

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019497.D
 Acq On : 20 Nov 2020 15:52
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:49 PM

Quant Time: Nov 21 04:06:26 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	214365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	377214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	159874	57.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.04%
35) Dibromofluoromethane	5.46	113	119621	50.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.04%
50) Toluene-d8	8.70	98	444863	48.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.70%
62) 4-Bromofluorobenzene	11.12	95	165479	49.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	35820	17.183	ug/l	98
3) Chloromethane	1.31	50	47171	19.719	ug/l	99
4) Vinyl Chloride	1.39	62	45294	17.590	ug/l	98
5) Bromomethane	1.62	94	22148	22.708	ug/l	99
6) Chloroethane	1.68	64	13353	18.630	ug/l	98
7) Trichlorofluoromethane	1.90	101	63934	17.202	ug/l	98
8) Diethyl Ether	2.17	74	33447	22.471	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	36728	17.713	ug/l	97
10) Methyl Iodide	2.48	142	49152	18.044	ug/l	100
11) Tert butyl alcohol	3.04	59	84957m	161.513	ug/l	
12) 1,1-Dichloroethene	2.34	96	37568	17.653	ug/l	99
13) Acrolein	2.28	56	36305	102.679	ug/l	98
14) Allyl chloride	2.70	41	63763	19.125	ug/l	99
15) Acrylonitrile	3.12	53	148927	120.053	ug/l	99
16) Acetone	2.43	43	120514	112.121	ug/l	98
17) Carbon Disulfide	2.54	76	97716	17.091	ug/l	99
18) Methyl Acetate	2.75	43	62758	24.146	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	167370	22.783	ug/l	100
20) Methylene Chloride	2.83	84	55318	20.591	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	45512	18.875	ug/l	98
22) Diisopropyl ether	3.82	45	150043	21.755	ug/l	97
23) Vinyl Acetate	3.78	43	664009	114.779	ug/l	99
24) 1,1-Dichloroethane	3.66	63	85595	20.290	ug/l	99
25) 2-Butanone	4.64	43	192382	119.149	ug/l	97
26) 2,2-Dichloropropane	4.54	77	63981	17.376	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	57396	20.722	ug/l	99
28) Bromochloromethane	4.97	49	39212	19.442	ug/l	98
29) Tetrahydrofuran	5.09	42	122295	118.708	ug/l	99
30) Chloroform	5.17	83	91498	20.742	ug/l	97
31) Cyclohexane	5.54	56	61383	16.980	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	70065	18.491	ug/l	100
36) 1,1-Dichloropropene	5.76	75	58323	16.492	ug/l	99
37) Ethyl Acetate	4.79	43	74180	22.344	ug/l	99
38) Carbon Tetrachloride	5.74	117	56634	16.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	64560	15.679	ug/l	98
40) Benzene	6.10	78	202680	18.653	ug/l	97
41) Methacrylonitrile	5.01	41	38645	21.109	ug/l	95
42) 1,2-Dichloroethane	6.16	62	76737	20.605	ug/l	100
43) Isopropyl Acetate	6.41	43	118639	21.258	ug/l	99
44) Trichloroethene	7.18	130	49962	17.554	ug/l	94
45) 1,2-Dichloropropane	7.49	63	53668	20.064	ug/l	98
46) Dibromomethane	7.63	93	38185	20.857	ug/l	98
47) Bromodichloromethane	7.87	83	69646	19.605	ug/l	95
48) Methyl methacrylate	7.74	41	56924	21.780	ug/l	99
49) 1,4-Dioxane	7.72	88	28407	478.686	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	367862	113.037	ug/l	100
52) Toluene	8.76	92	124106	18.671	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	76912	20.046	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	84084	19.748	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	56238	20.774	ug/l	99
56) Ethyl methacrylate	9.16	69	81457	21.265	ug/l	100
57) 1,3-Dichloropropane	9.35	76	94722	20.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	227295	101.266	ug/l	100
59) 2-Hexanone	9.48	43	273719	110.900	ug/l	99
60) Dibromochloromethane	9.56	129	52071	19.638	ug/l	98
61) 1,2-Dibromoethane	9.65	107	58507	20.967	ug/l	98
64) Tetrachloroethene	9.32	164	46429	17.068	ug/l	97
65) Chlorobenzene	10.12	112	132259	18.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49653	19.186	ug/l	98
67) Ethyl Benzene	10.23	91	223785	17.954	ug/l	100
68) m/p-Xylenes	10.34	106	168375	36.258	ug/l	100
69) o-Xylene	10.68	106	83073	18.714	ug/l	100
70) Styrene	10.70	104	139855	18.106	ug/l	100
71) Bromoform	10.84	173	36620	19.103	ug/l #	98
73) Isopropylbenzene	11.00	105	210452	18.514	ug/l	99
74) N-amyl acetate	10.88	43	91780	21.547	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	87357	21.490	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	80249m	22.378	ug/l	
77) Bromobenzene	11.24	156	56274	19.392	ug/l	99
78) n-propylbenzene	11.34	91	238026	18.253	ug/l	100
79) 2-Chlorotoluene	11.40	91	151184	19.117	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	178680	18.738	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	24433	21.078	ug/l	95
82) 4-Chlorotoluene	11.49	91	175670	18.869	ug/l	99
83) tert-Butylbenzene	11.76	119	171034	18.540	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	183836	19.054	ug/l	99
85) sec-Butylbenzene	11.93	105	199836	18.208	ug/l	99
86) p-Isopropyltoluene	12.05	119	182823	18.347	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	100089	18.781	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	104170	18.976	ug/l	99
89) n-Butylbenzene	12.37	91	156233	17.343	ug/l	100
90) Hexachloroethane	12.58	117	28463	17.070	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	100858	18.843	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17668	21.305	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	63141	18.374	ug/l	96
94) Hexachlorobutadiene	13.77	225	25614	16.362	ug/l	99
95) Naphthalene	13.82	128	221987	19.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	65504	19.057	ug/l	99

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

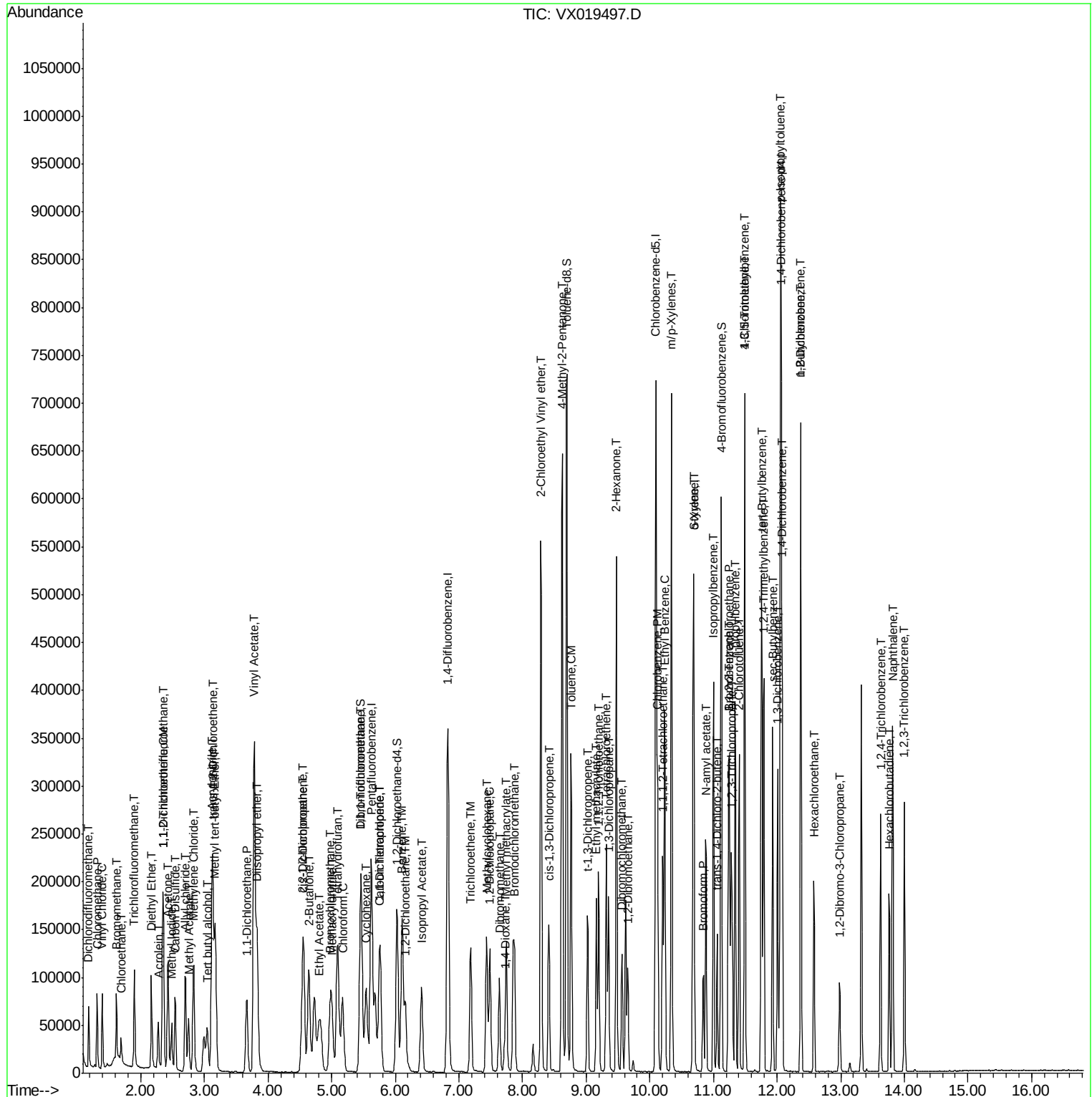
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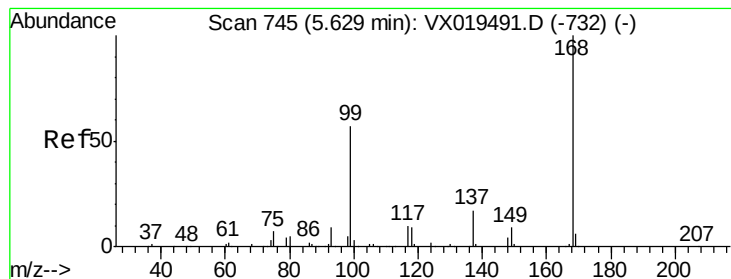
Instrument :
MSVOA_X
Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:168 Resp: 214365

Ion Ratio Lower Upper

168 100

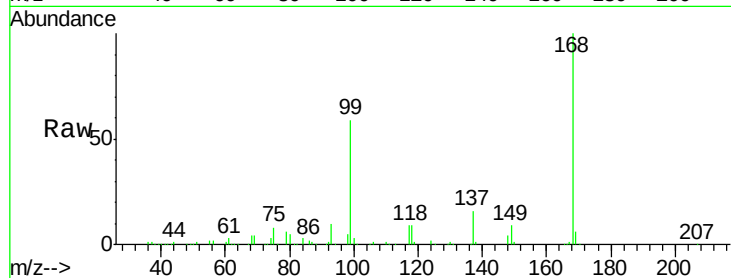
99 59.1 45.8 68.6

Manual Integrations

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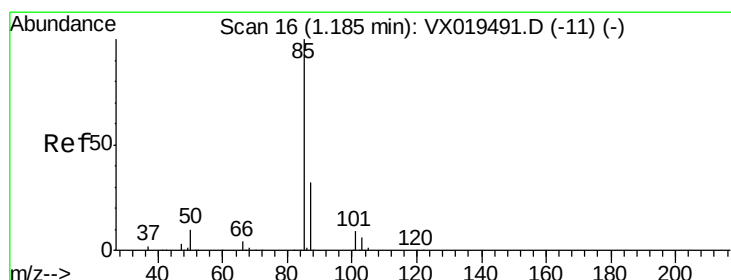
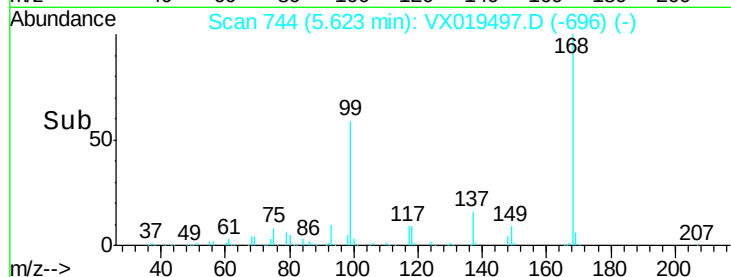
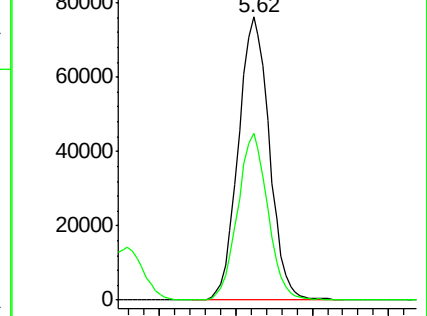
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.183 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019497.D

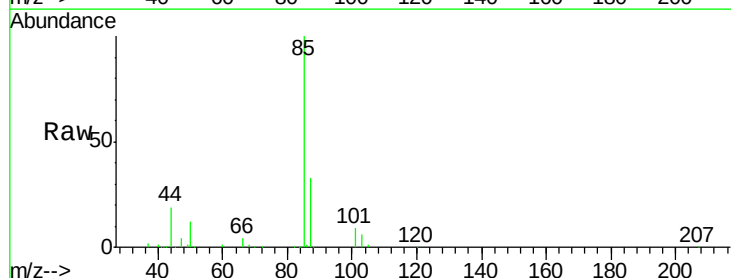
Acq: 20 Nov 2020 15:52

Tgt Ion: 85 Resp: 35820

Ion Ratio Lower Upper

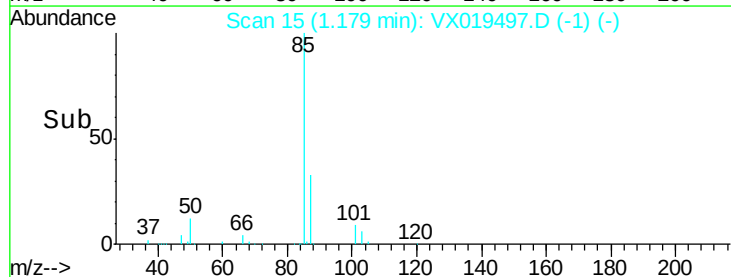
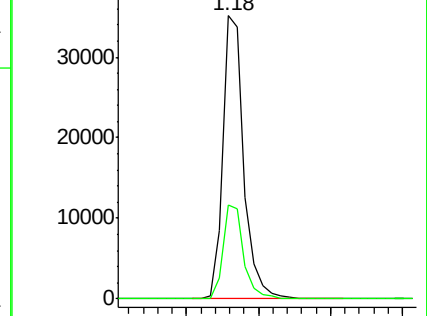
85 100

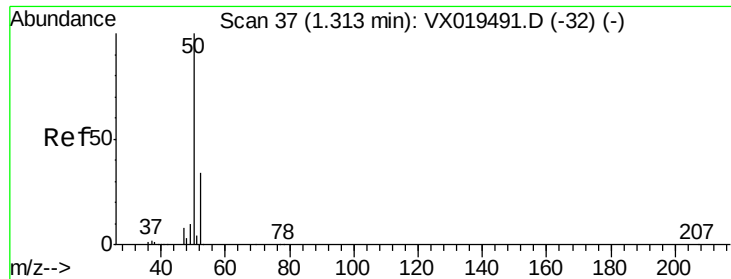
87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.719 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 50 Resp: 47171

Ion Ratio Lower Upper

50 100

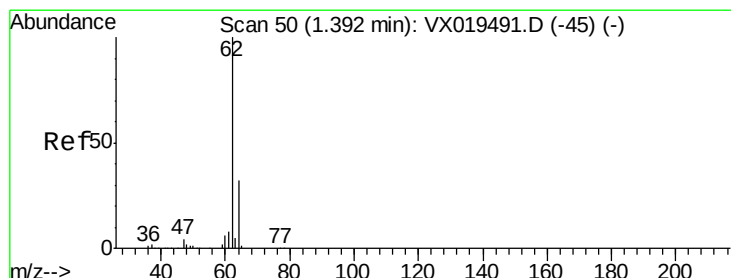
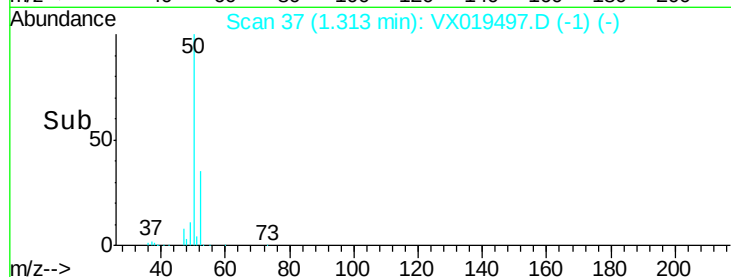
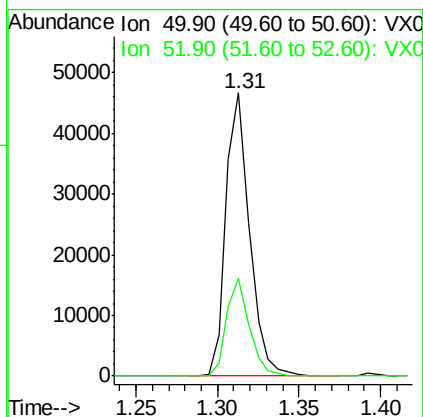
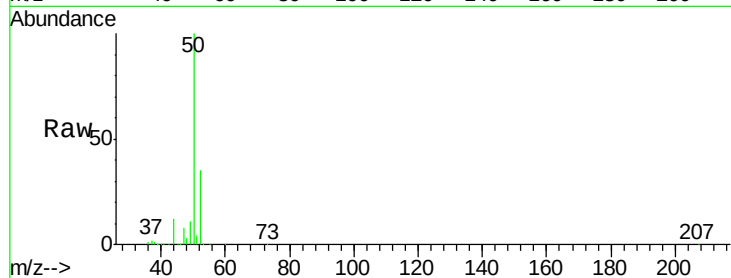
52 34.5 27.0 40.6

Manual Integrations

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11/23/2020 3:50:49 PM



#4

Vinyl Chloride

Concen: 17.590 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019497.D

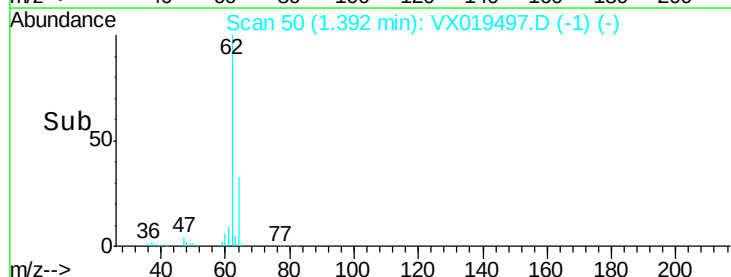
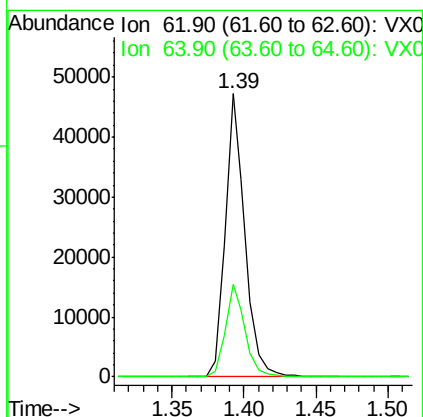
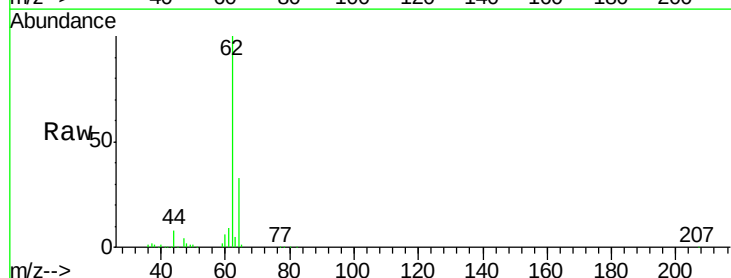
Acq: 20 Nov 2020 15:52

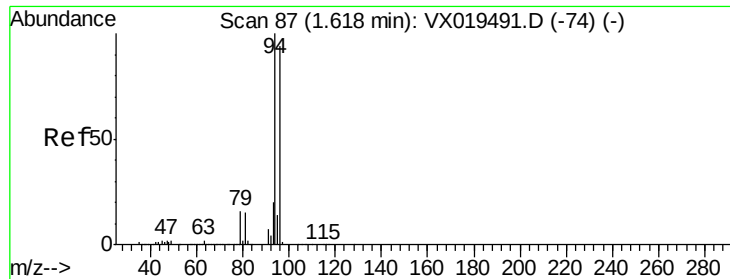
Tgt Ion: 62 Resp: 45294

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2





#5

Bromomethane

Concen: 22.708 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

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ClientSampleId :

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Tot Ion: 94 Resp: 22148

Ion Ratio Lower Upper

94 100

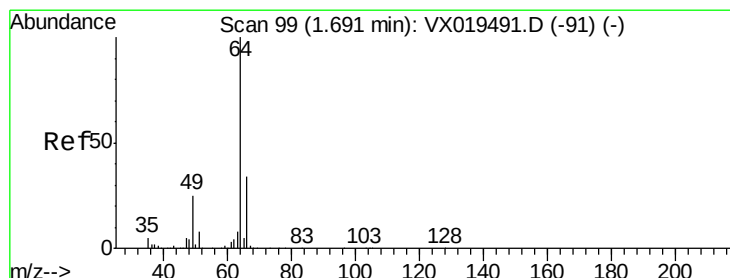
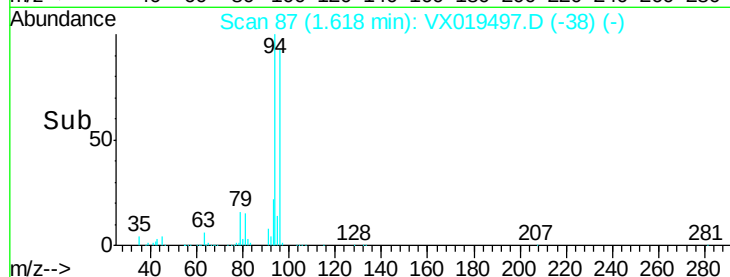
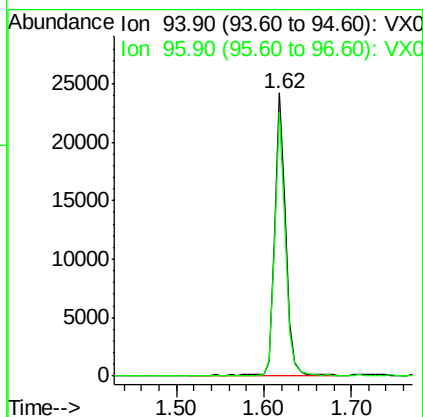
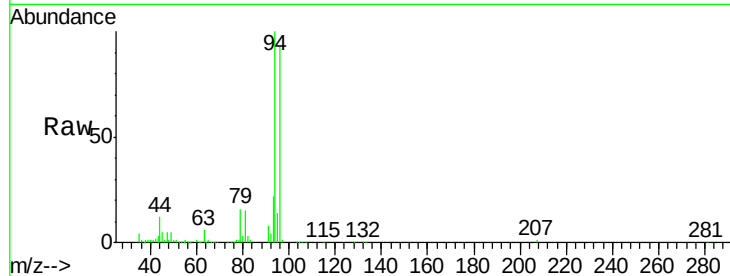
96 93.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.630 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019497.D

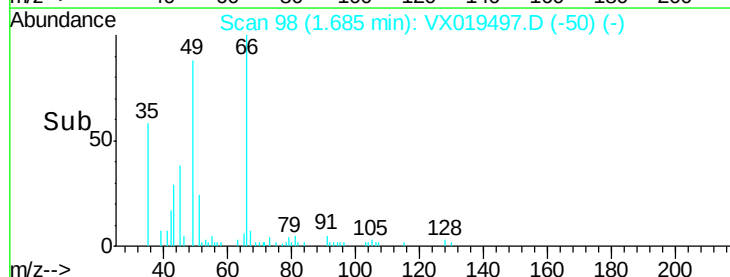
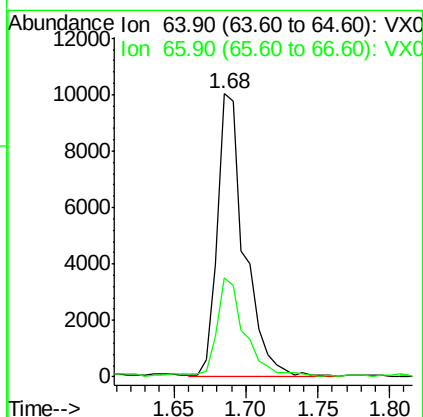
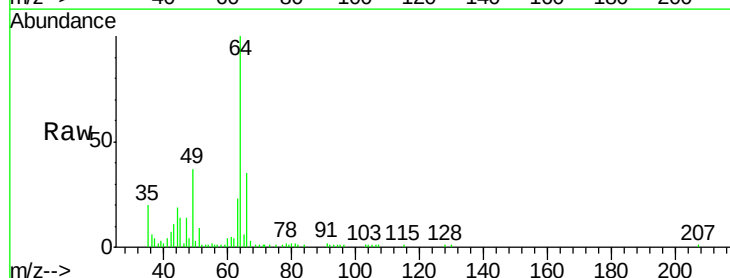
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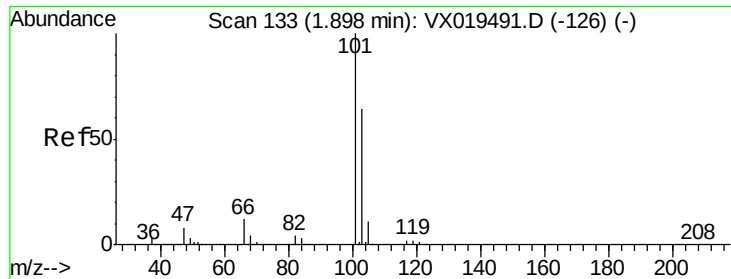
Tgt Ion: 64 Resp: 13353

Ion Ratio Lower Upper

64 100

66 34.8 27.1 40.7





#7

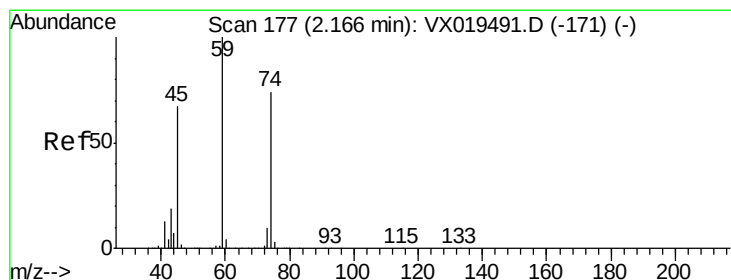
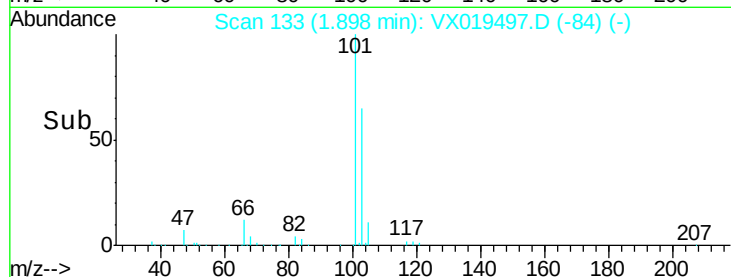
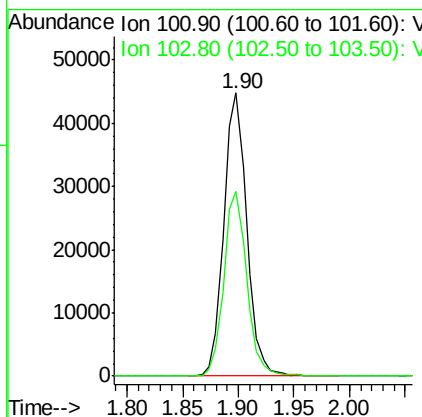
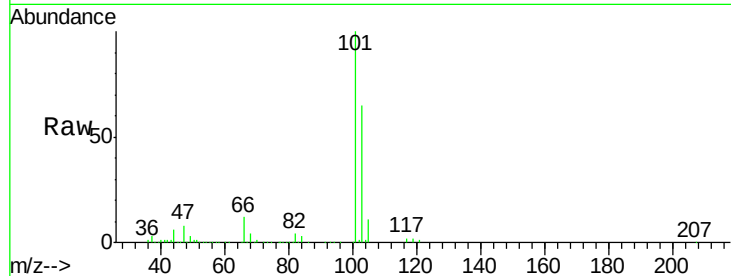
Trichlorofluoromethane
Concen: 17.202 ug/l
RT: 1.90 min Scan# 133
Delta R.T. 0.00 min
Lab File: VX019497.D
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Instrument :
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ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.9	76.3

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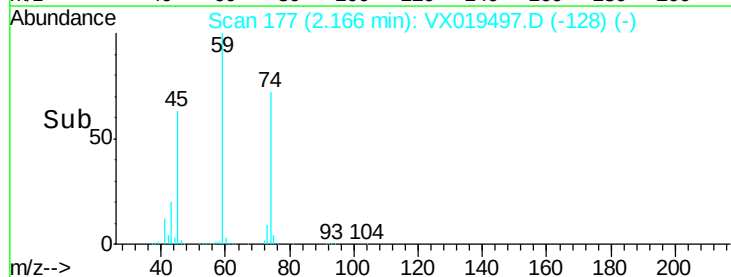
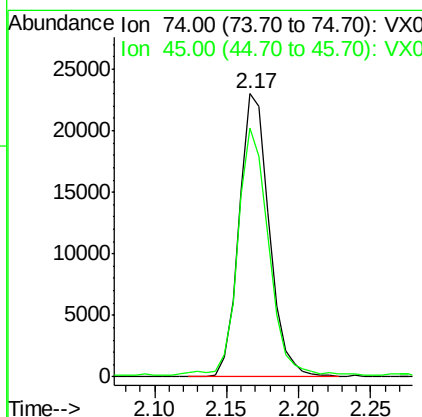
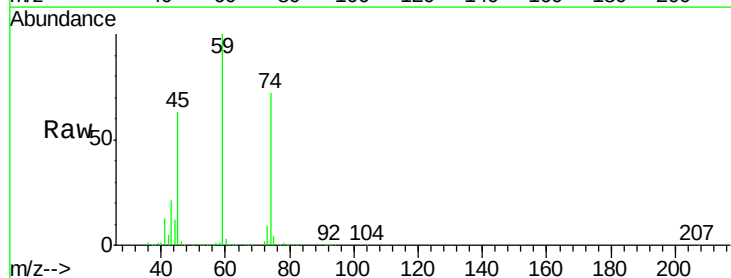
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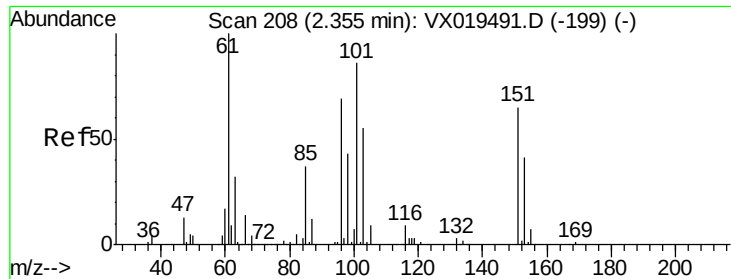


#8

Diethyl Ether
Concen: 22.471 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.713 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

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Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

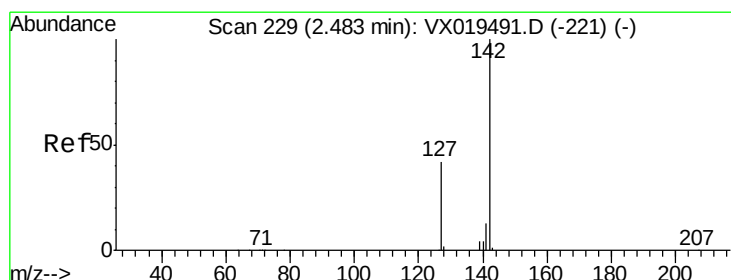
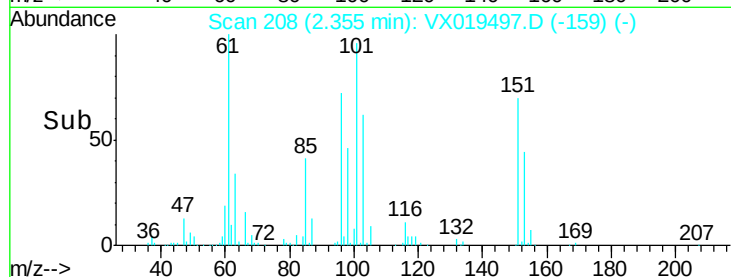
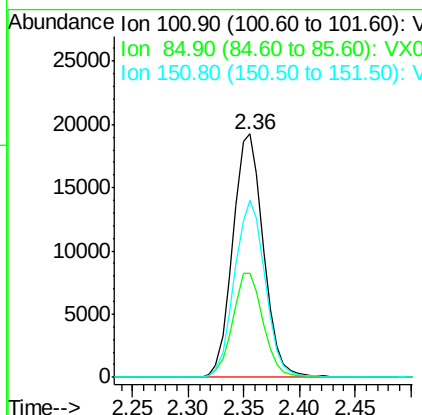
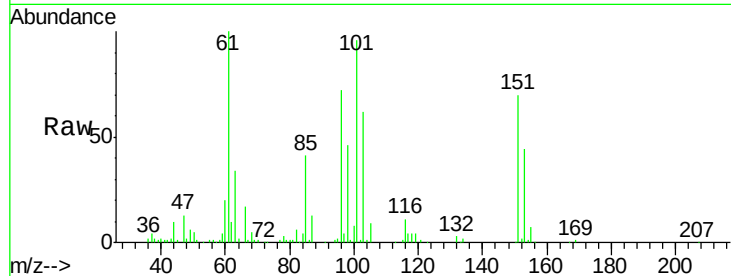
ClientSampleId :

