

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
 Data File : VX019672.D
 Acq On : 30 Nov 2020 12:03
 Operator : JC/MD
 Sample : VX1130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX1130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:55 AM

Quant Time: Dec 01 02:55:11 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	279197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	470300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179739	49.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.30%
35) Dibromofluoromethane	5.46	113	142850	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%
50) Toluene-d8	8.70	98	536000	46.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.44%
62) 4-Bromofluorobenzene	11.12	95	191894	46.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48341	17.805	ug/l	99
3) Chloromethane	1.31	50	50814	16.310	ug/l	98
4) Vinyl Chloride	1.39	62	57857	17.251	ug/l	99
5) Bromomethane	1.62	94	20610	16.224	ug/l	100
6) Chloroethane	1.69	64	37528	45.555	ug/l	98
7) Trichlorofluoromethane	1.90	101	85272	17.616	ug/l	96
8) Diethyl Ether	2.17	74	36786	18.975	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50343	18.642	ug/l	99
10) Methyl Iodide	2.48	142	64118	18.073	ug/l	99
11) Tert butyl alcohol	3.03	59	81965	119.641	ug/l	97
12) 1,1-Dichloroethene	2.35	96	48750	17.588	ug/l	99
13) Acrolein	2.28	56	31963	69.407	ug/l	96
14) Allyl chloride	2.70	41	80768	18.600	ug/l	99
15) Acrylonitrile	3.12	53	163918	101.454	ug/l	99
16) Acetone	2.42	43	142452	101.757	ug/l	100
17) Carbon Disulfide	2.54	76	122204	16.411	ug/l	99
18) Methyl Acetate	2.75	43	71018	21.062	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	195146	20.396	ug/l	99
20) Methylene Chloride	2.83	84	63356	18.107	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	57034	18.161	ug/l	96
22) Diisopropyl ether	3.82	45	175434	19.530	ug/l	96
23) Vinyl Acetate	3.78	43	758585	100.678	ug/l	100
24) 1,1-Dichloroethane	3.67	63	104398	19.001	ug/l	98
25) 2-Butanone	4.64	43	212225	100.917	ug/l	99
26) 2,2-Dichloropropane	4.54	77	88711	18.498	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	69011	19.130	ug/l	98
28) Bromochloromethane	4.97	49	46119	17.557	ug/l	100
29) Tetrahydrofuran	5.09	42	133900	99.792	ug/l	99
30) Chloroform	5.17	83	109810	19.113	ug/l	99
31) Cyclohexane	5.54	56	84846	18.021	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	94146	19.077	ug/l	99
36) 1,1-Dichloropropene	5.76	75	76502	17.351	ug/l	98
37) Ethyl Acetate	4.79	43	81538	19.699	ug/l	99
38) Carbon Tetrachloride	5.74	117	77982	18.273	ug/l	100

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Manual Integrations
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MMDadoda
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Quant Time: Dec 01 02:55:11 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)
39) Methylcyclohexane	7.43	83	90728	17.673	ug/l	98
40) Benzene	6.11	78	245890	18.151	ug/l	98
41) Methacrylonitrile	5.00	41	44148	19.342	ug/l	99
42) 1,2-Dichloroethane	6.15	62	86477	18.624	ug/l	99
43) Isopropyl Acetate	6.41	43	133154	19.137	ug/l	100
44) Trichloroethene	7.18	130	64008	18.038	ug/l	99
45) 1,2-Dichloropropane	7.49	63	61498	18.440	ug/l	99
46) Dibromomethane	7.63	93	42833	18.765	ug/l	99
47) Bromodichloromethane	7.87	83	83833	18.927	ug/l	98
48) Methyl methacrylate	7.74	41	63954	19.626	ug/l	99
49) 1,4-Dioxane	7.71	88	30276	409.201	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396145	97.634	ug/l	99
52) Toluene	8.76	92	151553	18.287	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	91426	19.113	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	99523	18.748	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	63230	18.734	ug/l	96
56) Ethyl methacrylate	9.16	69	91998	19.263	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107571	19.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	257282	91.939	ug/l	100
59) 2-Hexanone	9.47	43	298761	97.087	ug/l	100
60) Dibromochloromethane	9.56	129	62046	18.768	ug/l	100
61) 1,2-Dibromoethane	9.65	107	64830	18.635	ug/l	98
64) Tetrachloroethene	9.32	164	53896	16.521	ug/l	99
65) Chlorobenzene	10.12	112	154917	18.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	57731	18.601	ug/l	99
67) Ethyl Benzene	10.23	91	274372	18.355	ug/l	98
68) m/p-Xylenes	10.34	106	207192	37.204	ug/l	99
69) o-Xylene	10.68	106	100947	18.962	ug/l	98
70) Styrene	10.70	104	166842	18.019	ug/l	100
71) Bromoform	10.84	173	42771	18.698	ug/l #	99
73) Isopropylbenzene	11.00	105	262877	19.902	ug/l	100
74) N-amyl acetate	10.88	43	104191	21.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93668	19.831	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86882m	20.851	ug/l	
77) Bromobenzene	11.24	156	66936	19.851	ug/l	99
78) n-propylbenzene	11.34	91	296777	19.586	ug/l	100
79) 2-Chlorotoluene	11.40	91	180190	19.608	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	219394	19.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	29362	21.654	ug/l	99
82) 4-Chlorotoluene	11.49	91	208744	19.296	ug/l	100
83) tert-Butylbenzene	11.76	119	216246	20.173	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	219485	19.578	ug/l	99
85) sec-Butylbenzene	11.93	105	244266	19.154	ug/l	99
86) p-Isopropyltoluene	12.05	119	222581	19.224	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117191	18.925	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120430	18.881	ug/l	99
89) n-Butylbenzene	12.37	91	186277	17.796	ug/l	98
90) Hexachloroethane	12.58	117	37214	19.208	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	116970	18.807	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19203	19.928	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Manual Integrations
APPROVED

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76217	19.088	ug/l	96
94) Hexachlorobutadiene	13.77	225	30631	16.840	ug/l	98
95) Naphthalene	13.82	128	254459	19.459	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76054	19.042	ug/l	98

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

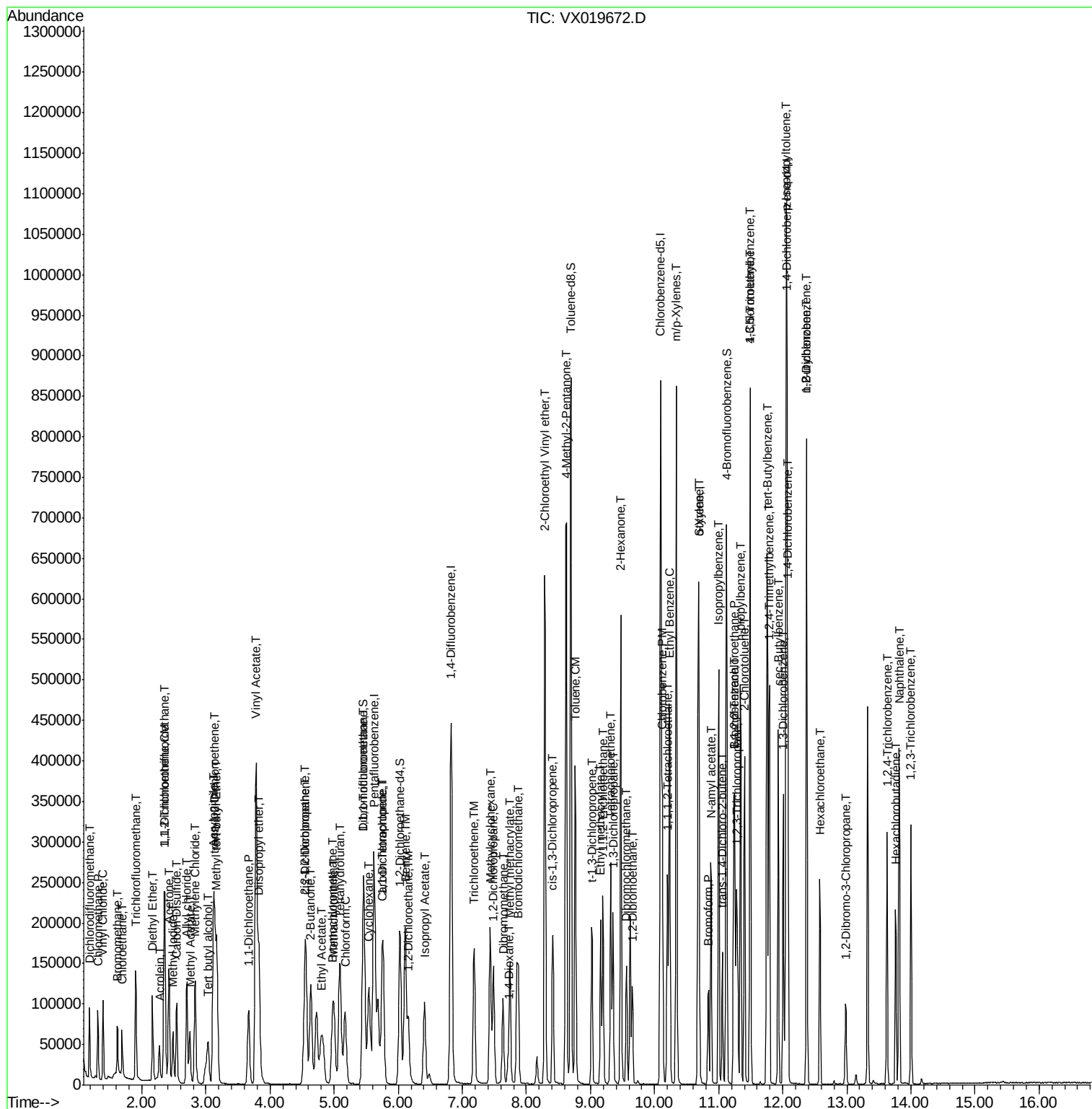
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113020\
Data File : VX019672.D
Acq On : 30 Nov 2020 12:03
Operator : JC/MD
Sample : VX1130WBSD01
Misc : 5.0mL/MSVOA X/WATER
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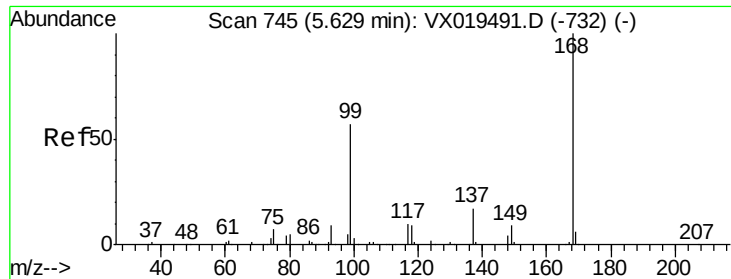
Instrument :
MSVOA_X
ClientSampled :
VX1130WBSD01

Manual Integrations
APPROVED

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion:168 Resp: 279197

Ion Ratio Lower Upper

168 100

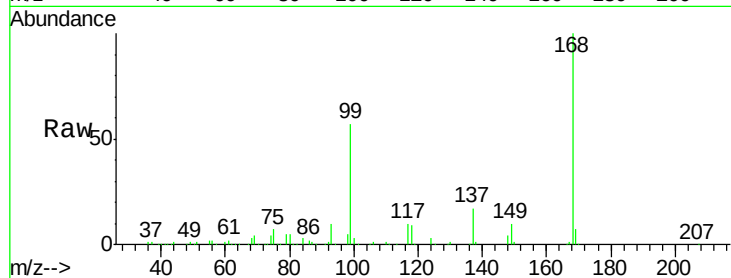
99 57.3 45.8 68.6

Manual Integrations

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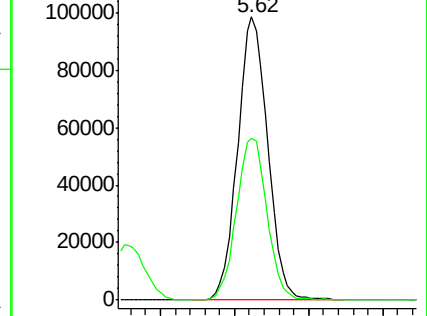
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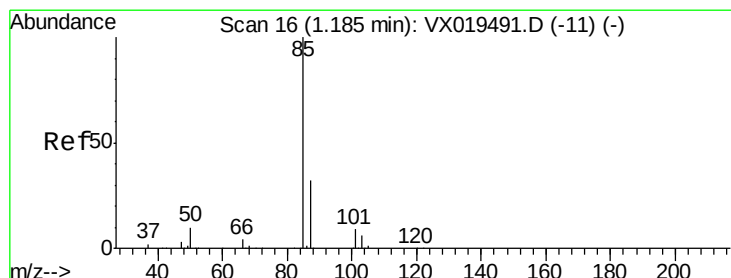
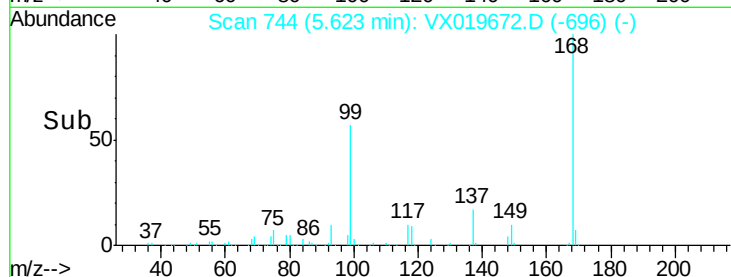


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 17.805 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019672.D

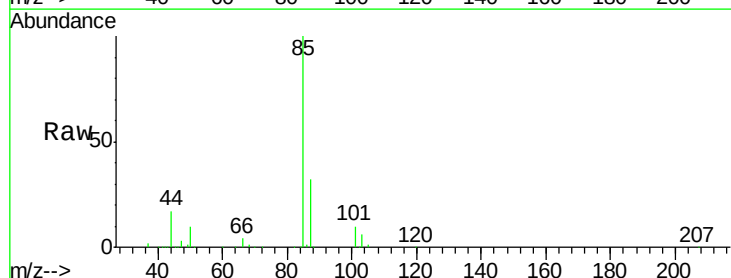
Acq: 30 Nov 2020 12:03

Tgt Ion: 85 Resp: 48341

Ion Ratio Lower Upper

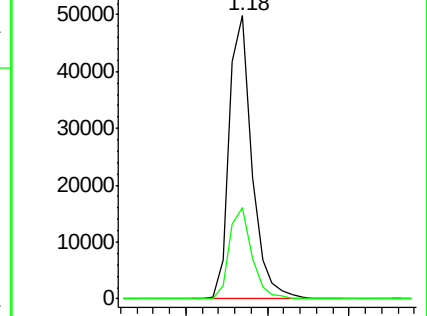
85 100

87 32.3 16.0 47.9

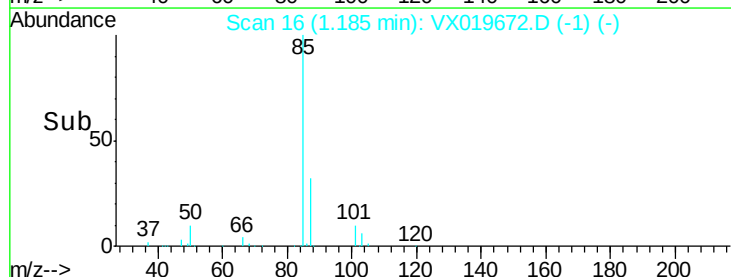


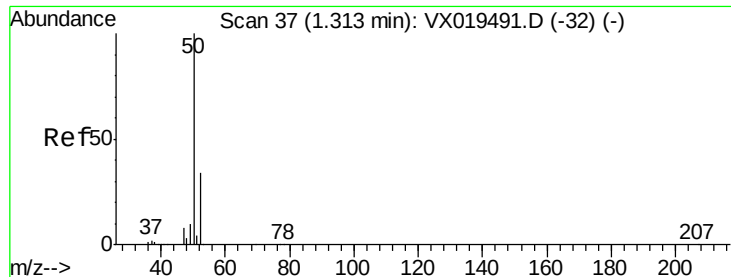
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 16.310 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 50 Resp: 50814

Ion Ratio Lower Upper

50 100

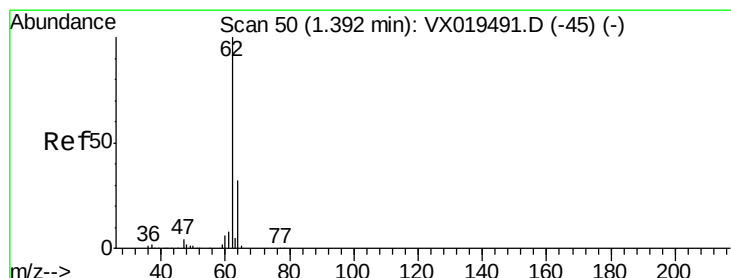
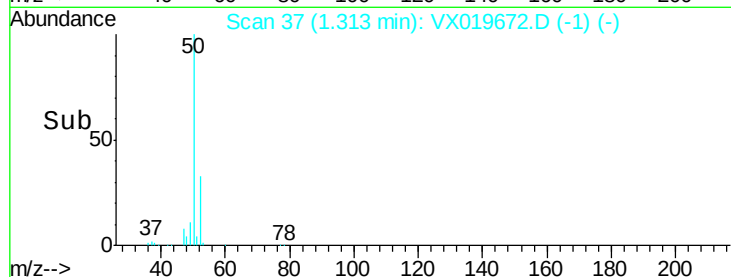
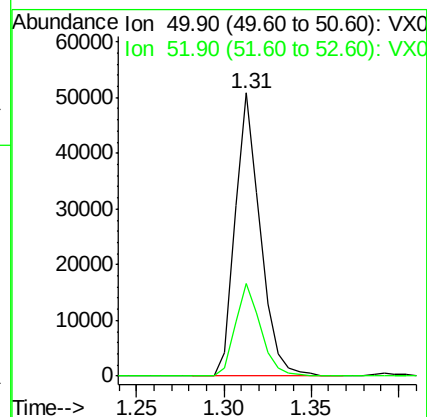
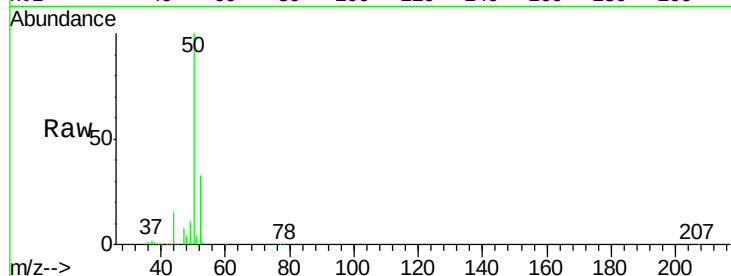
52 32.8 27.0 40.6

Manual Integrations

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12/1/2020 9:35:55 AM



#4

Vinyl Chloride

Concen: 17.251 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019672.D

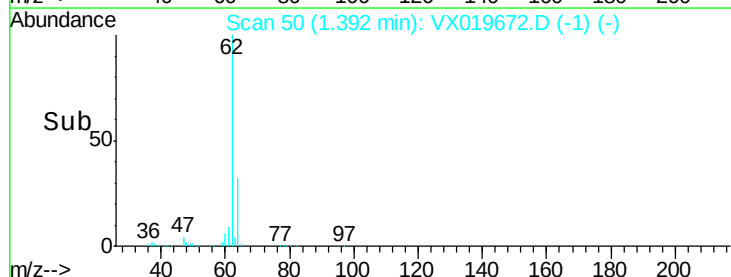
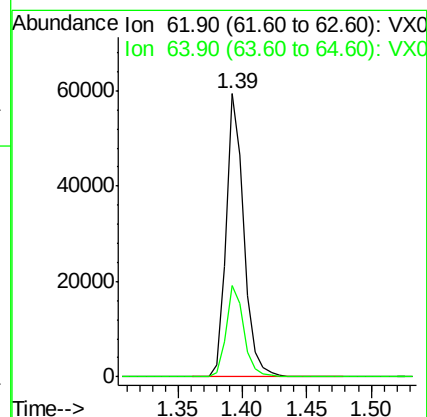
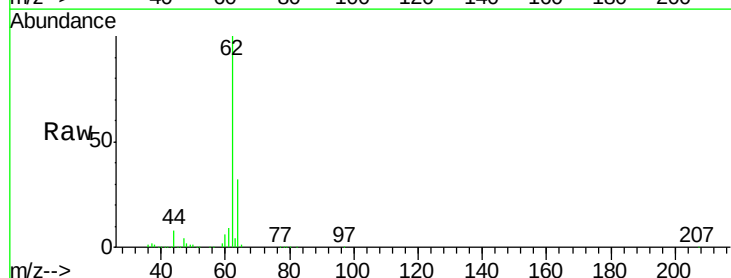
Acq: 30 Nov 2020 12:03

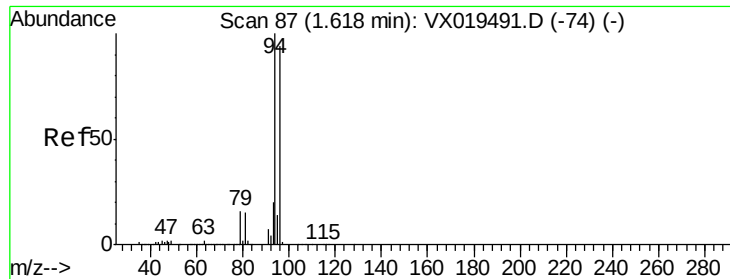
Tgt Ion: 62 Resp: 57857

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 16.224 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 94 Resp: 20610

Ion Ratio Lower Upper

94 100

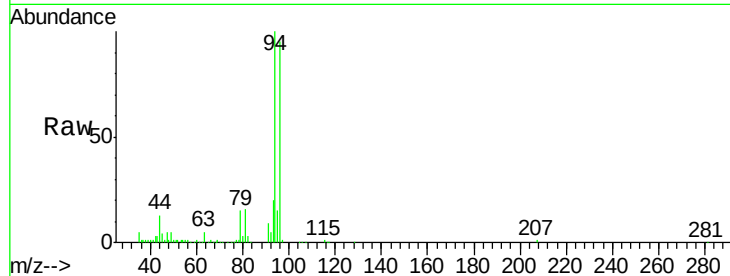
96 94.7 75.6 113.4

Manual Integrations

APPROVED

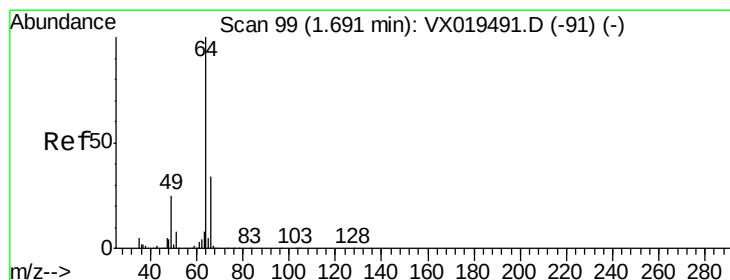
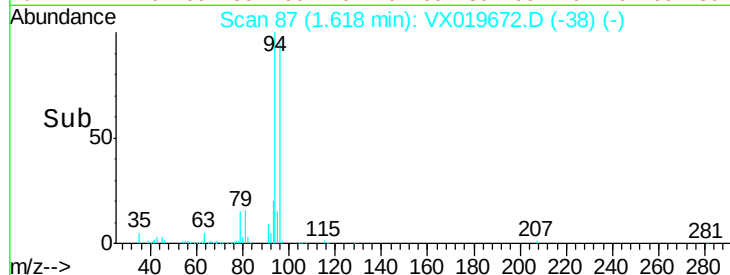
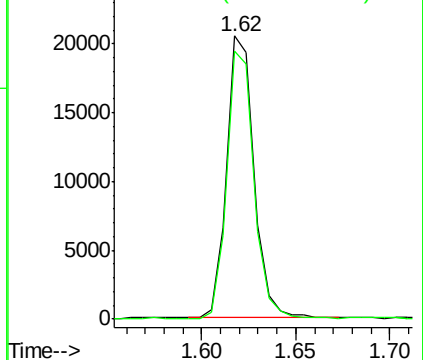
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12/1/2020 9:35:55 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.555 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019672.D

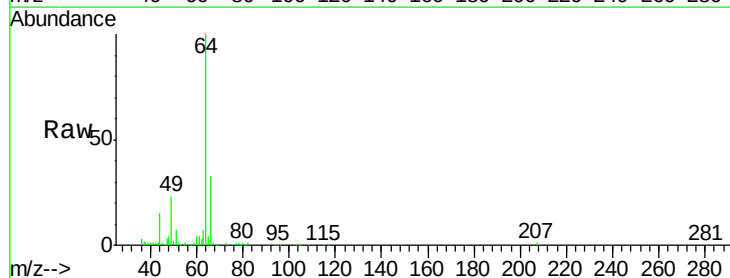
Acq: 30 Nov 2020 12:03

Tgt Ion: 64 Resp: 37528

Ion Ratio Lower Upper

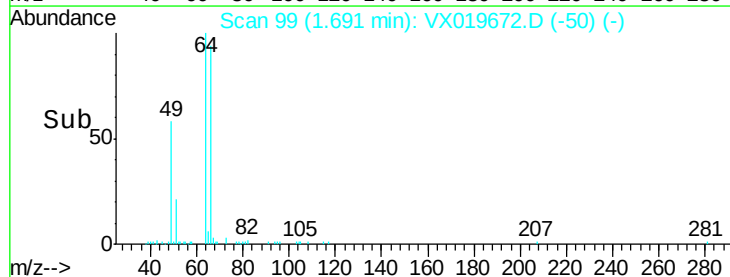
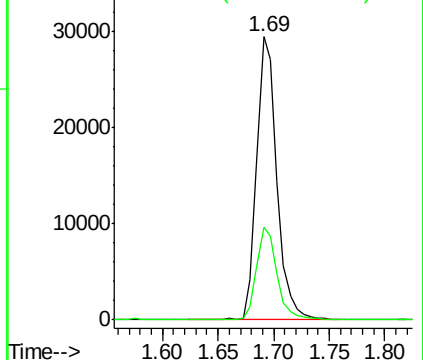
64 100

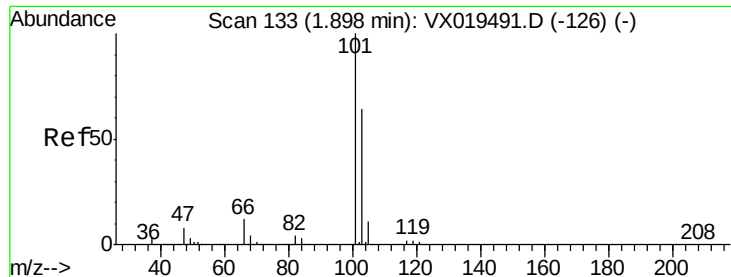
66 32.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

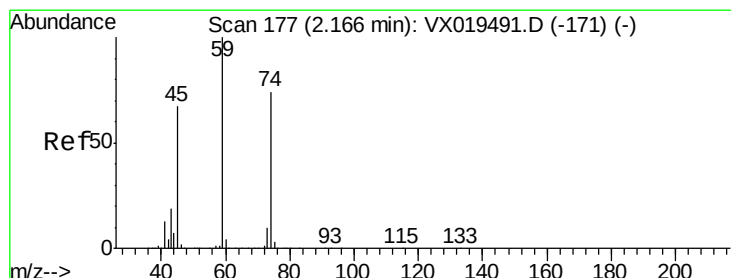
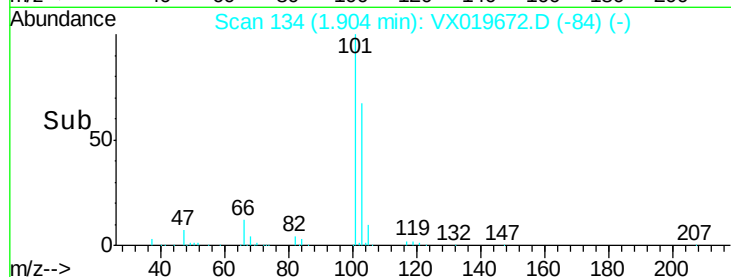
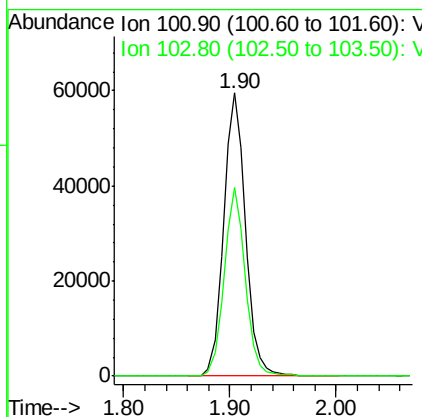
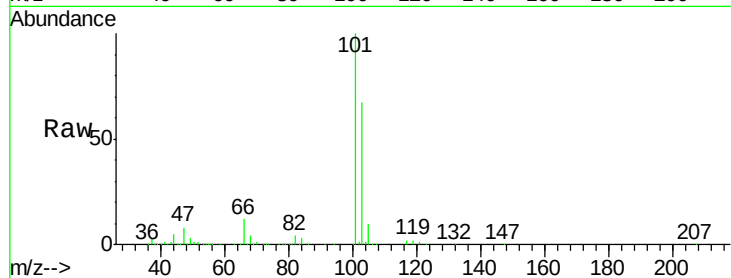
Trichlorofluoromethane
Concen: 17.616 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	50.9	76.3

Manual Integrations
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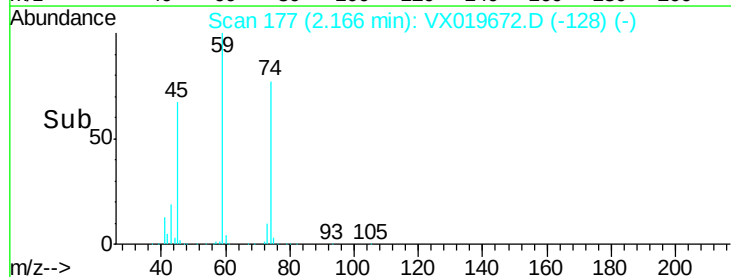
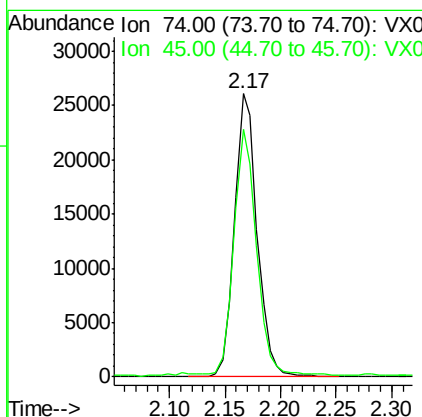
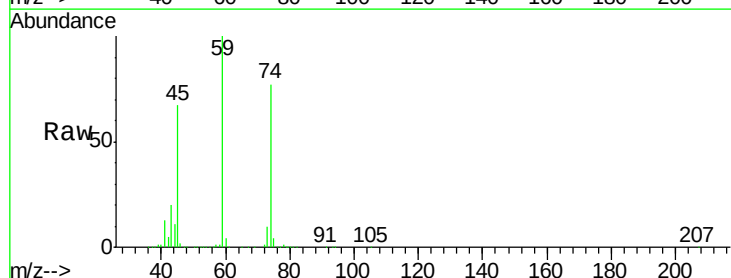
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12/1/2020 9:35:55 AM

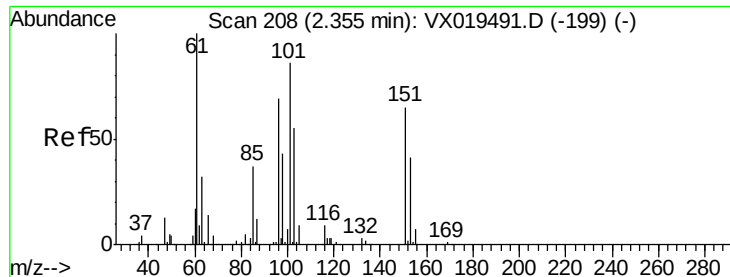


#8

Diethyl Ether
Concen: 18.975 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.8	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.642 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

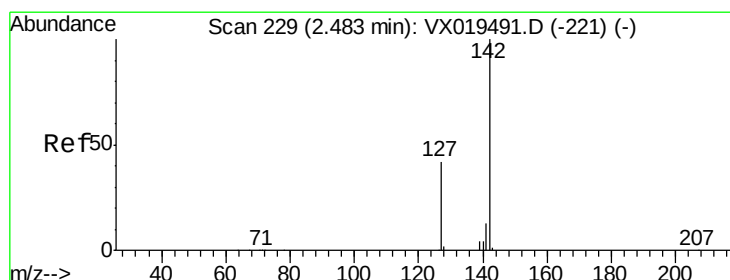
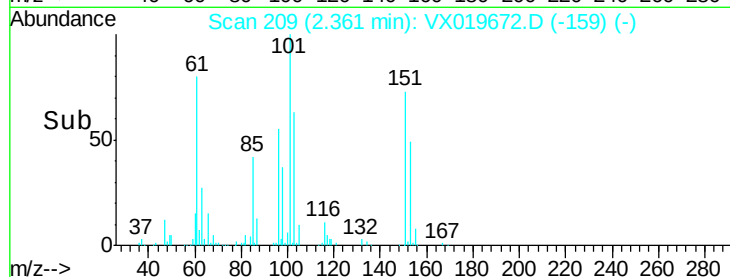
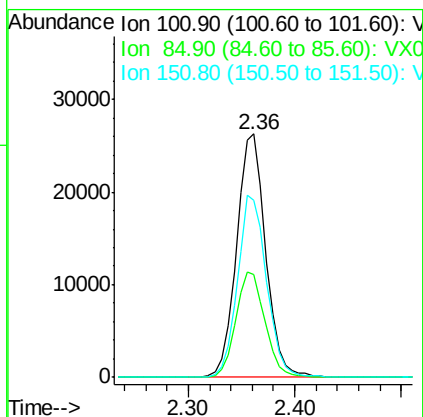
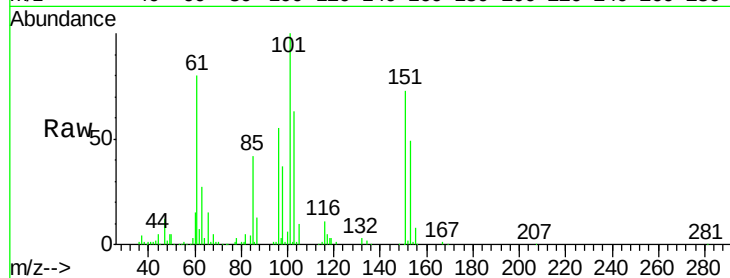
ClientSampleId :

