

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019496.D
 Acq On : 20 Nov 2020 15:25
 Operator : JC/MD
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:47 PM

Quant Time: Nov 21 04:02:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	229760	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	390896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	376109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160537	53.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.78%
35) Dibromofluoromethane	5.46	113	124964	50.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.86%
50) Toluene-d8	8.69	98	476018	49.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.86%
62) 4-Bromofluorobenzene	11.12	95	179162	52.23	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.46%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39633	17.738	ug/l	98
3) Chloromethane	1.31	50	50974	19.881	ug/l	99
4) Vinyl Chloride	1.39	62	50047	18.133	ug/l	100
5) Bromomethane	1.62	94	23272	22.261	ug/l	99
6) Chloroethane	1.70	64	18339	25.173	ug/l	98
7) Trichlorofluoromethane	1.90	101	69398	17.421	ug/l	99
8) Diethyl Ether	2.17	74	33920	21.261	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	40196	18.087	ug/l	98
10) Methyl Iodide	2.48	142	48389	16.574	ug/l	99
11) Tert butyl alcohol	3.04	59	77203	136.937	ug/l	97
12) 1,1-Dichloroethene	2.34	96	40746	17.863	ug/l	96
13) Acrolein	2.27	56	36055	95.139	ug/l	100
14) Allyl chloride	2.70	41	66299	18.553	ug/l	100
15) Acrylonitrile	3.12	53	147386	110.850	ug/l	99
16) Acetone	2.42	43	119375	103.620	ug/l	99
17) Carbon Disulfide	2.54	76	104755	17.094	ug/l	100
18) Methyl Acetate	2.75	43	60872	21.911	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	167402	21.261	ug/l	100
20) Methylene Chloride	2.82	84	57015	19.801	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	47696	18.455	ug/l	97
22) Diisopropyl ether	3.82	45	152957	20.691	ug/l	95
23) Vinyl Acetate	3.78	43	662222	106.800	ug/l	100
24) 1,1-Dichloroethane	3.66	63	88963	19.675	ug/l	100
25) 2-Butanone	4.64	43	189019	109.222	ug/l	99
26) 2,2-Dichloropropane	4.54	77	68354	17.320	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	57814	19.475	ug/l	97
28) Bromochloromethane	4.97	49	39598	18.318	ug/l	99
29) Tetrahydrofuran	5.09	42	118656	107.459	ug/l	99
30) Chloroform	5.17	83	93605	19.798	ug/l	96
31) Cyclohexane	5.54	56	66696	17.214	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	74418	18.324	ug/l	99
36) 1,1-Dichloropropene	5.76	75	63101	17.219	ug/l	98
37) Ethyl Acetate	4.79	43	72579	21.096	ug/l	99
38) Carbon Tetrachloride	5.74	117	61733	17.404	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	72524	16.997	ug/l	98
40) Benzene	6.10	78	210439	18.690	ug/l	98
41) Methacrylonitrile	5.00	41	39112	20.616	ug/l	99
42) 1,2-Dichloroethane	6.15	62	78730	20.400	ug/l	100
43) Isopropyl Acetate	6.41	43	118506	20.491	ug/l	99
44) Trichloroethene	7.18	130	53268	18.061	ug/l	93
45) 1,2-Dichloropropane	7.48	63	53825	19.418	ug/l	99
46) Dibromomethane	7.63	93	38461	20.273	ug/l	97
47) Bromodichloromethane	7.87	83	71650	19.463	ug/l	97
48) Methyl methacrylate	7.74	41	56770	20.960	ug/l	99
49) 1,4-Dioxane	7.71	88	28518	463.736	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	368933	109.398	ug/l	100
52) Toluene	8.76	92	134342	19.503	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	79211	19.923	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	87262	19.777	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58523	20.862	ug/l	99
56) Ethyl methacrylate	9.16	69	83556	21.050	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98220	20.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	228279	98.145	ug/l	99
59) 2-Hexanone	9.47	43	276755	108.205	ug/l	100
60) Dibromochloromethane	9.56	129	55651	20.253	ug/l	98
61) 1,2-Dibromoethane	9.65	107	60830	21.037	ug/l	99
64) Tetrachloroethene	9.32	164	51207	17.321	ug/l	96
65) Chlorobenzene	10.12	112	145206	18.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51846	18.432	ug/l	100
67) Ethyl Benzene	10.23	91	245369	18.113	ug/l	99
68) m/p-Xylenes	10.34	106	184533	36.563	ug/l	99
69) o-Xylene	10.68	106	90184	18.692	ug/l	99
70) Styrene	10.70	104	151601	18.062	ug/l	99
71) Bromoform	10.84	173	39167	18.856	ug/l #	97
73) Isopropylbenzene	11.00	105	235474	18.728	ug/l	100
74) N-amyl acetate	10.88	43	95561	20.283	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	88738	19.735	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	81555m	20.561	ug/l	
77) Bromobenzene	11.24	156	61896	19.284	ug/l	100
78) n-propylbenzene	11.34	91	266151	18.452	ug/l	100
79) 2-Chlorotoluene	11.40	91	165022	18.865	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	198348	18.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25061	19.853	ug/l	95
82) 4-Chlorotoluene	11.49	91	193724	18.812	ug/l	99
83) tert-Butylbenzene	11.76	119	191269	18.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	205289	19.236	ug/l	99
85) sec-Butylbenzene	11.93	105	222219	18.305	ug/l	99
86) p-Isopropyltoluene	12.05	119	201842	18.313	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	109884	18.641	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112156	18.471	ug/l	99
89) n-Butylbenzene	12.37	91	178567	17.921	ug/l	100
90) Hexachloroethane	12.58	117	32437	17.587	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	108712	18.362	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17832	19.440	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67621	17.790	ug/l	99
94) Hexachlorobutadiene	13.76	225	29450	17.008	ug/l	97
95) Naphthalene	13.82	128	230540	18.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	71416	18.784	ug/l	98

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

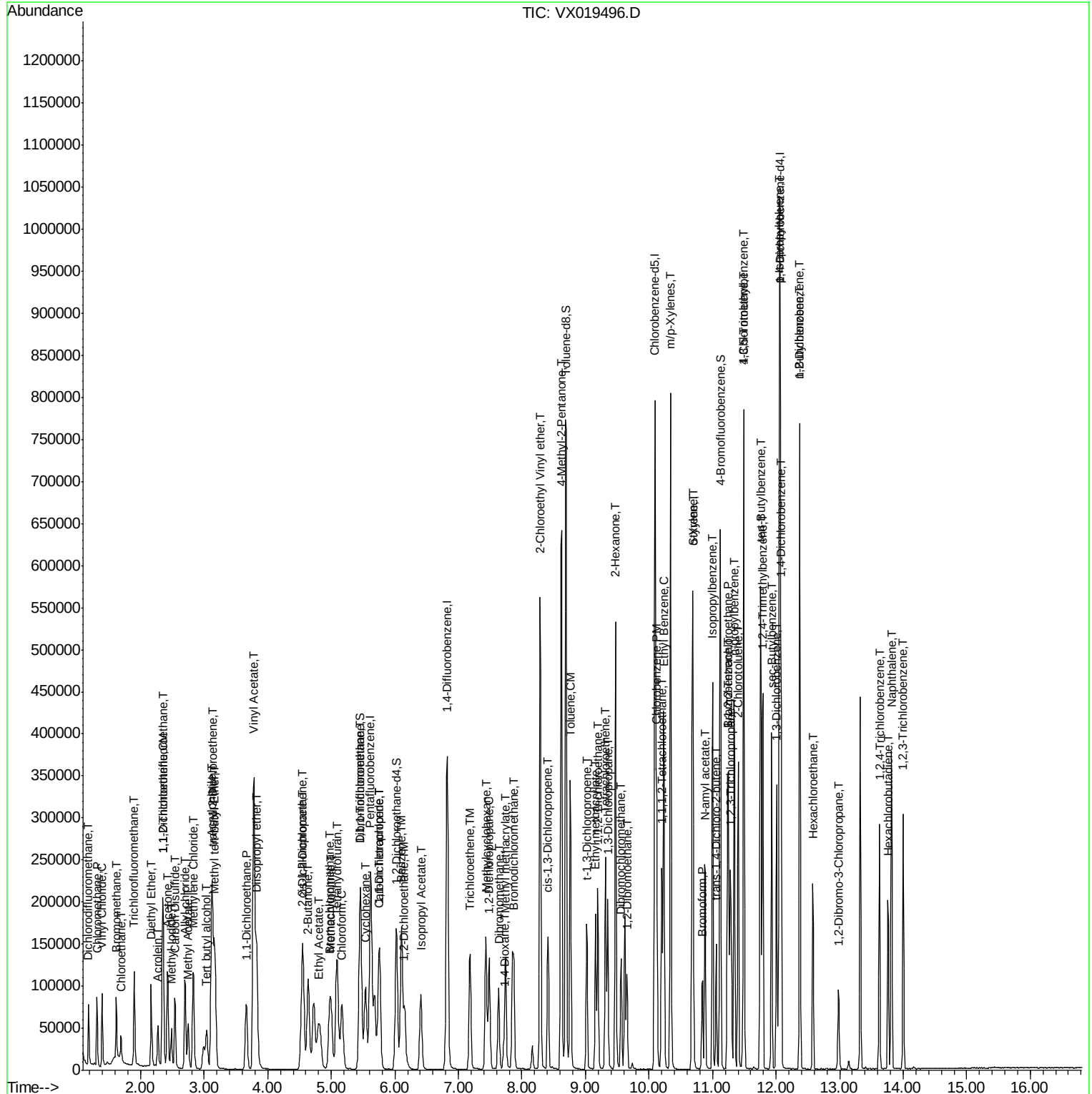
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Data File : VX019496.D
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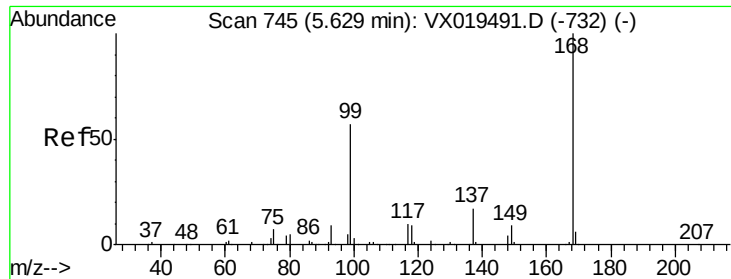
Instrument :
MSVOA_X
Client Sampled :
VX1121WBS01

Manual Integrations
APPROVED

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11/23/2020 3:50:47 PM

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion:168 Resp: 229760

Ion Ratio Lower Upper

168 100

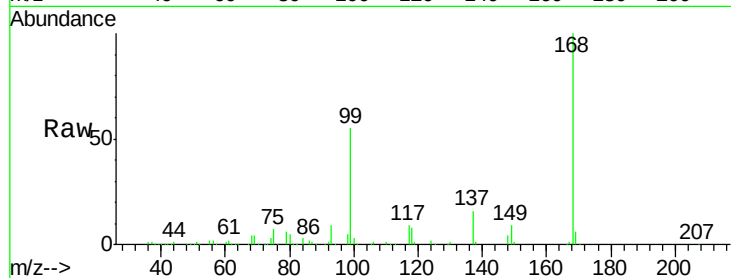
99 54.6 45.8 68.6

Manual Integrations

APPROVED

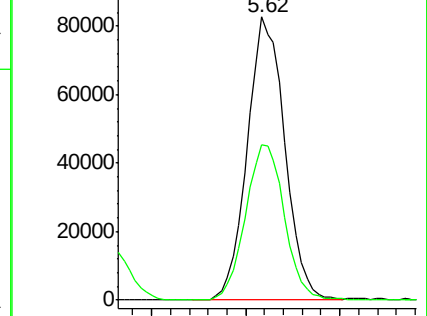
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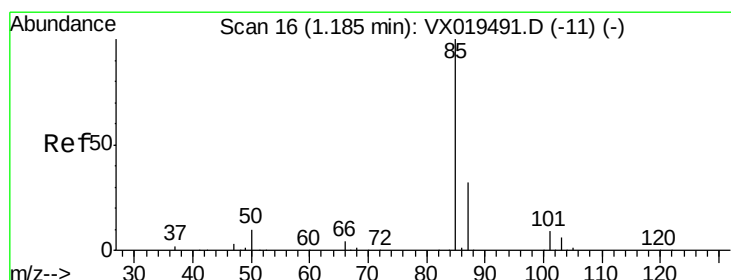
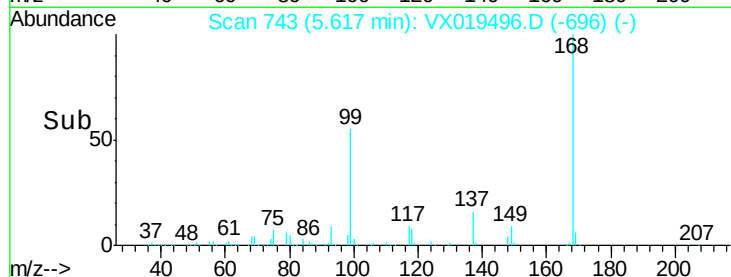


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 17.738 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019496.D

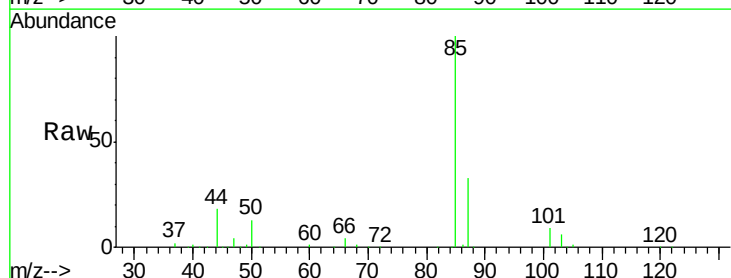
Acq: 20 Nov 2020 15:25

Tgt Ion: 85 Resp: 39633

Ion Ratio Lower Upper

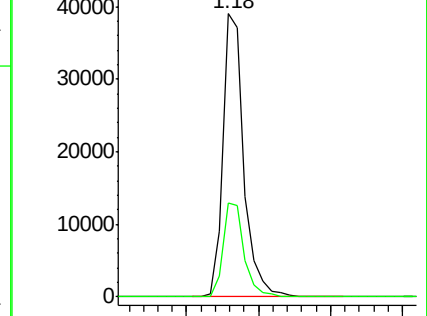
85 100

87 33.2 16.0 47.9

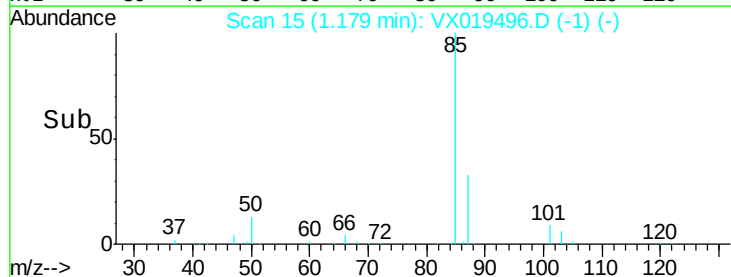


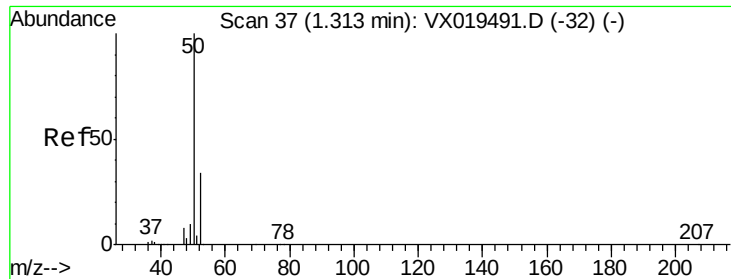
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 19.881 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 50 Resp: 50974

Ion Ratio Lower Upper

50 100

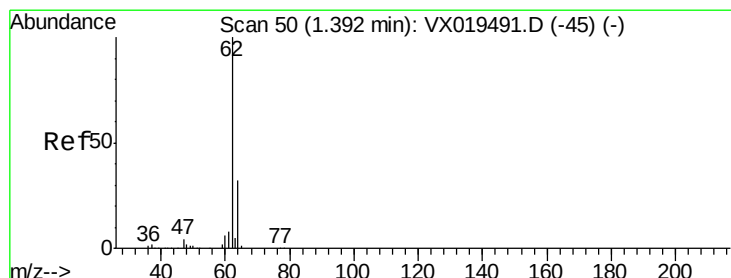
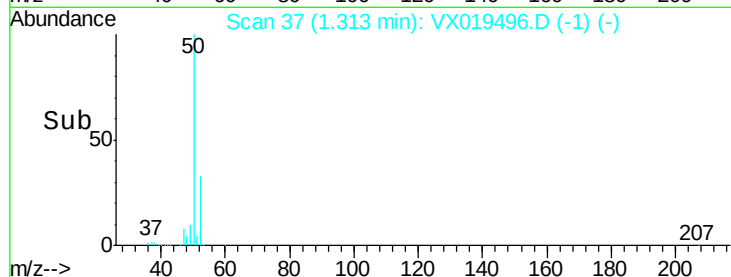
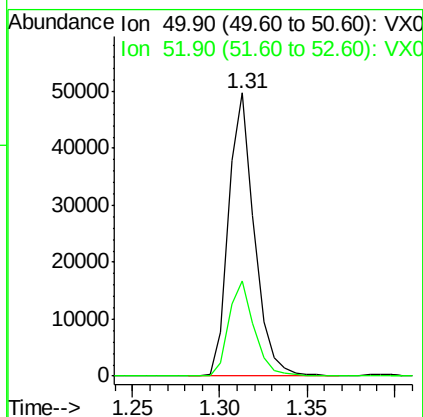
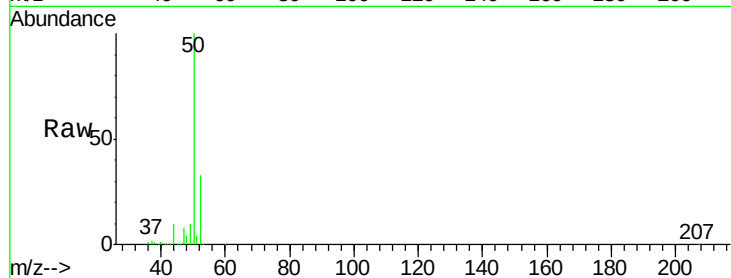
52 33.5 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.133 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019496.D

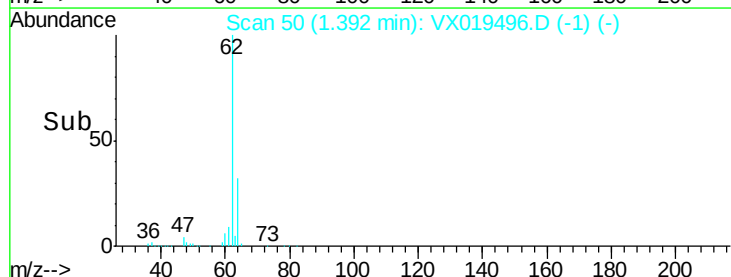
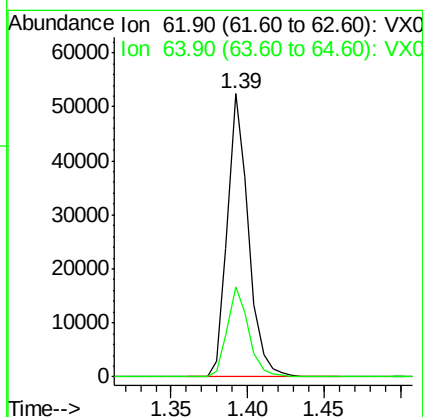
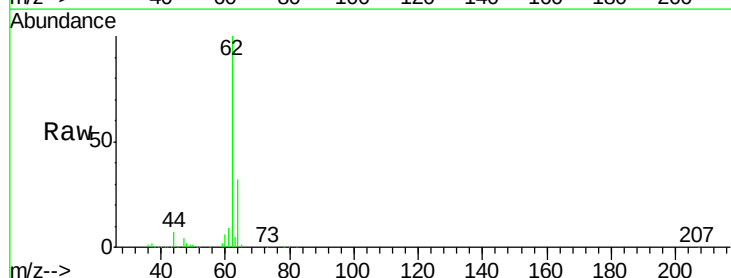
Acq: 20 Nov 2020 15:25

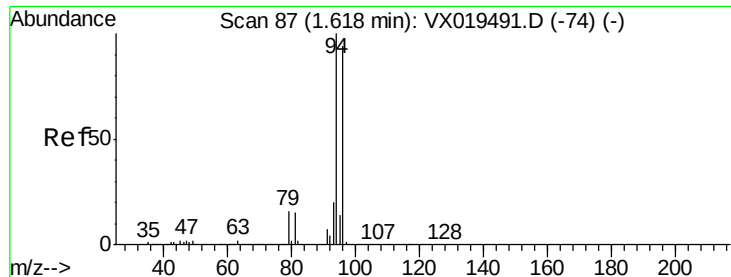
Tgt Ion: 62 Resp: 50047

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 22.261 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

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ClientSampleId :

VX1121WBS01

Tot Ion: 94 Resp: 23272

Ion Ratio Lower Upper

94 100

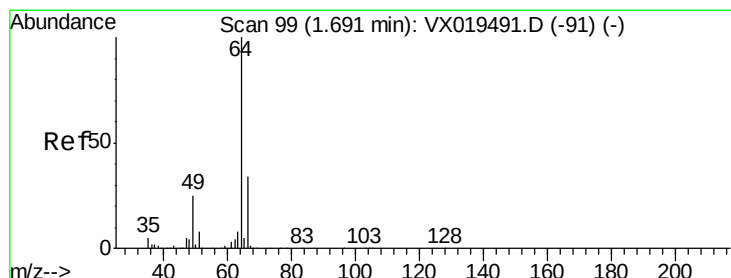
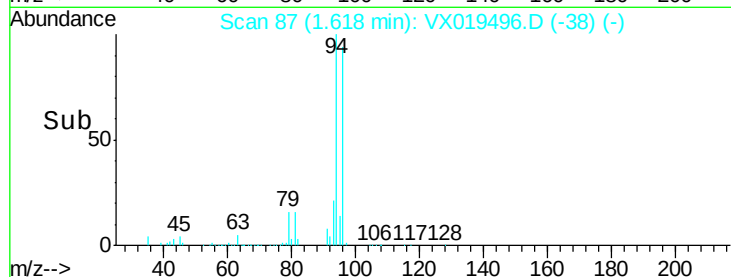
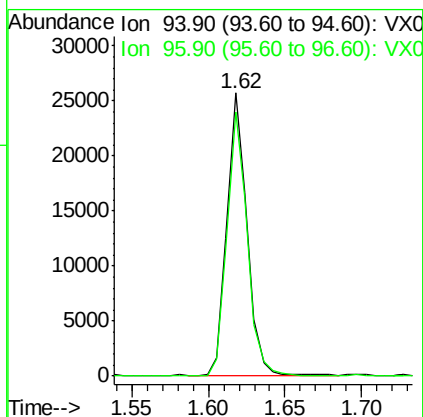
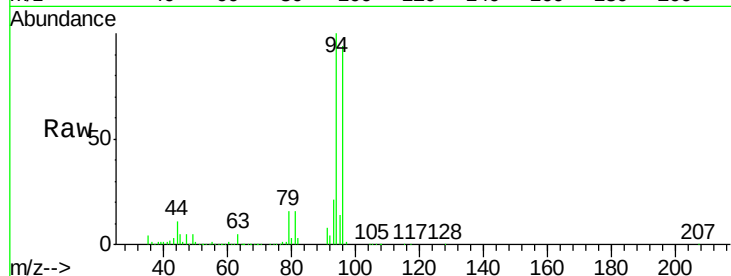
96 93.5 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 25.173 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019496.D

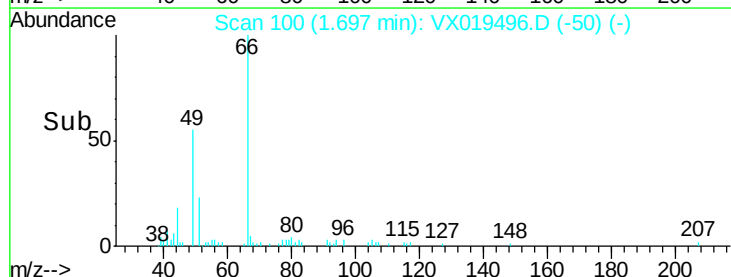
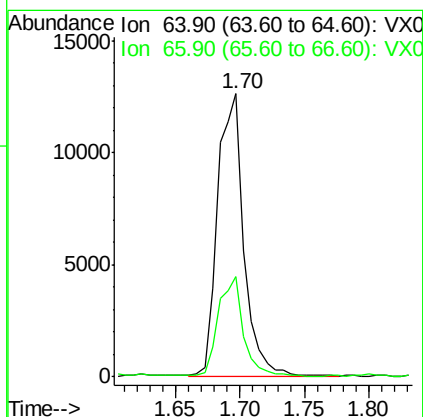
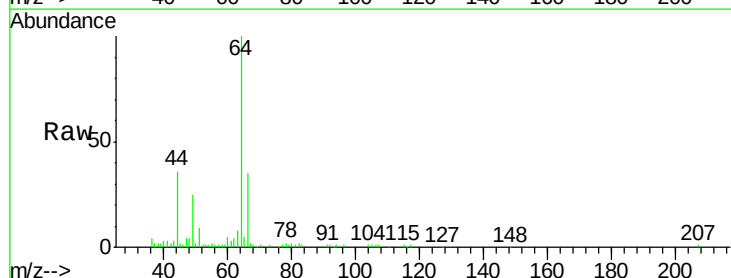
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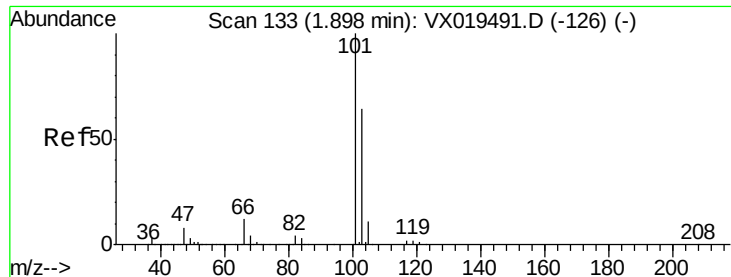
Tgt Ion: 64 Resp: 18339

Ion Ratio Lower Upper

64 100

66 34.9 27.1 40.7





#7

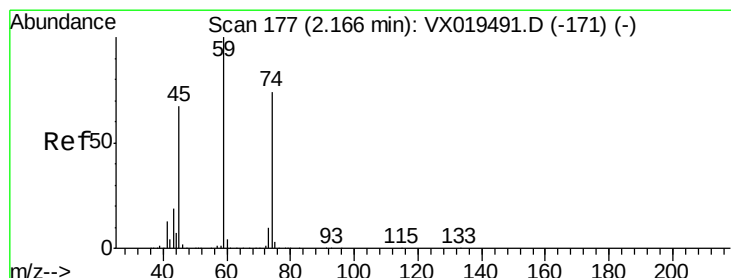
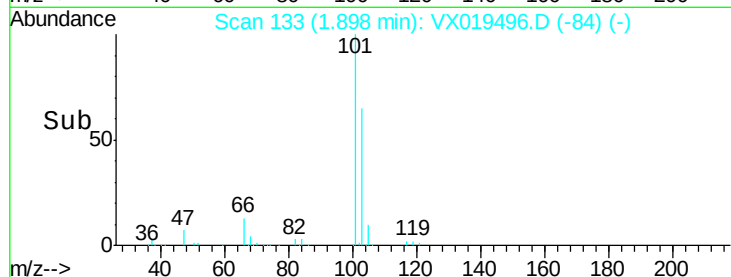
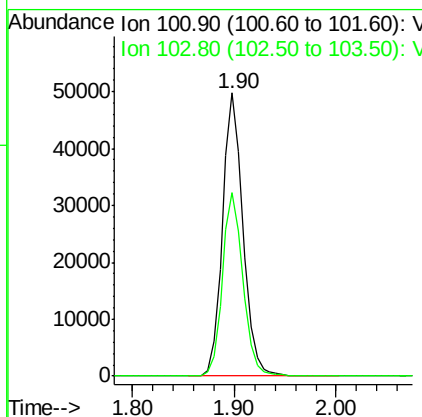
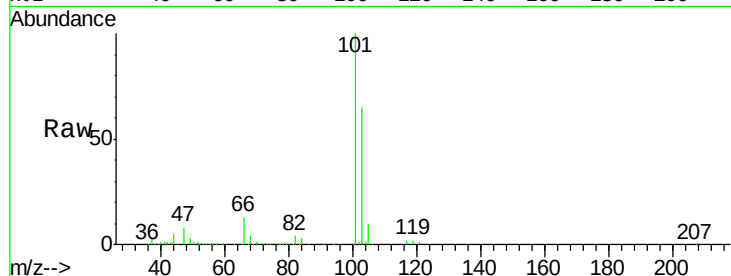
Trichlorofluoromethane
Concen: 17.421 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.9	76.3

Manual Integrations
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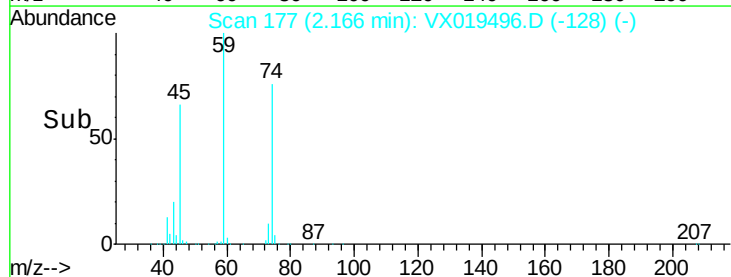
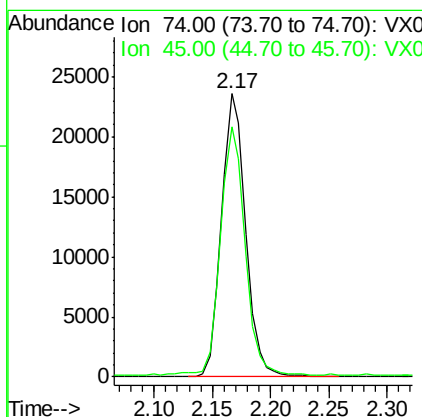
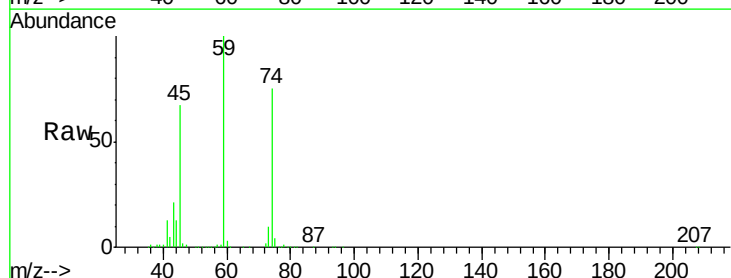
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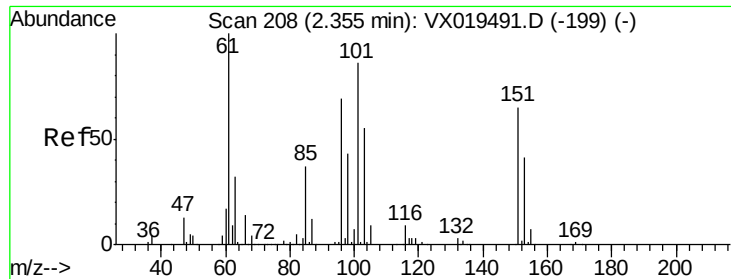


#8

Diethyl Ether
Concen: 21.261 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019496.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.8	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.087 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

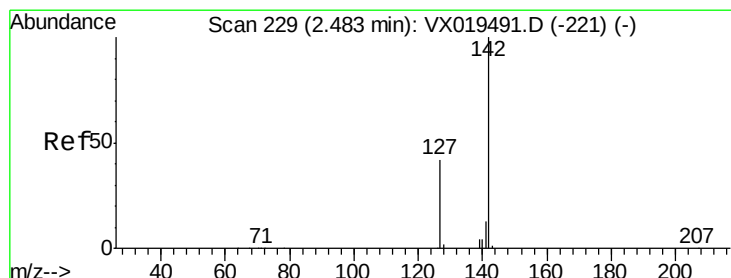
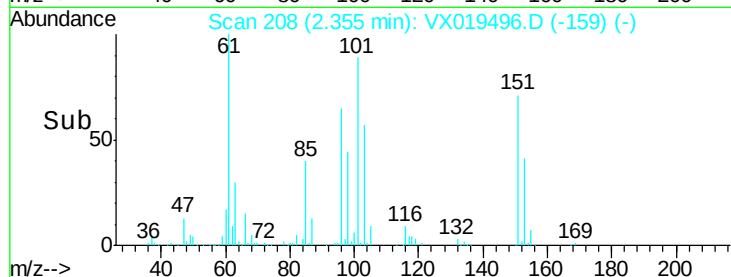
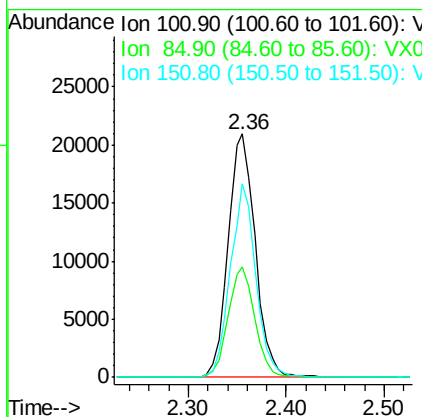
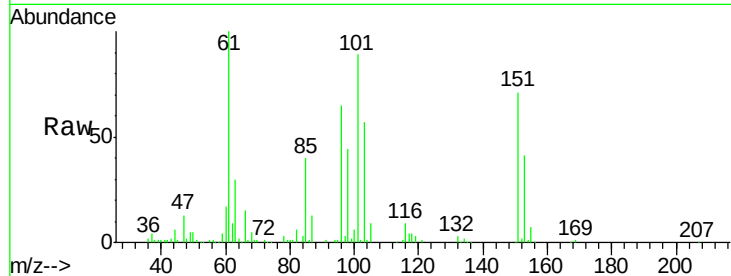
ClientSampleId :