VX1121WBSD01

Tot Ion:	101	Resp:	36728
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.9	50.9
151	72.9	60.9	91.3

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:49 PM



#10

Methyl Iodide

Concen: 18.044 ug/l

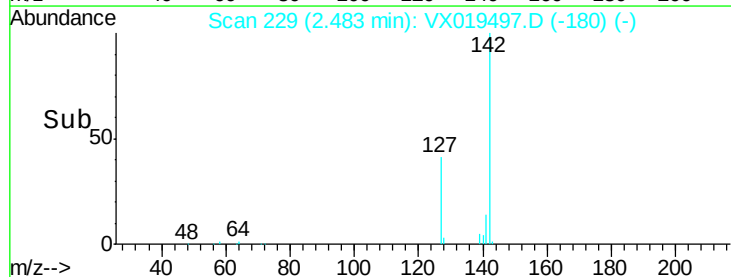
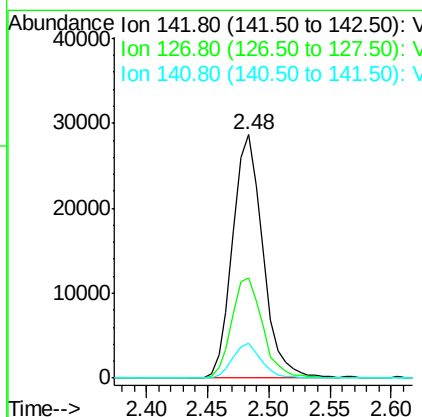
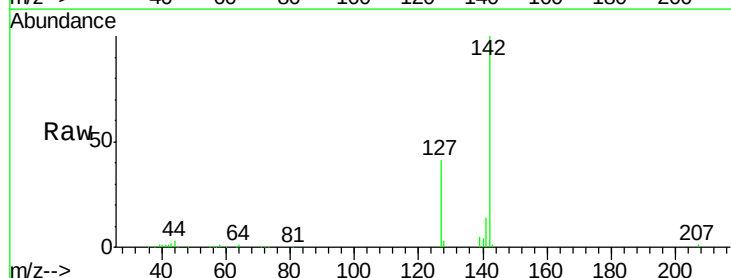
RT: 2.48 min Scan# 229

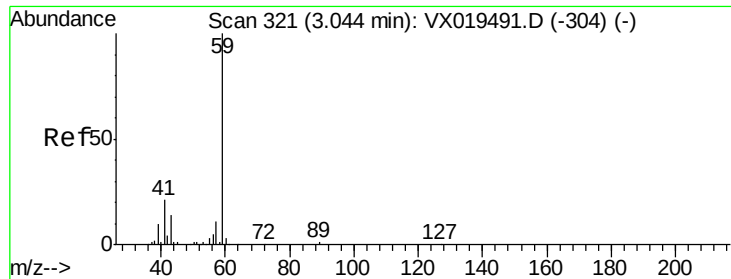
Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Tgt Ion:	142	Resp:	49152
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.8	50.6
141	13.7	11.0	16.6





#11

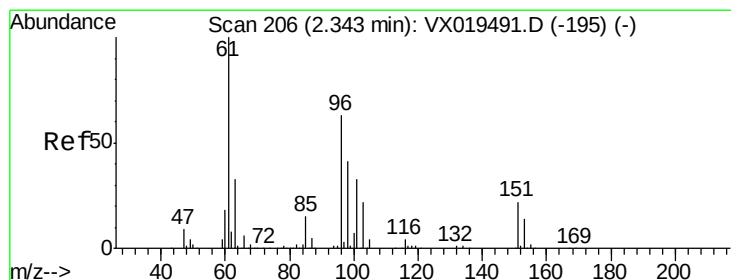
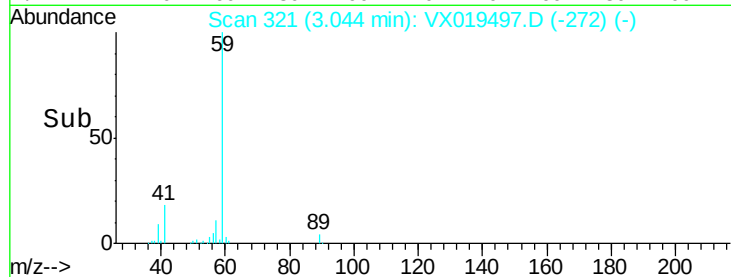
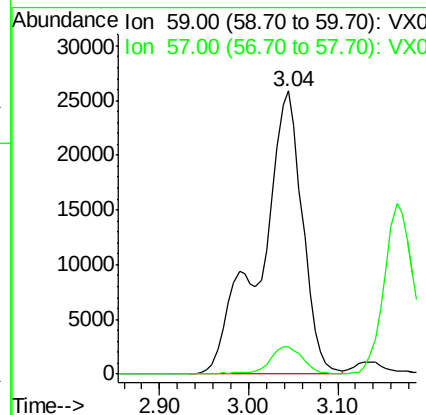
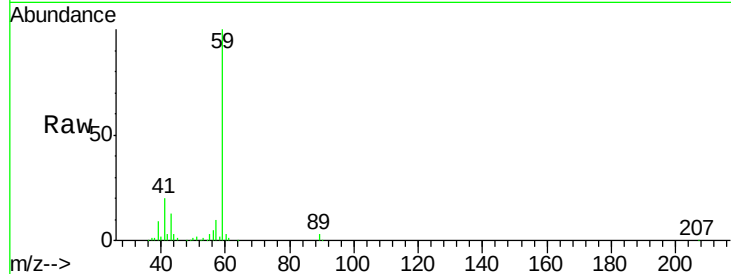
Tert butyl alcohol
Concen: 161.513 ug/l m
RT: 3.04 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	59	57	Ratio	100	7.9	Resp:	84957	Lower	Upper
Ion	59	57	Ratio	100	7.9	Resp:	84957	Lower	Upper

Manual Integrations
APPROVED

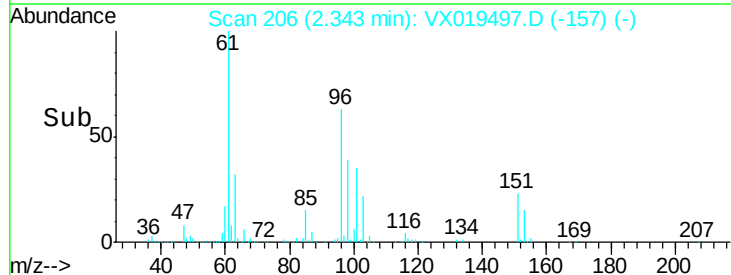
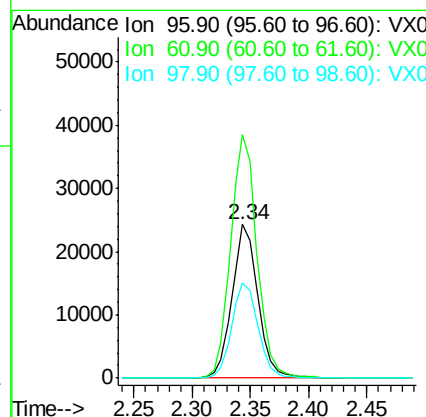
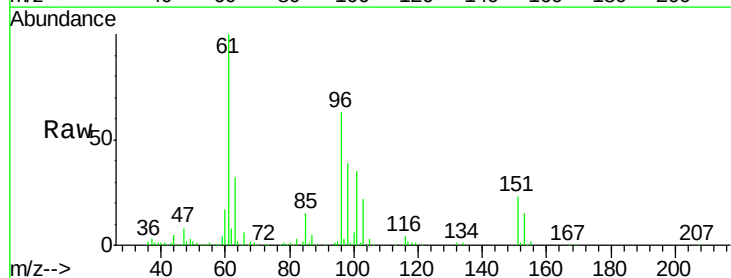
MMDadoda
11/23/2020 3:50:49 PM

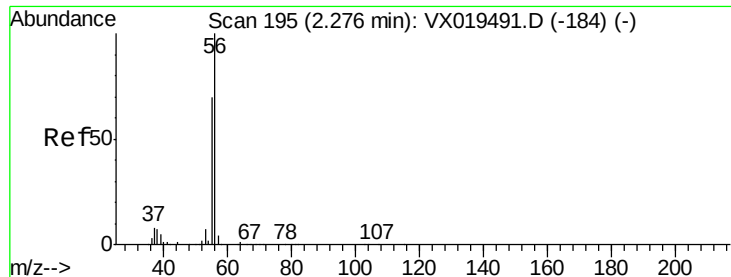


#12

1,1-Dichloroethene
Concen: 17.653 ug/l
RT: 2.34 min Scan# 206
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	96	61	98	Ratio	100	158.2	62.0	Resp:	37568	Lower	Upper
Ion	96	61	98	Ratio	100	158.2	62.0	Resp:	37568	Lower	Upper





#13

Acrolein

Concen: 102.679 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 56 Resp: 36305

Ion Ratio Lower Upper

56 100

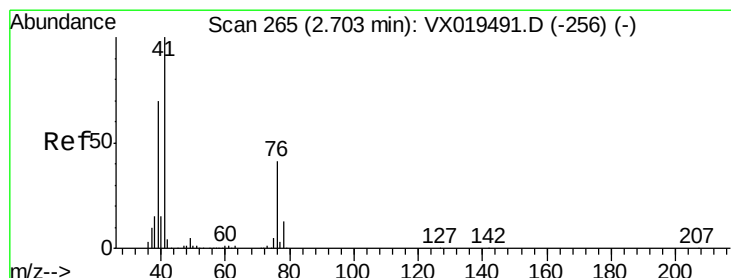
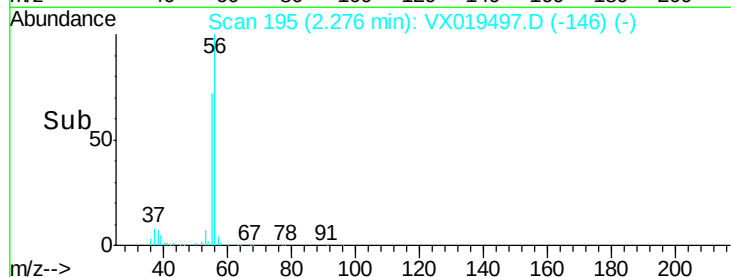
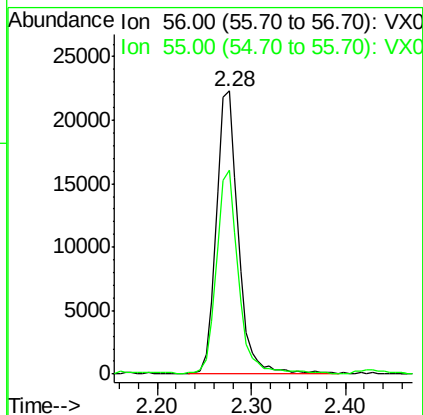
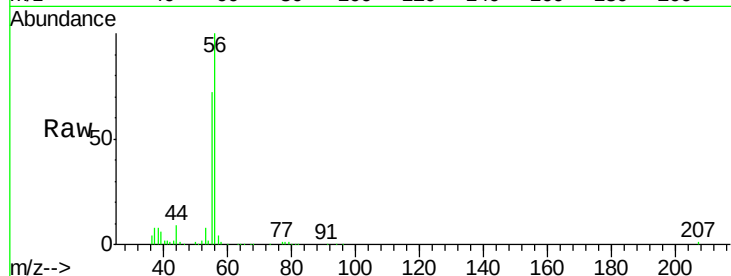
55 71.3 55.5 83.3

Manual Integrations

APPROVED

MMDadoda

11/23/2020 3:50:49 PM



#14

Allyl chloride

Concen: 19.125 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

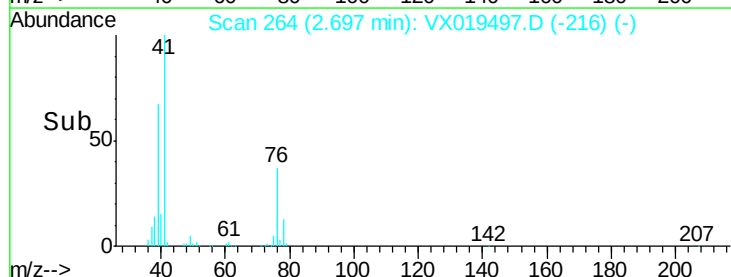
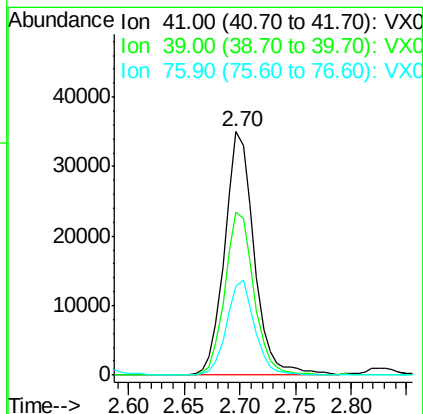
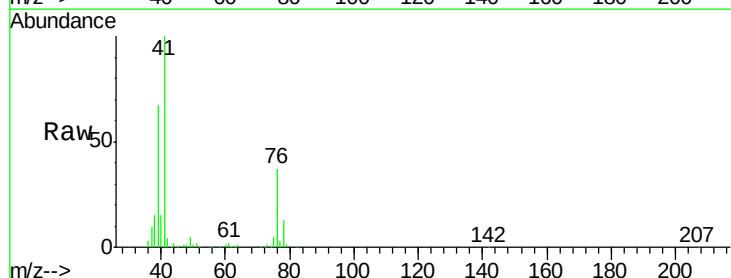
Tgt Ion: 41 Resp: 63763

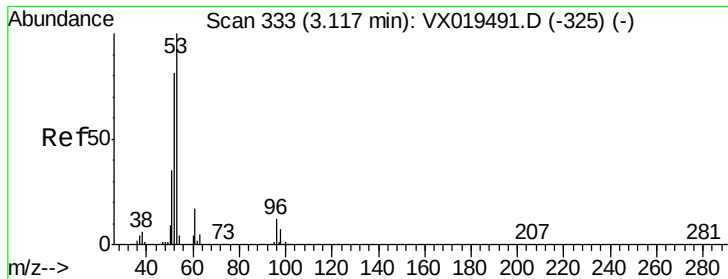
Ion Ratio Lower Upper

41 100

39 66.6 53.0 79.4

76 37.1 31.0 46.6





#15

Acrylonitrile

Concen: 120.053 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

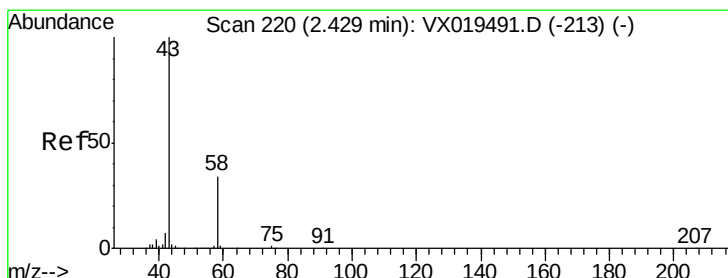
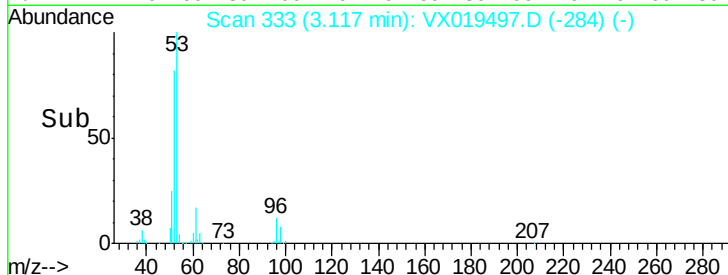
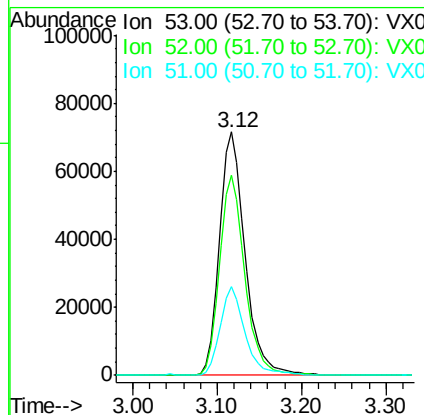
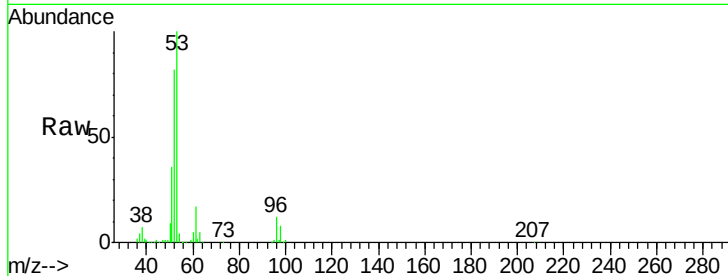
ClientSampleId :

VX1121WBSD01

Tot Ion:	53	Resp:	148927
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.2	99.2
51	35.5	28.5	42.7

Manual Integrations
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MMDadoda
11/23/2020 3:50:49 PM



#16

Acetone

Concen: 112.121 ug/l

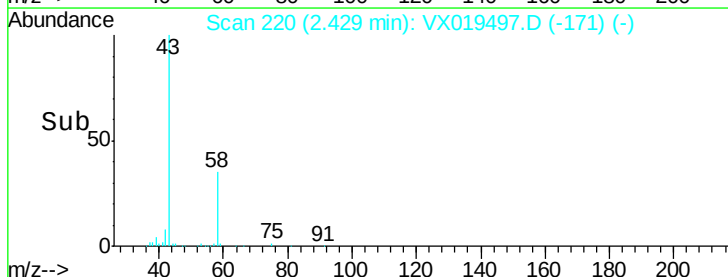
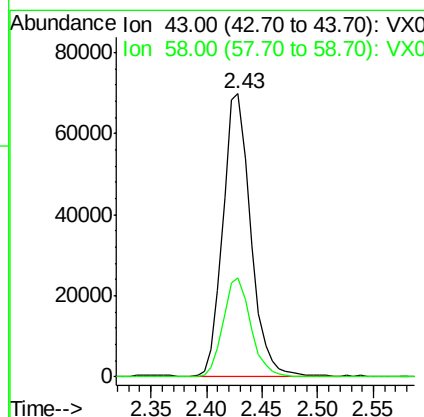
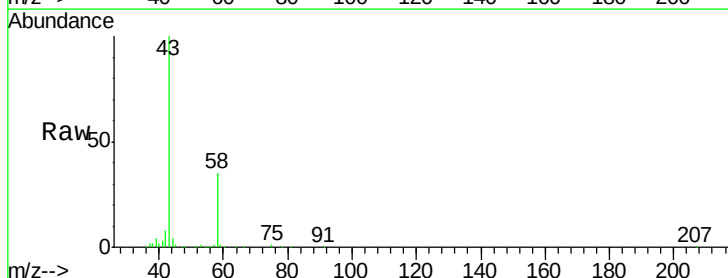
RT: 2.43 min Scan# 220

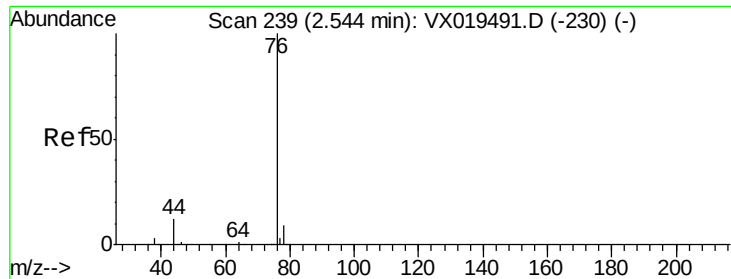
Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Tgt Ion:	43	Resp:	120514
Ion Ratio	Lower	Upper	
43	100		
58	35.2	27.4	41.2





#17

Carbon Disulfide

Concen: 17.091 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 76 Resp: 97716

Ion Ratio Lower Upper

76 100

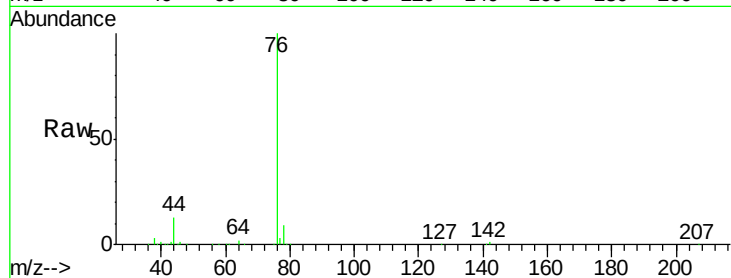
78 9.2 7.2 10.8

Manual Integrations

APPROVED

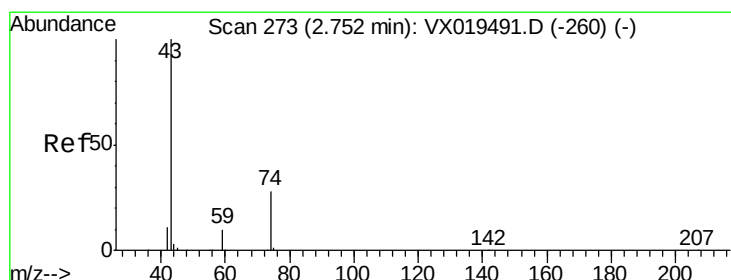
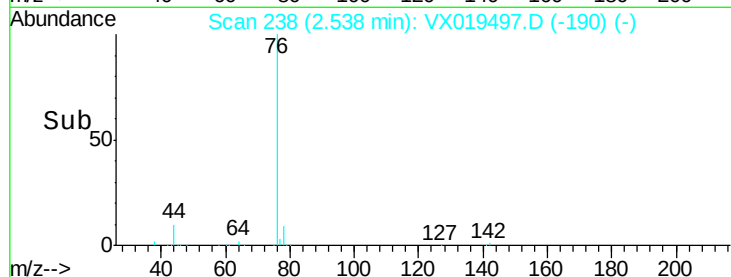
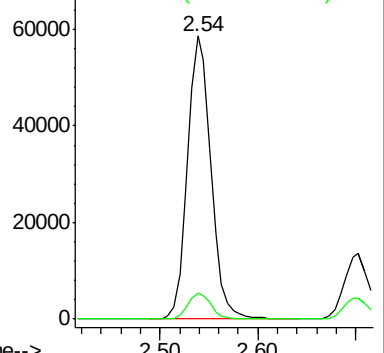
MMDadoda

11/23/2020 3:50:49 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.146 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019497.D

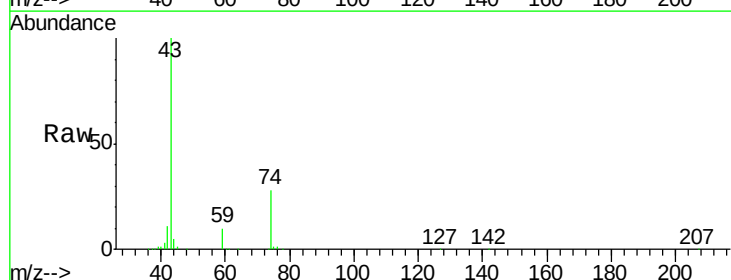
Acq: 20 Nov 2020 15:52

Tgt Ion: 43 Resp: 62758

Ion Ratio Lower Upper

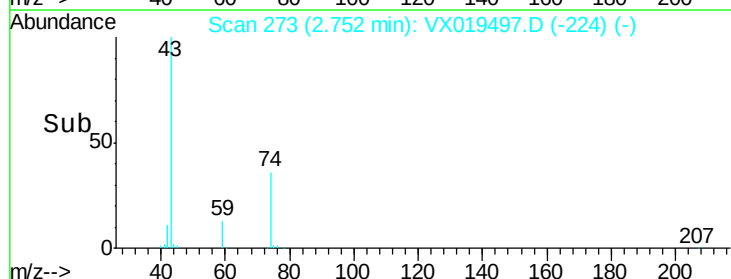
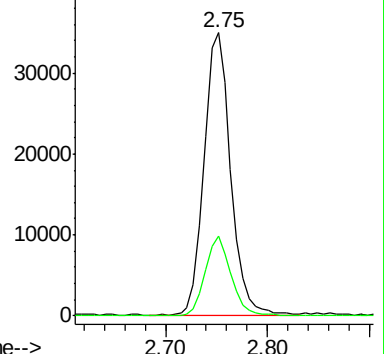
43 100

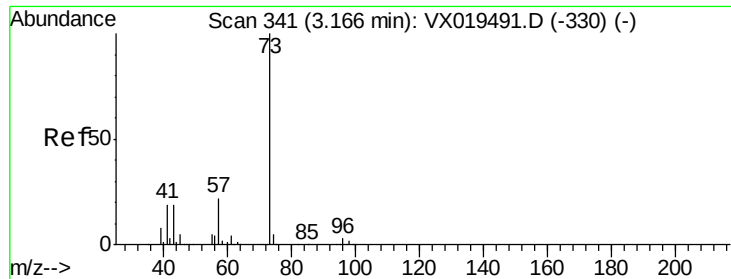
74 27.5 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

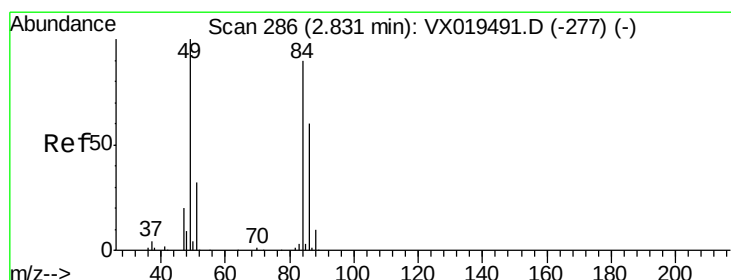
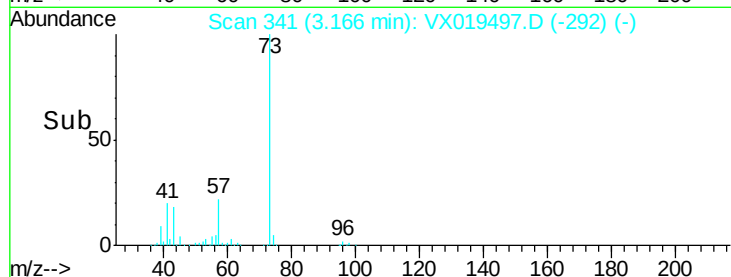
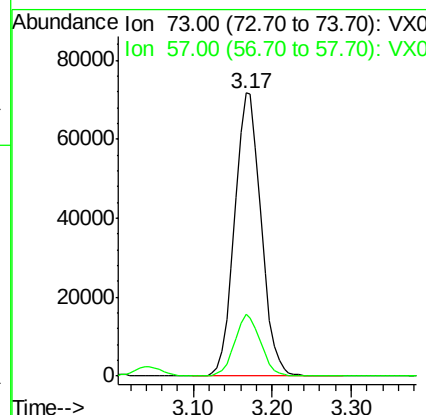
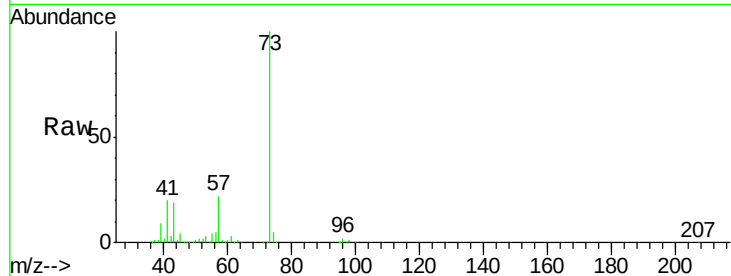
Methyl tert-butyl Ether
 Concen: 22.783 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	73	Resp	167370
Ion Ratio	Lower	Upper	
73	100		
57	21.7	17.3	25.9

Manual Integrations
 APPROVED

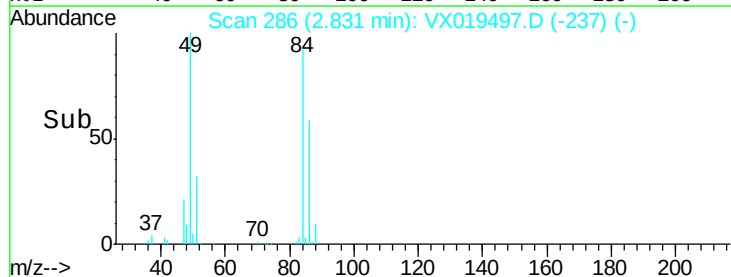
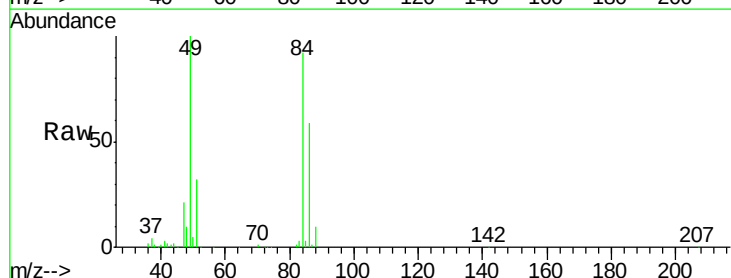
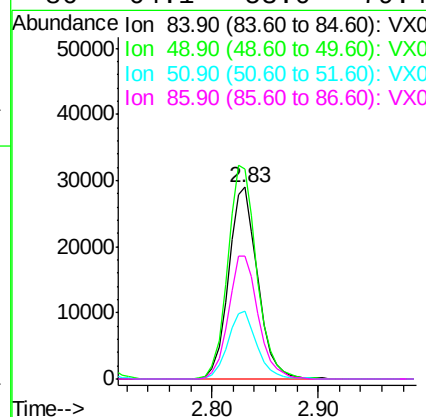
MMDadoda
 11/23/2020 3:50:49 PM

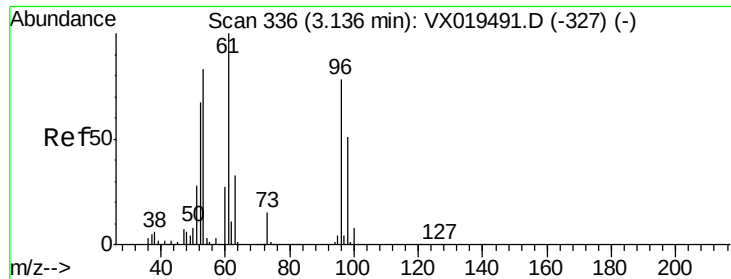


#20

Methylene Chloride
 Concen: 20.591 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Tgt Ion	84	Resp	55318
Ion Ratio	Lower	Upper	
84	100		
49	109.3	88.5	132.7
51	35.2	28.0	42.0
86	64.1	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 18.875 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

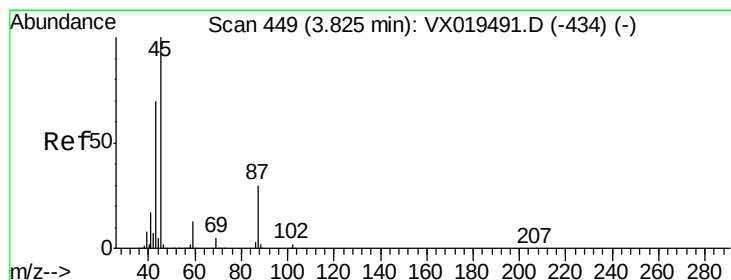
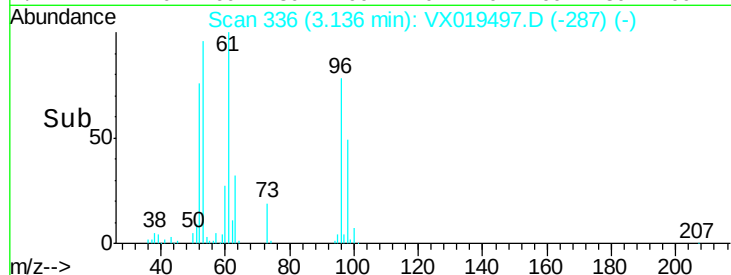
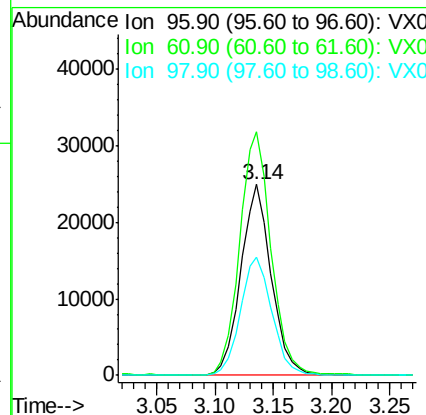
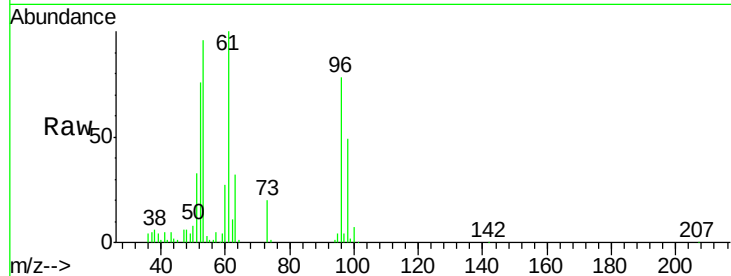
ClientSampleId :

