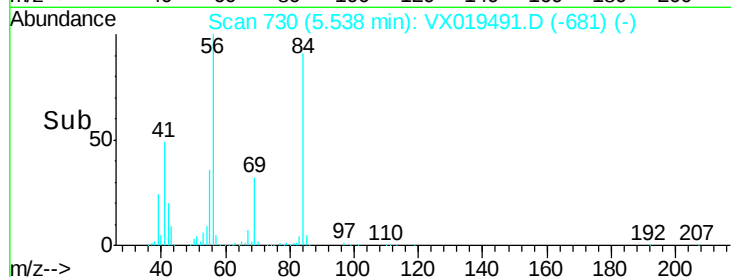
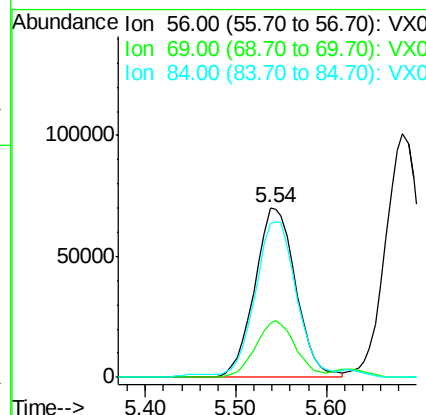
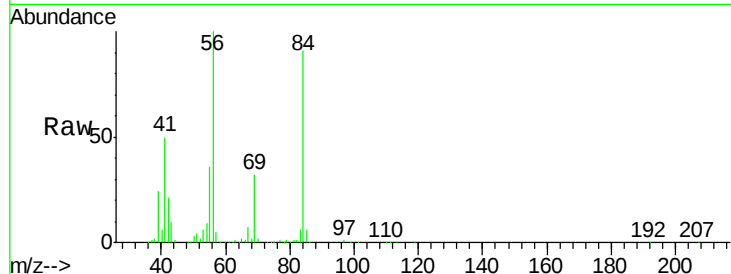
#31
Cyclohexane
Concen: 50.095 ug/l
RT: 5.54 min Scan# 730
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.5	38.3
84	88.9	71.1	106.7

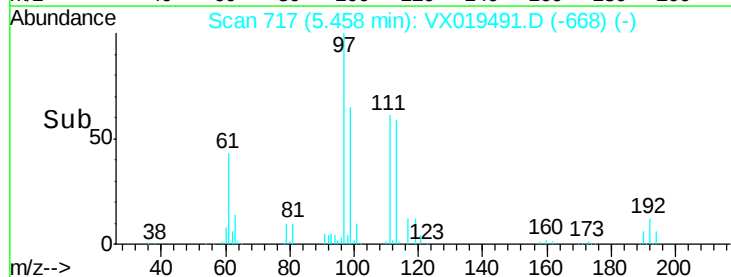
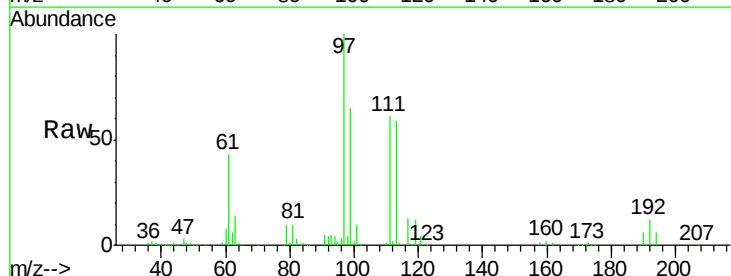
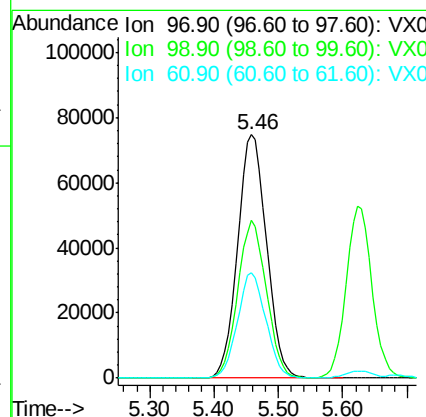
Manual Integrations
APPROVED

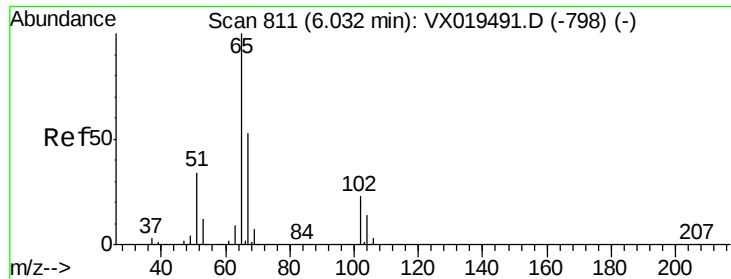
MMDadoda
11/23/2020 3:50:34 PM



#32
1,1,1-Trichloroethane
Concen: 50.665 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.7	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 47.982 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 161799

Ion Ratio Lower Upper

65 100

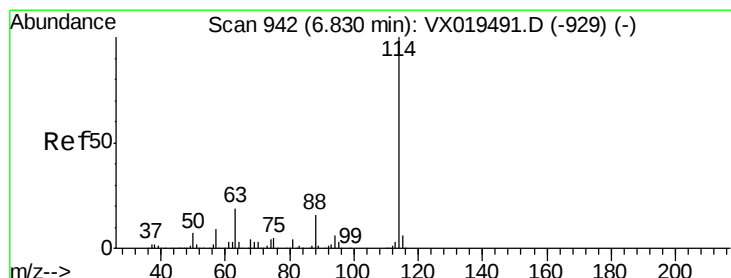
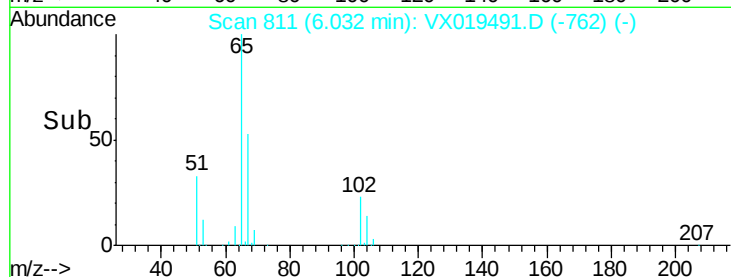
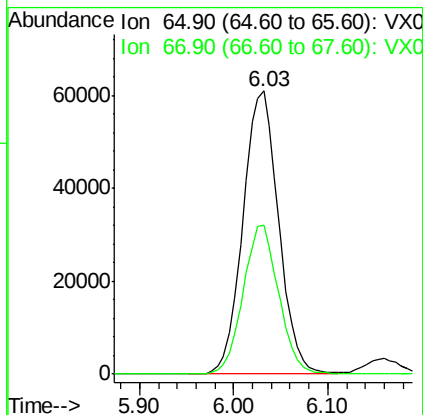
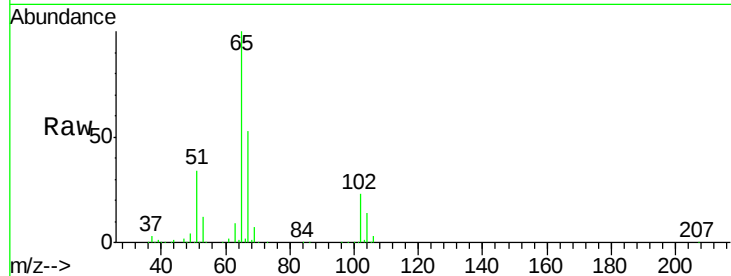
67 52.5 0.0 105.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

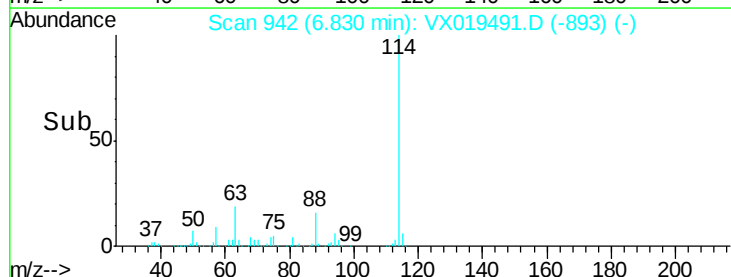
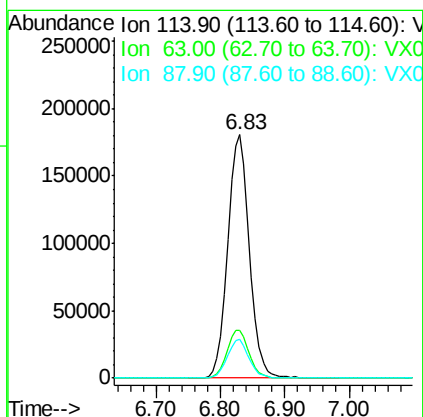
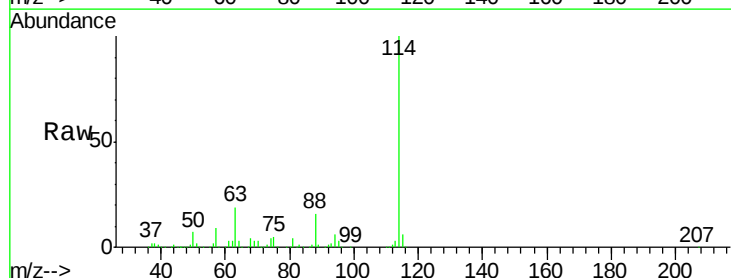
Tgt Ion: 114 Resp: 426584

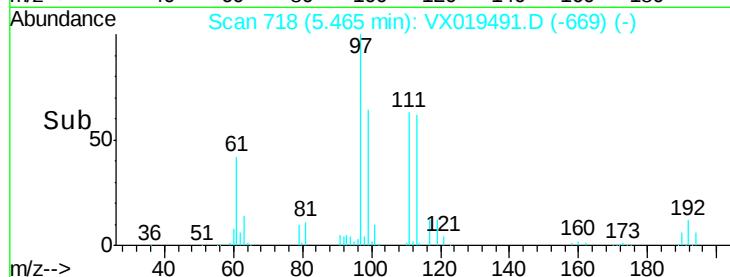
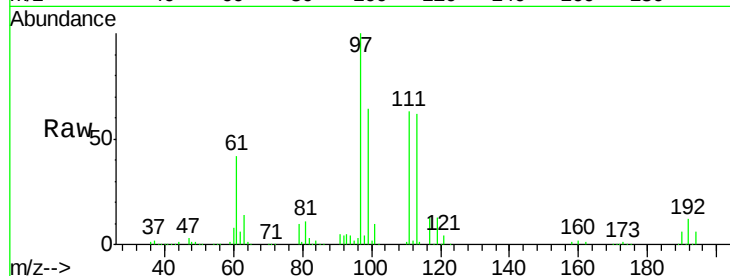
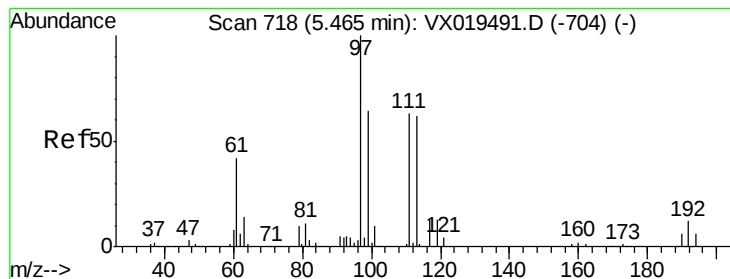
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.191 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tot Ion:	113	Resp:	131718
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.5	122.3
192	20.2	16.2	24.2

Instrument :

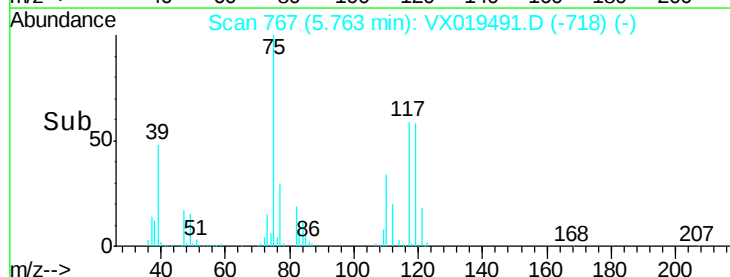
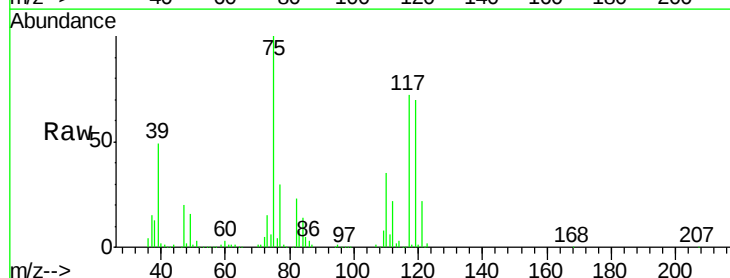
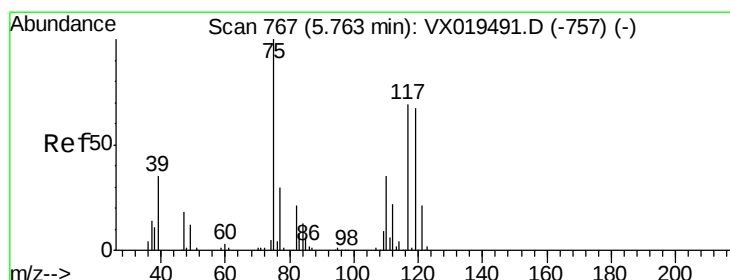
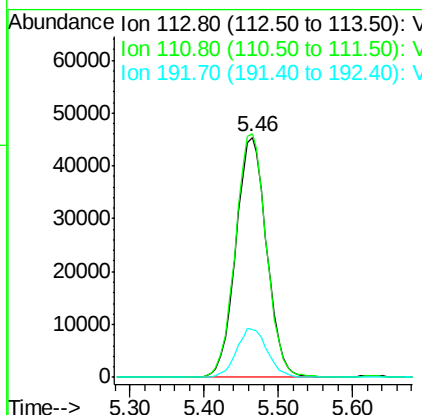
MSVOA_X

ClientSampleId :

VSTDICCC050

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.870 ug/l

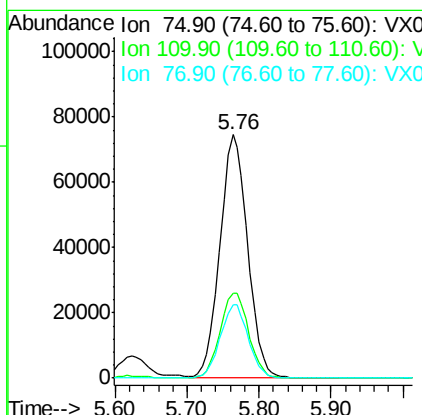
RT: 5.76 min Scan# 767

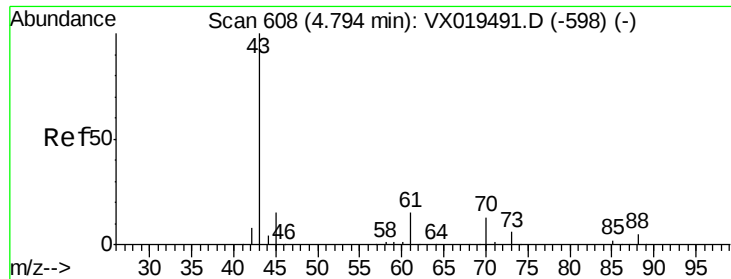
Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion:	75	Resp:	199440
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	30.3	24.2	36.4





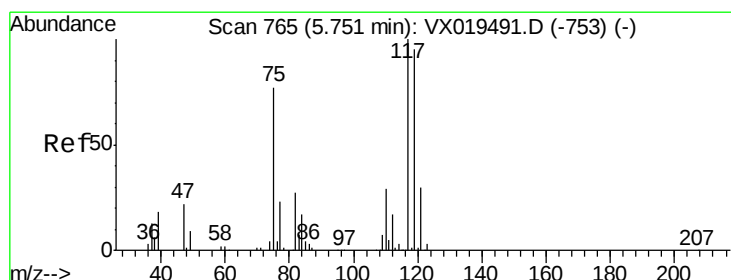
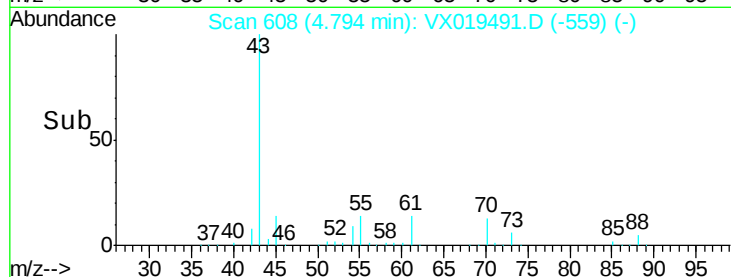
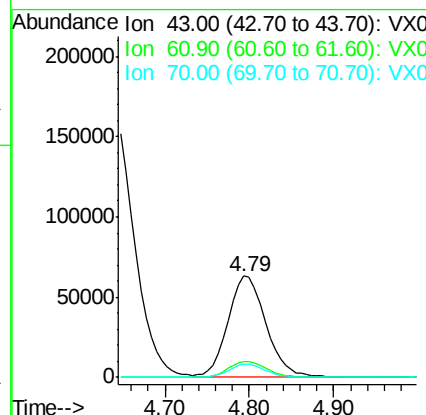
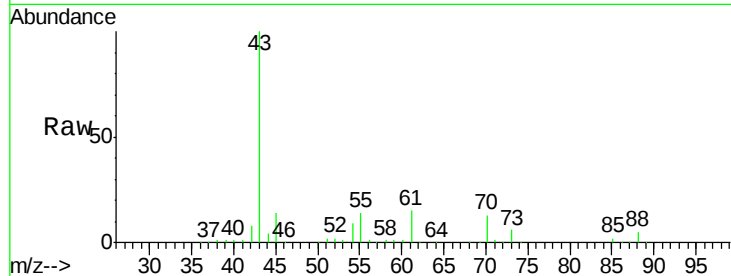
#37
Ethyl Acetate
Concen: 51.302 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.7	19.1
70	12.7	10.2	15.2

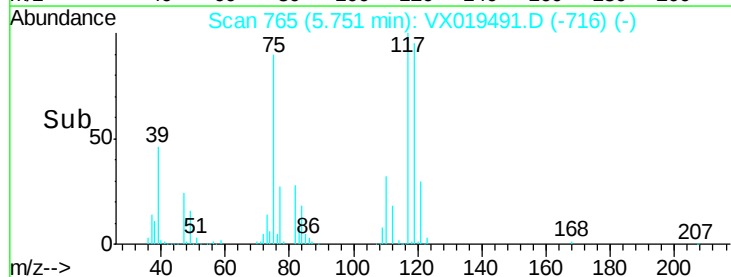
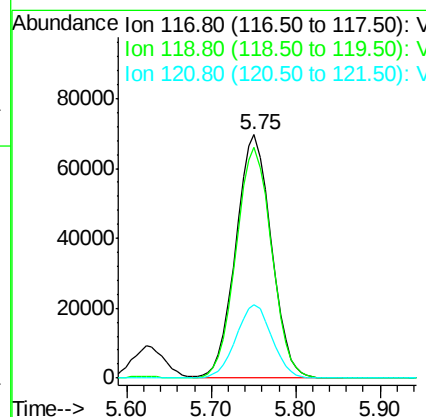
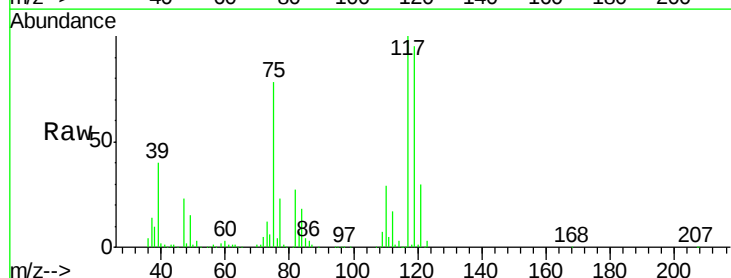
Manual Integrations
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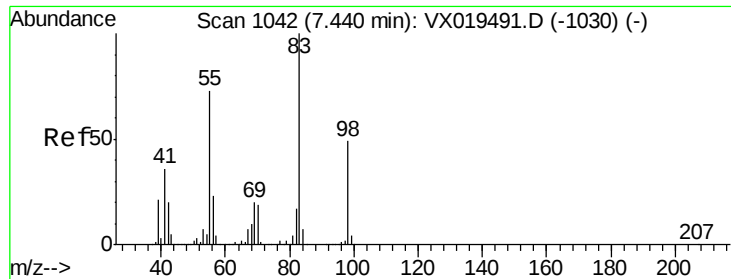
MMDadoda
11/23/2020 3:50:34 PM



#38
Carbon Tetrachloride
Concen: 51.263 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.9	113.9
121	30.0	24.0	36.0