VX1130WBSD01

Tot Ion:	101	Resp:	50343
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	75.1	60.9	91.3

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#10

Methyl Iodide

Concen: 18.073 ug/l

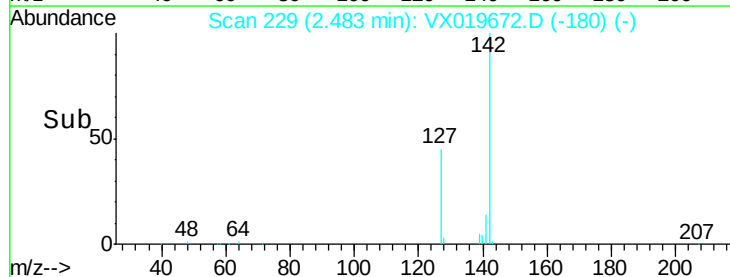
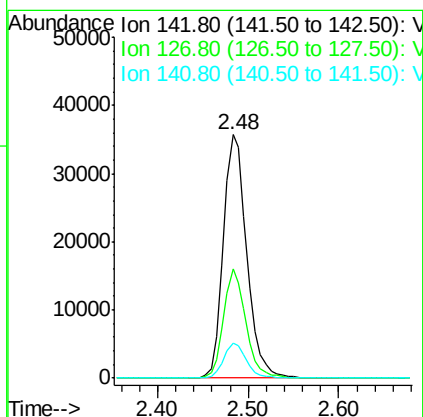
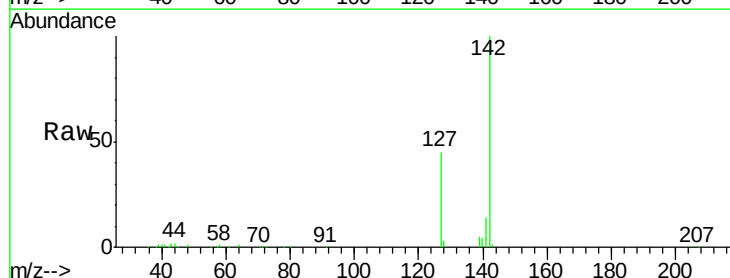
RT: 2.48 min Scan# 229

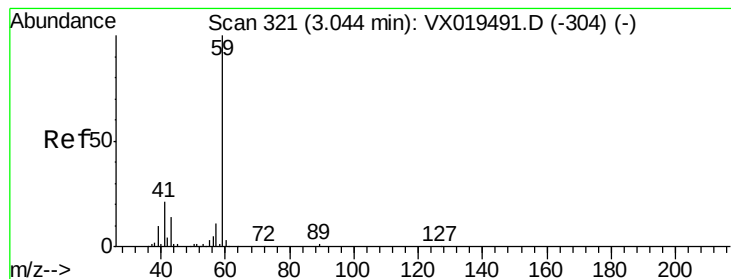
Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	142	Resp:	64118
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.0	11.0	16.6





#11

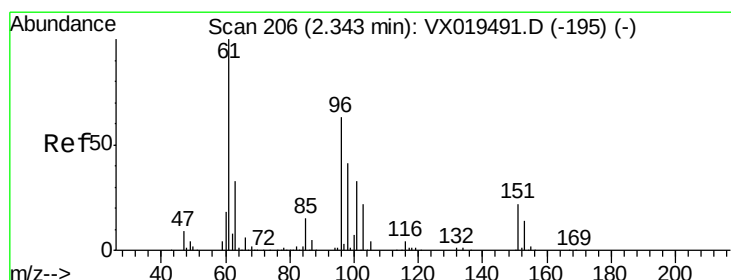
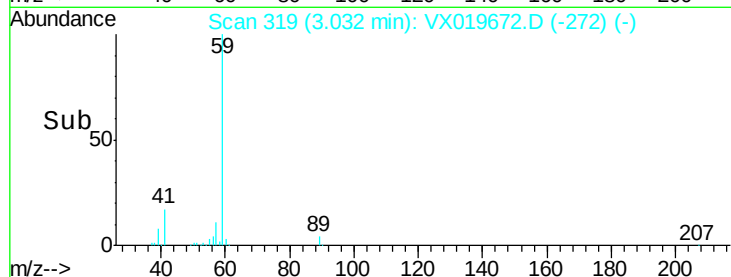
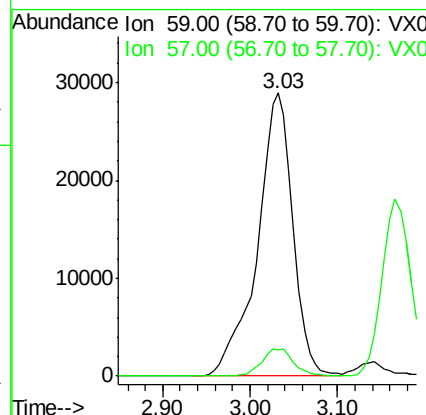
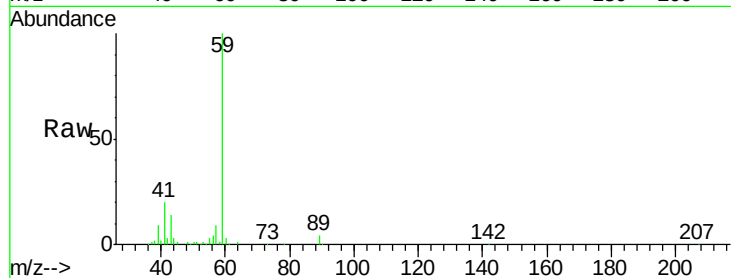
Tert butyl alcohol
Concen: 119.641 ug/l
RT: 3.03 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	81965		
57	57	8.8		7.9	11.9

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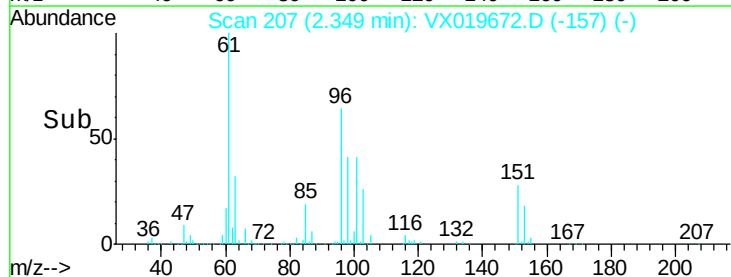
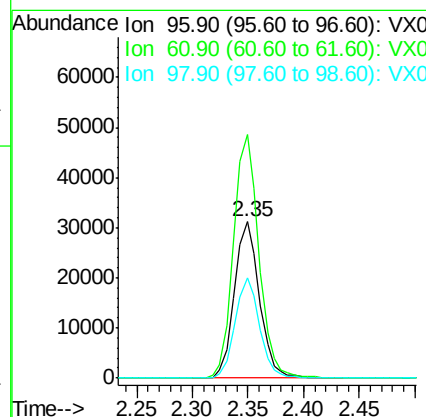
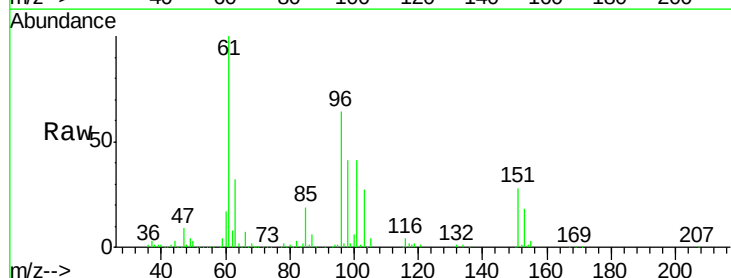
MMDadoda
12/1/2020 9:35:55 AM

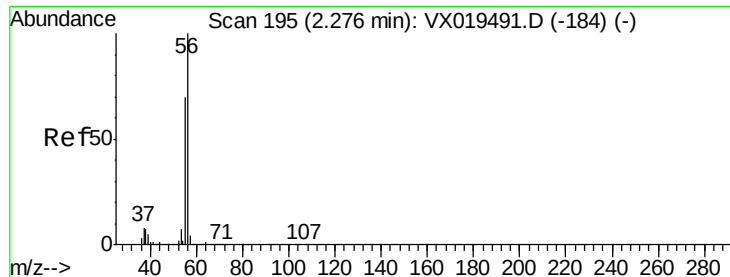


#12

1,1-Dichloroethene
Concen: 17.588 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	48750		
61	61	155.8		126.0	189.0
98	98	64.6		52.0	78.0





#13

Acrolein

Concen: 69.407 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 56 Resp: 31963

Ion Ratio Lower Upper

56 100

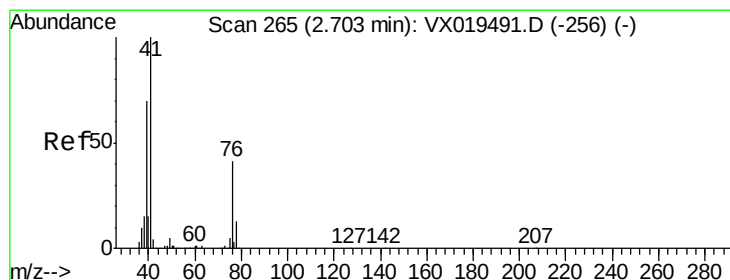
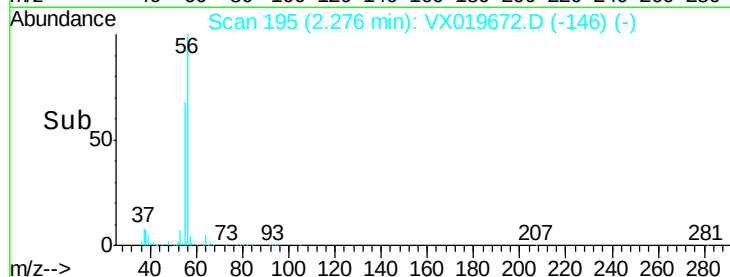
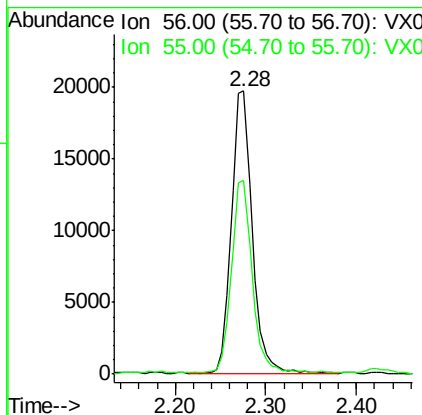
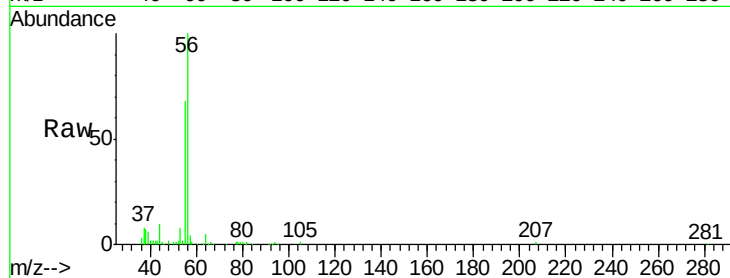
55 66.1 55.5 83.3

Manual Integrations

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12/1/2020 9:35:55 AM



#14

Allyl chloride

Concen: 18.600 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

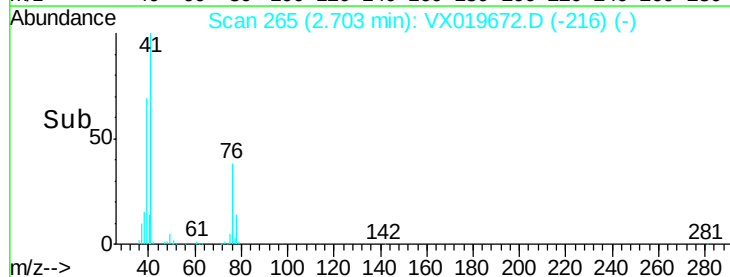
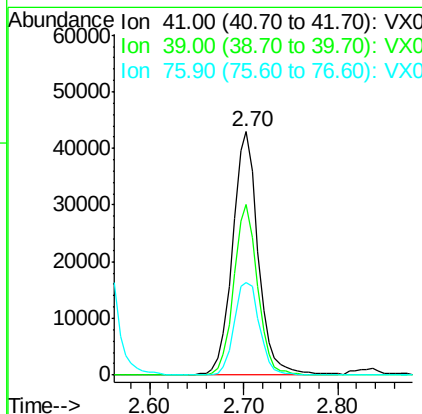
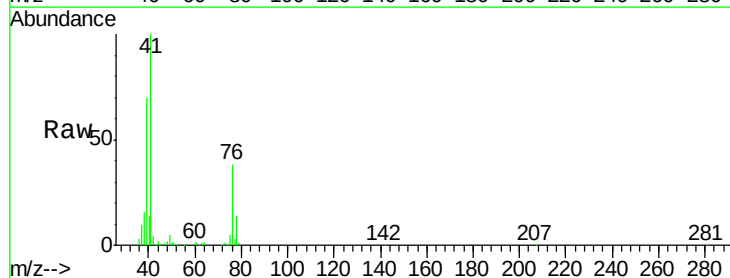
Tgt Ion: 41 Resp: 80768

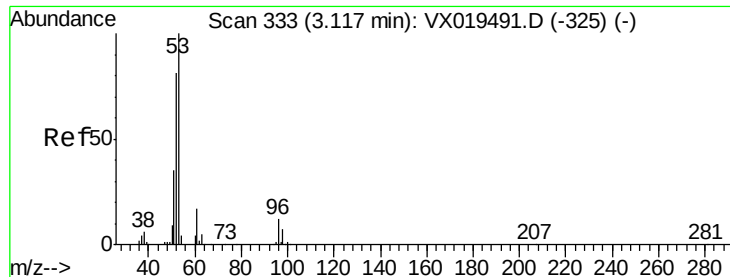
Ion Ratio Lower Upper

41 100

39 65.9 53.0 79.4

76 37.9 31.0 46.6





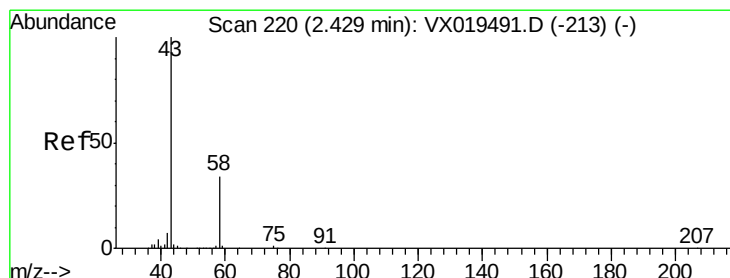
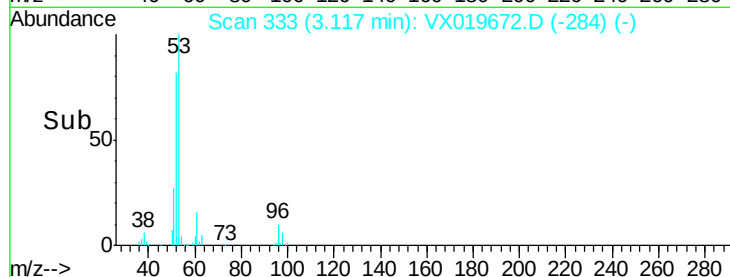
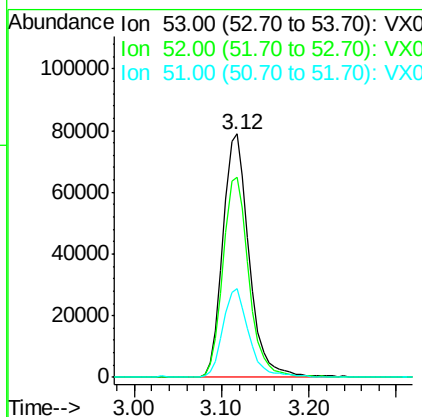
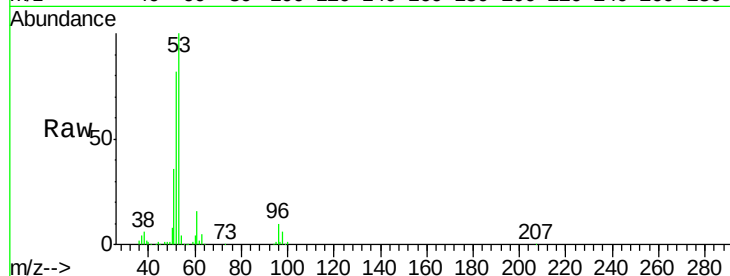
#15
 Acrylonitrile
 Concen: 101.454 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion:	53	Resp:	163918
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.2
51	35.9	28.5	42.7

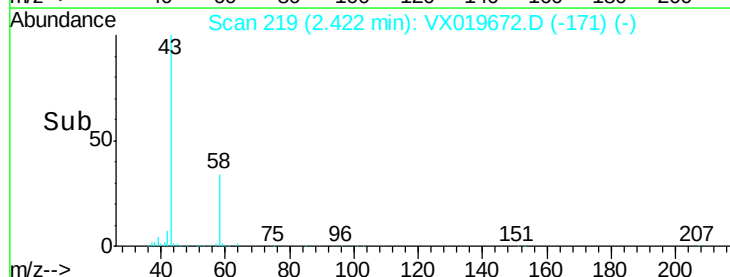
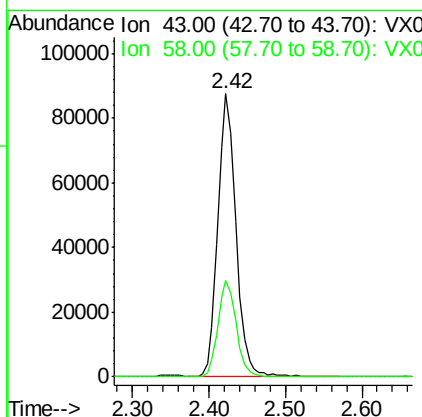
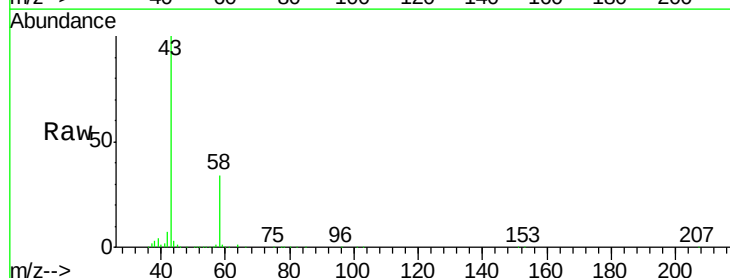
Manual Integrations
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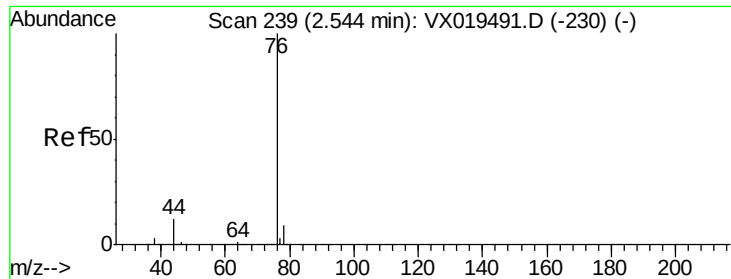
MMDadoda
 12/1/2020 9:35:55 AM



#16
 Acetone
 Concen: 101.757 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion:	43	Resp:	142452
Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.4	41.2





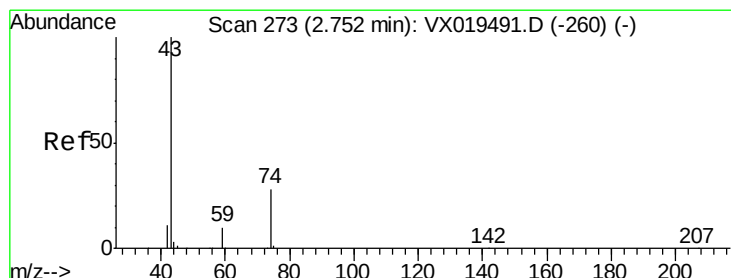
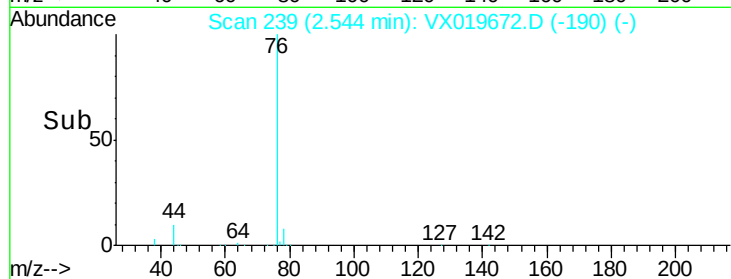
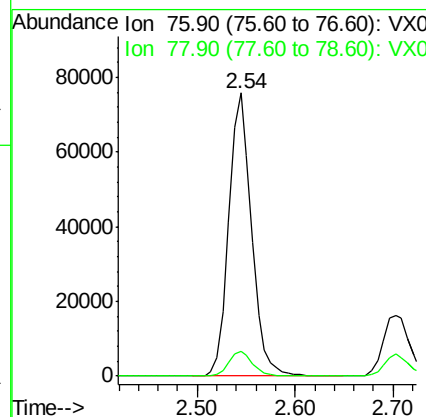
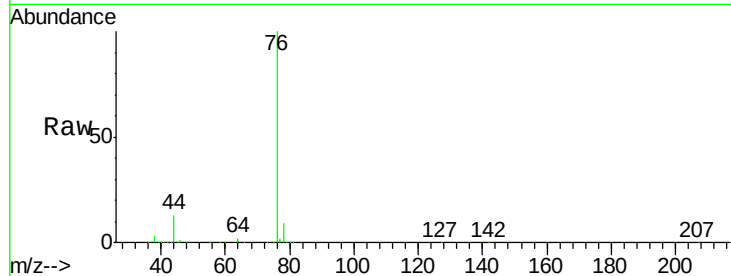
#17
Carbon Disulfide
Concen: 16.411 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

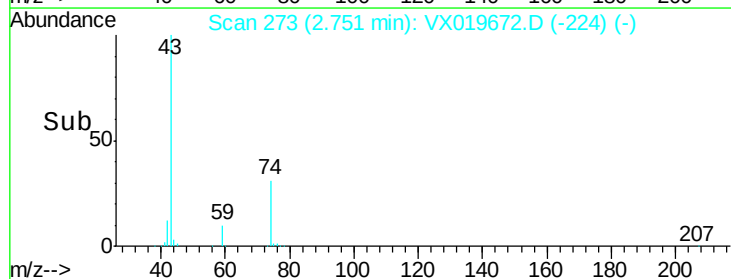
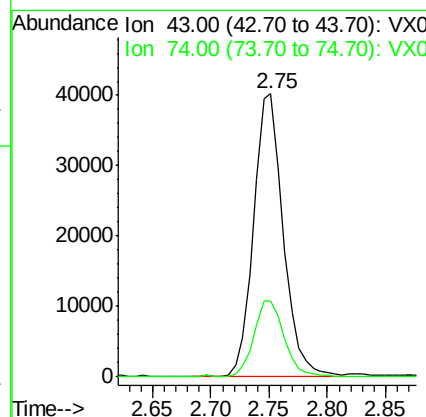
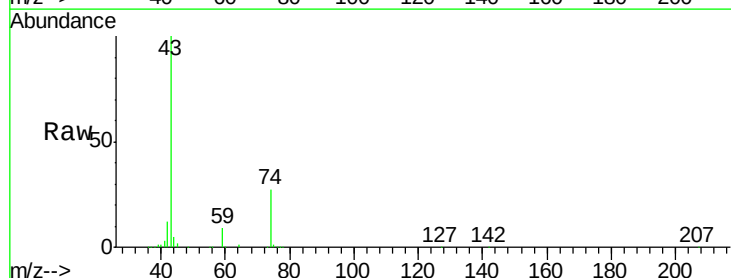
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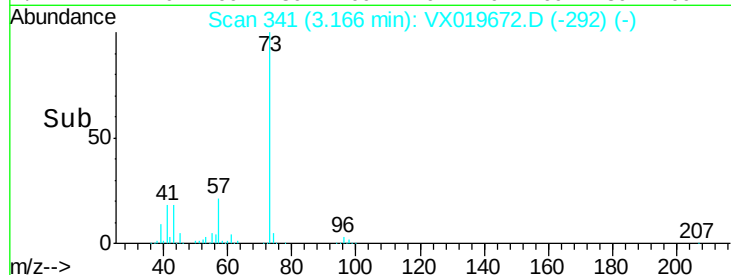
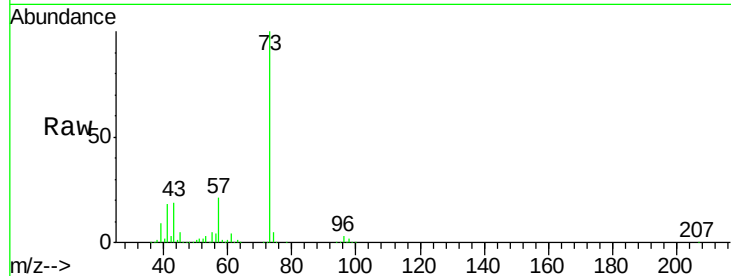
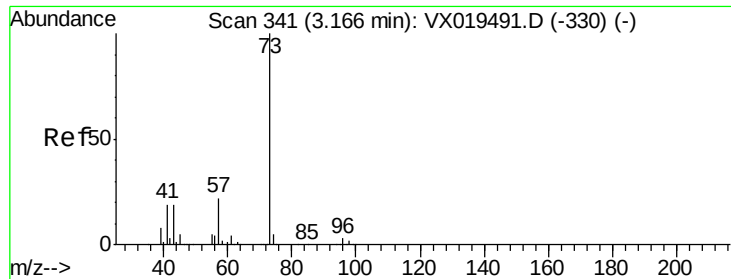
MMDadoda
12/1/2020 9:35:55 AM



#18
Methyl Acetate
Concen: 21.062 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.9	22.2	33.4





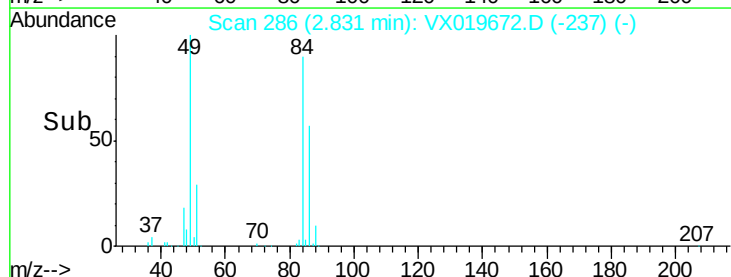
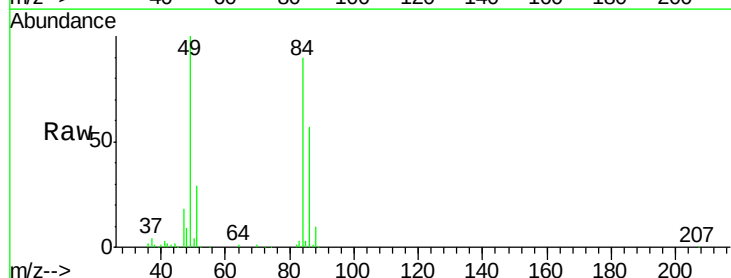
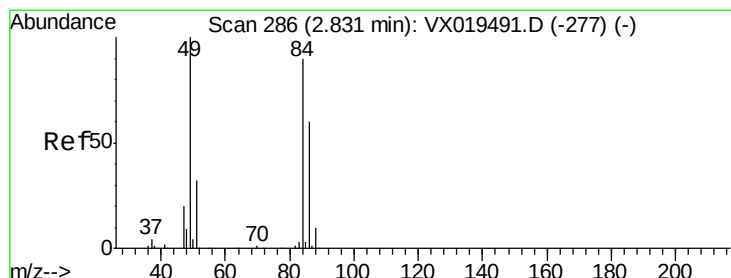
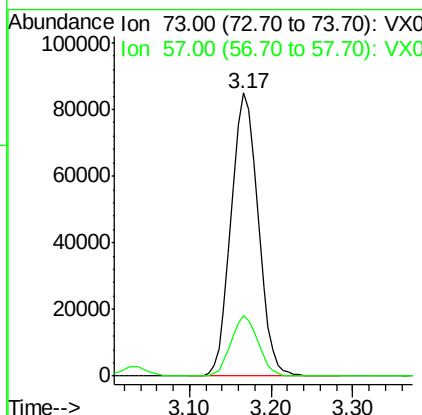
#19
Methyl tert-butyl Ether
Concen: 20.396 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.3	25.9

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

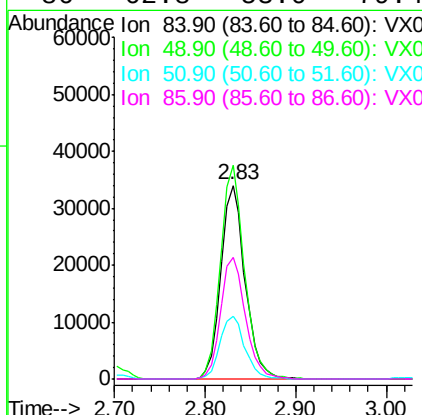
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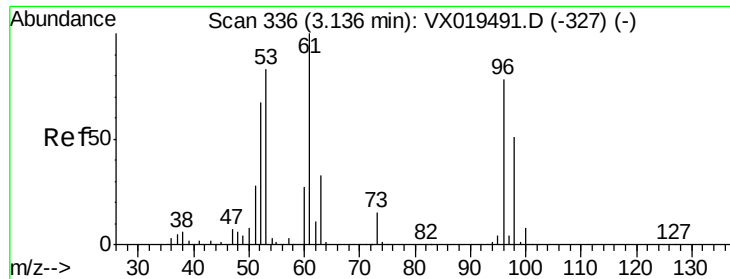
MMDadoda
12/1/2020 9:35:55 AM



#20
Methylene Chloride
Concen: 18.107 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.5	88.5	132.7
51	32.5	28.0	42.0
86	62.8	53.0	79.4





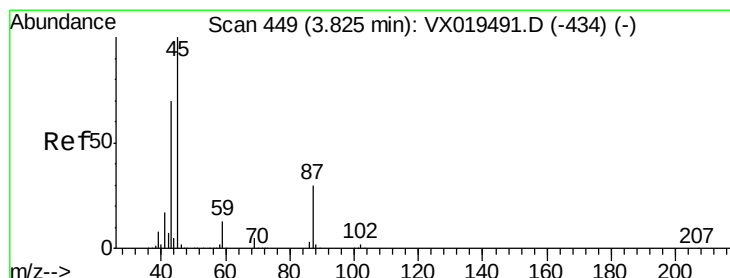
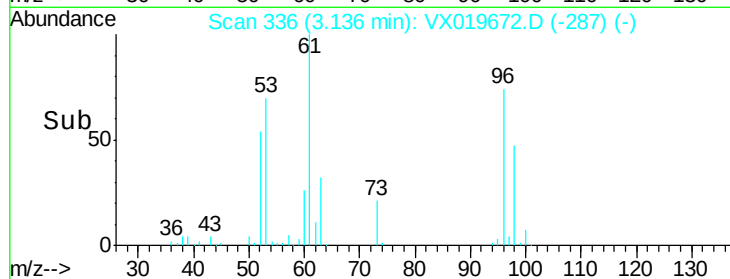
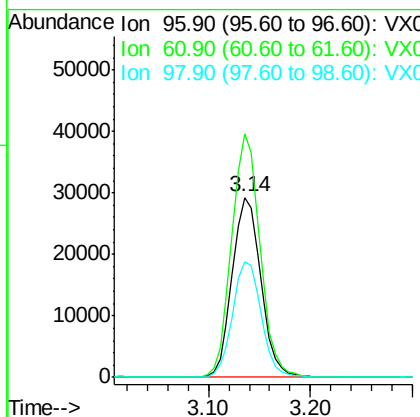
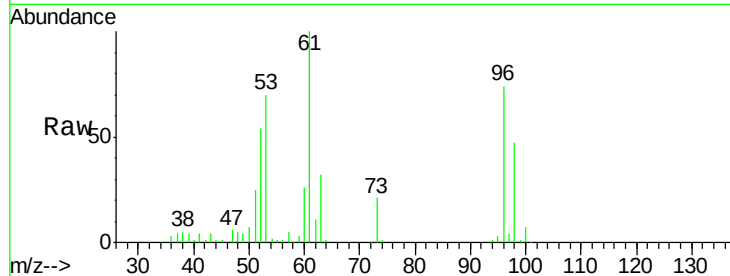
#21
trans-1,2-Dichloroethene
Concen: 18.161 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	102.9	154.3
98	64.1	52.1	78.1

