

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019509.D
 Acq On : 20 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:51:14 PM

Quant Time: Nov 21 04:48:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	254480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	434193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165648	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.40%
35) Dibromofluoromethane	5.46	113	134348	49.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.58%
50) Toluene-d8	8.70	98	512996	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%
62) 4-Bromofluorobenzene	11.12	95	187969	49.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	128545	51.944	ug/l 100
3) Chloromethane	1.31	50	143230	50.437	ug/l 98
4) Vinyl Chloride	1.39	62	157169	51.414	ug/l 97
5) Bromomethane	1.62	94	53507	46.211	ug/l 99
6) Chloroethane	1.68	64	37776	50.793	ug/l 96
7) Trichlorofluoromethane	1.89	101	222935	50.528	ug/l 99
8) Diethyl Ether	2.17	74	93789	53.077	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125416	50.951	ug/l 99
10) Methyl Iodide	2.48	142	155109	47.966	ug/l 99
11) Tert butyl alcohol	3.05	59	168688	270.142	ug/l 99
12) 1,1-Dichloroethene	2.34	96	127675	50.535	ug/l 97
13) Acrolein	2.28	56	101645	242.158	ug/l 100
14) Allyl chloride	2.70	41	199680	50.451	ug/l 100
15) Acrylonitrile	3.12	53	405225	275.167	ug/l 99
16) Acetone	2.43	43	321864	252.246	ug/l 99
17) Carbon Disulfide	2.54	76	324062	47.745	ug/l 99
18) Methyl Acetate	2.75	43	169777	54.212	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	469482	53.835	ug/l 99
20) Methylene Chloride	2.83	84	157401	49.354	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	146641	51.229	ug/l 98
22) Diisopropyl ether	3.83	45	439707	53.704	ug/l 92
23) Vinyl Acetate	3.79	43	1894086	275.796	ug/l 100
24) 1,1-Dichloroethane	3.67	63	263230	52.562	ug/l 99
25) 2-Butanone	4.64	43	518960	270.745	ug/l 99
26) 2,2-Dichloropropane	4.54	77	211048	48.281	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	171560	52.177	ug/l 99
28) Bromochloromethane	4.98	49	114344	47.756	ug/l 98
29) Tetrahydrofuran	5.09	42	337092	275.627	ug/l 100
30) Chloroform	5.17	83	275579	52.625	ug/l 99
31) Cyclohexane	5.54	56	220938	51.483	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	236766	52.635	ug/l 100
36) 1,1-Dichloropropene	5.76	75	199352	48.974	ug/l 99
37) Ethyl Acetate	4.80	43	203950	53.370	ug/l 99
38) Carbon Tetrachloride	5.75	117	199408	50.611	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	235578	49.704	ug/l	99
40) Benzene	6.11	78	627164	50.146	ug/l	98
41) Methacrylonitrile	5.01	41	108716	51.590	ug/l	99
42) 1,2-Dichloroethane	6.16	62	216910	50.600	ug/l	99
43) Isopropyl Acetate	6.42	43	332865	51.817	ug/l	100
44) Trichloroethene	7.19	130	161588	49.325	ug/l	97
45) 1,2-Dichloropropane	7.49	63	156729	50.903	ug/l	98
46) Dibromomethane	7.63	93	106324	50.455	ug/l	98
47) Bromodichloromethane	7.87	83	211150	51.637	ug/l	98
48) Methyl methacrylate	7.74	41	161747	53.764	ug/l	99
49) 1,4-Dioxane	7.72	88	76313	1117.195	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1021867	272.795	ug/l	100
52) Toluene	8.76	92	395514	51.694	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	230605	52.218	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255219	52.076	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	160972	51.660	ug/l	99
56) Ethyl methacrylate	9.16	69	240565	54.560	ug/l	100
57) 1,3-Dichloropropane	9.35	76	269002	51.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	643286	248.992	ug/l	100
59) 2-Hexanone	9.48	43	773702	272.335	ug/l	99
60) Dibromochloromethane	9.57	129	162532	53.253	ug/l	98
61) 1,2-Dibromoethane	9.65	107	167386	52.114	ug/l	99
64) Tetrachloroethene	9.32	164	149628	48.824	ug/l	97
65) Chlorobenzene	10.12	112	404816	50.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	151398	51.925	ug/l	99
67) Ethyl Benzene	10.23	91	741104	52.775	ug/l	100
68) m/p-Xylenes	10.34	106	559463	106.936	ug/l	99
69) o-Xylene	10.68	106	264942	52.976	ug/l	100
70) Styrene	10.70	104	453603	49.031	ug/l	100
71) Bromoform	10.84	173	114386	46.577	ug/l	99
73) Isopropylbenzene	11.00	105	707379	51.950	ug/l	99
74) N-amyl acetate	10.88	43	280545	54.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	252369	51.828	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	222977m	51.909	ug/l	
77) Bromobenzene	11.24	156	177722	51.128	ug/l	98
78) n-propylbenzene	11.34	91	818398	52.392	ug/l	100
79) 2-Chlorotoluene	11.40	91	492794	52.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	610550	53.452	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	76359	48.181	ug/l	99
82) 4-Chlorotoluene	11.49	91	574869	51.548	ug/l	100
83) tert-Butylbenzene	11.76	119	580868	52.564	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	621392	53.766	ug/l	99
85) sec-Butylbenzene	11.93	105	688083	52.339	ug/l	100
86) p-Isopropyltoluene	12.05	119	633908	53.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320105	50.144	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	325483	49.498	ug/l	99
89) n-Butylbenzene	12.37	91	562447	52.123	ug/l	99
90) Hexachloroethane	12.58	117	105761	52.952	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	318708	49.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53606	53.962	ug/l	99

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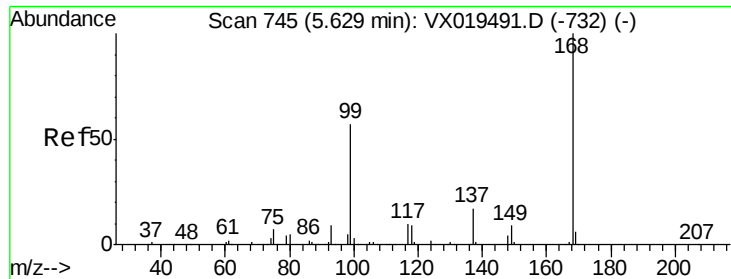
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	209637	50.928	ug/l	99
94) Hexachlorobutadiene	13.76	225	92616	49.391	ug/l	97
95) Naphthalene	13.82	128	730531	50.304	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216322	52.538	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 254480

Ion Ratio Lower Upper

168 100

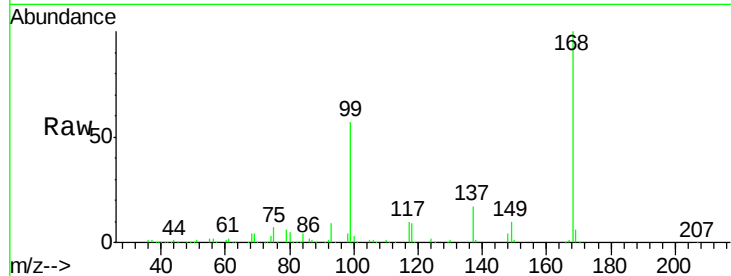
99 56.9 45.8 68.6

Manual Integrations

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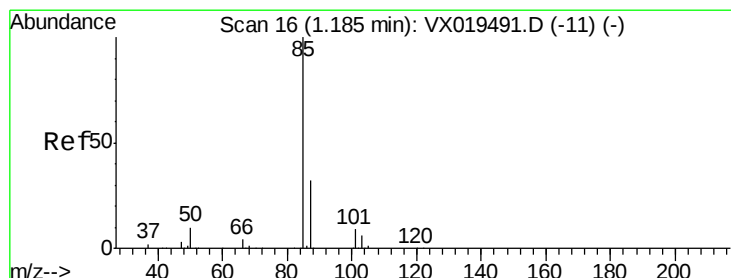
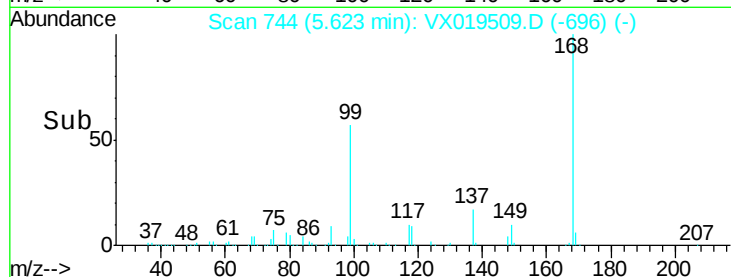
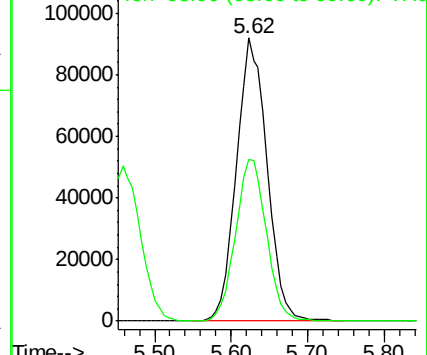
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.944 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019509.D

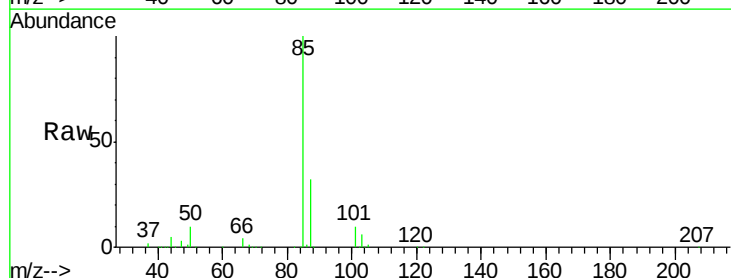
Acq: 20 Nov 2020 20:33

Tgt Ion: 85 Resp: 128545

Ion Ratio Lower Upper

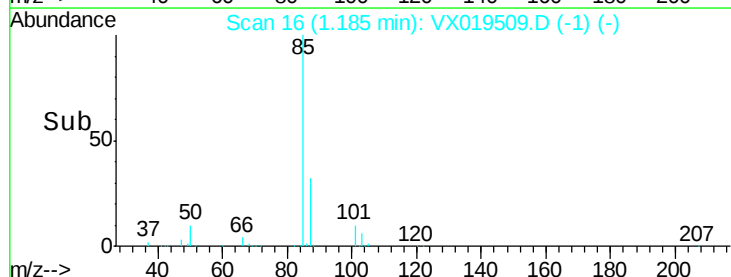
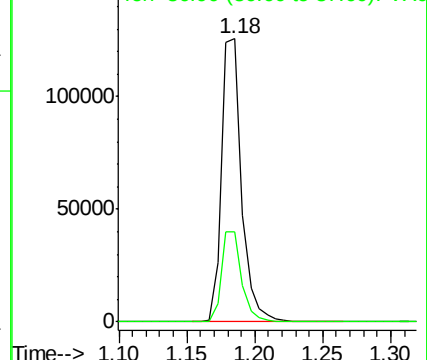
85 100

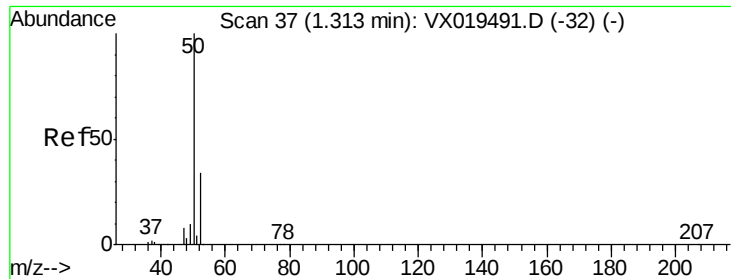
87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.437 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 143230

Ion Ratio Lower Upper

50 100

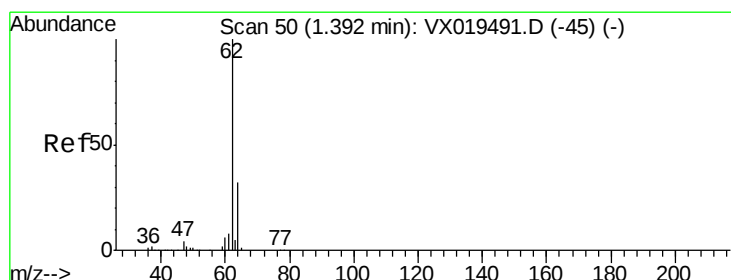
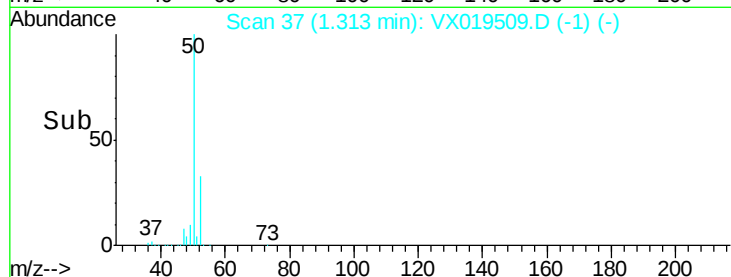
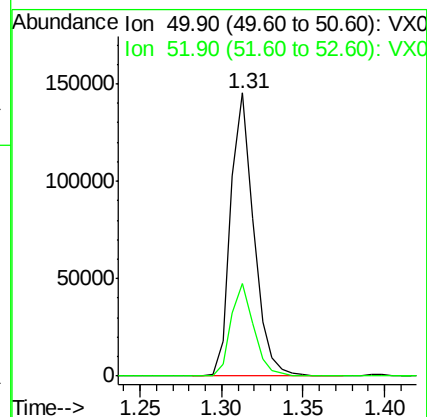
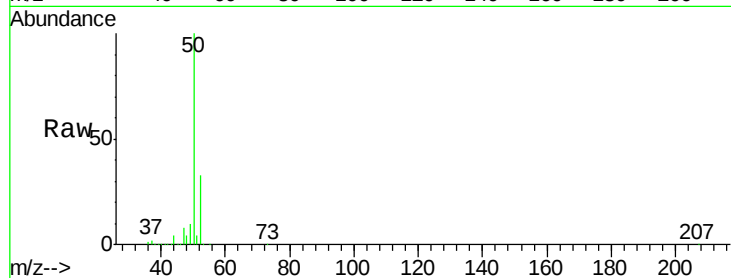
52 32.7 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.414 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019509.D

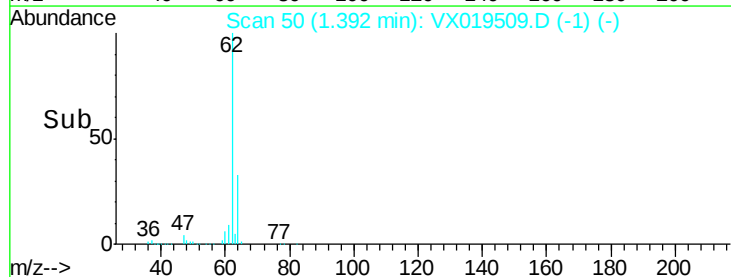
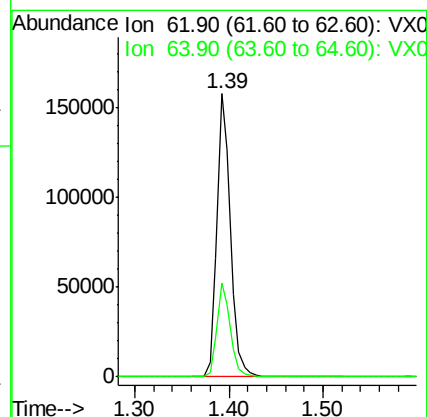
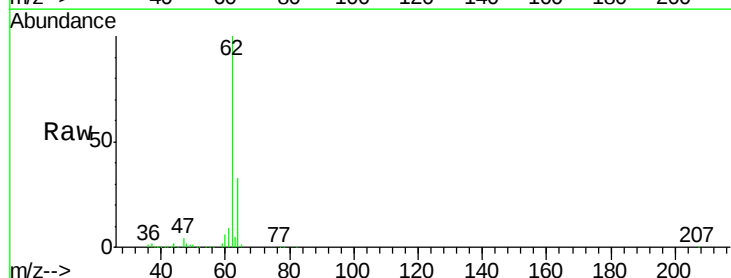
Acq: 20 Nov 2020 20:33

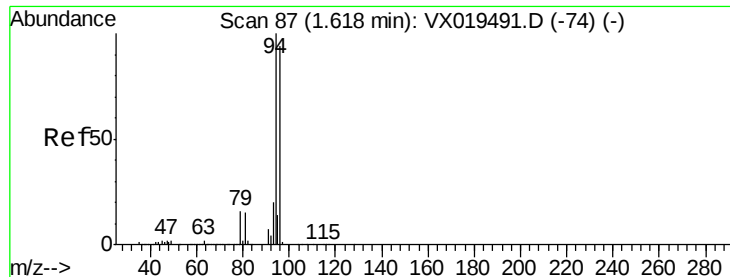
Tgt Ion: 62 Resp: 157169

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.2





#5

Bromomethane

Concen: 46.211 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 53507

Ion Ratio Lower Upper

94 100

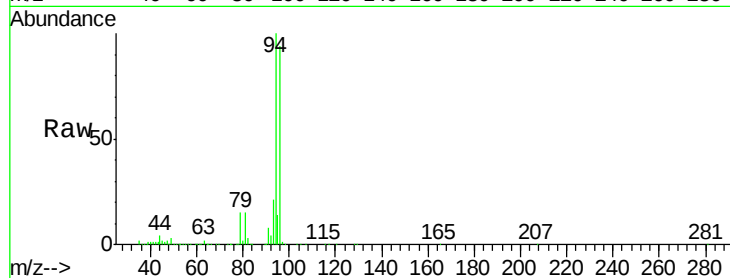
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Manual Integrations

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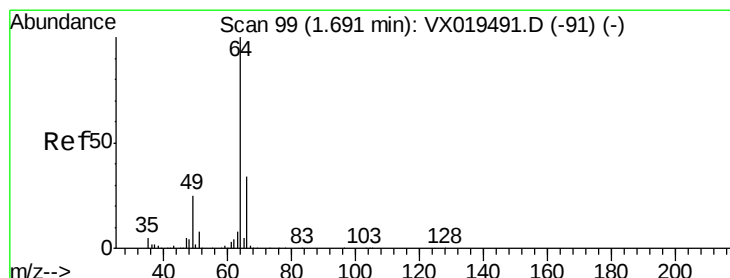
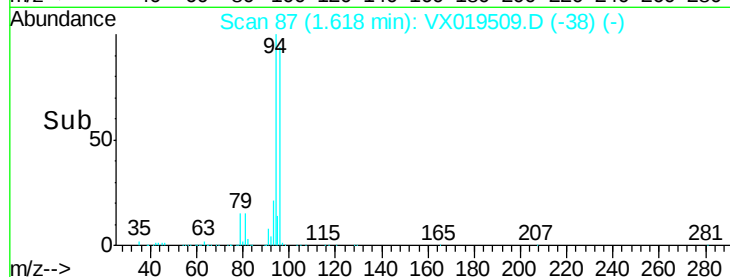
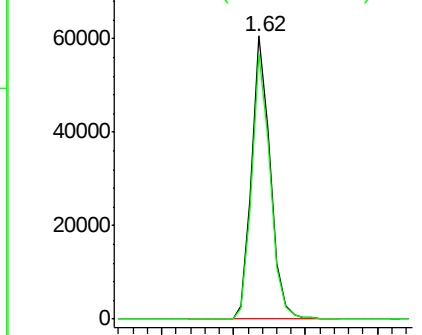
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.793 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019509.D

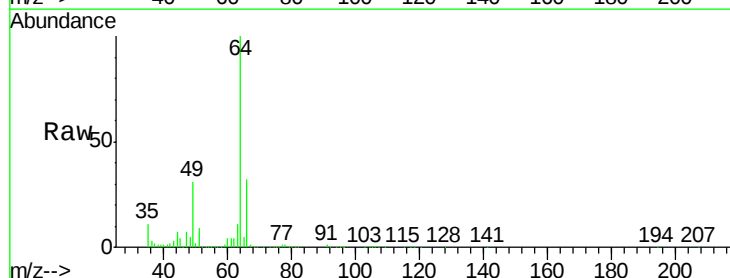
Acq: 20 Nov 2020 20:33

Tgt Ion: 64 Resp: 37776

Ion Ratio Lower Upper

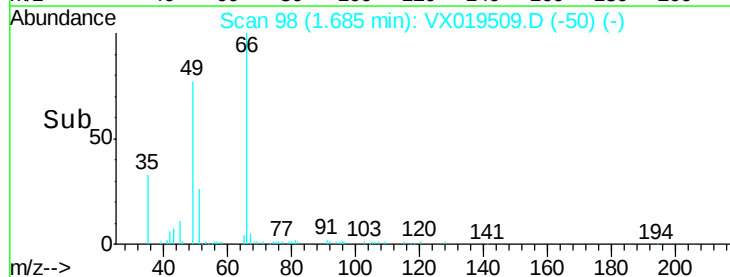
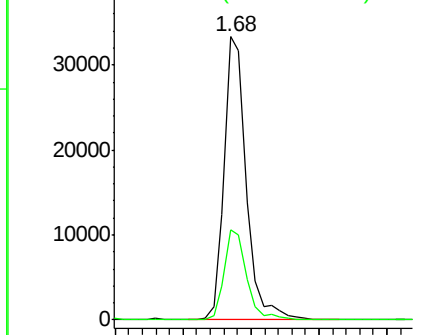
64 100

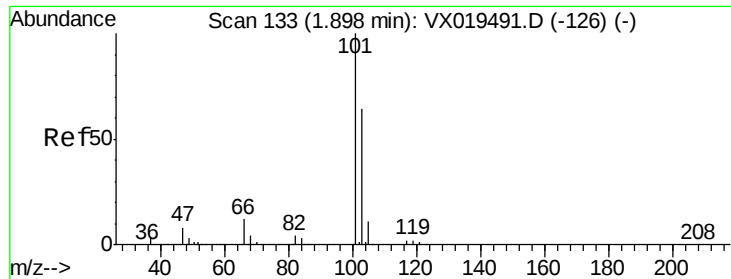
66 31.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

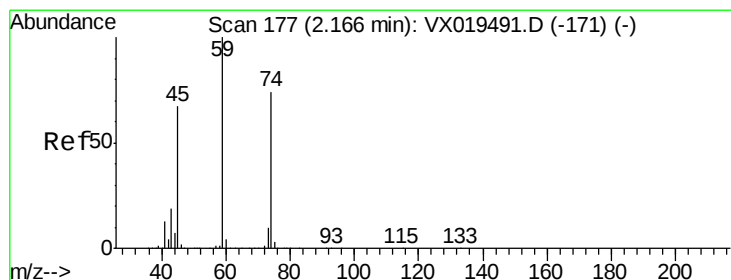
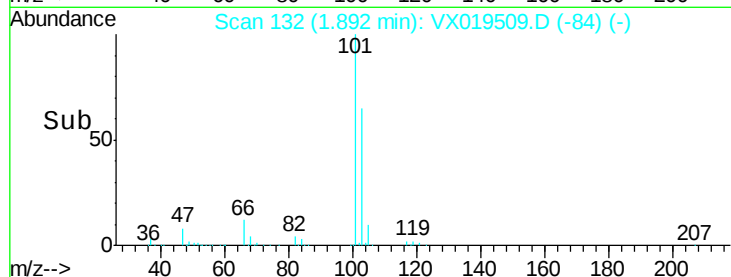
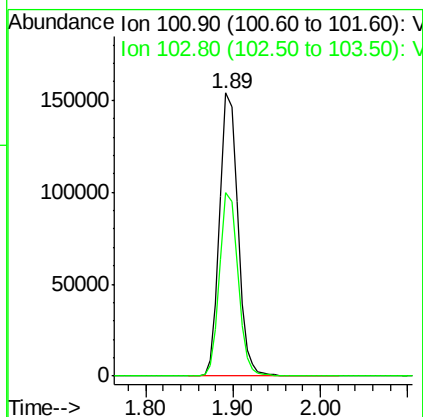
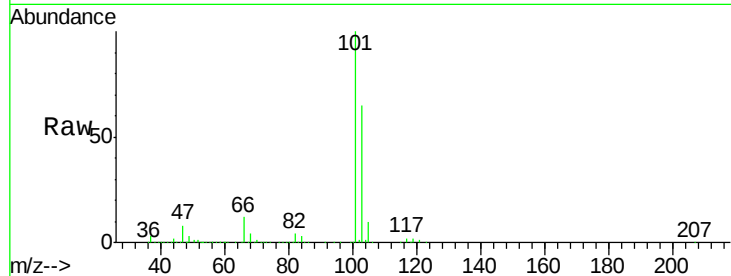
Trichlorofluoromethane
Concen: 50.528 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019509.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.9	76.3

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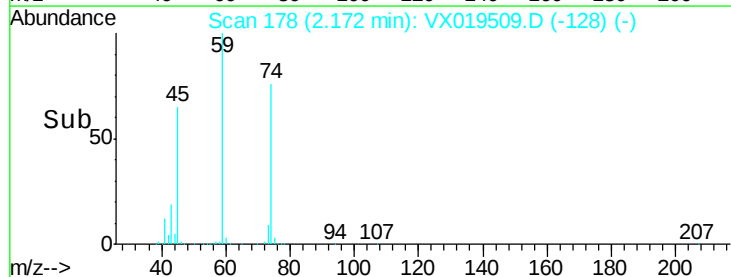
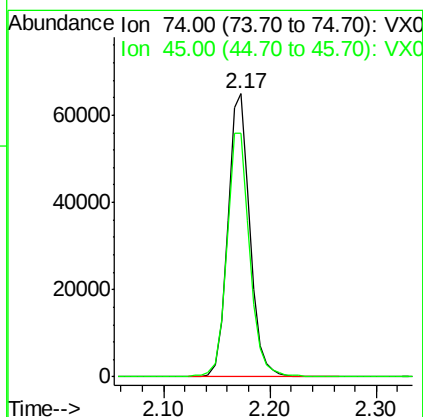
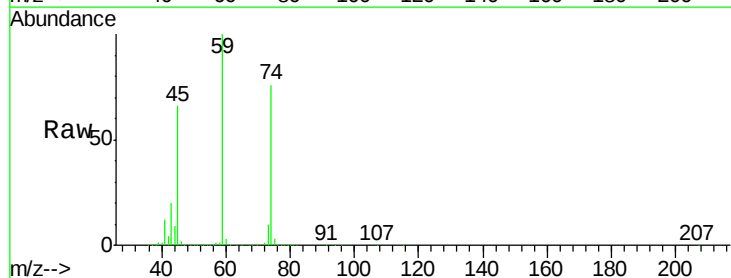
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11/23/2020 3:51:14 PM

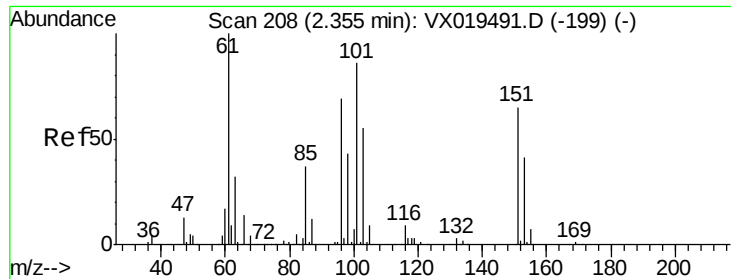


#8

Diethyl Ether
Concen: 53.077 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.951 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

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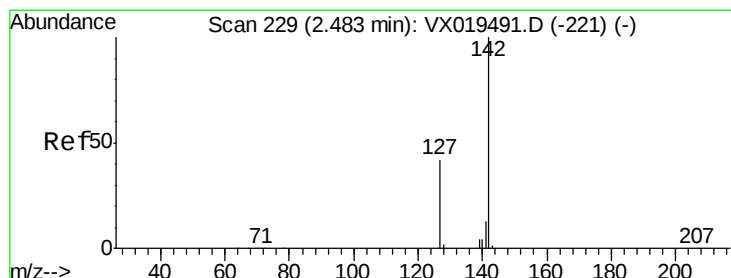
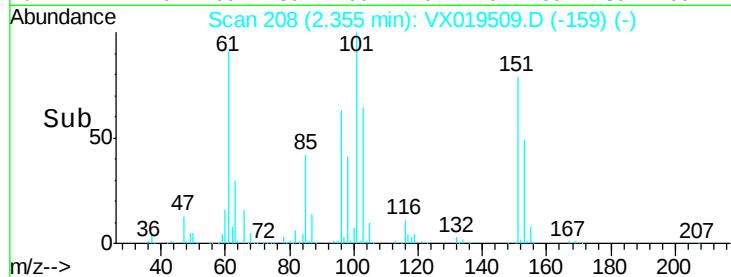
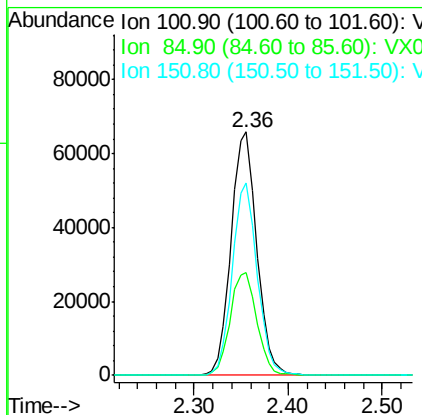
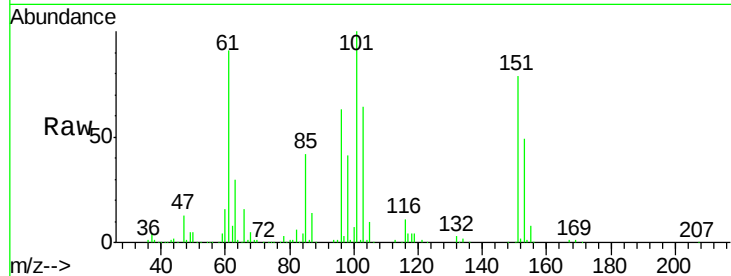
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	125416
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	76.6	60.9	91.3

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:51:14 PM



#10

Methyl Iodide

Concen: 47.966 ug/l

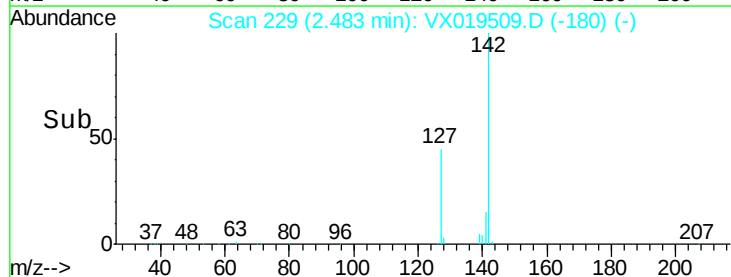
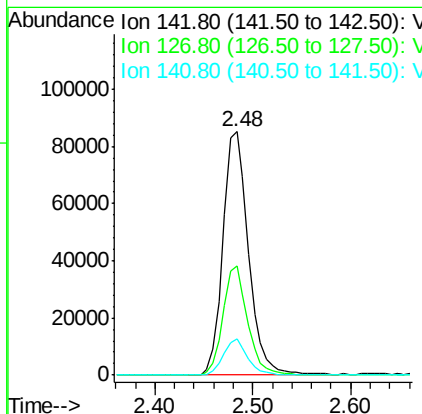
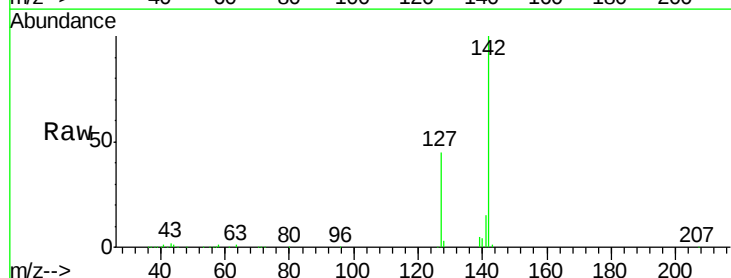
RT: 2.48 min Scan# 229

