

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019492.D
 Acq On : 20 Nov 2020 11:17
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:37 PM

Quant Time: Nov 21 01:52:08 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	284312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	460825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	357971	97.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	194.22%#
35) Dibromofluoromethane	5.46	113	296777	102.60	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	205.20%#
50) Toluene-d8	8.70	98	1113148	99.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	198.06%#
62) 4-Bromofluorobenzene	11.12	95	417762	103.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	206.60%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	289364	104.660	ug/l	99
3) Chloromethane	1.31	50	315637	99.486	ug/l	99
4) Vinyl Chloride	1.39	62	352339	103.165	ug/l	100
5) Bromomethane	1.62	94	130105	100.575	ug/l	99
6) Chloroethane	1.69	64	78524	83.100	ug/l	98
7) Trichlorofluoromethane	1.89	101	499802	101.393	ug/l	100
8) Diethyl Ether	2.17	74	203815	103.241	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	283656	103.145	ug/l	99
10) Methyl Iodide	2.48	142	393037	108.790	ug/l	99
11) Tert butyl alcohol	3.06	59	341770	489.892	ug/l	99
12) 1,1-Dichloroethene	2.34	96	285409	101.115	ug/l	97
13) Acrolein	2.28	56	226883	483.809	ug/l	98
14) Allyl chloride	2.70	41	455174	102.937	ug/l	99
15) Acrylonitrile	3.12	53	854028	519.076	ug/l	99
16) Acetone	2.43	43	696492	488.569	ug/l	100
17) Carbon Disulfide	2.54	76	788098	103.930	ug/l	99
18) Methyl Acetate	2.75	43	349864	95.141	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1024956	105.198	ug/l	100
20) Methylene Chloride	2.83	84	342098	96.012	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	329896	103.156	ug/l	99
22) Diisopropyl ether	3.83	45	951078	103.971	ug/l	92
23) Vinyl Acetate	3.79	43	4136228	539.078	ug/l	100
24) 1,1-Dichloroethane	3.67	63	573340	102.472	ug/l	99
25) 2-Butanone	4.64	43	1085241	506.770	ug/l	100
26) 2,2-Dichloropropane	4.54	77	507737	103.966	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	380237	103.508	ug/l	100
28) Bromochloromethane	4.98	49	247598	92.560	ug/l	99
29) Tetrahydrofuran	5.09	42	691529	506.106	ug/l	100
30) Chloroform	5.18	83	601507	102.813	ug/l	99
31) Cyclohexane	5.54	56	501700	104.640	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	527595	104.982	ug/l	99
36) 1,1-Dichloropropene	5.76	75	451703	104.555	ug/l	99
37) Ethyl Acetate	4.80	43	426411	105.136	ug/l	99
38) Carbon Tetrachloride	5.75	117	458476	109.639	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	550674	109.472	ug/l	99
40) Benzene	6.11	78	1372962	103.433	ug/l	99
41) Methacrylonitrile	5.01	41	228641	102.229	ug/l	99
42) 1,2-Dichloroethane	6.16	62	466109	102.448	ug/l	100
43) Isopropyl Acetate	6.42	43	702624	103.057	ug/l	100
44) Trichloroethene	7.18	130	363822	104.638	ug/l	96
45) 1,2-Dichloropropane	7.49	63	341258	104.431	ug/l	99
46) Dibromomethane	7.63	93	236311	105.658	ug/l	98
47) Bromodichloromethane	7.87	83	476057	109.692	ug/l	99
48) Methyl methacrylate	7.74	41	345572	108.229	ug/l	100
49) 1,4-Dioxane	7.72	88	155063	2138.875	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2064495	519.280	ug/l	99
52) Toluene	8.76	92	852475	104.980	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	525440	112.104	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	576331	110.800	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	340444	102.943	ug/l	98
56) Ethyl methacrylate	9.16	69	520652	111.260	ug/l	99
57) 1,3-Dichloropropane	9.35	76	574795	103.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1389588	506.773	ug/l	99
59) 2-Hexanone	9.48	43	1594107	528.682	ug/l	99
60) Dibromochloromethane	9.57	129	361627	111.637	ug/l	99
61) 1,2-Dibromoethane	9.65	107	355574	104.307	ug/l	99
64) Tetrachloroethene	9.32	164	319689	100.345	ug/l	97
65) Chlorobenzene	10.12	112	886360	106.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	336343	110.965	ug/l	98
67) Ethyl Benzene	10.24	91	1588793	108.834	ug/l	96
68) m/p-Xylenes	10.34	106	1207200	221.961	ug/l	99
69) o-Xylene	10.68	106	574972	110.591	ug/l	100
70) Styrene	10.70	104	1007233	116.709	ug/l	100
71) Bromoform	10.84	173	266076	120.048	ug/l #	99
73) Isopropylbenzene	11.00	105	1554470	106.644	ug/l	99
74) N-amyl acetate	10.88	43	615778	112.740	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	530504	101.773	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	463236m	100.740	ug/l	
77) Bromobenzene	11.24	156	390327	104.897	ug/l	98
78) n-propylbenzene	11.34	91	1814632	108.519	ug/l	100
79) 2-Chlorotoluene	11.40	91	1073294	105.835	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1347731	110.220	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	181244	115.943	ug/l	97
82) 4-Chlorotoluene	11.49	91	1282154	107.399	ug/l	99
83) tert-Butylbenzene	11.76	119	1303315	110.173	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1365333	110.356	ug/l	99
85) sec-Butylbenzene	11.93	105	1548419	110.025	ug/l	100
86) p-Isopropyltoluene	12.05	119	1432861	112.139	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	720773	105.473	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	722856	102.691	ug/l	99
89) n-Butylbenzene	12.37	91	1317331	114.040	ug/l	99
90) Hexachloroethane	12.58	117	249251	116.575	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	721548	105.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	117343	110.345	ug/l	97

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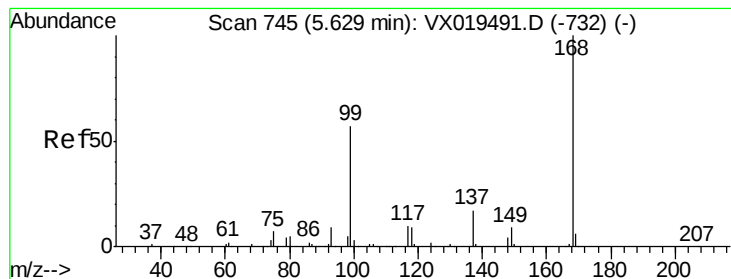
Manual Integrations
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11/23/2020 3:50:37 PM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	510105	115.761	ug/l	98
94) Hexachlorobutadiene	13.76	225	217291	108.247	ug/l	96
95) Naphthalene	13.82	128	1616165	118.473	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	494395	112.167	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: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 284312

Ion Ratio Lower Upper

168 100

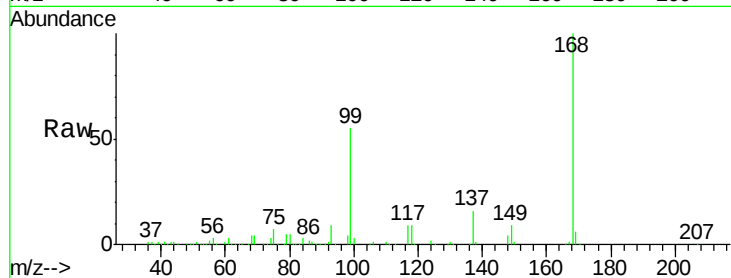
99 54.9 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

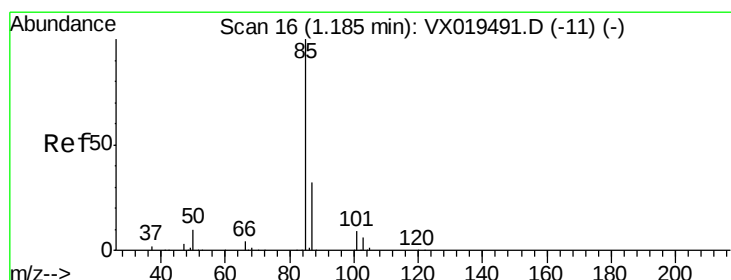
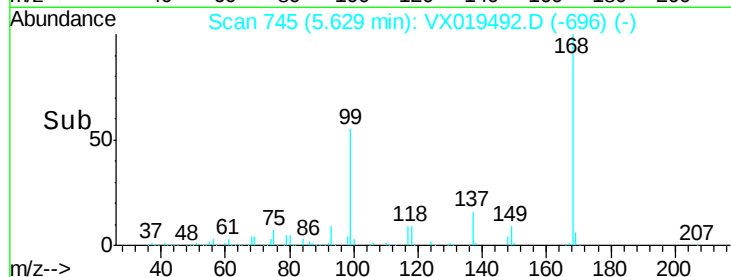
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 104.660 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019492.D

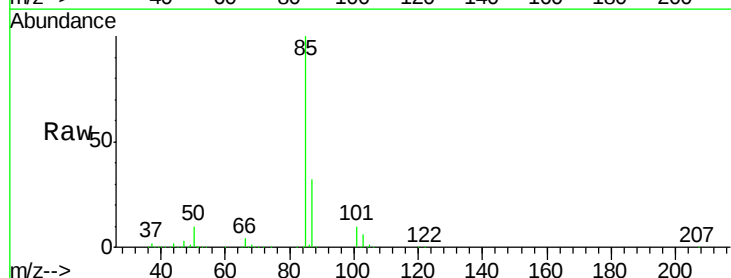
Acq: 20 Nov 2020 11:17

Tgt Ion: 85 Resp: 289364

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

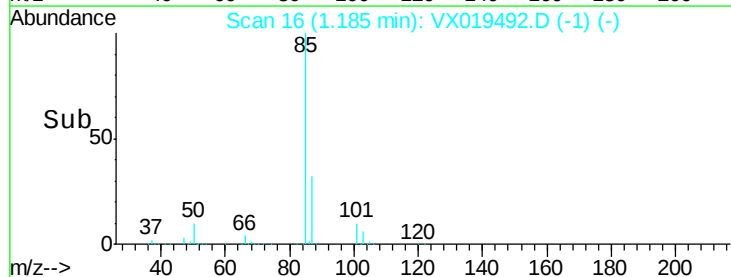
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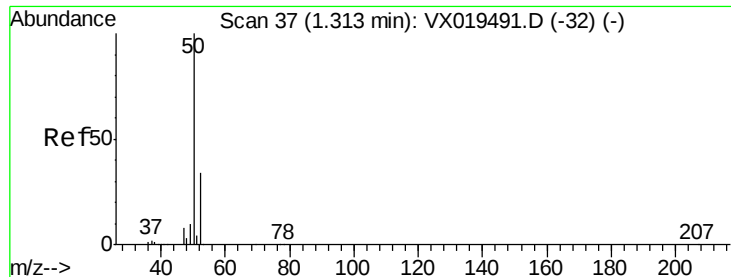
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 99.486 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 315637

Ion Ratio Lower Upper

50 100

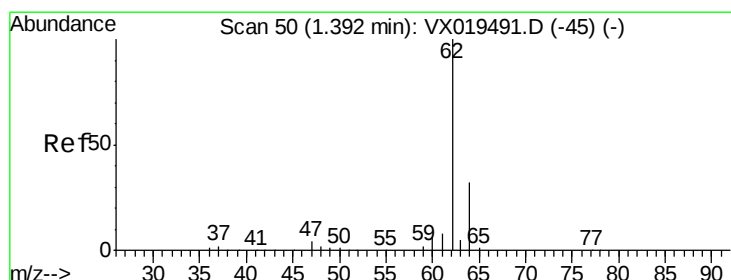
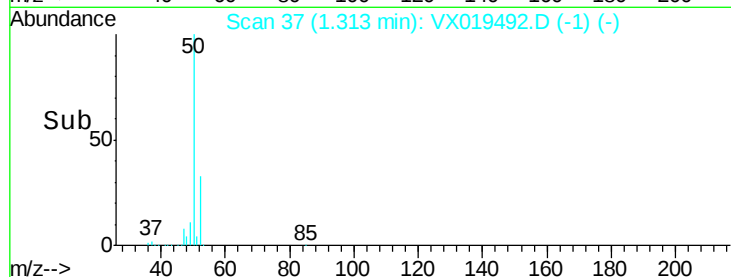
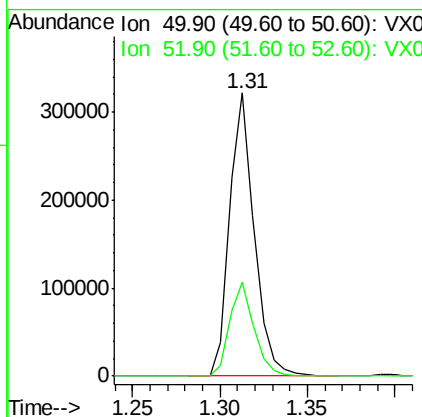
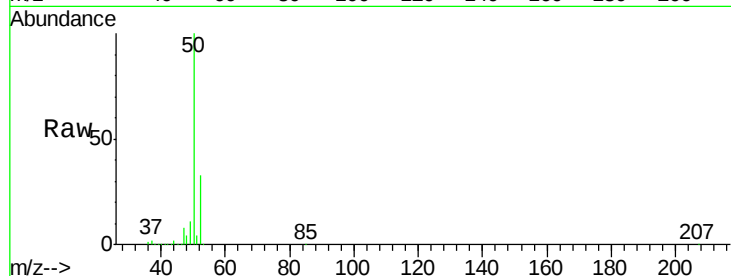
52 33.1 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 103.165 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019492.D

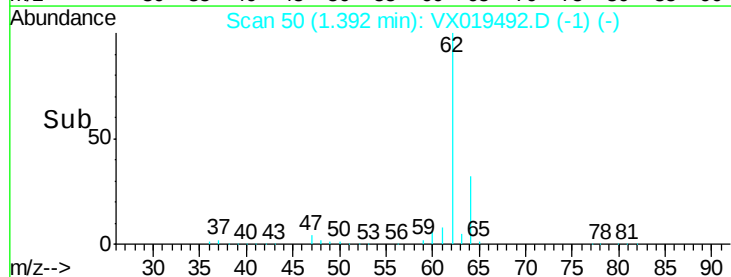
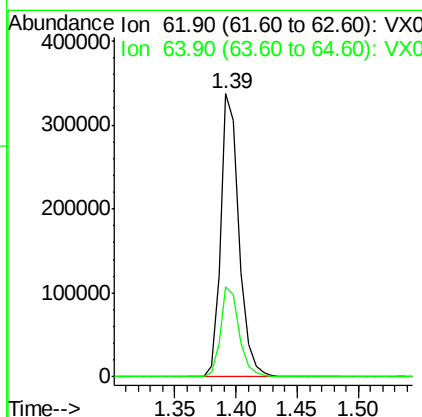
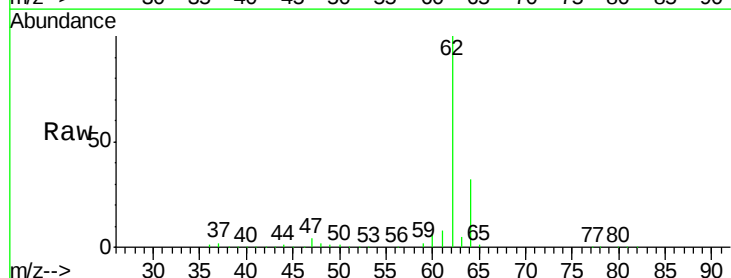
Acq: 20 Nov 2020 11:17

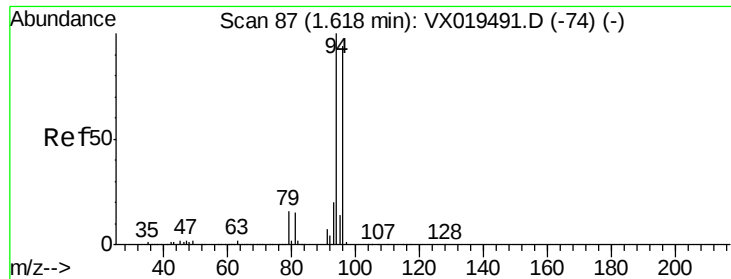
Tgt Ion: 62 Resp: 352339

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 100.575 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 130105

Ion Ratio Lower Upper

94 100

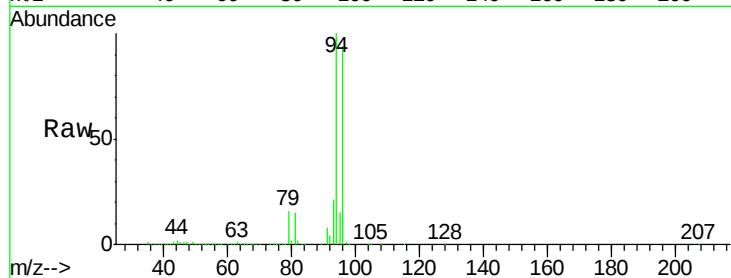
96 93.8 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

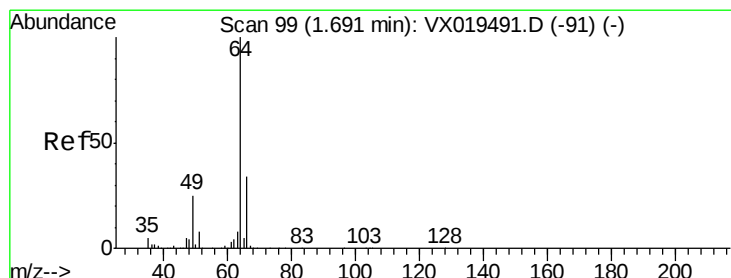
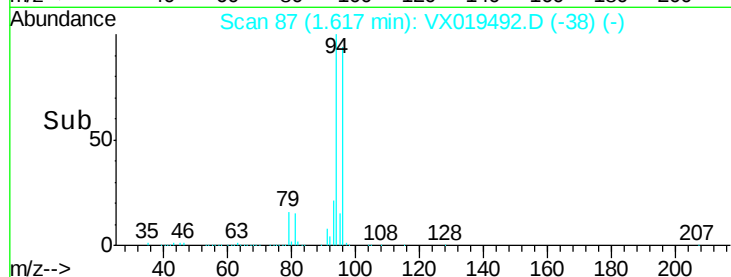
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 83.100 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX019492.D

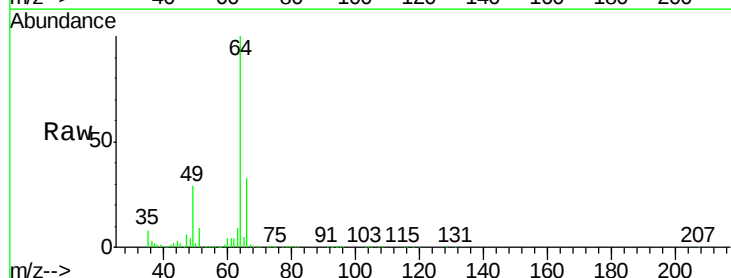
Acq: 20 Nov 2020 11:17

Tgt Ion: 64 Resp: 78524

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

80000

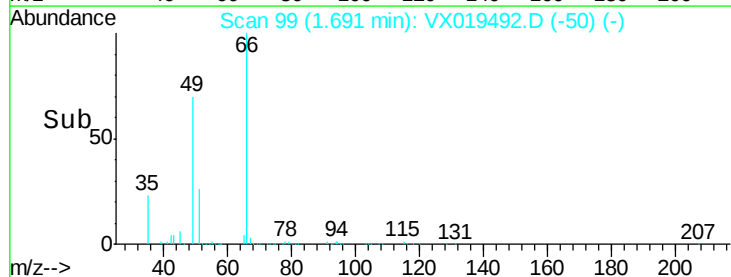
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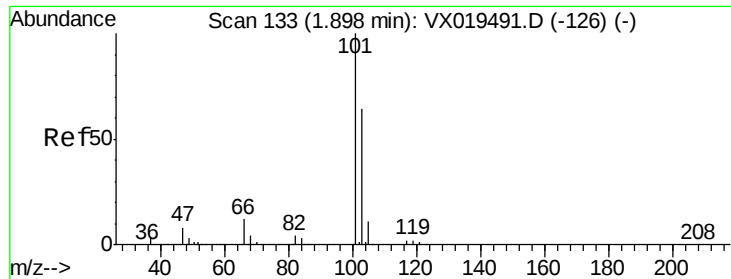
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Time-->





#7

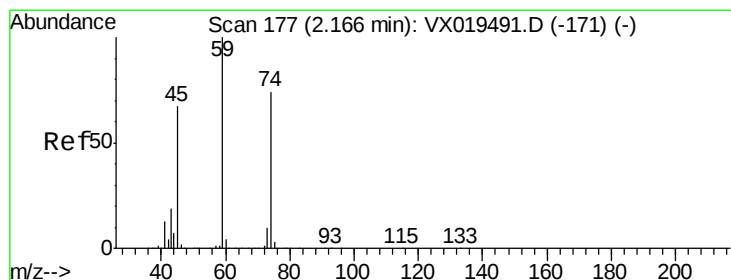
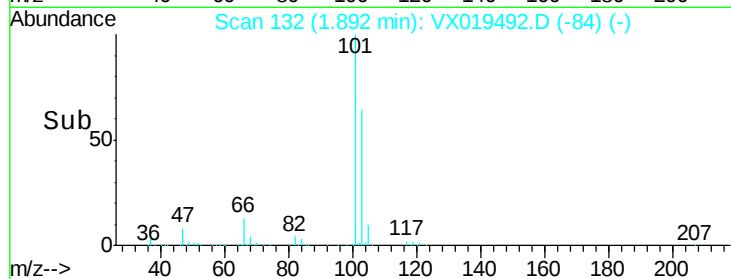
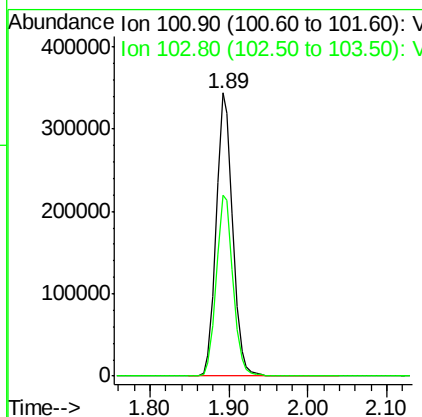
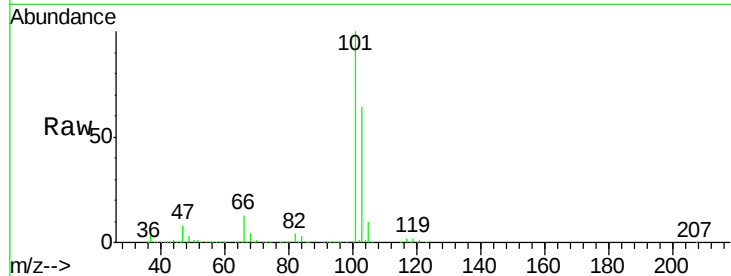
Trichlorofluoromethane
Concen: 101.393 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	499802		
103	63.7	50.9	76.3	

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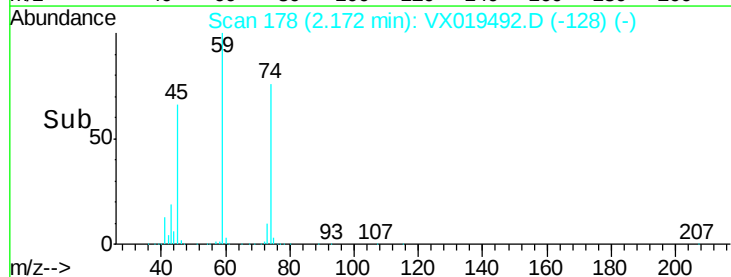
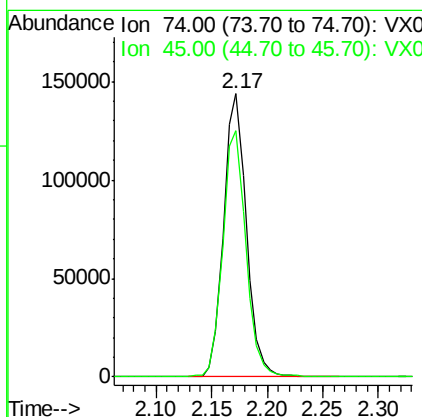
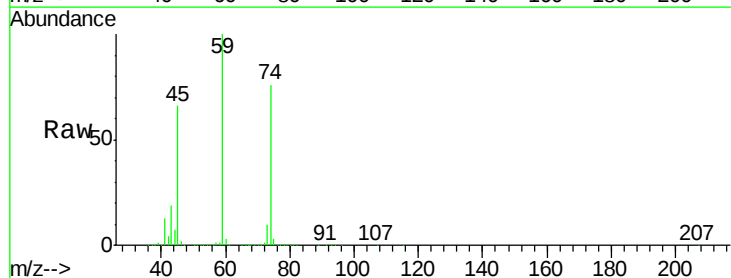
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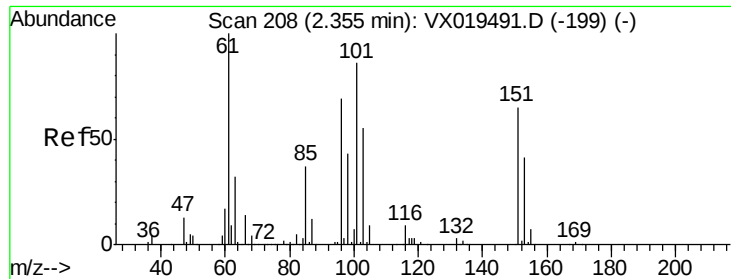


#8

Diethyl Ether
Concen: 103.241 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	203815		
45	88.1	44.4	133.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.145 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019492.D

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MSVOA_X

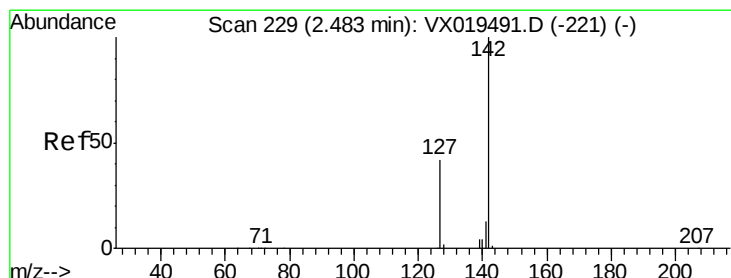
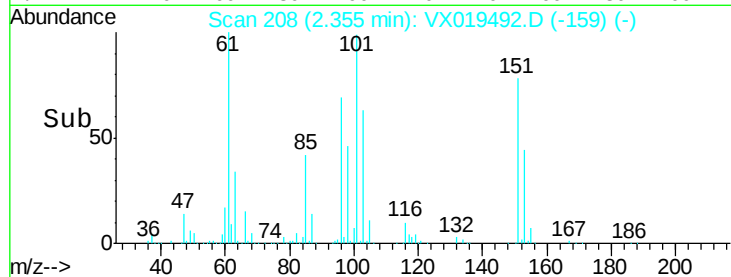
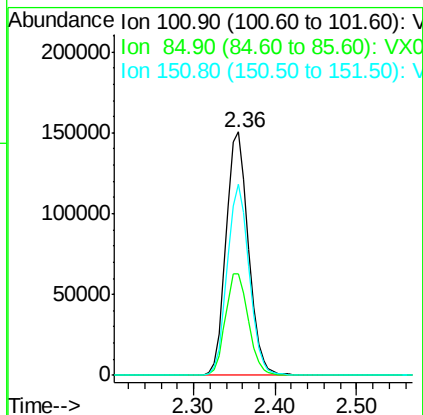
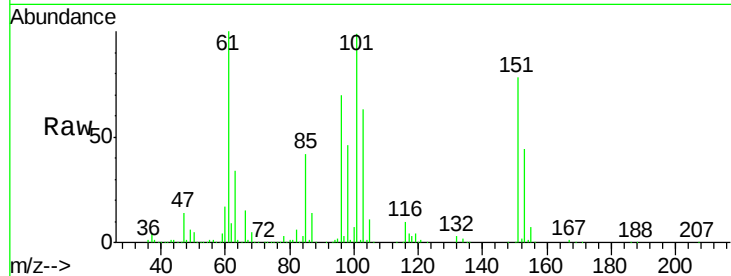
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	283656
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.9	50.9
151	77.1	60.9	91.3

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#10

Methyl Iodide

Concen: 108.790 ug/l

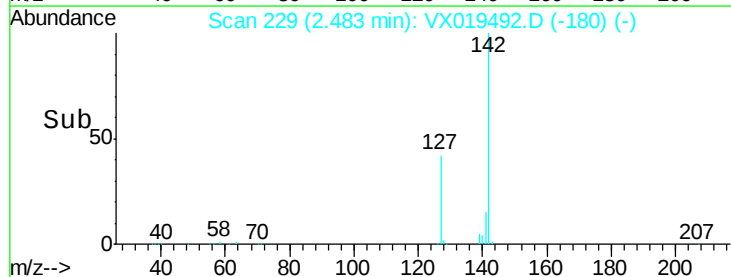
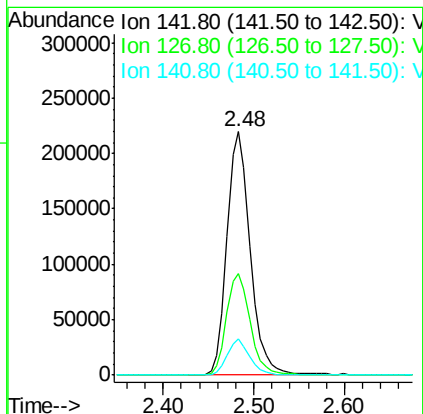
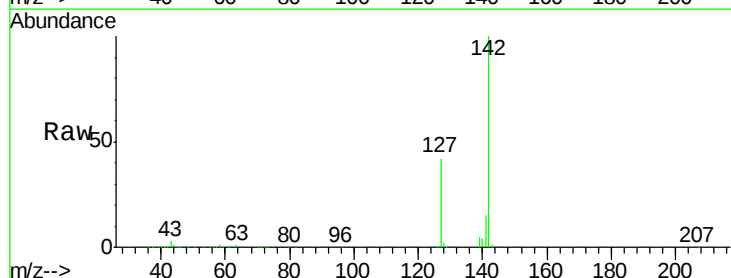
RT: 2.48 min Scan# 229

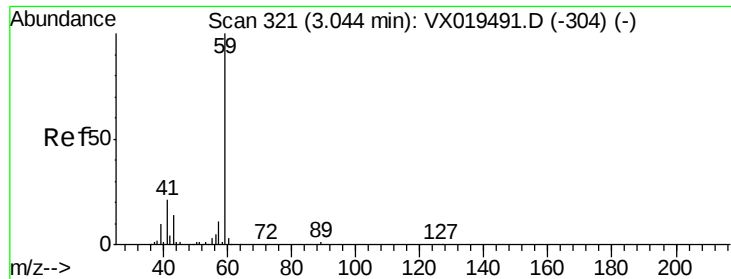
Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion:	142	Resp:	393037
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.4	11.0	16.6