VX1121WBSD01

Tot Ion:	96	Resp:	45512
Ion	Ratio	Lower	Upper
96	100		
61	127.6	102.9	154.3
98	62.2	52.1	78.1

Manual Integrations
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MMDadoda
11/23/2020 3:50:49 PM



#22

Diisopropyl ether

Concen: 21.755 ug/l

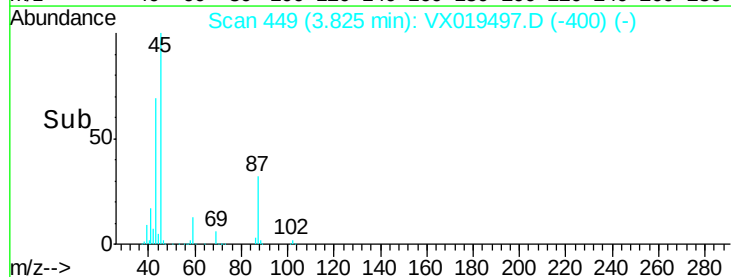
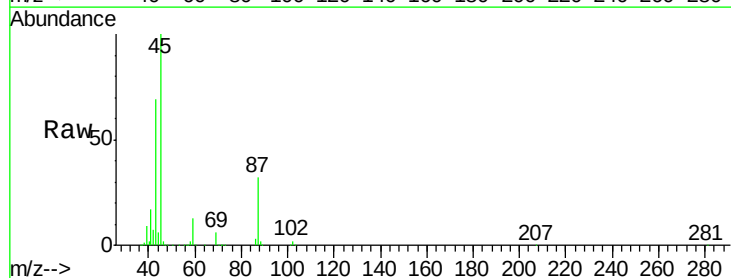
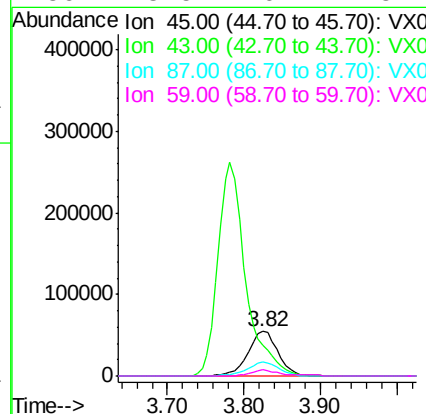
RT: 3.82 min Scan# 449

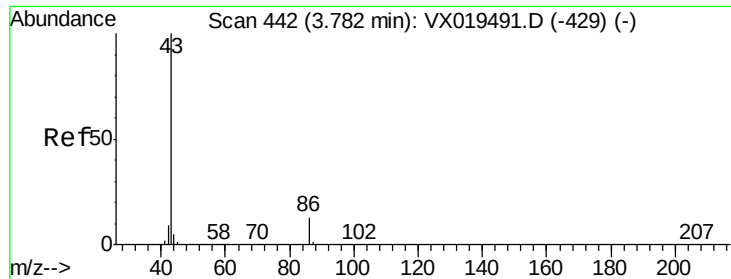
Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Tgt Ion:	45	Resp:	150043
Ion	Ratio	Lower	Upper
45	100		
43	67.8	56.1	84.1
87	31.5	24.2	36.2
59	13.5	10.2	15.2





#23

Vinyl Acetate

Concen: 114.779 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 43 Resp: 664009

Ion Ratio Lower Upper

43 100

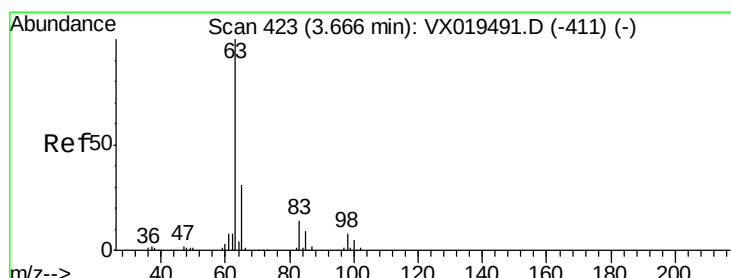
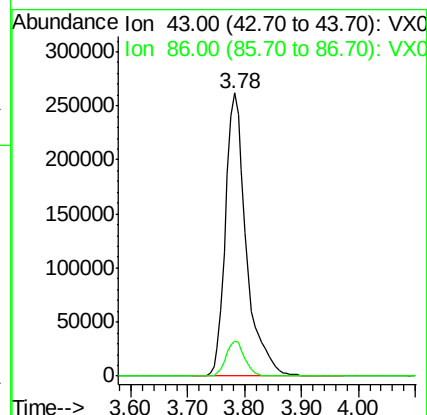
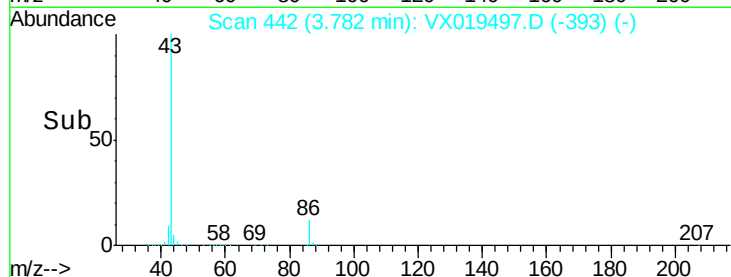
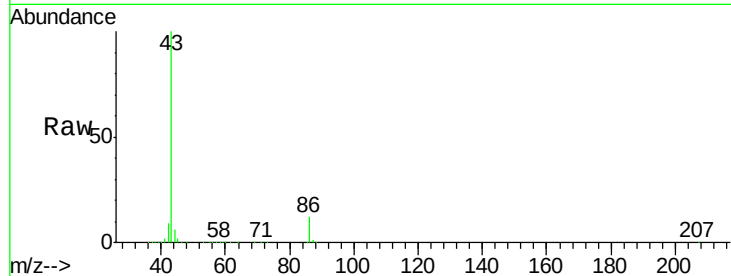
86 12.3 10.2 15.2

Manual Integrations

APPROVED

MMDadoda

11/23/2020 3:50:49 PM



#24

1,1-Dichloroethane

Concen: 20.290 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

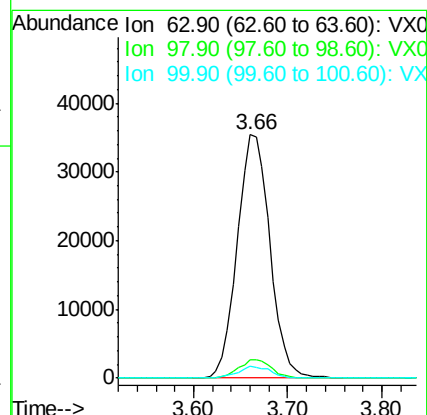
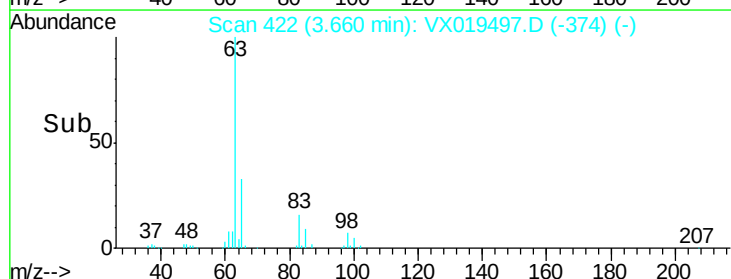
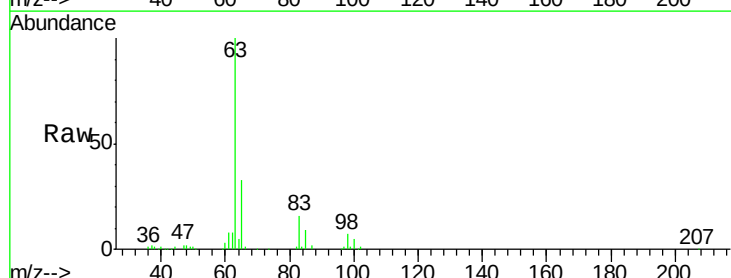
Tgt Ion: 63 Resp: 85595

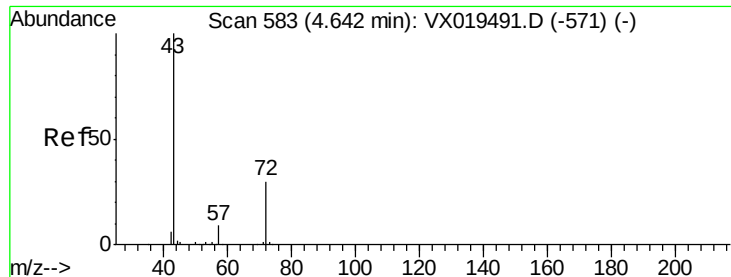
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.9 2.4 7.1





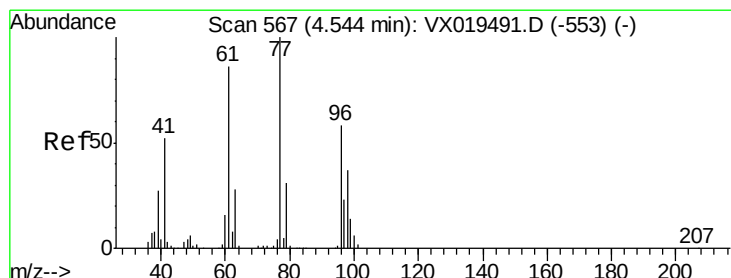
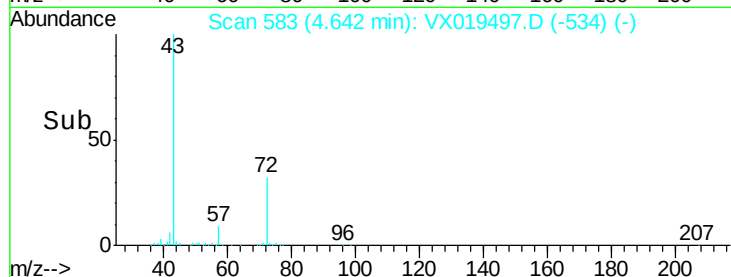
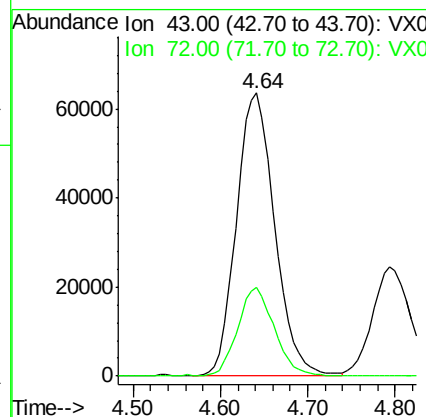
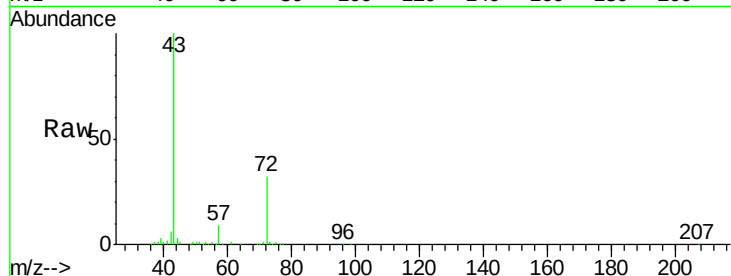
#25
2-Butanone
Concen: 119.149 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion: 43 Resp: 192382
Ion Ratio Lower Upper
43 100
72 31.4 24.0 36.0

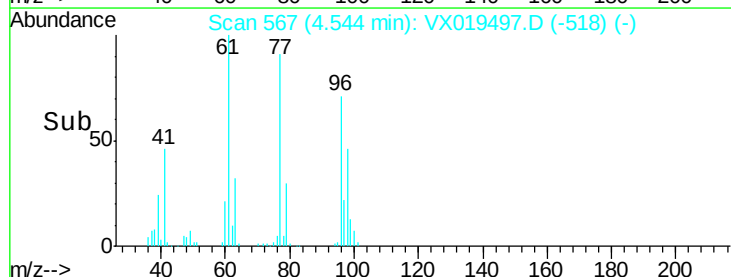
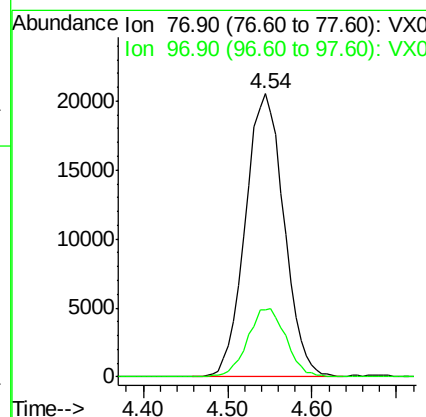
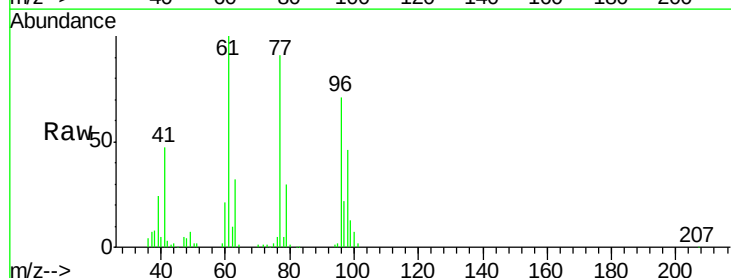
Manual Integrations
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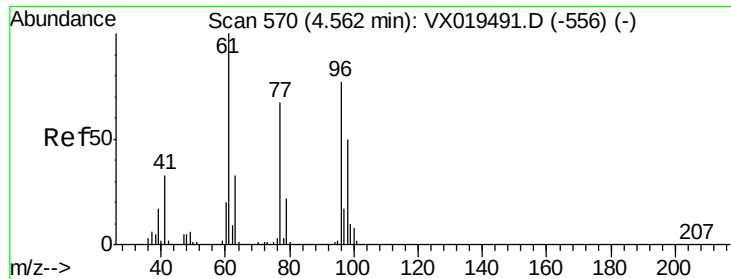
MMDadoda
11/23/2020 3:50:49 PM



#26
2,2-Dichloropropane
Concen: 17.376 ug/l
RT: 4.54 min Scan# 567
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion: 77 Resp: 63981
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.8





#27

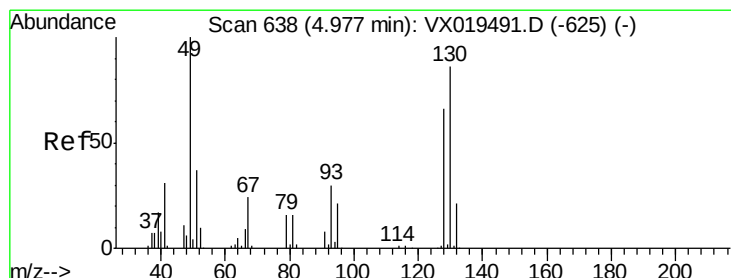
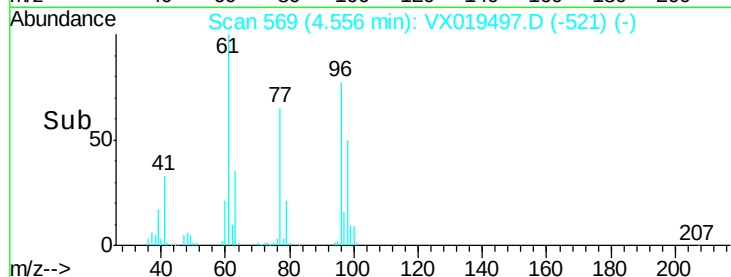
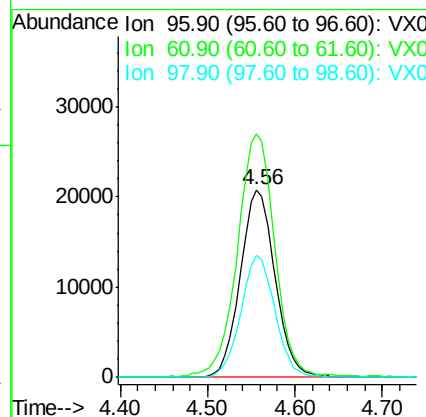
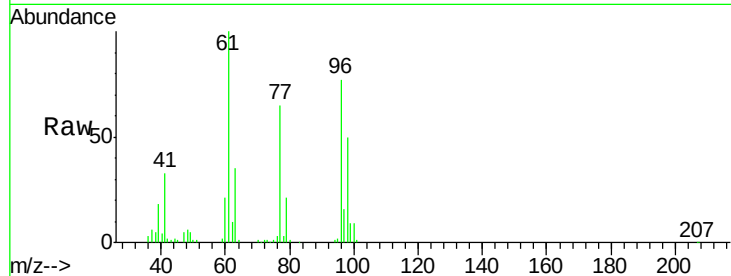
cis-1,2-Dichloroethene
Concen: 20.722 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	57396		
61	141.0		0.0	279.2
98	63.9		0.0	129.8

Manual Integrations
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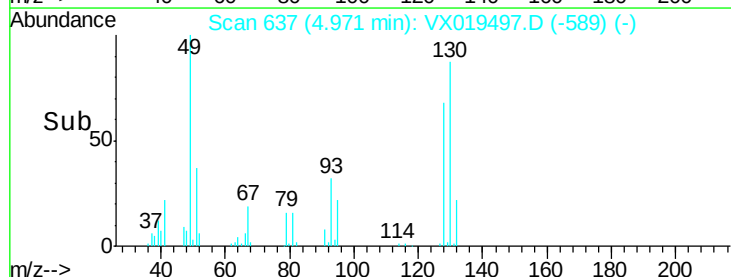
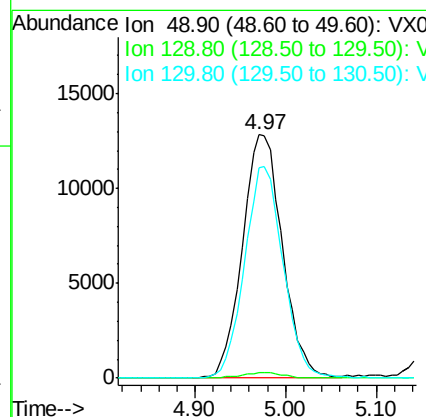
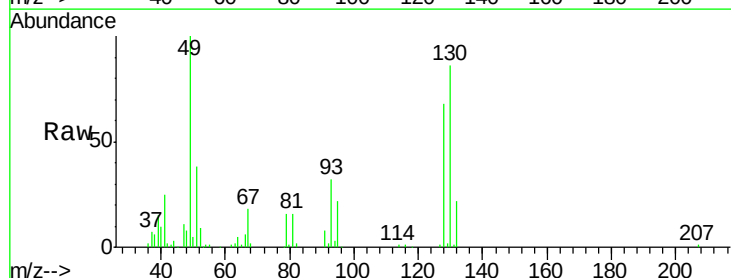
MMDadoda
11/23/2020 3:50:49 PM

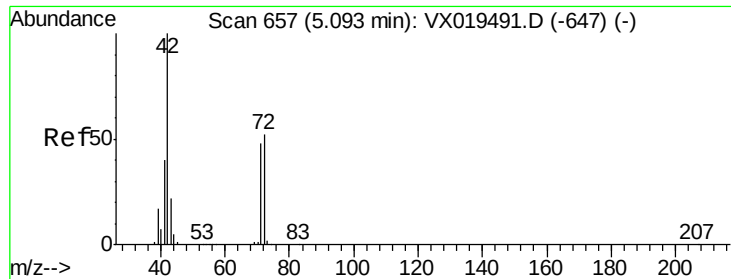


#28

Bromochloromethane
Concen: 19.442 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	39212		
129	2.2		0.0	4.2
130	83.9		69.0	103.6





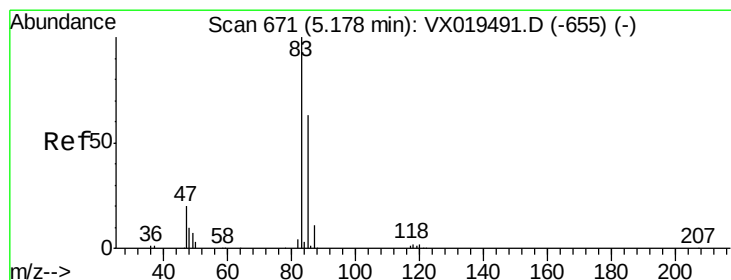
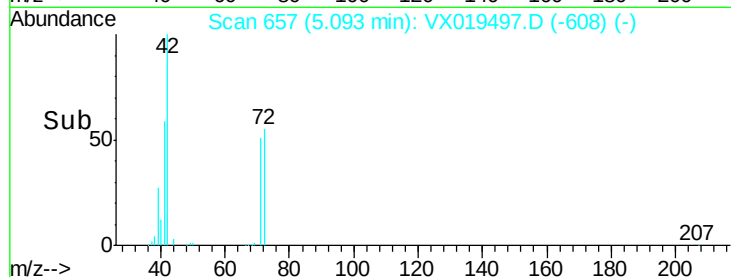
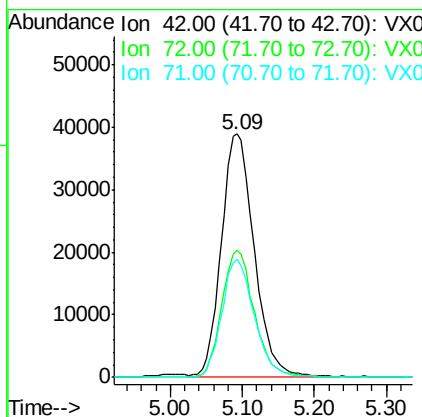
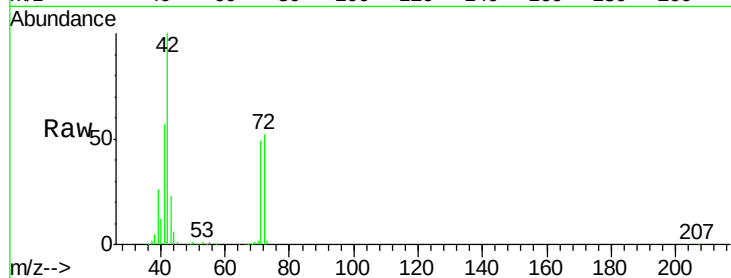
#29
Tetrahydrofuran
Concen: 118.708 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	42.6	63.8
71	48.4	39.0	58.6

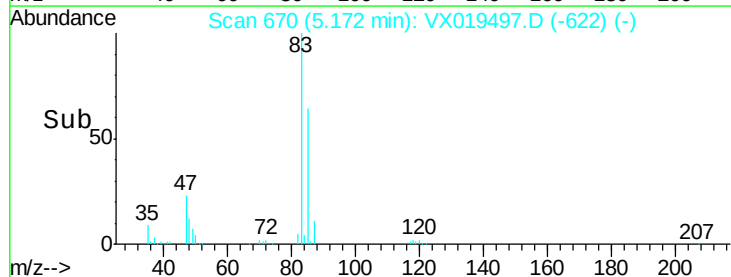
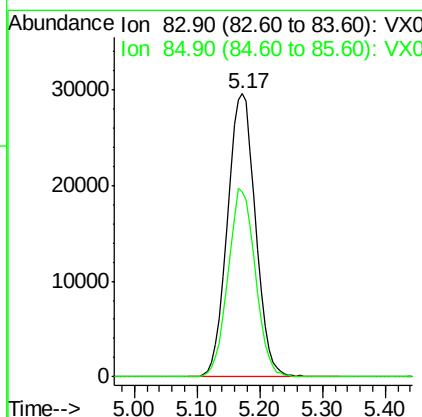
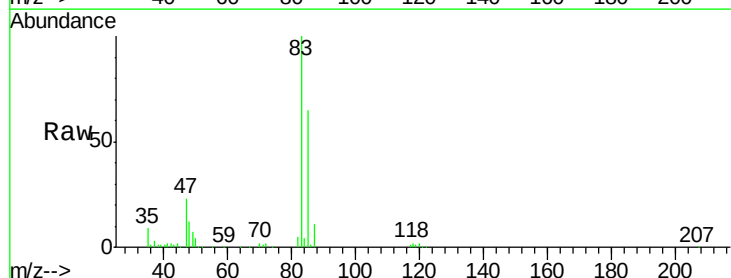
Manual Integrations
APPROVED

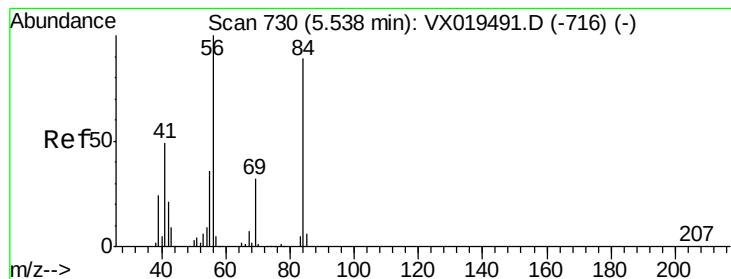
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11/23/2020 3:50:49 PM



#30
Chloroform
Concen: 20.742 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.5	75.7





#31

Cyclohexane

Concen: 16.980 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

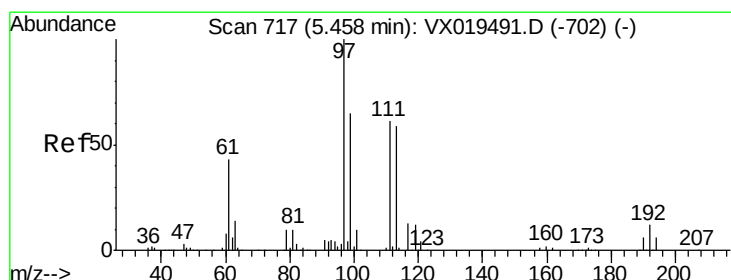
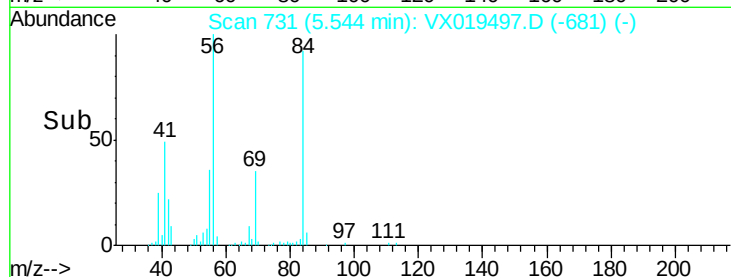
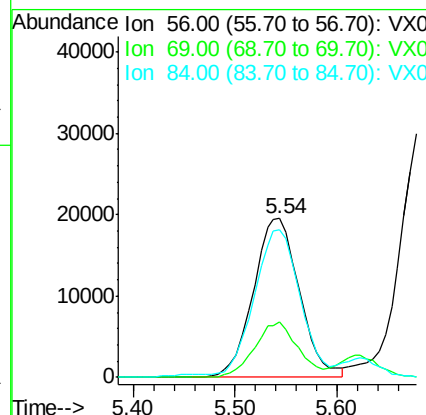
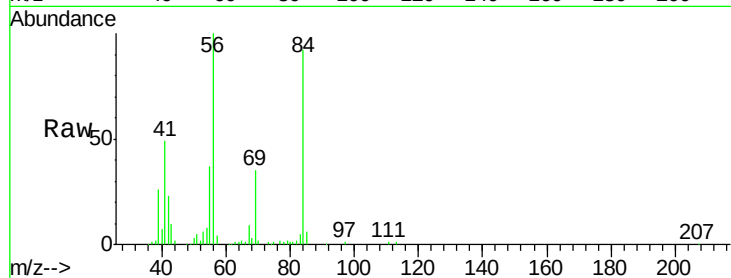
ClientSampleId :

VX1121WBSD01

Tot Ion:	56	Resp:	61383
Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.5	38.3
84	90.5	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.491 ug/l

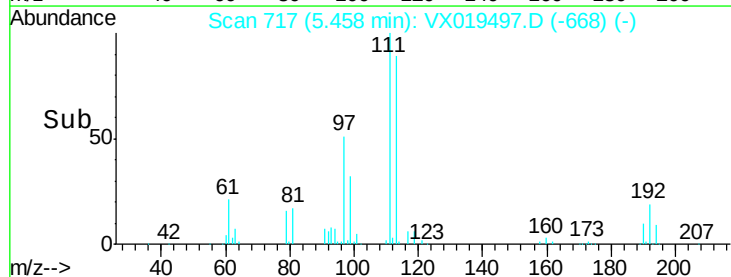
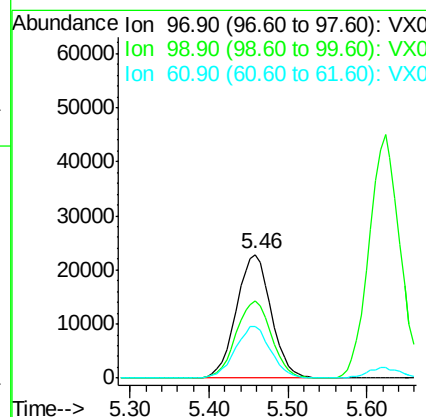
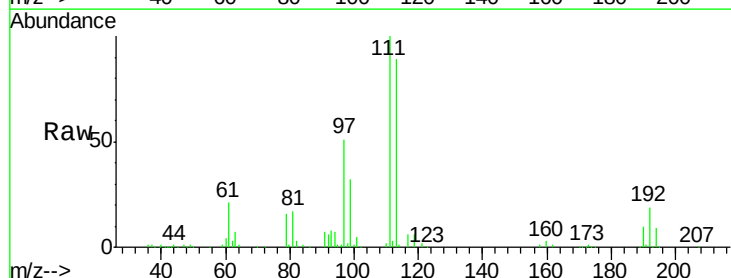
RT: 5.46 min Scan# 717

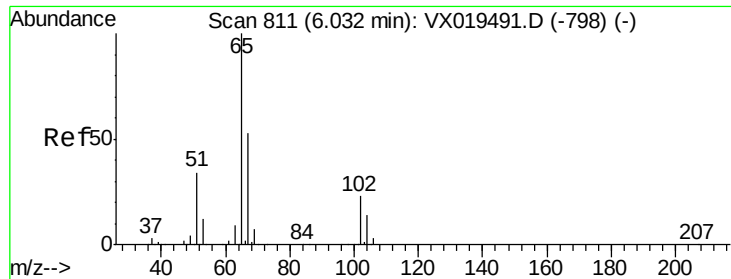
Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Tgt Ion:	97	Resp:	70065
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	42.6	34.2	51.2





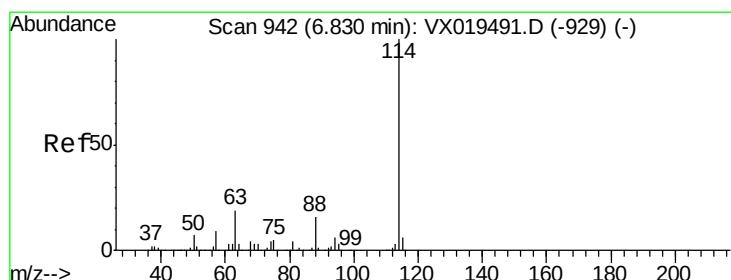
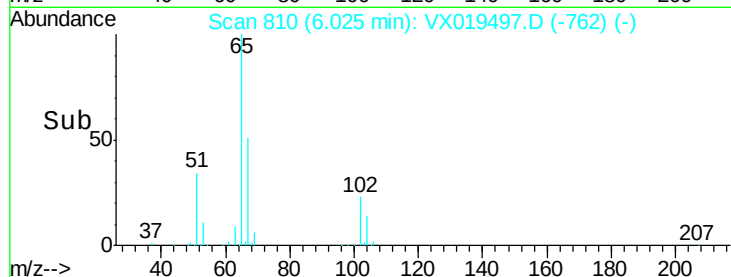
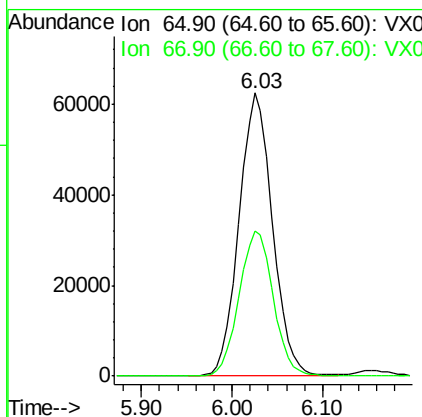
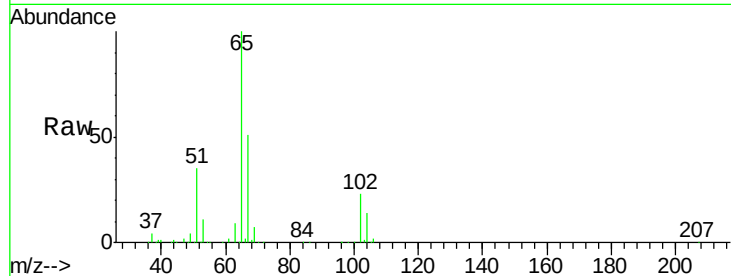
#33
 1,2-Dichloroethane-d4
 Concen: 57.521 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159874		
67	52.5	0.0	105.0	