VX1121WBS01

Tot Ion:	101	Resp:	40196
Ion Ratio	Lower	Upper	
101	100		
85	44.4	33.9	50.9
151	74.8	60.9	91.3

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#10

Methyl Iodide

Concen: 16.574 ug/l

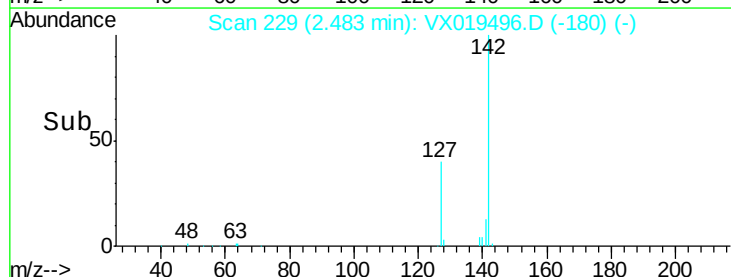
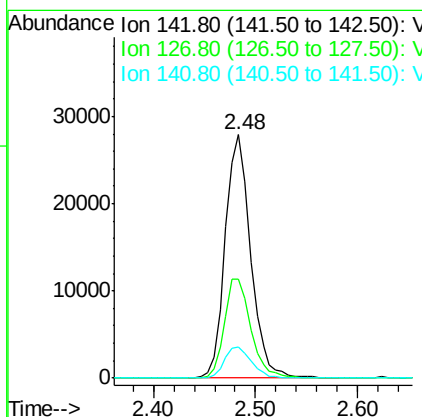
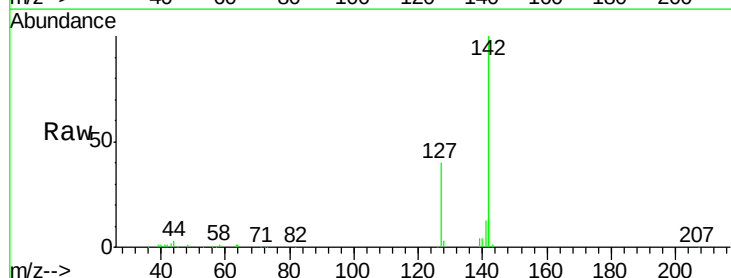
RT: 2.48 min Scan# 229

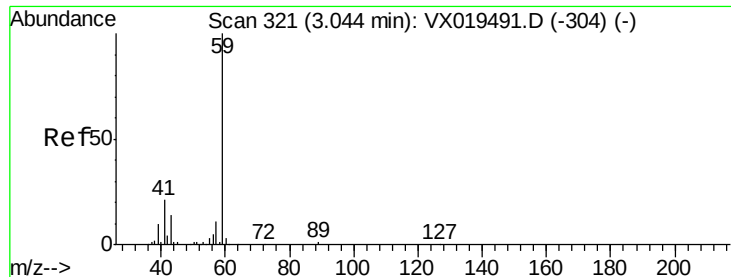
Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Tgt Ion:	142	Resp:	48389
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.8	50.6
141	13.5	11.0	16.6





#11

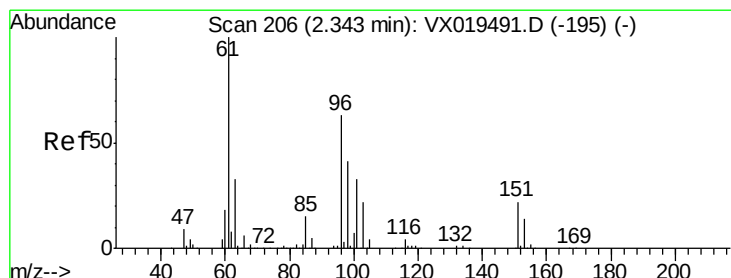
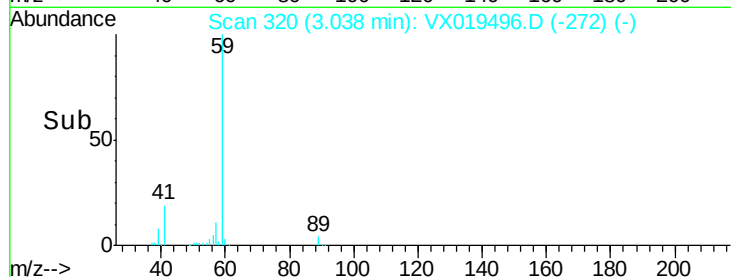
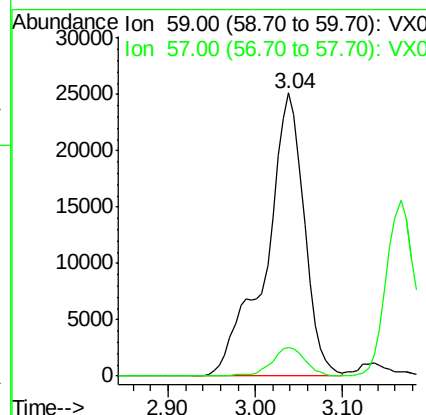
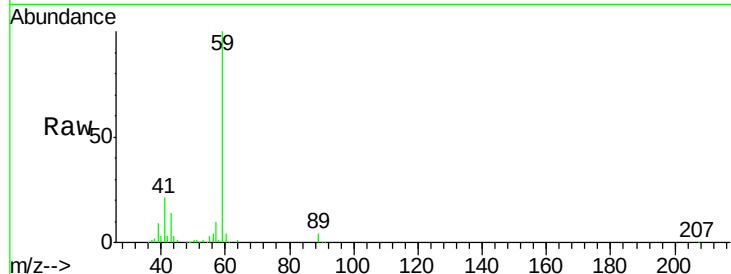
Tert butyl alcohol
Concen: 136.937 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	59	57	Ratio	100	8.8	Resp:	77203	Lower	Upper
59	100								
57		8.8						7.9	11.9

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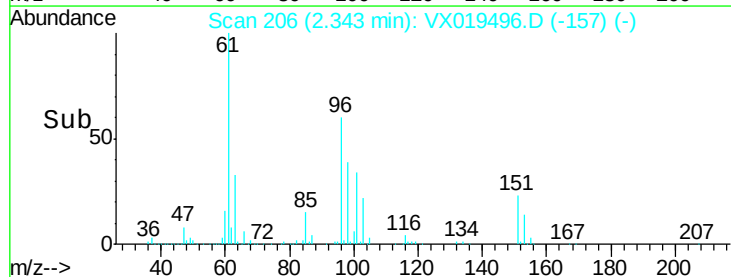
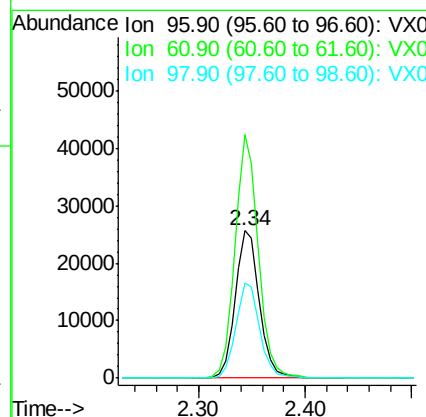
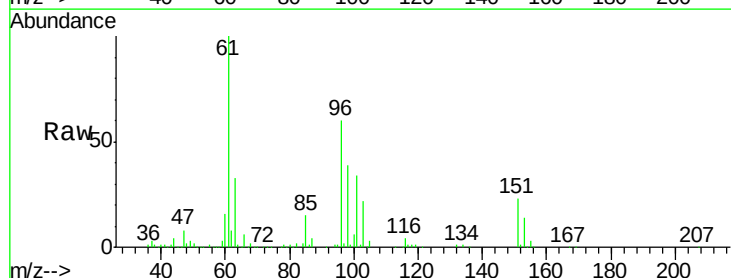
MMDadoda
11/23/2020 3:50:47 PM

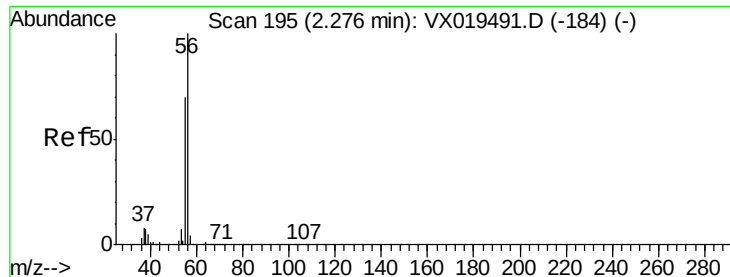


#12

1,1-Dichloroethene
Concen: 17.863 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	96	61	98	Ratio	100	165.4	64.6	Resp:	40746	Lower	Upper
96	100										
61		165.4								126.0	189.0
98		64.6								52.0	78.0





#13

Acrolein

Concen: 95.139 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 56 Resp: 36055

Ion Ratio Lower Upper

56 100

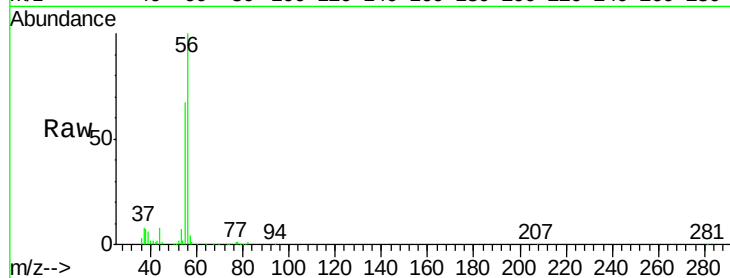
55 69.2 55.5 83.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

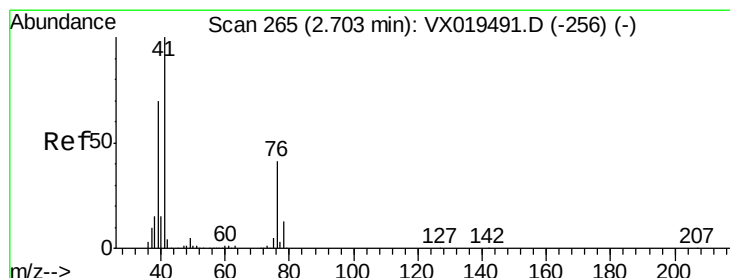
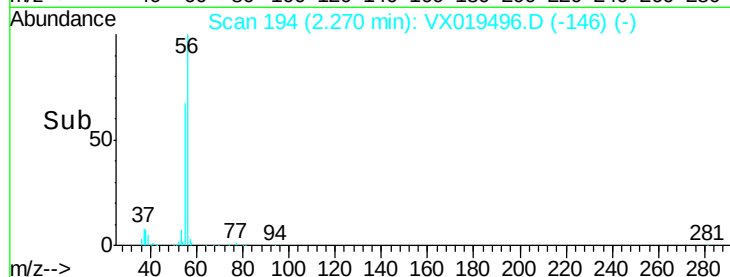
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 18.553 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

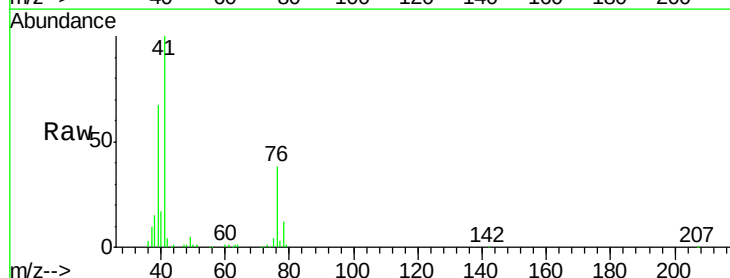
Tgt Ion: 41 Resp: 66299

Ion Ratio Lower Upper

41 100

39 66.2 53.0 79.4

76 38.2 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

20000

10000

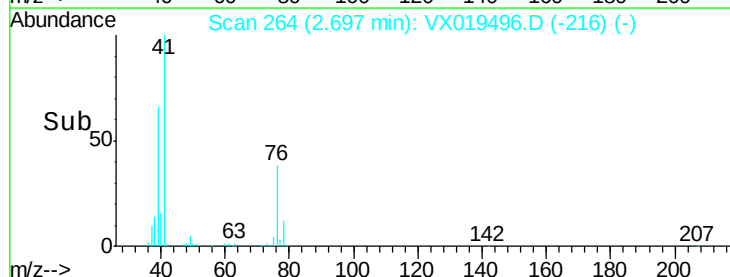
0

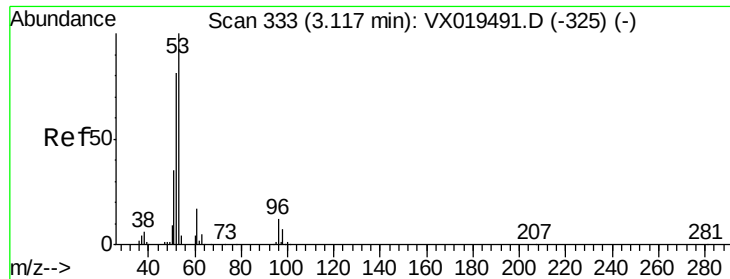
Time-->

2.60

2.70

2.80





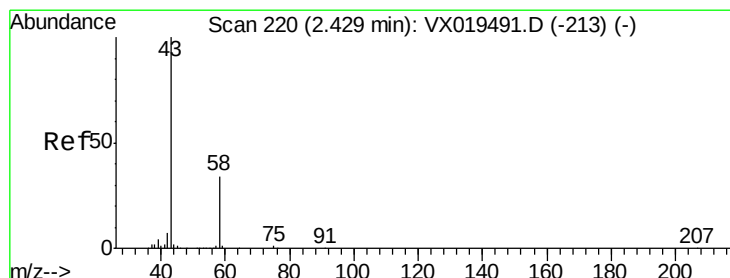
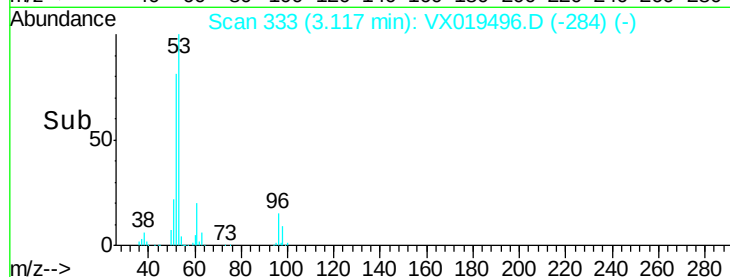
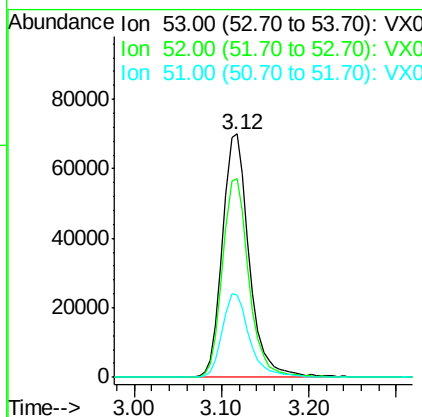
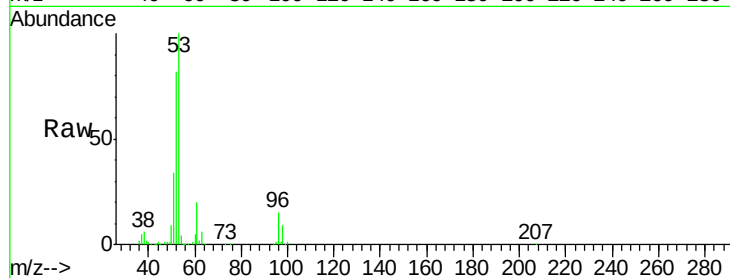
#15
 Acrylonitrile
 Concen: 110.850 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion:	53	Resp:	147386
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.2	99.2
51	35.2	28.5	42.7

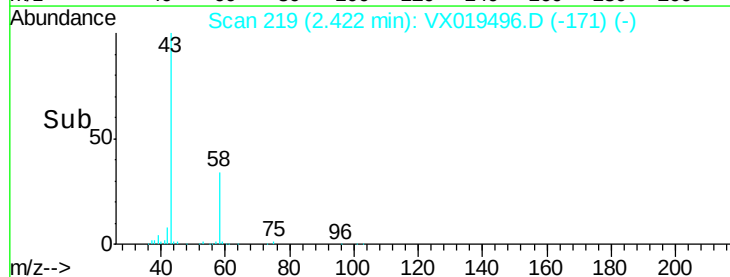
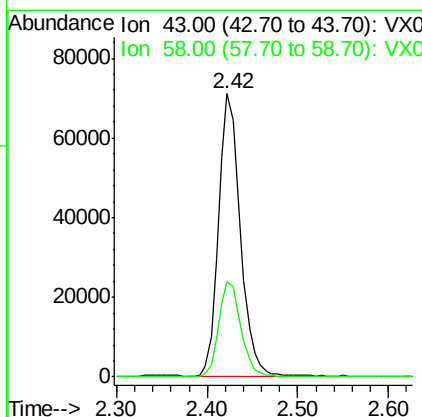
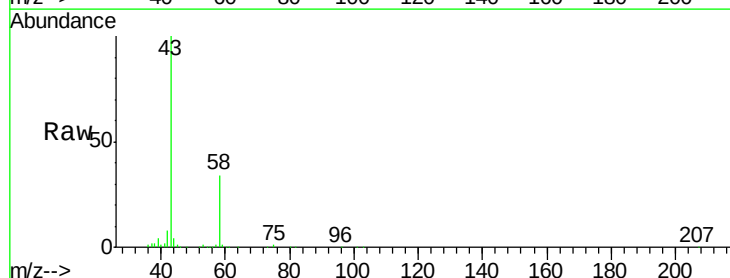
Manual Integrations
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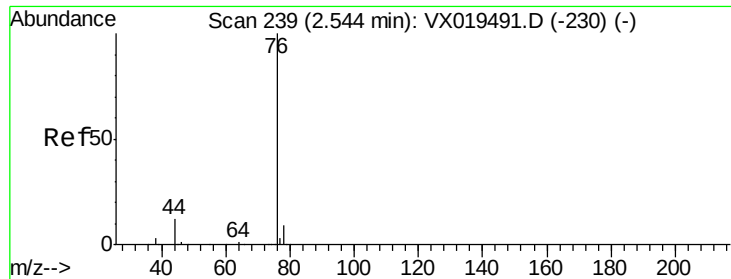
MMDadoda
 11/23/2020 3:50:47 PM



#16
 Acetone
 Concen: 103.620 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion:	43	Resp:	119375
Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.4	41.2





#17

Carbon Disulfide

Concen: 17.094 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 76 Resp: 104755

Ion Ratio Lower Upper

76 100

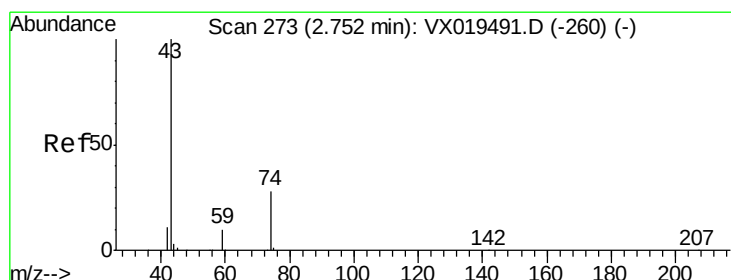
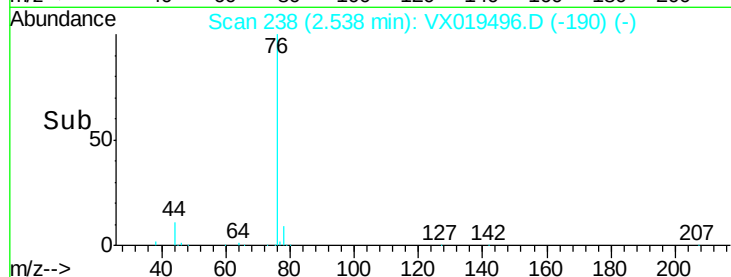
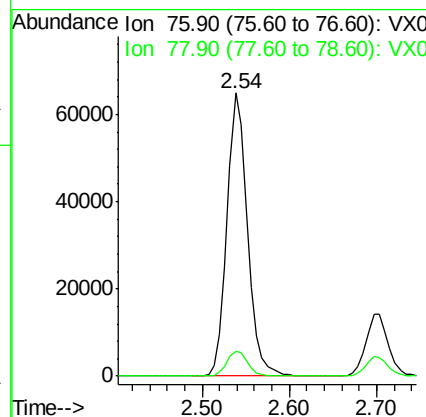
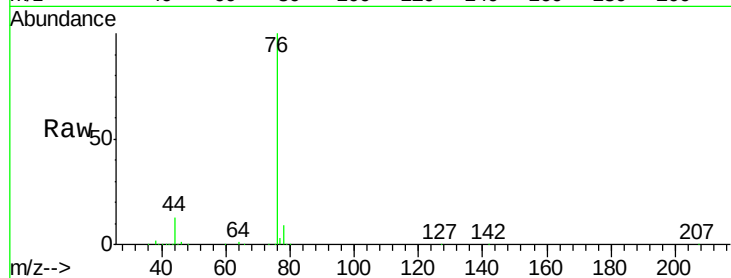
78 8.9 7.2 10.8

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#18

Methyl Acetate

Concen: 21.911 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019496.D

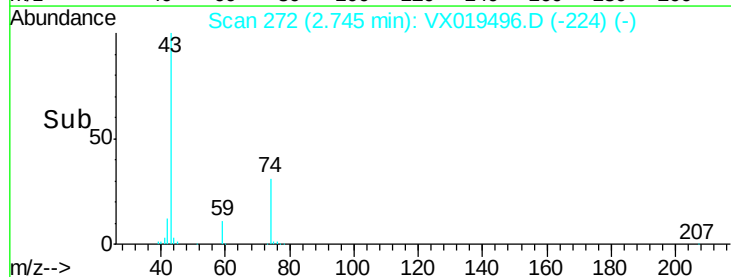
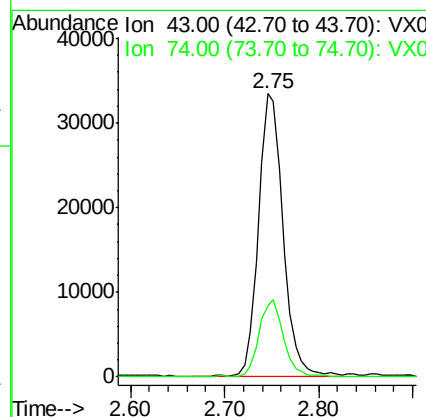
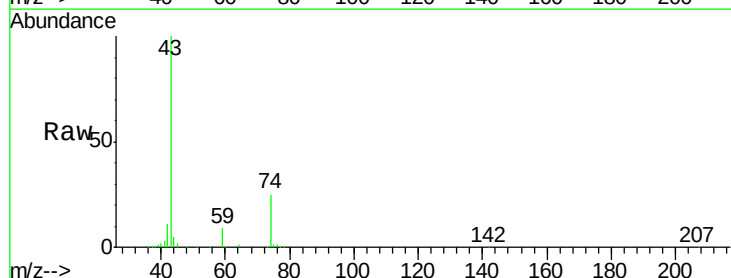
Acq: 20 Nov 2020 15:25

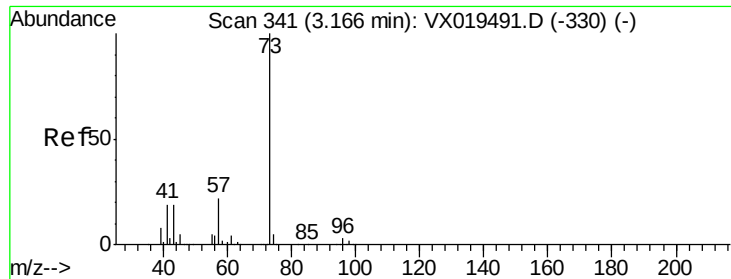
Tgt Ion: 43 Resp: 60872

Ion Ratio Lower Upper

43 100

74 27.4 22.2 33.4





#19

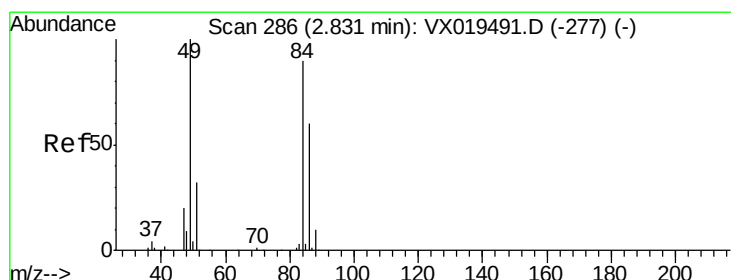
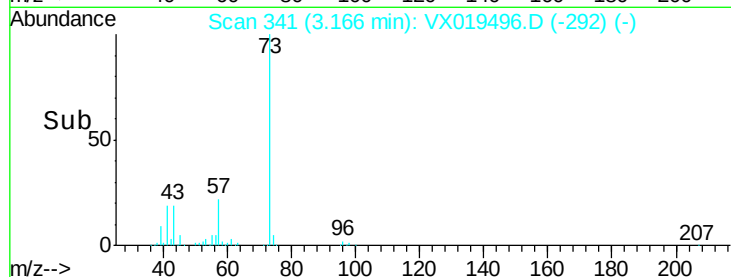
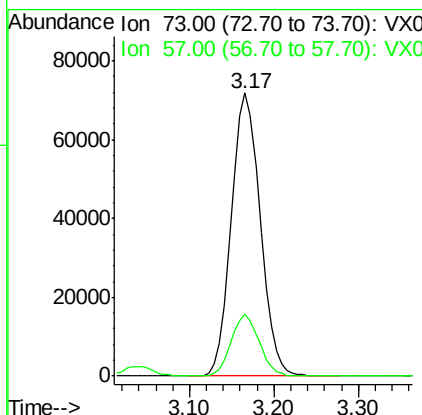
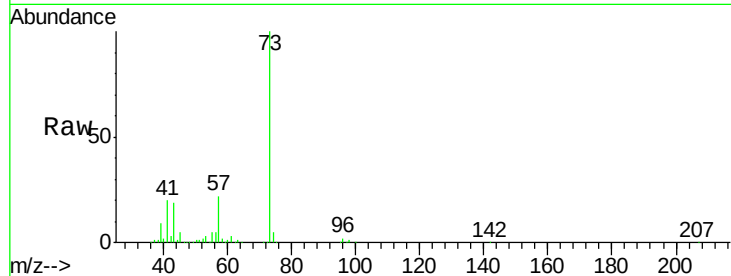
Methyl tert-butyl Ether
 Concen: 21.261 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.3	25.9

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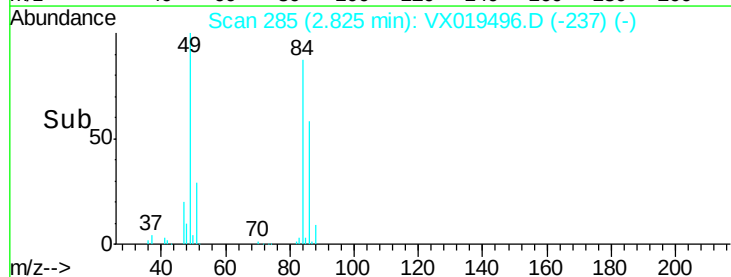
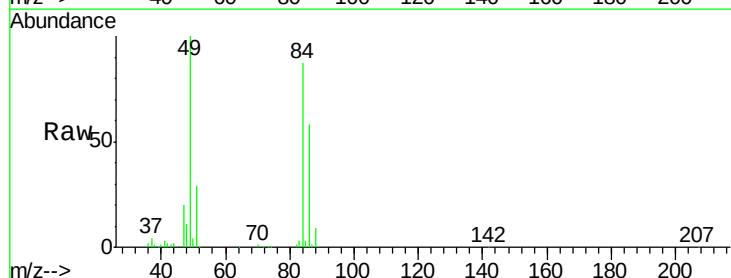
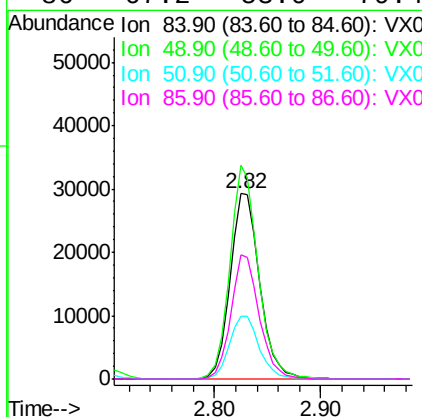
MMDadoda
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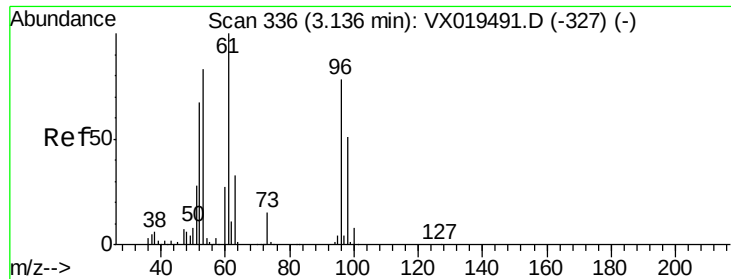


#20

Methylene Chloride
 Concen: 19.801 ug/l
 RT: 2.82 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.4	88.5	132.7
51	33.6	28.0	42.0
86	67.2	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 18.455 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 96 Resp: 47696

Ion Ratio Lower Upper

96 100

61 133.2 102.9 154.3

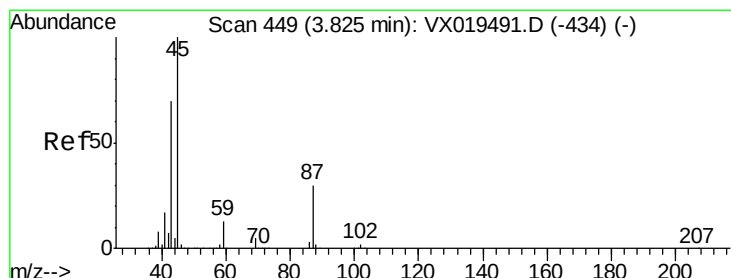
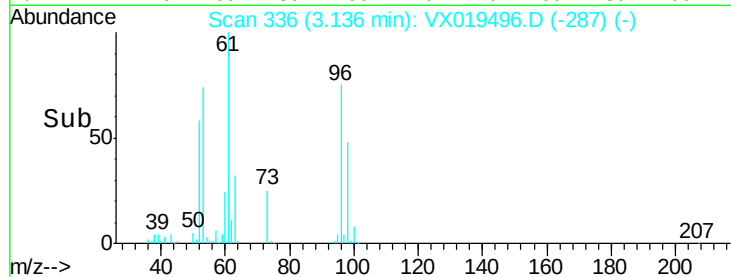
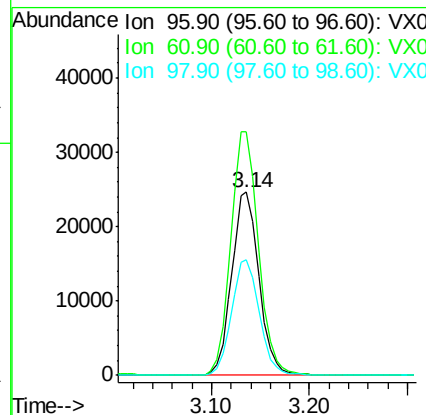
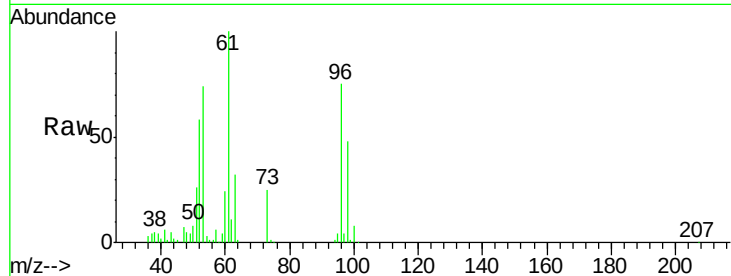
98 63.4 52.1 78.1

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#22

Diisopropyl ether

Concen: 20.691 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Tgt Ion: 45 Resp: 152957