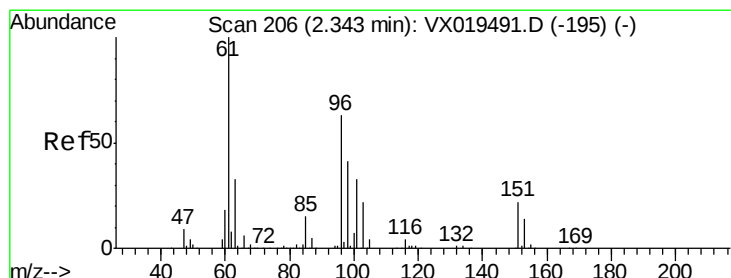
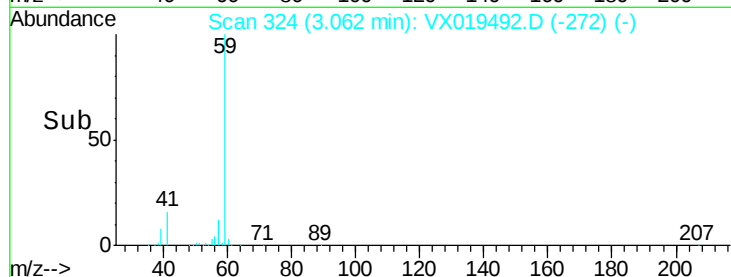
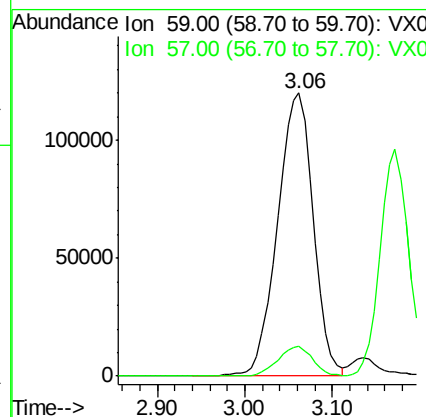
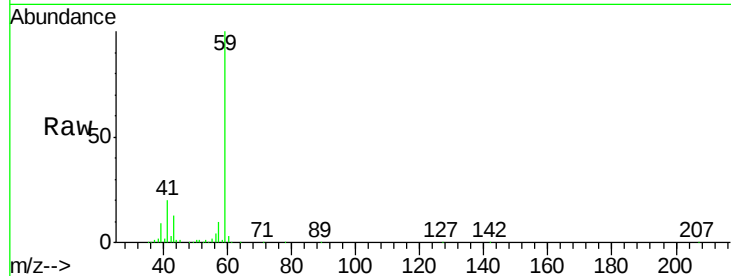
#11
Tert butyl alcohol
Concen: 489.892 ug/l
RT: 3.06 min Scan# 324
Delta R.T. 0.02 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 341770
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

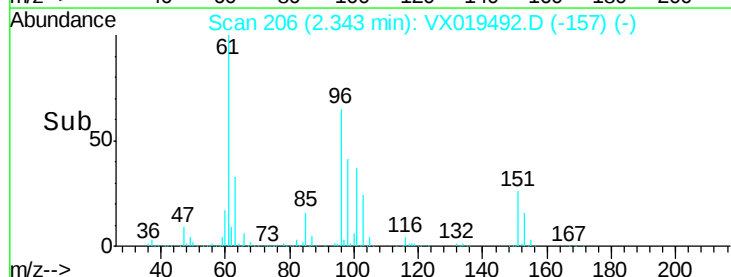
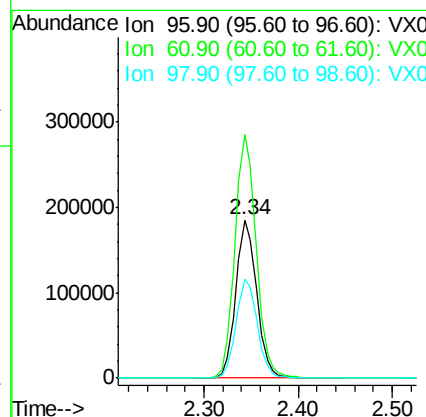
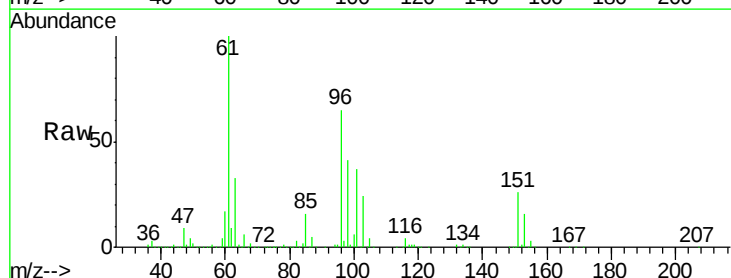
Manual Integrations
APPROVED

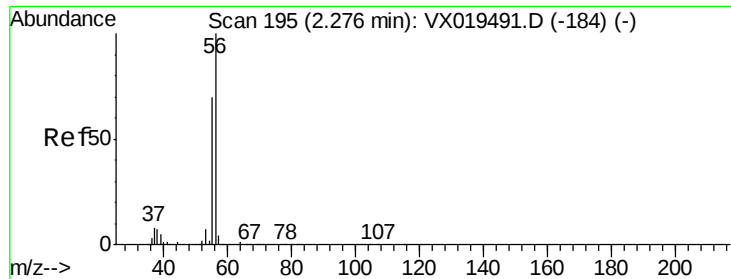
MMDadoda
11/23/2020 3:50:37 PM



#12
1,1-Dichloroethene
Concen: 101.115 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 96 Resp: 285409
Ion Ratio Lower Upper
96 100
61 154.3 126.0 189.0
98 62.5 52.0 78.0





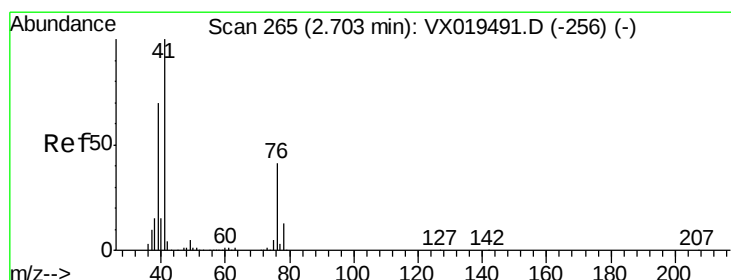
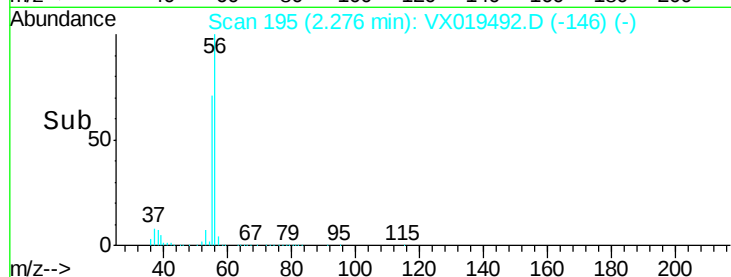
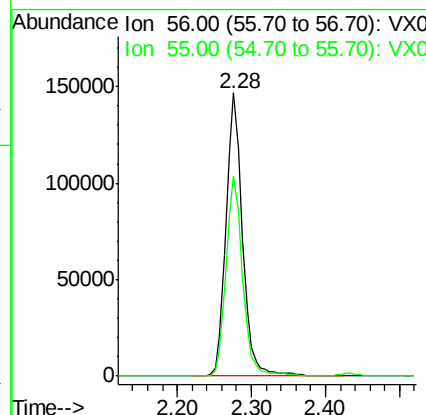
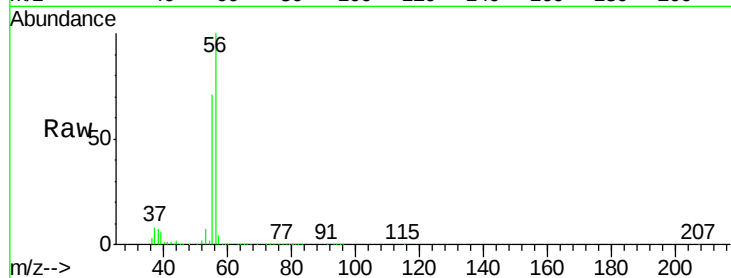
#13
Acrolein
Concen: 483.809 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.9	55.5	83.3

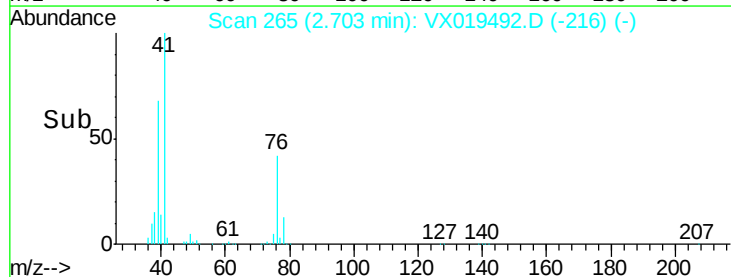
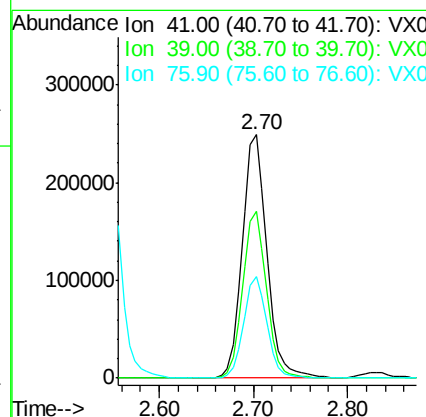
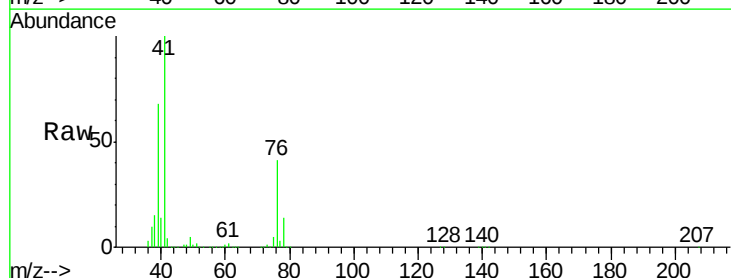
Manual Integrations
APPROVED

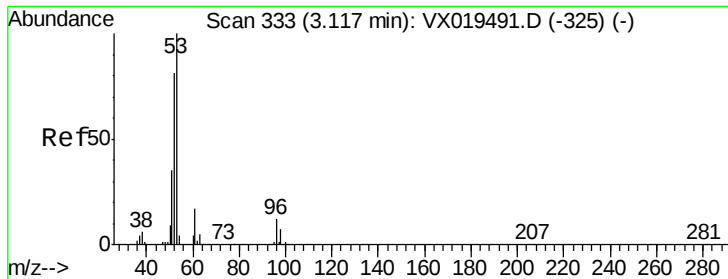
MMDadoda
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#14
Allyl chloride
Concen: 102.937 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.8	53.0	79.4
76	76	39.2	31.0	46.6





#15

Acrylonitrile

Concen: 519.076 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

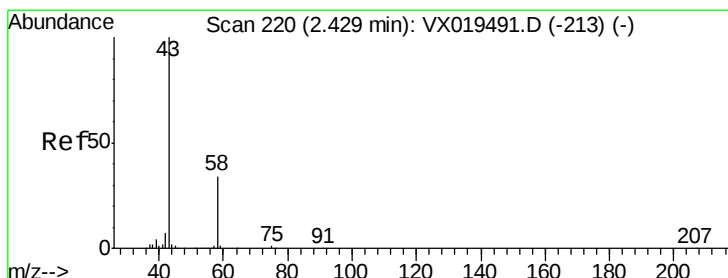
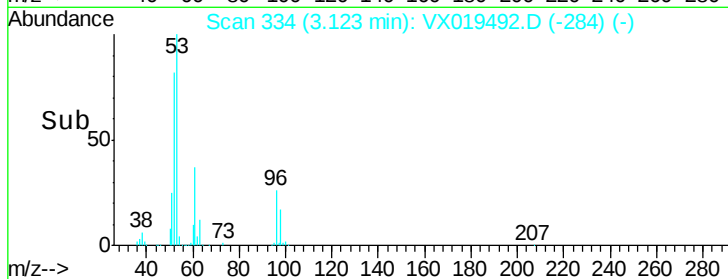
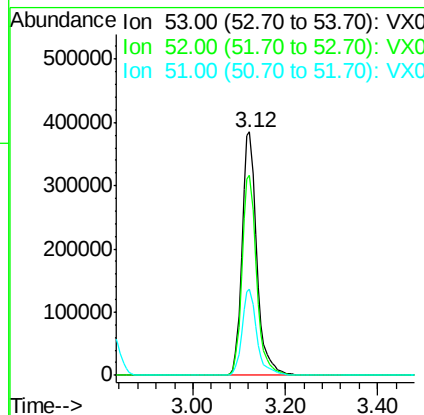
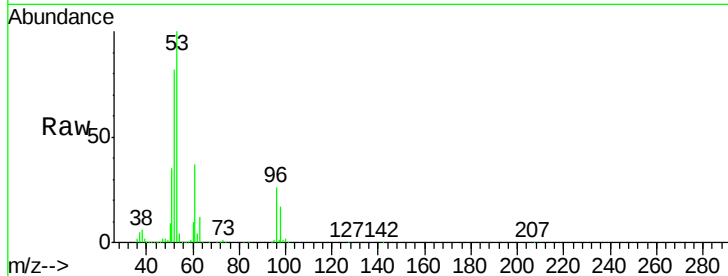
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	854028
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.2	99.2
51	35.0	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 488.569 ug/l

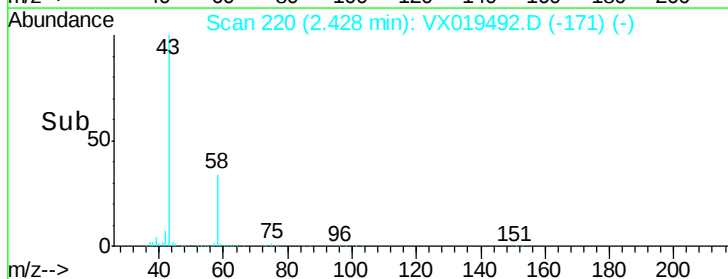
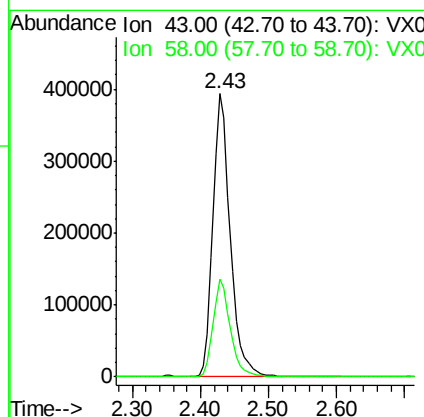
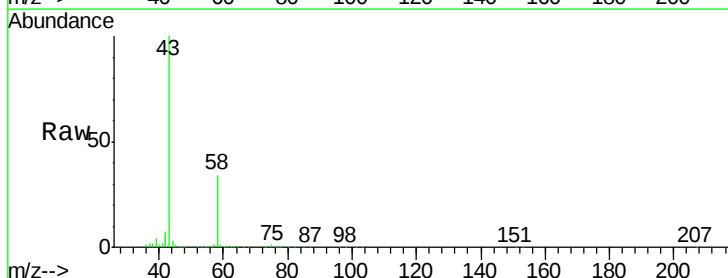
RT: 2.43 min Scan# 220

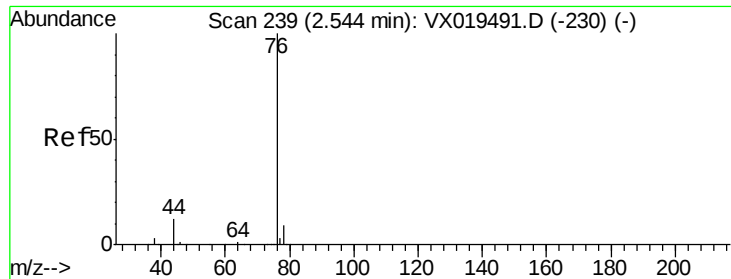
Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion:	43	Resp:	696492
Ion Ratio	Lower	Upper	
43	100		
58	34.4	27.4	41.2





#17

Carbon Disulfide

Concen: 103.930 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 788098

Ion Ratio Lower Upper

76 100

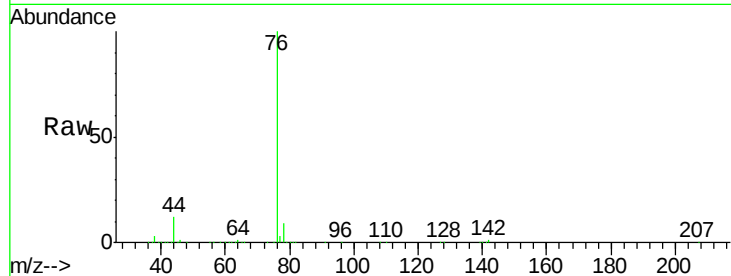
78 9.3 7.2 10.8

Manual Integrations

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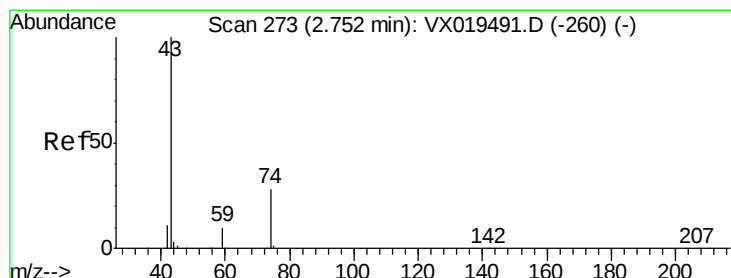
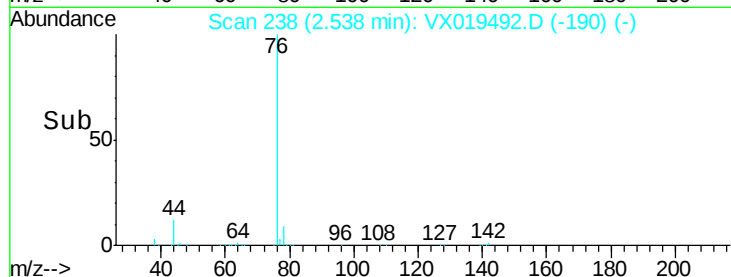
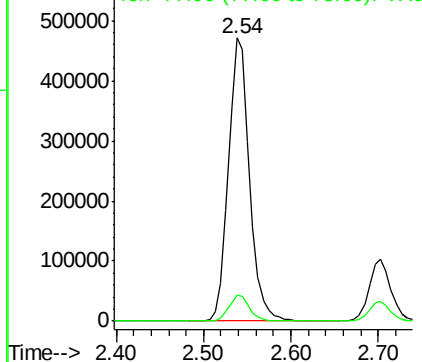
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 95.141 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019492.D

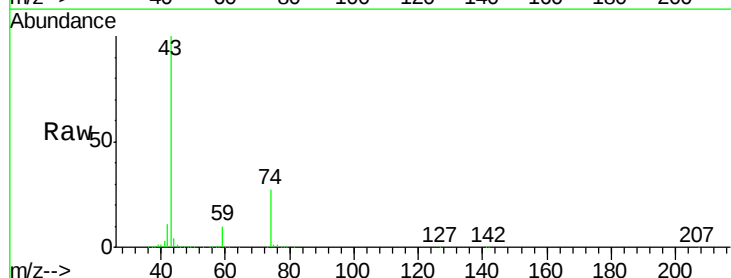
Acq: 20 Nov 2020 11:17

Tgt Ion: 43 Resp: 349864

Ion Ratio Lower Upper

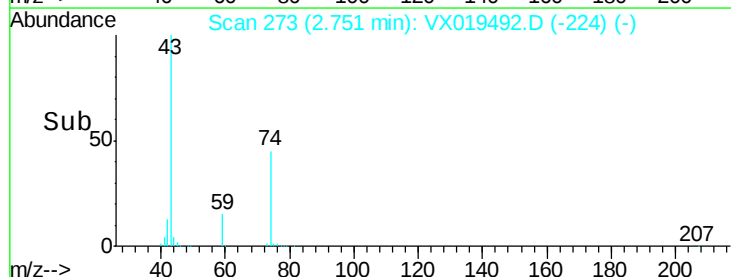
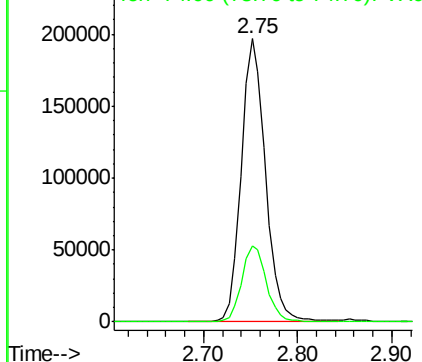
43 100

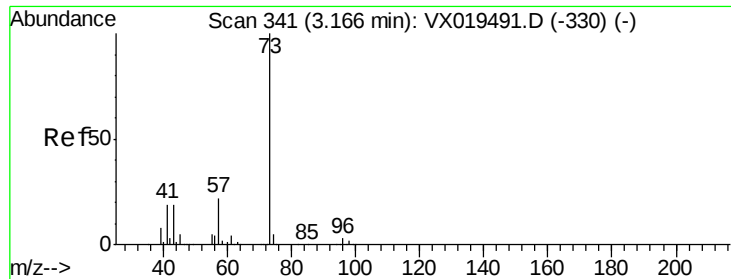
74 27.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

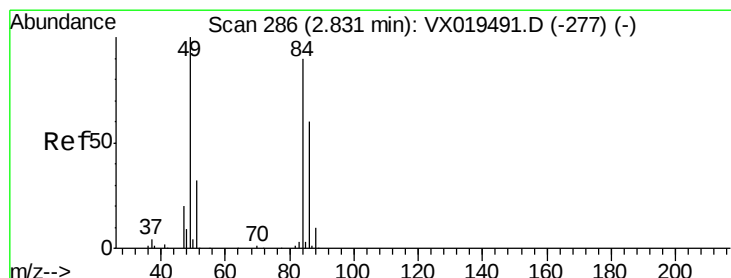
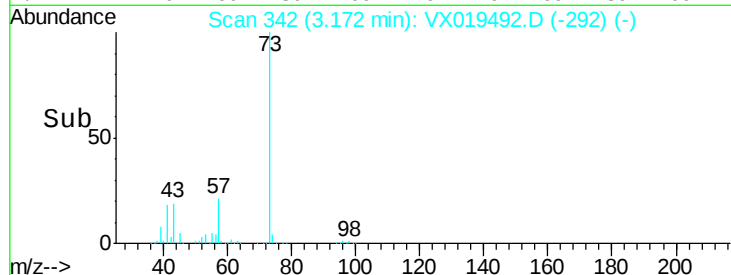
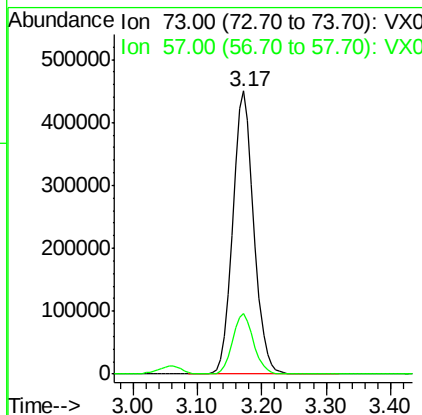
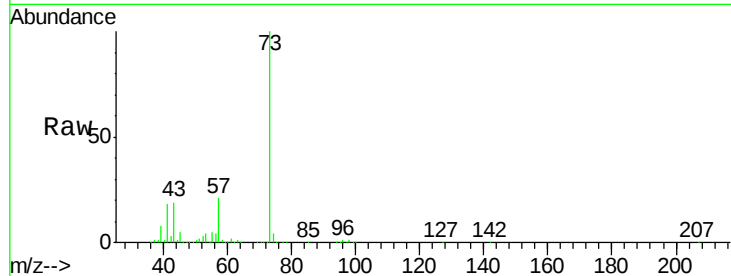
Methyl tert-butyl Ether
 Concen: 105.198 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion: 73 Resp: 1024956
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.3 25.9

Manual Integrations
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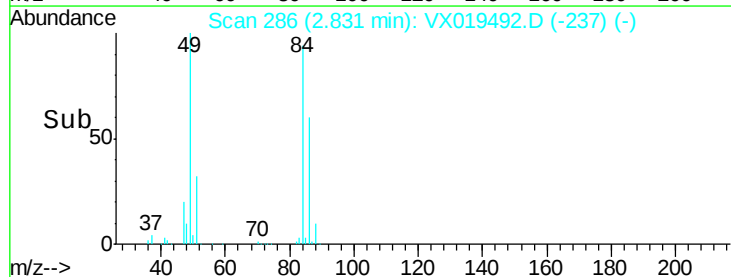
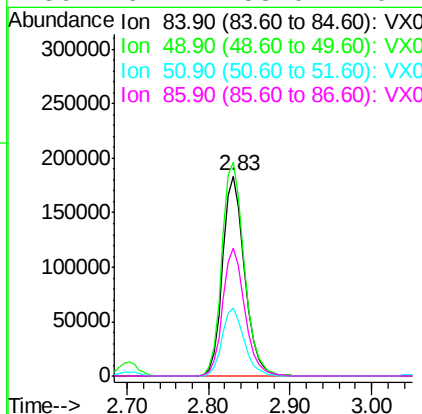
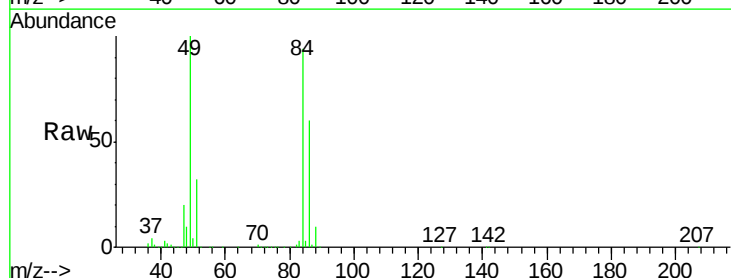
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 11/23/2020 3:50:37 PM

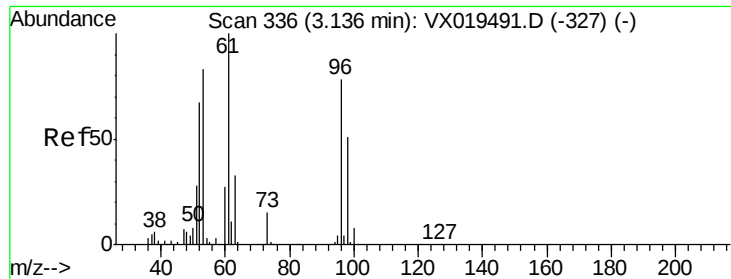


#20

Methylene Chloride
 Concen: 96.012 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion: 84 Resp: 342098
 Ion Ratio Lower Upper
 84 100
 49 106.7 88.5 132.7
 51 33.8 28.0 42.0
 86 64.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 103.156 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

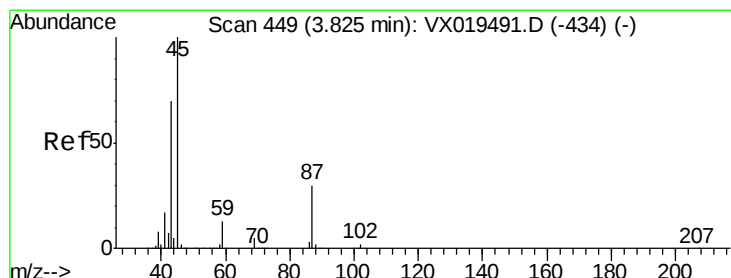
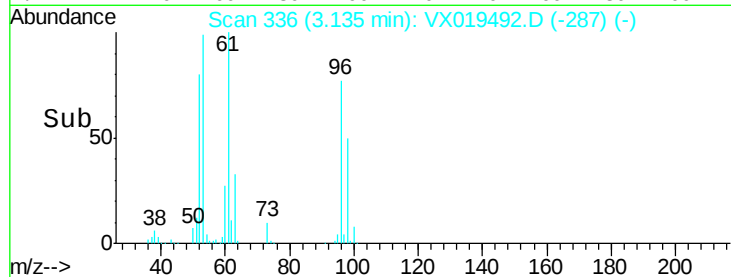
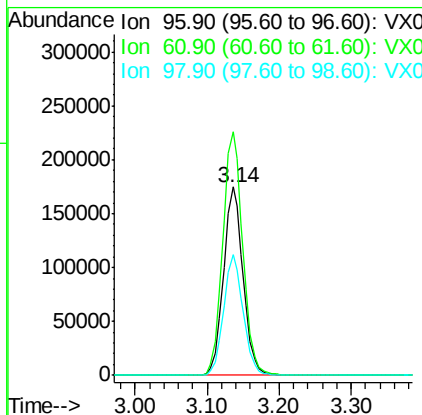
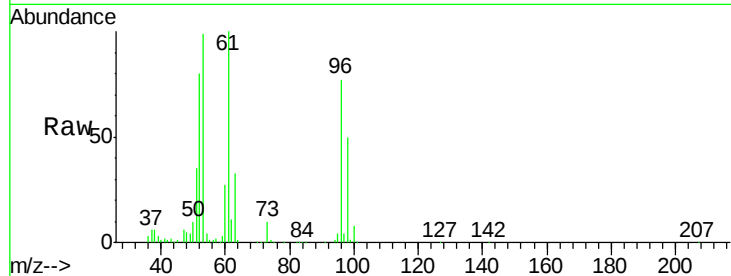
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	329896
Ion	Ratio	Lower	Upper
96	100		
61	129.3	102.9	154.3
98	64.0	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 103.971 ug/l

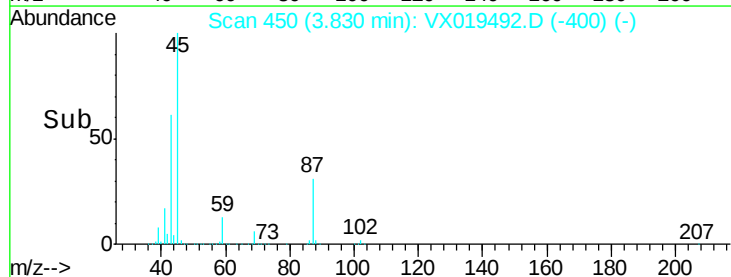
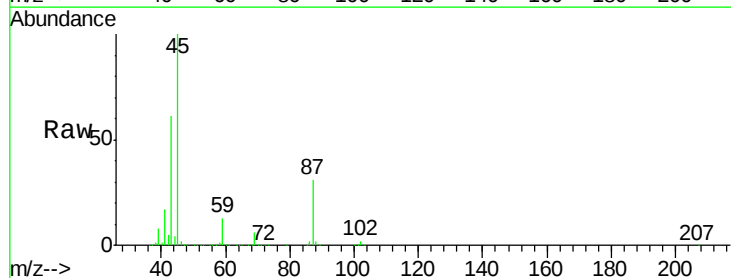
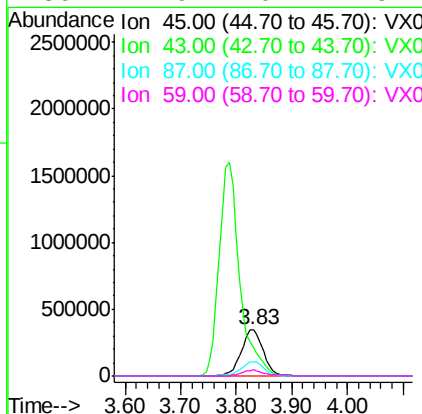
RT: 3.83 min Scan# 450

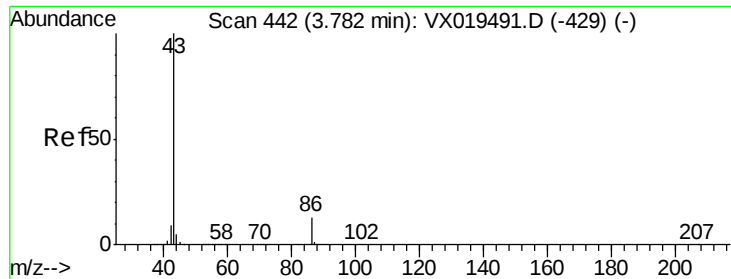
Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion:	45	Resp:	951078
Ion	Ratio	Lower	Upper
45	100		
43	60.7	56.1	84.1
87	31.1	24.2	36.2
59	12.9	10.2	15.2