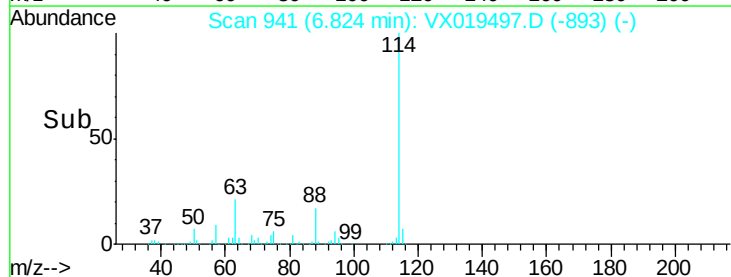
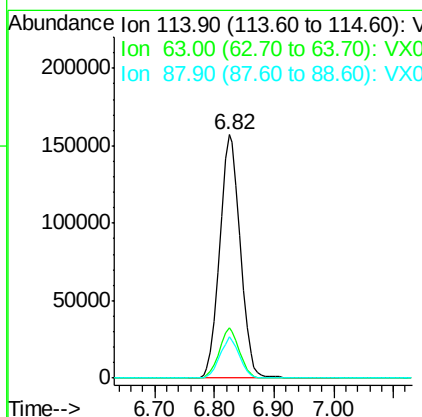
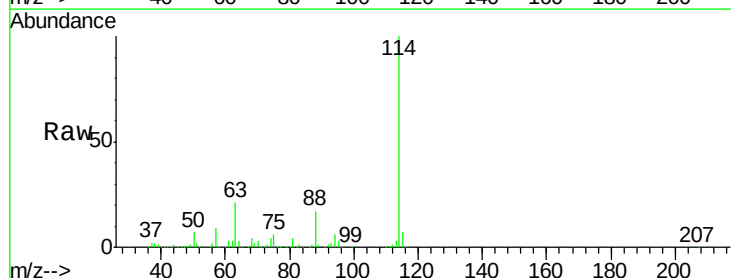
Manual Integrations
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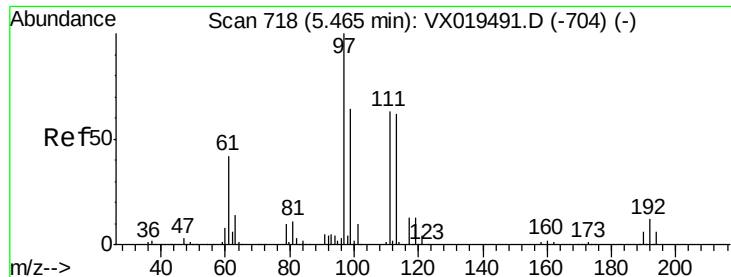
MMDadoda
 11/23/2020 3:50:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377214		
63	20.8	0.0	38.8	
88	16.8	0.0	31.6	





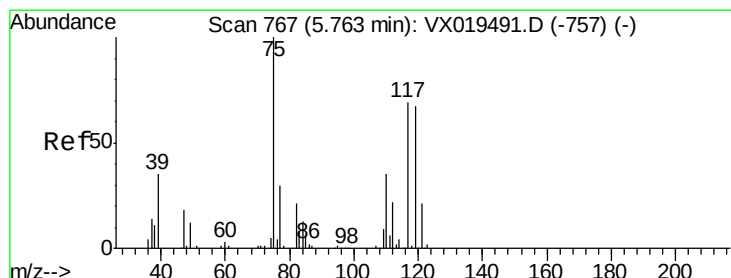
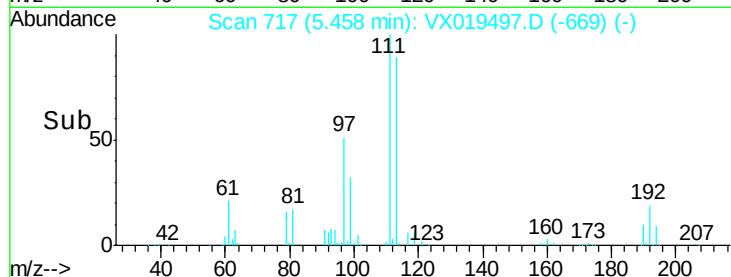
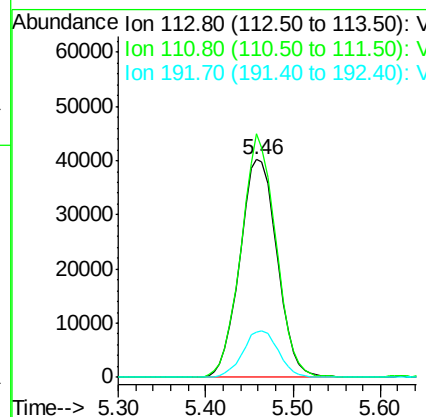
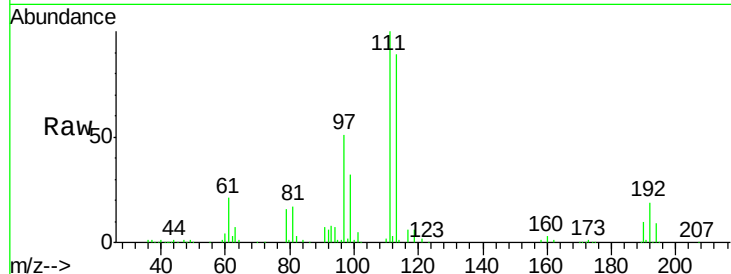
#35
 Dibromofluoromethane
 Concen: 50.520 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119621		
111	104.3	81.5	122.3	
192	20.6	16.2	24.2	

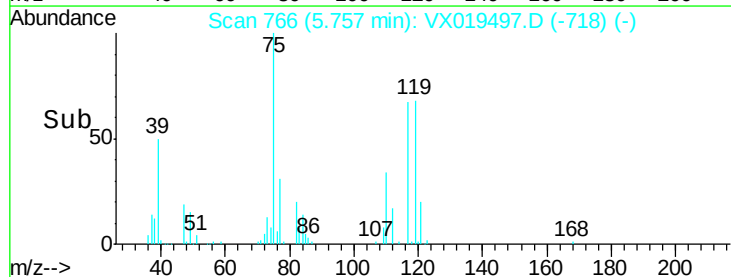
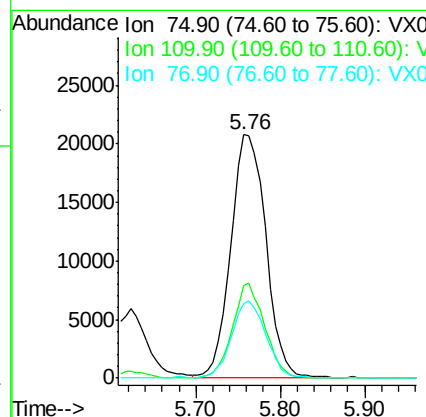
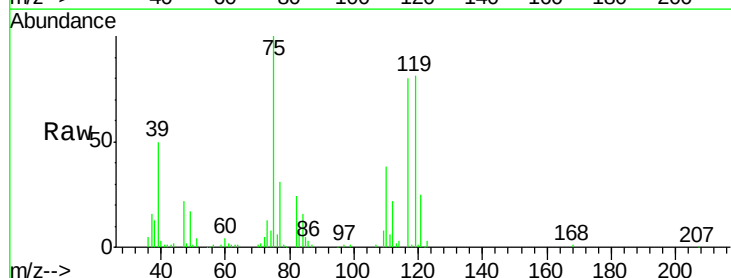
Manual Integrations
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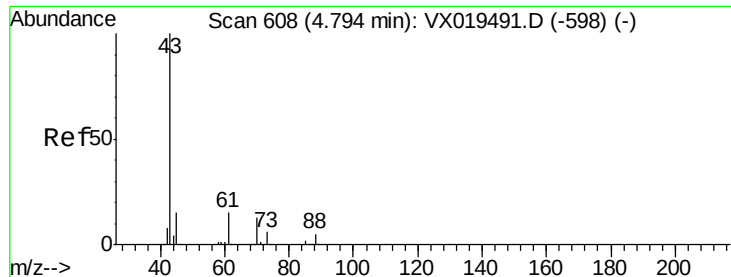
MMDadoda
 11/23/2020 3:50:49 PM



#36
 1,1-Dichloropropene
 Concen: 16.492 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58323		
110	36.0	18.1	54.3	
77	31.3	24.2	36.4	





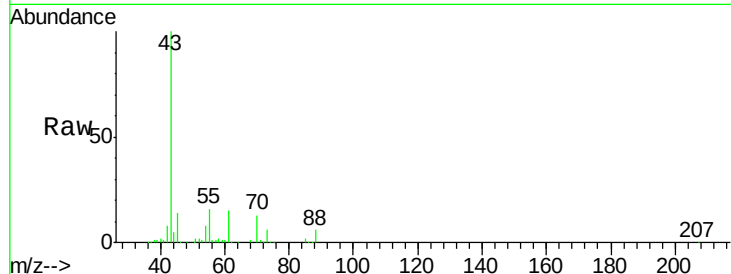
#37
Ethyl Acetate
Concen: 22.344 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.7	19.1
70	12.8	10.2	15.2

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11/23/2020 3:50:49 PM

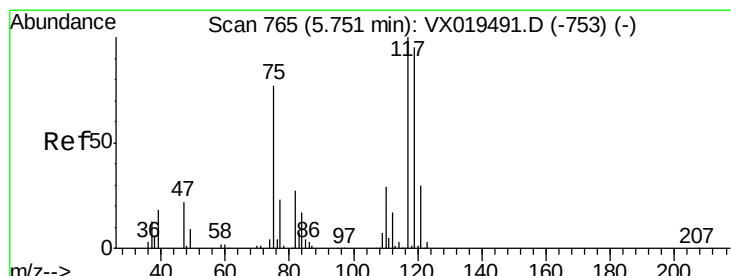
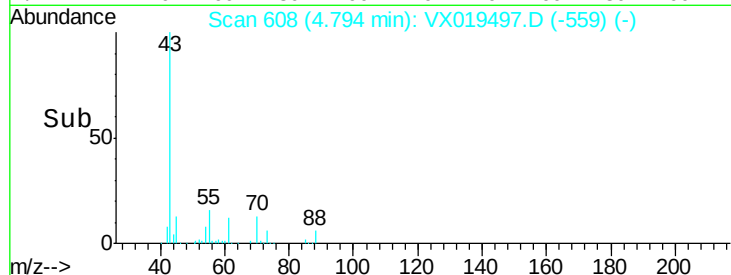
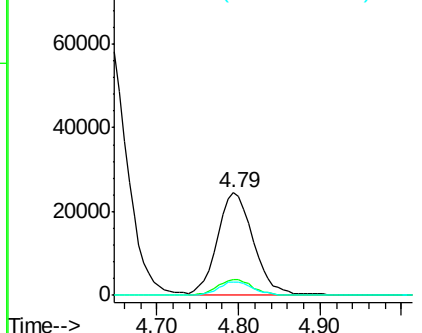


Abundance

Ion 43.00 (42.70 to 43.70): VX019497.D (-559) (-)

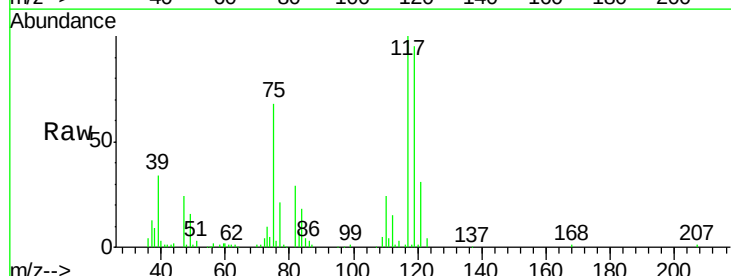
Ion 60.90 (60.60 to 61.60): VX019497.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX019497.D (-559) (-)



#38
Carbon Tetrachloride
Concen: 16.545 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.9	113.9
121	30.6	24.0	36.0

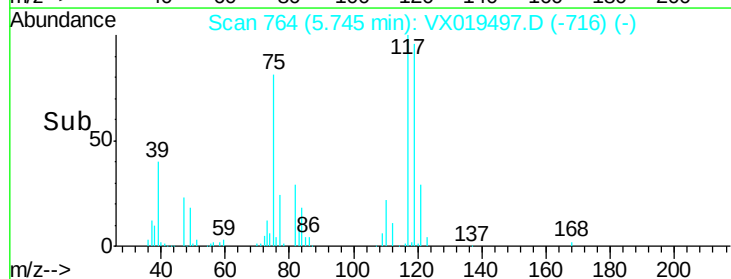
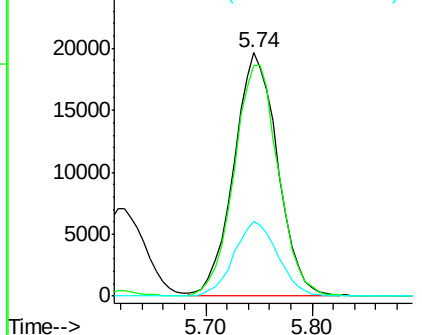


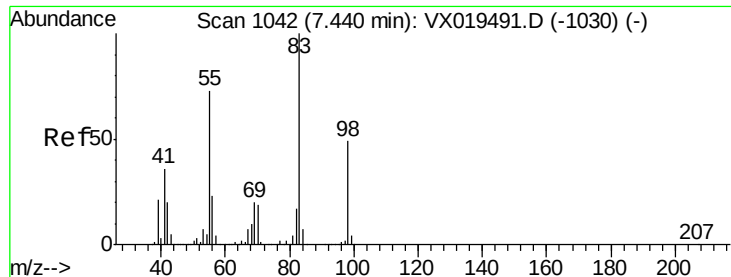
Abundance

Ion 116.80 (116.50 to 117.50): VX019497.D (-716) (-)

Ion 118.80 (118.50 to 119.50): VX019497.D (-716) (-)

Ion 120.80 (120.50 to 121.50): VX019497.D (-716) (-)





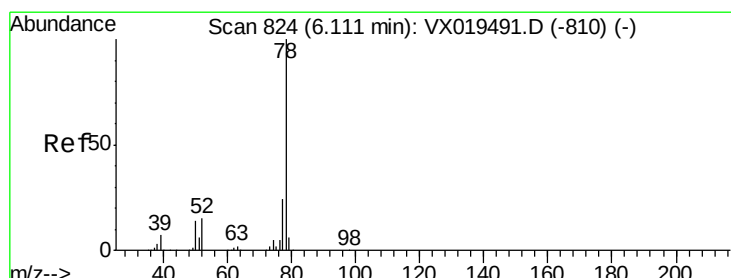
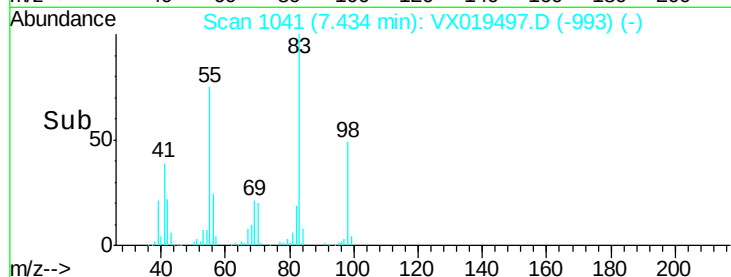
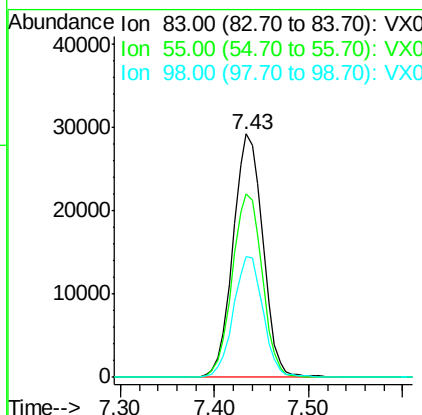
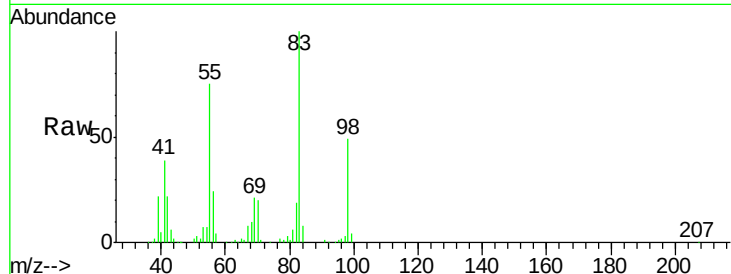
#39
Methylvlcyclohexane
Concen: 15.679 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	64560		
55	75.5		58.3	87.5
98	49.3		38.9	58.3

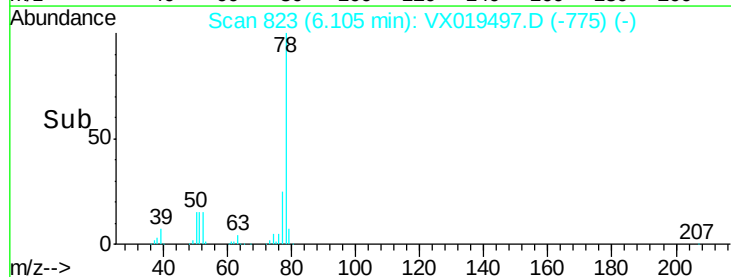
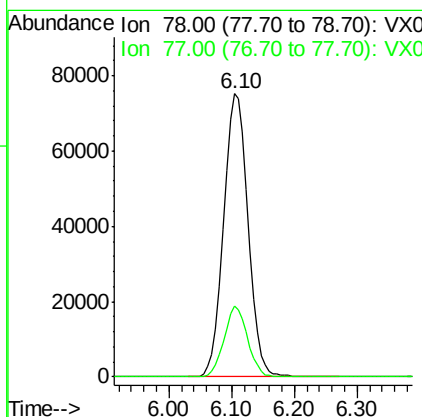
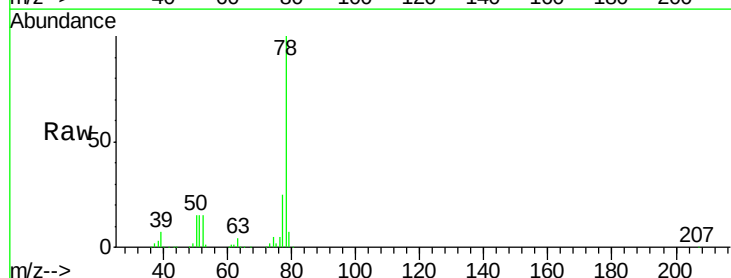
Manual Integrations
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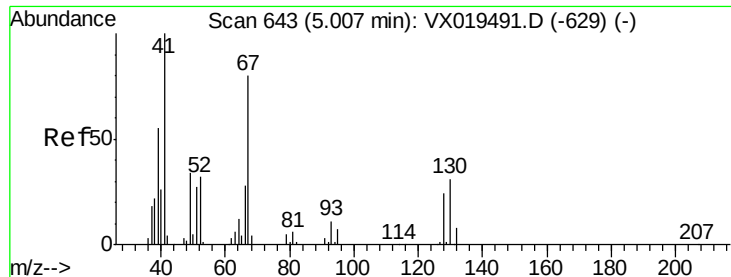
MMDadoda
11/23/2020 3:50:49 PM



#40
Benzene
Concen: 18.653 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	202680		
77	25.1		18.9	28.3





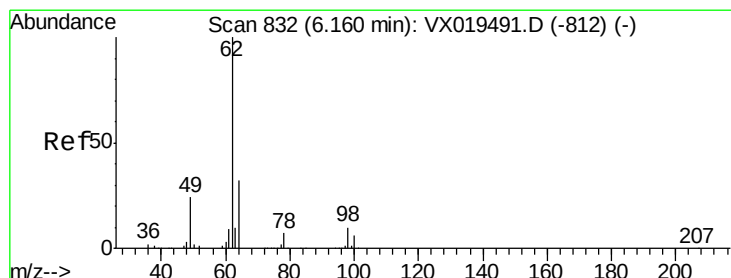
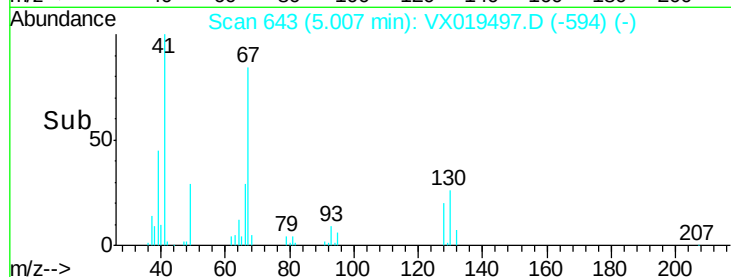
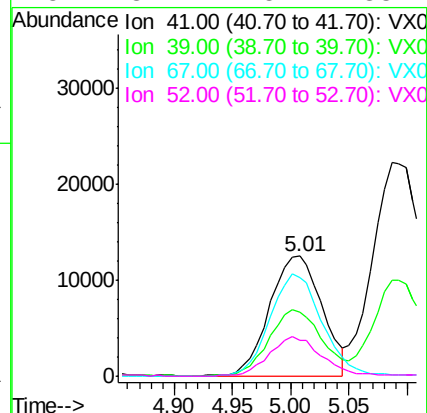
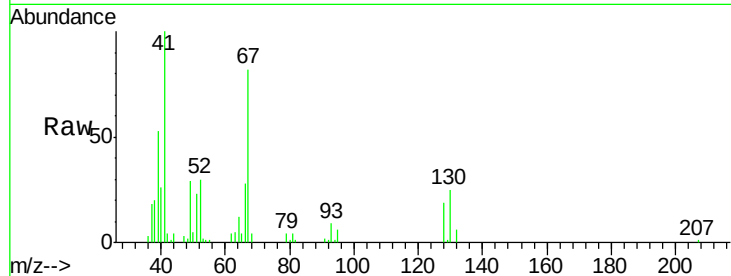
#41
Methacrylonitrile
Concen: 21.109 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	43.3	64.9	
67	86.5	66.0	99.0	
52	34.1	25.4	38.2	

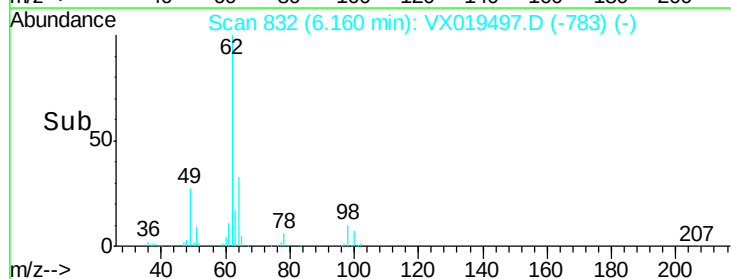
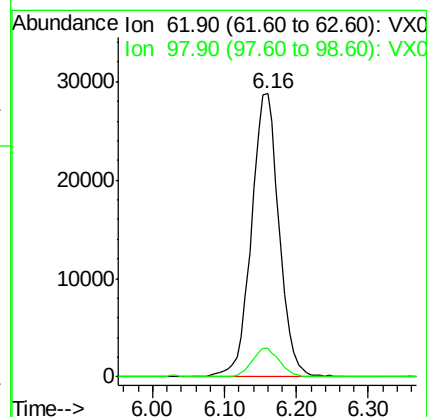
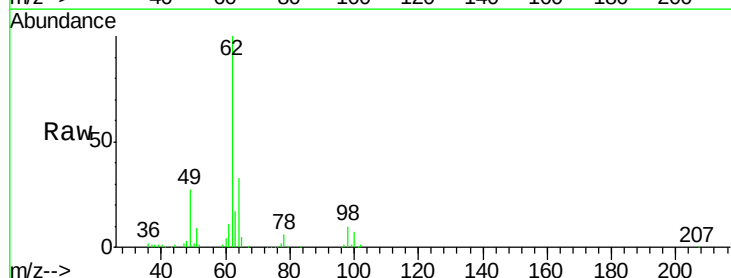
Manual Integrations
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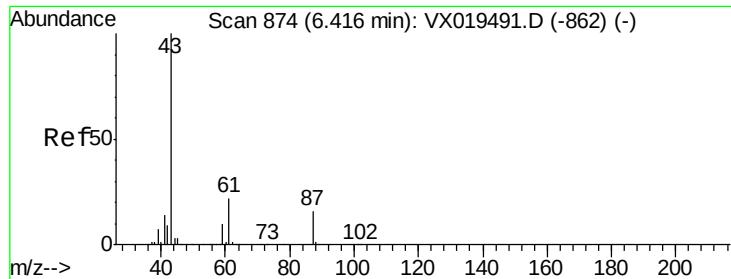
MMDadoda
11/23/2020 3:50:49 PM



#42
1,2-Dichloroethane
Concen: 20.605 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.0	





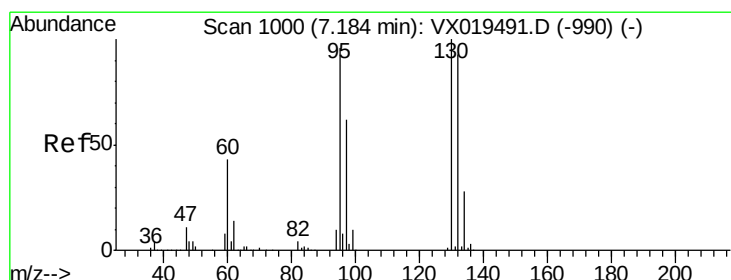
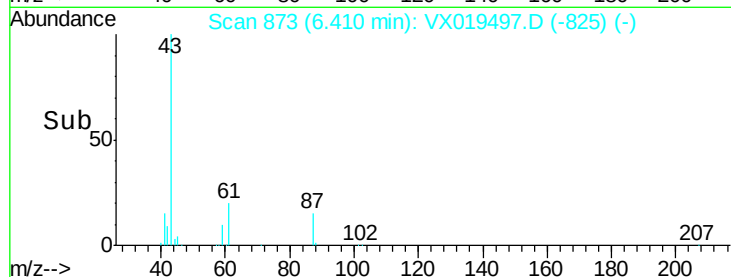
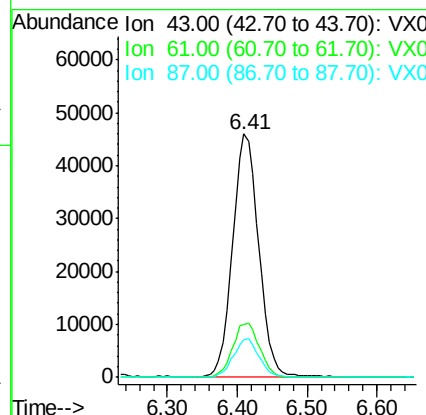
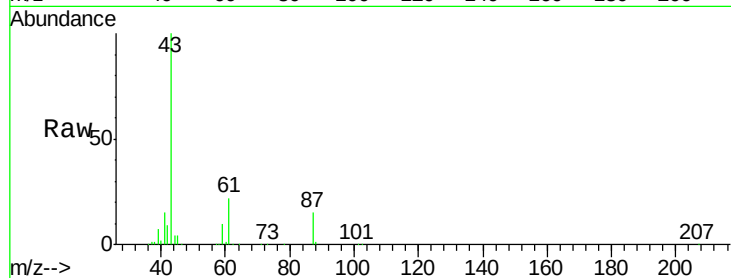
#43
Isopropyl Acetate
Concen: 21.258 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.2	18.2	27.2
87	15.6	12.6	18.8

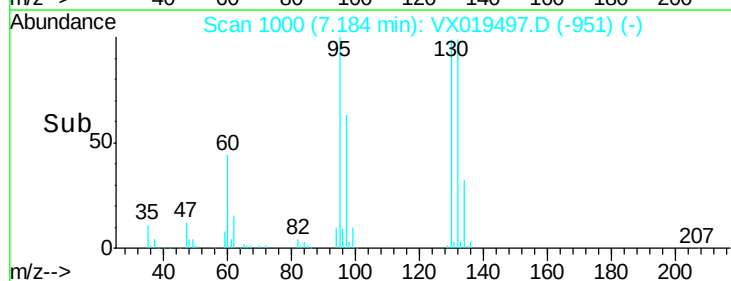
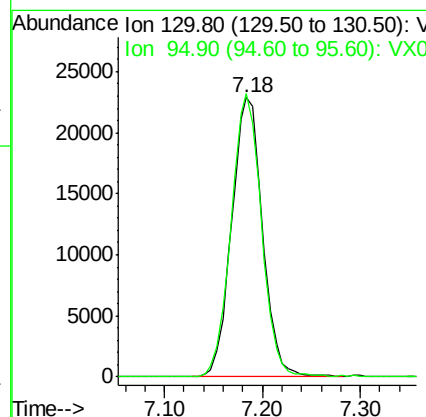
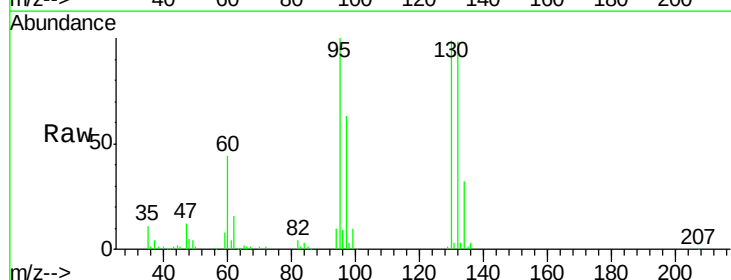
Manual Integrations
APPROVED

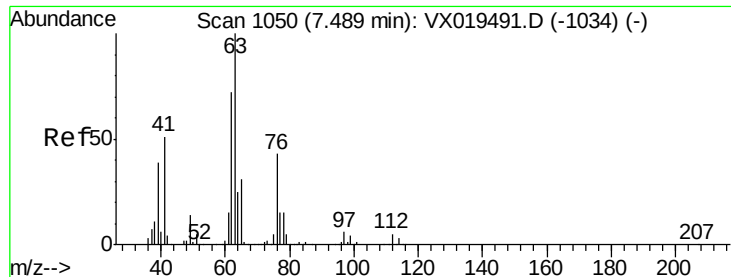
MMDadoda
11/23/2020 3:50:49 PM



#44
Trichloroethene
Concen: 17.554 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	191.2





#45

1,2-Dichloropropane

Concen: 20.064 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 63 Resp: 53668

Ion Ratio Lower Upper

63 100

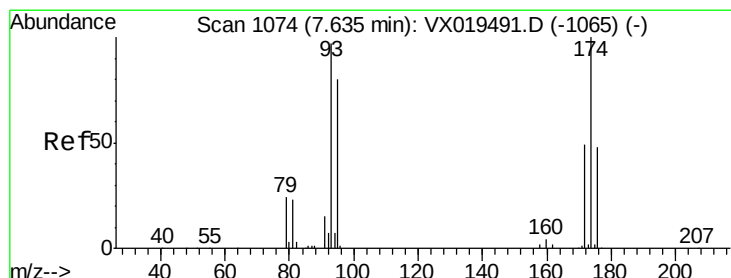
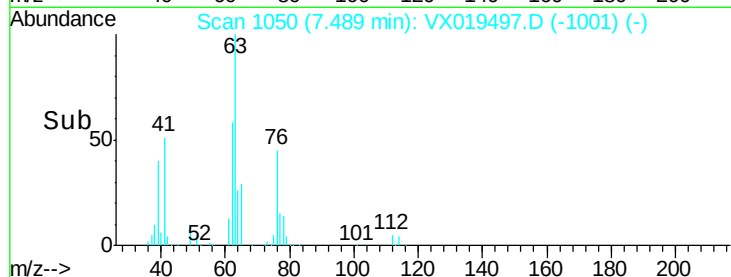
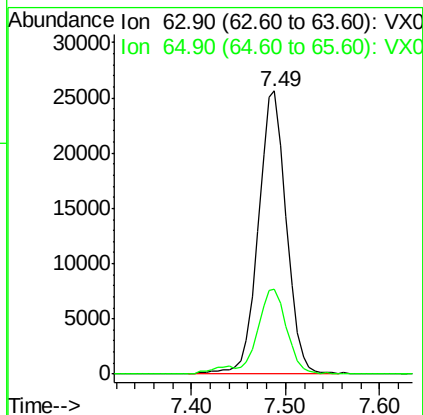
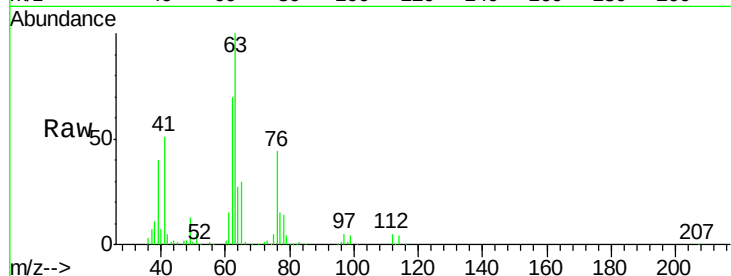
65 30.0 25.0 37.4

Manual Integrations

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11/23/2020 3:50:49 PM



#46

Dibromomethane

Concen: 20.857 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

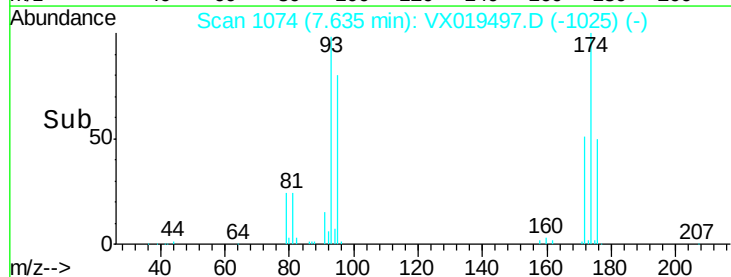
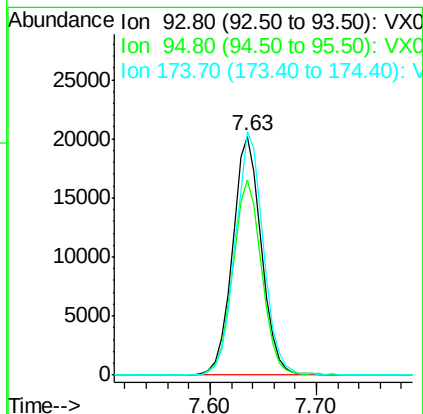
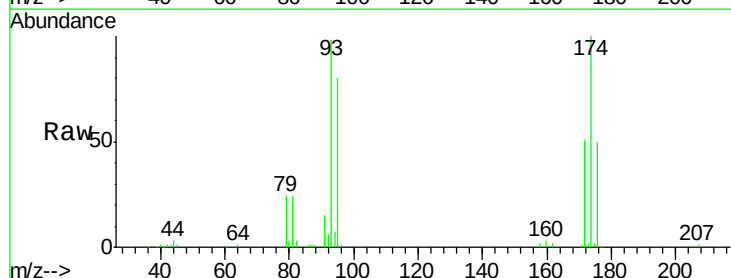
Tgt Ion: 93 Resp: 38185