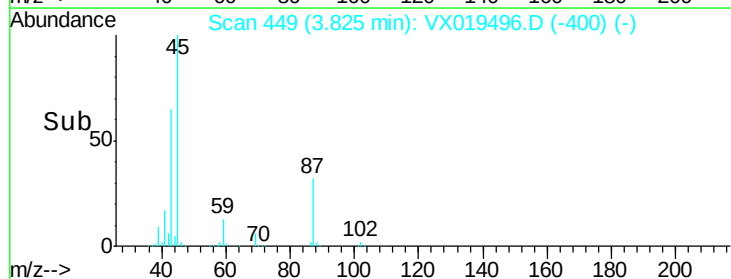
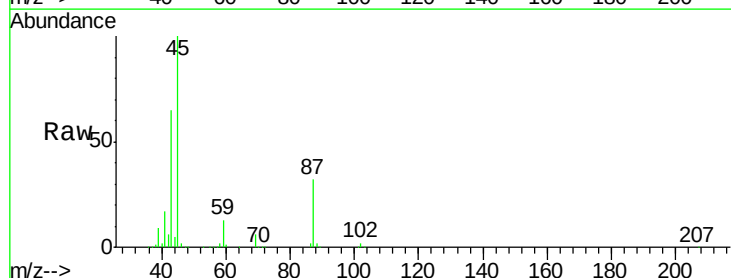
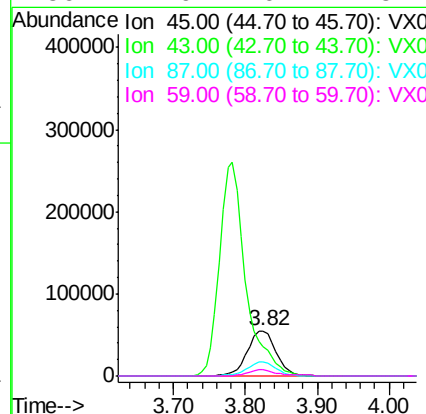
Ion Ratio Lower Upper

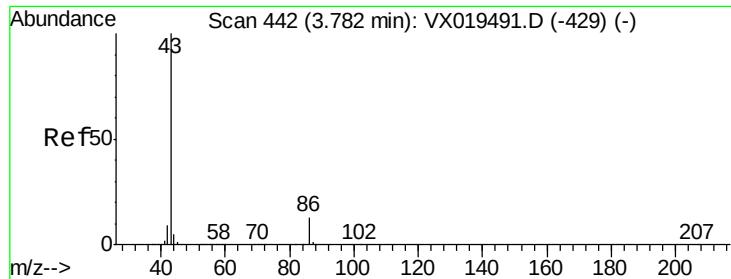
45 100

43 64.8 56.1 84.1

87 32.2 24.2 36.2

59 12.9 10.2 15.2





#23

Vinyl Acetate

Concen: 106.800 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 43 Resp: 662222

Ion Ratio Lower Upper

43 100

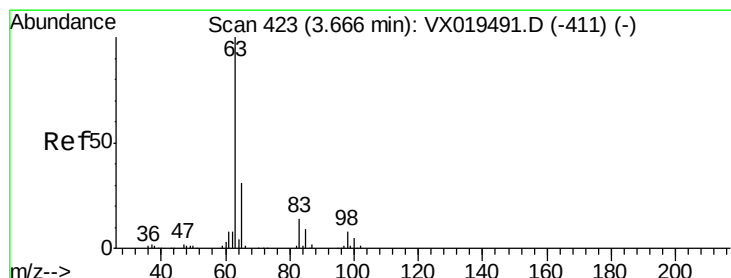
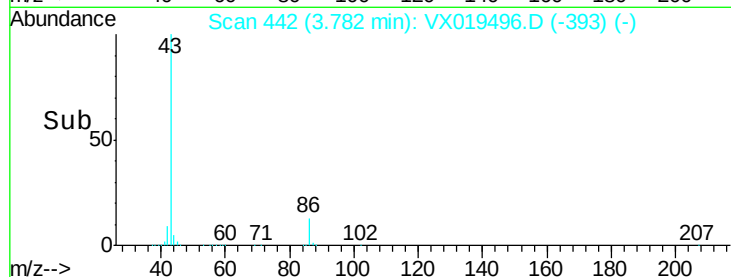
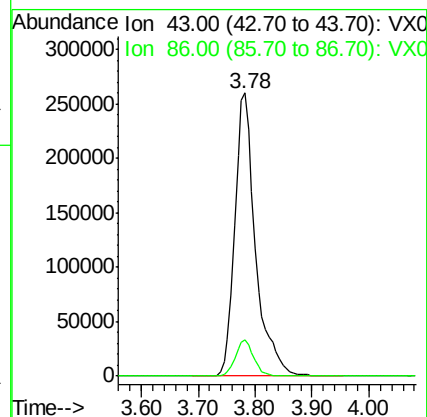
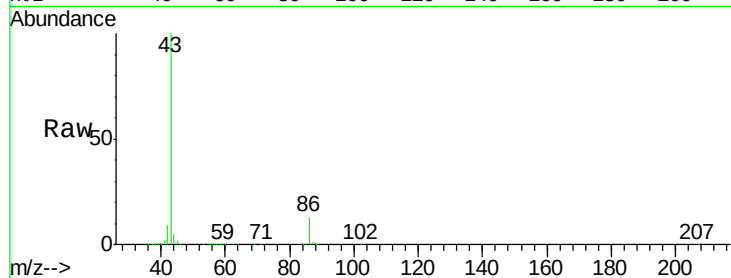
86 12.8 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.675 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

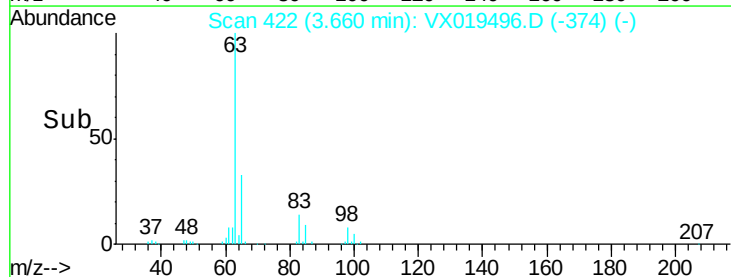
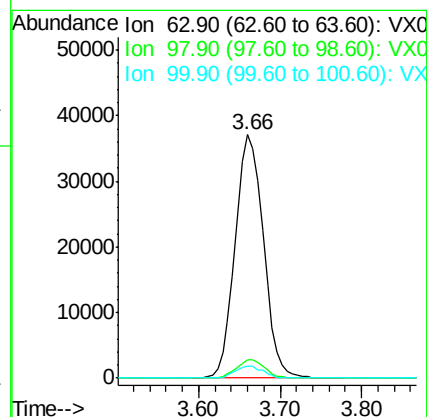
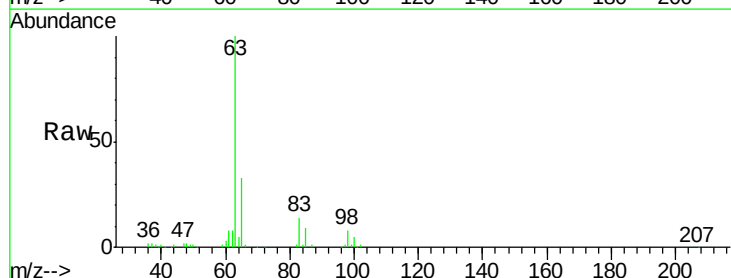
Tgt Ion: 63 Resp: 88963

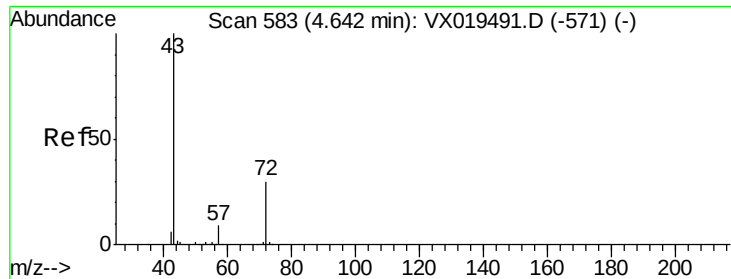
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 109.222 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 43 Resp: 189019

Ion Ratio Lower Upper

43 100

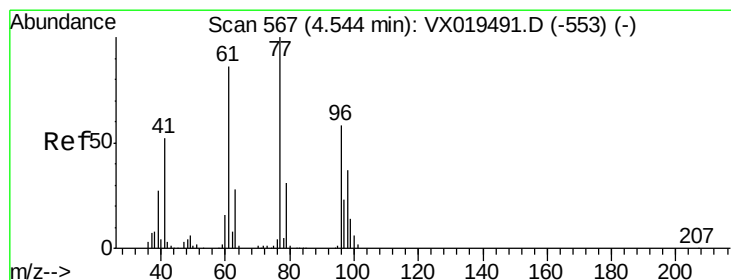
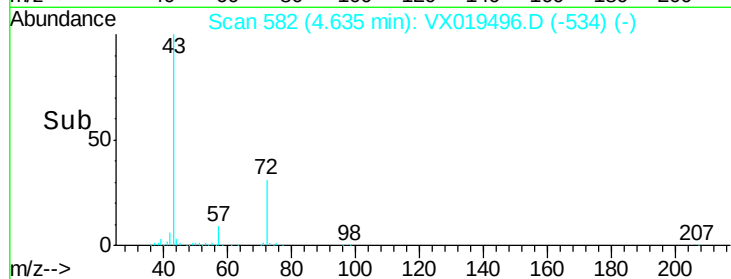
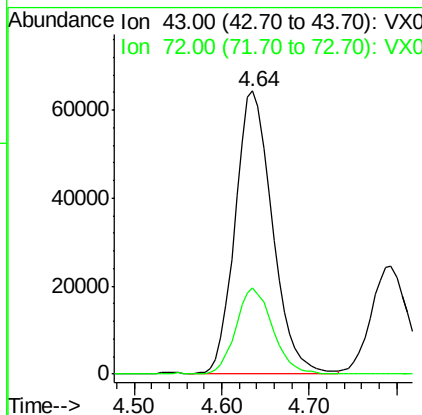
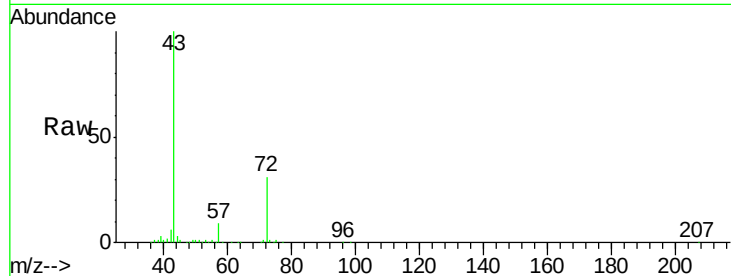
72 30.4 24.0 36.0

Manual Integrations

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MMDadoda

11/23/2020 3:50:47 PM



#26

2,2-Dichloropropane

Concen: 17.320 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX019496.D

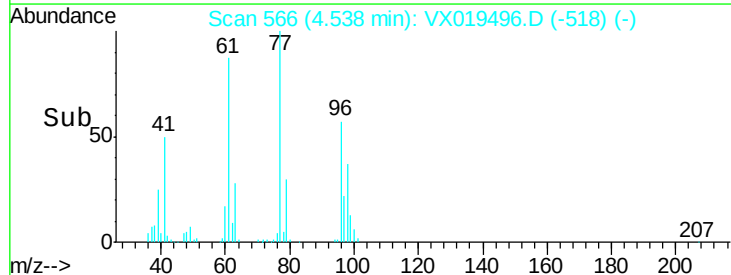
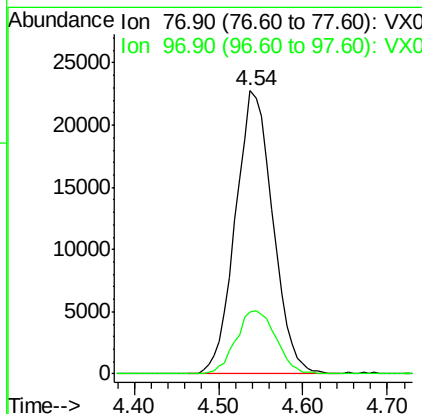
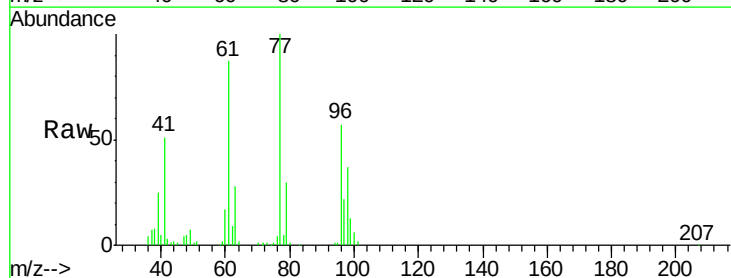
Acq: 20 Nov 2020 15:25

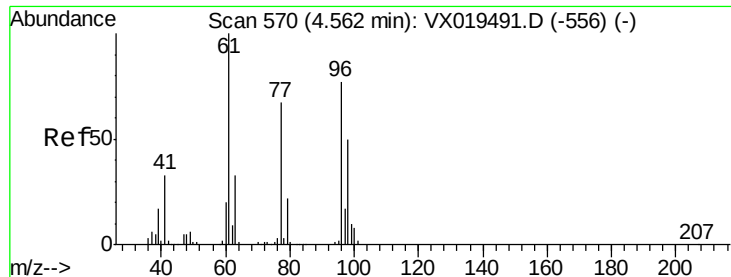
Tgt Ion: 77 Resp: 68354

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.8





#27

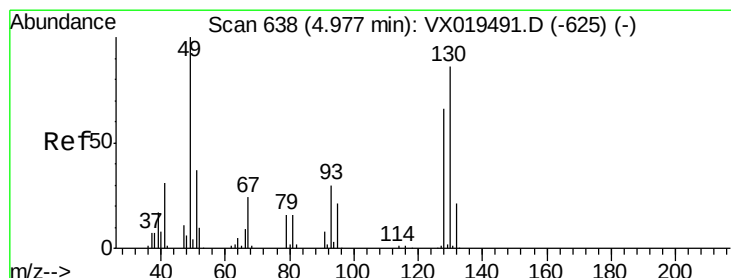
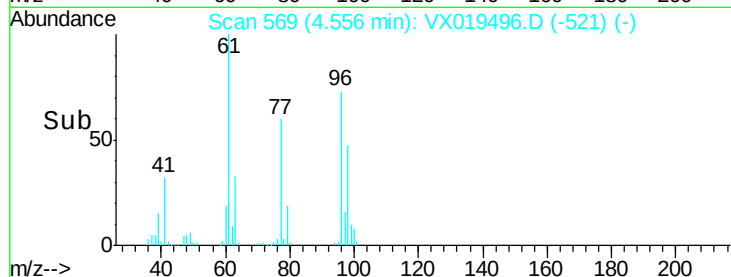
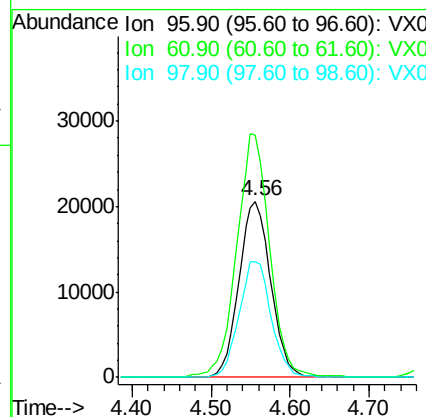
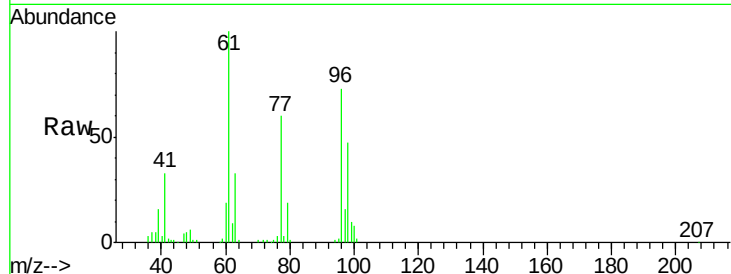
cis-1,2-Dichloroethene
Concen: 19.475 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	279.2
98	66.4	0.0	129.8

Manual Integrations
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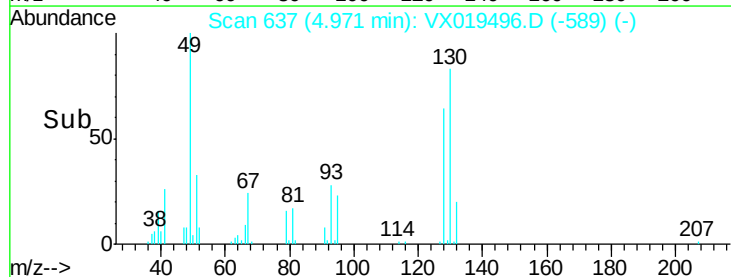
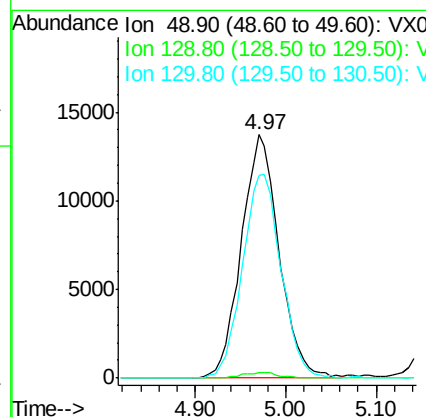
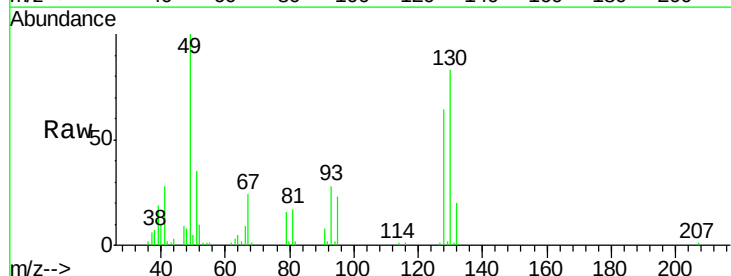
MMDadoda
11/23/2020 3:50:47 PM

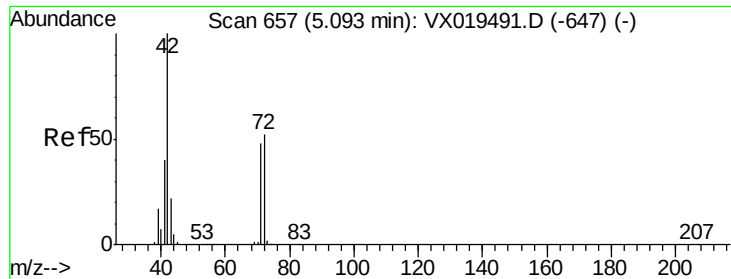


#28

Bromochloromethane
Concen: 18.318 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	85.3	69.0	103.6





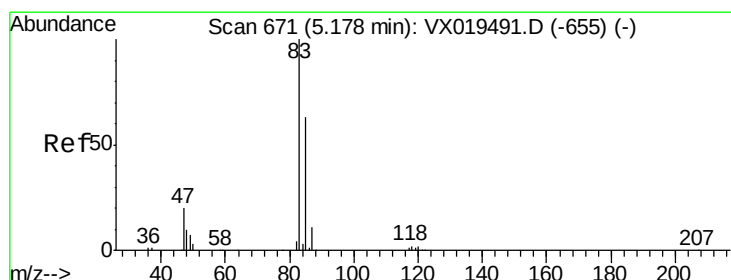
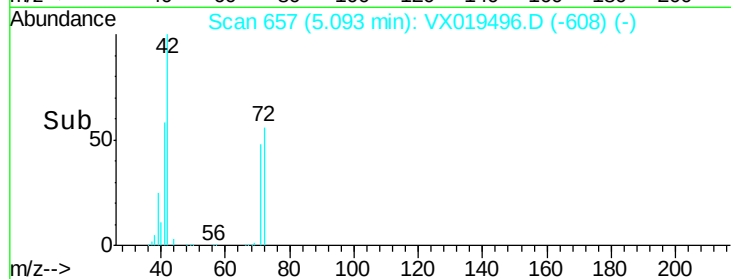
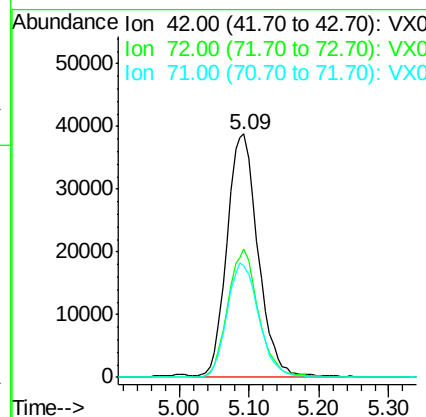
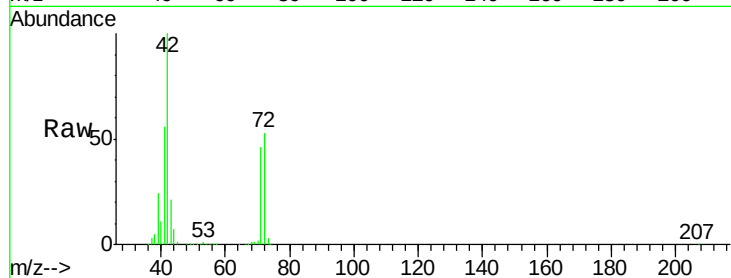
#29
Tetrahydrofuran
Concen: 107.459 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	42.6	63.8
71	48.5	39.0	58.6

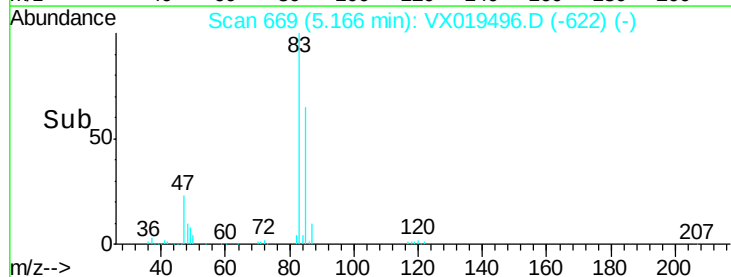
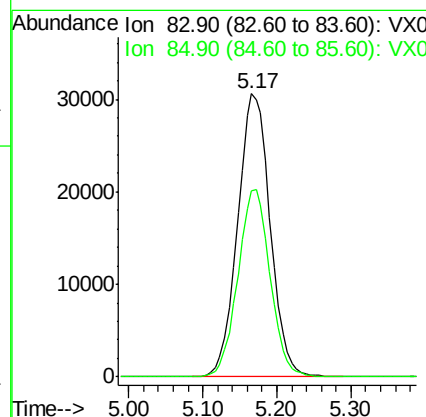
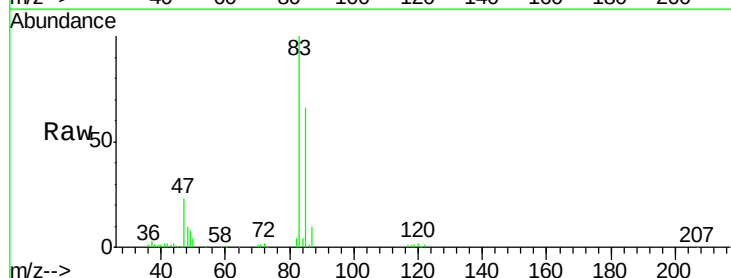
Manual Integrations
APPROVED

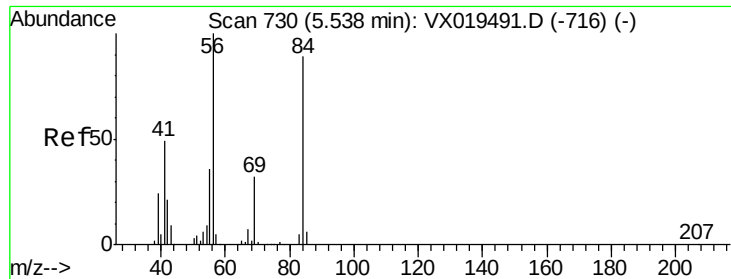
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11/23/2020 3:50:47 PM



#30
Chloroform
Concen: 19.798 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.5	75.7





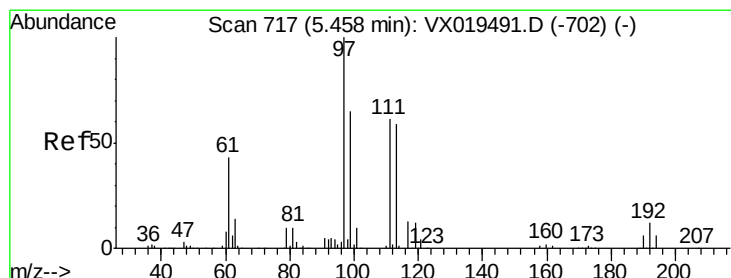
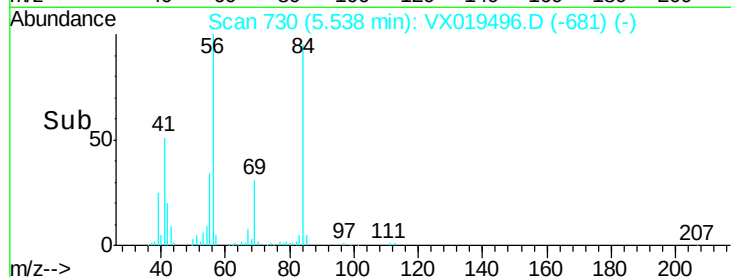
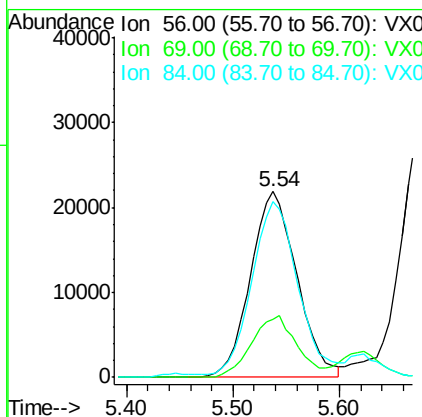
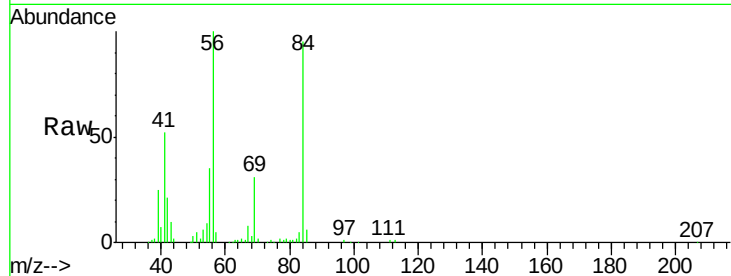
#31
Cyclohexane
Concen: 17.214 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.5	38.3
84	93.0	71.1	106.7

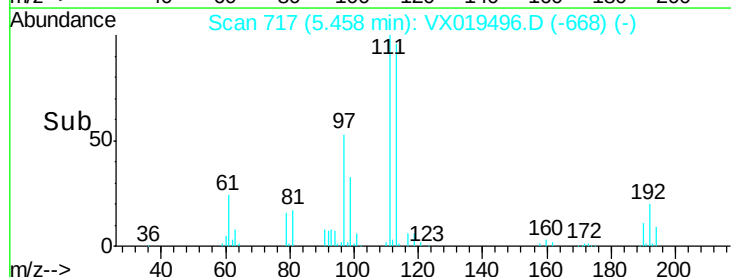
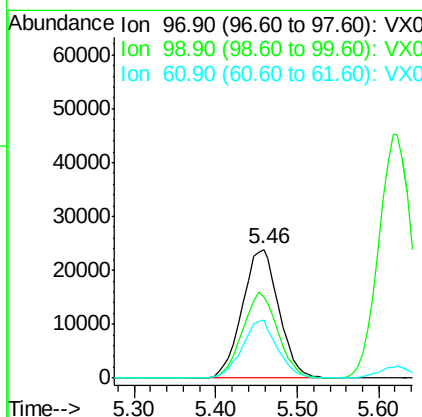
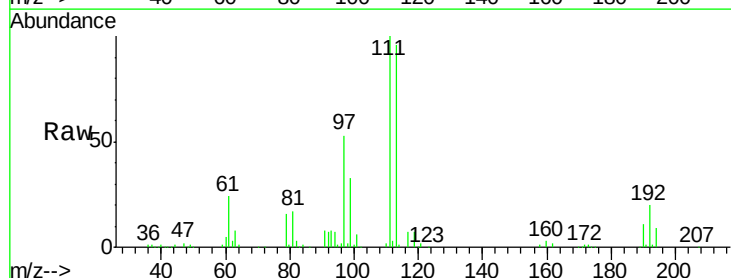
Manual Integrations
APPROVED

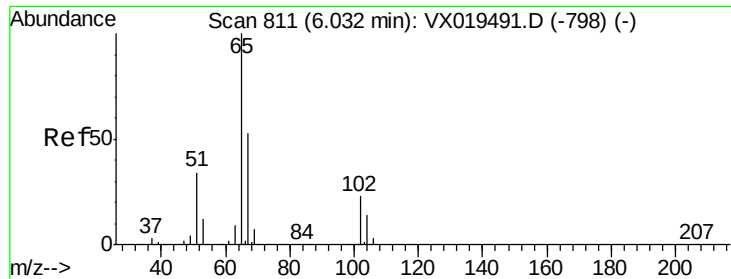
MMDadoda
11/23/2020 3:50:47 PM



#32
1,1,1-Trichloroethane
Concen: 18.324 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	43.4	34.2	51.2





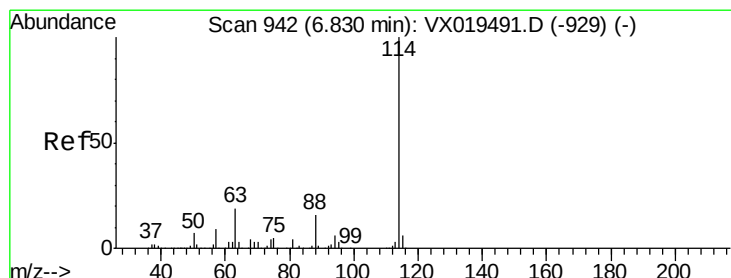
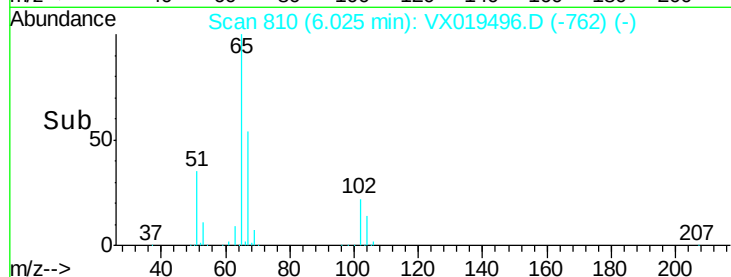
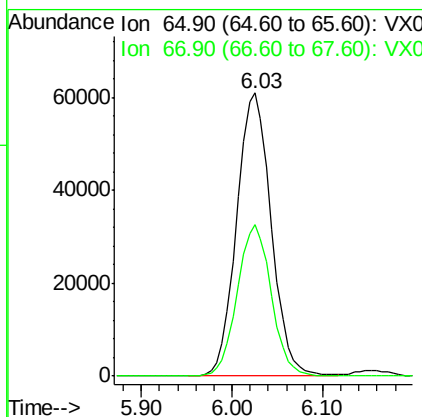
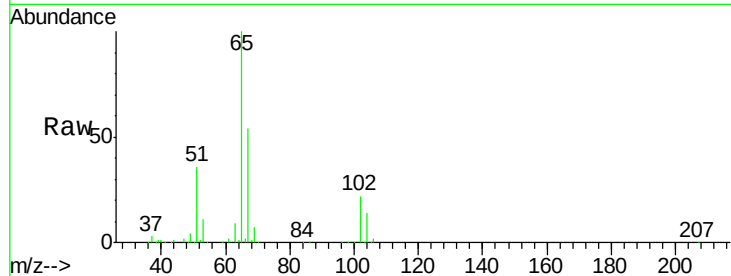
#33
 1,2-Dichloroethane-d4
 Concen: 53.889 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160537		
67	52.8	0.0	105.0	

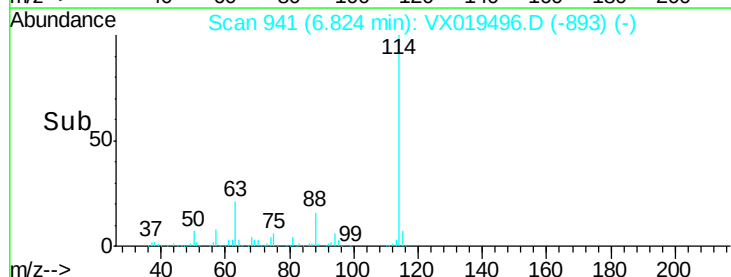
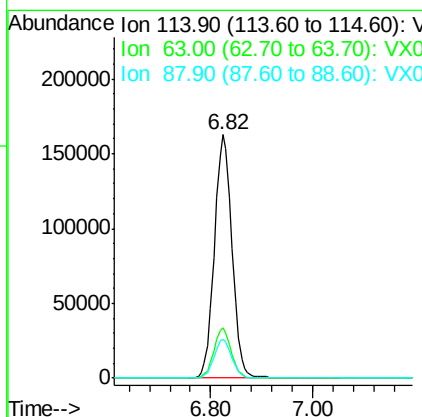
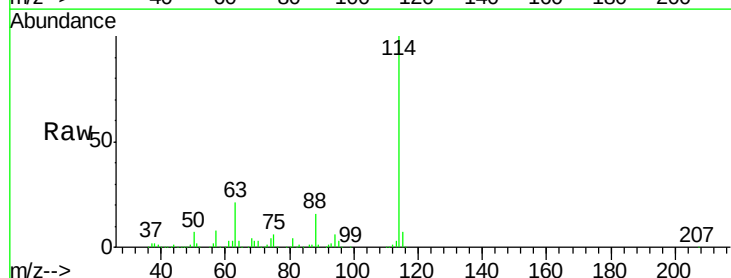
Manual Integrations
 APPROVED