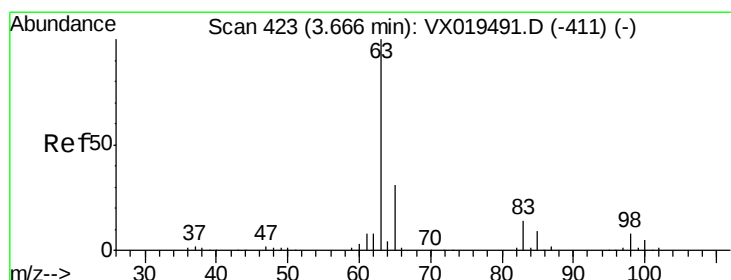
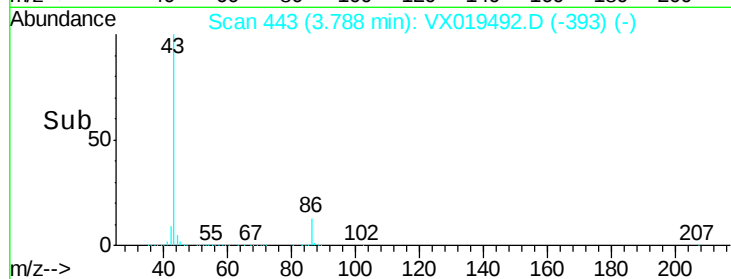
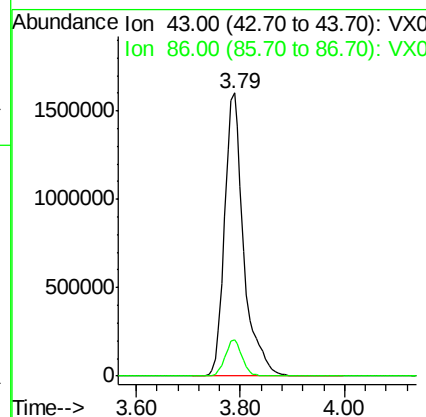
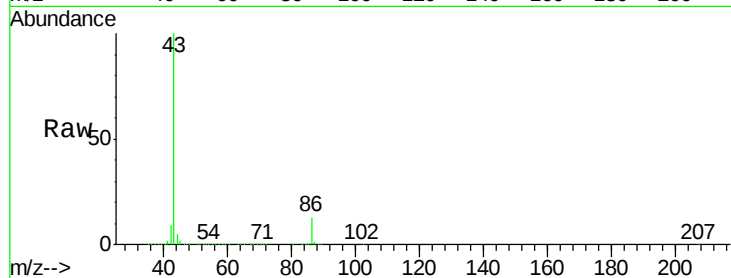
#23
 Vinyl Acetate
 Concen: 539.078 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 4136228
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.2 15.2

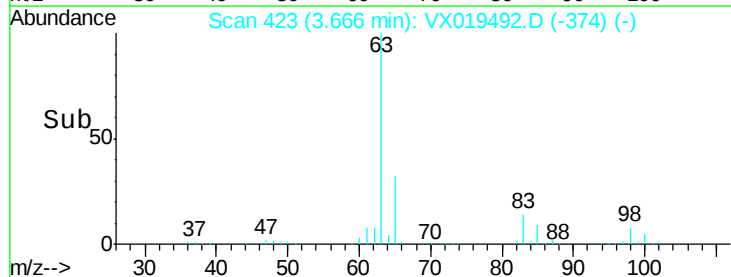
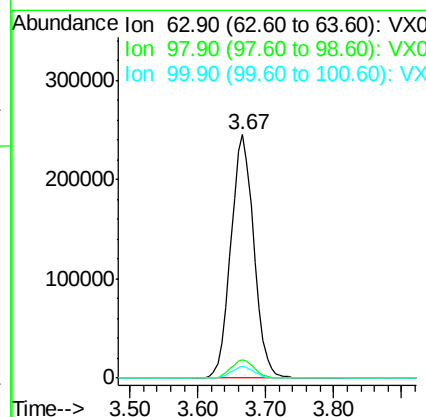
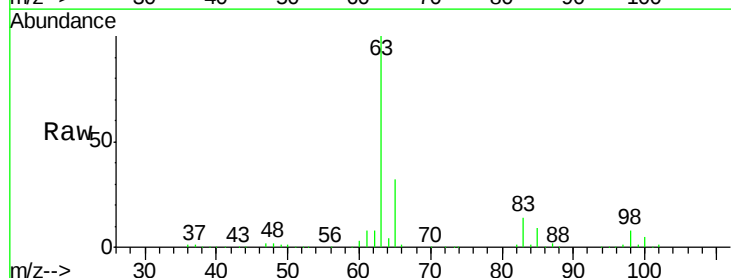
Manual Integrations
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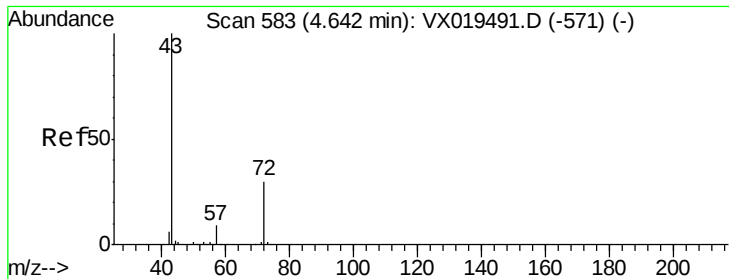
MMDadoda
 11/23/2020 3:50:37 PM



#24
 1,1-Dichloroethane
 Concen: 102.472 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion: 63 Resp: 573340
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 506.770 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1085241

Ion Ratio Lower Upper

43 100

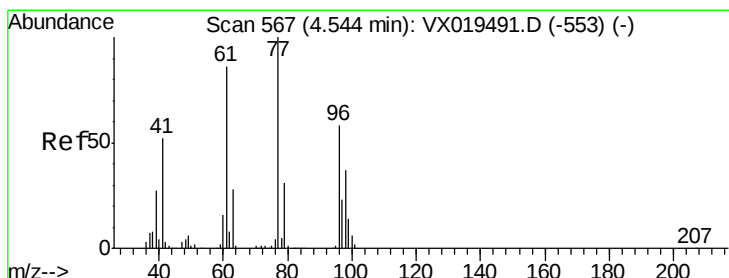
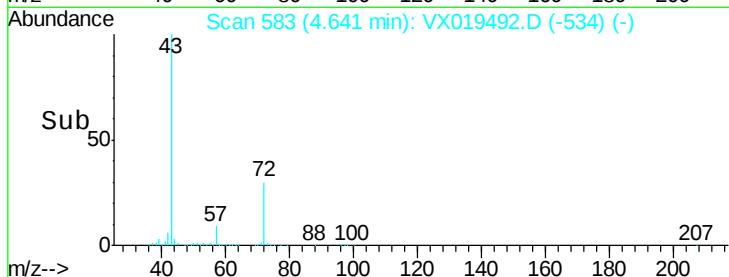
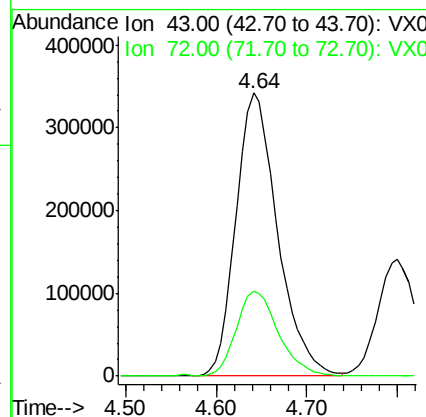
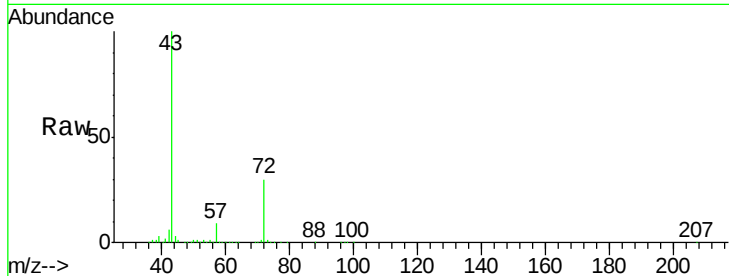
72 29.9 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 103.966 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019492.D

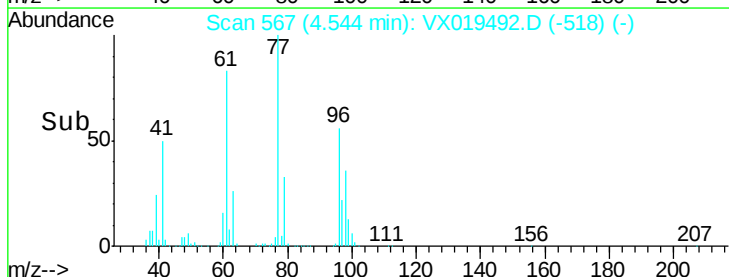
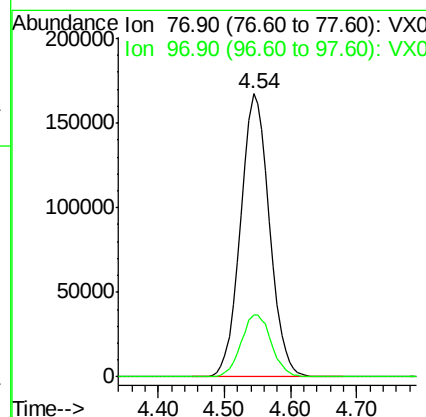
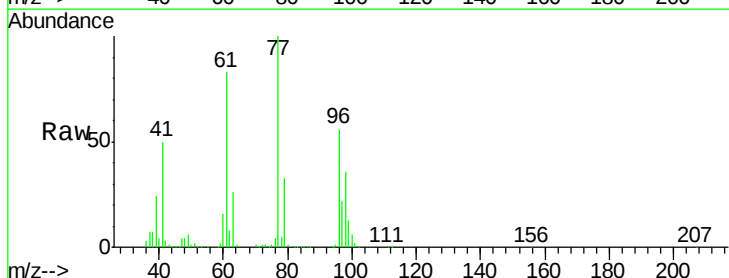
Acq: 20 Nov 2020 11:17

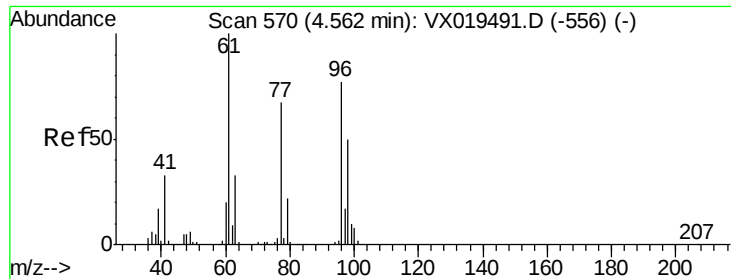
Tgt Ion: 77 Resp: 507737

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8





#27

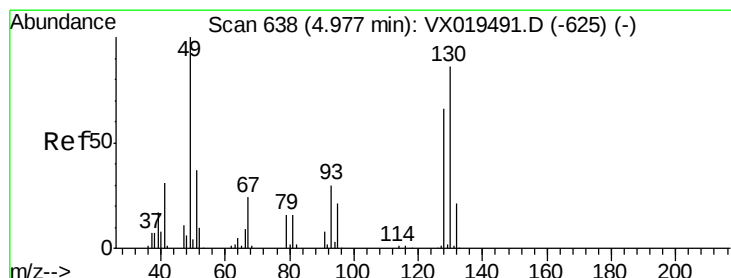
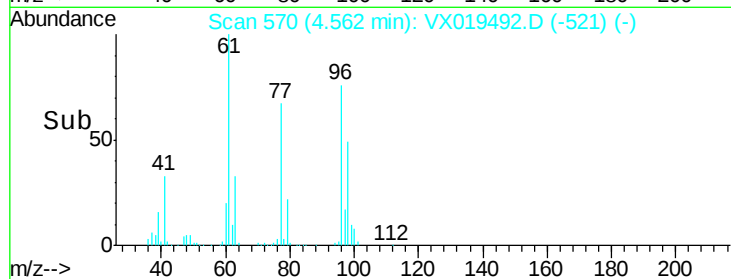
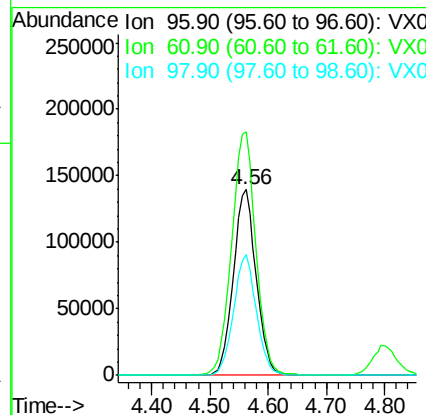
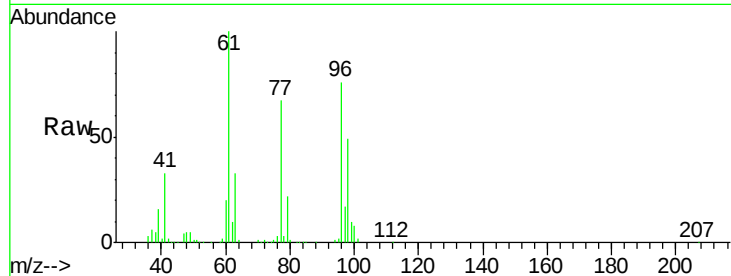
cis-1,2-Dichloroethene
Concen: 103.508 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.3	0.0	279.2	
98	64.7	0.0	129.8	

Manual Integrations
APPROVED

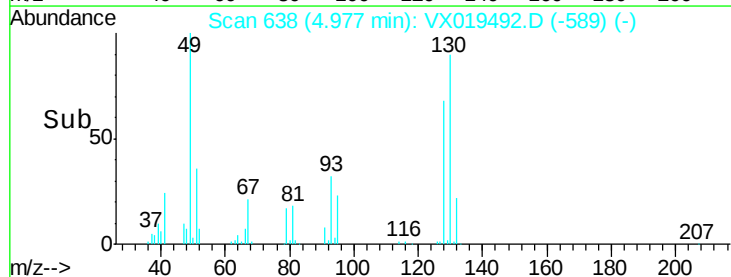
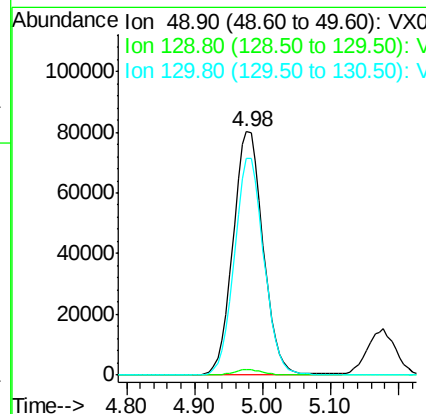
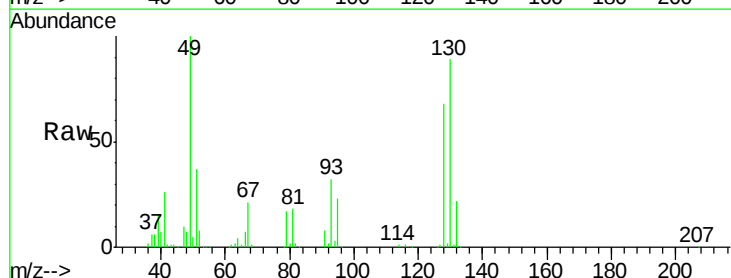
MMDadoda
11/23/2020 3:50:37 PM

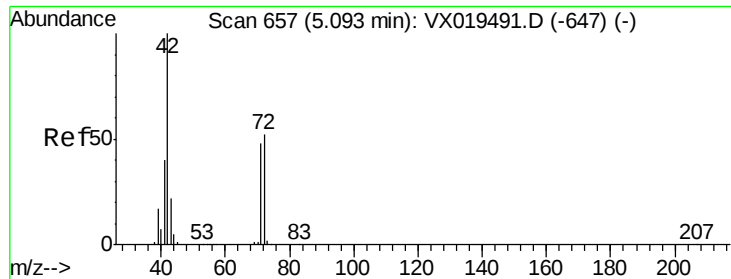


#28

Bromochloromethane
Concen: 92.560 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	87.1	69.0	103.6	





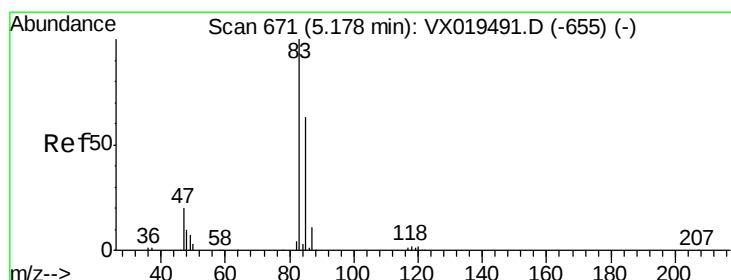
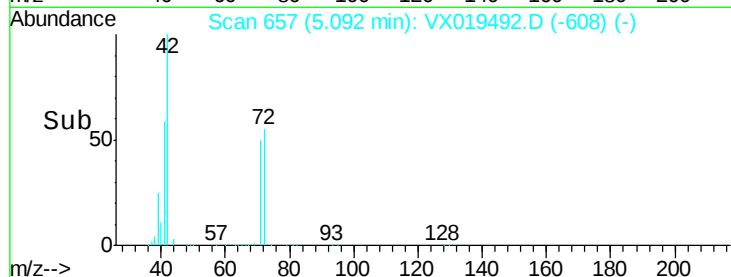
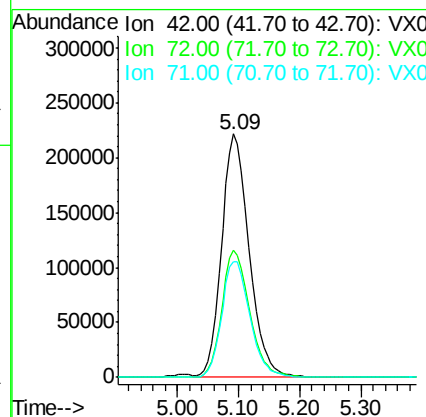
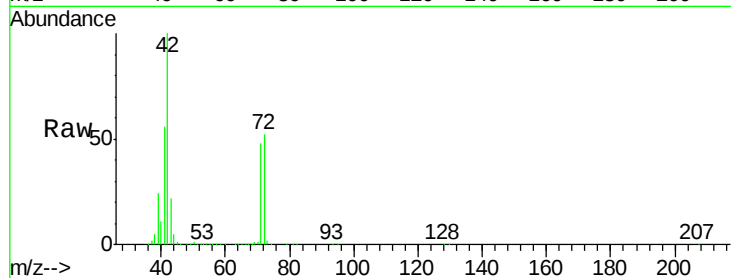
#29
Tetrahydrofuran
Concen: 506.106 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.6	63.8
71	49.0	39.0	58.6

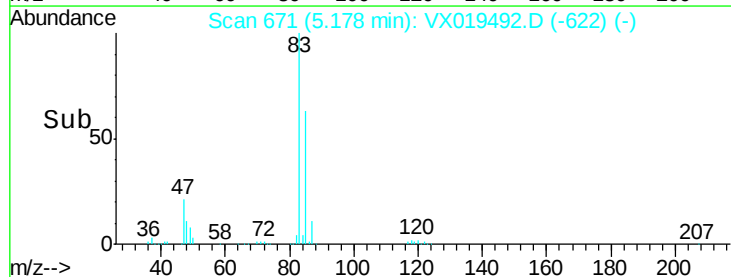
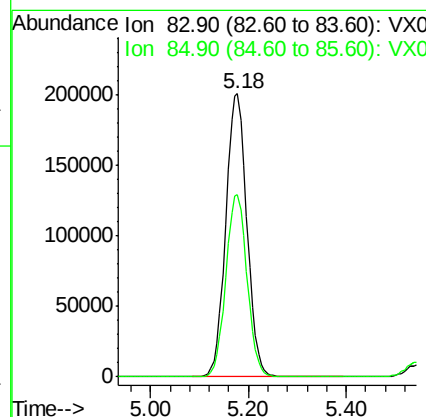
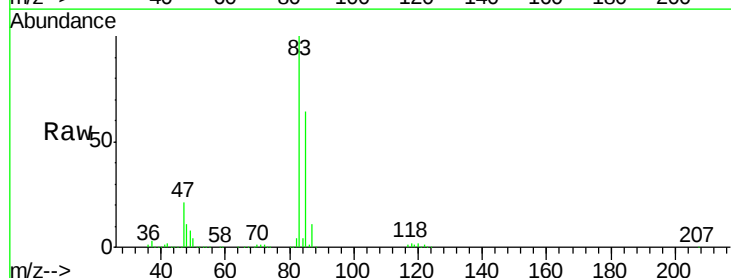
Manual Integrations
APPROVED

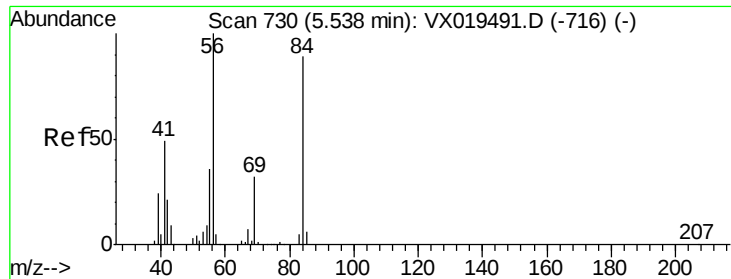
MMDadoda
11/23/2020 3:50:37 PM



#30
Chloroform
Concen: 102.813 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.5	75.7





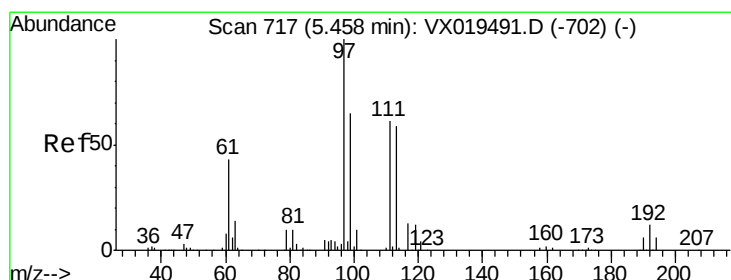
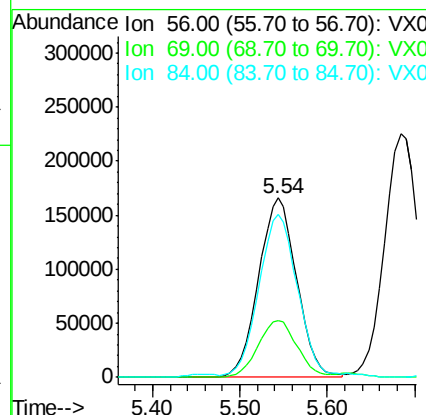
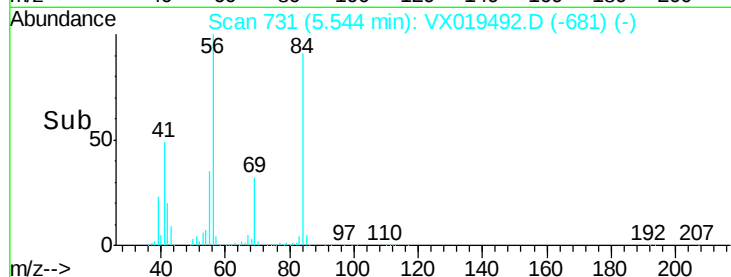
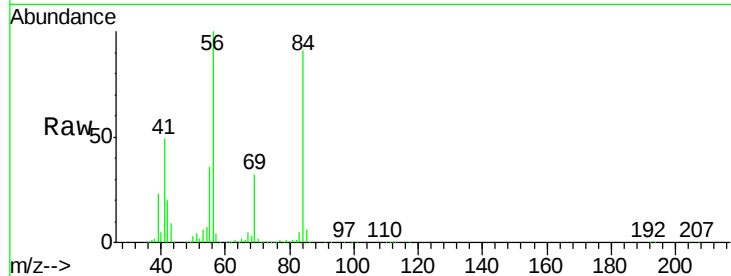
#31
Cvclohexane
Concen: 104.640 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.5	38.3
84	89.3	71.1	106.7

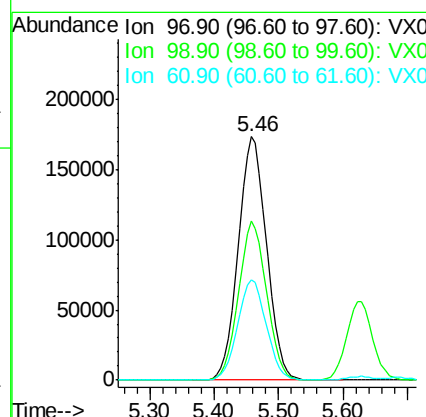
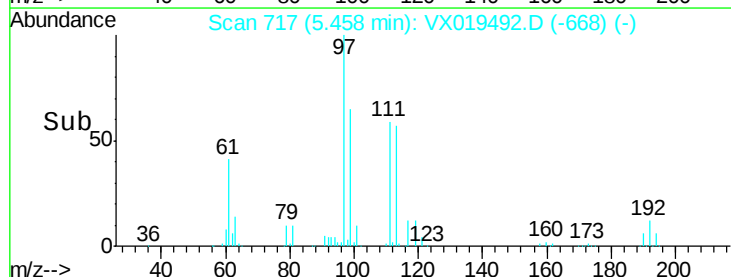
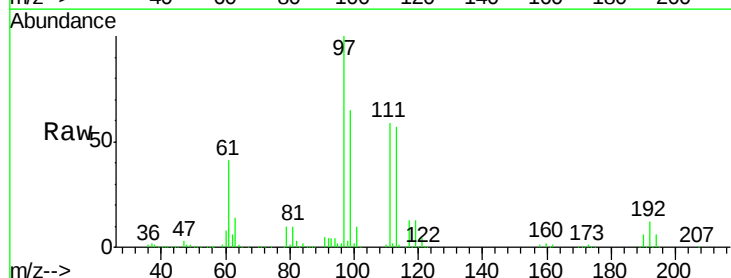
Manual Integrations
APPROVED

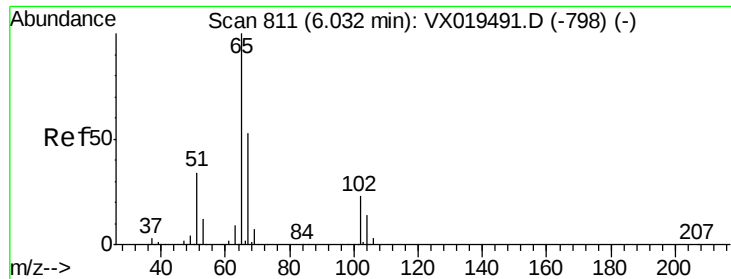
MMDadoda
11/23/2020 3:50:37 PM



#32
1,1,1-Trichloroethane
Concen: 104.982 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	41.9	34.2	51.2





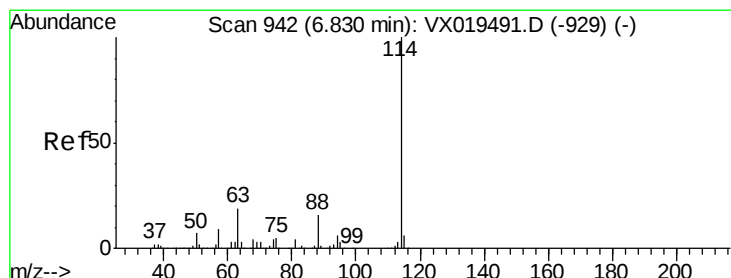
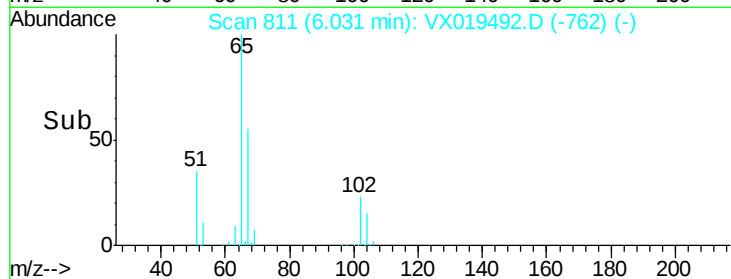
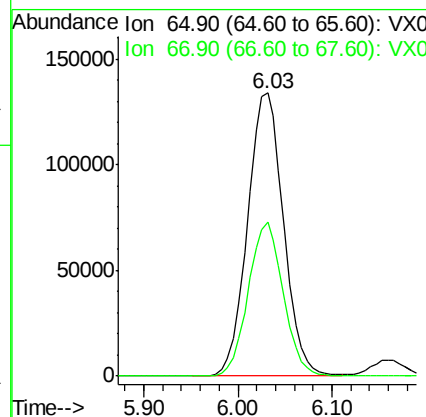
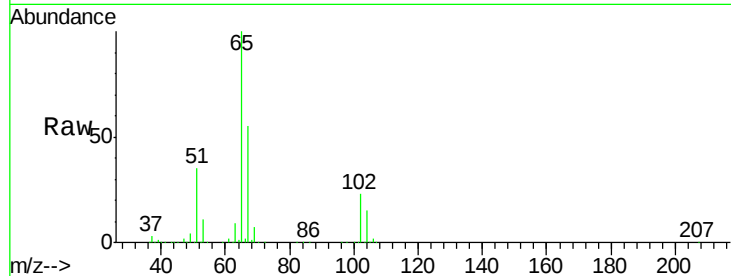
#33
 1,2-Dichloroethane-d4
 Concen: 97.107 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.2	0.0	105.0	

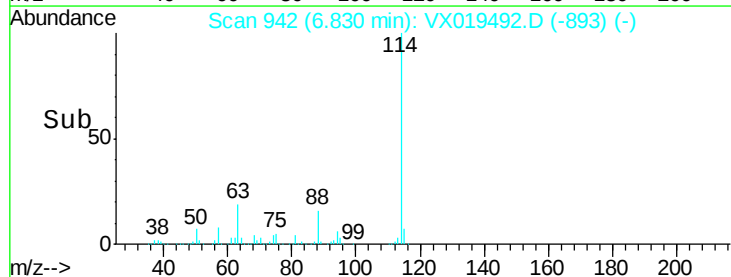
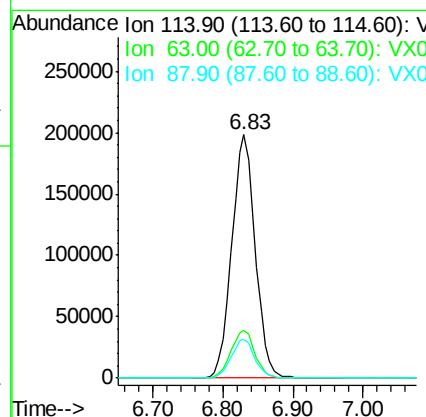
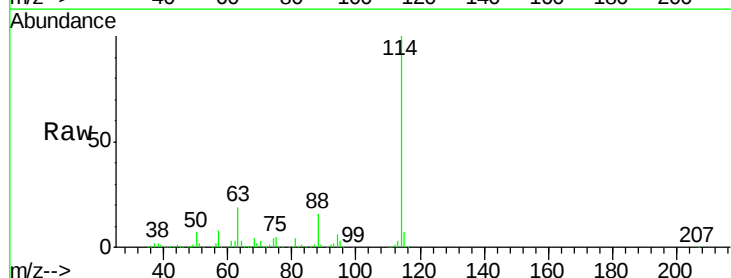
Manual Integrations
 APPROVED

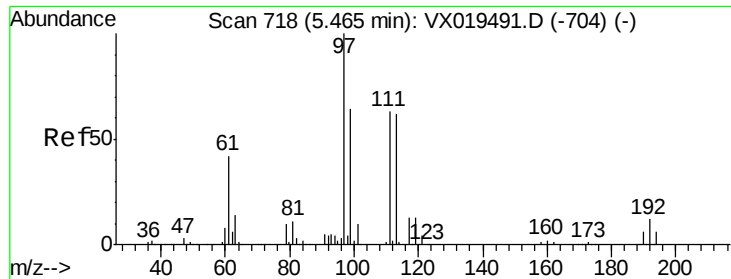
MMDadoda
 11/23/2020 3:50:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	38.8	
88	15.9	0.0	31.6	