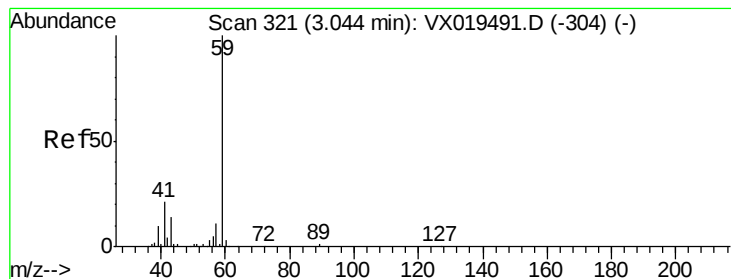
Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	142	Resp:	155109
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.8	50.6
141	14.1	11.0	16.6





#11

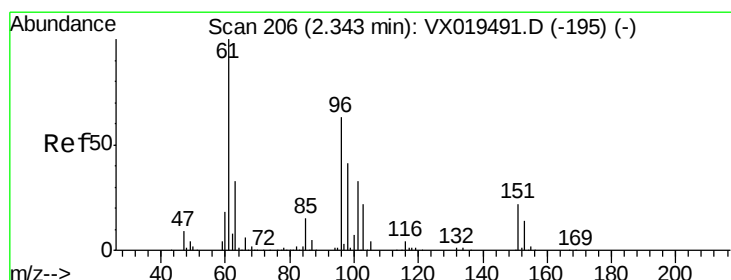
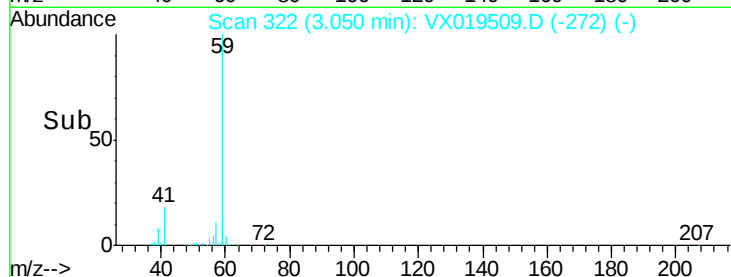
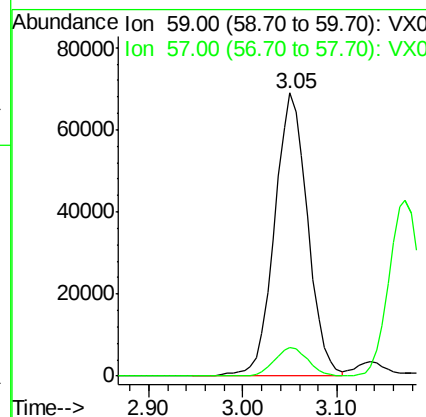
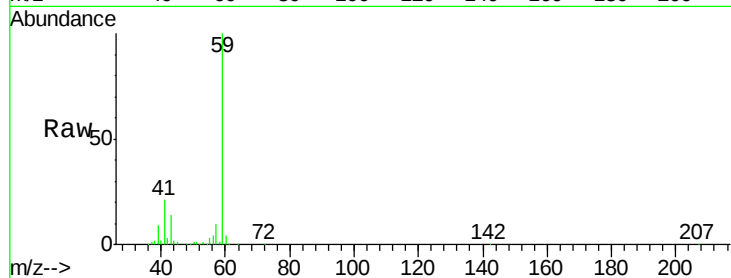
Tert butyl alcohol
Concen: 270.142 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	168688		
57	57	10.2		7.9	11.9

Manual Integrations
APPROVED

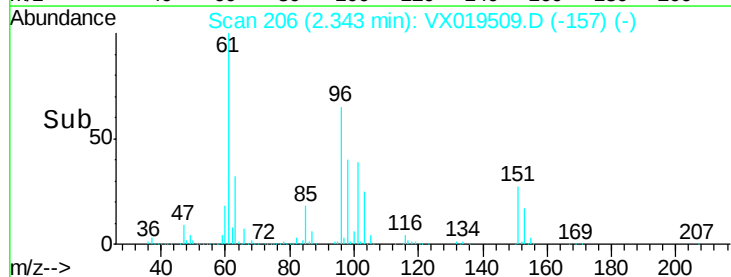
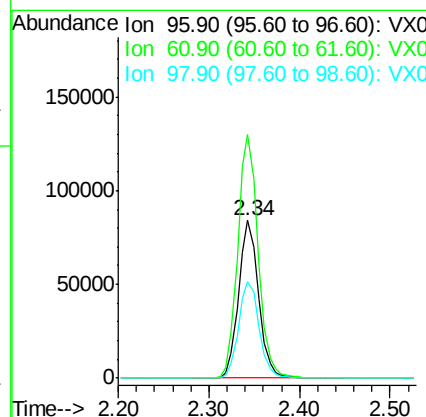
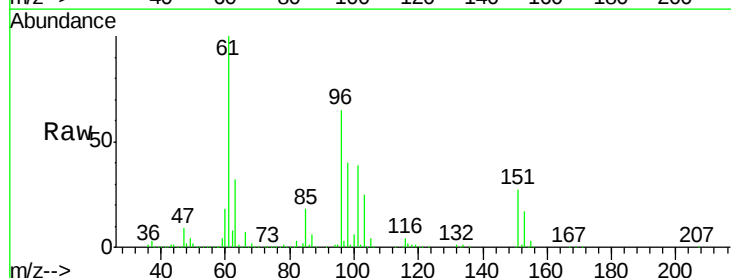
MMDadoda
11/23/2020 3:51:14 PM

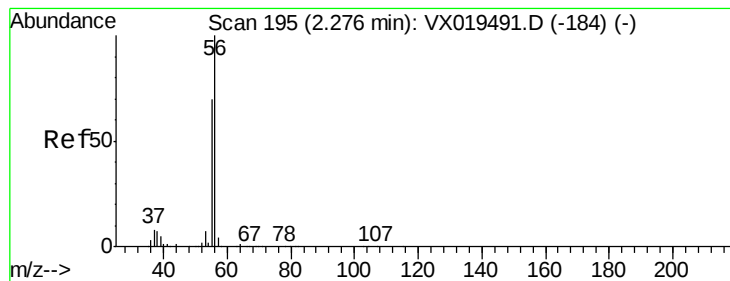


#12

1,1-Dichloroethene
Concen: 50.535 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	127675		
61	61	154.7		126.0	189.0
98	98	61.6		52.0	78.0





#13

Acrolein

Concen: 242.158 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 101645

Ion Ratio Lower Upper

56 100

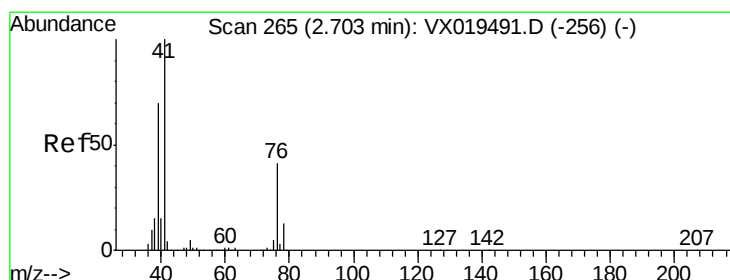
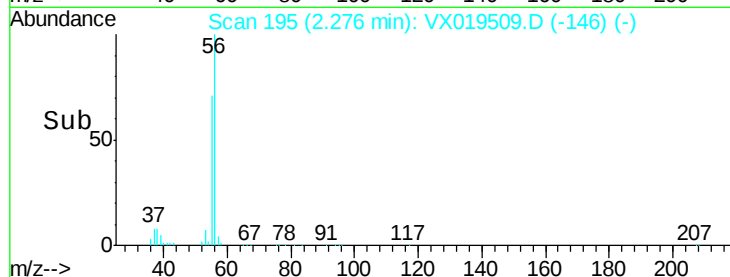
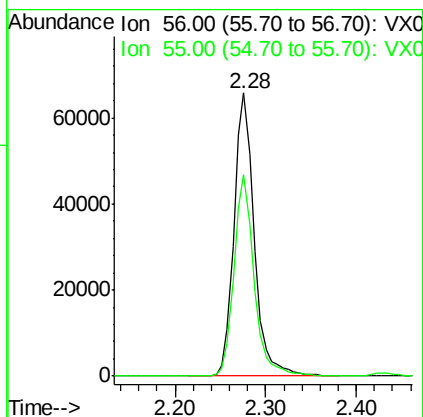
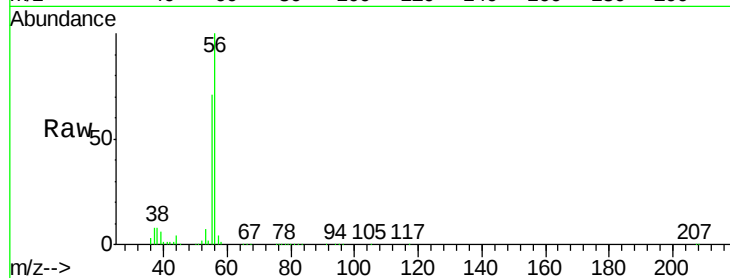
55 69.7 55.5 83.3

Manual Integrations

APPROVED

MMDadoda

11/23/2020 3:51:14 PM



#14

Allyl chloride

Concen: 50.451 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

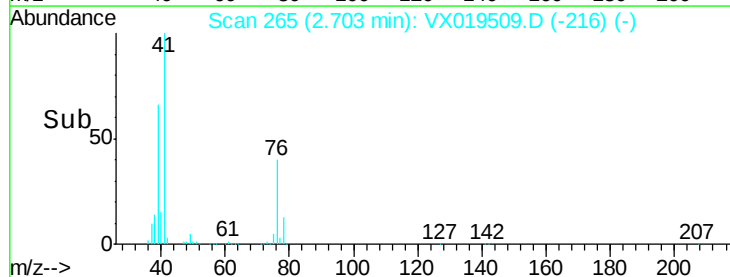
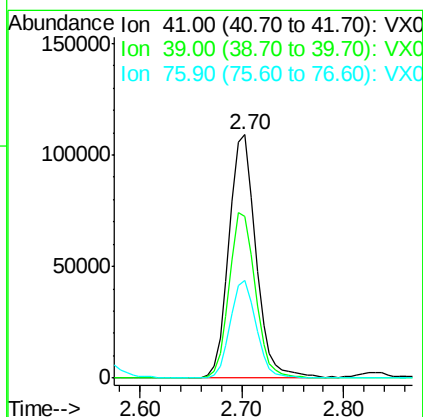
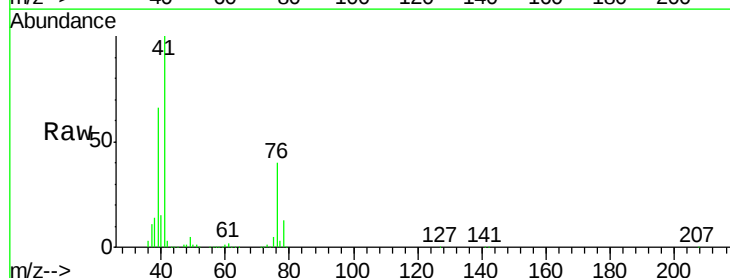
Tgt Ion: 41 Resp: 199680

Ion Ratio Lower Upper

41 100

39 65.9 53.0 79.4

76 38.7 31.0 46.6





#15

Acrylonitrile

Concen: 275.167 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

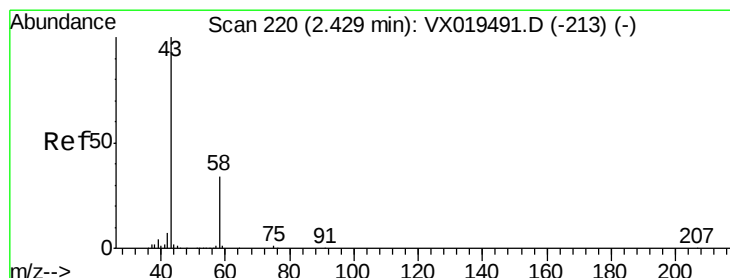
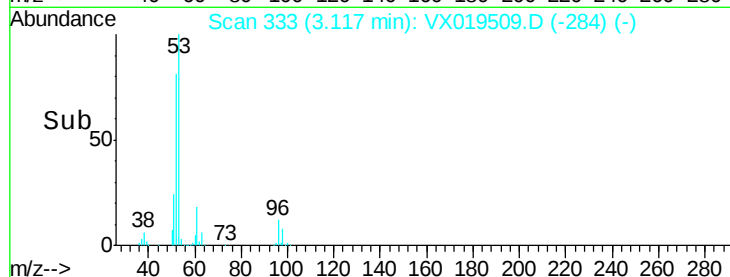
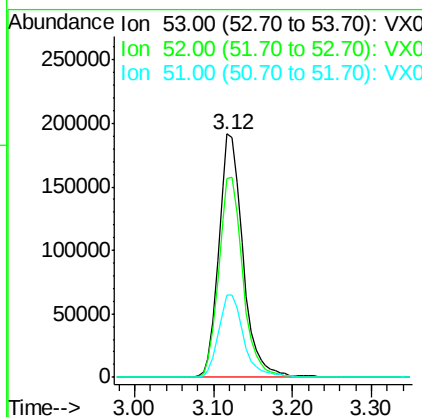
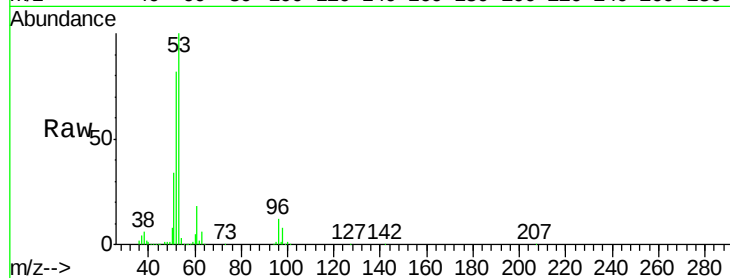
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	405225
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.2	99.2
51	35.1	28.5	42.7

Manual Integrations
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MMDadoda
11/23/2020 3:51:14 PM



#16

Acetone

Concen: 252.246 ug/l

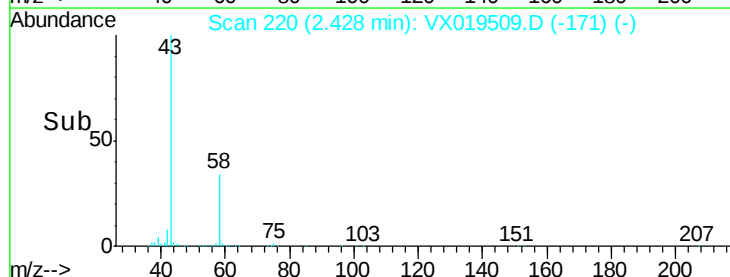
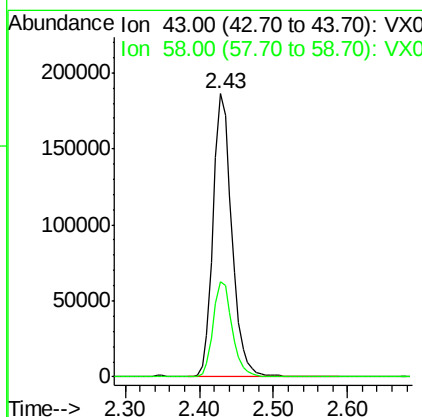
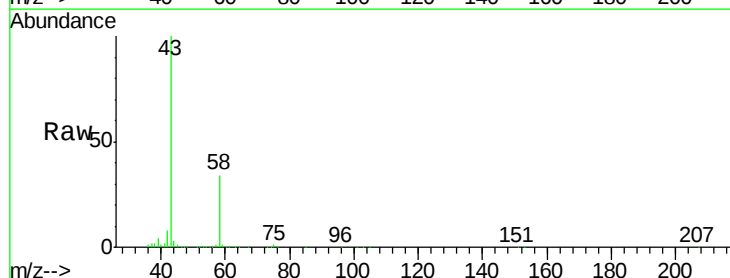
RT: 2.43 min Scan# 220

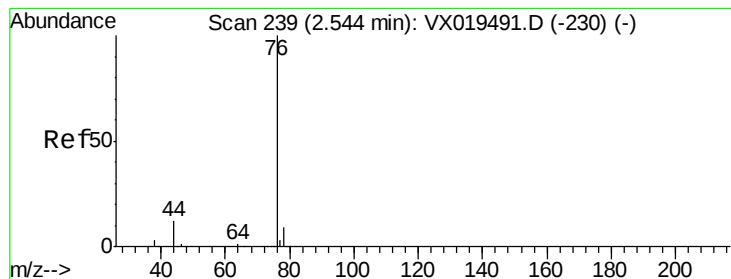
Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	43	Resp:	321864
Ion Ratio	Lower	Upper	
43	100		
58	33.8	27.4	41.2





#17

Carbon Disulfide

Concen: 47.745 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 324062

Ion Ratio Lower Upper

76 100

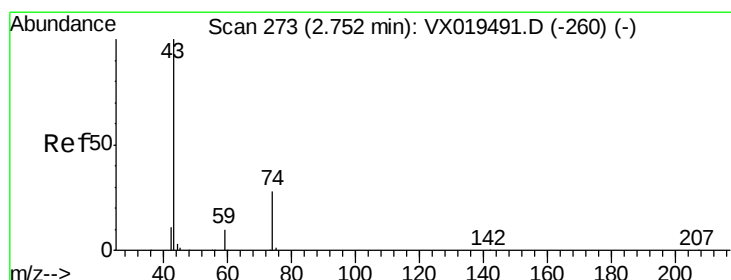
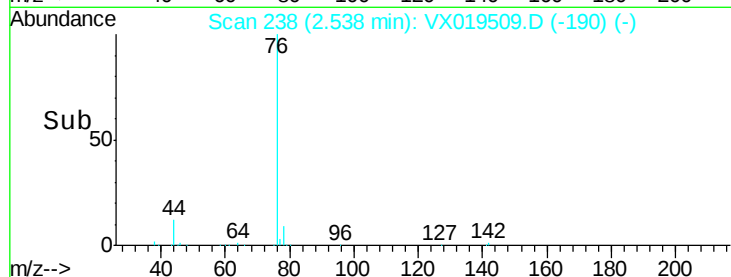
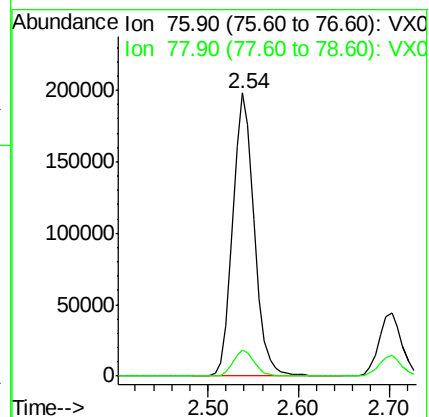
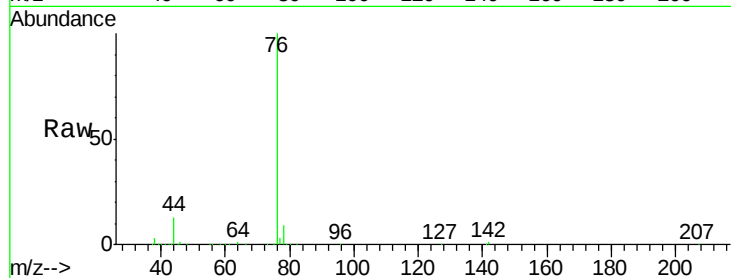
78 9.4 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

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#18

Methyl Acetate

Concen: 54.212 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019509.D

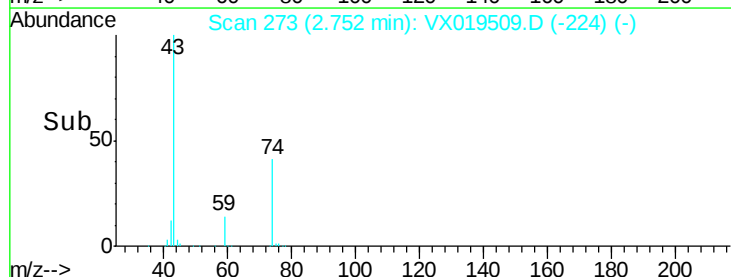
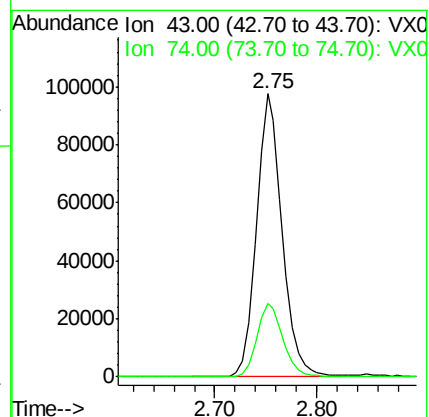
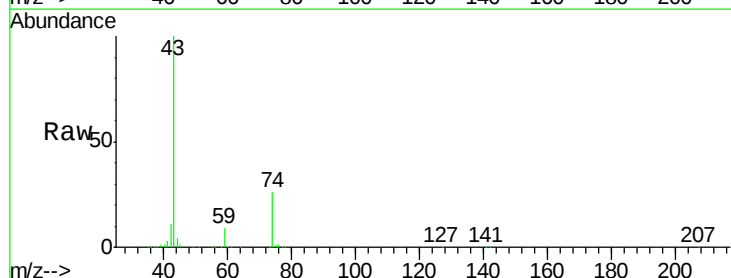
Acq: 20 Nov 2020 20:33

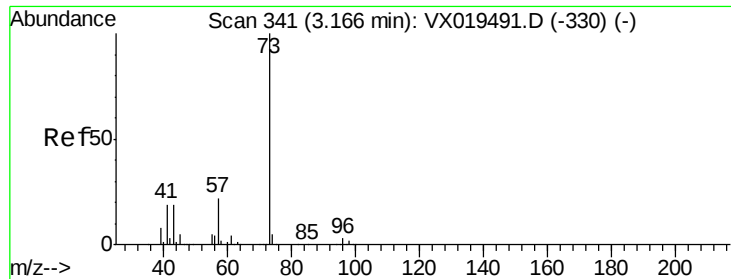
Tgt Ion: 43 Resp: 169777

Ion Ratio Lower Upper

43 100

74 26.8 22.2 33.4





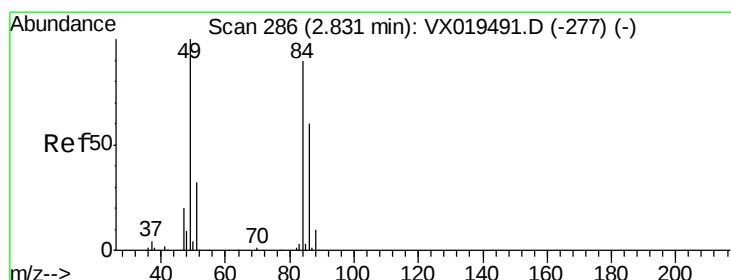
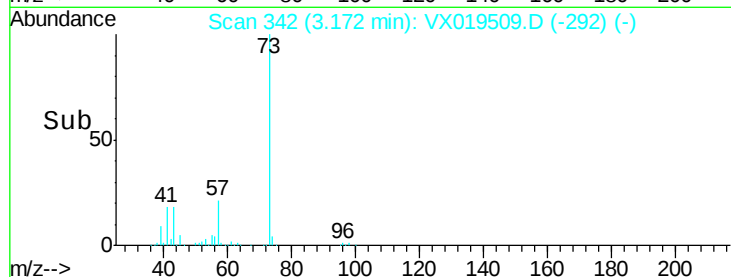
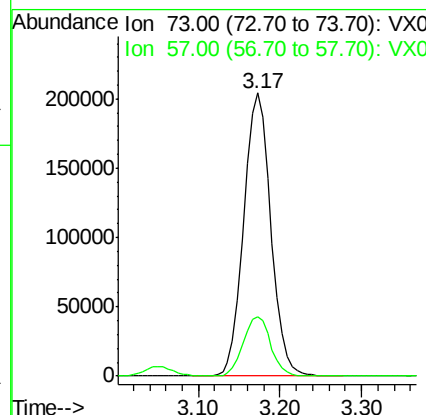
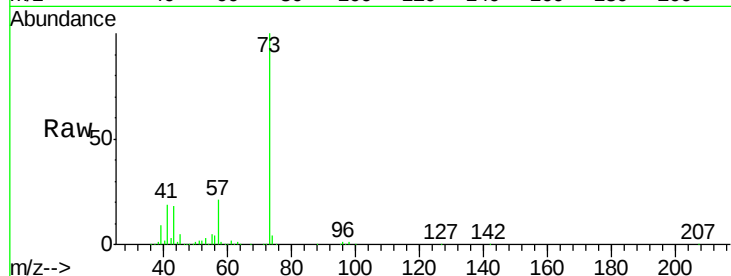
#19
Methvl tert-butvl Ether
Concen: 53.835 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.3	25.9

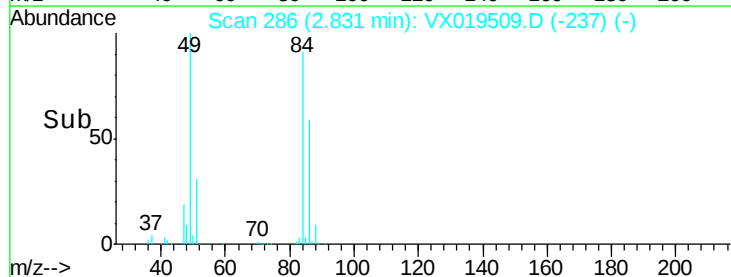
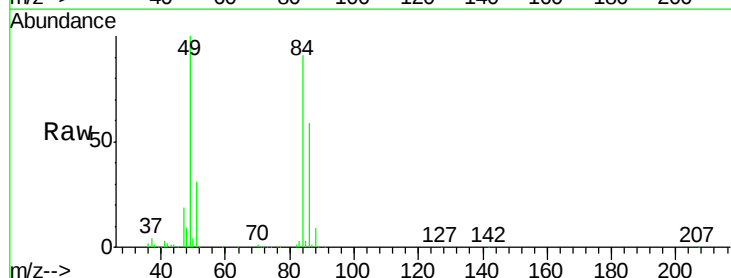
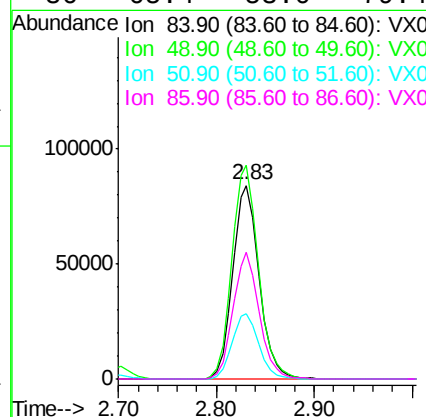
Manual Integrations
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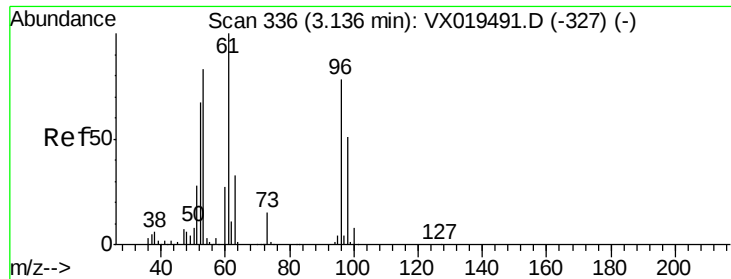
MMDadoda
11/23/2020 3:51:14 PM



#20
Methylene Chloride
Concen: 49.354 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.4	88.5	132.7
51	33.9	28.0	42.0
86	65.4	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 51.229 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

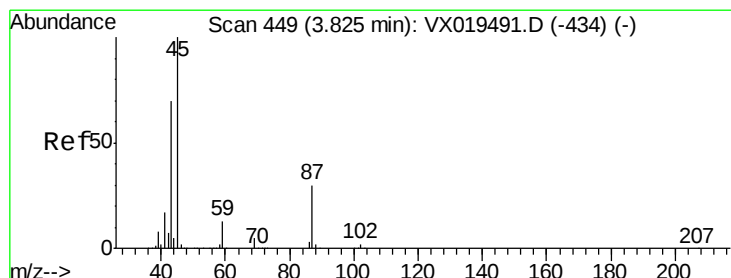
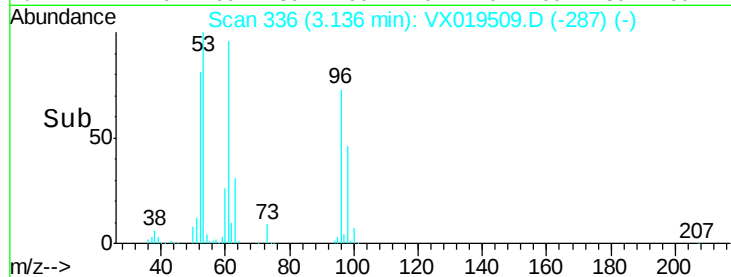
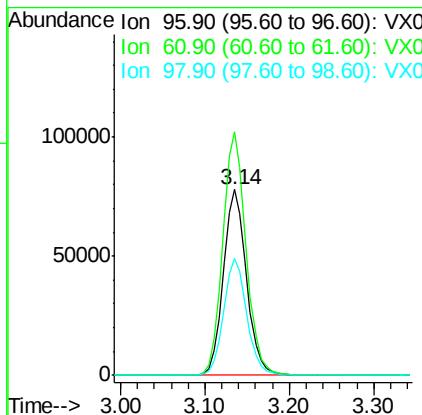
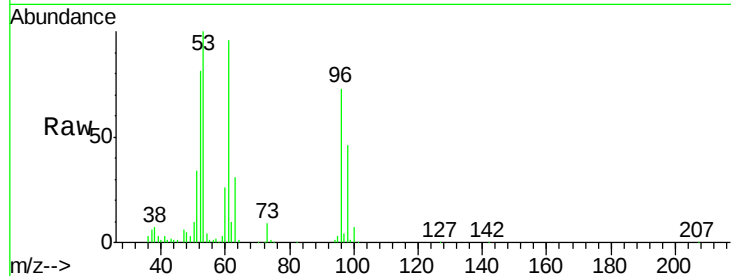
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	146641
Ion	Ratio	Lower	Upper
96	100		
61	131.0	102.9	154.3
98	62.6	52.1	78.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:51:14 PM



#22

Diisopropyl ether

Concen: 53.704 ug/l

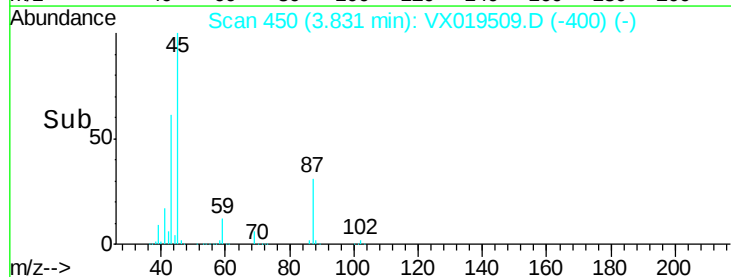
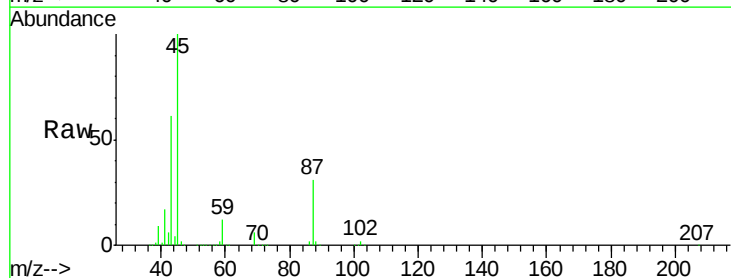
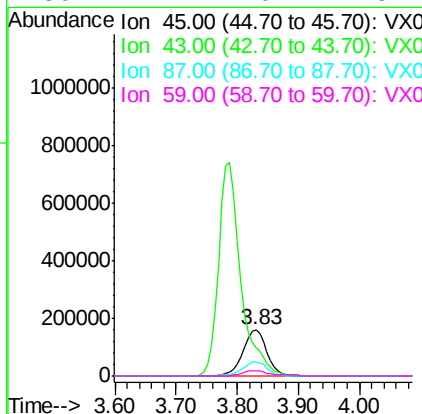
RT: 3.83 min Scan# 450