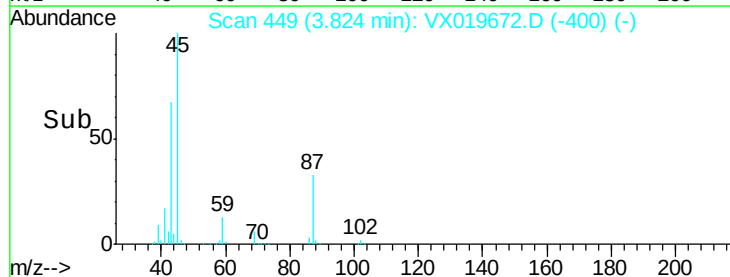
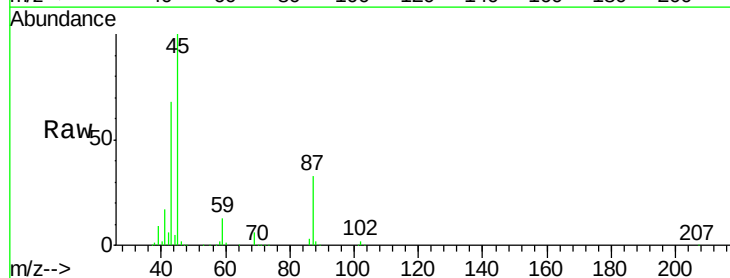
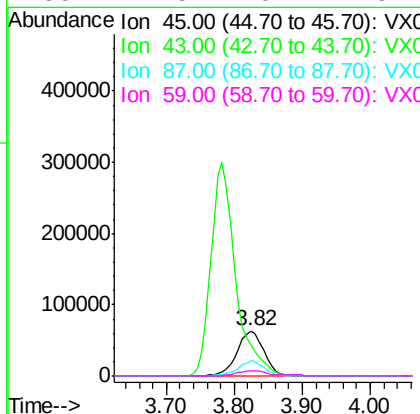
Manual Integrations
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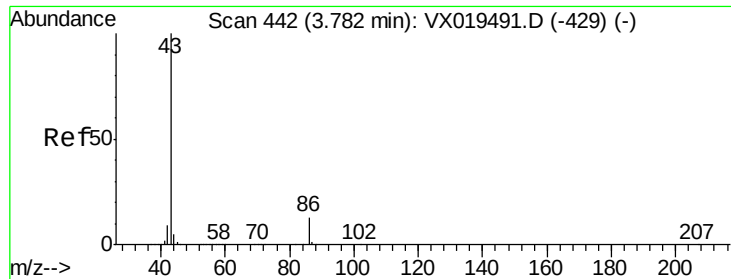
MMDadoda
12/1/2020 9:35:55 AM



#22
Diisopropyl ether
Concen: 19.530 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.0	56.1	84.1
87	32.9	24.2	36.2
59	12.5	10.2	15.2





#23

Vinyl Acetate

Concen: 100.678 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 43 Resp: 758585

Ion Ratio Lower Upper

43 100

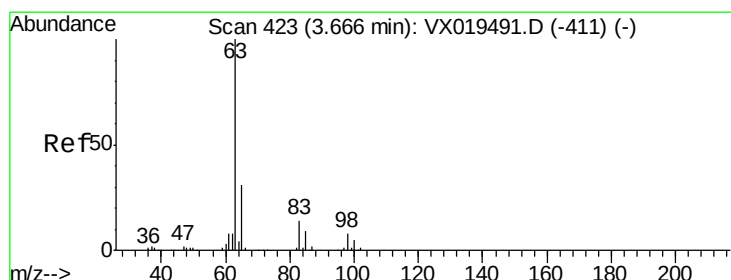
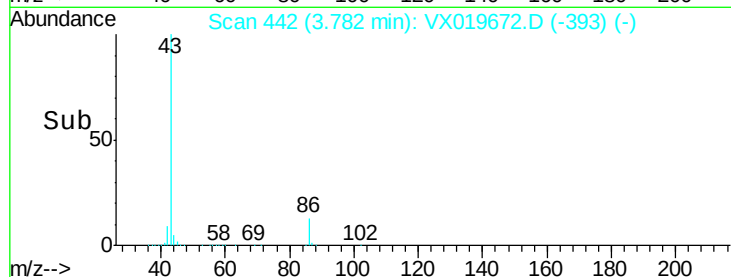
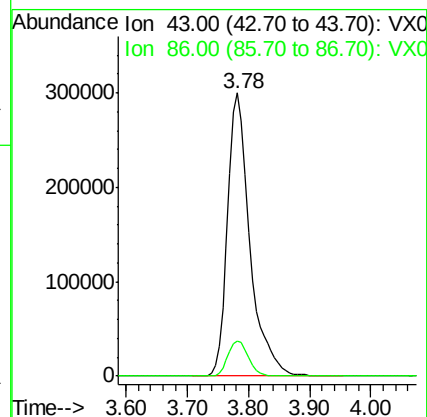
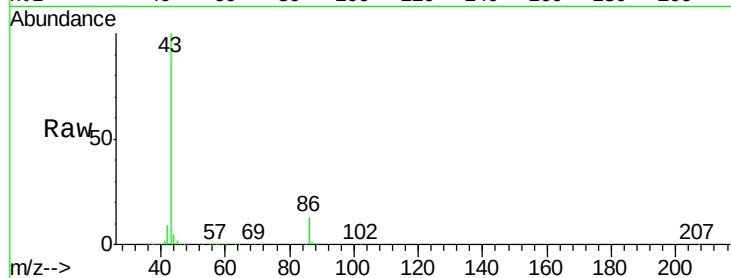
86 12.6 10.2 15.2

Manual Integrations

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12/1/2020 9:35:55 AM



#24

1,1-Dichloroethane

Concen: 19.001 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

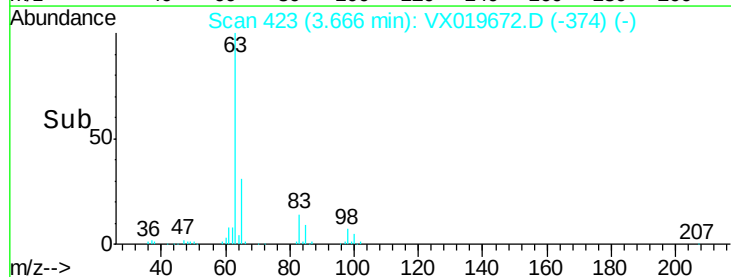
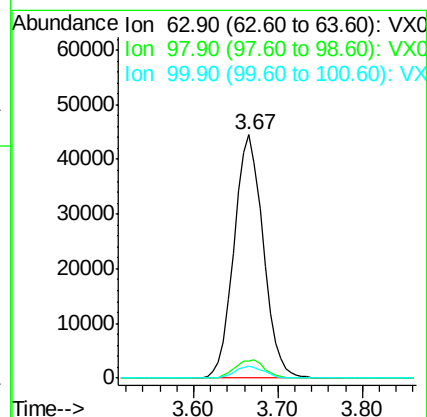
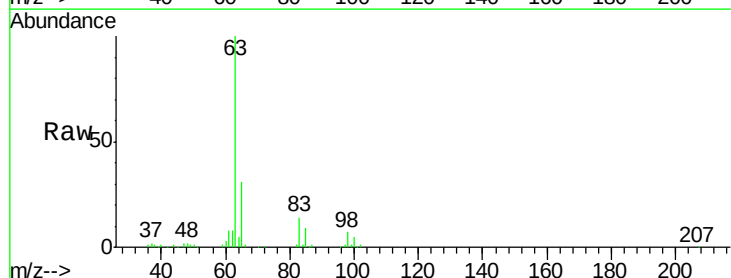
Tgt Ion: 63 Resp: 104398

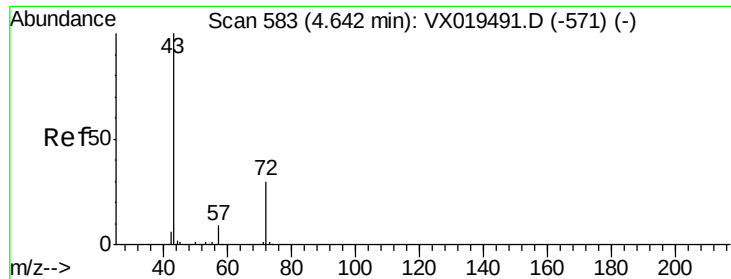
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 100.917 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 43 Resp: 212225

Ion Ratio Lower Upper

43 100

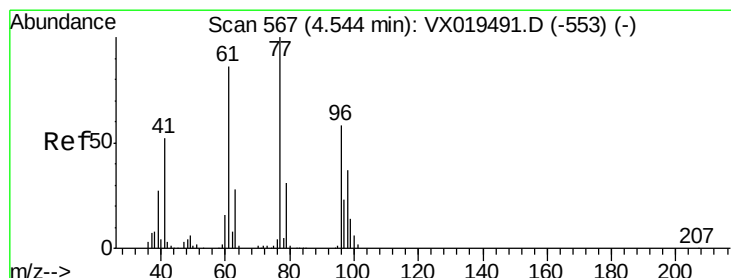
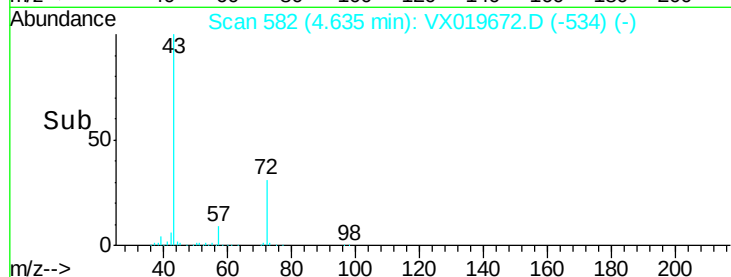
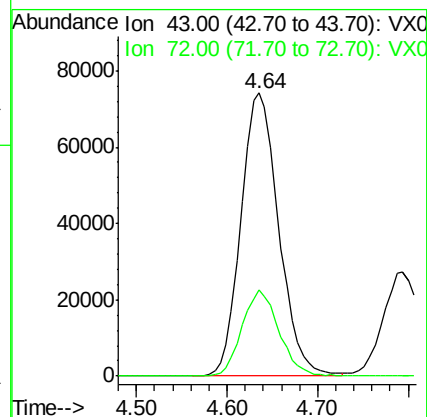
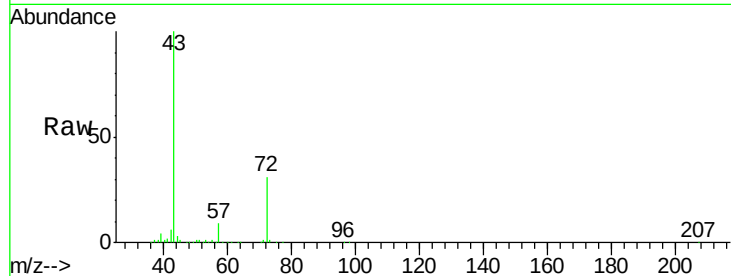
72 30.5 24.0 36.0

Manual Integrations

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MMDadoda

12/1/2020 9:35:55 AM



#26

2,2-Dichloropropane

Concen: 18.498 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019672.D

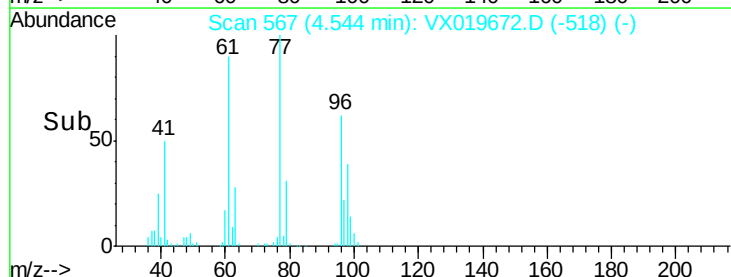
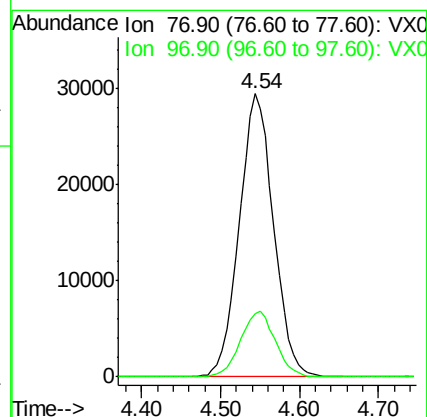
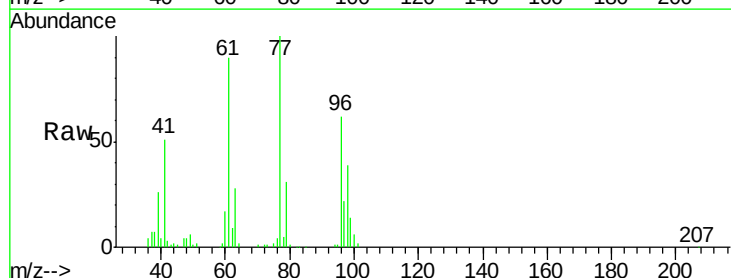
Acq: 30 Nov 2020 12:03

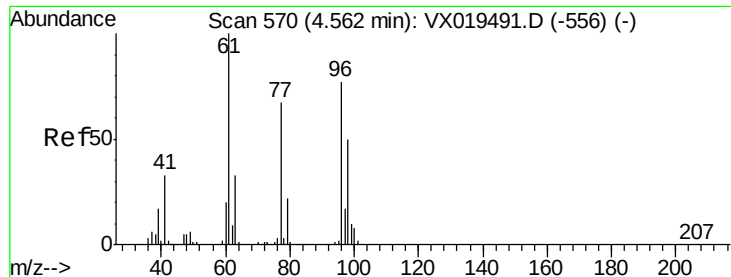
Tgt Ion: 77 Resp: 88711

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.8





#27

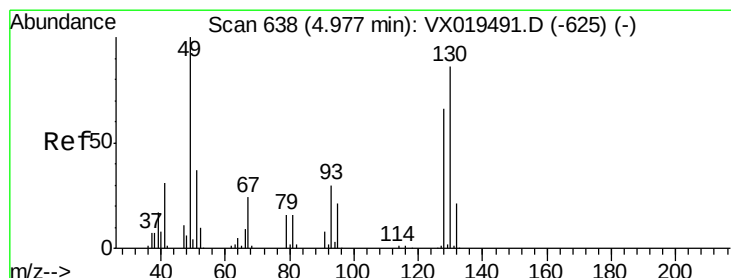
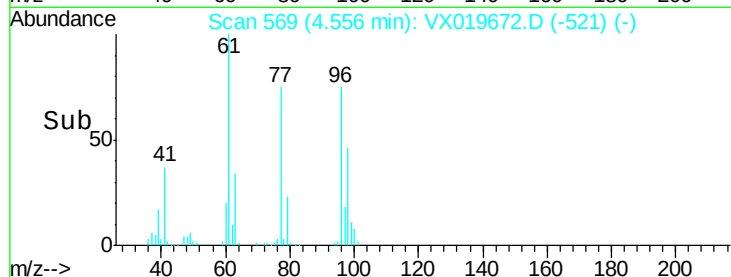
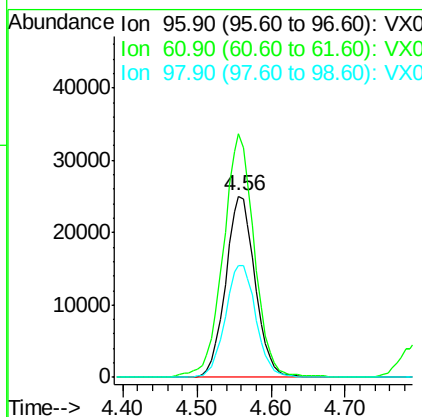
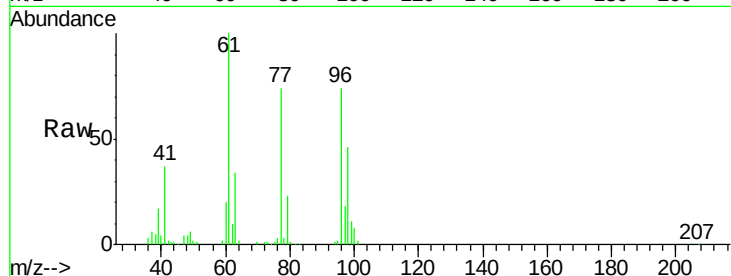
cis-1,2-Dichloroethene
Concen: 19.130 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	279.2
98	64.3	0.0	129.8

Manual Integrations
APPROVED

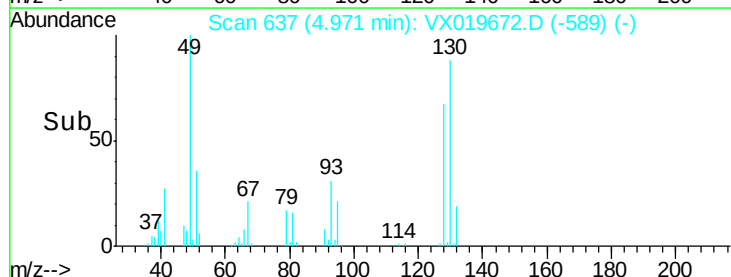
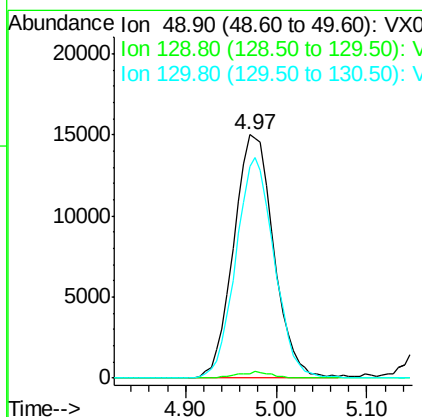
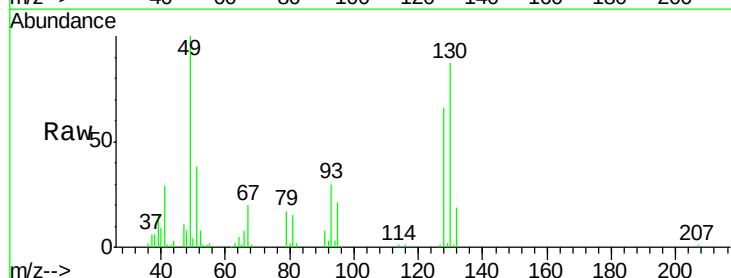
MMDadoda
12/1/2020 9:35:55 AM

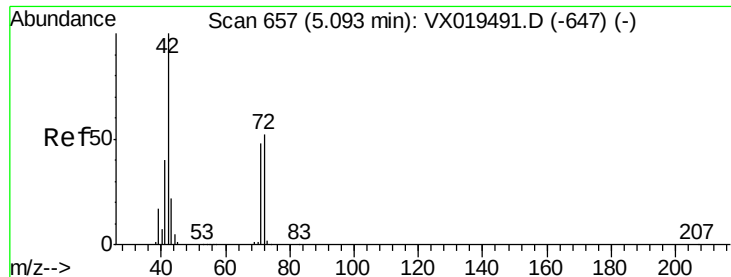


#28

Bromochloromethane
Concen: 17.557 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	86.6	69.0	103.6





#29

Tetrahydrofuran

Concen: 99.792 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

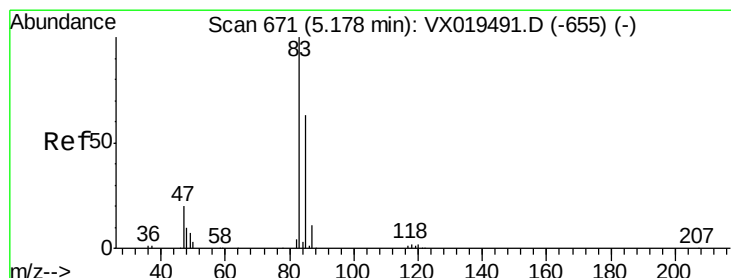
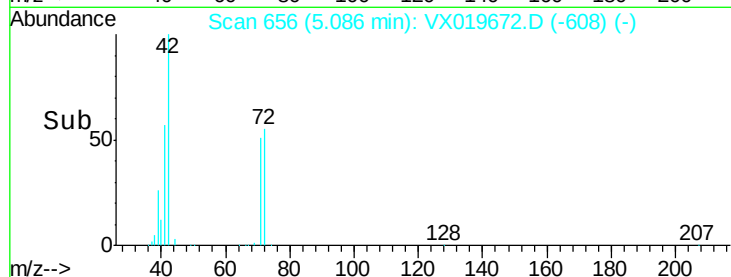
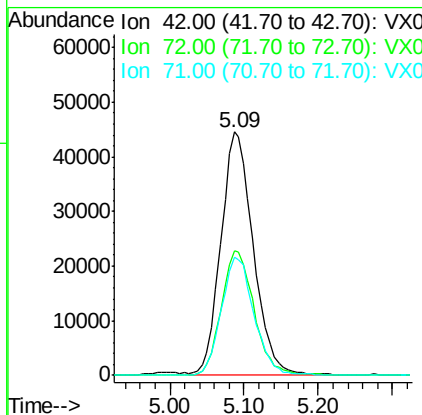
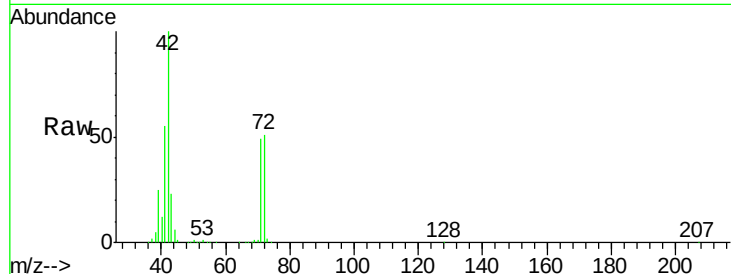
ClientSampleId :

VX1130WBSD01

Tot Ion:	42	Resp:	133900
Ion	Ratio	Lower	Upper
42	100		
72	52.8	42.6	63.8
71	49.4	39.0	58.6

Manual Integrations
APPROVED

MMDadoda
12/1/2020 9:35:55 AM



#30

Chloroform

Concen: 19.113 ug/l

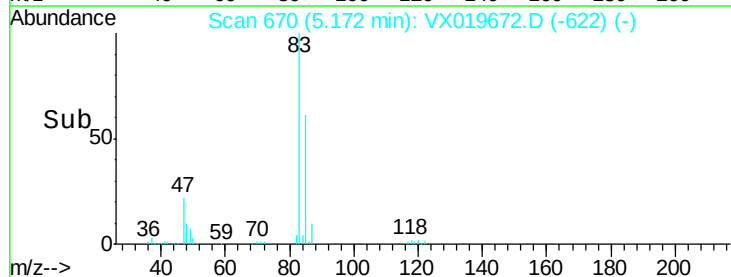
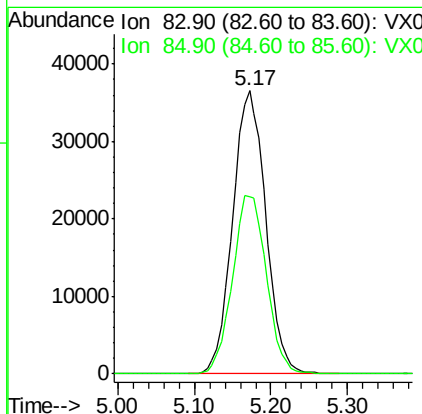
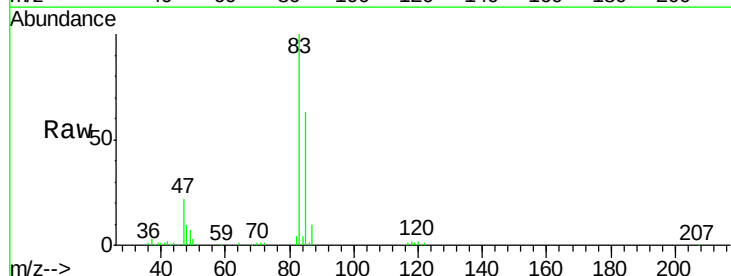
RT: 5.17 min Scan# 670

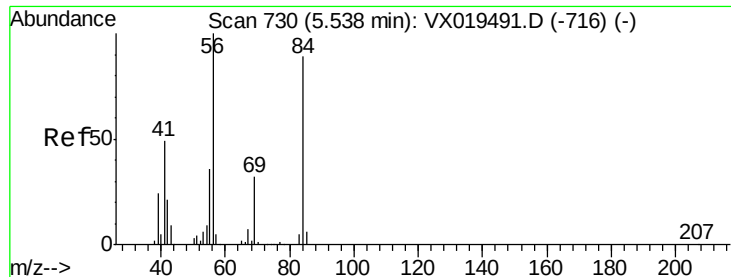
Delta R.T. -0.01 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	83	Resp:	109810
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.5	75.7





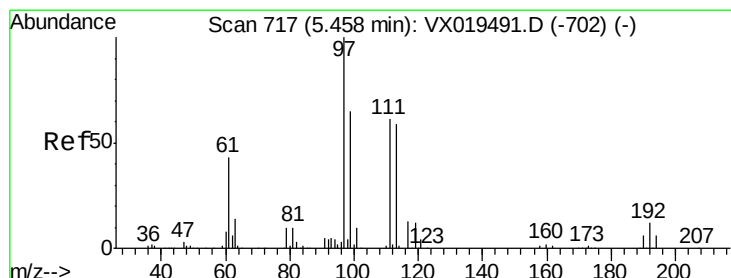
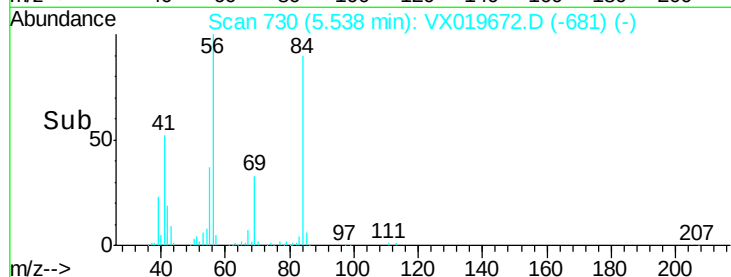
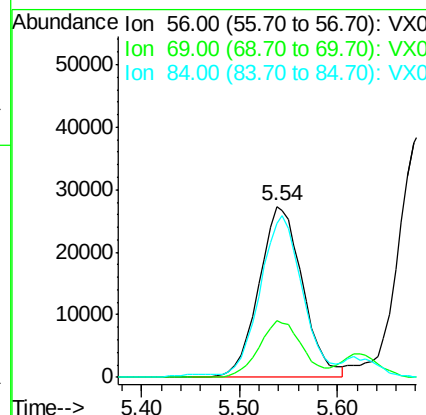
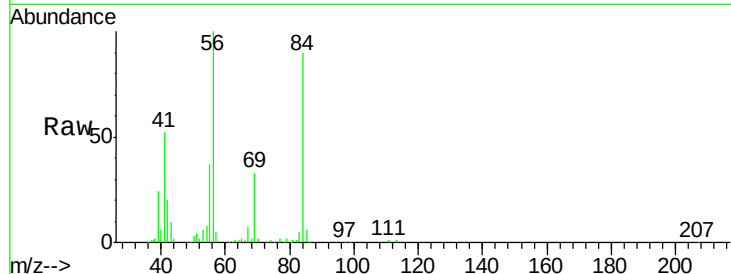
#31
Cyclohexane
Concen: 18.021 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.1	25.5	38.3	
84	88.9	71.1	106.7	

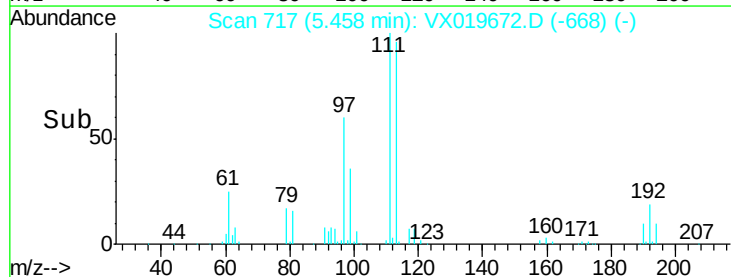
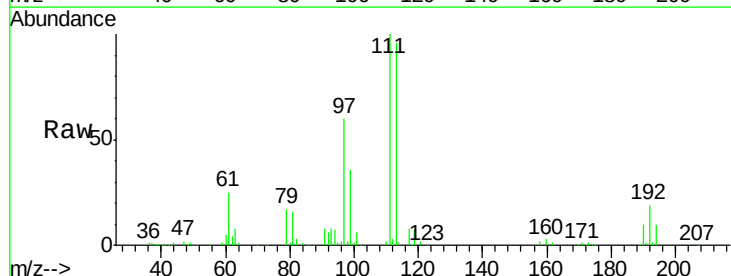
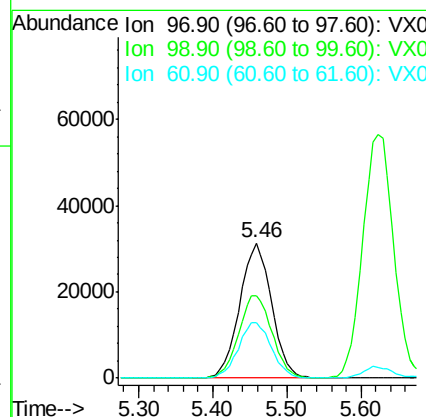
Manual Integrations
APPROVED

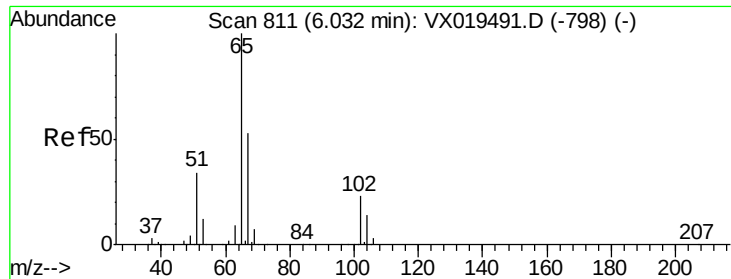
MMDadoda
12/1/2020 9:35:55 AM



#32
1,1,1-Trichloroethane
Concen: 19.077 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.6	51.4	77.0	
61	42.8	34.2	51.2	





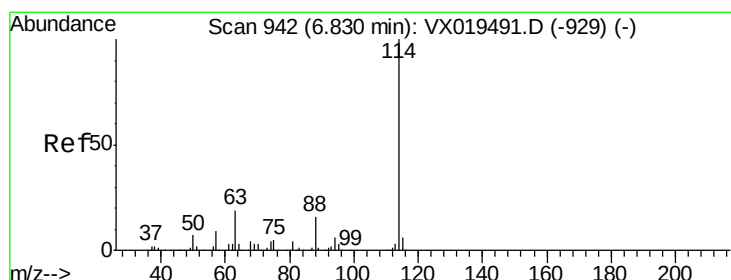
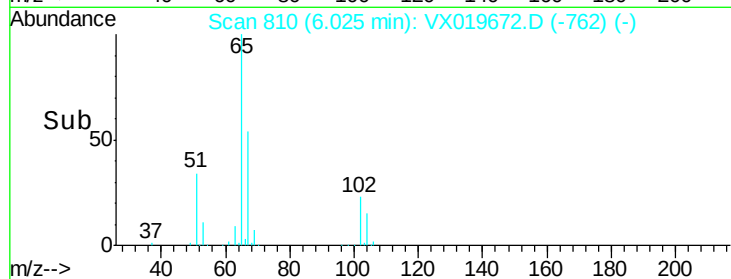
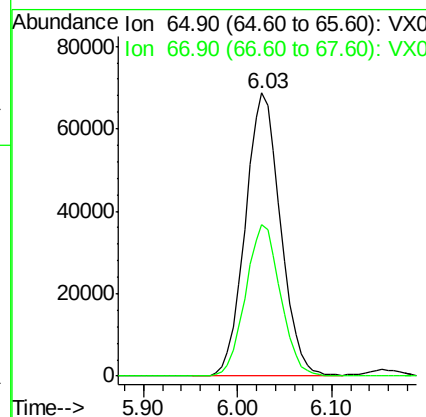
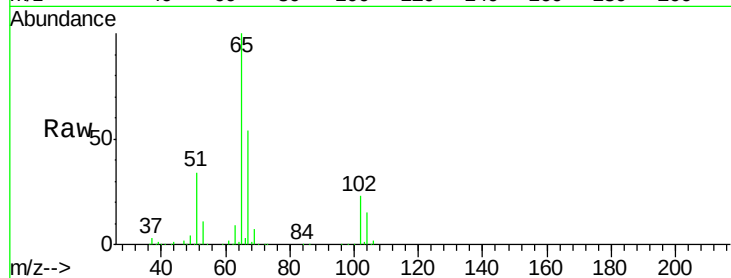
#33
 1,2-Dichloroethane-d4
 Concen: 49.651 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179739		
67	53.3	0.0	105.0	

