

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019929.D
 Acq On : 12 Dec 2020 14:05
 Operator : JC/MD
 Sample : VX1212WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:49:31 PM

Quant Time: Dec 14 05:55:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	273218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171313	47.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.42%
35) Dibromofluoromethane	5.46	113	137280	48.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.52%
50) Toluene-d8	8.70	98	525390	48.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.76%
62) 4-Bromofluorobenzene	11.12	95	200010	48.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.78%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	43684	17.464	ug/l	99
3) Chloromethane	1.31	50	49217	16.730	ug/l	100
4) Vinyl Chloride	1.39	62	56188	18.114	ug/l	100
5) Bromomethane	1.62	94	33535	32.560	ug/l	98
6) Chloroethane	1.71	64	36708	19.700	ug/l	98
7) Trichlorofluoromethane	1.92	101	80361	18.603	ug/l	95
8) Diethyl Ether	2.17	74	35051	19.147	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49412	19.956	ug/l	99
10) Methyl Iodide	2.49	142	56061	15.360	ug/l	99
11) Tert butyl alcohol	3.01	59	72044	95.980	ug/l	100
12) 1,1-Dichloroethene	2.36	96	47798	19.094	ug/l	98
13) Acrolein	2.27	56	27661	69.787	ug/l	99
14) Allyl chloride	2.70	41	78686	18.612	ug/l	97
15) Acrylonitrile	3.11	53	164569	101.377	ug/l	99
16) Acetone	2.42	43	135279	100.227	ug/l	100
17) Carbon Disulfide	2.55	76	112147	15.613	ug/l	99
18) Methyl Acetate	2.75	43	69987	21.190	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	182386	20.006	ug/l	99
20) Methylene Chloride	2.83	84	61674	19.137	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53887	18.464	ug/l	99
22) Diisopropyl ether	3.82	45	174397	20.402	ug/l	96
23) Vinyl Acetate	3.78	43	732350	100.563	ug/l	100
24) 1,1-Dichloroethane	3.67	63	99395	19.282	ug/l	99
25) 2-Butanone	4.62	43	211649	102.049	ug/l	98
26) 2,2-Dichloropropane	4.54	77	80932	18.232	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	64072	18.760	ug/l	99
28) Bromochloromethane	4.97	49	47582	19.364	ug/l	96
29) Tetrahydrofuran	5.08	42	132389	99.075	ug/l	99
30) Chloroform	5.17	83	103753	19.575	ug/l	99
31) Cyclohexane	5.54	56	82360	18.438	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86155	18.875	ug/l	99
36) 1,1-Dichloropropene	5.76	75	74140	18.833	ug/l	98
37) Ethyl Acetate	4.79	43	79796	20.076	ug/l	100
38) Carbon Tetrachloride	5.75	117	72044	18.688	ug/l	100

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Manual Integrations
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Quant Time: Dec 14 05:55:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86922	18.793	ug/l	99
40) Benzene	6.11	78	233840	19.445	ug/l	99
41) Methacrylonitrile	5.00	41	42877	19.647	ug/l	98
42) 1,2-Dichloroethane	6.16	62	83527	20.329	ug/l	100
43) Isopropyl Acetate	6.40	43	125400	19.405	ug/l	99
44) Trichloroethene	7.18	130	59894	18.983	ug/l	100
45) 1,2-Dichloropropane	7.48	63	60751	20.213	ug/l	96
46) Dibromomethane	7.63	93	39801	19.610	ug/l	99
47) Bromodichloromethane	7.87	83	78016	19.371	ug/l	97
48) Methyl methacrylate	7.74	41	62949	19.807	ug/l	98
49) 1,4-Dioxane	7.71	88	29757	386.508	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	407329	103.243	ug/l	100
52) Toluene	8.76	92	146764	19.513	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84680	18.947	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	93058	19.166	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	61495	20.289	ug/l	99
56) Ethyl methacrylate	9.16	69	90380	19.709	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104474	20.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249233	102.594	ug/l	99
59) 2-Hexanone	9.47	43	307264	100.474	ug/l	100
60) Dibromochloromethane	9.56	129	60007	19.487	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63803	19.824	ug/l	99
64) Tetrachloroethene	9.32	164	54795	20.120	ug/l	95
65) Chlorobenzene	10.12	112	156178	19.303	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	56373	19.358	ug/l	99
67) Ethyl Benzene	10.23	91	274434	19.109	ug/l	99
68) m/p-Xylenes	10.34	106	206993	38.250	ug/l	100
69) o-Xylene	10.68	106	99369	19.089	ug/l	99
70) Styrene	10.70	104	166205	18.916	ug/l	99
71) Bromoform	10.84	173	42173	18.409	ug/l #	98
73) Isopropylbenzene	11.00	105	267589	19.628	ug/l	99
74) N-amyl acetate	10.88	43	101790	18.631	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	96418	20.060	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	89457m	19.988	ug/l	
77) Bromobenzene	11.24	156	67581	19.371	ug/l	98
78) n-propylbenzene	11.34	91	304320	19.544	ug/l	99
79) 2-Chlorotoluene	11.40	91	186817	19.483	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	225659	19.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27234	17.591	ug/l	93
82) 4-Chlorotoluene	11.49	91	219533	19.548	ug/l	98
83) tert-Butylbenzene	11.76	119	218182	19.335	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	230343	19.874	ug/l	99
85) sec-Butylbenzene	11.93	105	257440	19.982	ug/l	99
86) p-Isopropyltoluene	12.05	119	234047	19.822	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120965	18.891	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	123005	18.860	ug/l	99
89) n-Butylbenzene	12.37	91	202563	19.363	ug/l	99
90) Hexachloroethane	12.58	117	37820	18.553	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	119916	19.211	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19867	19.227	ug/l	93

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1212WBSD01

Manual Integrations
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Quant Time: Dec 14 05:55:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77840	19.157	ug/l	98
94) Hexachlorobutadiene	13.76	225	36002	19.823	ug/l	96
95) Naphthalene	13.82	128	254586	19.326	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	77119	19.420	ug/l	98

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

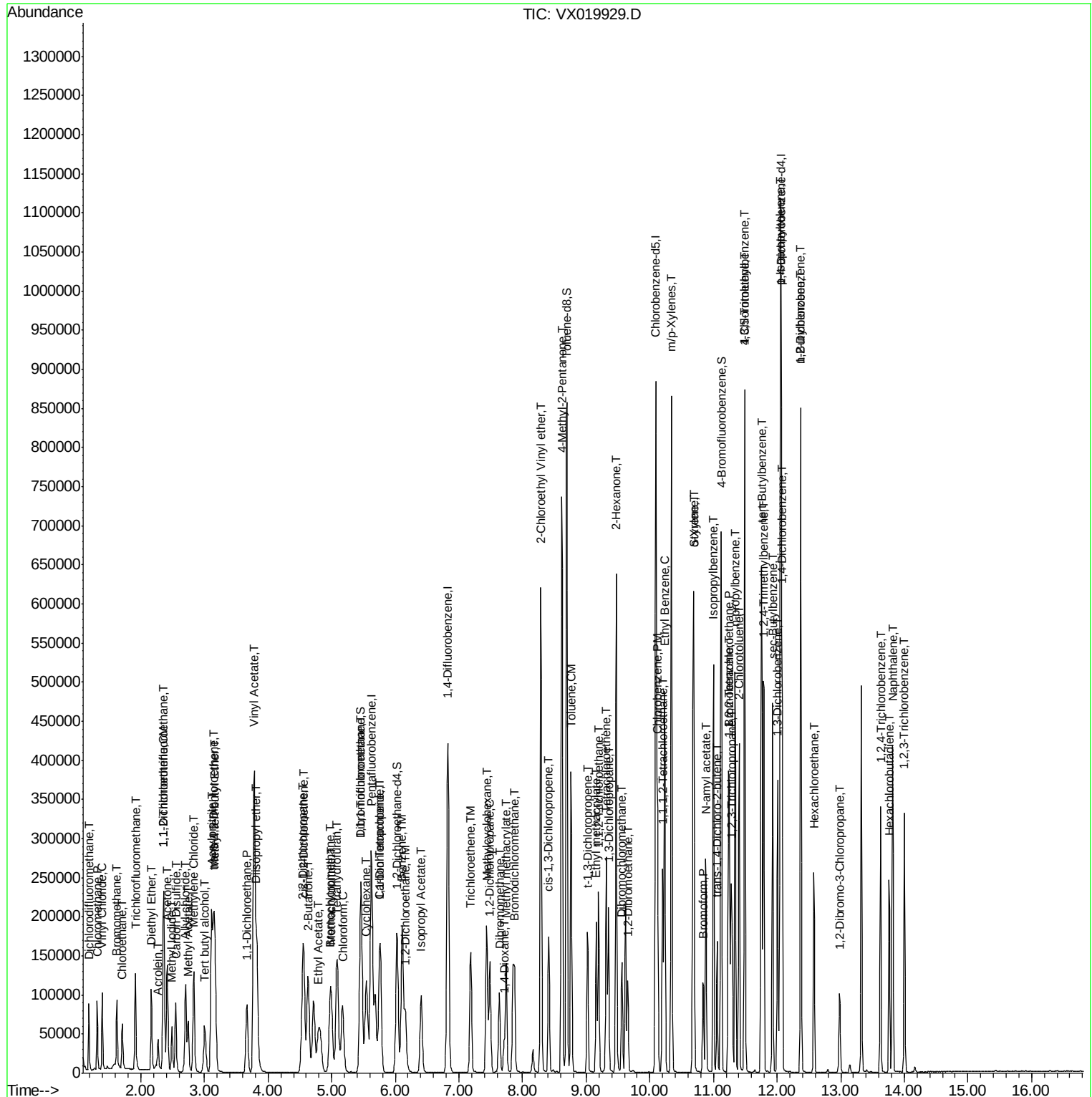
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Data File : VX019929.D
Acq On : 12 Dec 2020 14:05
Operator : JC/MD
Sample : VX1212WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

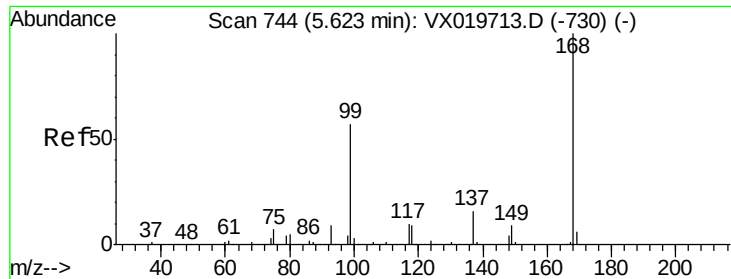
Instrument :
MSVOA_X
Client Sampled :
VX1212WBSD01

Manual Integrations
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Quant Time: Dec 14 05:55:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion:168 Resp: 273218

Ion Ratio Lower Upper

168 100

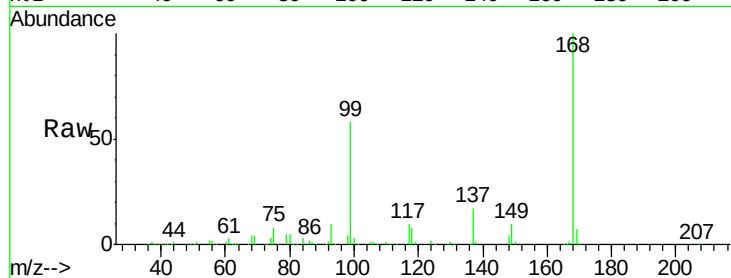
99 58.3 45.8 68.6

Manual Integrations

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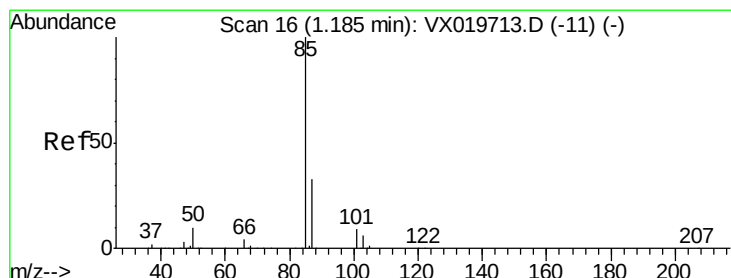
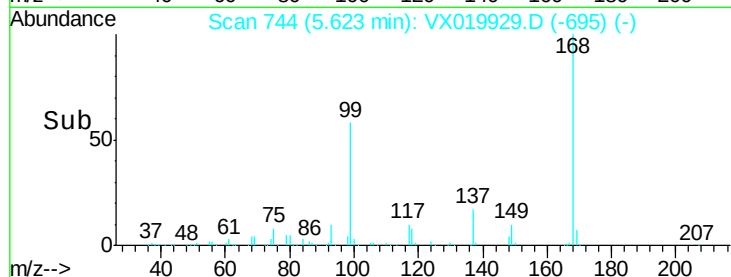
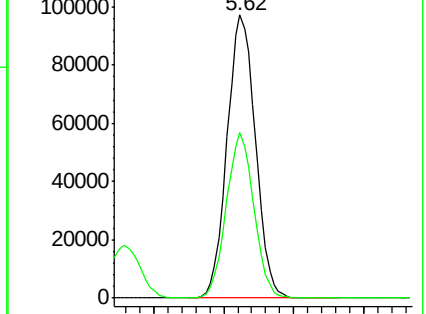
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.464 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019929.D

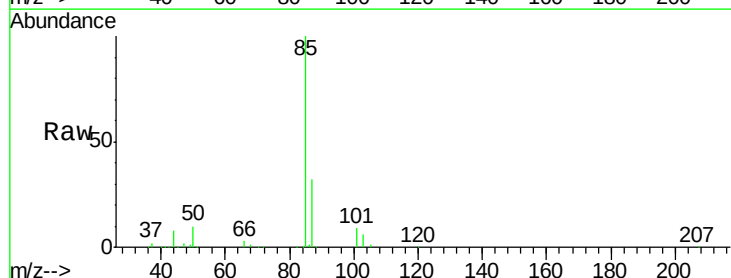
Acq: 12 Dec 2020 14:05

Tgt Ion: 85 Resp: 43684

Ion Ratio Lower Upper

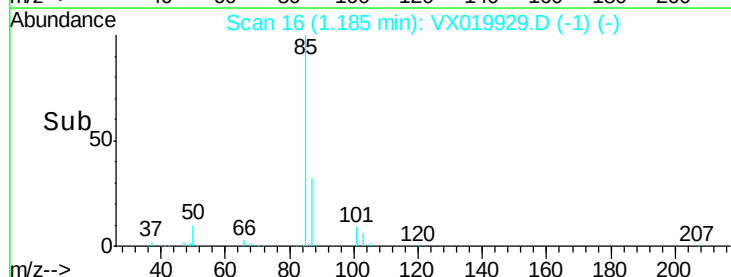
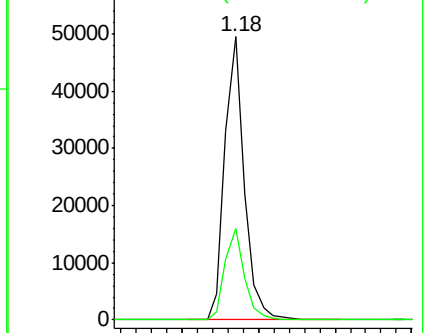
85 100

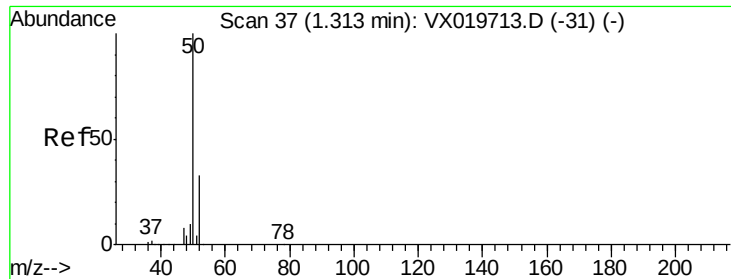
87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.730 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 50 Resp: 49217

Ion Ratio Lower Upper

50 100

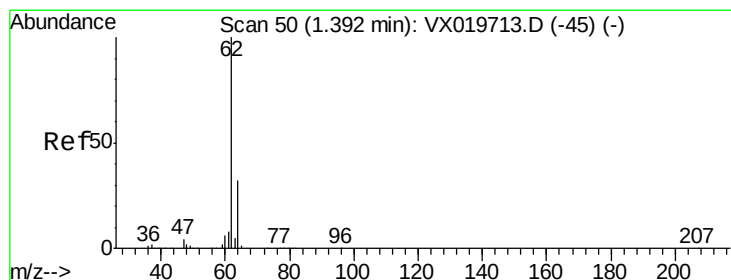
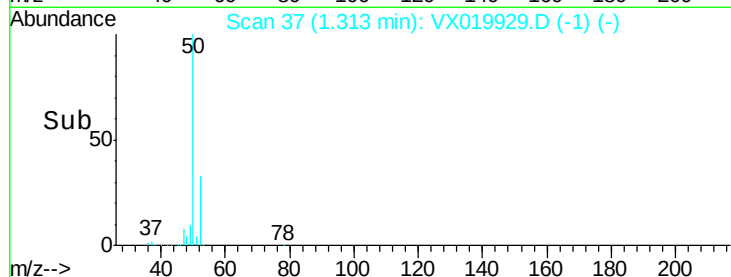
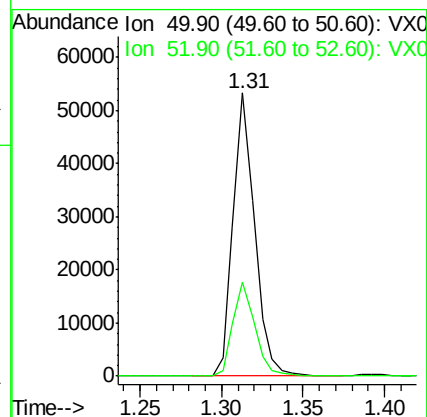
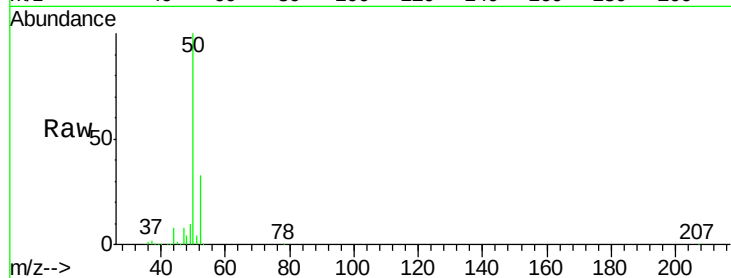
52 33.1 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.114 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019929.D

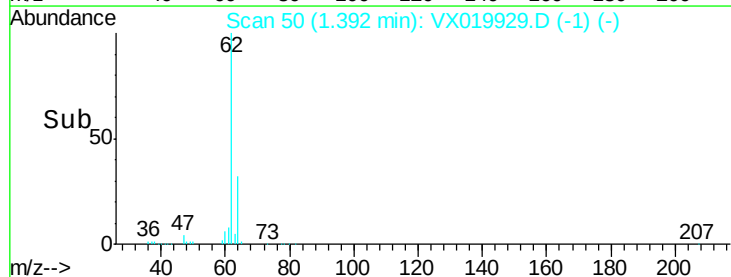
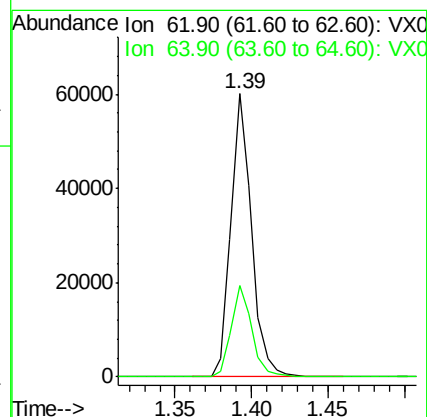
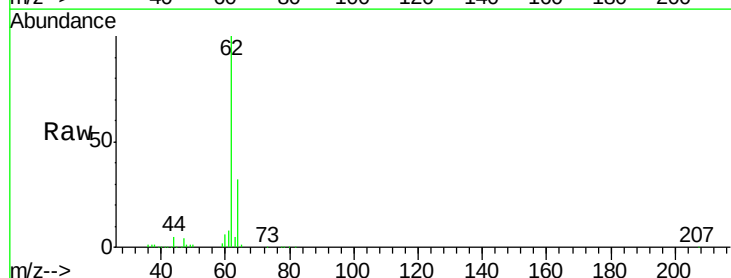
Acq: 12 Dec 2020 14:05

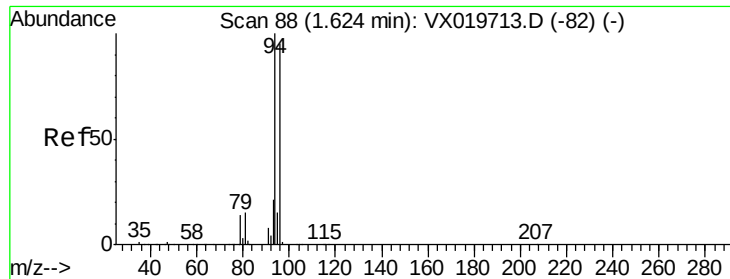
Tgt Ion: 62 Resp: 56188

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 32.560 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 94 Resp: 33535

Ion Ratio Lower Upper

94 100

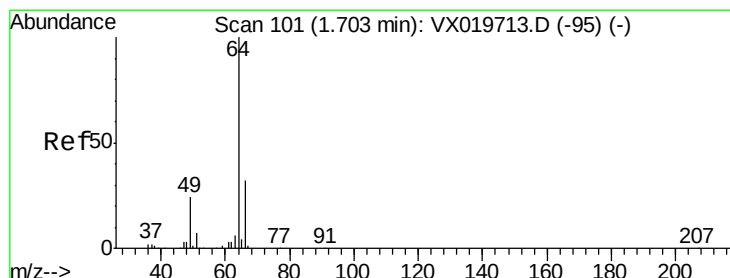
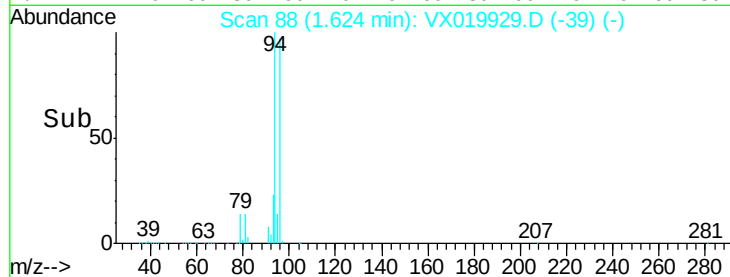
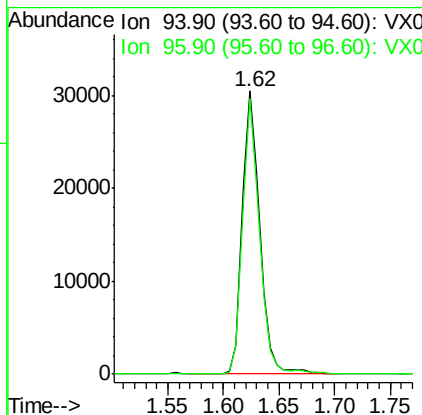
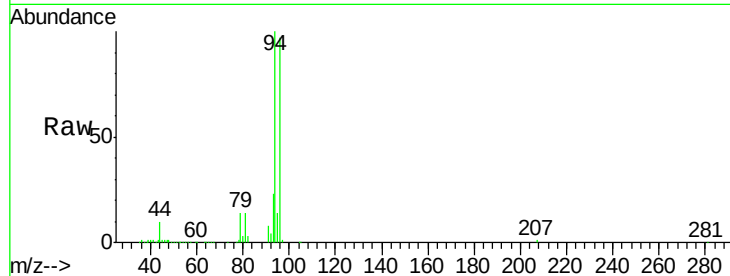
96 97.3 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 19.700 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019929.D

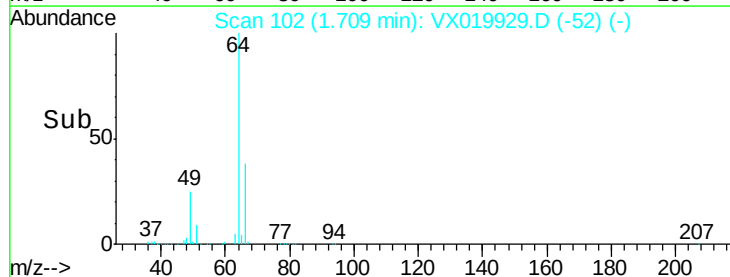
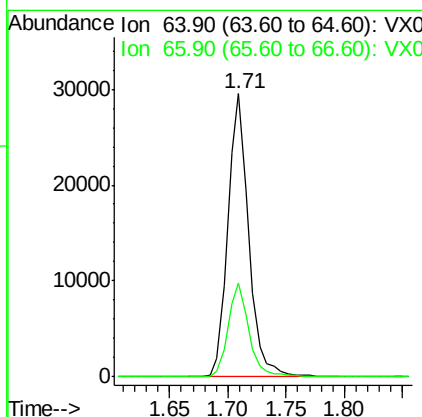
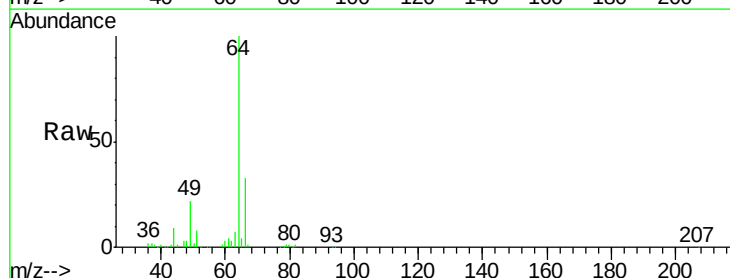
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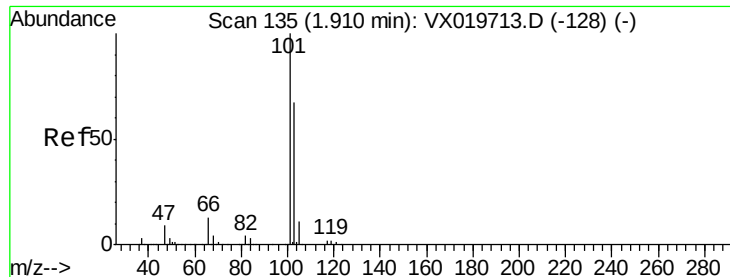
Tgt Ion: 64 Resp: 36708

Ion Ratio Lower Upper

64 100

66 33.0 25.4 38.0





#7

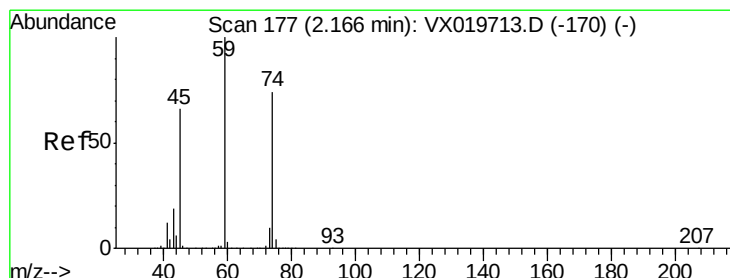
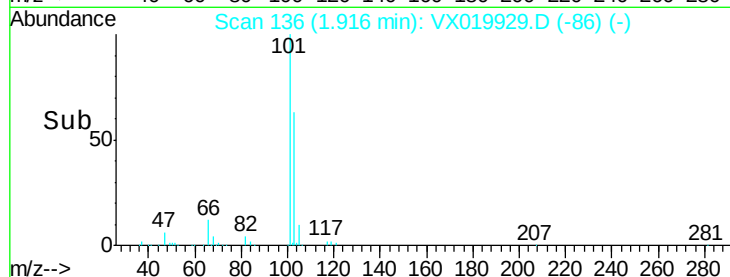
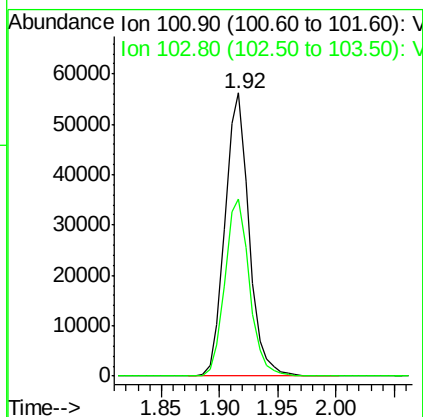
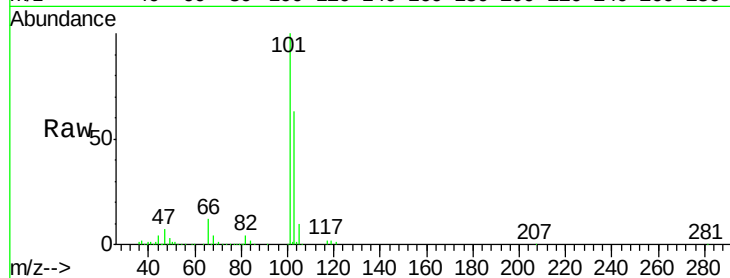
Trichlorofluoromethane
Concen: 18.603 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
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ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	53.2	79.8

Manual Integrations
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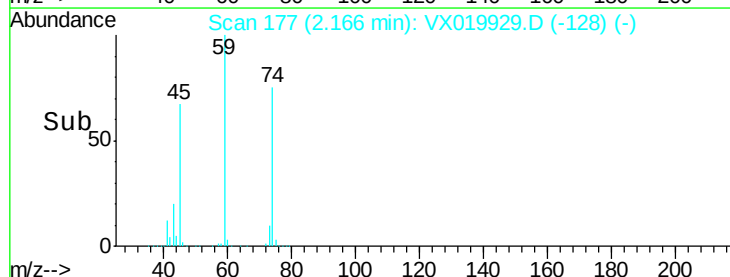
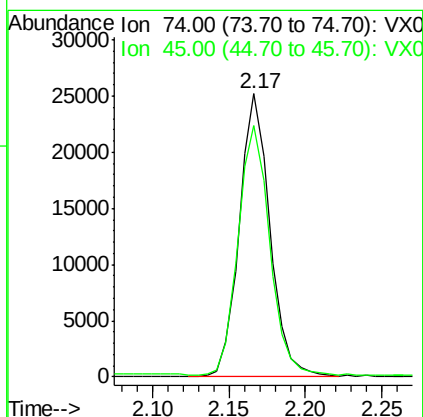
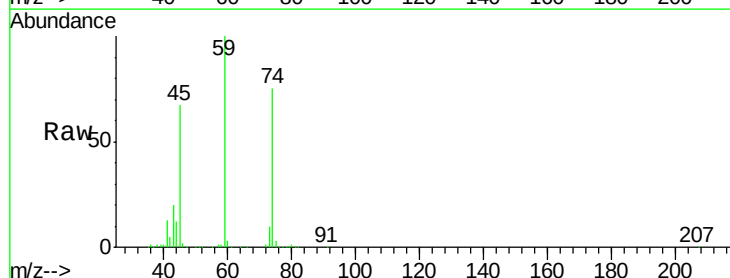
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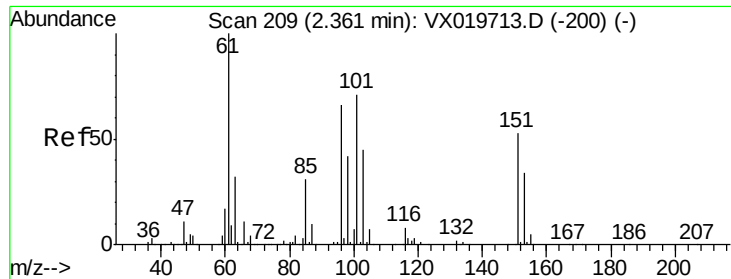


#8

Diethyl Ether
Concen: 19.147 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.0	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.956 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

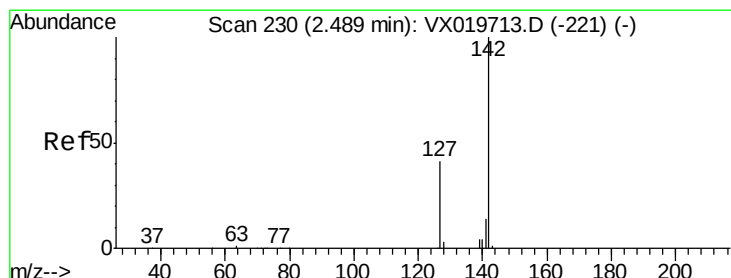
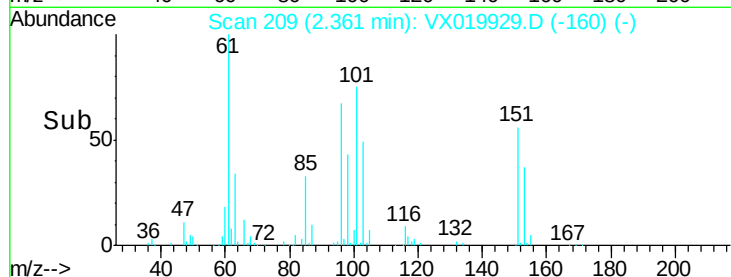
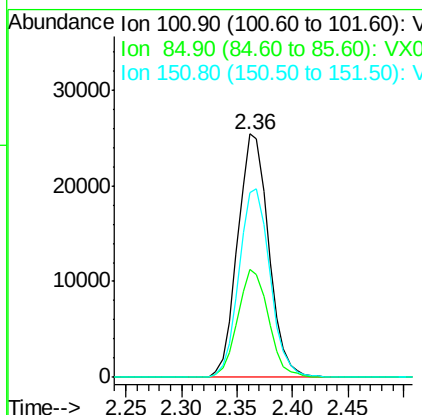
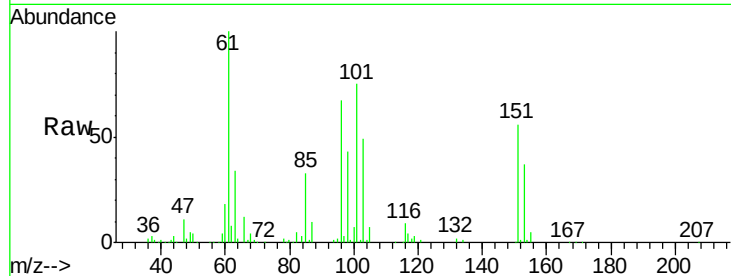
ClientSampleId :