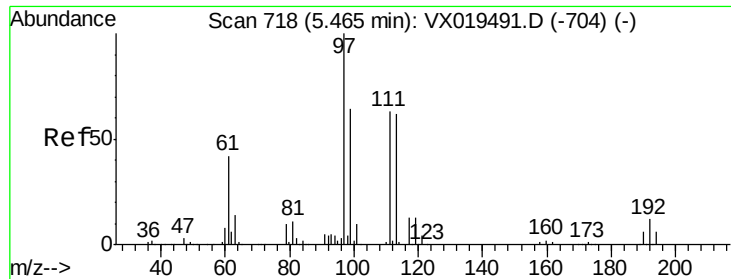
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	390896		
63	20.7	0.0	38.8	
88	16.1	0.0	31.6	





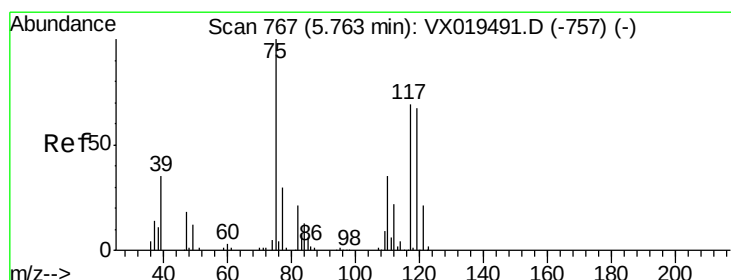
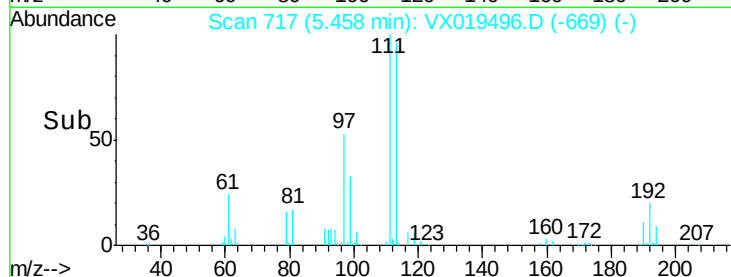
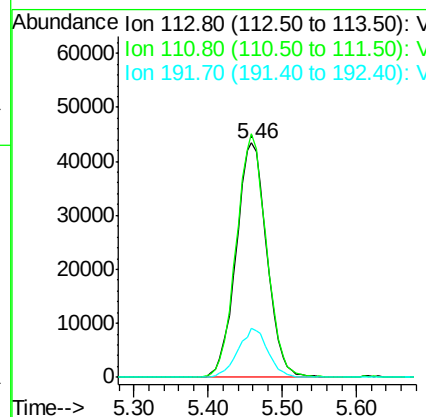
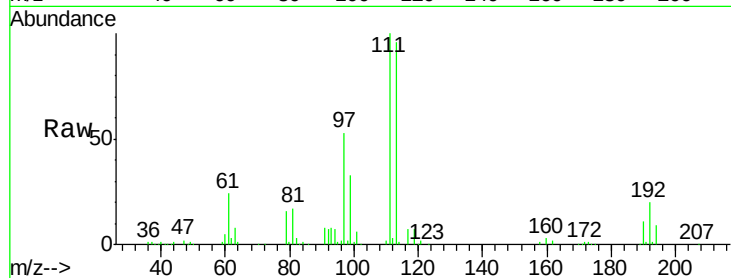
#35
Dibromofluoromethane
Concen: 50.930 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124964		
111	102.3	81.5	122.3	
192	20.4	16.2	24.2	

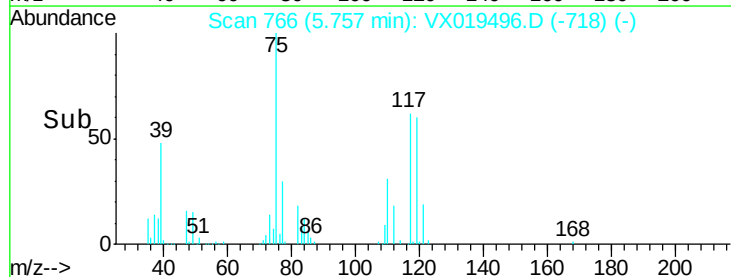
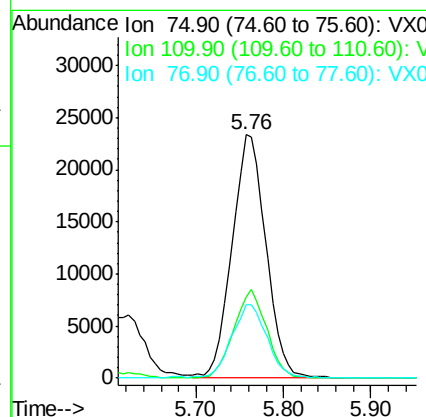
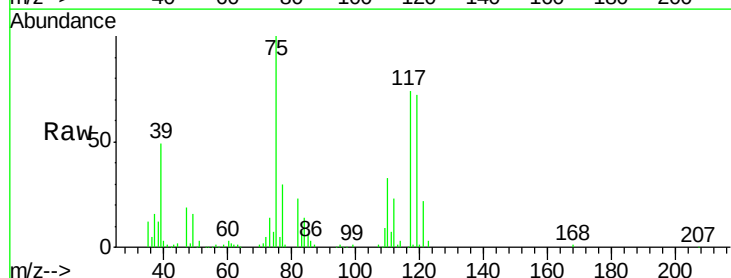
Manual Integrations
APPROVED

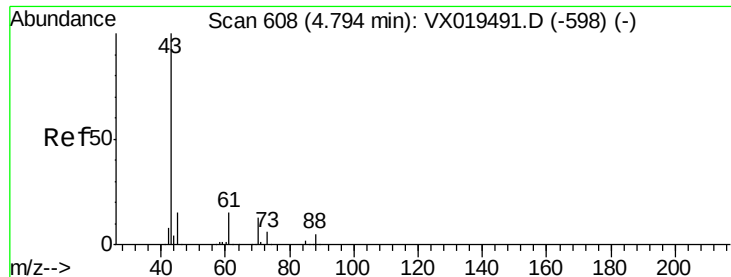
MMDadoda
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#36
1,1-Dichloropropene
Concen: 17.219 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63101		
110	35.4	18.1	54.3	
77	31.5	24.2	36.4	





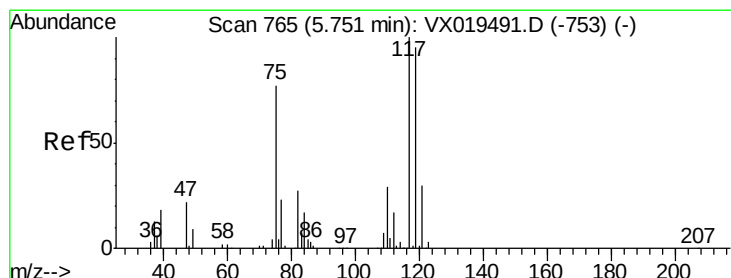
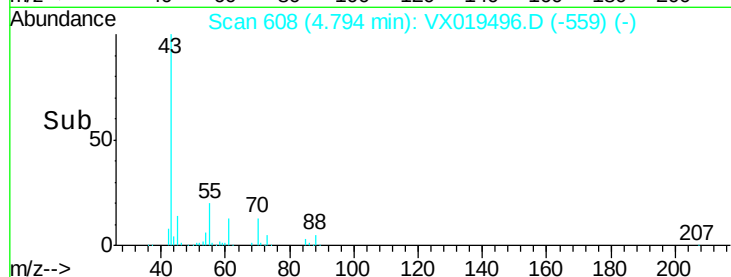
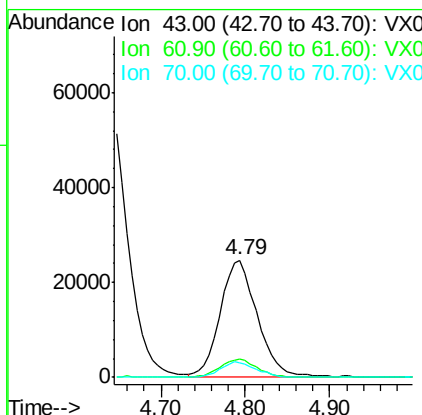
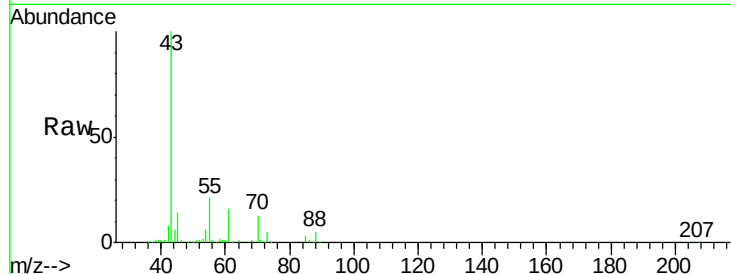
#37
Ethyl Acetate
Concen: 21.096 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.7	19.1
70	12.8	10.2	15.2

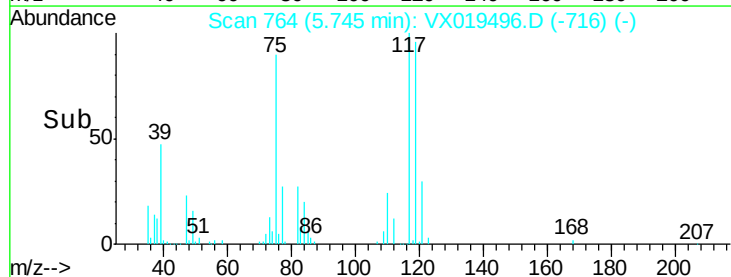
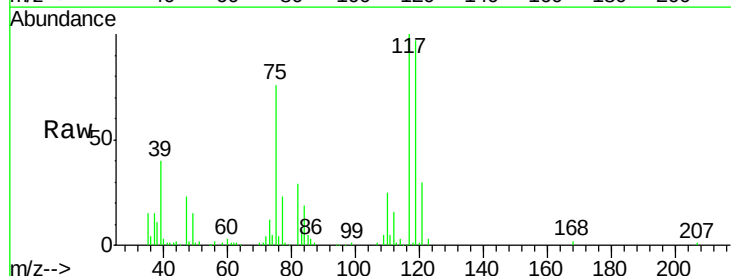
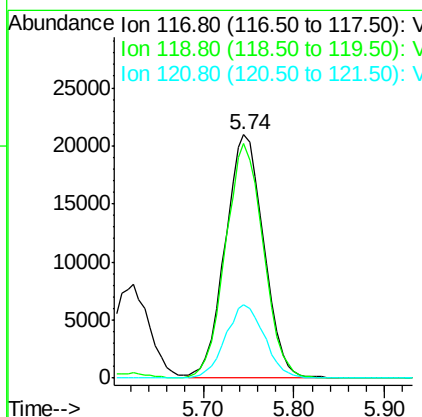
Manual Integrations
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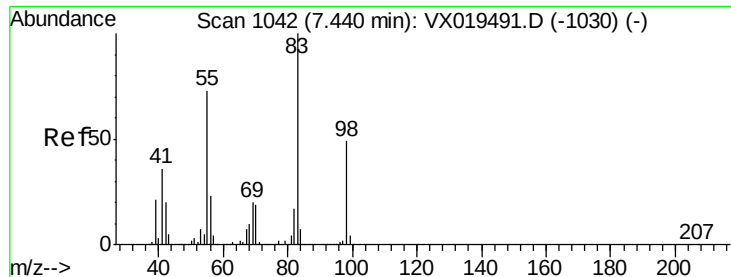
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#38
Carbon Tetrachloride
Concen: 17.404 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.9	113.9
121	30.3	24.0	36.0





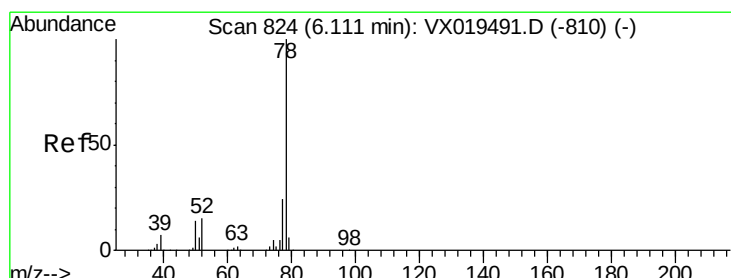
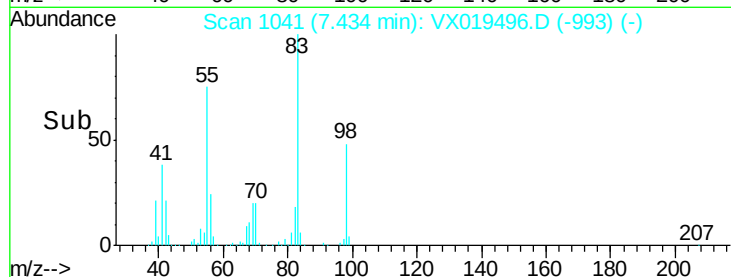
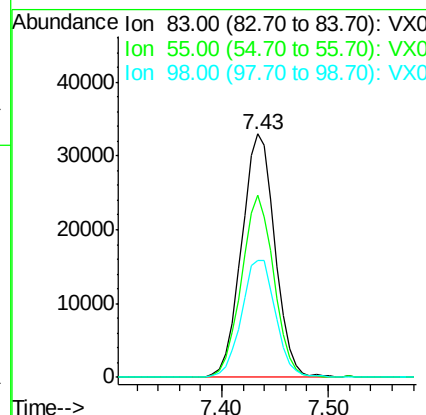
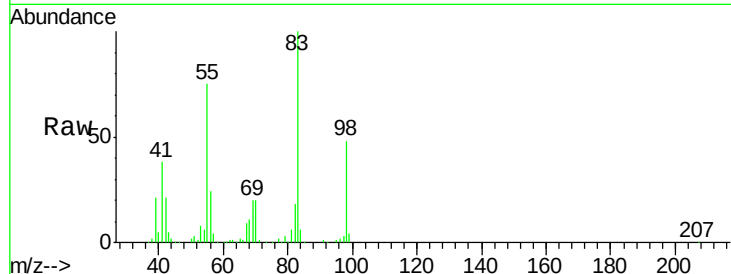
#39
Methylvlcyclohexane
Concen: 16.997 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	58.3	87.5
98	48.1	38.9	58.3

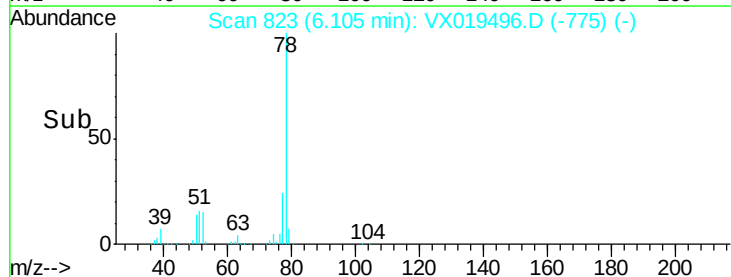
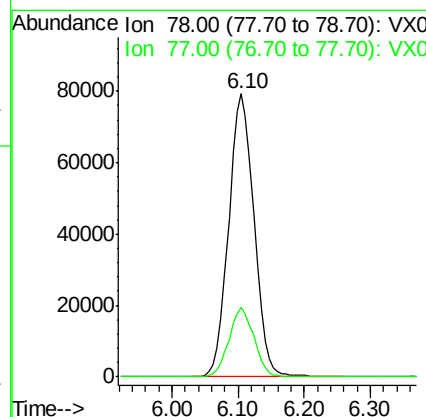
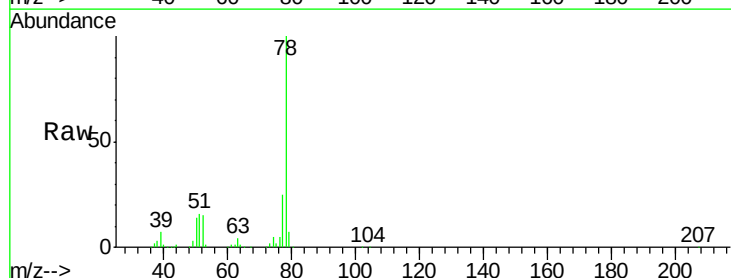
Manual Integrations
APPROVED

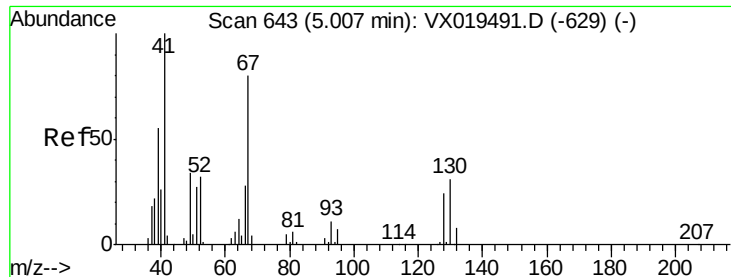
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11/23/2020 3:50:47 PM



#40
Benzene
Concen: 18.690 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.9	28.3





#41

Methacrylonitrile

Concen: 20.616 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

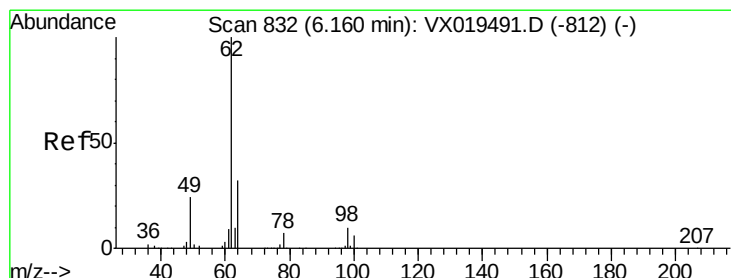
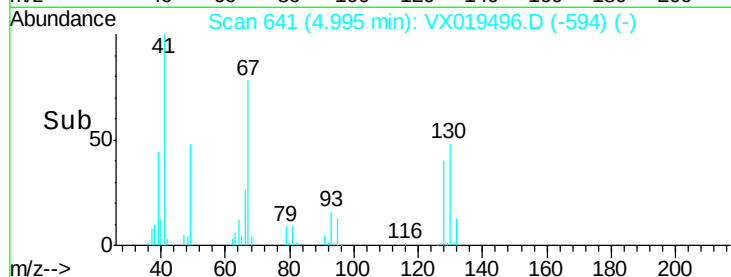
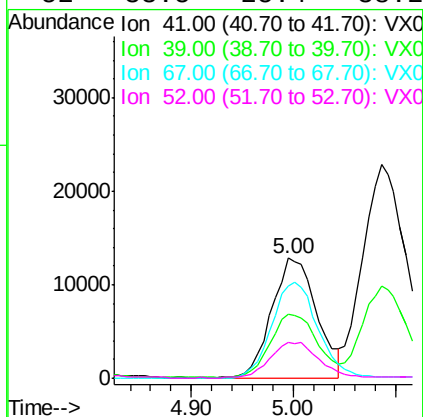
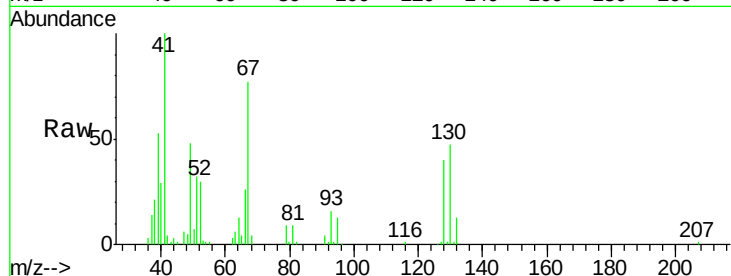
ClientSampleId :

VX1121WBS01

Tot Ion	Ion	Ratio	Lower	Upper
39112	41	100		
	39	55.2	43.3	64.9
	67	83.0	66.0	99.0
	52	33.5	25.4	38.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.400 ug/l

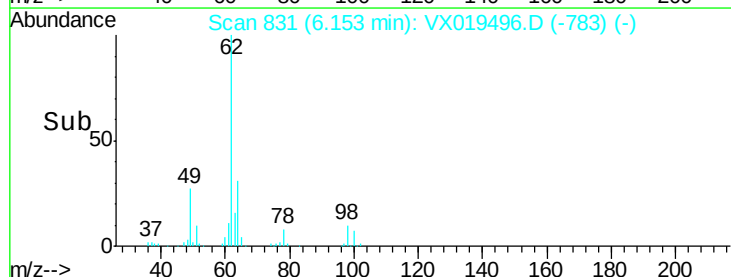
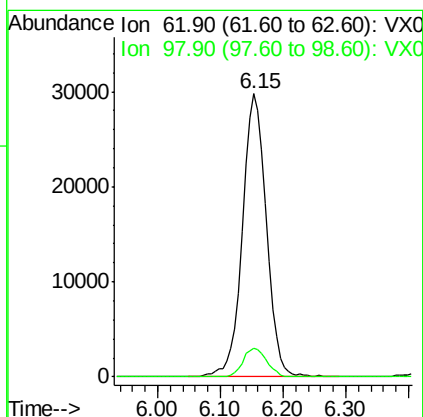
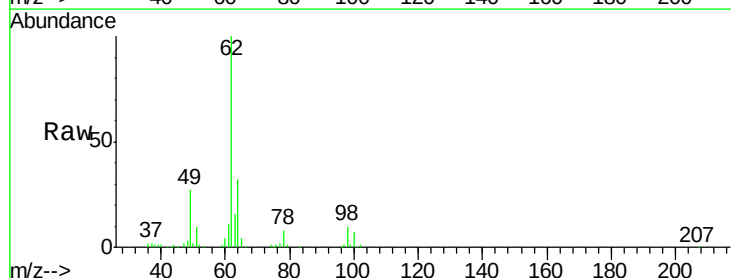
RT: 6.15 min Scan# 831

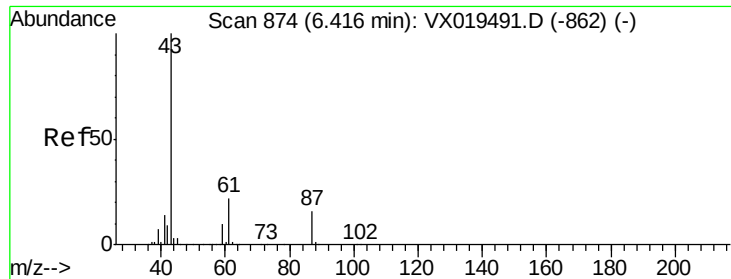
Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
78730	62	100		
	98	10.0	0.0	20.0





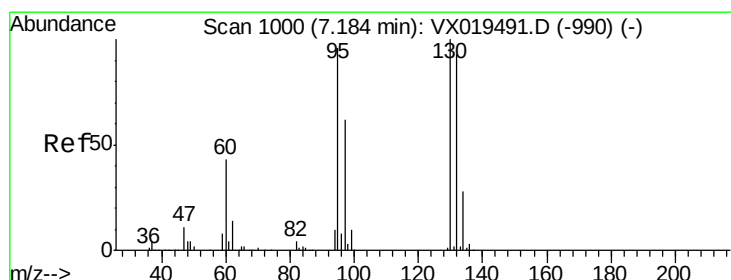
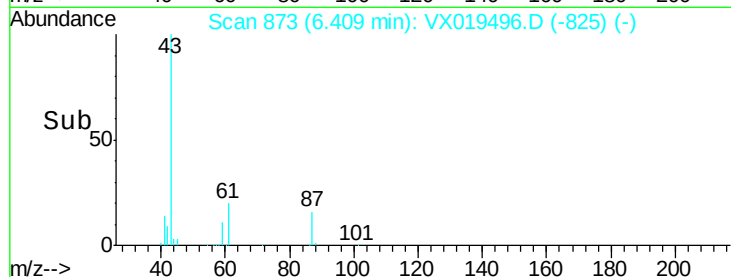
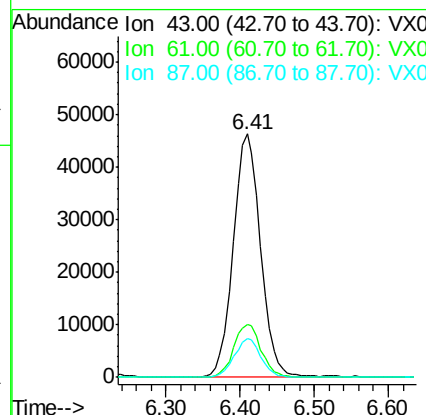
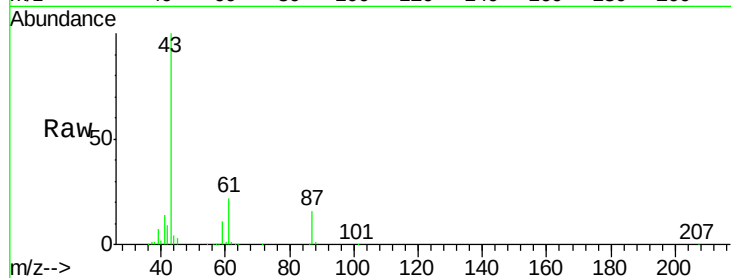
#43
Isopropyl Acetate
Concen: 20.491 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	18.2	27.2
87	15.6	12.6	18.8

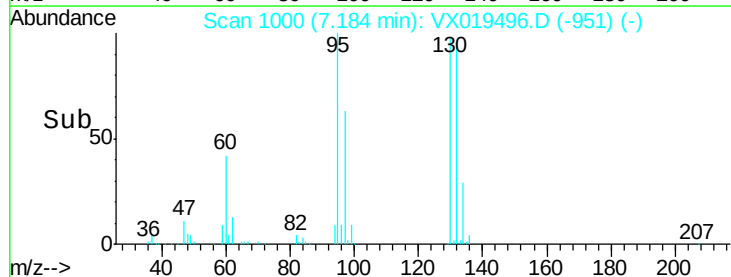
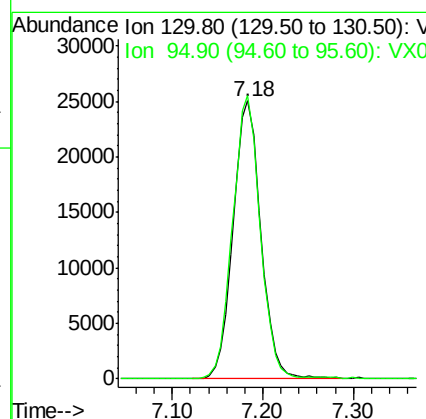
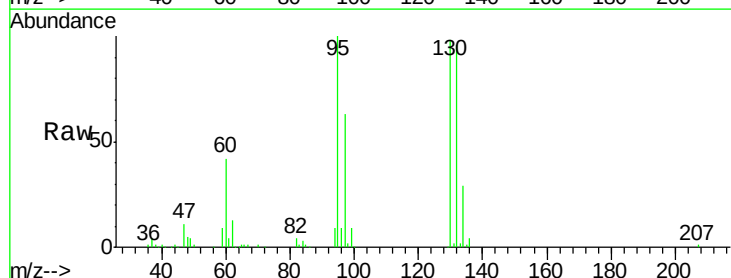
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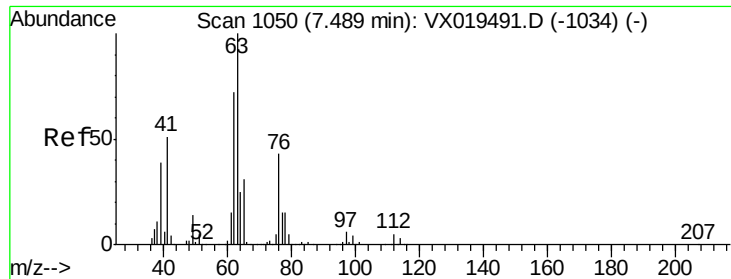
MMDadoda
11/23/2020 3:50:47 PM



#44
Trichloroethene
Concen: 18.061 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	191.2





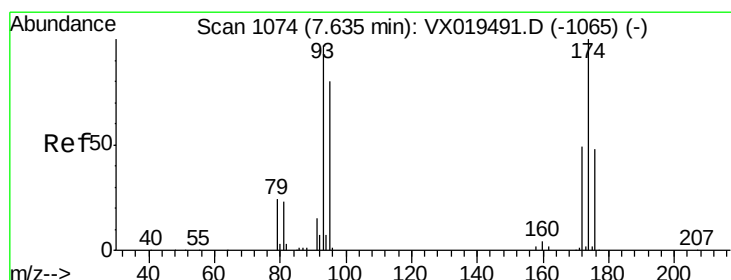
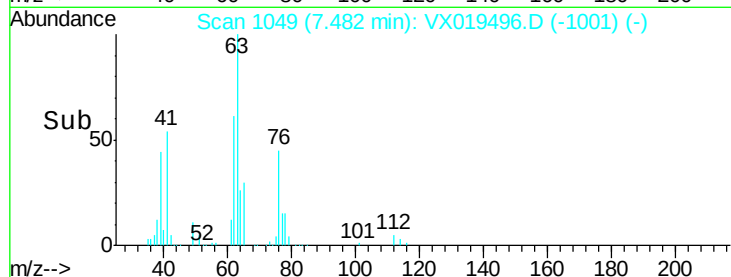
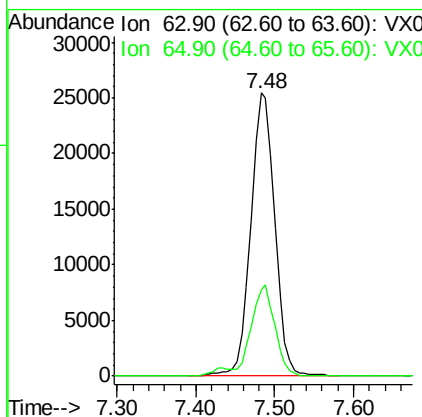
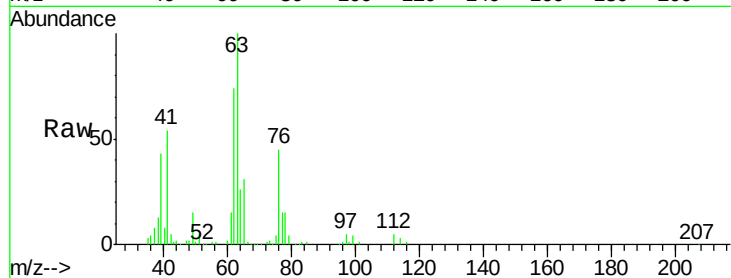
#45
 1,2-Dichloropropane
 Concen: 19.418 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion: 63 Resp: 53825
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4

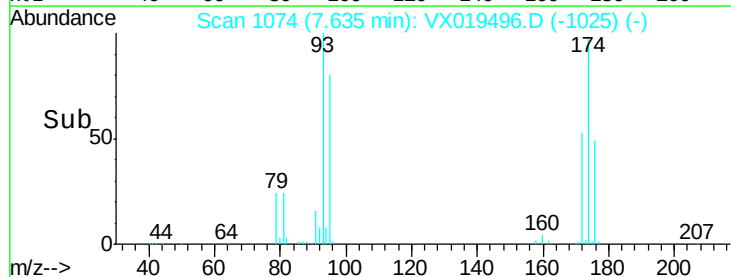
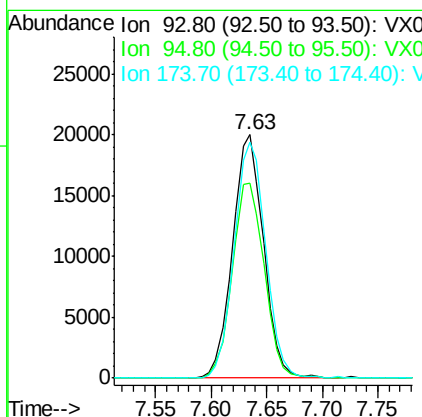
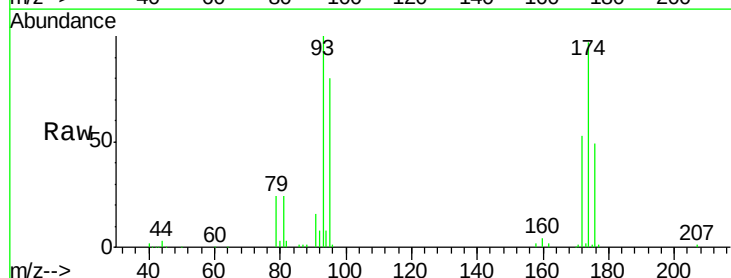
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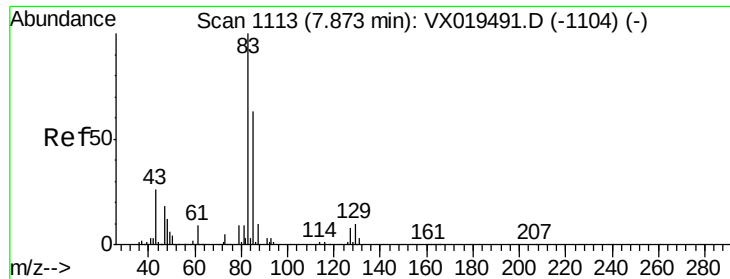
MMDadoda
 11/23/2020 3:50:47 PM