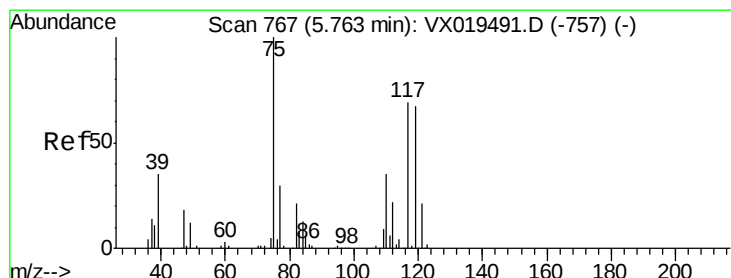
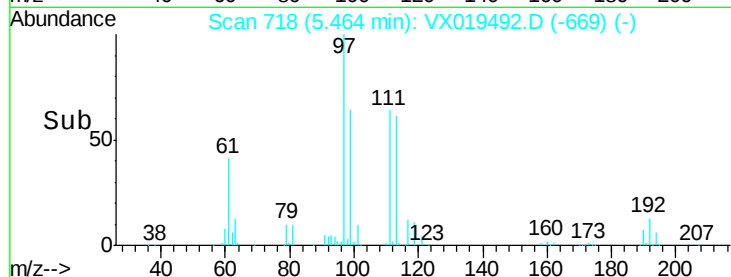
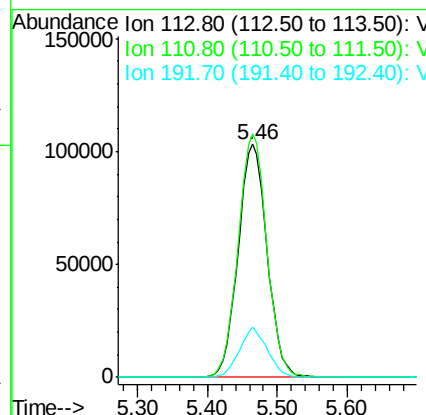
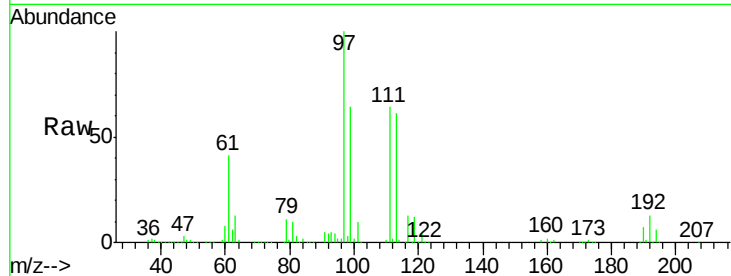
#35
 Dibromofluoromethane
 Concen: 102.599 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	296777		
111	103.6	81.5	122.3	
192	20.6	16.2	24.2	

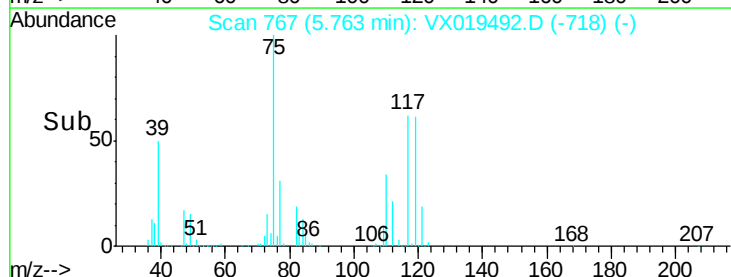
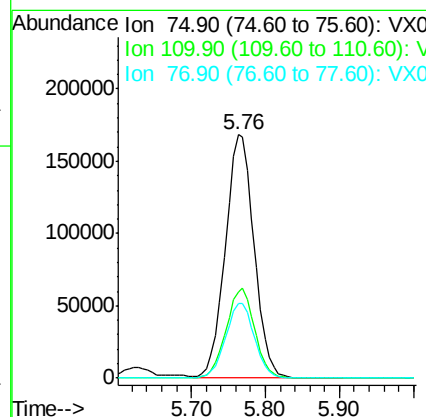
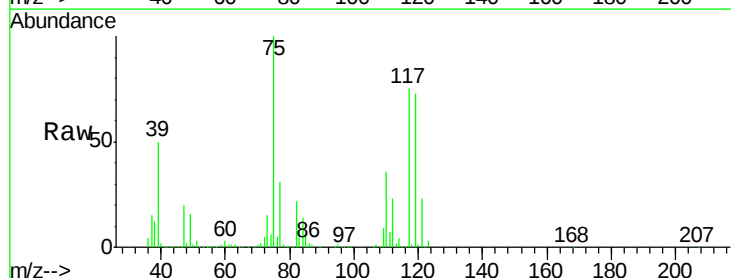
Manual Integrations
 APPROVED

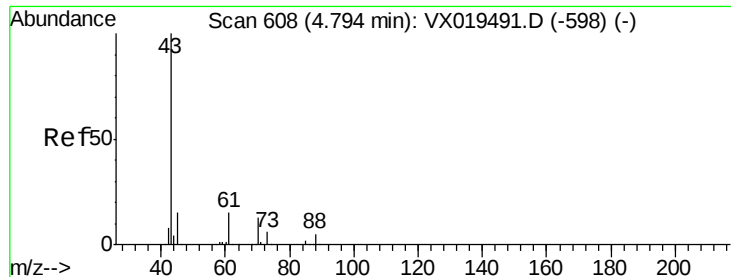
MMDadoda
 11/23/2020 3:50:37 PM



#36
 1,1-Dichloropropene
 Concen: 104.555 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	451703		
110	36.5	18.1	54.3	
77	30.8	24.2	36.4	





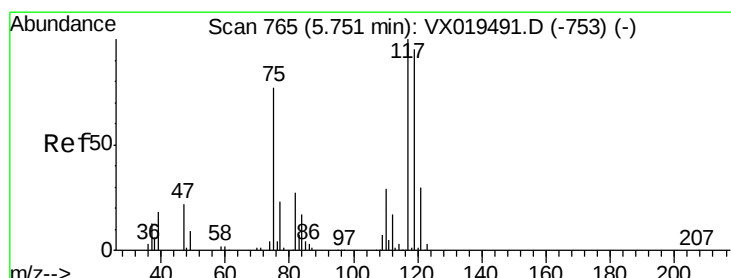
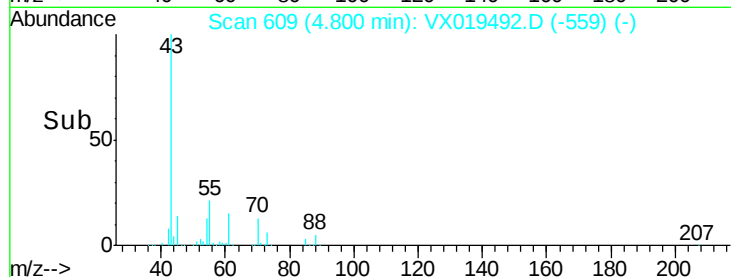
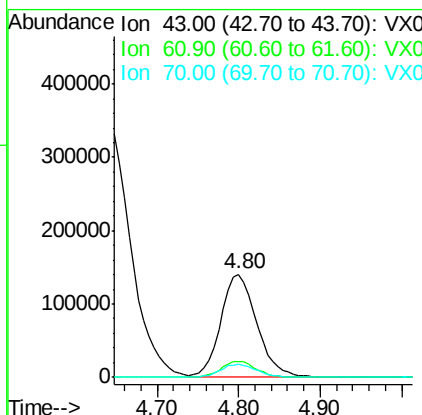
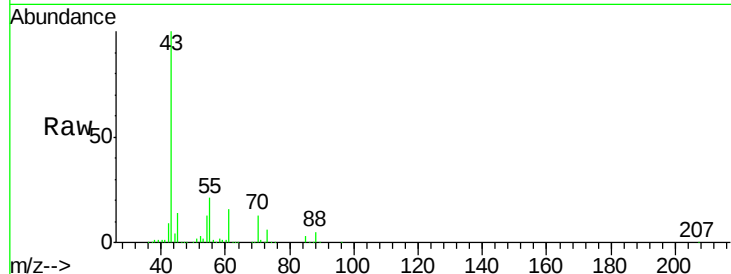
#37
Ethyl Acetate
Concen: 105.136 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.7	19.1
70	13.0	10.2	15.2

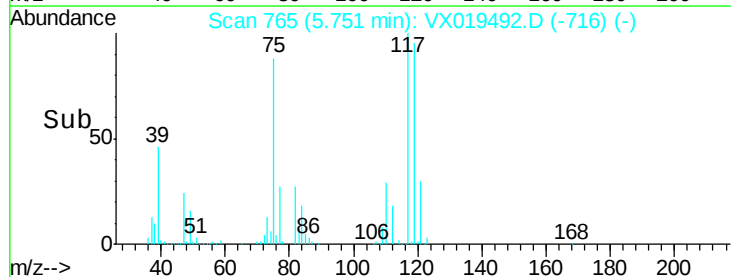
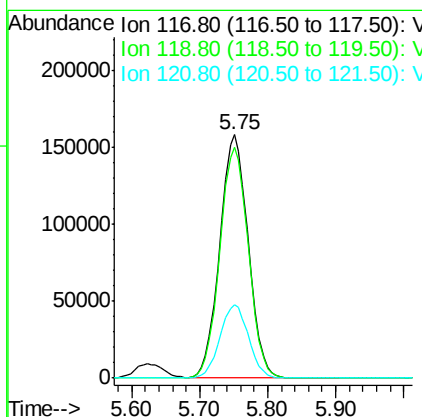
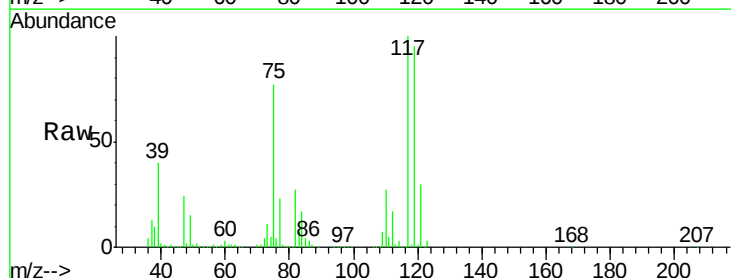
Manual Integrations
APPROVED

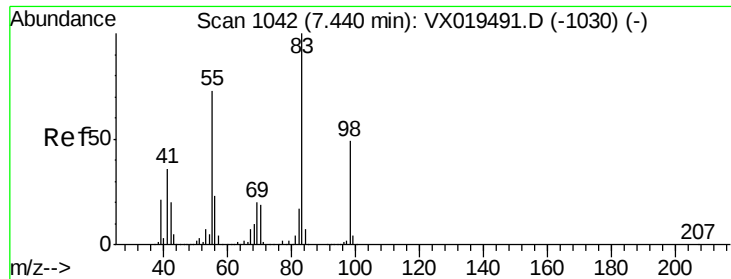
MMDadoda
11/23/2020 3:50:37 PM



#38
Carbon Tetrachloride
Concen: 109.639 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.9	113.9
121	30.0	24.0	36.0





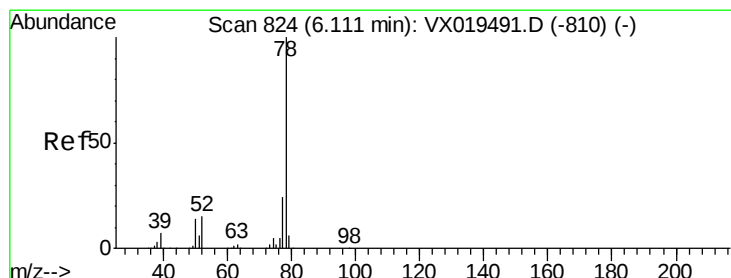
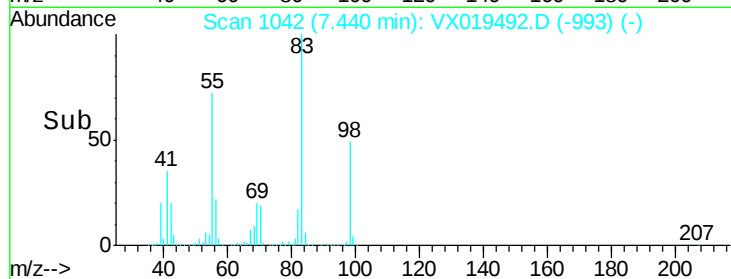
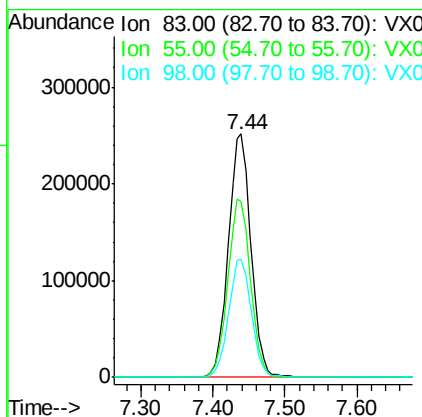
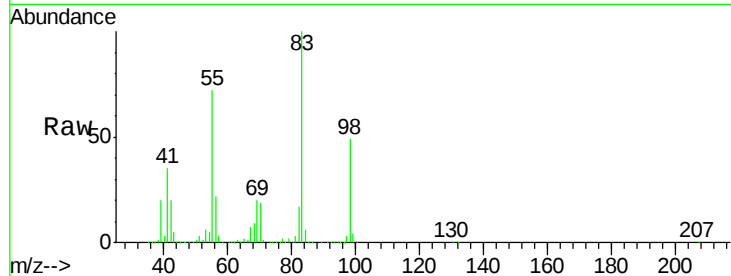
#39
Methylvlcyclohexane
Concen: 109.472 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	58.3	87.5
98	48.7	38.9	58.3

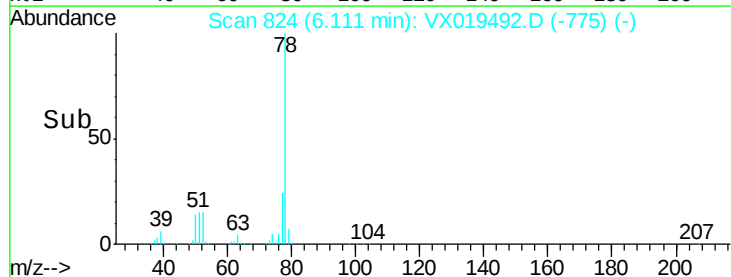
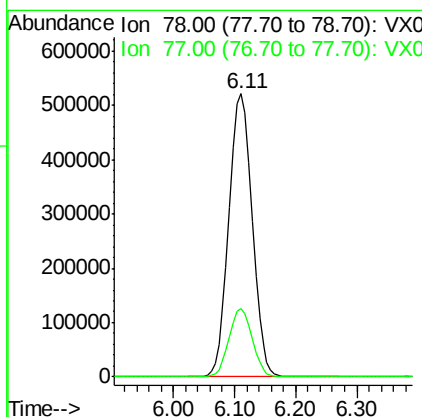
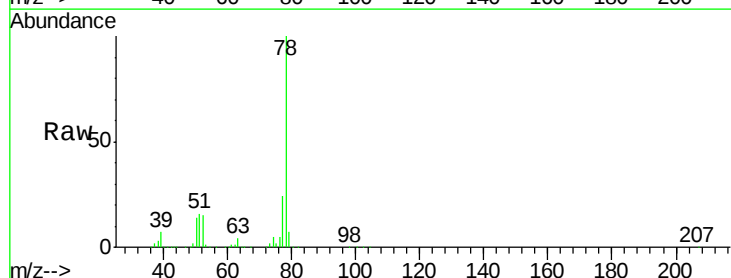
Manual Integrations
APPROVED

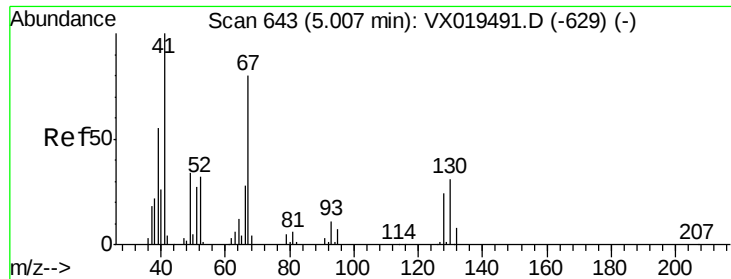
MMDadoda
11/23/2020 3:50:37 PM



#40
Benzene
Concen: 103.433 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





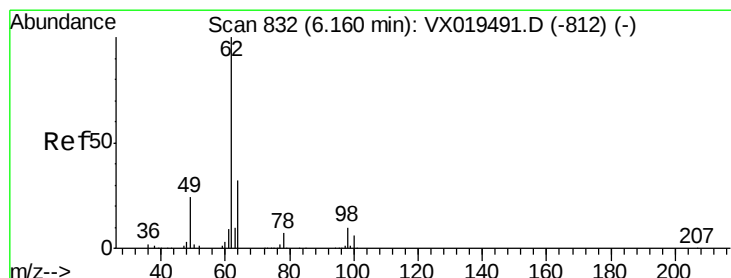
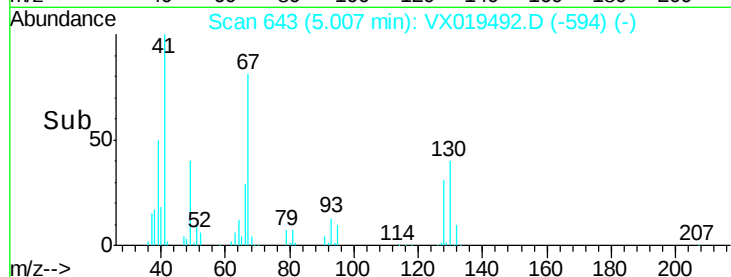
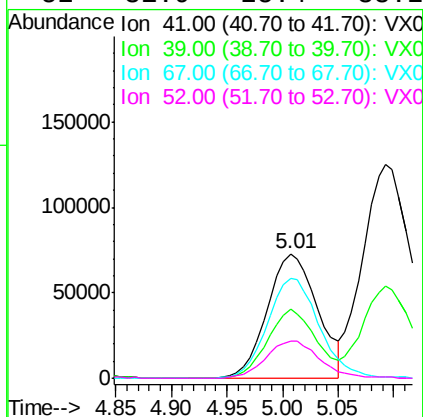
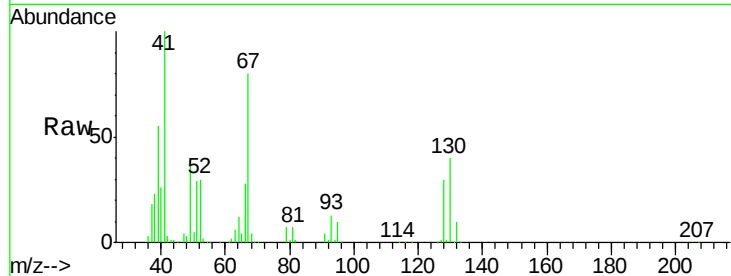
#41
Methacrylonitrile
Concen: 102.229 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		228641		
39	53.5	43.3	64.9		
67	83.8	66.0	99.0		
52	31.9	25.4	38.2		

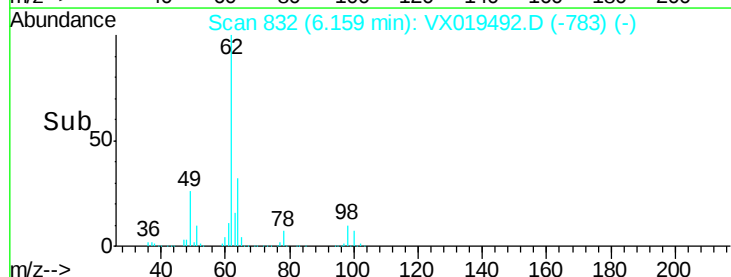
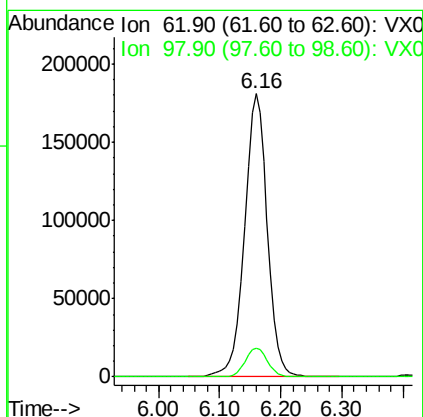
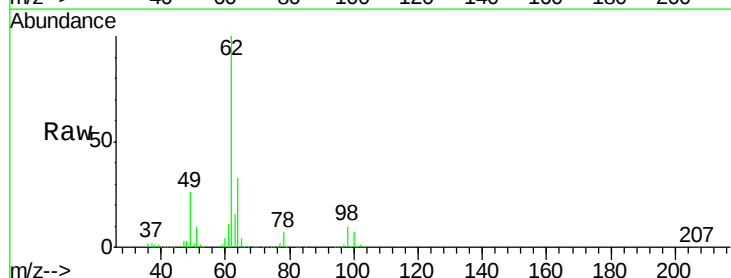
Manual Integrations
APPROVED

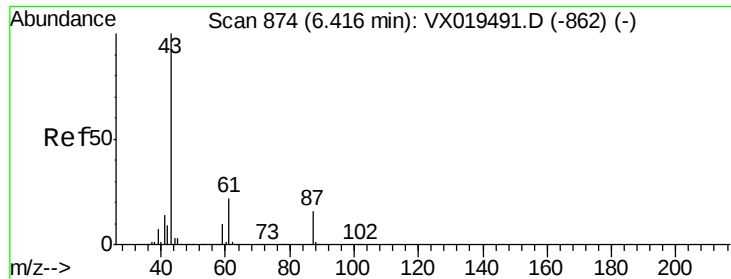
MMDadoda
11/23/2020 3:50:37 PM



#42
1,2-Dichloroethane
Concen: 102.448 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		466109		
98	10.1	0.0	20.0		





#43

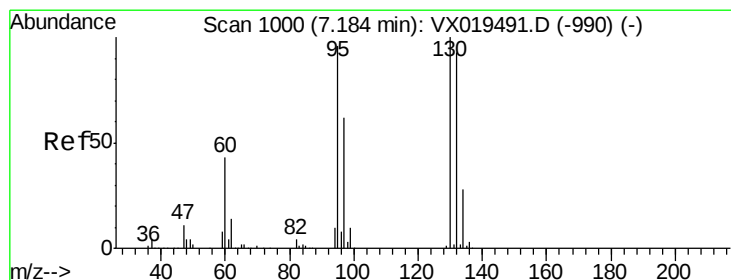
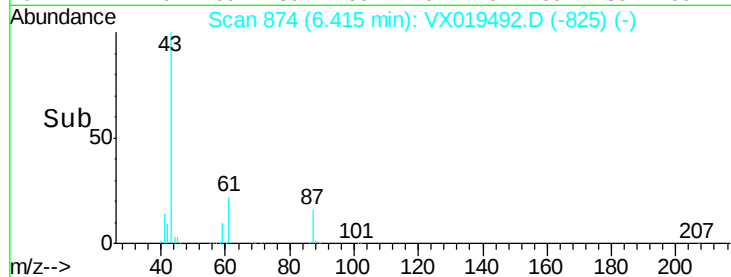
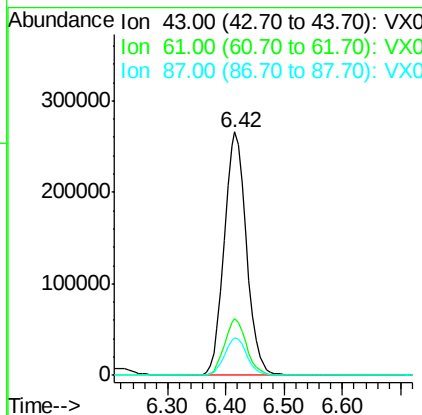
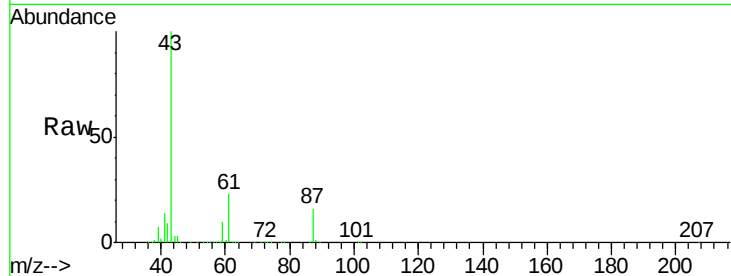
Isopropyl Acetate
 Concen: 103.057 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.5	12.6	18.8

Manual Integrations
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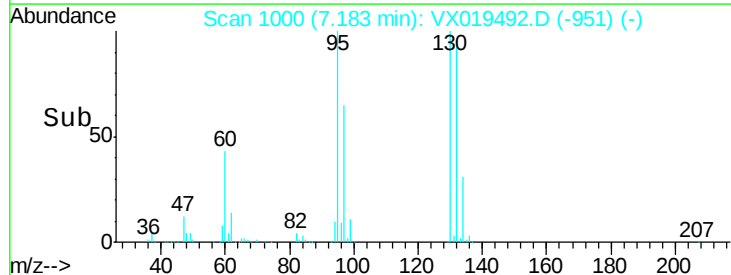
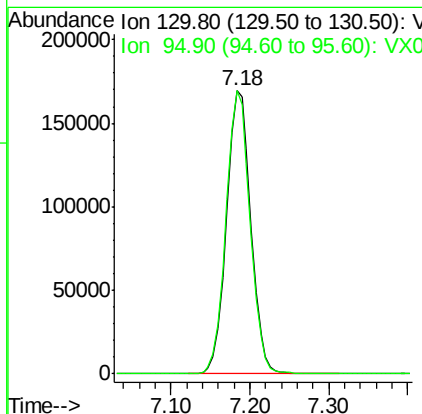
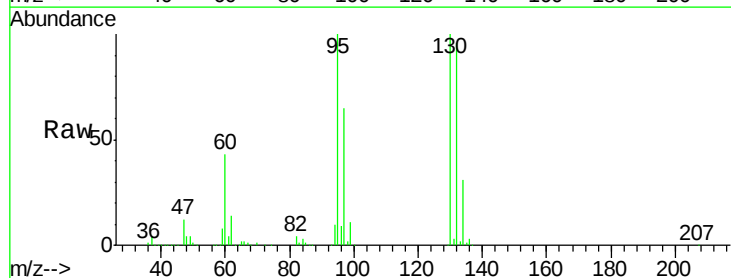
MMDadoda
 11/23/2020 3:50:37 PM

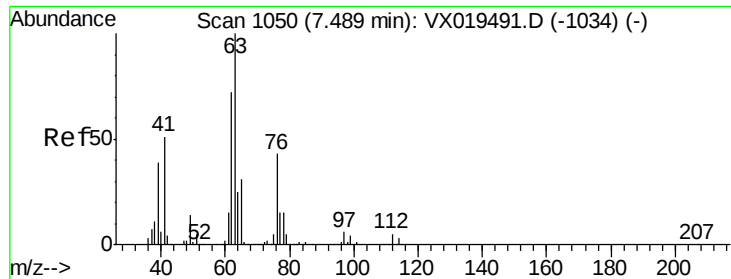


#44

Trichloroethene
 Concen: 104.638 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 104.431 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 341258

Ion Ratio Lower Upper

63 100

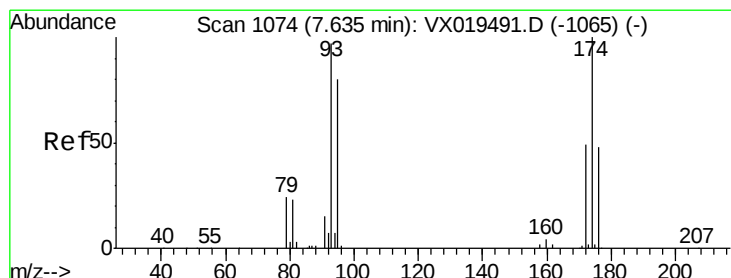
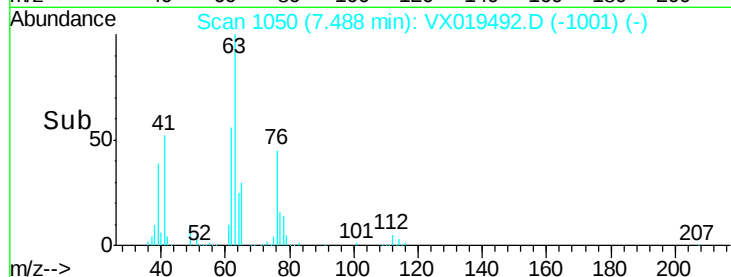
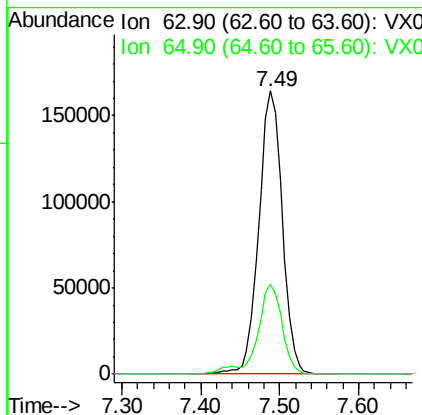
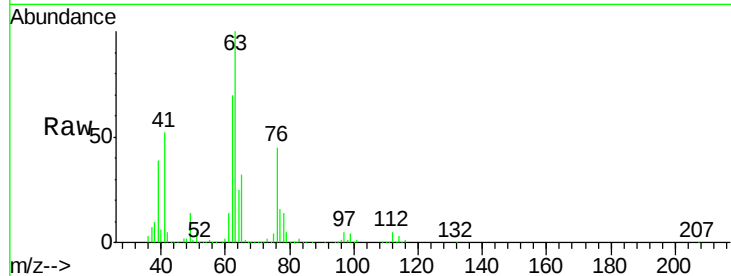
65 31.7 25.0 37.4

Manual Integrations

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MMDadoda

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#46

Dibromomethane

Concen: 105.658 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

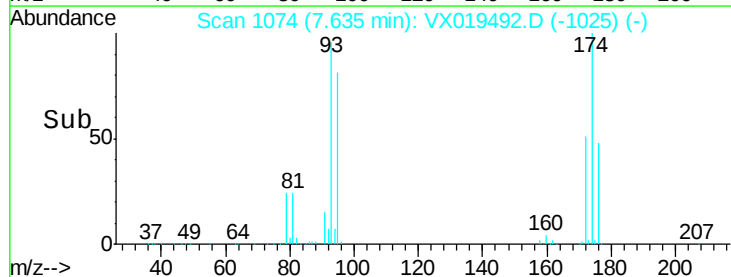
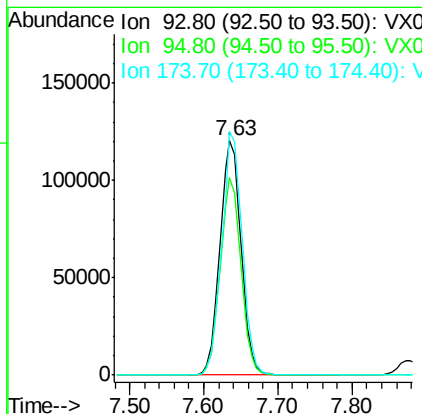
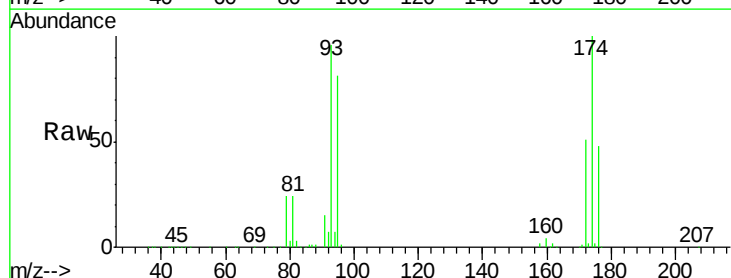
Tgt Ion: 93 Resp: 236311

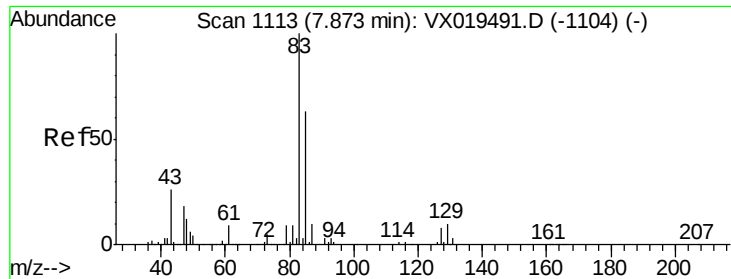
Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