VX1212WBSD01

Tot Ion:	101	Resp:	49412
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	77.4	61.4	92.2

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#10

Methyl Iodide

Concen: 15.360 ug/l

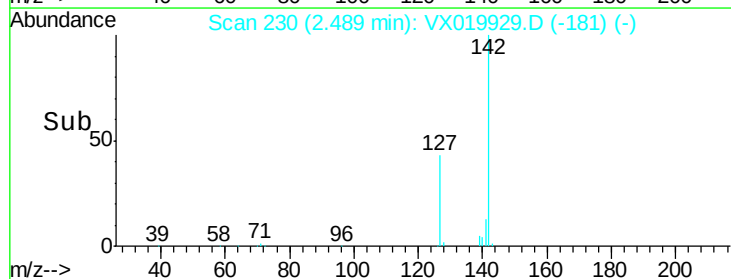
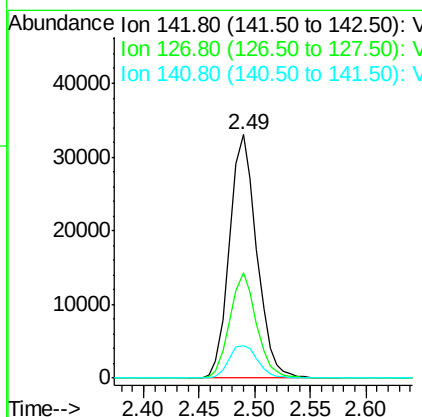
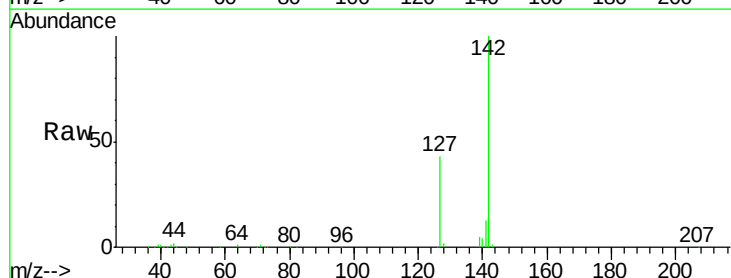
RT: 2.49 min Scan# 230

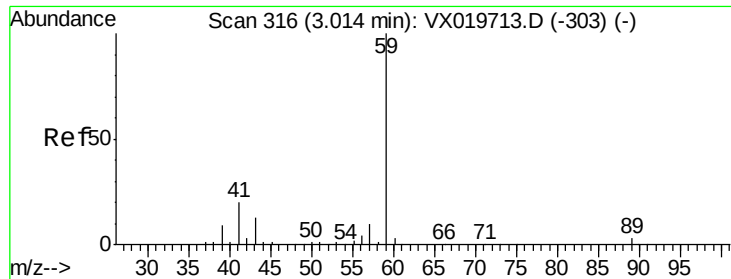
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	142	Resp:	56061
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.3	49.9
141	14.4	11.4	17.0





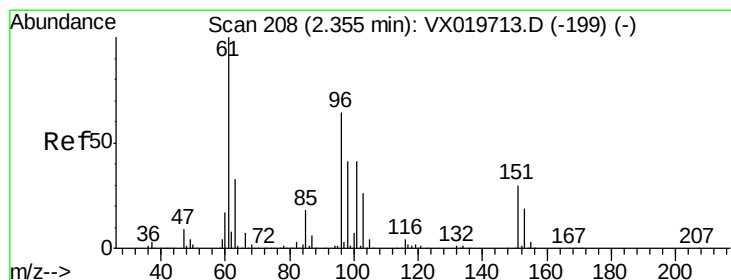
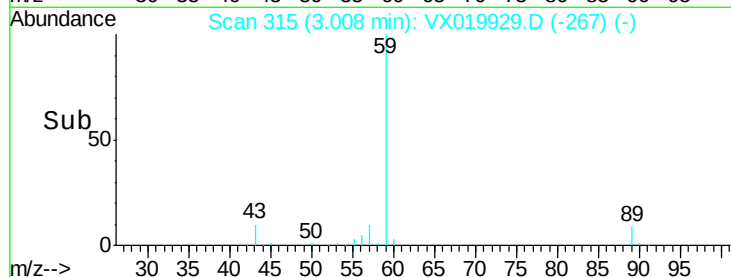
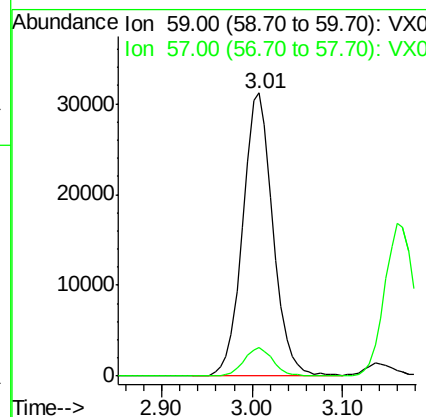
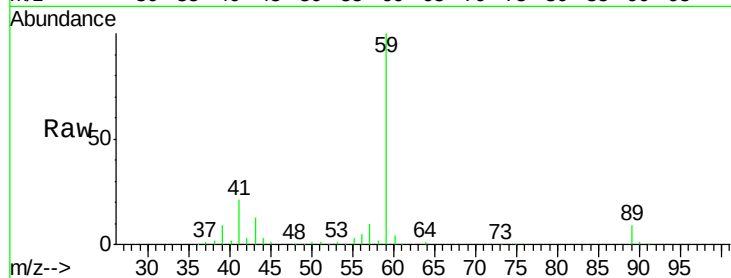
#11
Tert butyl alcohol
Concen: 95.980 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.8

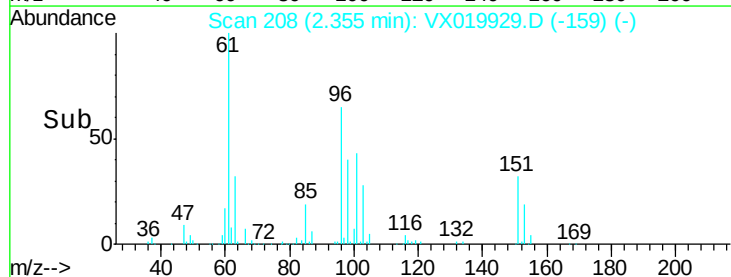
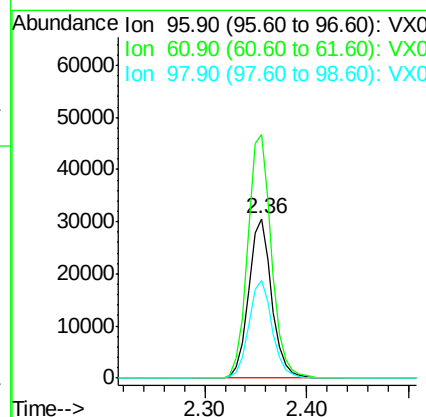
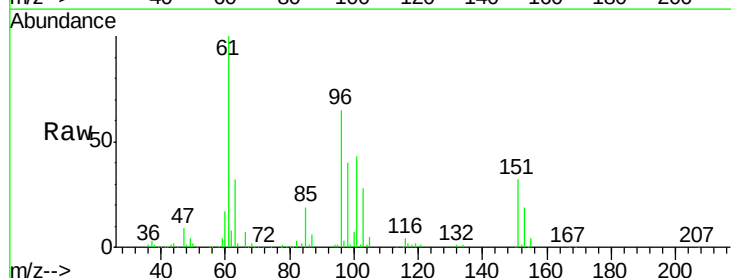
Manual Integrations
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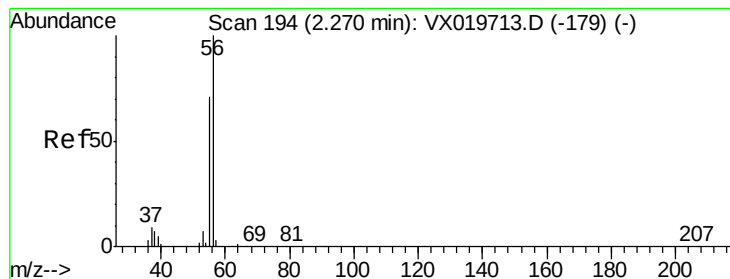
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.094 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	124.6	187.0
98	61.4	50.6	76.0





#13

Acrolein

Concen: 69.787 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 56 Resp: 27661

Ion Ratio Lower Upper

56 100

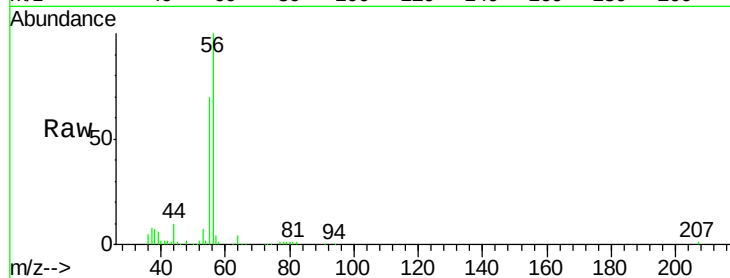
55 71.4 56.4 84.6

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

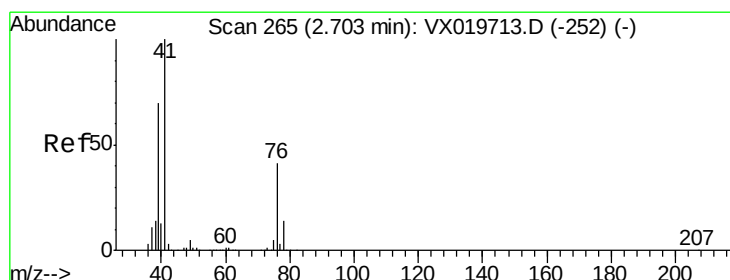
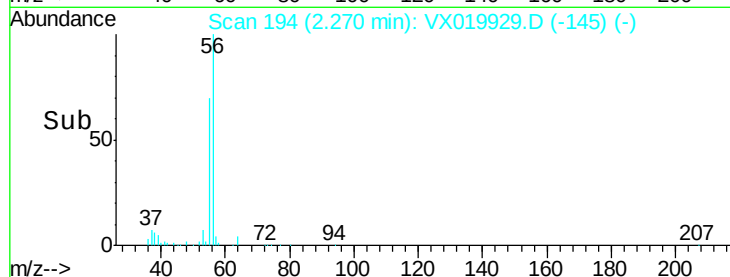
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 18.612 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

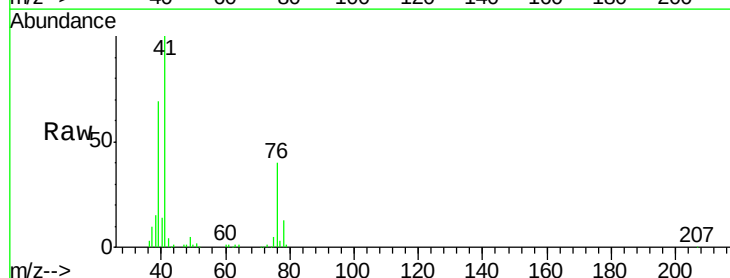
Tgt Ion: 41 Resp: 78686

Ion Ratio Lower Upper

41 100

39 62.7 51.6 77.4

76 36.4 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

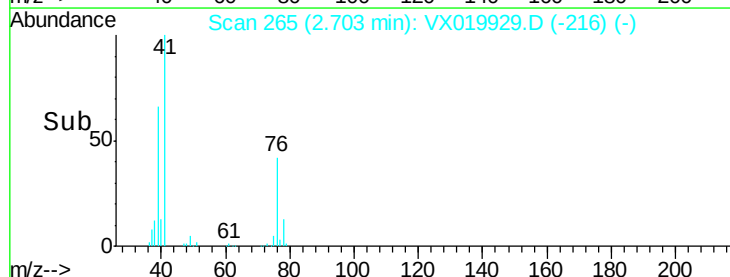
60000

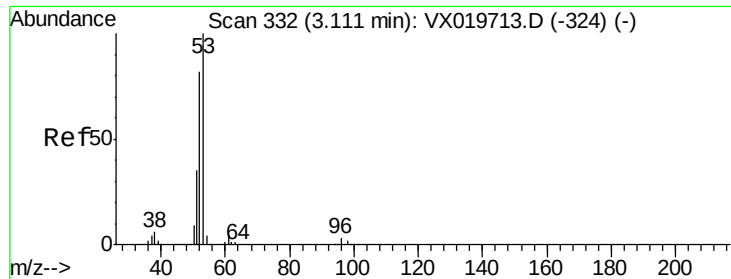
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 101.377 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

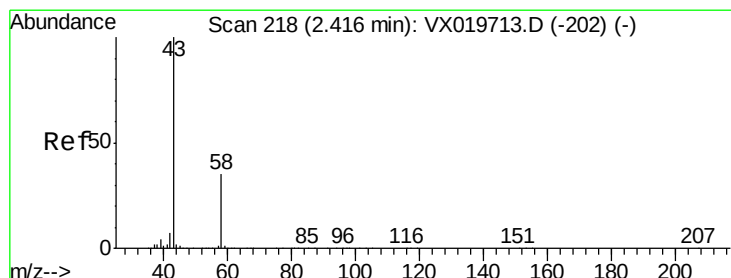
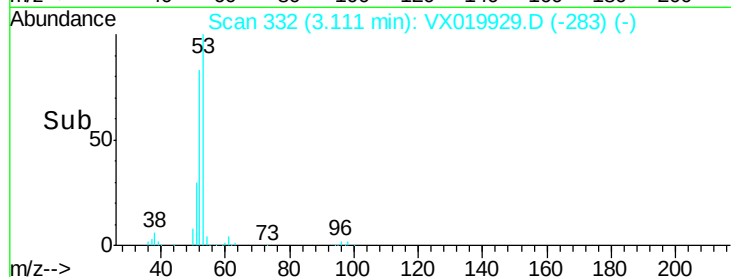
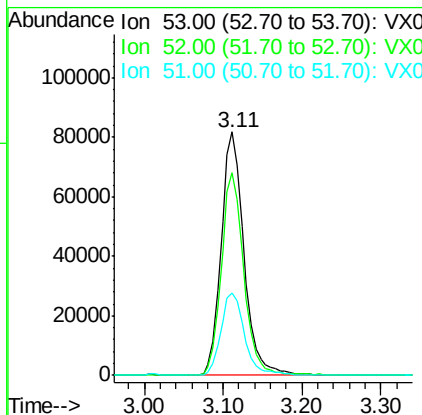
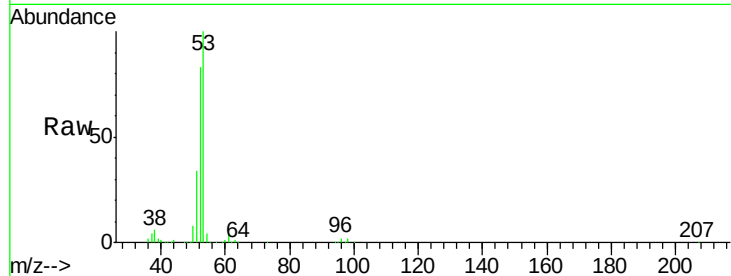
ClientSampleId :

VX1212WBSD01

Tot Ion:	53	Resp:	164569
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.3	97.9
51	35.4	28.2	42.2

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#16

Acetone

Concen: 100.227 ug/l

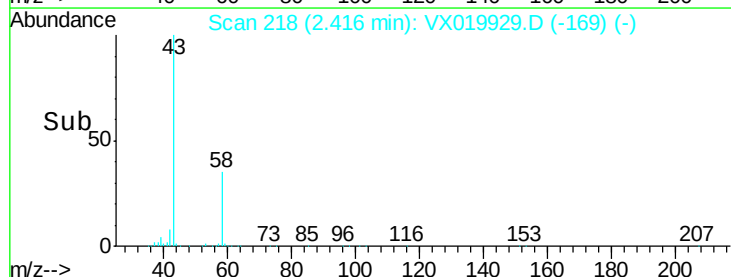
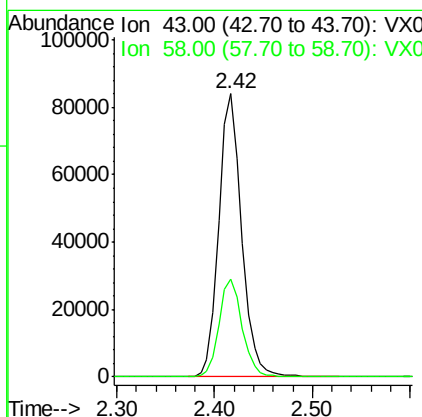
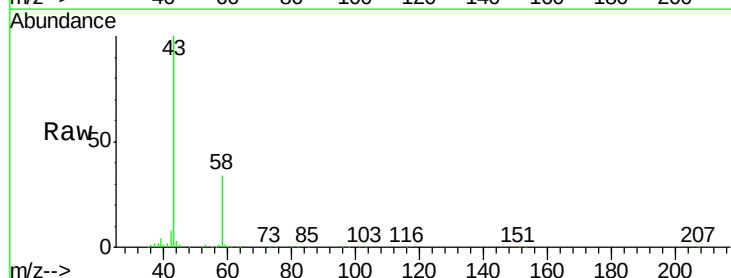
RT: 2.42 min Scan# 218

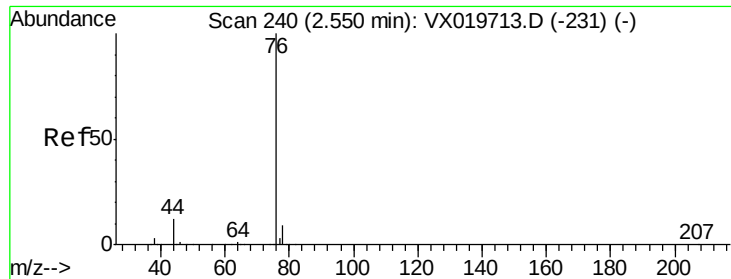
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	43	Resp:	135279
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.8	41.8





#17

Carbon Disulfide

Concen: 15.613 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 76 Resp: 112147

Ion Ratio Lower Upper

76 100

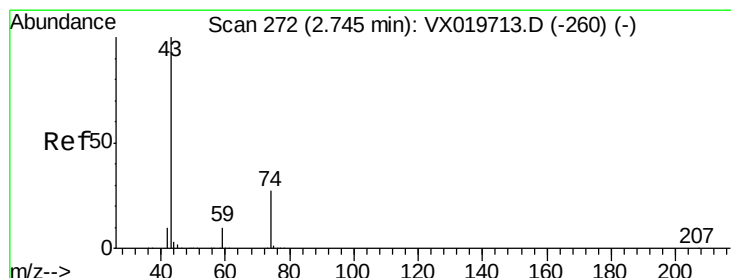
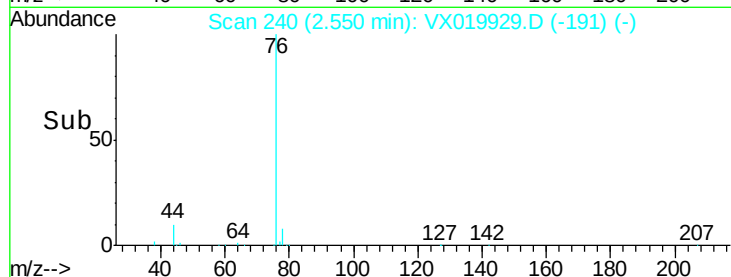
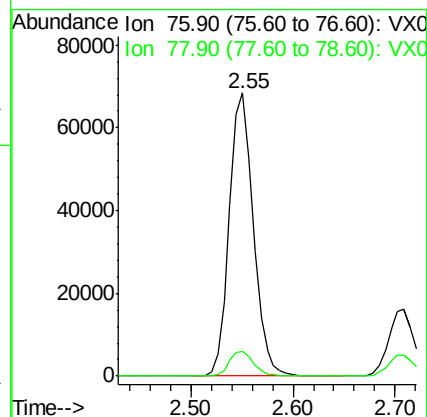
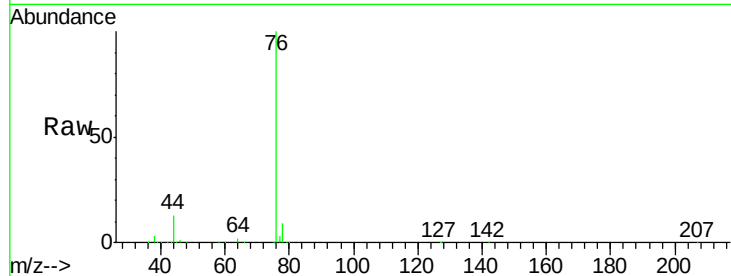
78 8.6 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 21.190 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019929.D

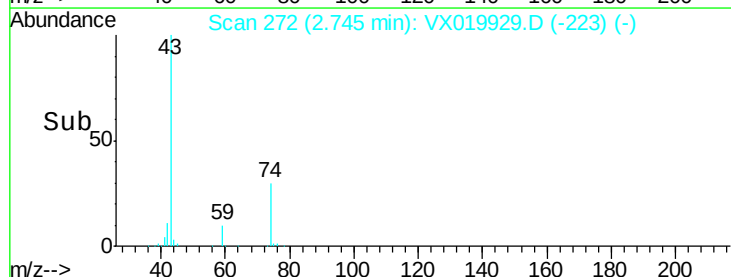
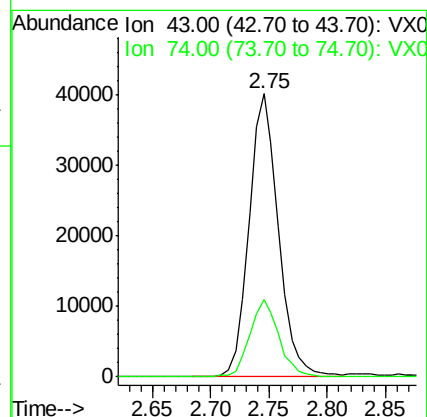
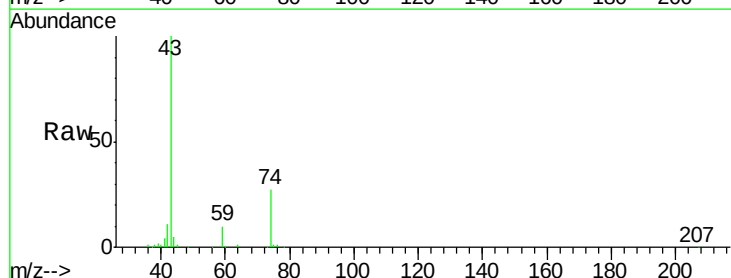
Acq: 12 Dec 2020 14:05

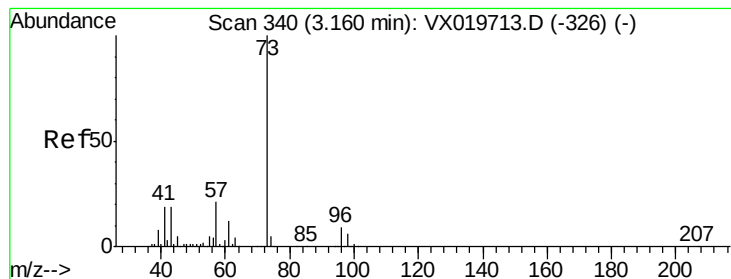
Tgt Ion: 43 Resp: 69987

Ion Ratio Lower Upper

43 100

74 27.3 21.9 32.9





#19

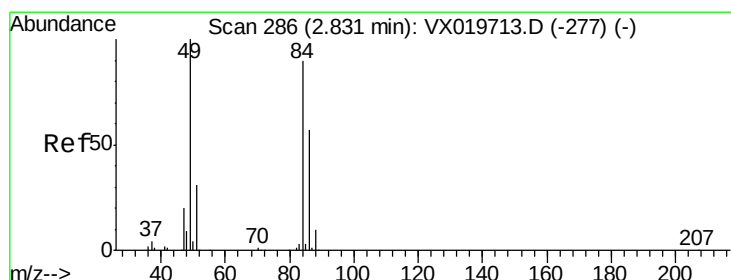
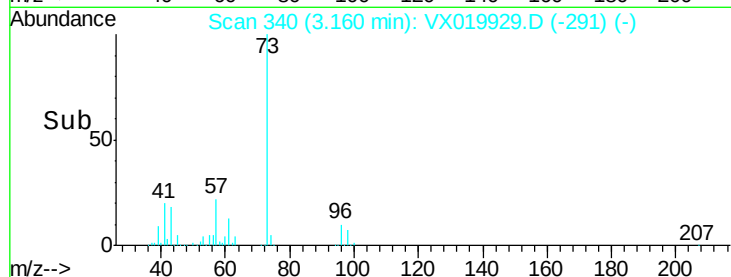
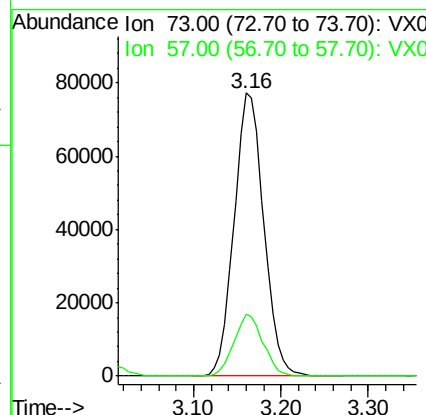
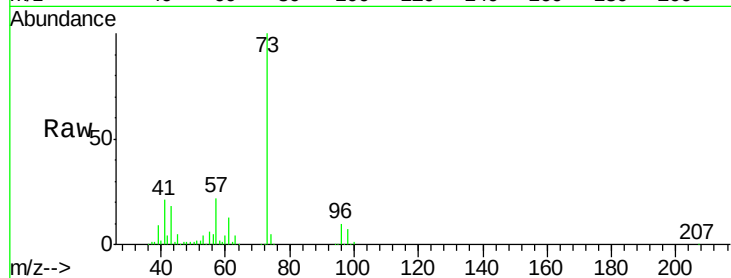
Methvl tert-butvl Ether
 Concen: 20.006 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.1	25.7

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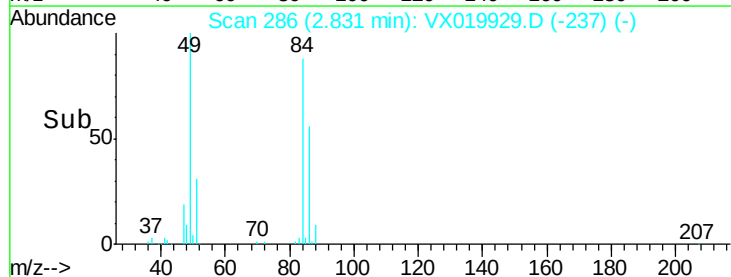
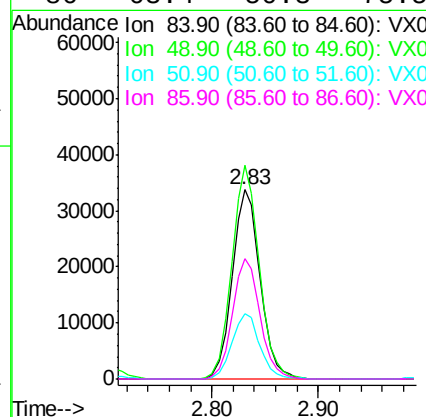
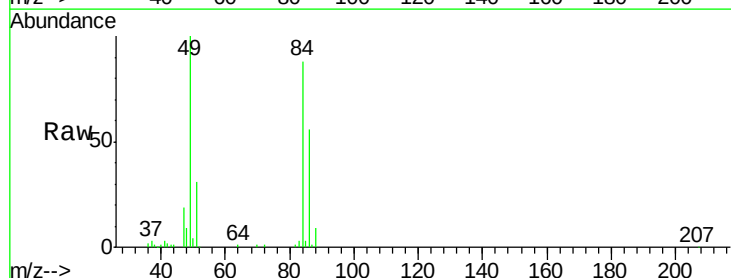
MMDadoda
 12/15/2020 4:49:31 PM

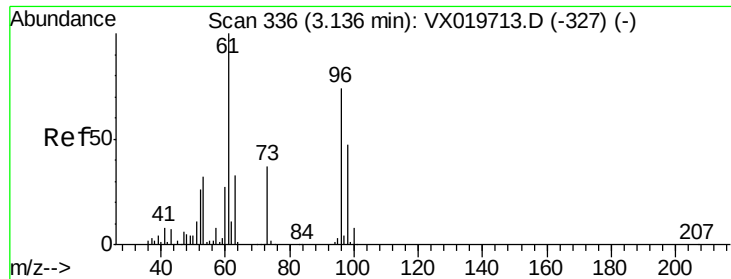


#20

Methylene Chloride
 Concen: 19.137 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.0	88.6	132.8
51	34.6	27.0	40.6
86	63.4	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 18.464 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

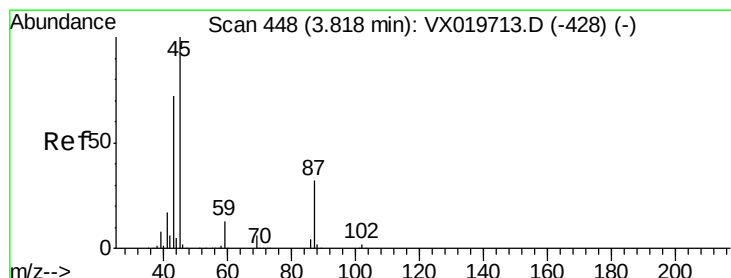
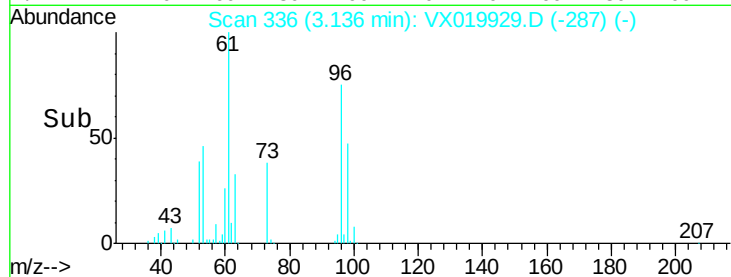
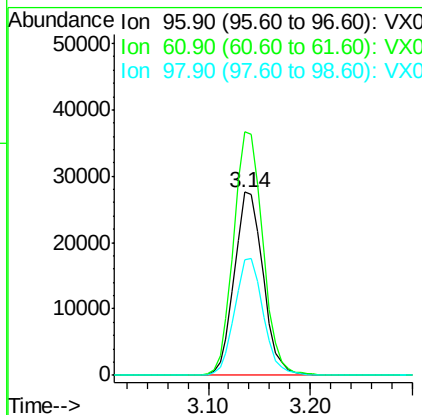
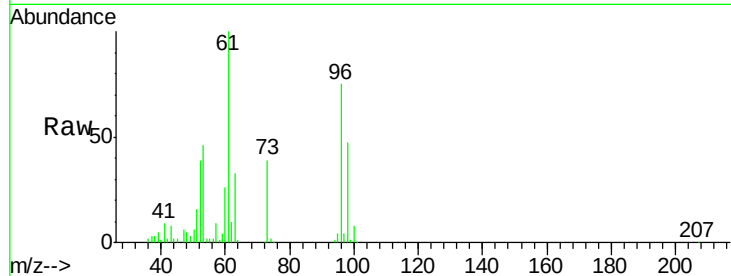
ClientSampleId :

VX1212WBSD01

Tot Ion:	96	Resp:	53887
Ion	Ratio	Lower	Upper
96	100		
61	133.2	107.7	161.5
98	63.2	50.4	75.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.402 ug/l