#46
 Dibromomethane
 Concen: 20.273 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion: 93 Resp: 38461
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 99.0 83.0 124.4





#47

Bromodichloromethane

Concen: 19.463 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

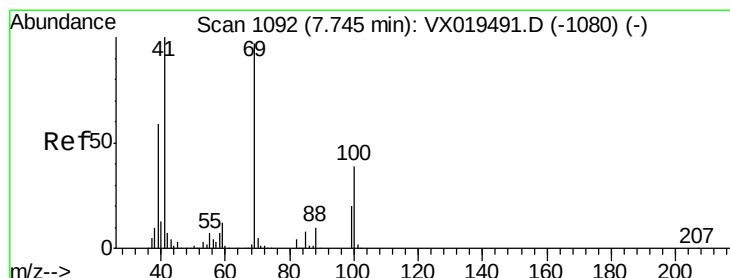
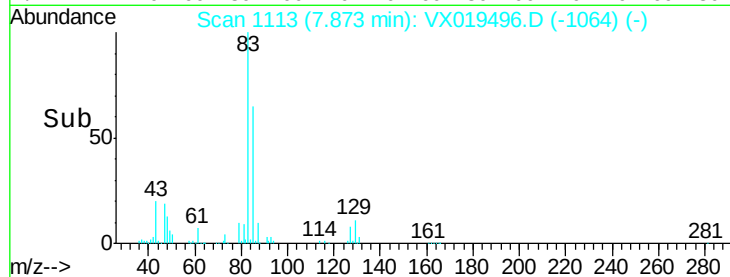
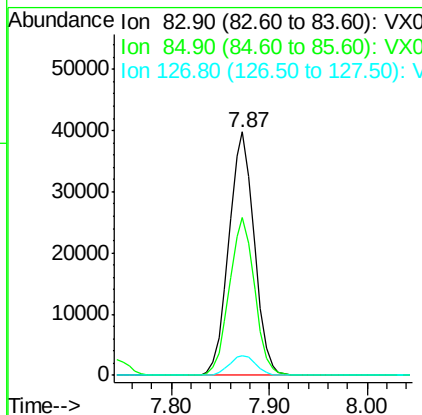
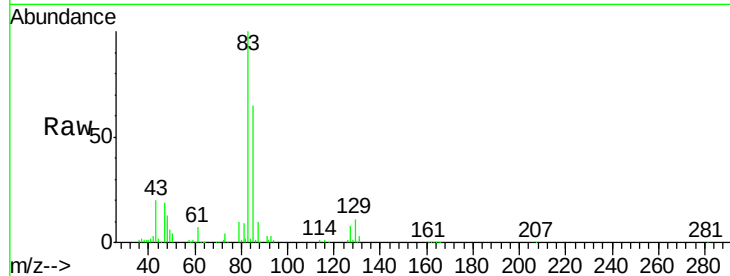
ClientSampleId :

VX1121WBS01

Tot Ion:	83	Resp:	71650
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.2	75.2
127	8.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.960 ug/l

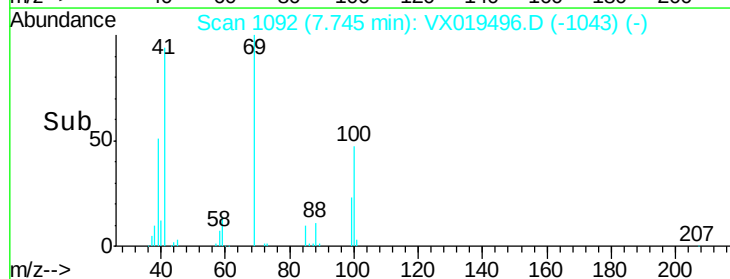
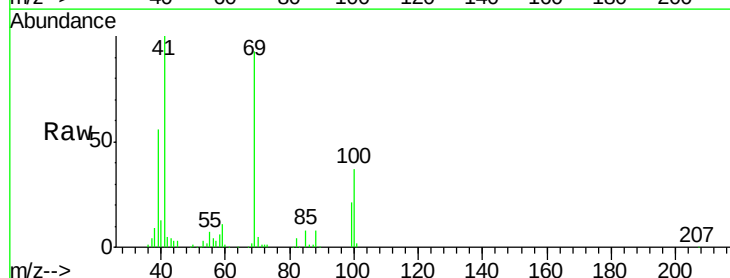
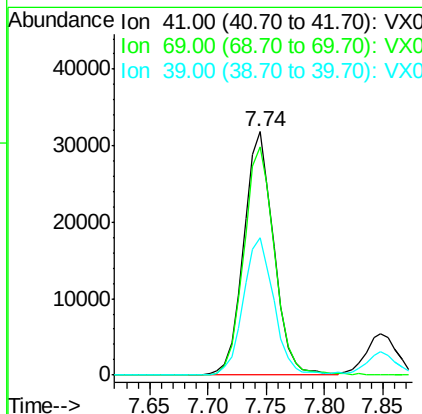
RT: 7.74 min Scan# 1092

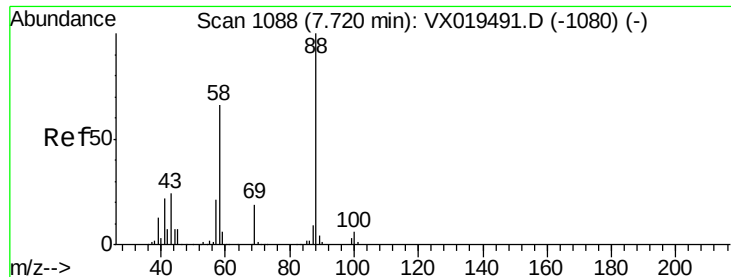
Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Tgt Ion:	41	Resp:	56770
Ion	Ratio	Lower	Upper
41	100		
69	96.7	77.0	115.6
39	58.0	45.6	68.4





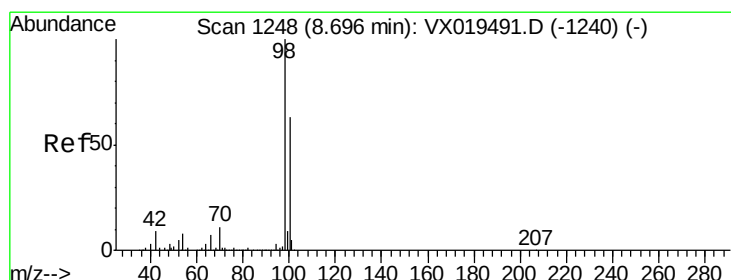
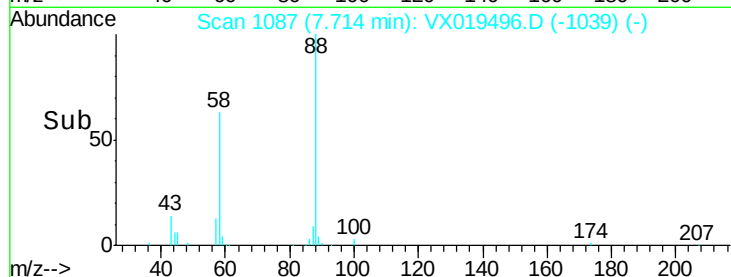
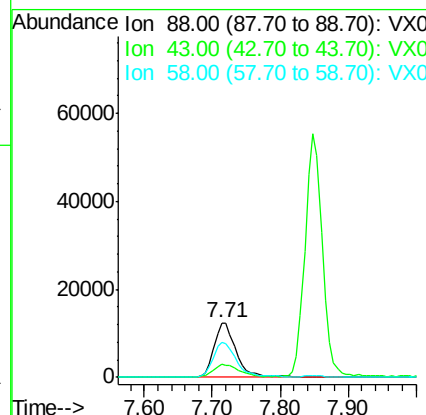
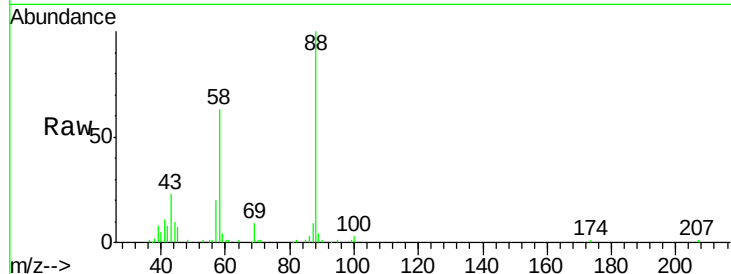
#49
1,4-Dioxane
Concen: 463.736 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.8	35.6
58	64.5	54.2	81.2

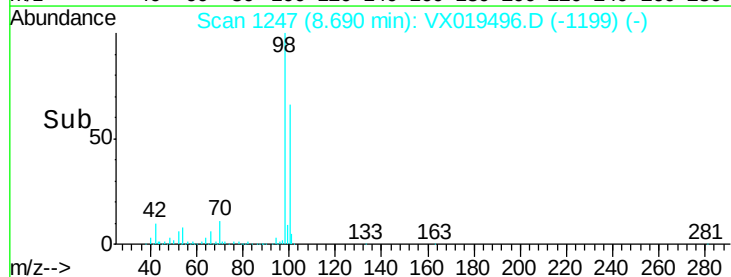
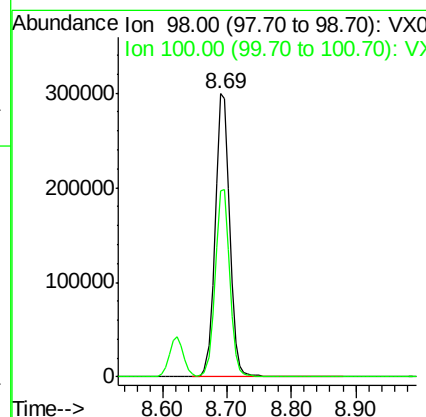
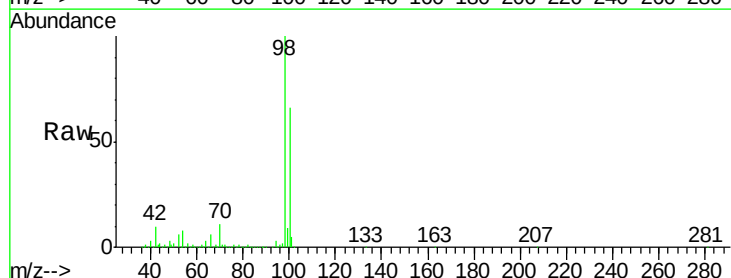
Manual Integrations
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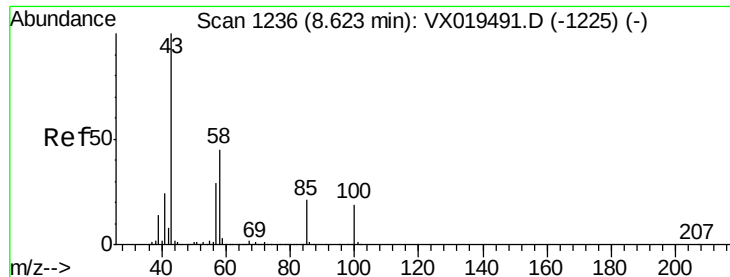
MMDadoda
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#50
Toluene-d8
Concen: 49.925 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.4	78.6





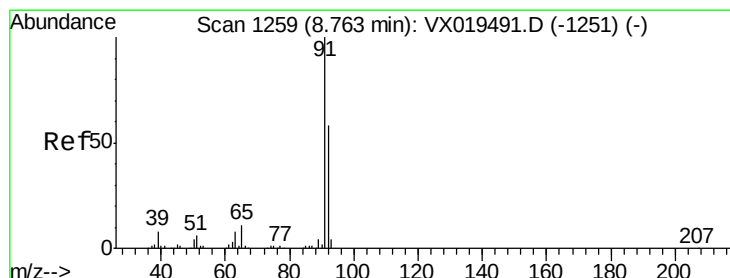
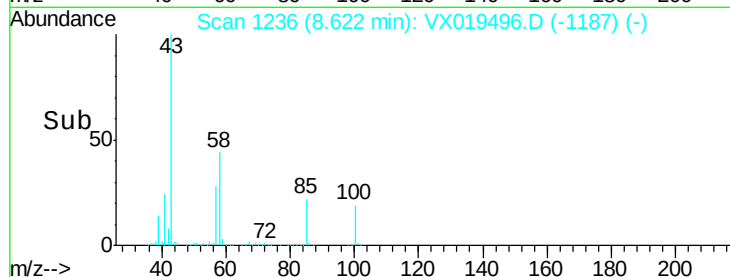
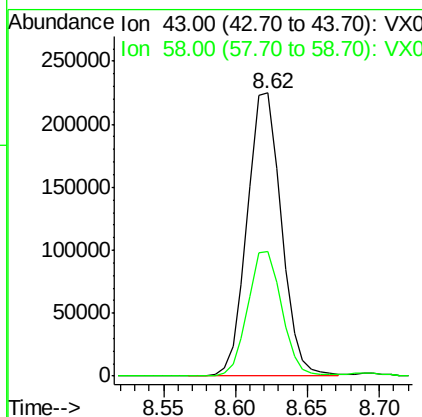
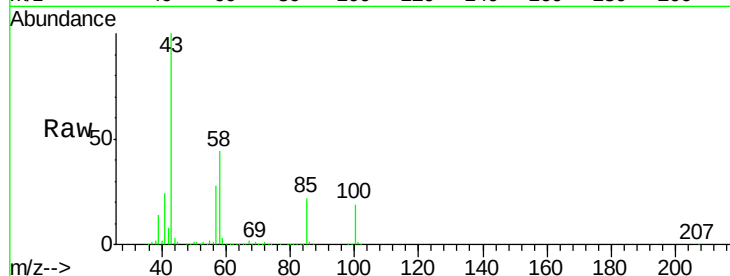
#51
4-Methyl-2-Pentanone
Concen: 109.398 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	43	Resp	368933
Ion Ratio	100	Lower	Upper
58	44.0	35.1	52.7

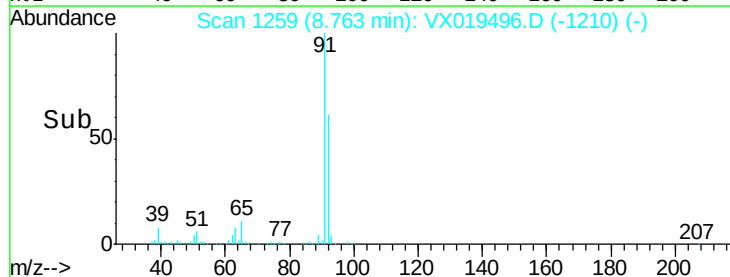
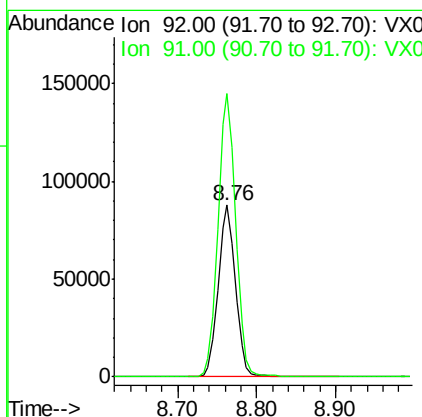
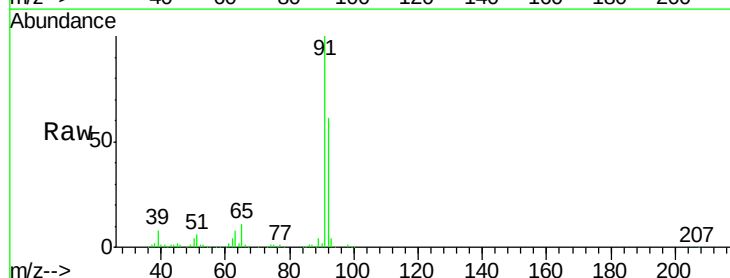
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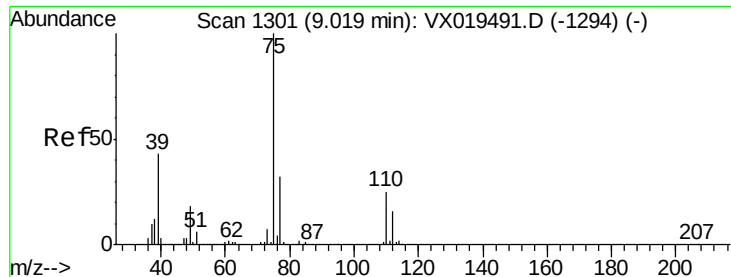
MMDadoda
11/23/2020 3:50:47 PM



#52
Toluene
Concen: 19.503 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	92	Resp	134342
Ion Ratio	100	Lower	Upper
91	169.1	138.1	207.1





#53

t-1,3-Dichloropropene

Concen: 19.923 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 75 Resp: 79211

Ion Ratio Lower Upper

75 100

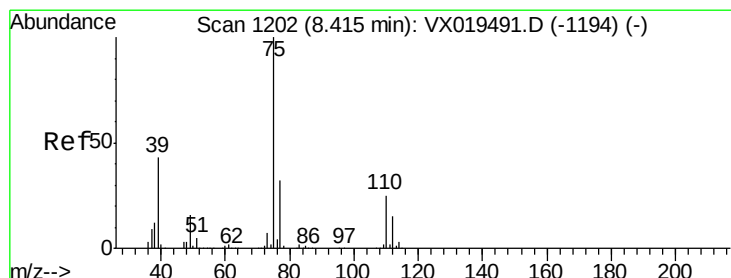
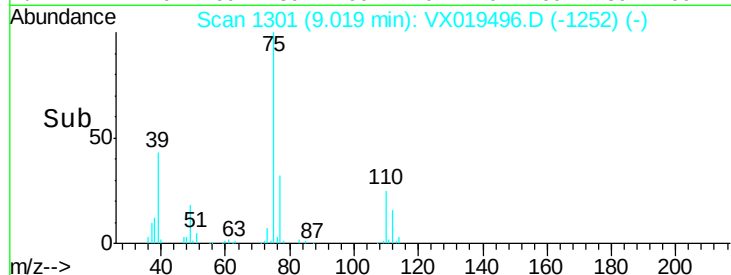
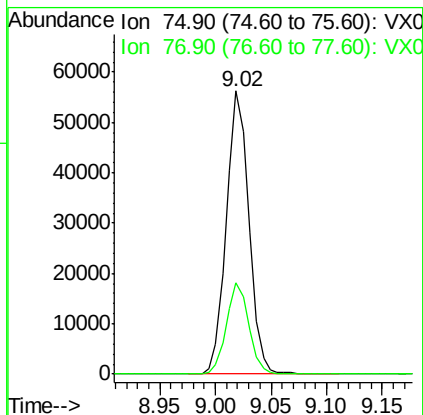
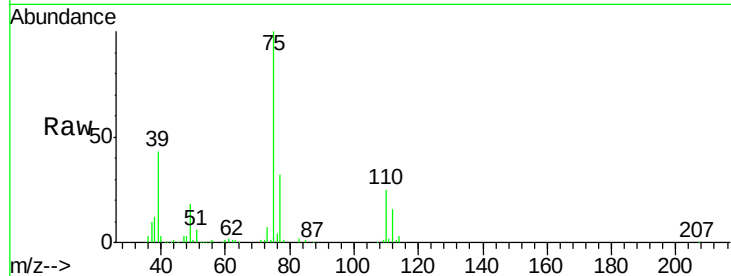
77 32.3 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.777 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

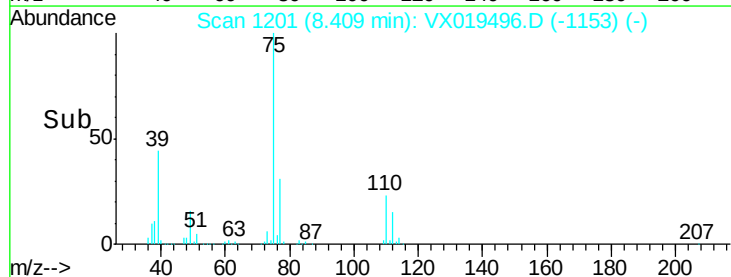
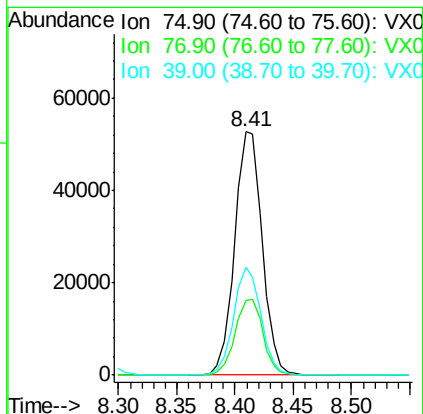
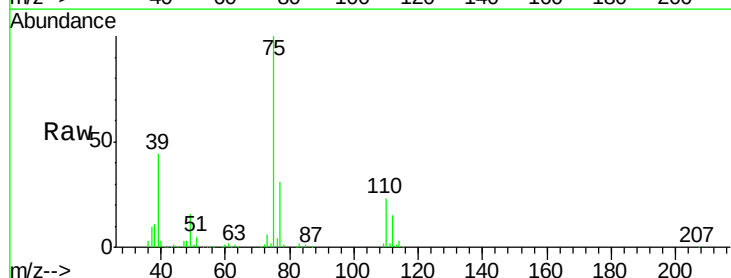
Tgt Ion: 75 Resp: 87262

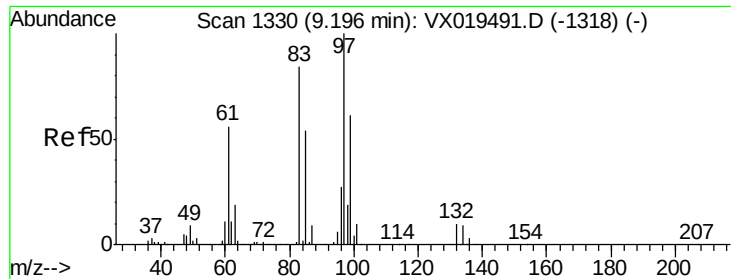
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

39 44.3 34.6 51.8





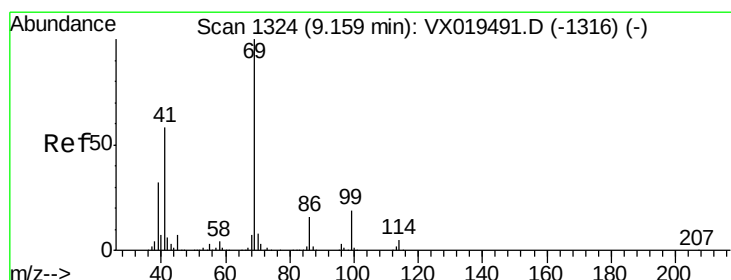
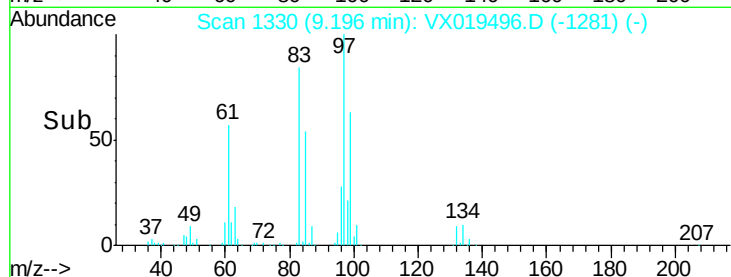
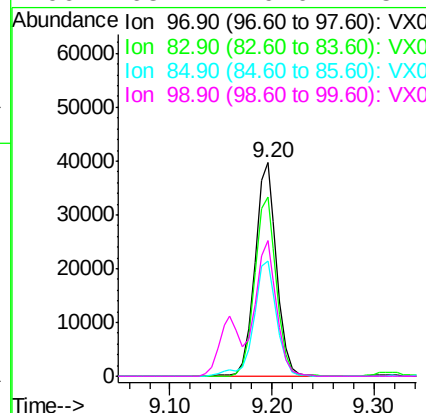
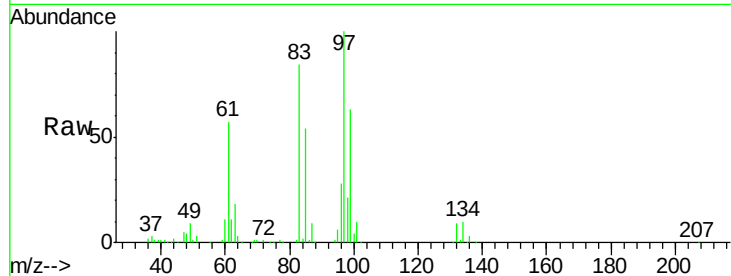
#55
 1,1,2-Trichloroethane
 Concen: 20.862 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	58523		
83	84.1	67.0	100.6	
85	54.0	43.4	65.0	
99	63.4	49.0	73.4	

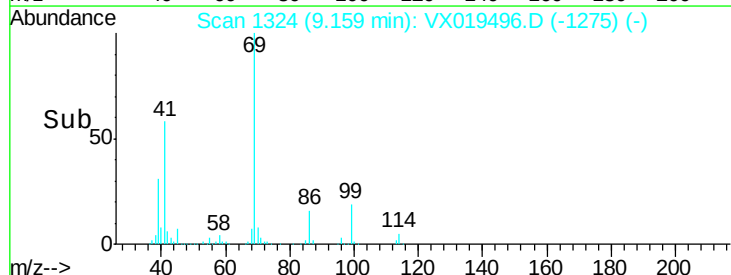
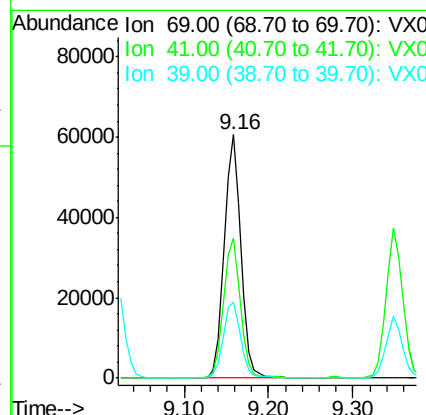
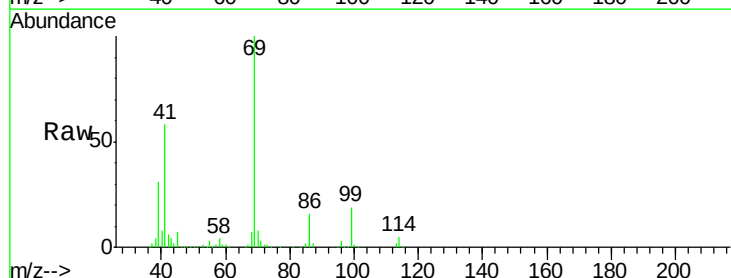
Manual Integrations
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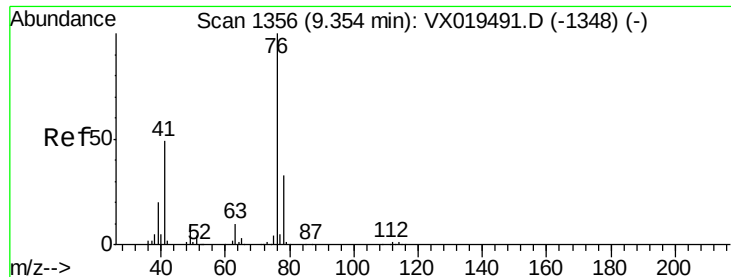
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#56
 Ethyl methacrylate
 Concen: 21.050 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	83556		
41	58.5	46.2	69.2	
39	32.5	25.5	38.3	





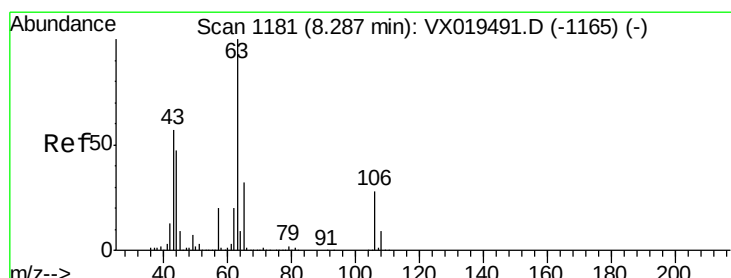
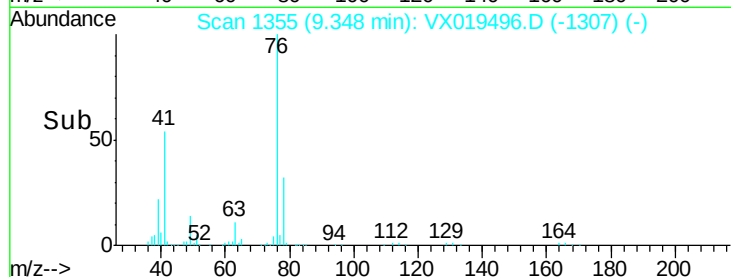
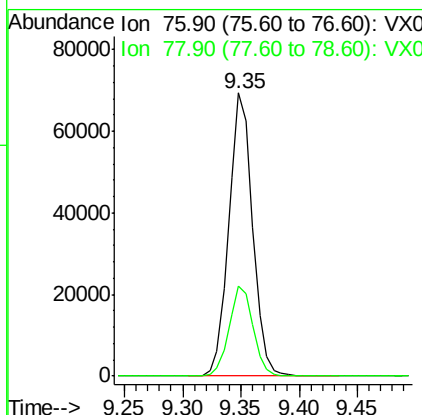
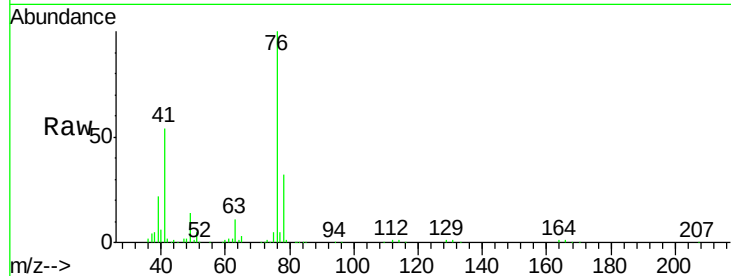
#57
 1,3-Dichloropropane
 Concen: 20.913 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

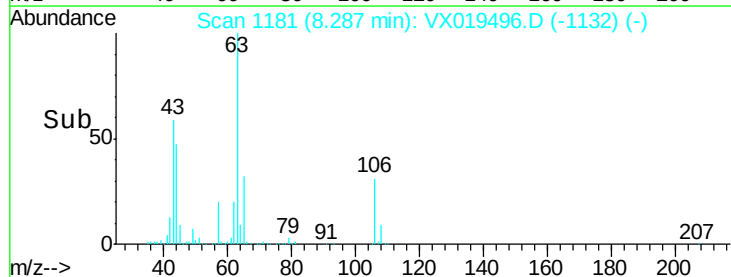
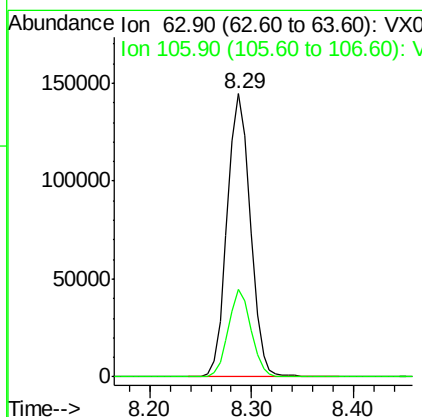
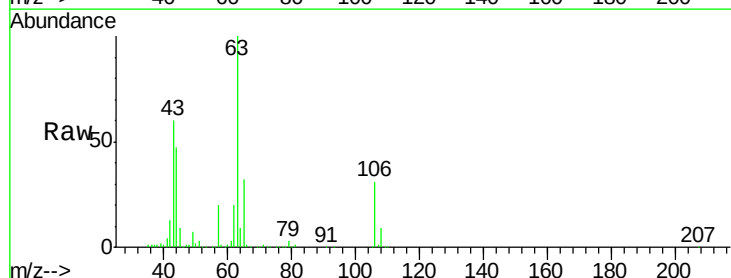
Manual Integrations
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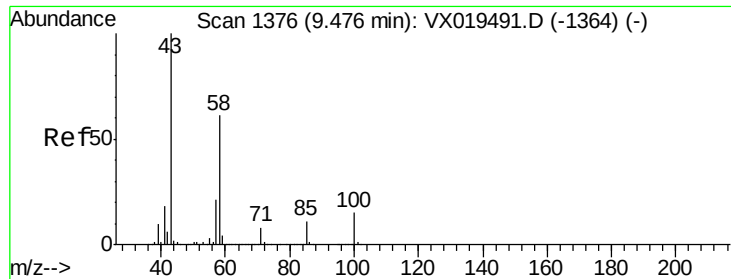
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.145 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	23.7	35.5