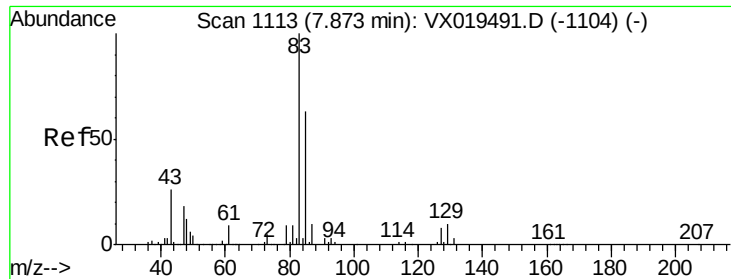
Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

174 100.3 83.0 124.4





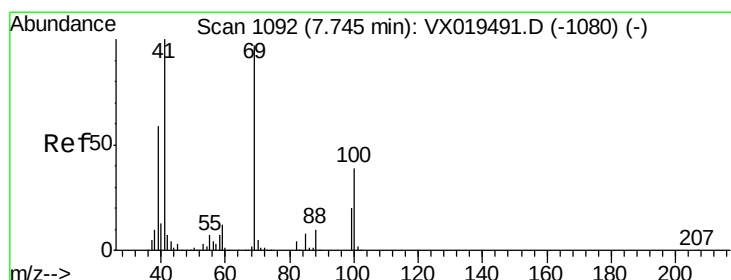
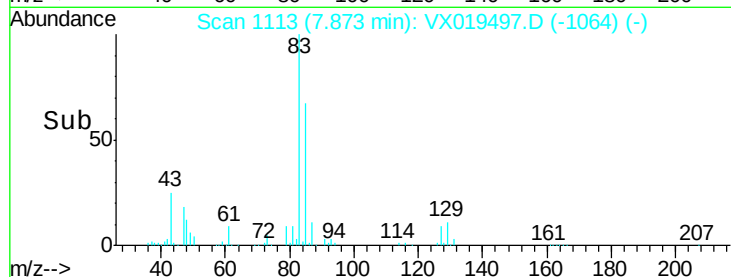
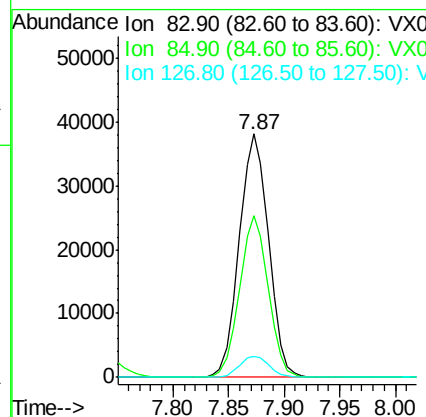
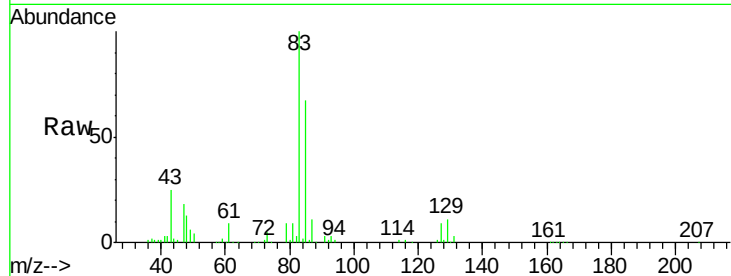
#47
Bromodichloromethane
Concen: 19.605 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	83	Resp	69646
Ion Ratio	100	Lower	Upper
83	100		
85	66.6	50.2	75.2
127	8.7	6.4	9.6

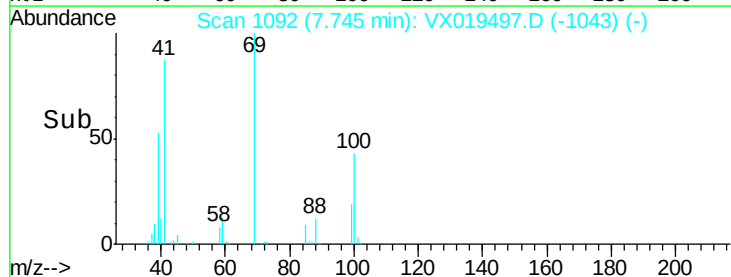
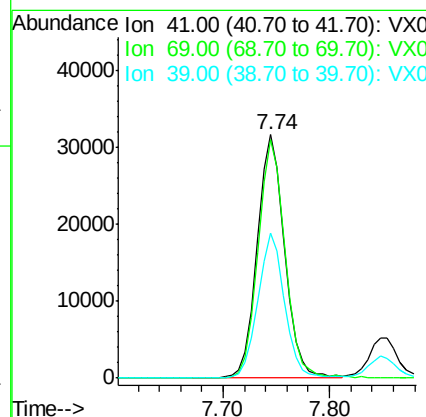
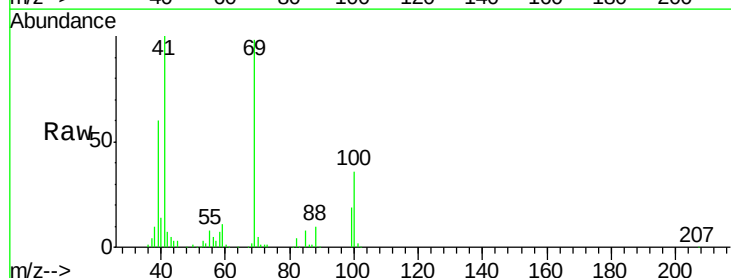
Manual Integrations
APPROVED

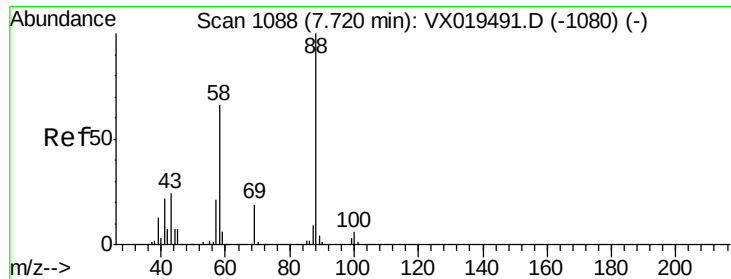
MMDadoda
11/23/2020 3:50:49 PM



#48
Methyl methacrylate
Concen: 21.780 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	41	Resp	56924
Ion Ratio	100	Lower	Upper
41	100		
69	97.2	77.0	115.6
39	58.4	45.6	68.4





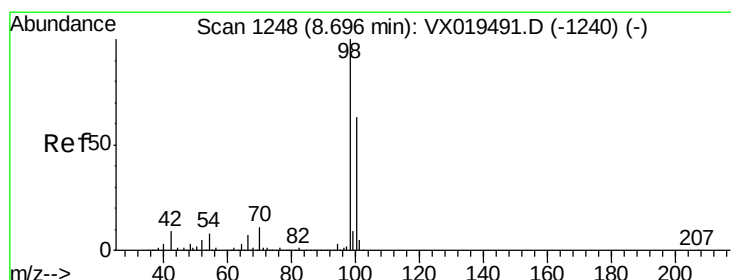
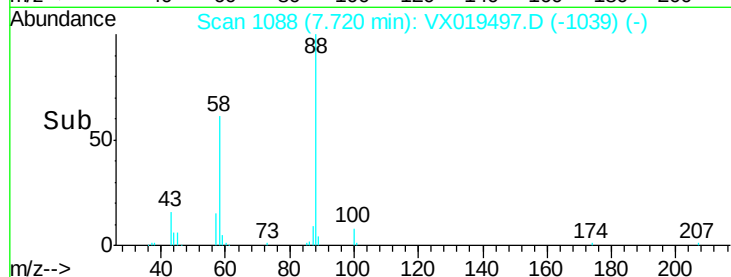
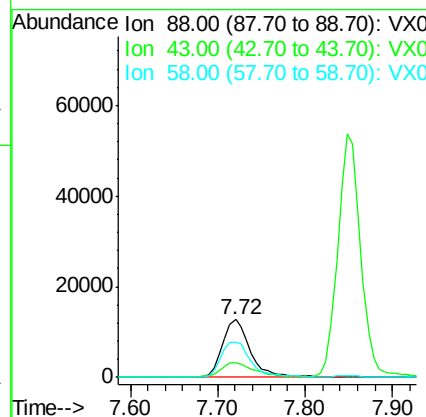
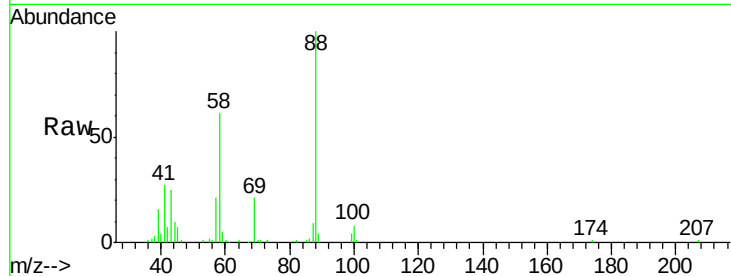
#49
1,4-Dioxane
Concen: 478.686 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.8	35.6
58	66.3	54.2	81.2

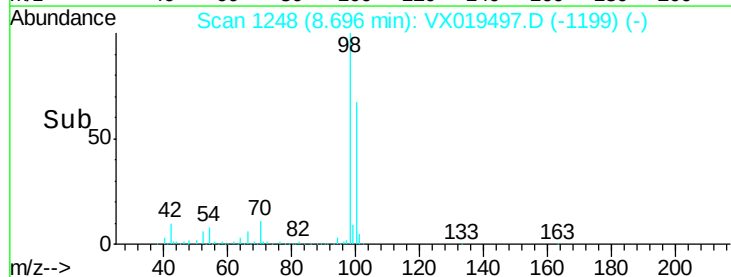
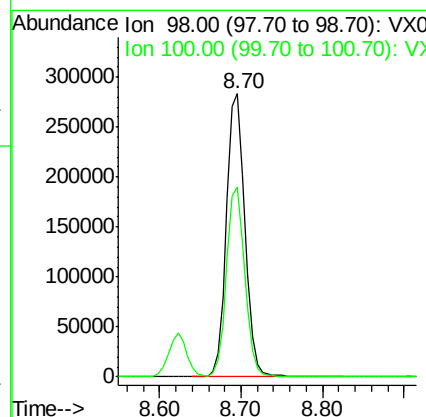
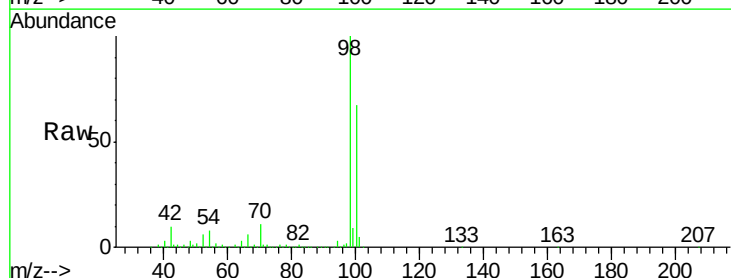
Manual Integrations
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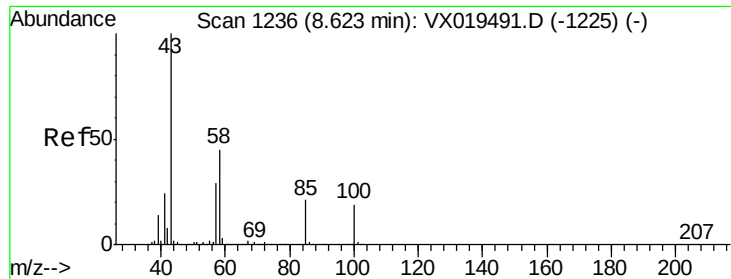
MMDadoda
11/23/2020 3:50:49 PM



#50
Toluene-d8
Concen: 48.350 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.4	78.6





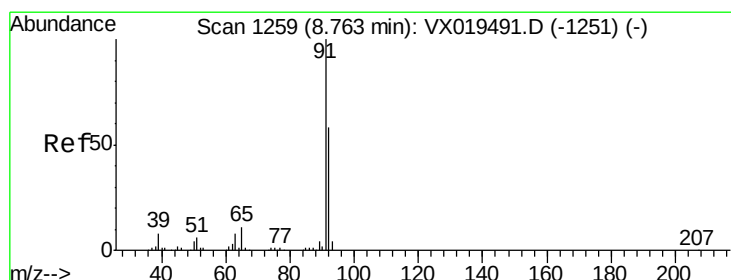
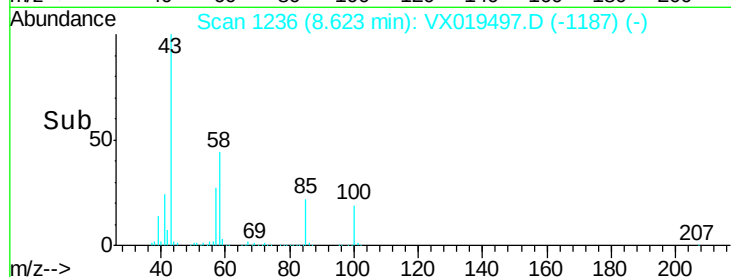
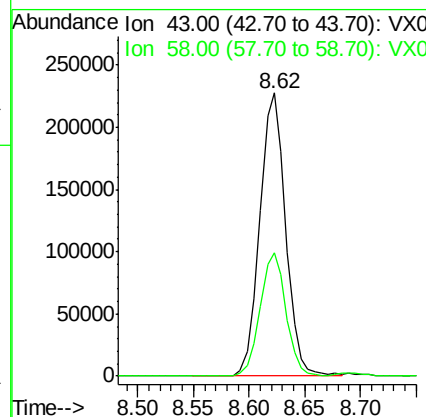
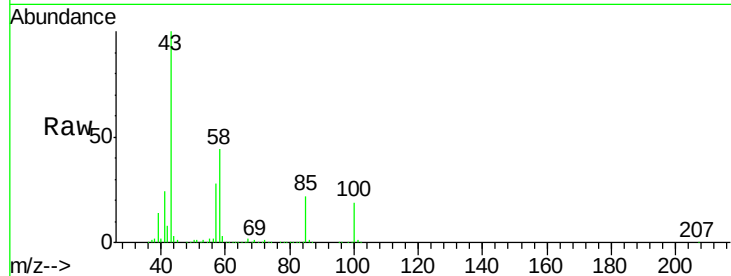
#51
4-Methyl-2-Pentanone
Concen: 113.037 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion: 43 Resp: 367862
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7

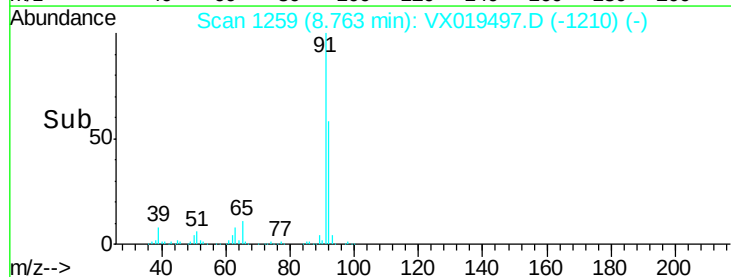
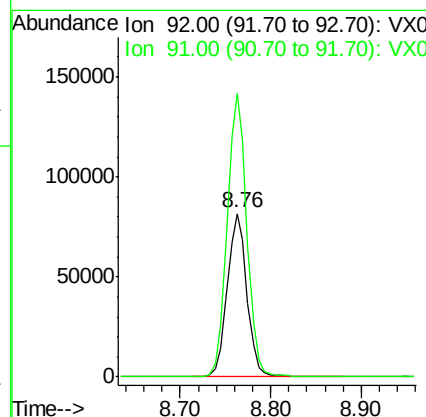
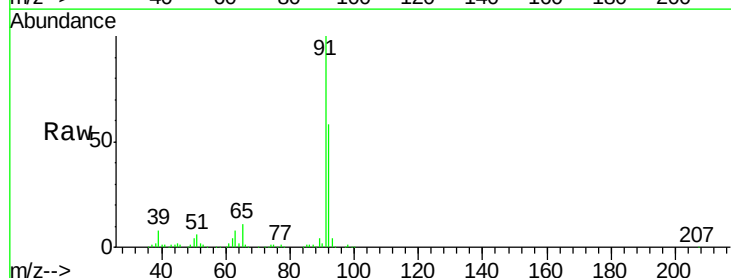
Manual Integrations
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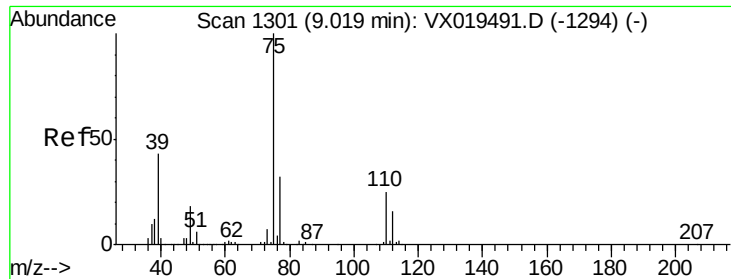
MMDadoda
11/23/2020 3:50:49 PM



#52
Toluene
Concen: 18.671 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion: 92 Resp: 124106
Ion Ratio Lower Upper
92 100
91 173.9 138.1 207.1





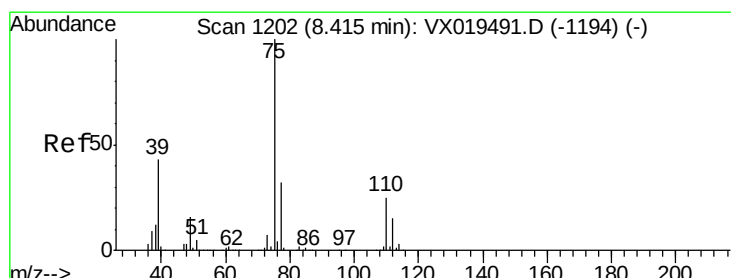
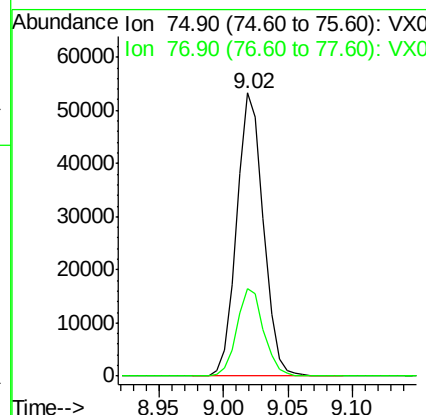
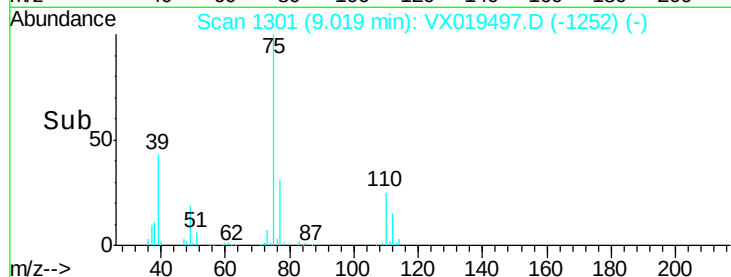
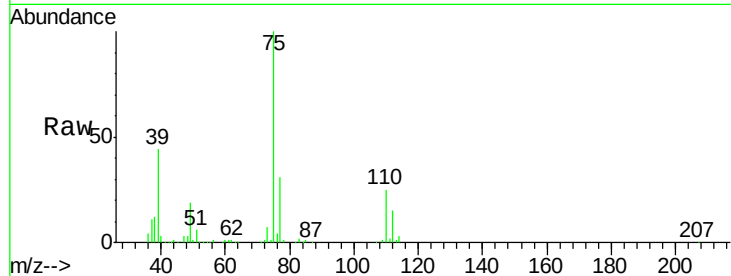
#53
t-1,3-Dichloropropene
Concen: 20.046 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion: 75 Resp: 76912
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9

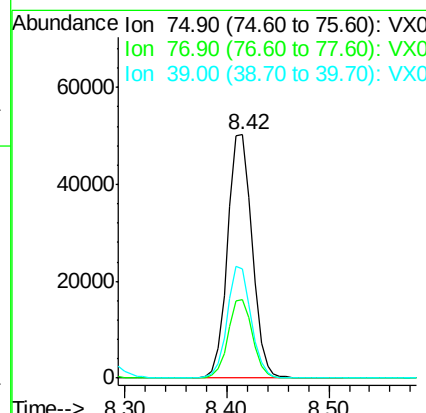
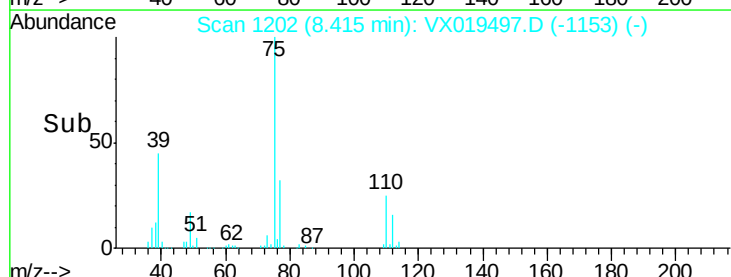
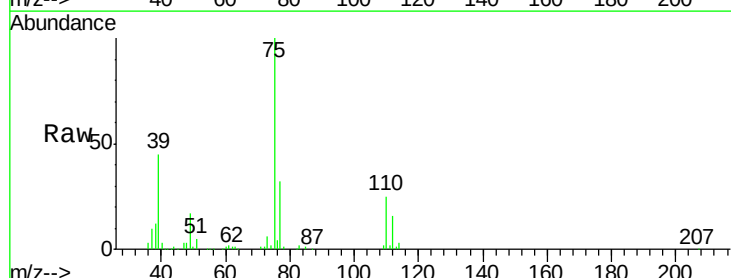
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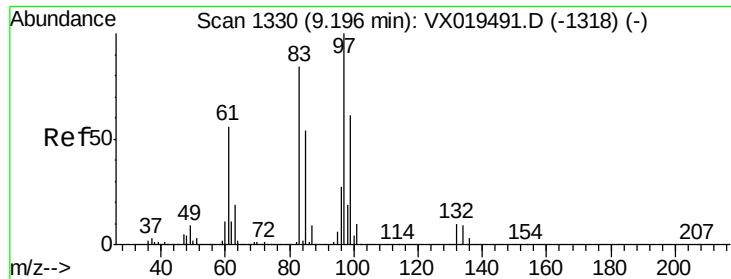
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11/23/2020 3:50:49 PM



#54
cis-1,3-Dichloropropene
Concen: 19.748 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion: 75 Resp: 84084
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
39 44.8 34.6 51.8





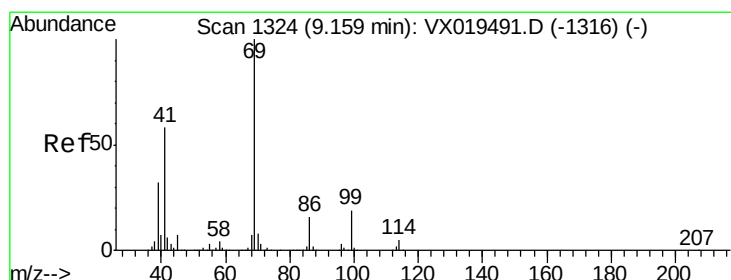
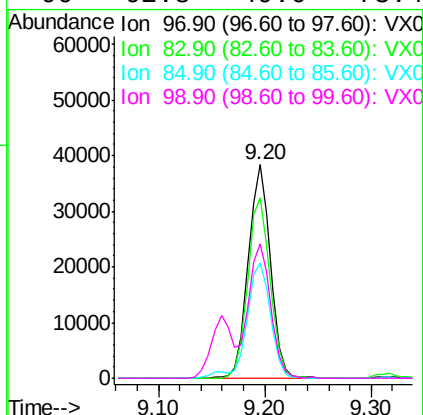
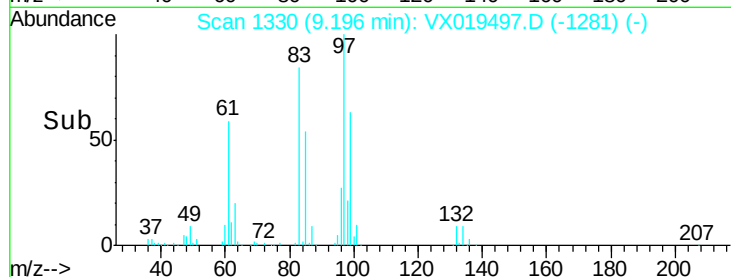
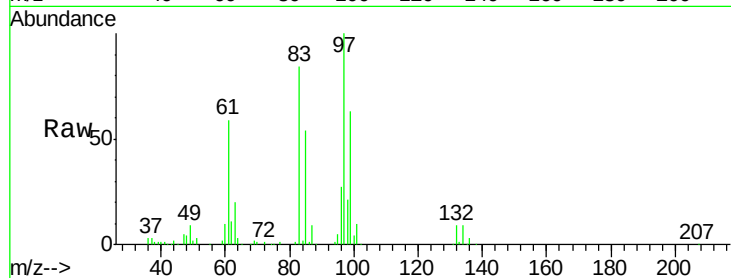
#55
 1,1,2-Trichloroethane
 Concen: 20.774 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		56238		
83	84.4	67.0	100.6		
85	54.1	43.4	65.0		
99	62.8	49.0	73.4		

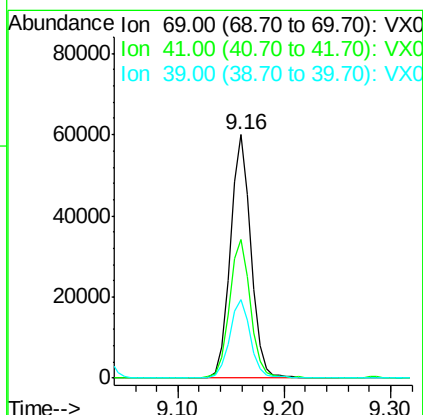
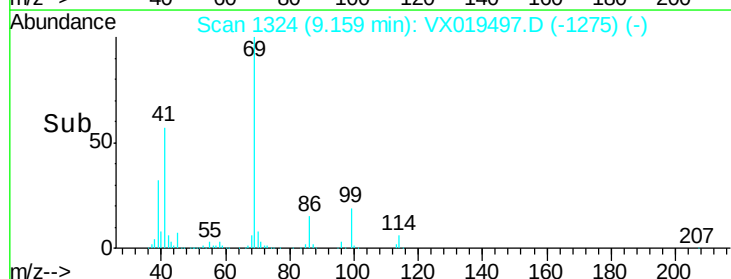
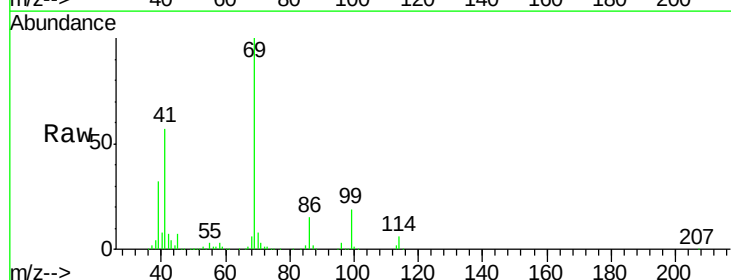
Manual Integrations
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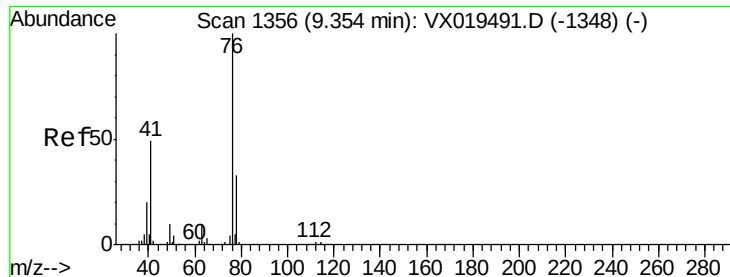
MMDadoda
 11/23/2020 3:50:49 PM



#56
 Ethyl methacrylate
 Concen: 21.265 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		81457		
41	58.0	46.2	69.2		
39	32.3	25.5	38.3		





#57

1,3-Dichloropropane

Concen: 20.900 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 76 Resp: 94722

Ion Ratio Lower Upper

76 100

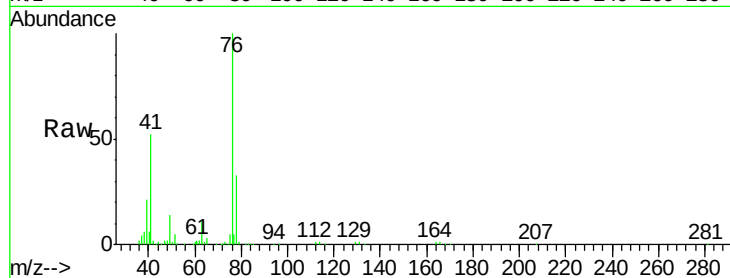
78 32.6 25.7 38.5

Manual Integrations

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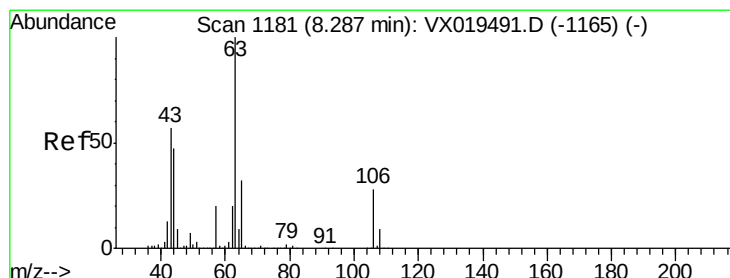
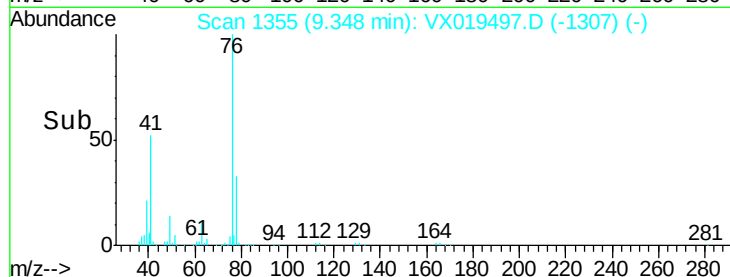
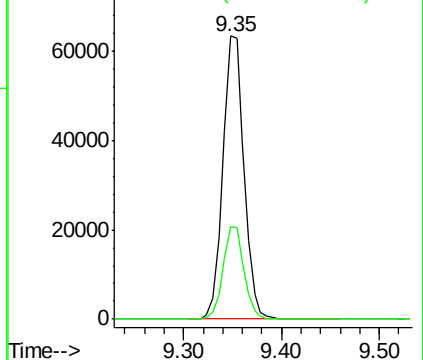
MMDadoda

11/23/2020 3:50:49 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.266 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019497.D

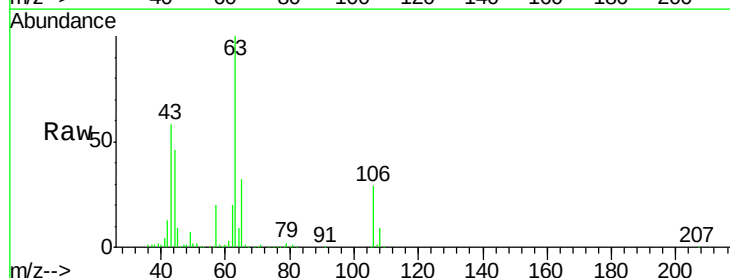
Acq: 20 Nov 2020 15:52

Tgt Ion: 63 Resp: 227295

Ion Ratio Lower Upper

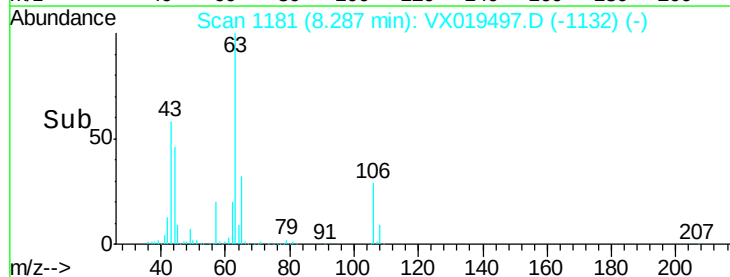
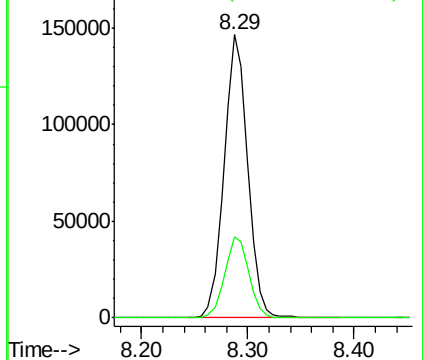
63 100