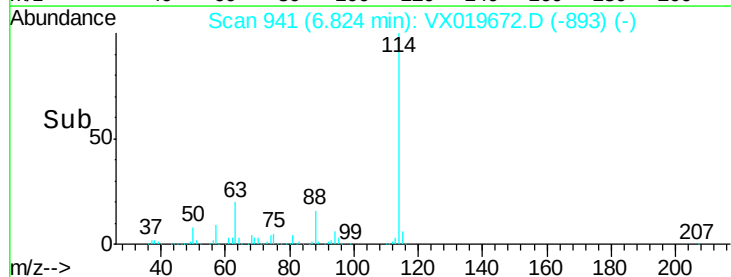
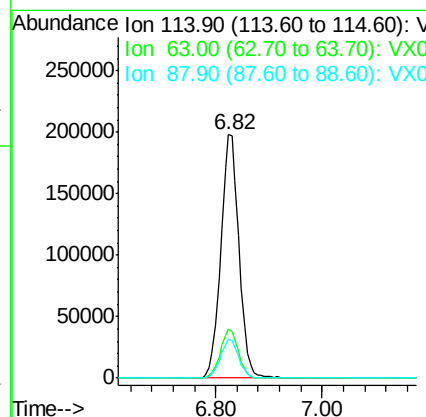
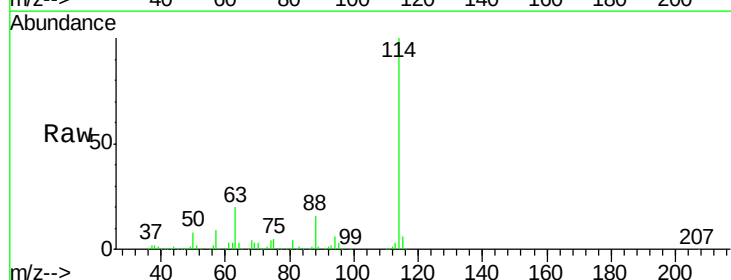
Manual Integrations
 APPROVED

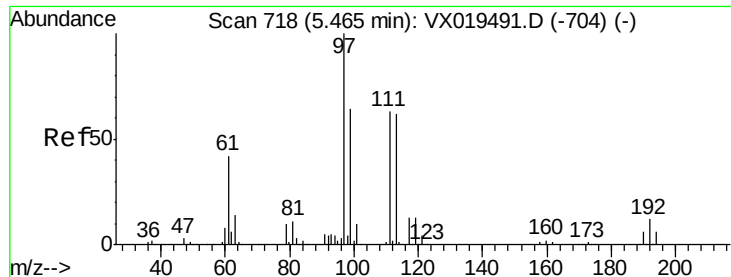
MMDadoda
 12/1/2020 9:35:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	470300		
63	20.3	0.0	38.8	
88	15.8	0.0	31.6	





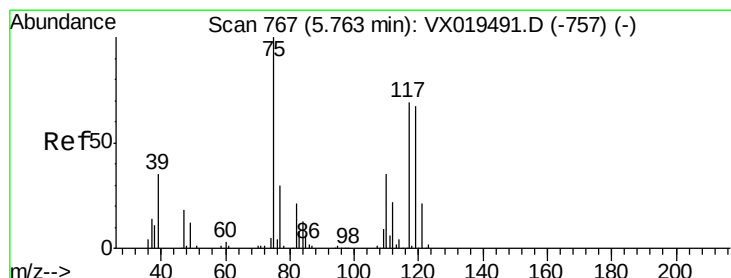
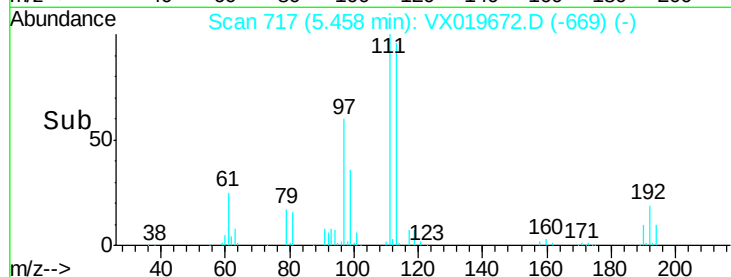
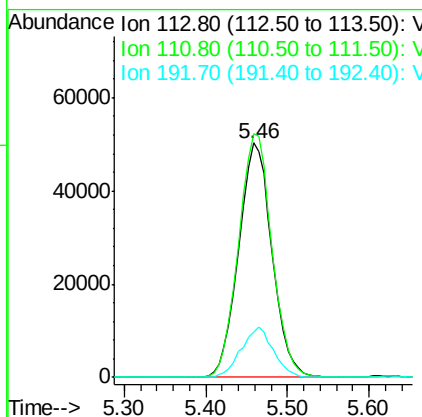
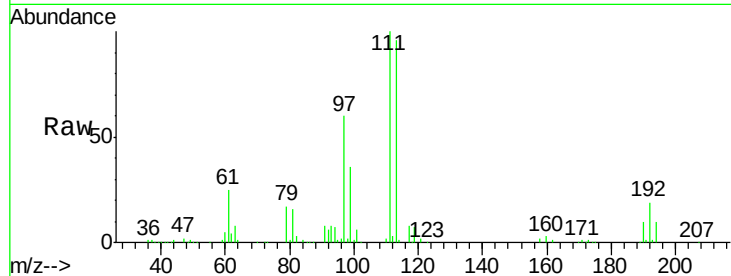
#35
 Dibromofluoromethane
 Concen: 48.390 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampled :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142850		
111	104.3	81.5	122.3	
192	20.7	16.2	24.2	

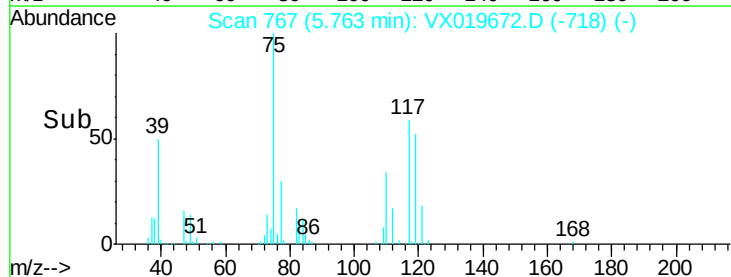
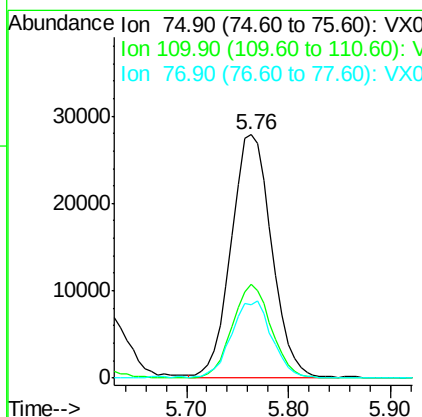
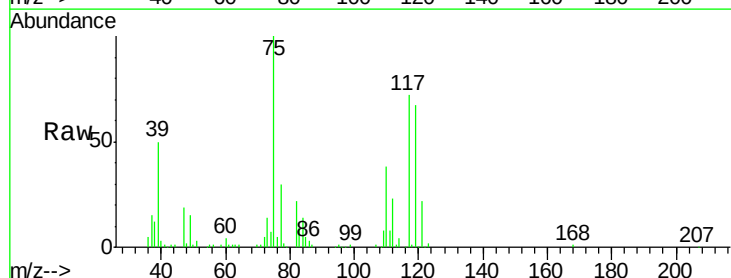
Manual Integrations
 APPROVED

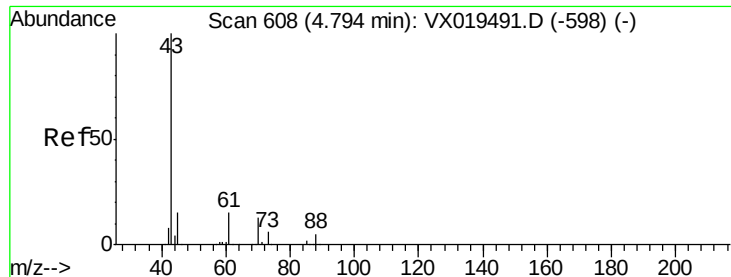
MMDadoda
 12/1/2020 9:35:55 AM



#36
 1,1-Dichloropropene
 Concen: 17.351 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76502		
110	37.2	18.1	54.3	
77	32.0	24.2	36.4	





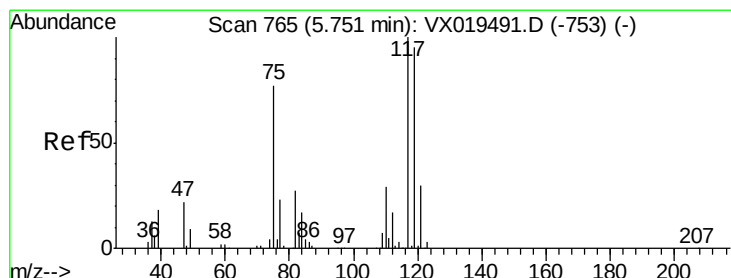
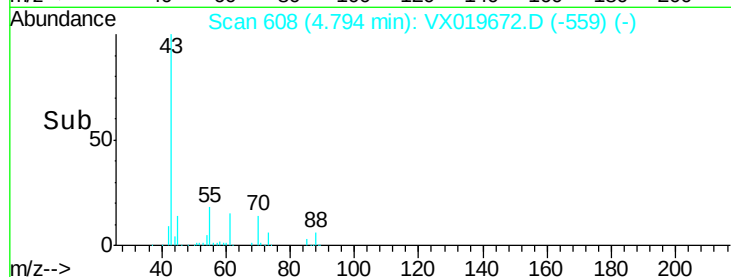
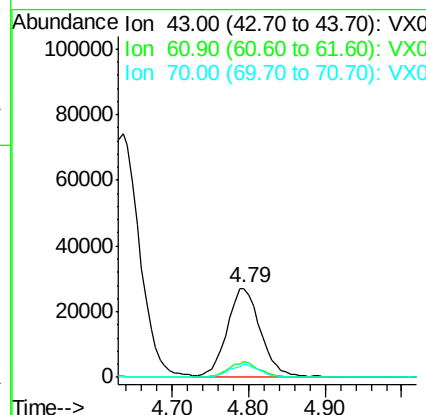
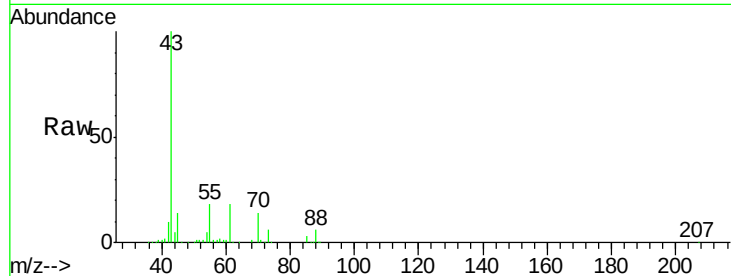
#37
Ethyl Acetate
Concen: 19.699 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleID :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.7	19.1
70	13.3	10.2	15.2

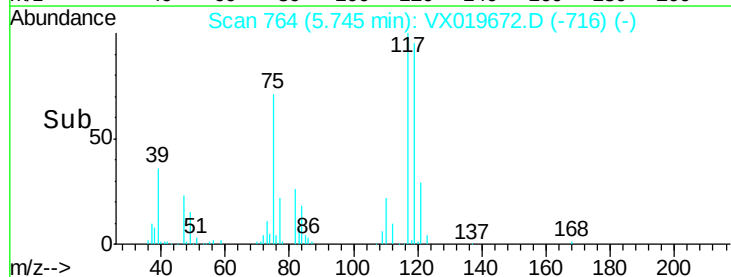
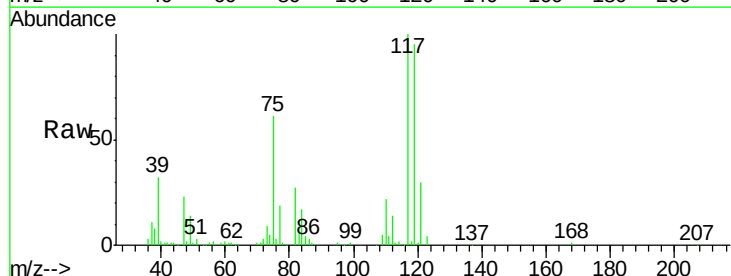
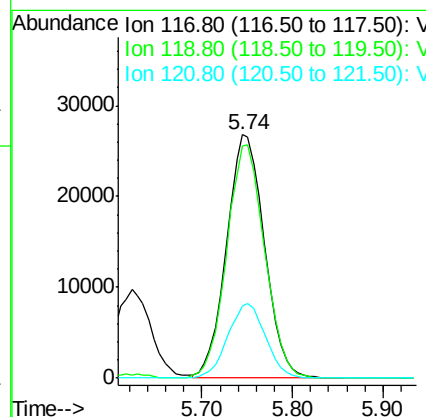
Manual Integrations
APPROVED

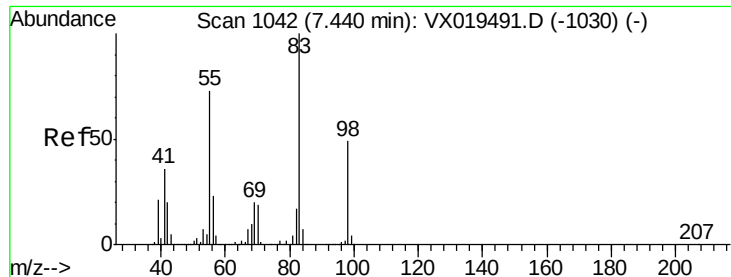
MMDadoda
12/1/2020 9:35:55 AM



#38
Carbon Tetrachloride
Concen: 18.273 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.9	113.9
121	29.8	24.0	36.0





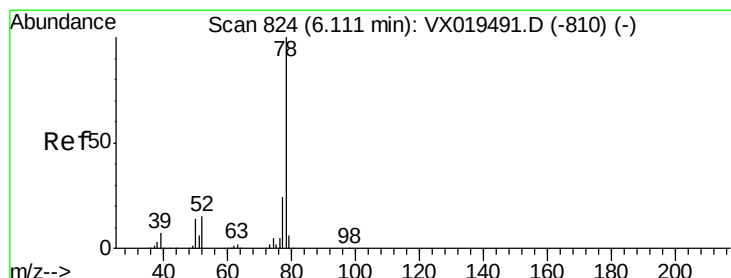
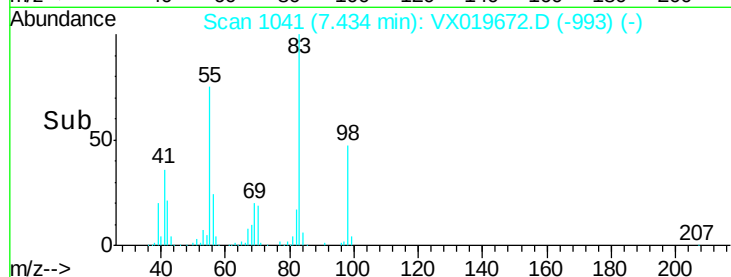
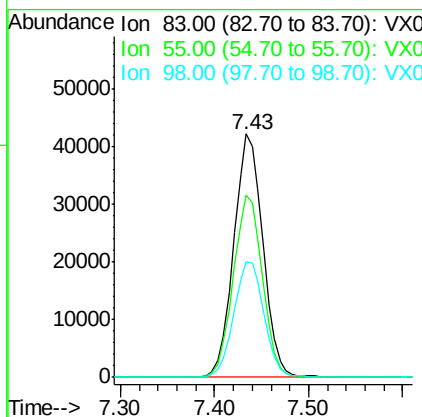
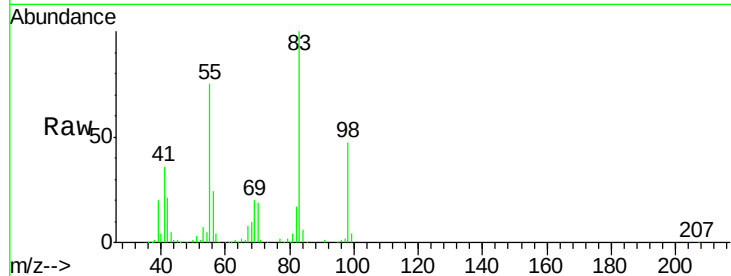
#39
Methylvlcyclohexane
Concen: 17.673 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	83	Resp	90728
Ion Ratio	Lower	Upper	
83	100		
55	74.7	58.3	87.5
98	47.5	38.9	58.3

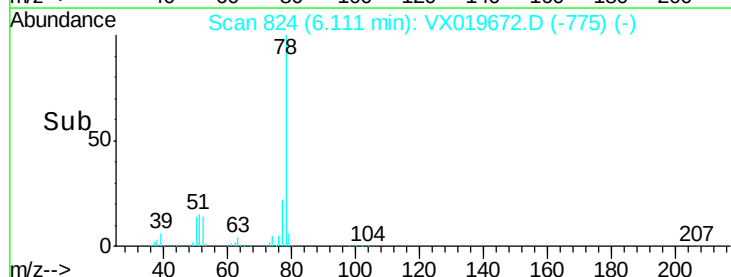
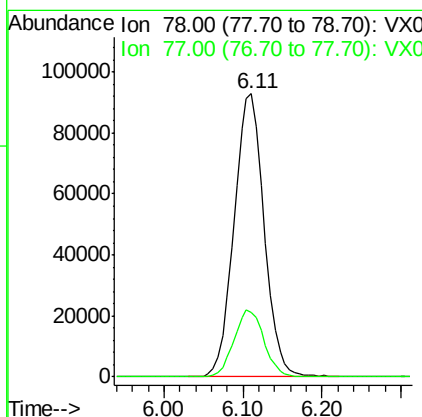
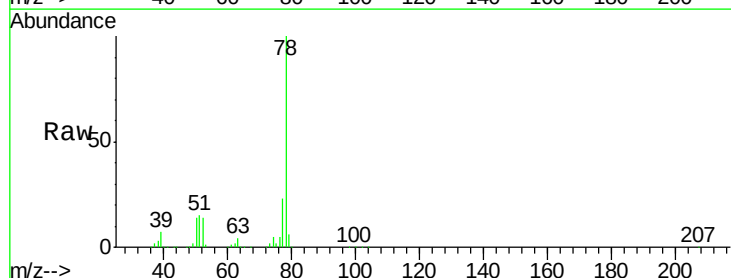
Manual Integrations
APPROVED

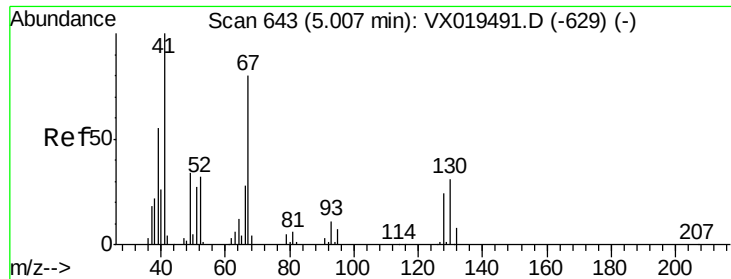
MMDadoda
12/1/2020 9:35:55 AM



#40
Benzene
Concen: 18.151 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	78	Resp	245890
Ion Ratio	Lower	Upper	
78	100		
77	22.6	18.9	28.3





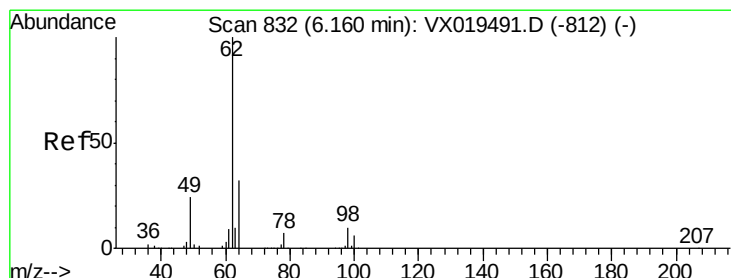
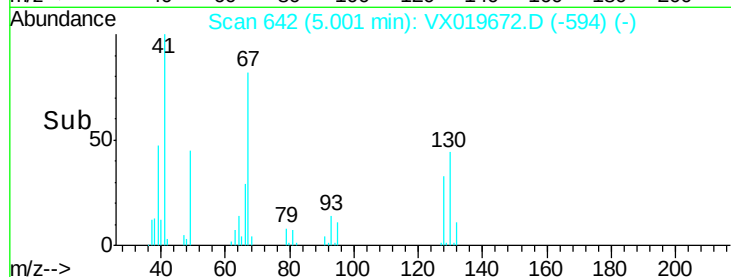
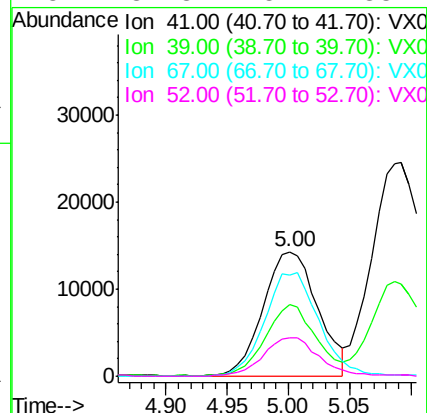
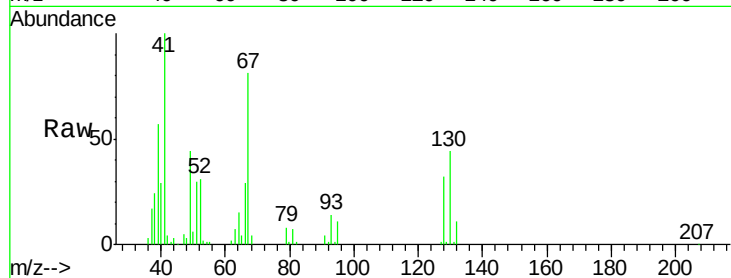
#41
Methacrylonitrile
Concen: 19.342 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		44148		
39	54.0	43.3	64.9		
67	83.9	66.0	99.0		
52	32.3	25.4	38.2		

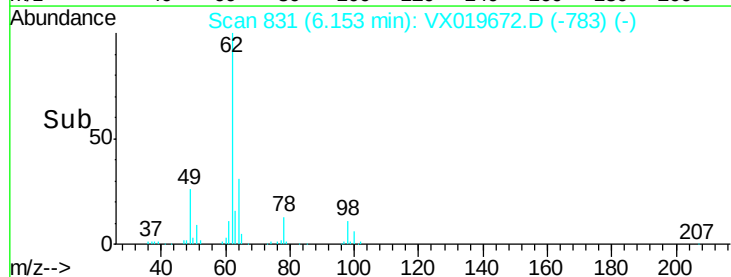
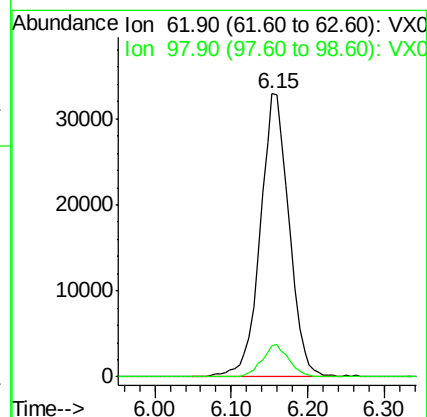
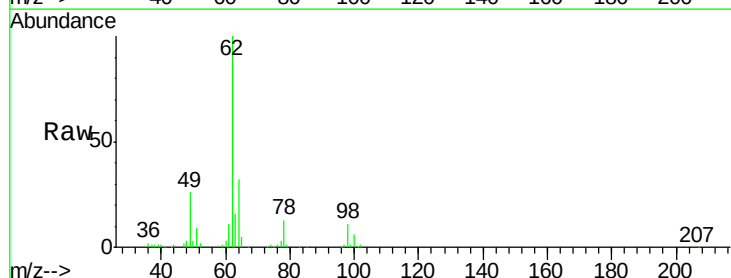
Manual Integrations
APPROVED

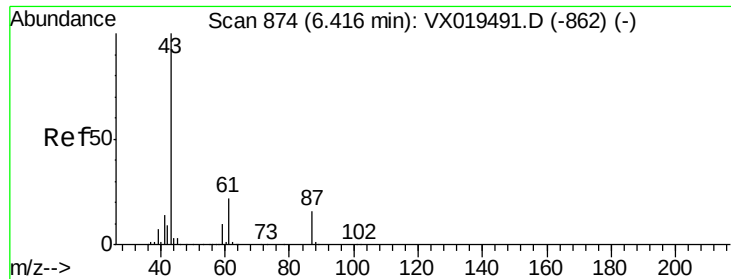
MMDadoda
12/1/2020 9:35:55 AM



#42
1,2-Dichloroethane
Concen: 18.624 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		86477		
98	10.5	0.0	20.0		





#43

Isopropyl Acetate

Concen: 19.137 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

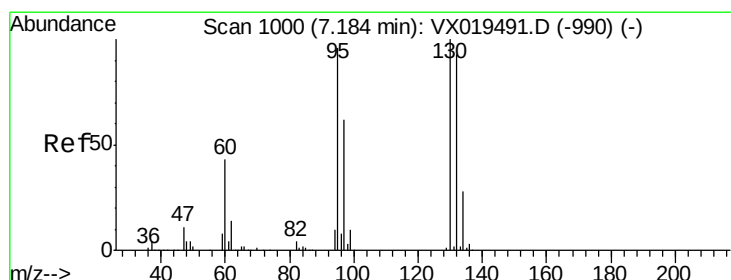
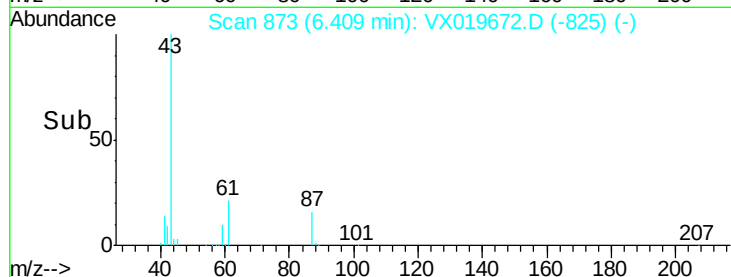
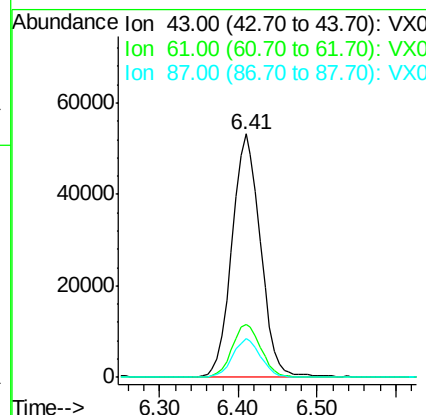
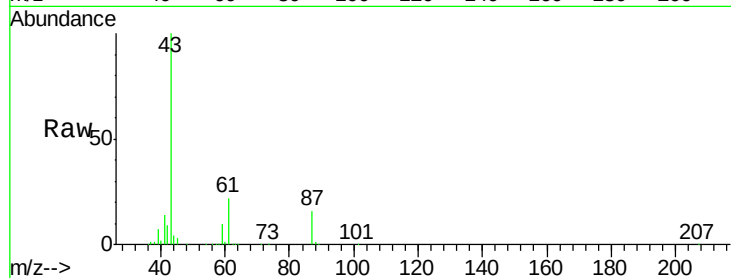
ClientSampleId :

VX1130WBSD01

Tot Ion:	43	Resp:	133154
Ion	Ratio	Lower	Upper
43	100		
61	22.4	18.2	27.2
87	15.7	12.6	18.8

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12/1/2020 9:35:55 AM



#44

Trichloroethene

Concen: 18.038 ug/l

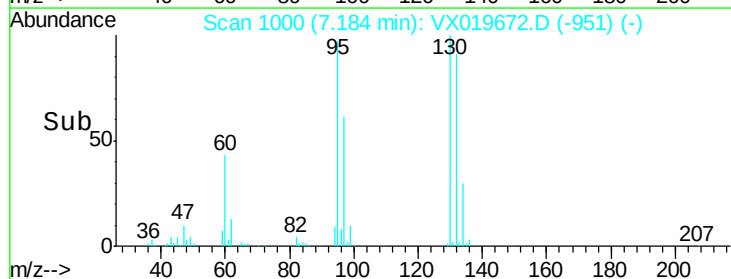
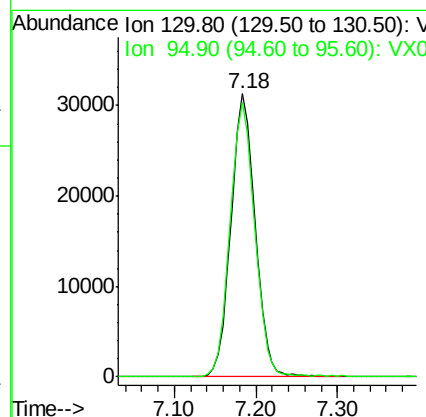
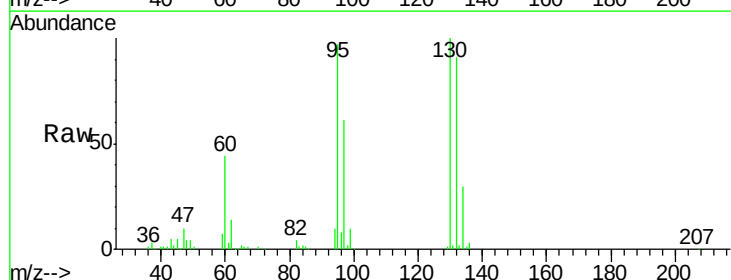
RT: 7.18 min Scan# 1000

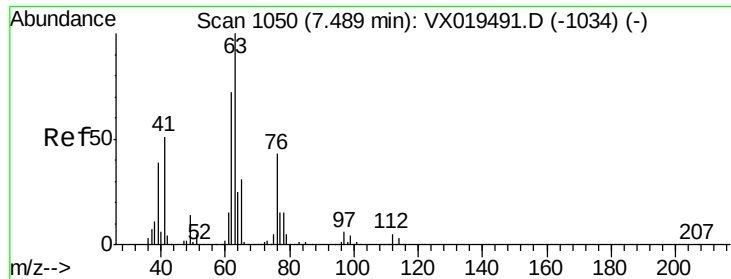
Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	130	Resp:	64008
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	191.2





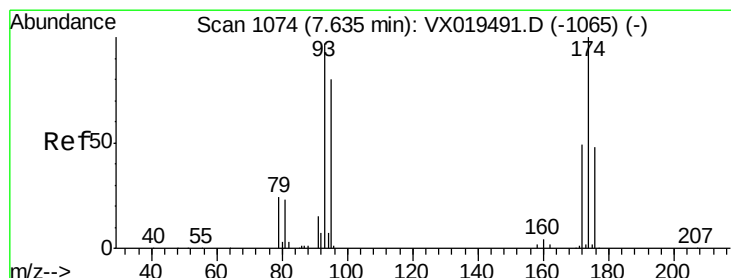
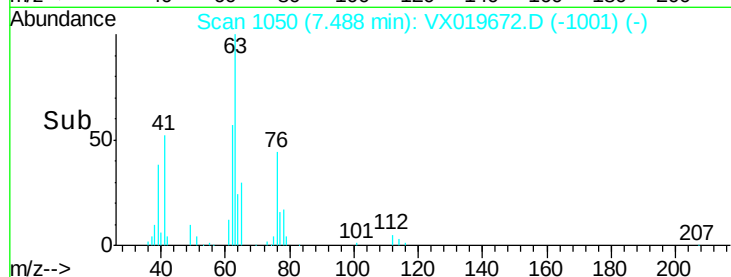
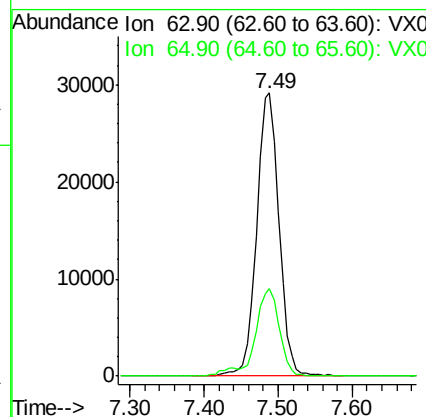
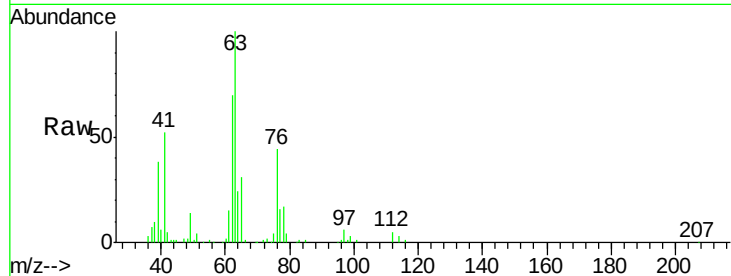
#45
 1,2-Dichloropropane
 Concen: 18.440 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion: 63 Resp: 61498
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4