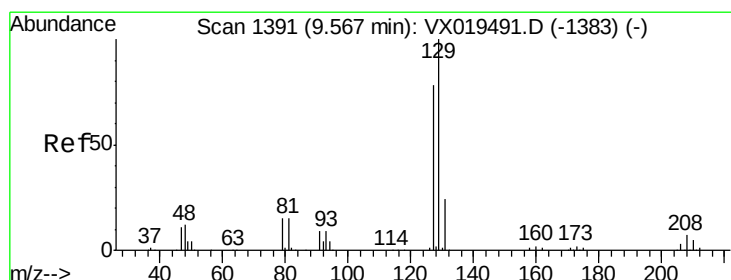
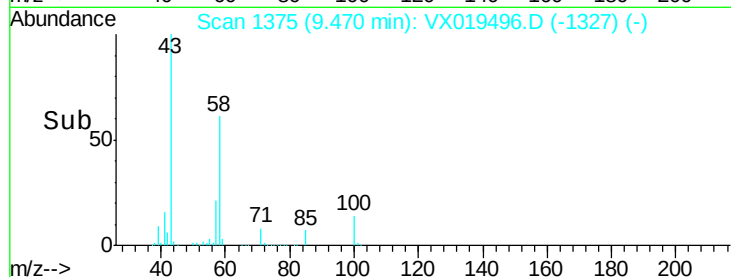
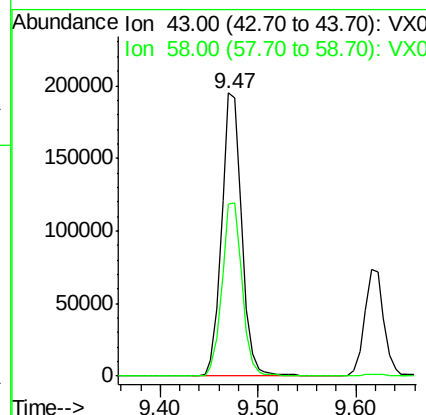
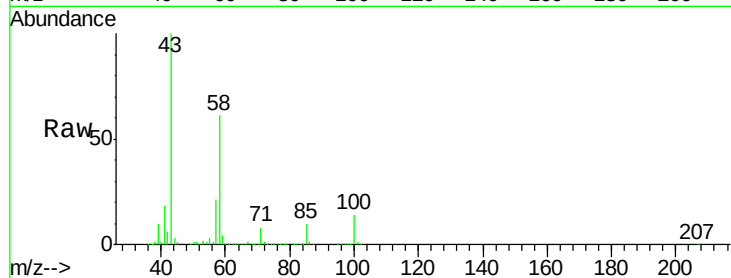
#59
2-Hexanone
Concen: 108.205 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.3	30.6	91.6

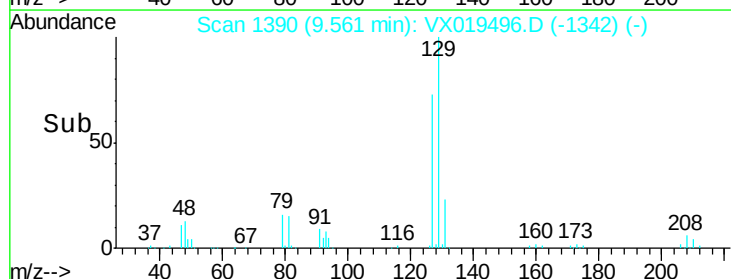
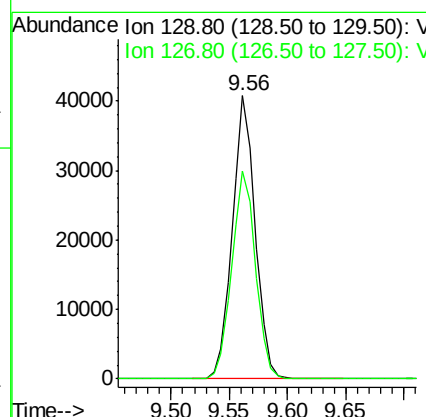
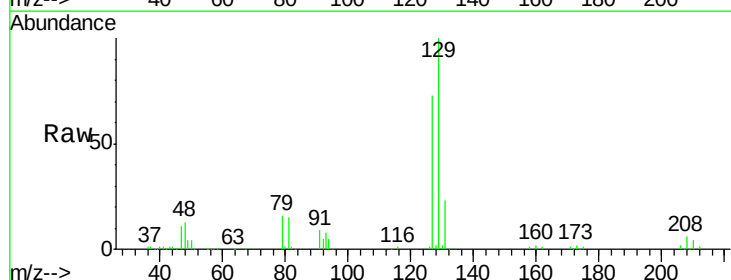
Manual Integrations
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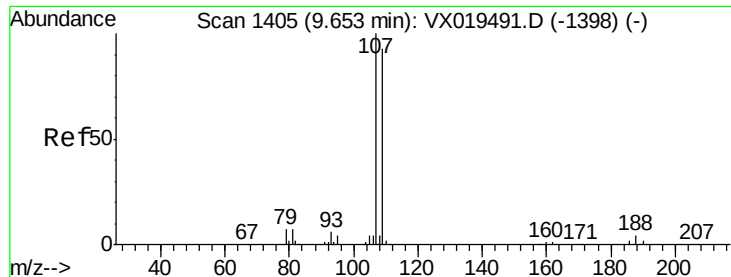
MMDadoda
11/23/2020 3:50:47 PM



#60
Dibromochloromethane
Concen: 20.253 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.0	116.9





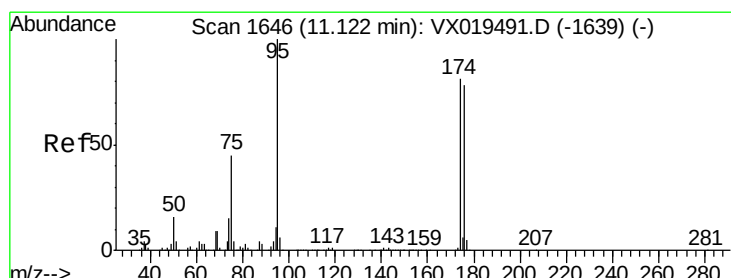
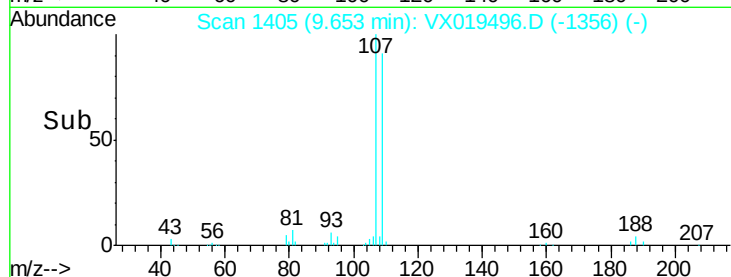
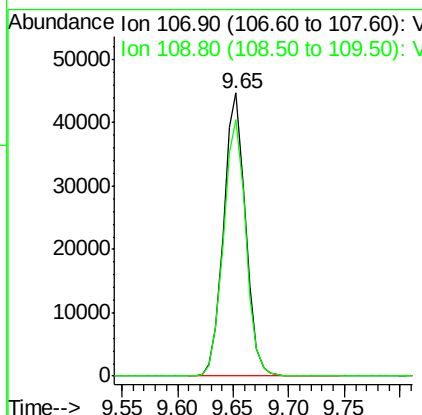
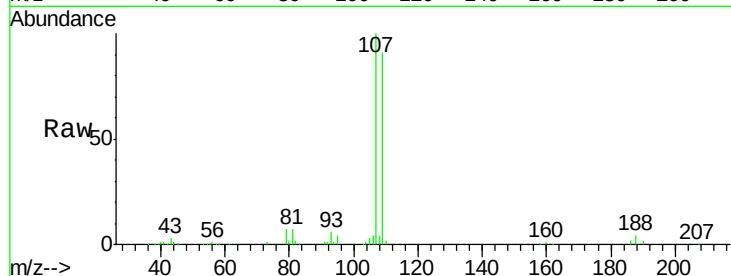
#61
 1,2-Dibromoethane
 Concen: 21.037 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	74.8	112.2

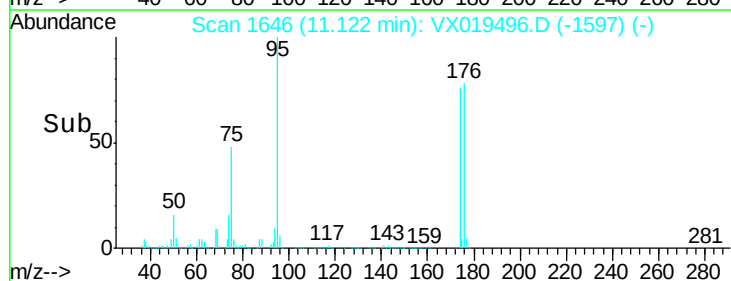
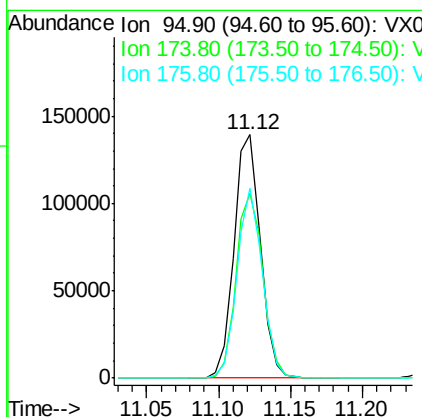
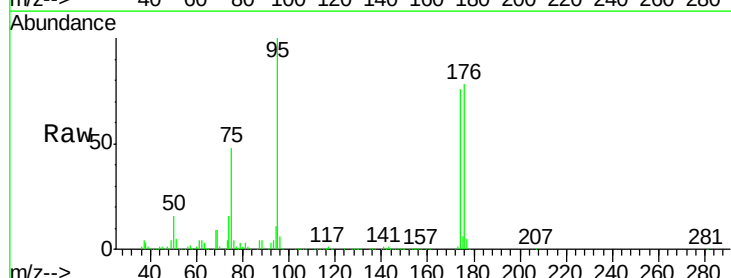
Manual Integrations
 APPROVED

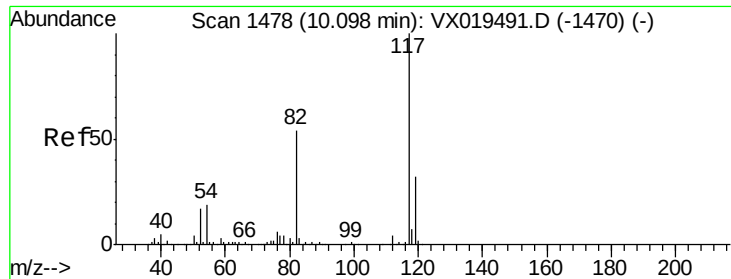
MMDadoda
 11/23/2020 3:50:47 PM



#62
 4-Bromofluorobenzene
 Concen: 52.227 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	156.2
176	74.3	0.0	151.4





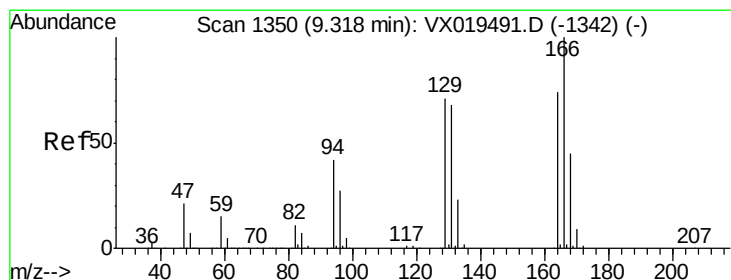
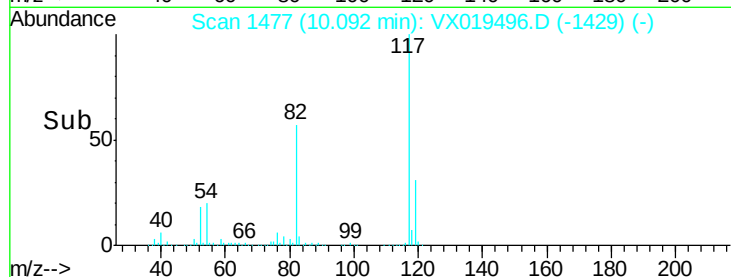
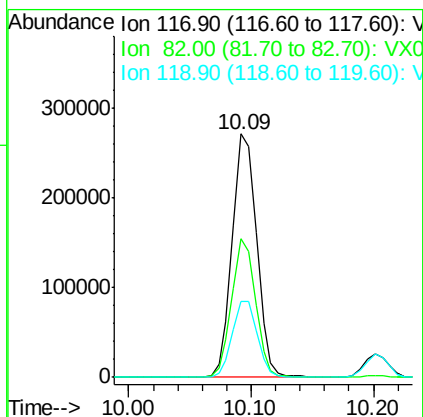
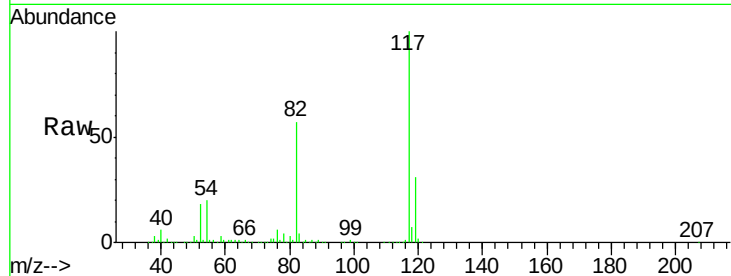
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	376109		
82	57.2		43.0	64.4
119	31.0		25.6	38.4

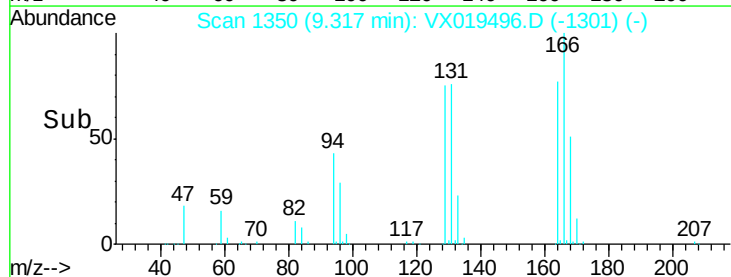
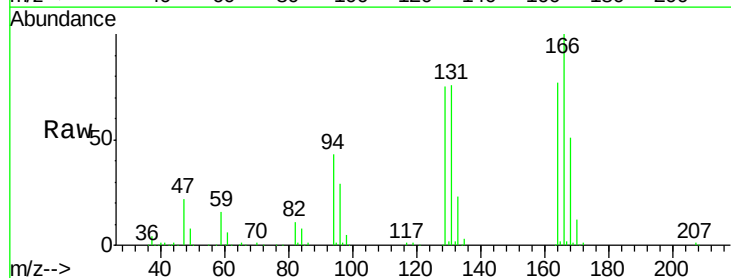
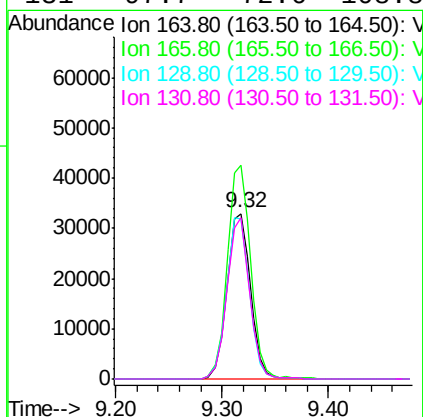
Manual Integrations
APPROVED

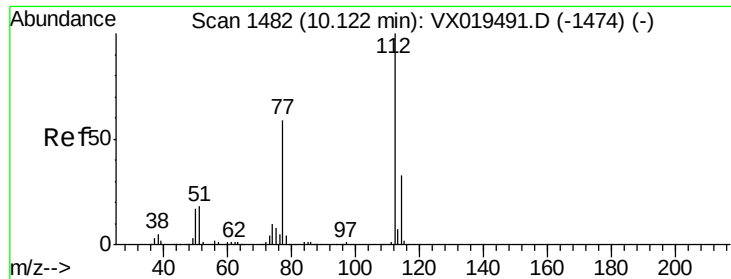
MMDadoda
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#64
Tetrachloroethene
Concen: 17.321 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51207		
166	129.1		107.4	161.0
129	96.6		76.6	114.8
131	97.7		72.6	108.8





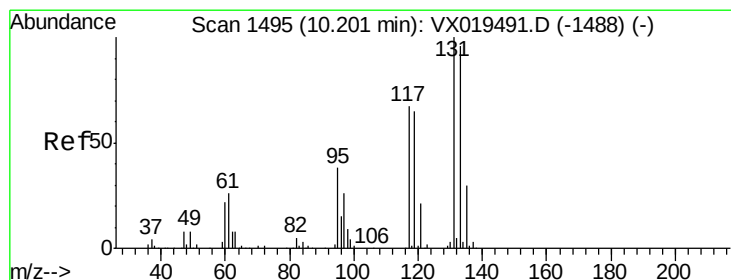
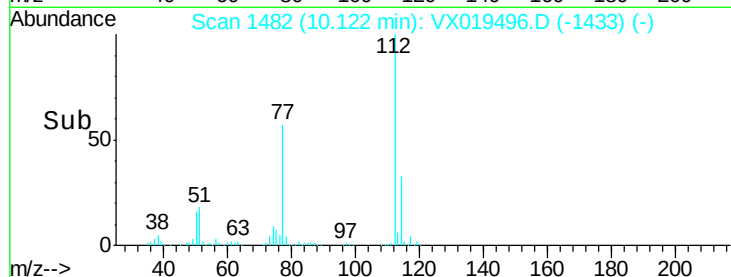
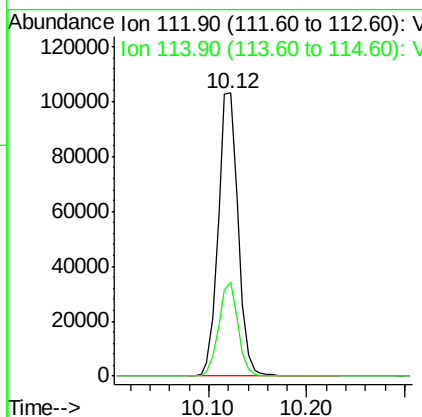
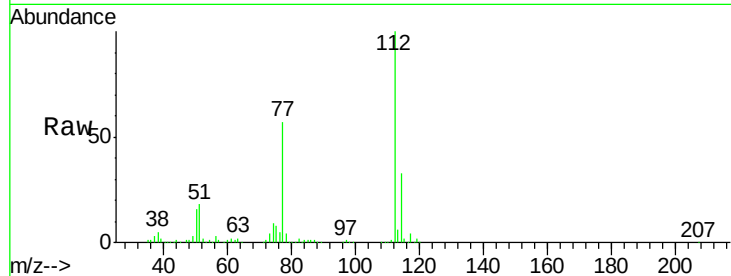
#65
Chlorobenzene
Concen: 18.778 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion:112 Resp: 145206
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0

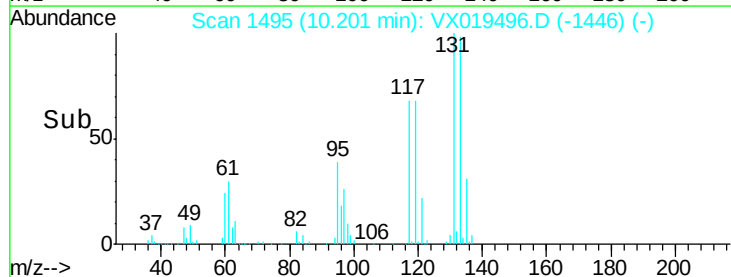
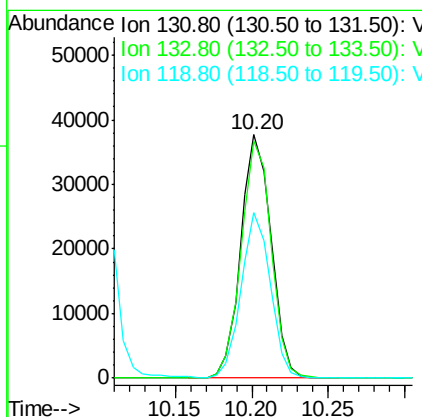
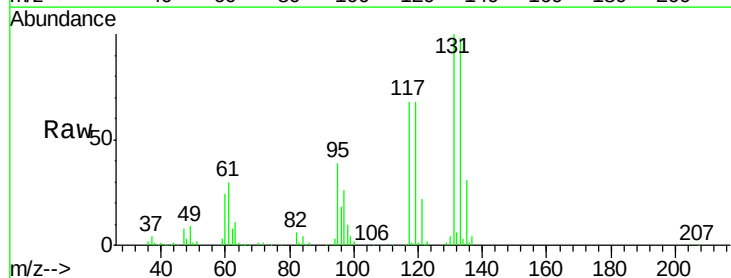
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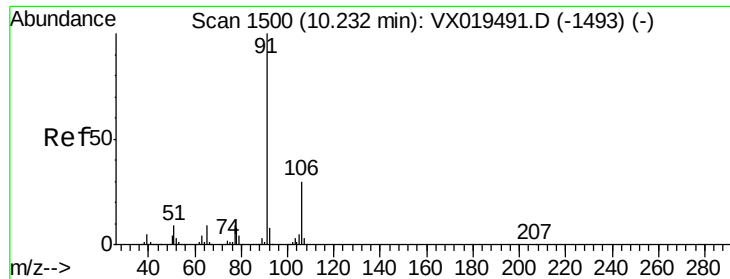
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.432 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion:131 Resp: 51846
Ion Ratio Lower Upper
131 100
133 96.9 48.5 145.5
119 65.6 33.0 99.0





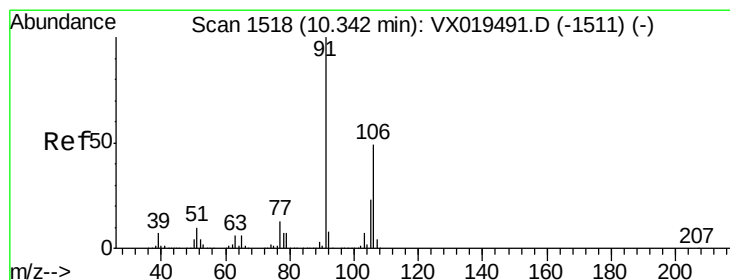
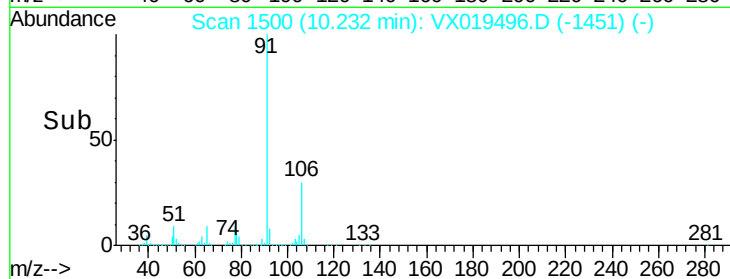
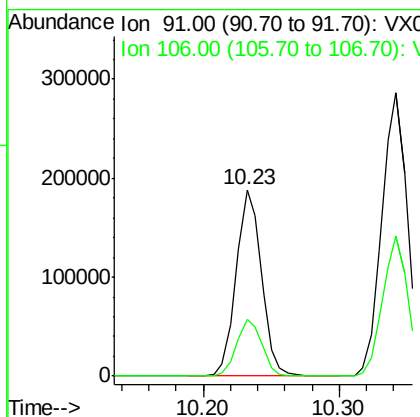
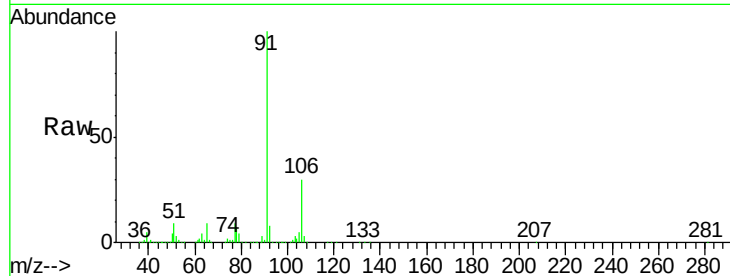
#67
Ethyl Benzene
Concen: 18.113 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion: 91 Resp: 245369
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

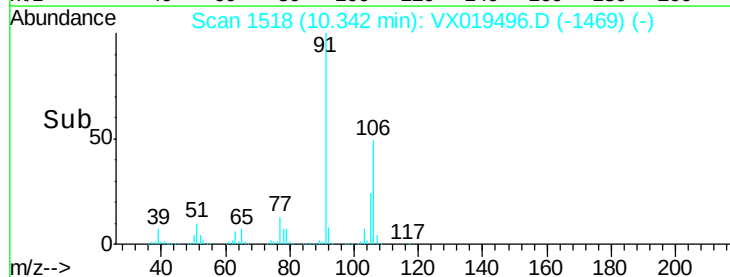
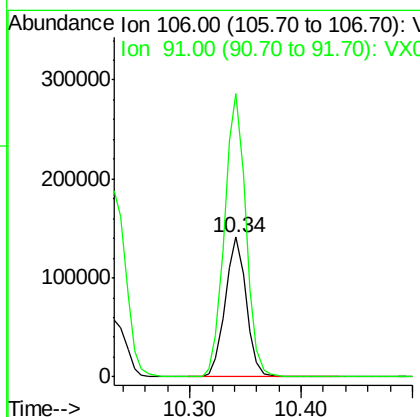
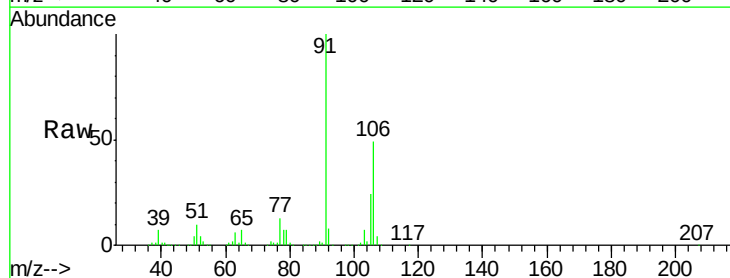
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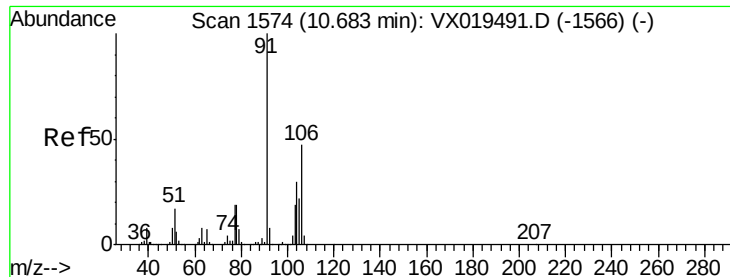
MMDadoda
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#68
m/p-Xylenes
Concen: 36.563 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion: 106 Resp: 184533
Ion Ratio Lower Upper
106 100
91 206.1 163.3 244.9





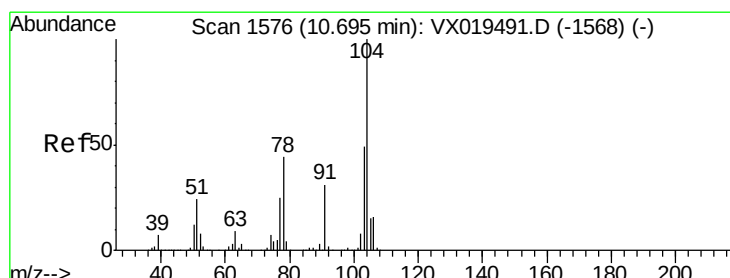
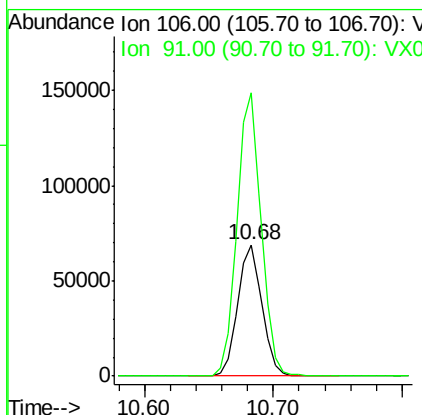
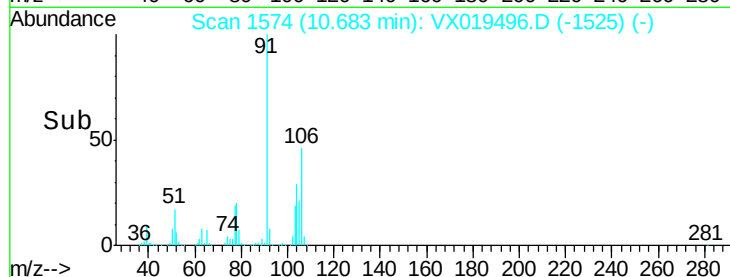
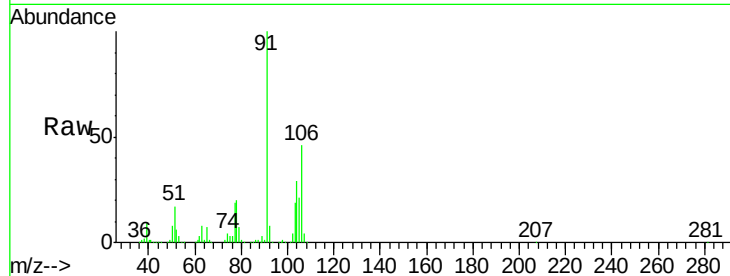
#69
o-Xylene
Concen: 18.692 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion:106 Resp: 90184
Ion Ratio Lower Upper
106 100
91 214.5 108.0 324.0

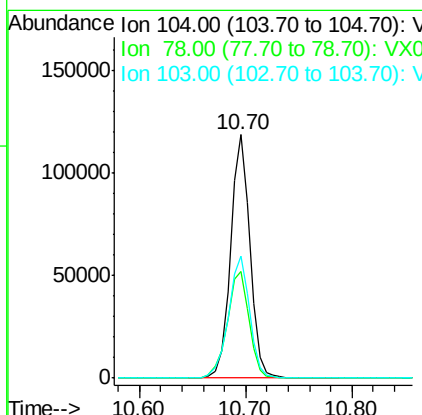
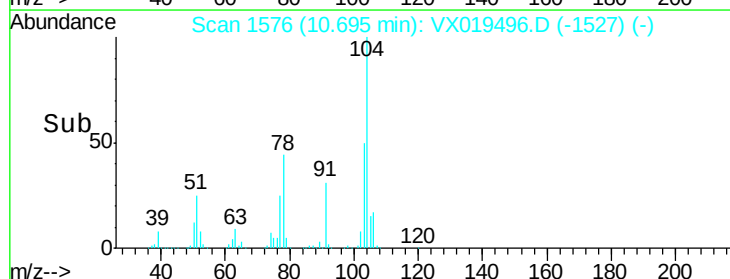
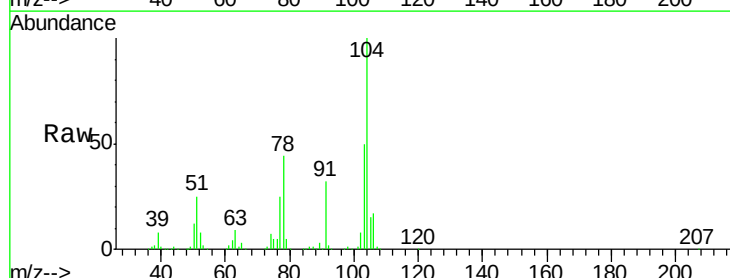
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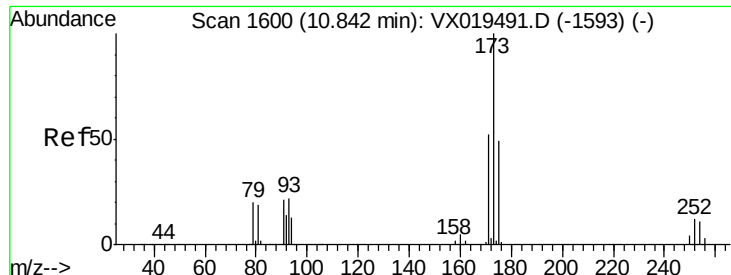
MMDadoda
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#70
Styrene
Concen: 18.062 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion:104 Resp: 151601
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.9 43.6 65.4





#71

Bromoform

Concen: 18.856 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion:173 Resp: 39167