174 100.8 83.0 124.4





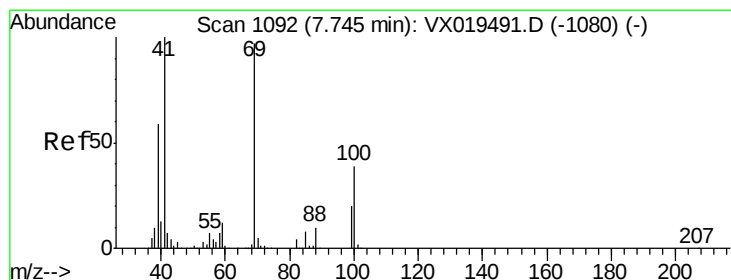
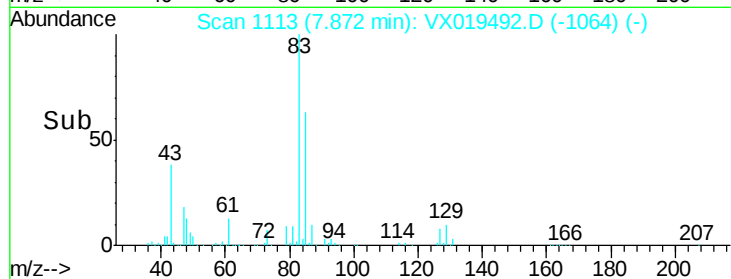
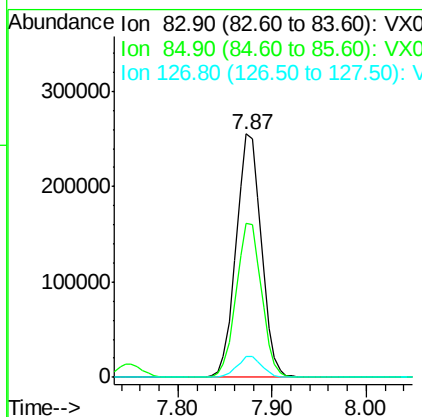
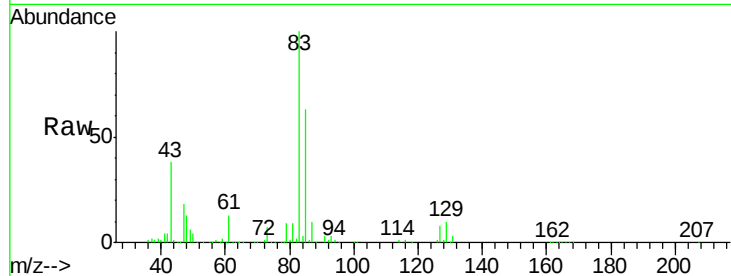
#47
Bromodichloromethane
Concen: 109.692 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.2	75.2
127	8.4	6.4	9.6

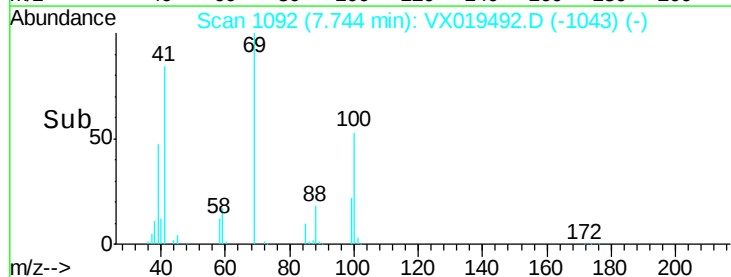
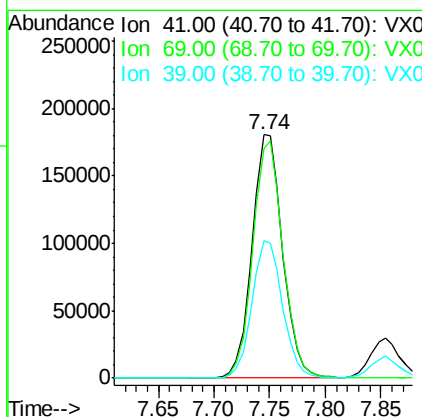
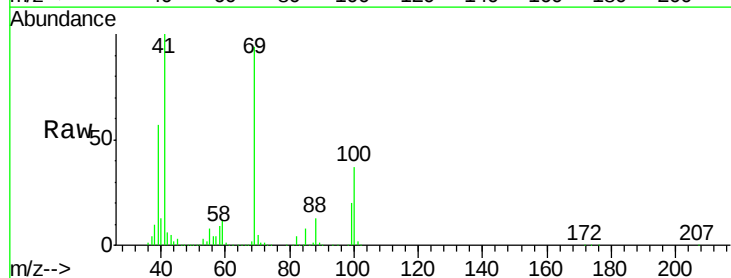
Manual Integrations
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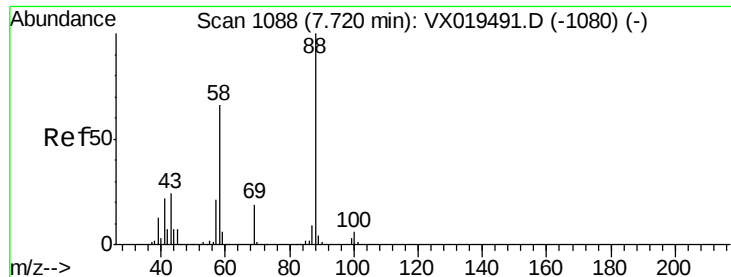
MMDadoda
11/23/2020 3:50:37 PM



#48
Methyl methacrylate
Concen: 108.229 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.3	77.0	115.6
39	56.3	45.6	68.4





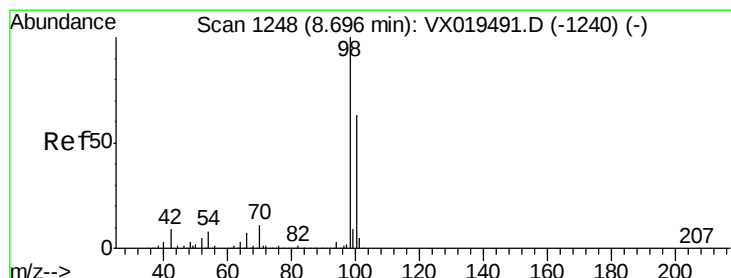
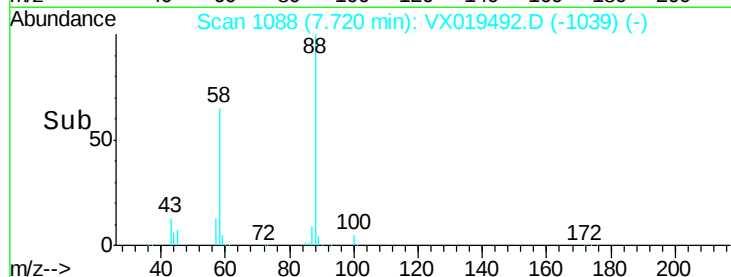
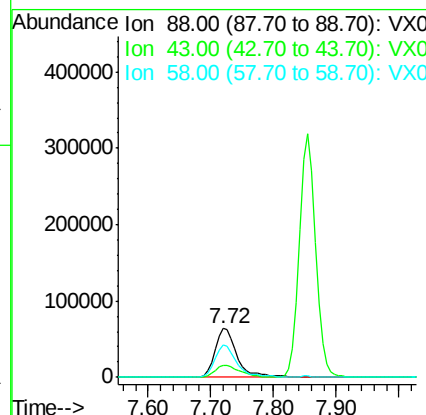
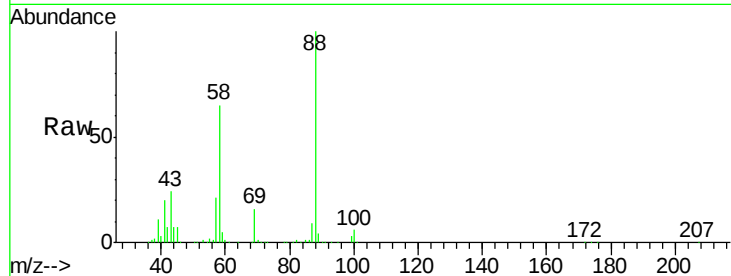
#49
1,4-Dioxane
Concen: 2138.875 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	23.8	35.6
58	66.2	54.2	81.2

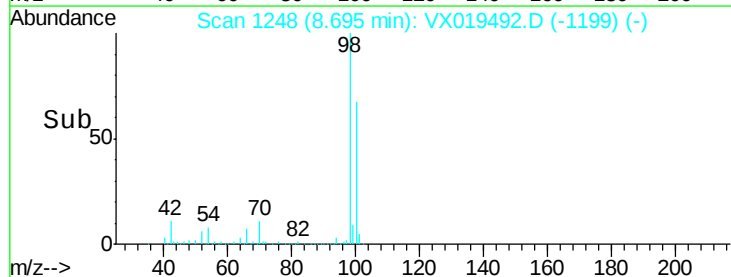
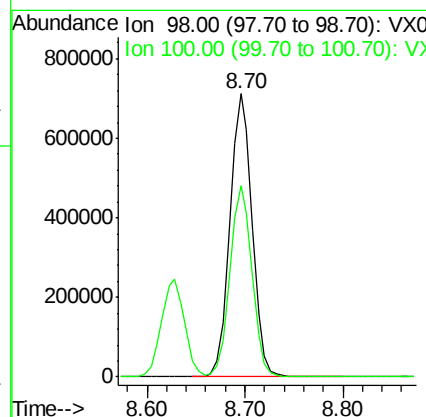
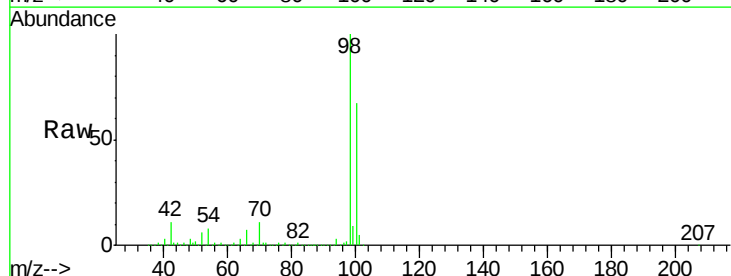
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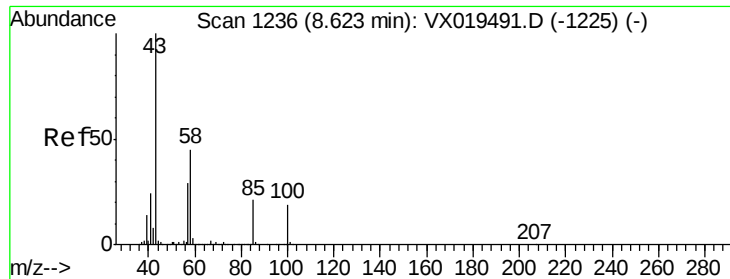
MMDadoda
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#50
Toluene-d8
Concen: 99.032 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.4	78.6





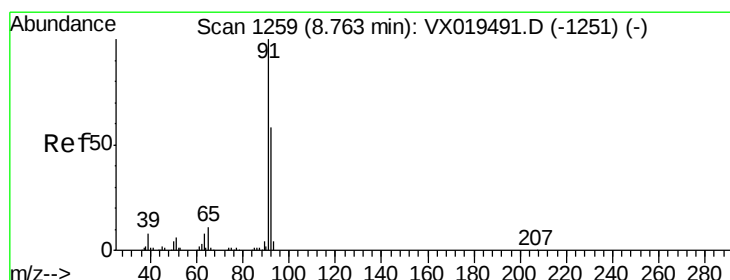
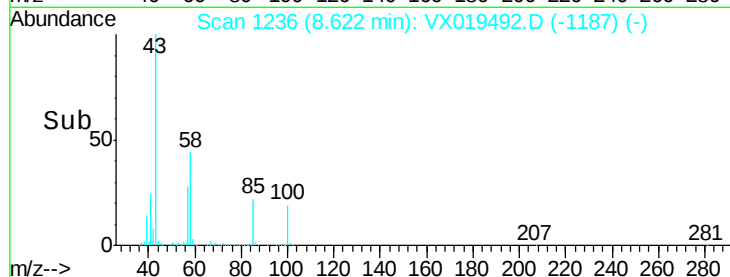
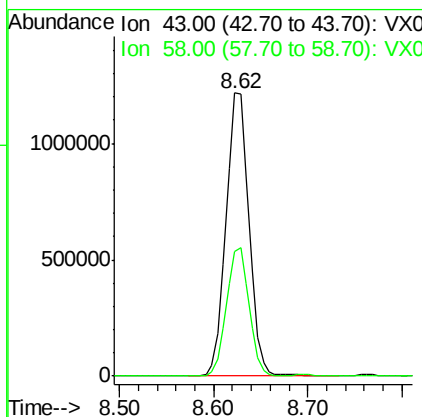
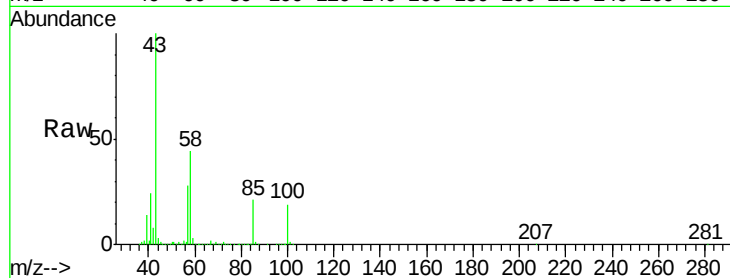
#51
4-Methyl-2-Pentanone
Concen: 519.280 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2064495
Ion Ratio Lower Upper
43 100
58 44.8 35.1 52.7

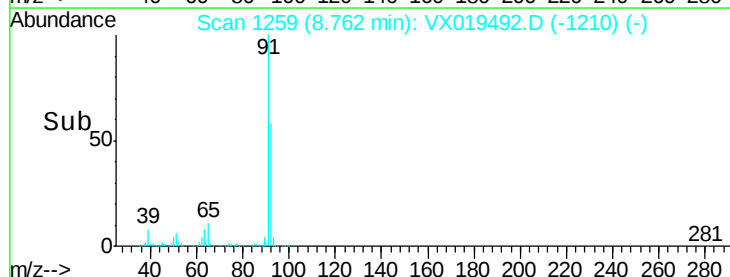
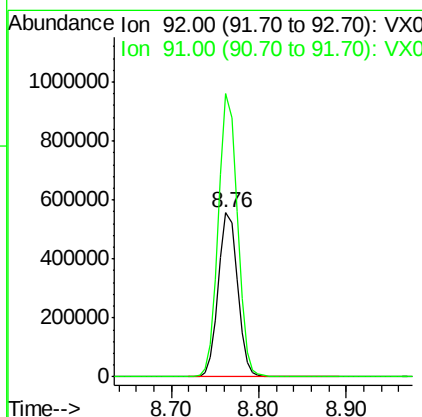
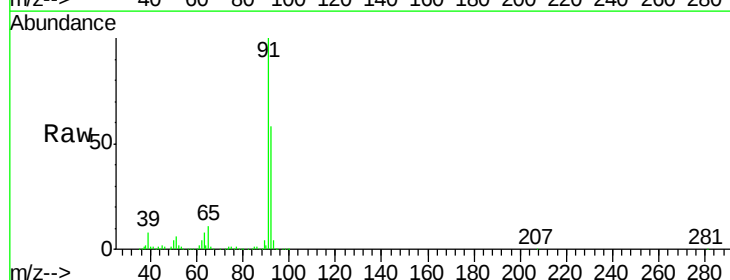
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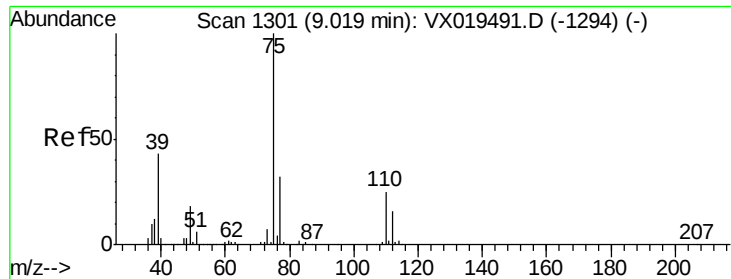
MMDadoda
11/23/2020 3:50:37 PM



#52
Toluene
Concen: 104.980 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 92 Resp: 852475
Ion Ratio Lower Upper
92 100
91 170.3 138.1 207.1





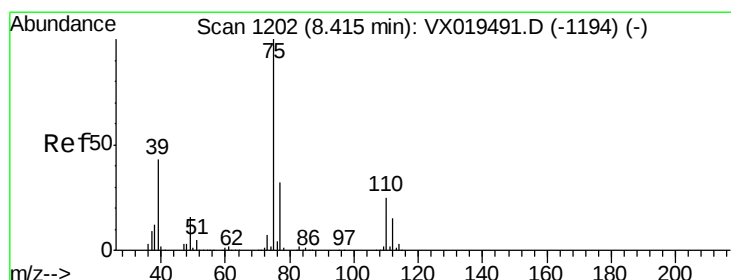
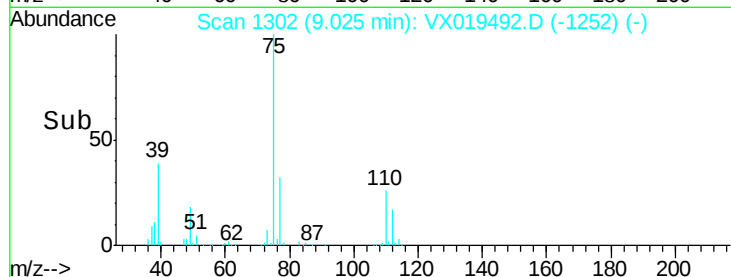
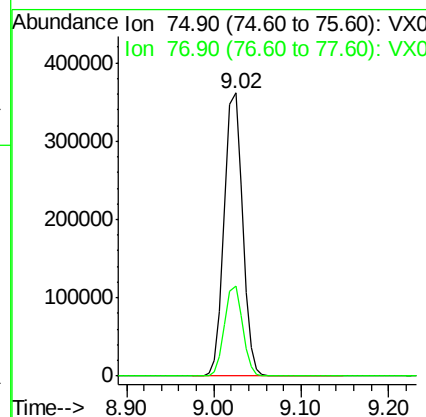
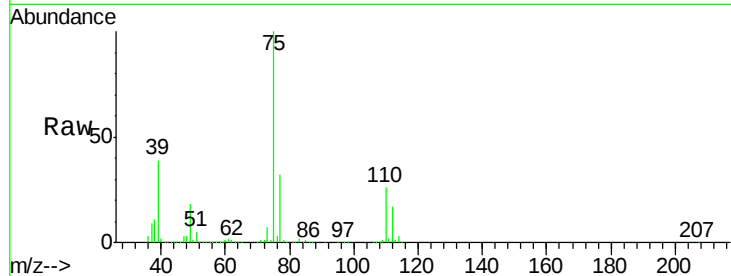
#53
 t-1,3-Dichloropropene
 Concen: 112.104 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 525440
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9

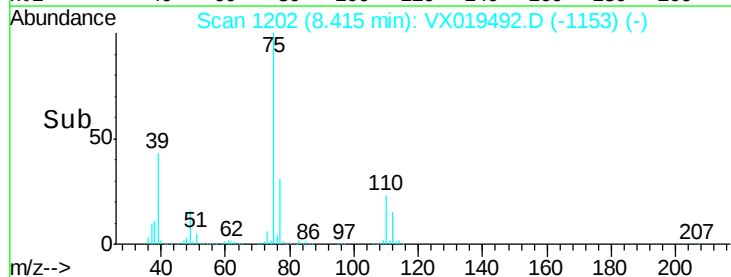
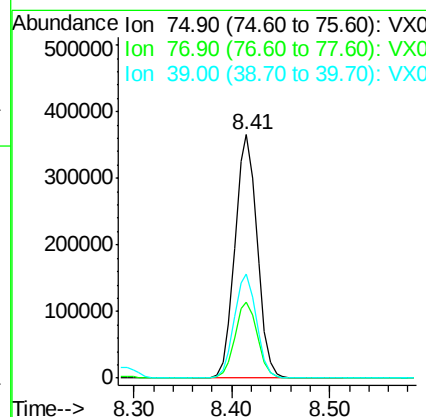
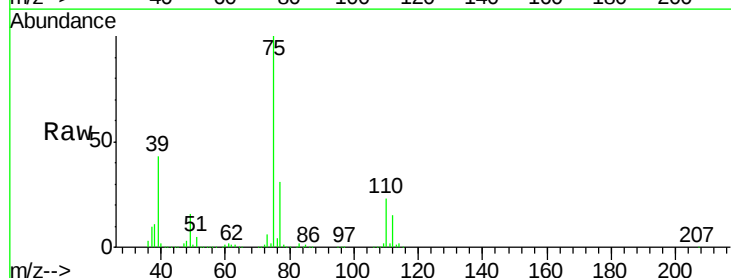
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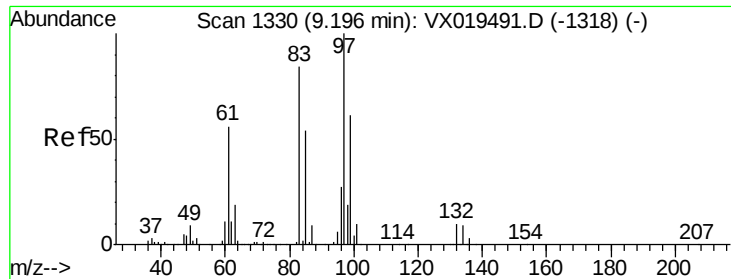
MMDadoda
 11/23/2020 3:50:37 PM



#54
 cis-1,3-Dichloropropene
 Concen: 110.800 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion: 75 Resp: 576331
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.6
 39 42.8 34.6 51.8





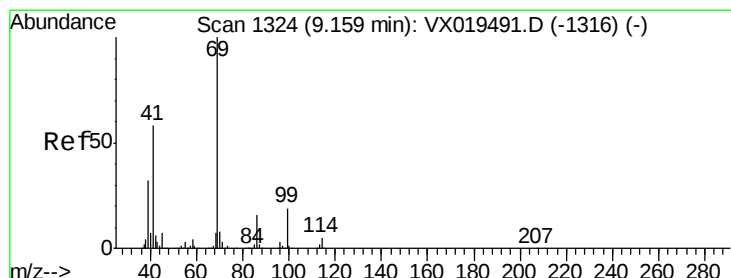
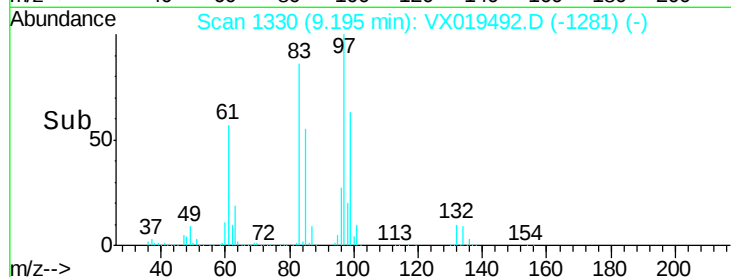
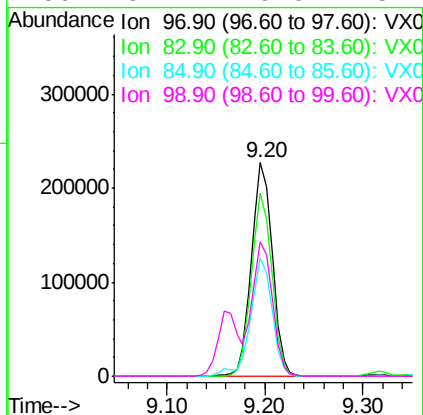
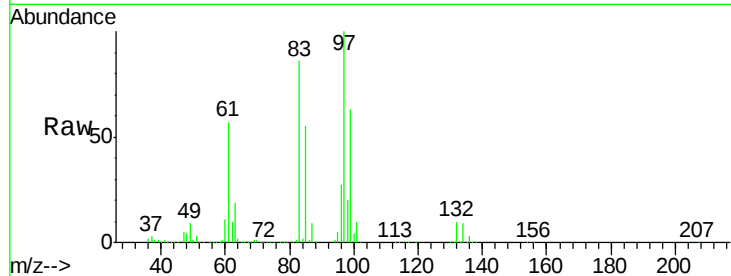
#55
 1,1,2-Trichloroethane
 Concen: 102.943 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	340444
Ion Ratio	Lower	Upper	
97	100		
83	85.8	67.0	100.6
85	55.4	43.4	65.0
99	62.7	49.0	73.4

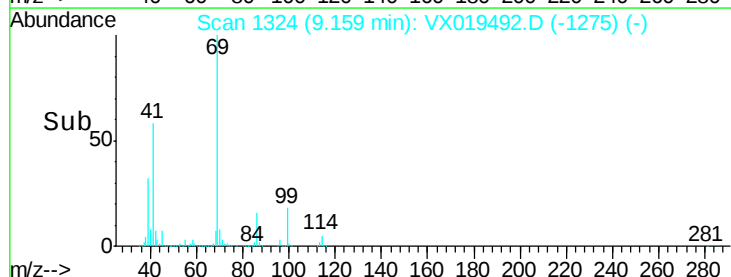
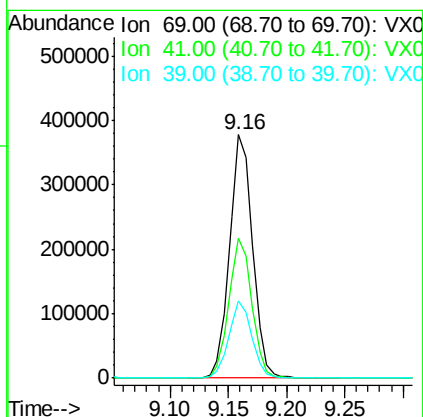
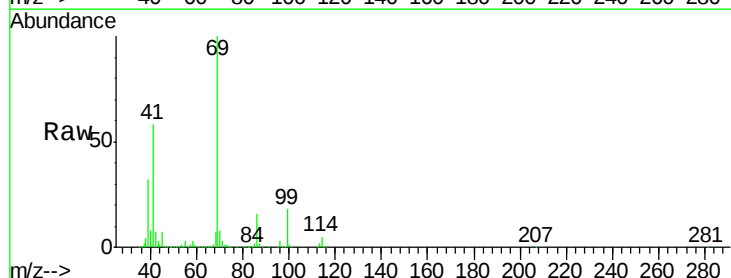
Manual Integrations
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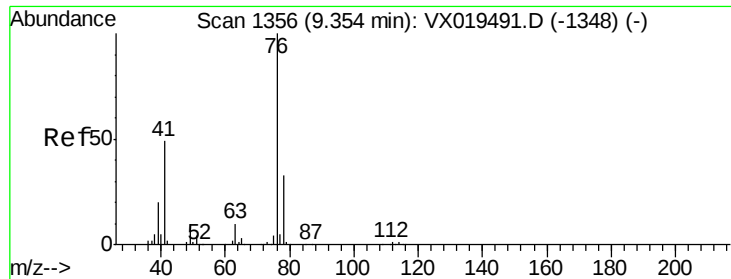
MMDadoda
 11/23/2020 3:50:37 PM



#56
 Ethyl methacrylate
 Concen: 111.260 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion:	69	Resp:	520652
Ion Ratio	Lower	Upper	
69	100		
41	57.4	46.2	69.2
39	31.4	25.5	38.3





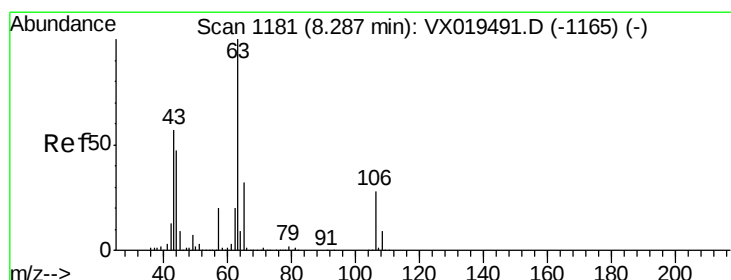
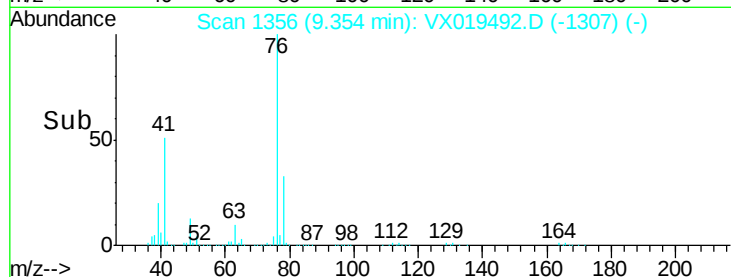
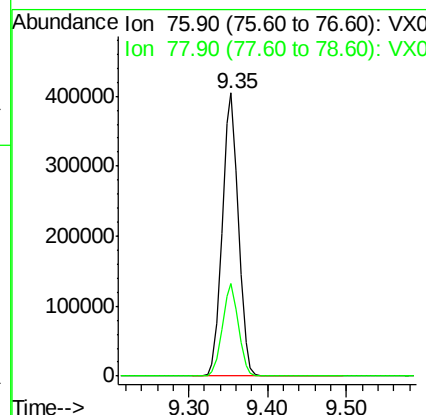
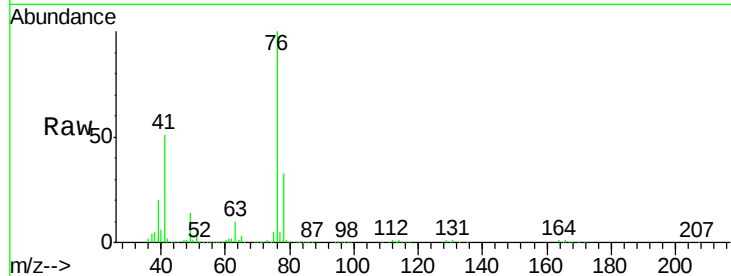
#57
 1,3-Dichloropropane
 Concen: 103.813 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

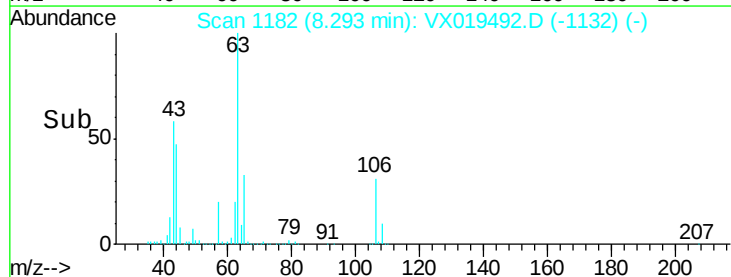
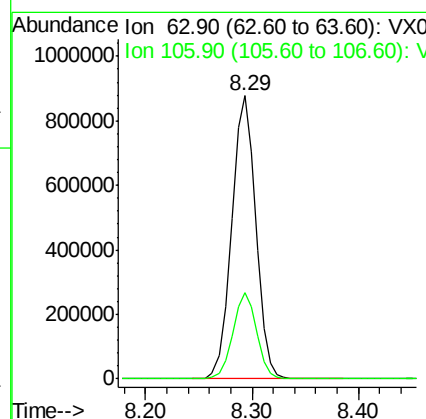
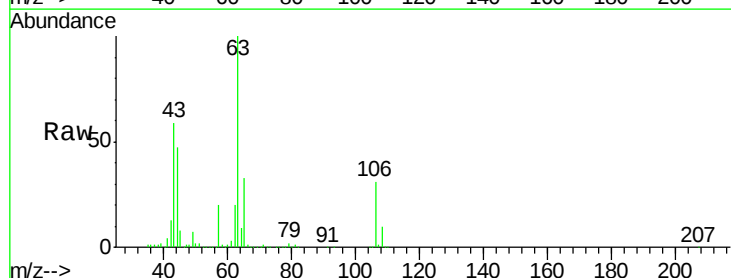
Manual Integrations
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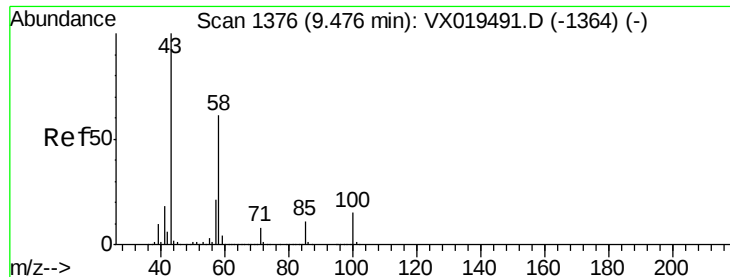
MMDadoda
 11/23/2020 3:50:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 506.773 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	23.7	35.5