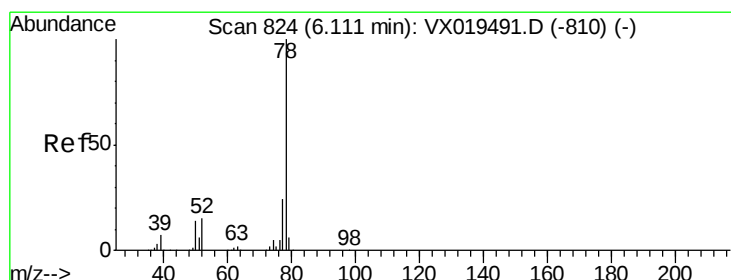
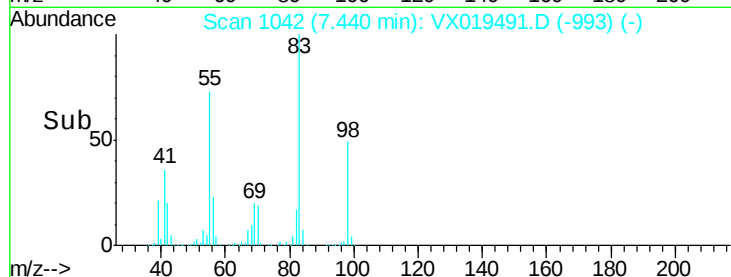
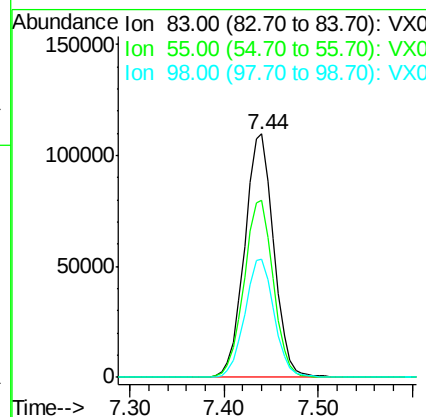
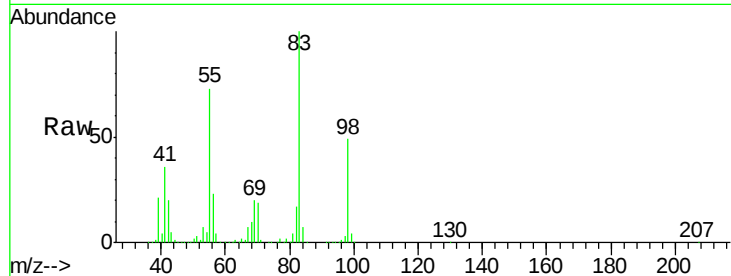
#39
Methvlcvclohexane
Concen: 50.986 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	58.3	87.5
98	48.6	38.9	58.3

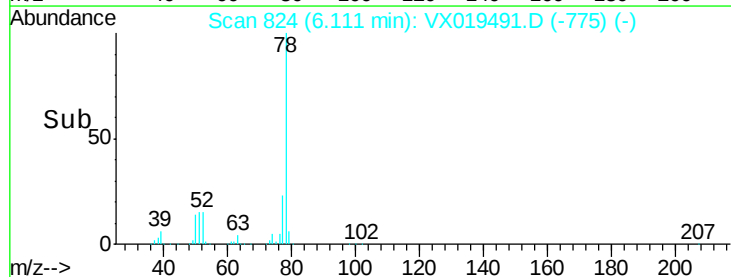
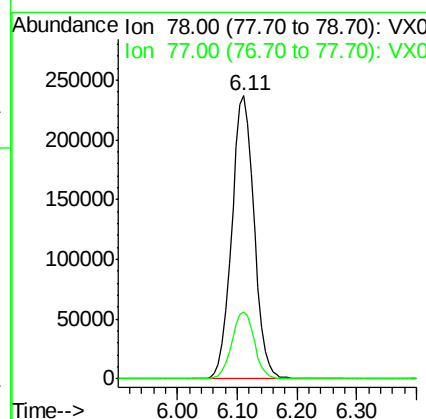
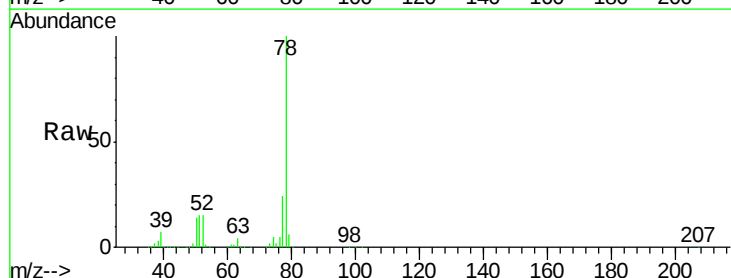
Manual Integrations
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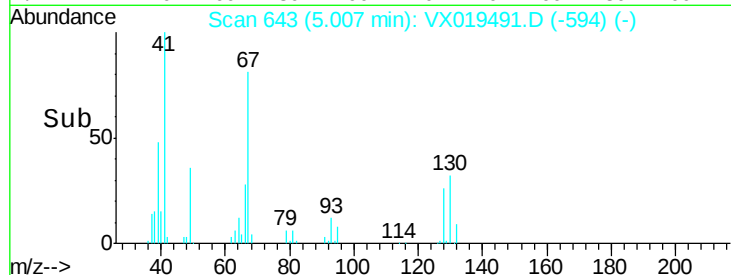
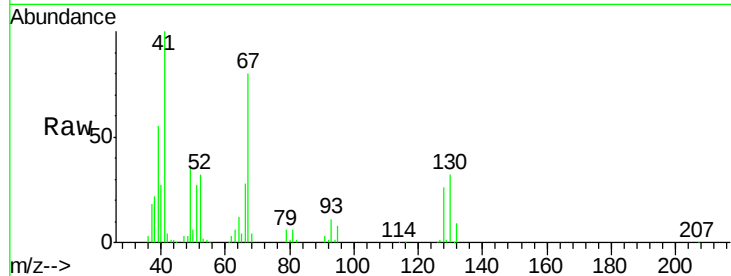
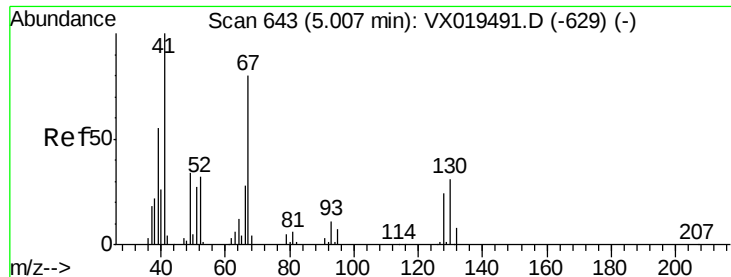
MMDadoda
11/23/2020 3:50:34 PM



#40
Benzene
Concen: 50.285 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#41

Methacrylonitrile

Concen: 51.052 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		105696		
39	54.1	43.3	64.9		
67	82.5	66.0	99.0		
52	31.8	25.4	38.2		

Instrument :

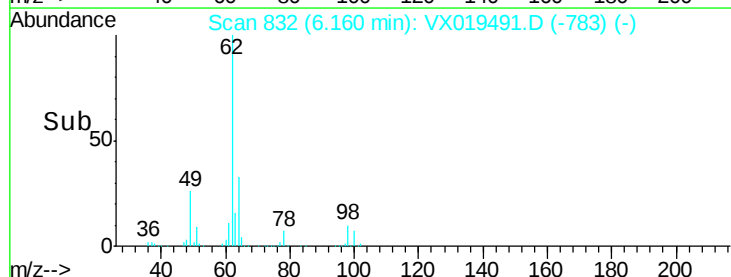
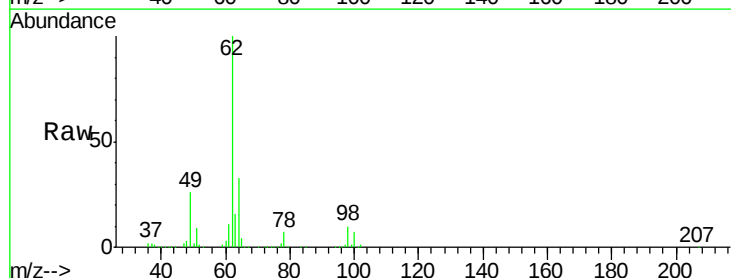
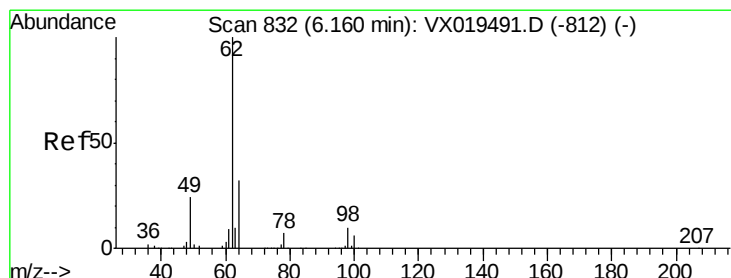
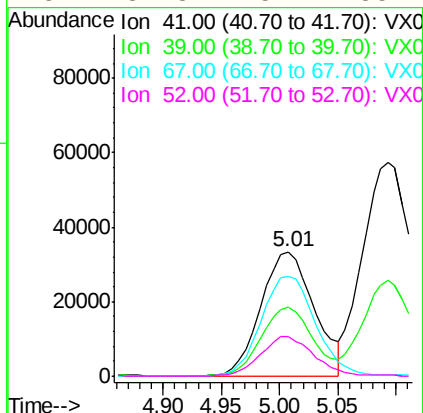
MSVOA_X

ClientSampleId :

VSTDICCC050

Manual Integrations
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11/23/2020 3:50:34 PM



#42

1,2-Dichloroethane

Concen: 50.440 ug/l

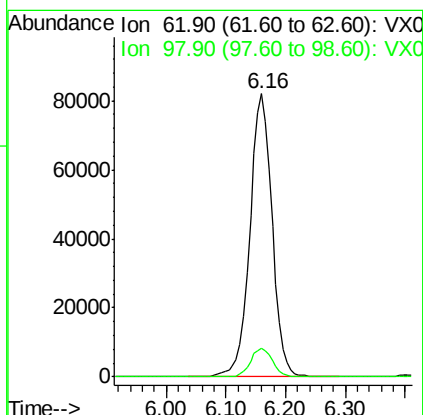
RT: 6.16 min Scan# 832

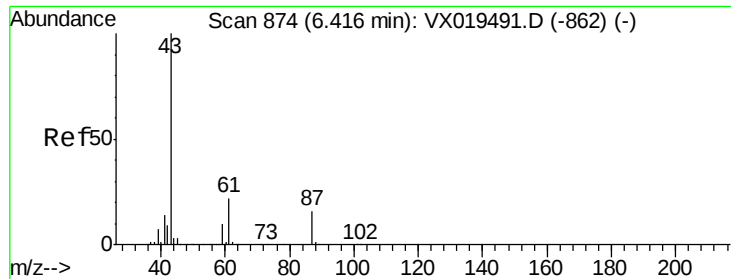
Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		212437		
98	10.0	0.0	20.0		





#43

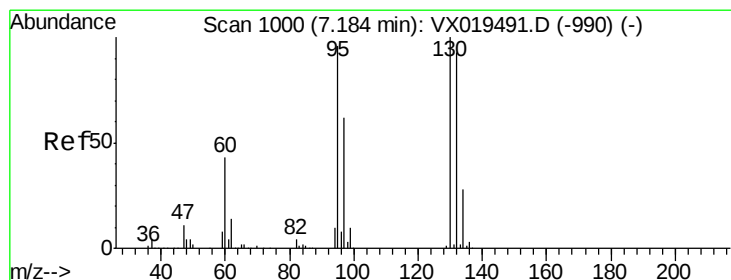
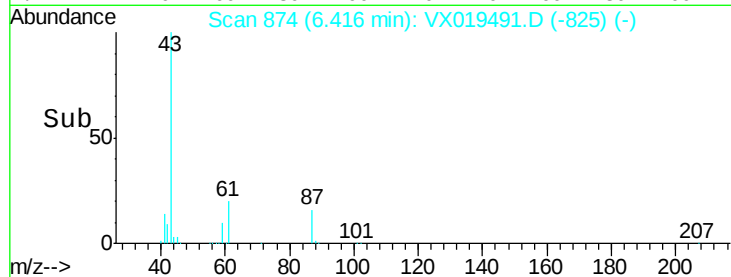
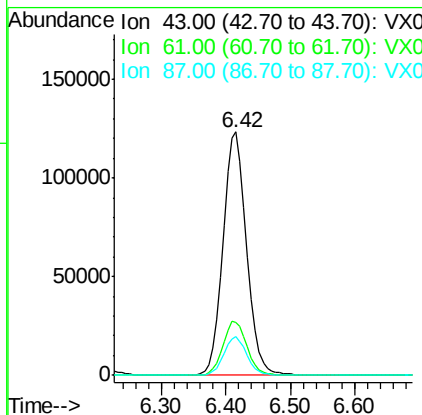
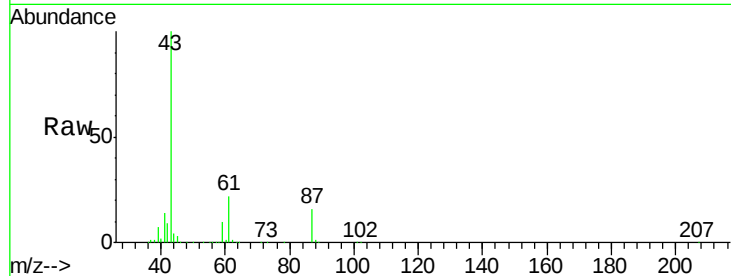
Isopropyl Acetate
 Concen: 50.162 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.7	12.6	18.8

Manual Integrations
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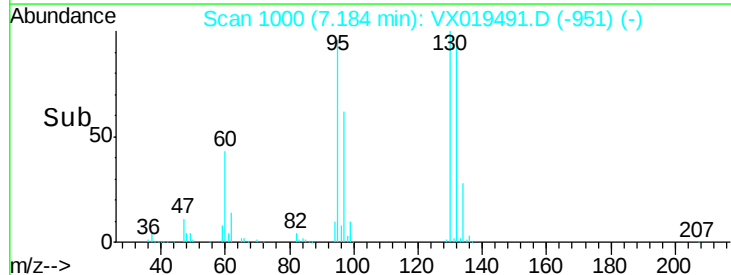
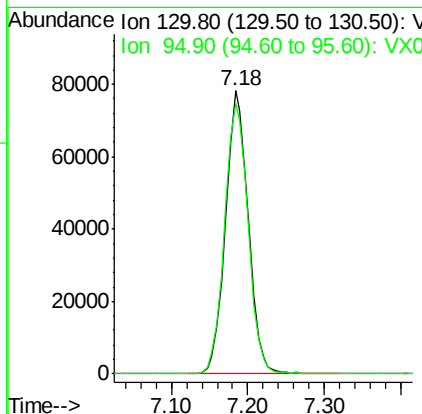
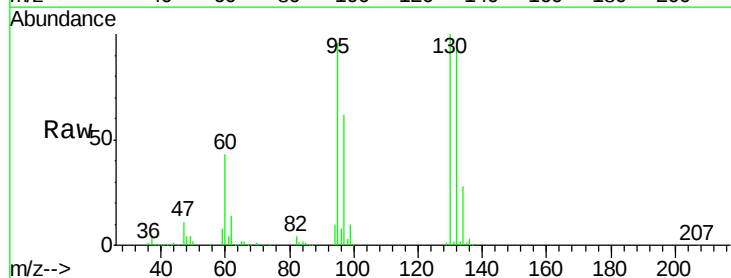
MMDadoda
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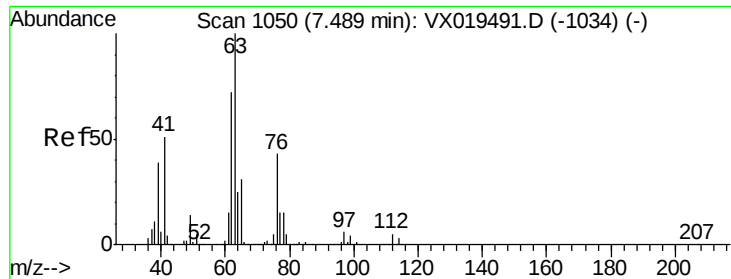


#44

Trichloroethene
 Concen: 49.946 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	191.2





#45

1,2-Dichloropropane

Concen: 51.131 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 154672

Ion Ratio Lower Upper

63 100

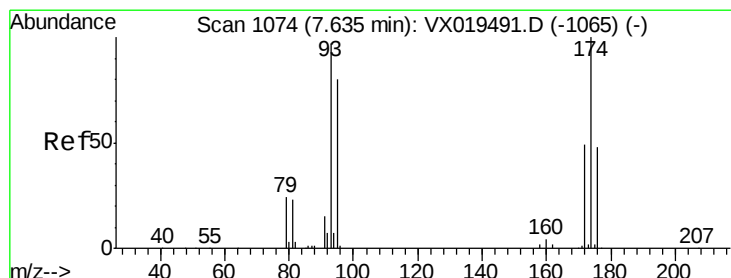
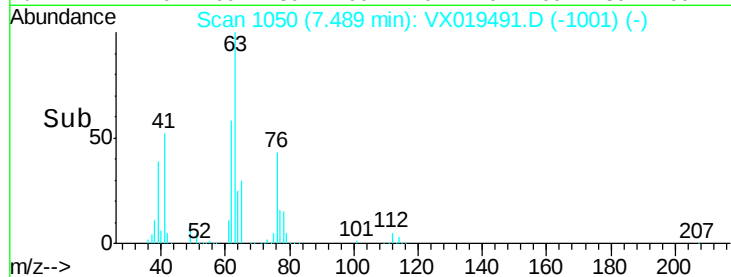
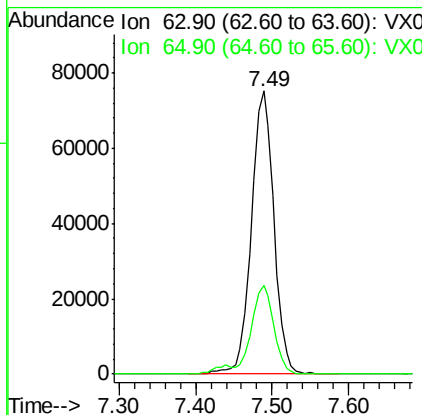
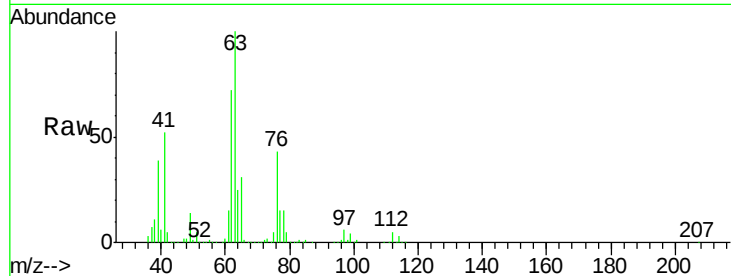
65 31.2 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 51.133 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

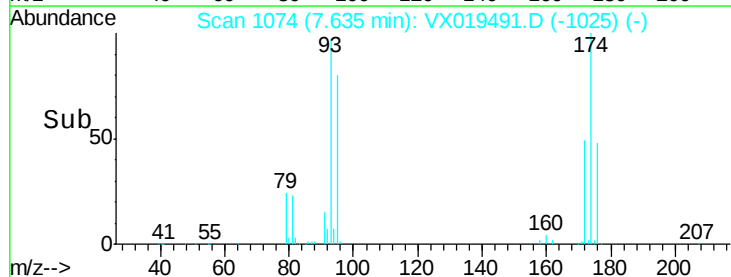
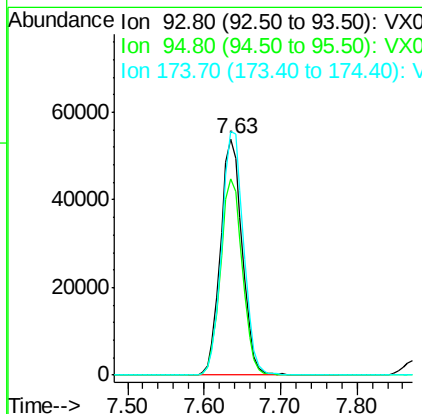
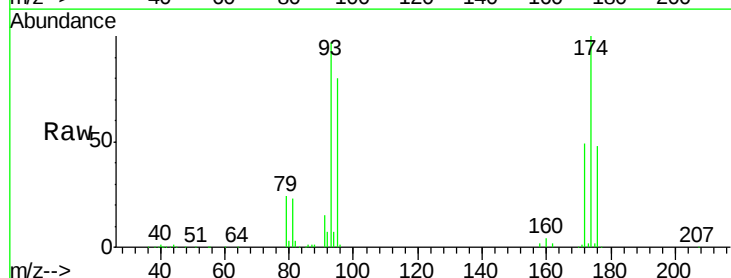
Tgt Ion: 93 Resp: 105864

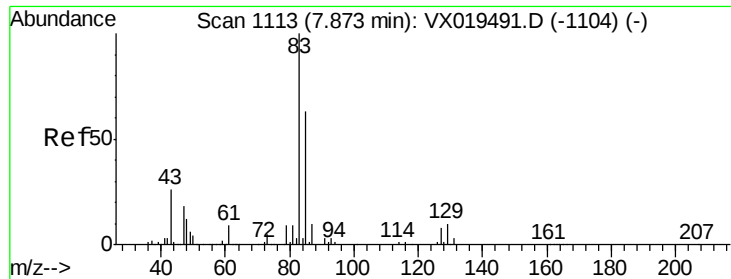
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 103.7 83.0 124.4