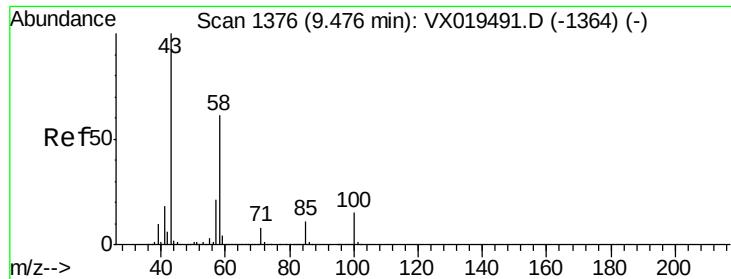
106 29.4 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





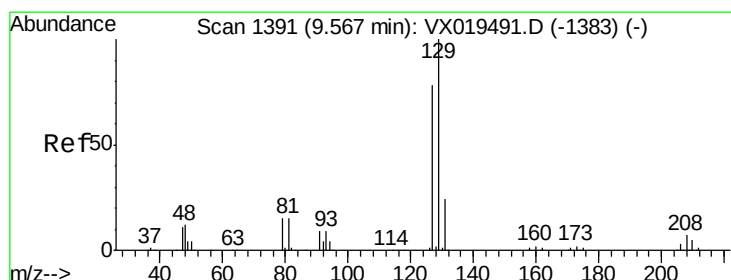
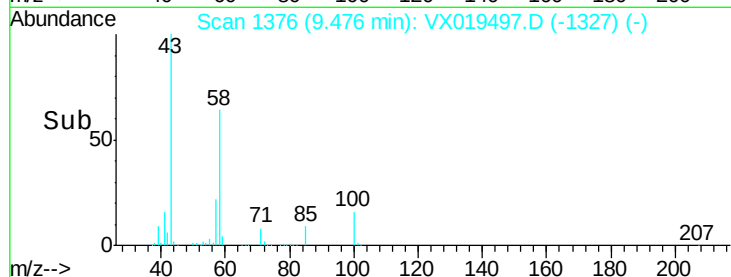
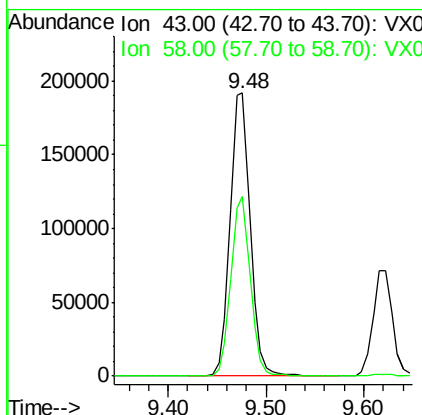
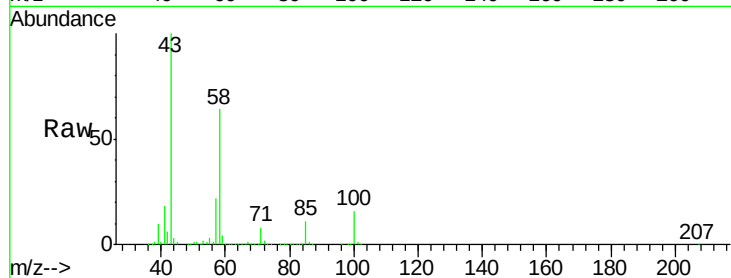
#59
2-Hexanone
Concen: 110.900 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.9	30.6	91.6

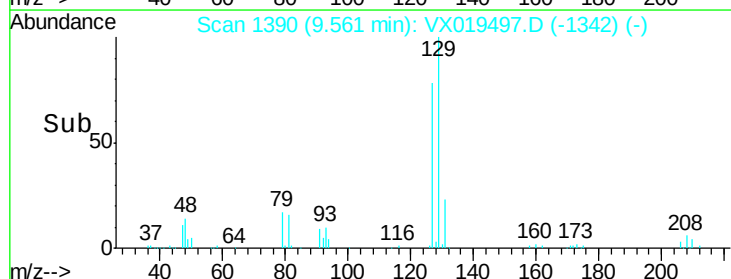
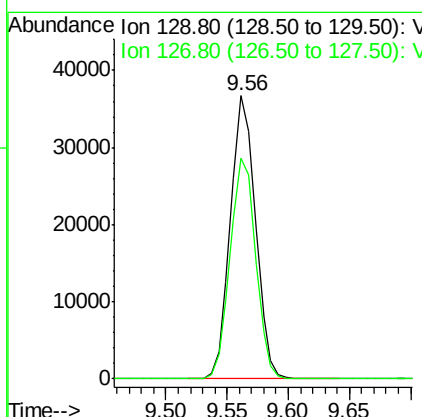
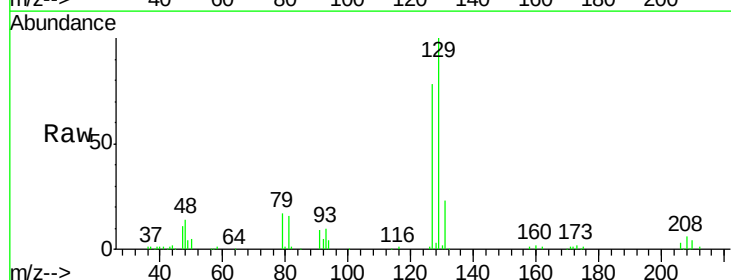
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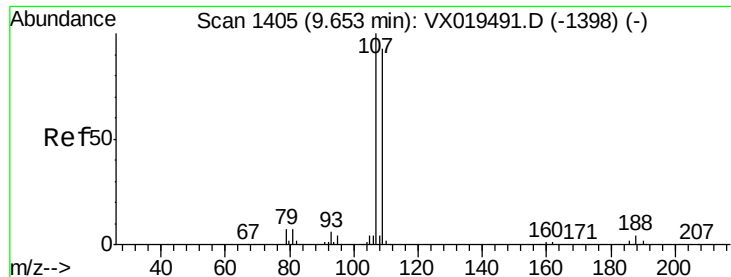
MMDadoda
11/23/2020 3:50:49 PM



#60
Dibromochloromethane
Concen: 19.638 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.0	116.9





#61

1,2-Dibromoethane

Concen: 20.967 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:107 Resp: 58507

Ion Ratio Lower Upper

107 100

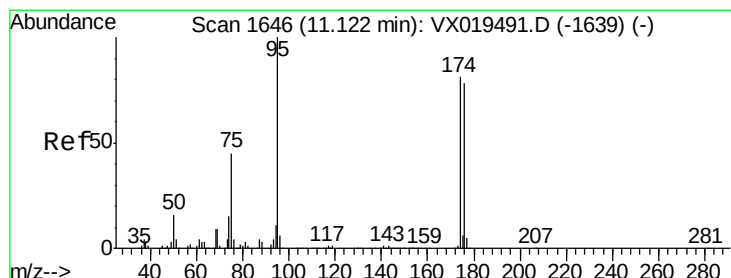
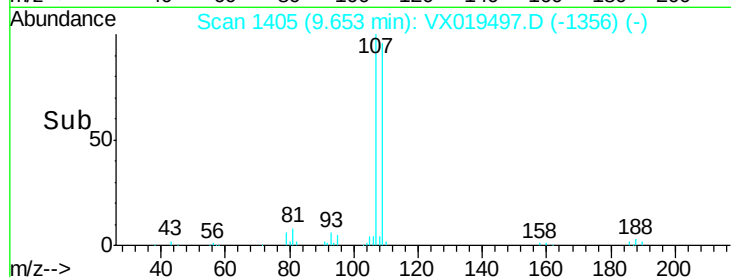
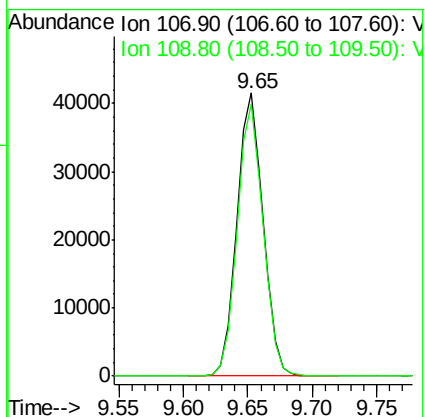
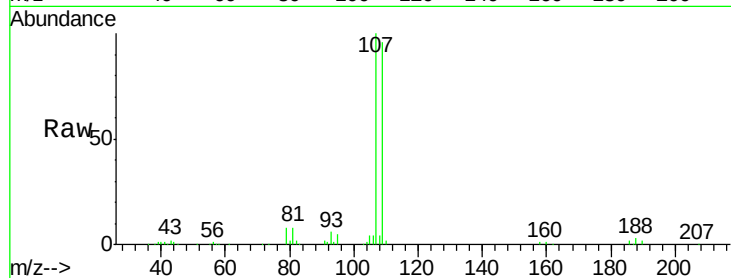
109 95.3 74.8 112.2

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11/23/2020 3:50:49 PM



#62

4-Bromofluorobenzene

Concen: 49.988 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

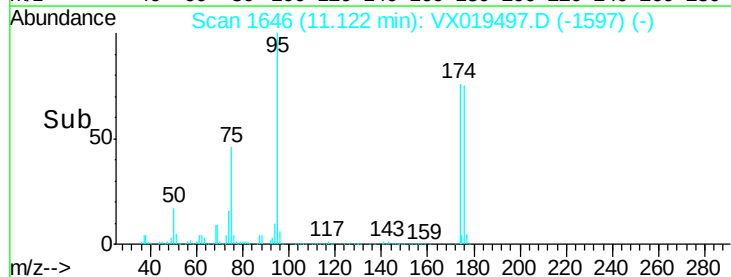
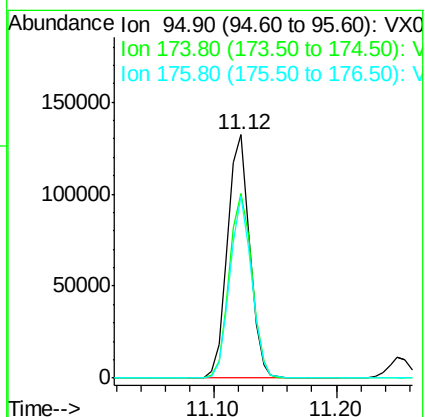
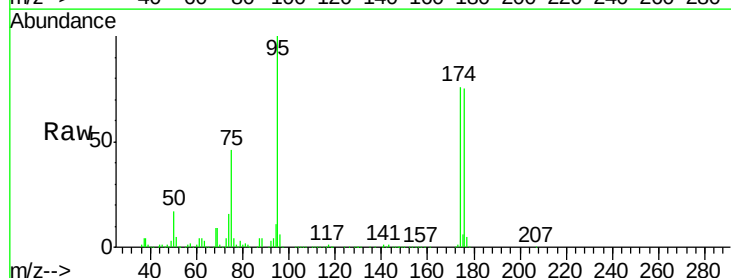
Tgt Ion: 95 Resp: 165479

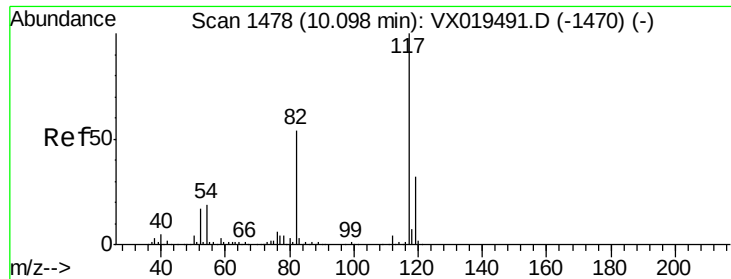
Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

176 73.1 0.0 151.4





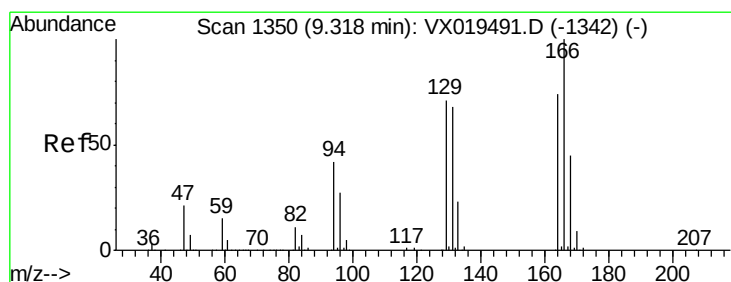
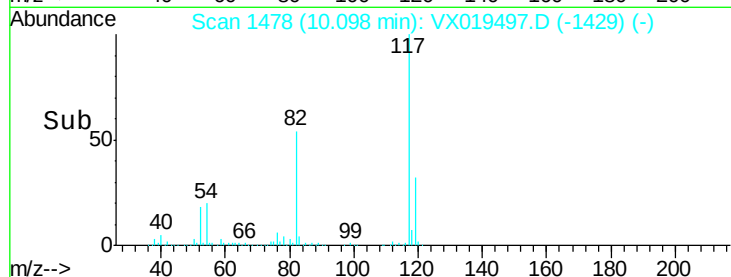
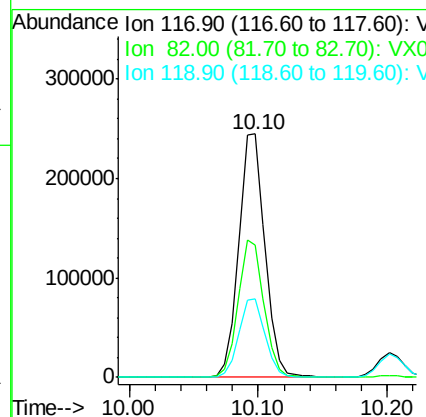
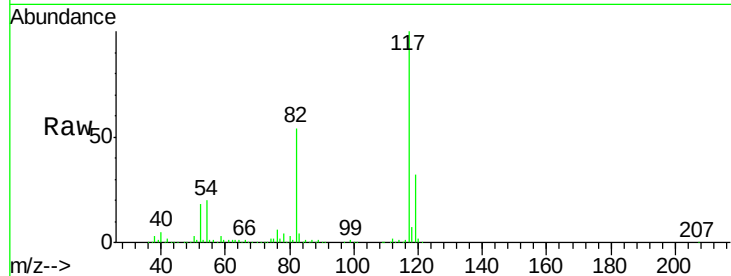
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	346057		
82	54.2	43.0	64.4	
119	32.1	25.6	38.4	

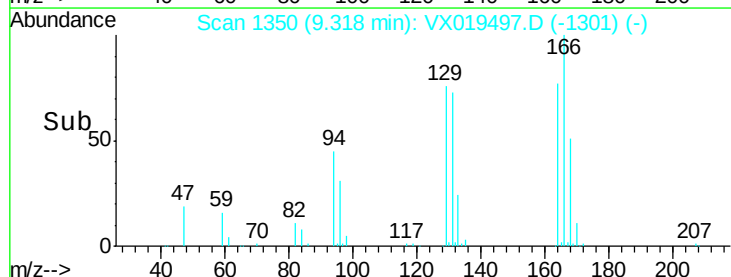
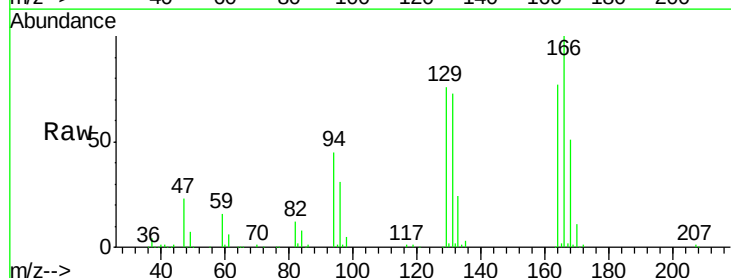
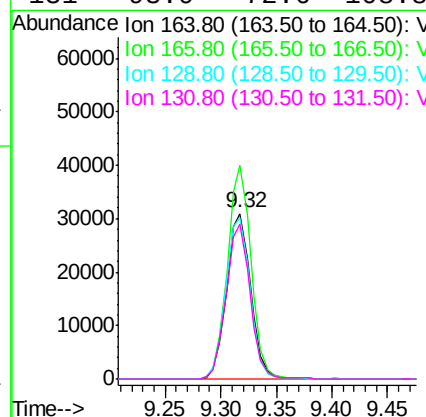
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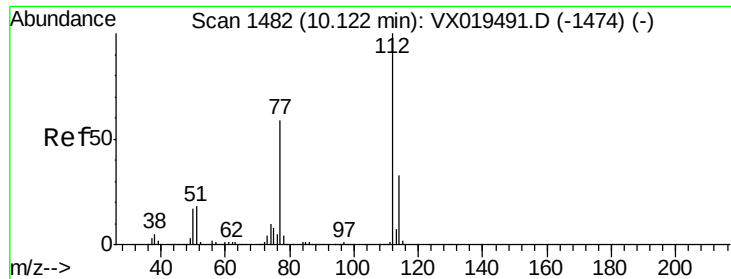
MMDadoda
11/23/2020 3:50:49 PM



#64
Tetrachloroethene
Concen: 17.068 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46429		
166	129.3	107.4	161.0	
129	97.9	76.6	114.8	
131	93.9	72.6	108.8	





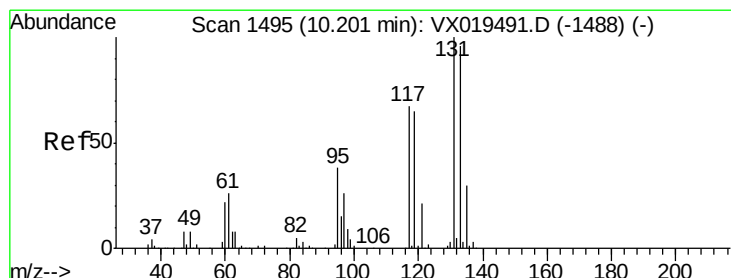
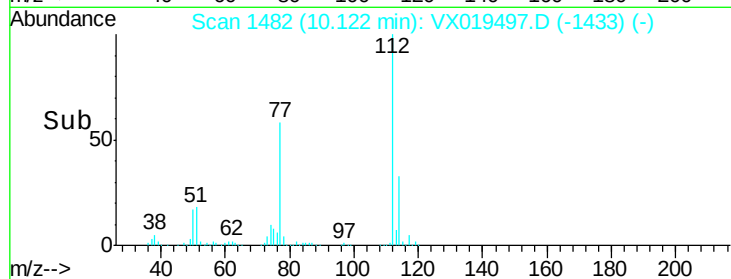
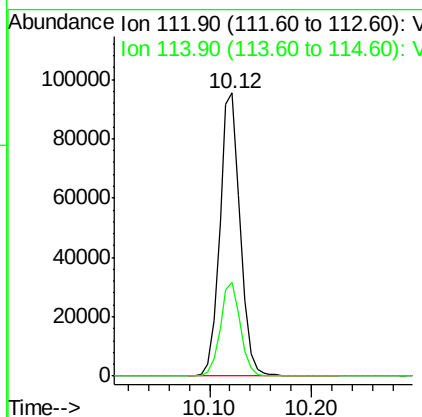
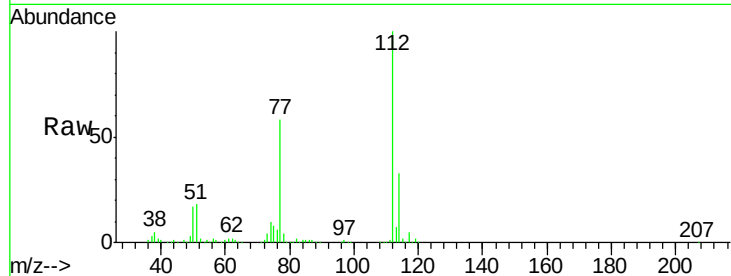
#65
Chlorobenzene
Concen: 18.589 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.0	39.0

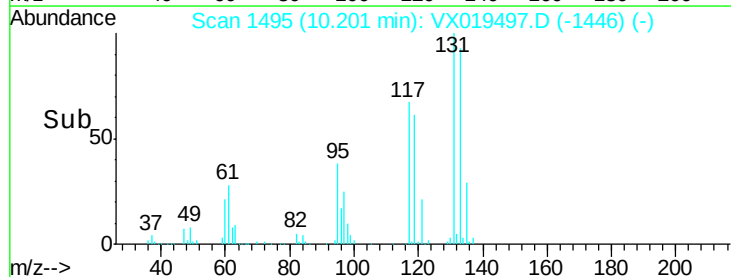
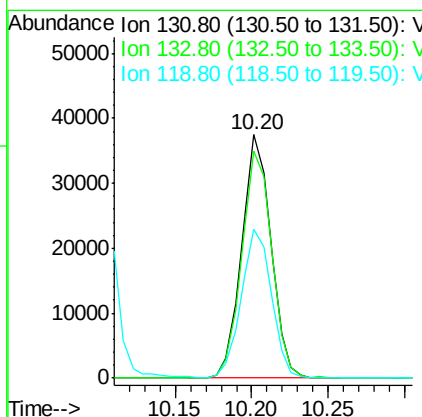
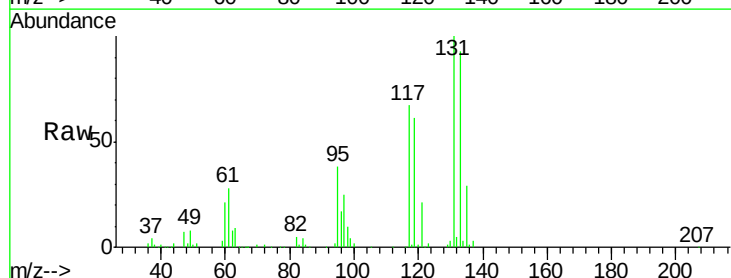
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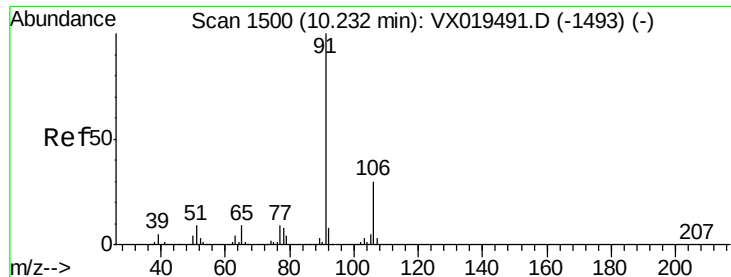
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.186 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.5	145.5
119	63.6	33.0	99.0





#67

Ethyl Benzene

Concen: 17.954 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 91 Resp: 223785

Ion Ratio Lower Upper

91 100

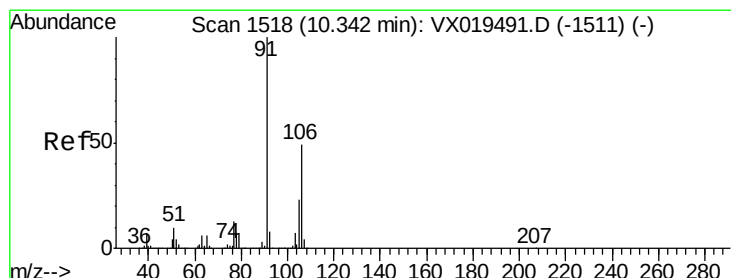
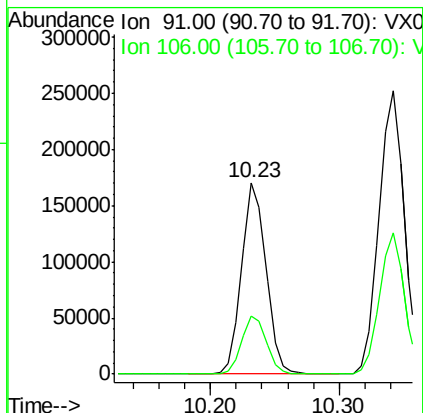
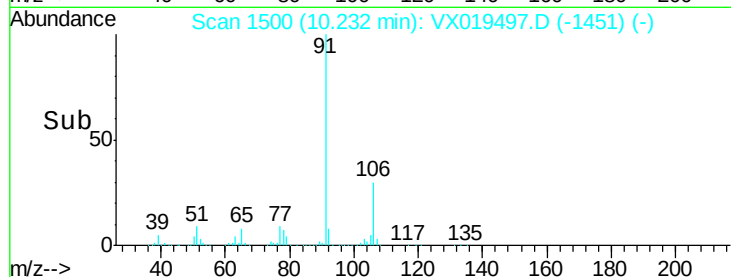
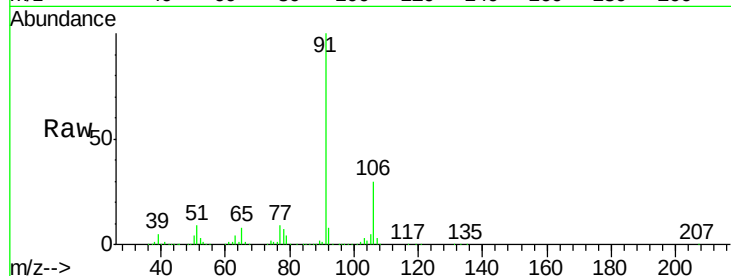
106 30.0 24.0 36.0

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11/23/2020 3:50:49 PM



#68

m/p-Xylenes

Concen: 36.258 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019497.D

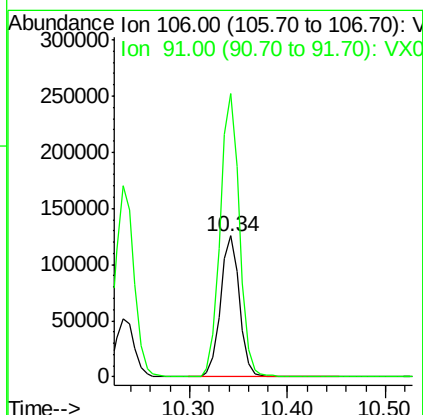
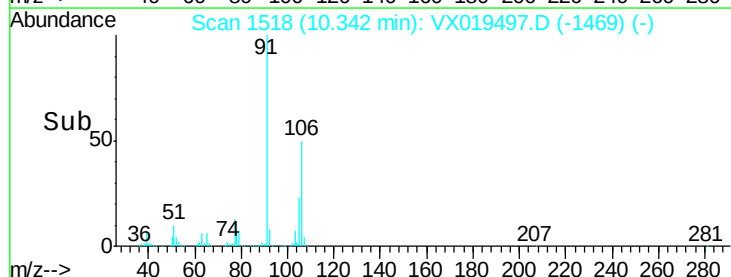
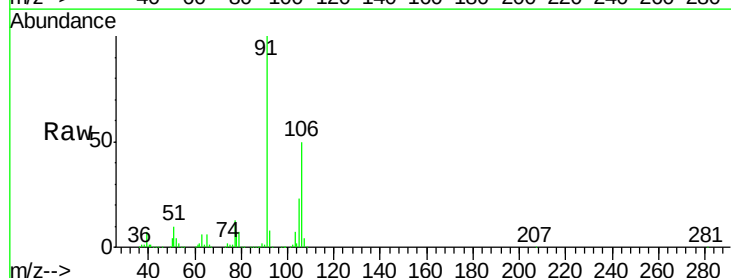
Acq: 20 Nov 2020 15:52

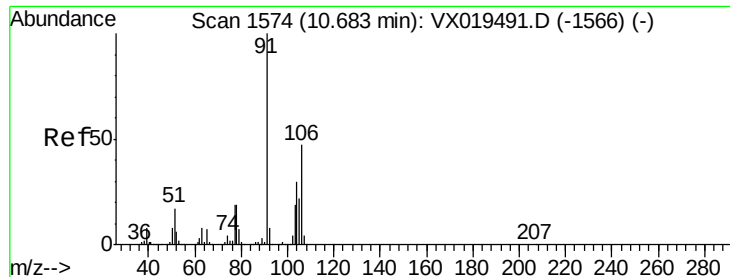
Tgt Ion: 106 Resp: 168375

Ion Ratio Lower Upper

106 100

91 204.0 163.3 244.9





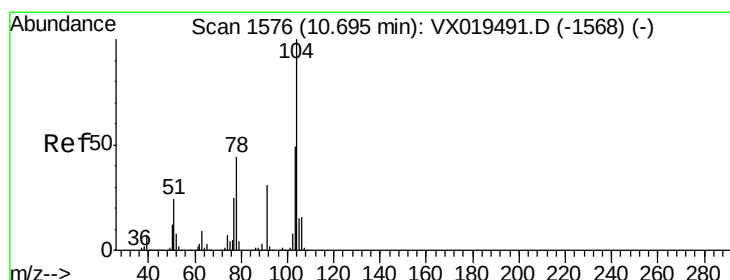
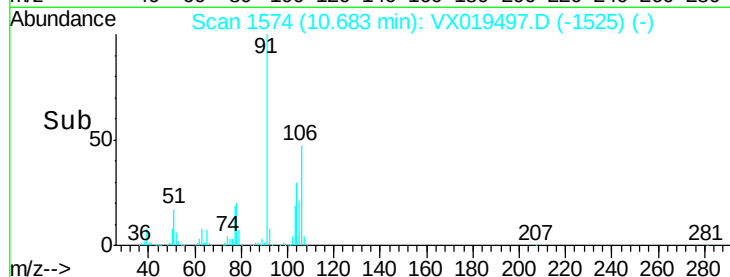
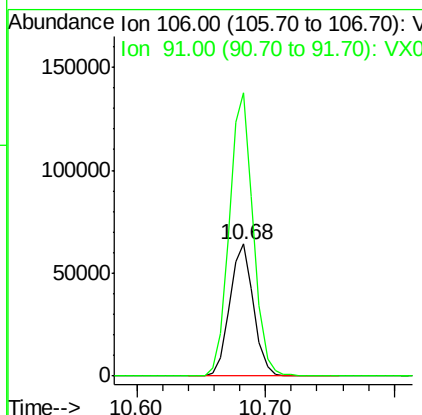
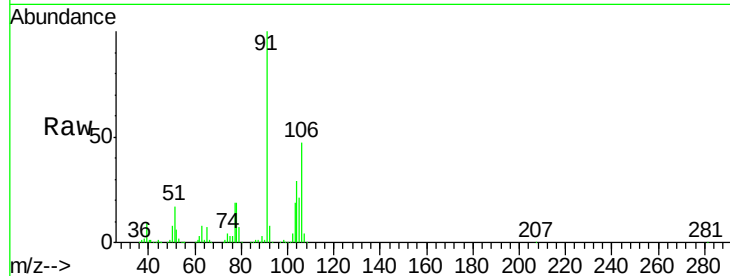
#69
o-Xylene
Concen: 18.714 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion:106 Resp: 83073
Ion Ratio Lower Upper
106 100
91 215.4 108.0 324.0

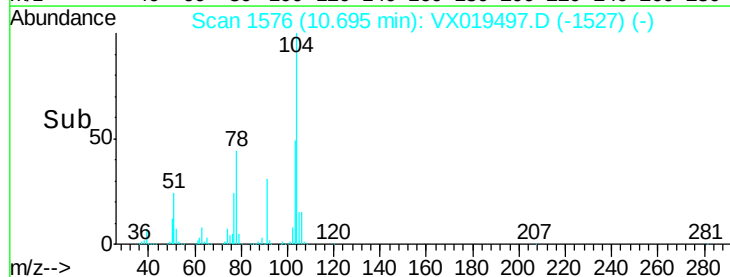
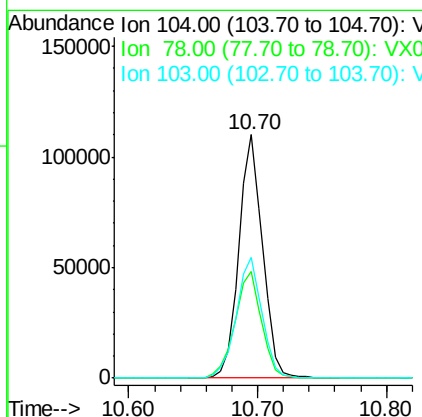
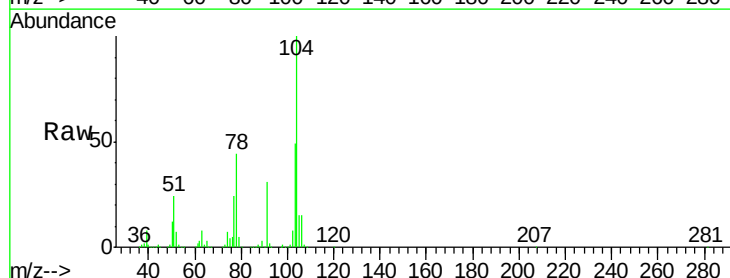
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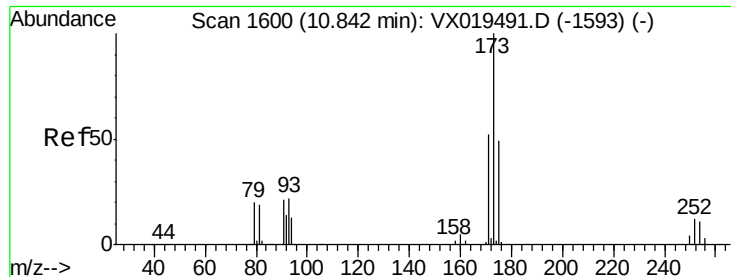
MMDadoda
11/23/2020 3:50:49 PM



#70
Styrene
Concen: 18.106 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion:104 Resp: 139855
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.2 43.6 65.4





#71

Bromoform

Concen: 19.103 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:173 Resp: 36620