Ion Ratio Lower Upper

173 100

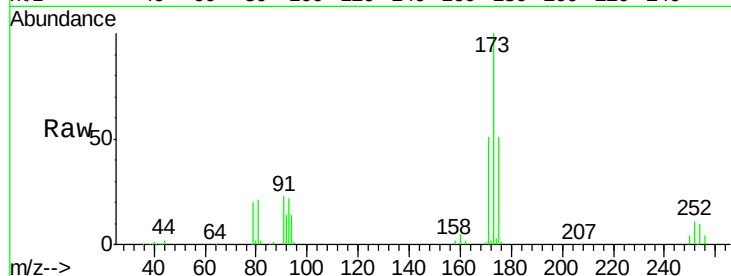
175 48.0 24.9 74.8

254 0.0 0.1 0.1#

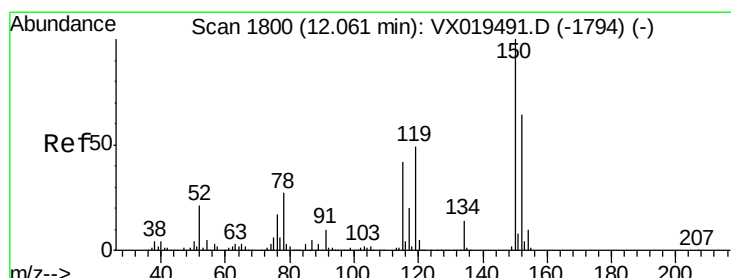
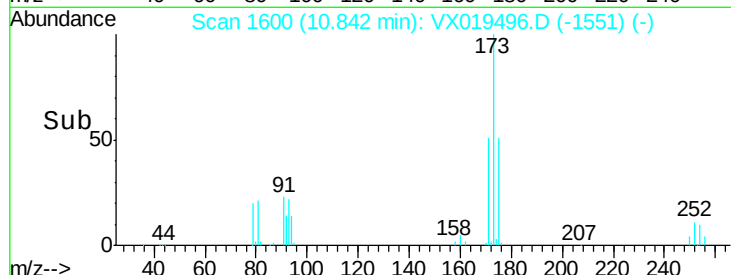
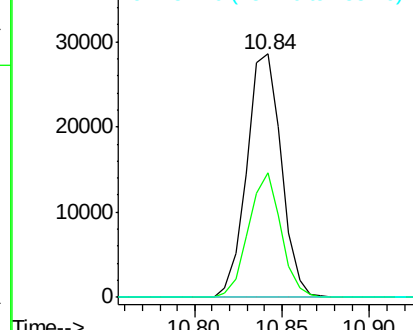
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

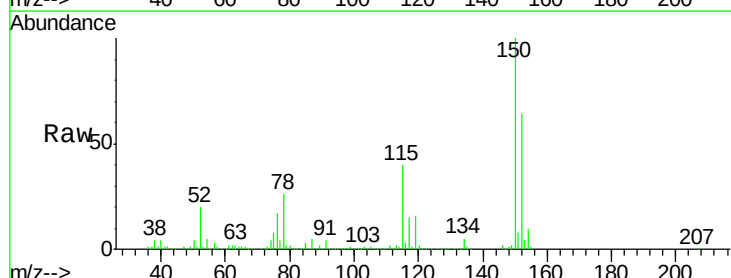
Tgt Ion:152 Resp: 181755

Ion Ratio Lower Upper

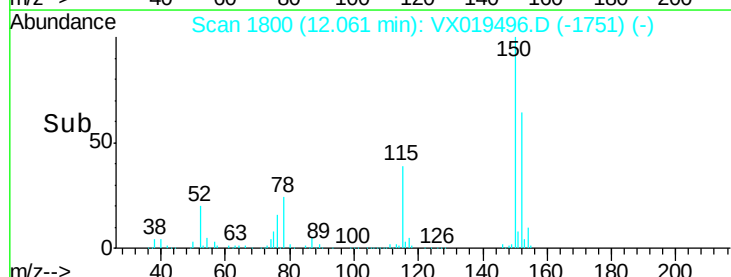
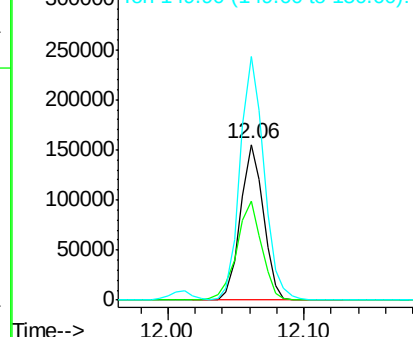
152 100

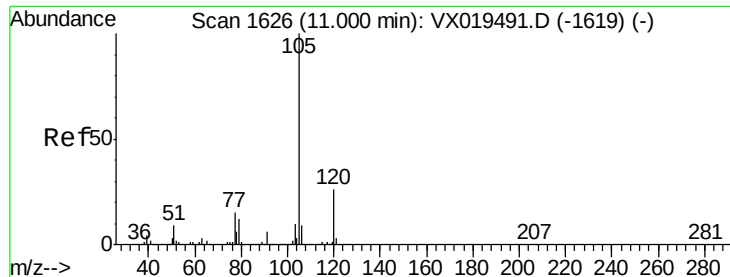
115 68.5 41.8 125.4

150 163.7 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





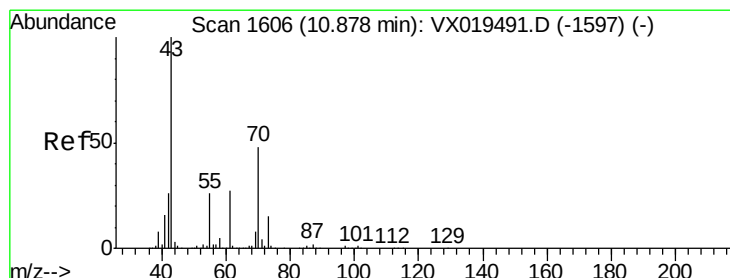
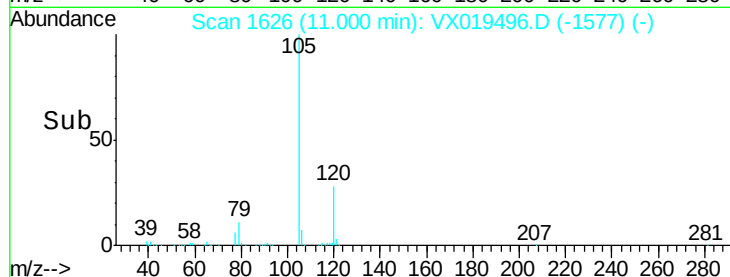
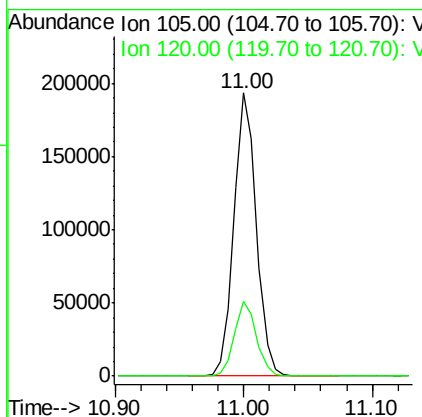
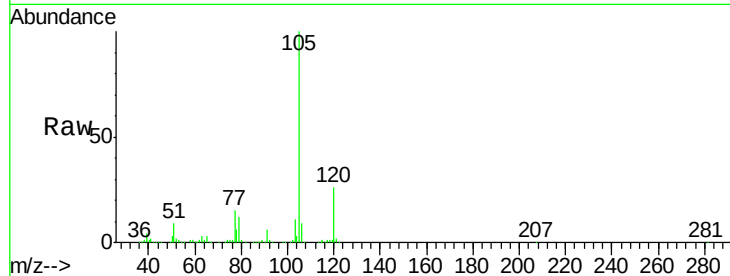
#73
Isopropylbenzene
Concen: 18.728 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	39.0

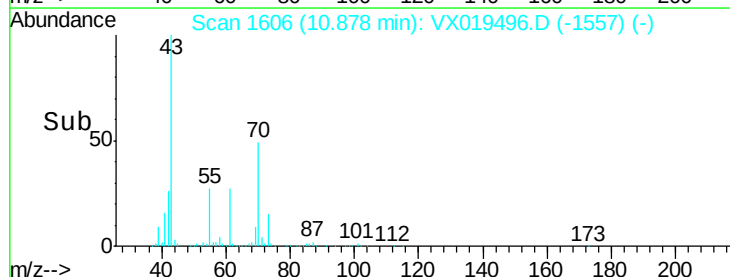
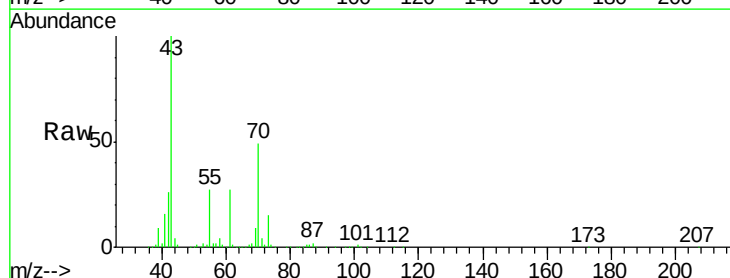
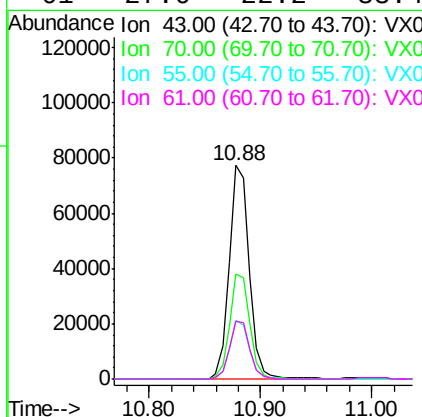
Manual Integrations
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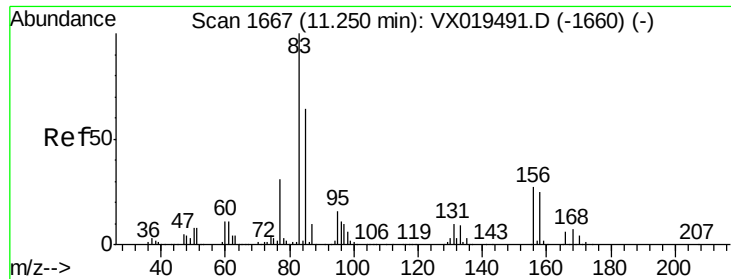
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#74
N-ethyl acetate
Concen: 20.283 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.9	39.7	59.5
55	27.5	21.8	32.6
61	27.6	22.2	33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.735 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 83 Resp: 88738

Ion Ratio Lower Upper

83 100

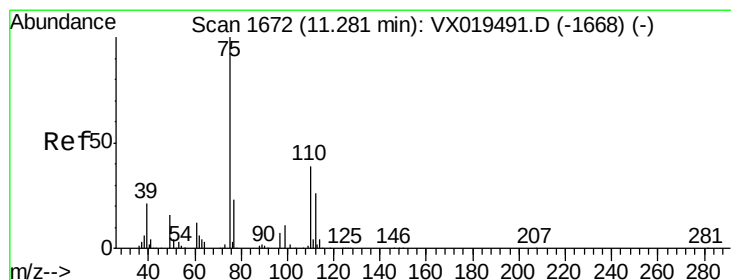
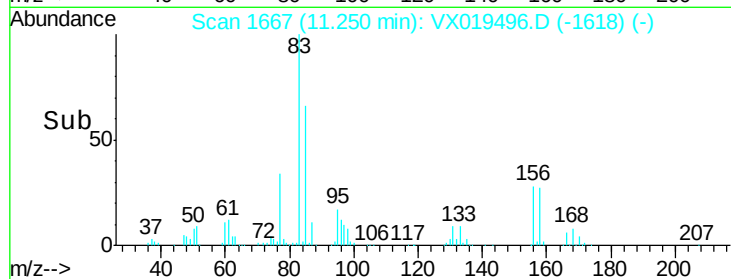
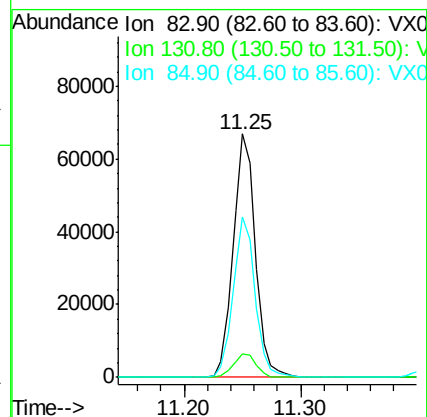
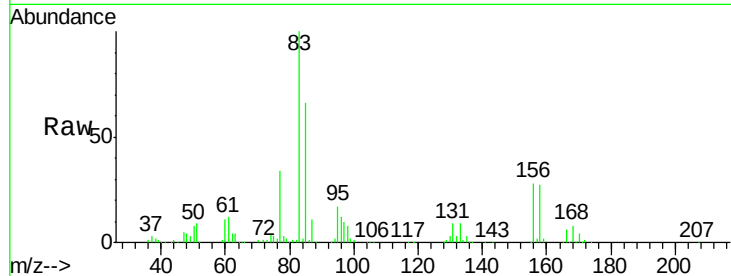
131 9.8 5.0 15.0

85 65.2 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.561 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019496.D

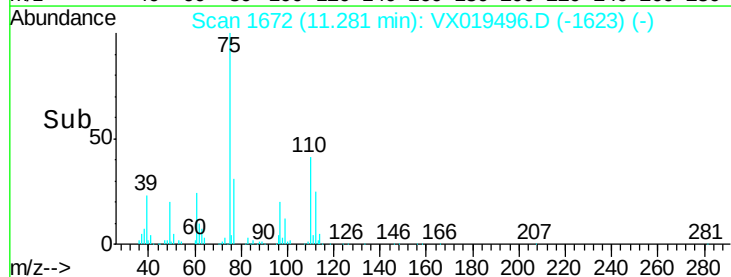
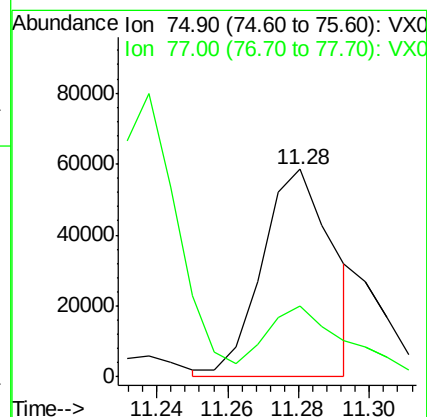
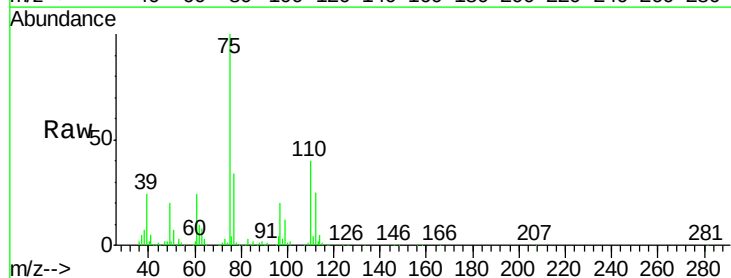
Acq: 20 Nov 2020 15:25

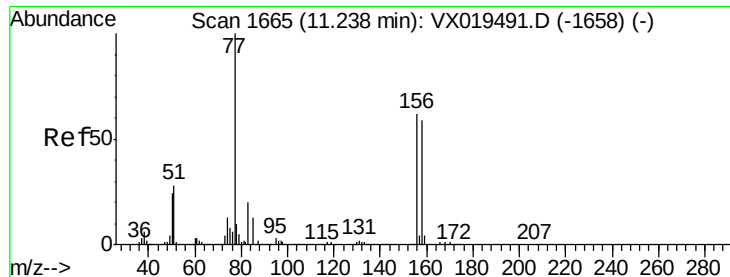
Tgt Ion: 75 Resp: 81555

Ion Ratio Lower Upper

75 100

77 39.0 20.0 60.0





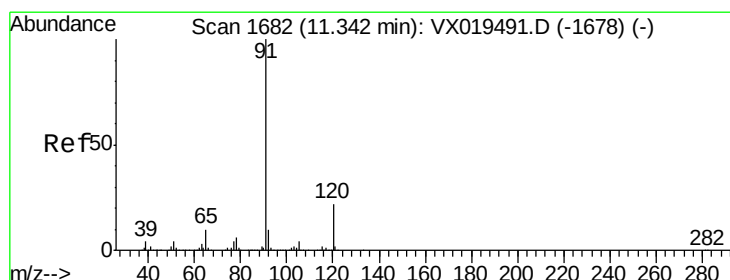
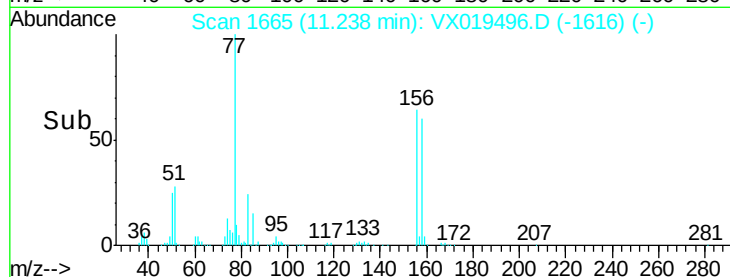
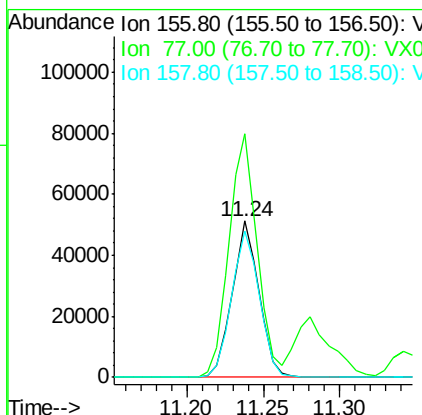
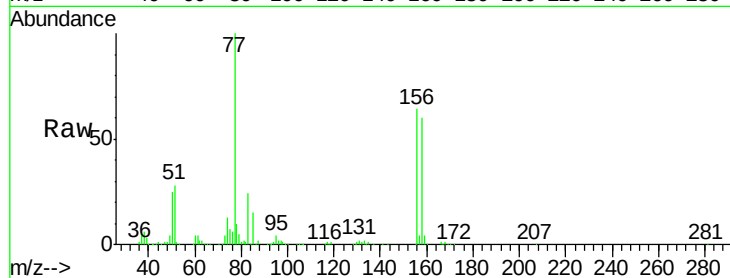
#77
Bromobenzene
Concen: 19.284 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.6	82.5	247.3
158	97.0	48.9	146.7

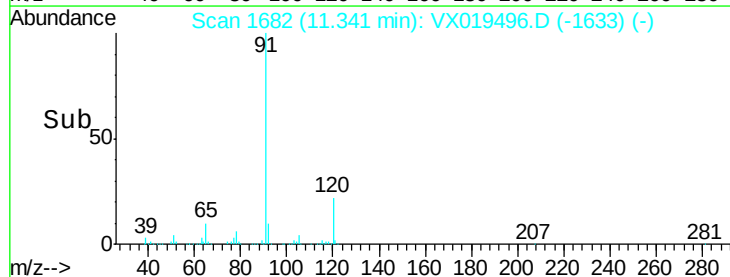
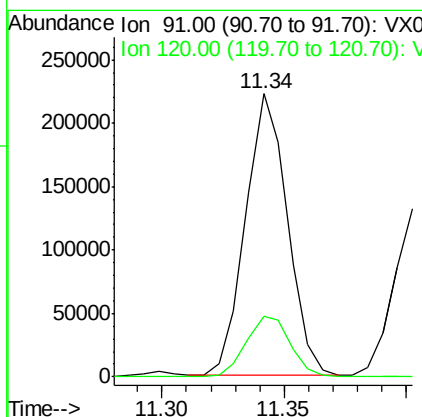
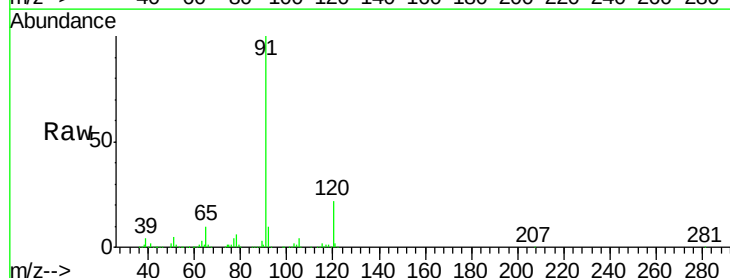
Manual Integrations
APPROVED

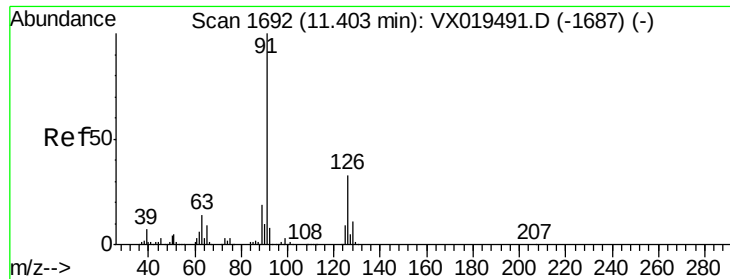
MMDadoda
11/23/2020 3:50:47 PM



#78
n-propylbenzene
Concen: 18.452 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.4





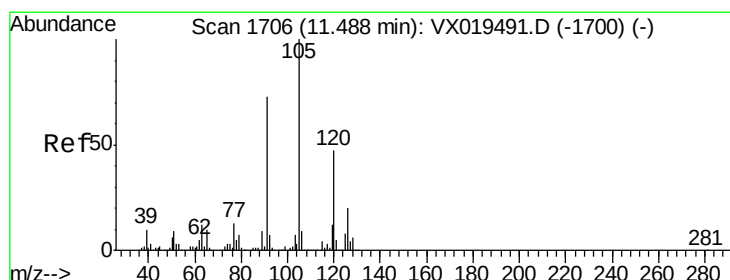
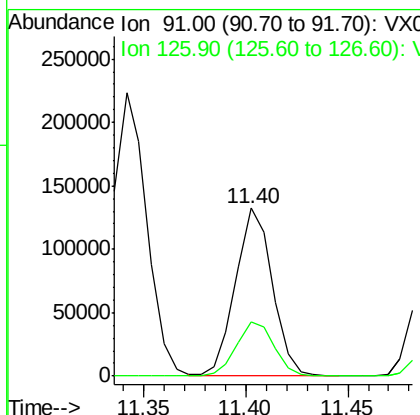
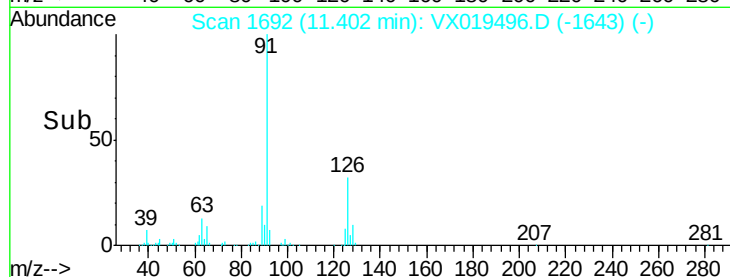
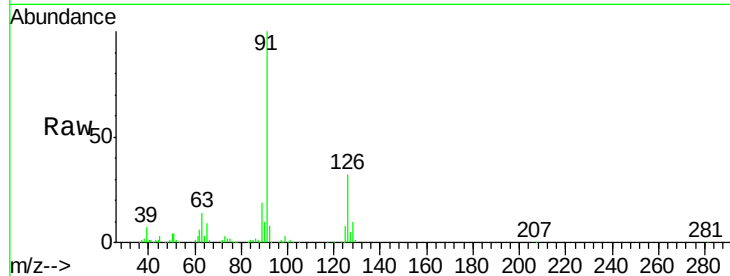
#79
 2-Chlorotoluene
 Concen: 18.865 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion: 91 Resp: 165022
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.0

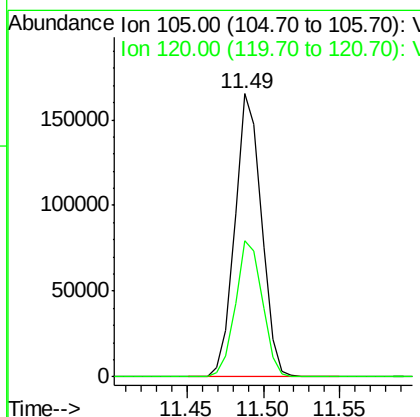
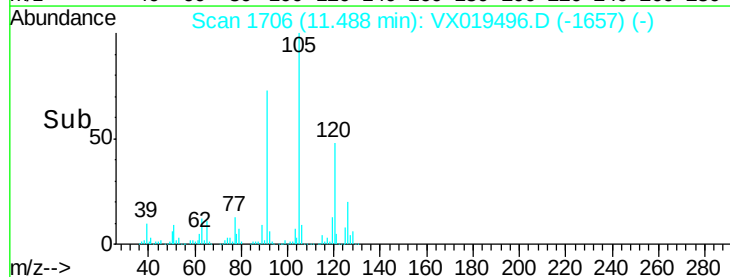
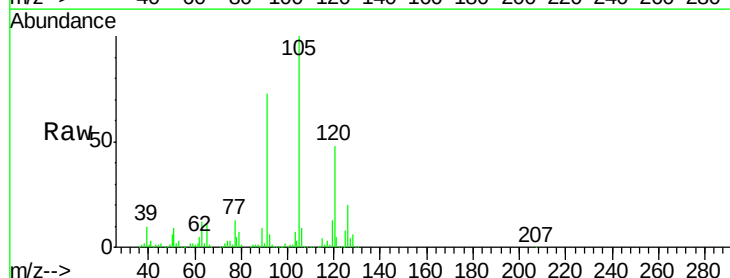
Manual Integrations
 APPROVED

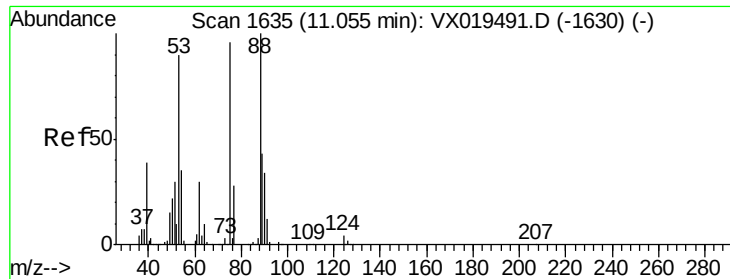
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.805 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion: 105 Resp: 198348
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.3





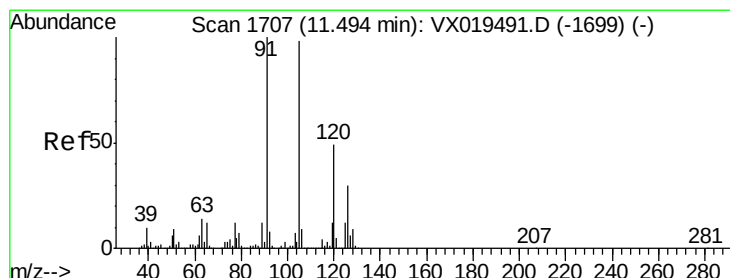
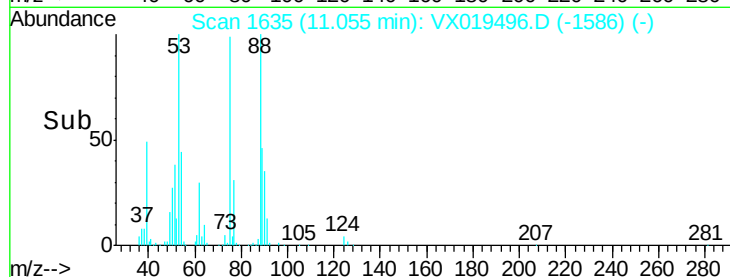
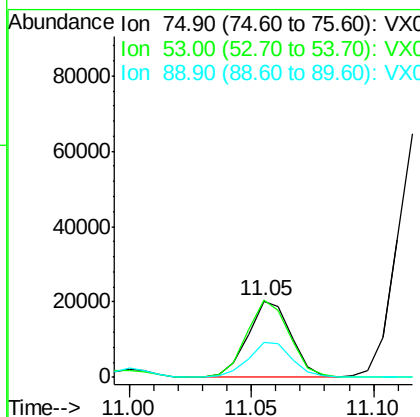
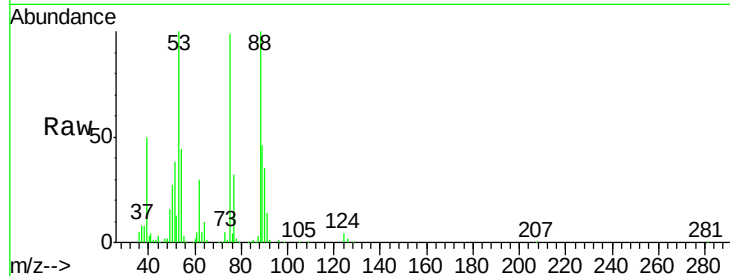
#81
trans-1,4-Dichloro-2-butene
Concen: 19.853 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.7	73.9	110.9
89	46.4	37.3	55.9

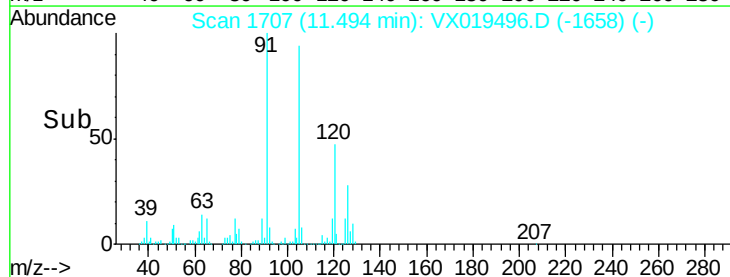
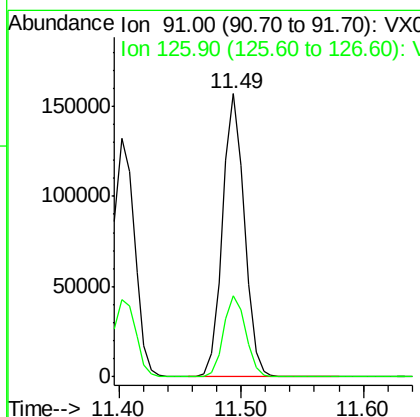
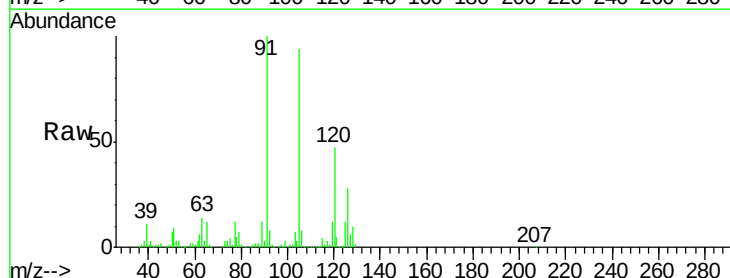
Manual Integrations
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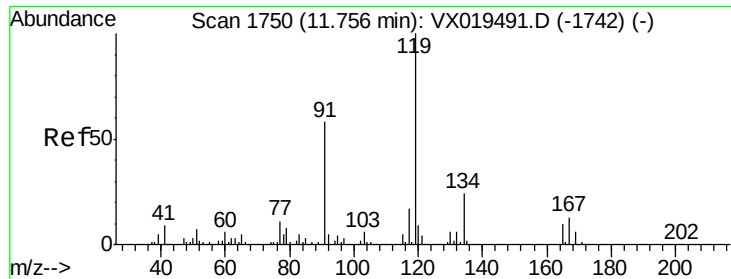
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#82
4-Chlorotoluene
Concen: 18.812 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.7





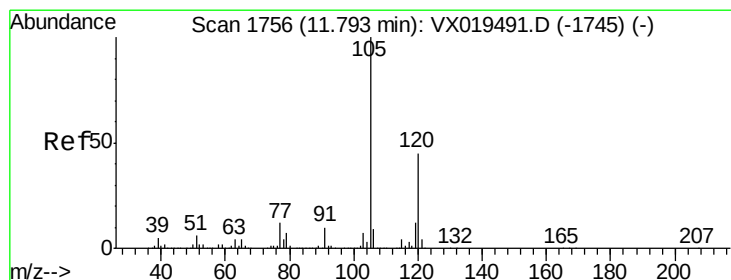
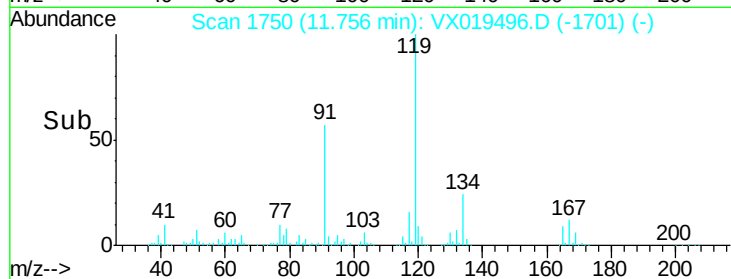
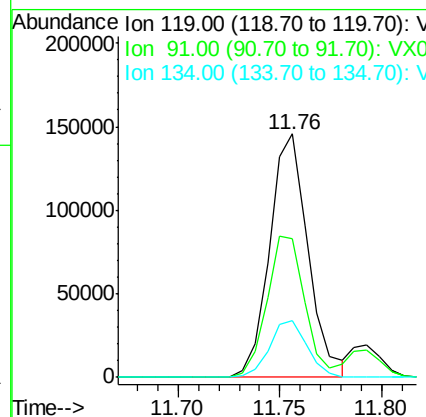
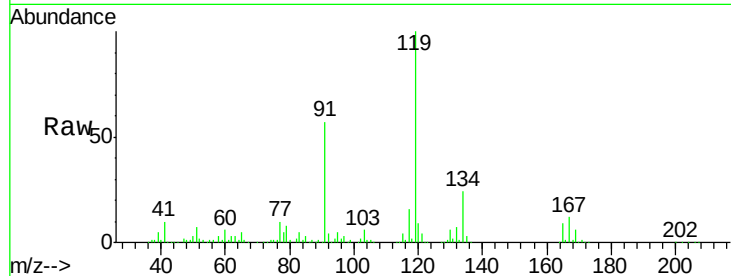
#83
 tert-Butylbenzene
 Concen: 18.744 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	191269		
91	56.9	28.9	86.8	
134	23.0	11.7	35.0	