#47

Bromodichloromethane

Concen: 52.780 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

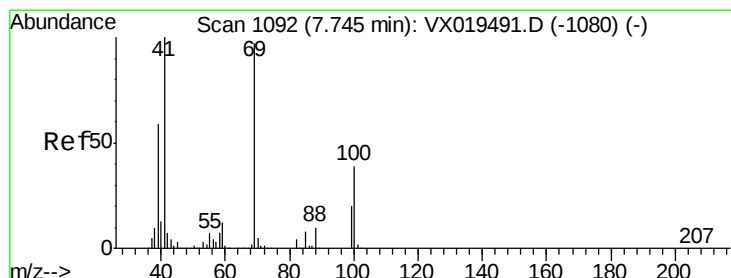
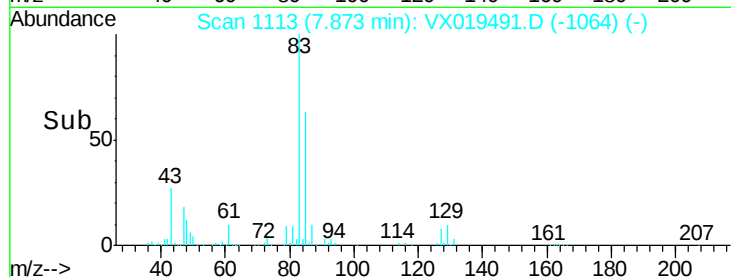
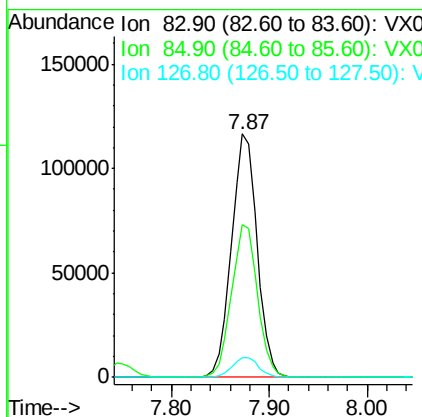
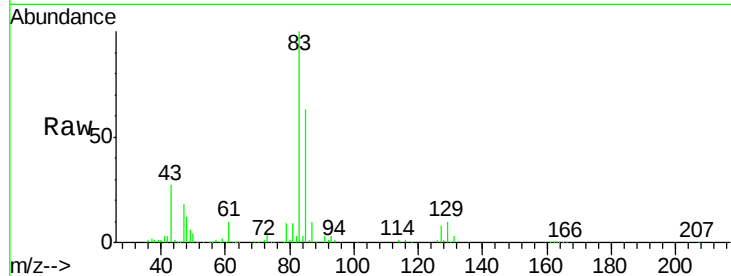
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	212043
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.2	75.2
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.999 ug/l

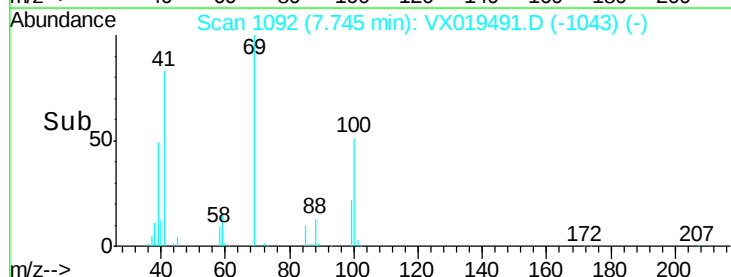
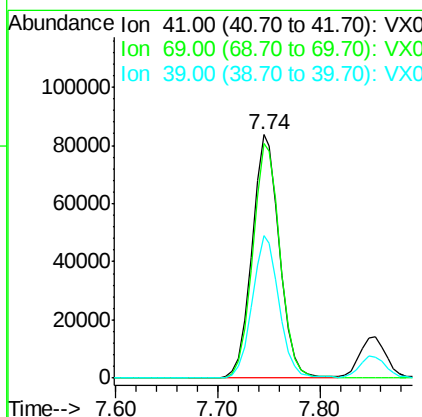
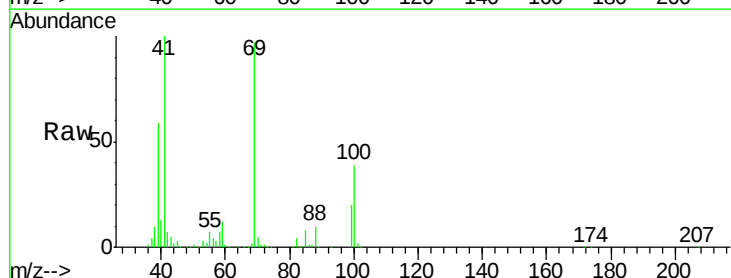
RT: 7.74 min Scan# 1092

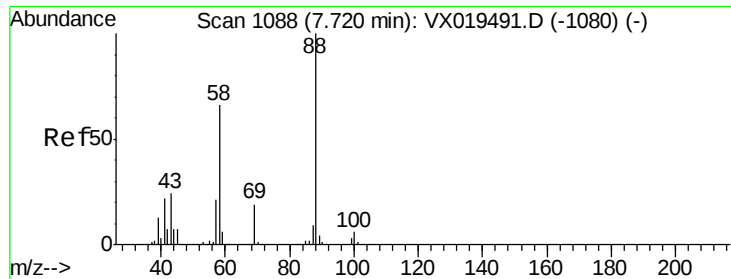
Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion:	41	Resp:	156650
Ion Ratio	Lower	Upper	
41	100		
69	96.3	77.0	115.6
39	57.0	45.6	68.4





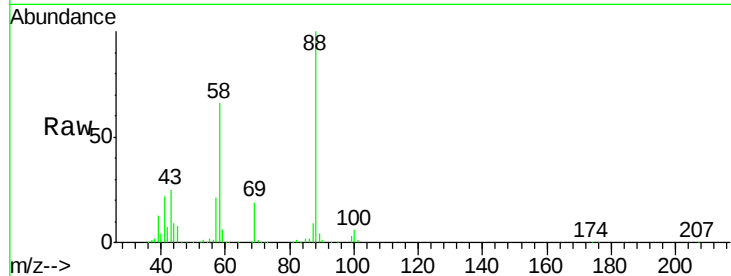
#49
1,4-Dioxane
Concen: 1017.916 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

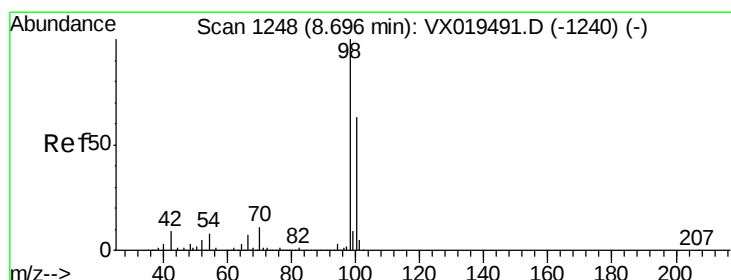
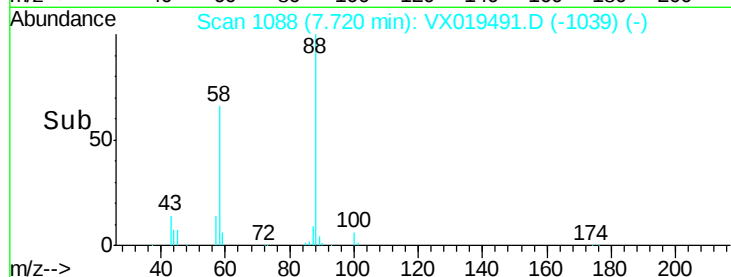
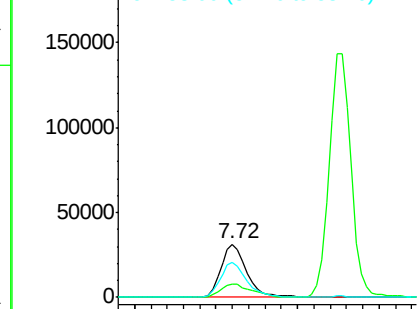
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	23.8	35.6
58	67.7	54.2	81.2

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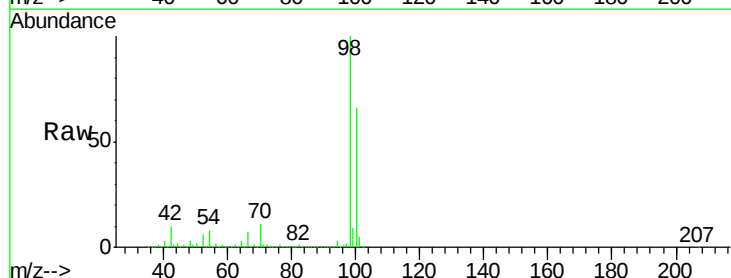


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

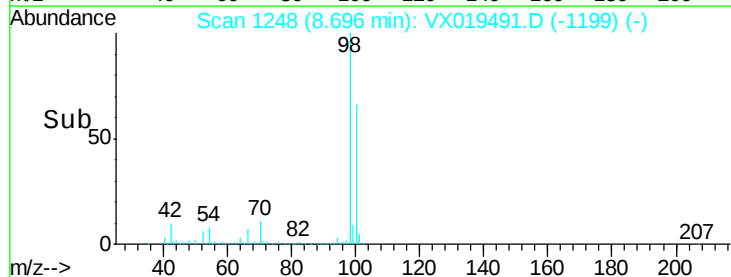
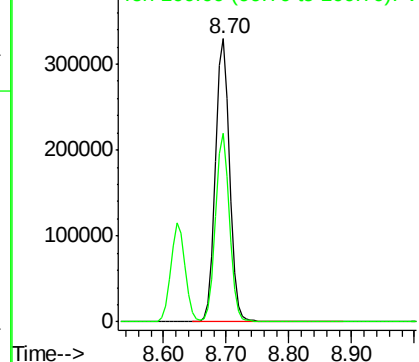


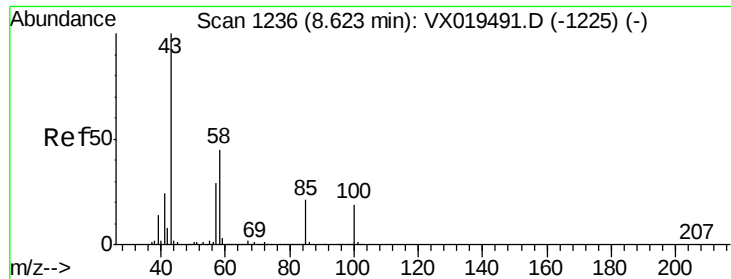
#50
Toluene-d8
Concen: 49.791 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 262.569 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 966327

Ion Ratio Lower Upper

43 100

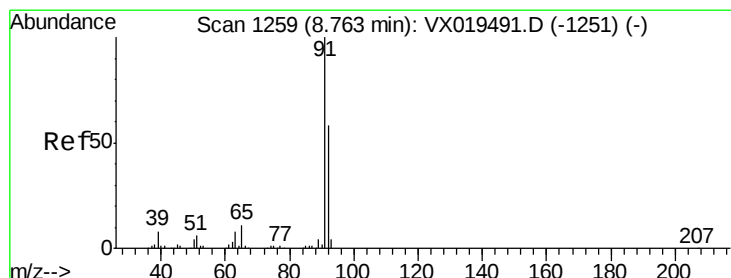
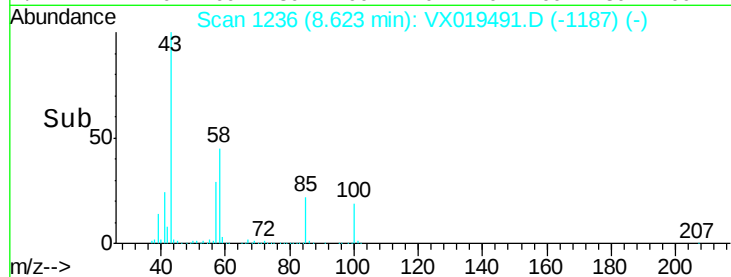
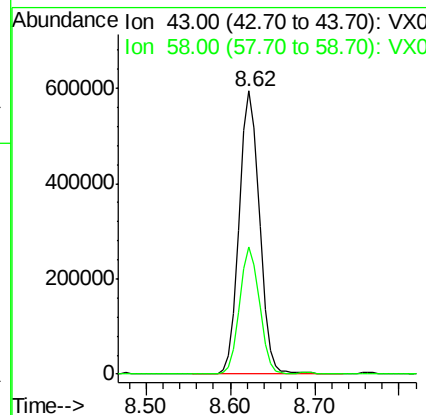
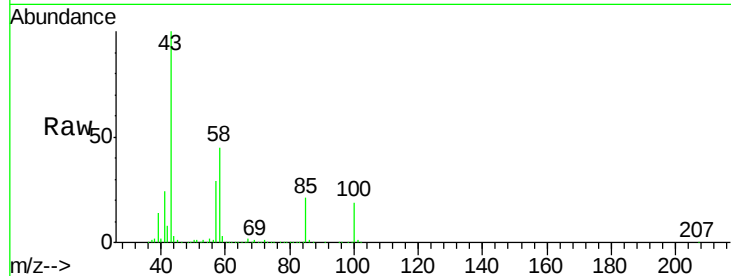
58 43.9 35.1 52.7

Manual Integrations

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#52

Toluene

Concen: 52.001 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019491.D

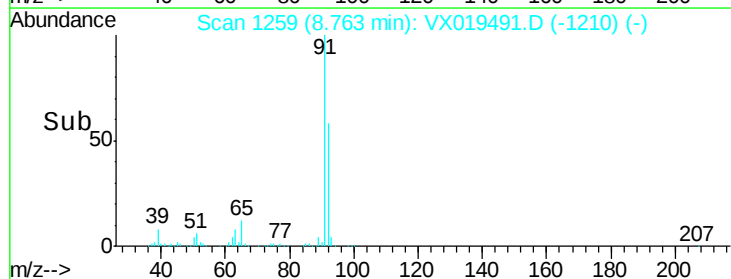
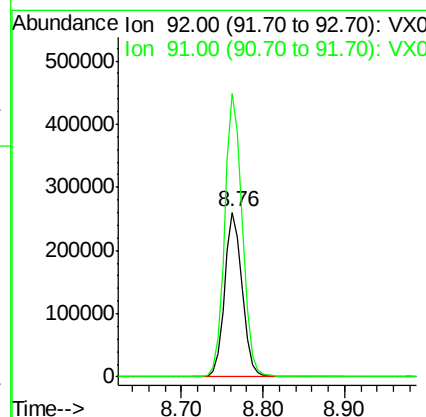
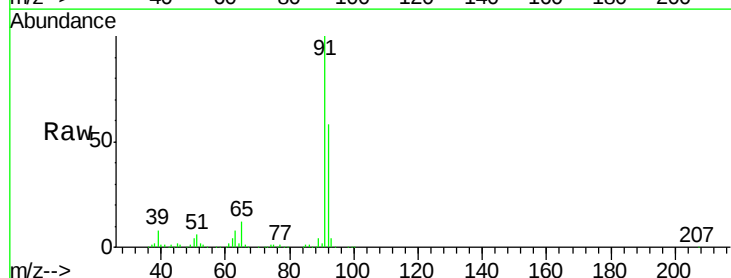
Acq: 20 Nov 2020 10:54

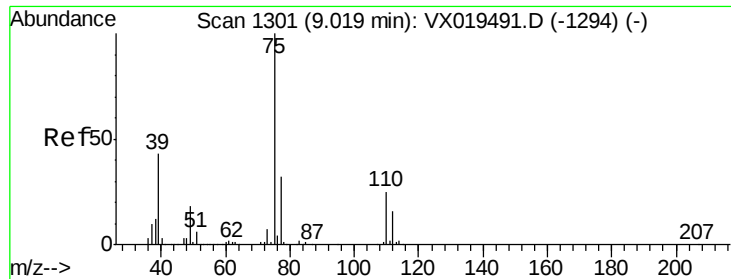
Tgt Ion: 92 Resp: 390890

Ion Ratio Lower Upper

92 100

91 172.6 138.1 207.1





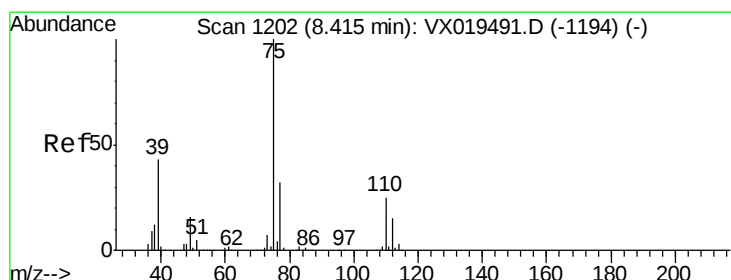
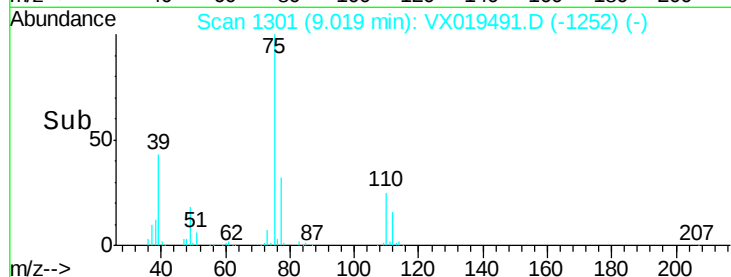
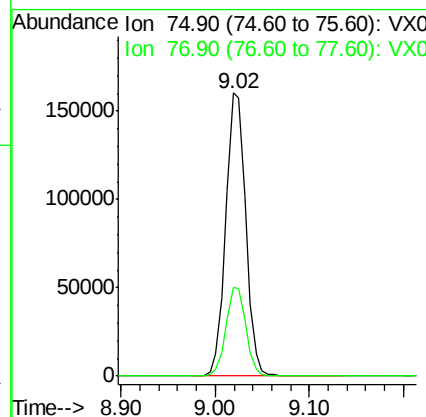
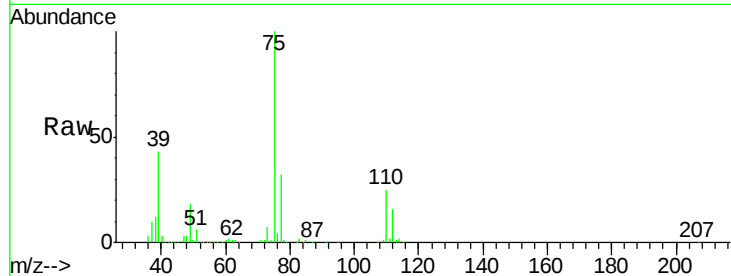
#53
t-1,3-Dichloropropene
Concen: 54.351 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9

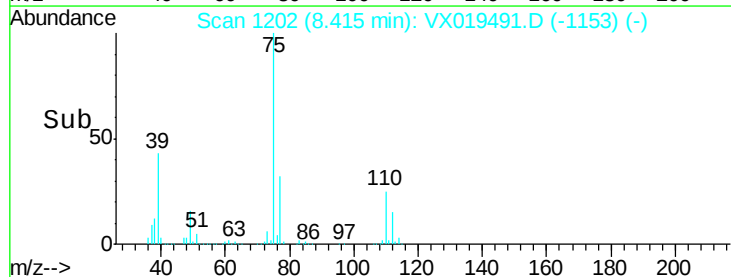
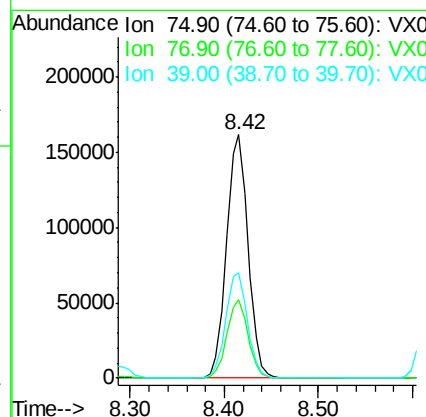
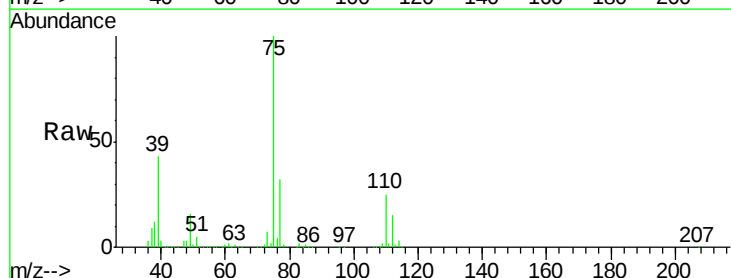
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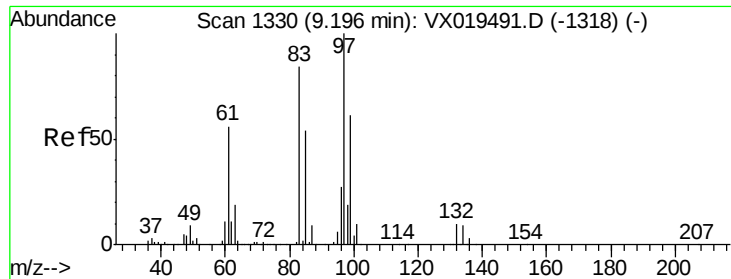
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#54
cis-1,3-Dichloropropene
Concen: 53.148 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	43.2	34.6	51.8