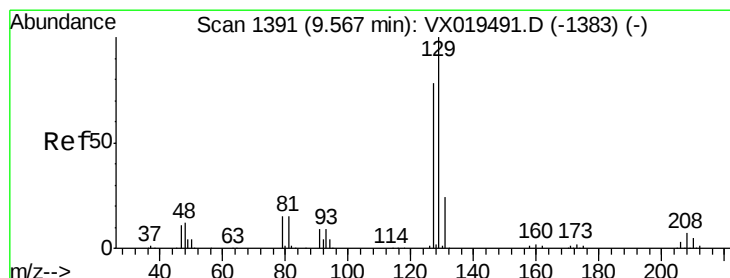
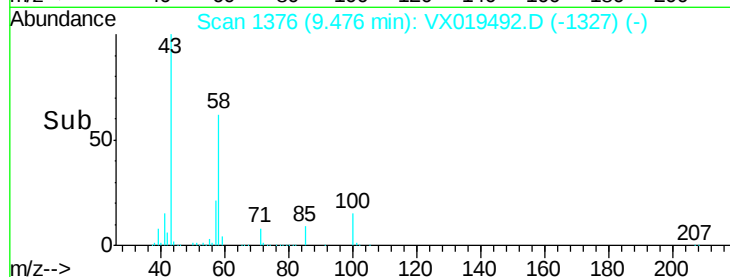
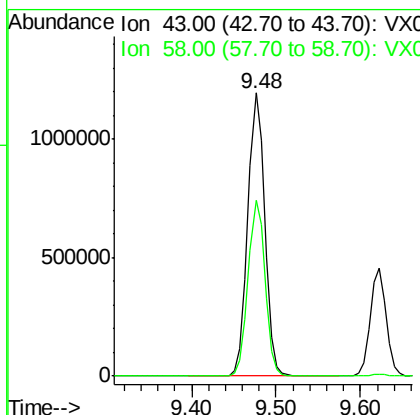
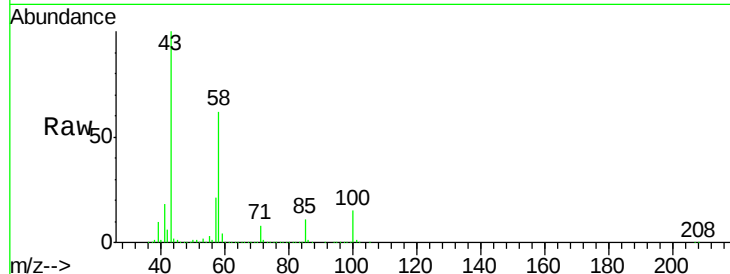
#59
2-Hexanone
Concen: 528.682 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1594107
Ion Ratio Lower Upper
43 100
58 62.2 30.6 91.6

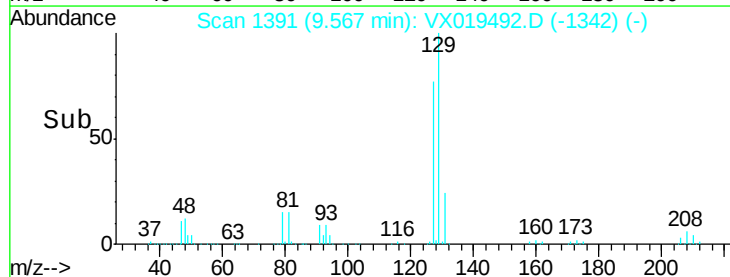
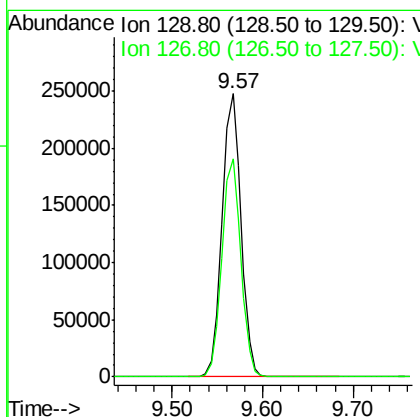
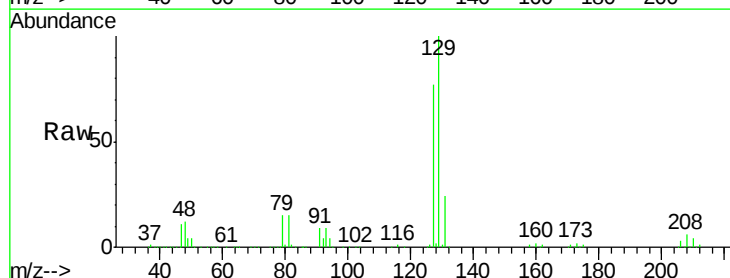
Manual Integrations
APPROVED

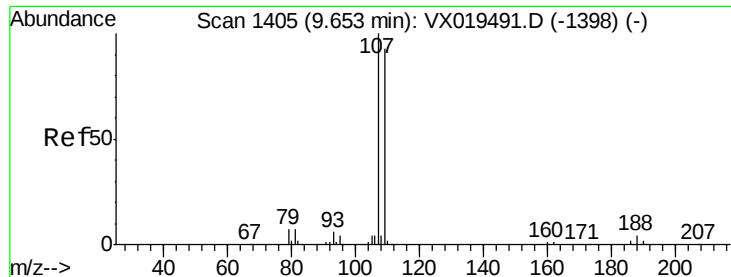
MMDadoda
11/23/2020 3:50:37 PM



#60
Dibromochloromethane
Concen: 111.637 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 129 Resp: 361627
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 104.307 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 355574

Ion Ratio Lower Upper

107 100

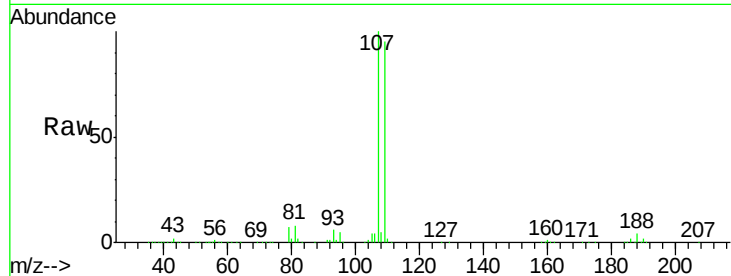
109 94.5 74.8 112.2

Manual Integrations

APPROVED

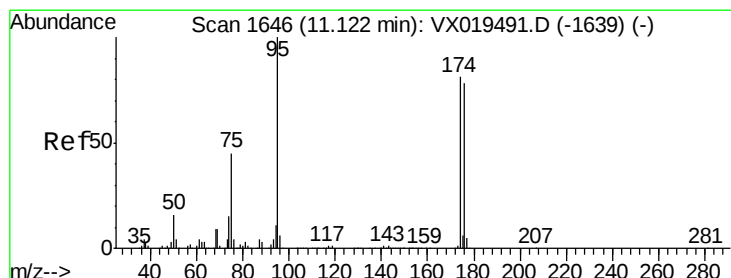
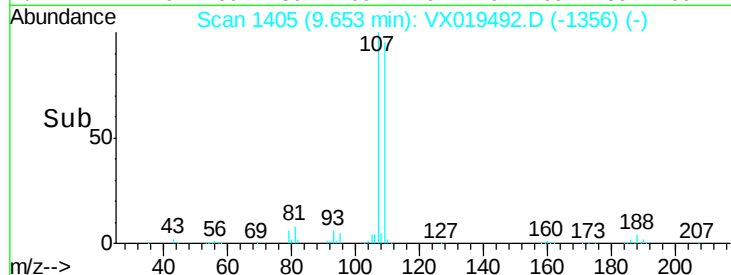
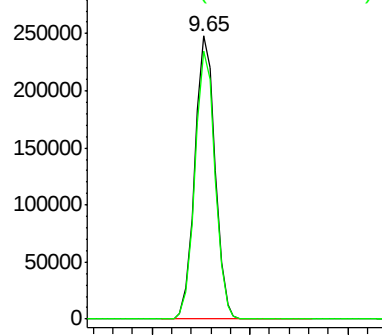
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 103.301 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

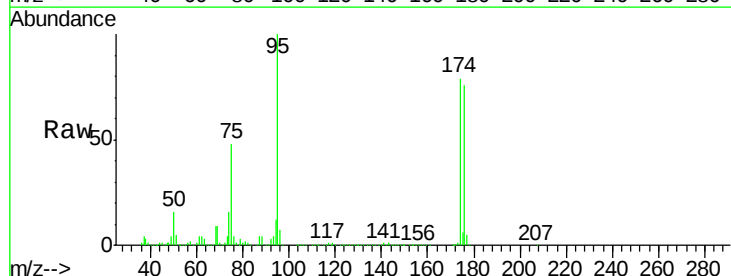
Tgt Ion: 95 Resp: 417762

Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.2

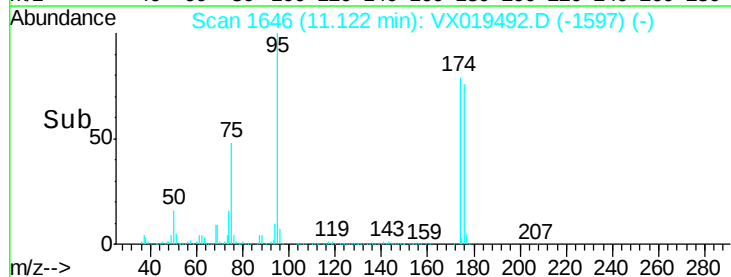
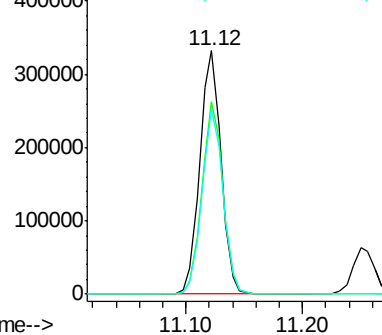
176 75.3 0.0 151.4

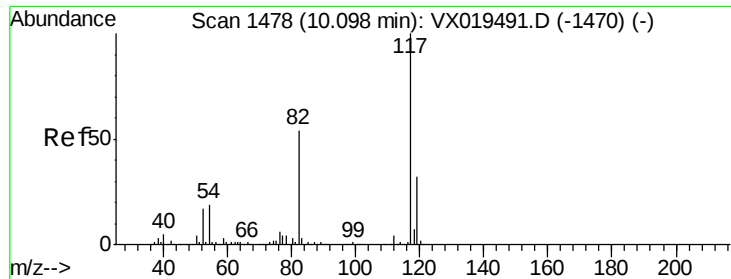


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





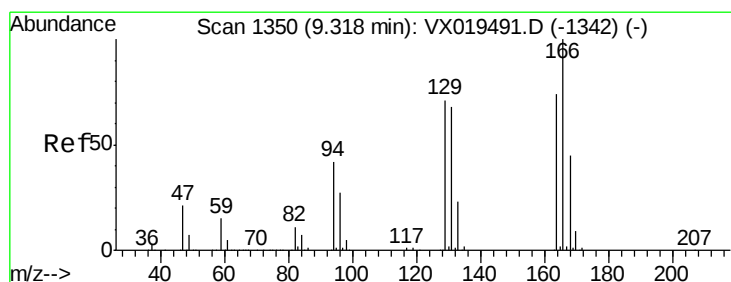
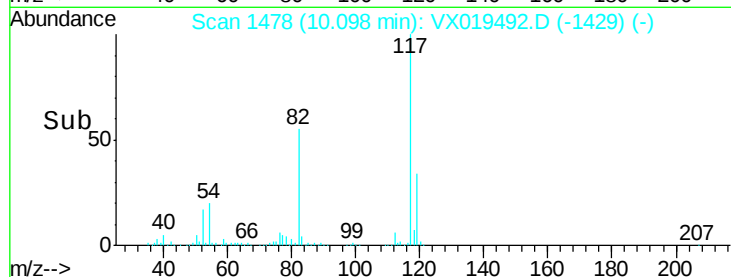
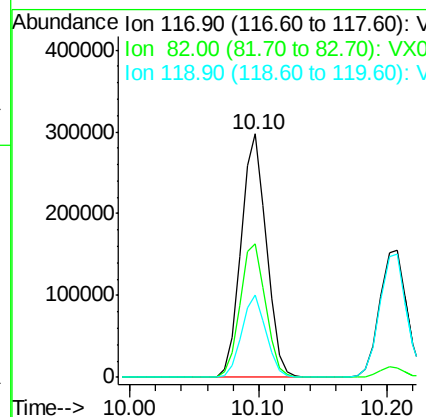
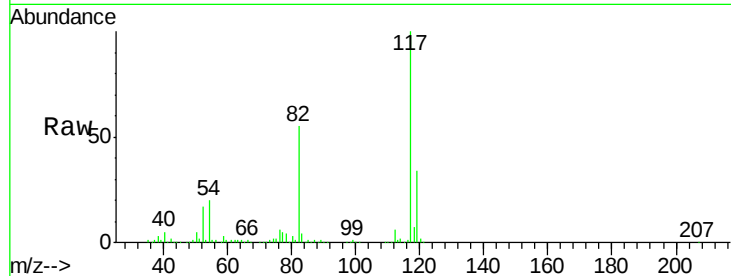
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	33.8	25.6	38.4

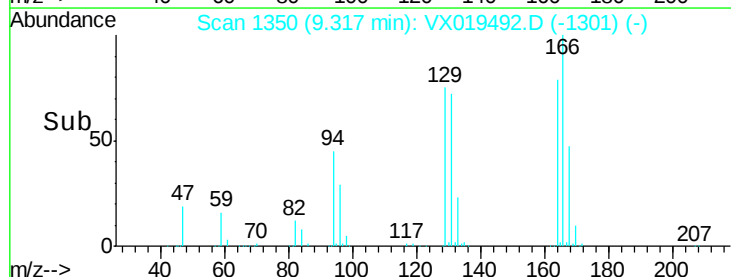
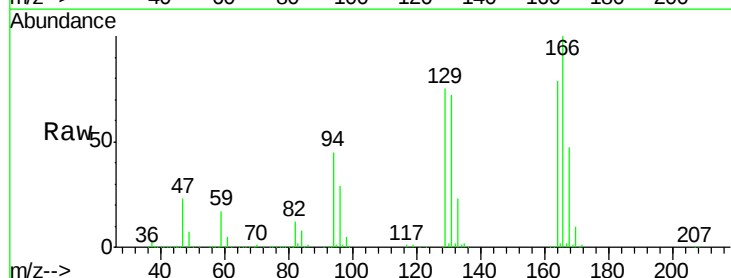
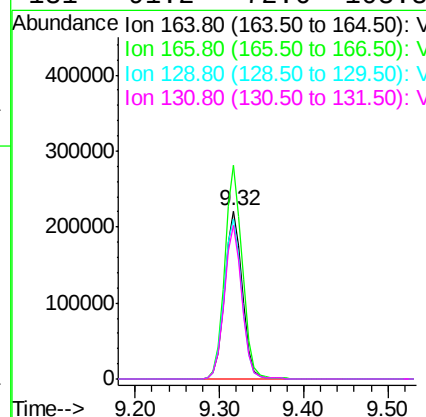
Manual Integrations
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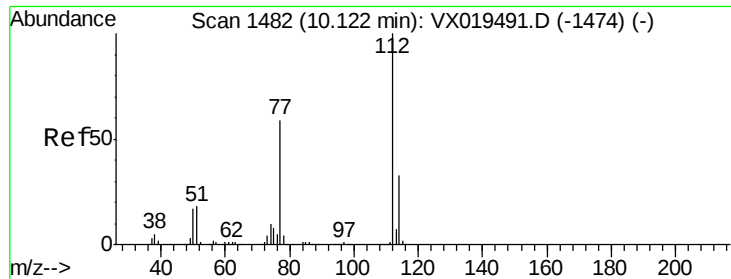
MMDadoda
11/23/2020 3:50:37 PM



#64
Tetrachloroethene
Concen: 100.345 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	107.4	161.0
129	95.0	76.6	114.8
131	91.2	72.6	108.8





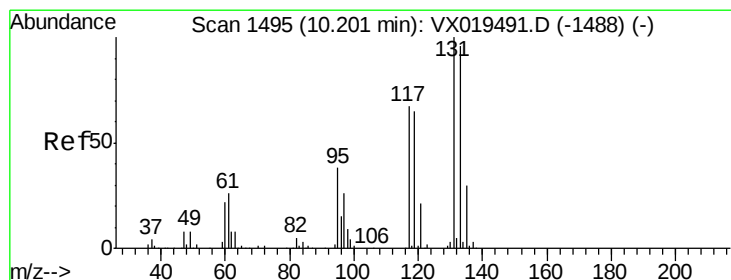
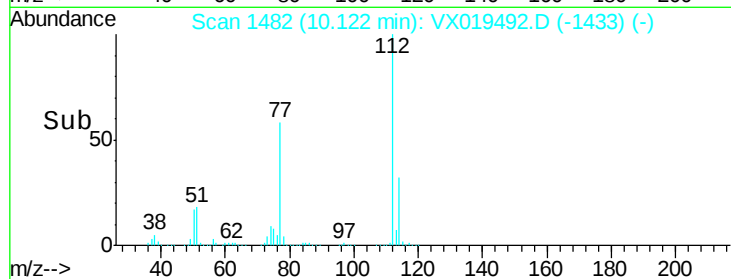
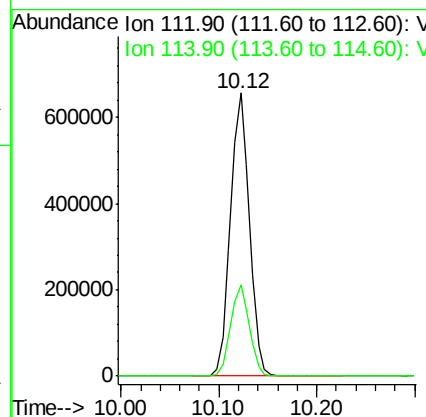
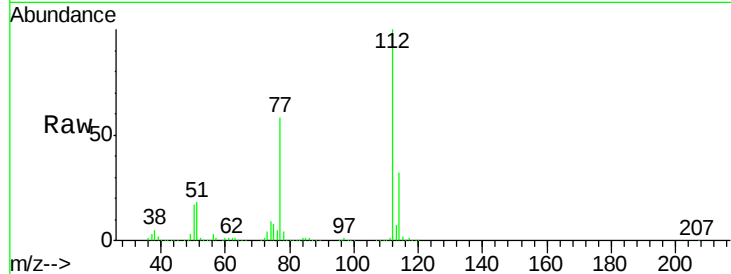
#65
Chlorobenzene
Concen: 106.366 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 886360
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

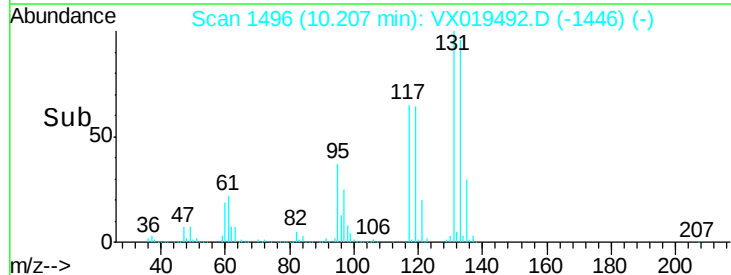
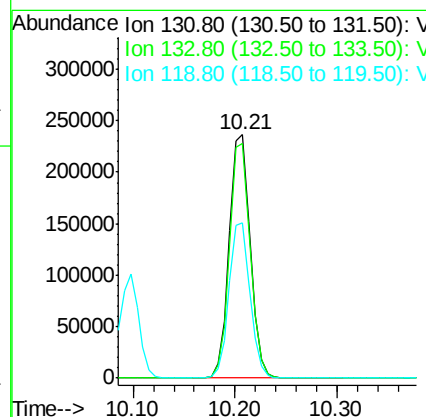
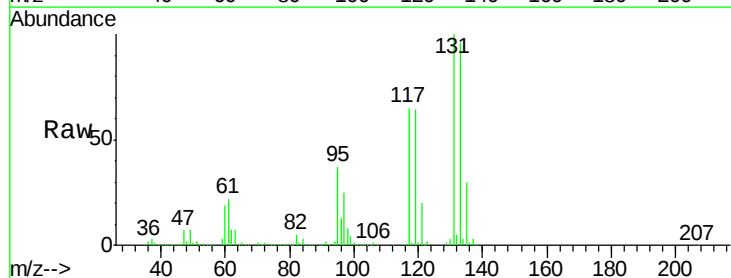
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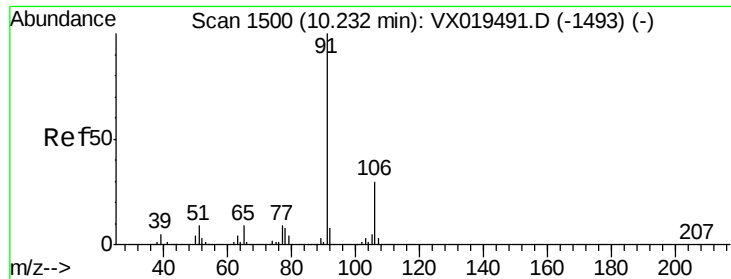
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#66
1,1,1,2-Tetrachloroethane
Concen: 110.965 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion:131 Resp: 336343
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 63.9 33.0 99.0





#67

Ethyl Benzene

Concen: 108.834 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1588793

Ion Ratio Lower Upper

91 100

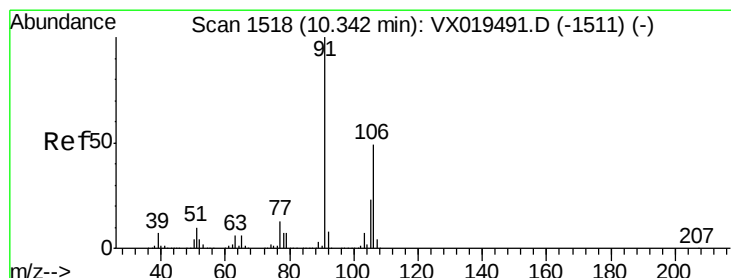
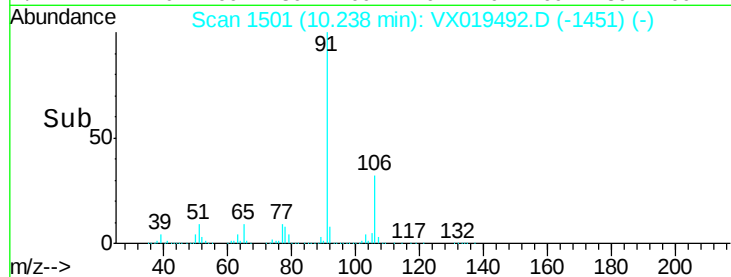
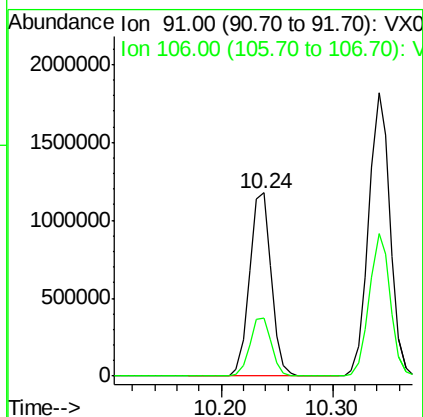
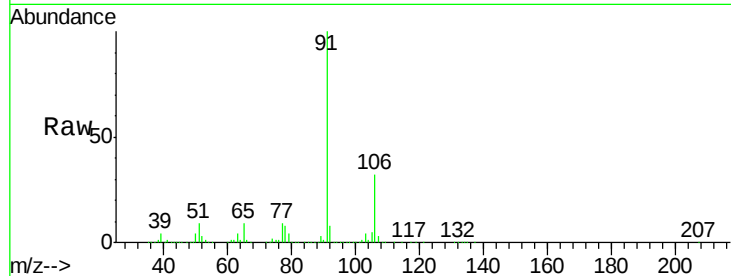
106 31.9 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 221.961 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019492.D

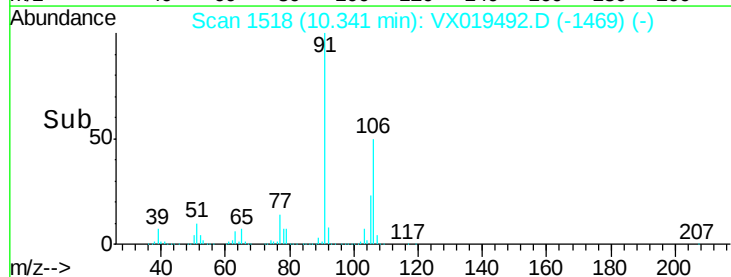
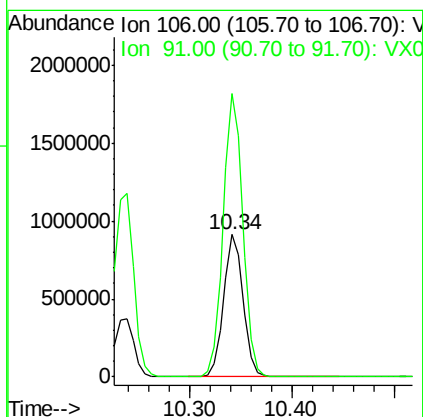
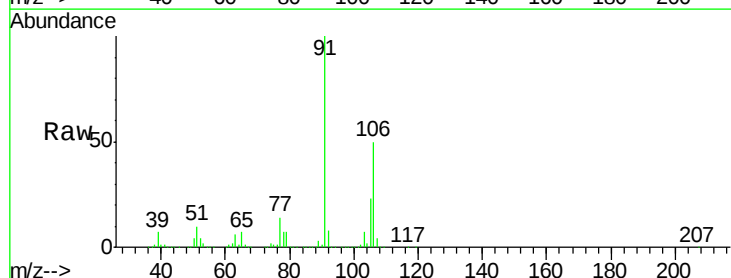
Acq: 20 Nov 2020 11:17

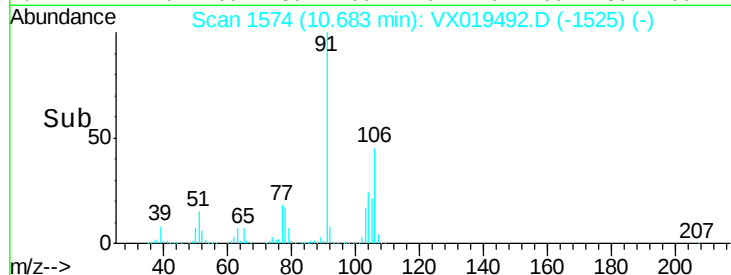
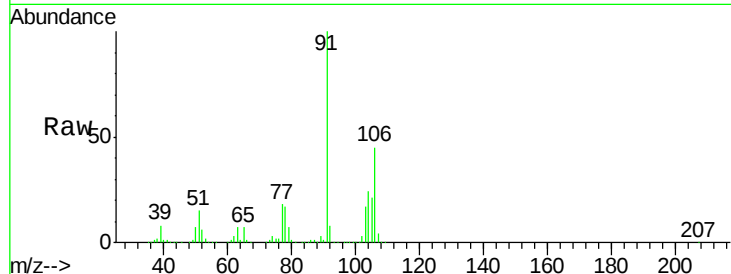
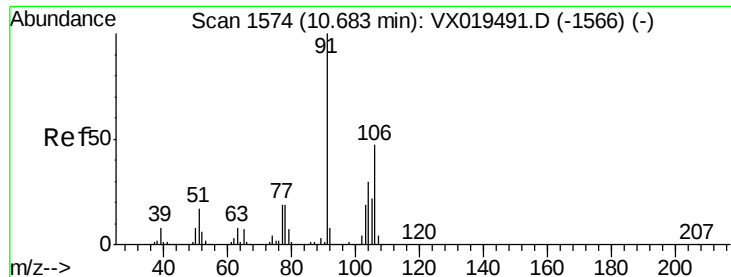
Tgt Ion: 106 Resp: 1207200

Ion Ratio Lower Upper

106 100

91 202.1 163.3 244.9





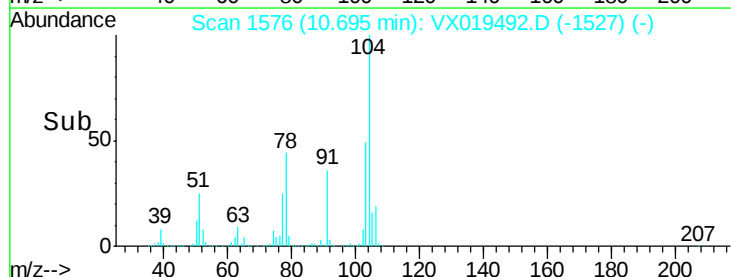
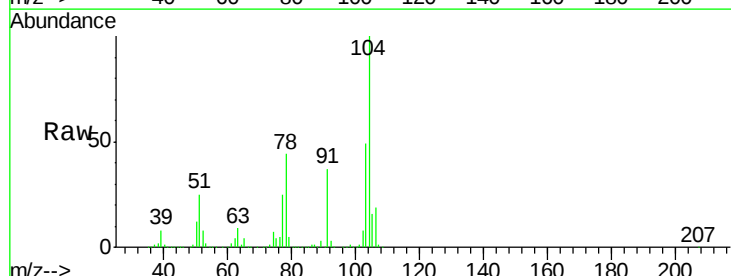
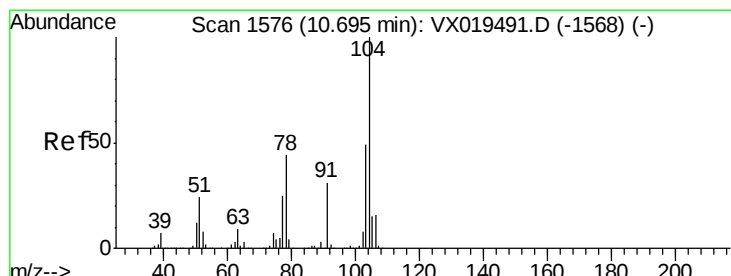
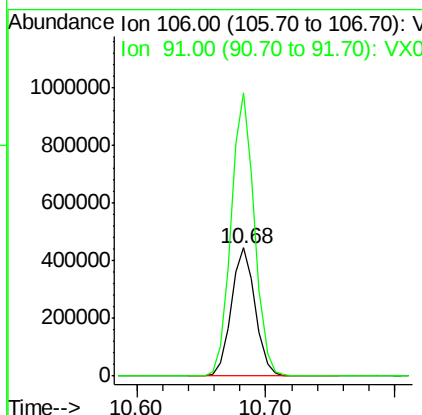
#69
o-Xylene
Concen: 110.591 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tot Ion:106 Resp: 574972
Ion Ratio Lower Upper
106 100
91 216.1 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

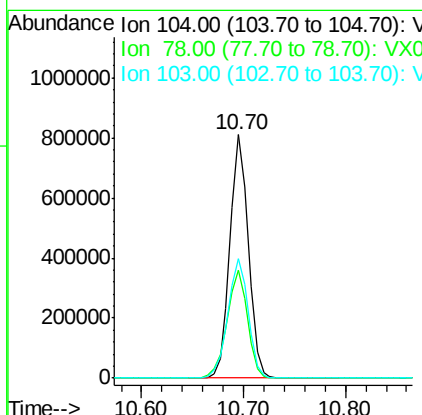
Manual Integrations
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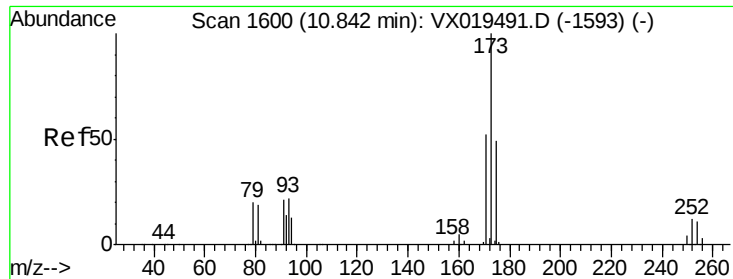
MMDadoda
11/23/2020 3:50:37 PM



#70
Styrene
Concen: 116.709 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion:104 Resp: 1007233
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.3 43.6 65.4