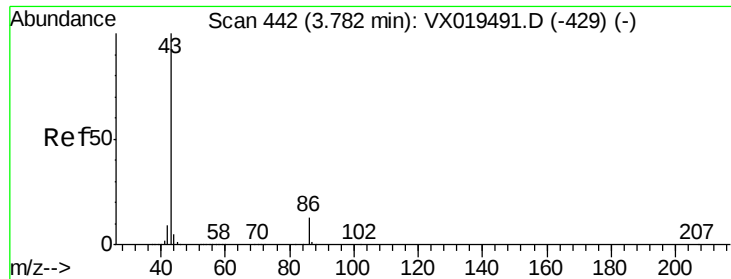
Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	45	Resp:	439707
Ion	Ratio	Lower	Upper
45	100		
43	60.9	56.1	84.1
87	31.5	24.2	36.2
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 275.796 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1894086

Ion Ratio Lower Upper

43 100

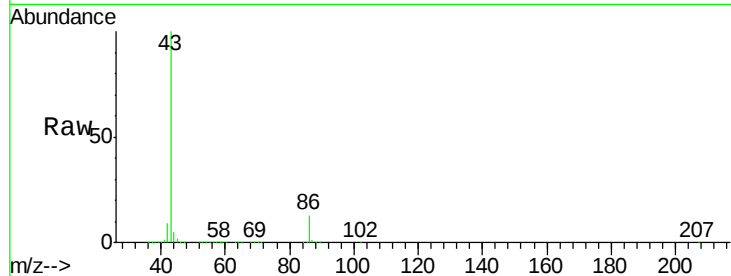
86 12.8 10.2 15.2

Manual Integrations

APPROVED

MMDadoda

11/23/2020 3:51:14 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

600000

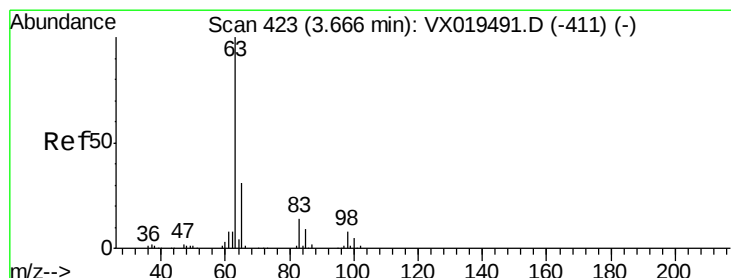
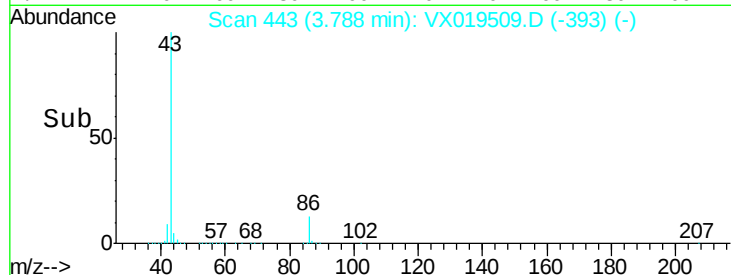
400000

200000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.562 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

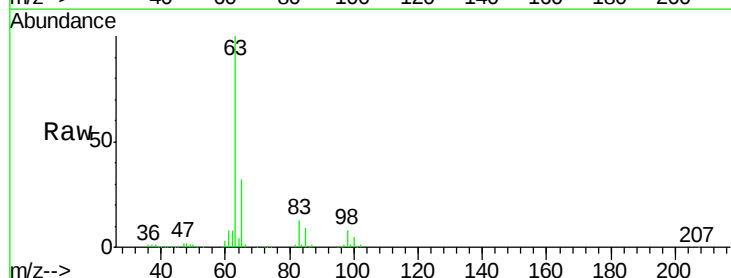
Tgt Ion: 63 Resp: 263230

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

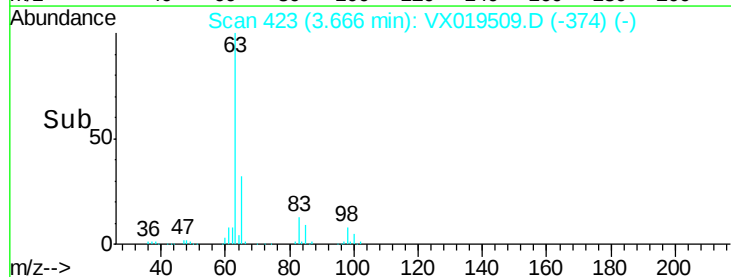
100000

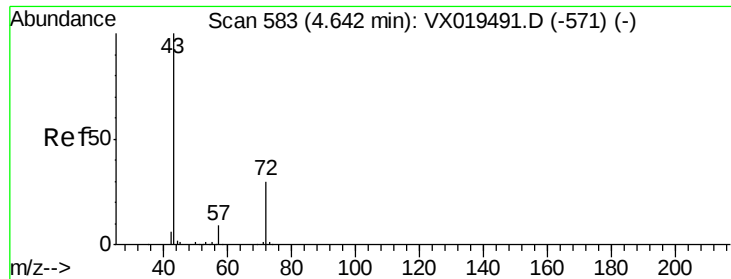
50000

0

3.50 3.60 3.70 3.80

Time-->





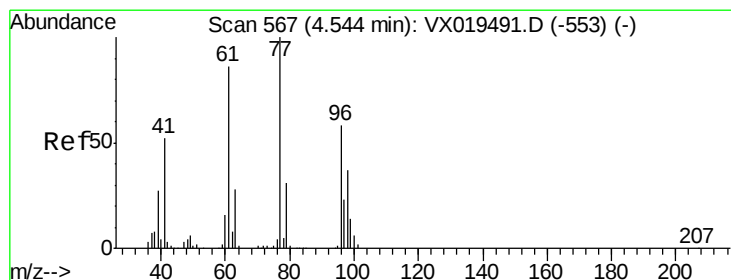
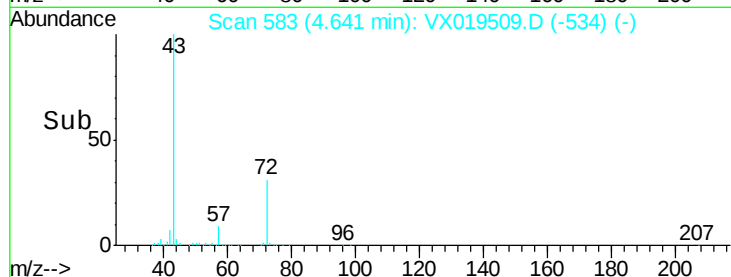
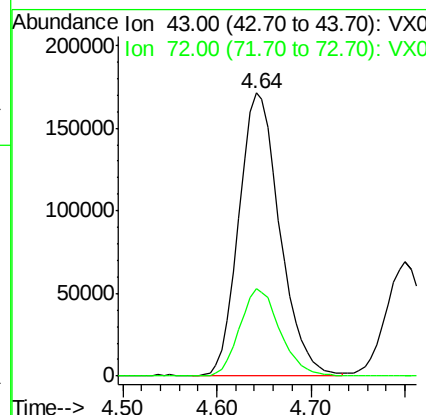
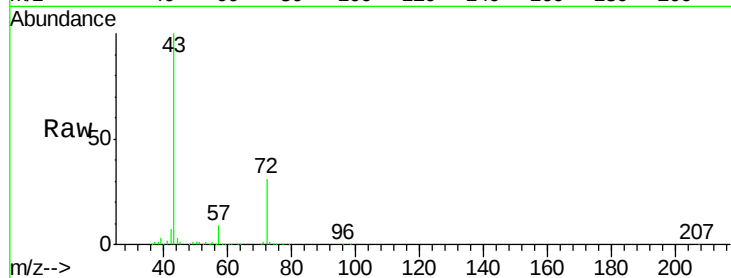
#25
2-Butanone
Concen: 270.745 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	30.6	24.0	36.0

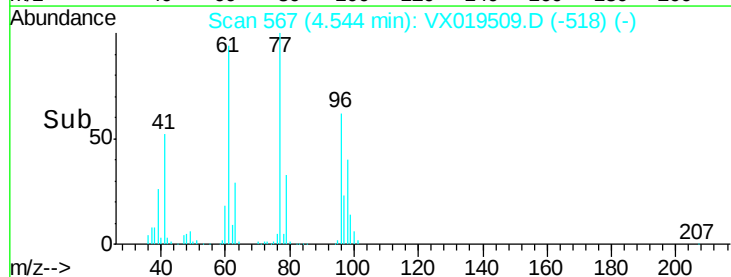
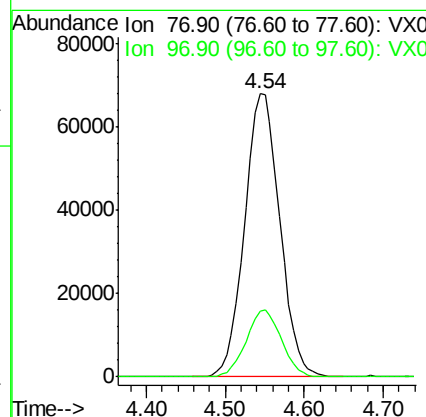
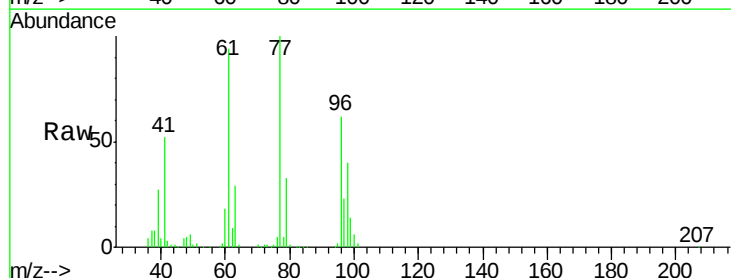
Manual Integrations
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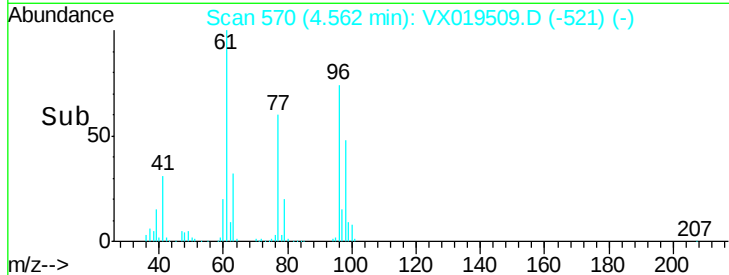
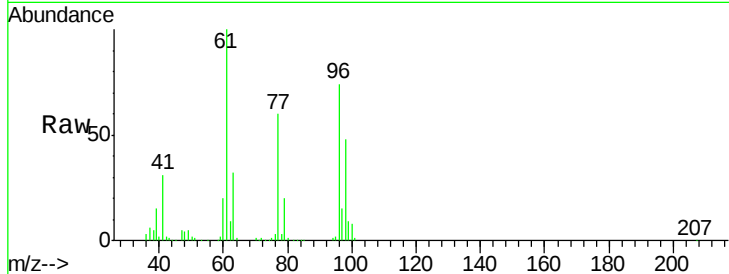
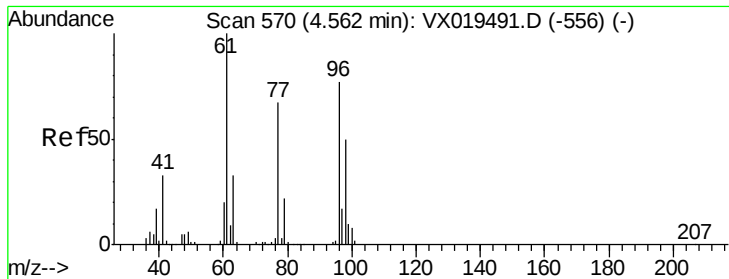
MMDadoda
11/23/2020 3:51:14 PM



#26
2,2-Dichloropropane
Concen: 48.281 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.6	11.6	34.8





#27

cis-1,2-Dichloroethene

Concen: 52.177 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tot Ion:	96	Resp:	171560
Ion Ratio	Lower	Upper	
96	100		
61	138.9	0.0	279.2
98	64.5	0.0	129.8

Instrument :

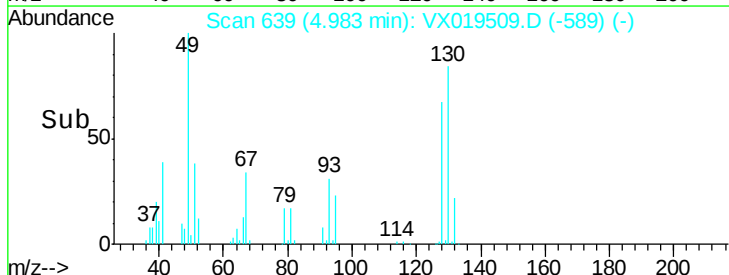
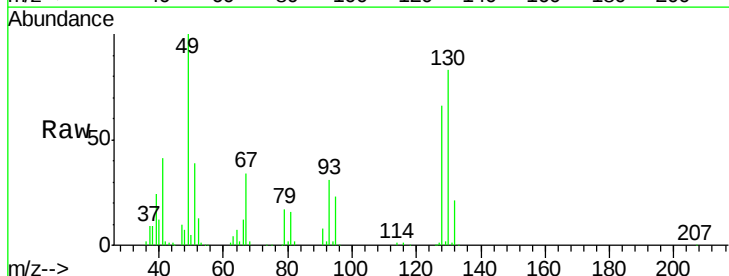
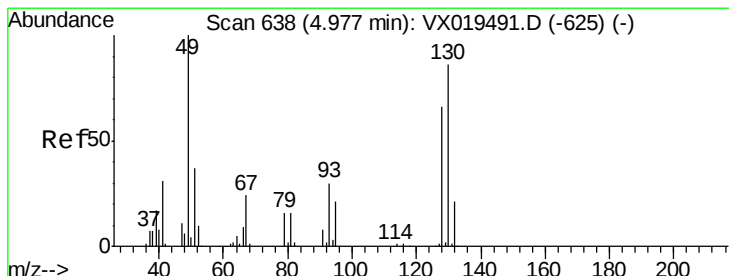
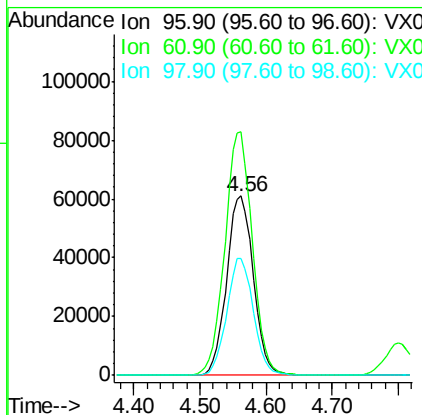
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 47.756 ug/l

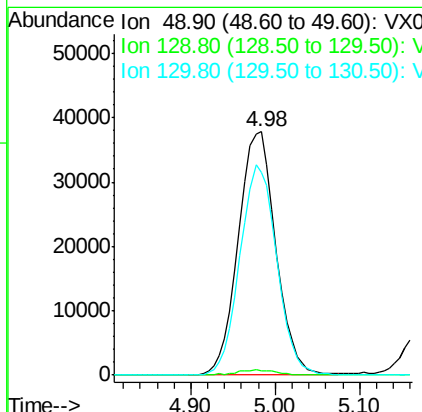
RT: 4.98 min Scan# 639

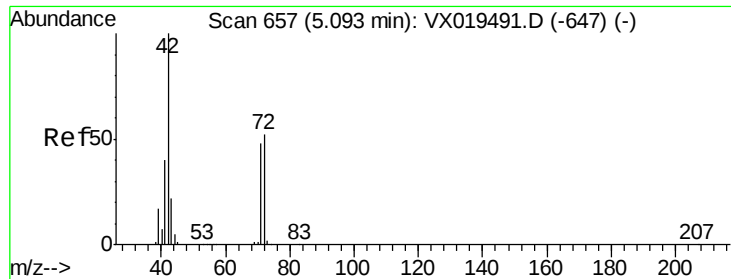
Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	49	Resp:	114344
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.2
130	84.8	69.0	103.6





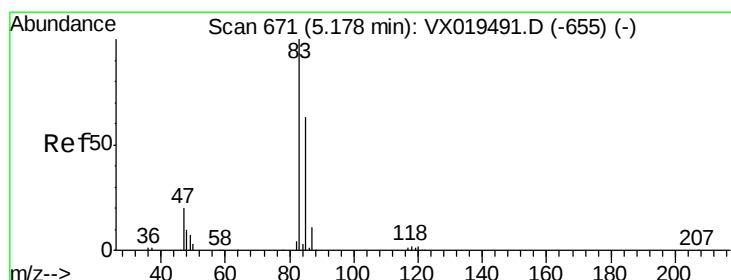
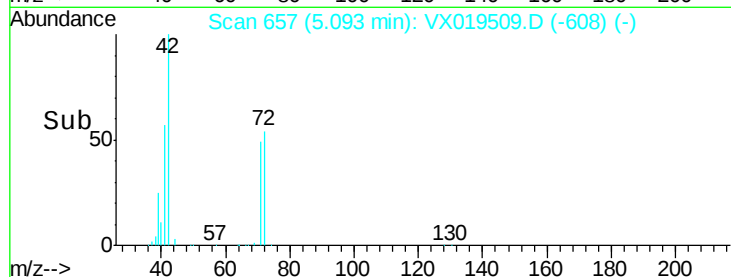
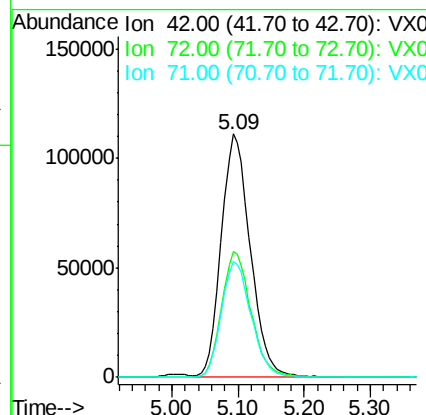
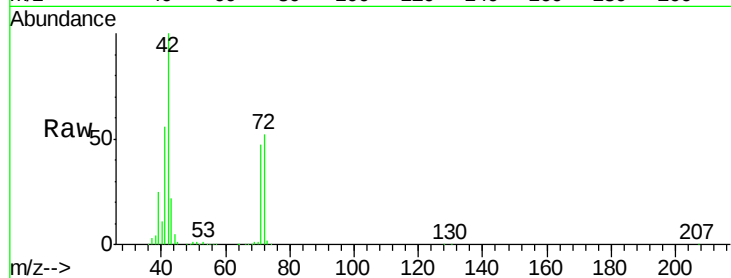
#29
Tetrahydrofuran
Concen: 275.627 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.0	42.6	63.8
71	48.9	39.0	58.6

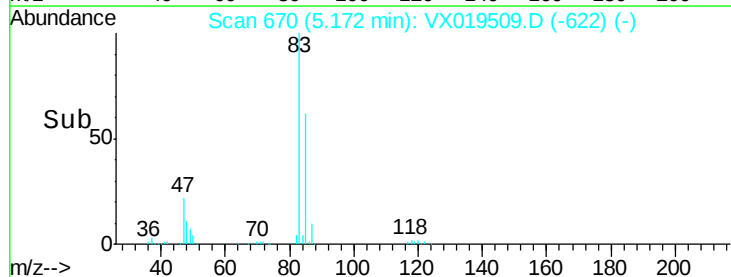
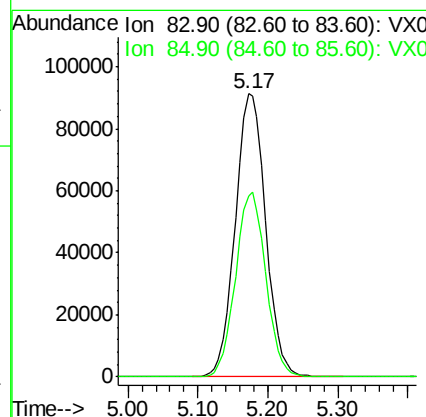
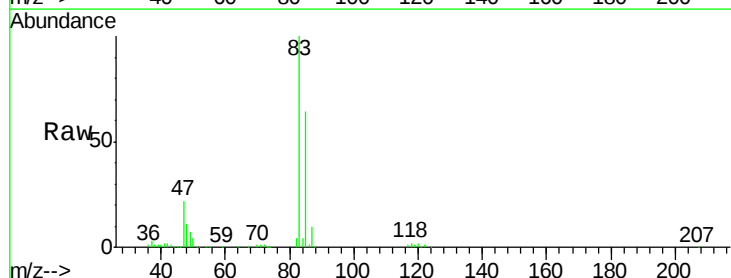
Manual Integrations
APPROVED

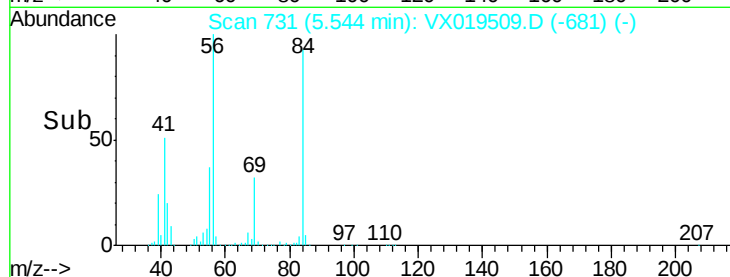
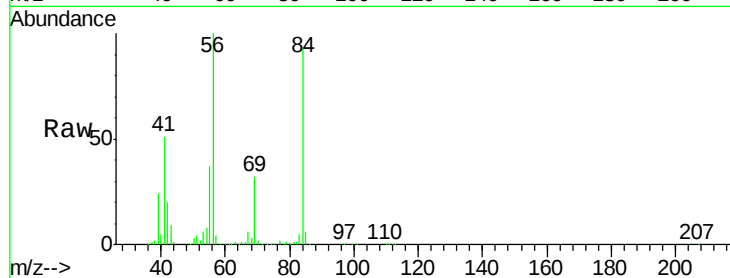
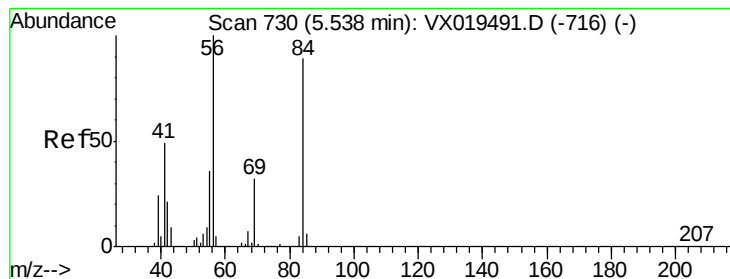
MMDadoda
11/23/2020 3:51:14 PM



#30
Chloroform
Concen: 52.625 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.5	75.7





#31

Cyclohexane

Concen: 51.483 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.5	38.3
84	91.2	71.1	106.7

Instrument :

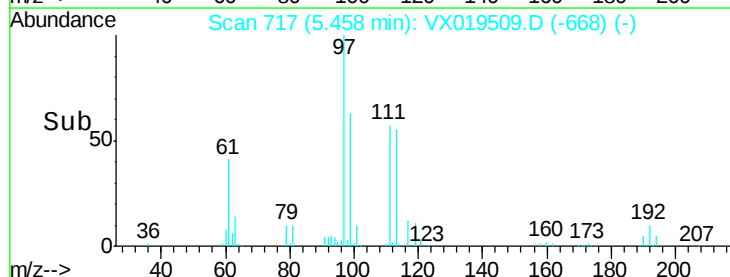
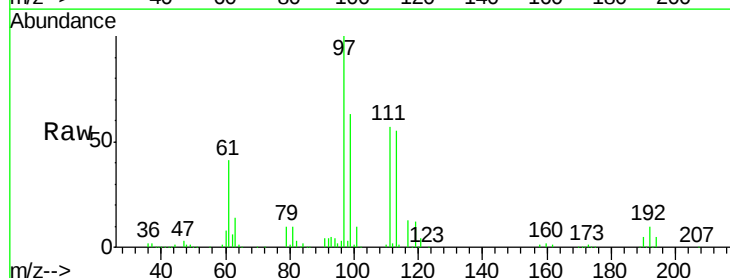
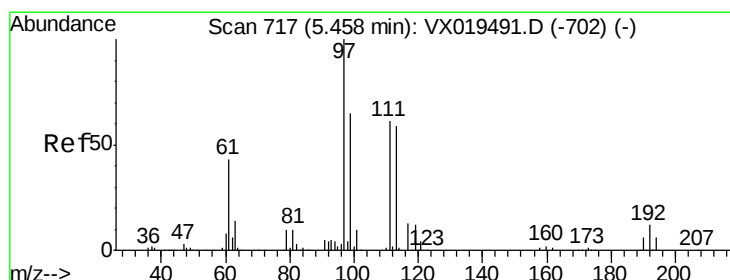
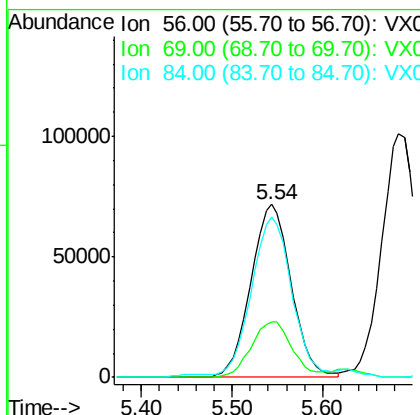
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.635 ug/l

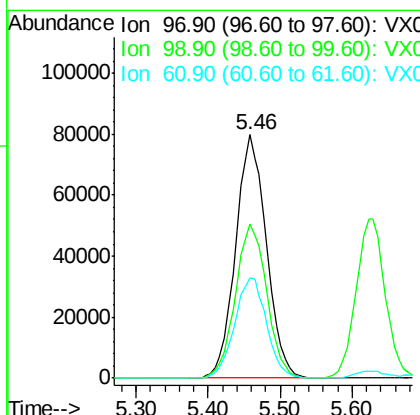
RT: 5.46 min Scan# 717

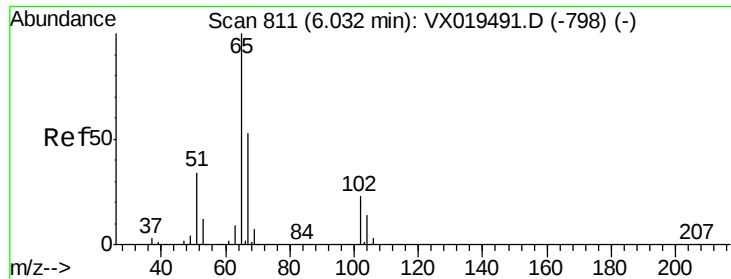
Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	42.8	34.2	51.2





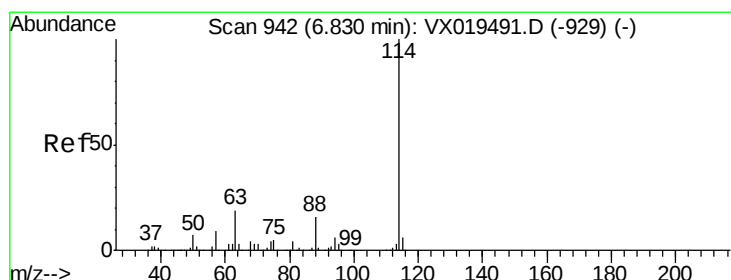
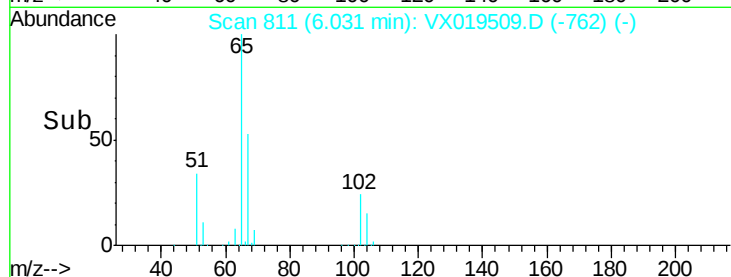
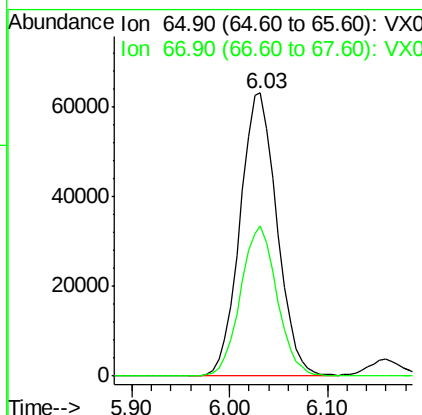
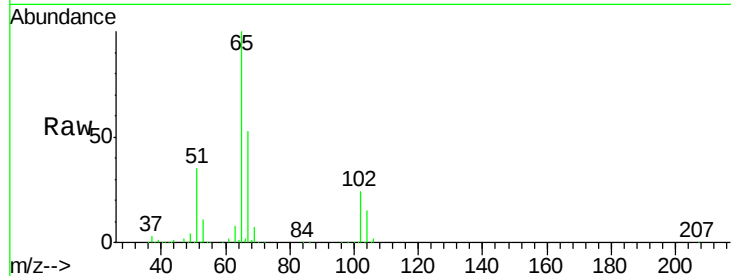
#33
 1,2-Dichloroethane-d4
 Concen: 50.203 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165648		
67	52.5	0.0	105.0	

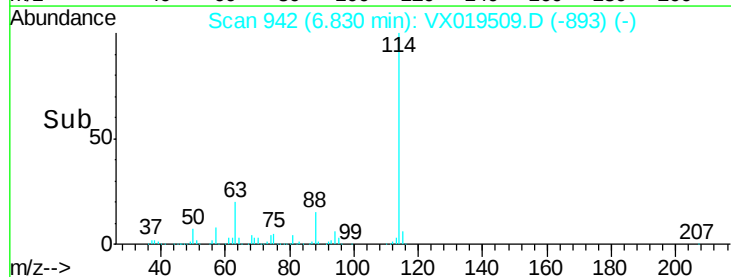
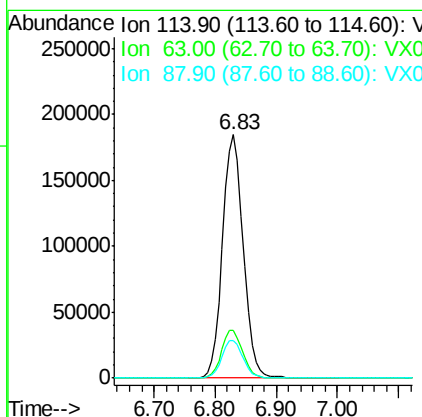
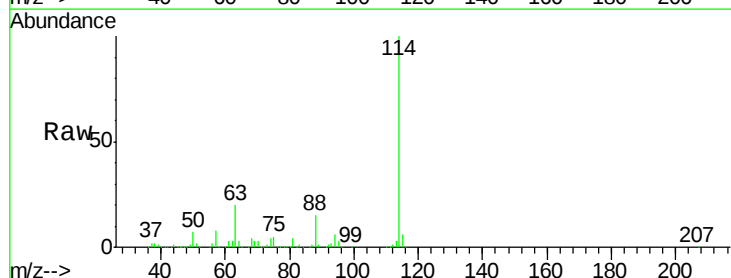
Manual Integrations
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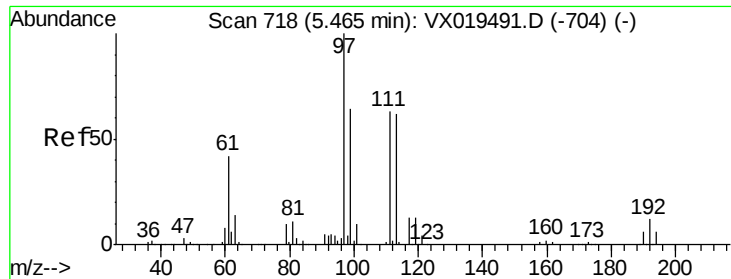
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	434193		
63	19.6	0.0	38.8	
88	15.5	0.0	31.6	