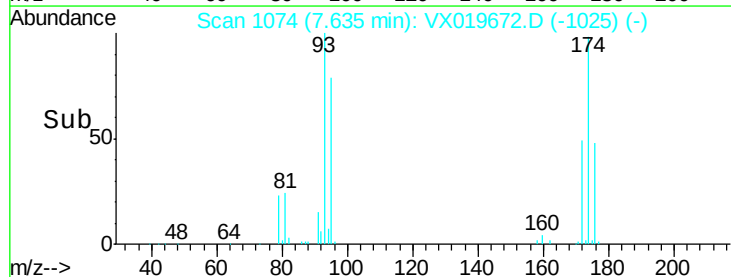
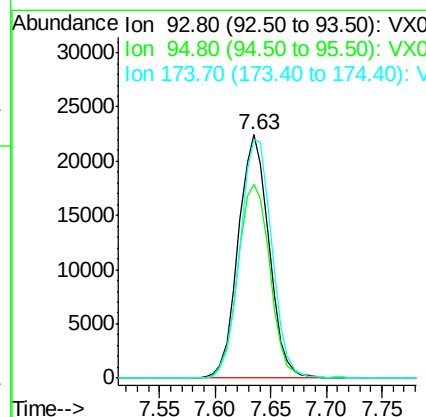
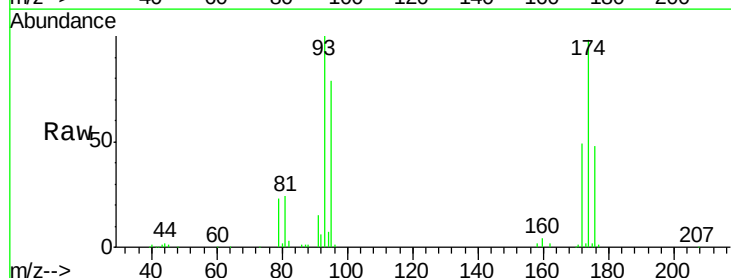
Manual Integrations
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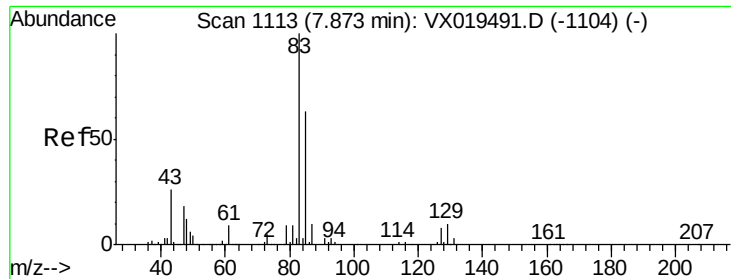
MMDadoda
 12/1/2020 9:35:55 AM



#46
 Dibromomethane
 Concen: 18.765 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion: 93 Resp: 42833
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 102.2 83.0 124.4





#47

Bromodichloromethane

Concen: 18.927 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

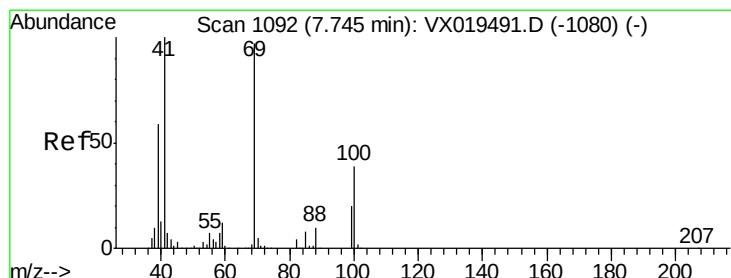
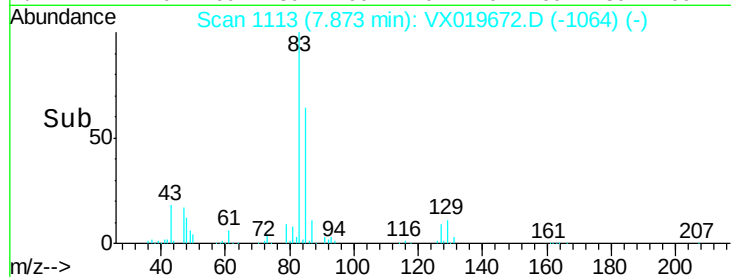
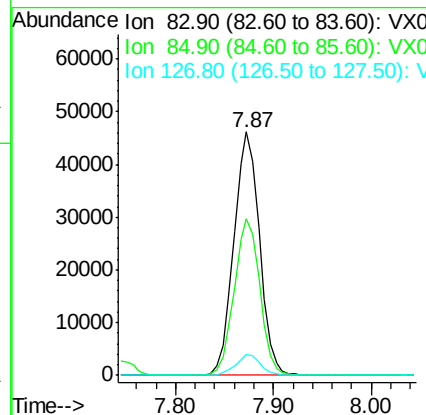
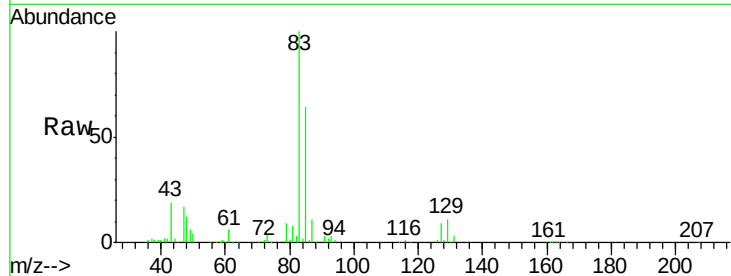
ClientSampleId :

VX1130WBSD01

Tot Ion:	83	Resp:	83833
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.2	75.2
127	8.8	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
12/1/2020 9:35:55 AM



#48

Methyl methacrylate

Concen: 19.626 ug/l

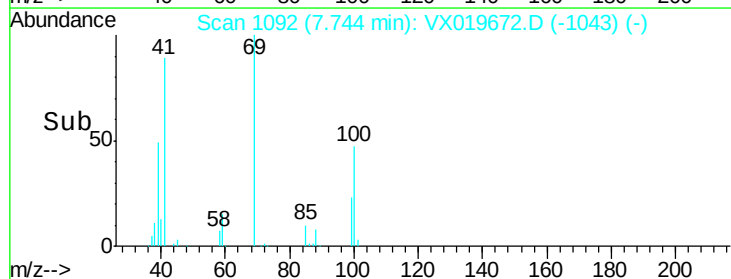
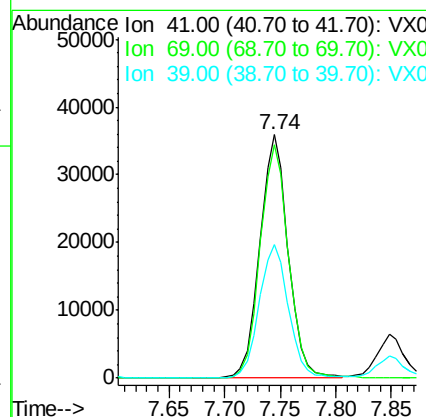
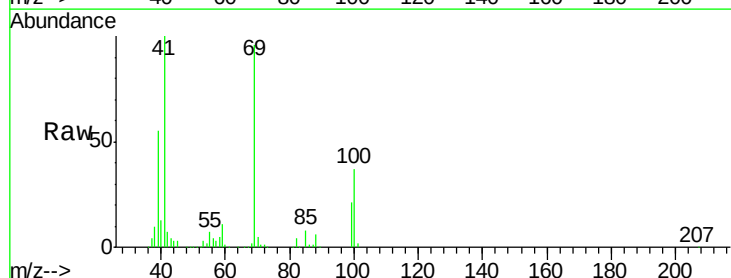
RT: 7.74 min Scan# 1092

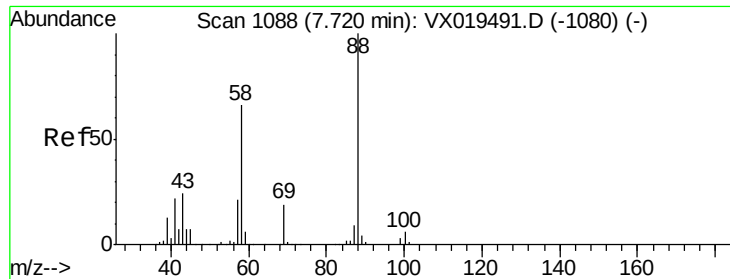
Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	41	Resp:	63954
Ion	Ratio	Lower	Upper
41	100		
69	96.1	77.0	115.6
39	56.1	45.6	68.4





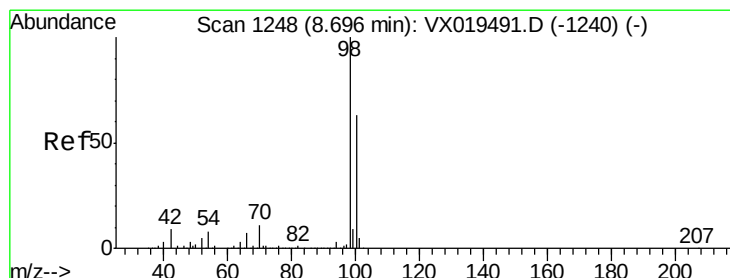
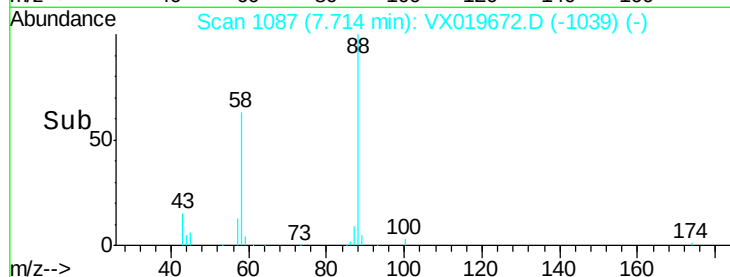
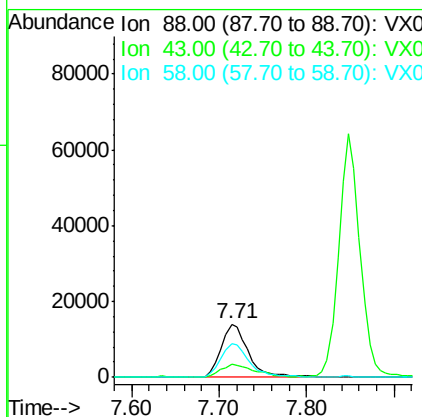
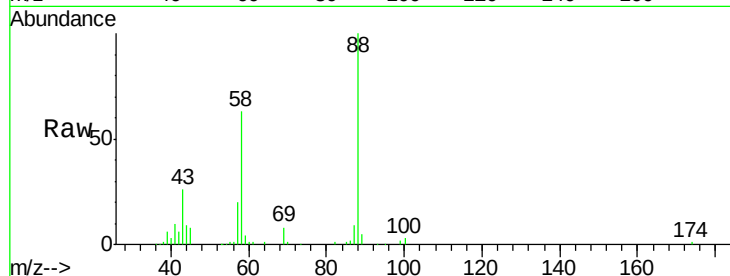
#49
1,4-Dioxane
Concen: 409.201 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.8	35.6
58	67.0	54.2	81.2

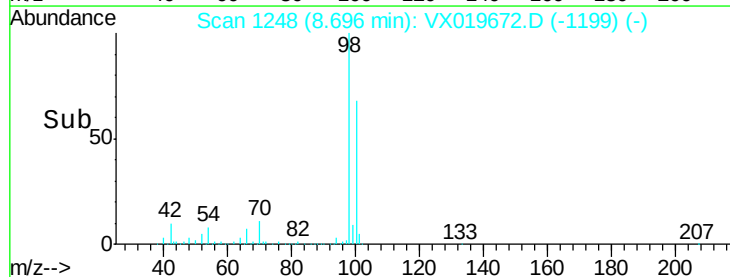
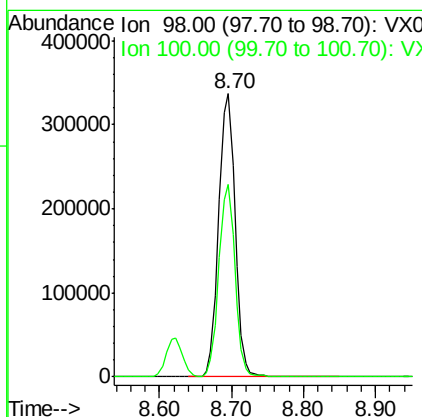
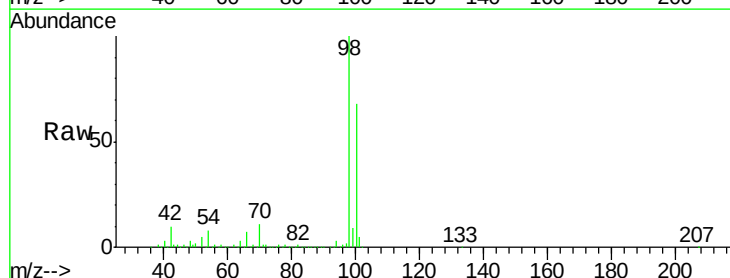
Manual Integrations
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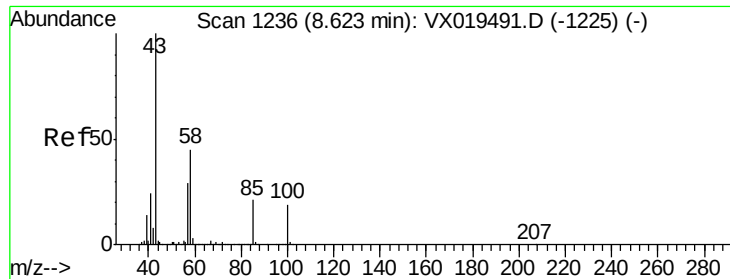
MMDadoda
12/1/2020 9:35:55 AM



#50
Toluene-d8
Concen: 46.725 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.4	78.6





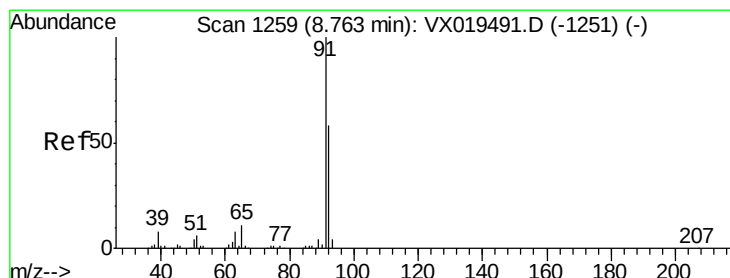
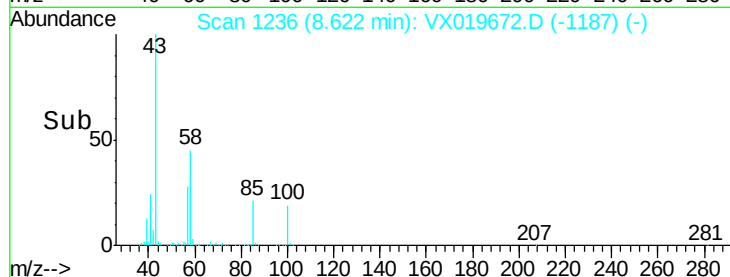
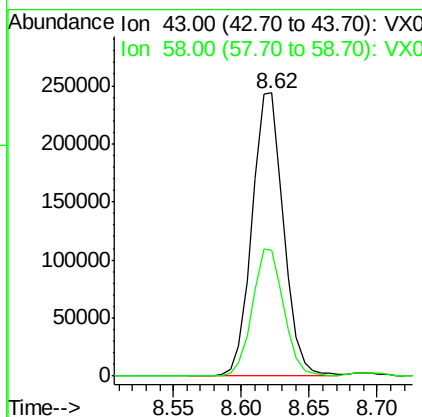
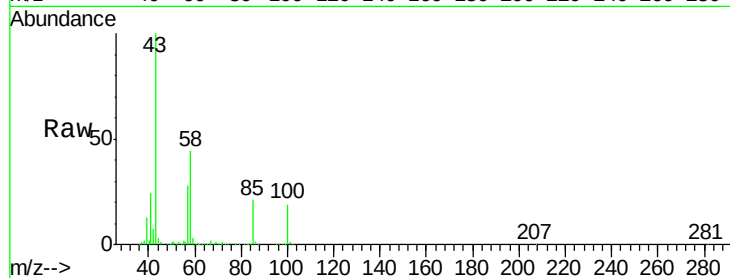
#51
 4-Methyl-2-Pentanone
 Concen: 97.634 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.7	35.1	52.7

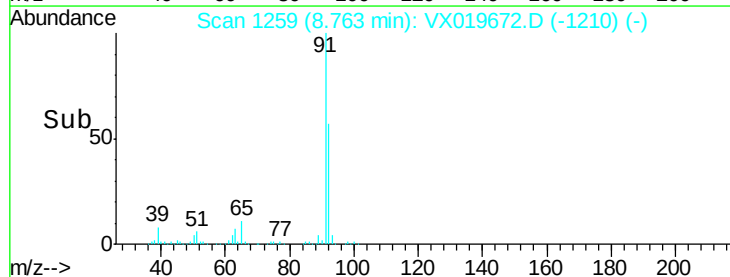
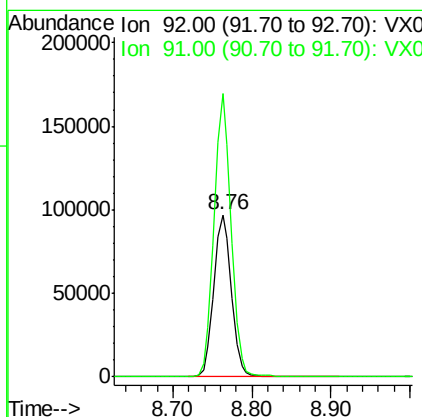
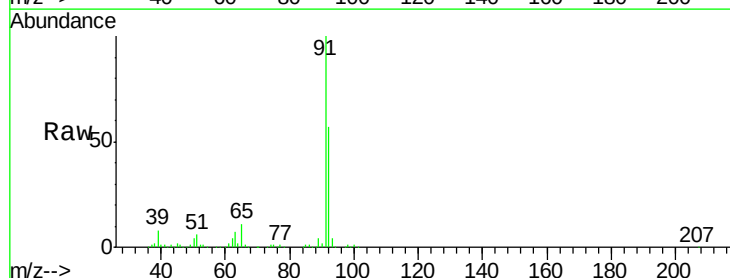
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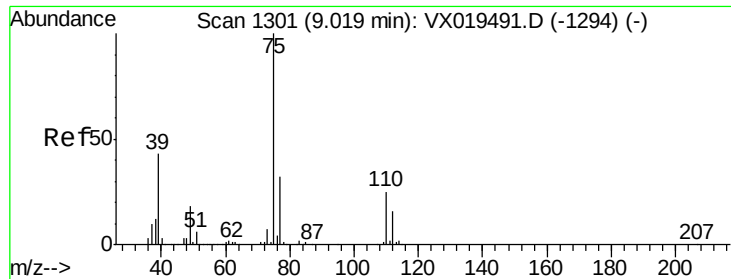
MMDadoda
 12/1/2020 9:35:55 AM



#52
 Toluene
 Concen: 18.287 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.6	138.1	207.1





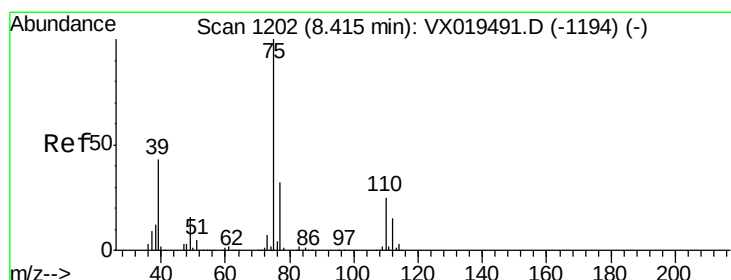
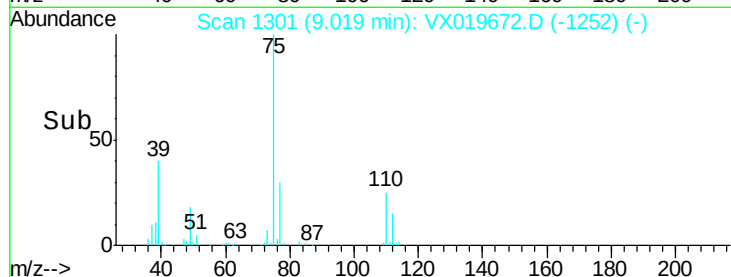
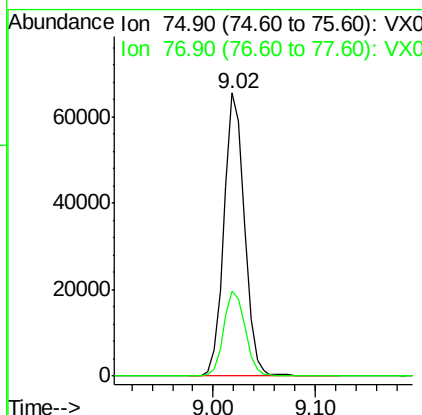
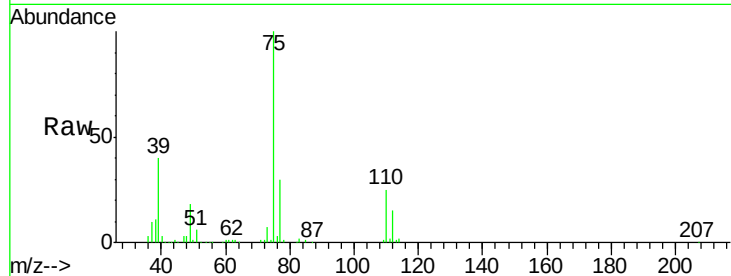
#53
 t-1,3-Dichloropropene
 Concen: 19.113 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampled :
 VX1130WBSD01

Tot Ion: 75 Resp: 91426
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.3 37.9

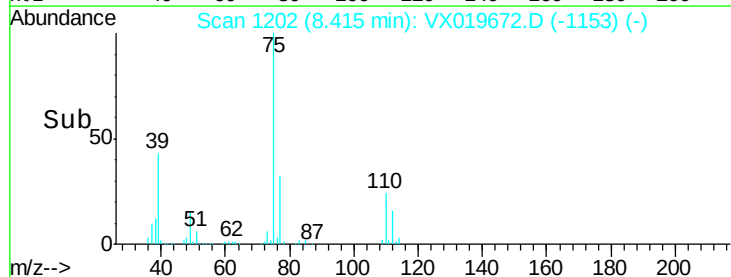
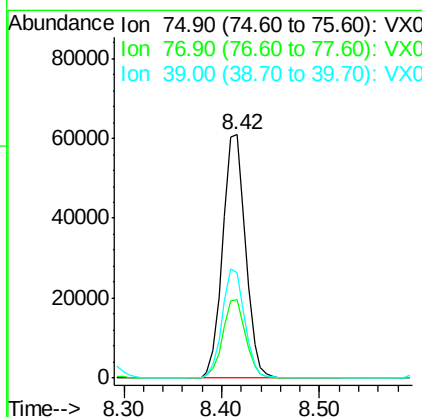
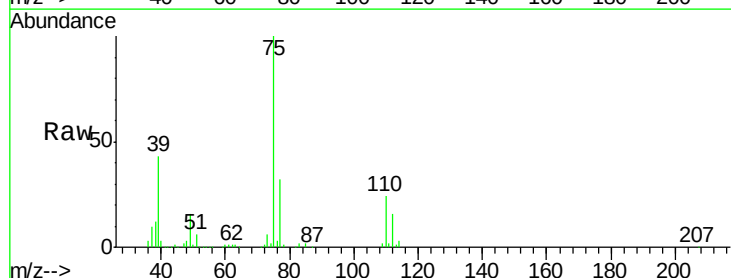
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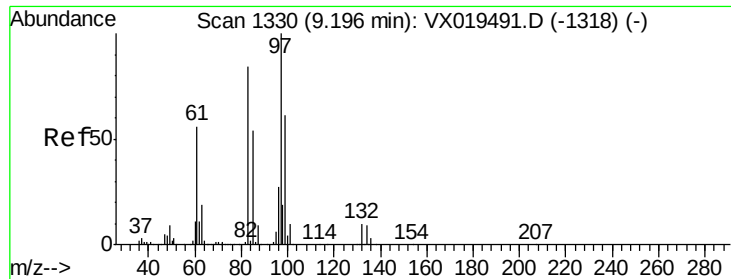
MMDadoda
 12/1/2020 9:35:55 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.748 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion: 75 Resp: 99523
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6
 39 43.2 34.6 51.8





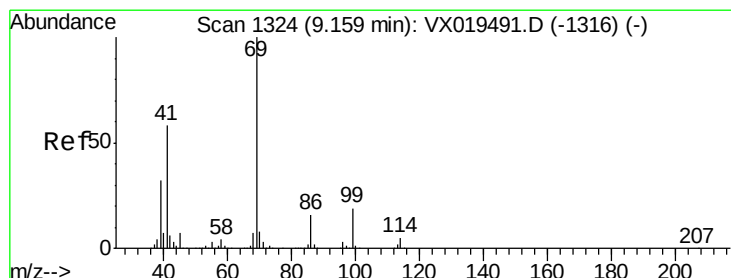
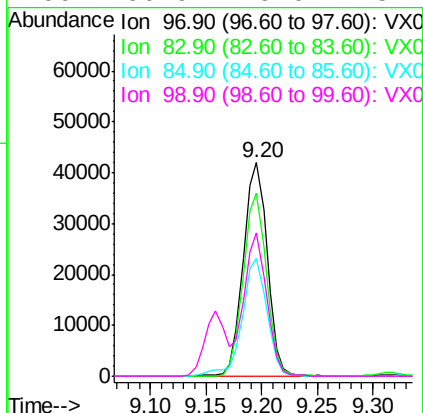
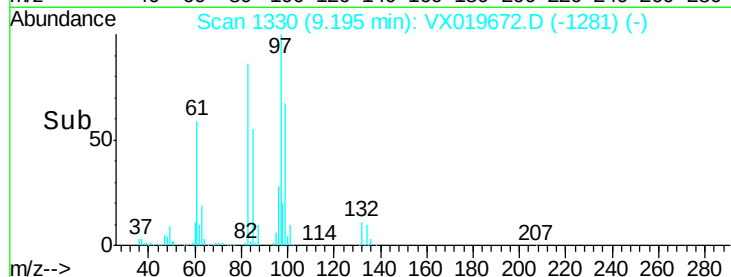
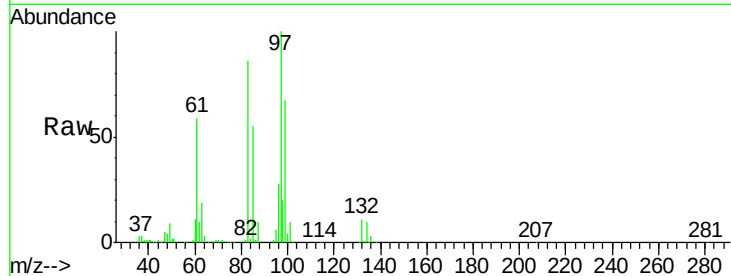
#55
 1,1,2-Trichloroethane
 Concen: 18.734 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion:	97	Resp:	63230
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.0	100.6
85	55.4	43.4	65.0
99	66.9	49.0	73.4

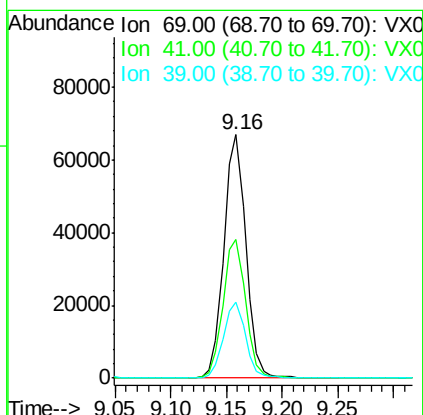
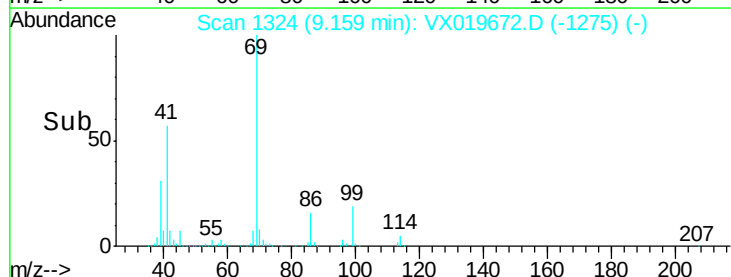
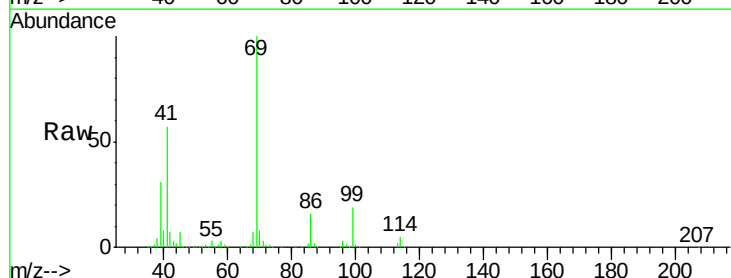
Manual Integrations
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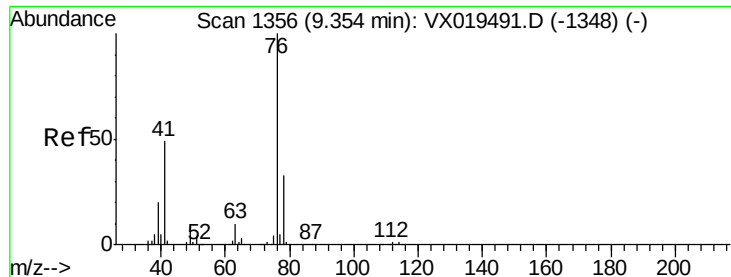
MMDadoda
 12/1/2020 9:35:55 AM



#56
 Ethyl methacrylate
 Concen: 19.263 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion:	69	Resp:	91998
Ion	Ratio	Lower	Upper
69	100		
41	58.1	46.2	69.2
39	31.2	25.5	38.3





#57

1,3-Dichloropropane

Concen: 19.037 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 76 Resp: 107571

Ion Ratio Lower Upper

76 100

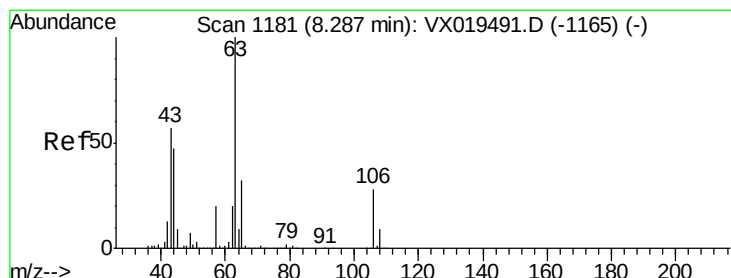
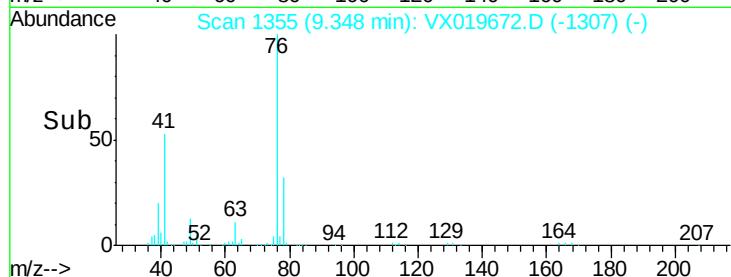
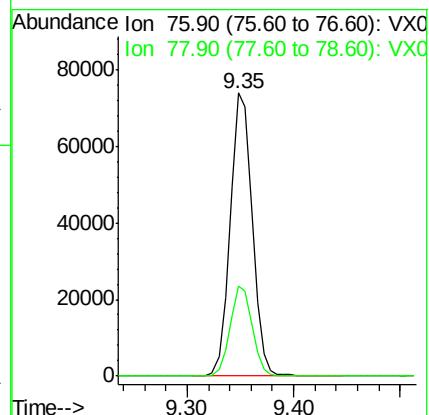
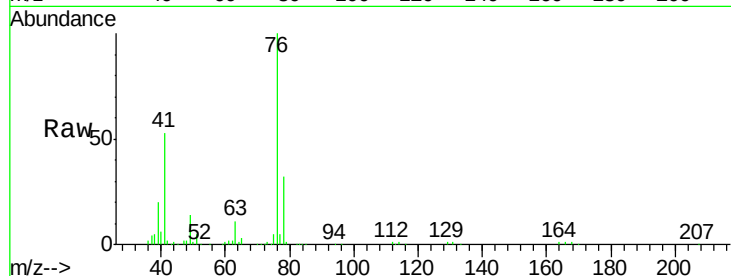
78 32.1 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

12/1/2020 9:35:55 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.939 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019672.D

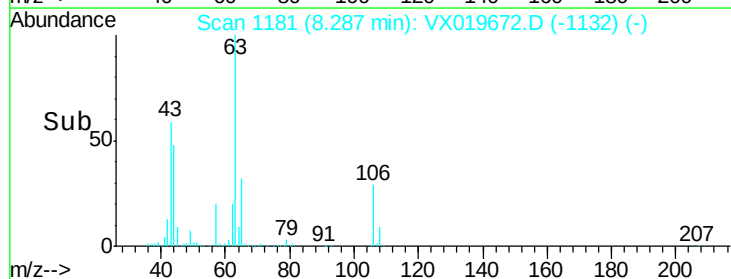
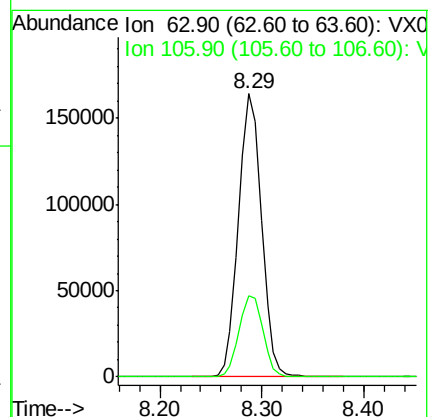
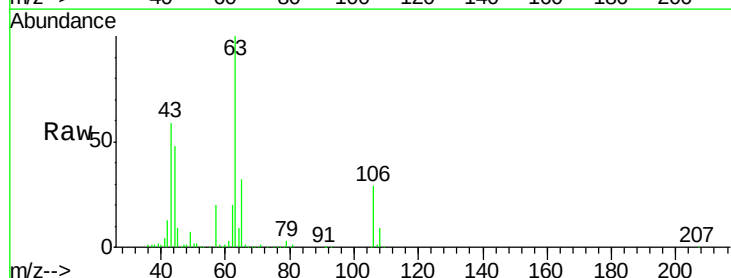
Acq: 30 Nov 2020 12:03