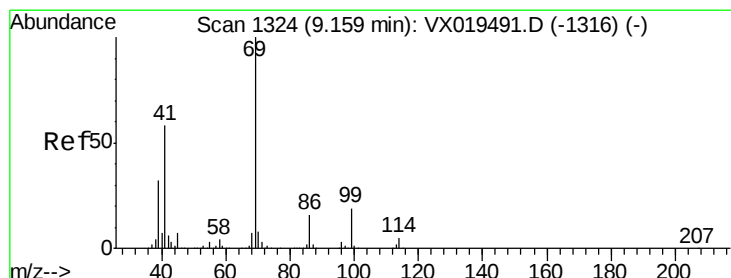
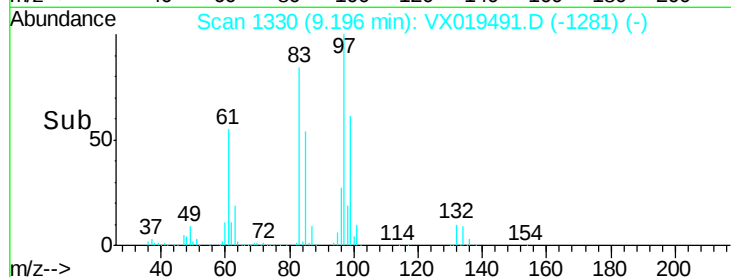
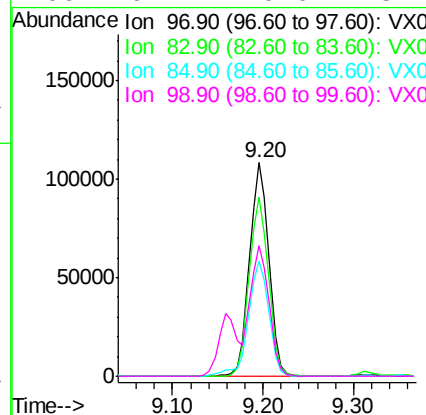
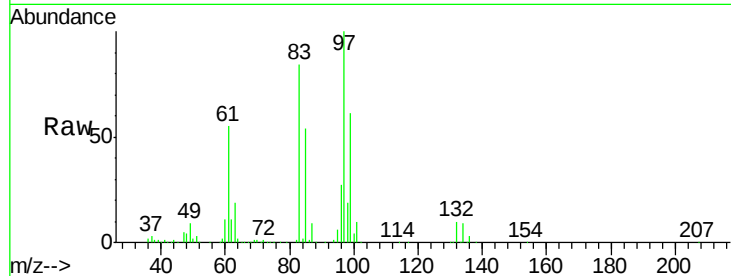
#55
 1,1,2-Trichloroethane
 Concen: 52.367 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		160315		
83	83.8	67.0	100.6		
85	54.2	43.4	65.0		
99	61.2	49.0	73.4		

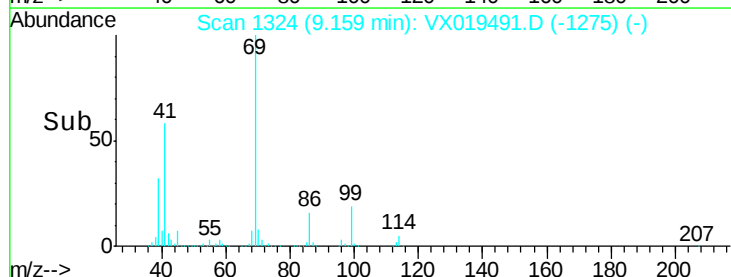
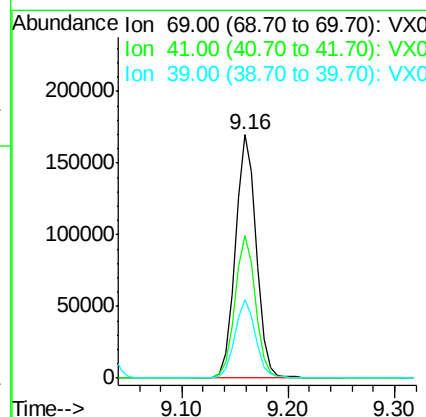
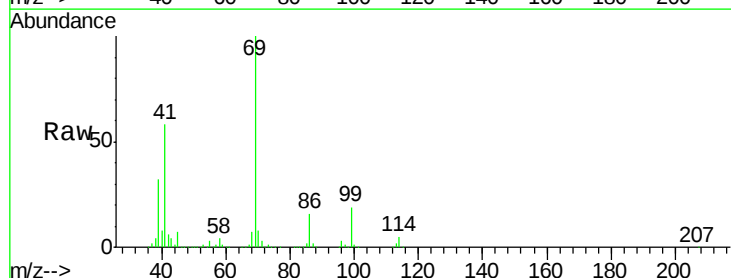
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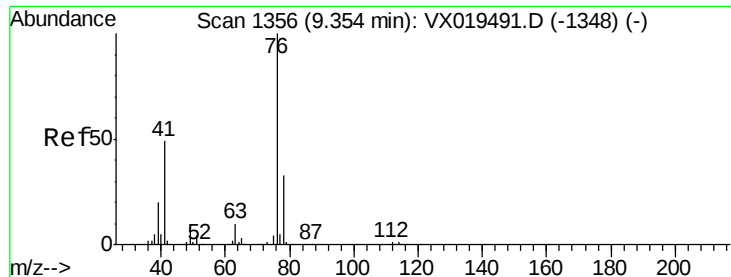
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#56
 Ethyl methacrylate
 Concen: 53.887 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		233434		
41	57.7	46.2	69.2		
39	31.9	25.5	38.3		





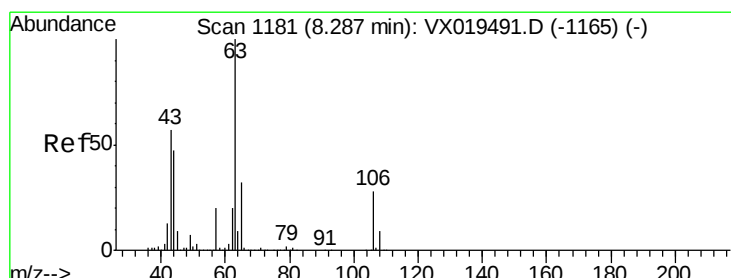
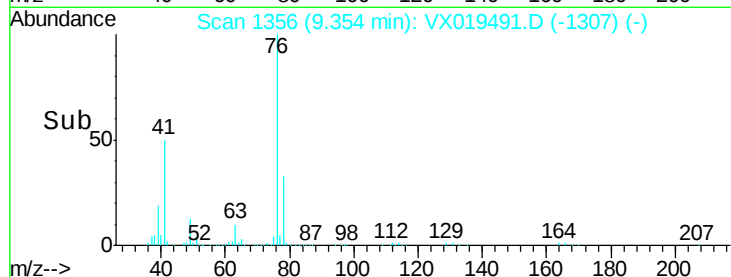
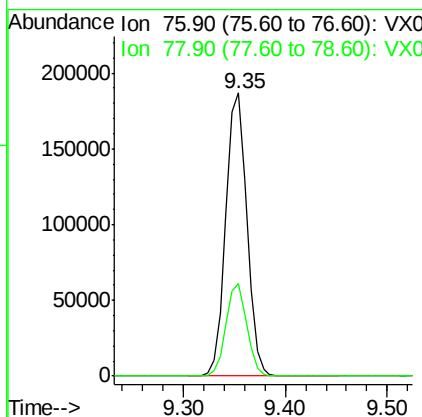
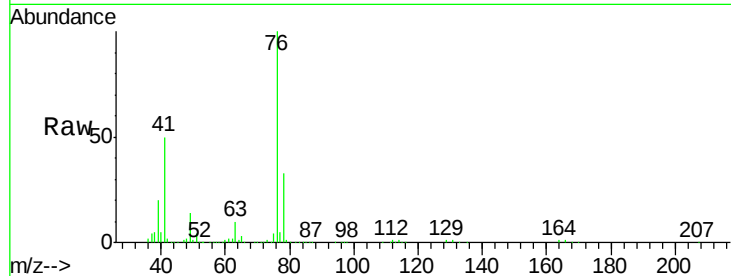
#57
 1,3-Dichloropropane
 Concen: 52.233 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 267716
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

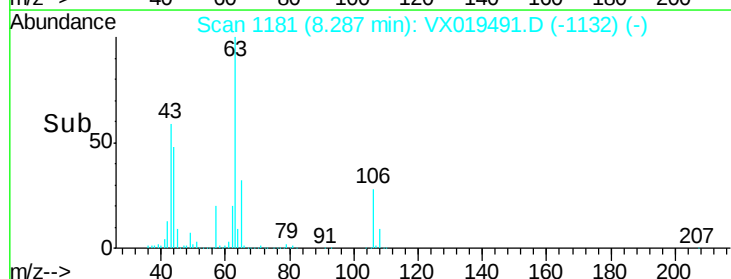
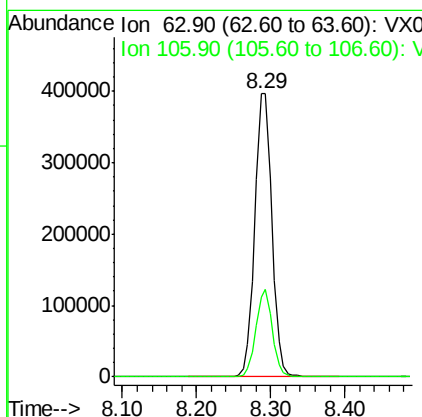
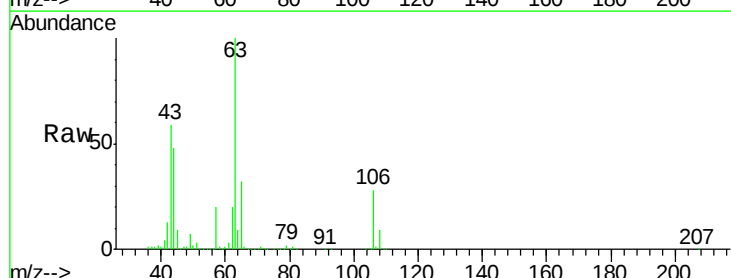
Manual Integrations
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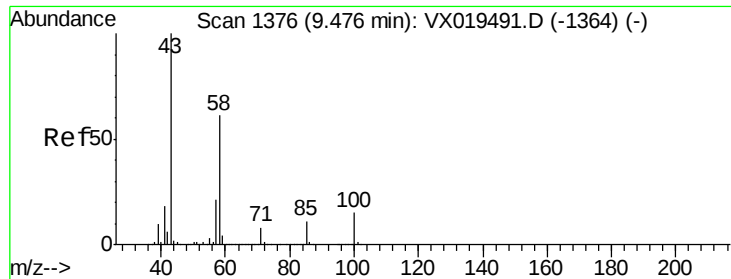
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.882 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion: 63 Resp: 641888
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5





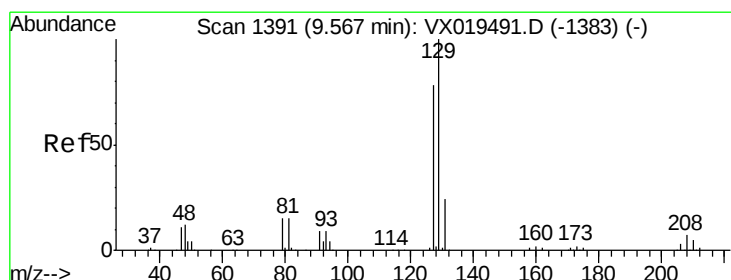
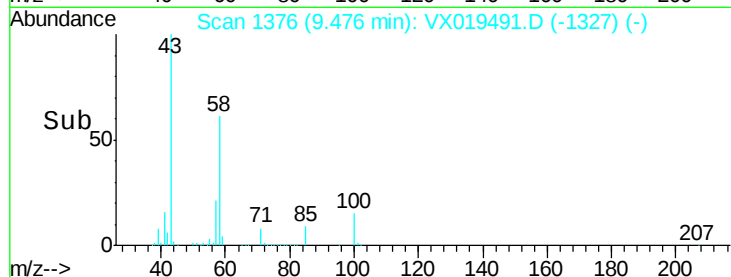
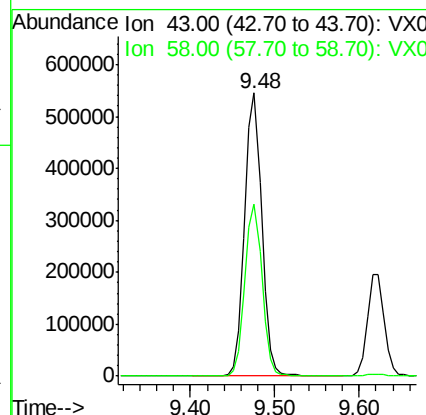
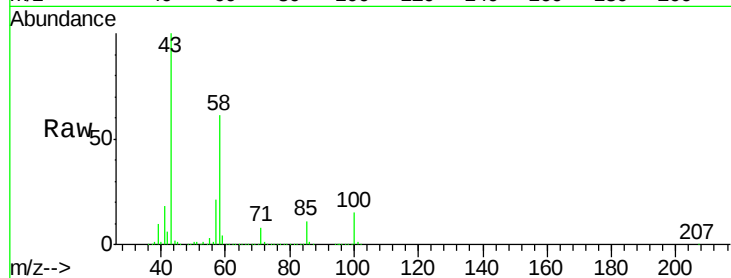
#59
2-Hexanone
Concen: 264.884 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.1	30.6	91.6

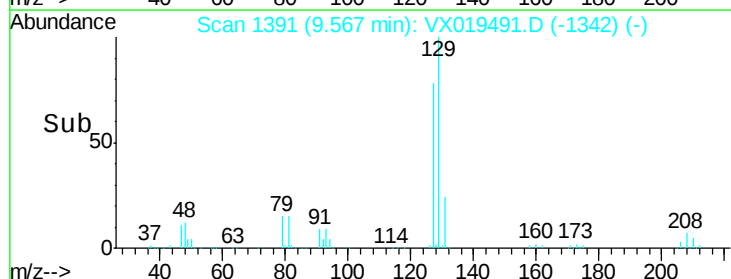
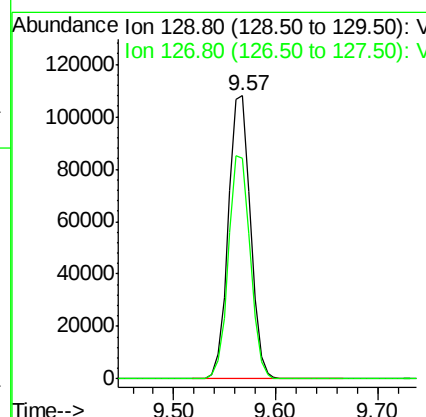
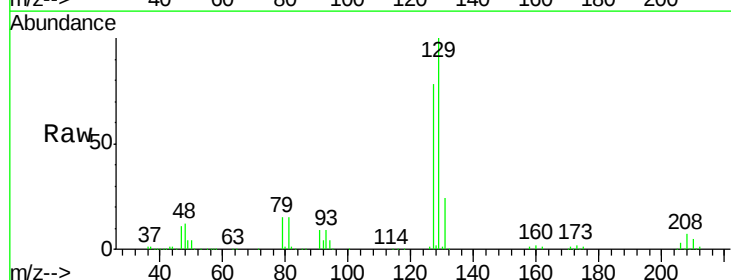
Manual Integrations
APPROVED

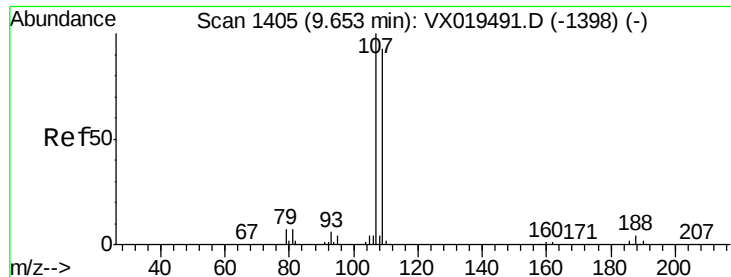
MMDadoda
11/23/2020 3:50:34 PM



#60
Dibromochloromethane
Concen: 54.081 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.0	116.9





#61

1,2-Dibromoethane

Concen: 53.102 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 167571

Ion Ratio Lower Upper

107 100

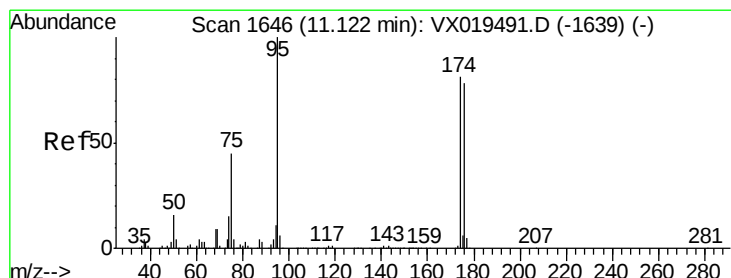
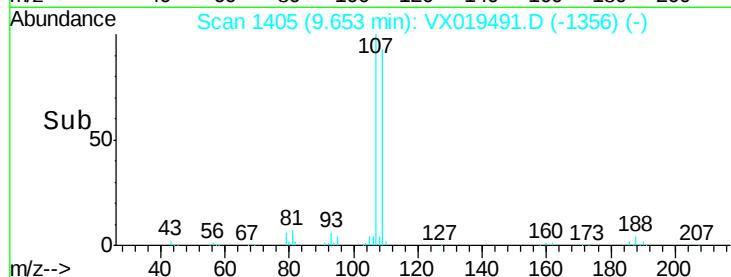
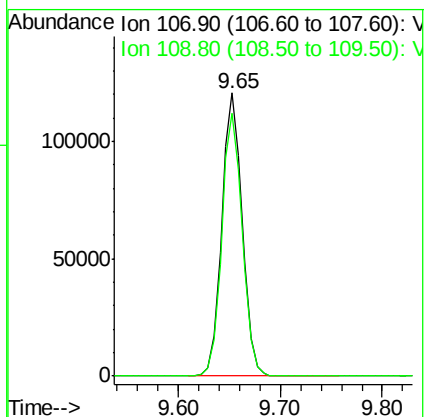
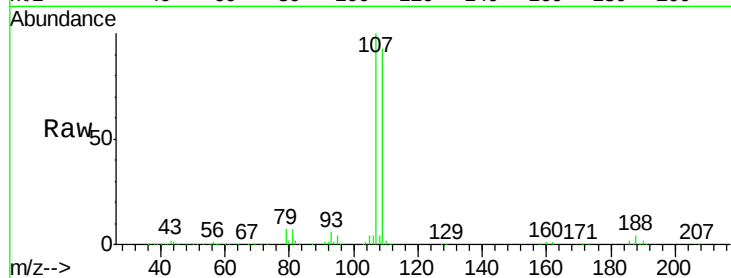
109 93.5 74.8 112.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

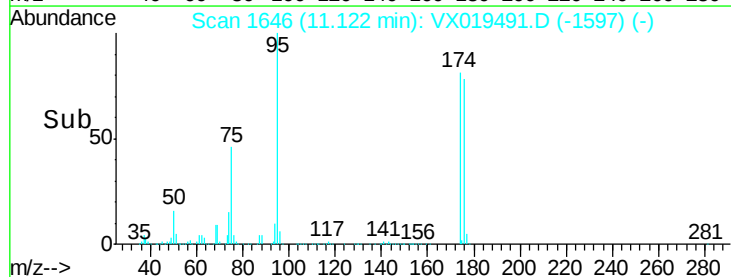
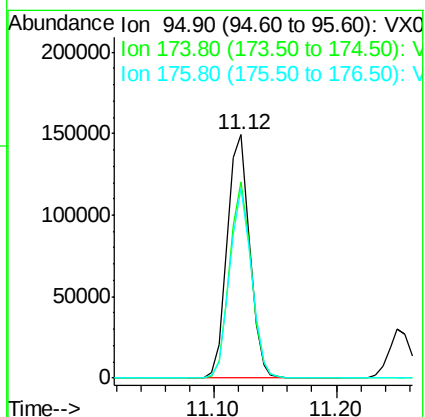
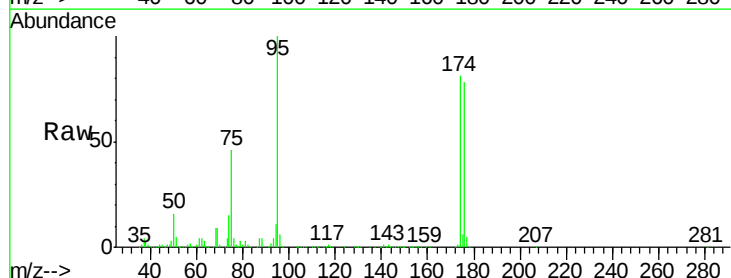
Tgt Ion: 95 Resp: 188584

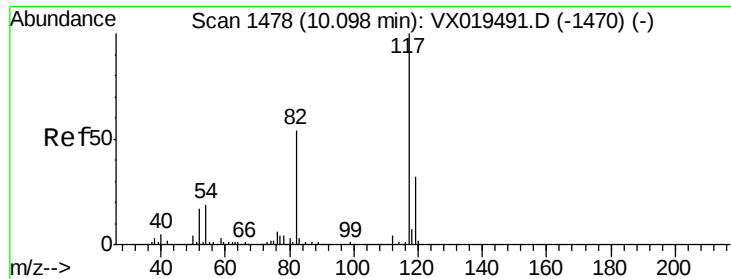
Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.2