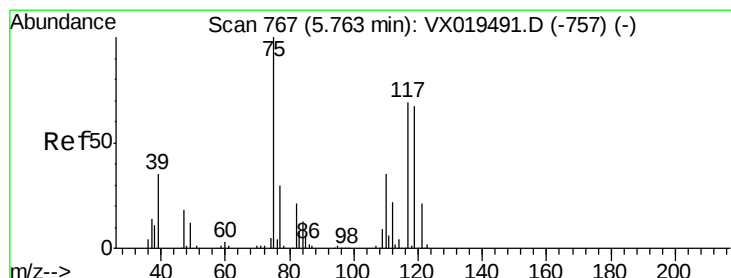
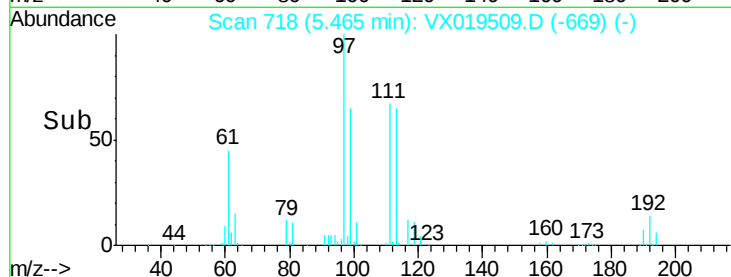
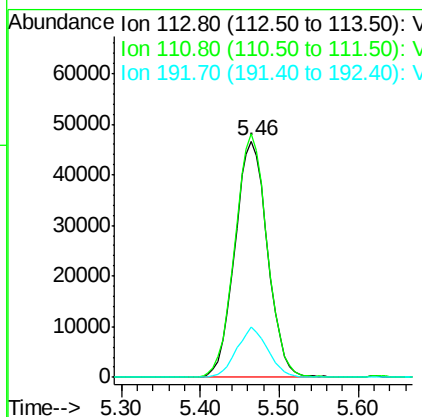
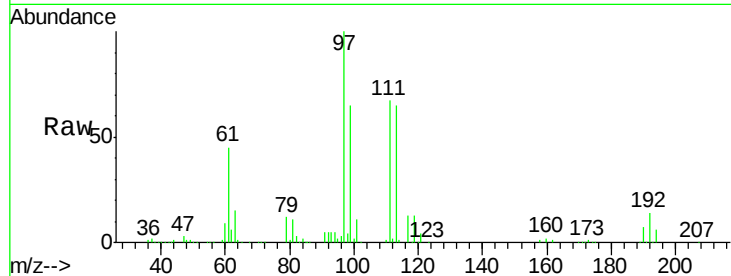
#35
Dibromofluoromethane
Concen: 49.294 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134348		
111	102.3	81.5	122.3	
192	20.1	16.2	24.2	

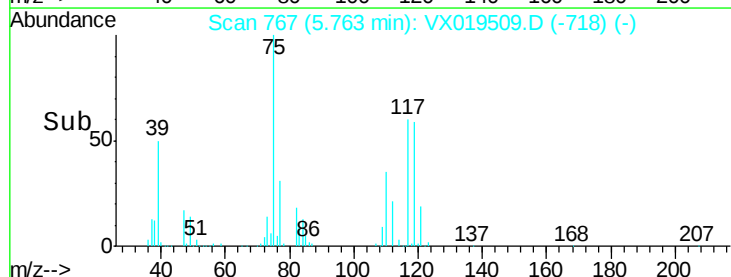
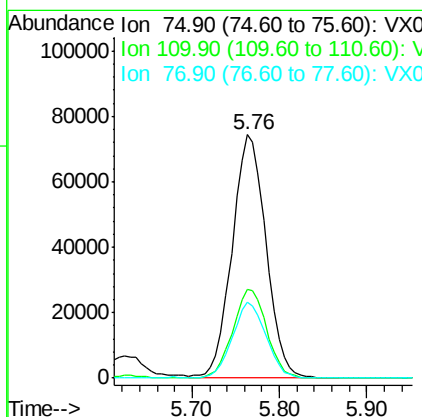
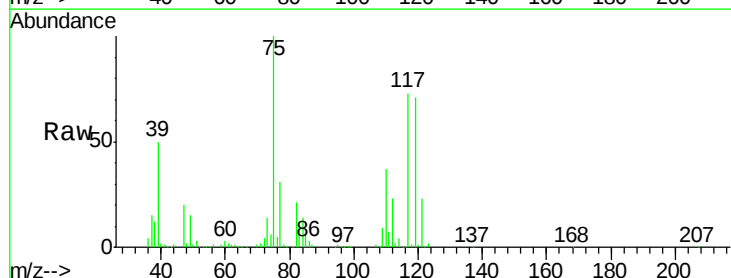
Manual Integrations
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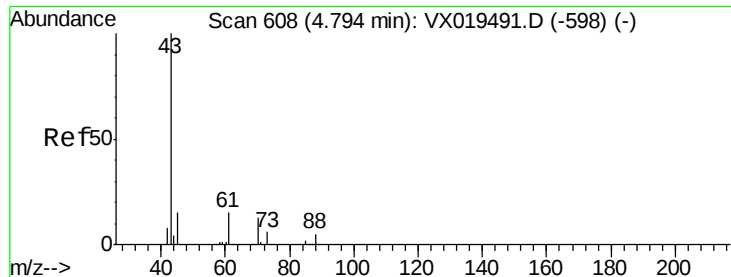
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.974 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	199352		
110	36.7	18.1	54.3	
77	30.8	24.2	36.4	





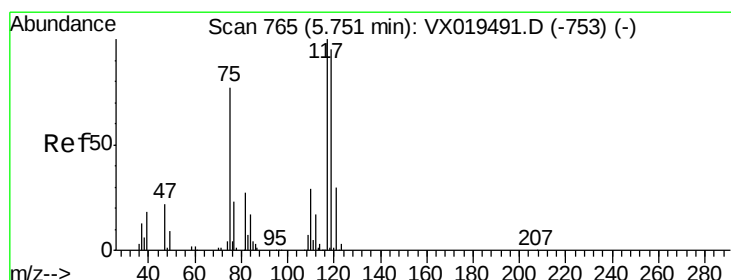
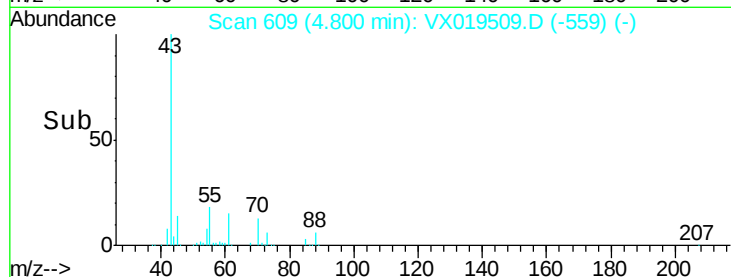
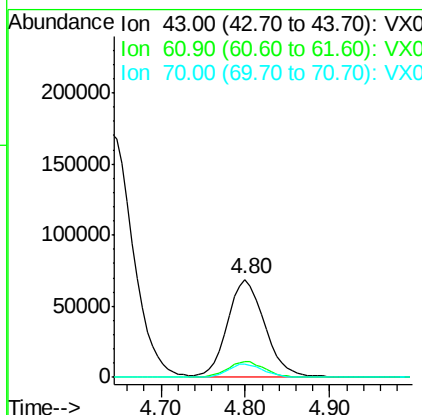
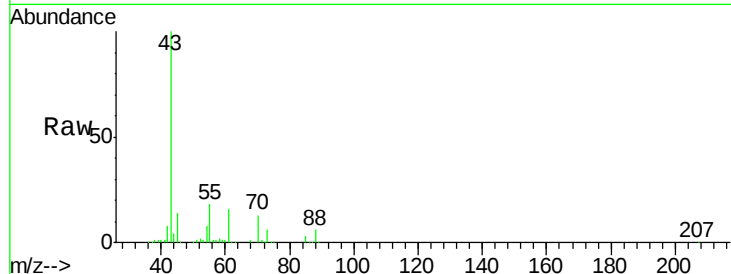
#37
Ethyl Acetate
Concen: 53.370 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.7	19.1
70	13.0	10.2	15.2

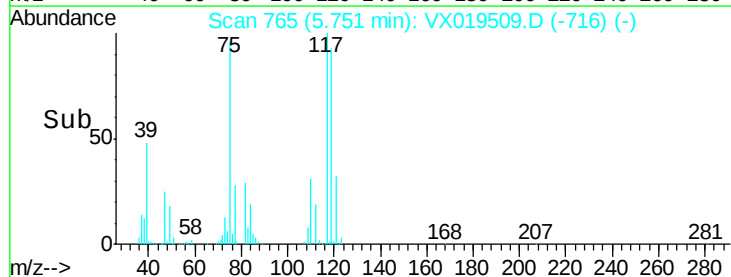
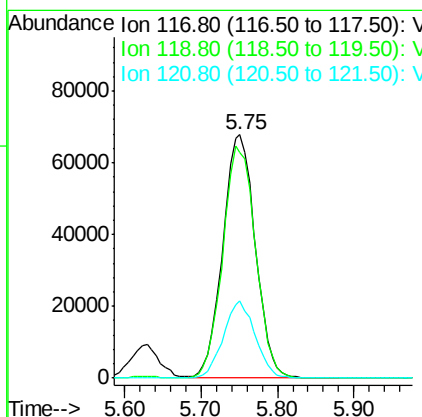
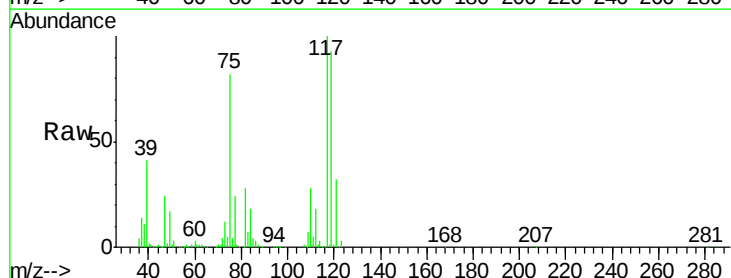
Manual Integrations
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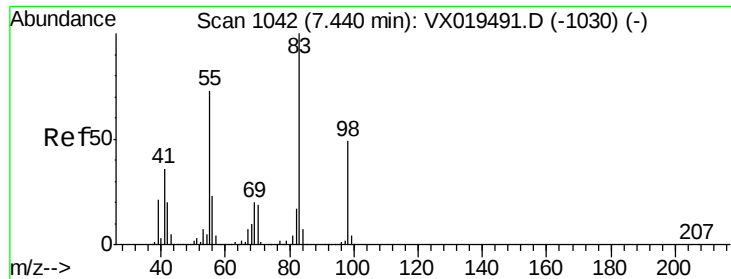
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.611 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.9	113.9
121	31.6	24.0	36.0





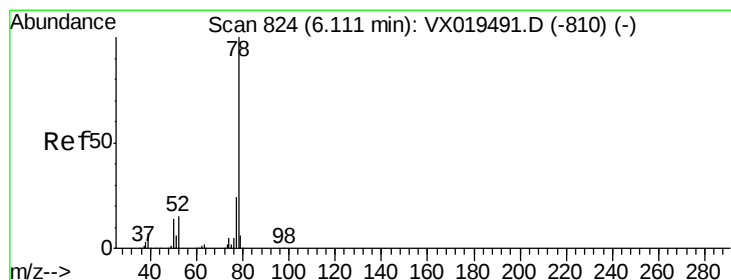
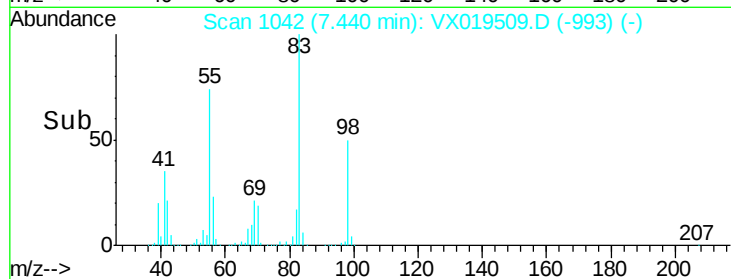
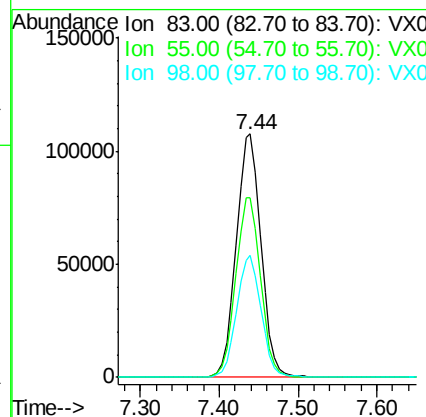
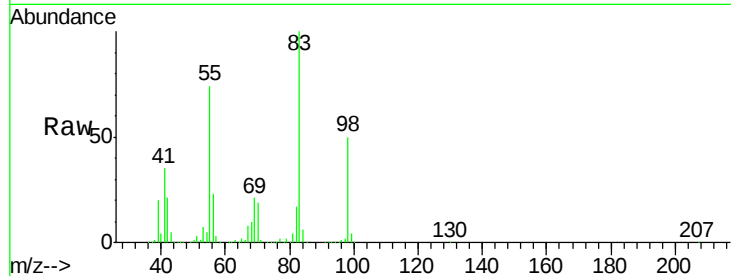
#39
Methvlcvclohexane
Concen: 49.704 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	235578		
55	73.6		58.3	87.5
98	50.1		38.9	58.3

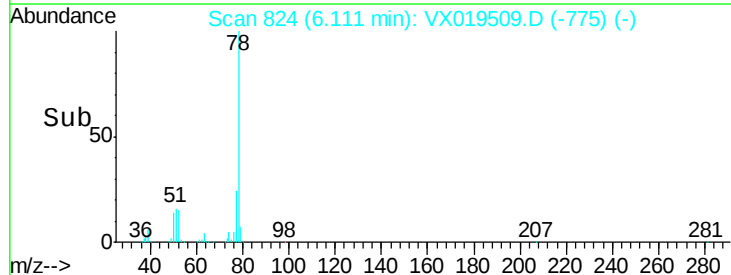
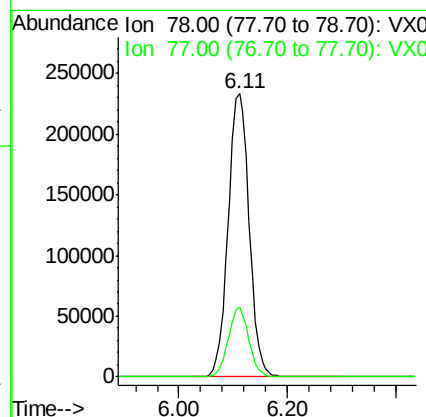
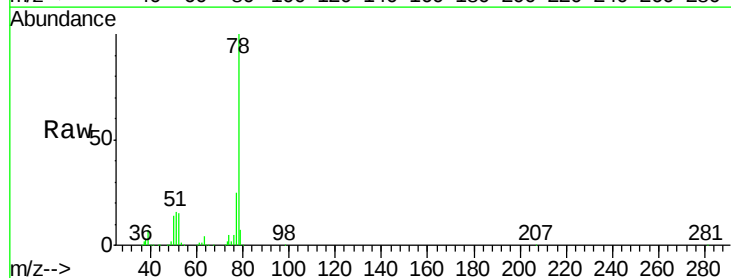
Manual Integrations
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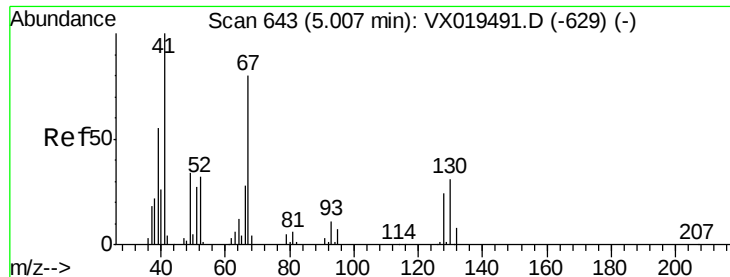
MMDadoda
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#40
Benzene
Concen: 50.146 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	627164		
77	24.6		18.9	28.3





#41

Methacrylonitrile

Concen: 51.590 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

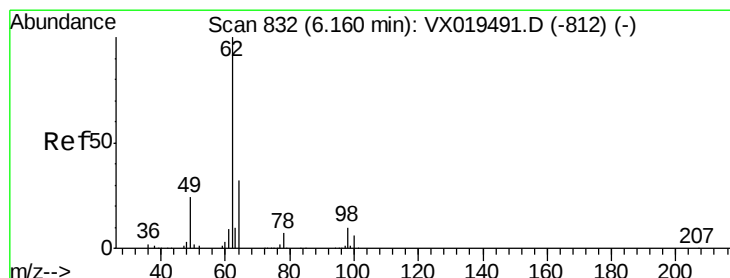
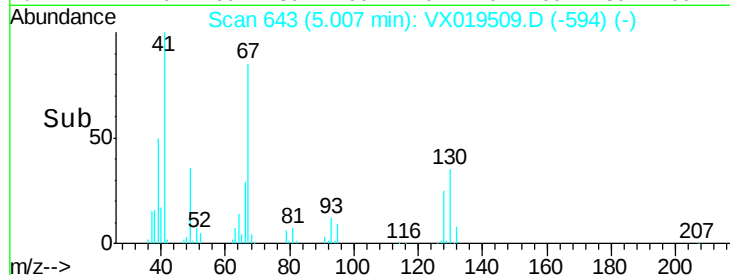
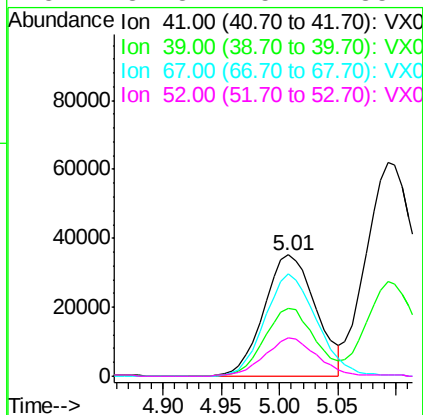
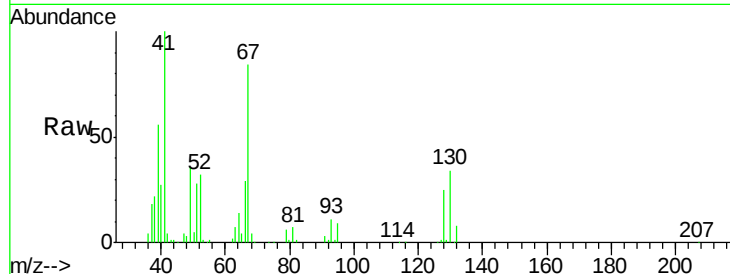
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		108716		
39	54.7	43.3	64.9		
67	84.5	66.0	99.0		
52	31.8	25.4	38.2		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.600 ug/l

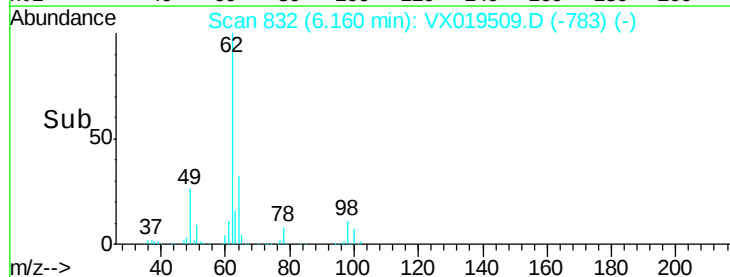
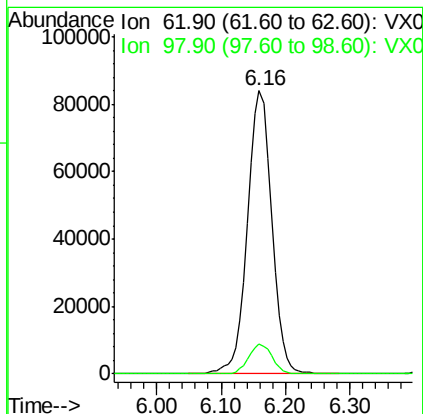
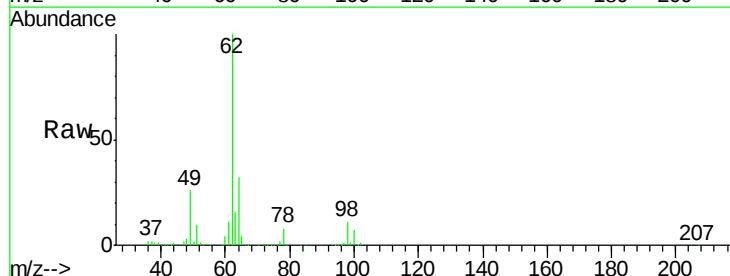
RT: 6.16 min Scan# 832

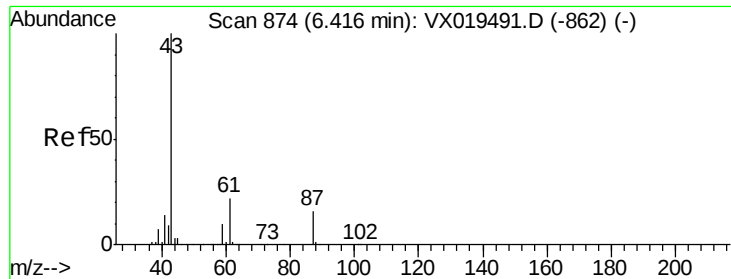
Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		216910		
98	10.2	0.0	20.0		





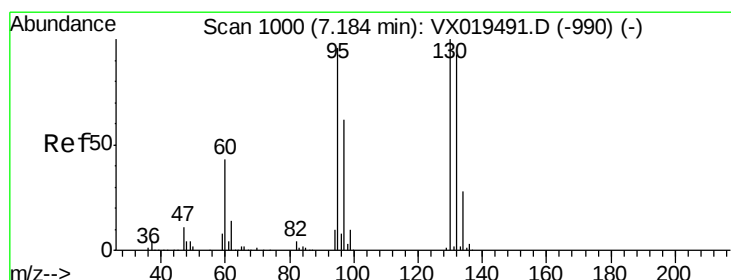
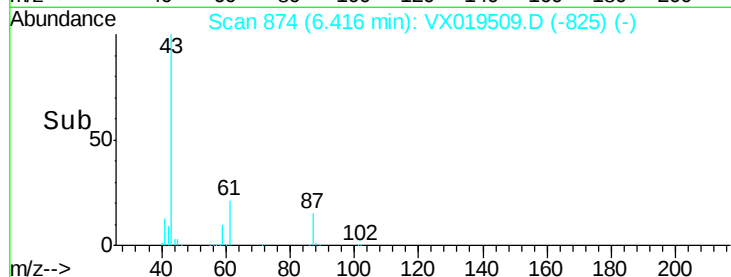
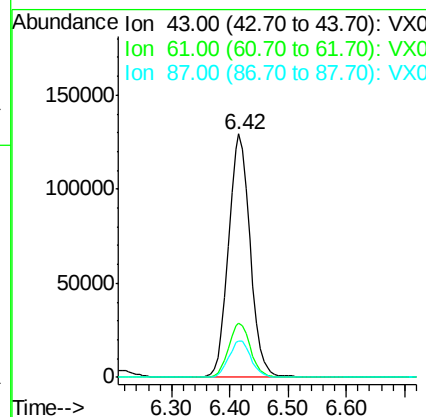
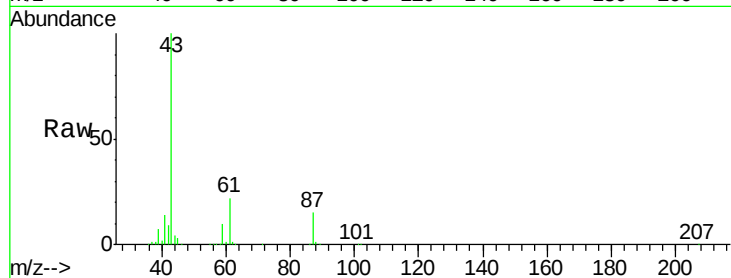
#43
Isopropyl Acetate
Concen: 51.817 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.2
87	15.4	12.6	18.8

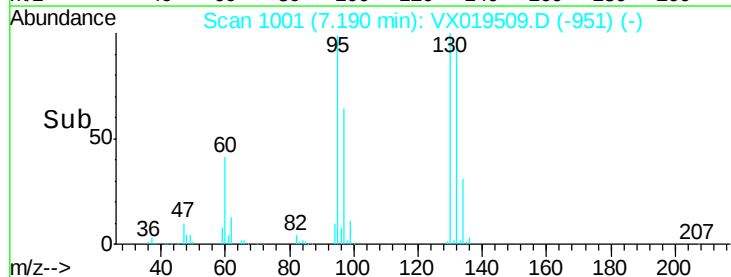
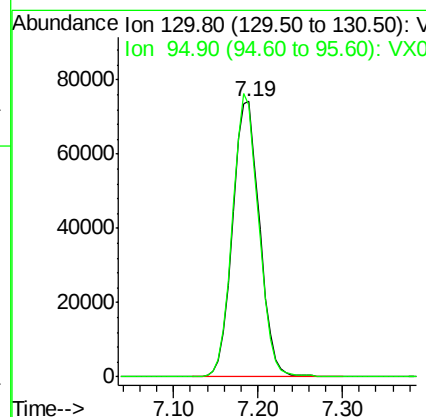
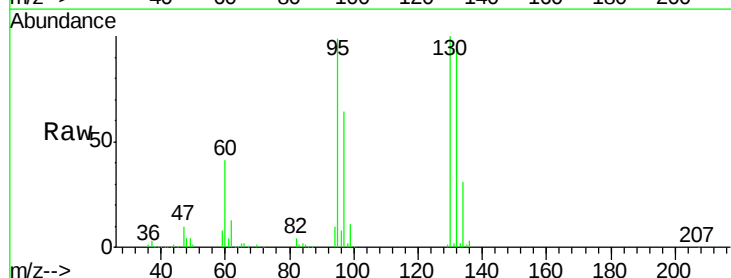
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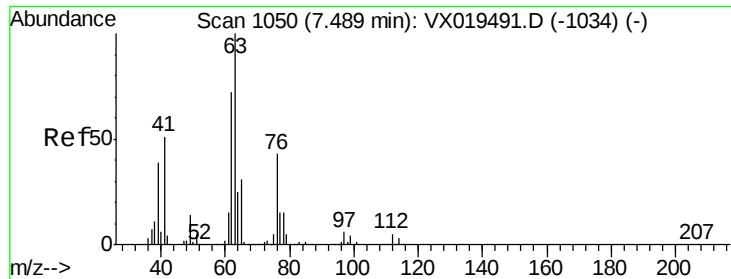
MMDadoda
11/23/2020 3:51:14 PM



#44
Trichloroethene
Concen: 49.325 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 50.903 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 156729

Ion Ratio Lower Upper

63 100

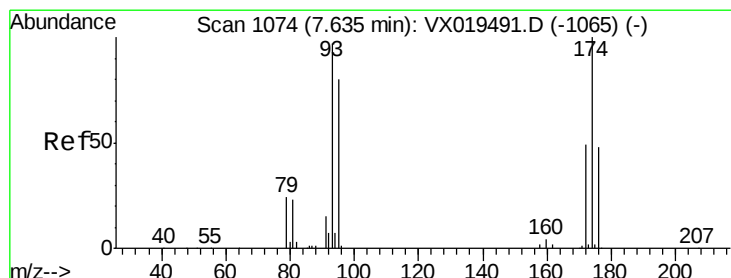
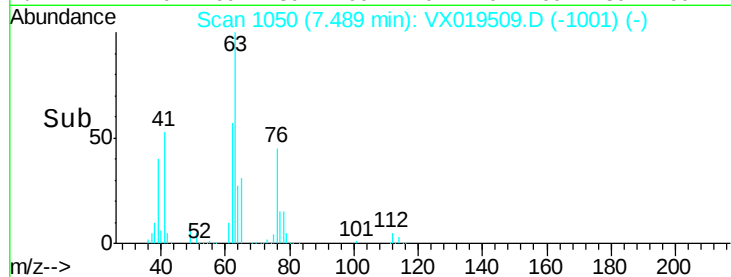
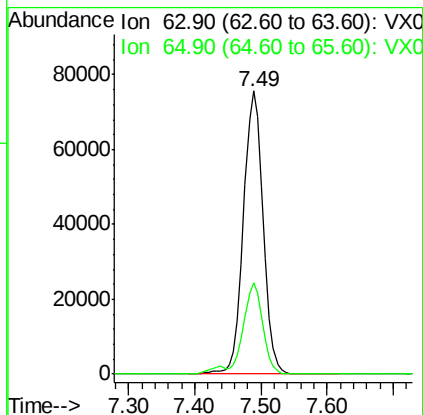
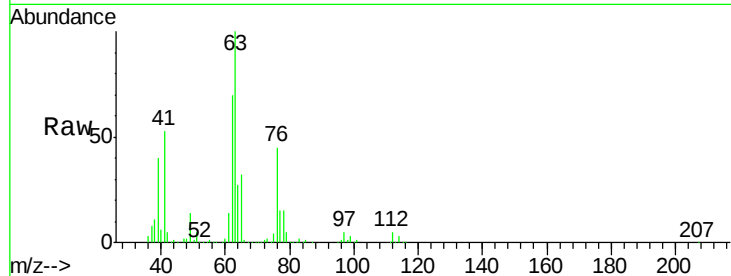
65 32.3 25.0 37.4

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#46

Dibromomethane

Concen: 50.455 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

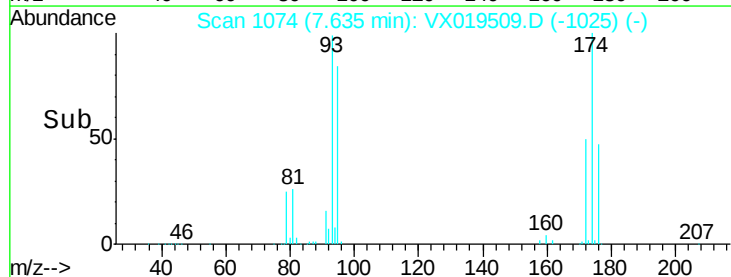
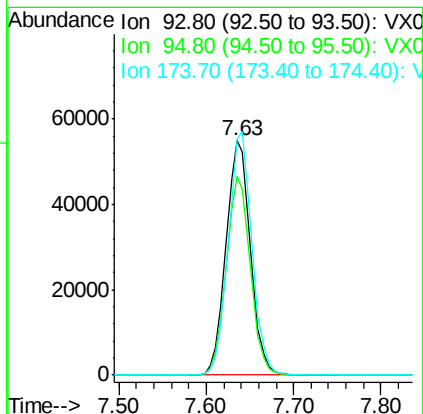
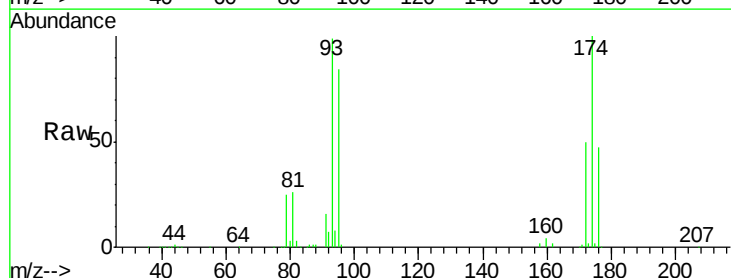
Tgt Ion: 93 Resp: 106324