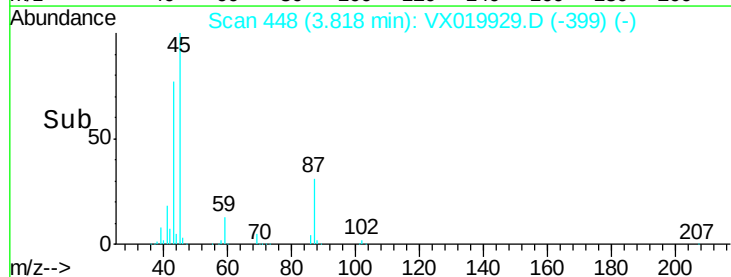
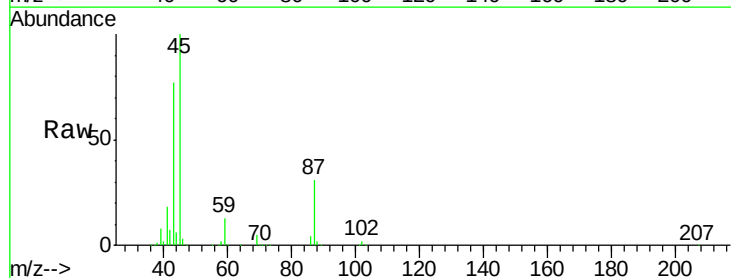
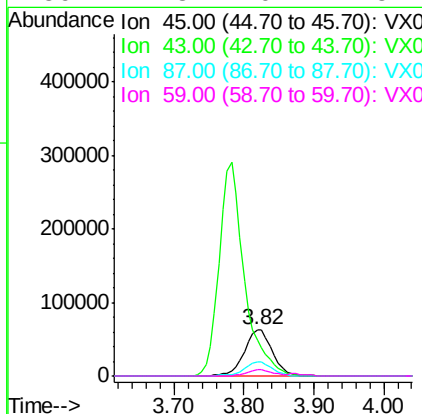
RT: 3.82 min Scan# 448

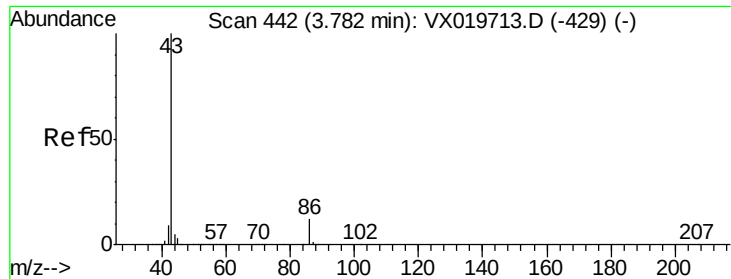
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	45	Resp:	174397
Ion	Ratio	Lower	Upper
45	100		
43	76.5	58.0	87.0
87	30.7	25.4	38.0
59	12.8	10.2	15.2





#23

Vinyl Acetate

Concen: 100.563 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 43 Resp: 732350

Ion Ratio Lower Upper

43 100

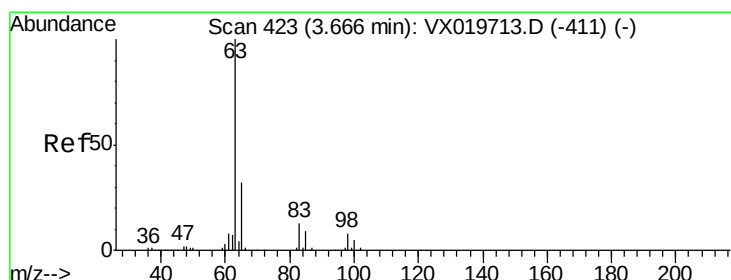
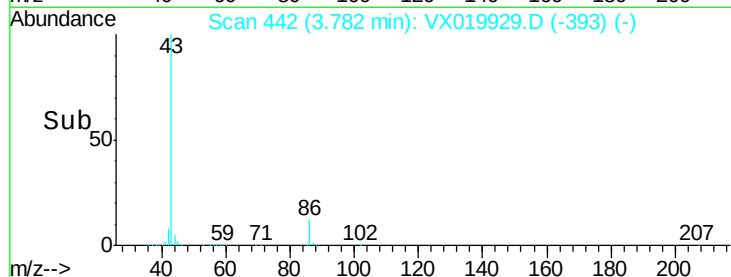
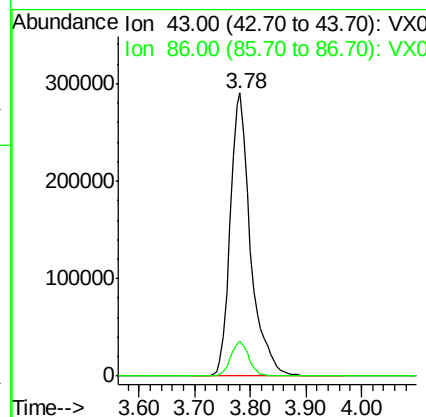
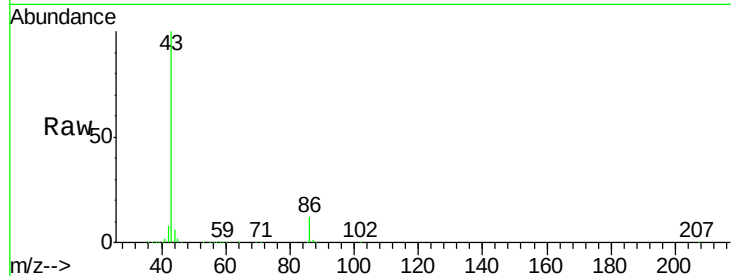
86 12.3 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.282 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

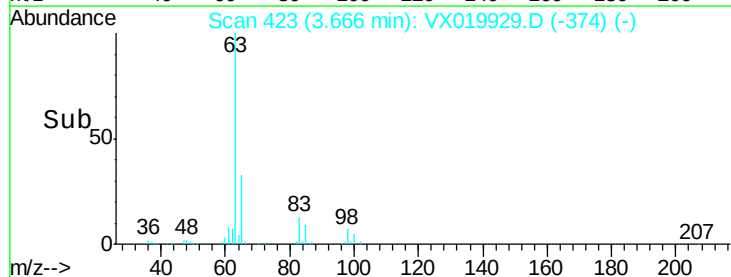
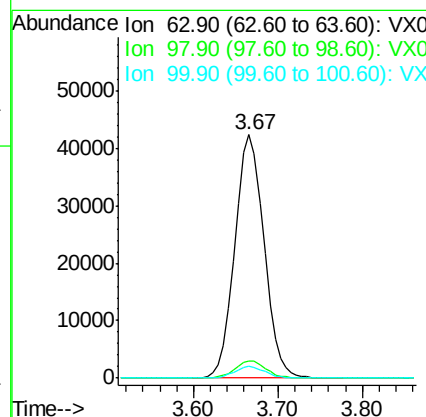
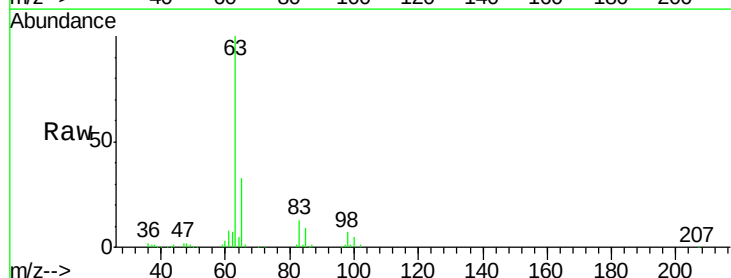
Tgt Ion: 63 Resp: 99395

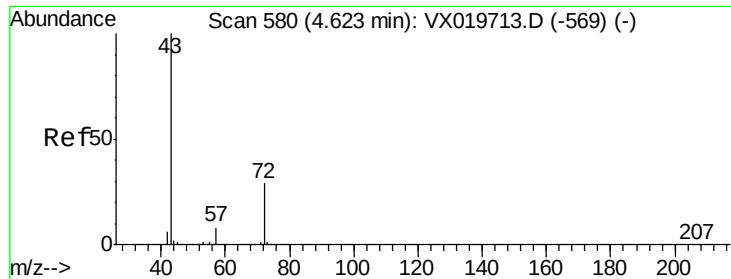
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 102.049 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 43 Resp: 211649

Ion Ratio Lower Upper

43 100

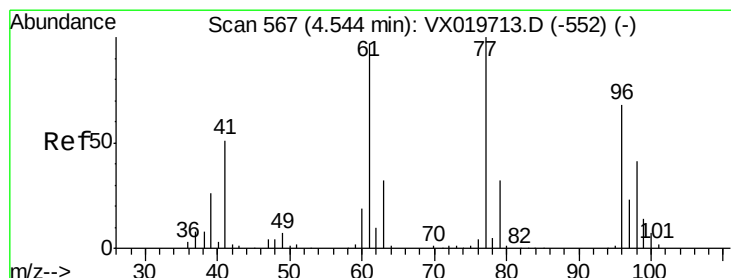
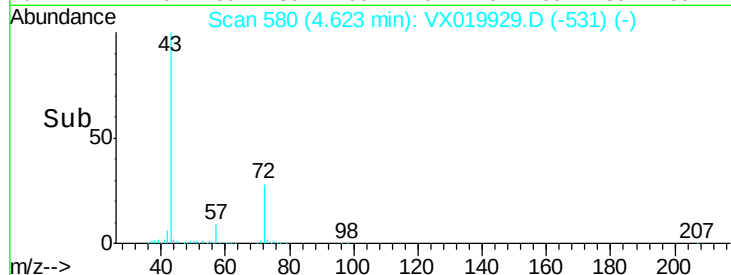
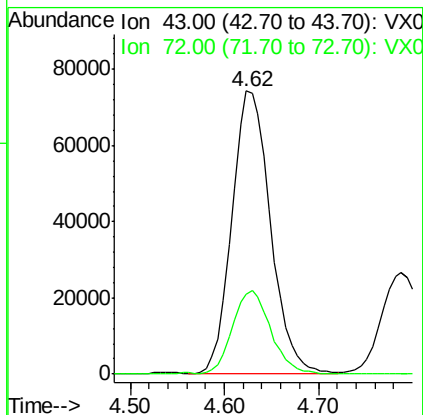
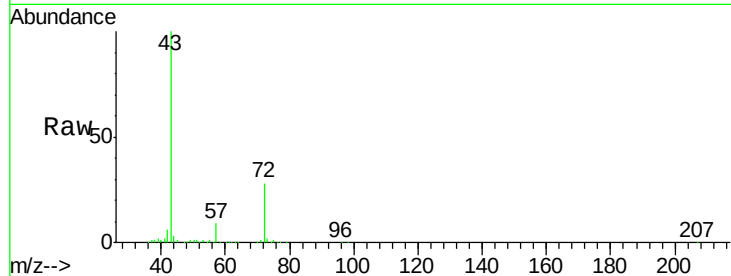
72 28.3 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.232 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019929.D

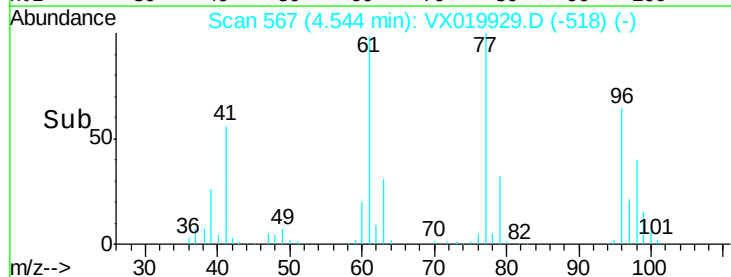
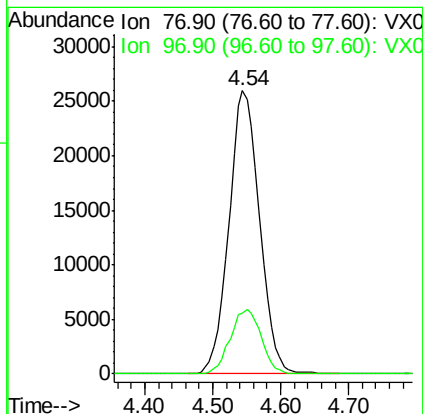
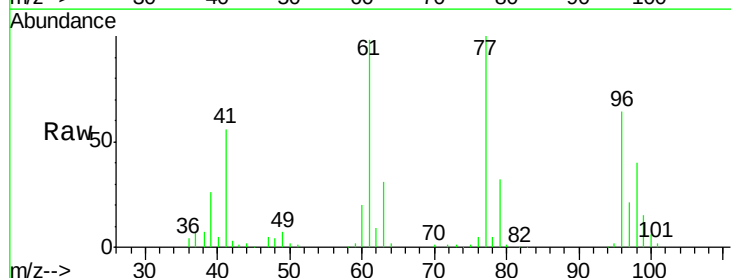
Acq: 12 Dec 2020 14:05

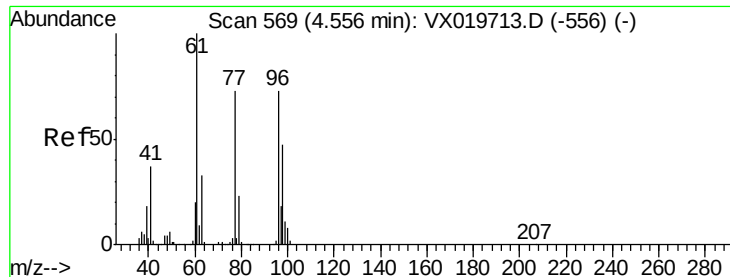
Tgt Ion: 77 Resp: 80932

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1





#27

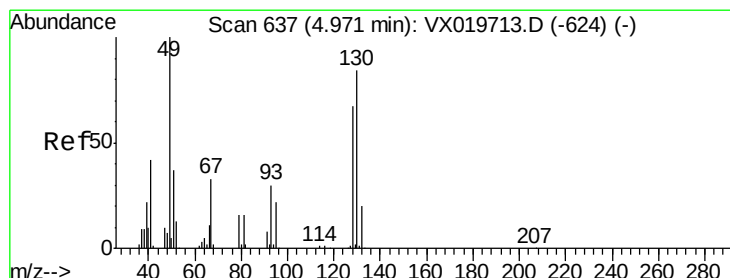
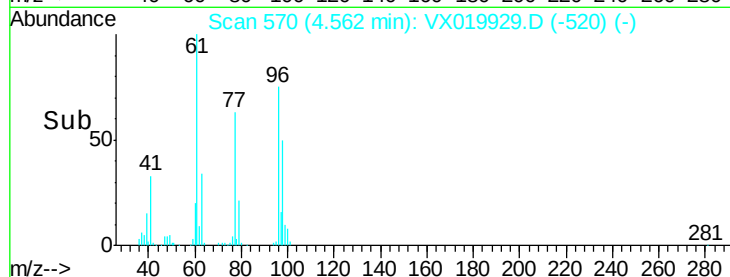
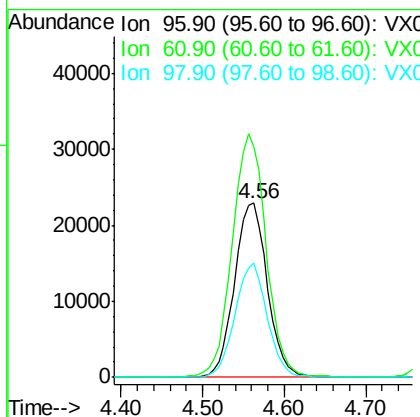
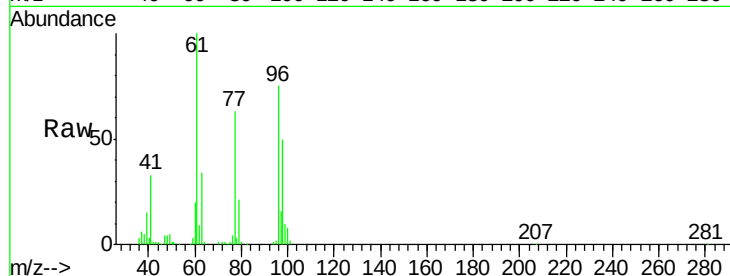
cis-1,2-Dichloroethene
Concen: 18.760 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	285.6
98	63.9	0.0	129.6

Manual Integrations
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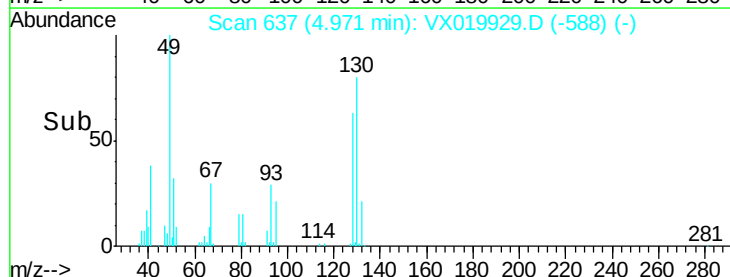
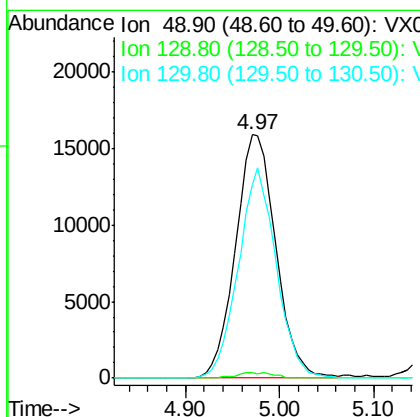
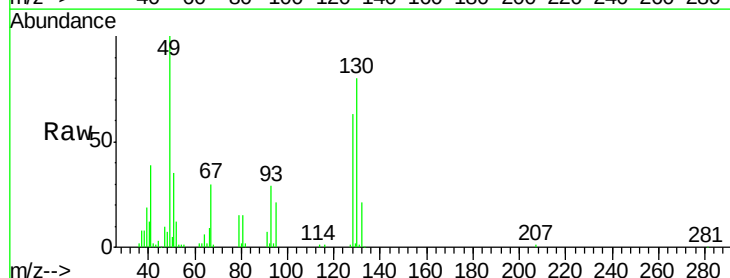
MMDadoda
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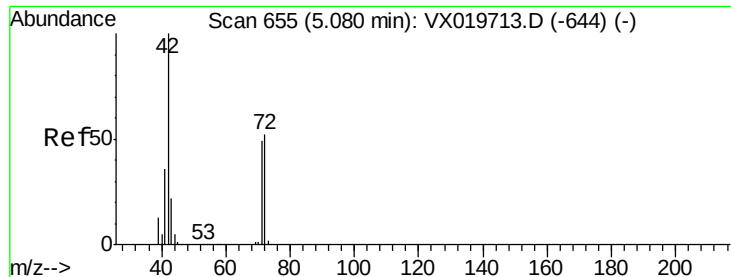


#28

Bromochloromethane
Concen: 19.364 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	81.3	68.2	102.2





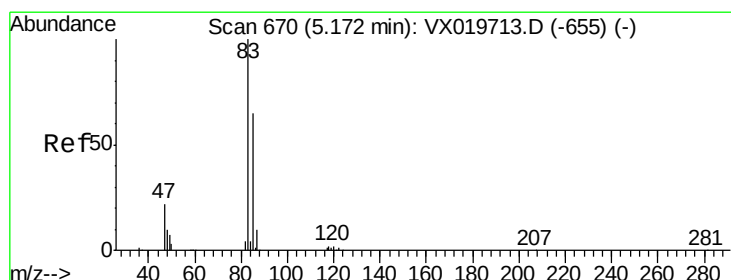
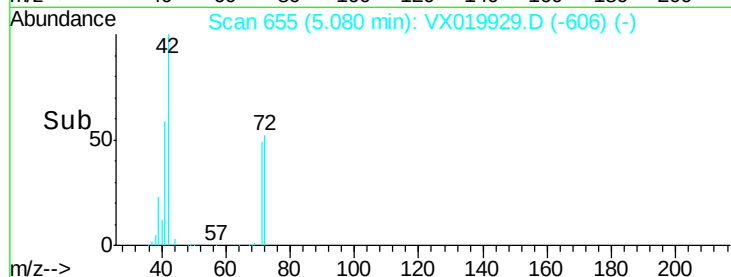
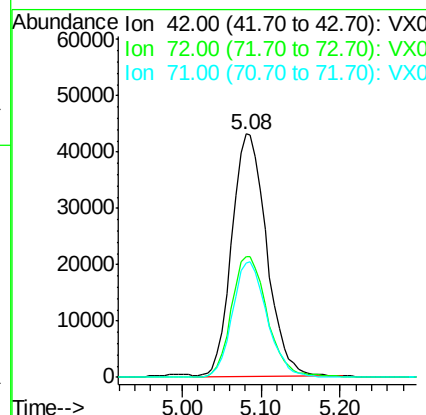
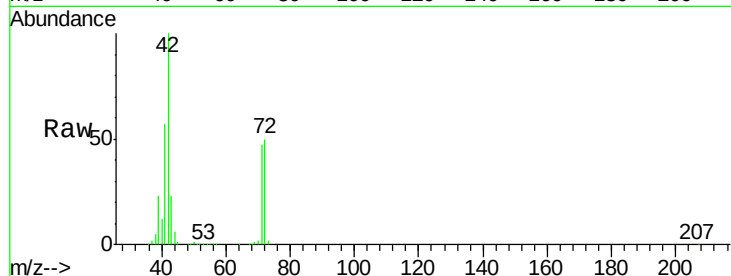
#29
Tetrahydrofuran
Concen: 99.075 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.7	62.5
71	47.5	38.4	57.6

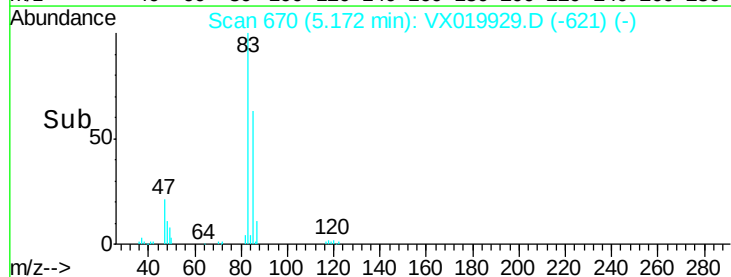
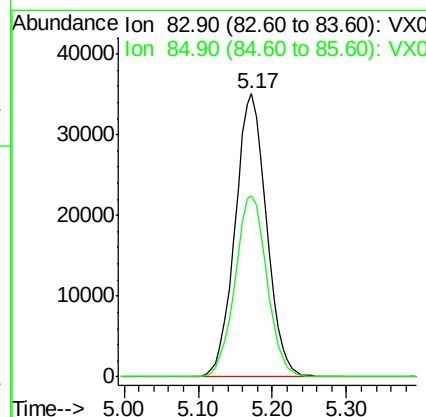
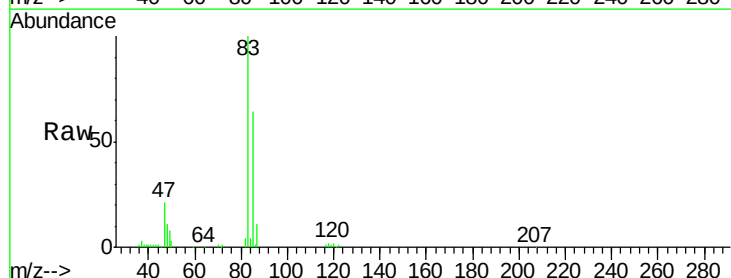
Manual Integrations
APPROVED

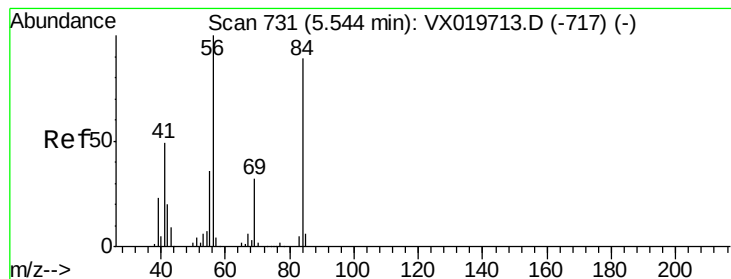
MMDadoda
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#30
Chloroform
Concen: 19.575 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.0	78.0





#31

Cyclohexane

Concen: 18.438 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

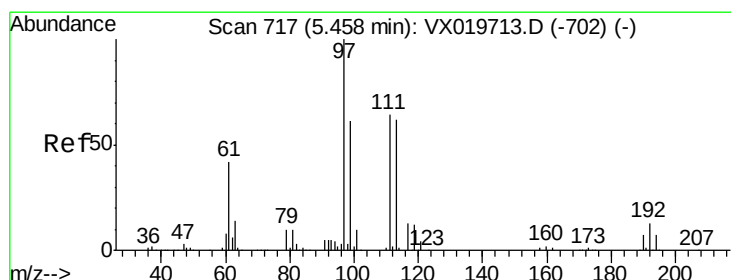
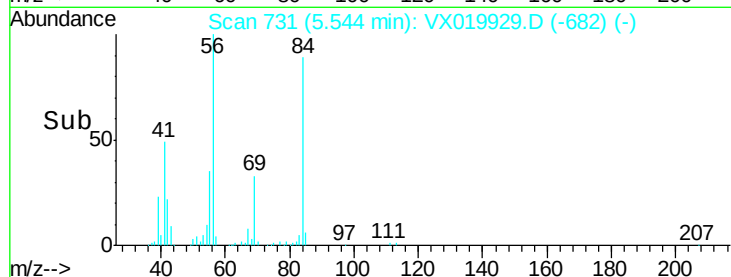
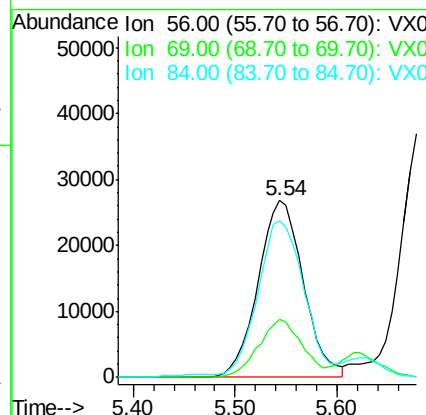
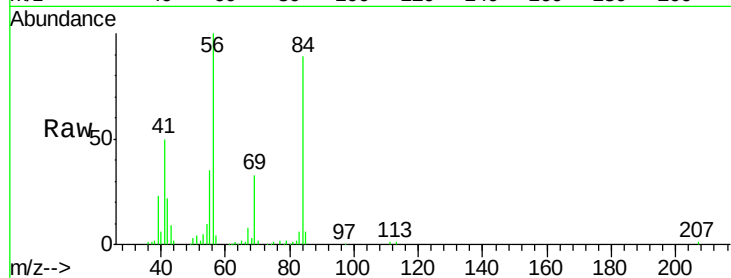
ClientSampleId :

VX1212WBSD01

Tot Ion:	56	Resp:	82360
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.3	37.9
84	87.1	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.875 ug/l

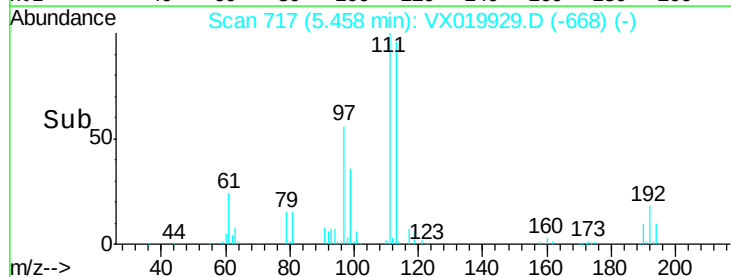
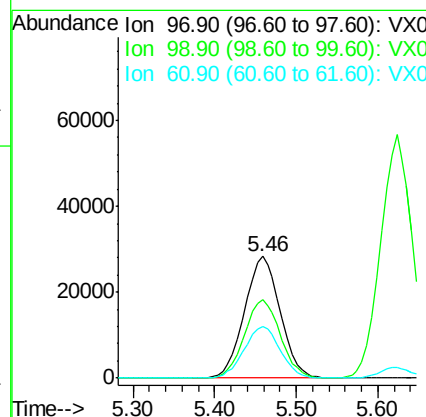
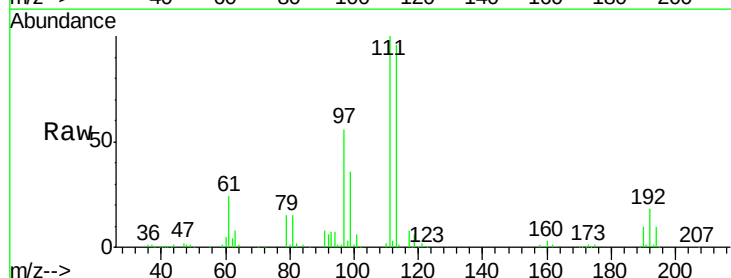
RT: 5.46 min Scan# 717

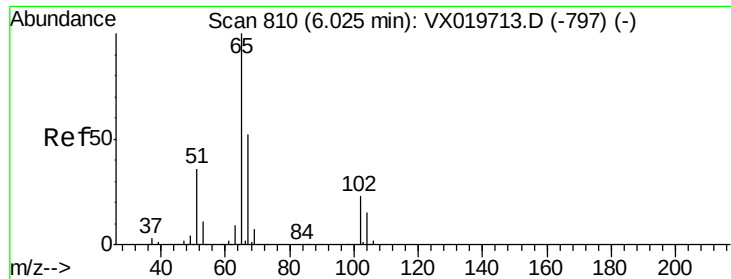
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	97	Resp:	86155
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.5	77.3
61	43.2	34.2	51.4





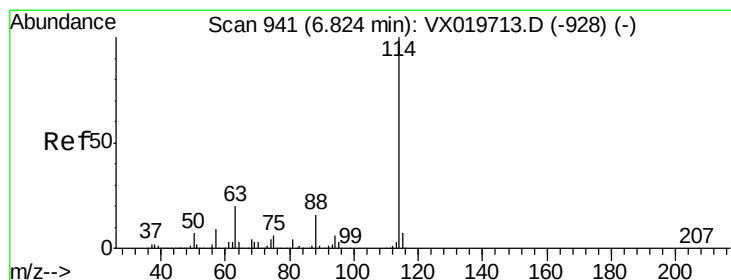
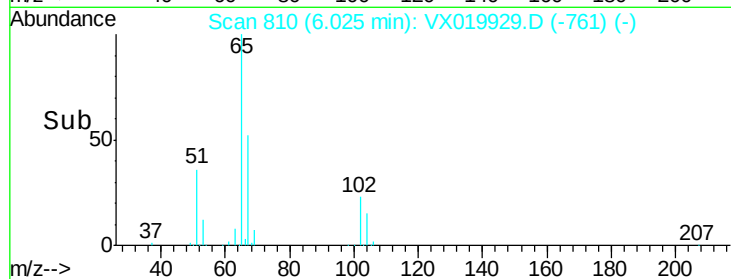
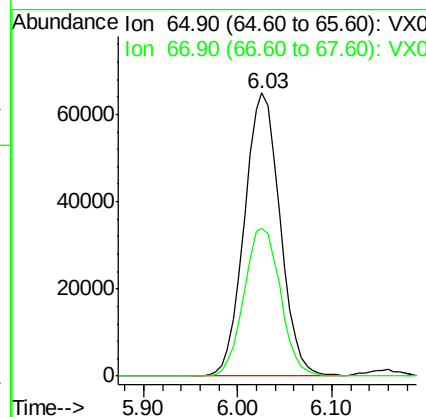
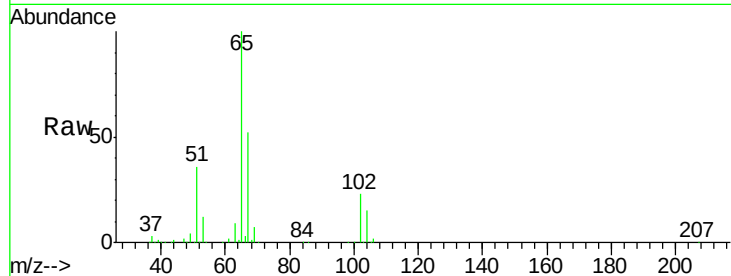
#33
 1,2-Dichloroethane-d4
 Concen: 47.708 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171313		
67	53.4	0.0	105.4	