Ion Ratio Lower Upper

173 100

175 51.0 24.9 74.8

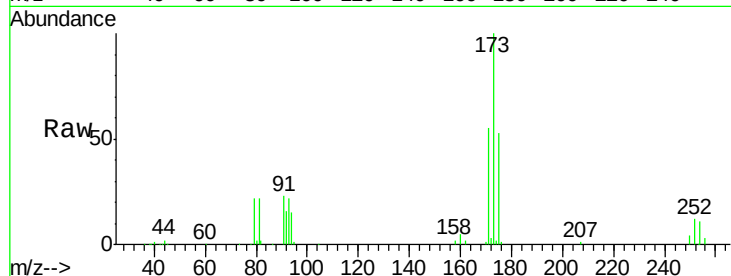
254 0.0 0.1 0.1#

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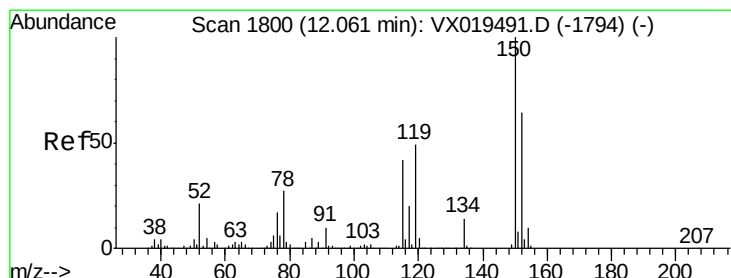
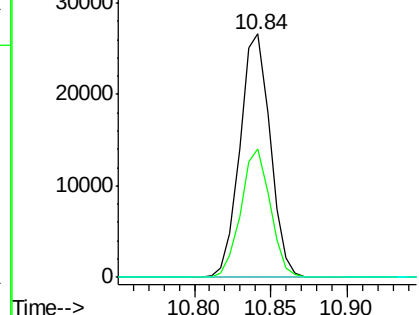
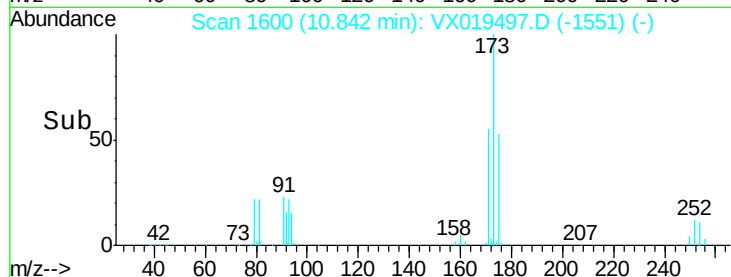
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

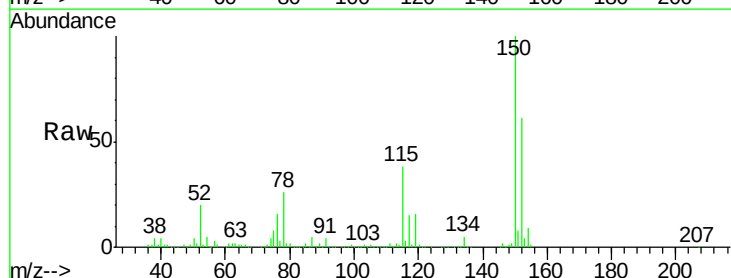
Tgt Ion:152 Resp: 164319

Ion Ratio Lower Upper

152 100

115 68.3 41.8 125.4

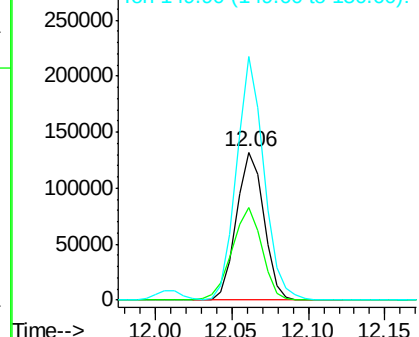
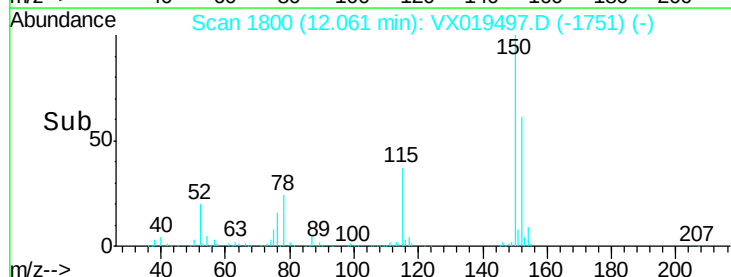
150 164.2 0.0 348.2

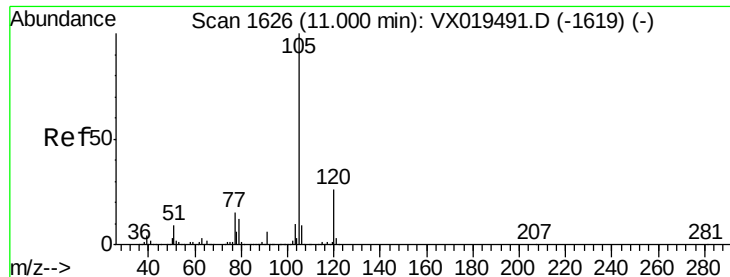


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.514 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:105 Resp: 210452

Ion Ratio Lower Upper

105 100

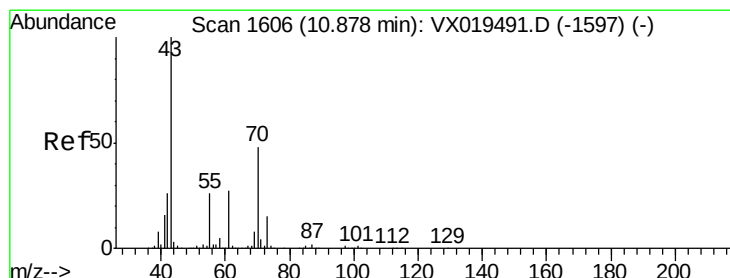
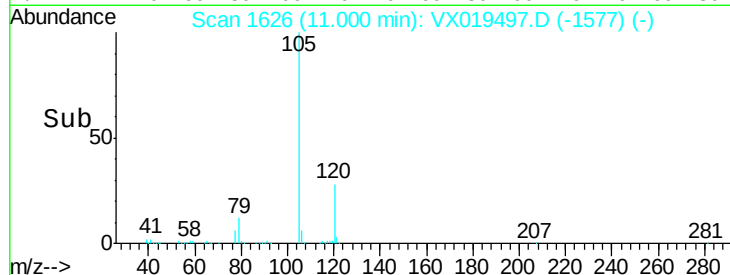
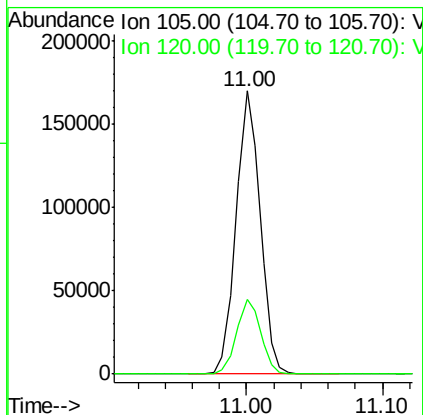
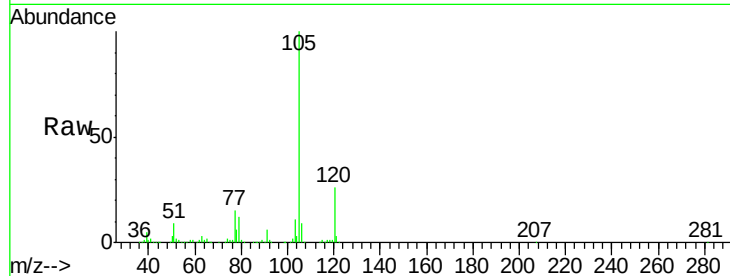
120 26.4 13.0 39.0

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#74

N-ethyl acetate

Concen: 21.547 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Tgt Ion: 43 Resp: 91780

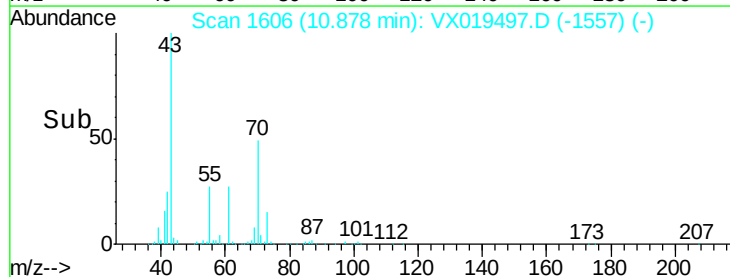
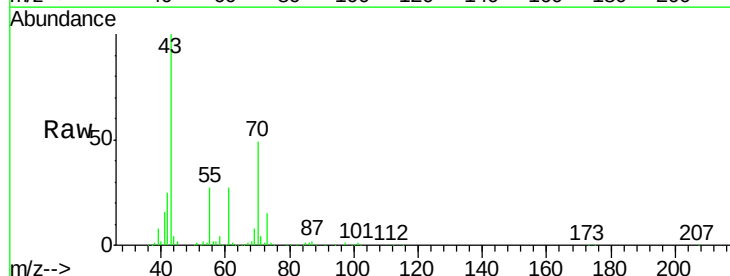
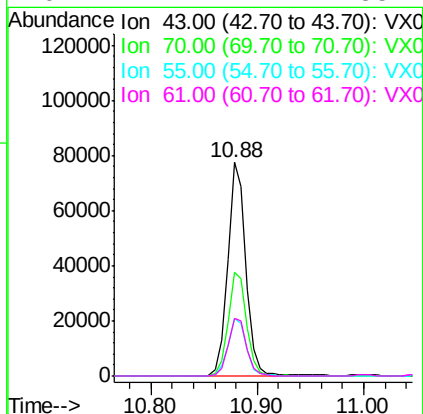
Ion Ratio Lower Upper

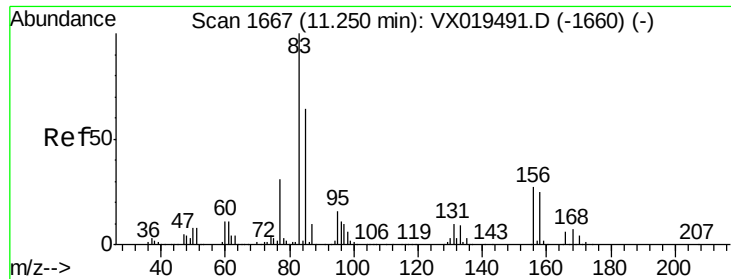
43 100

70 50.0 39.7 59.5

55 27.5 21.8 32.6

61 27.7 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.490 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

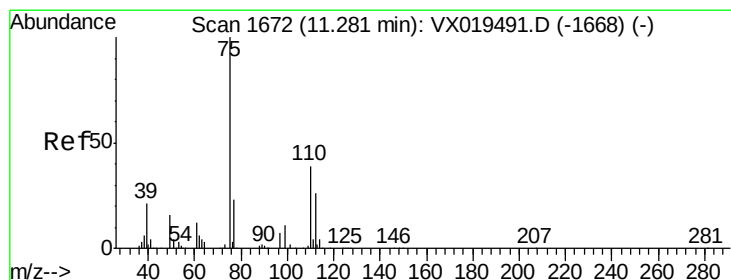
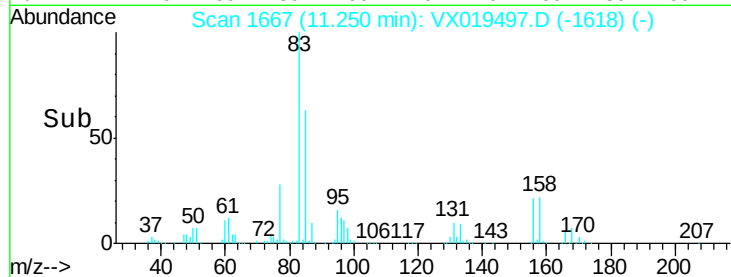
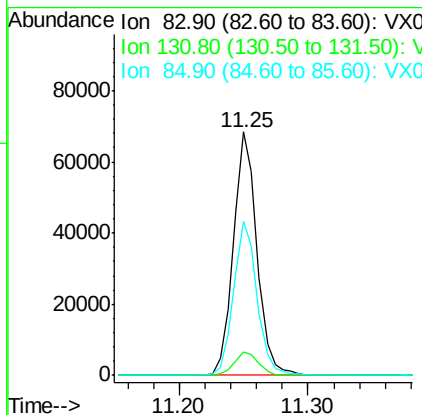
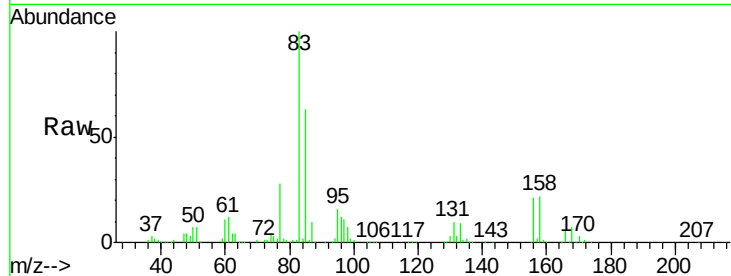
ClientSampleId :

VX1121WBSD01

Tot Ion:	83	Resp:	87357
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	63.4	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 22.378 ug/l m

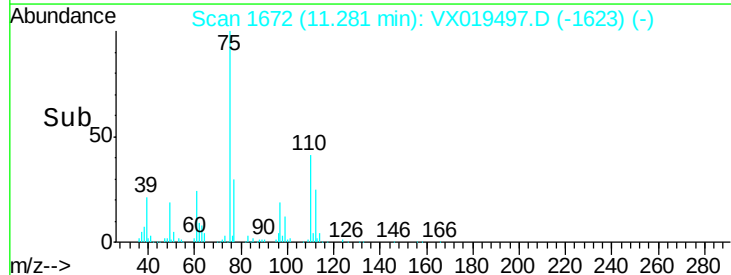
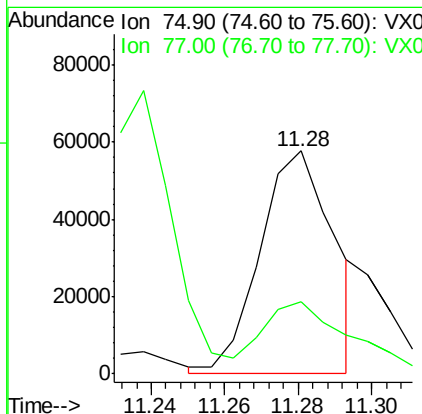
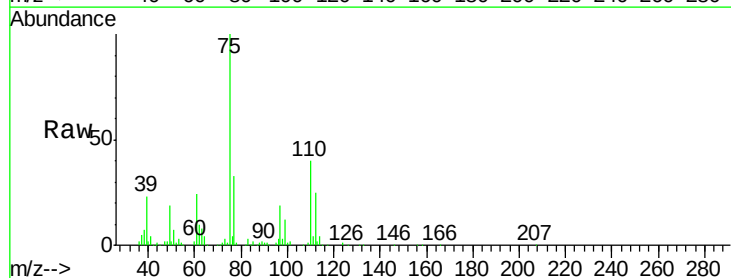
RT: 11.28 min Scan# 1672

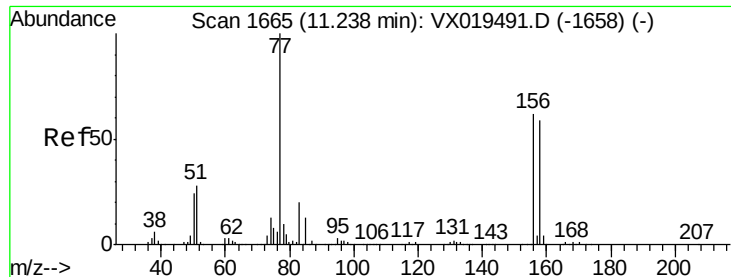
Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Tgt Ion:	75	Resp:	80249
Ion Ratio	Lower	Upper	
75	100		
77	38.5	20.0	60.0





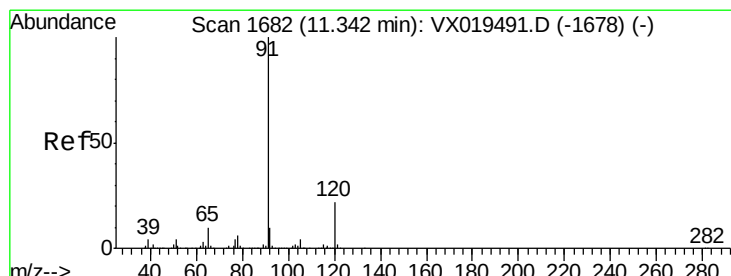
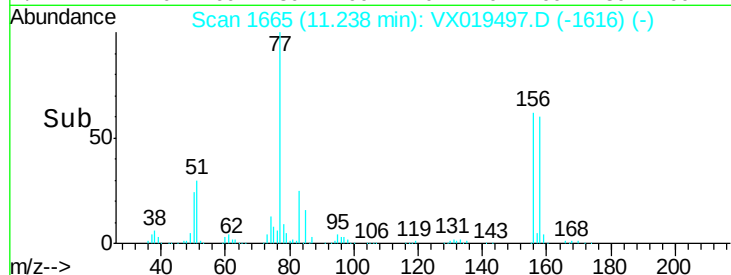
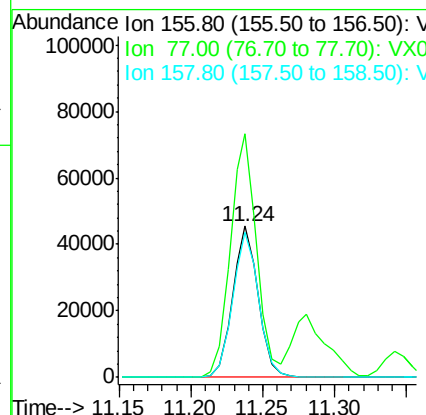
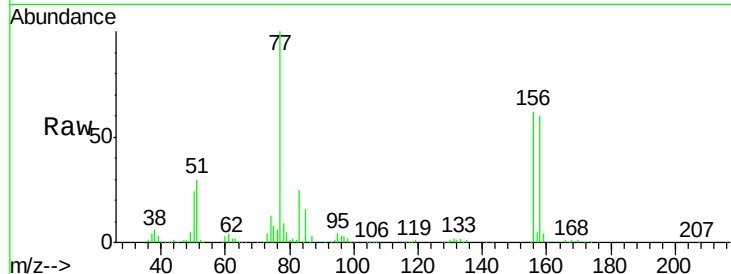
#77
Bromobenzene
Concen: 19.392 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	166.8	82.5	247.3
158	98.2	48.9	146.7

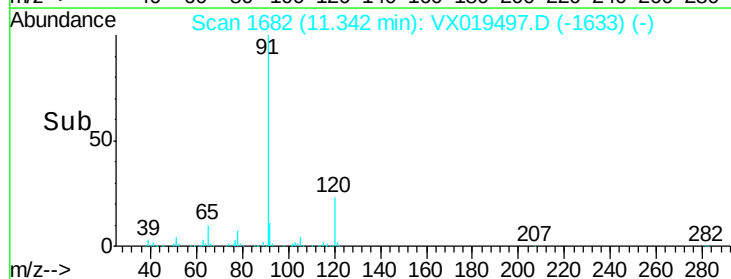
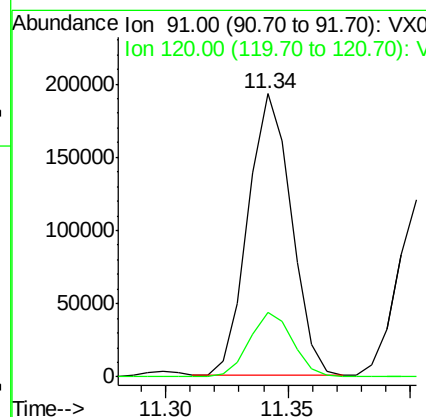
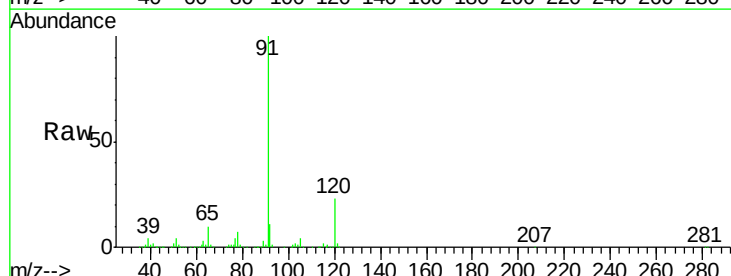
Manual Integrations
APPROVED

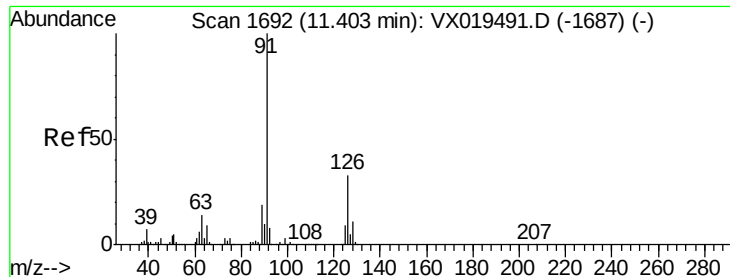
MMDadoda
11/23/2020 3:50:49 PM



#78
n-propylbenzene
Concen: 18.253 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





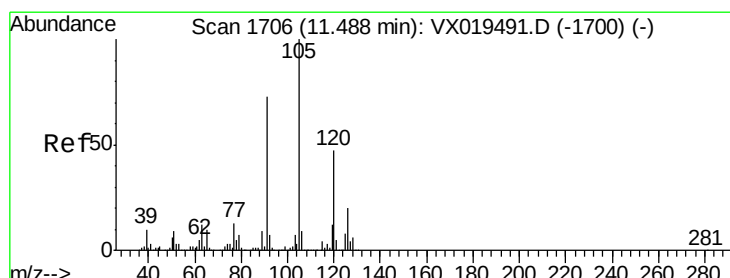
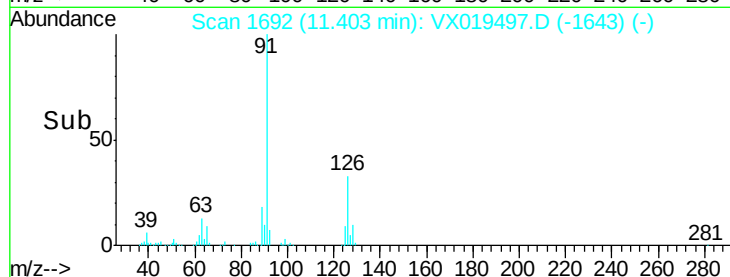
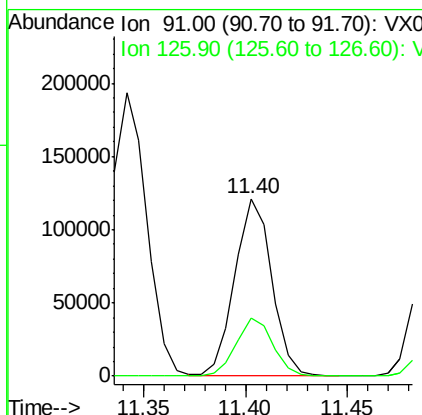
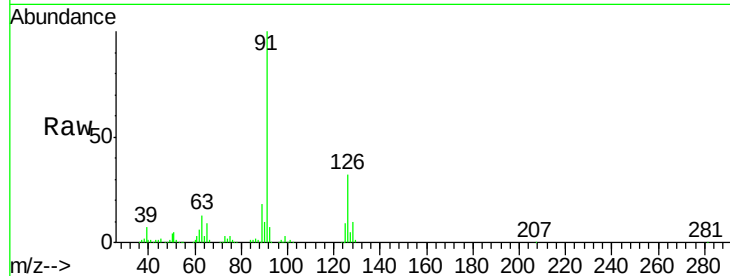
#79
2-Chlorotoluene
Concen: 19.117 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion: 91 Resp: 151184
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0

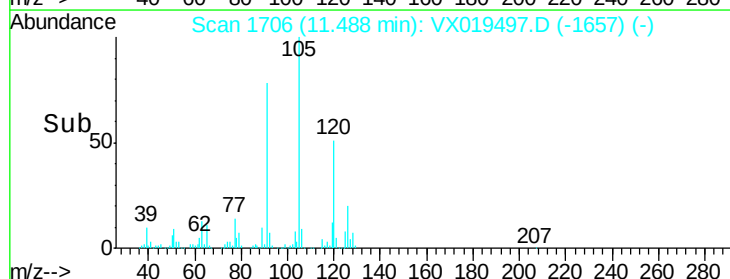
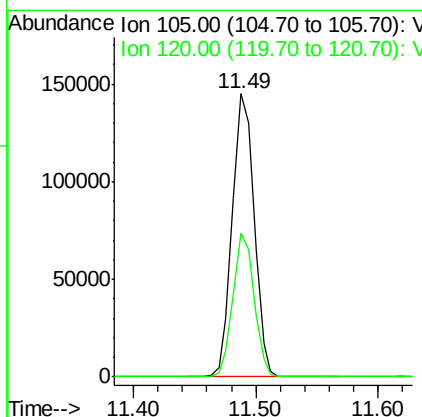
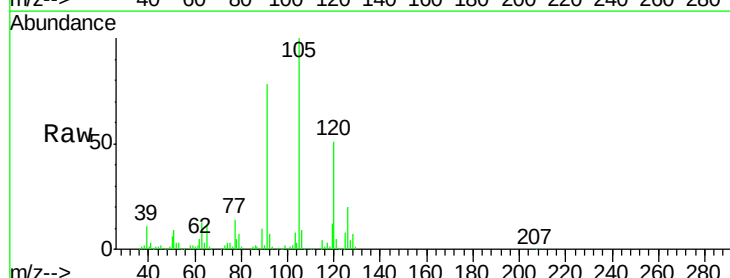
Manual Integrations
APPROVED

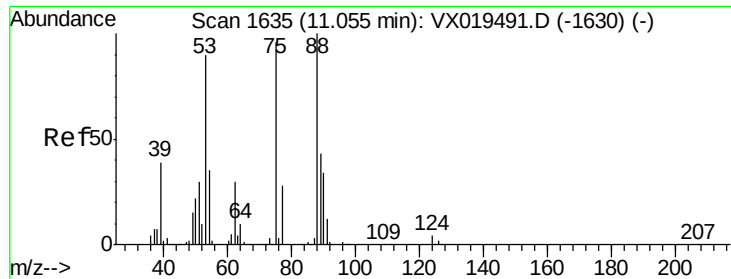
MMDadoda
11/23/2020 3:50:49 PM



#80
1,3,5-Trimethylbenzene
Concen: 18.738 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion: 105 Resp: 178680
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 21.078 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Instrument :

MSVOA_X

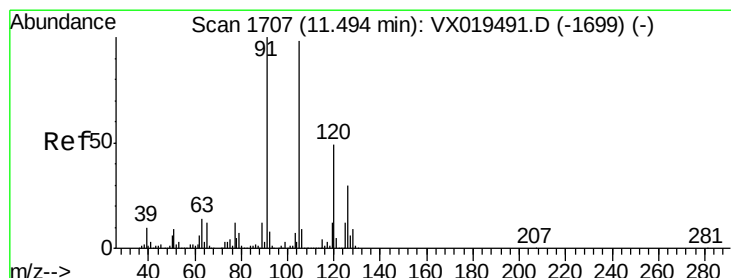
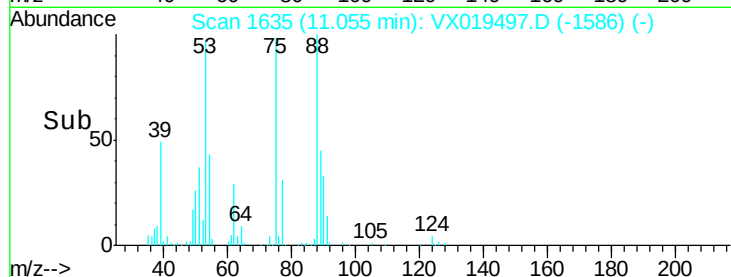
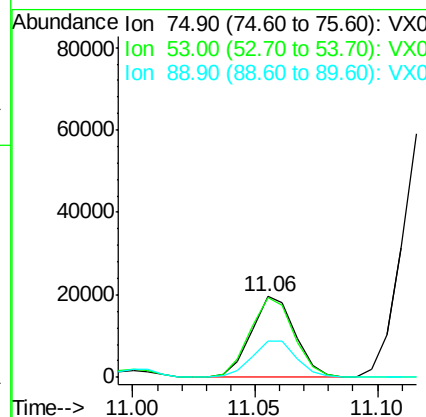
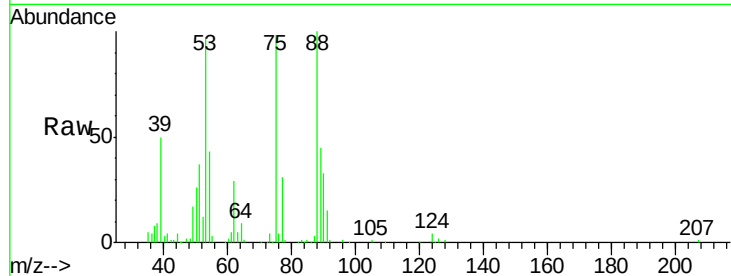
ClientSampleId :

VX1121WBSD01

Tot Ion:	75	Resp:	24433
Ion Ratio	Lower	Upper	
75	100		
53	99.9	73.9	110.9
89	46.9	37.3	55.9

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:49 PM



#82

4-Chlorotoluene

Concen: 18.869 ug/l

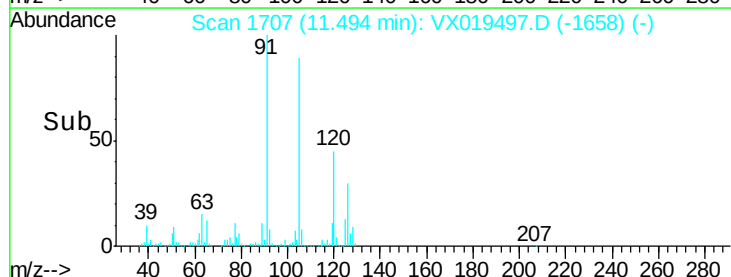
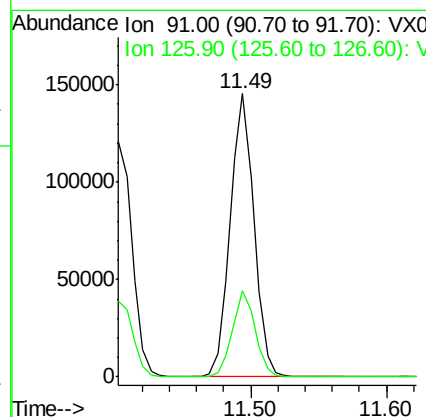
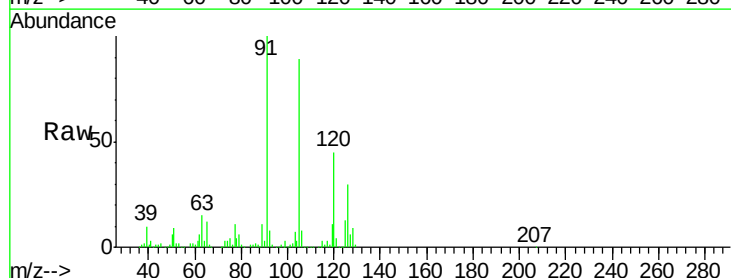
RT: 11.49 min Scan# 1707

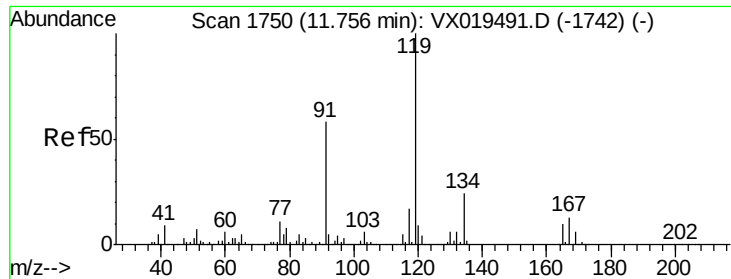
Delta R.T. 0.00 min

Lab File: VX019497.D

Acq: 20 Nov 2020 15:52

Tgt Ion:	91	Resp:	175670
Ion Ratio	Lower	Upper	
91	100		
126	29.5	14.9	44.7





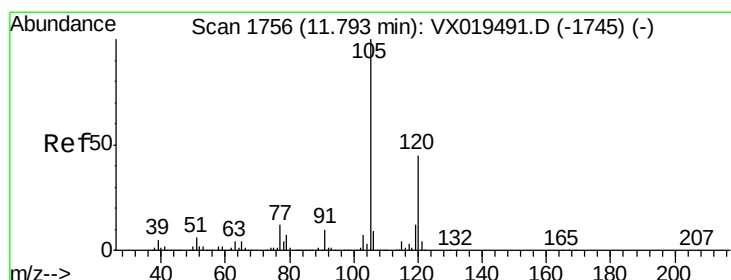
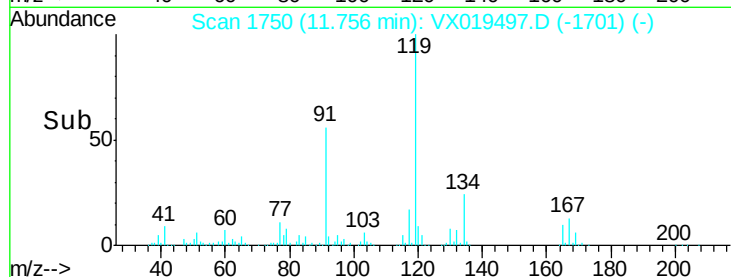
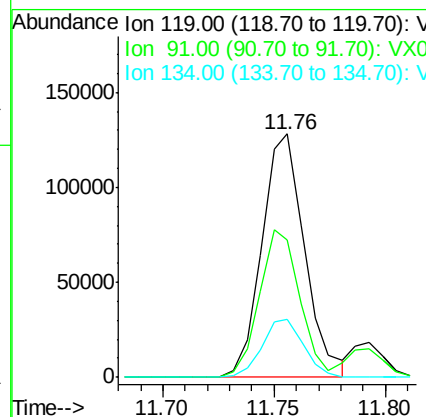
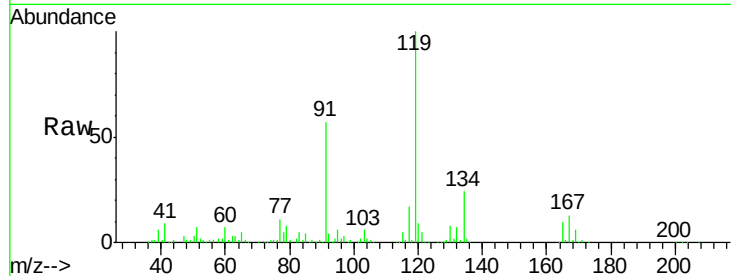
#83
tert-Butylbenzene
Concen: 18.540 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.9	86.8
134	23.2	11.7	35.0