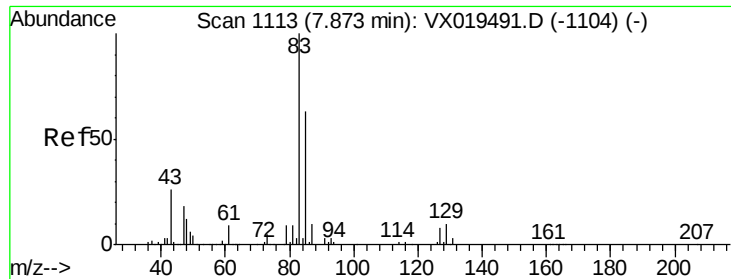
Ion Ratio Lower Upper

93 100

95 84.1 66.8 100.2

174 101.4 83.0 124.4





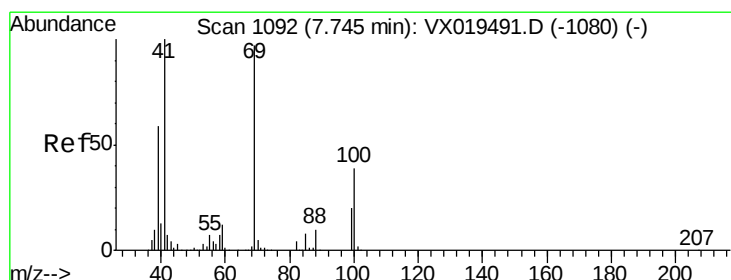
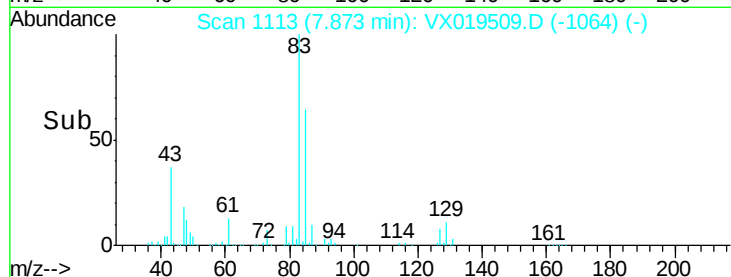
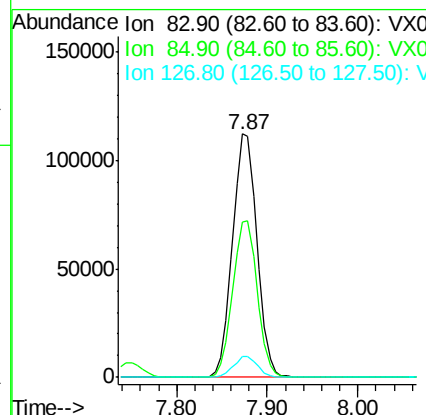
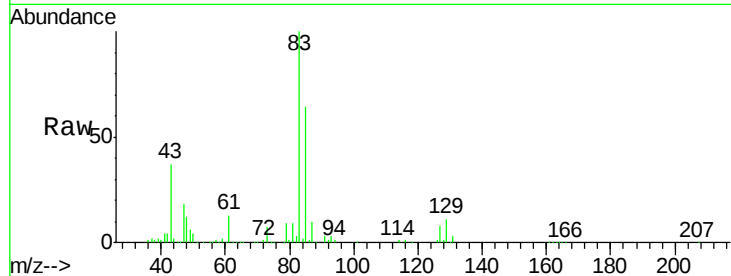
#47
Bromodichloromethane
Concen: 51.637 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.2	75.2
127	8.4	6.4	9.6

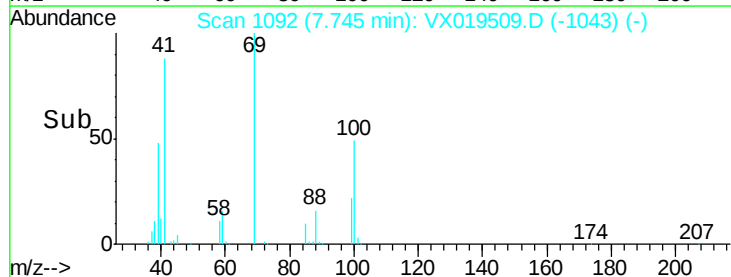
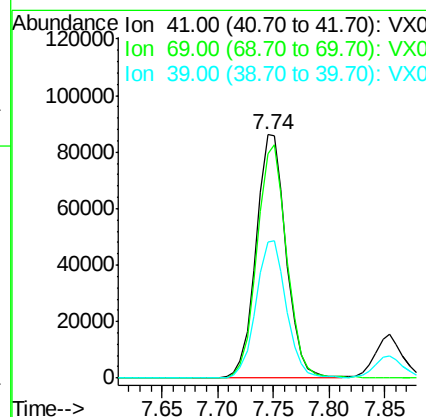
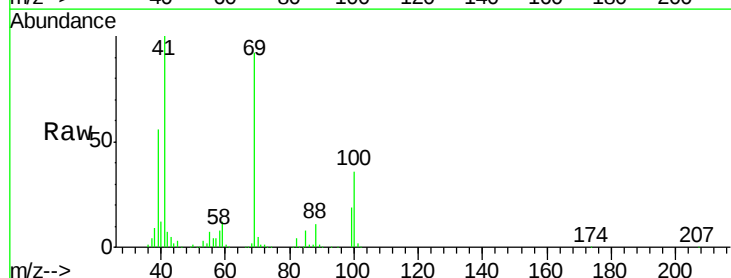
Manual Integrations
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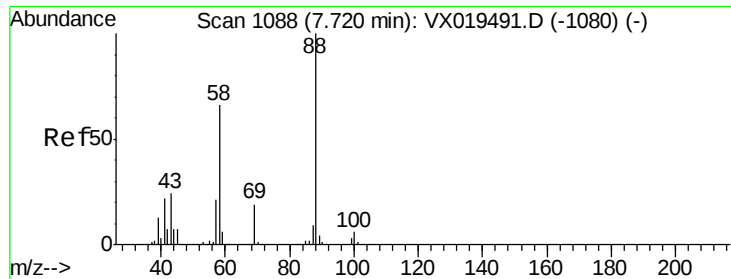
MMDadoda
11/23/2020 3:51:14 PM



#48
Methyl methacrylate
Concen: 53.764 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.6	77.0	115.6
39	56.9	45.6	68.4





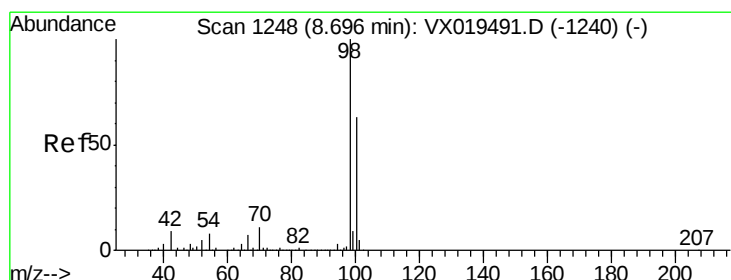
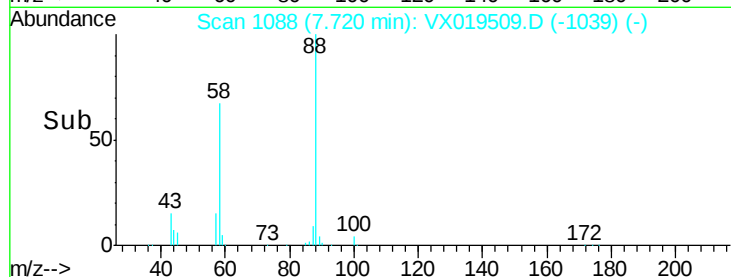
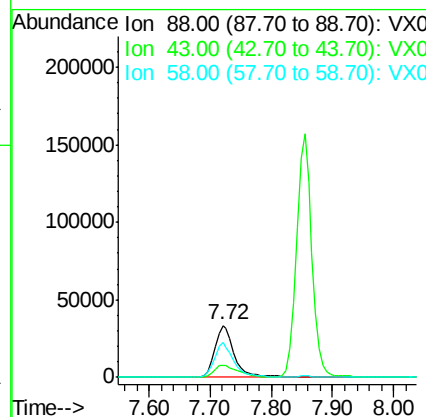
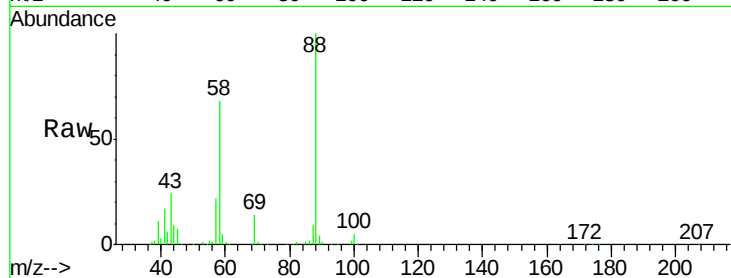
#49
1,4-Dioxane
Concen: 1117.195 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.8	35.6
58	66.7	54.2	81.2

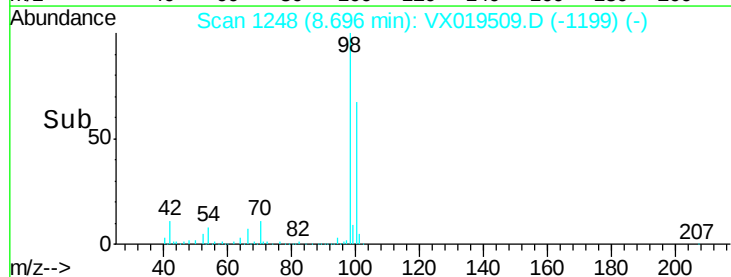
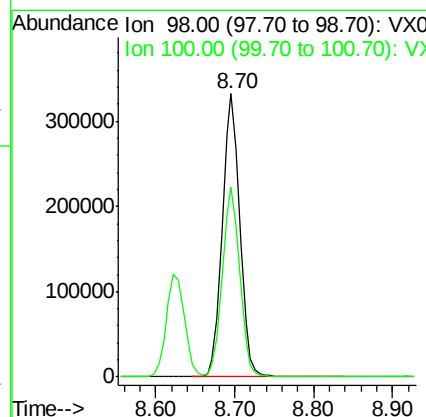
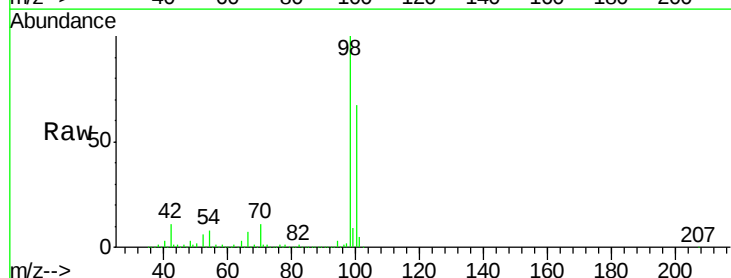
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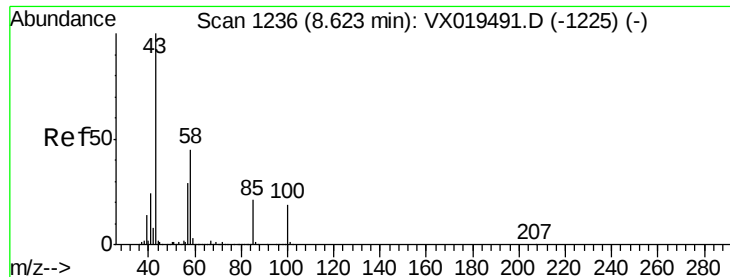
MMDadoda
11/23/2020 3:51:14 PM



#50
Toluene-d8
Concen: 48.438 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 272.795 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1021867

Ion Ratio Lower Upper

43 100

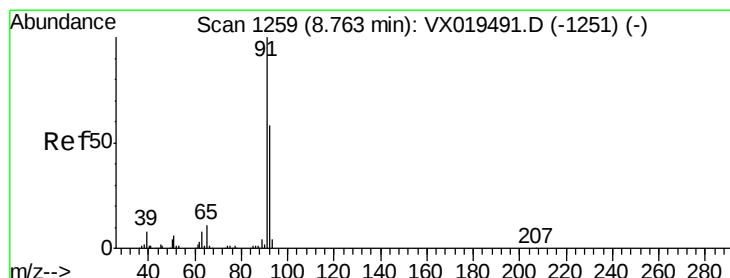
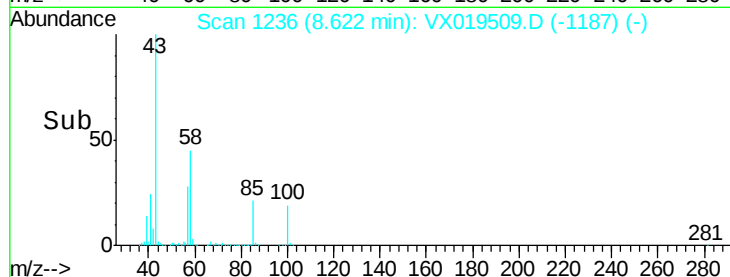
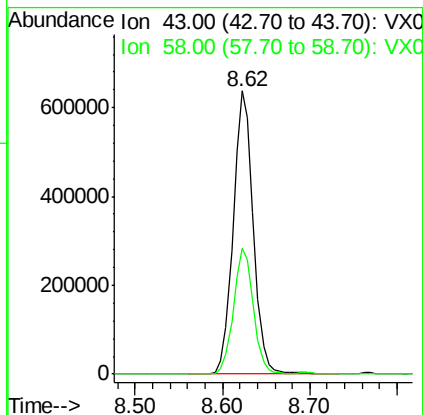
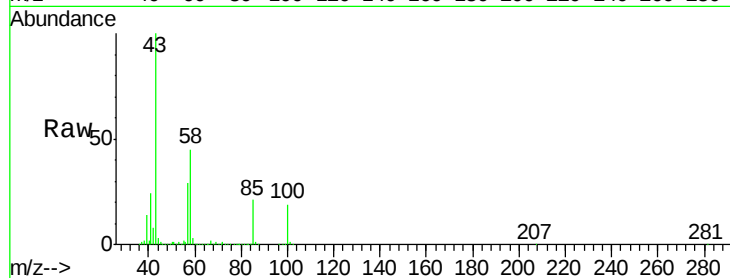
58 44.1 35.1 52.7

Manual Integrations

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#52

Toluene

Concen: 51.694 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019509.D

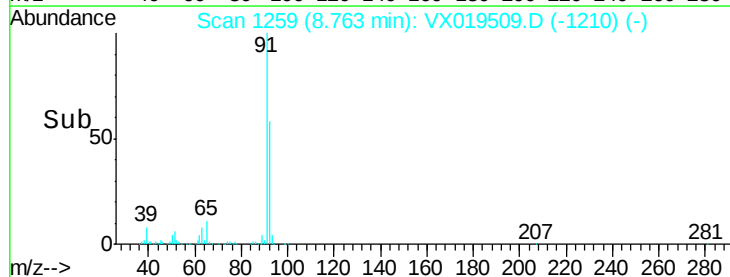
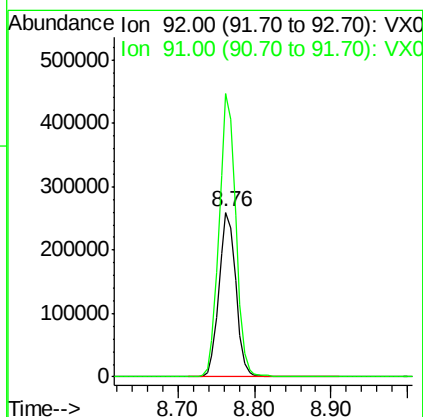
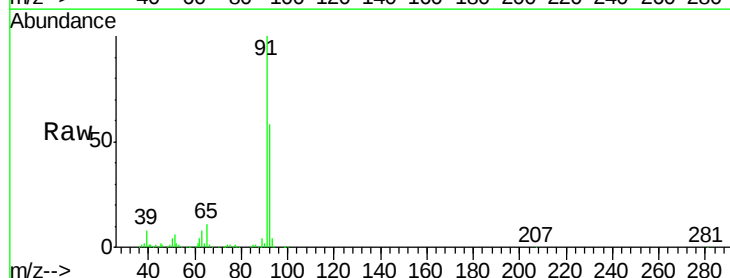
Acq: 20 Nov 2020 20:33

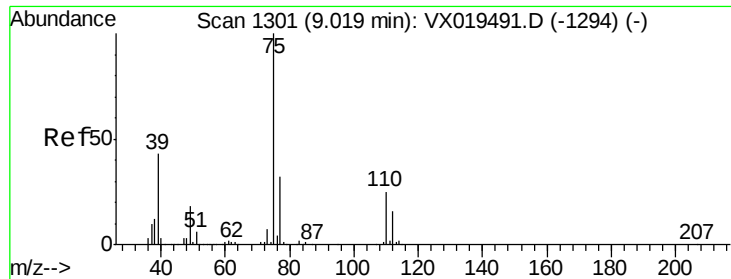
Tgt Ion: 92 Resp: 395514

Ion Ratio Lower Upper

92 100

91 170.6 138.1 207.1





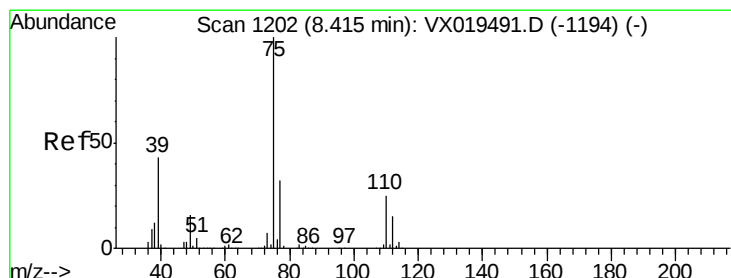
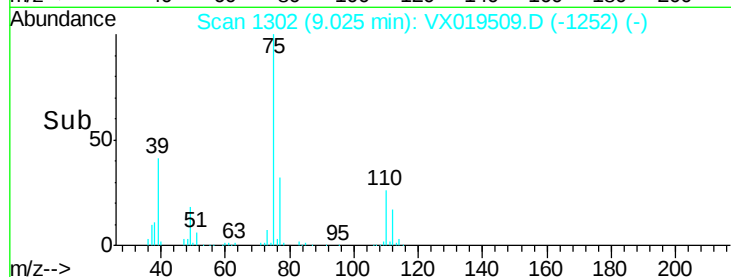
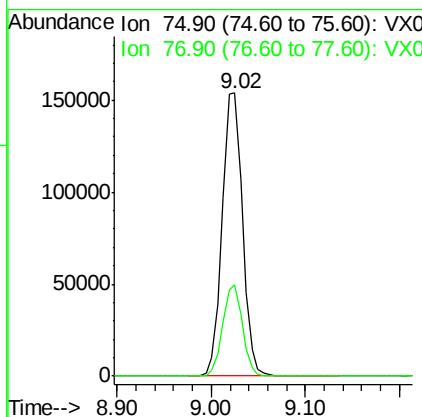
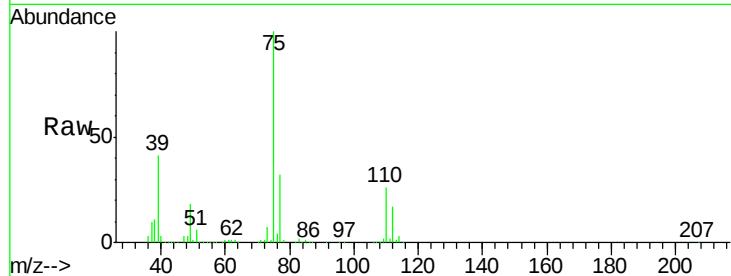
#53
 t-1,3-Dichloropropene
 Concen: 52.218 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 230605
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9

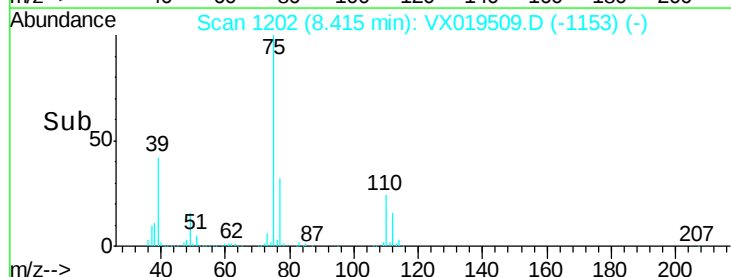
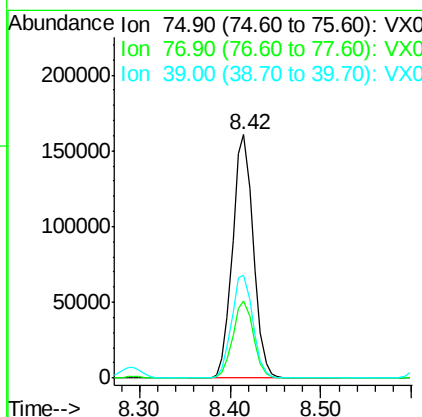
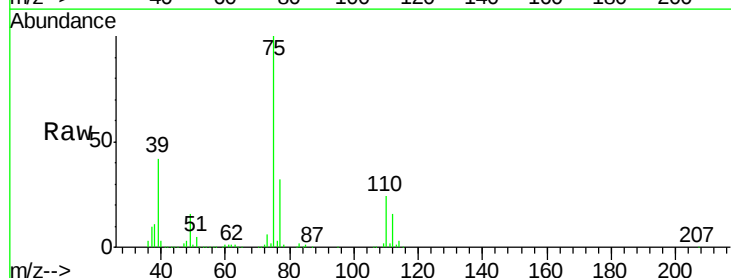
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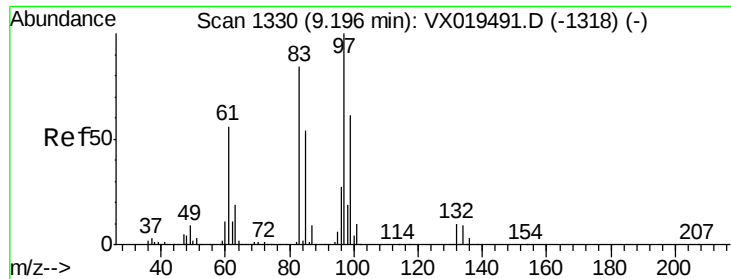
MMDadoda
 11/23/2020 3:51:14 PM



#54
 cis-1,3-Dichloropropene
 Concen: 52.076 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion: 75 Resp: 255219
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 42.1 34.6 51.8





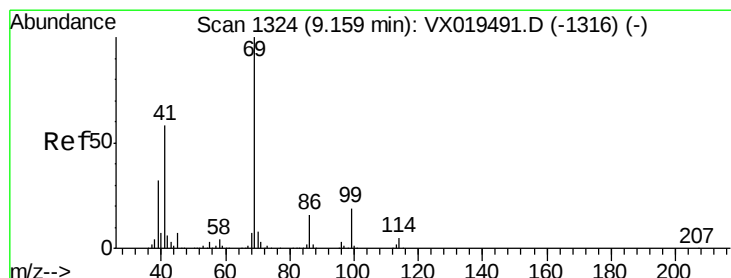
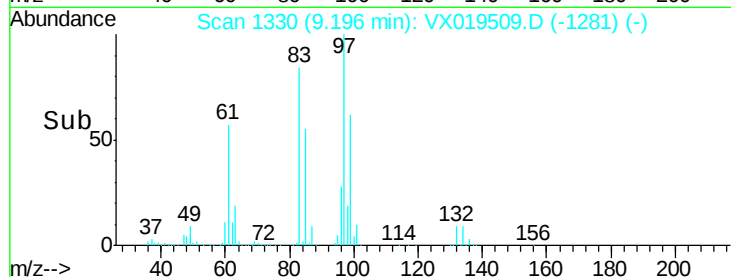
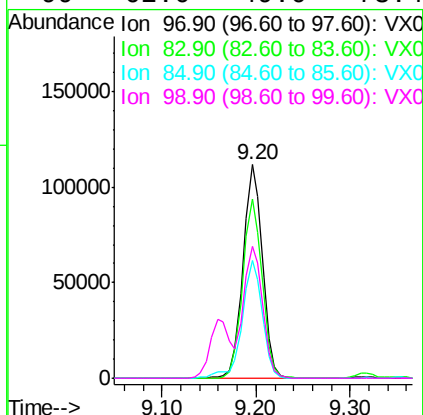
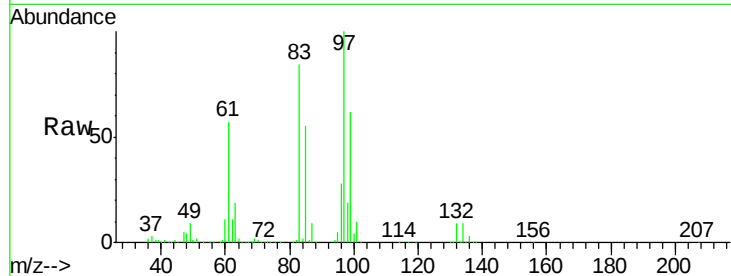
#55
 1,1,2-Trichloroethane
 Concen: 51.660 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	160972
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	54.9	43.4	65.0
99	62.0	49.0	73.4

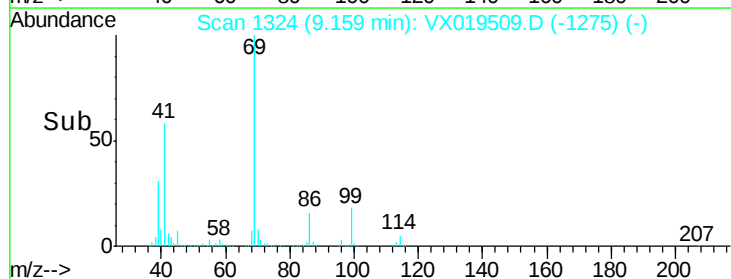
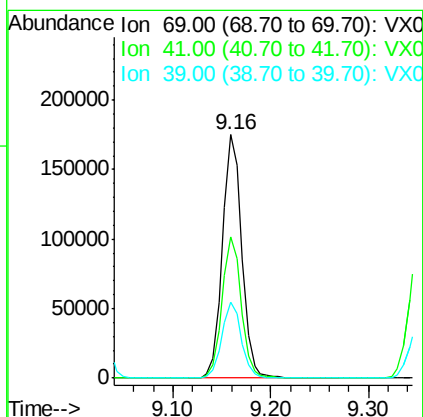
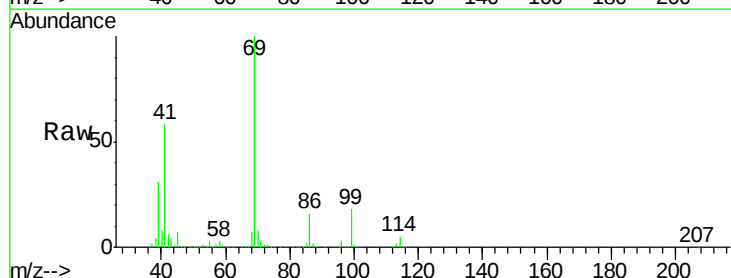
Manual Integrations
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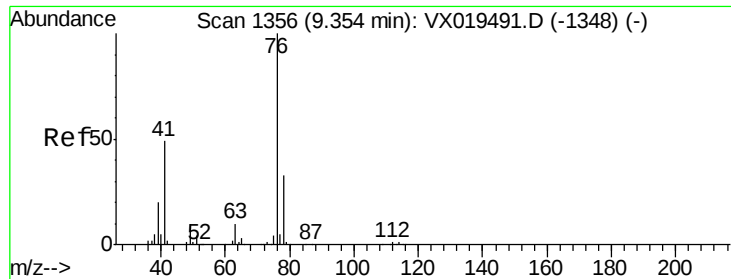
MMDadoda
 11/23/2020 3:51:14 PM



#56
 Ethyl methacrylate
 Concen: 54.560 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion:	69	Resp:	240565
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.2	69.2
39	31.3	25.5	38.3





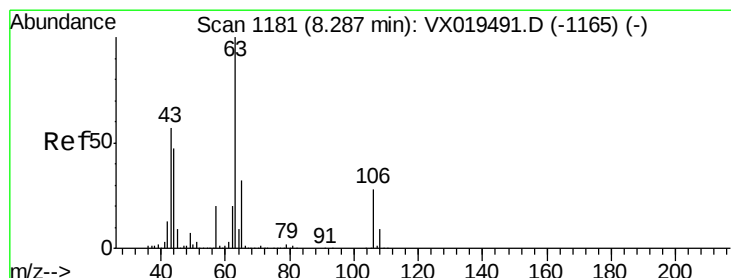
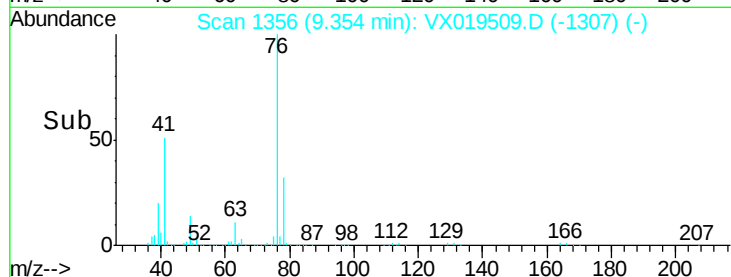
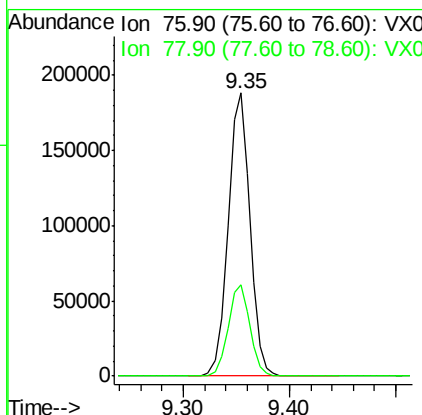
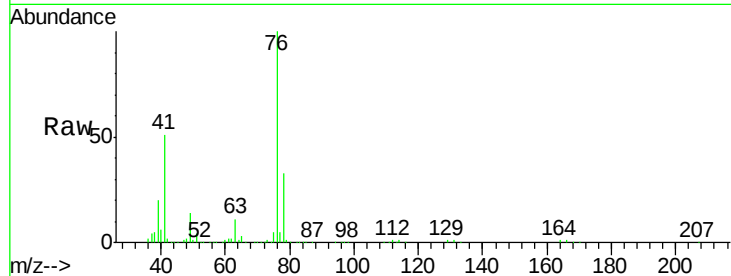
#57
 1,3-Dichloropropane
 Concen: 51.564 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 269002
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

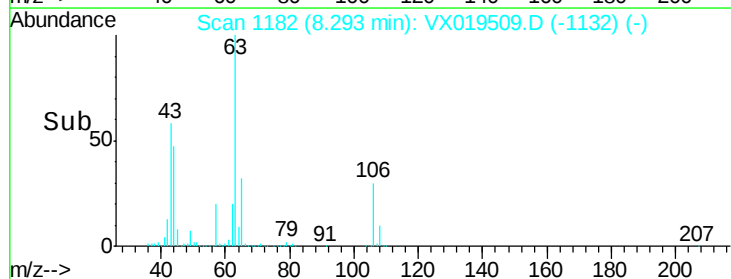
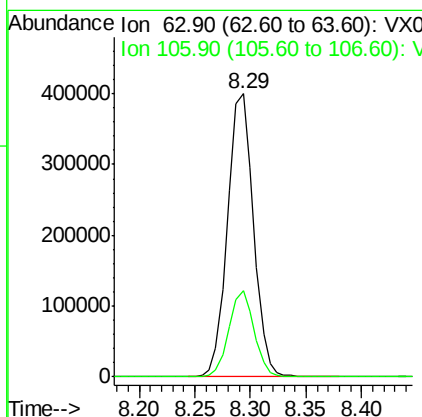
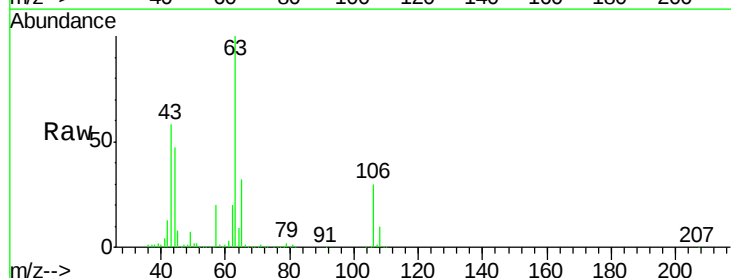
Manual Integrations
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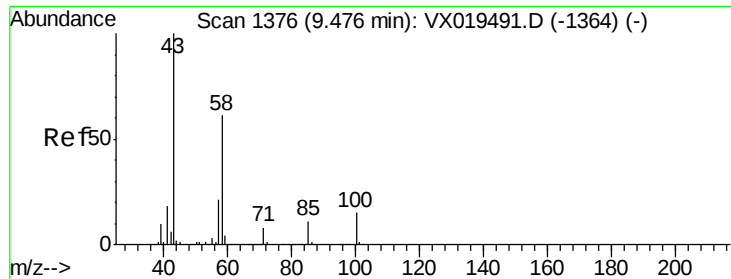
MMDadoda
 11/23/2020 3:51:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.992 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion: 63 Resp: 643286
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5