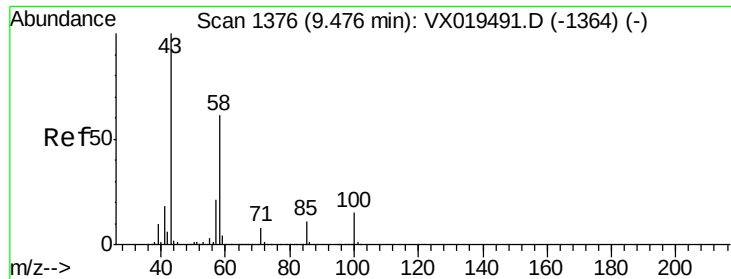
Tgt Ion: 63 Resp: 257282

Ion Ratio Lower Upper

63 100

106 29.7 23.7 35.5





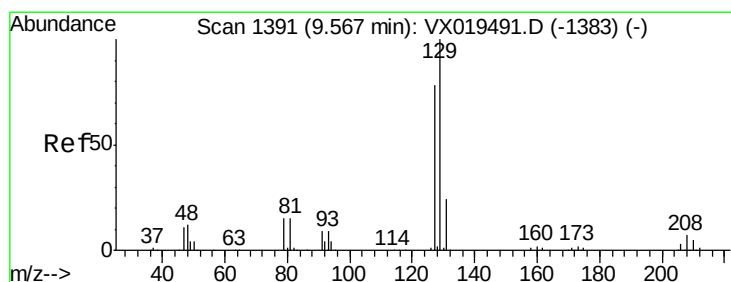
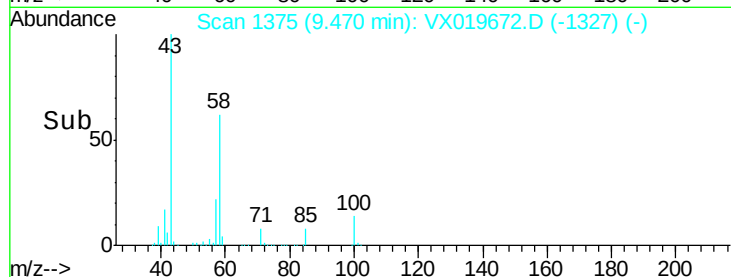
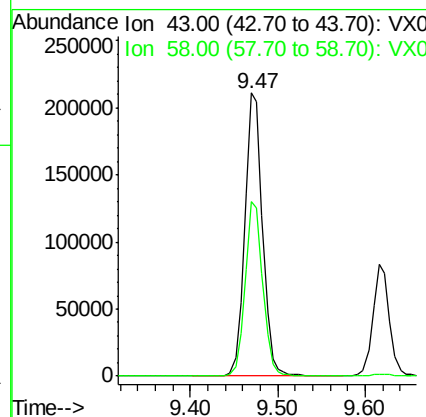
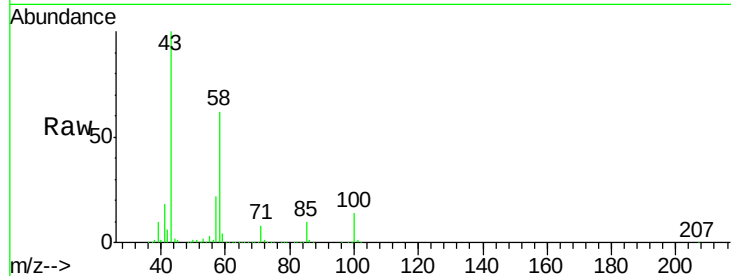
#59
2-Hexanone
Concen: 97.087 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.6	91.6

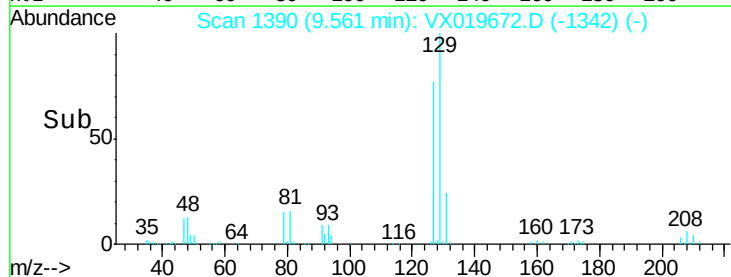
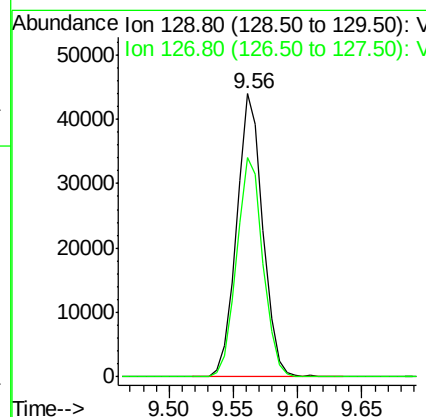
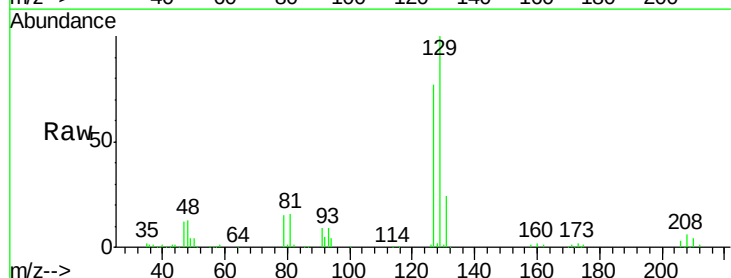
Manual Integrations
APPROVED

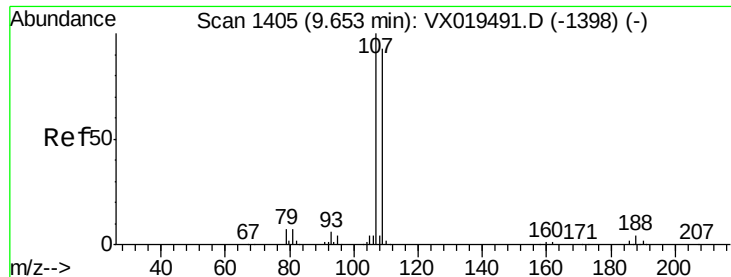
MMDadoda
12/1/2020 9:35:55 AM



#60
Dibromochloromethane
Concen: 18.768 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.0	116.9





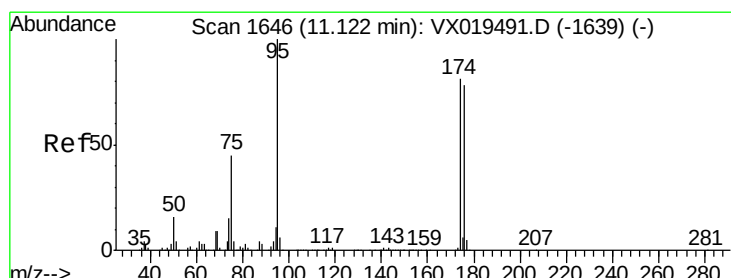
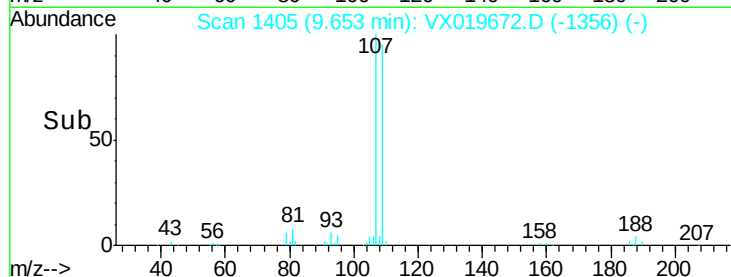
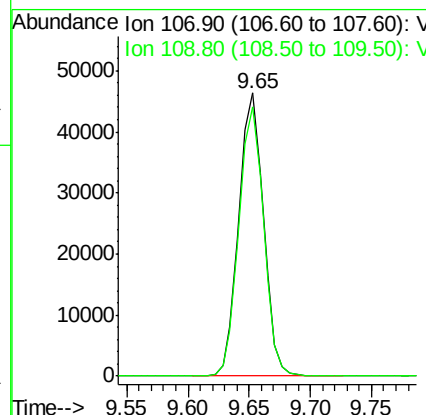
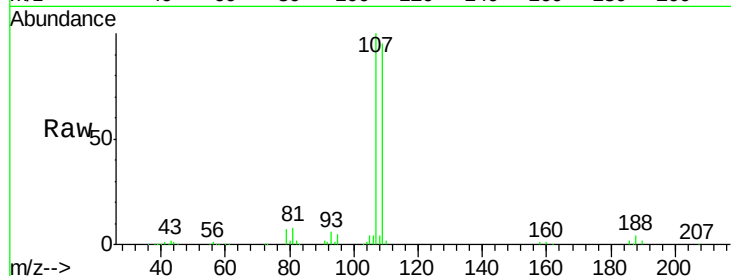
#61
 1,2-Dibromoethane
 Concen: 18.635 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	74.8	112.2

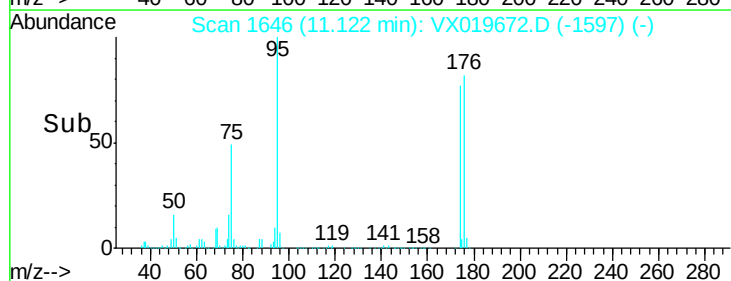
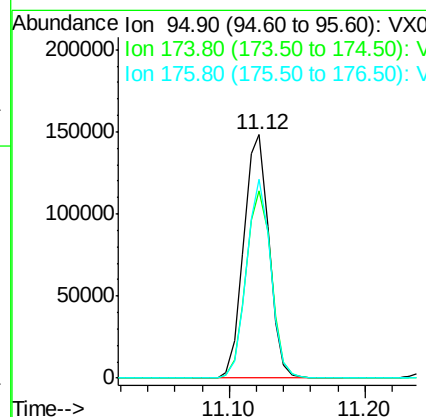
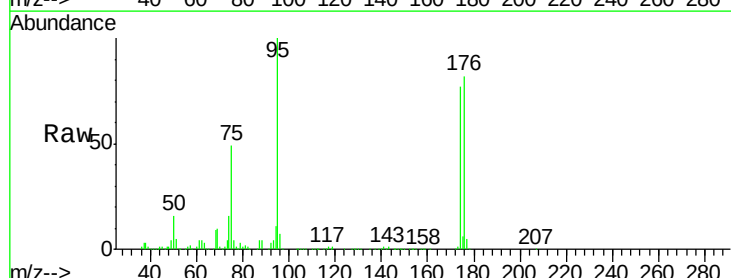
Manual Integrations
 APPROVED

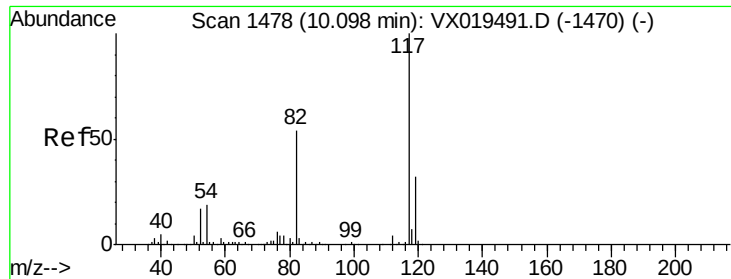
MMDadoda
 12/1/2020 9:35:55 AM



#62
 4-Bromofluorobenzene
 Concen: 46.494 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	156.2
176	78.4	0.0	151.4





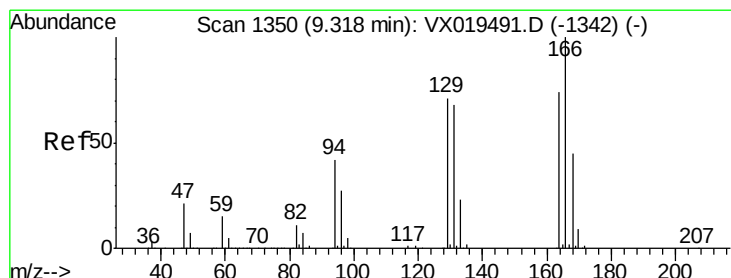
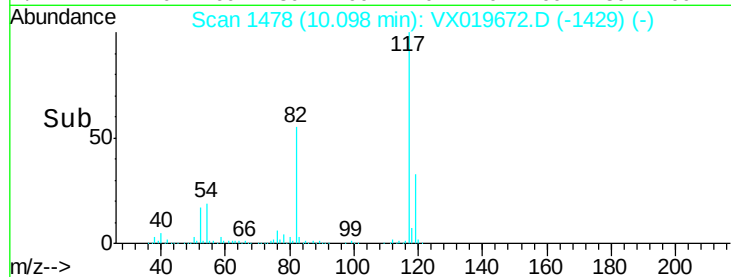
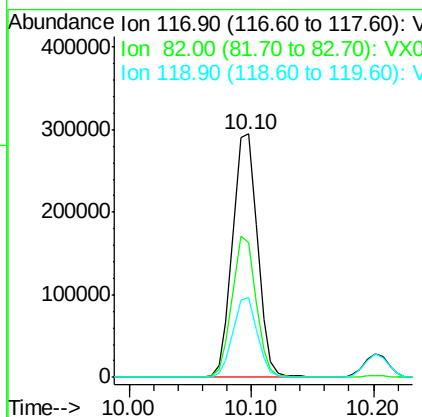
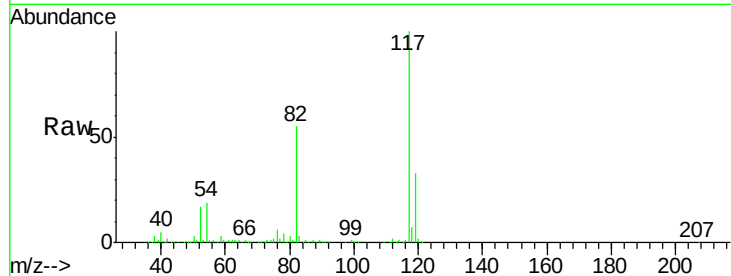
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415011		
82	55.4	43.0	64.4	
119	33.0	25.6	38.4	

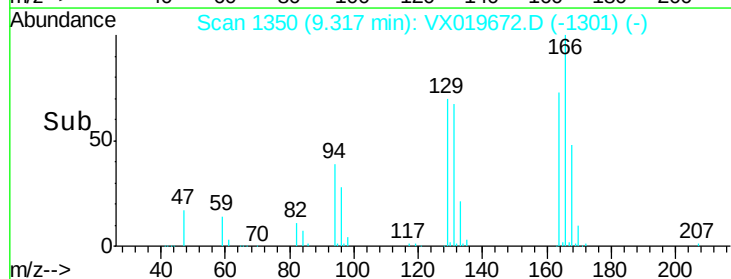
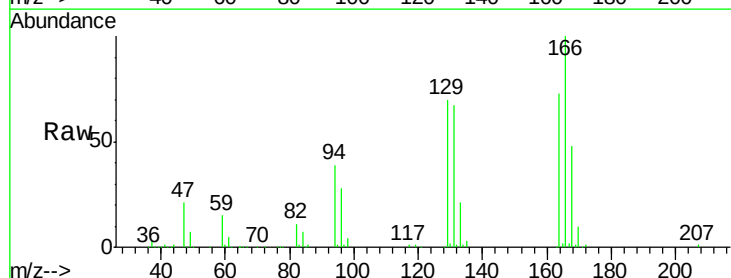
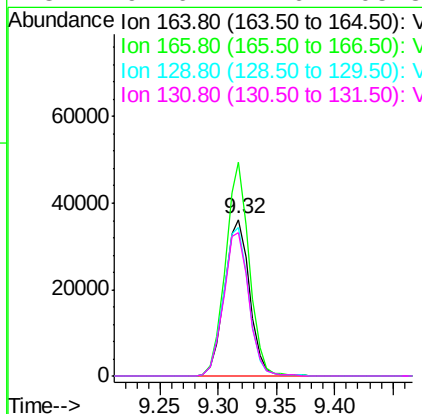
Manual Integrations
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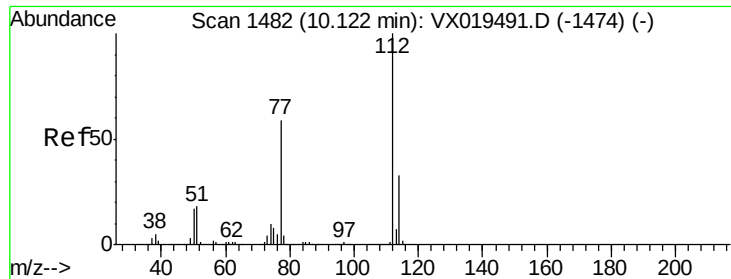
MMDadoda
12/1/2020 9:35:55 AM



#64
Tetrachloroethene
Concen: 16.521 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53896		
166	136.6	107.4	161.0	
129	95.3	76.6	114.8	
131	91.6	72.6	108.8	





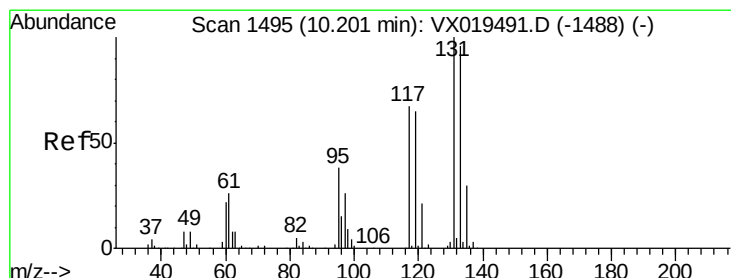
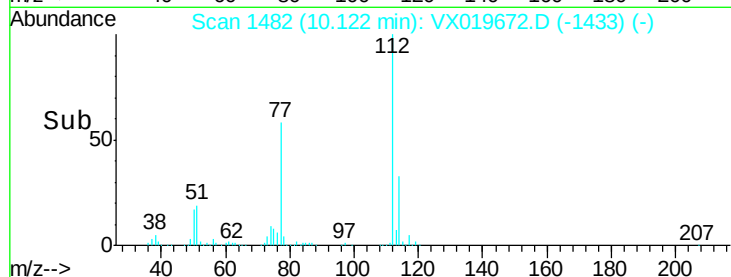
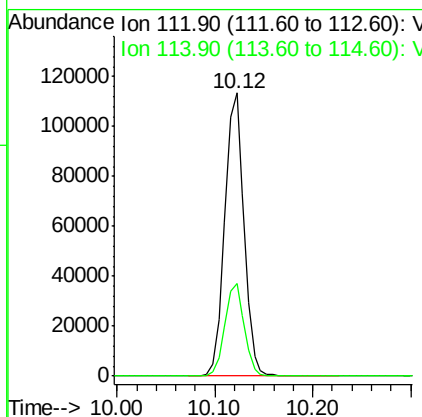
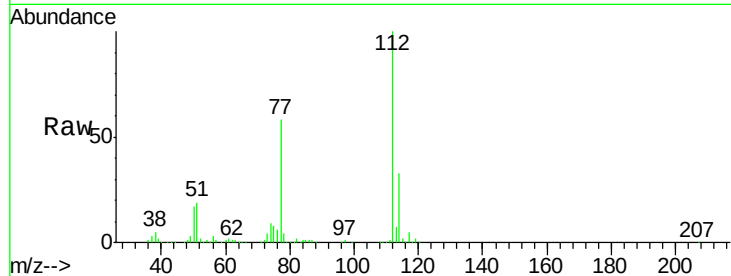
#65
Chlorobenzene
Concen: 18.156 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.0	39.0

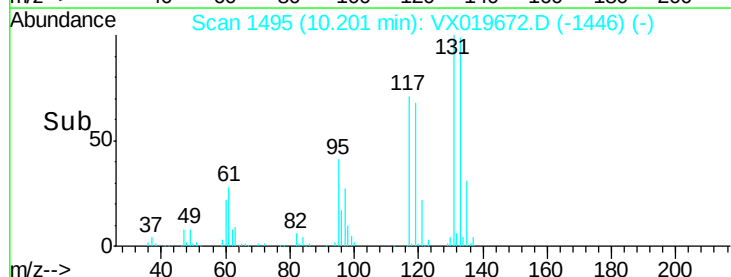
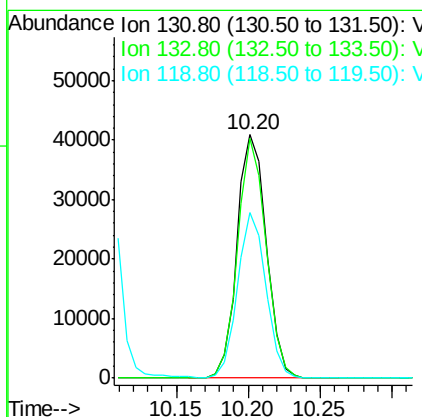
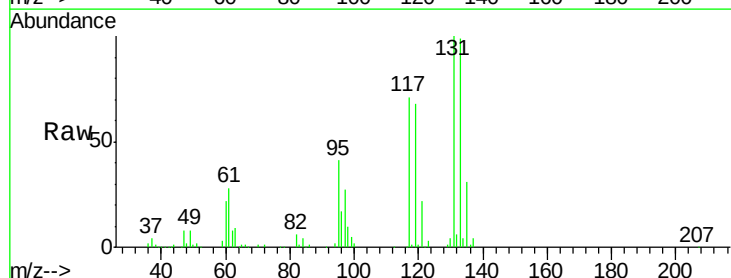
Manual Integrations
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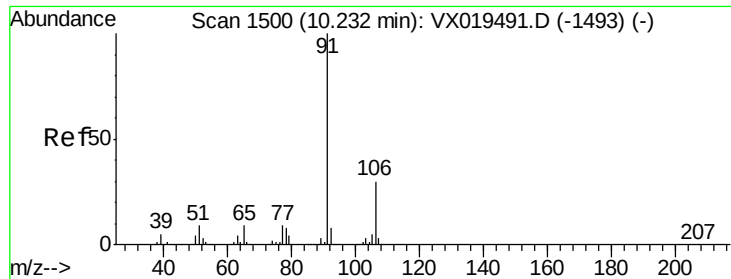
MMDadoda
12/1/2020 9:35:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.601 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.5	145.5
119	66.5	33.0	99.0





#67

Ethyl Benzene

Concen: 18.355 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampled :

VX1130WBSD01

Tot Ion: 91 Resp: 274372

Ion Ratio Lower Upper

91 100

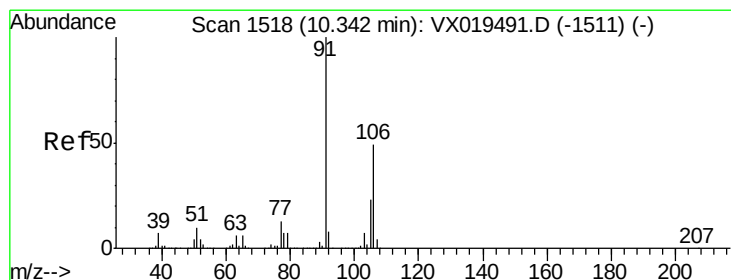
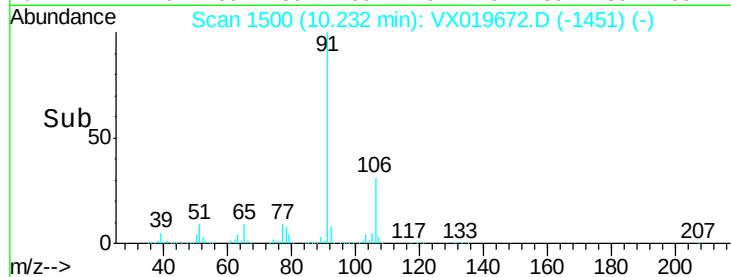
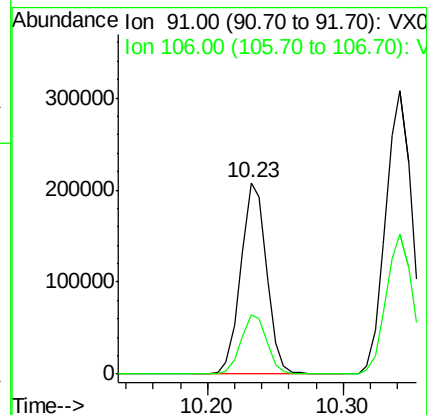
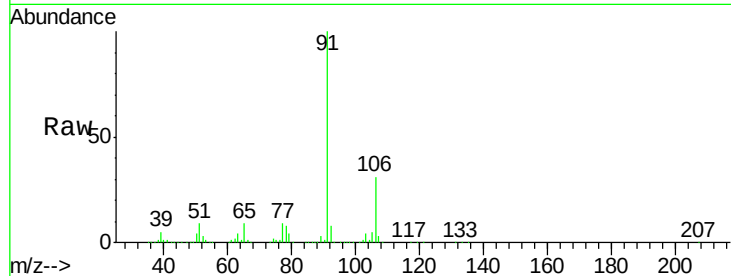
106 30.8 24.0 36.0

Manual Integrations

APPROVED

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12/1/2020 9:35:55 AM



#68

m/p-Xylenes

Concen: 37.204 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019672.D

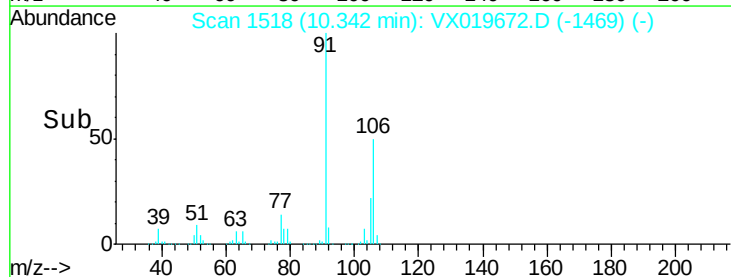
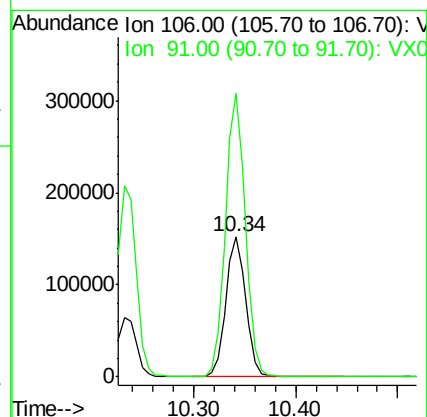
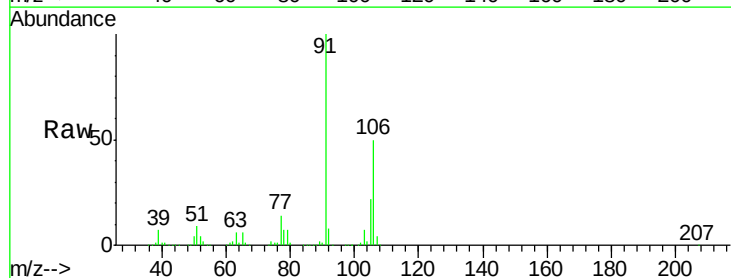
Acq: 30 Nov 2020 12:03

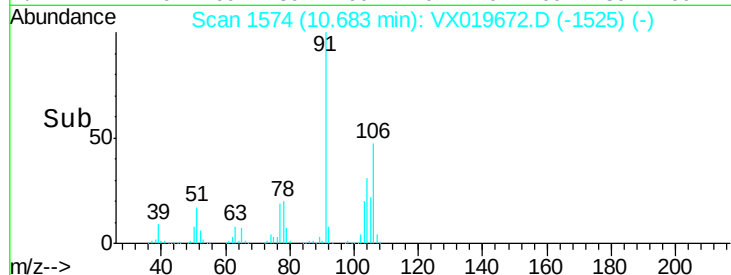
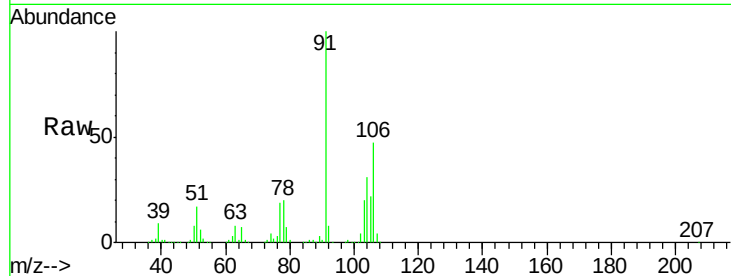
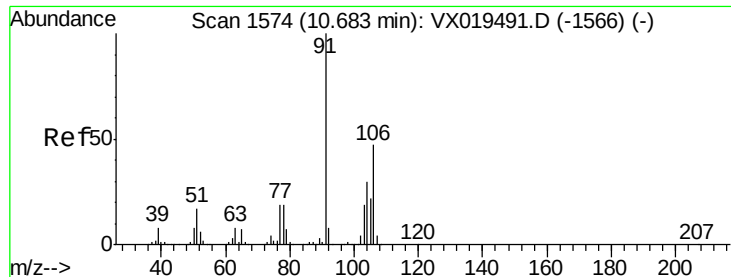
Tgt Ion: 106 Resp: 207192

Ion Ratio Lower Upper

106 100

91 202.1 163.3 244.9





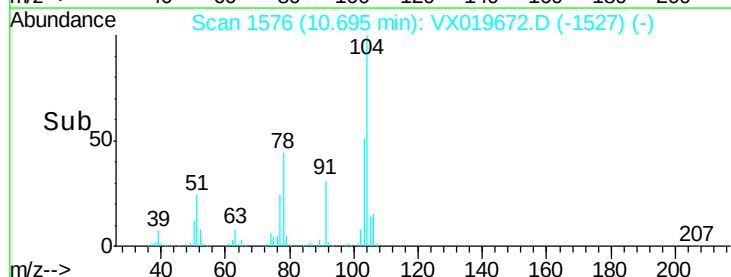
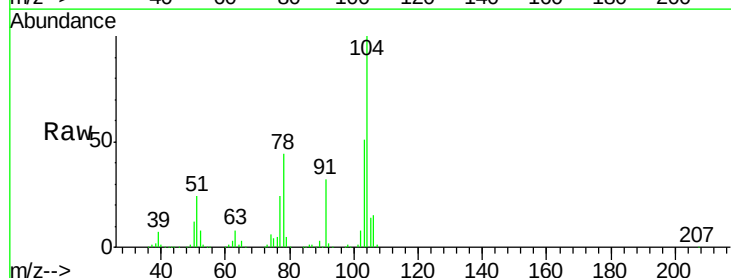
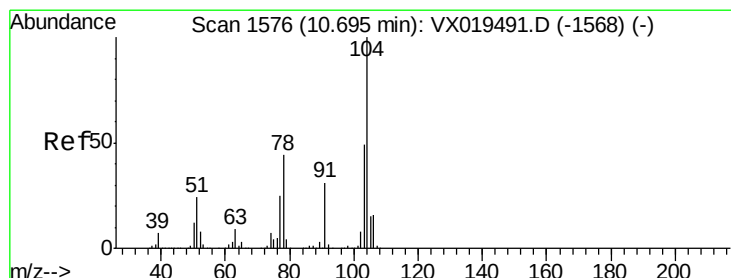
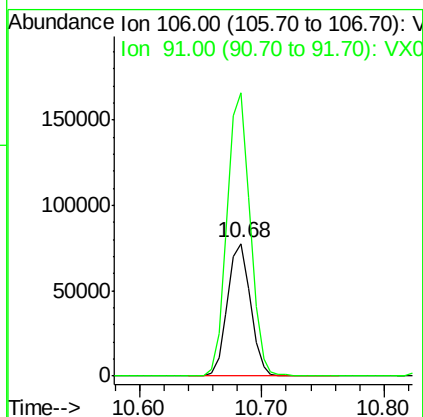
#69
o-Xylene
Concen: 18.962 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	108.0	324.0