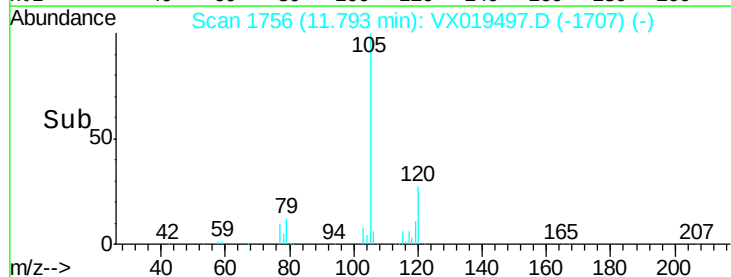
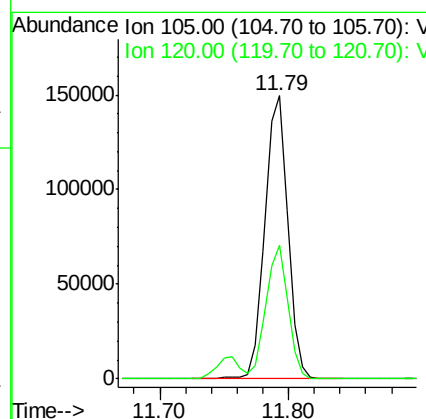
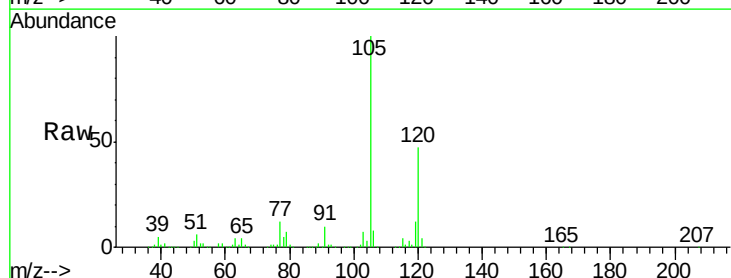
Manual Integrations
APPROVED

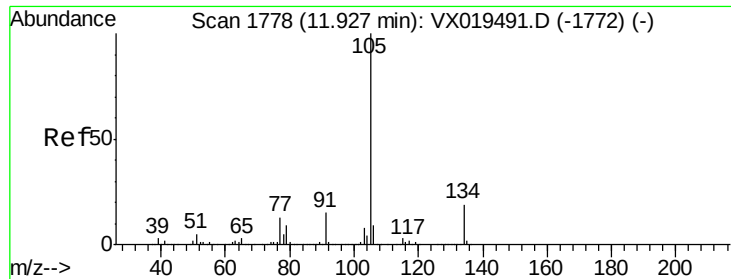
MMDadoda
11/23/2020 3:50:49 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.054 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.2	66.6





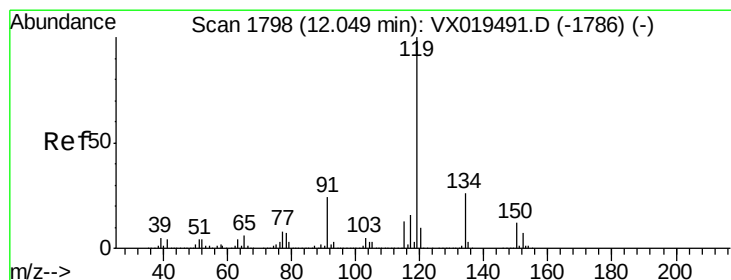
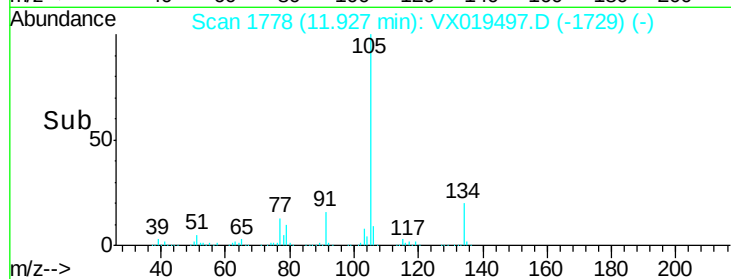
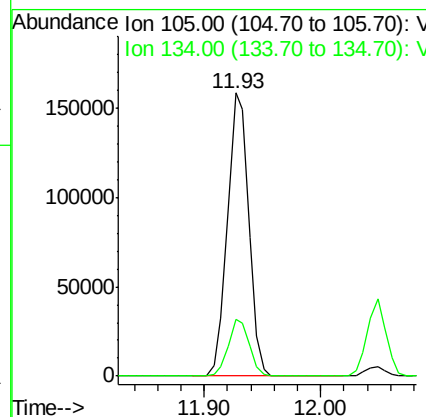
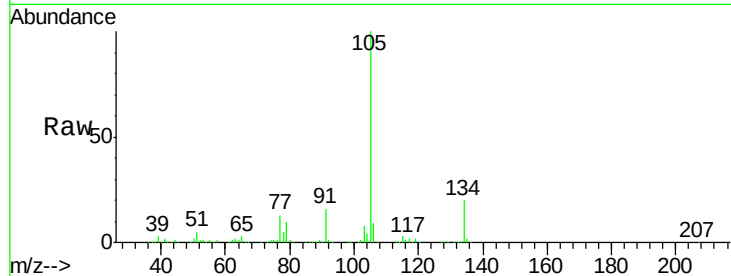
#85
 sec-Butylbenzene
 Concen: 18.208 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	199836		
134	19.7	10.1	30.3	

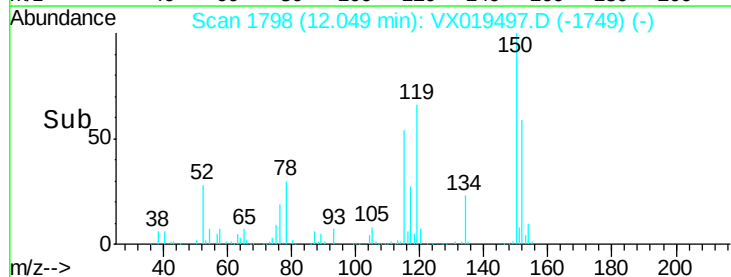
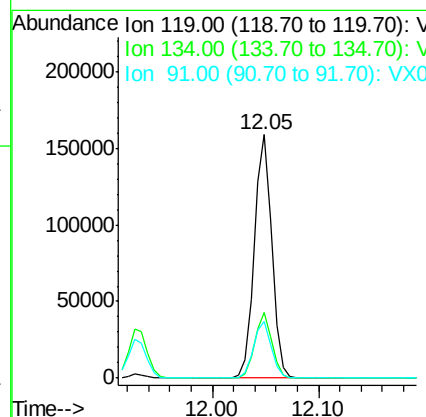
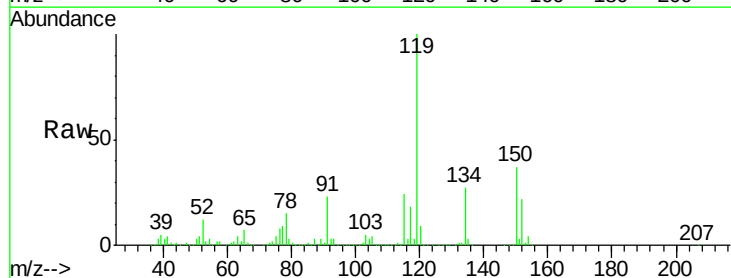
Manual Integrations
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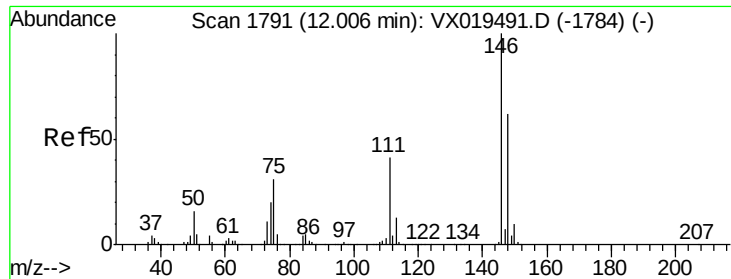
MMDadoda
 11/23/2020 3:50:49 PM



#86
 p-Isopropyltoluene
 Concen: 18.347 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	182823		
134	26.4	13.1	39.3	
91	23.7	11.8	35.4	





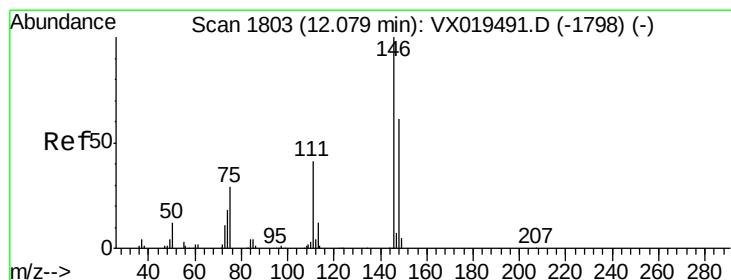
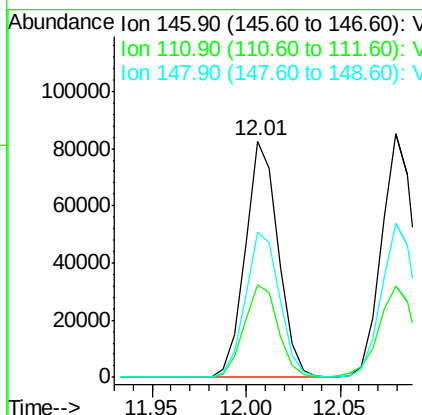
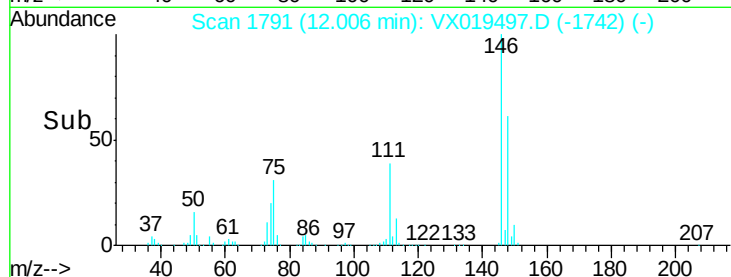
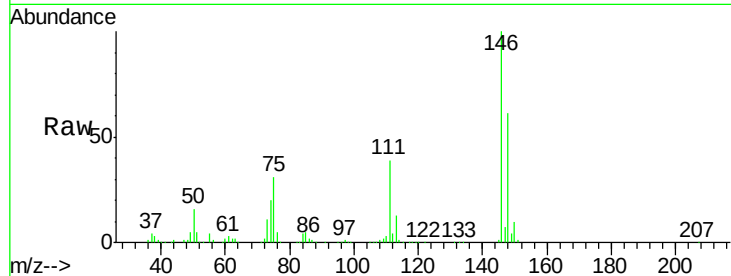
#87
 1,3-Dichlorobenzene
 Concen: 18.781 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	63.8	31.4	94.2

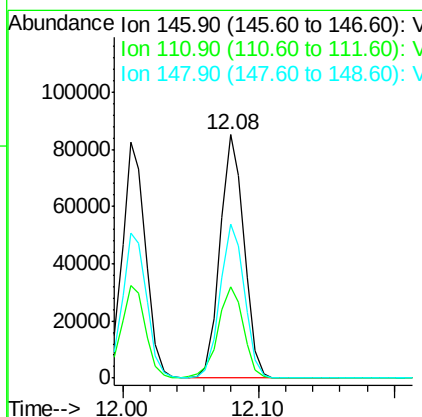
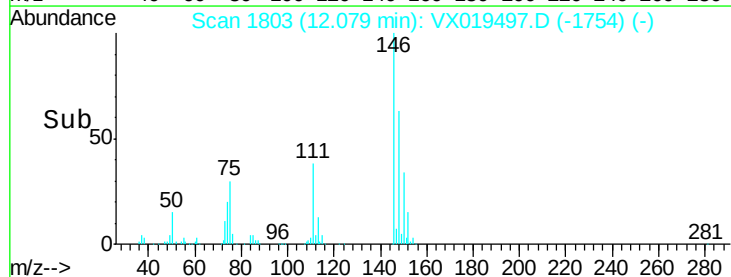
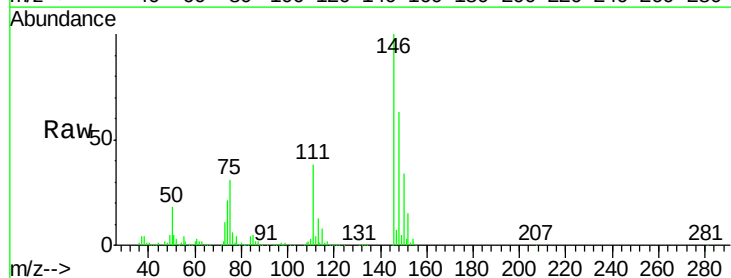
Manual Integrations
 APPROVED

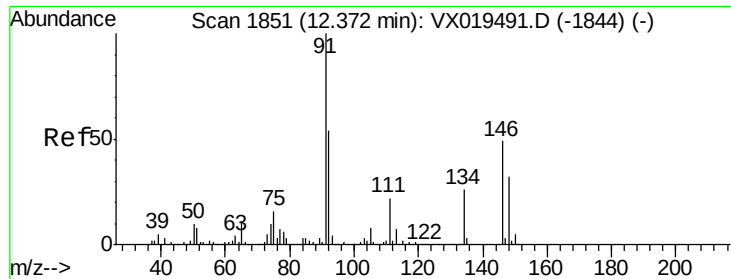
MMDadoda
 11/23/2020 3:50:49 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.976 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	64.4	31.7	95.1





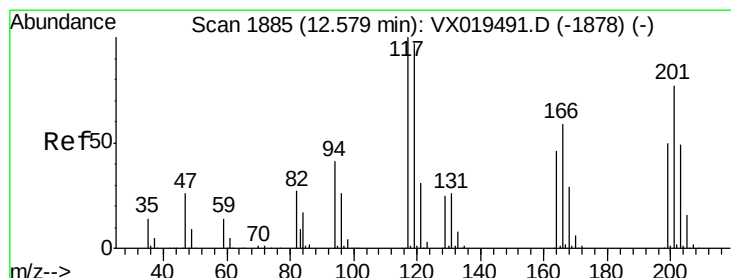
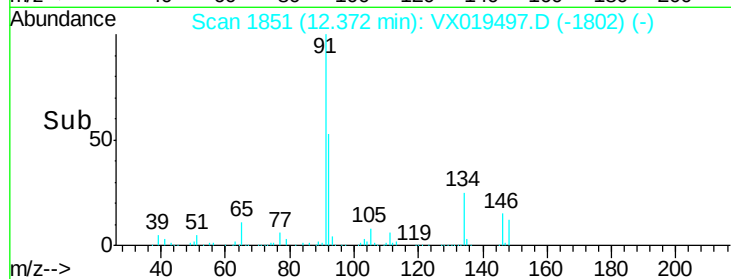
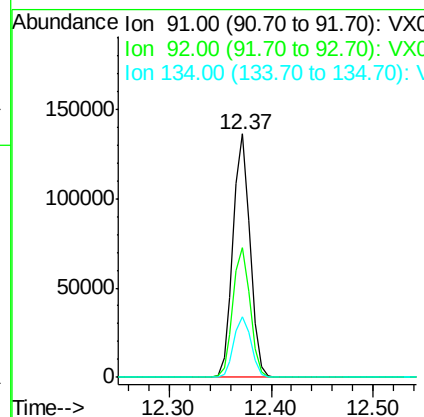
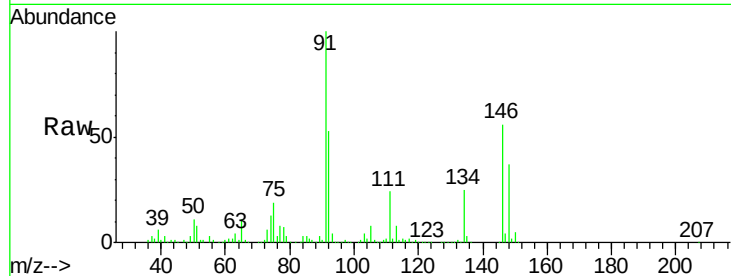
#89
n-Butylbenzene
Concen: 17.343 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.6
134	25.4	12.9	38.6

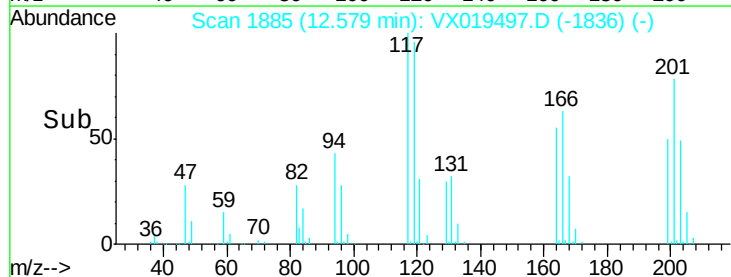
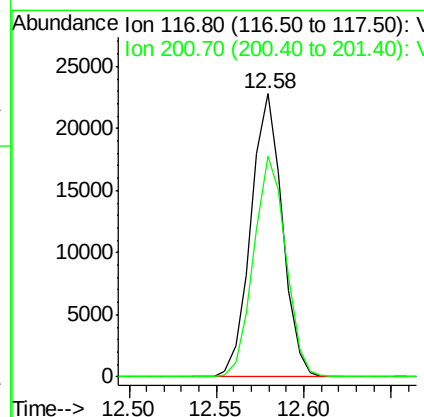
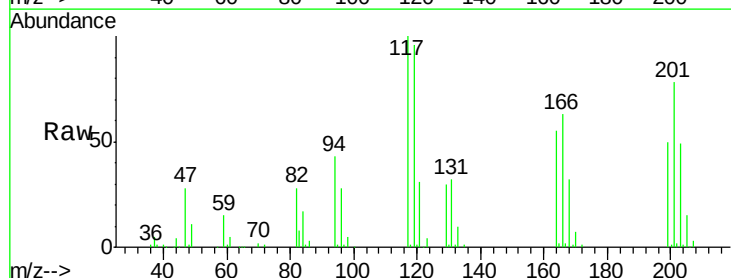
Manual Integrations
APPROVED

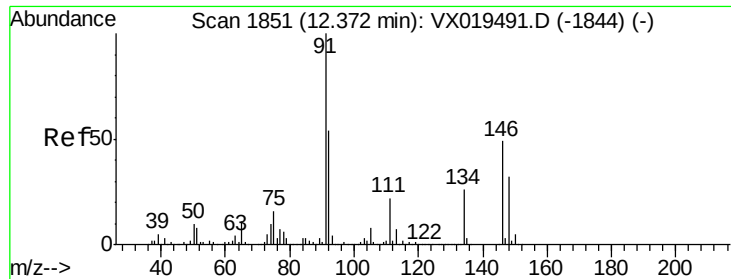
MMDadoda
11/23/2020 3:50:49 PM



#90
Hexachloroethane
Concen: 17.070 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	39.4	118.2





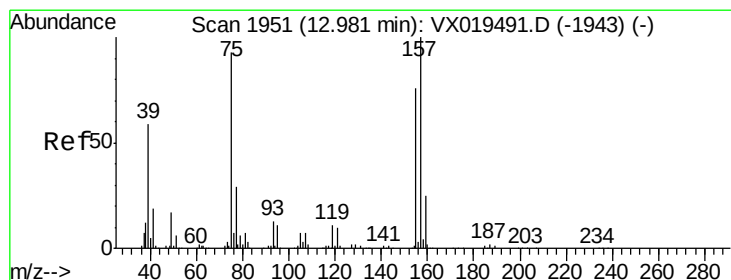
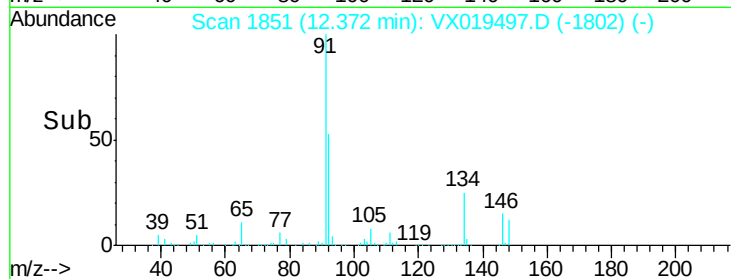
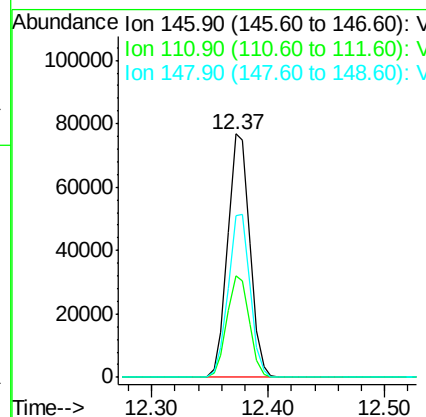
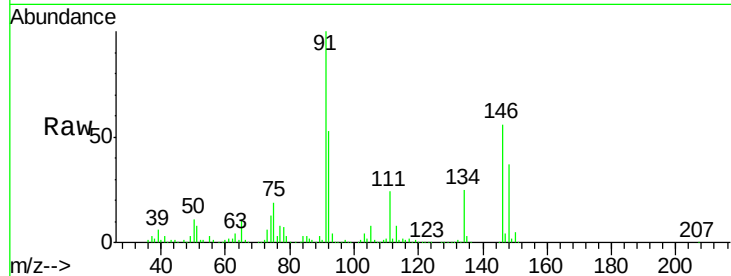
#91
 1,2-Dichlorobenzene
 Concen: 18.843 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.3
148	66.1	32.4	97.0

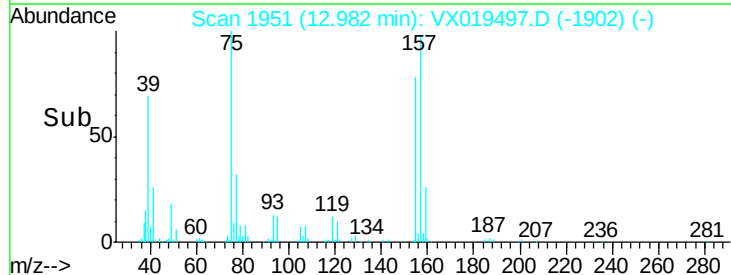
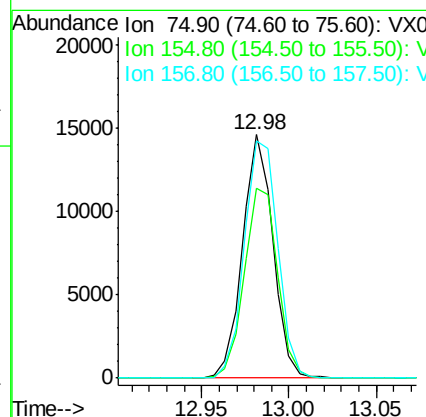
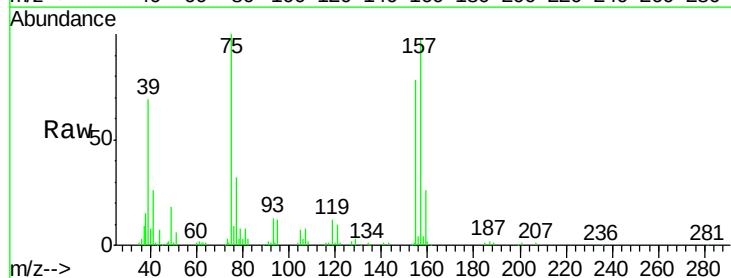
Manual Integrations
 APPROVED

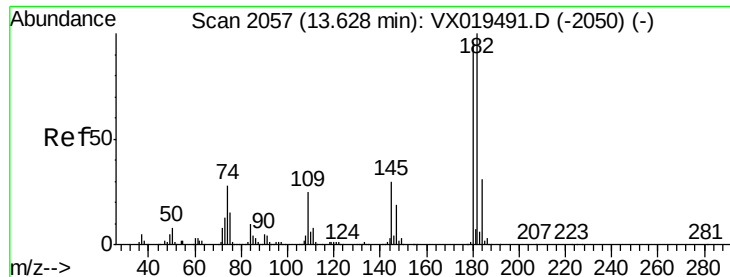
MMDadoda
 11/23/2020 3:50:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.305 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019497.D
 Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	43.6	130.9
157	107.3	57.0	170.8





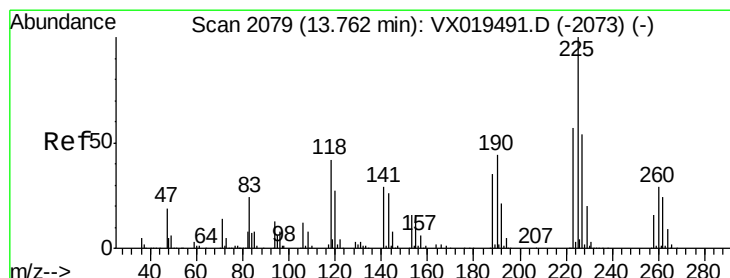
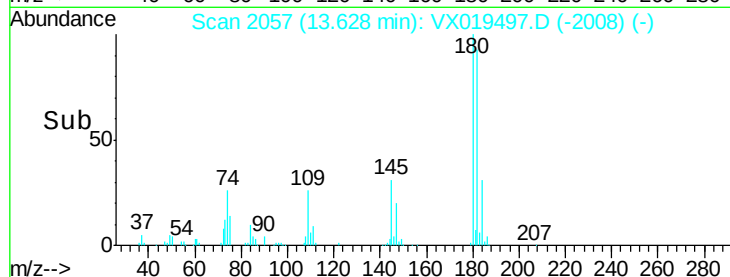
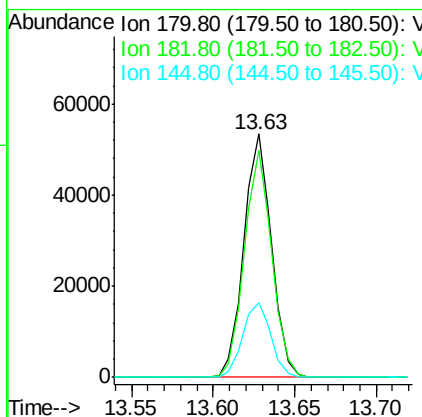
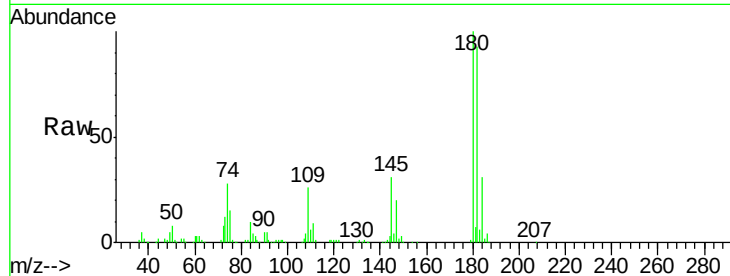
#93
1,2,4-Trichlorobenzene
Concen: 18.374 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	63141		
182	92.7	48.6	145.9	
145	31.3	15.9	47.7	

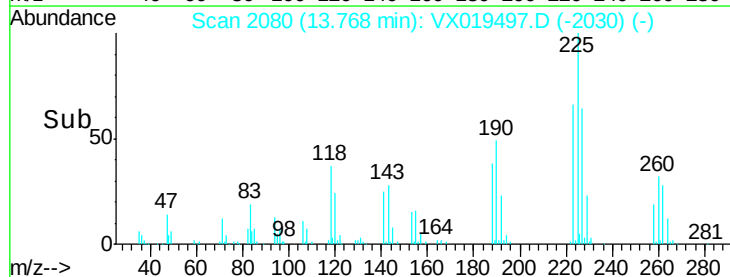
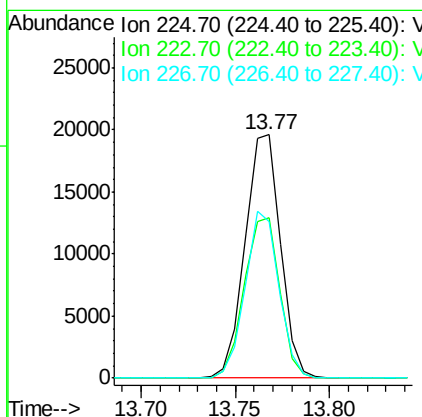
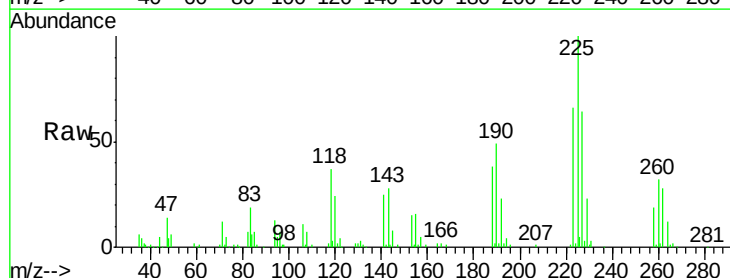
Manual Integrations
APPROVED

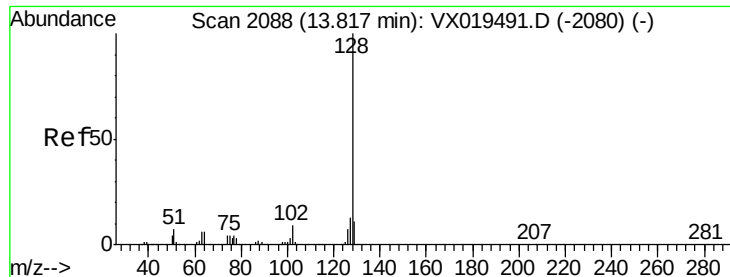
MMDadoda
11/23/2020 3:50:49 PM



#94
Hexachlorobutadiene
Concen: 16.362 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25614		
223	65.6	32.5	97.5	
227	65.0	32.8	98.3	





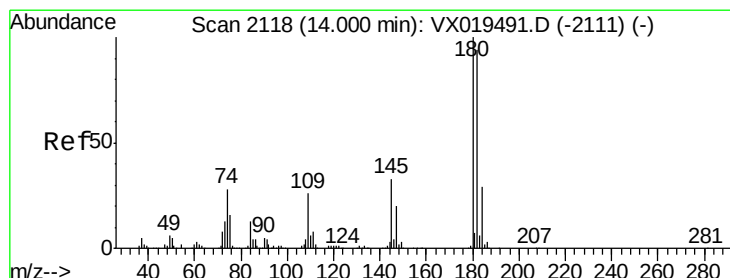
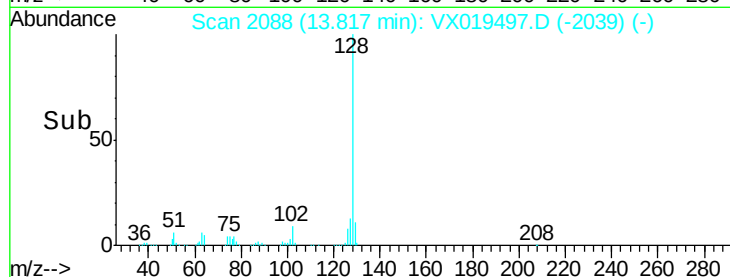
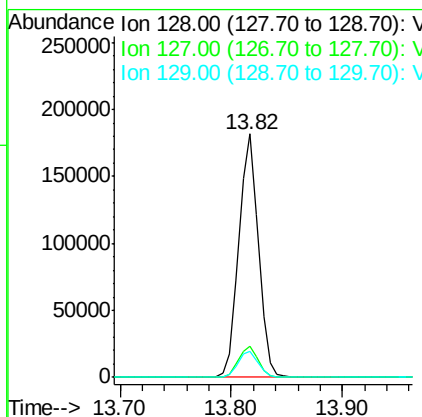
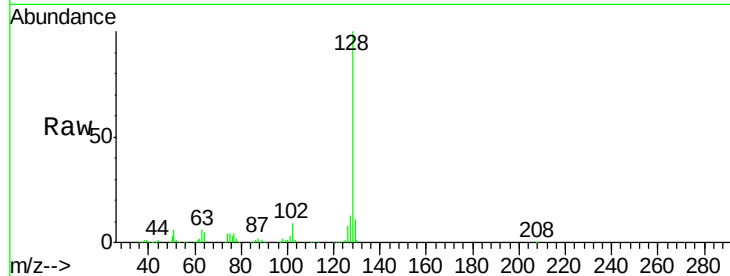
#95
Naphthalene
Concen: 19.696 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.057 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019497.D
Acq: 20 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.3
145	32.3	16.6	49.8