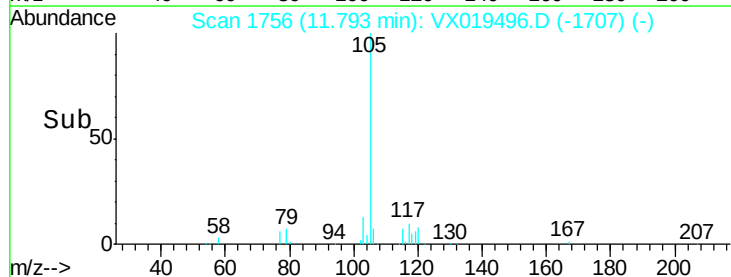
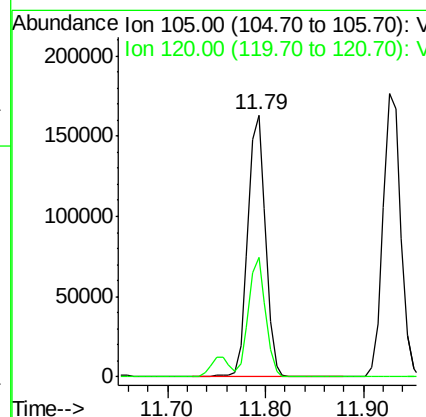
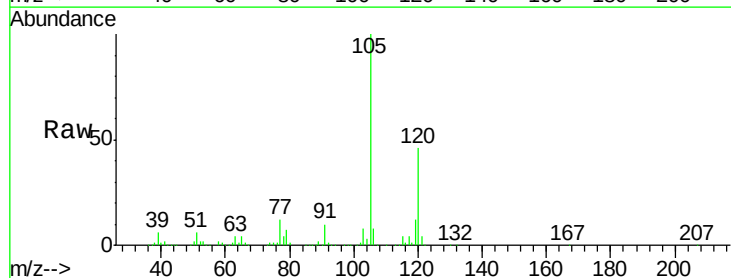
Manual Integrations
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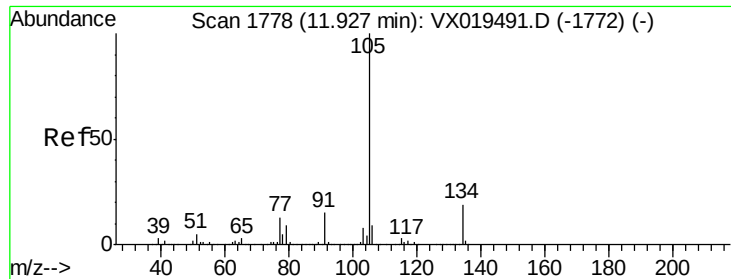
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.236 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205289		
120	43.9	22.2	66.6	





#85

sec-Butylbenzene

Concen: 18.305 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion:105 Resp: 222219

Ion Ratio Lower Upper

105 100

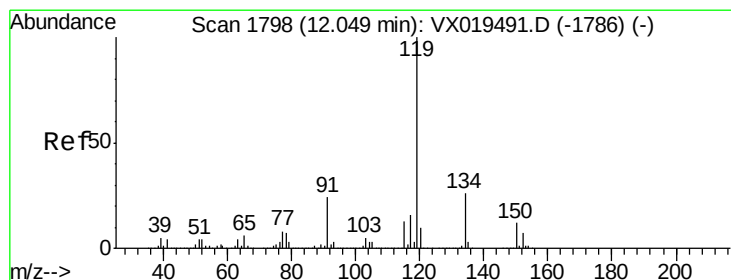
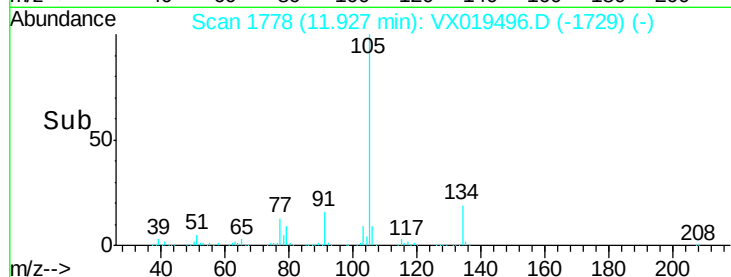
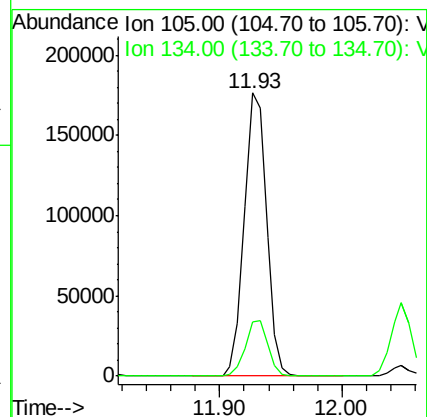
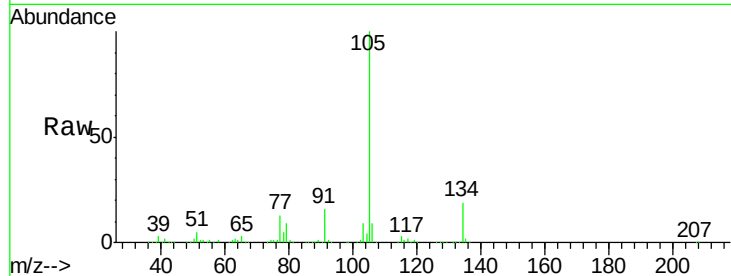
134 19.8 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.313 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

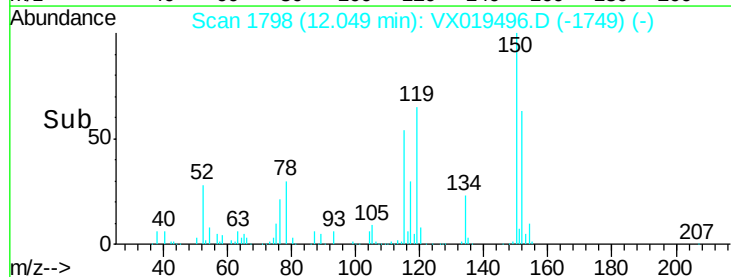
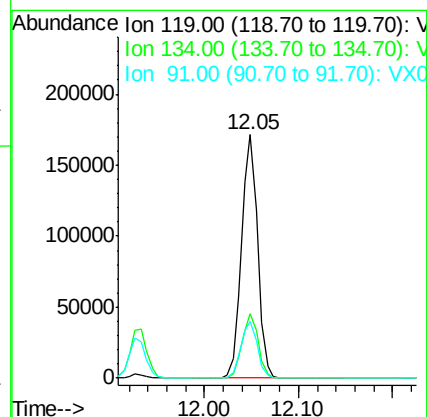
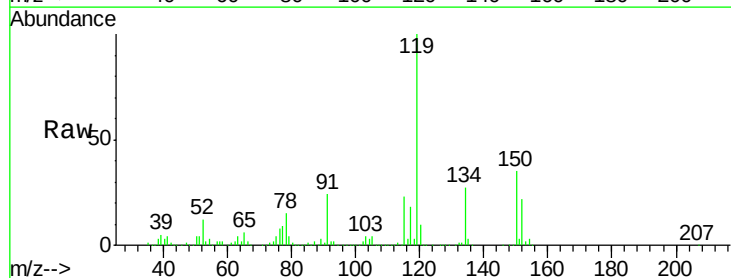
Tgt Ion:119 Resp: 201842

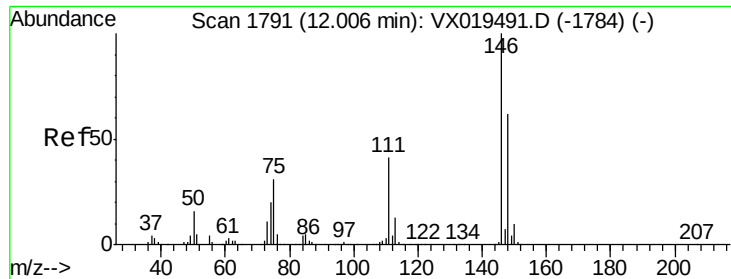
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 24.0 11.8 35.4





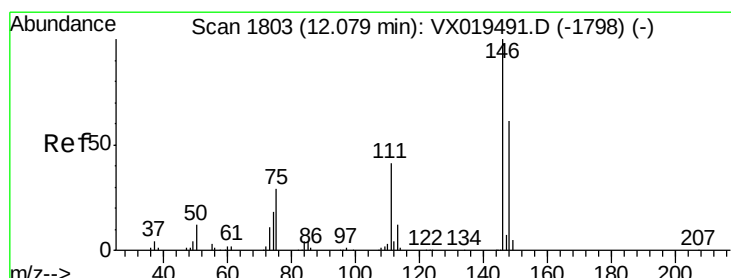
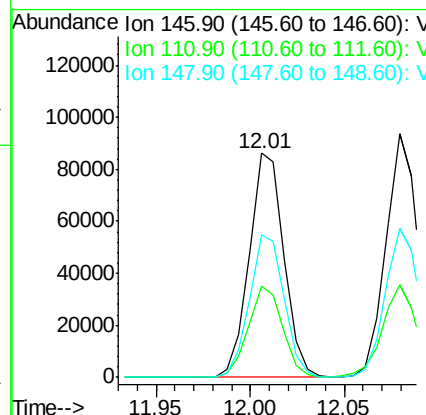
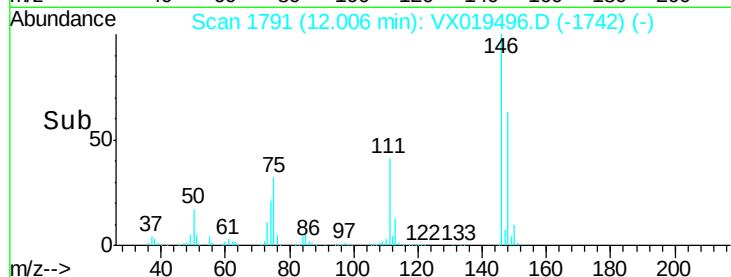
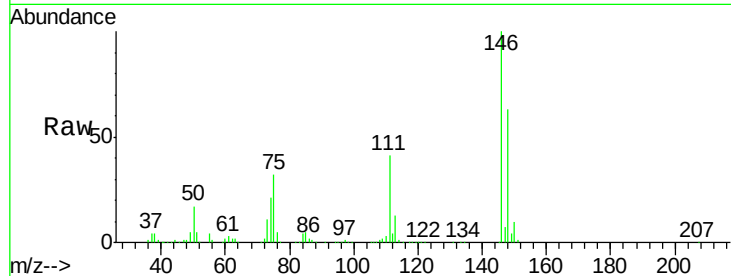
#87
 1,3-Dichlorobenzene
 Concen: 18.641 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109884		
111	40.2	20.2	60.6	
148	63.7	31.4	94.2	

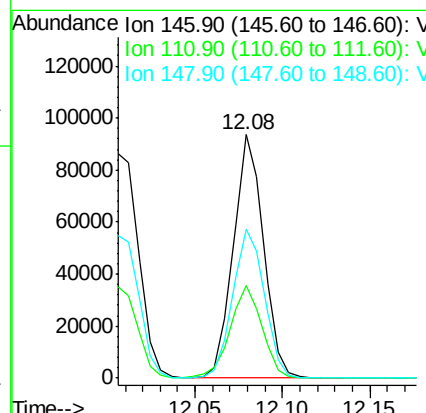
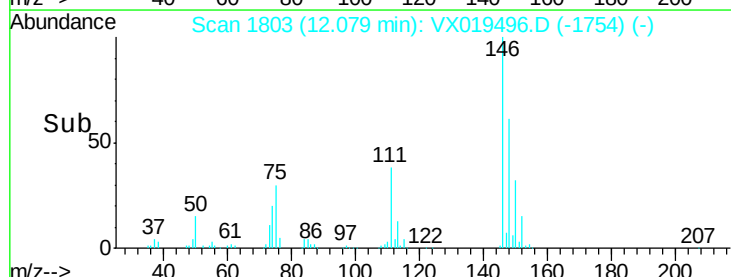
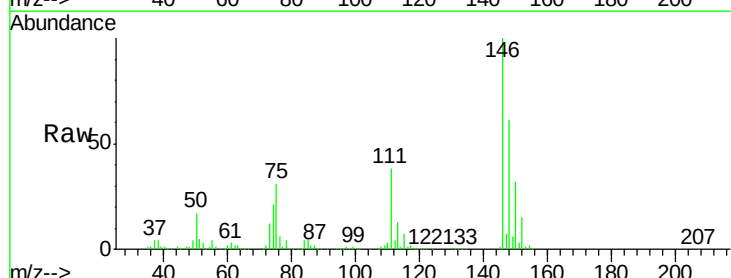
Manual Integrations
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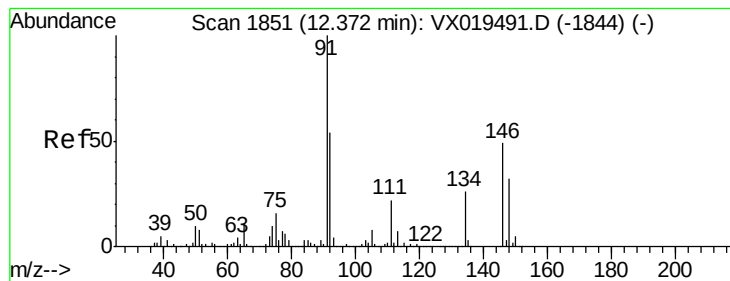
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#88
 1,4-Dichlorobenzene
 Concen: 18.471 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112156		
111	40.3	19.9	59.6	
148	64.3	31.7	95.1	





#89

n-Butylbenzene

Concen: 17.921 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019496.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 91 Resp: 178567

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.6

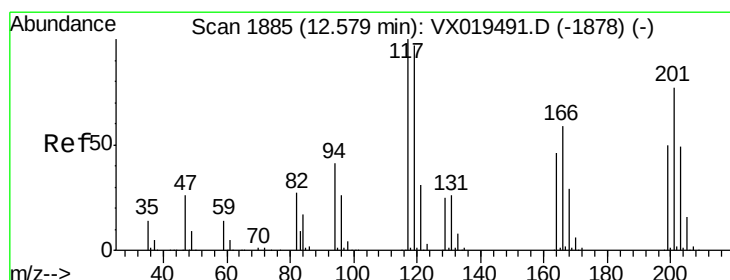
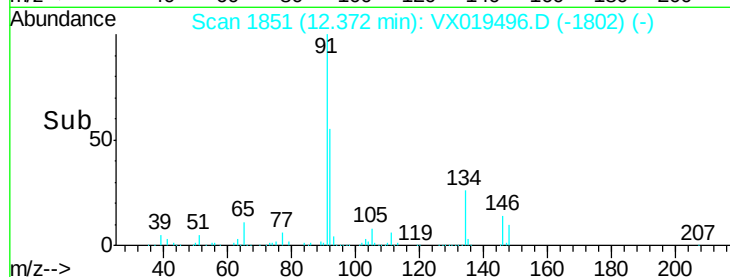
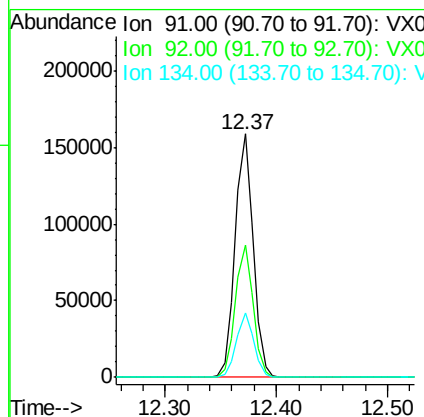
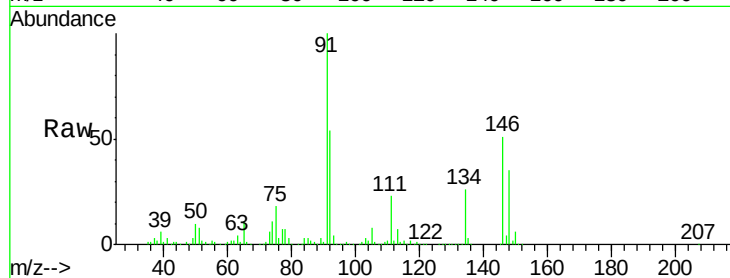
134 25.5 12.9 38.6

Manual Integrations

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#90

Hexachloroethane

Concen: 17.587 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019496.D

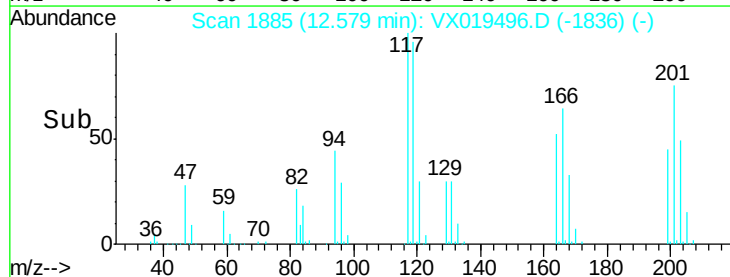
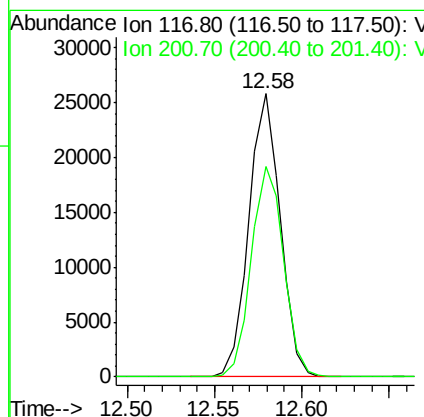
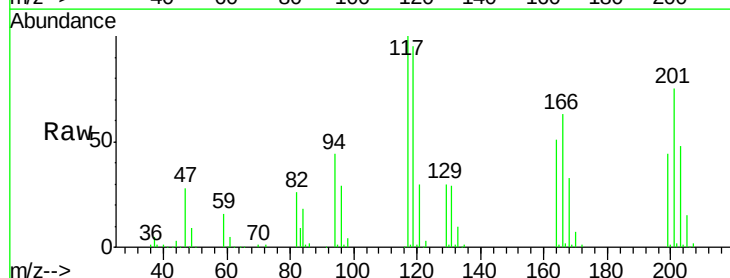
Acq: 20 Nov 2020 15:25

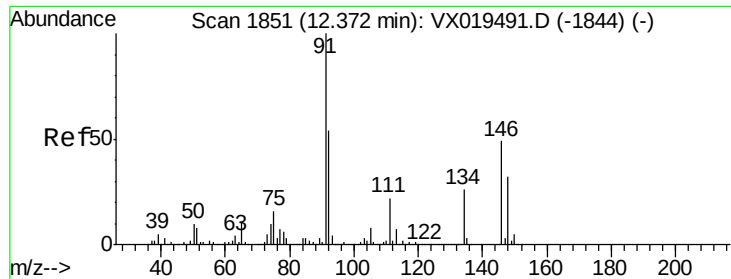
Tgt Ion: 117 Resp: 32437

Ion Ratio Lower Upper

117 100

201 76.2 39.4 118.2





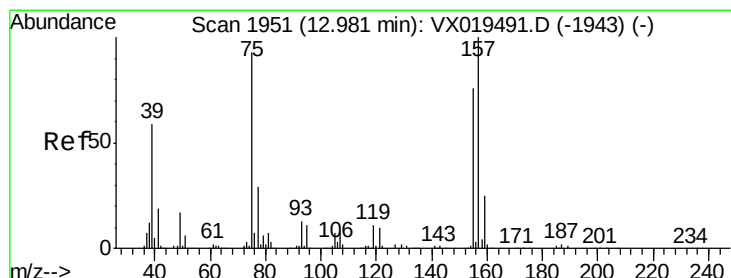
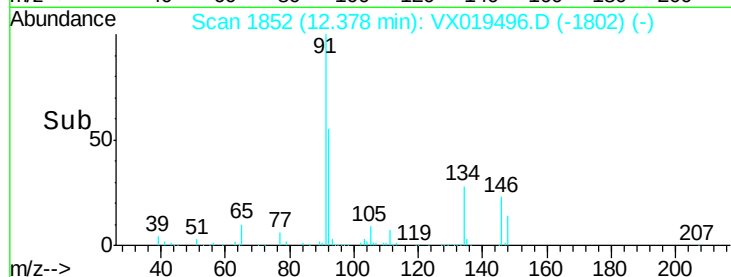
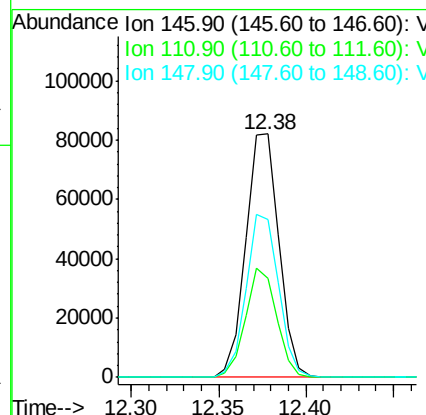
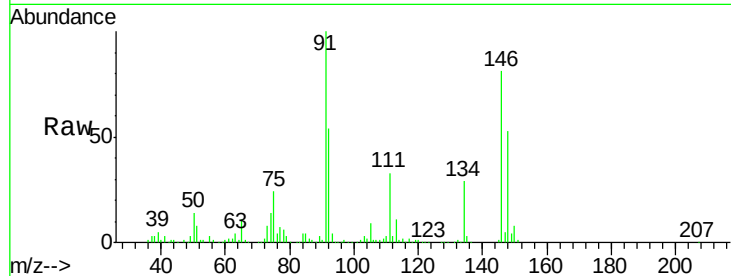
#91
1,2-Dichlorobenzene
Concen: 18.362 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	108712		
111	42.1	21.1	63.3	
148	65.5	32.4	97.0	

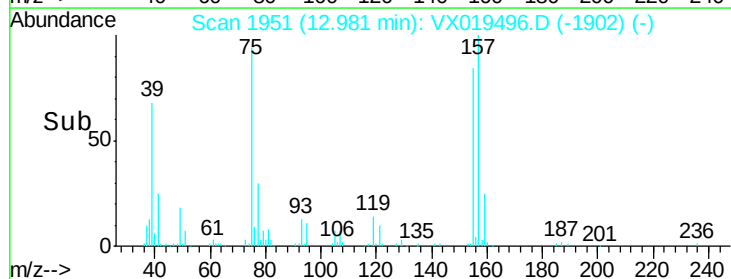
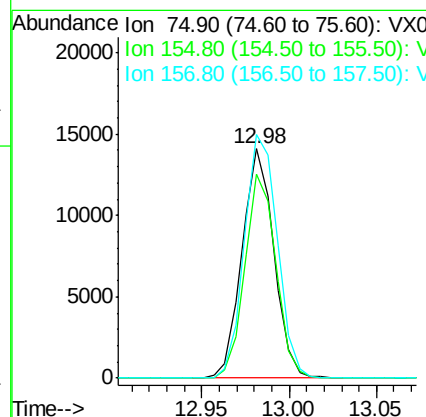
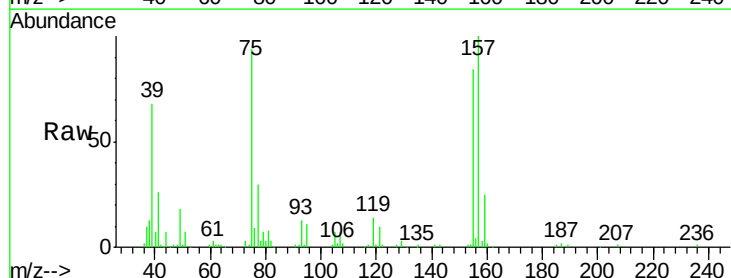
Manual Integrations
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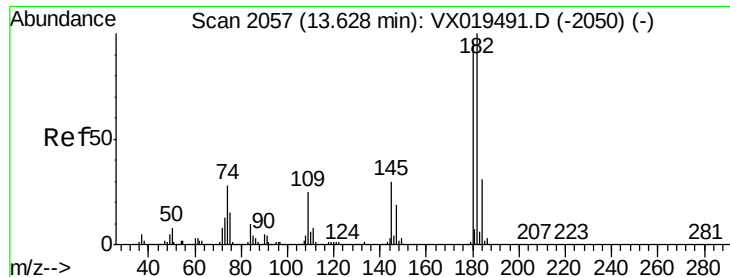
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11/23/2020 3:50:47 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.440 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17832		
155	86.7	43.6	130.9	
157	110.4	57.0	170.8	





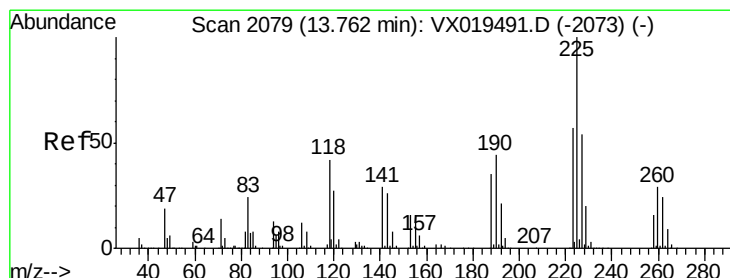
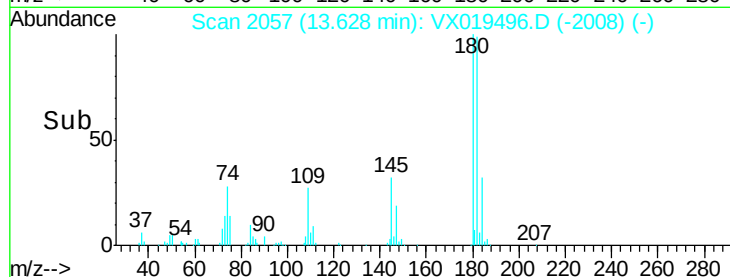
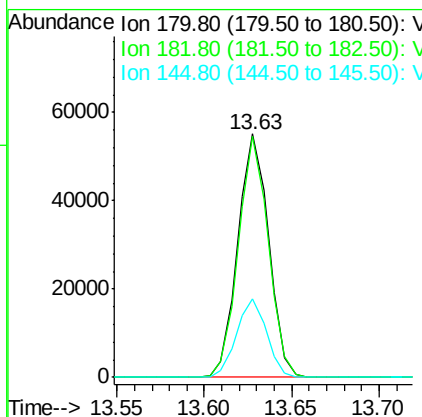
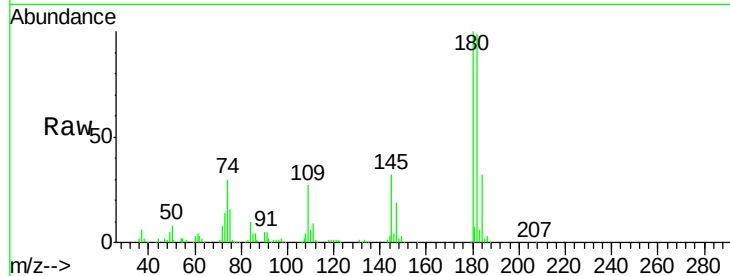
#93
 1,2,4-Trichlorobenzene
 Concen: 17.790 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	67621		
182	96.3		48.6	145.9
145	31.6		15.9	47.7

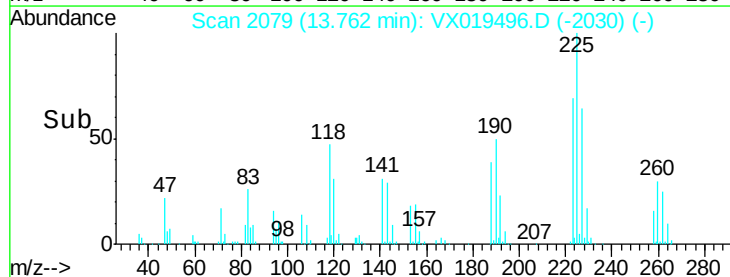
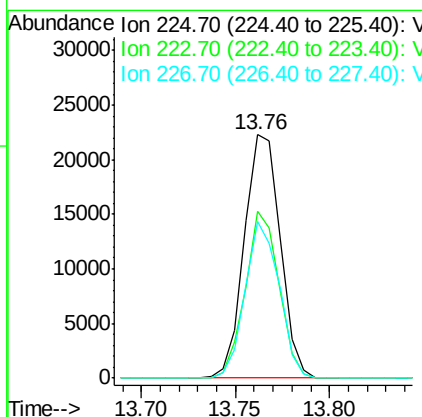
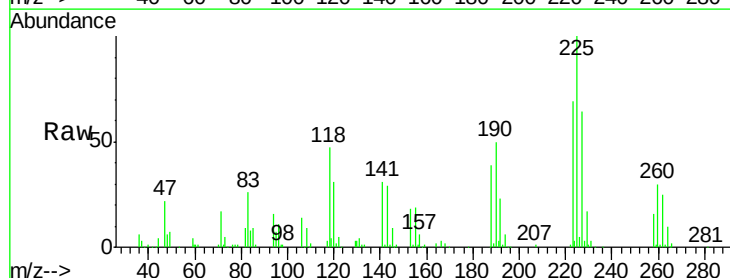
Manual Integrations
 APPROVED

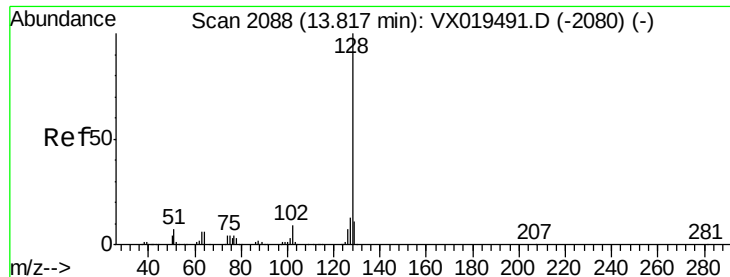
MMDadoda
 11/23/2020 3:50:47 PM



#94
 Hexachlorobutadiene
 Concen: 17.008 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019496.D
 Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29450		
223	64.1		32.5	97.5
227	61.2		32.8	98.3





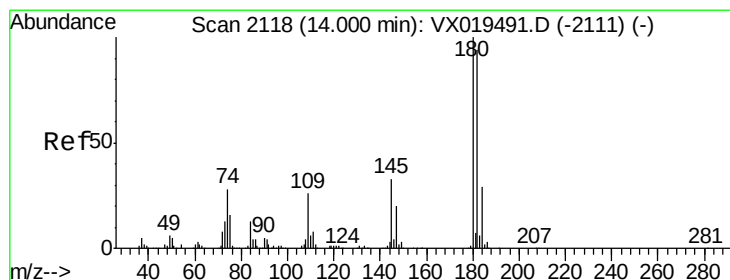
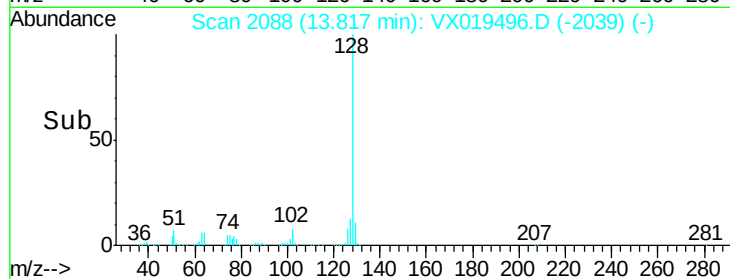
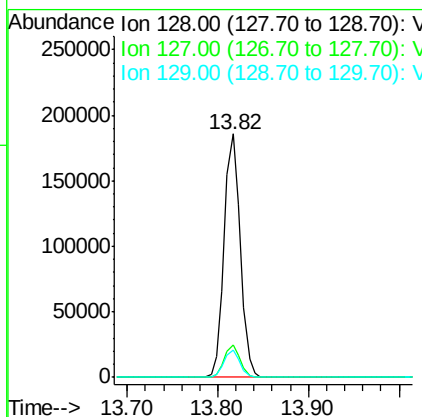
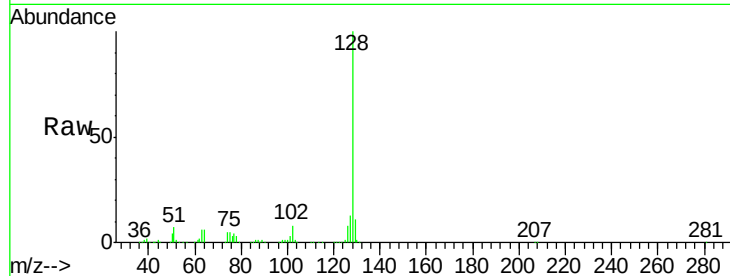
#95
Naphthalene
Concen: 18.625 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.784 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019496.D
Acq: 20 Nov 2020 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.1	144.3
145	32.5	16.6	49.8