176 75.7 0.0 151.4





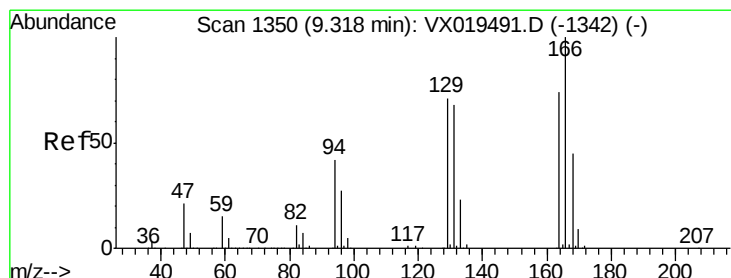
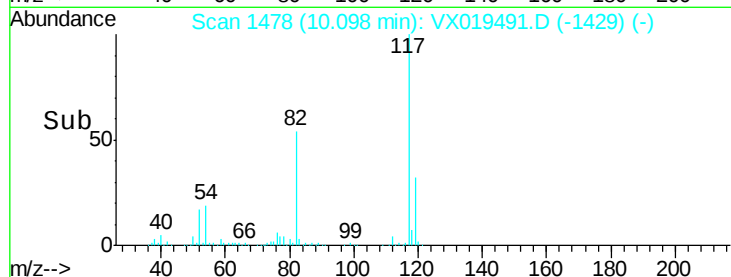
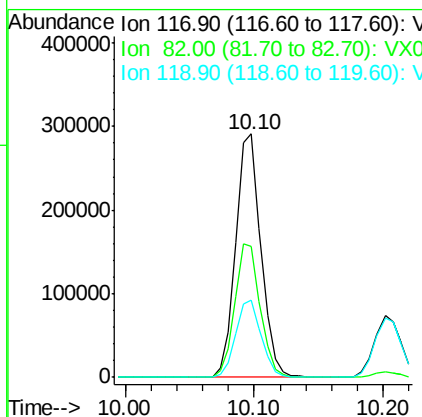
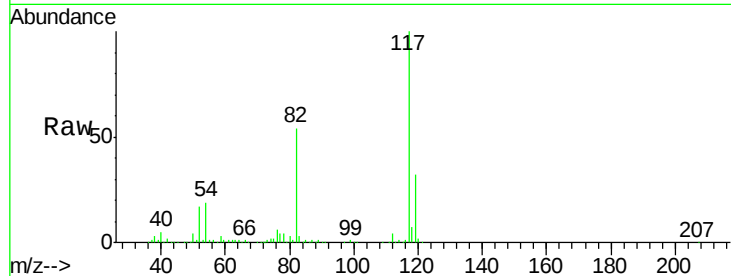
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	397577		
82	53.7		43.0	64.4
119	32.0		25.6	38.4

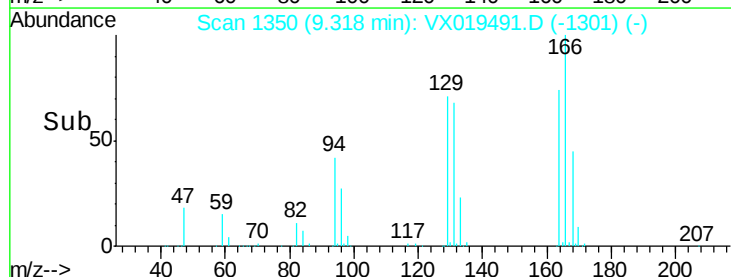
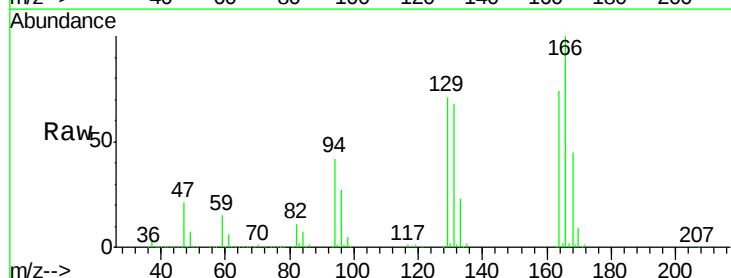
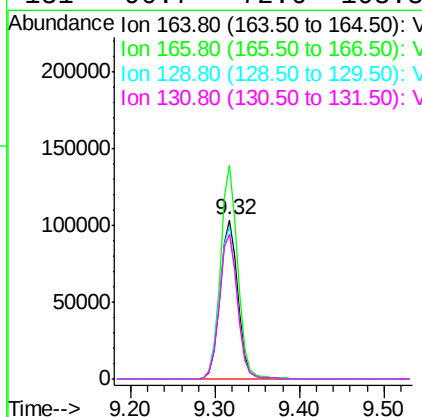
Manual Integrations
APPROVED

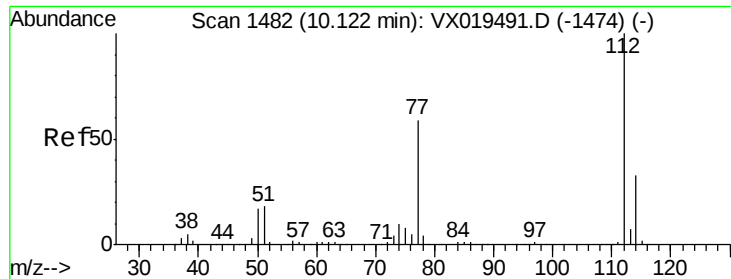
MMDadoda
11/23/2020 3:50:34 PM



#64
Tetrachloroethene
Concen: 48.389 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	151224		
166	134.2		107.4	161.0
129	95.7		76.6	114.8
131	90.7		72.6	108.8





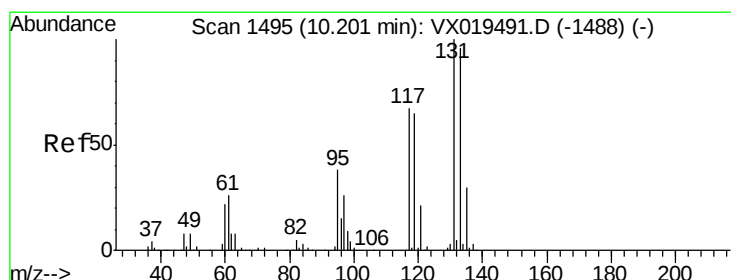
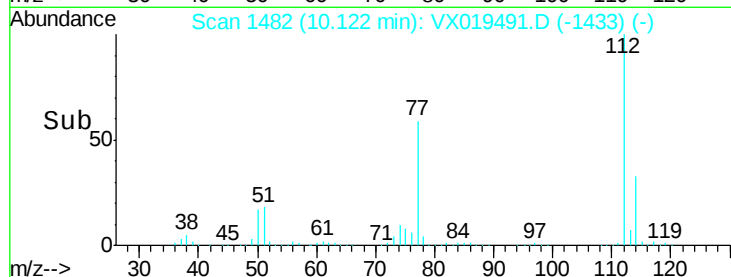
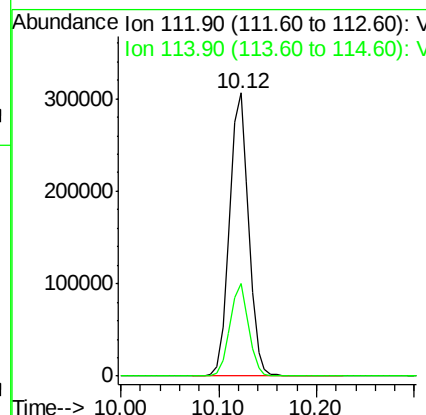
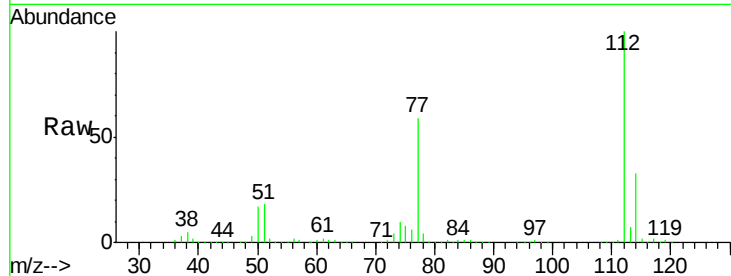
#65
Chlorobenzene
Concen: 50.779 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 415080
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

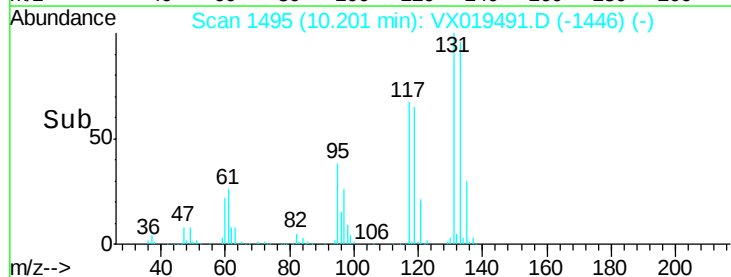
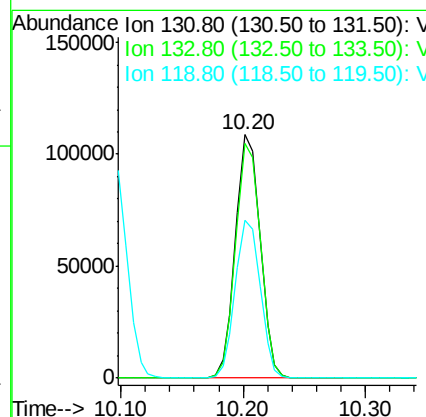
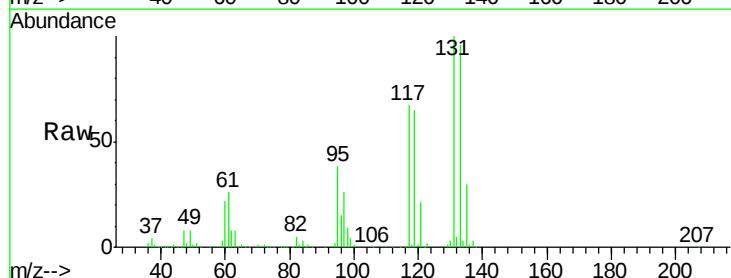
Manual Integrations
APPROVED

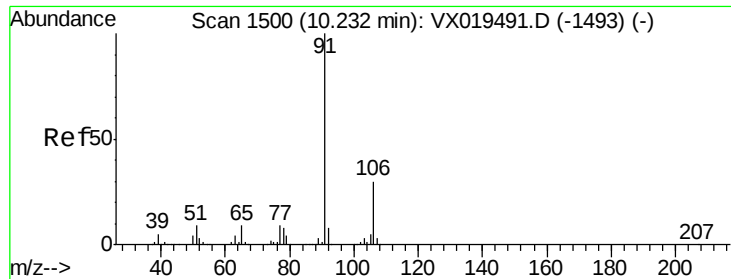
MMDadoda
11/23/2020 3:50:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.227 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion:131 Resp: 152313
Ion Ratio Lower Upper
131 100
133 97.0 48.5 145.5
119 66.0 33.0 99.0





#67

Ethyl Benzene

Concen: 52.213 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 747693

Ion Ratio Lower Upper

91 100

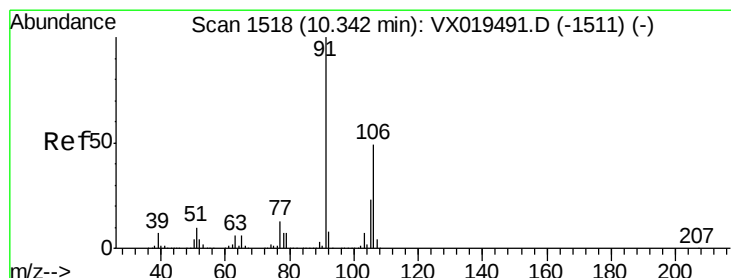
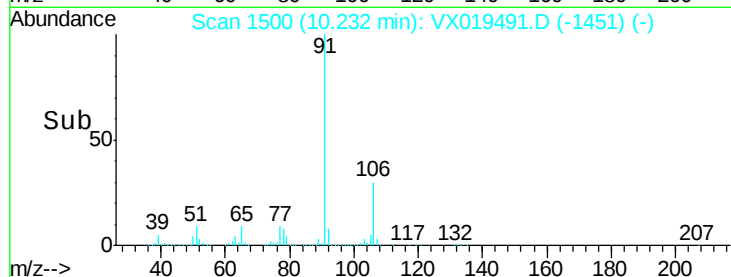
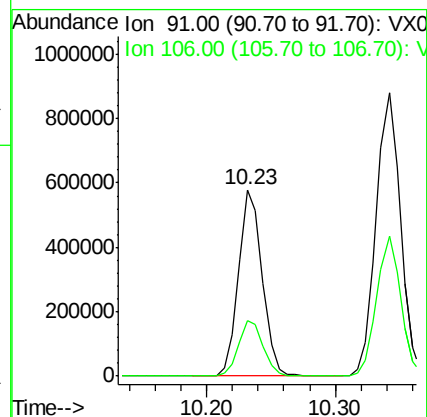
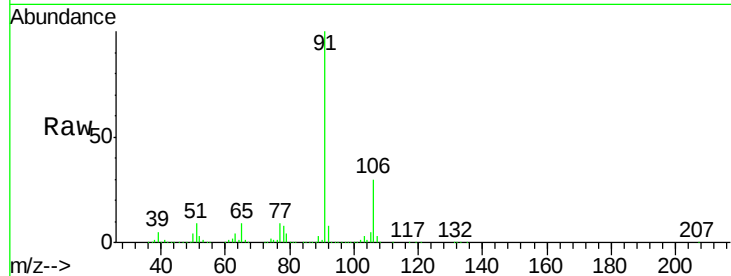
106 30.0 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.275 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019491.D

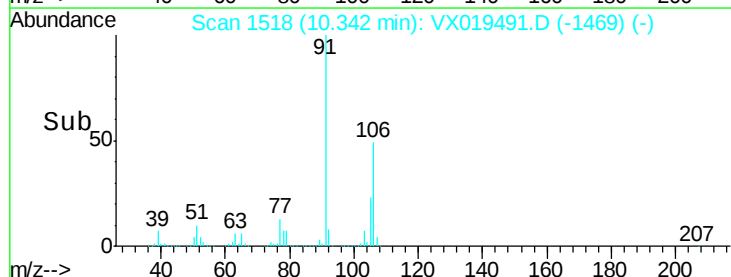
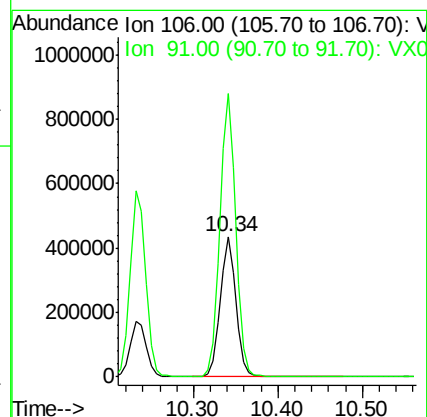
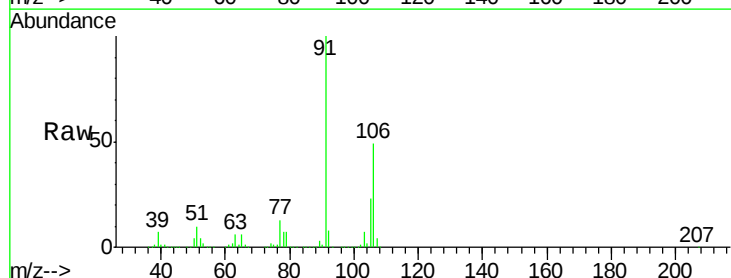
Acq: 20 Nov 2020 10:54

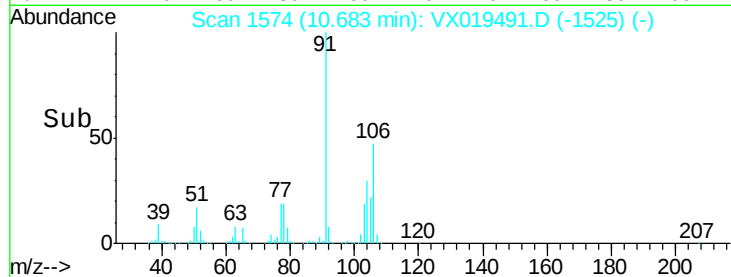
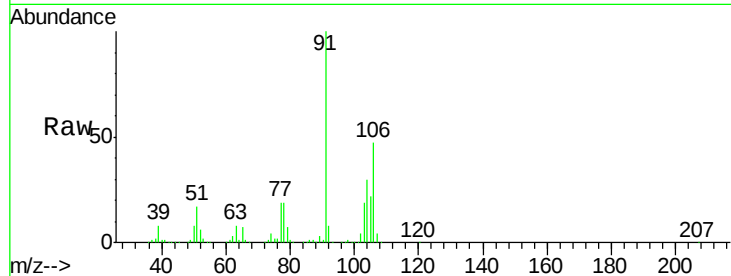
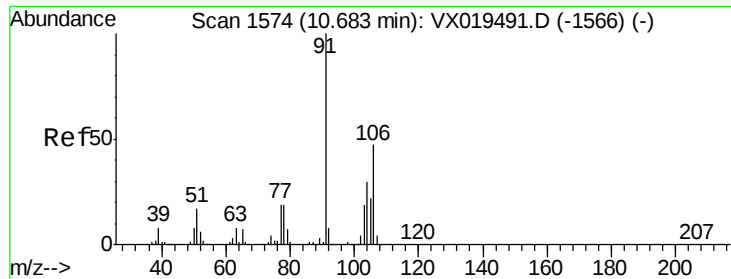
Tgt Ion: 106 Resp: 561653

Ion Ratio Lower Upper

106 100

91 204.1 163.3 244.9





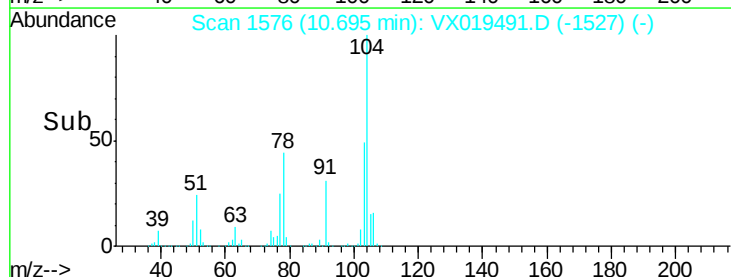
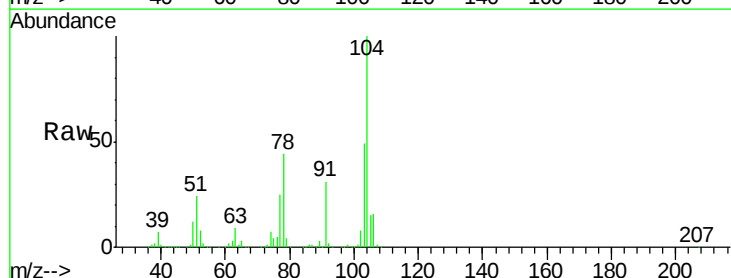
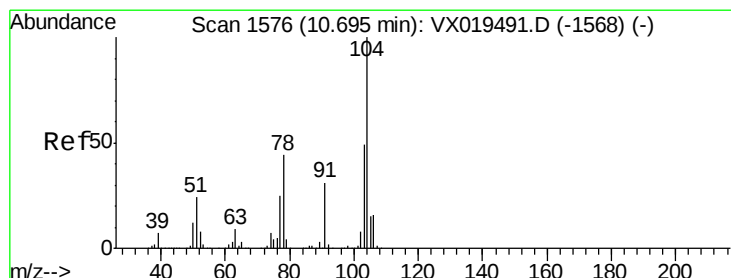
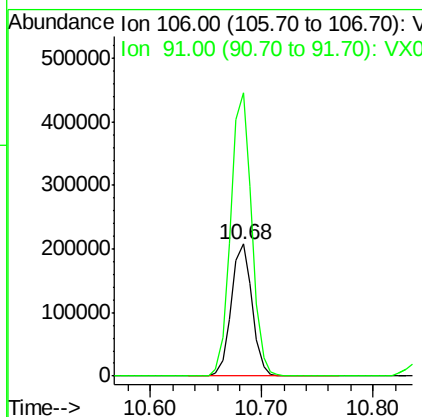
#69
o-Xylene
Concen: 52.645 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tot Ion:106 Resp: 268490
Ion Ratio Lower Upper
106 100
91 216.0 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

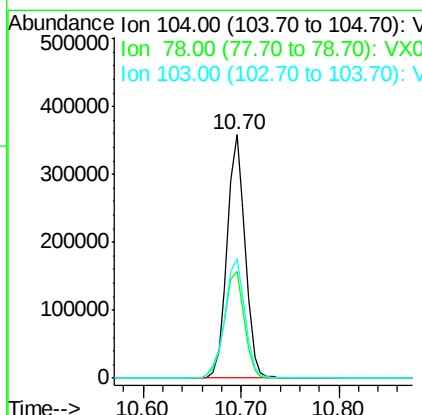
Manual Integrations
APPROVED

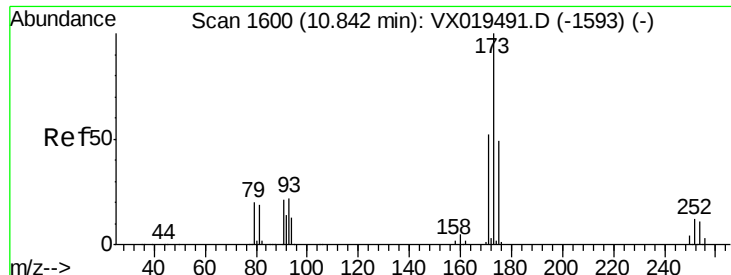
MMDadoda
11/23/2020 3:50:34 PM



#70
Styrene
Concen: 54.206 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion:104 Resp: 458896
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.5 43.6 65.4