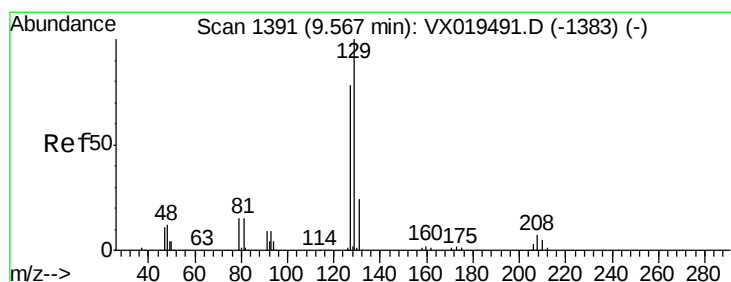
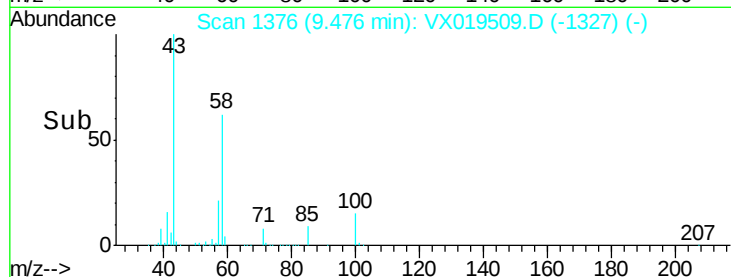
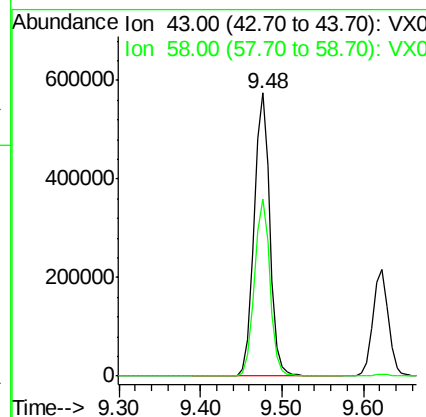
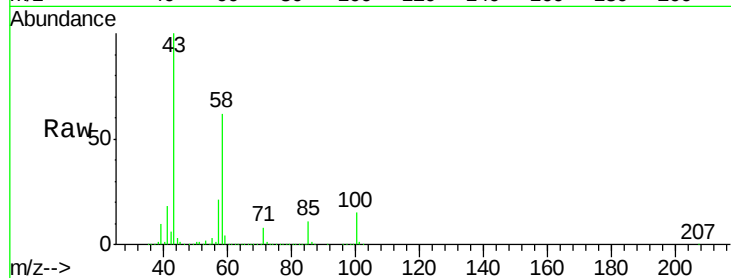
#59
2-Hexanone
Concen: 272.335 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.1	30.6	91.6

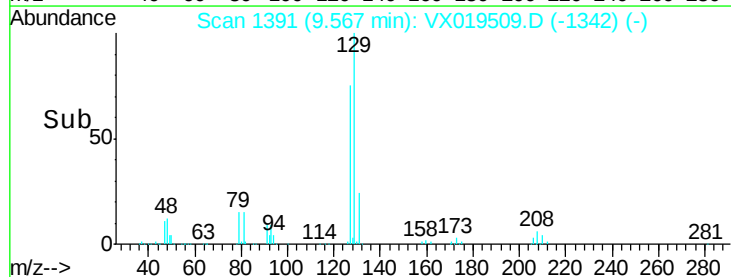
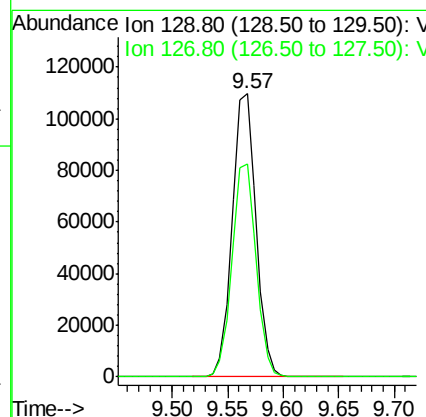
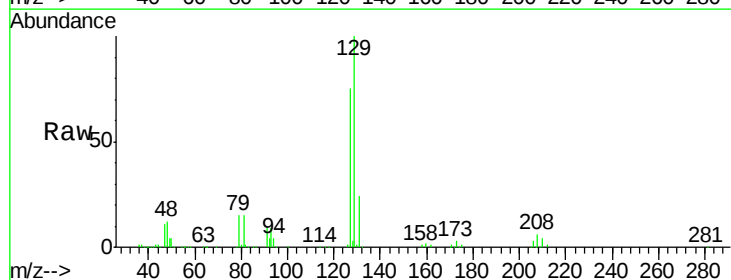
Manual Integrations
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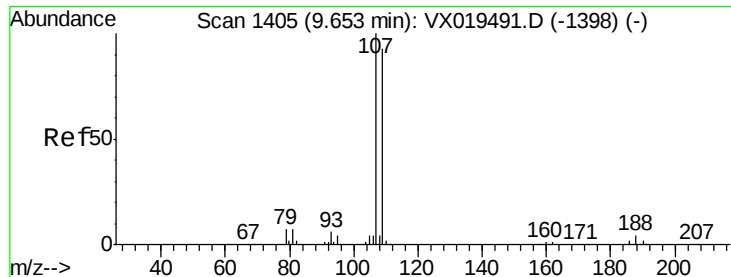
MMDadoda
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#60
Dibromochloromethane
Concen: 53.253 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	39.0	116.9





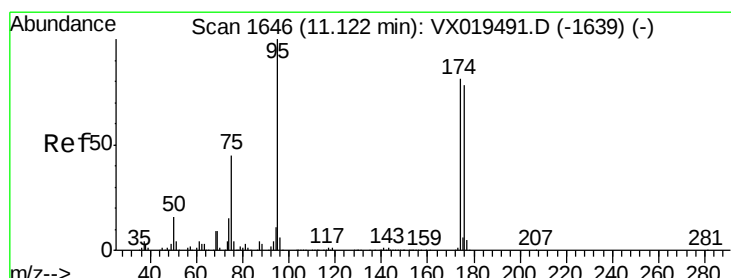
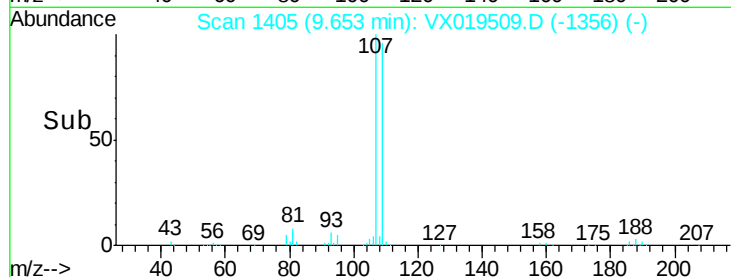
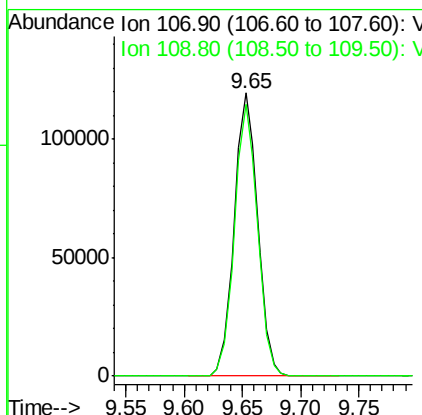
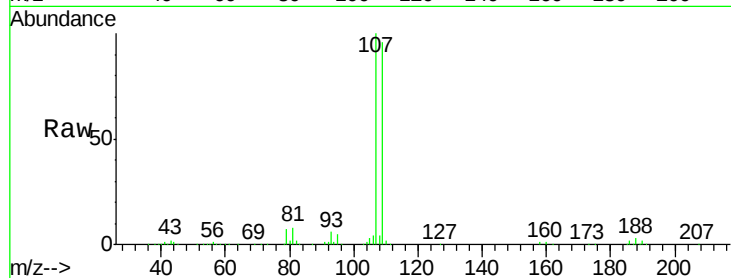
#61
 1,2-Dibromoethane
 Concen: 52.114 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.8	112.2

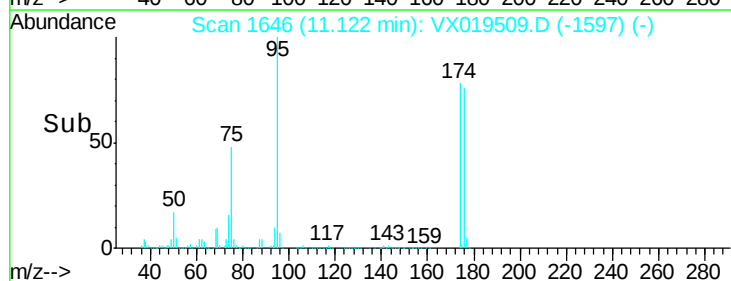
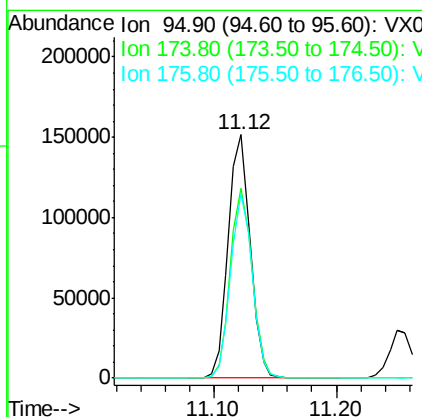
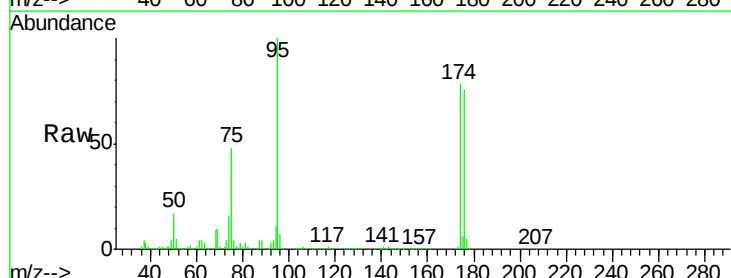
Manual Integrations
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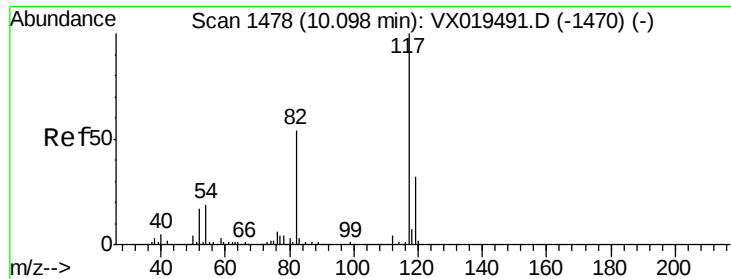
MMDadoda
 11/23/2020 3:51:14 PM



#62
 4-Bromofluorobenzene
 Concen: 49.330 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	156.2
176	74.5	0.0	151.4





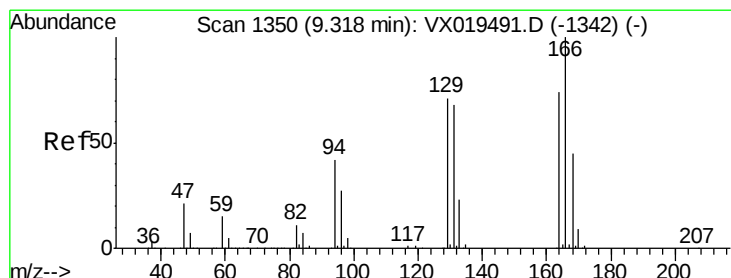
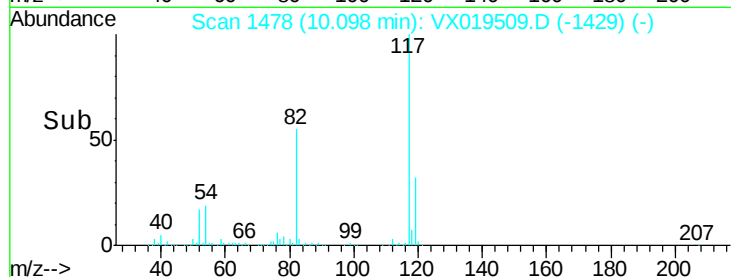
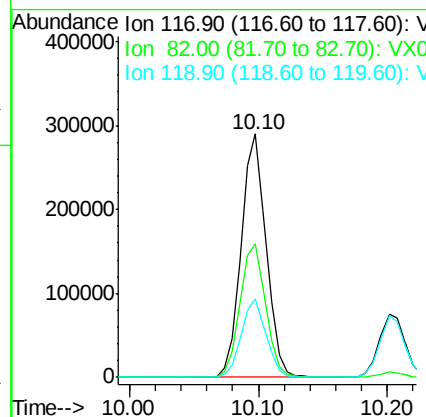
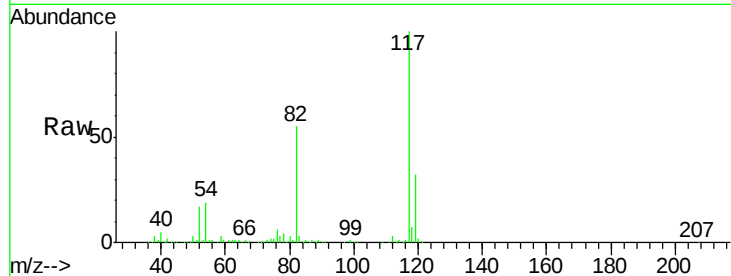
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	389875		
82	54.6	43.0	64.4	
119	32.2	25.6	38.4	

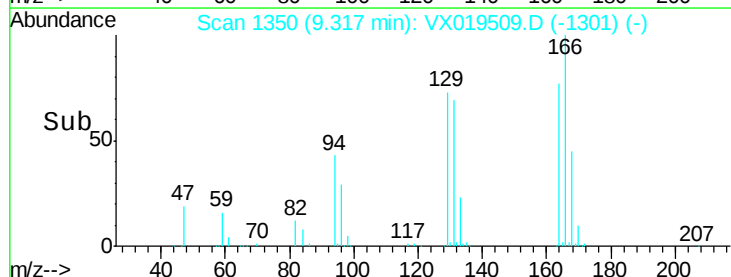
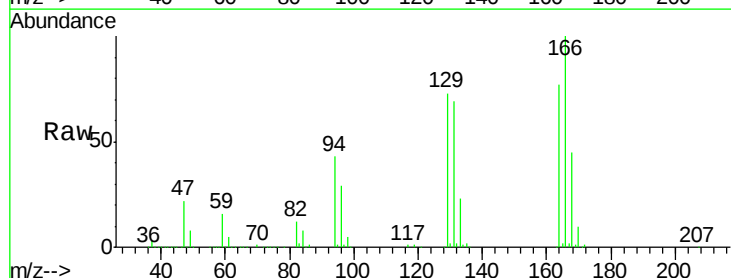
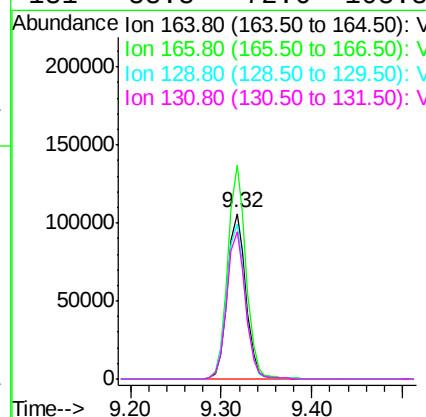
Manual Integrations
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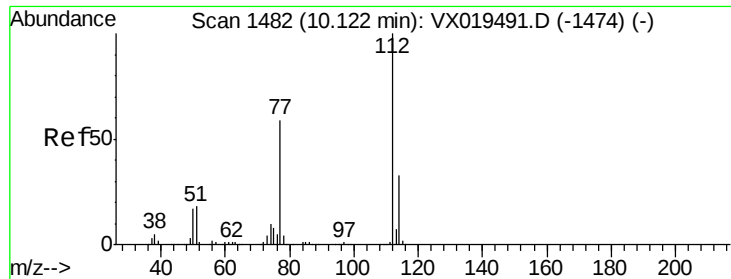
MMDadoda
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#64
Tetrachloroethene
Concen: 48.824 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149628		
166	129.1	107.4	161.0	
129	93.9	76.6	114.8	
131	88.8	72.6	108.8	





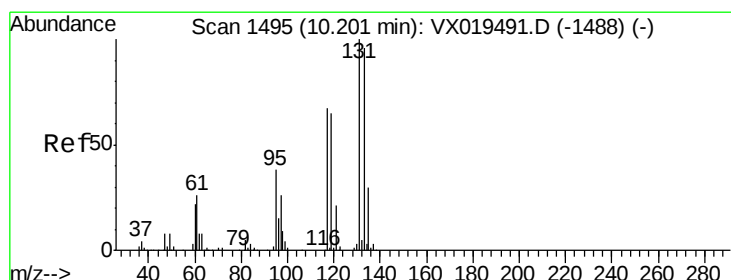
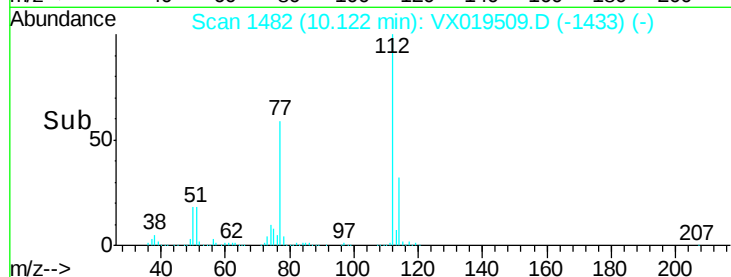
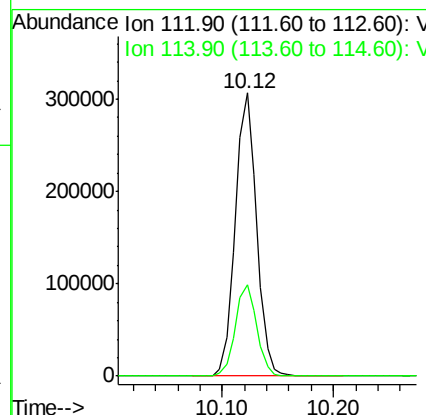
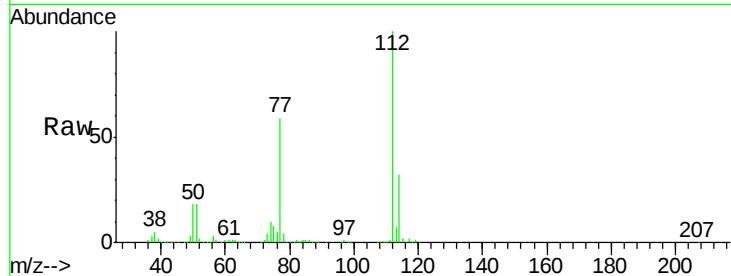
#65
Chlorobenzene
Concen: 50.502 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.0	39.0

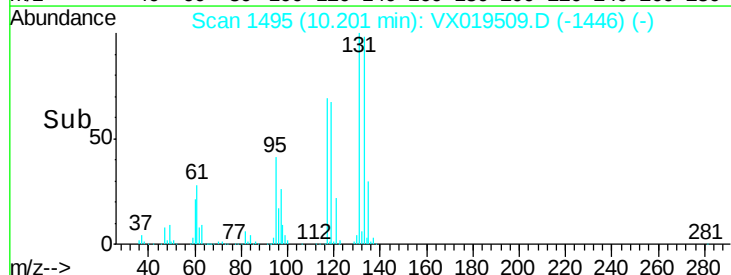
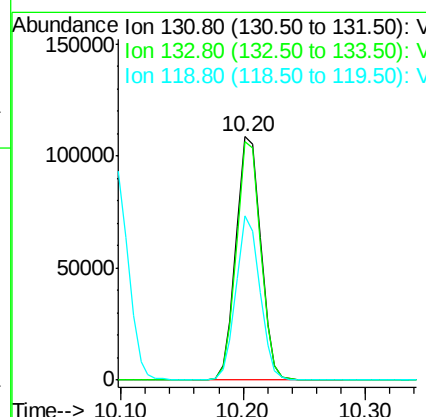
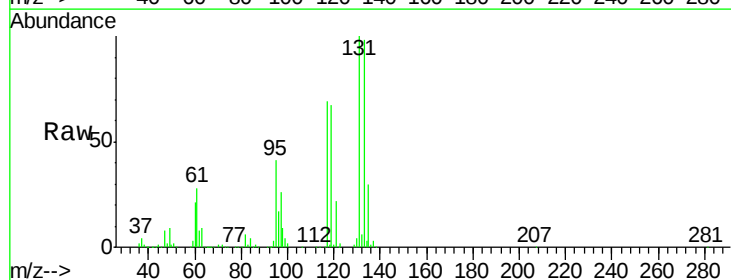
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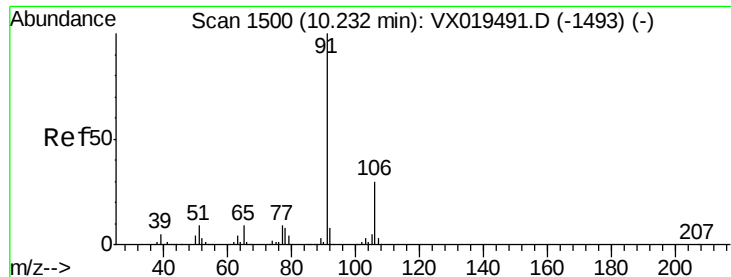
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.925 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.5	145.5
119	65.1	33.0	99.0





#67

Ethyl Benzene

Concen: 52.775 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 741104

Ion Ratio Lower Upper

91 100

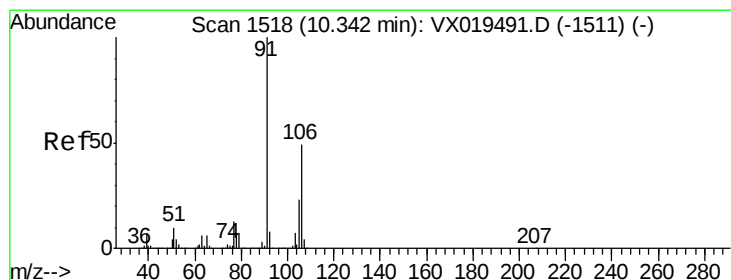
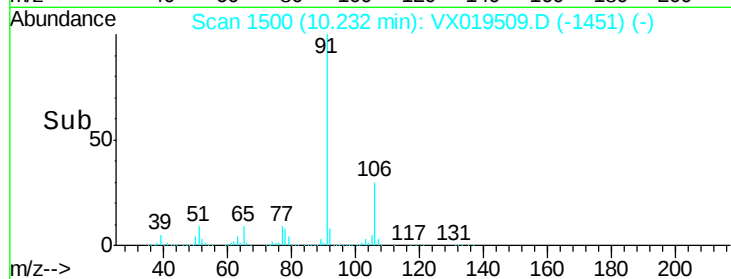
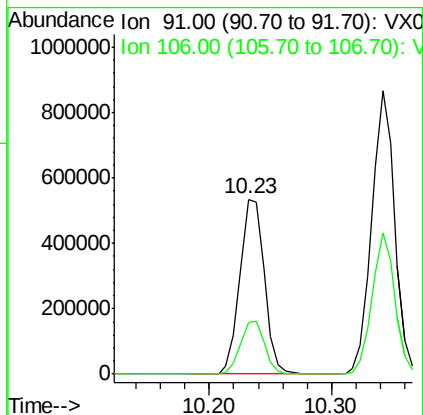
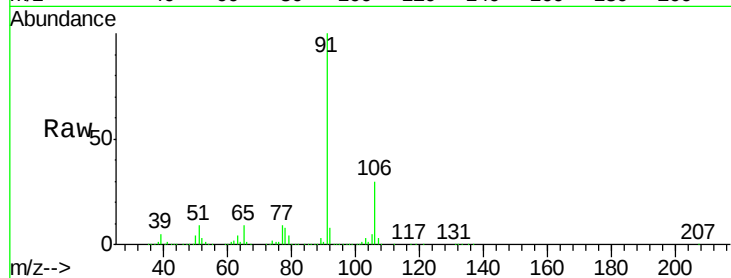
106 29.8 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 106.936 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019509.D

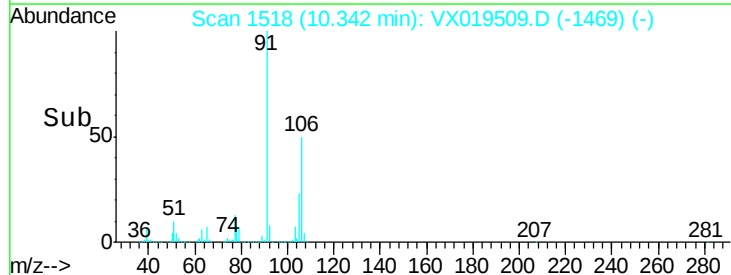
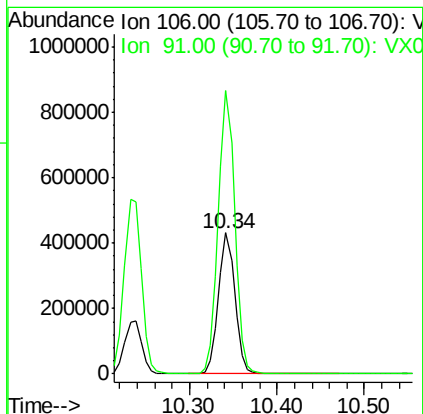
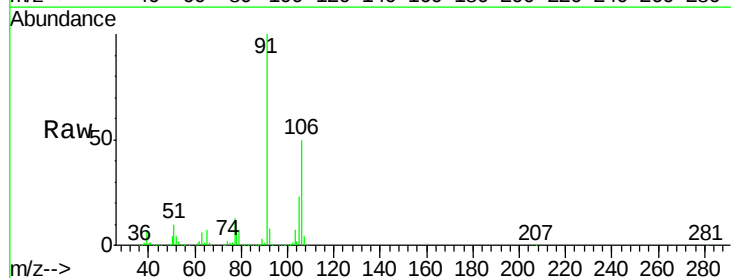
Acq: 20 Nov 2020 20:33

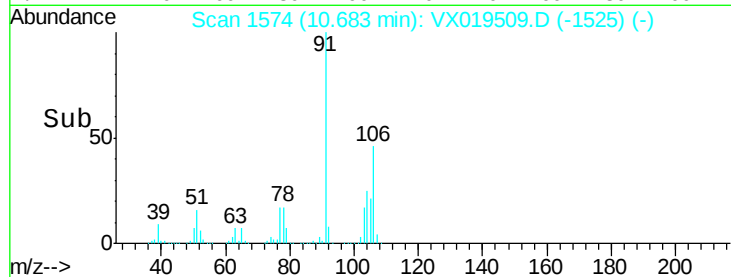
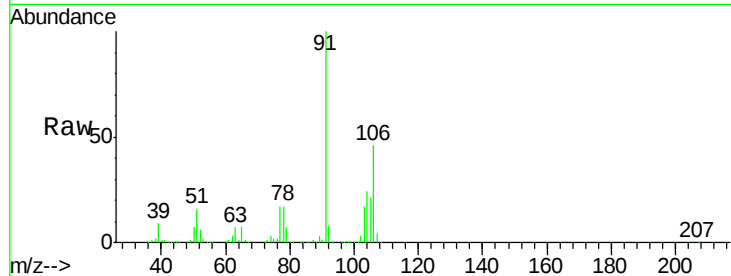
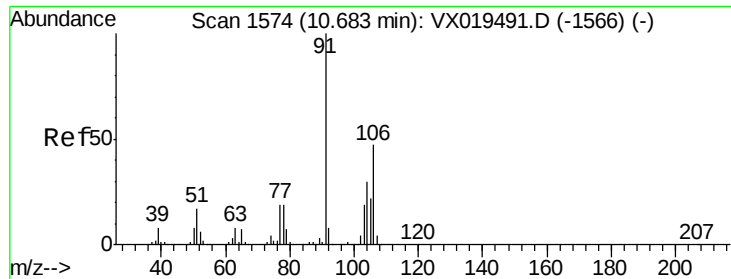
Tgt Ion: 106 Resp: 559463

Ion Ratio Lower Upper

106 100

91 201.9 163.3 244.9





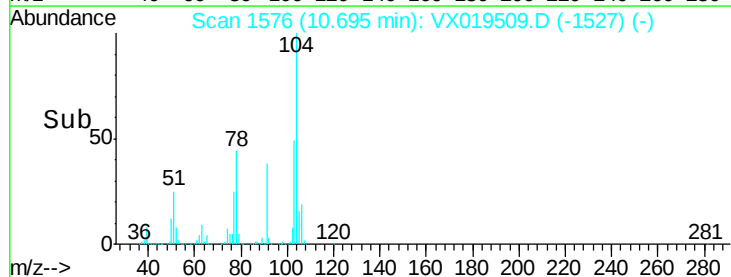
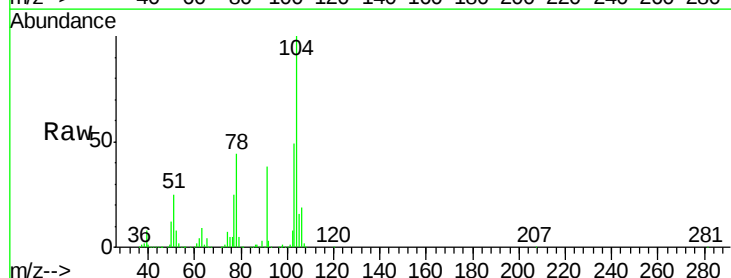
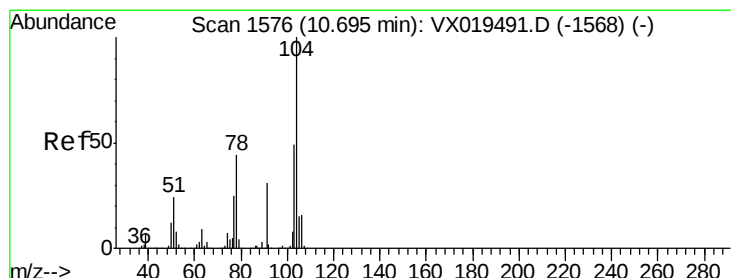
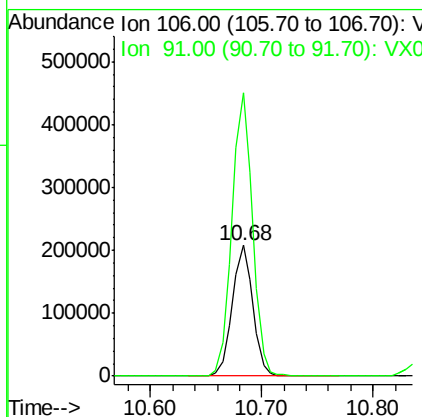
#69
o-Xylene
Concen: 52.976 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tot Ion:106 Resp: 264942
Ion Ratio Lower Upper
106 100
91 216.8 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