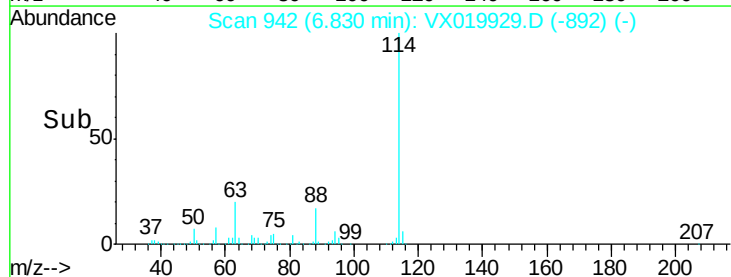
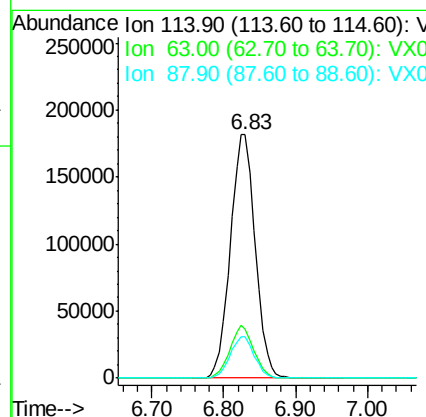
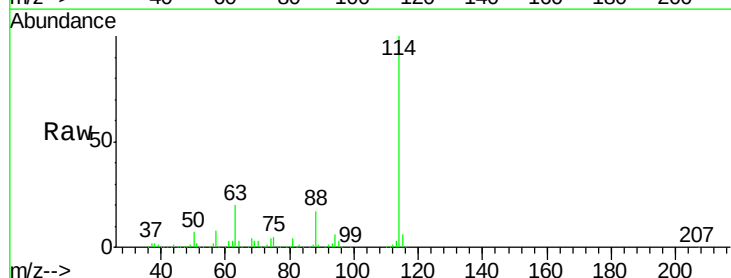
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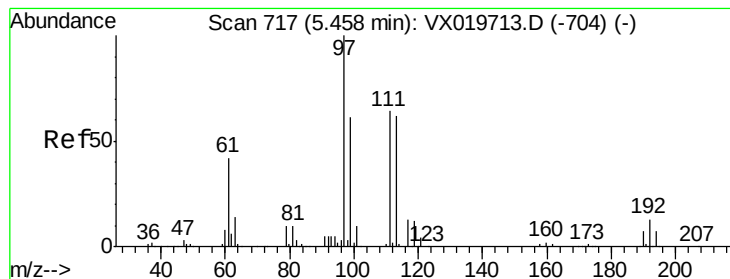
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 12/15/2020 4:49:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	435651		
63	20.2	0.0	40.8	
88	16.8	0.0	32.8	





#35

Dibromofluoromethane

Concen: 48.758 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

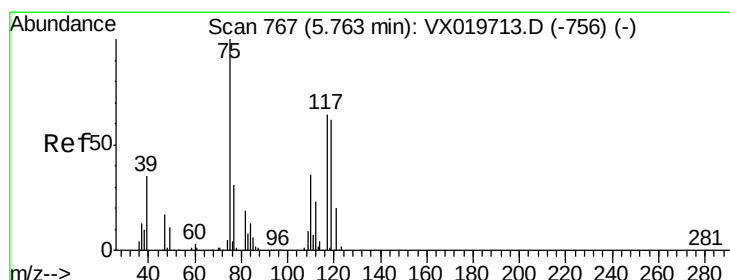
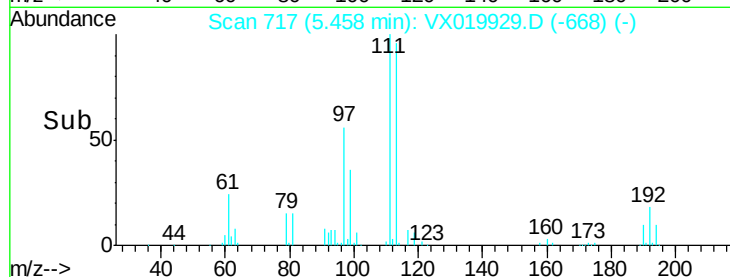
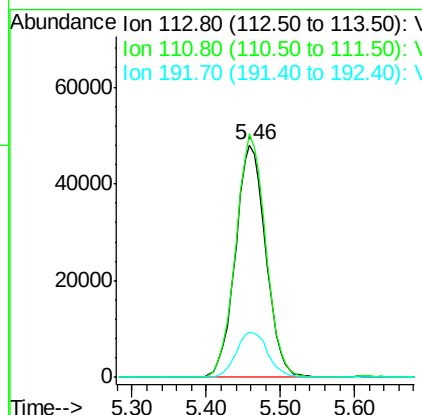
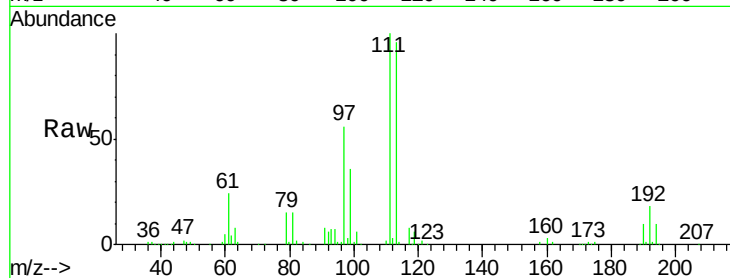
ClientSampleId :

VX1212WBSD01

Tot Ion:	113	Resp:	137280
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.9	122.9
192	20.2	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.833 ug/l

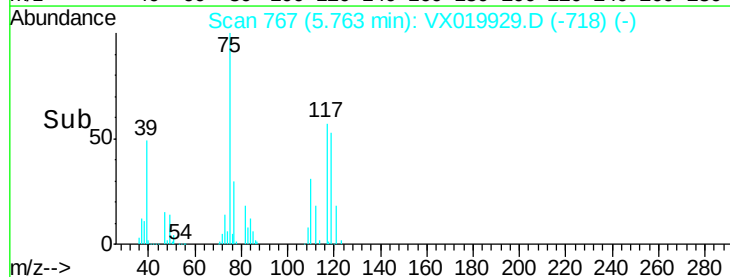
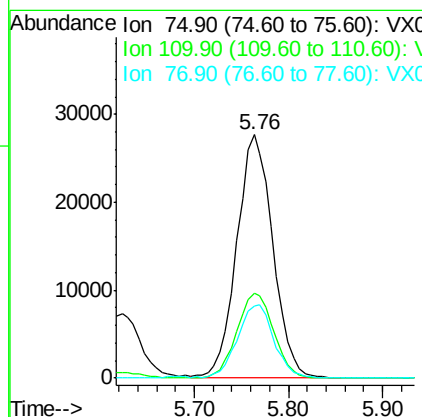
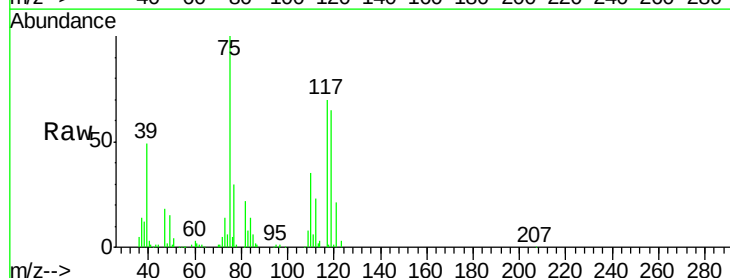
RT: 5.76 min Scan# 767

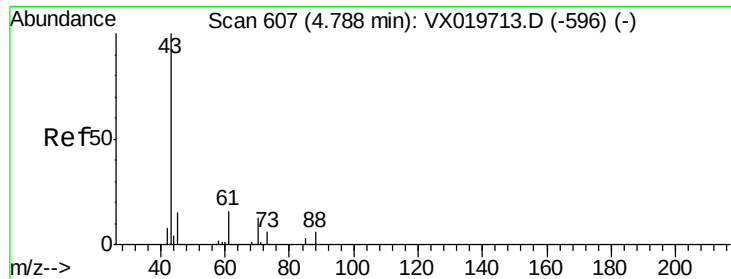
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	75	Resp:	74140
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.4
77	30.4	25.3	37.9





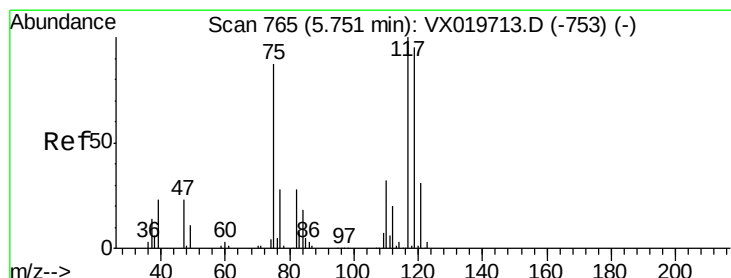
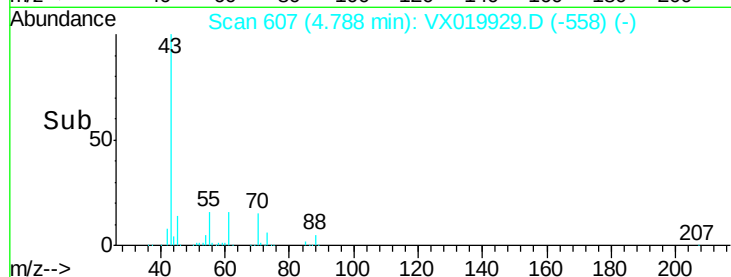
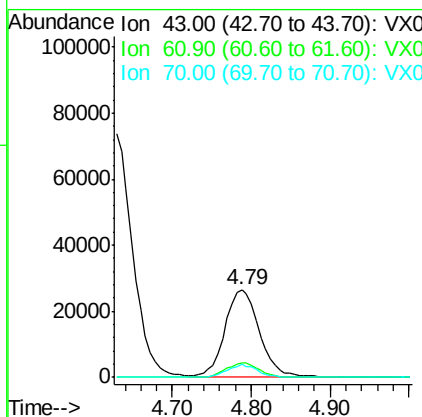
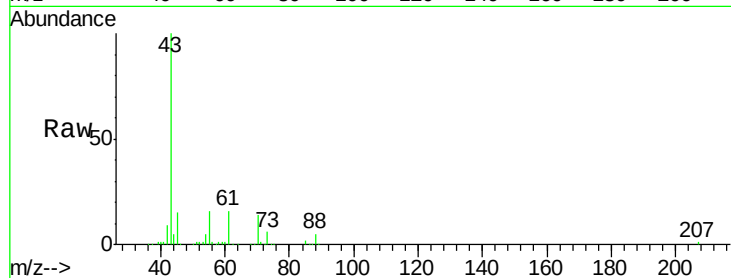
#37
Ethyl Acetate
Concen: 20.076 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.8	19.2
70	12.8	10.5	15.7

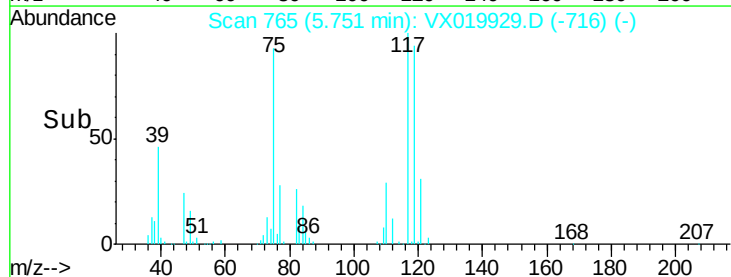
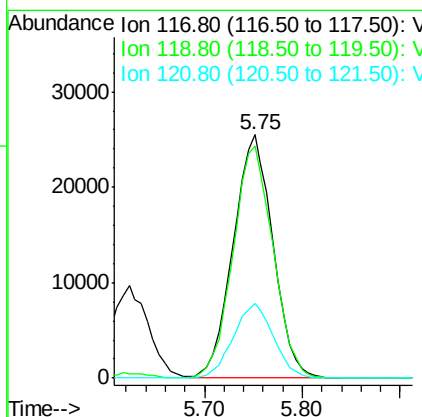
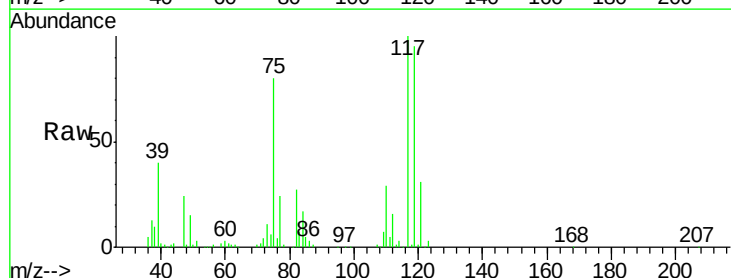
Manual Integrations
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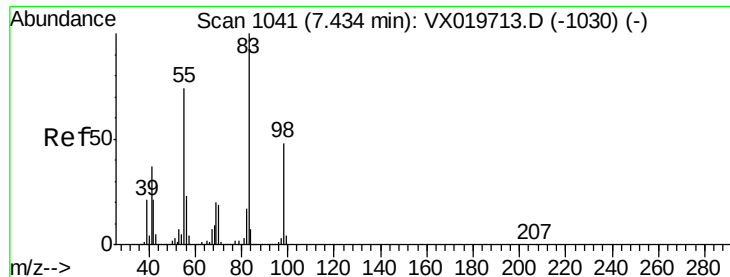
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#38
Carbon Tetrachloride
Concen: 18.688 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
121	30.6	24.8	37.2





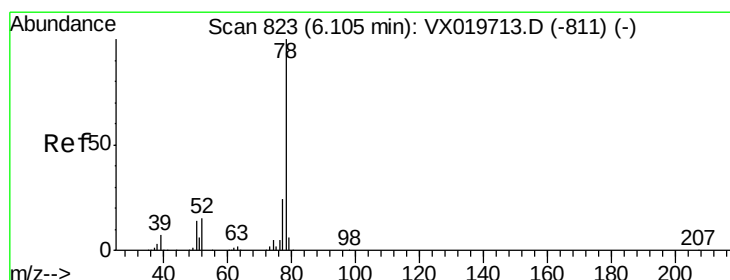
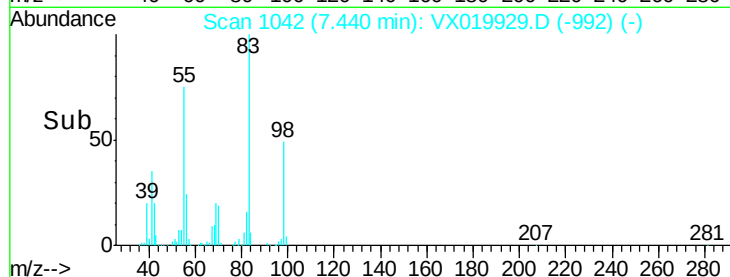
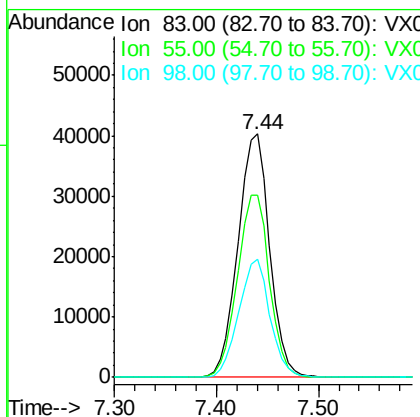
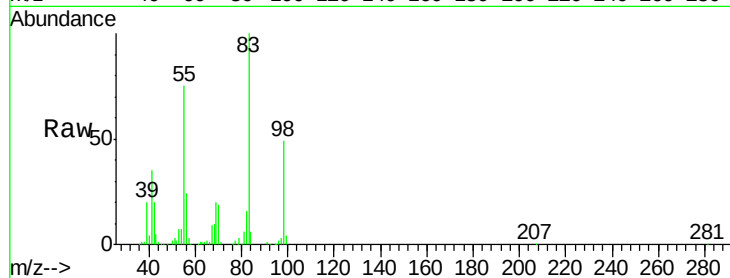
#39
Methylvlcyclohexane
Concen: 18.793 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	58.9	88.3
98	48.6	38.1	57.1

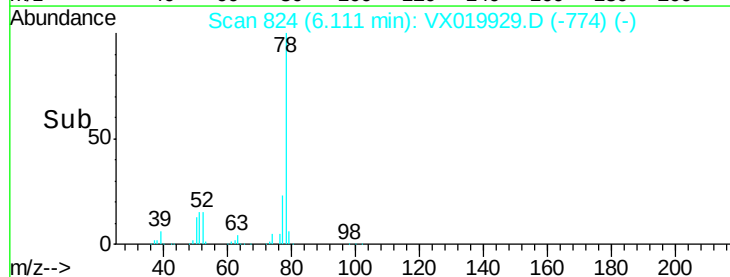
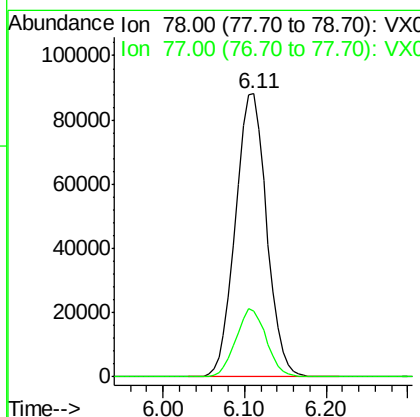
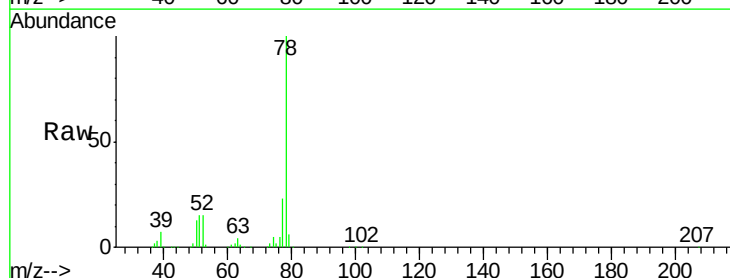
Manual Integrations
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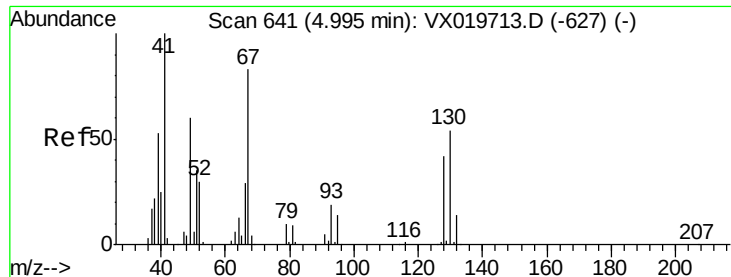
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#40
Benzene
Concen: 19.445 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





#41

Methacrylonitrile

Concen: 19.647 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

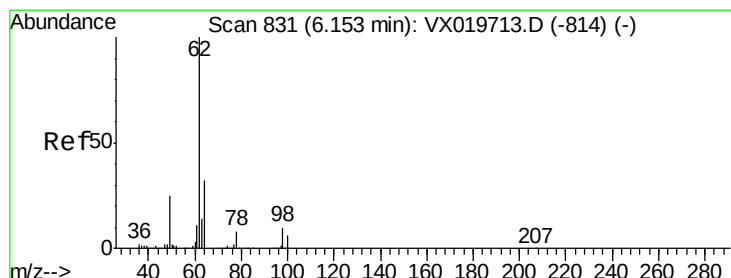
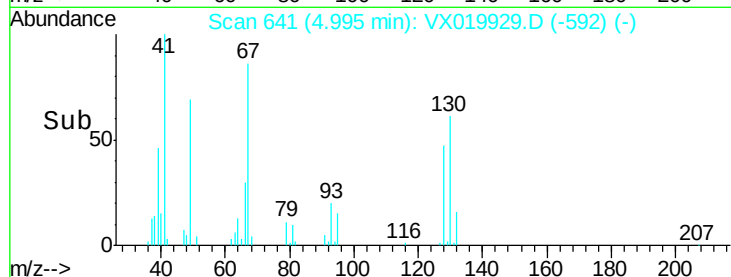
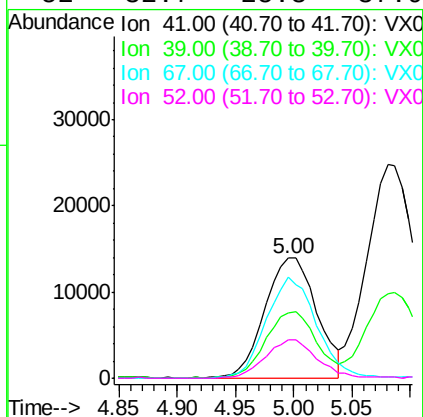
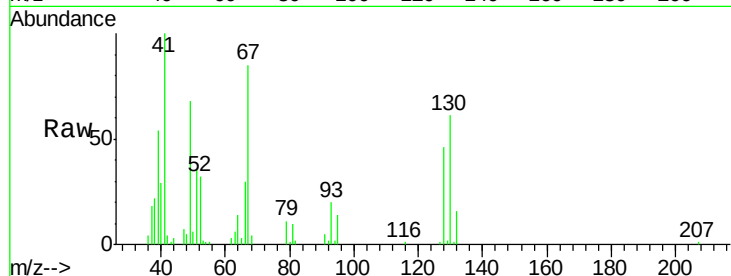
ClientSampleId :

VX1212WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	42.5	63.7	
67	82.2	65.0	97.6	
52	32.7	25.3	37.9	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.329 ug/l

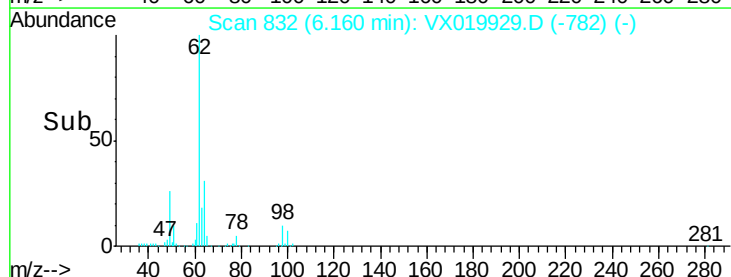
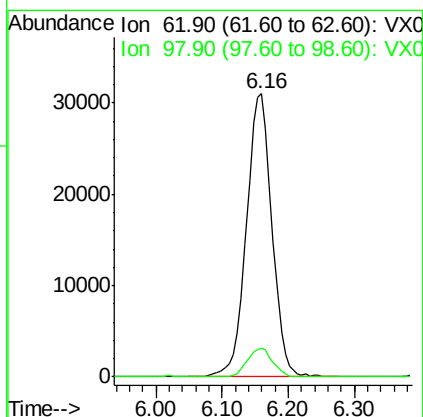
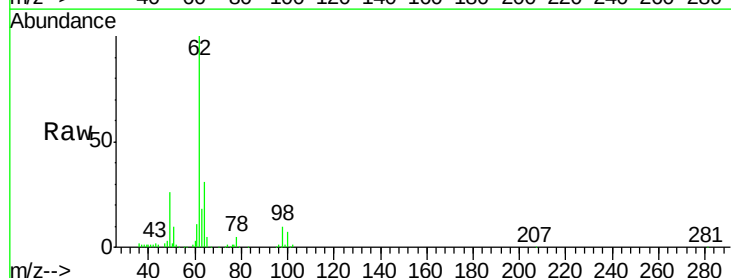
RT: 6.16 min Scan# 832

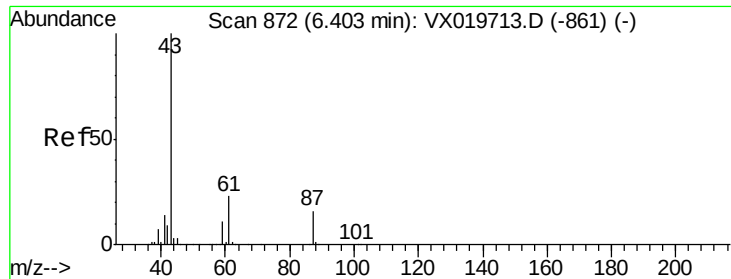
Delta R.T. 0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





#43

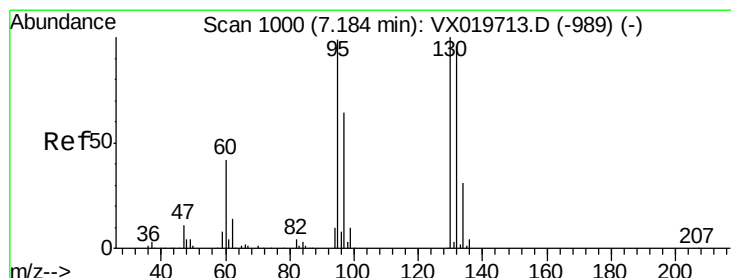
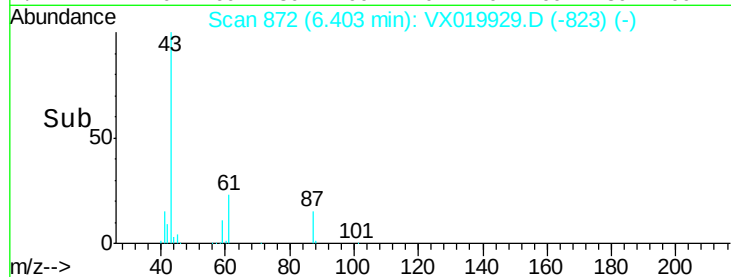
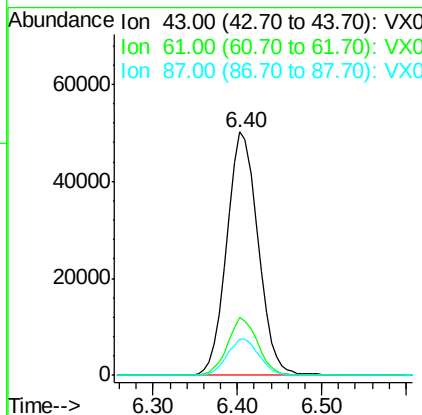
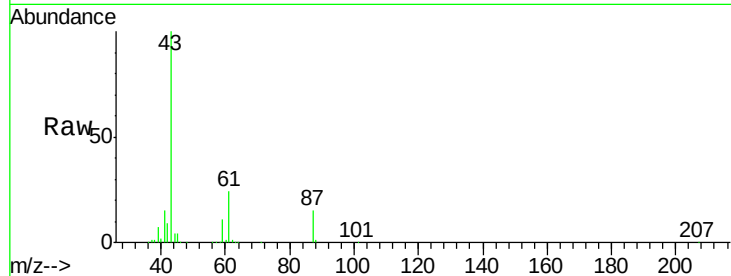
Isopropyl Acetate
 Concen: 19.405 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.4
87	15.2	12.5	18.7

Manual Integrations
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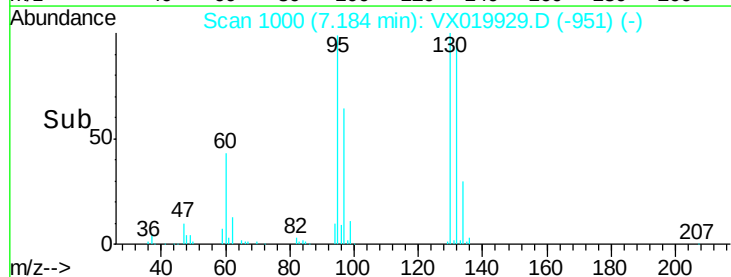
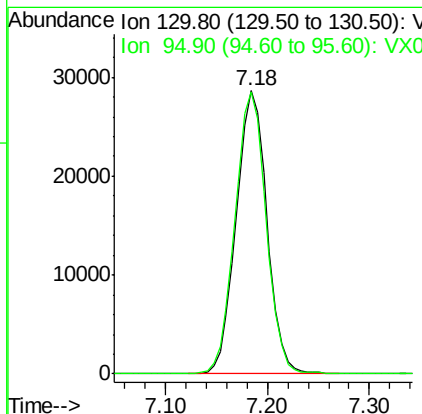
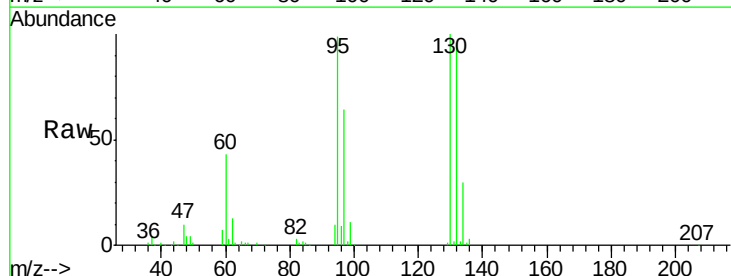
MMDadoda
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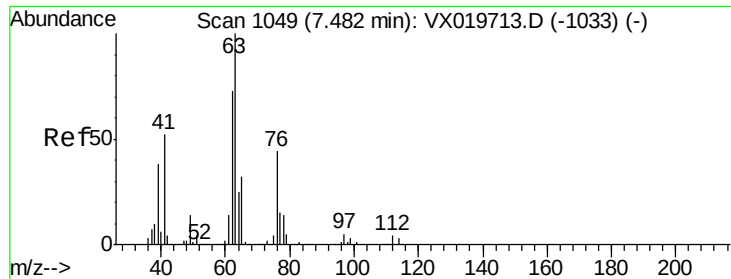


#44

Trichloroethene
 Concen: 18.983 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	198.0





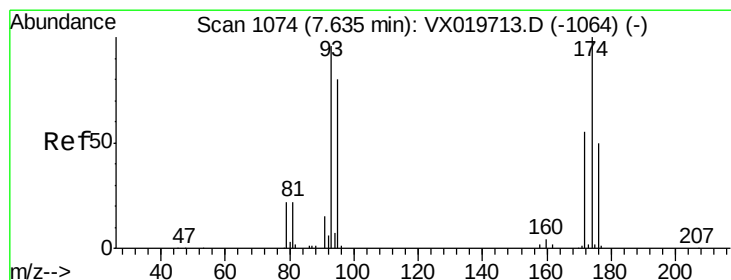
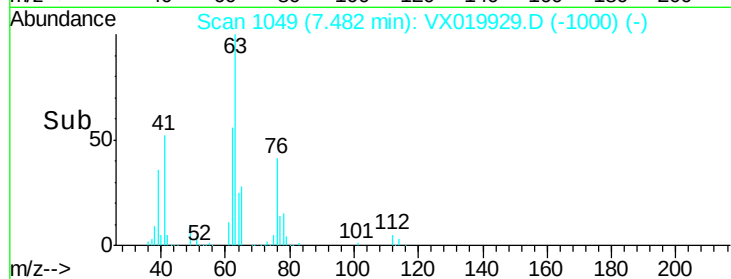
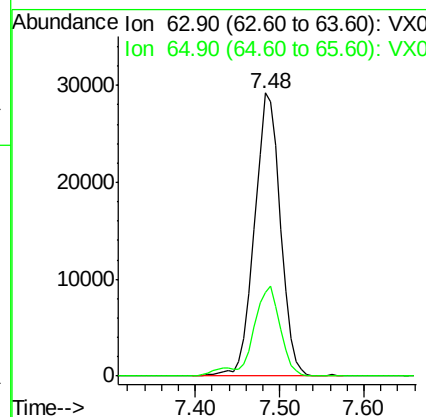
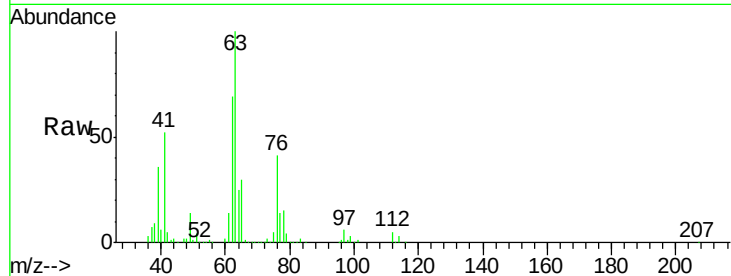
#45
 1,2-Dichloropropane
 Concen: 20.213 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion: 63 Resp: 60751
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.7 38.5

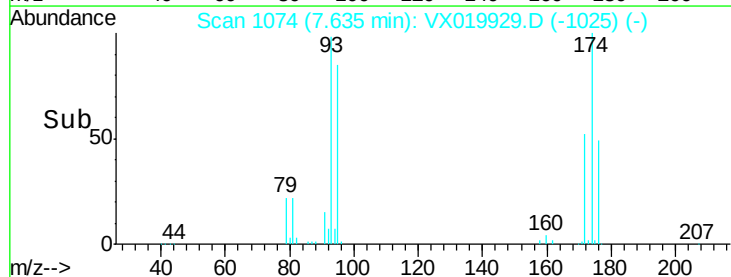
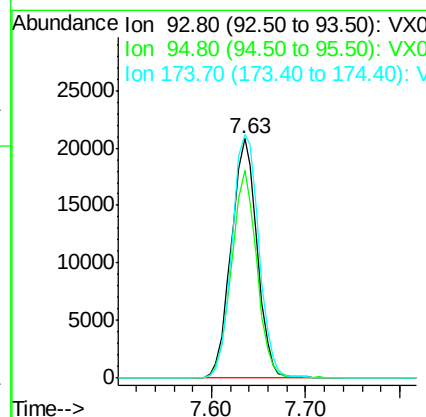
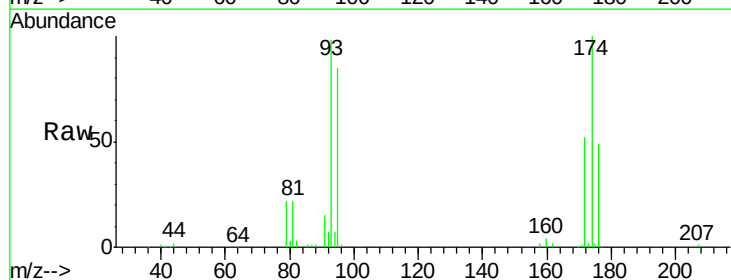
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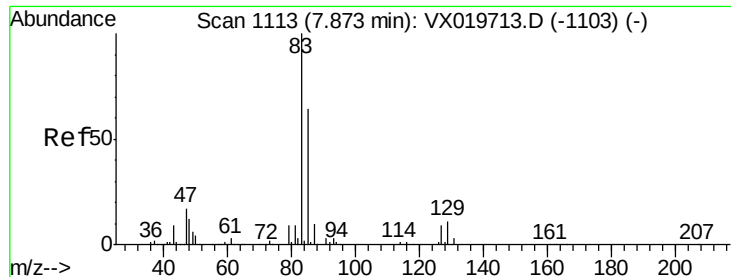
MMDadoda
 12/15/2020 4:49:31 PM