#71

Bromoform

Concen: 52.084 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

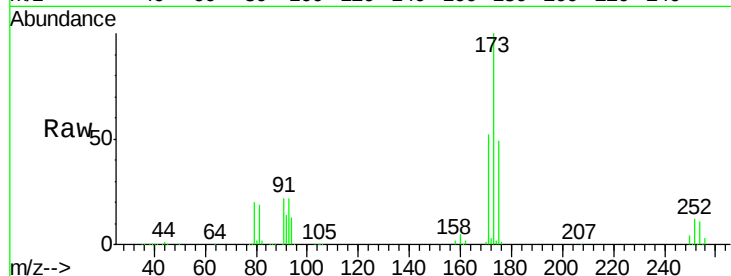
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.9	74.8
254	0.1	0.1	0.1#

Manual Integrations
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11/23/2020 3:50:34 PM

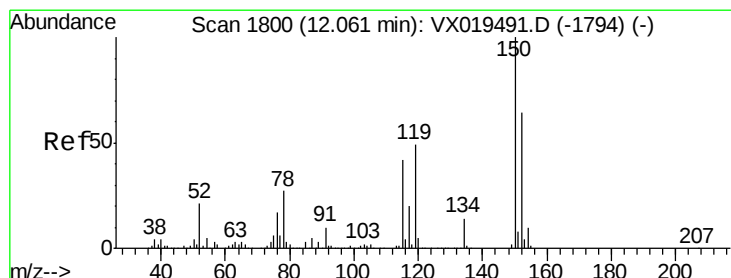
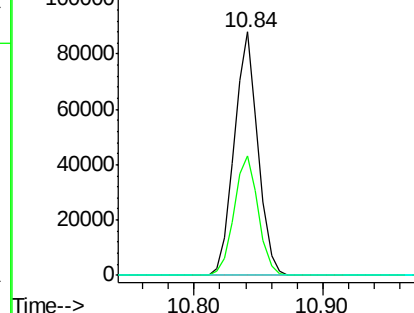
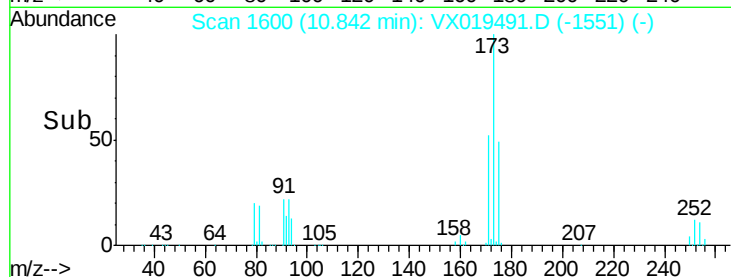


Abundance

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

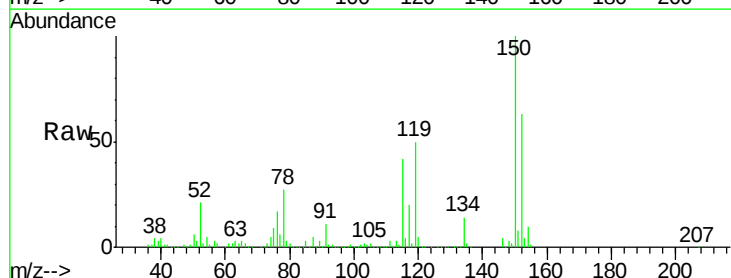
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.6	41.8	125.4
150	174.1	0.0	348.2

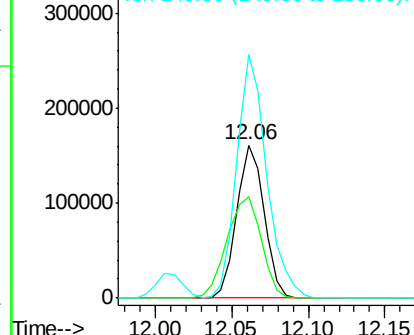
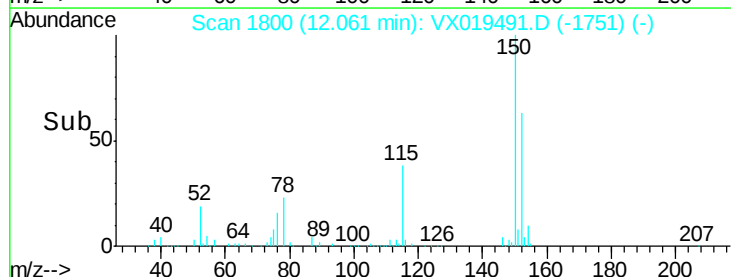


Abundance

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: 52.010 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 719325

Ion Ratio Lower Upper

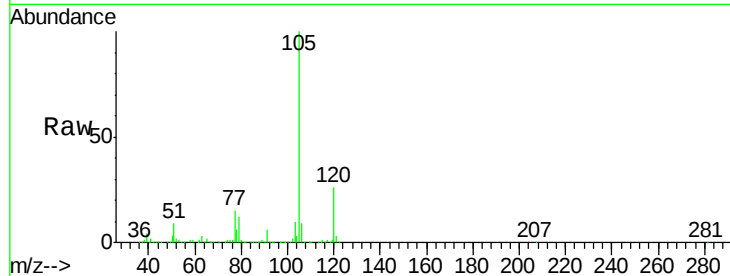
105 100

120 26.0 13.0 39.0

Manual Integrations
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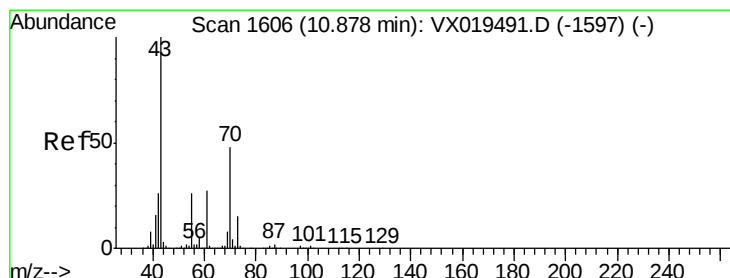
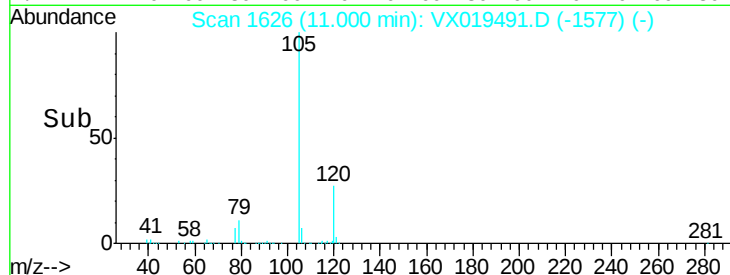
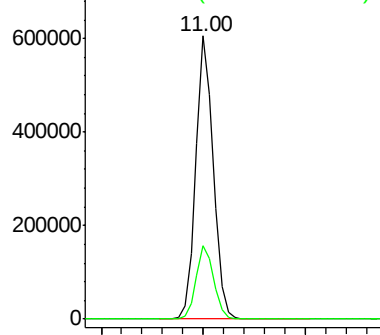
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11/23/2020 3:50:34 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.979 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion: 43 Resp: 269381

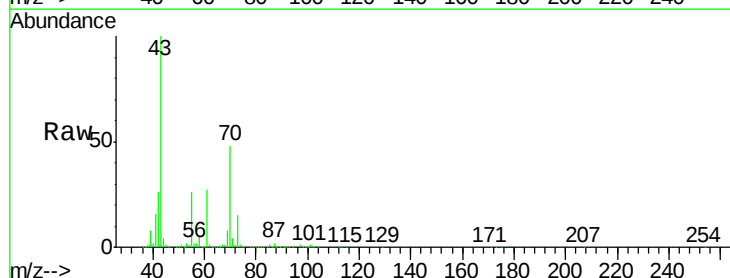
Ion Ratio Lower Upper

43 100

70 49.6 39.7 59.5

55 27.2 21.8 32.6

61 27.8 22.2 33.4

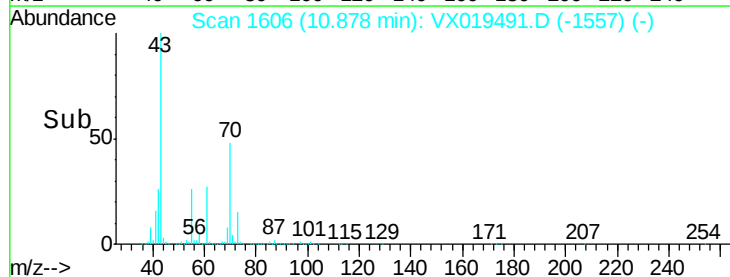
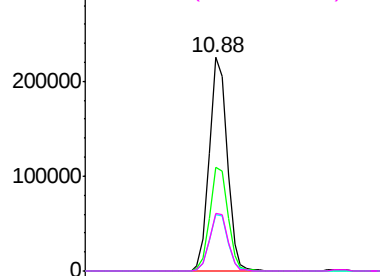


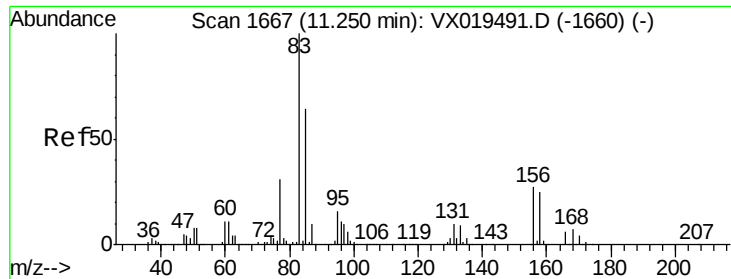
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





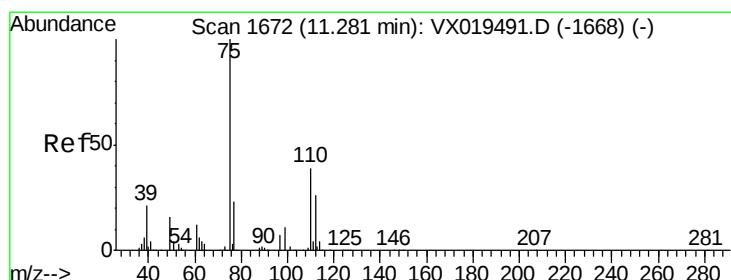
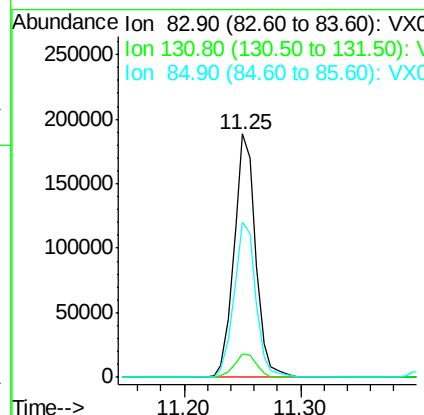
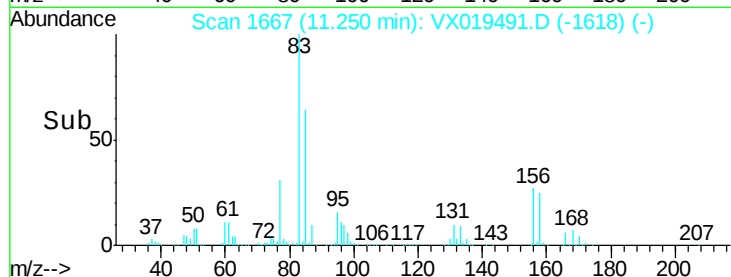
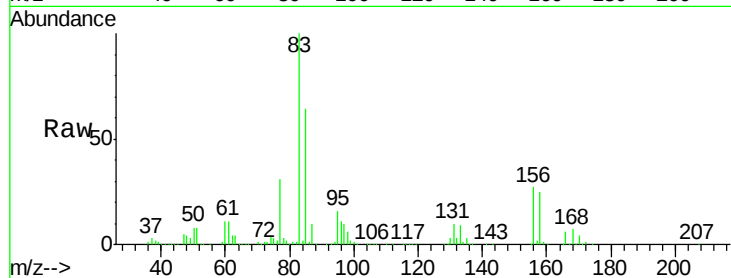
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.052 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	64.8	32.4	97.2

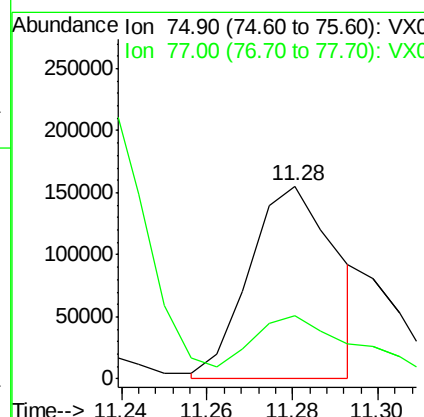
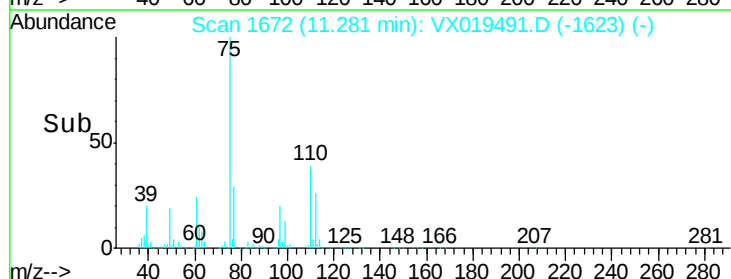
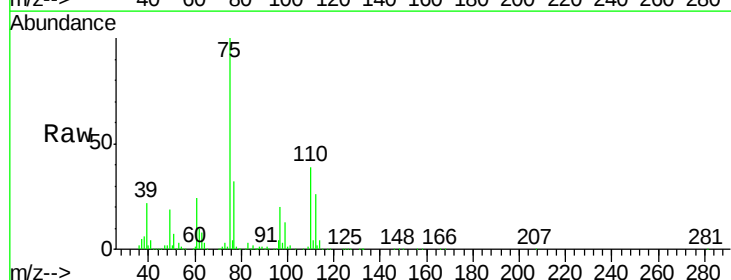
Manual Integrations
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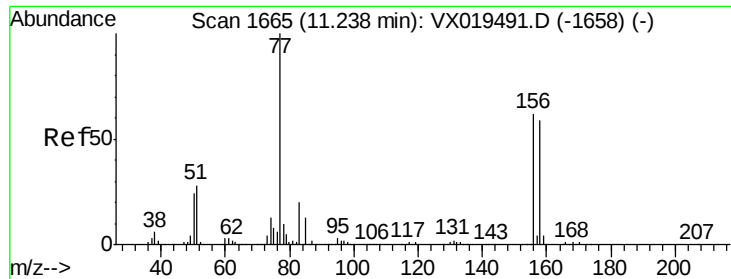
MMDadoda
 11/23/2020 3:50:34 PM



#76
 1,2,3-Trichloropropane
 Concen: 50.117 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.0	20.0	60.0





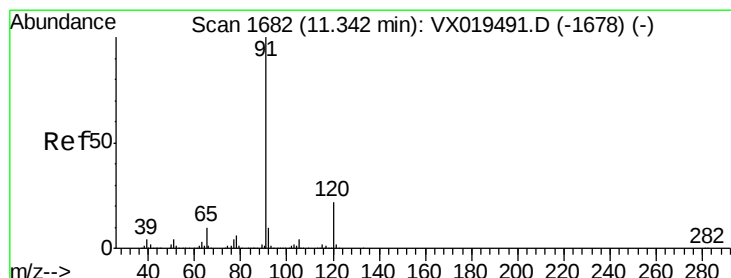
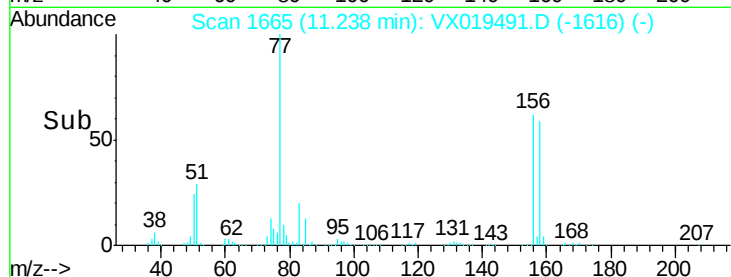
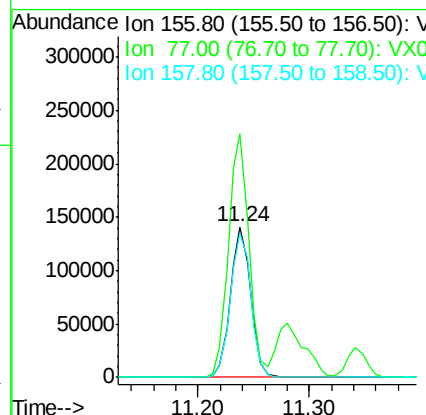
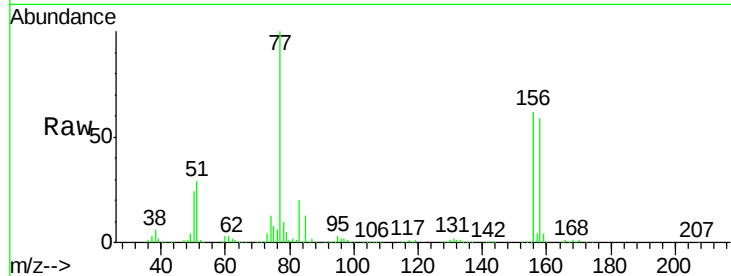
#77
Bromobenzene
Concen: 49.792 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.9	82.5	247.3
158	97.8	48.9	146.7

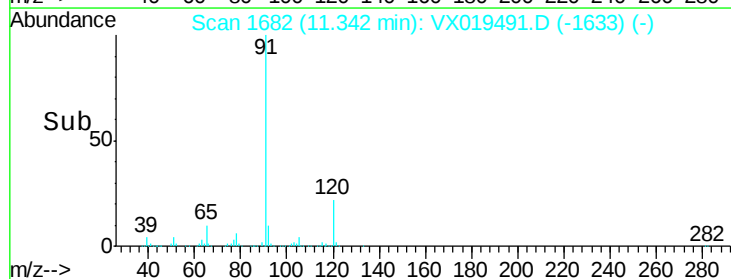
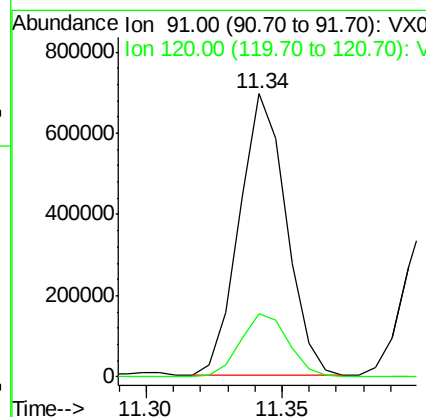
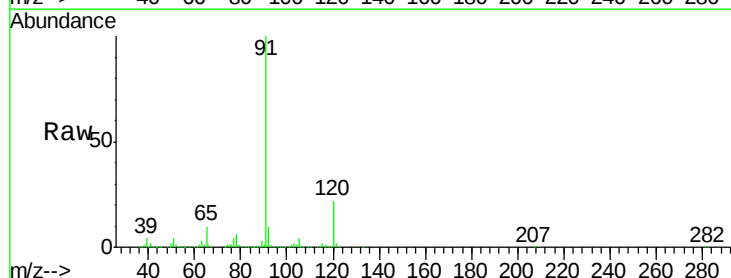
Manual Integrations
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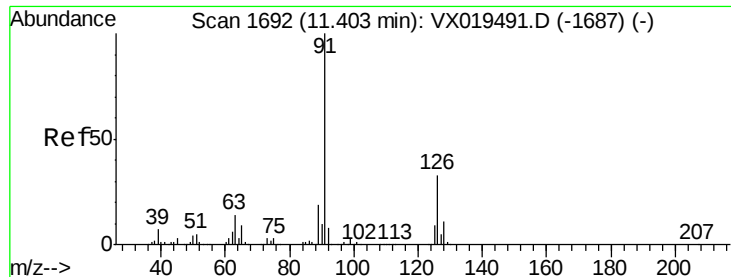
MMDadoda
11/23/2020 3:50:34 PM



#78
n-propylbenzene
Concen: 52.206 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 51.159 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 492259

Ion Ratio Lower Upper

91 100

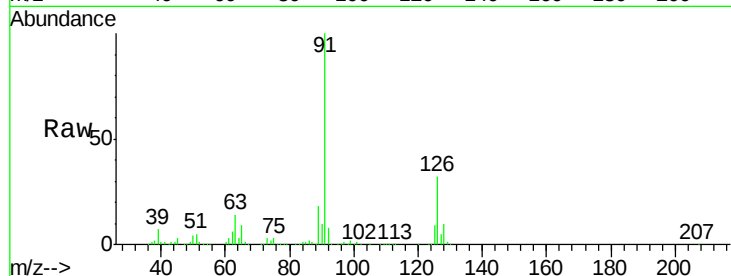
126 33.3 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)