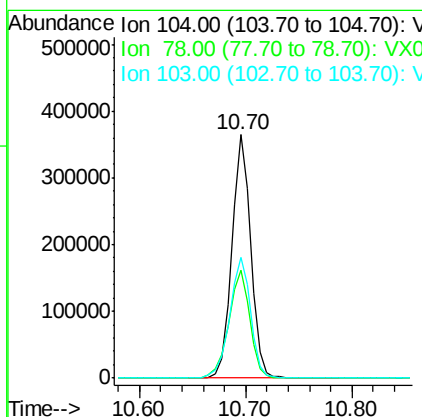
Manual Integrations
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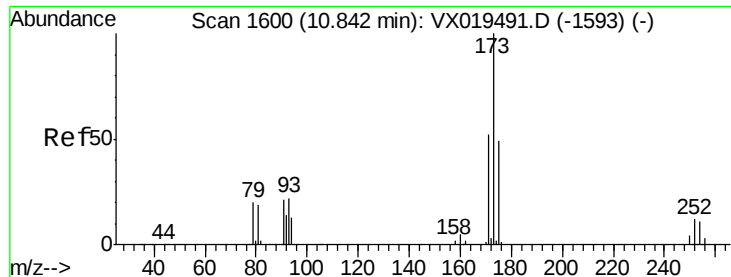
MMDadoda
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#70
Styrene
Concen: 49.031 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion:104 Resp: 453603
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.9 43.6 65.4





#71

Bromoform

Concen: 46.577 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 114386

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.8

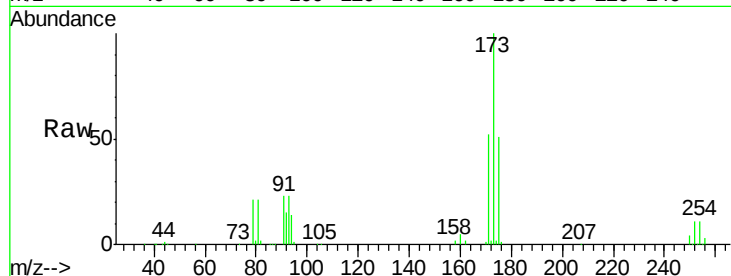
254 0.1 0.1 0.1

Manual Integrations

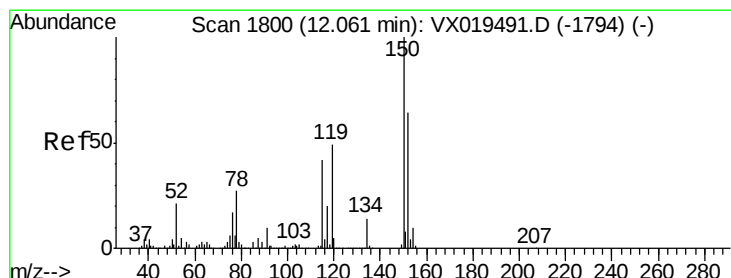
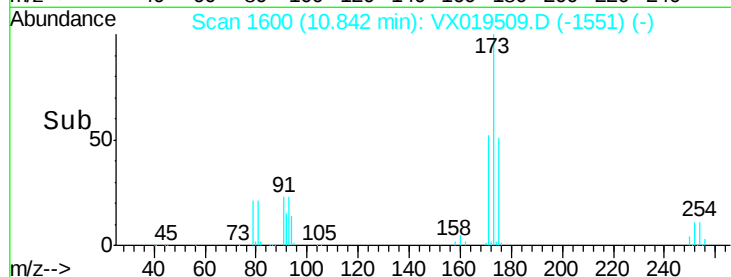
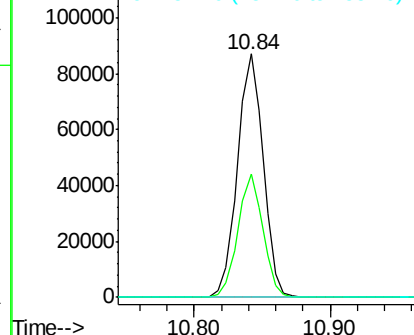
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

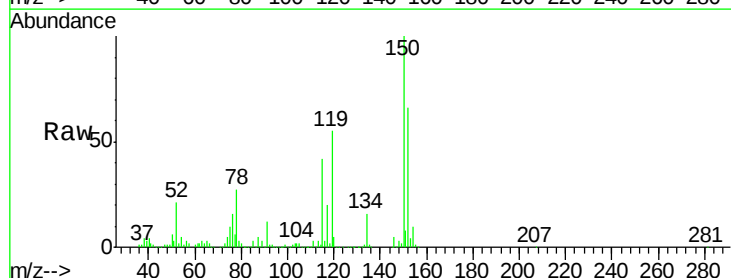
Tgt Ion:152 Resp: 196832

Ion Ratio Lower Upper

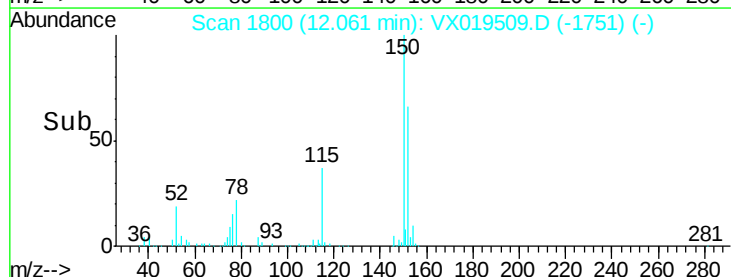
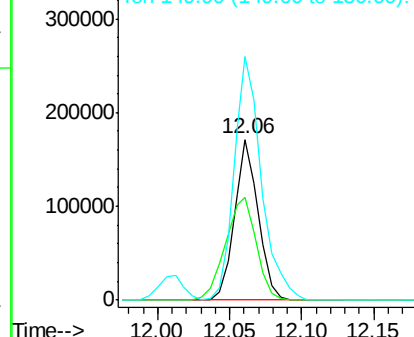
152 100

115 83.6 41.8 125.4

150 174.6 0.0 348.2



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





#73

Isopropylbenzene

Concen: 51.950 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 707379

Ion Ratio Lower Upper

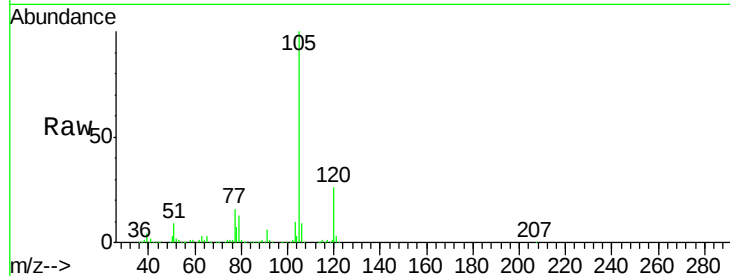
105 100

120 26.7 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

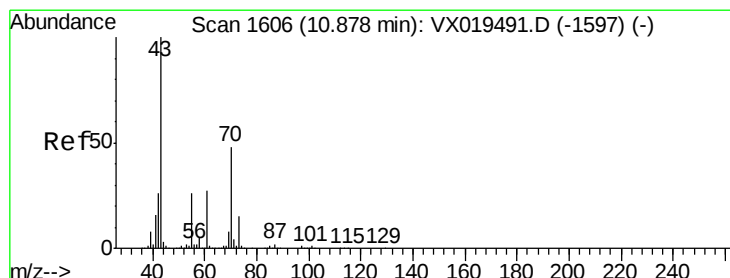
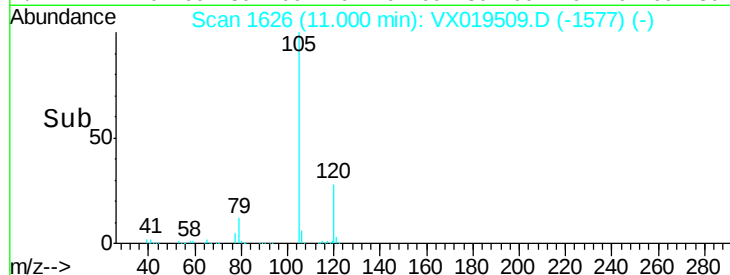
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 54.984 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion: 43 Resp: 280545

Ion Ratio Lower Upper

43 100

70 50.3 39.7 59.5

55 27.1 21.8 32.6

61 27.8 22.2 33.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

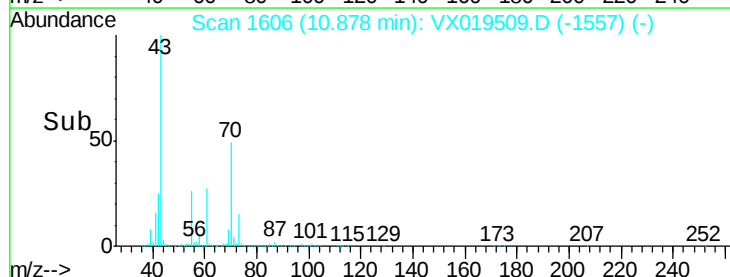
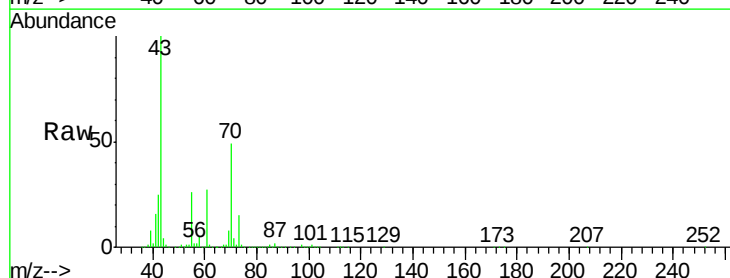
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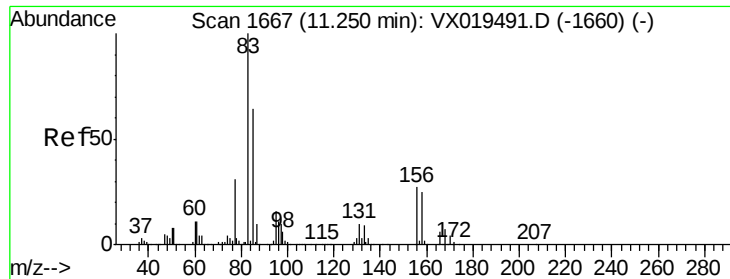
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.828 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

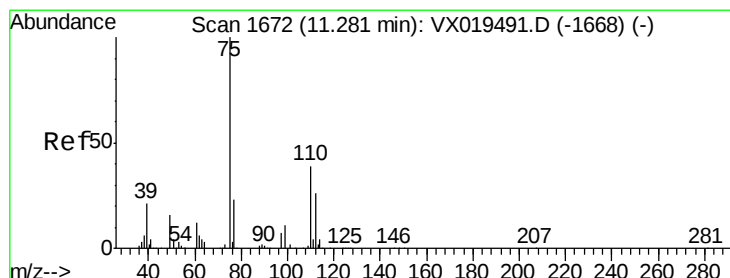
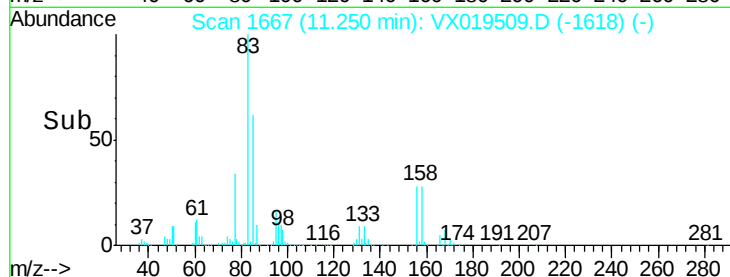
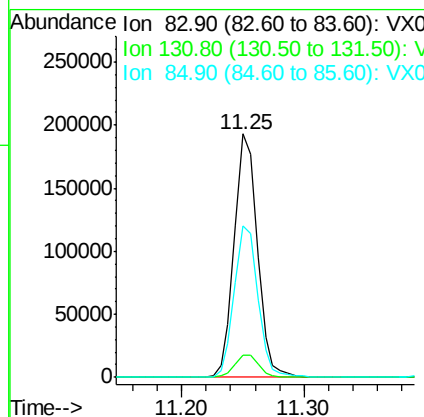
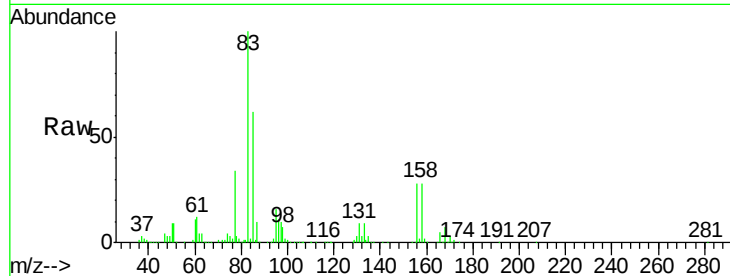
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	252369
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	15.0
85	63.8	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.909 ug/l m

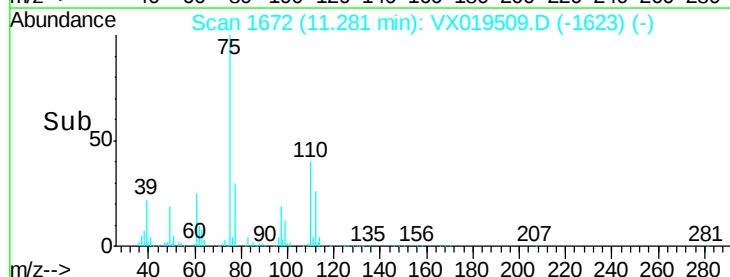
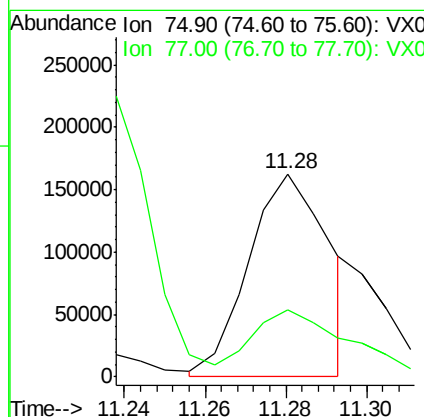
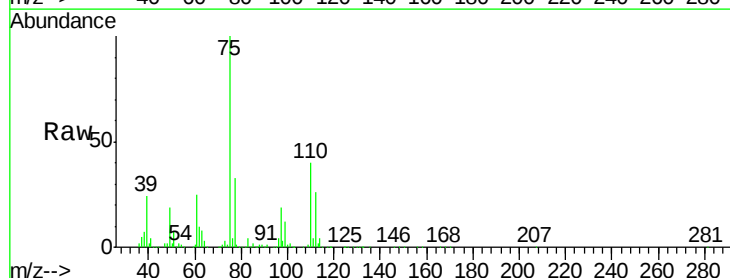
RT: 11.28 min Scan# 1672

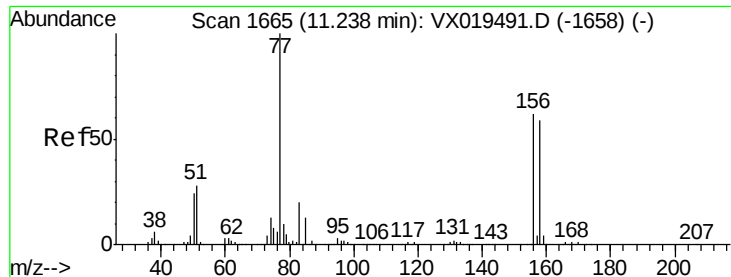
Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	75	Resp:	222977
Ion Ratio	Lower	Upper	
75	100		
77	40.5	20.0	60.0





#77

Bromobenzene

Concen: 51.128 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

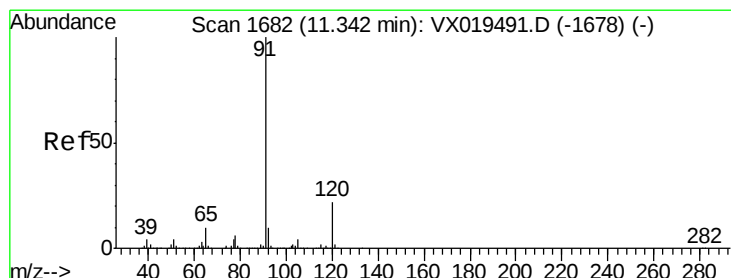
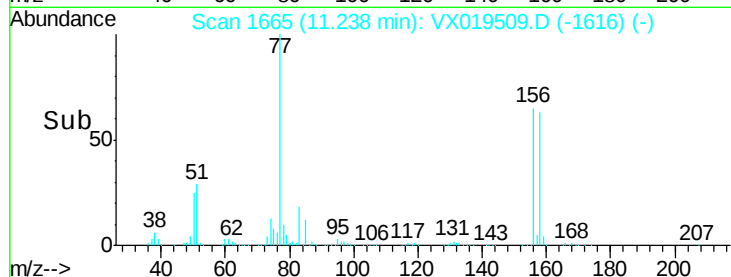
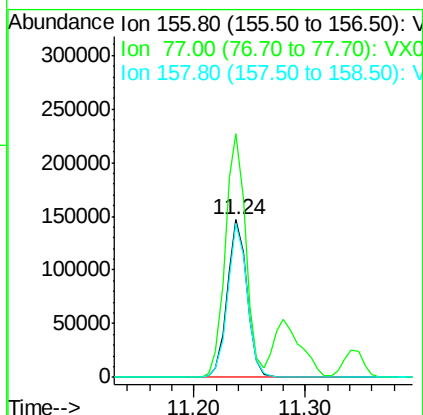
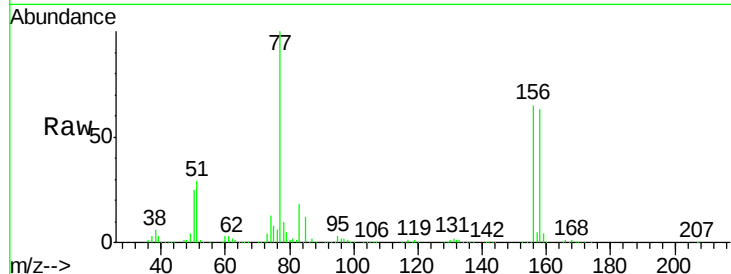
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	177722
Ion Ratio	Lower	Upper	
156	100		
77	161.9	82.5	247.3
158	97.3	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 52.392 ug/l

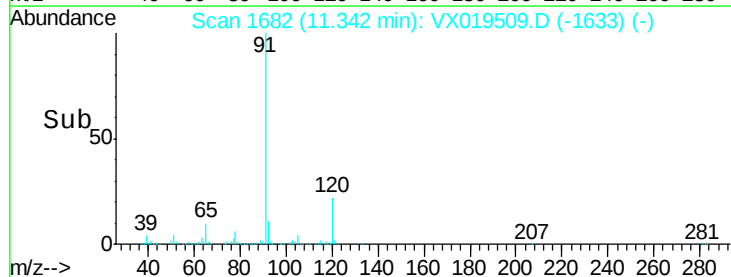
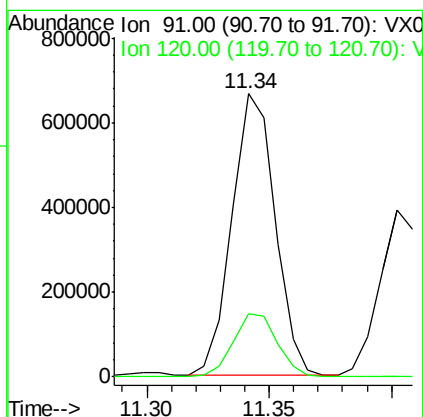
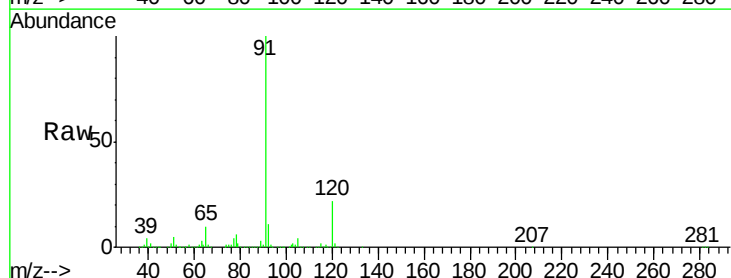
RT: 11.34 min Scan# 1682

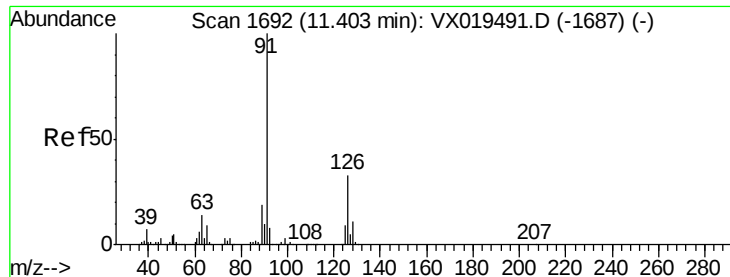
Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	91	Resp:	818398
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.019 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 492794

Ion Ratio Lower Upper

91 100

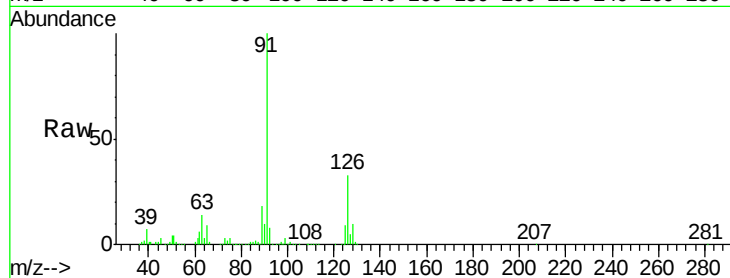
126 33.6 16.7 50.0

Manual Integrations

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

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

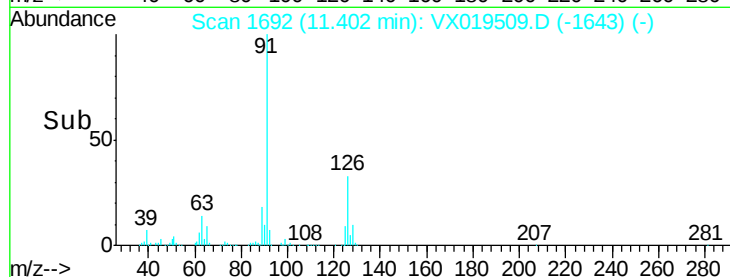
600000

400000

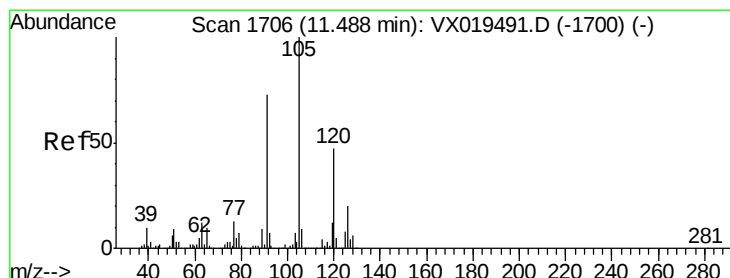
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.452 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019509.D

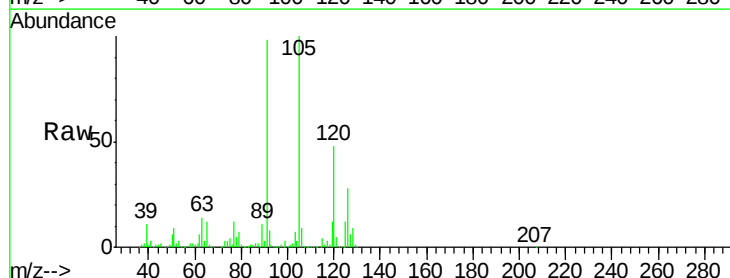
Acq: 20 Nov 2020 20:33

Tgt Ion: 105 Resp: 610550

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3



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

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

500000

400000

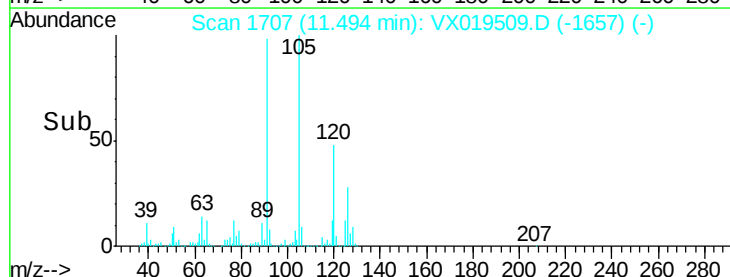
300000

200000

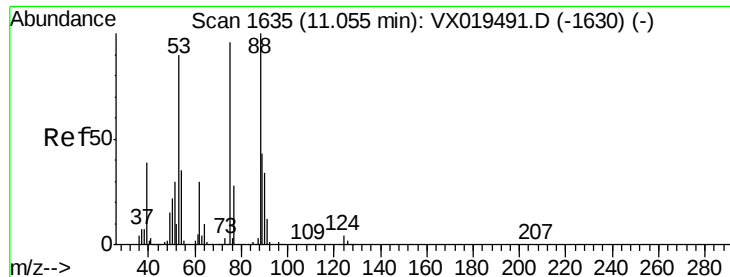
100000

0

11.50 11.60



Time-->



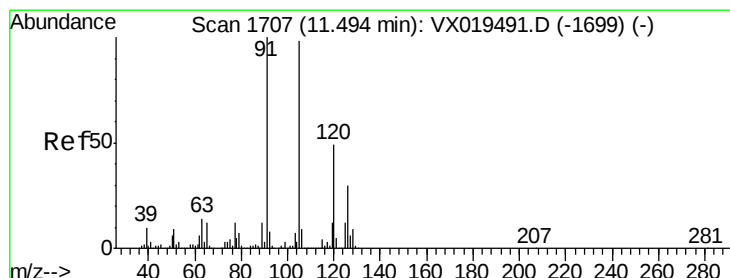
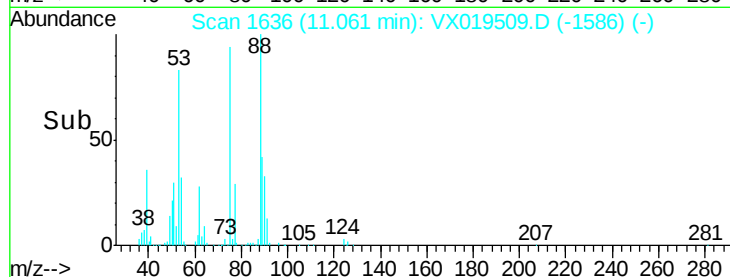
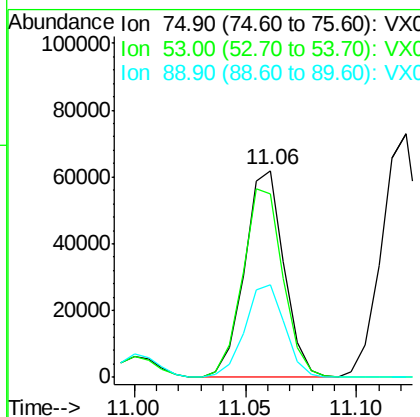
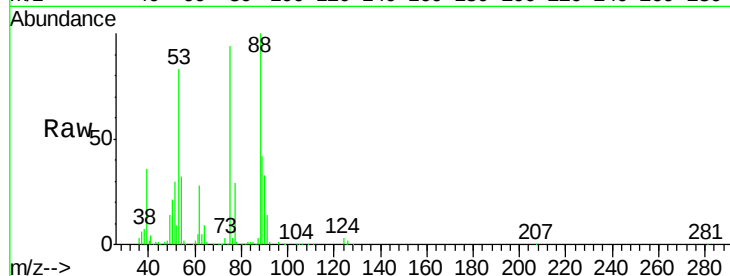
#81
trans-1,4-Dichloro-2-butene
Concen: 48.181 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	73.9	110.9
89	45.4	37.3	55.9

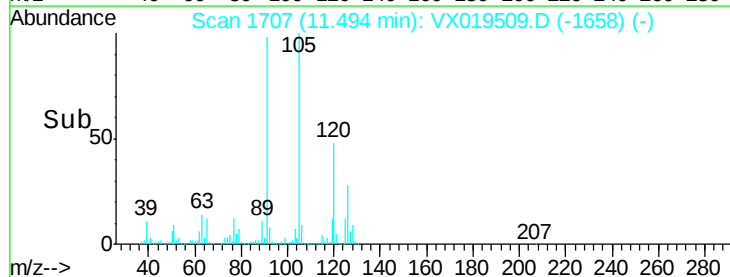
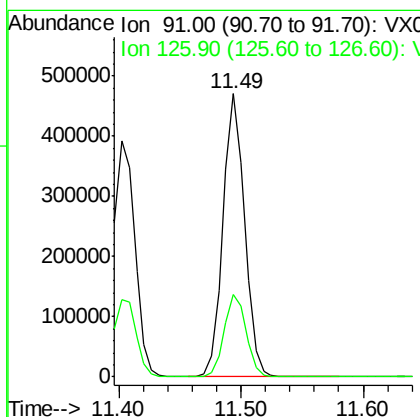
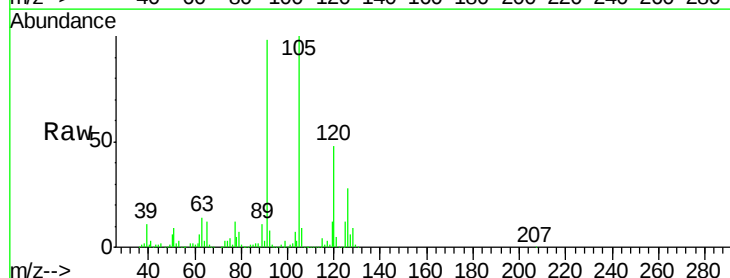
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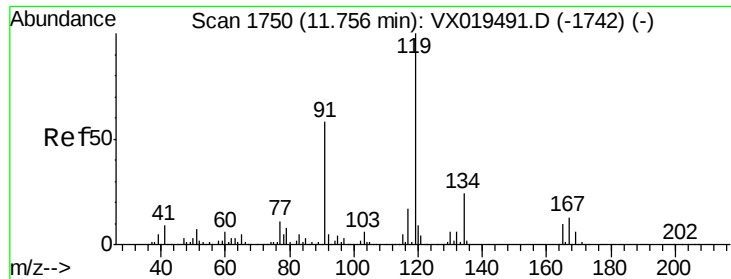
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.548 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.9	44.7





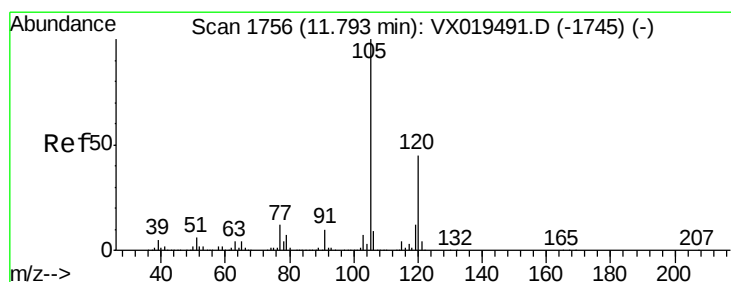
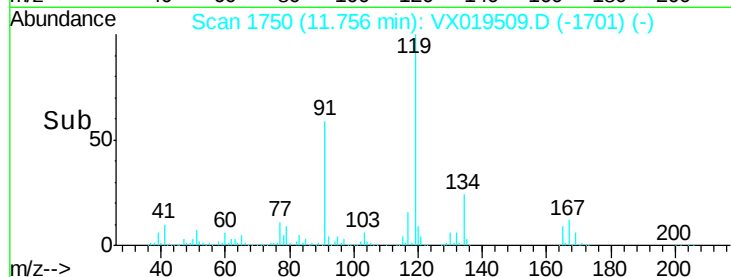
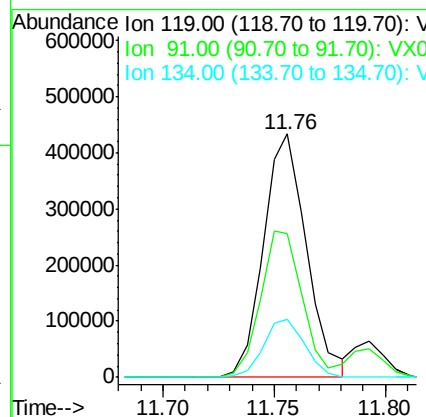
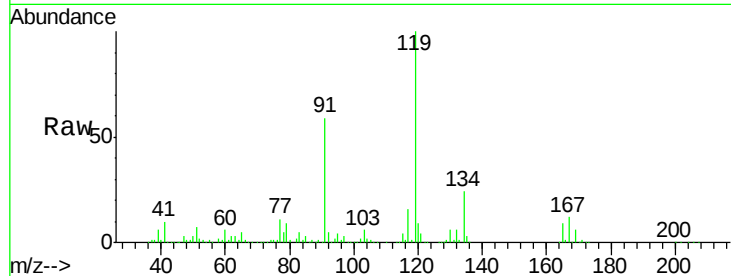
#83
 tert-Butylbenzene
 Concen: 52.564 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	580868		
91	58.0		28.9	86.8
134	23.2		11.7	35.0