#71

Bromoform

Concen: 120.048 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 266076

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.8

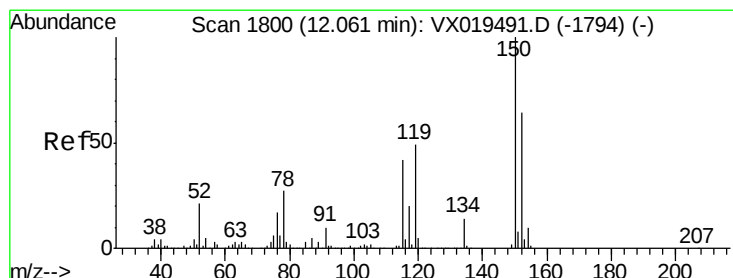
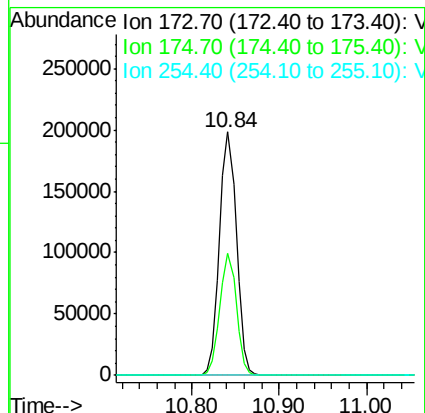
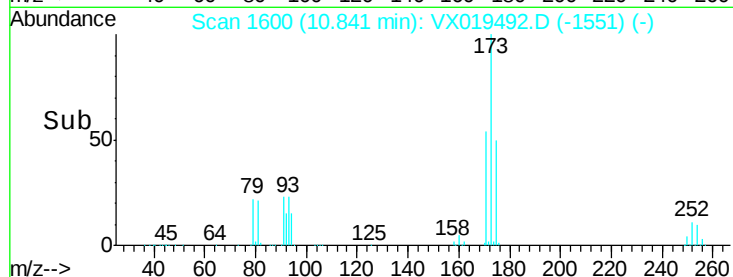
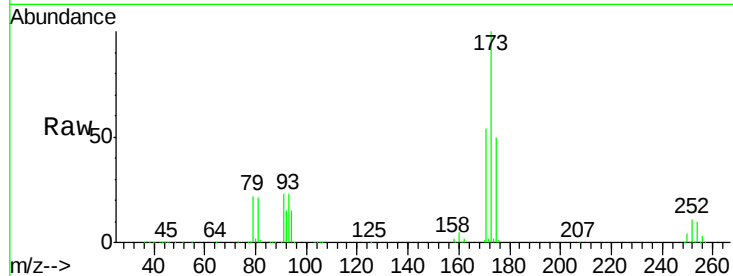
254 0.2 0.1 0.1#

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

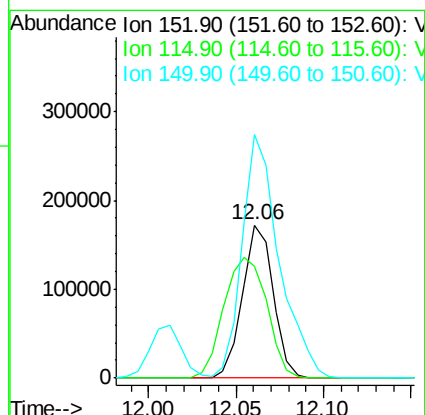
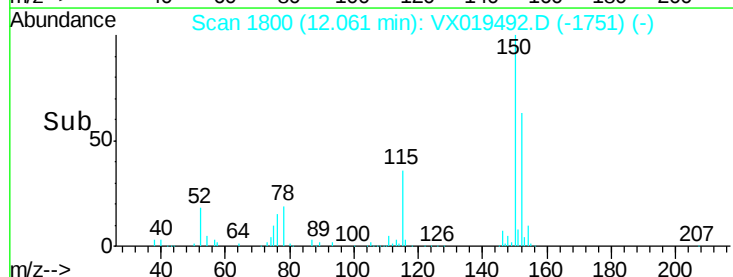
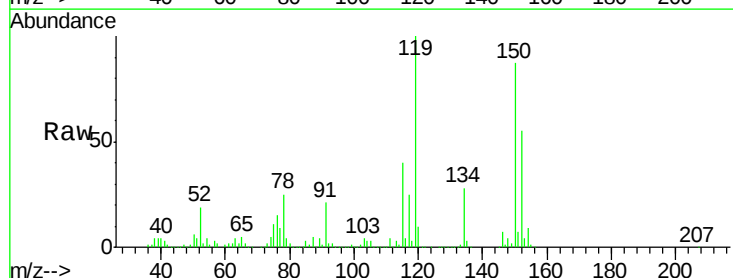
Tgt Ion:152 Resp: 210707

Ion Ratio Lower Upper

152 100

115 109.9 41.8 125.4

150 191.6 0.0 348.2





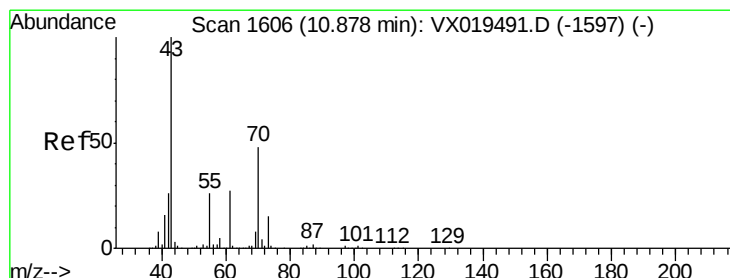
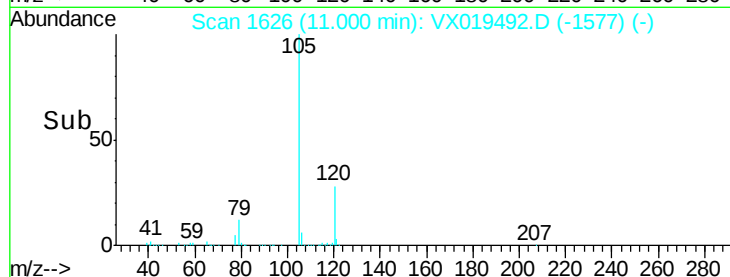
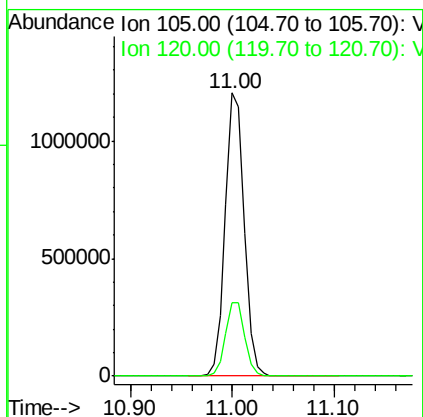
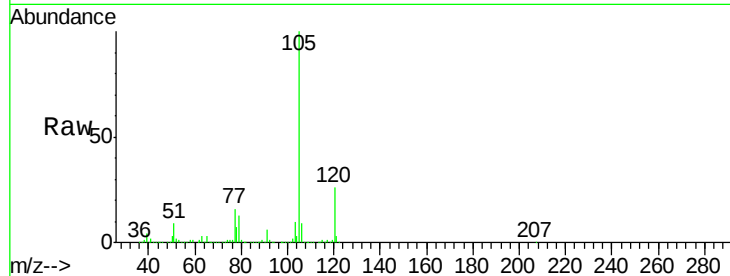
#73
Isopropylbenzene
Concen: 106.644 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1554470
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

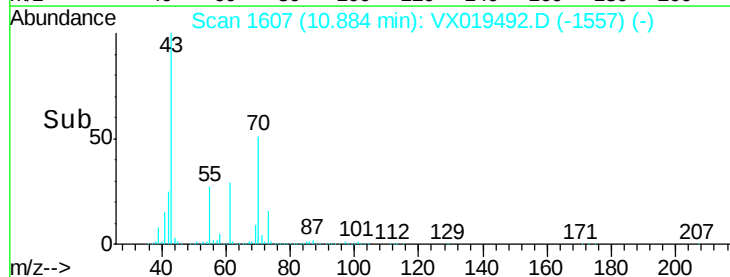
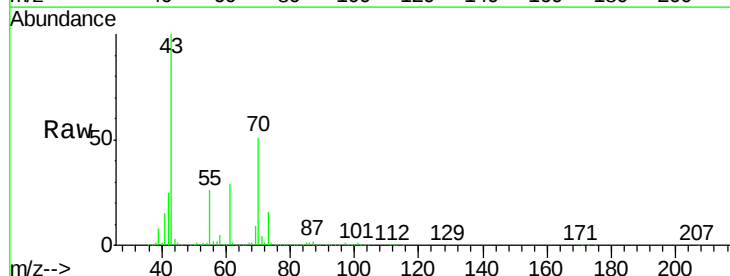
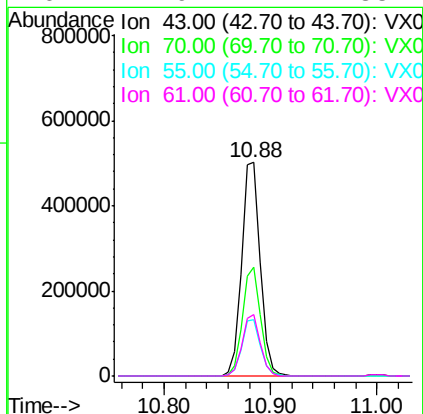
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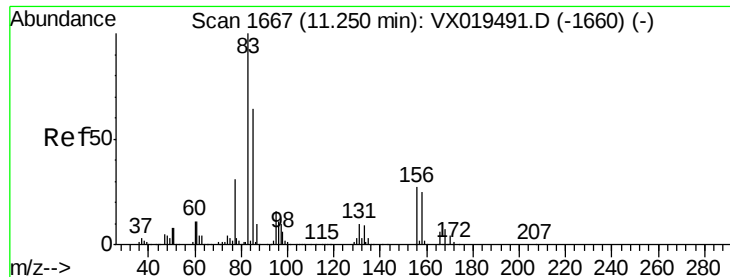
MMDadoda
11/23/2020 3:50:37 PM



#74
N-ethyl acetate
Concen: 112.740 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 43 Resp: 615778
Ion Ratio Lower Upper
43 100
70 49.5 39.7 59.5
55 26.5 21.8 32.6
61 27.9 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 101.773 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 530504
Ion Ratio Lower Upper

83 100

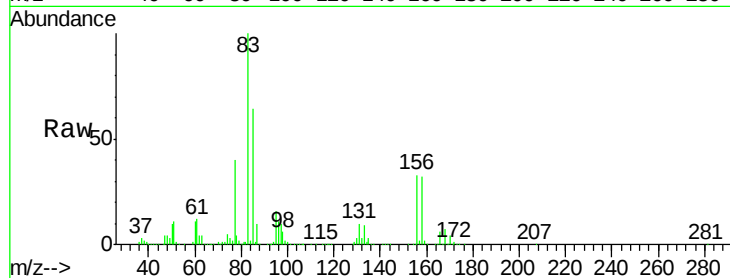
131 10.1 5.0 15.0

85 64.4 32.4 97.2

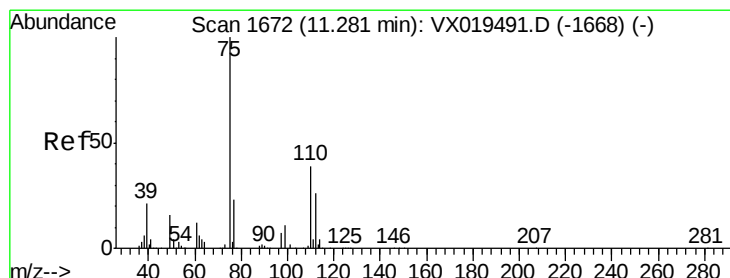
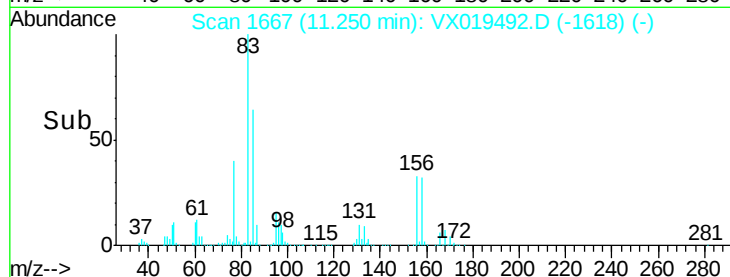
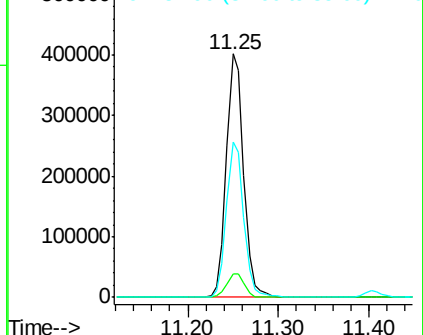
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 100.740 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

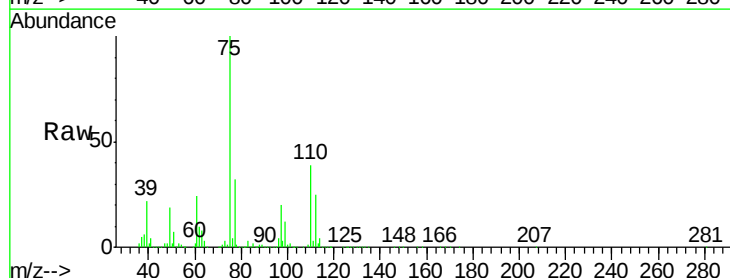
Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

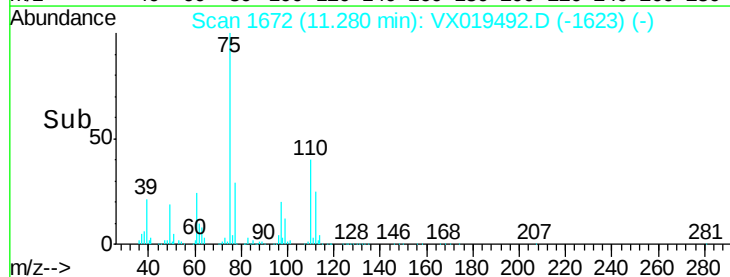
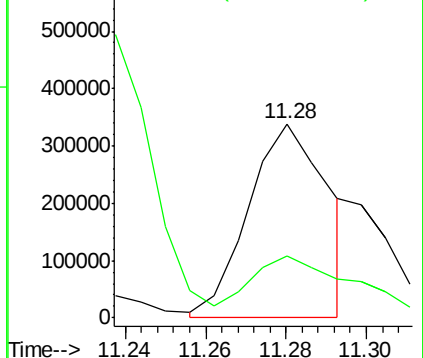
Tgt Ion: 75 Resp: 463236
Ion Ratio Lower Upper

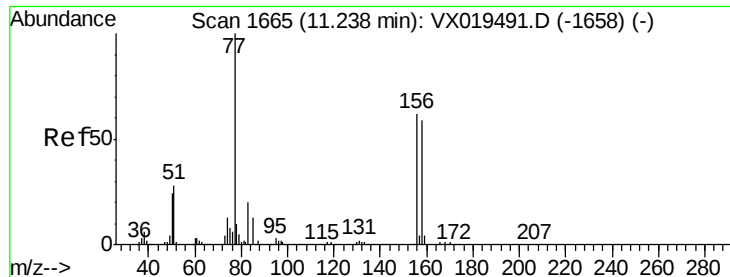
75 100

77 42.0 20.0 60.0



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





#77

Bromobenzene

Concen: 104.897 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

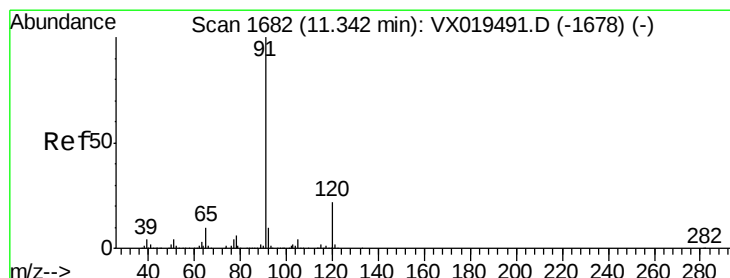
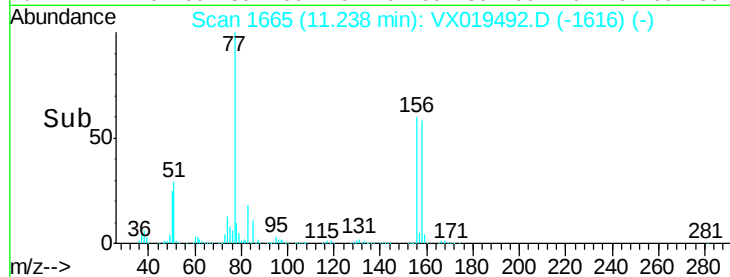
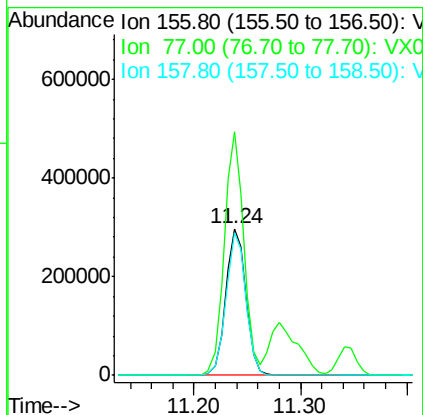
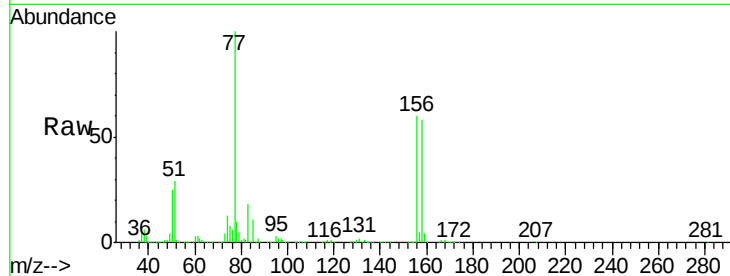
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	390327
Ion Ratio	Lower	Upper	
156	100		
77	161.5	82.5	247.3
158	96.1	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 108.519 ug/l

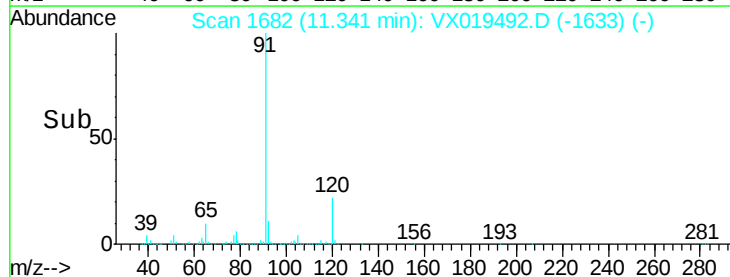
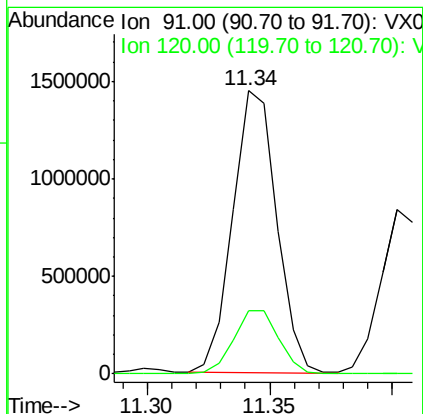
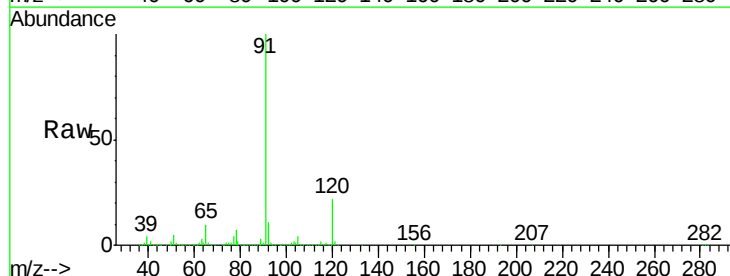
RT: 11.34 min Scan# 1682

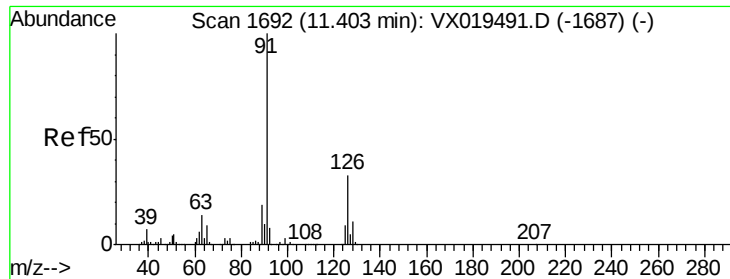
Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion:	91	Resp:	1814632
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





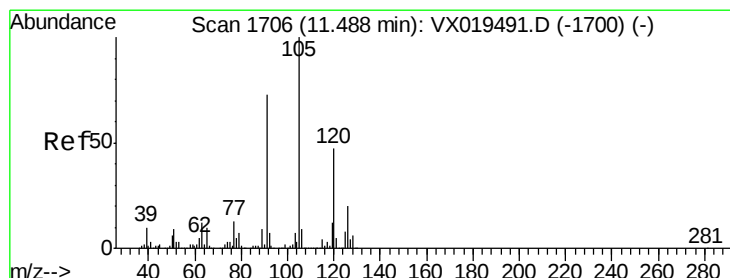
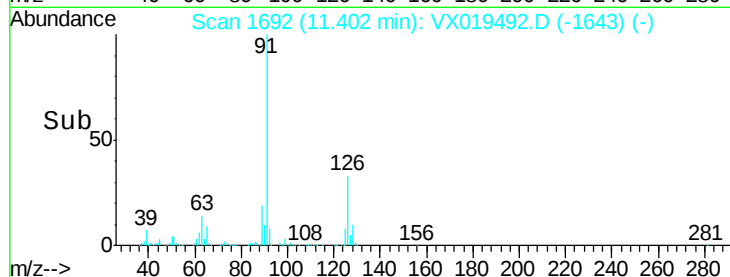
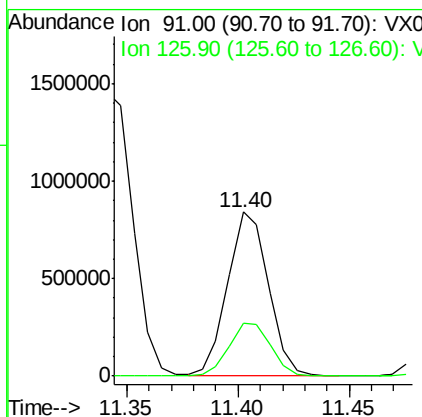
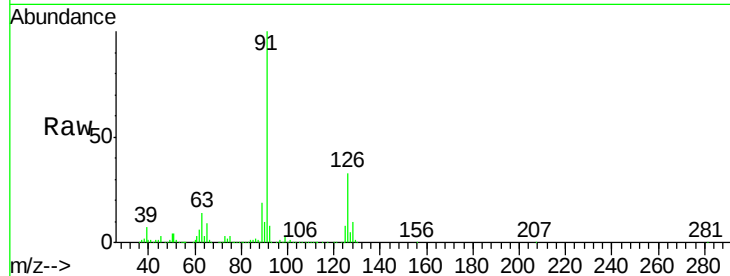
#79
 2-Chlorotoluene
 Concen: 105.835 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1073294
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.7 50.0

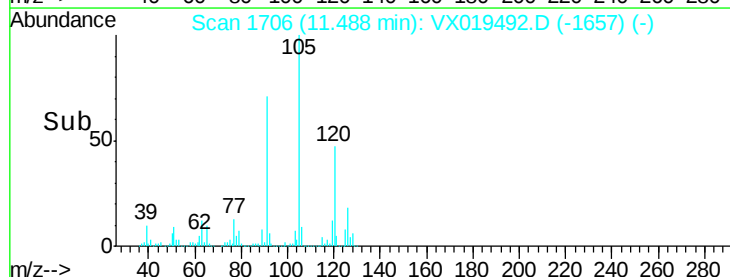
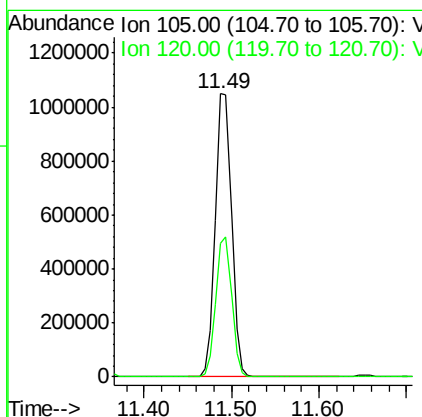
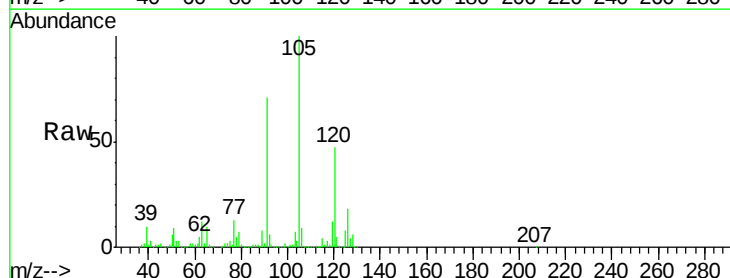
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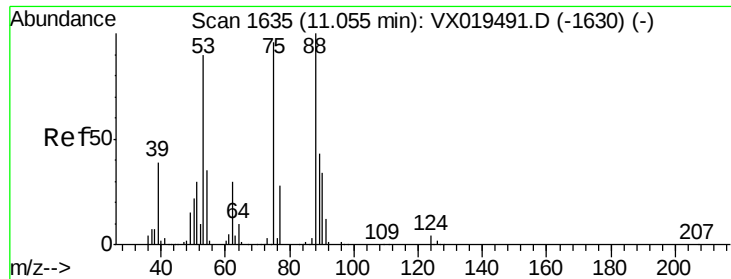
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 110.220 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion: 105 Resp: 1347731
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.3





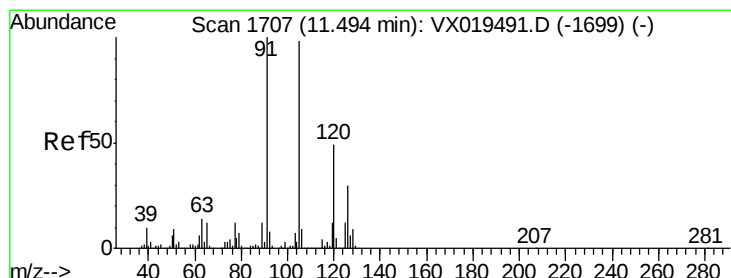
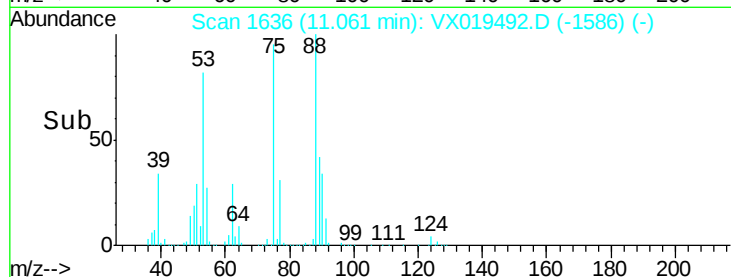
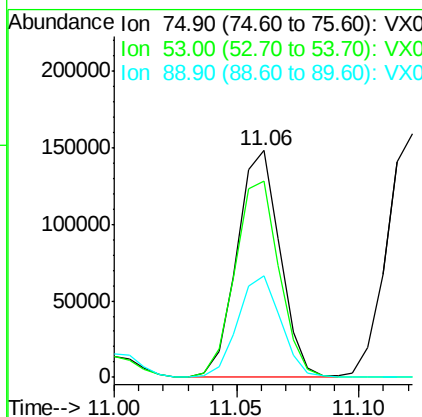
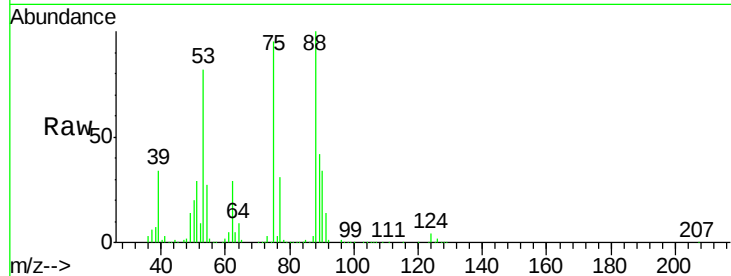
#81
trans-1,4-Dichloro-2-butene
Concen: 115.943 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.1	73.9	110.9
89	45.2	37.3	55.9

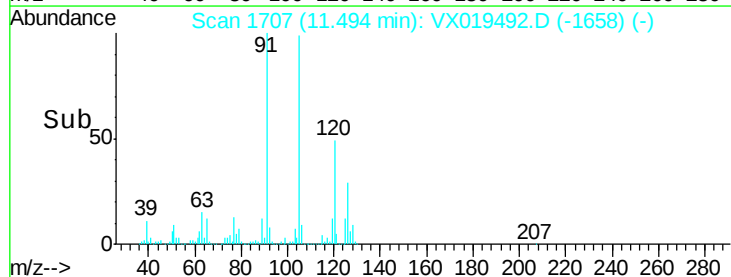
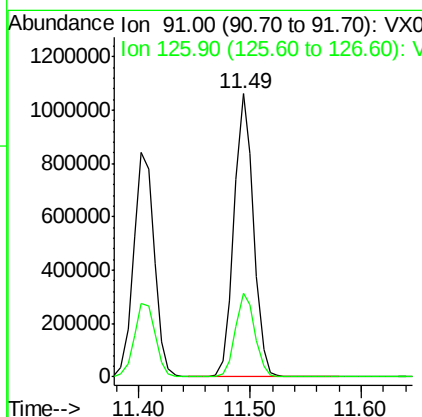
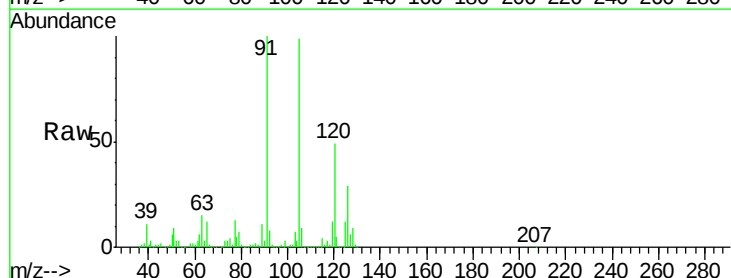
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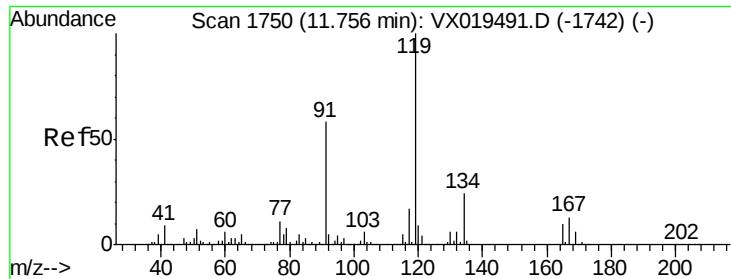
MMDadoda
11/23/2020 3:50:37 PM



#82
4-Chlorotoluene
Concen: 107.399 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





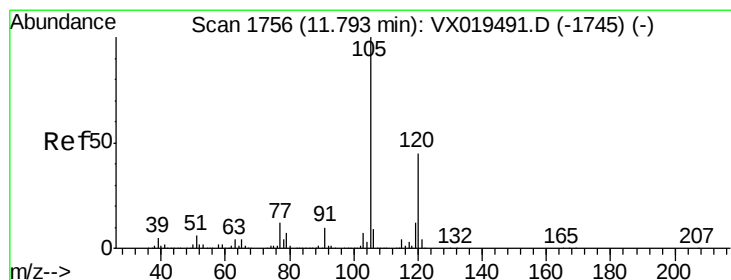
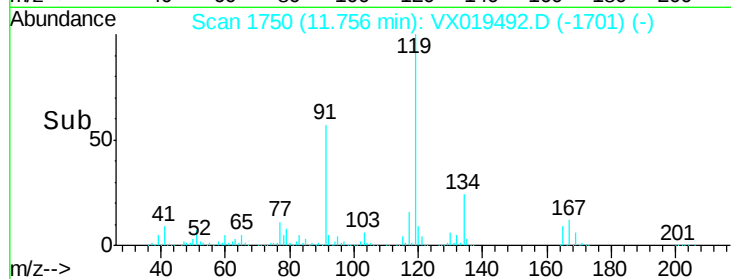
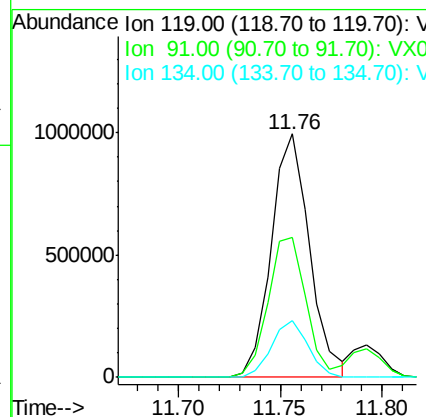
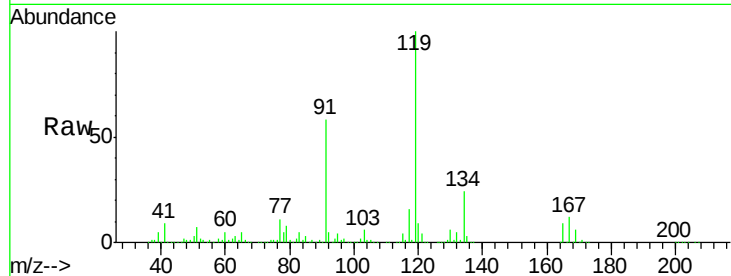
#83
 tert-Butylbenzene
 Concen: 110.173 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	28.9	86.8
134	22.6	11.7	35.0