800000

600000

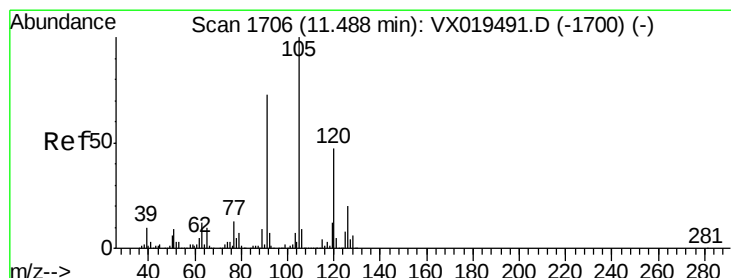
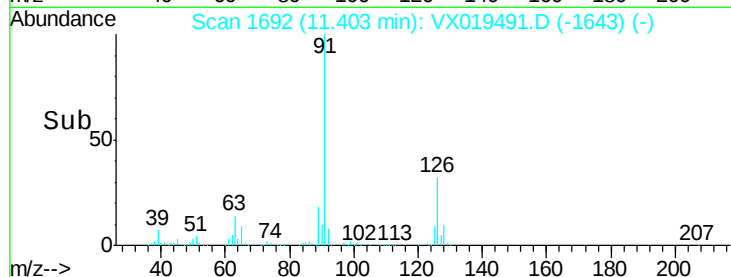
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.984 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019491.D

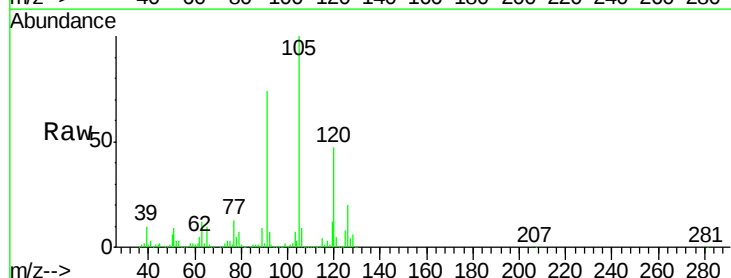
Acq: 20 Nov 2020 10:54

Tgt Ion: 105 Resp: 614723

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)

500000

400000

300000

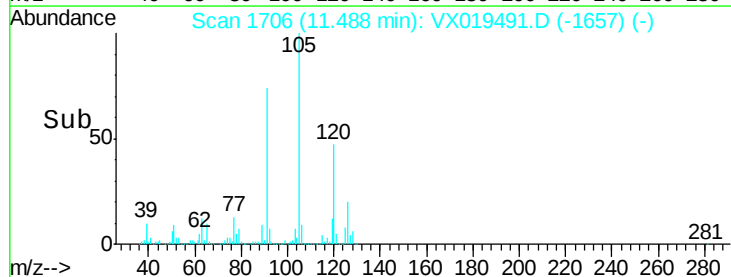
200000

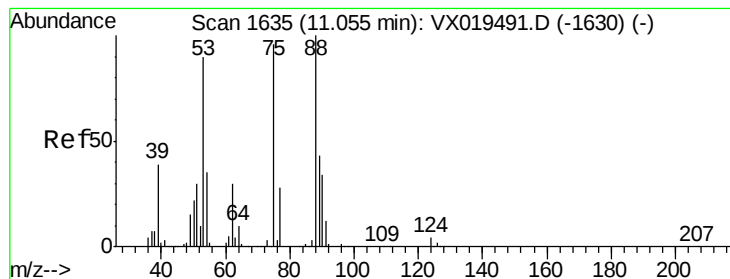
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.620 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA_X

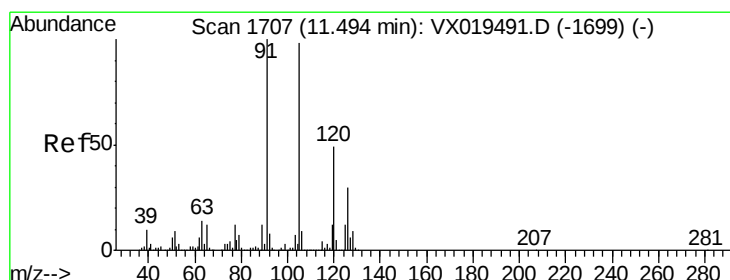
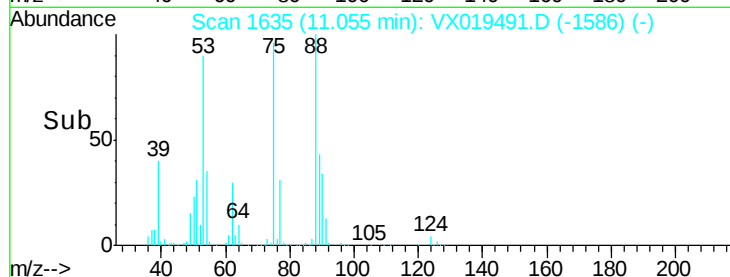
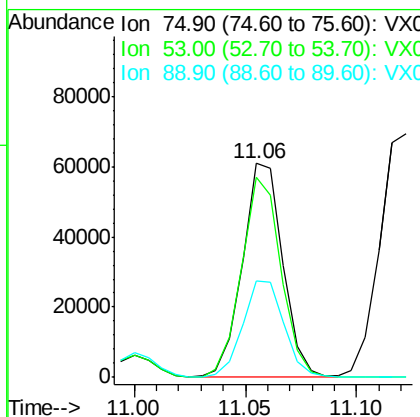
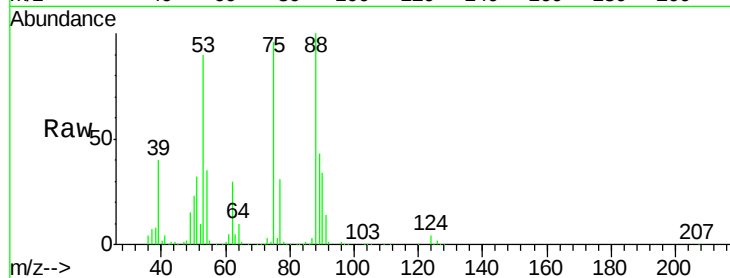
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	76564
Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.9	110.9
89	46.6	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.433 ug/l

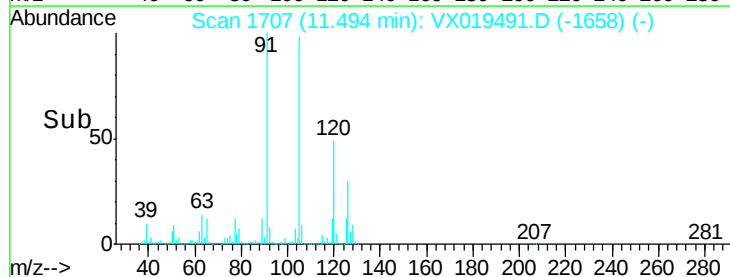
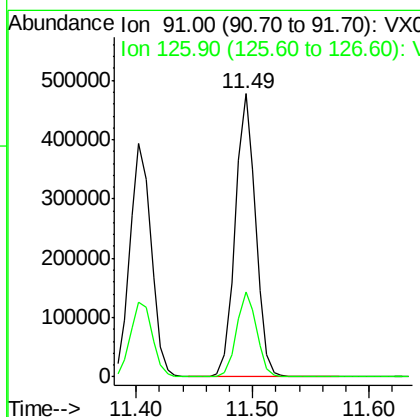
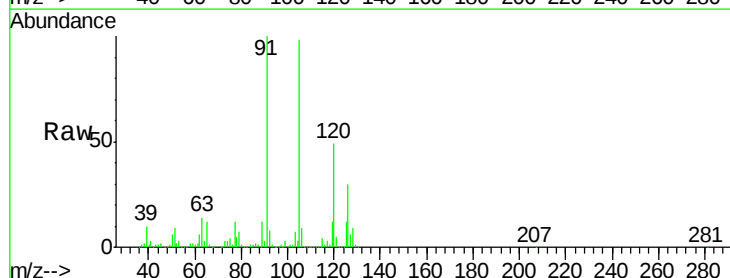
RT: 11.49 min Scan# 1707

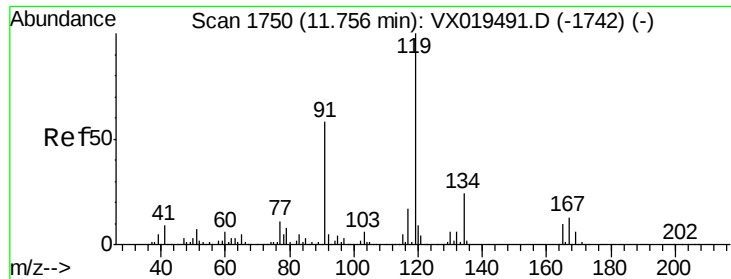
Delta R.T. 0.00 min

Lab File: VX019491.D

Acq: 20 Nov 2020 10:54

Tgt Ion:	91	Resp:	582594
Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.7





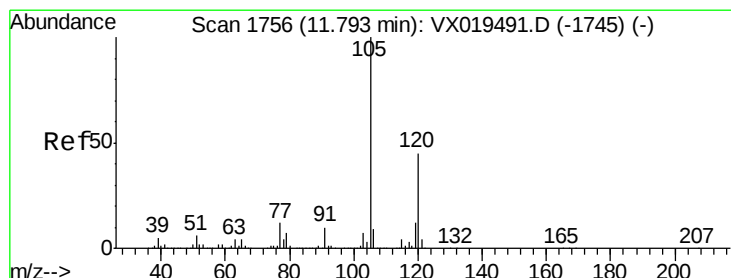
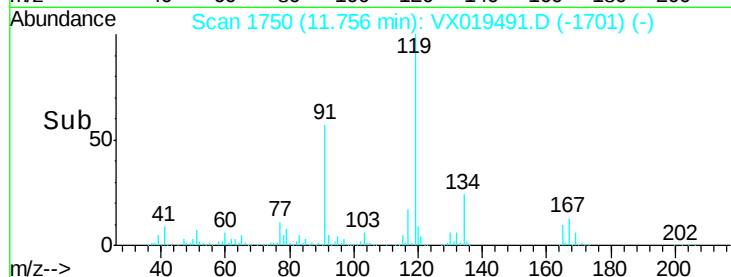
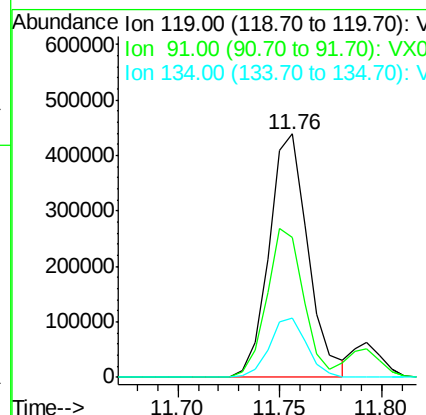
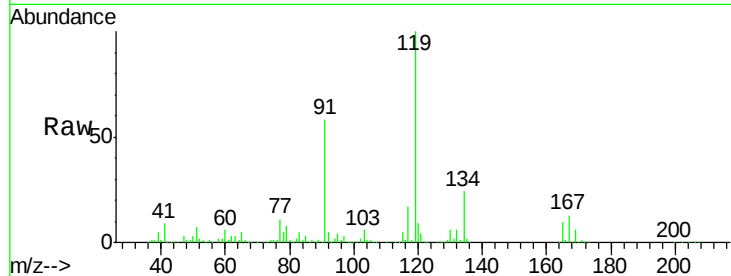
#83
tert-Butylbenzene
Concen: 51.985 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.9	86.8
134	23.3	11.7	35.0

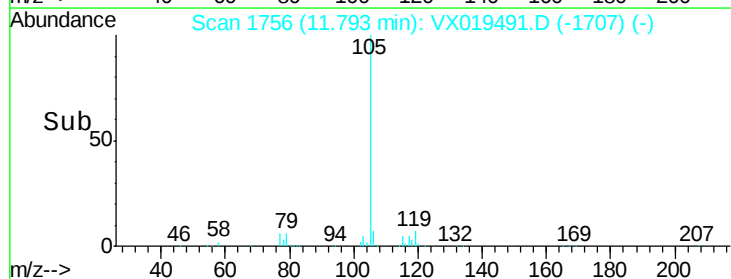
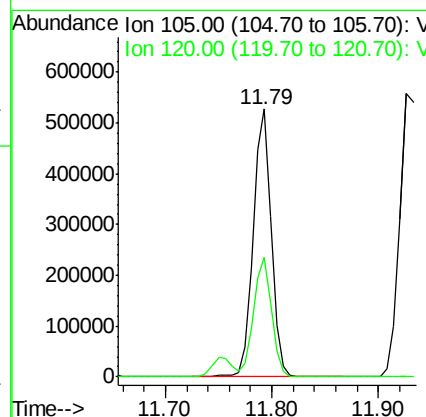
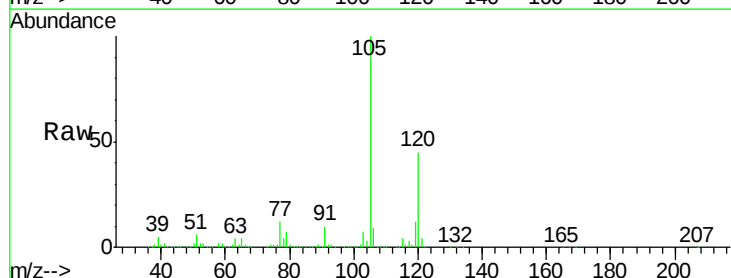
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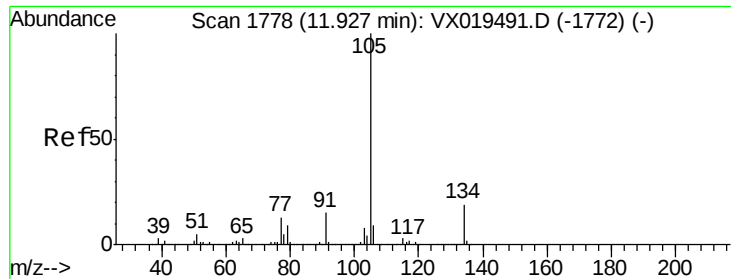
MMDadoda
11/23/2020 3:50:34 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.300 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.2	66.6





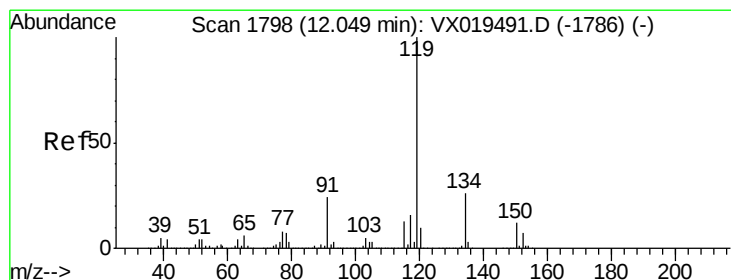
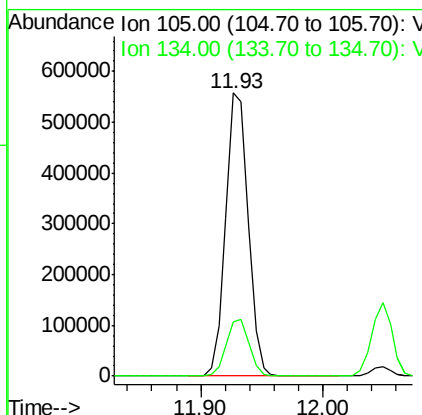
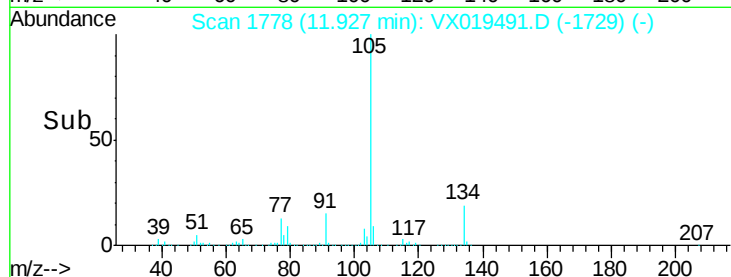
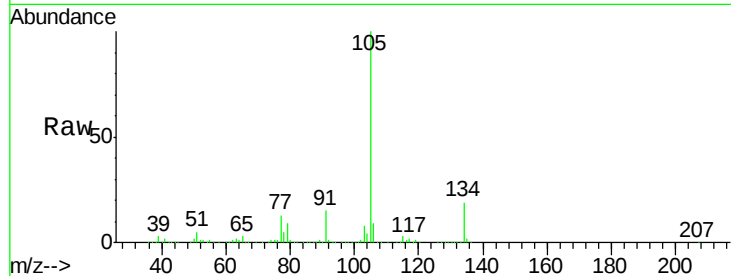
#85
 sec-Butylbenzene
 Concen: 52.923 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

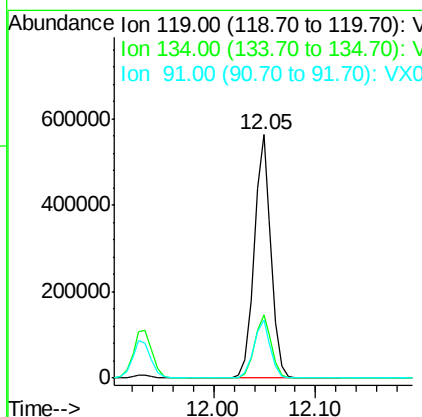
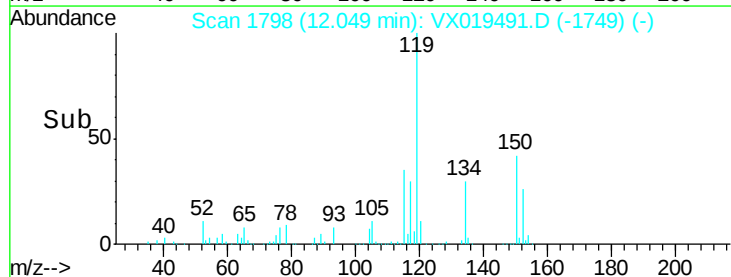
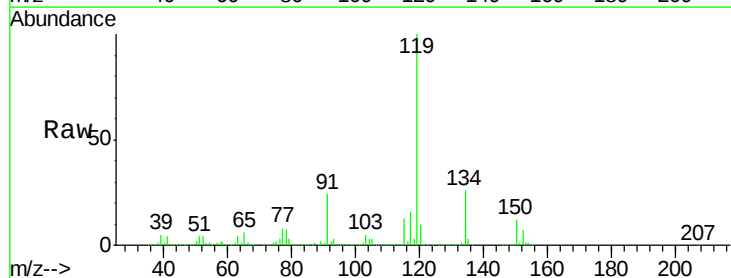
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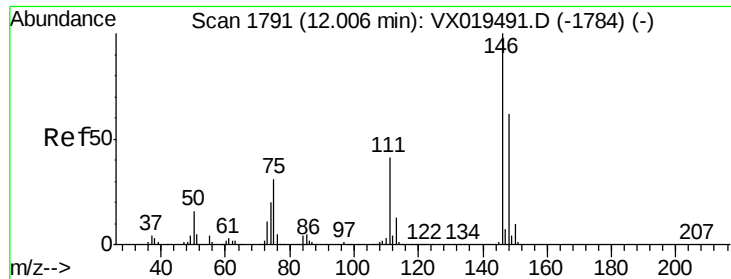
MMDadoda
 11/23/2020 3:50:34 PM



#86
 p-Isopropyltoluene
 Concen: 53.112 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	23.6	11.8	35.4





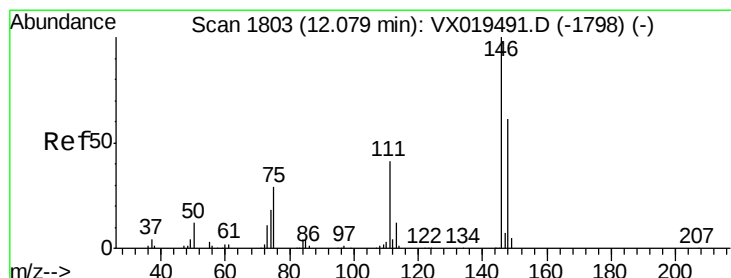
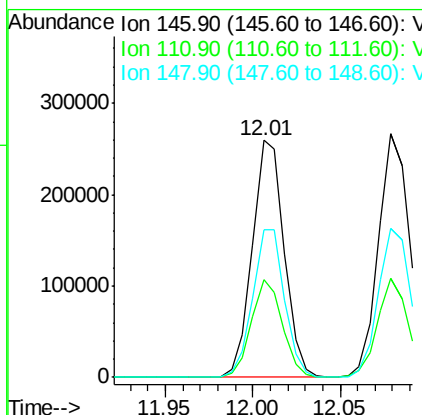
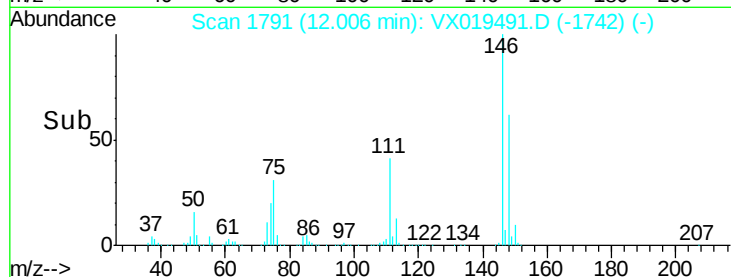
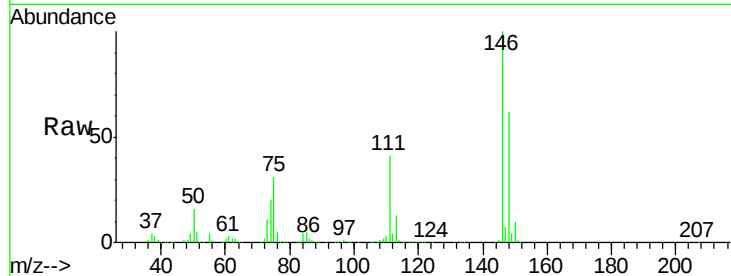
#87
 1,3-Dichlorobenzene
 Concen: 50.538 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	62.8	31.4	94.2