#46
 Dibromomethane
 Concen: 19.610 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 93 Resp: 39801
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.8 100.2
 174 105.3 83.1 124.7





#47

Bromodichloromethane

Concen: 19.371 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

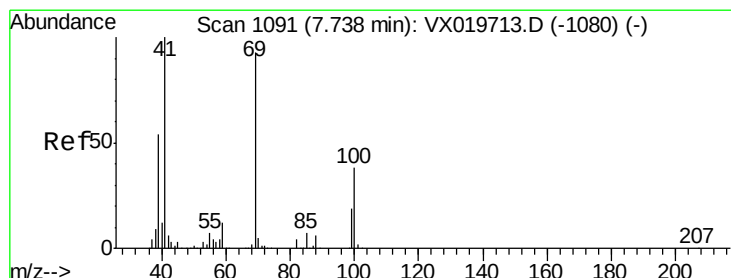
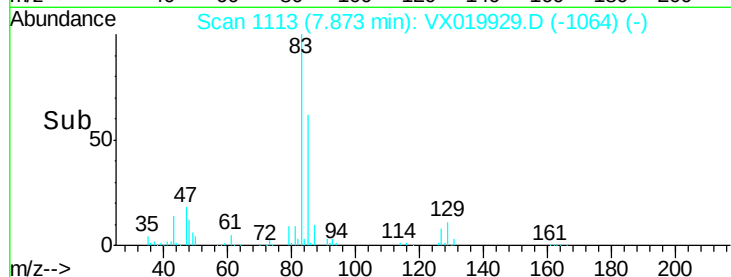
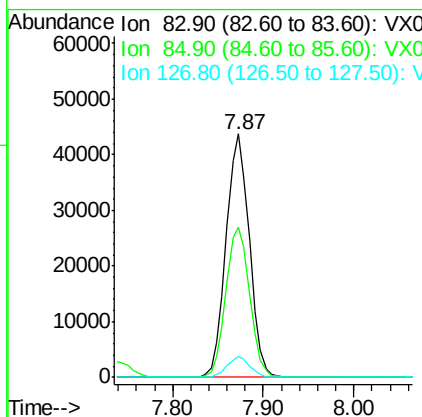
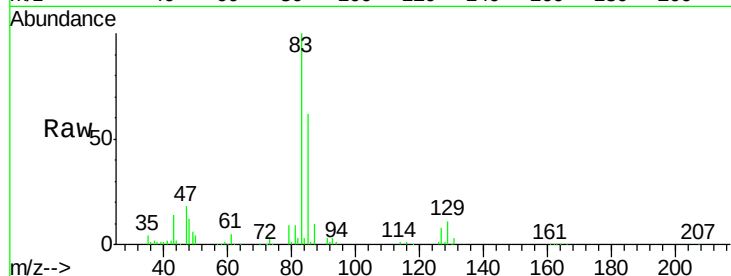
ClientSampleId :

VX1212WBSD01

Tot Ion:	83	Resp:	78016
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.4	77.0
127	8.5	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.807 ug/l

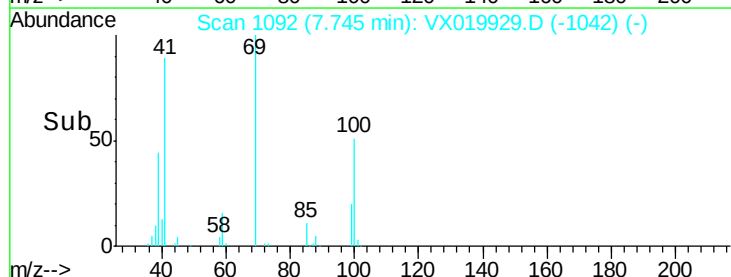
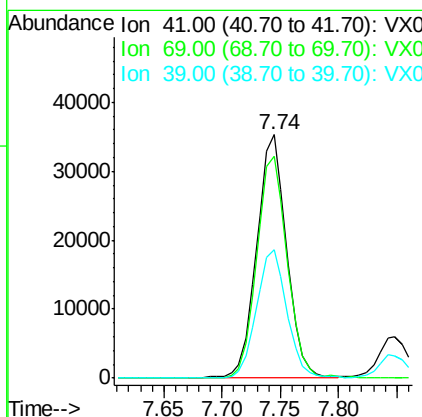
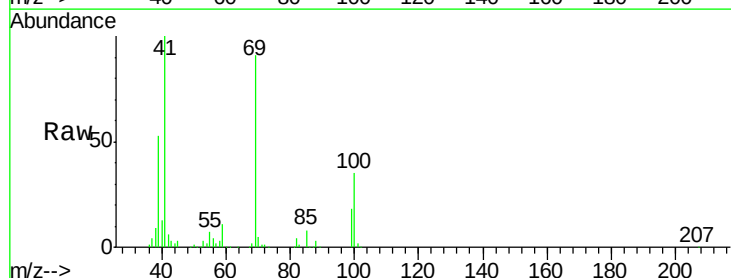
RT: 7.74 min Scan# 1092

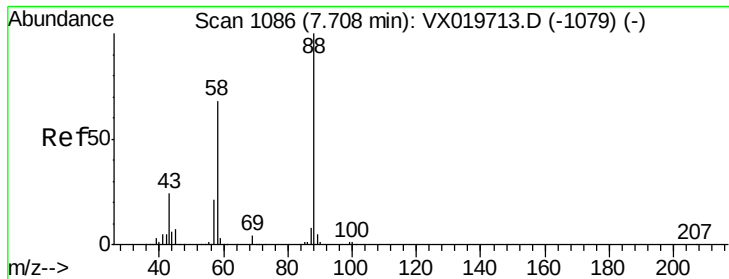
Delta R.T. 0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	41	Resp:	62949
Ion	Ratio	Lower	Upper
41	100		
69	93.0	76.0	114.0
39	53.7	44.6	67.0





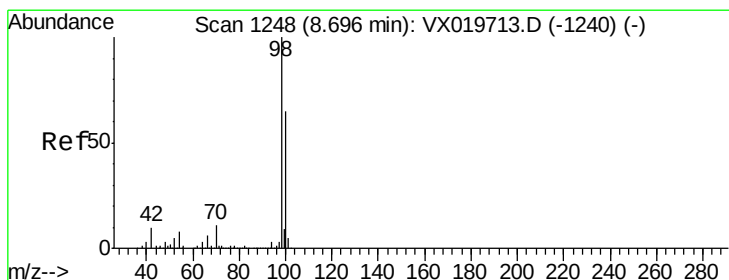
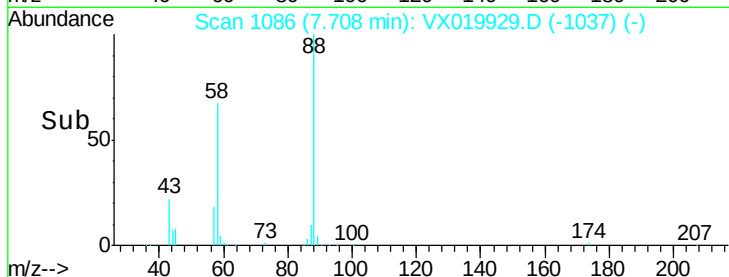
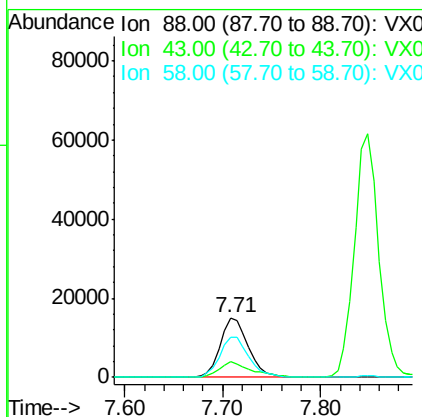
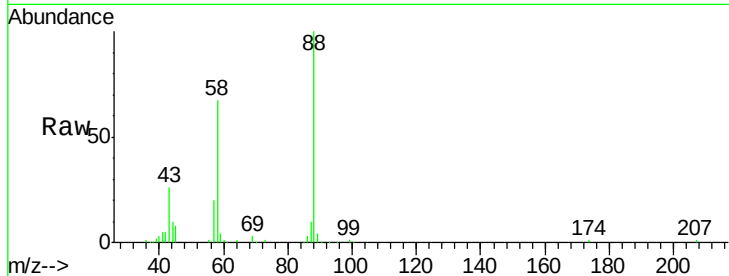
#49
1,4-Dioxane
Concen: 386.508 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.2	34.8
58	71.0	55.0	82.4

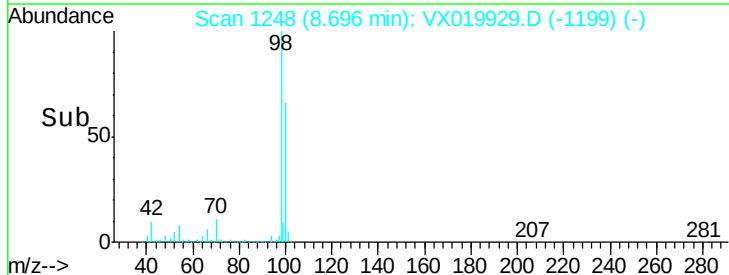
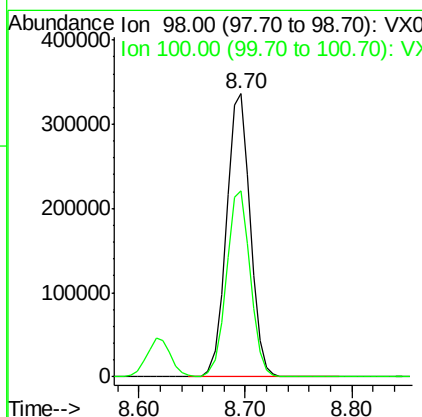
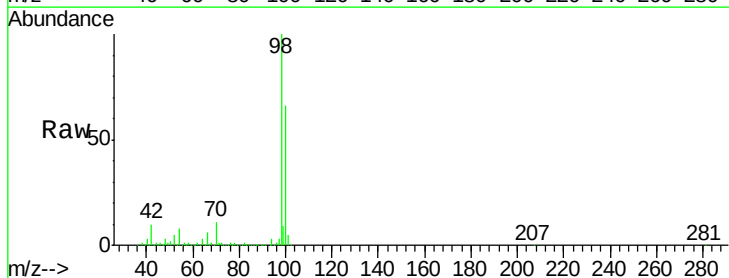
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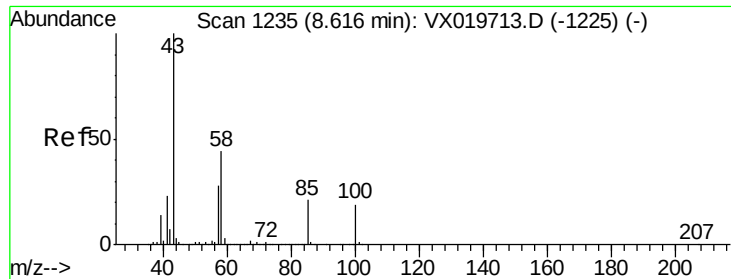
MMDadoda
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#50
Toluene-d8
Concen: 48.878 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9





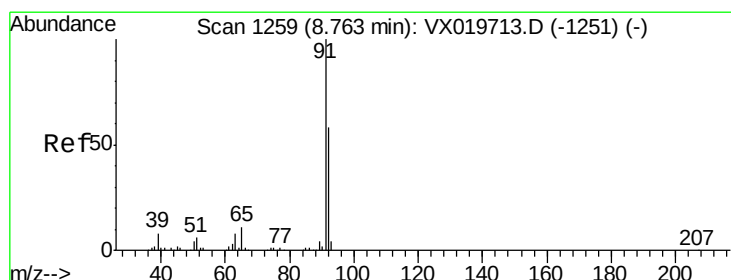
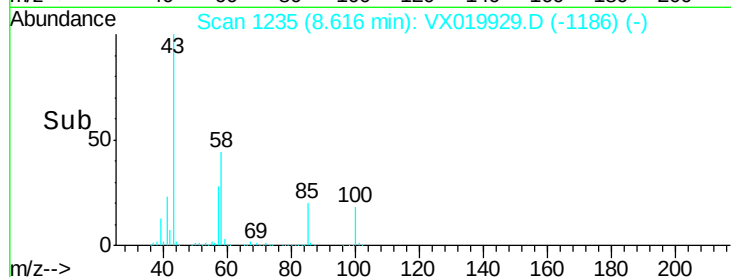
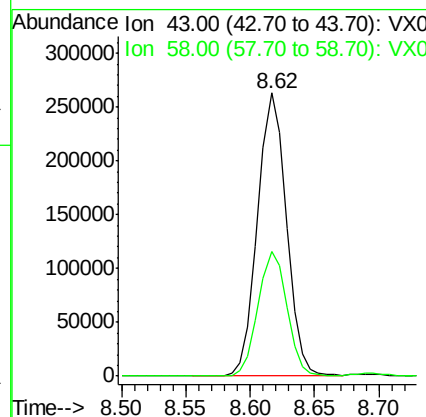
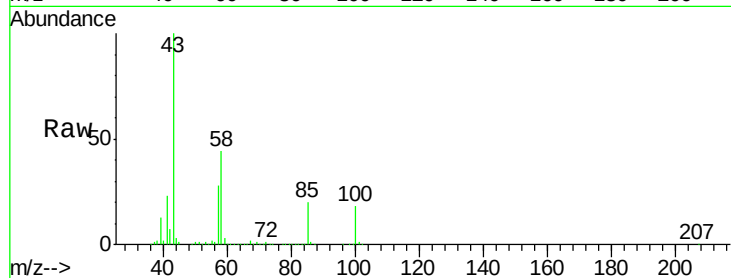
#51
4-Methyl-2-Pentanone
Concen: 103.243 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.1	35.4	53.0

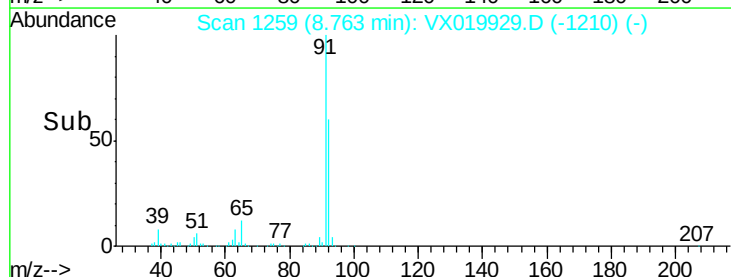
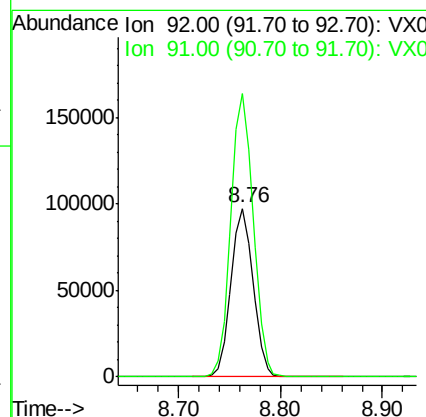
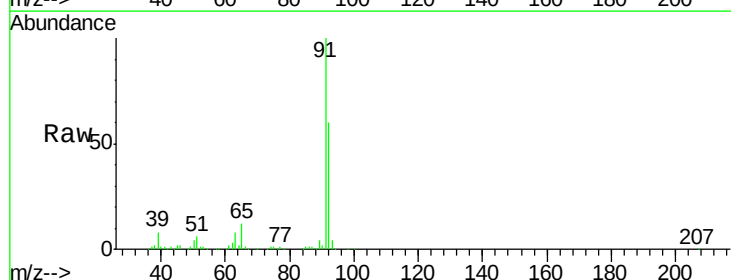
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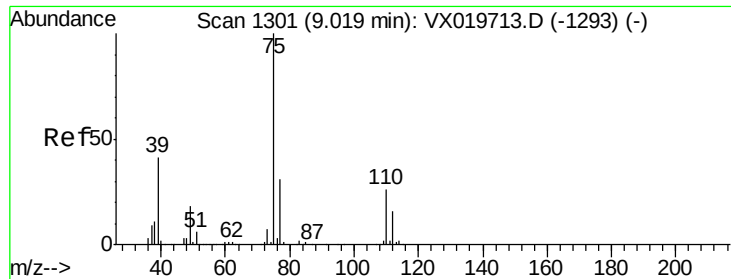
MMDadoda
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#52
Toluene
Concen: 19.513 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.9	137.1	205.7





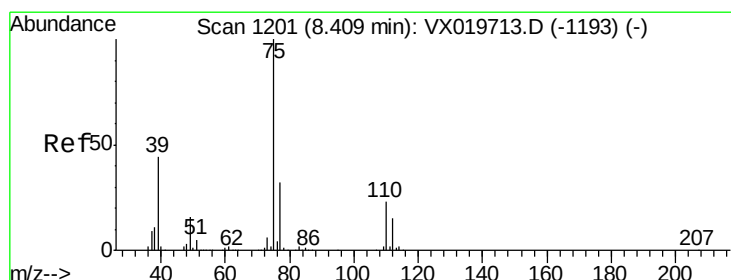
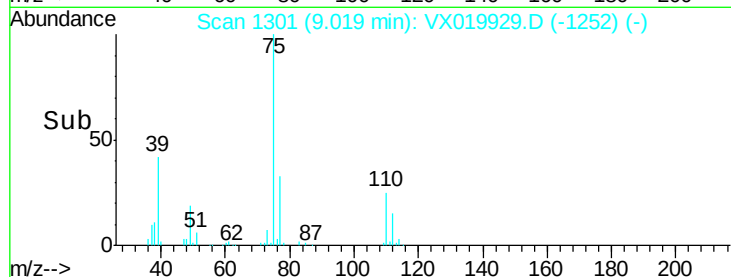
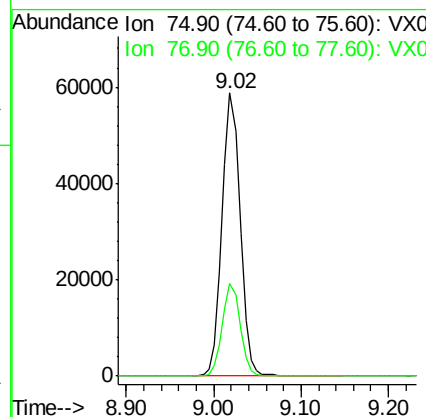
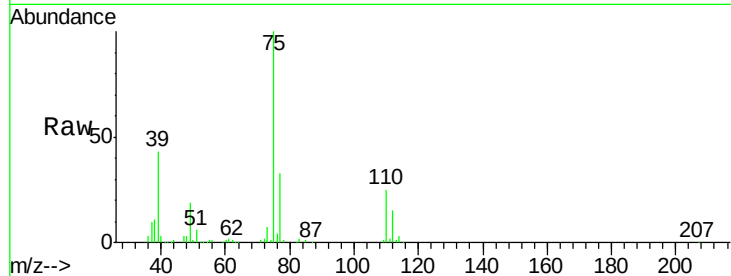
#53
t-1,3-Dichloropropene
Concen: 18.947 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion: 75 Resp: 84680
Ion Ratio Lower Upper
75 100
77 32.7 24.9 37.3

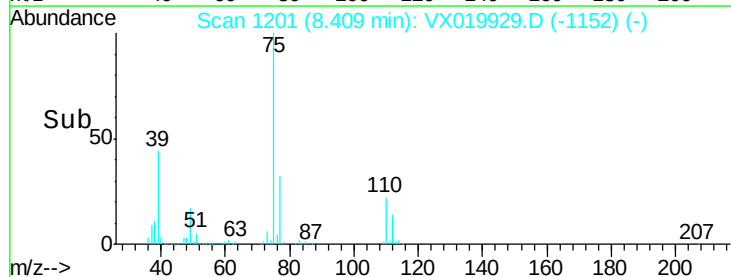
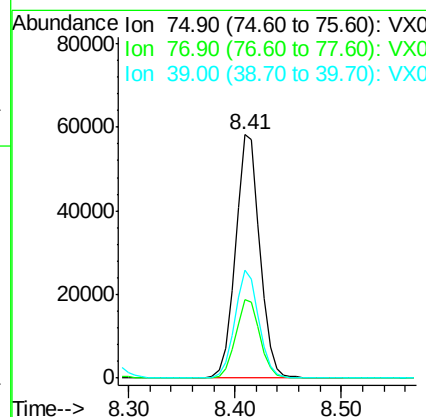
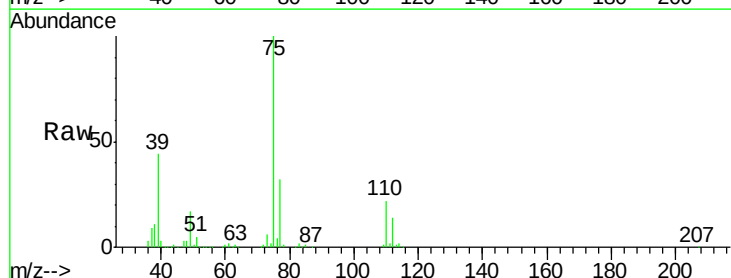
Manual Integrations
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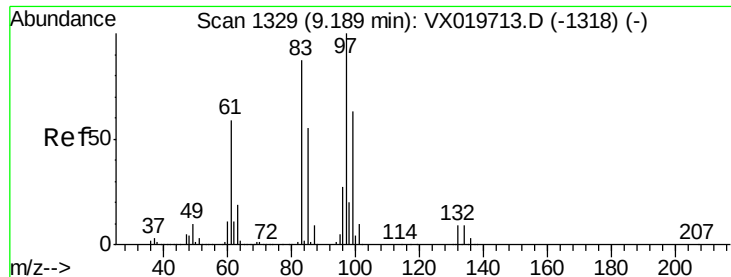
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.166 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion: 75 Resp: 93058
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 44.1 35.1 52.7





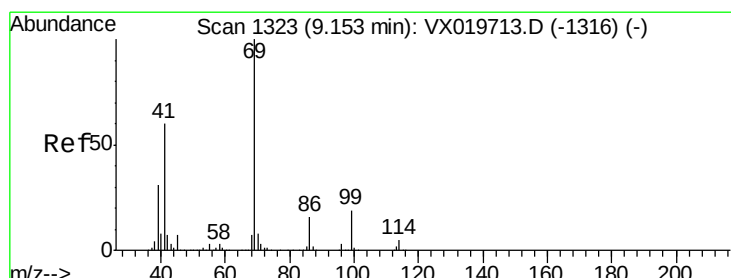
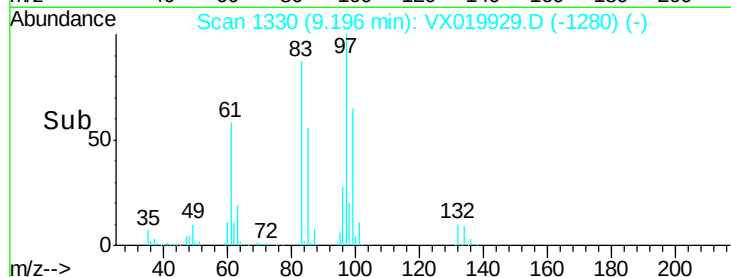
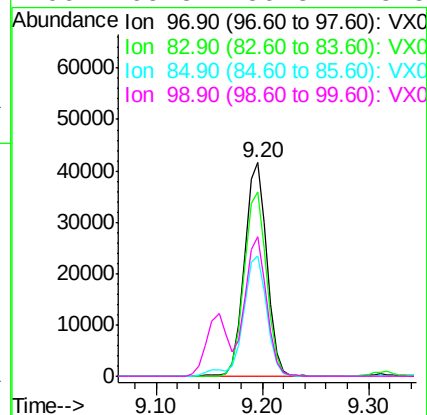
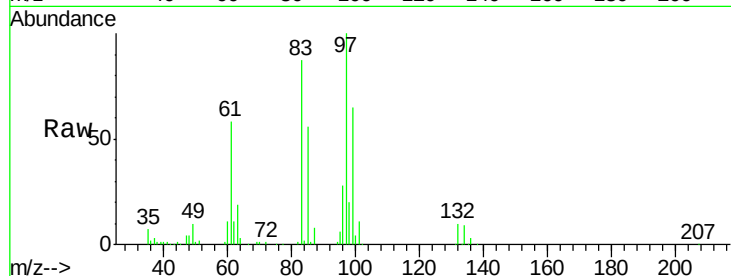
#55
 1,1,2-Trichloroethane
 Concen: 20.289 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.3	103.9
85	56.2	44.3	66.5
99	65.3	50.3	75.5

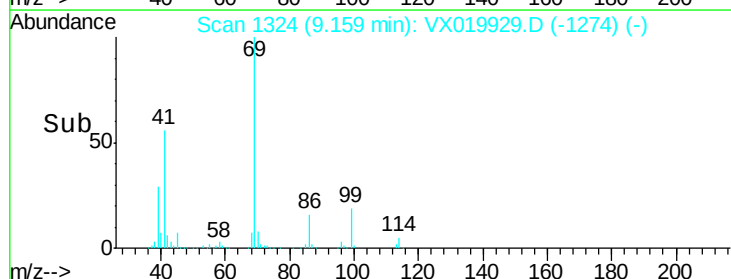
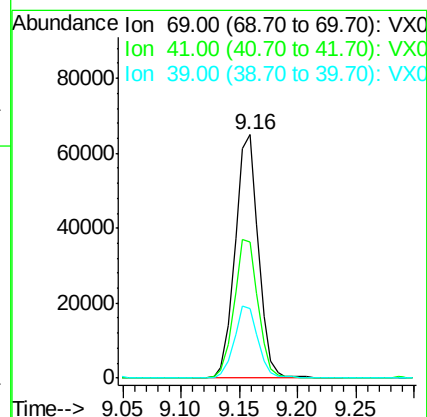
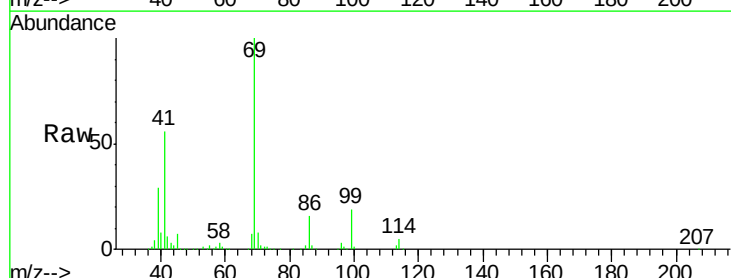
Manual Integrations
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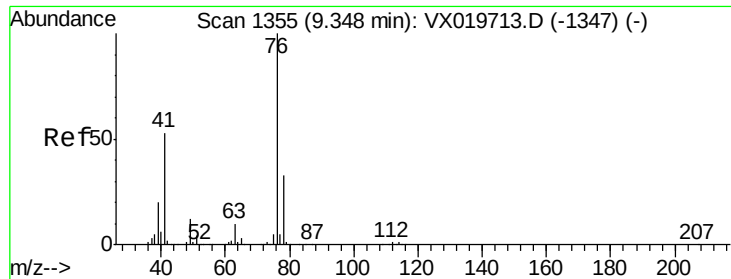
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 12/15/2020 4:49:31 PM



#56
 Ethyl methacrylate
 Concen: 19.709 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.8	70.2
39	30.0	24.7	37.1





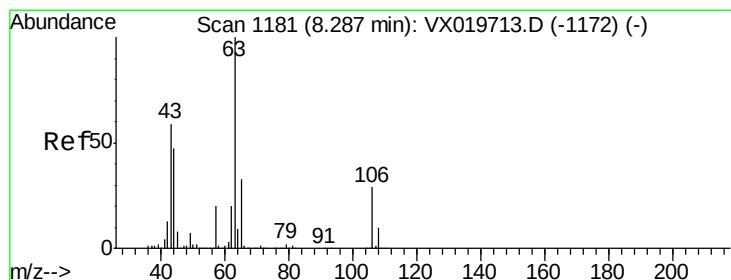
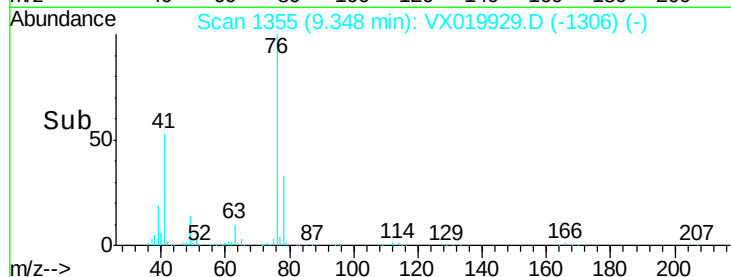
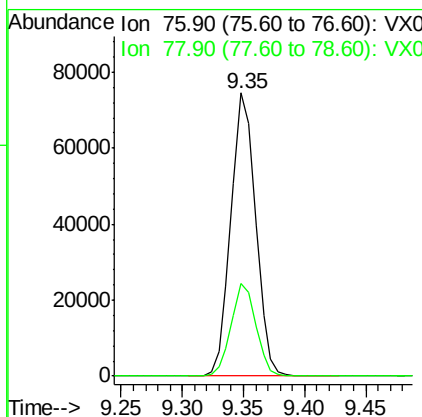
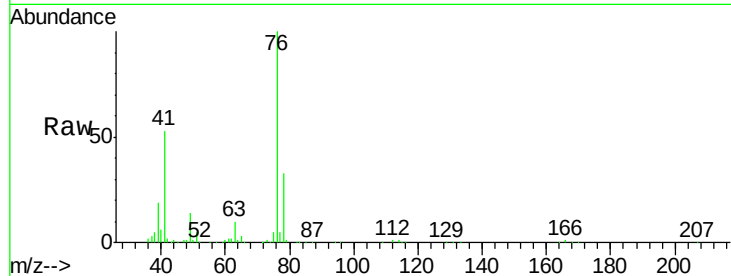
#57
 1,3-Dichloropropane
 Concen: 20.187 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion: 76 Resp: 104474
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

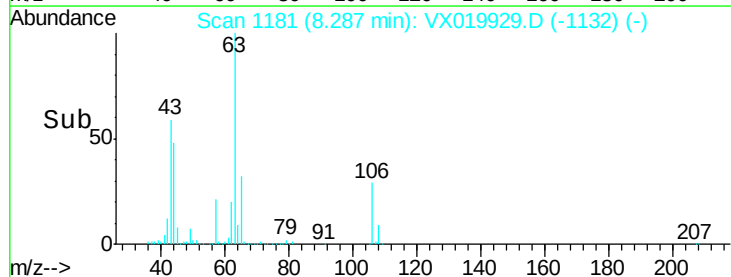
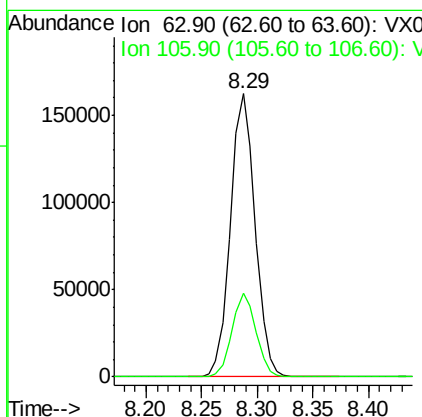
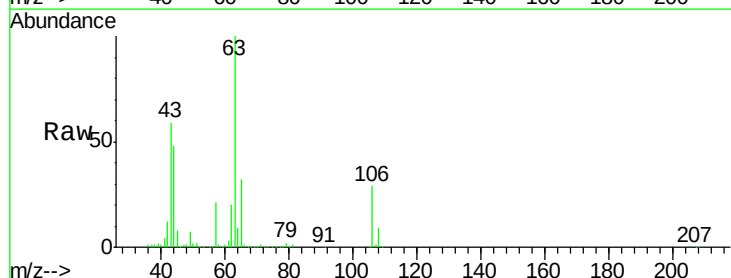
Manual Integrations
 APPROVED

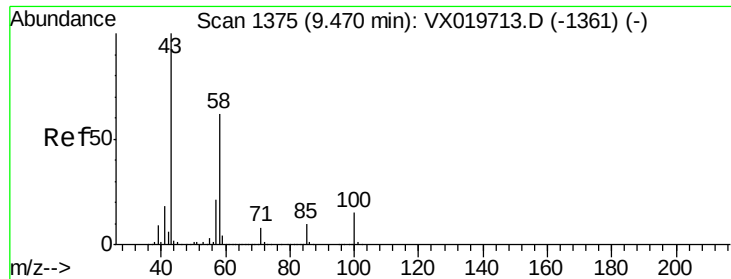
MMDadoda
 12/15/2020 4:49:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.594 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 63 Resp: 249233
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3