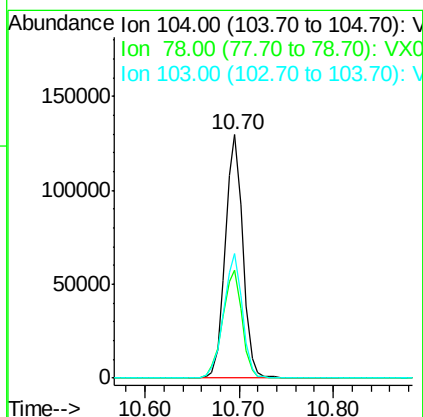
Manual Integrations
APPROVED

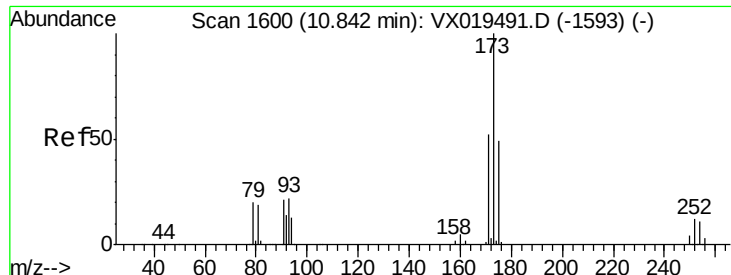
MMDadoda
12/1/2020 9:35:55 AM



#70
Styrene
Concen: 18.019 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.5	59.3
103	54.6	43.6	65.4





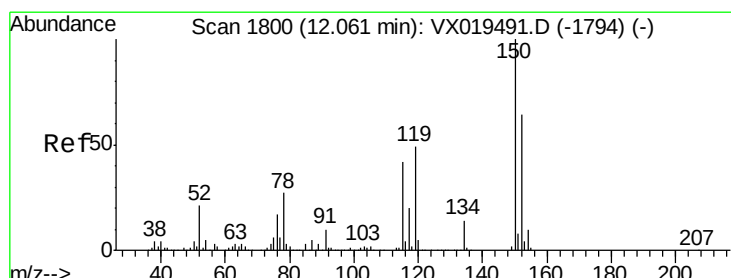
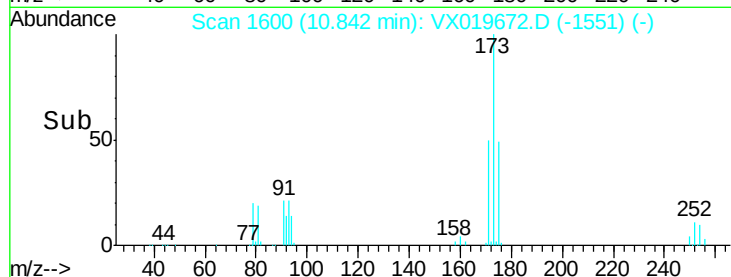
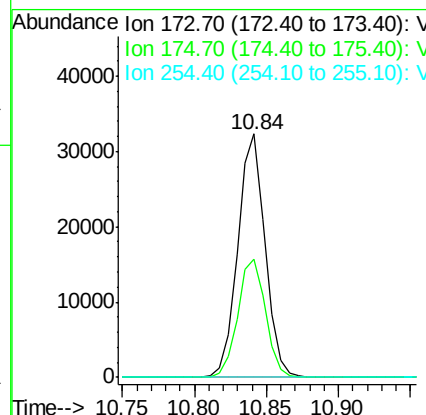
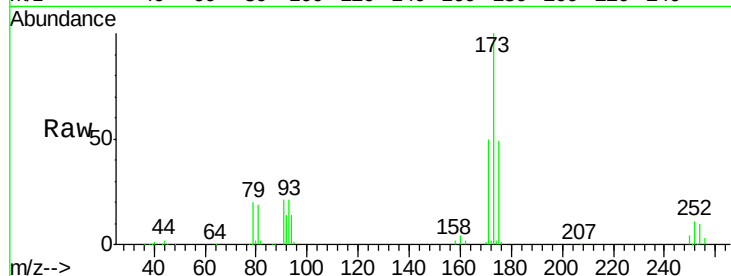
#71
Bromoform
Concen: 18.698 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.8
254	0.0	0.1	0.1#

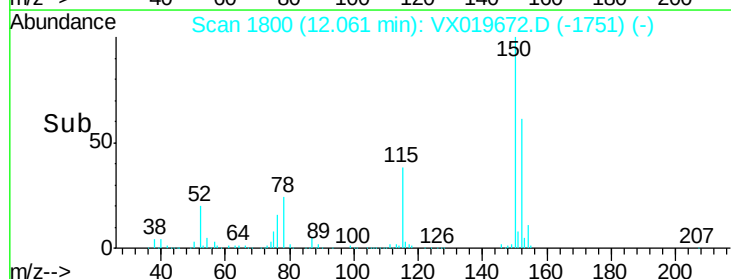
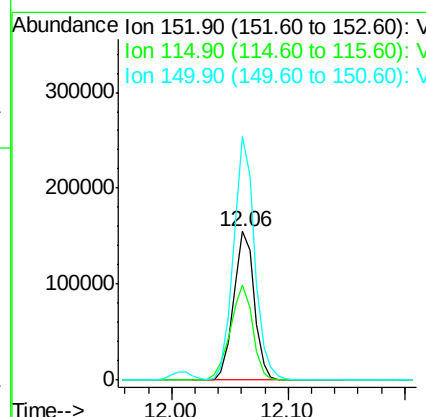
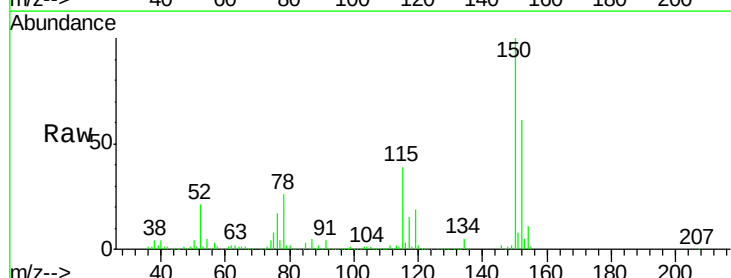
Manual Integrations
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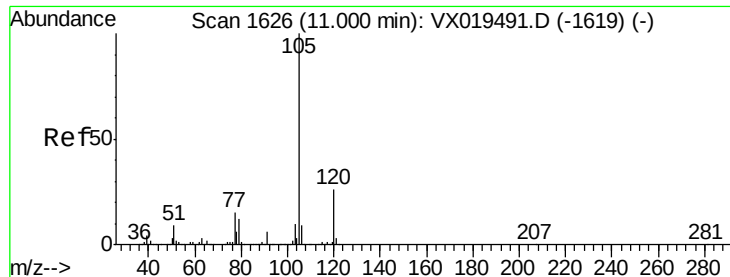
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.3	41.8	125.4
150	166.7	0.0	348.2





#73

Isopropylbenzene

Concen: 19.902 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion:105 Resp: 262877

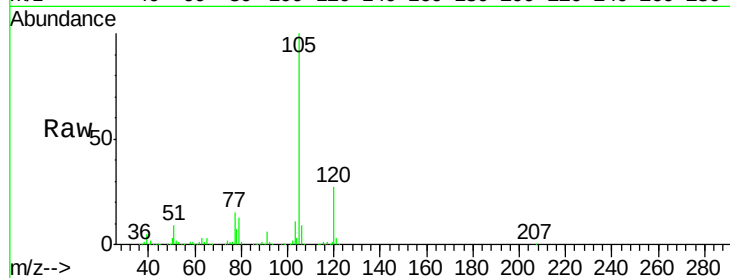
Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0

Manual Integrations
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12/1/2020 9:35:55 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

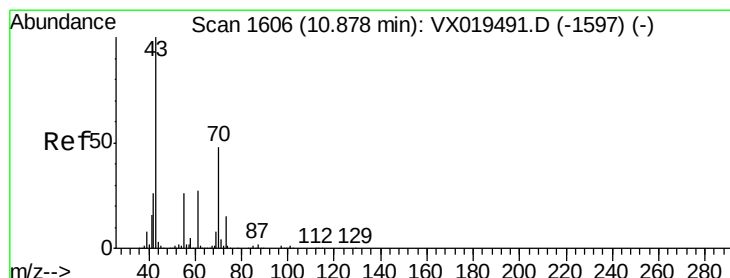
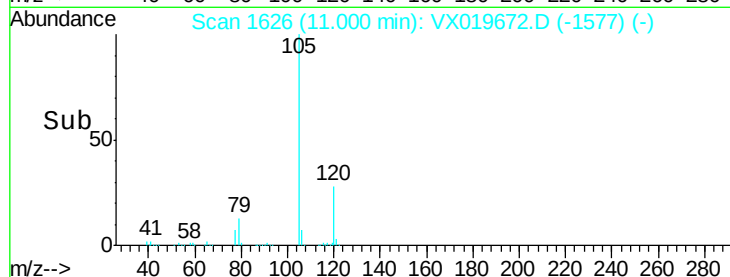
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.051 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion: 43 Resp: 104191

Ion Ratio Lower Upper

43 100

70 49.1 39.7 59.5

55 27.1 21.8 32.6

61 27.4 22.2 33.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

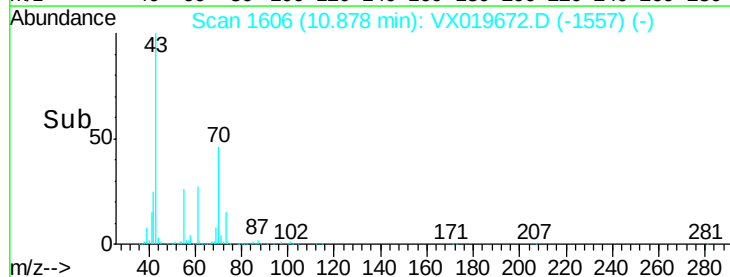
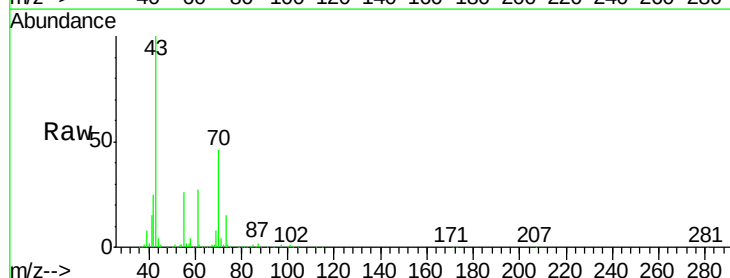
Ion 61.00 (60.70 to 61.70): VX0

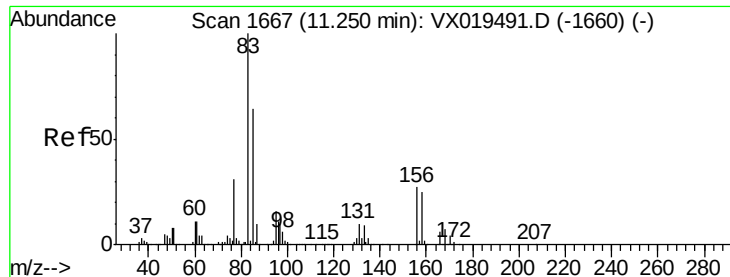
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 19.831 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

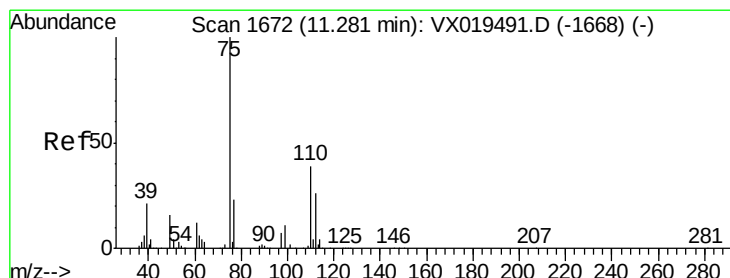
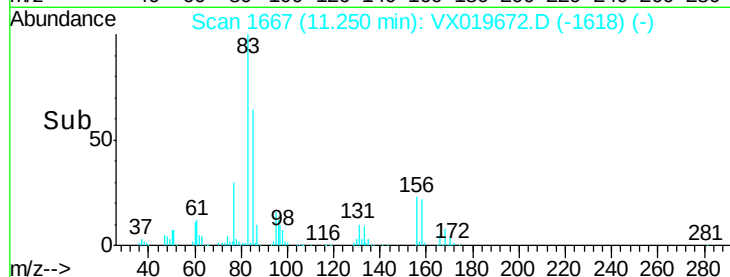
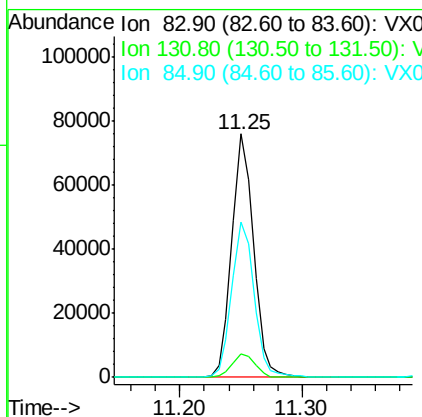
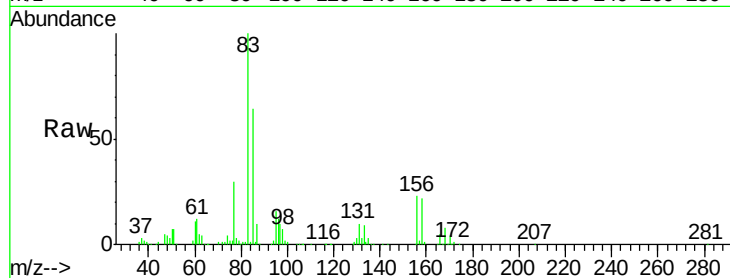
ClientSampleId :

VX1130WBSD01

Tot Ion:	83	Resp:	93668
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	65.7	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.851 ug/l m

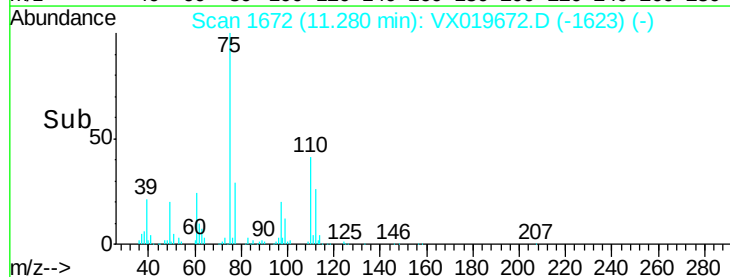
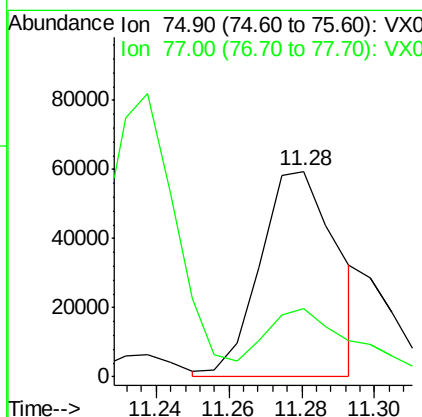
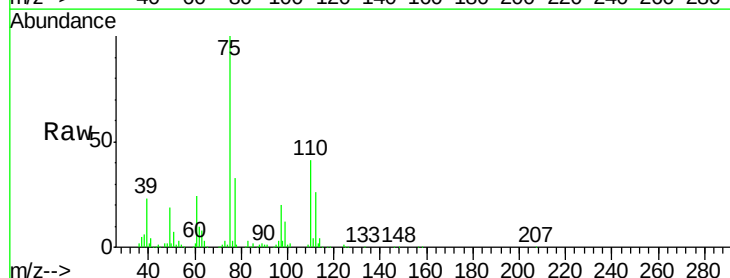
RT: 11.28 min Scan# 1672

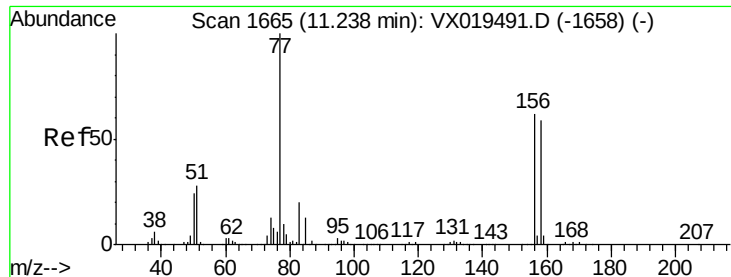
Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	75	Resp:	86882
Ion Ratio	Lower	Upper	
75	100		
77	38.4	20.0	60.0





#77

Bromobenzene

Concen: 19.851 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

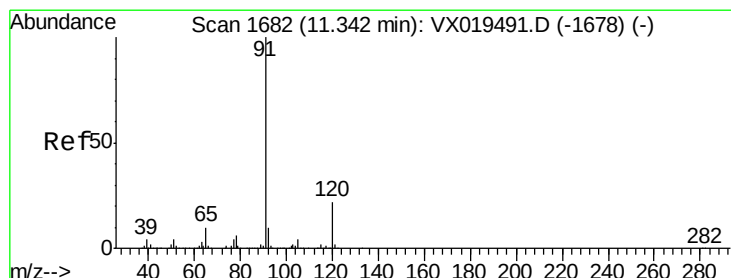
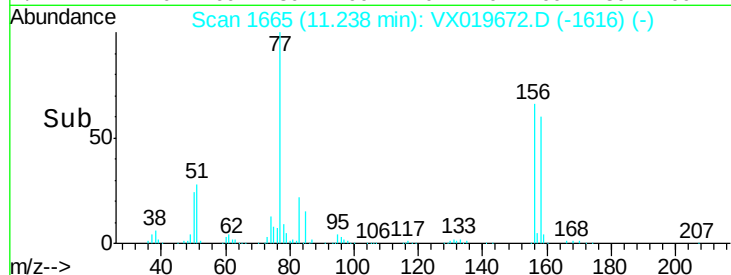
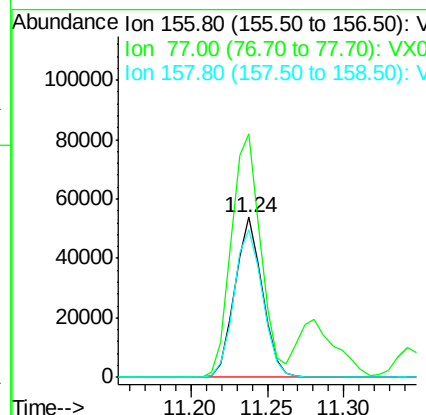
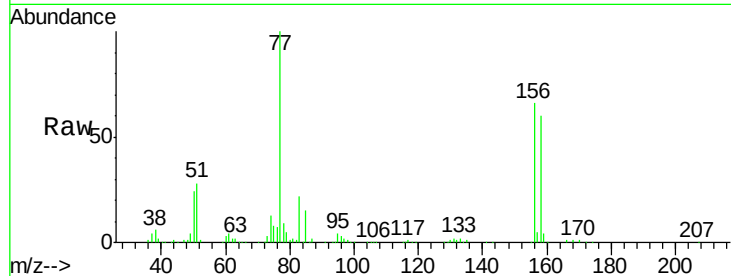
ClientSampleId :

VX1130WBSD01

Tot Ion:	156	Resp:	66936
Ion Ratio	Lower	Upper	
156	100		
77	163.3	82.5	247.3
158	96.0	48.9	146.7

Manual Integrations
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12/1/2020 9:35:55 AM



#78

n-propylbenzene

Concen: 19.586 ug/l

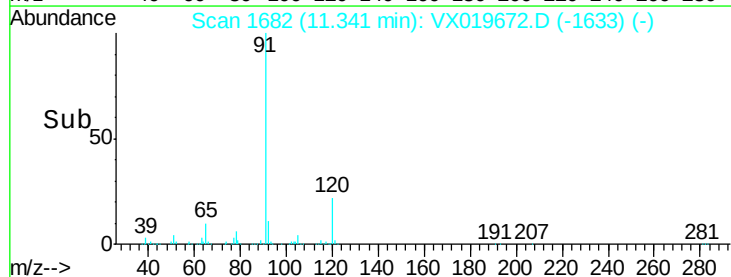
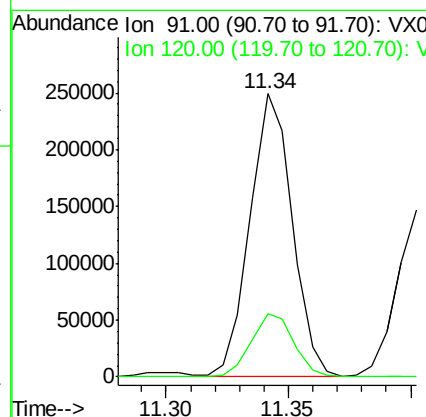
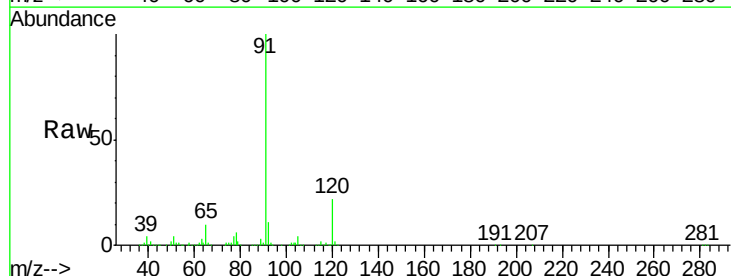
RT: 11.34 min Scan# 1682

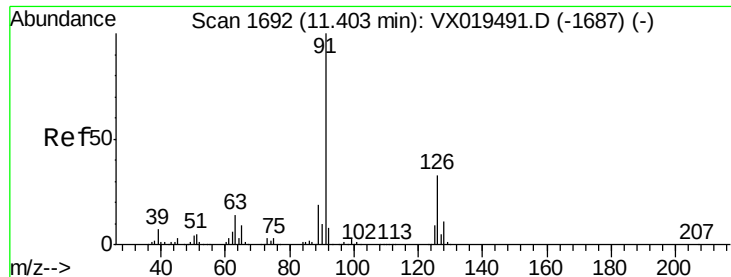
Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	91	Resp:	296777
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.608 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 91 Resp: 180190

Ion Ratio Lower Upper

91 100

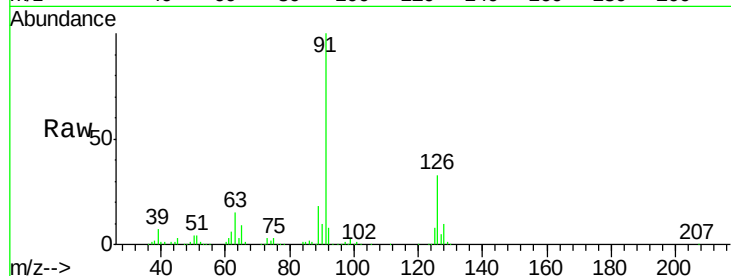
126 33.3 16.7 50.0

Manual Integrations

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

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

250000

200000

150000

100000

50000

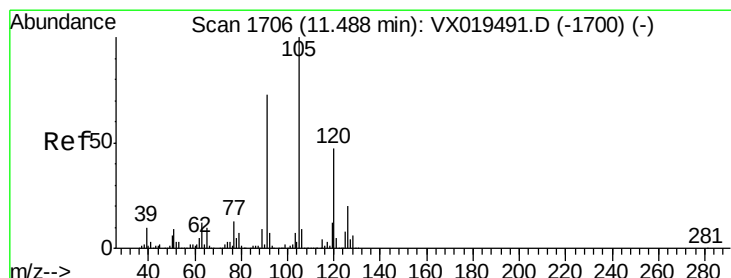
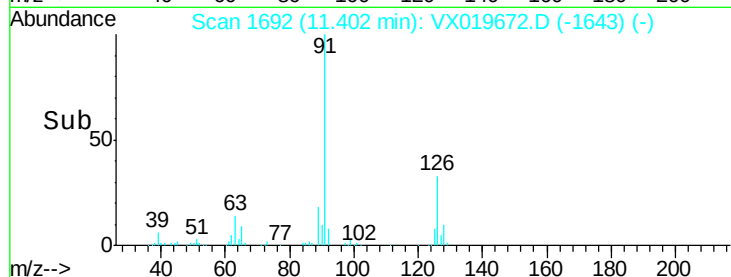
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.801 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019672.D

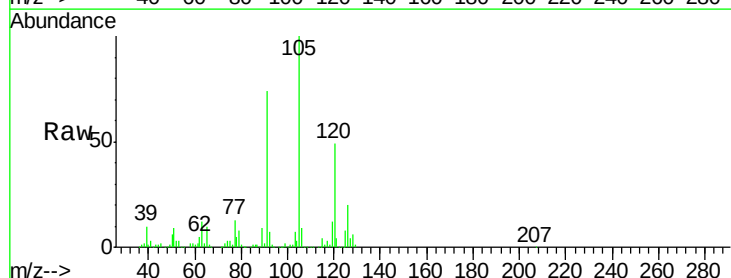
Acq: 30 Nov 2020 12:03

Tgt Ion: 105 Resp: 219394

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3



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

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

200000

150000

100000

50000

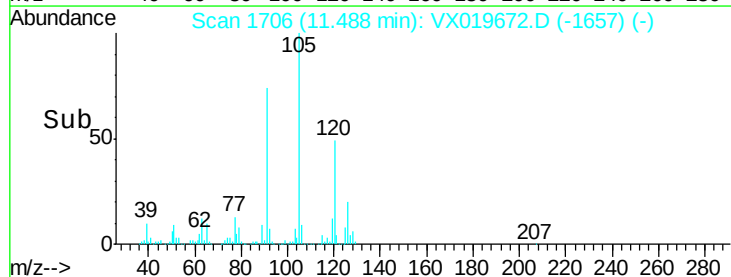
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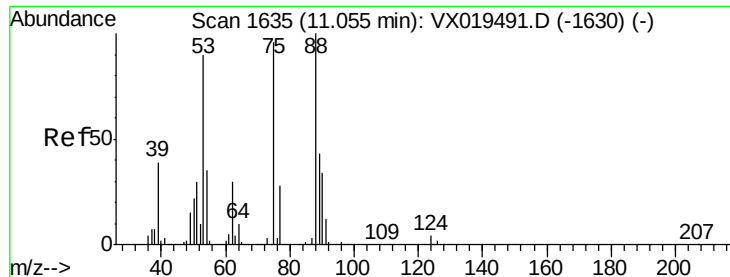
11.40

11.49

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.654 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

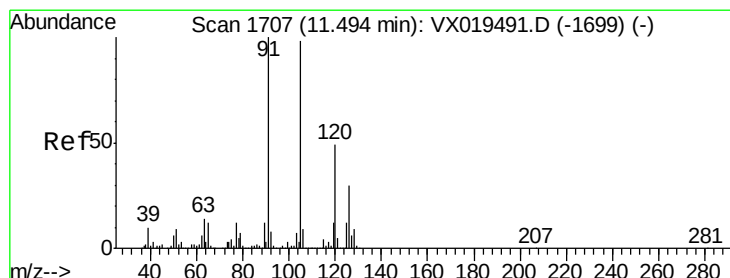
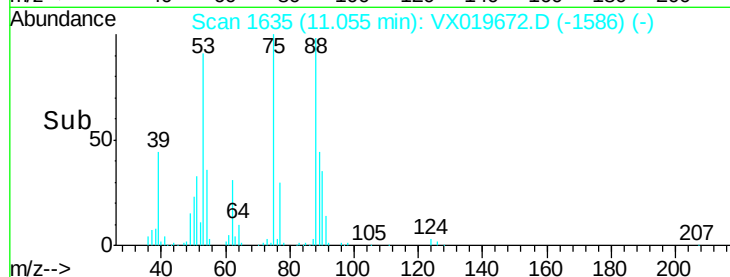
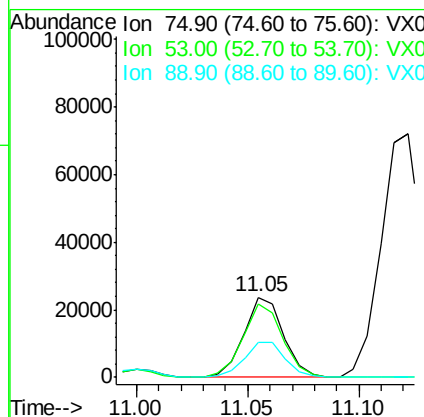
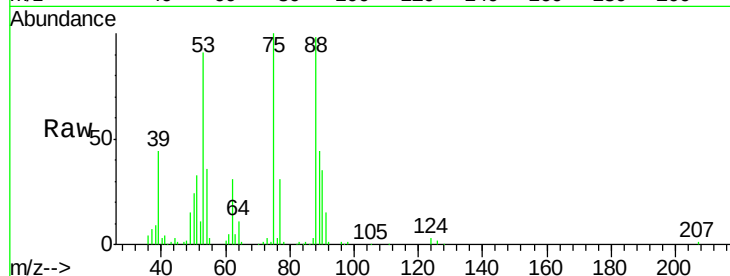
ClientSampleId :

VX1130WBSD01

Tot Ion:	75	Resp:	29362
Ion	Ratio	Lower	Upper
75	100		
53	92.9	73.9	110.9
89	45.8	37.3	55.9

Manual Integrations
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12/1/2020 9:35:55 AM



#82

4-Chlorotoluene

Concen: 19.296 ug/l

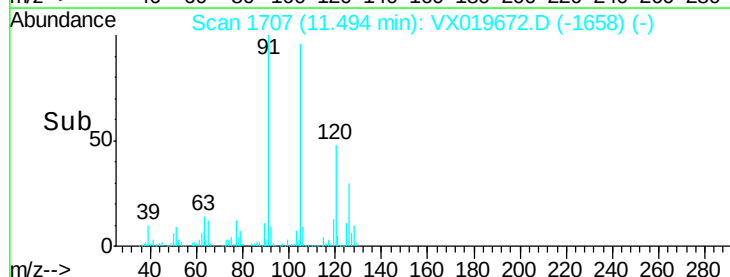
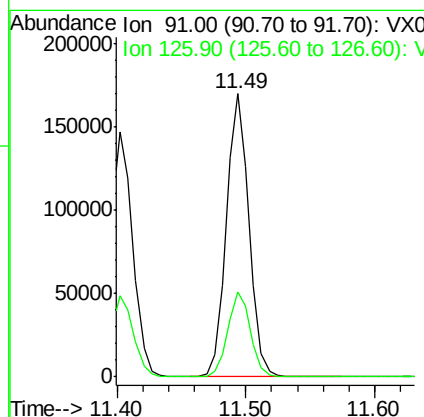
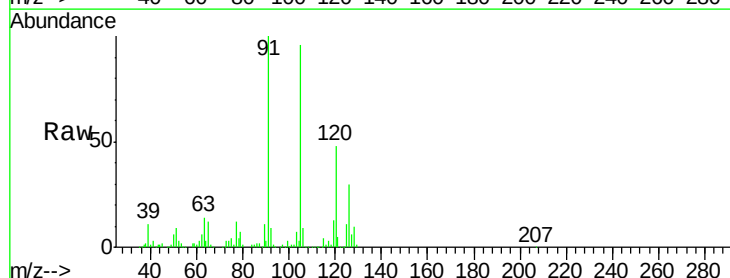
RT: 11.49 min Scan# 1707

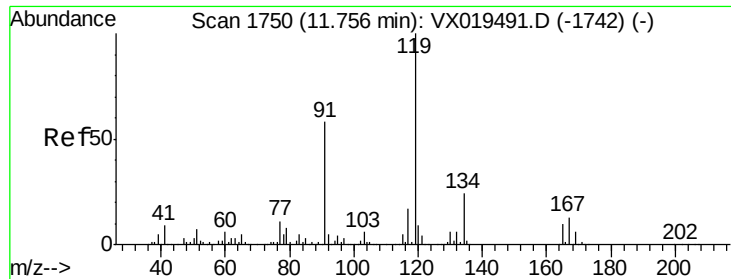
Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	91	Resp:	208744
Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.9	44.7





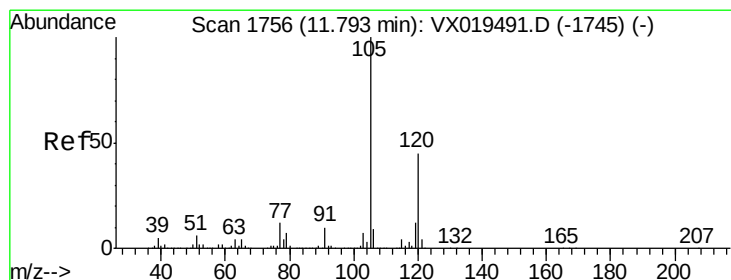
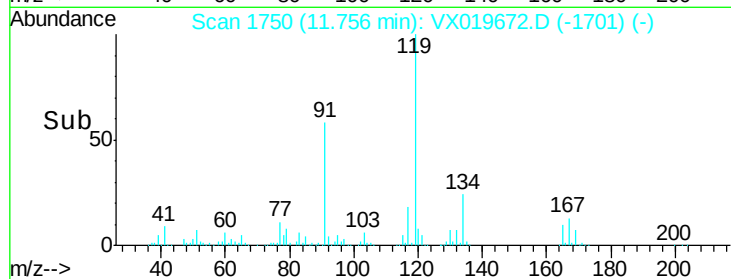
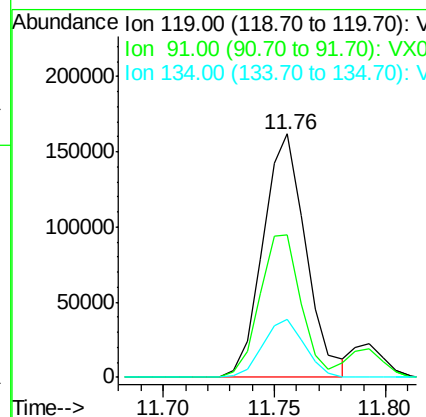
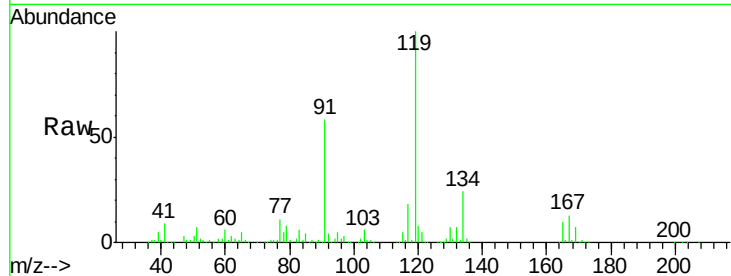
#83
 tert-Butylbenzene
 Concen: 20.173 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	216246		
91	56.4	28.9	86.8	
134	23.3	11.7	35.0	