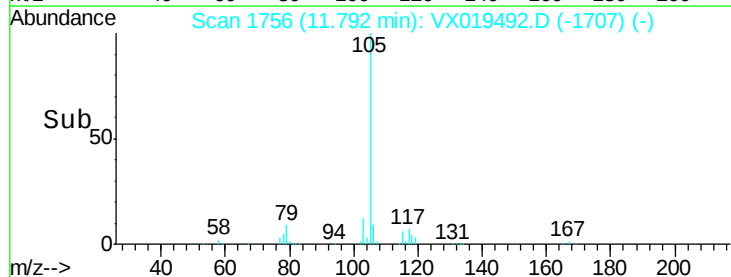
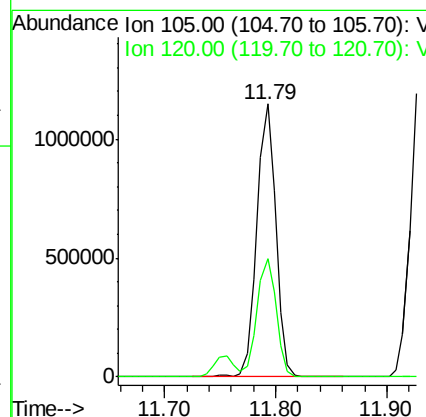
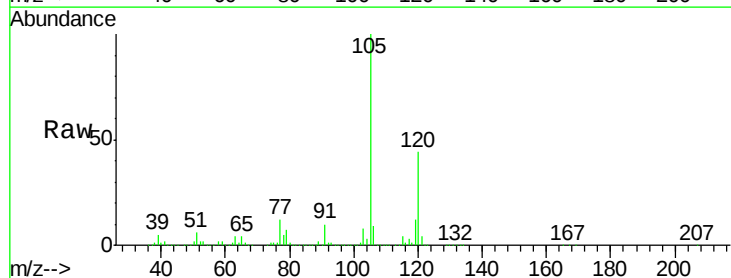
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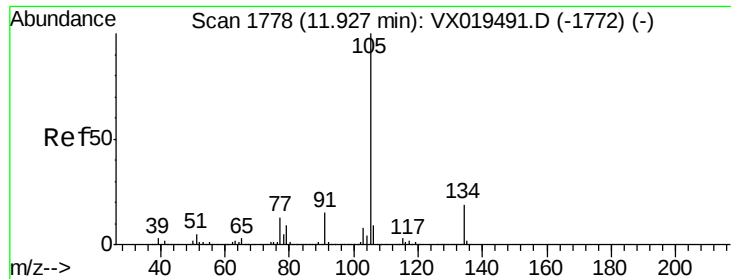
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#84
 1,2,4-Trimethylbenzene
 Concen: 110.356 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.2	66.6





#85

sec-Butylbenzene

Concen: 110.025 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1548419

Ion Ratio Lower Upper

105 100

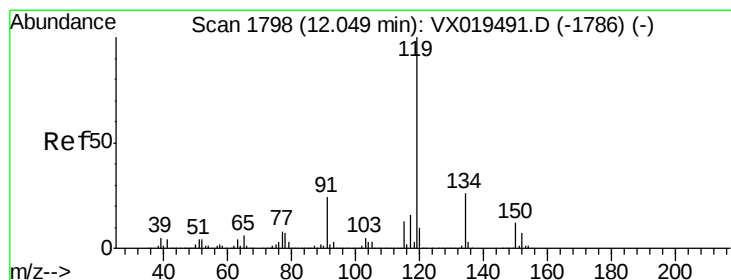
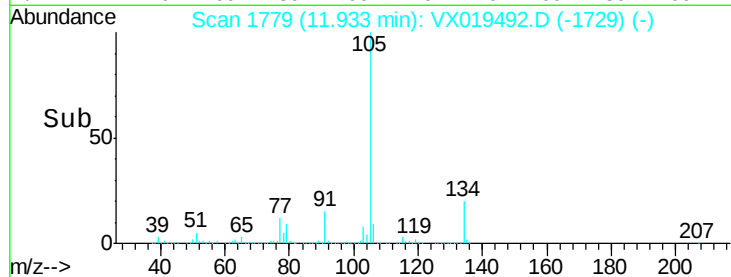
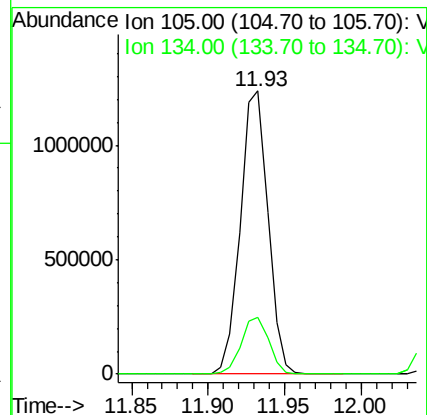
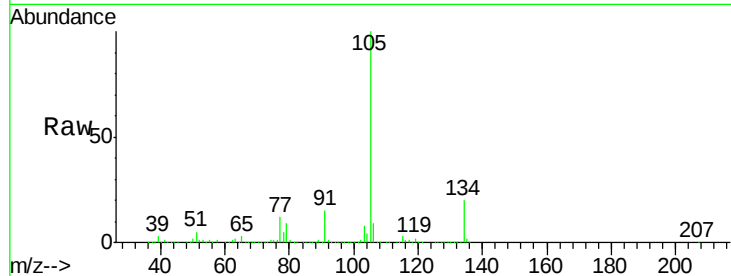
134 20.1 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 112.139 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

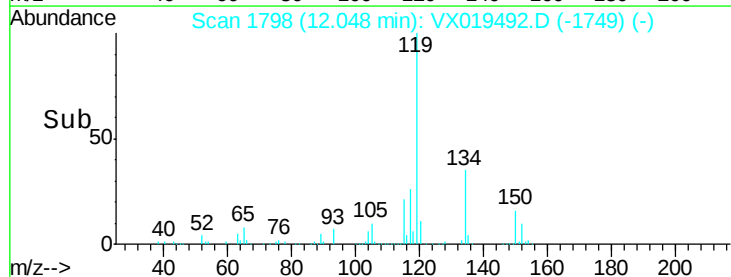
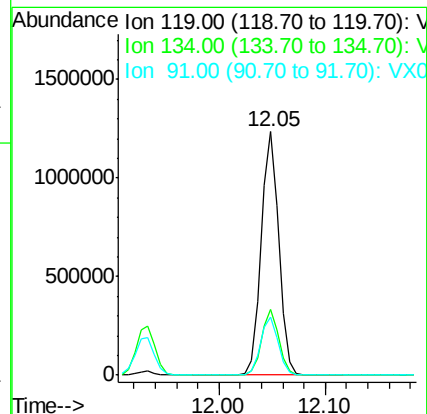
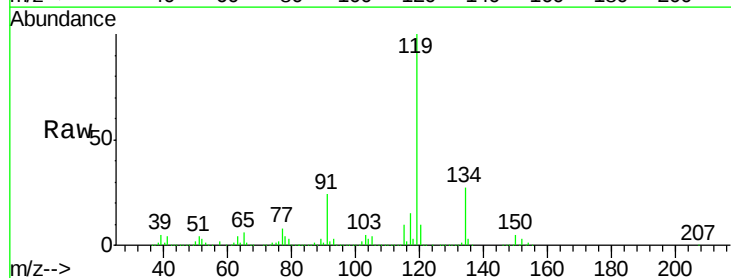
Tgt Ion:119 Resp: 1432861

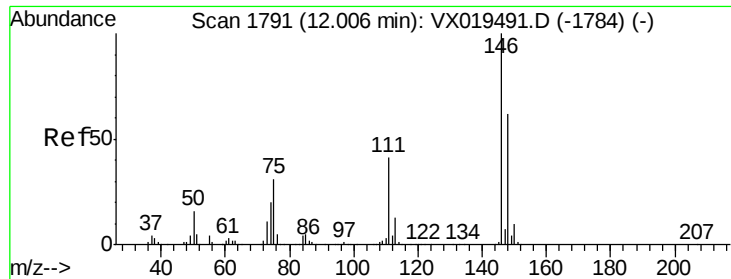
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 105.473 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

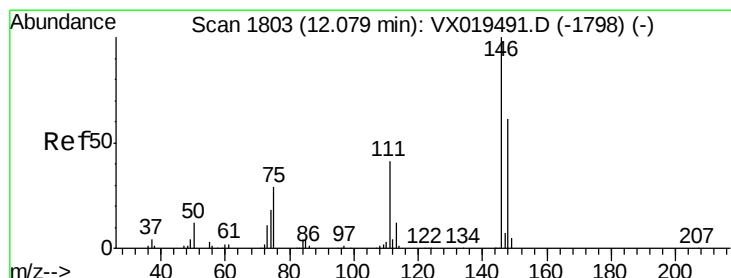
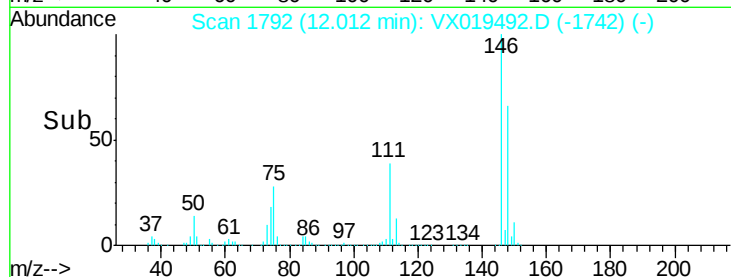
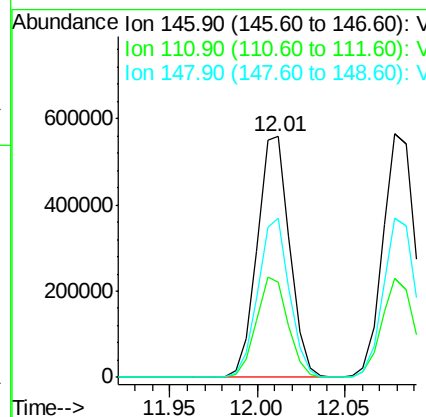
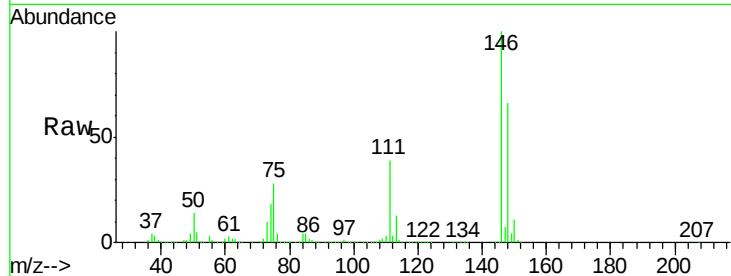
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	720773
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.2	60.6
148	64.0	31.4	94.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 102.691 ug/l

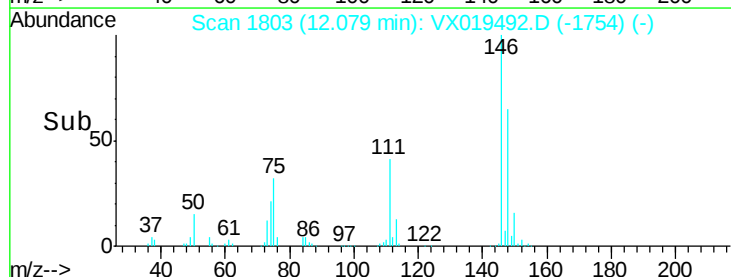
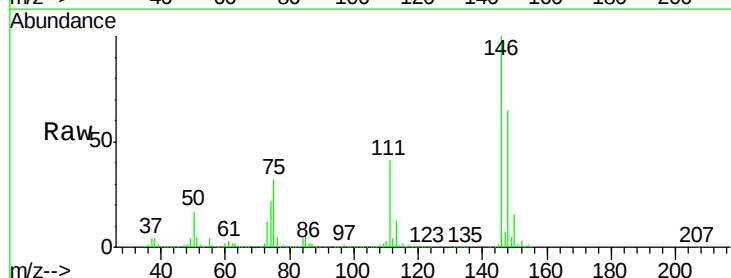
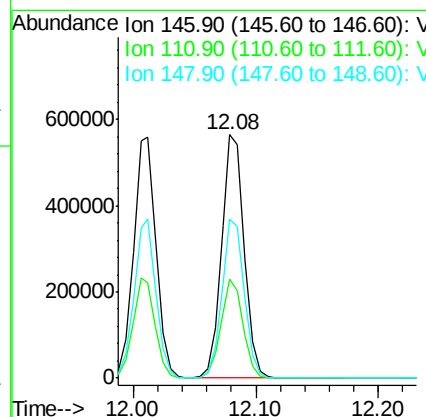
RT: 12.08 min Scan# 1803

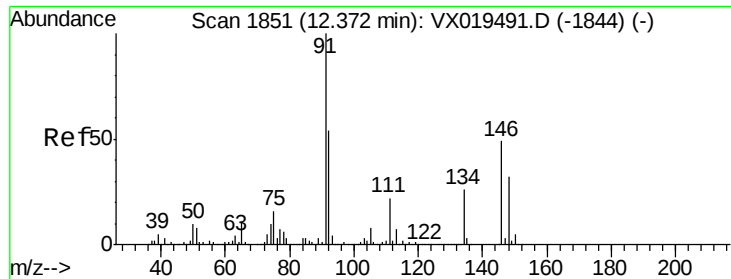
Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion:	146	Resp:	722856
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.6
148	64.7	31.7	95.1





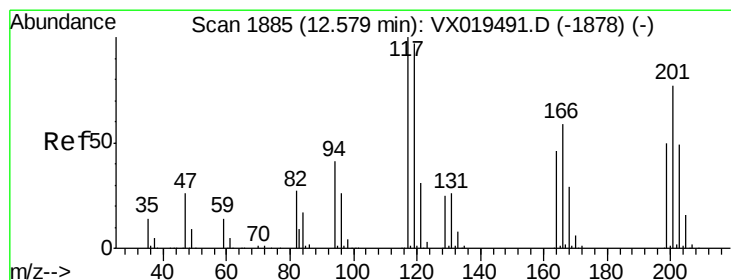
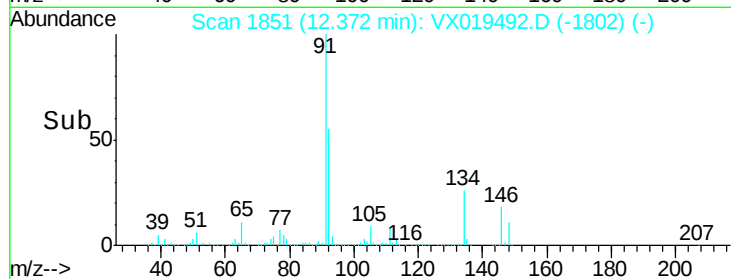
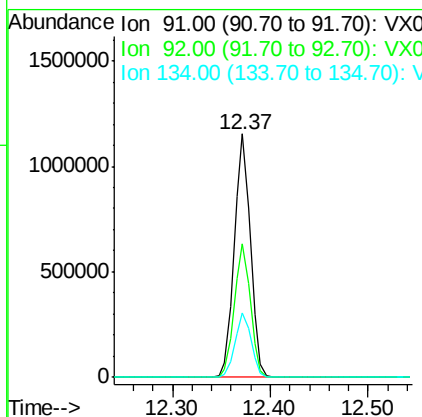
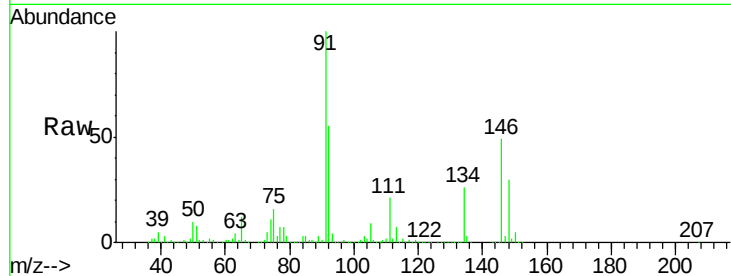
#89
n-Butylbenzene
Concen: 114.040 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.9	80.6
134	26.4	12.9	38.6

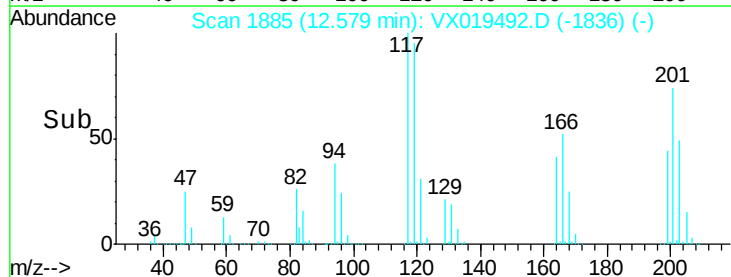
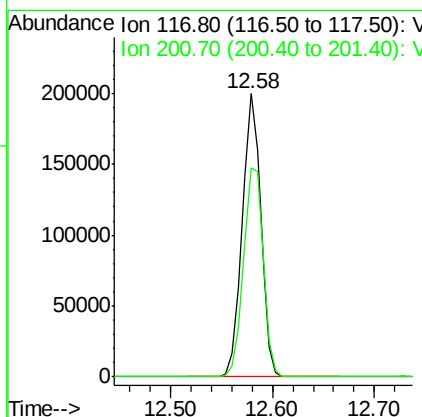
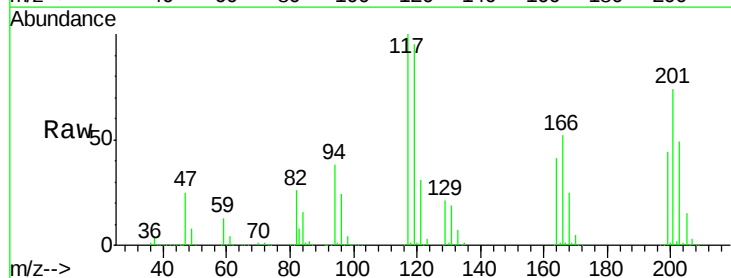
Manual Integrations
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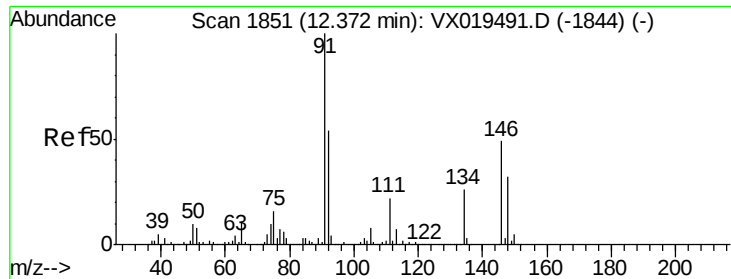
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#90
Hexachloroethane
Concen: 116.575 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	39.4	118.2





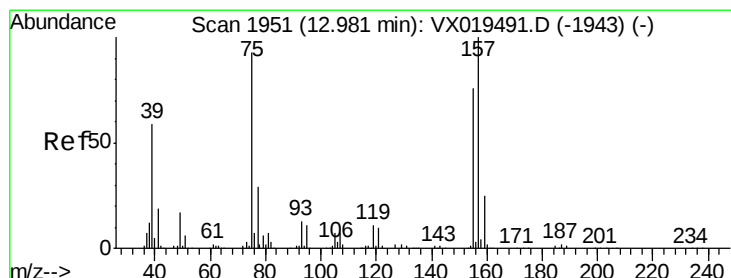
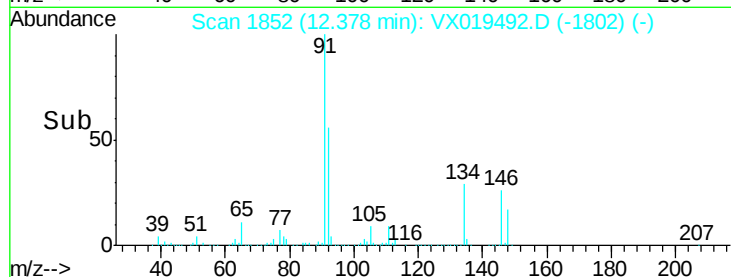
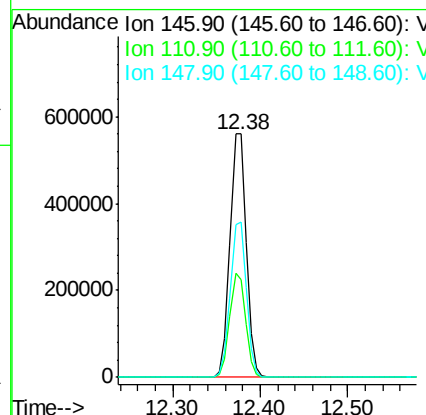
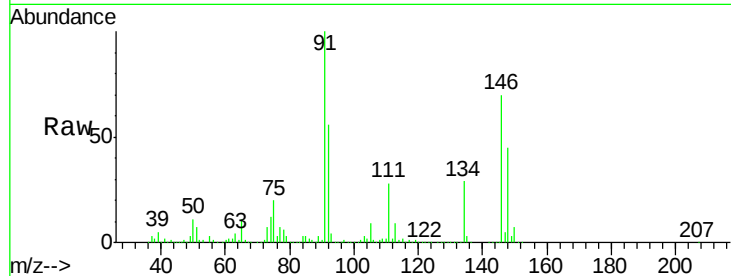
#91
 1,2-Dichlorobenzene
 Concen: 105.127 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	721548		
111	41.7	21.1	63.3	
148	63.3	32.4	97.0	

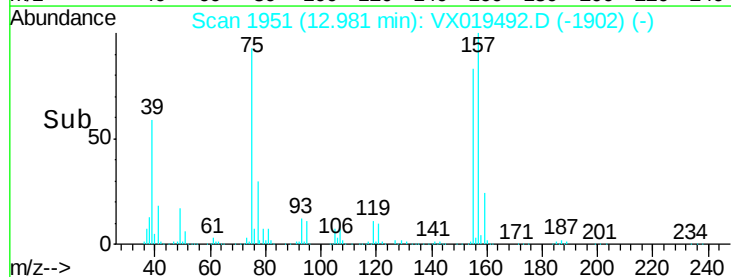
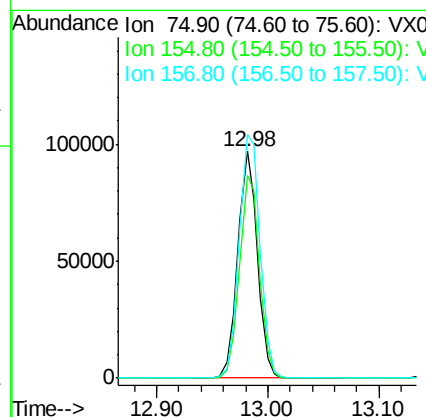
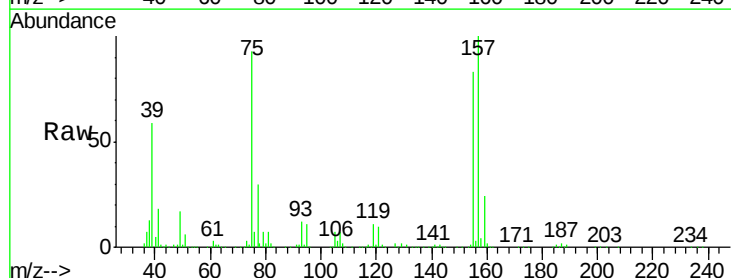
Manual Integrations
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 11/23/2020 3:50:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 110.345 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	117343		
155	91.8	43.6	130.9	
157	114.9	57.0	170.8	





#93

1,2,4-Trichlorobenzene

Concen: 115.761 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

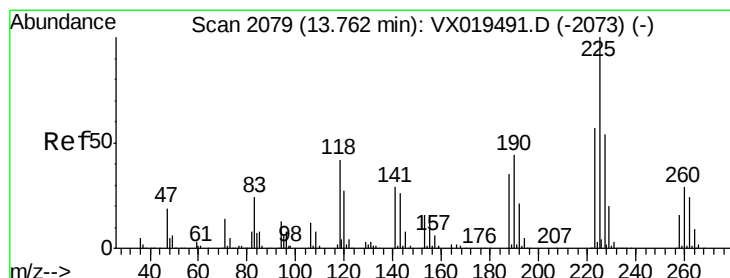
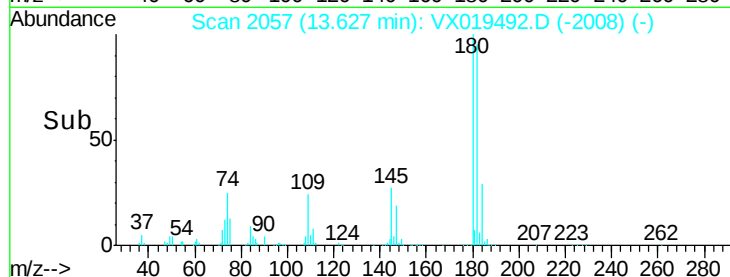
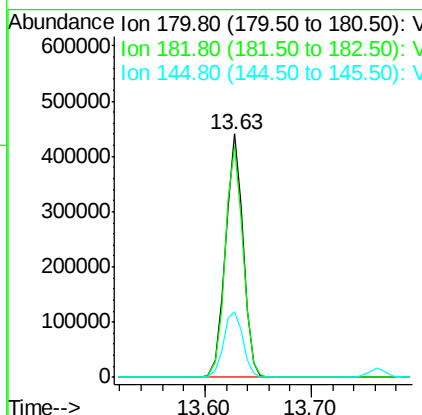
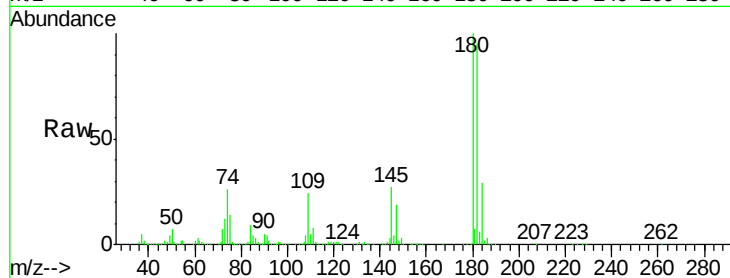
ClientSampleId :

VSTDIC100

Tot Ion:	180	Resp:	510105
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.6	145.9
145	29.7	15.9	47.7

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:37 PM



#94

Hexachlorobutadiene

Concen: 108.247 ug/l

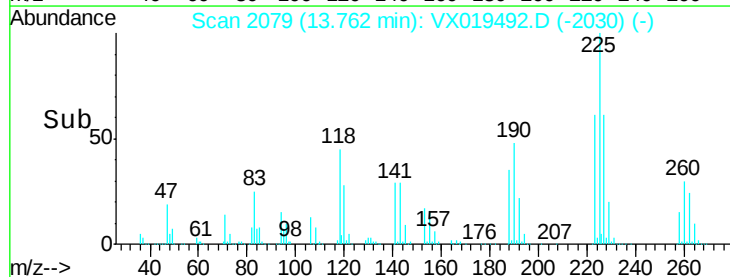
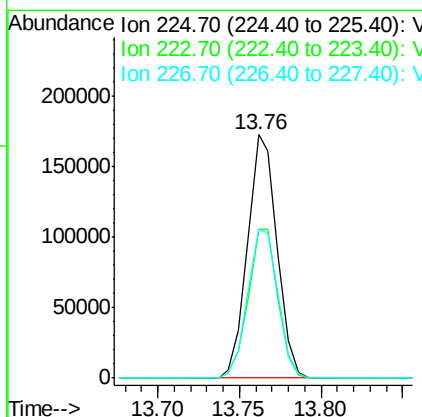
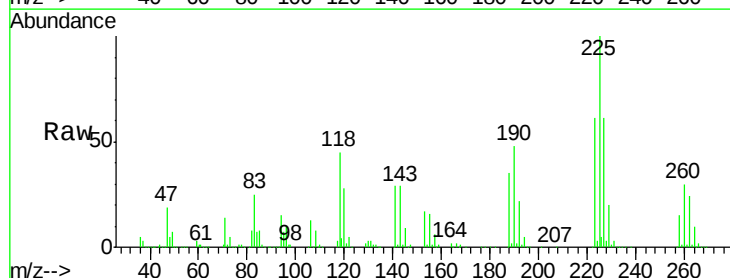
RT: 13.76 min Scan# 2079

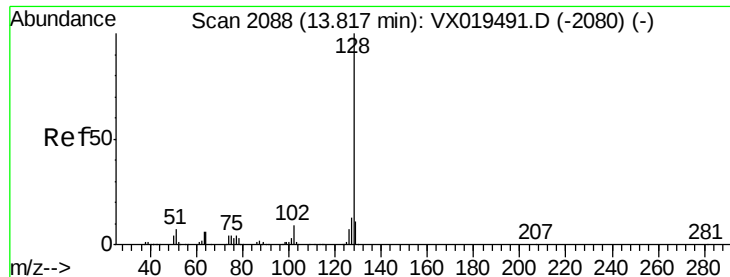
Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion:	225	Resp:	217291
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.5	97.5
227	63.0	32.8	98.3





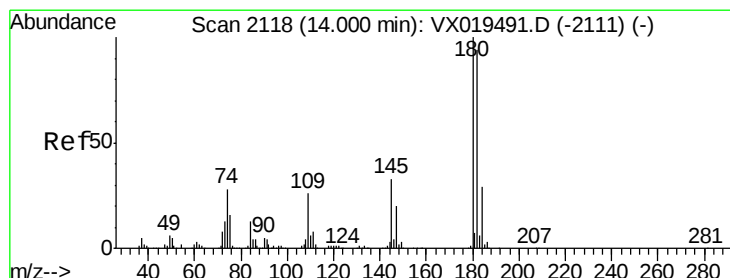
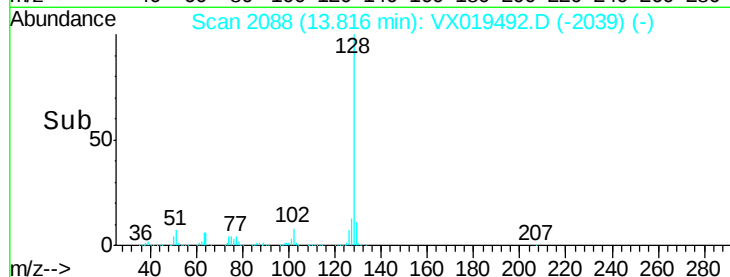
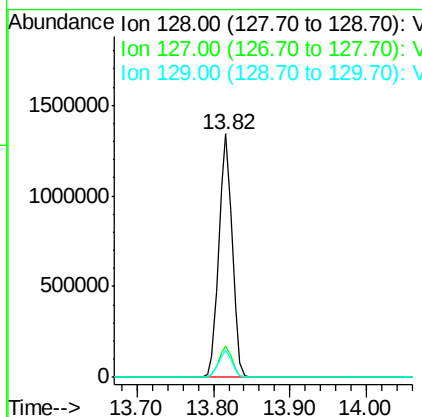
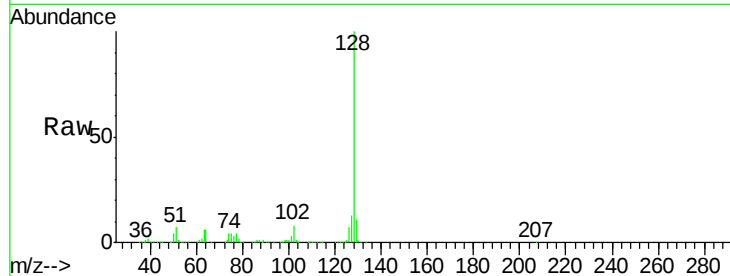
#95
Naphthalene
Concen: 118.473 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 112.167 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	33.3	16.6	49.8