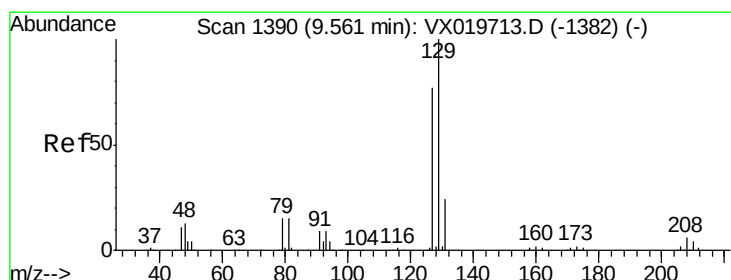
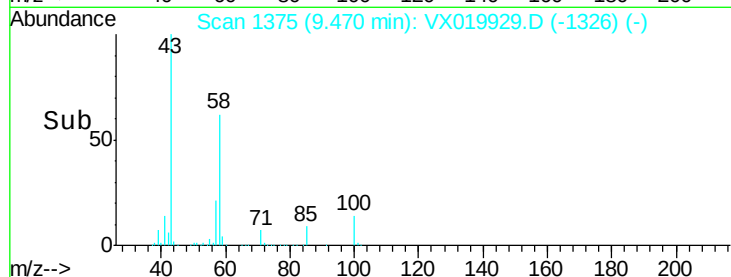
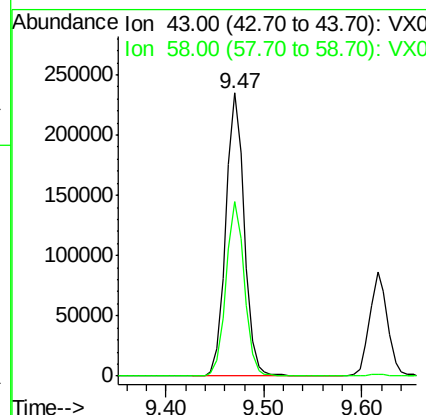
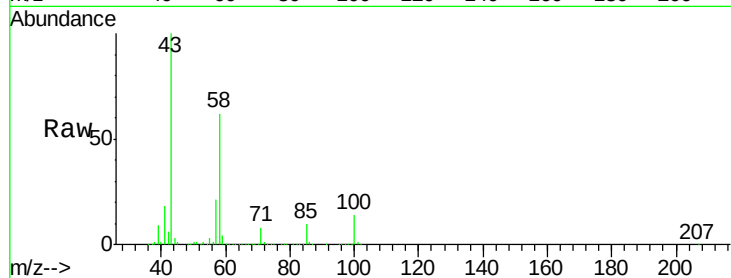
#59
2-Hexanone
Concen: 100.474 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.6	30.9	92.8

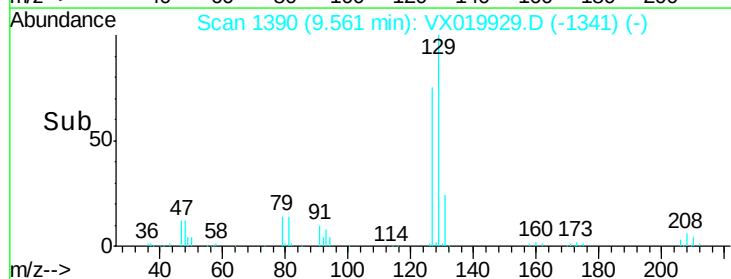
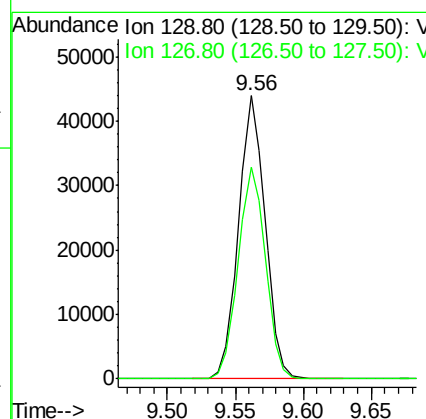
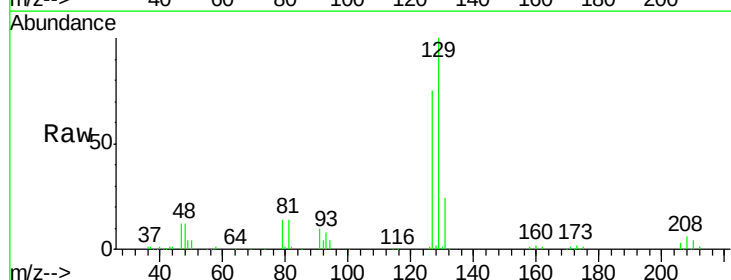
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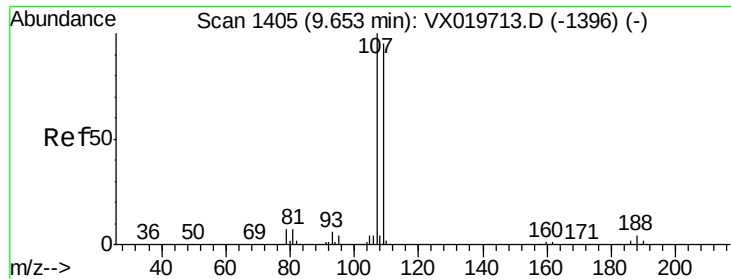
MMDadoda
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#60
Dibromochloromethane
Concen: 19.487 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.4	115.2





#61

1,2-Dibromoethane

Concen: 19.824 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion:107 Resp: 63803

Ion Ratio Lower Upper

107 100

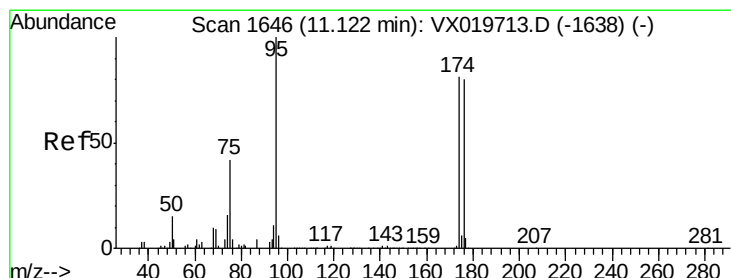
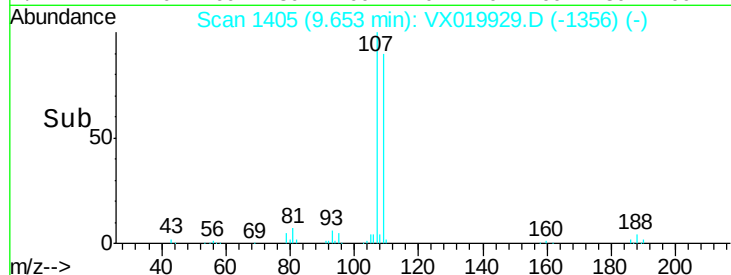
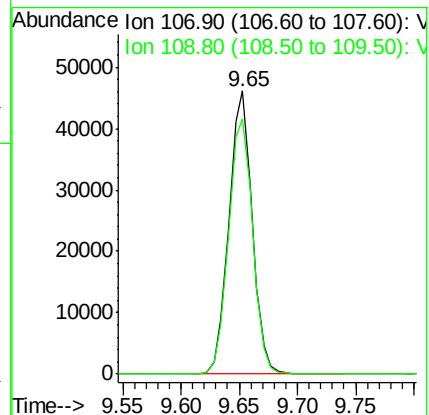
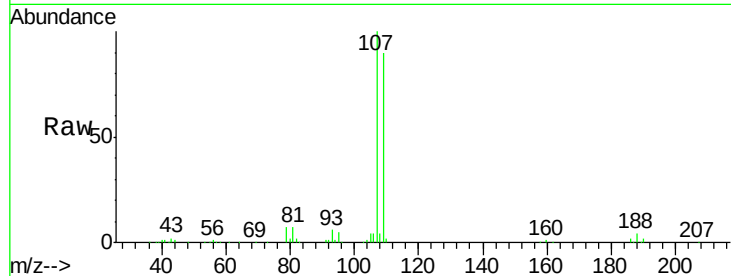
109 93.7 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 48.888 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

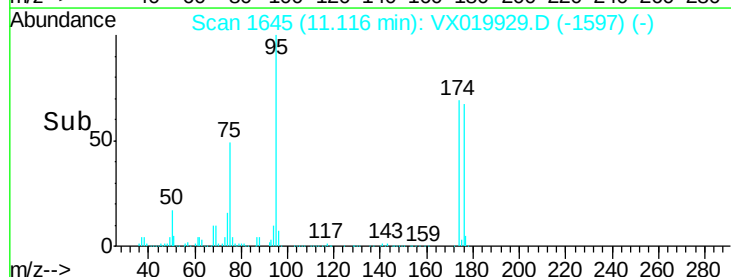
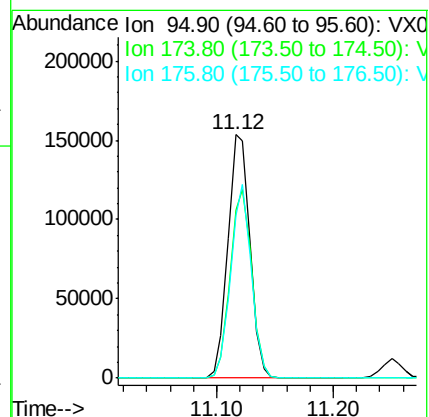
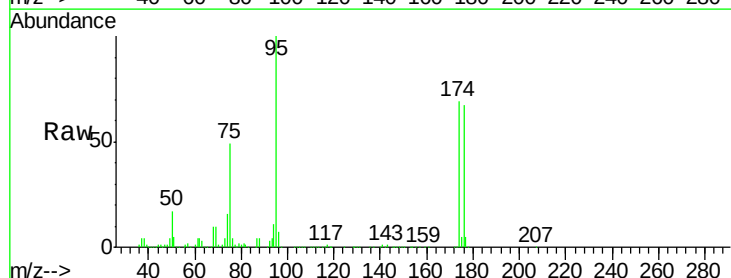
Tgt Ion: 95 Resp: 200010

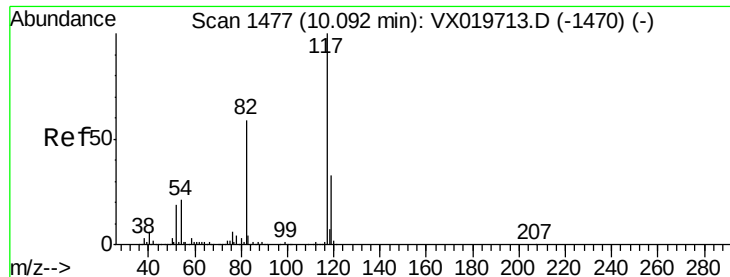
Ion Ratio Lower Upper

95 100

174 76.4 0.0 154.6

176 74.7 0.0 155.8





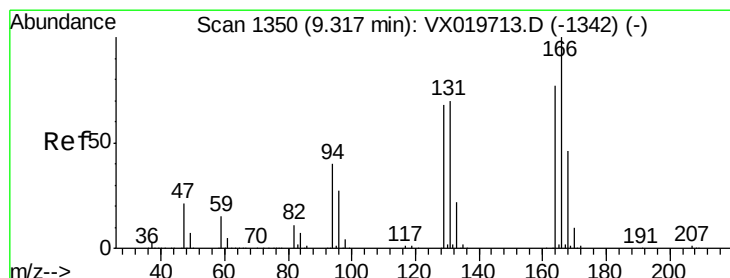
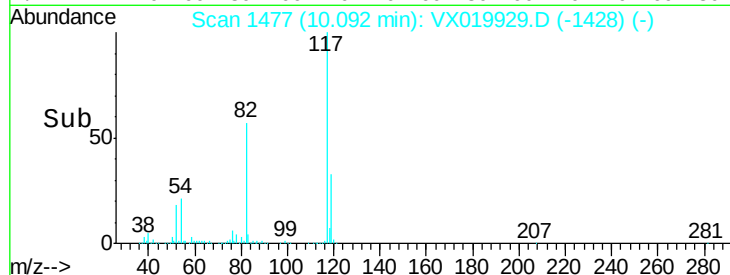
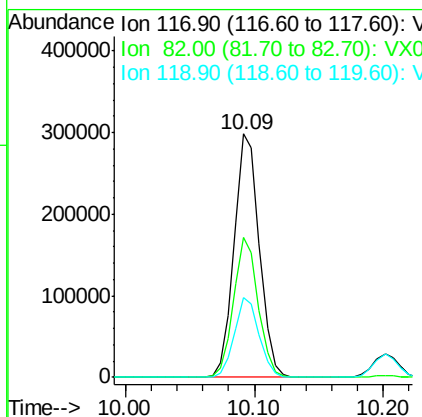
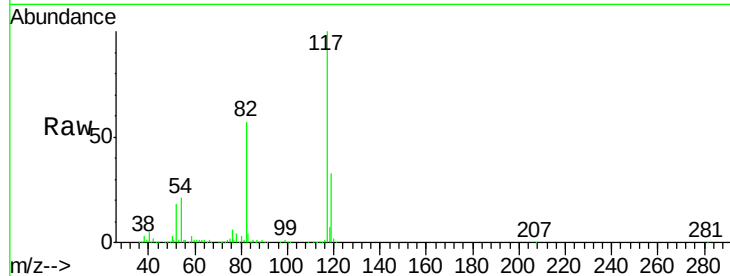
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.2
119	32.7	26.6	39.8

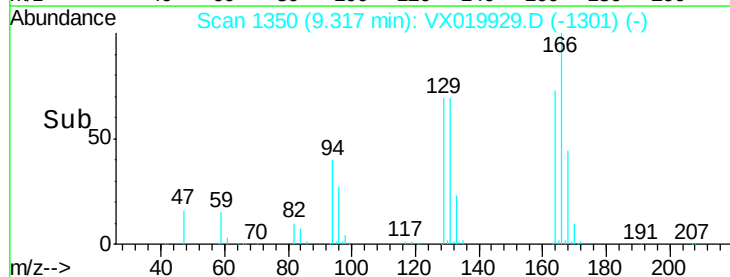
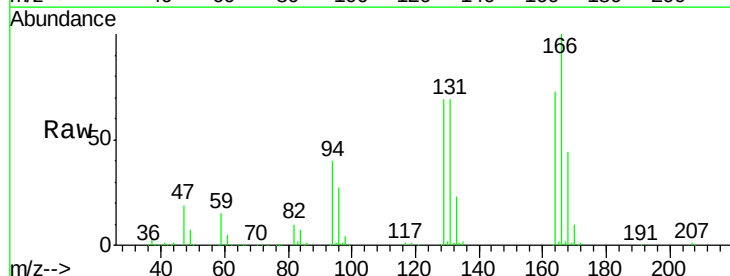
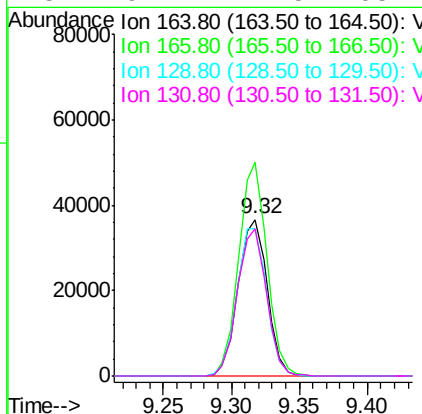
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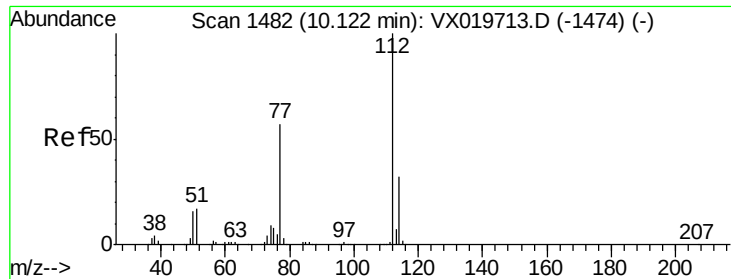
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#64
Tetrachloroethene
Concen: 20.120 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.4	103.4	155.2
129	94.4	70.8	106.2
131	94.1	72.5	108.7





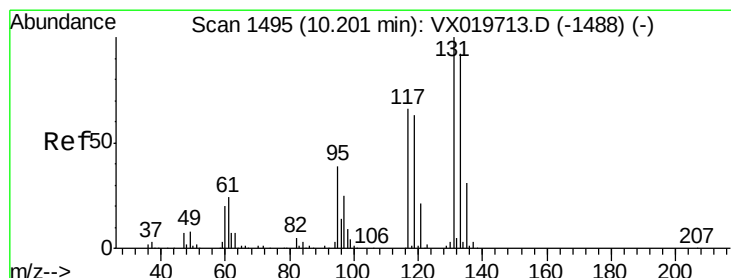
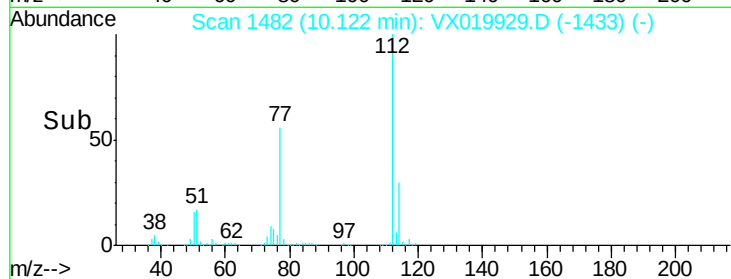
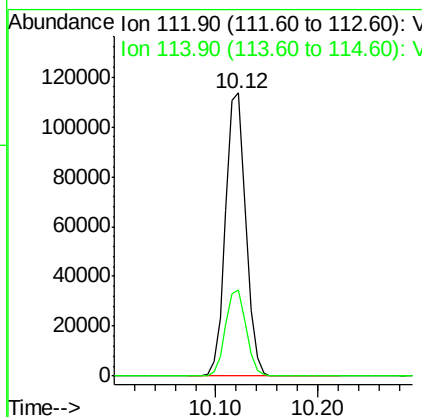
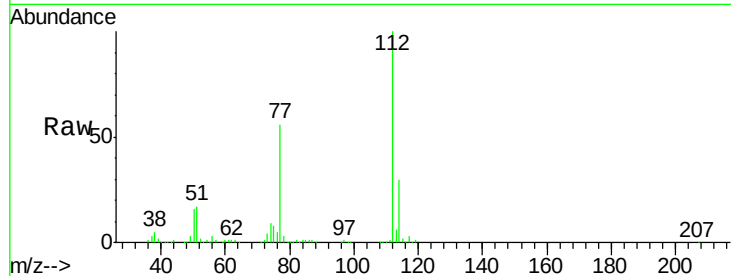
#65
Chlorobenzene
Concen: 19.303 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.8	38.6

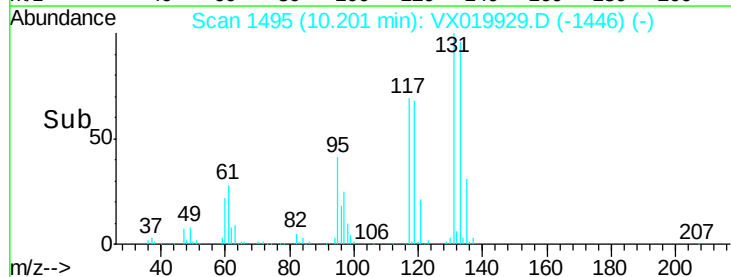
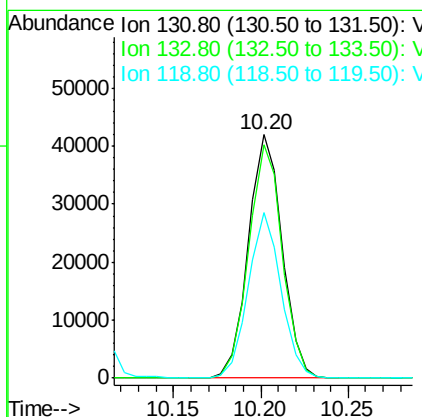
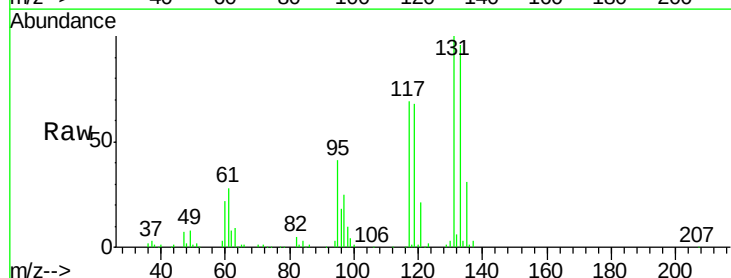
Manual Integrations
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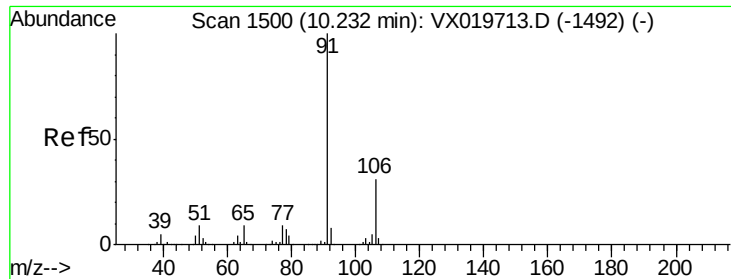
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.358 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	66.2	32.1	96.5





#67

Ethyl Benzene

Concen: 19.109 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 91 Resp: 274434

Ion Ratio Lower Upper

91 100

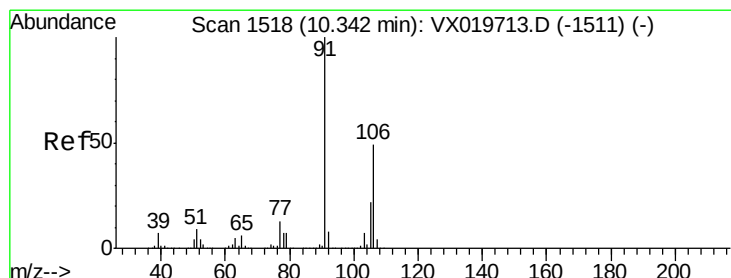
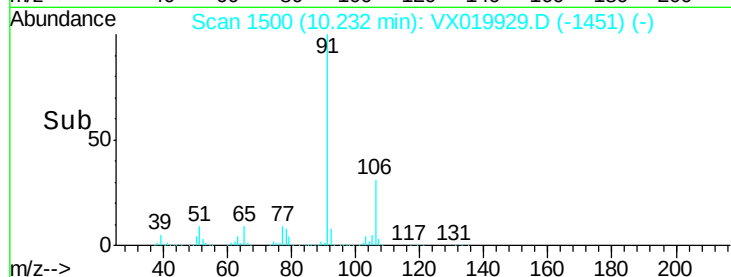
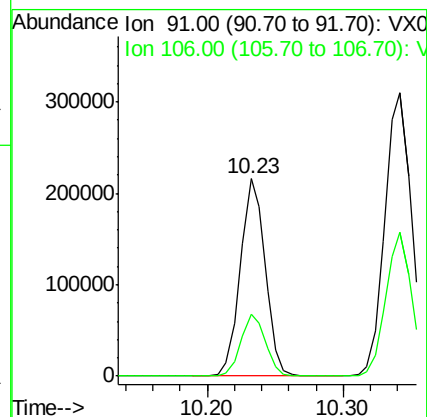
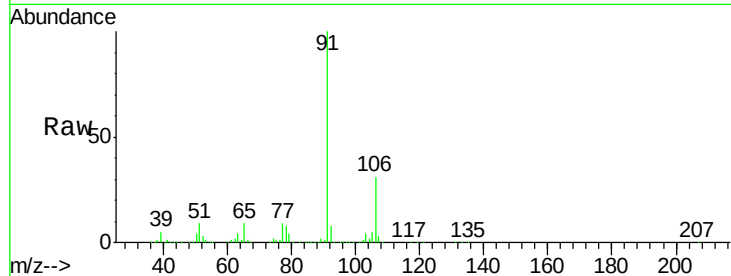
106 31.3 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.250 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019929.D

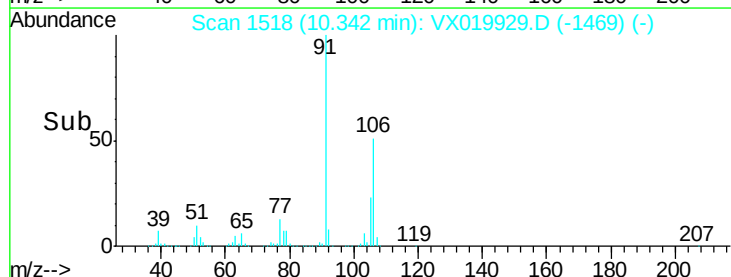
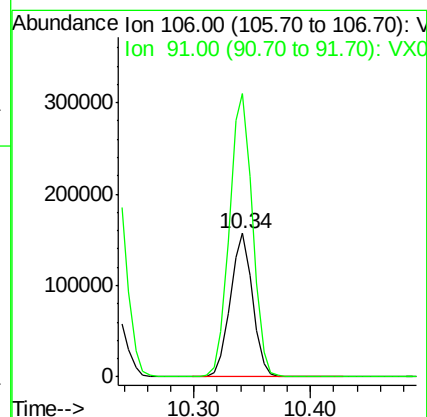
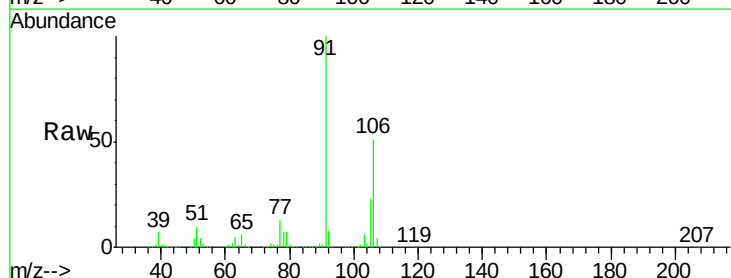
Acq: 12 Dec 2020 14:05

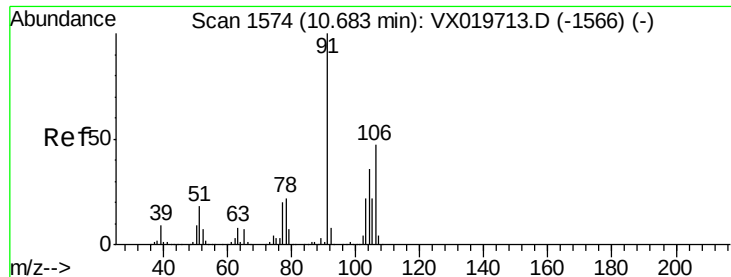
Tgt Ion: 106 Resp: 206993

Ion Ratio Lower Upper

106 100

91 203.9 162.8 244.2





#69

o-Xylene

Concen: 19.089 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion:106 Resp: 99369

Ion Ratio Lower Upper

106 100

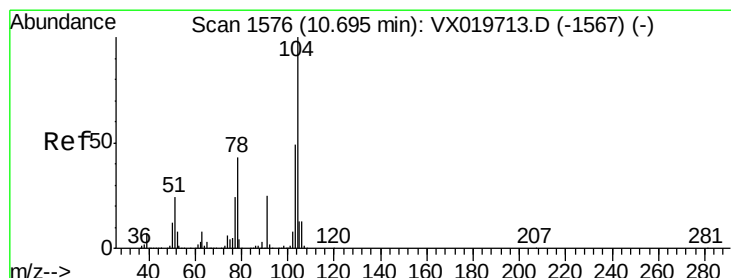
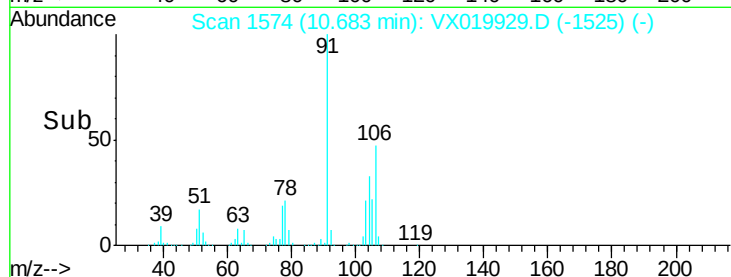
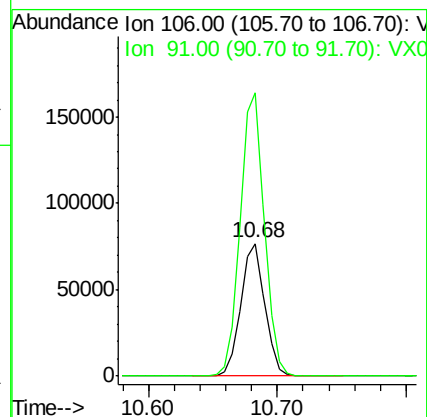
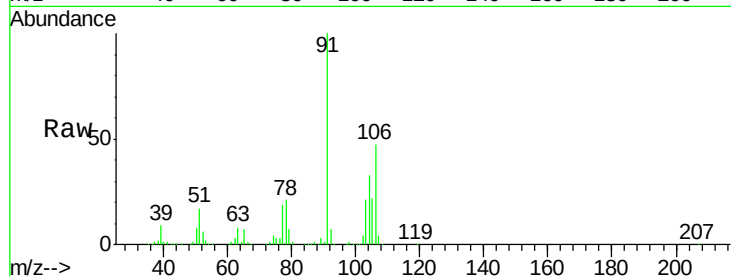
91 215.2 108.1 324.2

Manual Integrations

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#70

Styrene

Concen: 18.916 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

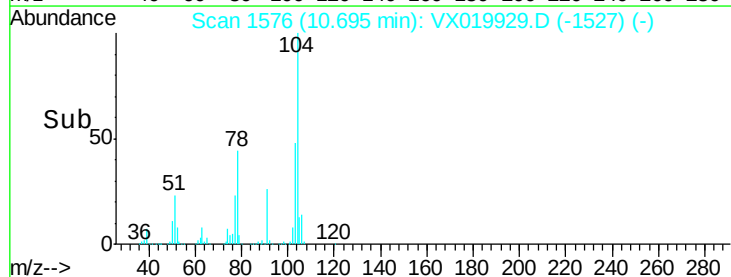
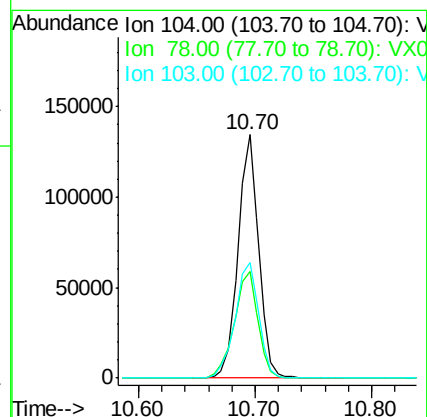
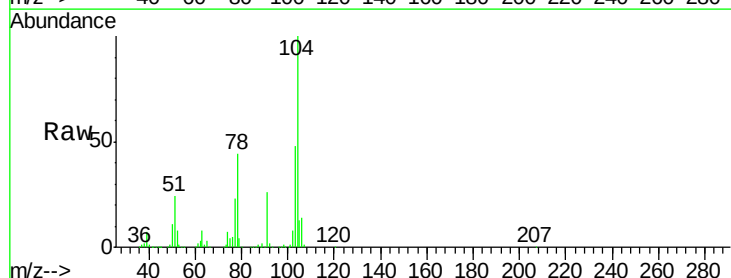
Tgt Ion:104 Resp: 166205

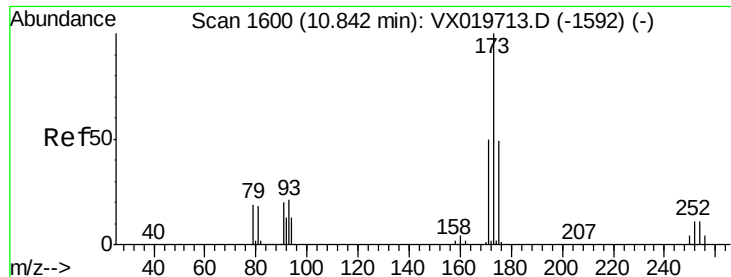
Ion Ratio Lower Upper

104 100

78 50.5 40.0 60.0

103 54.4 43.4 65.0





#71

Bromoform

Concen: 18.409 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

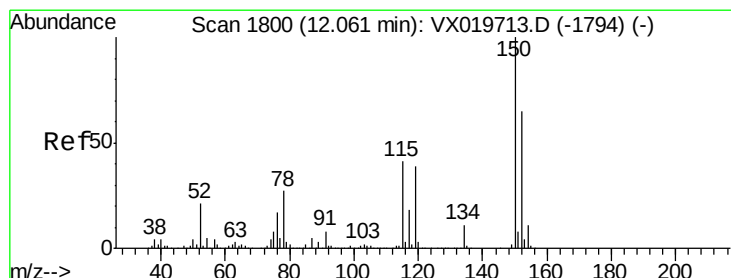
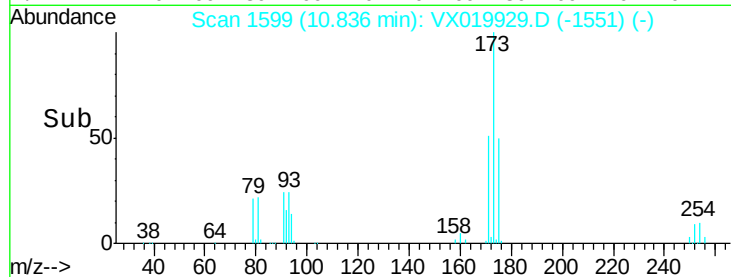
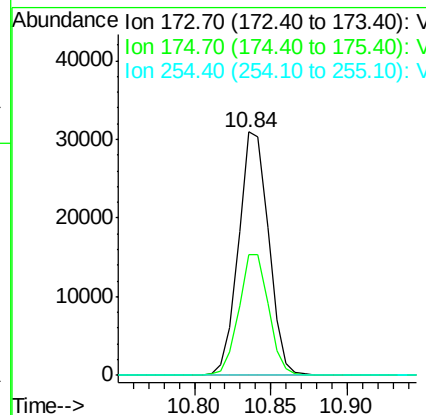
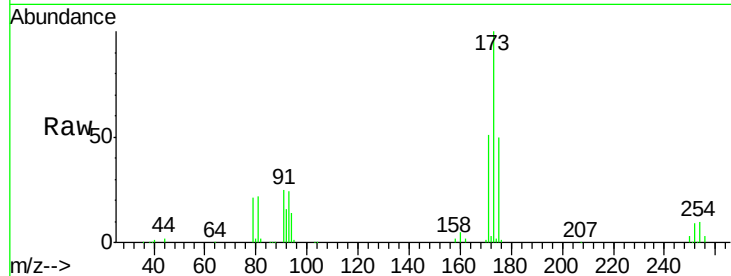
ClientSampleId :

VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.8
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

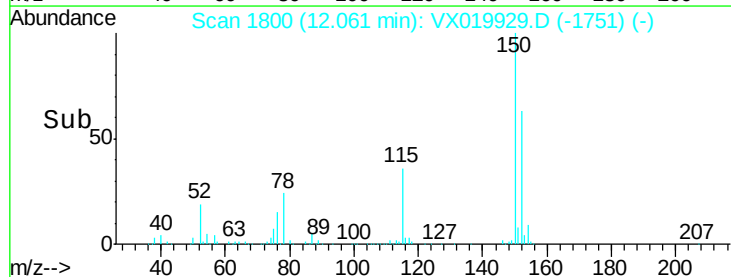
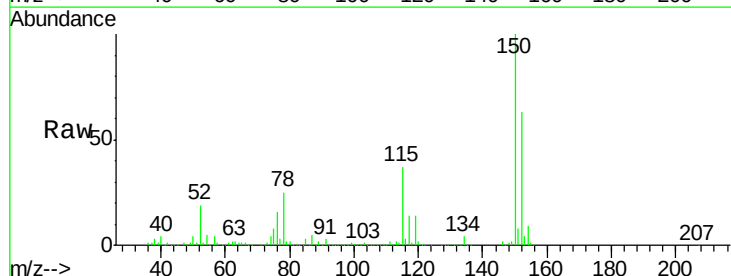
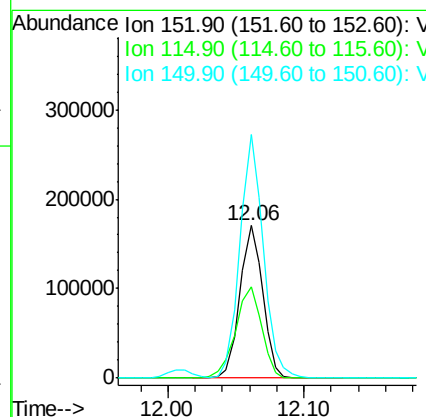
RT: 12.06 min Scan# 1800

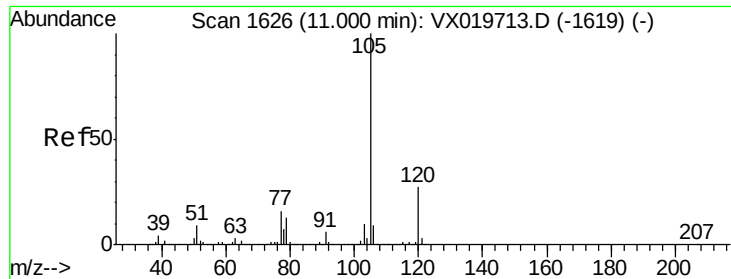
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.2	41.1	123.3
150	163.9	0.0	349.0





#73

Isopropylbenzene

Concen: 19.628 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 105 Resp: 267589

Ion Ratio Lower Upper

105 100

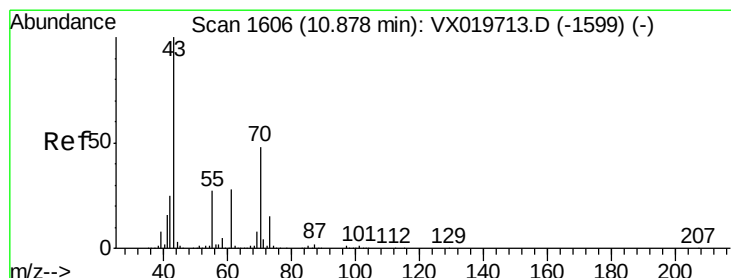
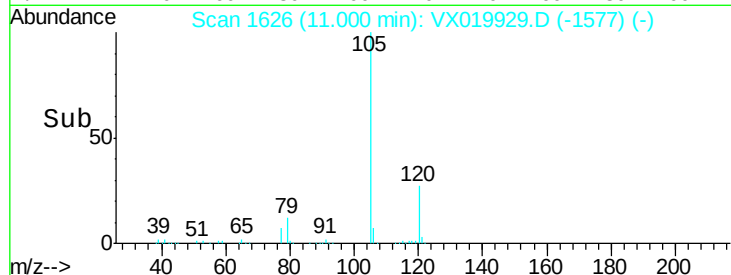
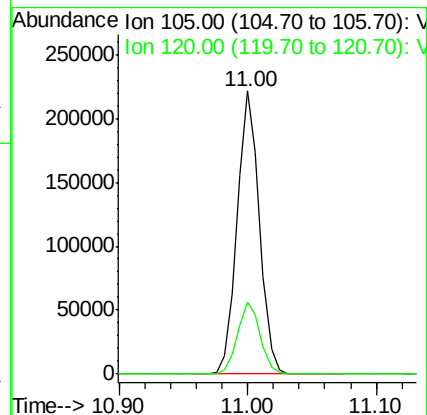
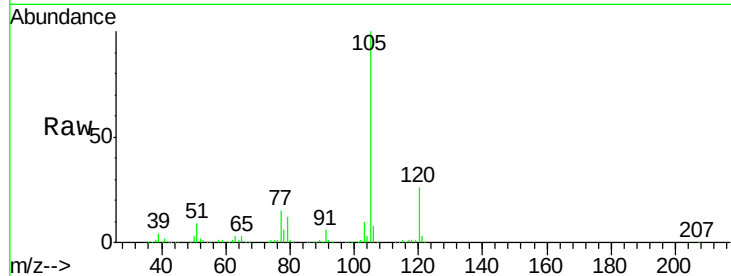
120 25.9 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.631 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion: 43 Resp: 101790

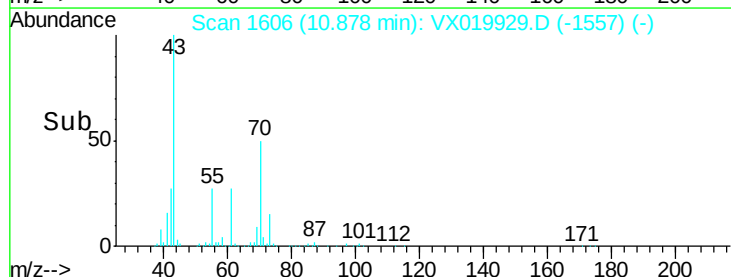
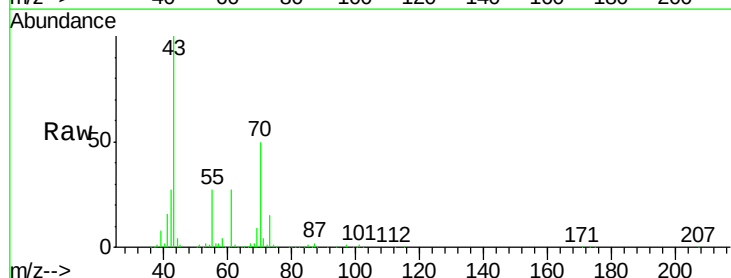
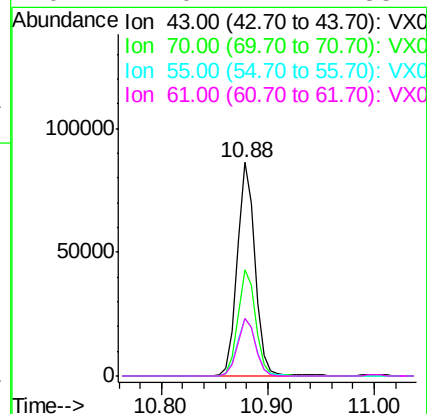
Ion Ratio Lower Upper

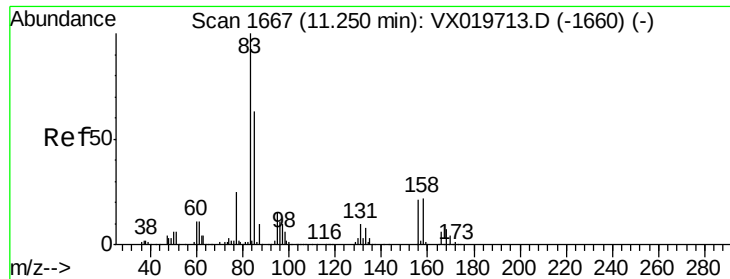
43 100

70 49.9 39.0 58.6

55 28.5 21.5 32.3

61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.060 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

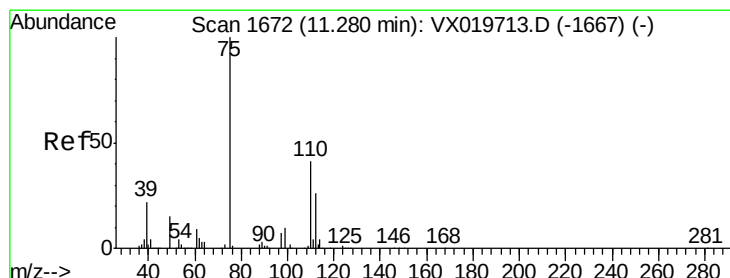
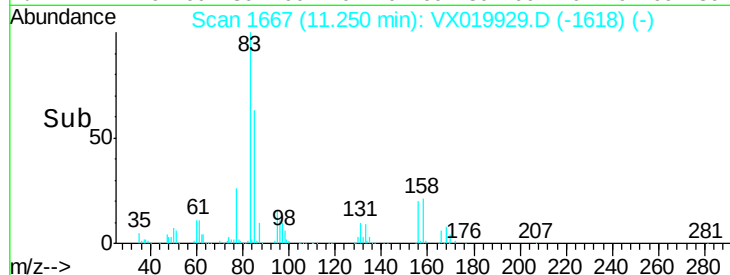
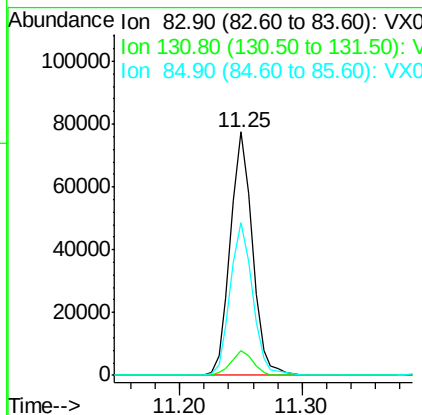
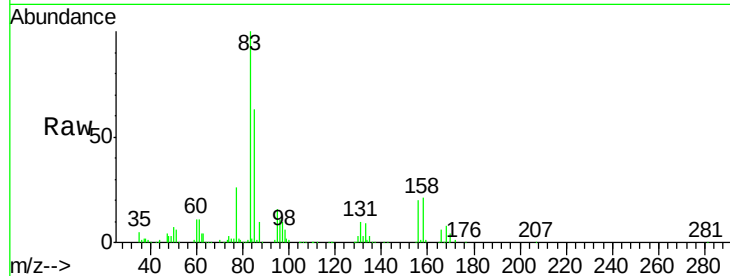
ClientSampleId :

VX1212WBSD01

Tot Ion:	83	Resp:	96418
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	63.6	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.988 ug/l m

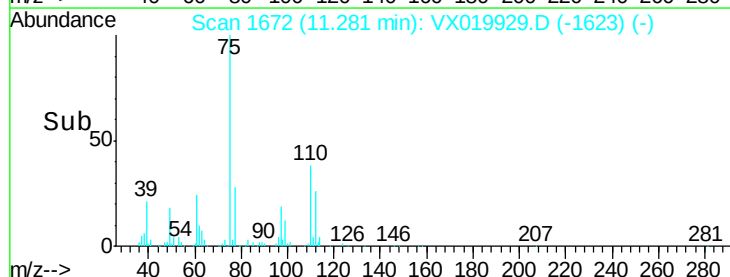
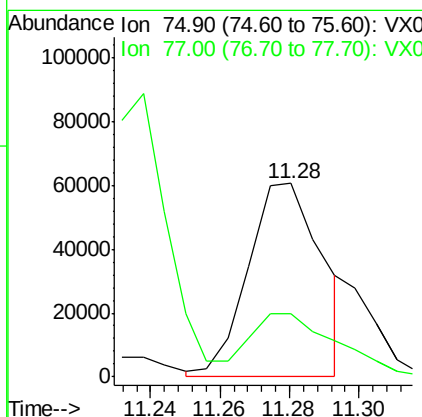
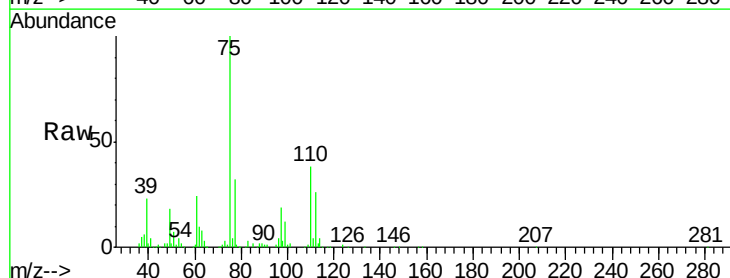
RT: 11.28 min Scan# 1672

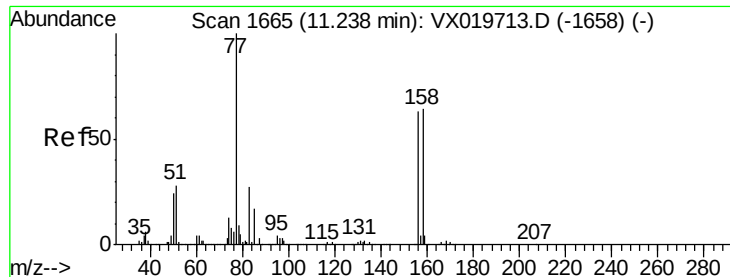
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	75	Resp:	89457
Ion Ratio	Lower	Upper	
75	100		
77	37.9	19.1	57.5





#77

Bromobenzene

Concen: 19.371 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion:156 Resp: 67581

Ion Ratio Lower Upper

156 100

77 167.4 82.8 248.6

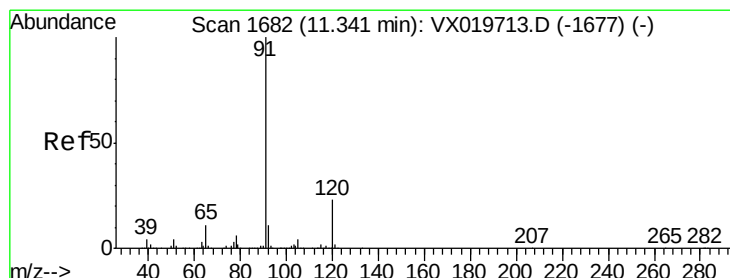
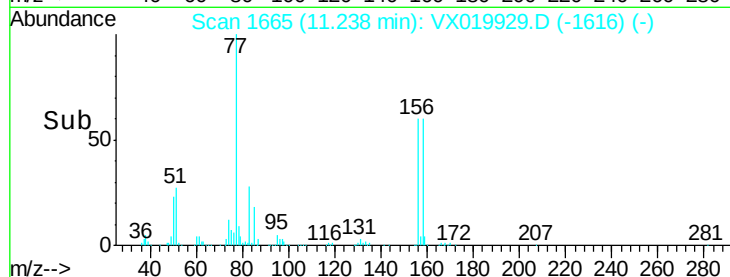
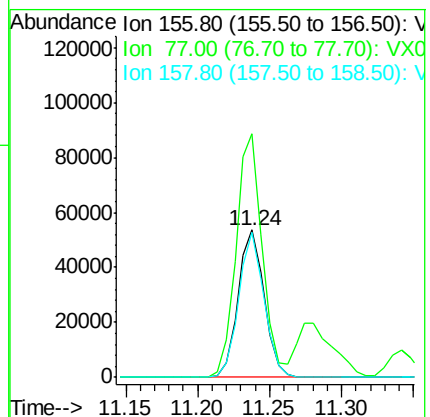
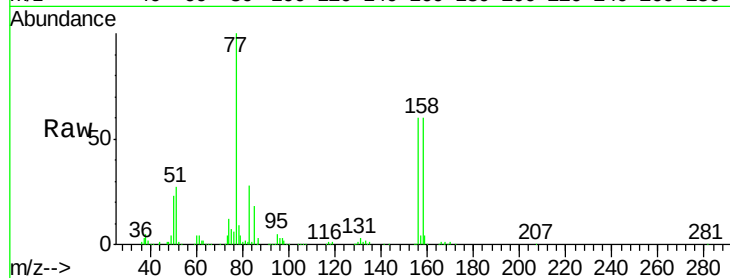
158 95.4 49.1 147.4

Manual Integrations

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#78

n-propylbenzene

Concen: 19.544 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019929.D

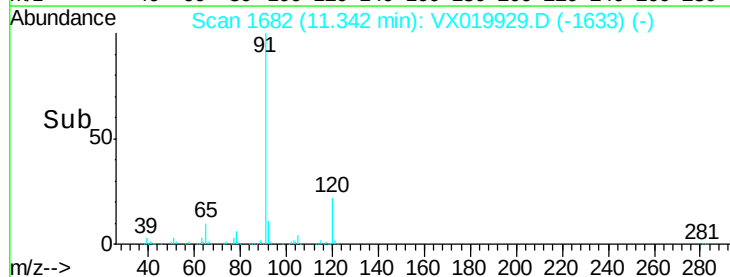
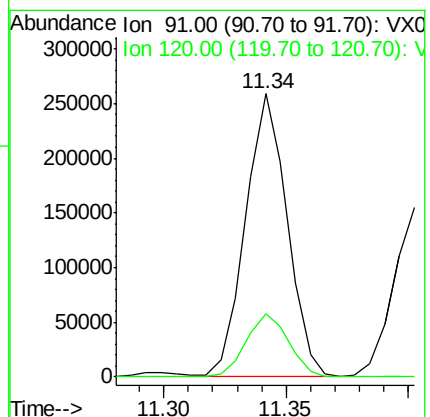
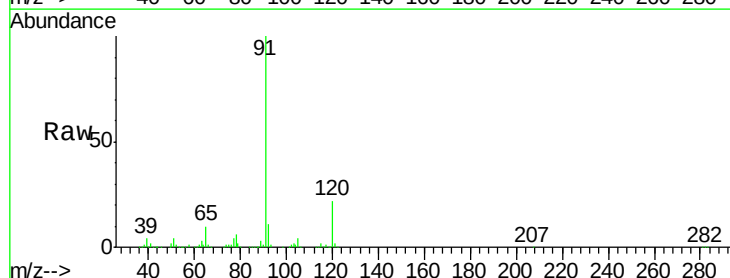
Acq: 12 Dec 2020 14:05

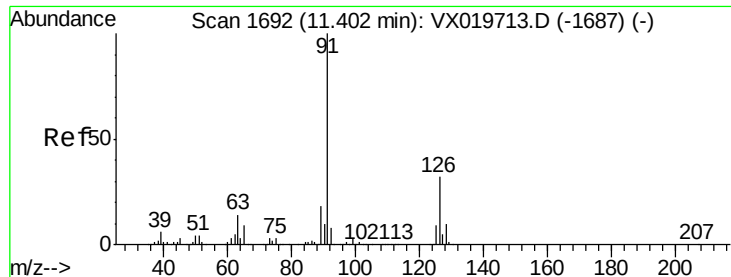
Tgt Ion: 91 Resp: 304320

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 19.483 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion: 91 Resp: 186817

Ion Ratio Lower Upper

91 100

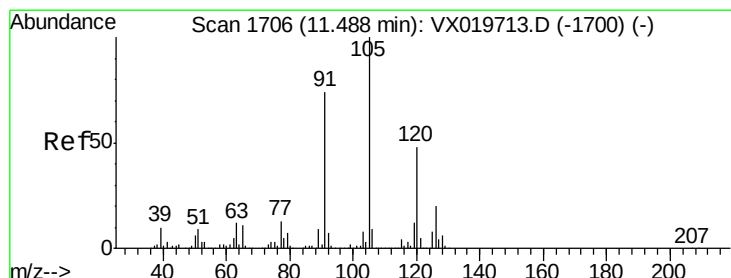
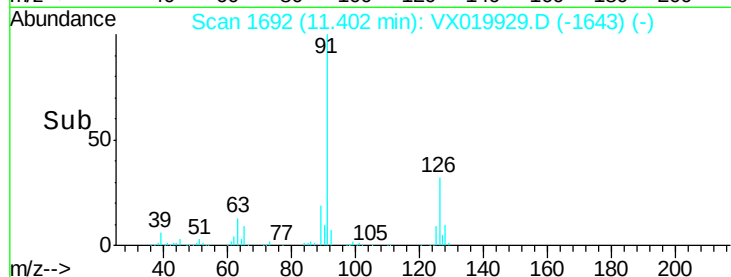
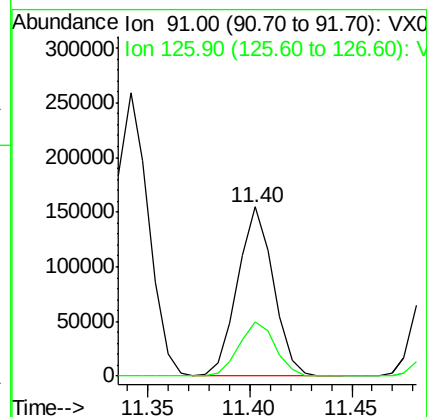
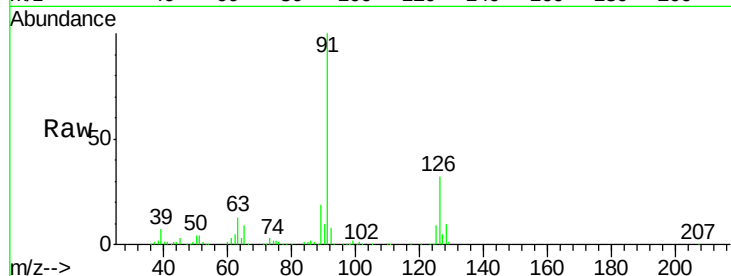
126 32.9 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.613 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019929.D

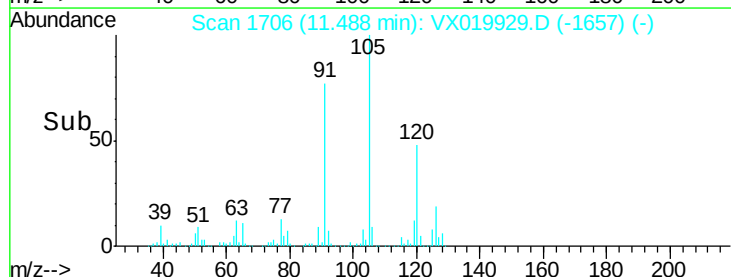
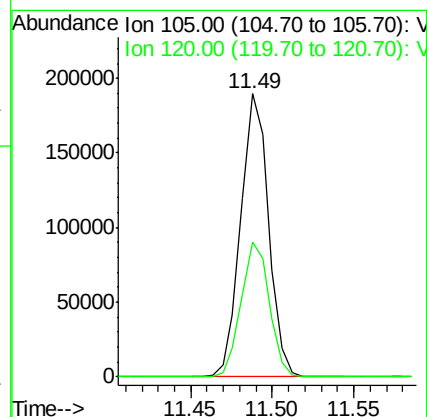
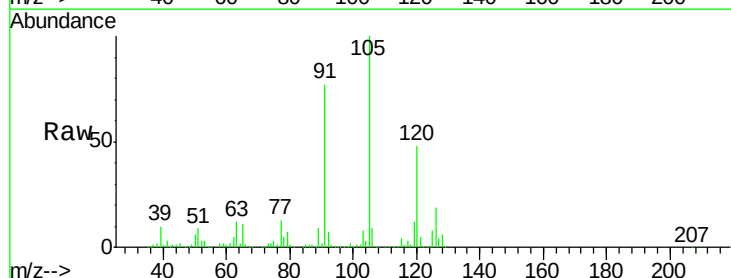
Acq: 12 Dec 2020 14:05

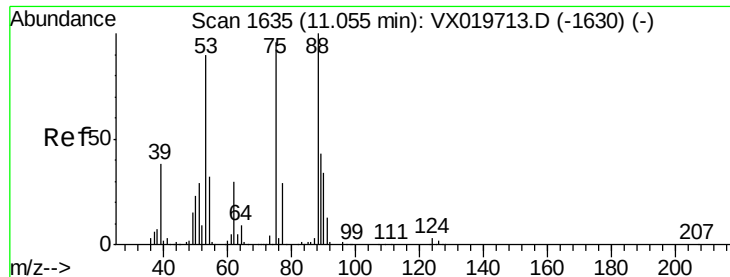
Tgt Ion: 105 Resp: 225659

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.591 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

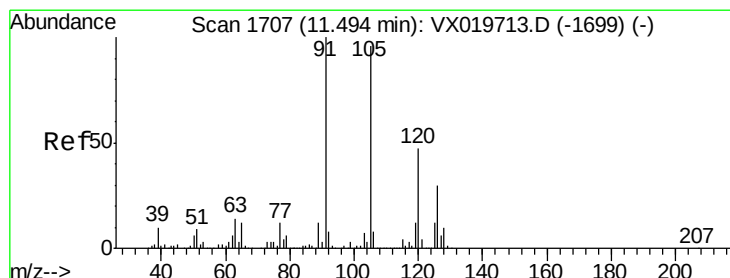
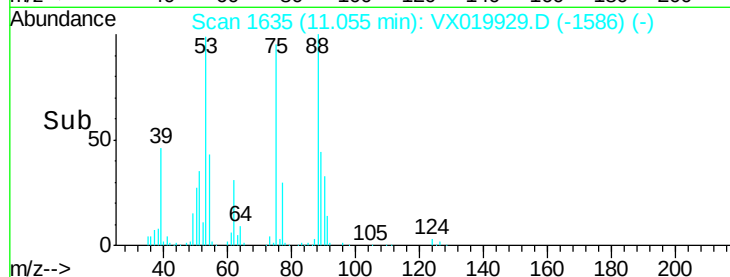
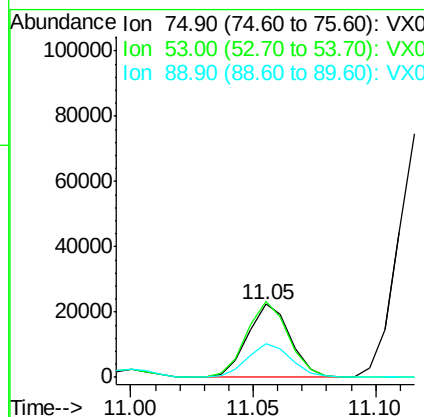
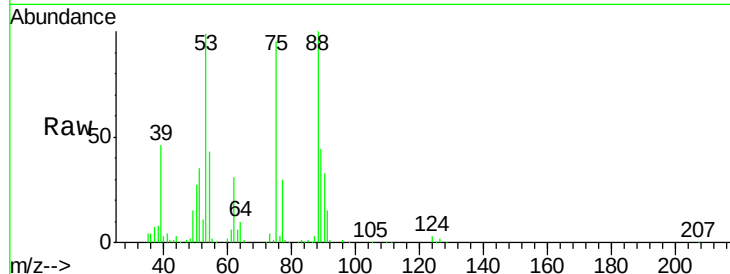
ClientSampleId :

VX1212WBSD01

Tot Ion:	75	Resp:	27234
Ion	Ratio	Lower	Upper
75	100		
53	102.7	74.5	111.7
89	47.0	37.9	56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.548 ug/l

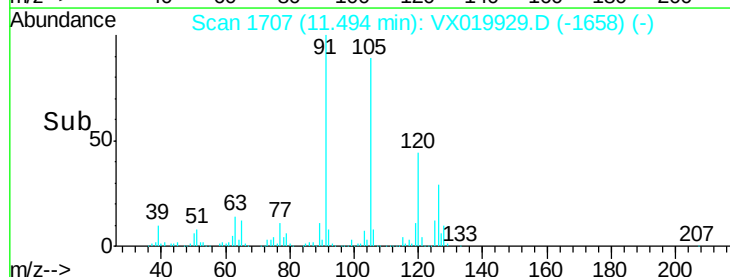
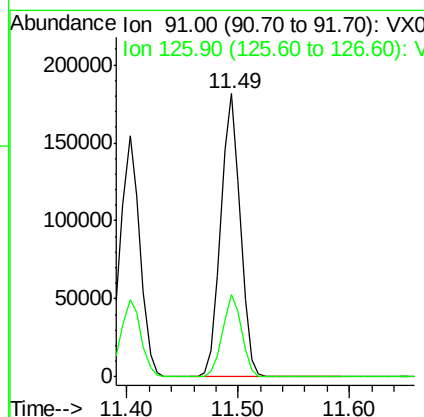
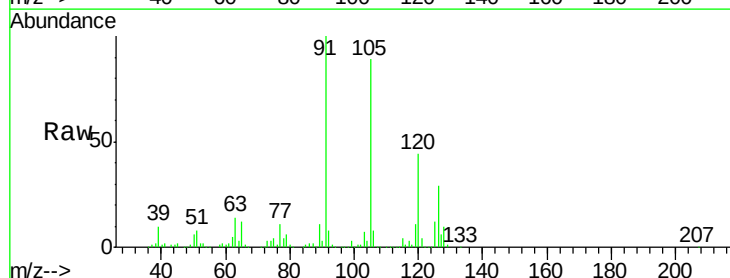
RT: 11.49 min Scan# 1707

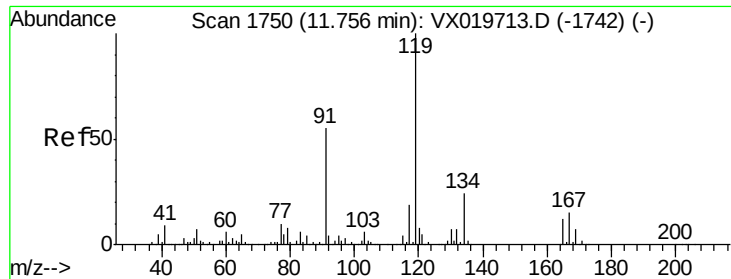
Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:	91	Resp:	219533
Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.9	44.5





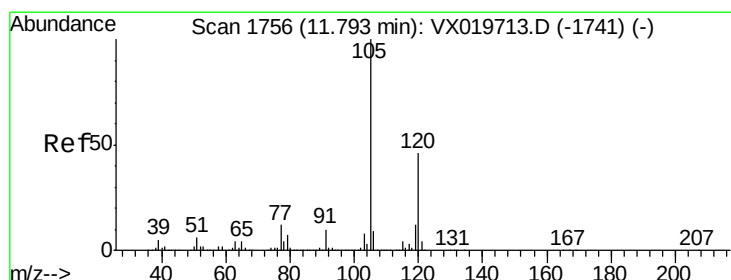
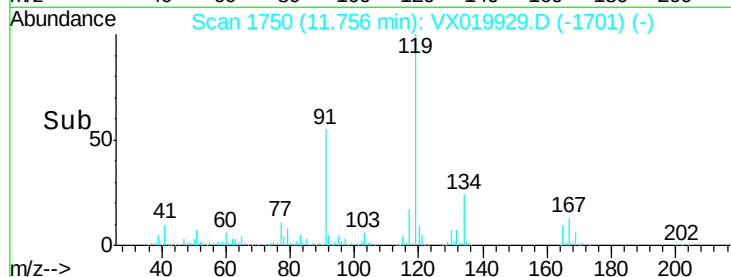
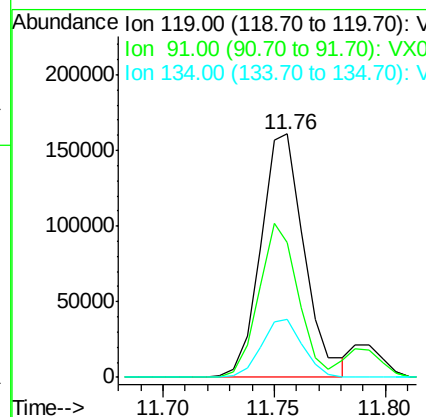
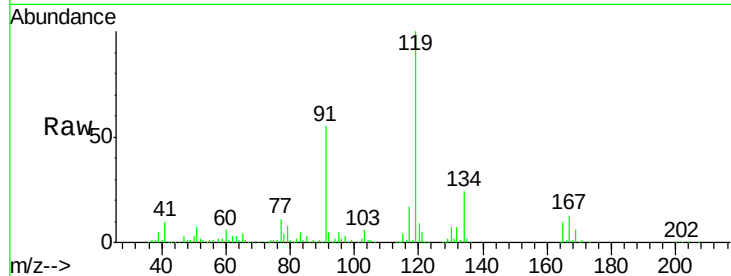
#83
 tert-Butylbenzene
 Concen: 19.335 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	218182		
91	57.4		27.9	83.7
134	22.9		11.3	33.9