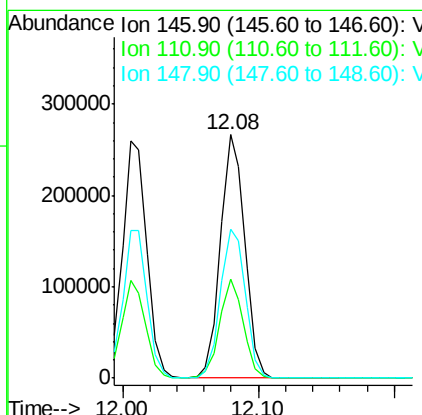
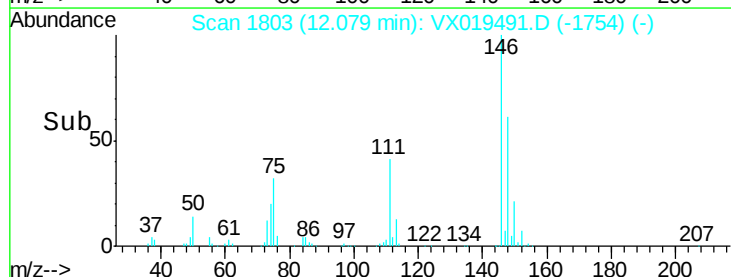
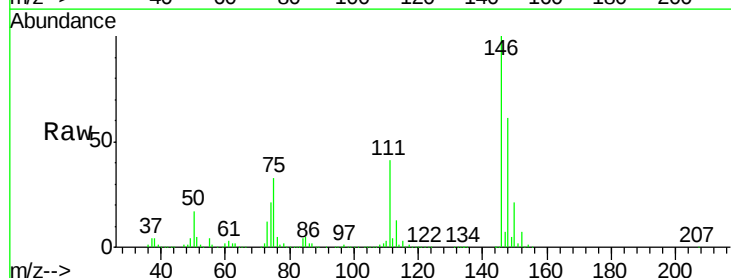
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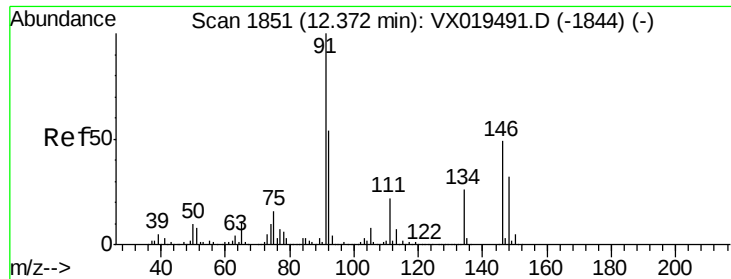
MMDadoda
 11/23/2020 3:50:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.282 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	63.4	31.7	95.1





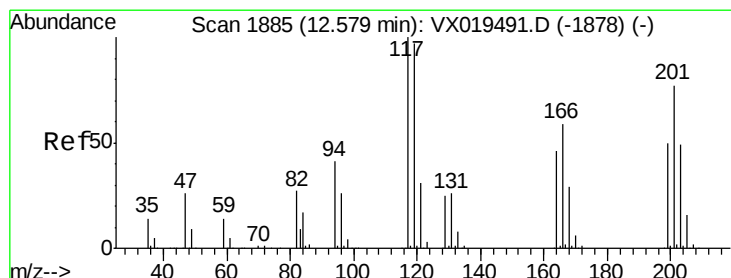
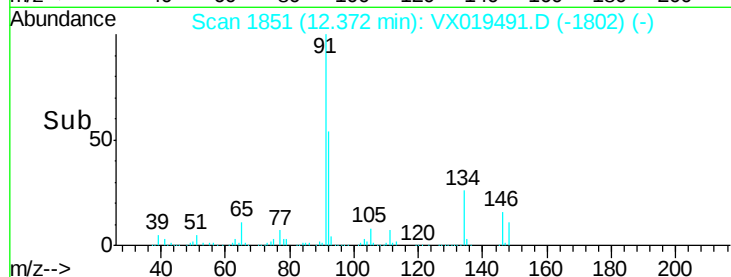
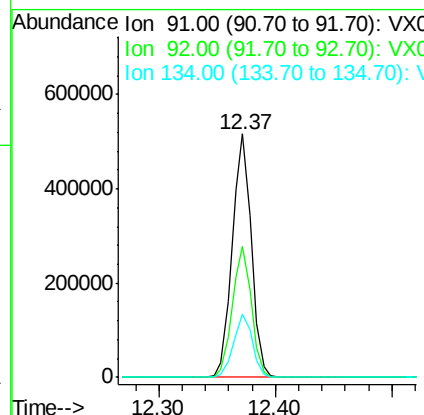
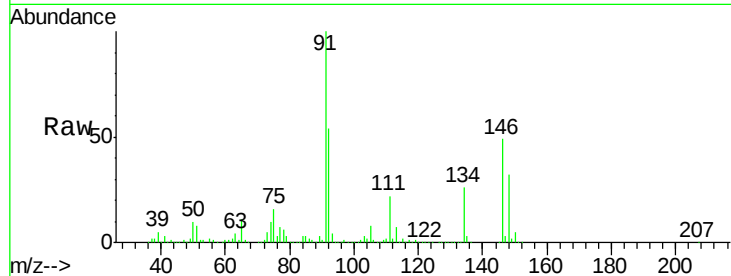
#89
n-Butylbenzene
Concen: 53.346 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	584694		
92	53.7	26.9	80.6	
134	25.7	12.9	38.6	

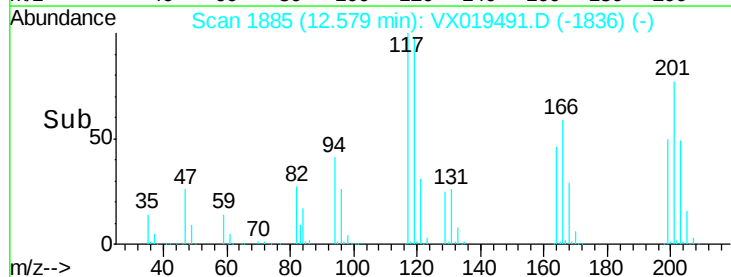
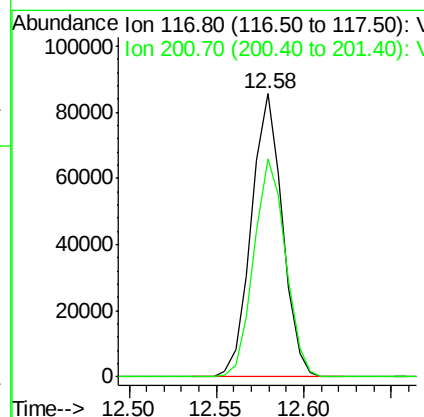
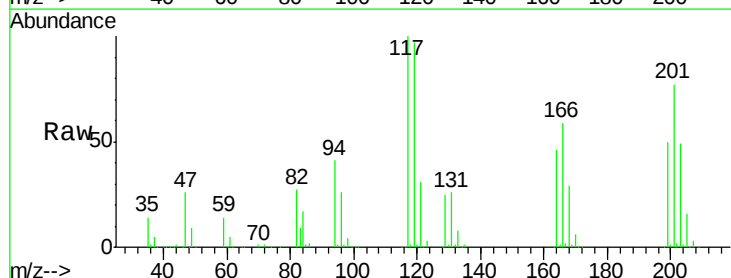
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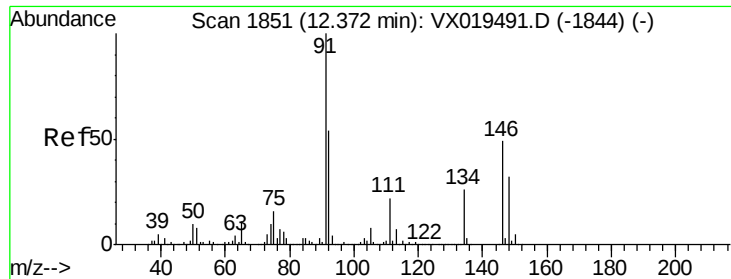
MMDadoda
11/23/2020 3:50:34 PM



#90
Hexachloroethane
Concen: 51.999 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105491		
201	78.8	39.4	118.2	





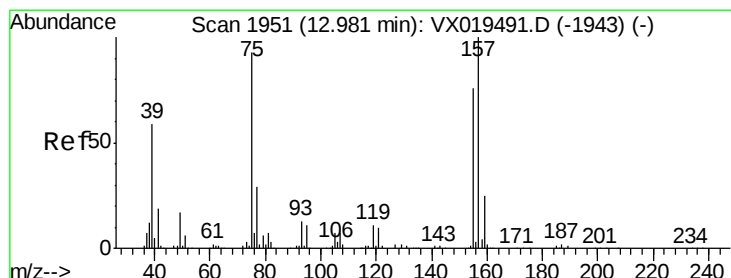
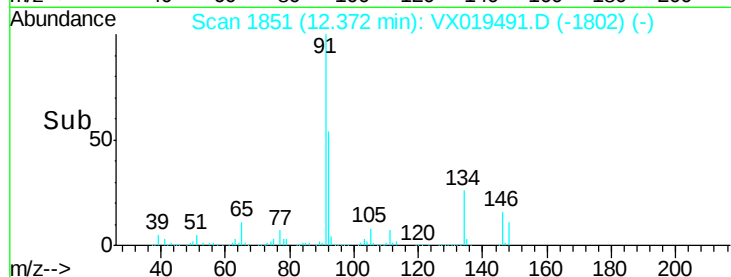
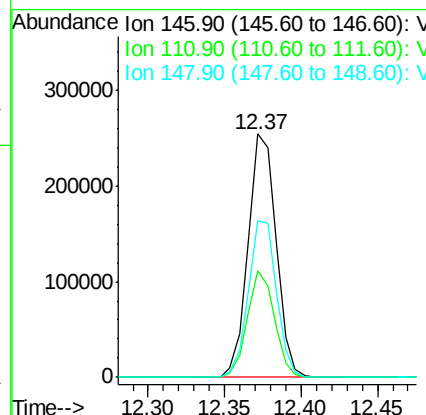
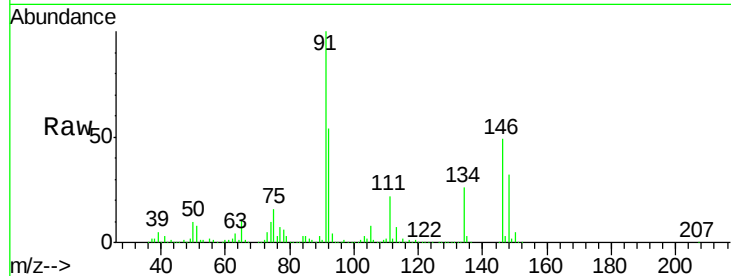
#91
 1,2-Dichlorobenzene
 Concen: 49.768 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	64.7	32.4	97.0

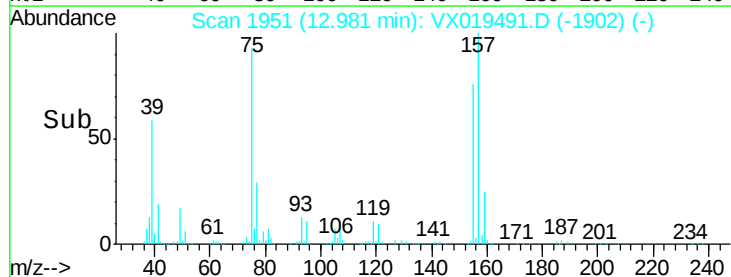
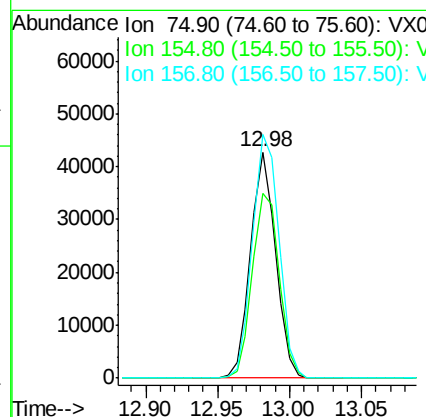
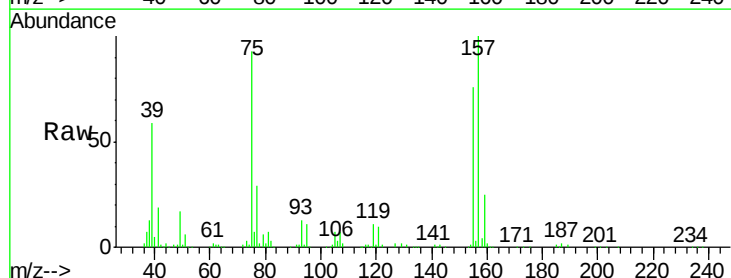
Manual Integrations
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 11/23/2020 3:50:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.009 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	43.6	130.9
157	113.9	57.0	170.8





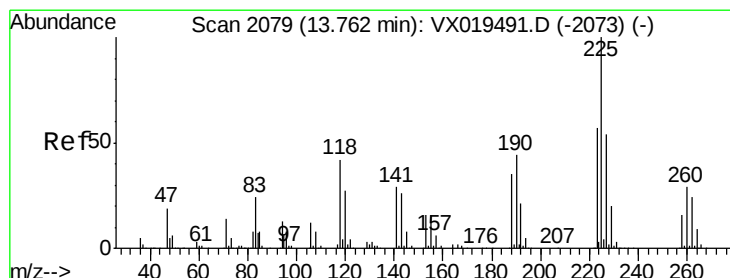
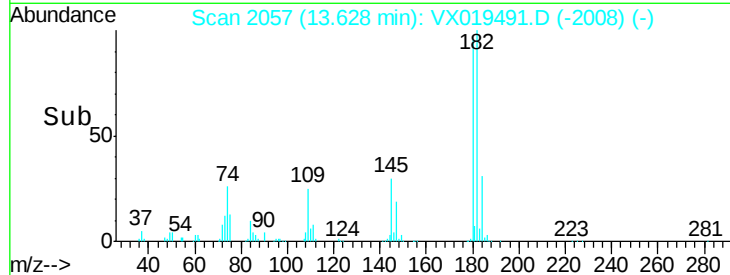
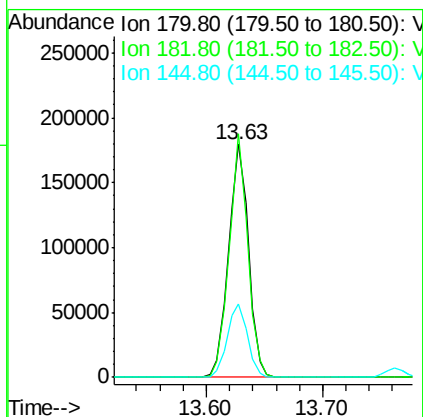
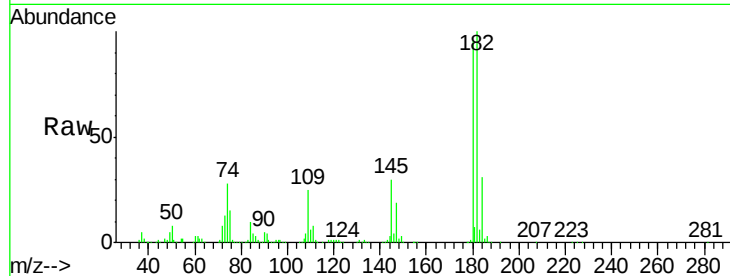
#93
 1,2,4-Trichlorobenzene
 Concen: 51.195 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.3	48.6	145.9	
145	31.8	15.9	47.7	

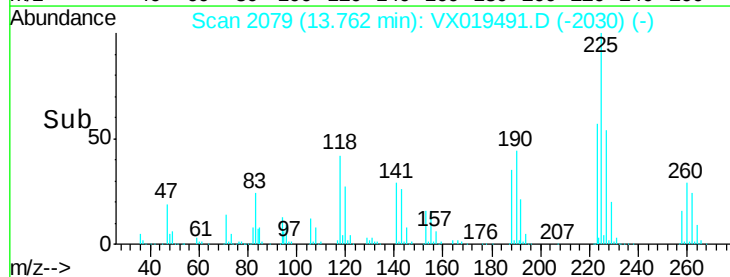
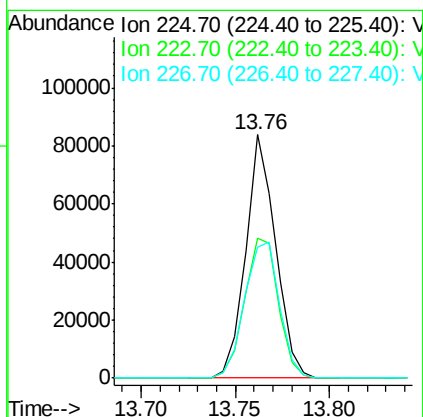
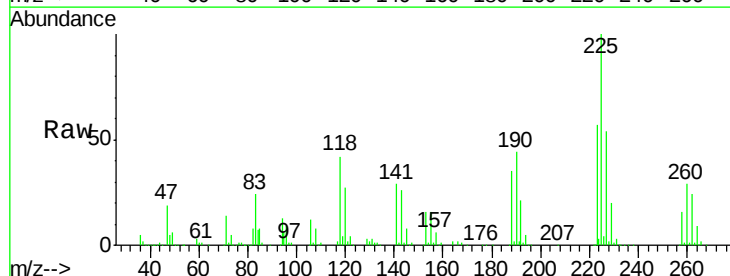
Manual Integrations
 APPROVED

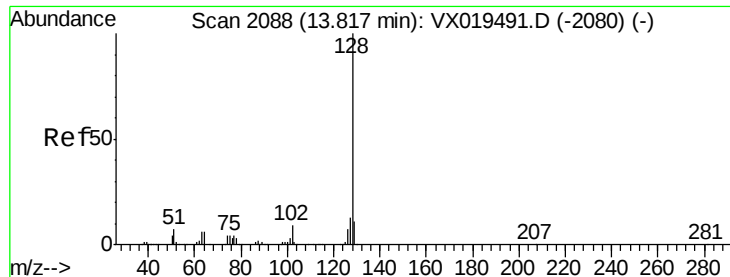
MMDadoda
 11/23/2020 3:50:34 PM



#94
 Hexachlorobutadiene
 Concen: 48.394 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019491.D
 Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	32.5	97.5	
227	65.5	32.8	98.3	





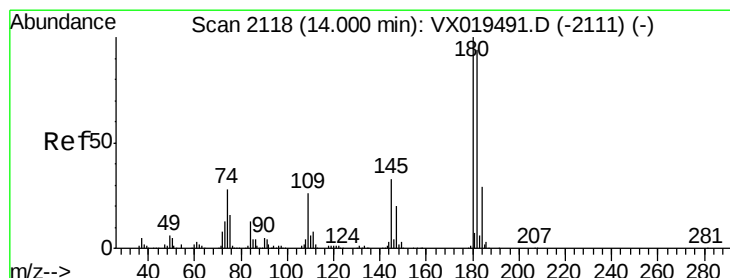
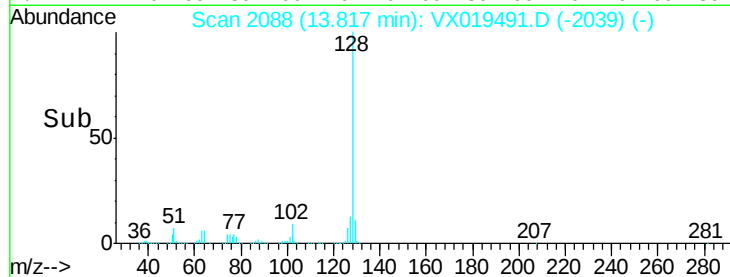
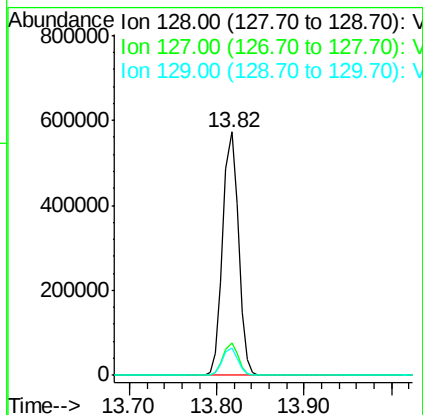
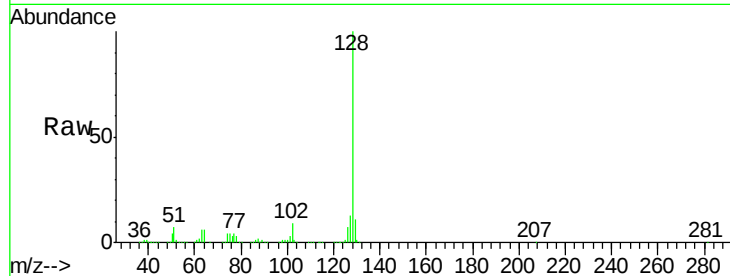
#95
Naphthalene
Concen: 54.897 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	710567		
127	12.9		10.3	15.5
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.679 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019491.D
Acq: 20 Nov 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	216130		
182	96.2		48.1	144.3
145	33.2		16.6	49.8