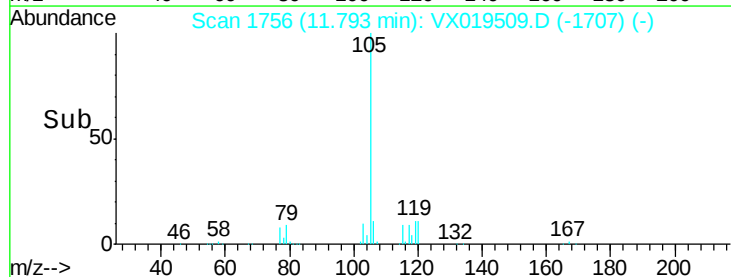
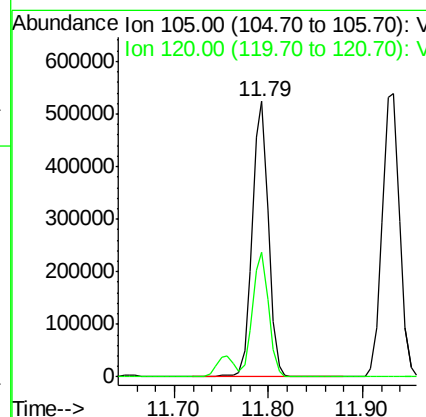
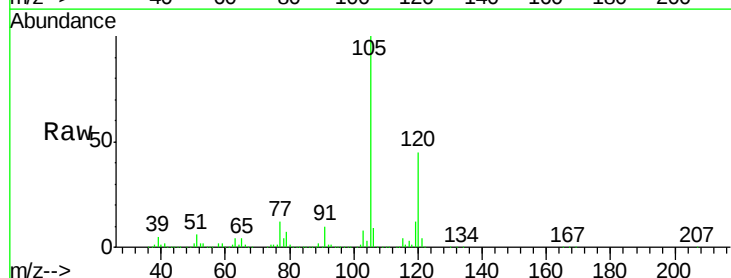
Manual Integrations
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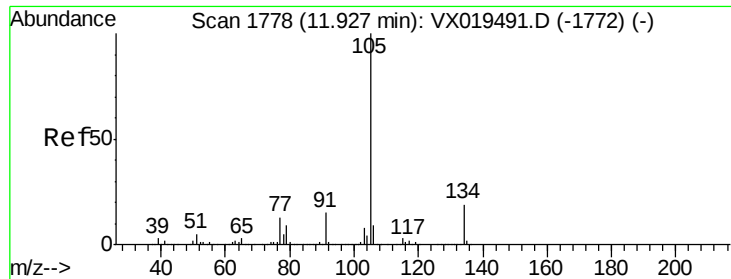
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.766 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621392		
120	44.9		22.2	66.6





#85

sec-Butylbenzene

Concen: 52.339 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 688083

Ion Ratio Lower Upper

105 100

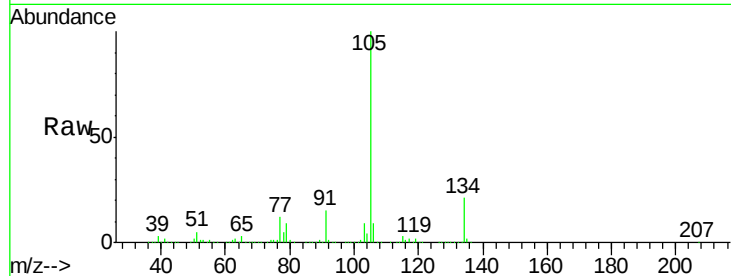
134 20.0 10.1 30.3

Manual Integrations

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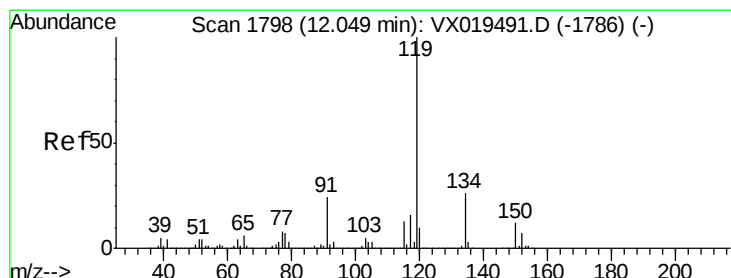
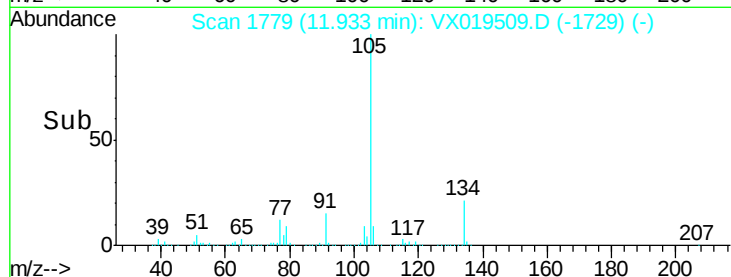
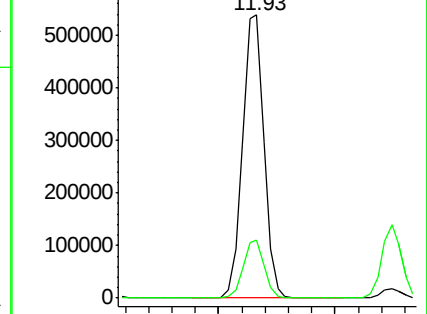
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.108 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

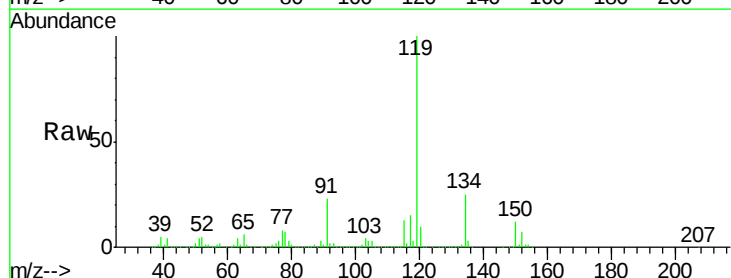
Tgt Ion:119 Resp: 633908

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

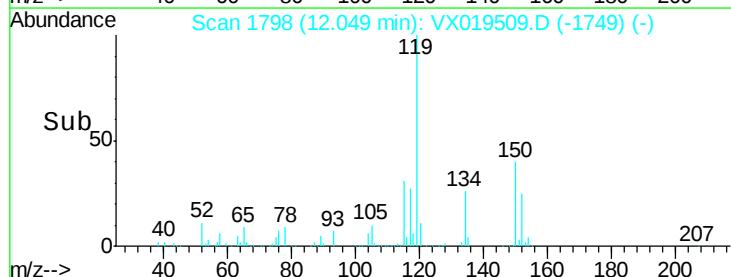
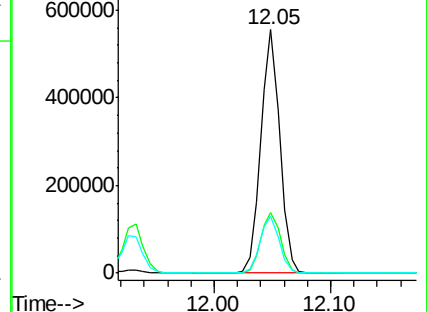
91 23.9 11.8 35.4

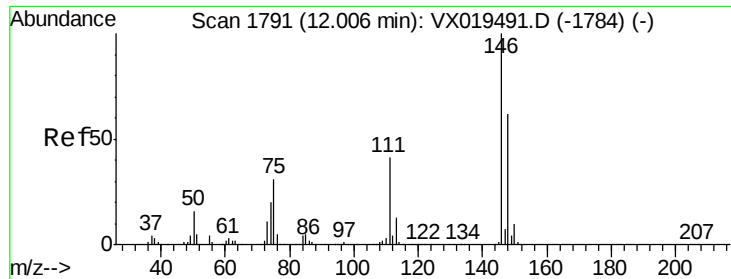


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





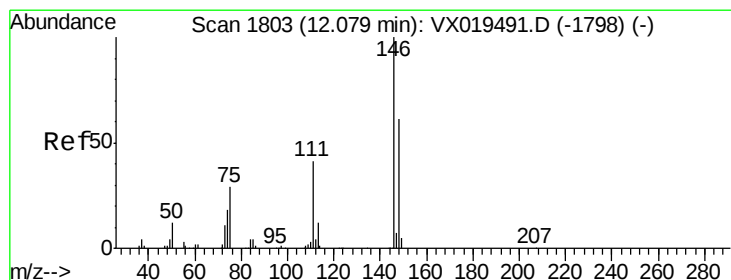
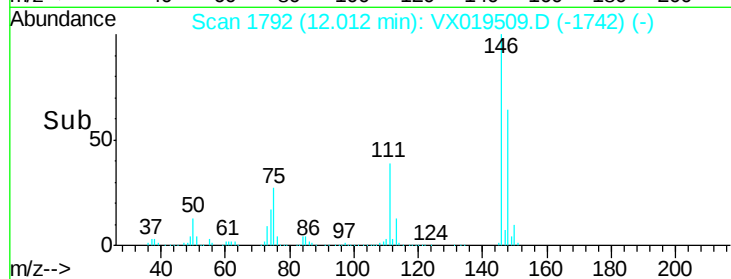
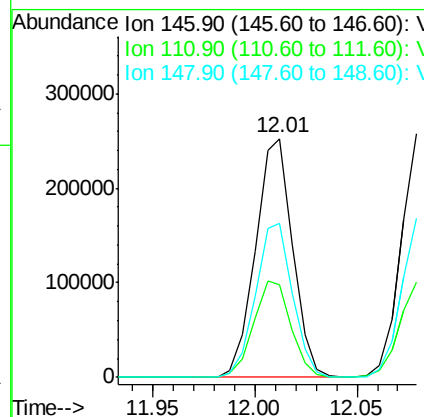
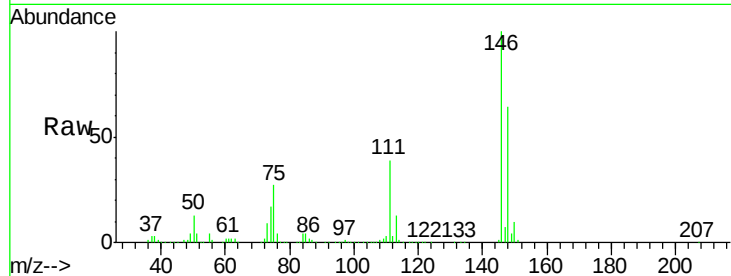
#87
 1,3-Dichlorobenzene
 Concen: 50.144 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	64.3	31.4	94.2

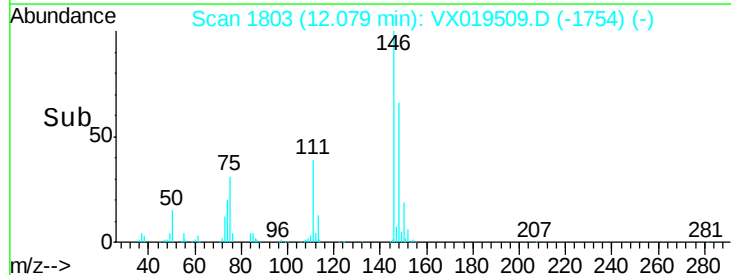
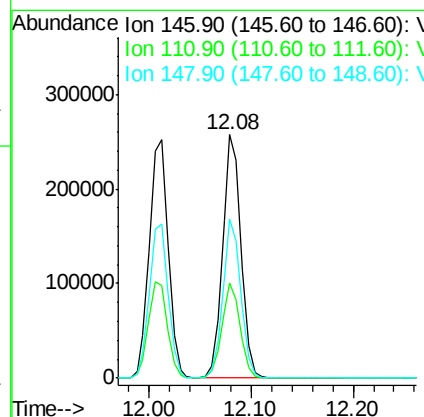
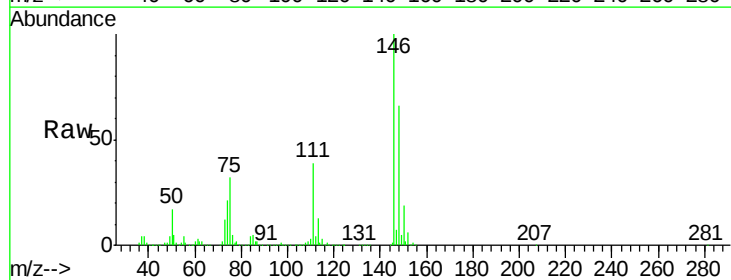
Manual Integrations
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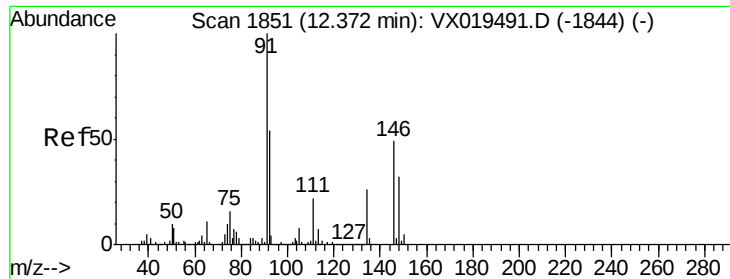
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#88
 1,4-Dichlorobenzene
 Concen: 49.498 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.9	59.6
148	64.0	31.7	95.1





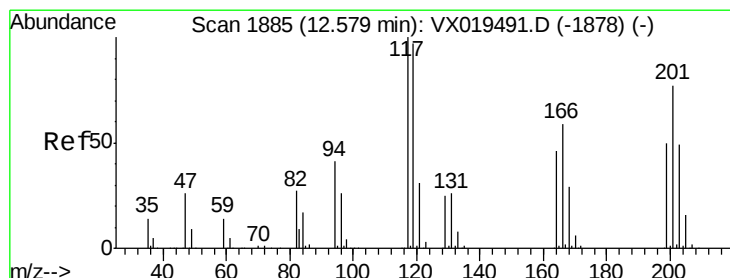
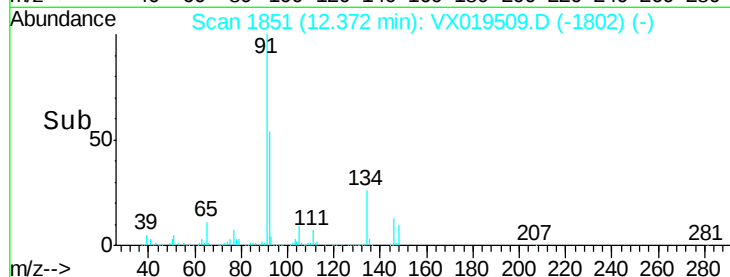
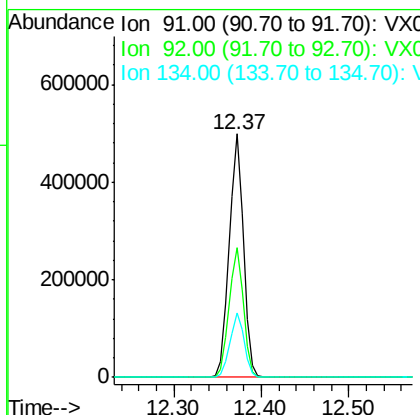
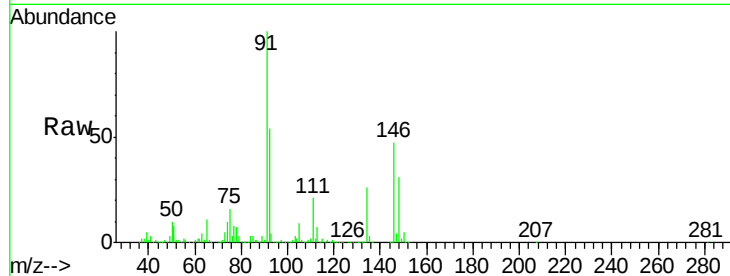
#89
n-Butylbenzene
Concen: 52.123 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.6
134	26.3	12.9	38.6

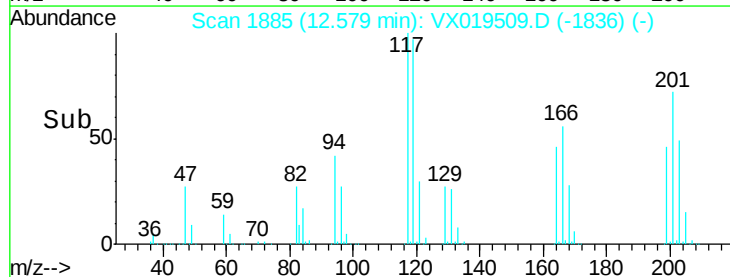
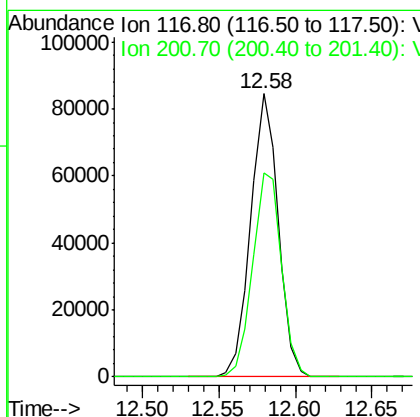
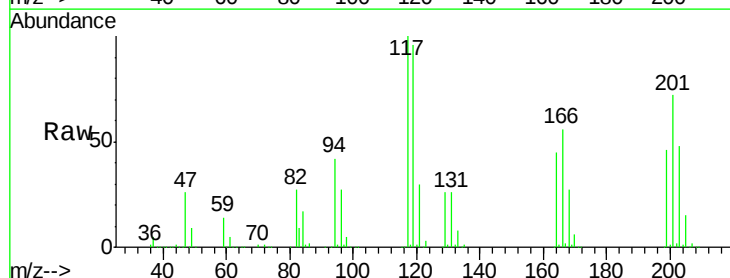
Manual Integrations
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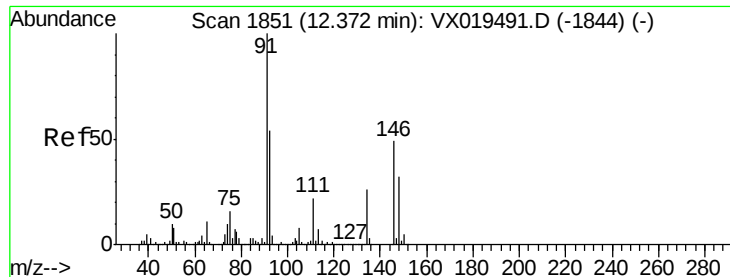
MMDadoda
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#90
Hexachloroethane
Concen: 52.952 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 49.708 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

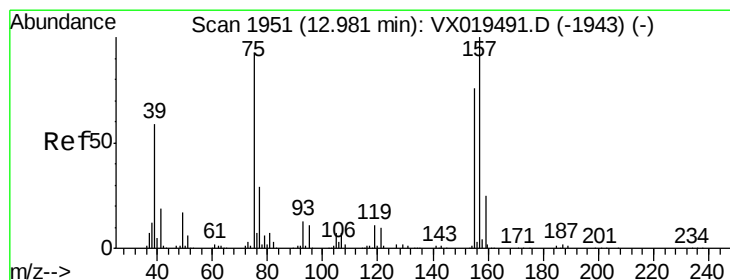
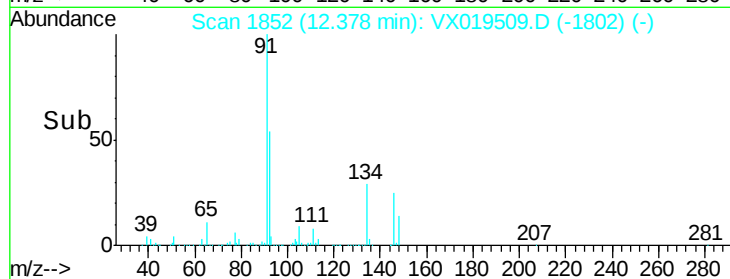
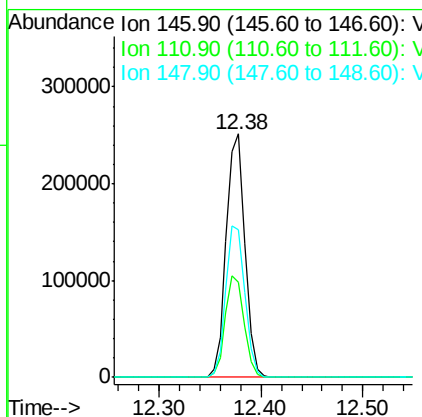
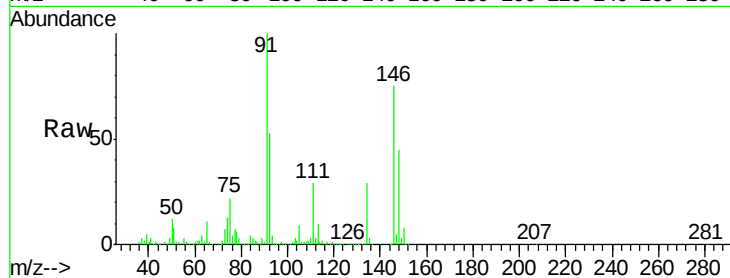
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	318708
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.1	63.3
148	64.0	32.4	97.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.962 ug/l

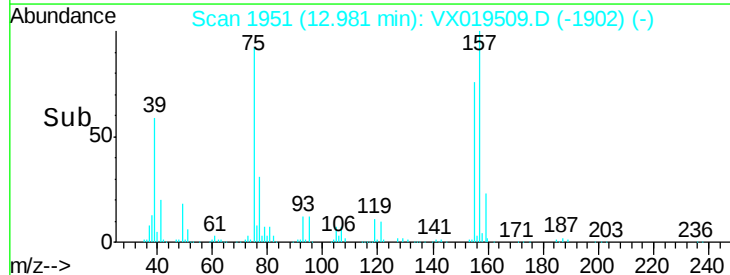
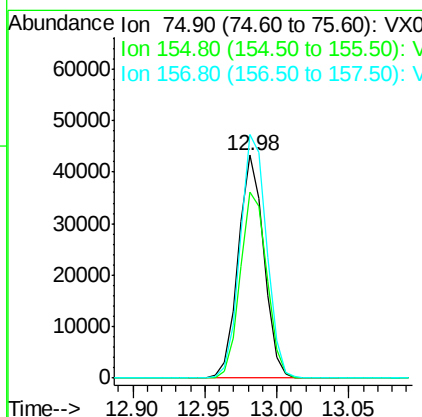
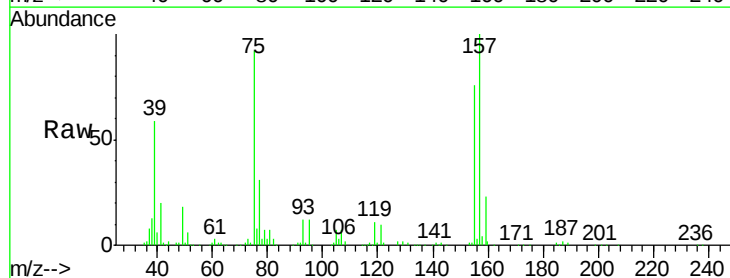
RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	75	Resp:	53606
Ion Ratio	Lower	Upper	
75	100		
155	86.3	43.6	130.9
157	112.1	57.0	170.8





#93

1,2,4-Trichlorobenzene

Concen: 50.928 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

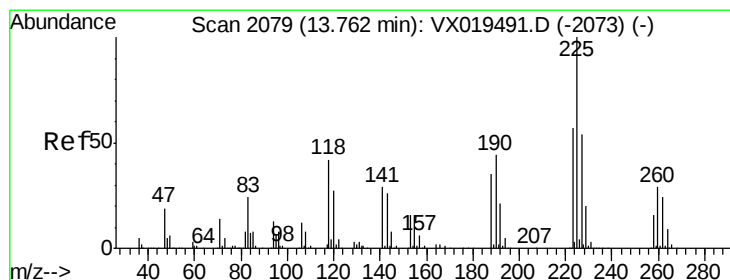
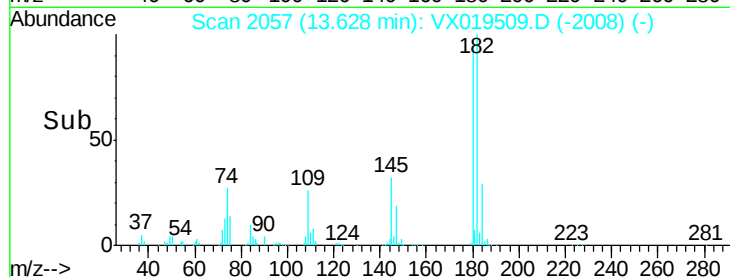
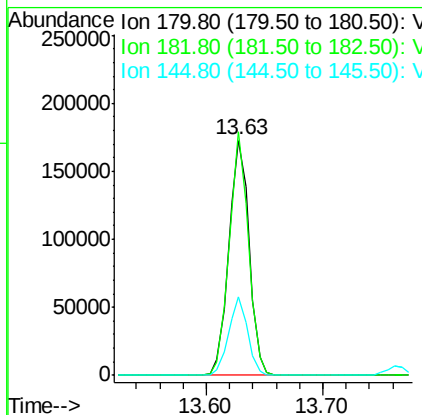
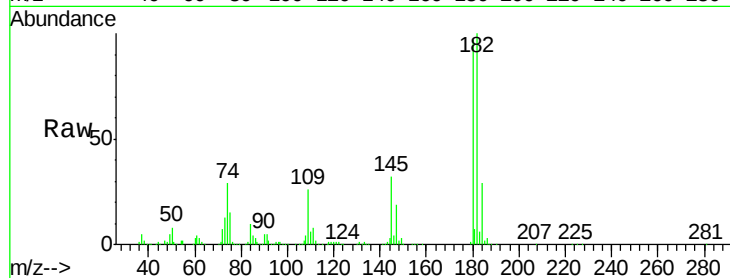
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	209637
Ion Ratio	Lower	Upper	
180	100		
182	97.9	48.6	145.9
145	31.3	15.9	47.7

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:51:14 PM



#94

Hexachlorobutadiene

Concen: 49.391 ug/l

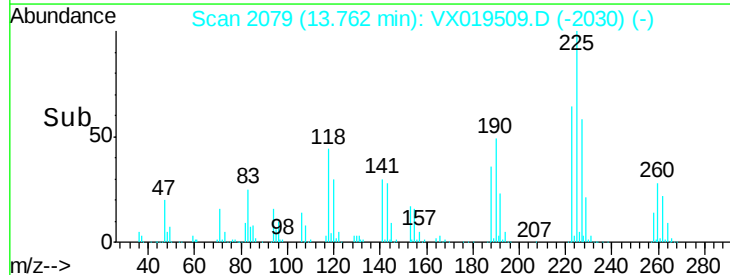
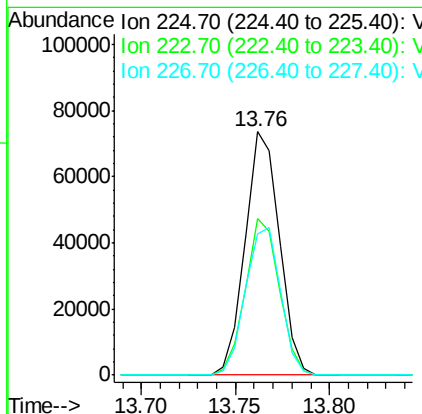
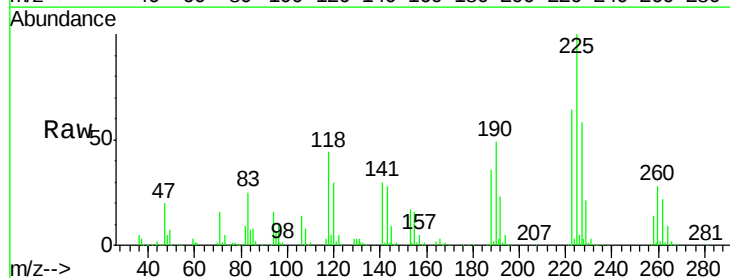
RT: 13.76 min Scan# 2079

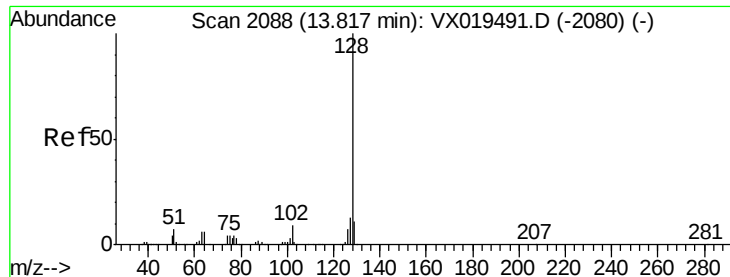
Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion:	225	Resp:	92616
Ion Ratio	Lower	Upper	
225	100		
223	64.2	32.5	97.5
227	62.4	32.8	98.3





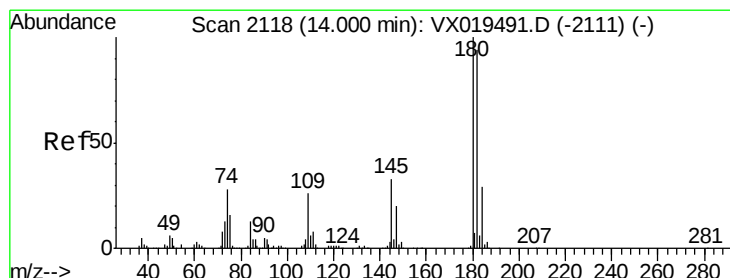
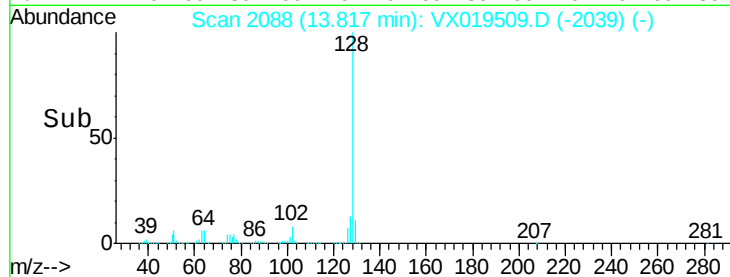
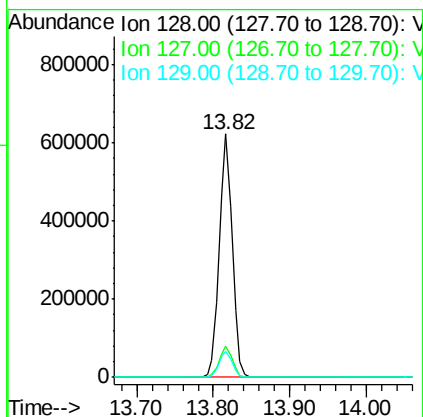
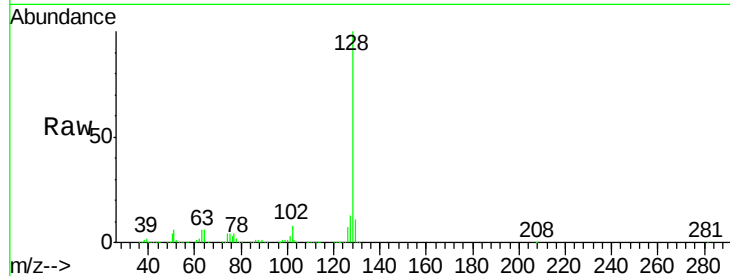
#95
Naphthalene
Concen: 50.304 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:51:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.538 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.1	144.3
145	32.3	16.6	49.8