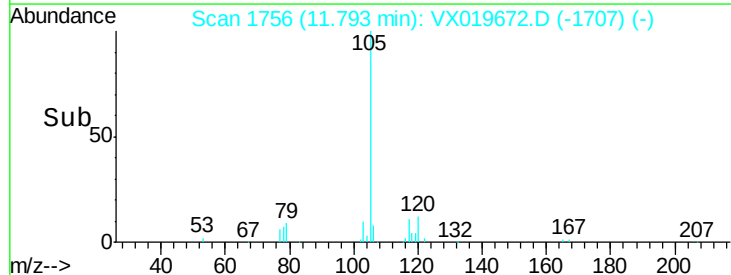
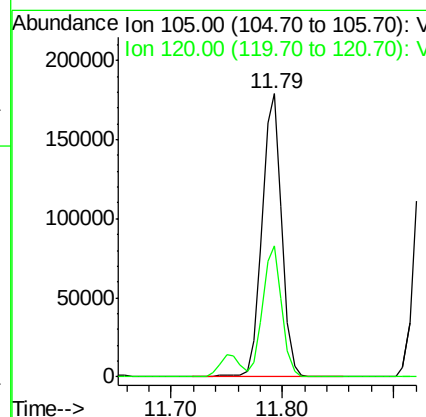
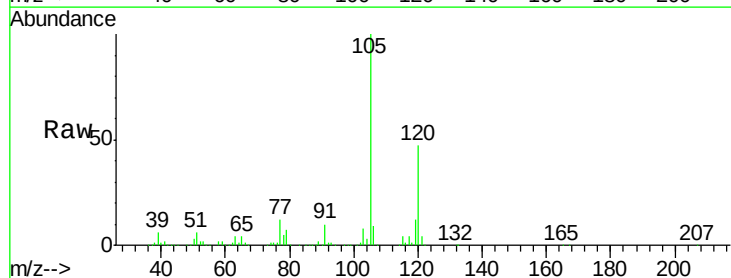
Manual Integrations
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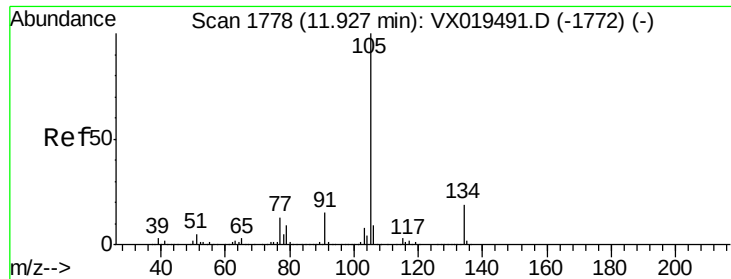
MMDadoda
 12/1/2020 9:35:55 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.578 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219485		
120	45.1	22.2	66.6	





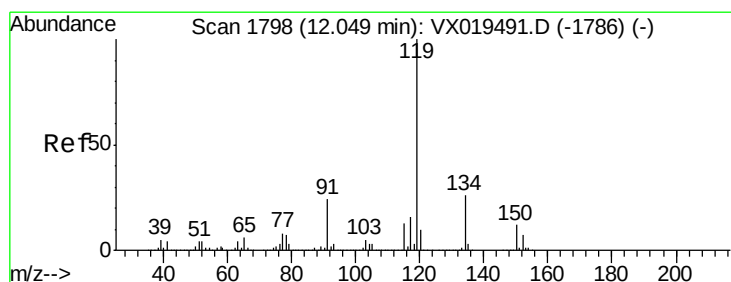
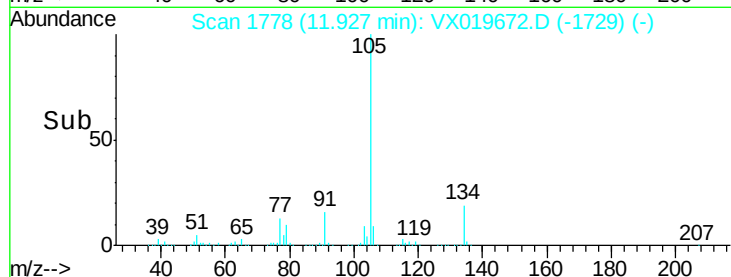
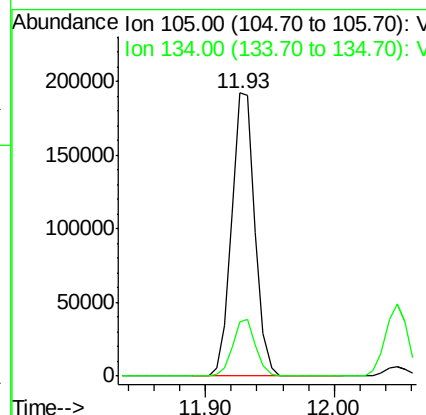
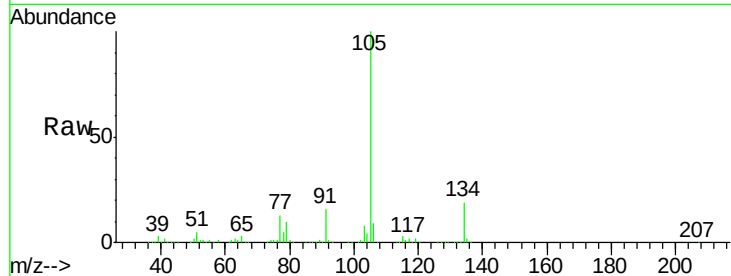
#85
 sec-Butylbenzene
 Concen: 19.154 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.3

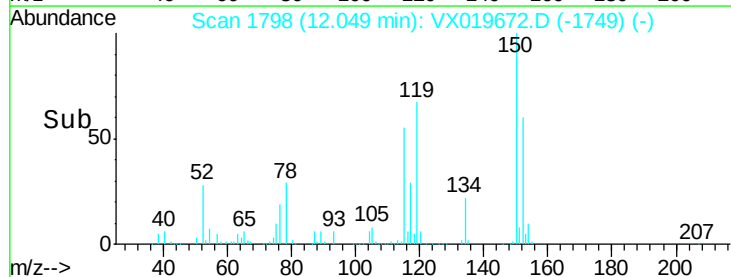
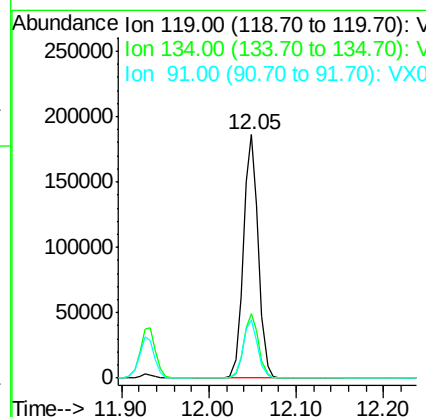
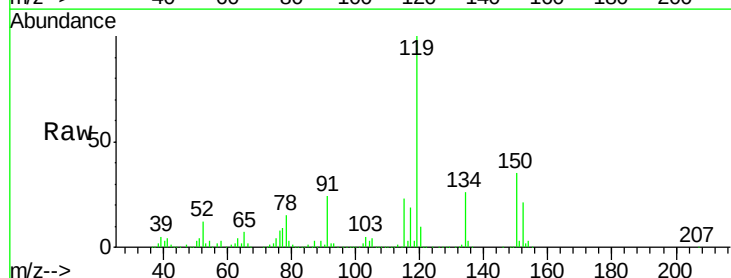
Manual Integrations
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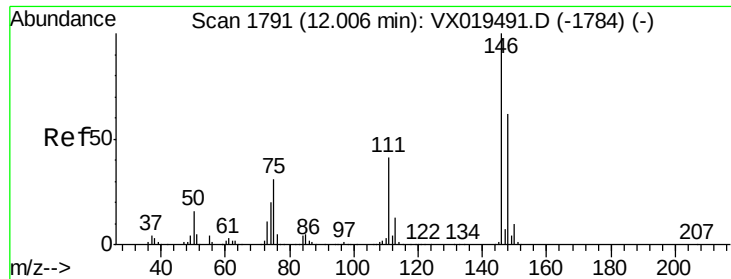
MMDadoda
 12/1/2020 9:35:55 AM



#86
 p-Isopropyltoluene
 Concen: 19.224 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	23.7	11.8	35.4





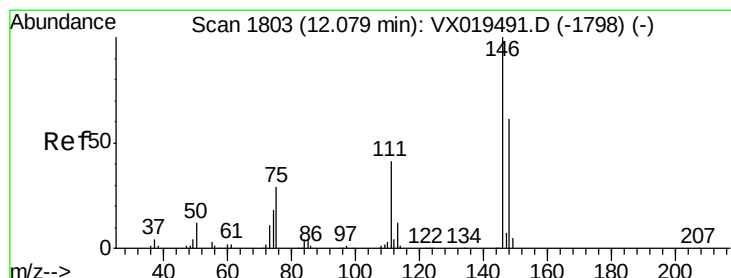
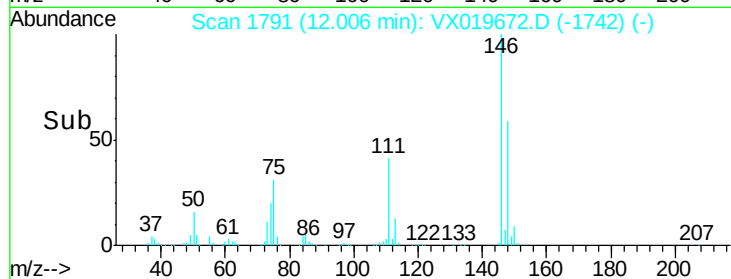
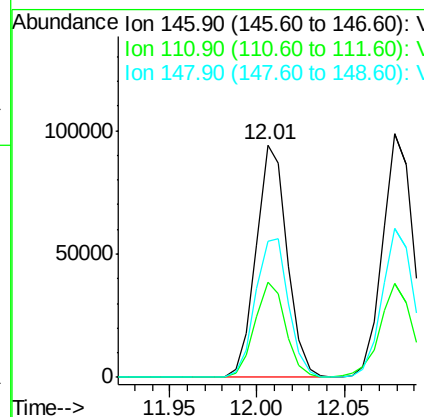
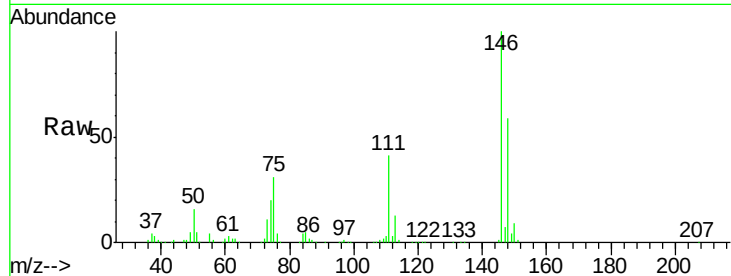
#87
 1,3-Dichlorobenzene
 Concen: 18.925 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampled :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	117191		
111	40.7	20.2	60.6	
148	63.3	31.4	94.2	

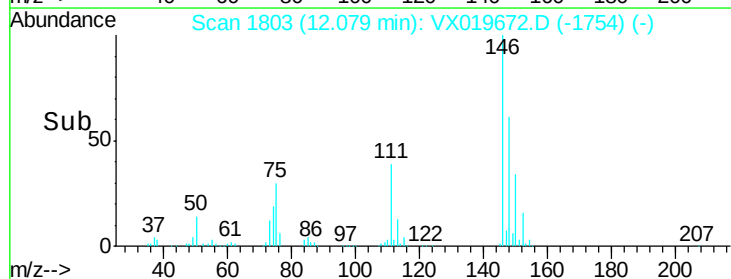
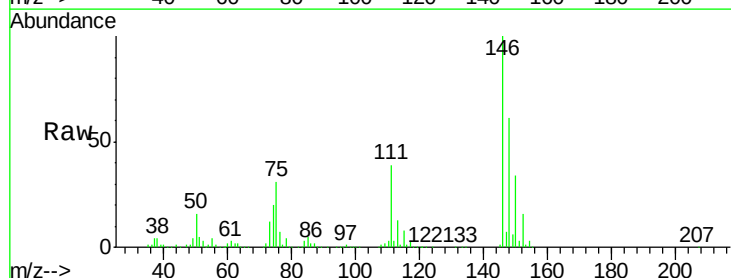
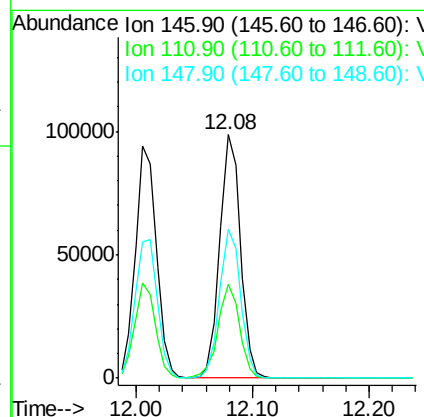
Manual Integrations
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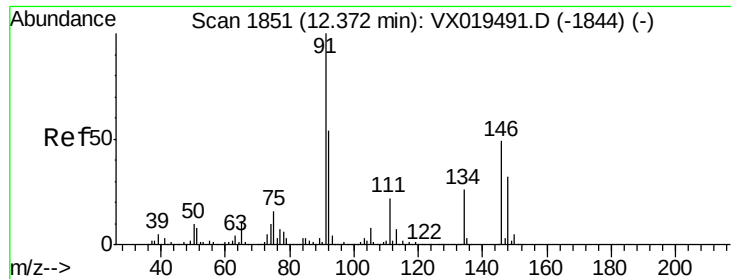
MMDadoda
 12/1/2020 9:35:55 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.881 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	120430		
111	40.2	19.9	59.6	
148	62.7	31.7	95.1	





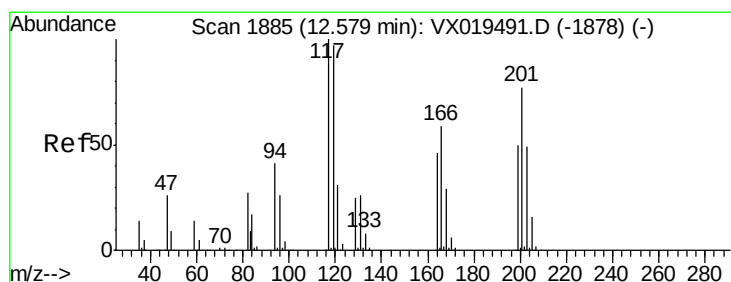
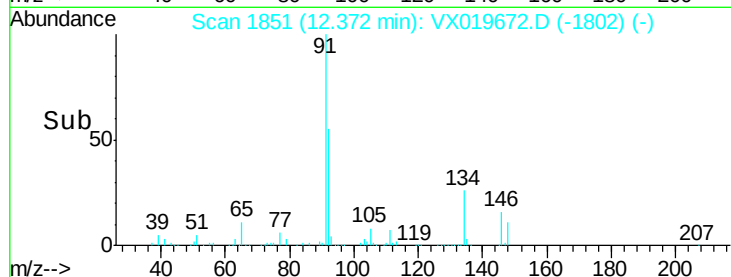
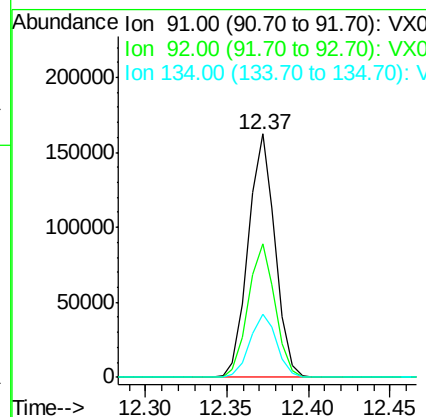
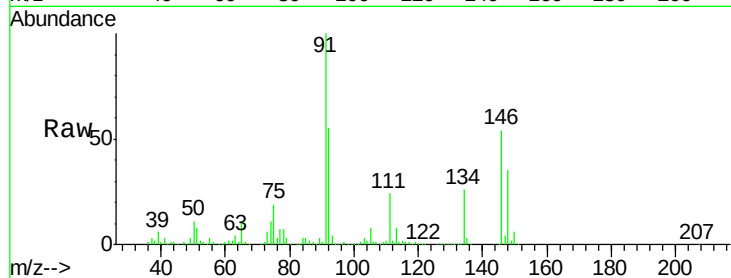
#89
n-Butylbenzene
Concen: 17.796 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.9	80.6
134	26.2	12.9	38.6

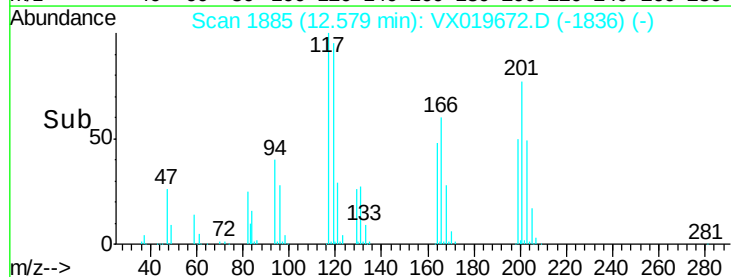
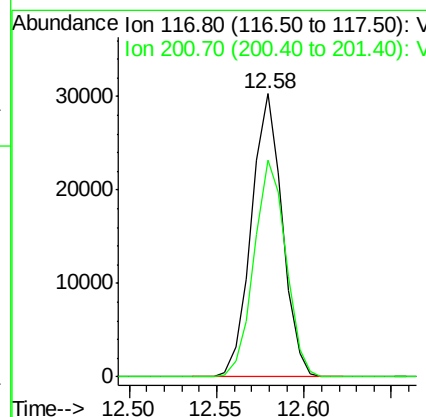
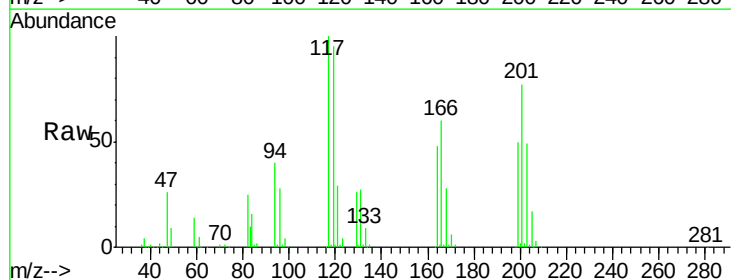
Manual Integrations
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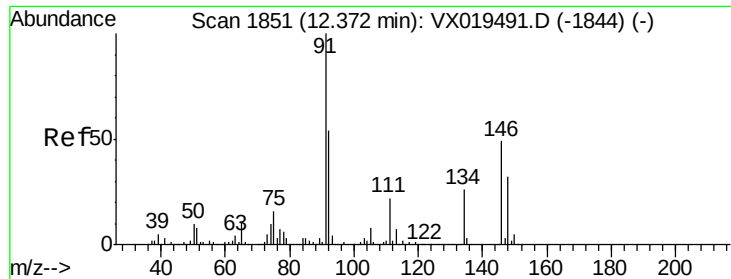
MMDadoda
12/1/2020 9:35:55 AM



#90
Hexachloroethane
Concen: 19.208 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019672.D
Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.4	118.2





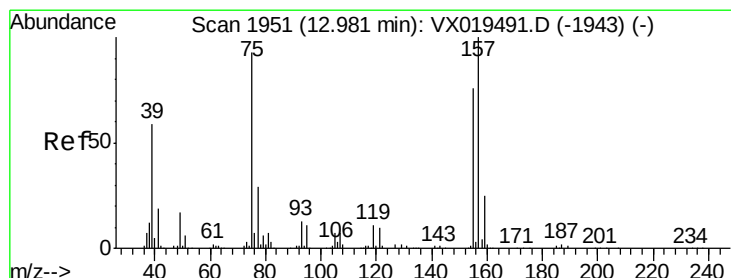
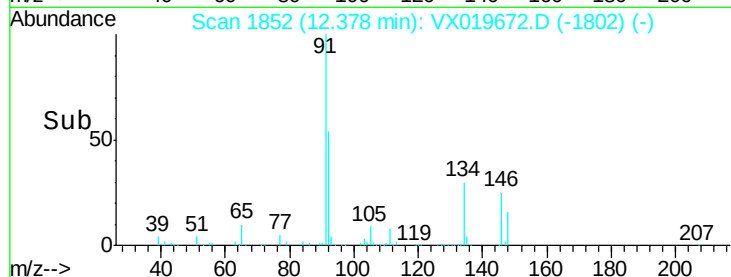
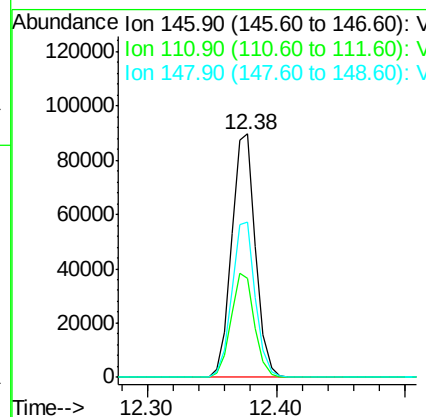
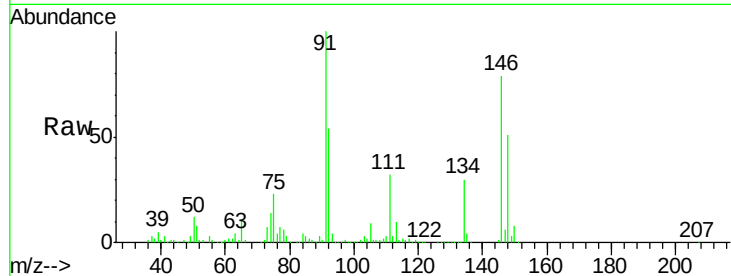
#91
 1,2-Dichlorobenzene
 Concen: 18.807 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	116970		
111	41.5	21.1	63.3	
148	62.6	32.4	97.0	

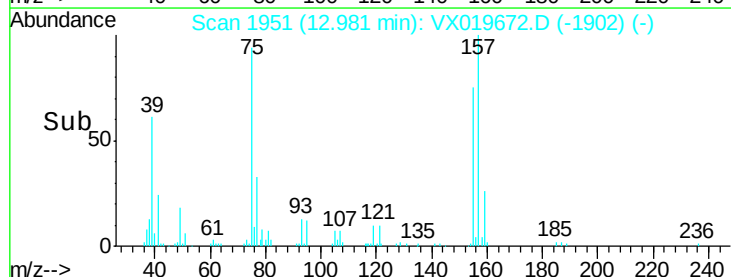
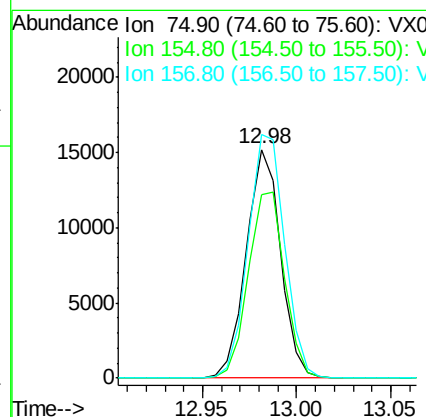
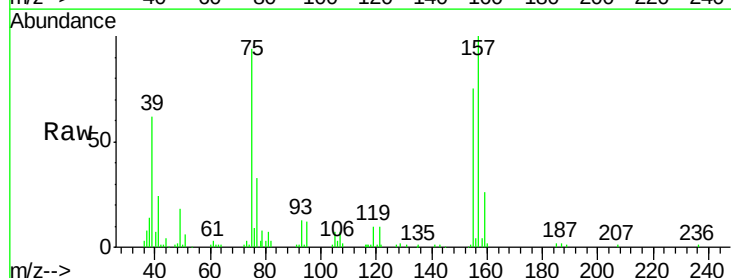
Manual Integrations
 APPROVED

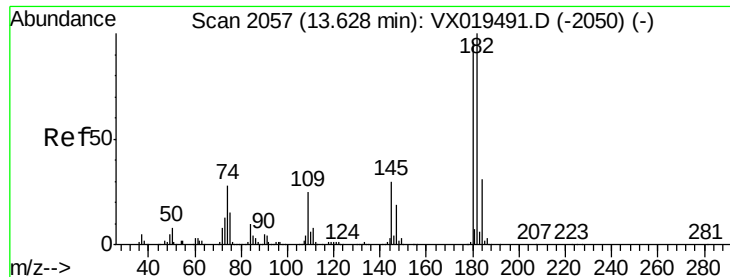
MMDadoda
 12/1/2020 9:35:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.928 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19203		
155	86.0	43.6	130.9	
157	113.3	57.0	170.8	





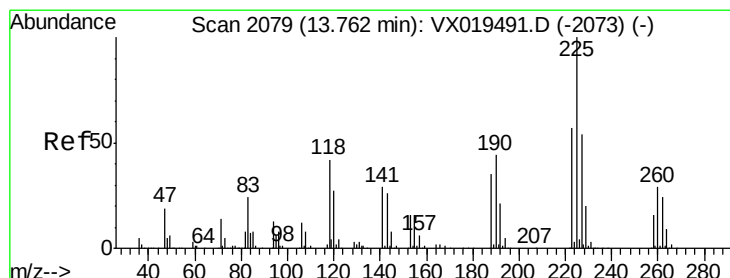
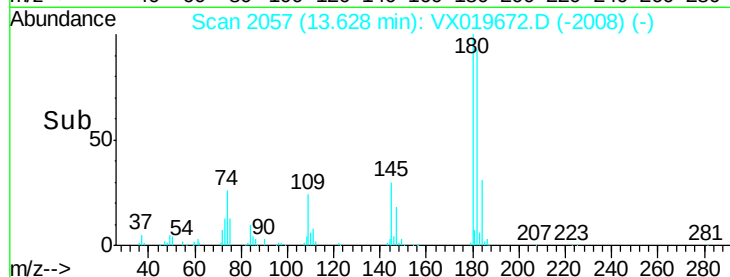
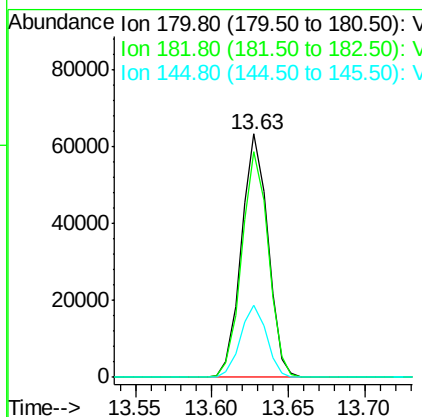
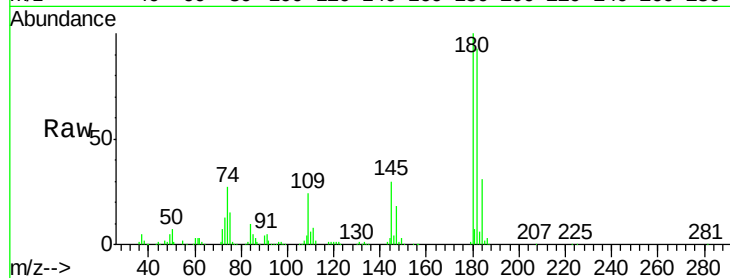
#93
 1,2,4-Trichlorobenzene
 Concen: 19.088 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.6	145.9
145	29.2	15.9	47.7

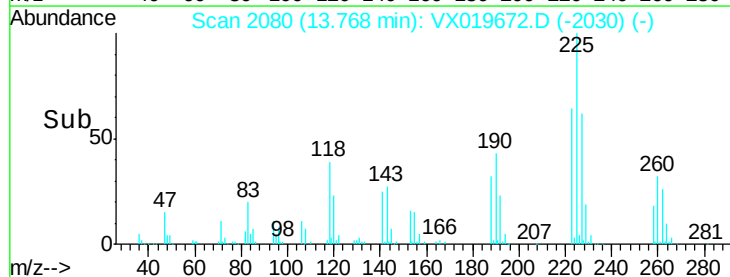
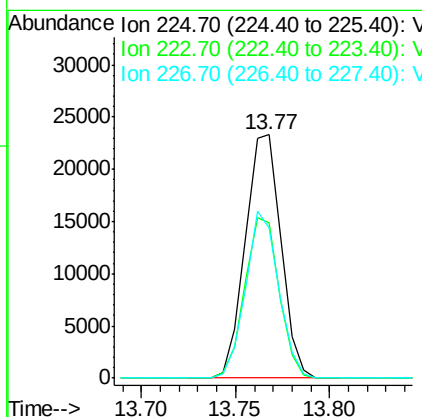
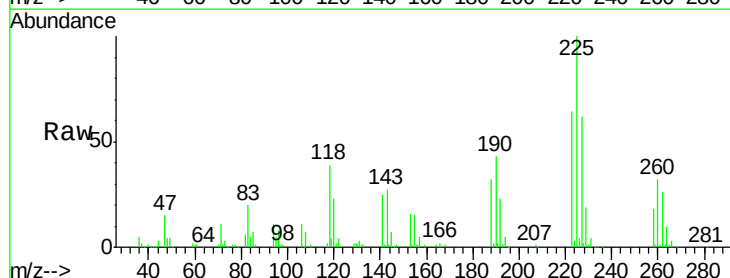
Manual Integrations
 APPROVED

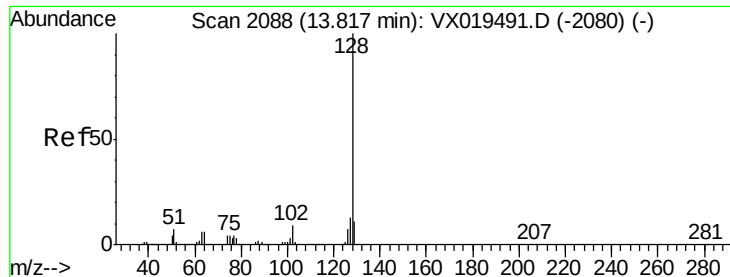
MMDadoda
 12/1/2020 9:35:55 AM



#94
 Hexachlorobutadiene
 Concen: 16.840 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019672.D
 Acq: 30 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.5	97.5
227	63.4	32.8	98.3





#95

Naphthalene

Concen: 19.459 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Instrument :

MSVOA_X

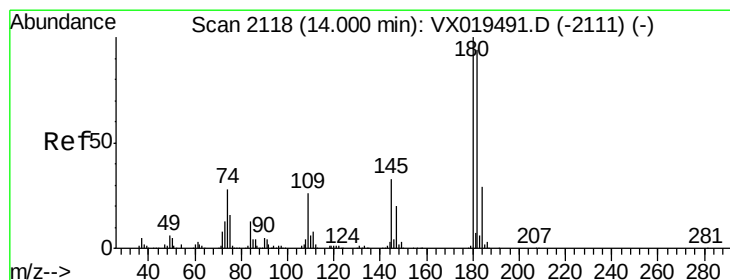
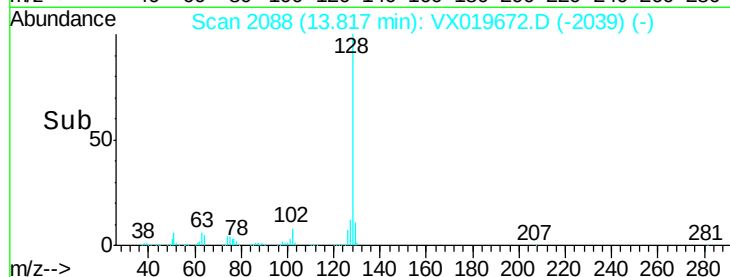
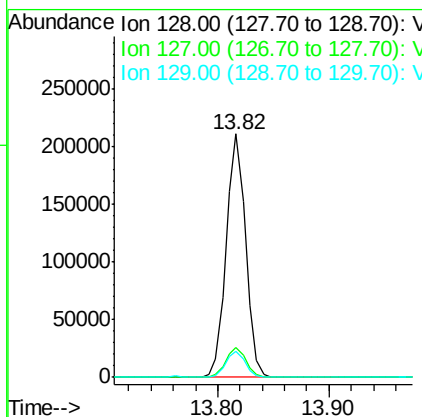
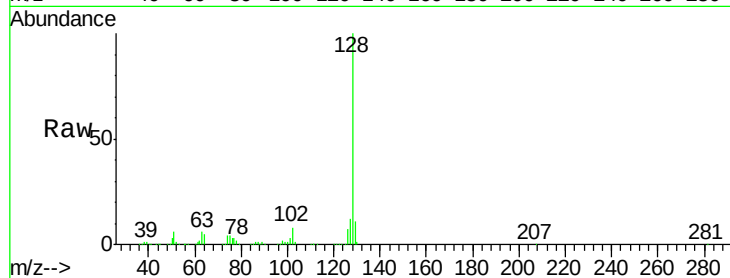
ClientSampleId :

VX1130WBSD01

Tot Ion:	128	Resp:	254459
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/1/2020 9:35:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.042 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019672.D

Acq: 30 Nov 2020 12:03

Tgt Ion:	180	Resp:	76054
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.1	144.3
145	32.0	16.6	49.8