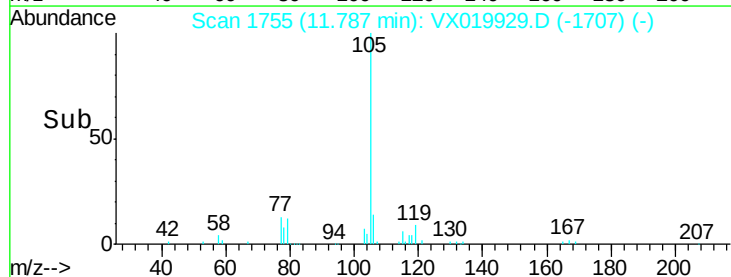
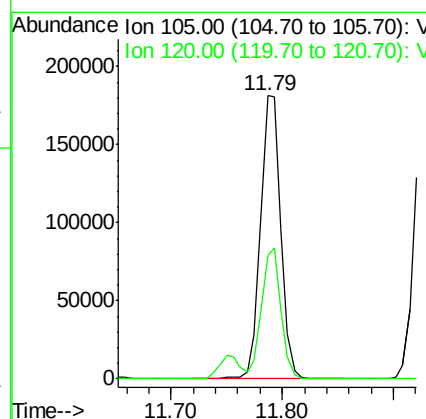
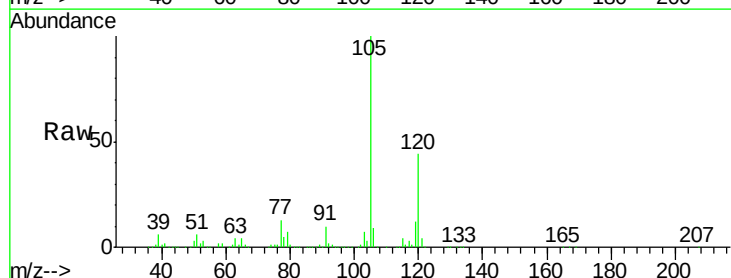
Manual Integrations
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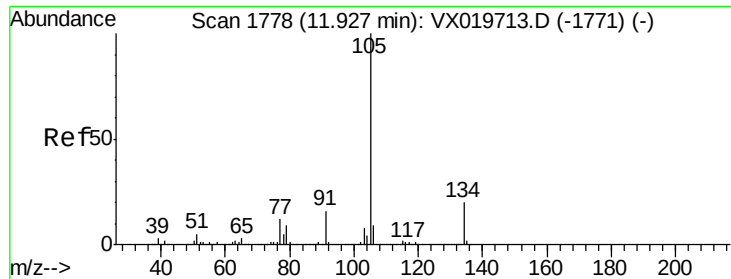
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.874 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230343		
120	44.1		22.4	67.3





#85

sec-Butylbenzene

Concen: 19.982 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tot Ion:105 Resp: 257440

Ion Ratio Lower Upper

105 100

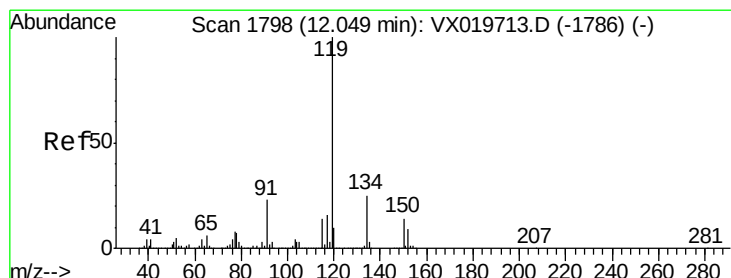
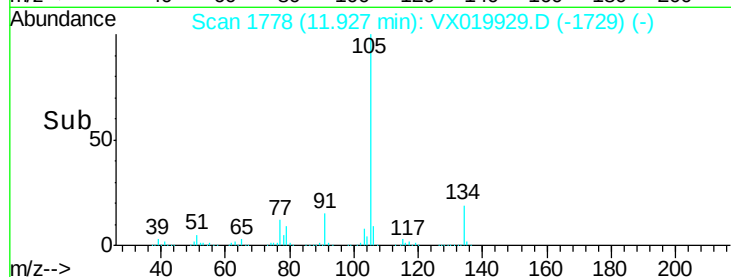
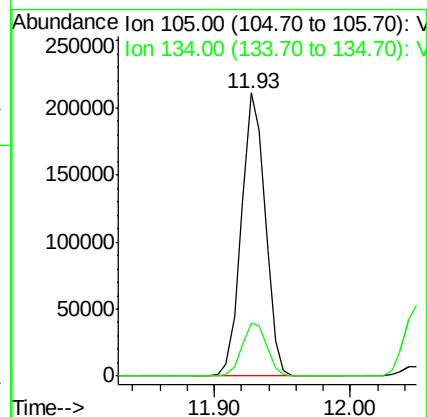
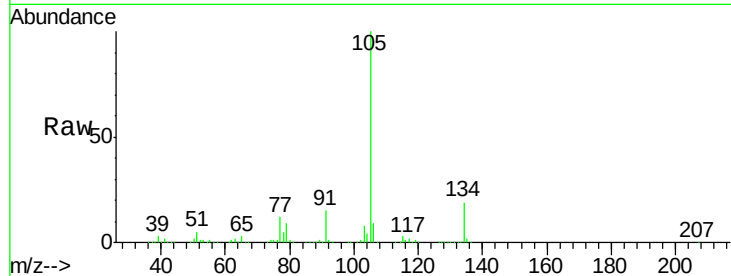
134 19.5 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 19.822 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

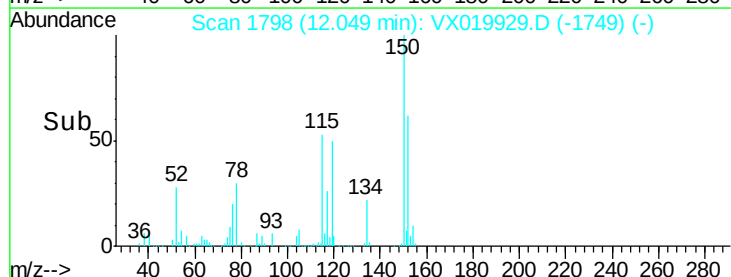
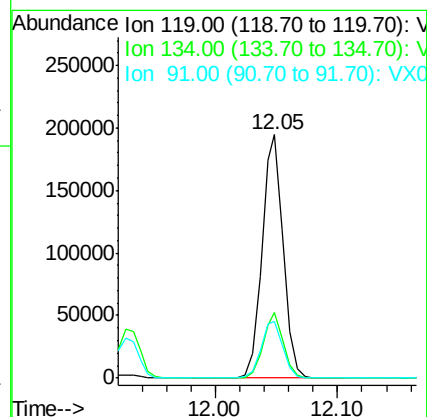
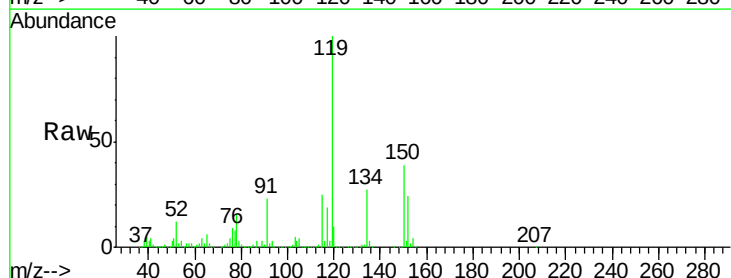
Tgt Ion:119 Resp: 234047

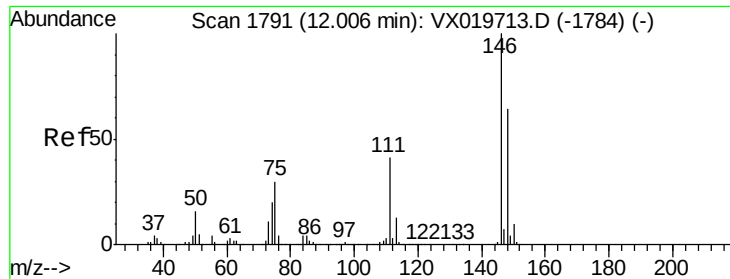
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.2 11.7 35.0





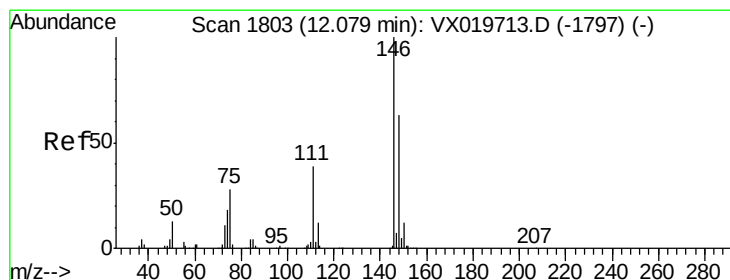
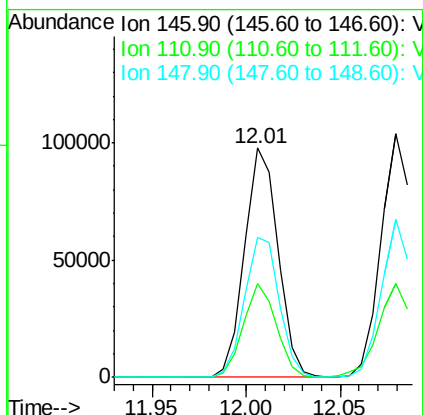
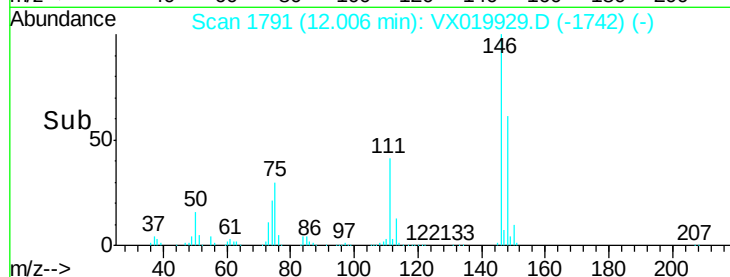
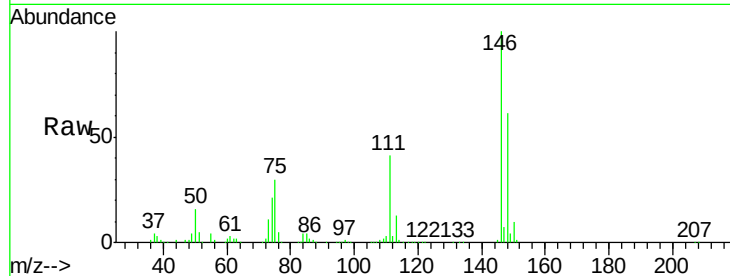
#87
 1,3-Dichlorobenzene
 Concen: 18.891 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	63.2	31.9	95.7

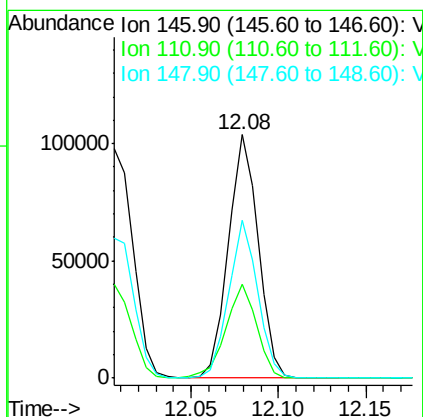
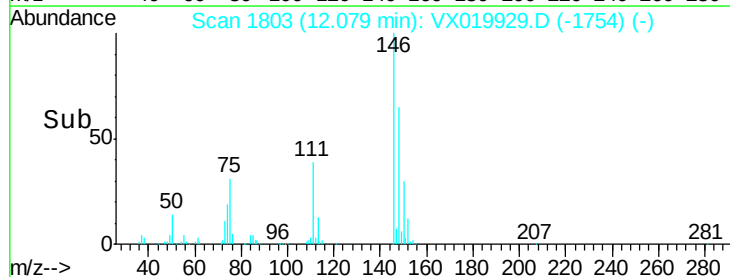
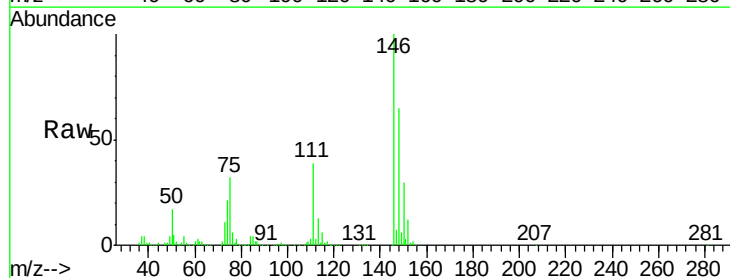
Manual Integrations
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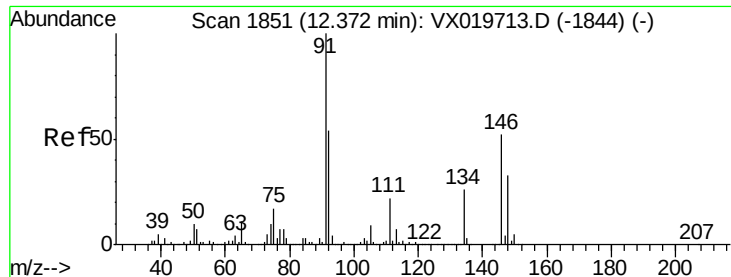
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 12/15/2020 4:49:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.860 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.8
148	63.4	31.6	95.0





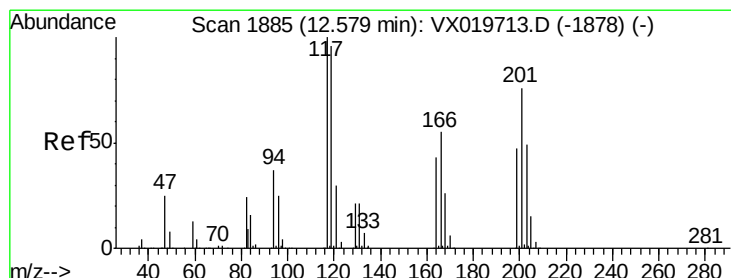
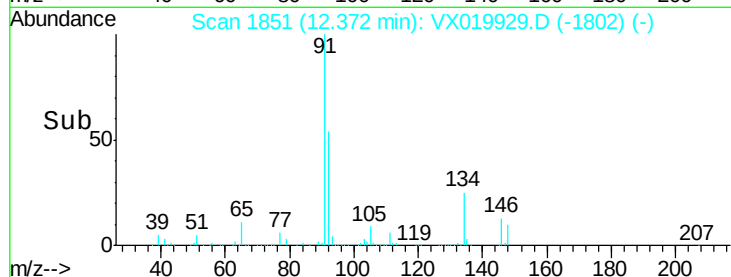
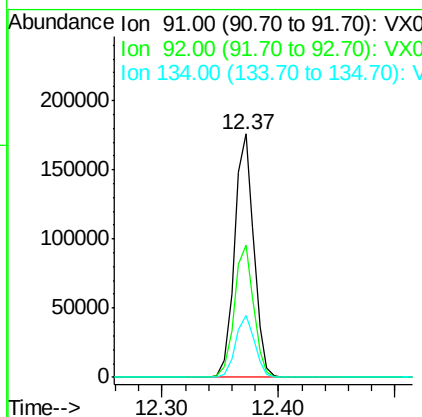
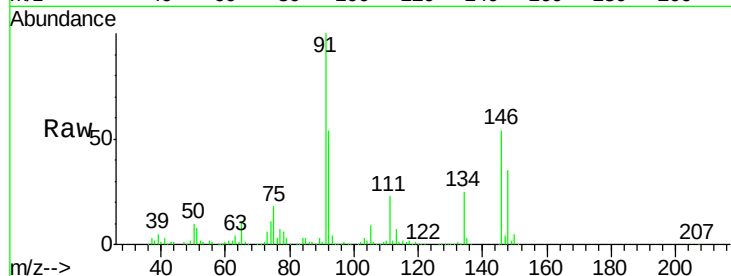
#89
n-Butylbenzene
Concen: 19.363 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.0
134	25.2	13.2	39.5

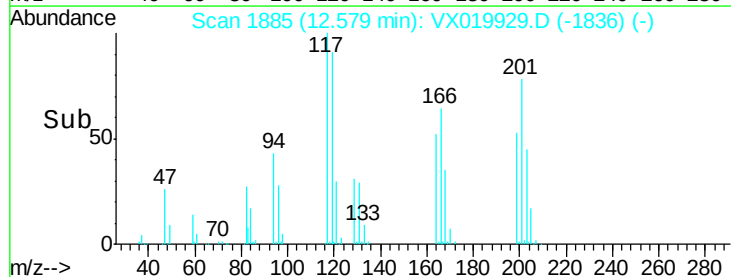
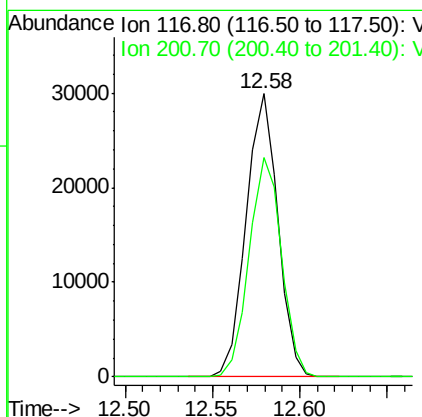
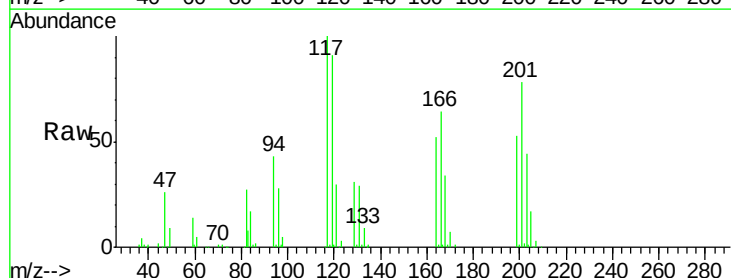
Manual Integrations
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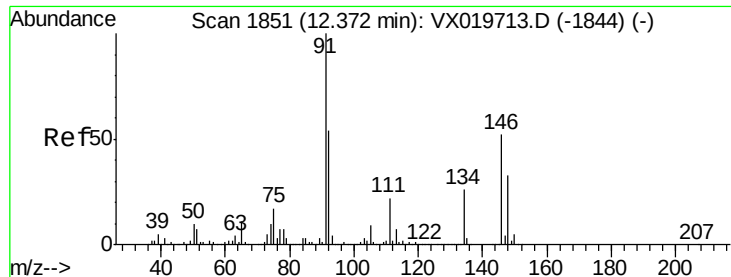
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#90
Hexachloroethane
Concen: 18.553 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	40.4	121.2





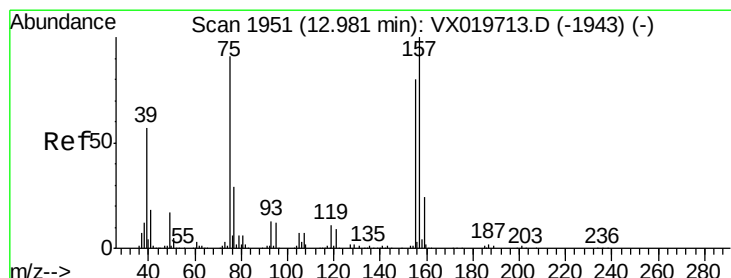
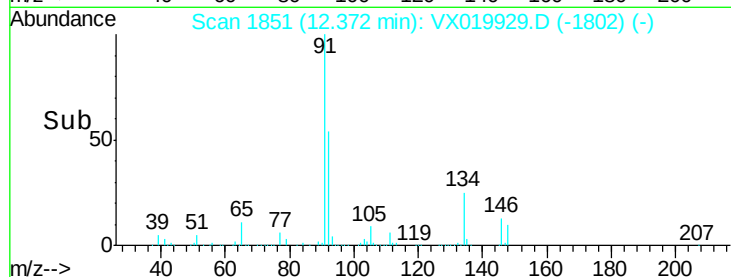
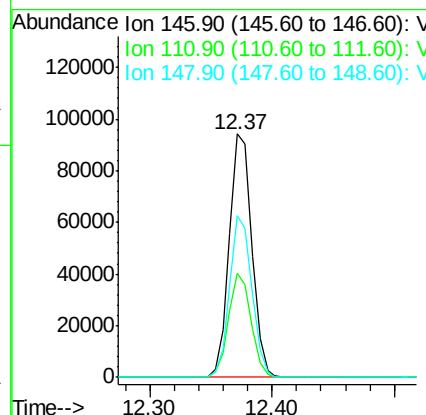
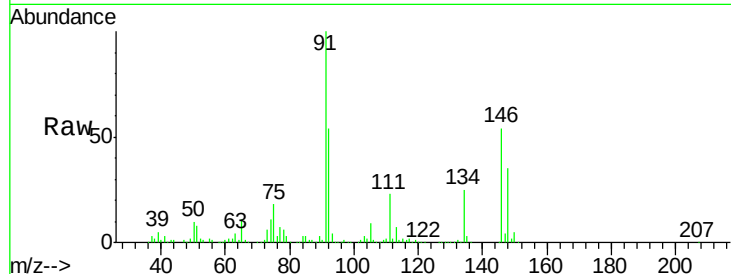
#91
 1,2-Dichlorobenzene
 Concen: 19.211 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.2
148	65.3	31.9	95.5

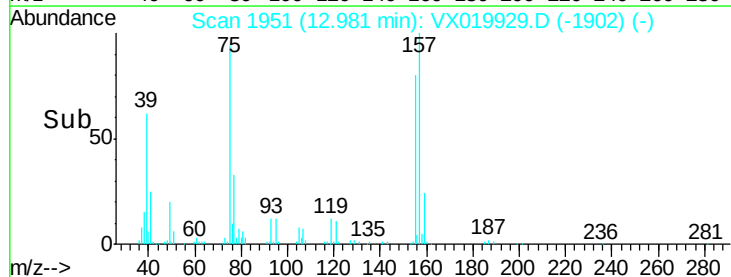
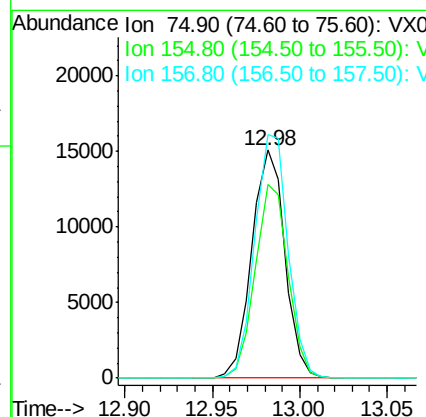
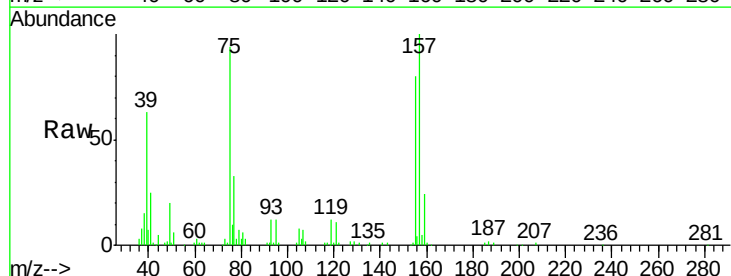
Manual Integrations
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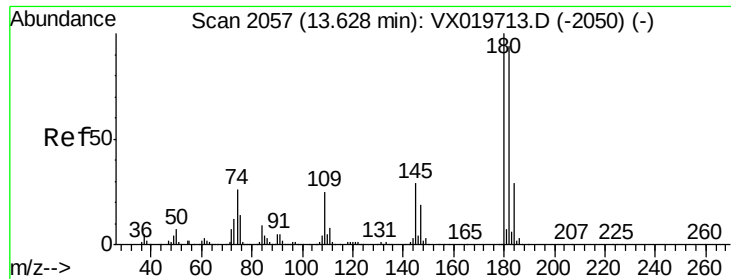
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.227 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	45.3	135.9
157	107.5	57.7	173.1





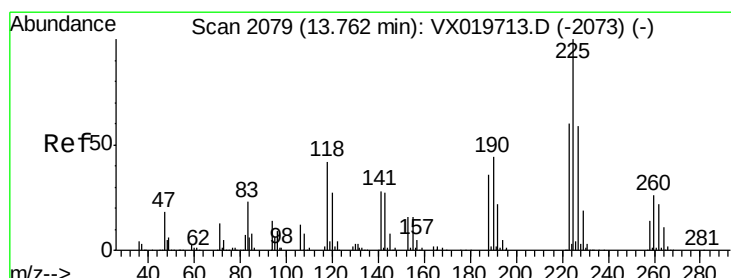
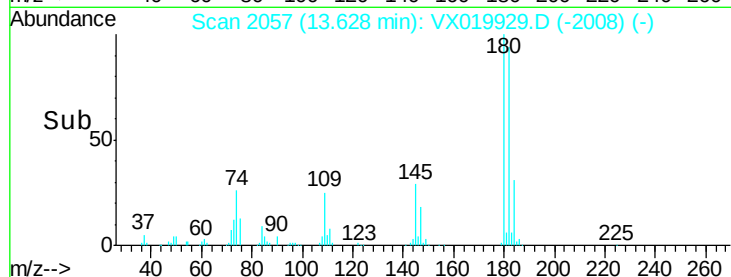
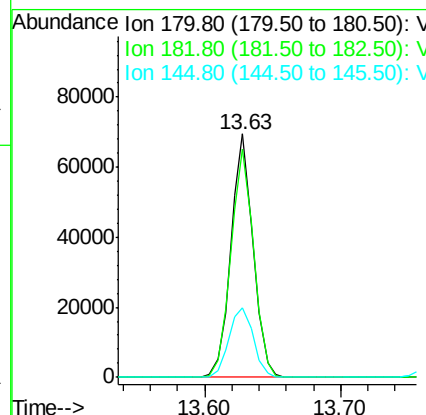
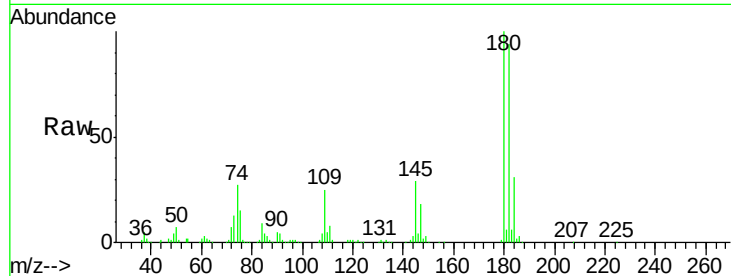
#93
 1,2,4-Trichlorobenzene
 Concen: 19.157 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.7	143.1
145	31.5	15.0	45.0

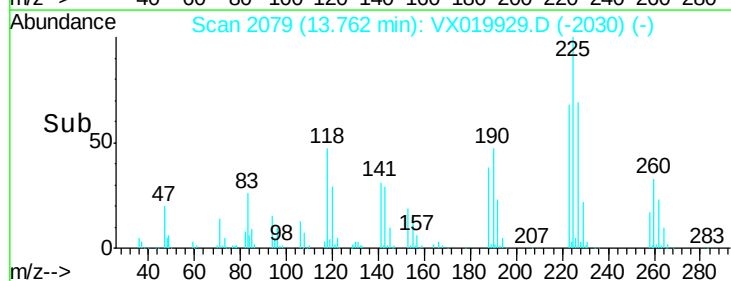
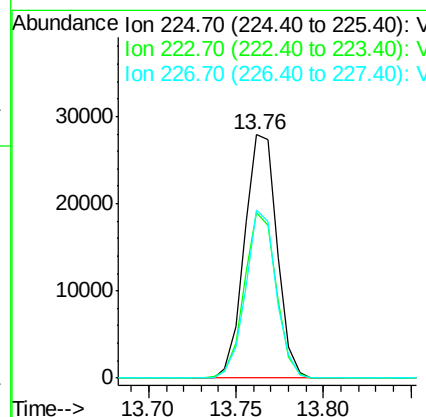
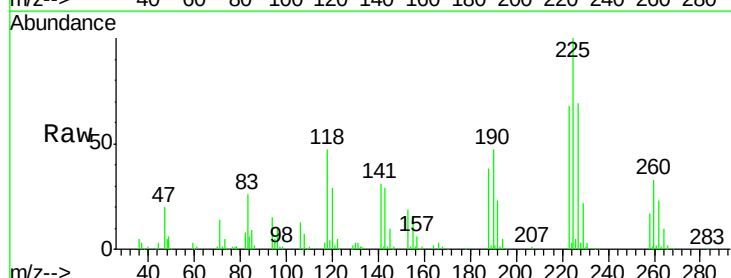
Manual Integrations
 APPROVED

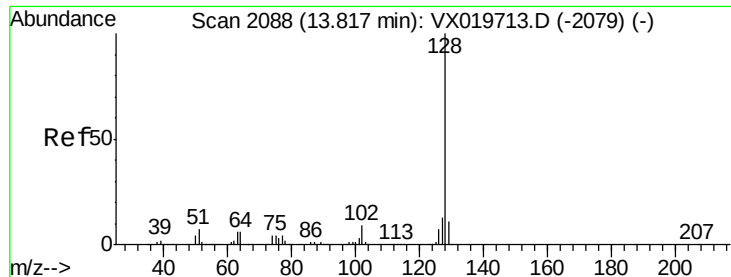
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 19.823 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	31.1	93.2
227	64.6	31.6	95.0





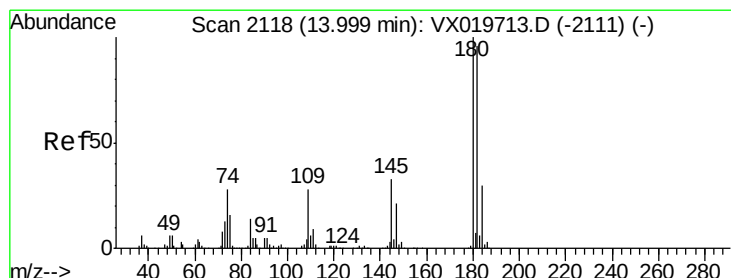
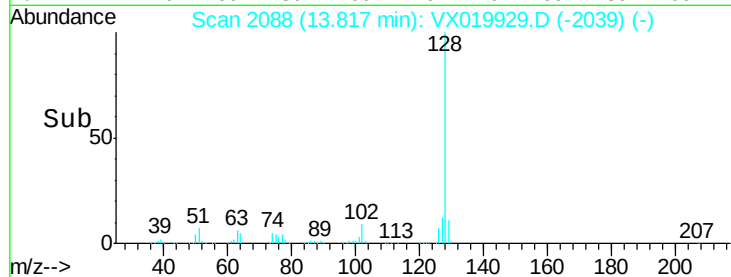
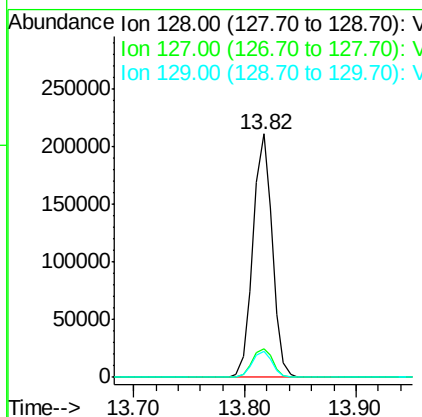
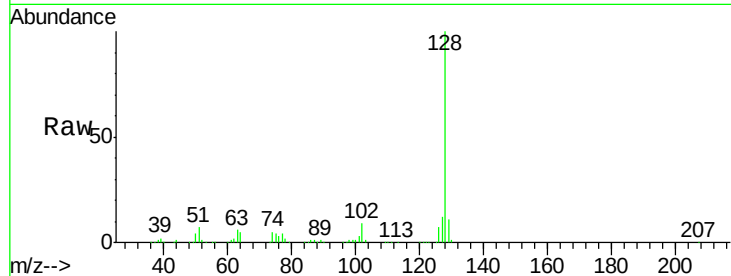
#95
Naphthalene
Concen: 19.326 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	254586		
127	12.6		10.3	15.5
129	10.9		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.420 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	77119		
182	97.6		47.6	142.9
145	32.8		16.1	48.3

