

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019793.D
 Acq On : 09 Dec 2020 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:34 AM

Quant Time: Dec 10 06:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172771	47.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.24%
35) Dibromofluoromethane	5.46	113	143728	49.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.06%
50) Toluene-d8	8.70	98	544643	48.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.32%
62) 4-Bromofluorobenzene	11.12	95	208668	48.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	129123	51.089	ug/l 100
3) Chloromethane	1.31	50	133841	45.029	ug/l 100
4) Vinyl Chloride	1.39	62	161094	51.401	ug/l 100
5) Bromomethane	1.62	94	44593	42.851	ug/l 100
6) Chloroethane	1.70	64	103571	55.012	ug/l 99
7) Trichlorofluoromethane	1.91	101	228580	52.370	ug/l 95
8) Diethyl Ether	2.17	74	94770	51.237	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	132883	53.115	ug/l 99
10) Methyl Iodide	2.49	142	153649	41.666	ug/l 100
11) Tert butyl alcohol	3.01	59	189643	254.293	ug/l 100
12) 1,1-Dichloroethene	2.36	96	135898	53.730	ug/l 99
13) Acrolein	2.27	56	91034	227.312	ug/l 98
14) Allyl chloride	2.70	41	215271	50.395	ug/l 99
15) Acrylonitrile	3.11	53	439920	268.211	ug/l 100
16) Acetone	2.42	43	343426	251.827	ug/l 98
17) Carbon Disulfide	2.55	76	335514	46.231	ug/l 99
18) Methyl Acetate	2.75	43	185508	55.588	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	485727	52.733	ug/l 100
20) Methylene Chloride	2.83	84	162347	52.208	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	152215	51.620	ug/l 98
22) Diisopropyl ether	3.82	45	460569	53.327	ug/l 96
23) Vinyl Acetate	3.78	43	1984842	269.748	ug/l 99
24) 1,1-Dichloroethane	3.67	63	273457	52.505	ug/l 99
25) 2-Butanone	4.63	43	555092	264.894	ug/l 100
26) 2,2-Dichloropropane	4.55	77	206819	46.112	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	178034	51.592	ug/l 98
28) Bromochloromethane	4.98	49	121368	48.884	ug/l 99
29) Tetrahydrofuran	5.08	42	361761	267.947	ug/l 99
30) Chloroform	5.17	83	284726	53.168	ug/l 98
31) Cyclohexane	5.55	56	232640	51.547	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	242244	52.527	ug/l 100
36) 1,1-Dichloropropene	5.76	75	204698	49.938	ug/l 100
37) Ethyl Acetate	4.79	43	215308	52.023	ug/l 100
38) Carbon Tetrachloride	5.75	117	207085	51.590	ug/l 99

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	244196	50.706	ug/l	98
40) Benzene	6.11	78	641198	51.208	ug/l	99
41) Methacrylonitrile	4.99	41	117571	51.740	ug/l	98
42) 1,2-Dichloroethane	6.16	62	221705	51.823	ug/l	100
43) Isopropyl Acetate	6.41	43	342561	50.911	ug/l	100
44) Trichloroethene	7.18	130	165186	50.280	ug/l	99
45) 1,2-Dichloropropane	7.49	63	162685	51.985	ug/l	100
46) Dibromomethane	7.63	93	109975	52.038	ug/l	99
47) Bromodichloromethane	7.87	83	219405	52.319	ug/l	98
48) Methyl methacrylate	7.74	41	173240	52.350	ug/l	99
49) 1,4-Dioxane	7.71	88	83558	1042.326	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1097317	267.113	ug/l	99
52) Toluene	8.76	92	400670	51.162	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	237055	50.940	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258455	51.122	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	166616	52.794	ug/l	99
56) Ethyl methacrylate	9.16	69	253600	53.112	ug/l	100
57) 1,3-Dichloropropane	9.35	76	279243	51.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	682323	269.744	ug/l	100
59) 2-Hexanone	9.47	43	840295	263.887	ug/l	100
60) Dibromochloromethane	9.56	129	170937	53.311	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173210	51.686	ug/l	100
64) Tetrachloroethene	9.32	164	141199	49.872	ug/l	95
65) Chlorobenzene	10.12	112	421558	50.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	159822	52.792	ug/l	99
67) Ethyl Benzene	10.23	91	767957	51.437	ug/l	98
68) m/p-Xylenes	10.34	106	577340	102.623	ug/l	100
69) o-Xylene	10.68	106	281375	51.993	ug/l	99
70) Styrene	10.70	104	478776	52.414	ug/l	100
71) Bromoform	10.84	173	124913	52.450	ug/l #	98
73) Isopropylbenzene	11.00	105	747199	51.413	ug/l	100
74) N-amyl acetate	10.88	43	301505	51.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	266508	52.013	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	243114m	50.956	ug/l	
77) Bromobenzene	11.24	156	187348	50.373	ug/l	99
78) n-propylbenzene	11.34	91	850324	51.227	ug/l	100
79) 2-Chlorotoluene	11.40	91	520350	50.904	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	639343	52.125	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	82750	50.139	ug/l	98
82) 4-Chlorotoluene	11.49	91	602504	50.327	ug/l	99
83) tert-Butylbenzene	11.76	119	623643	51.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	643315	52.067	ug/l	100
85) sec-Butylbenzene	11.93	105	725779	52.844	ug/l	99
86) p-Isopropyltoluene	12.05	119	659938	52.429	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341313	50.001	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	338744	48.722	ug/l	99
89) n-Butylbenzene	12.37	91	575993	51.650	ug/l	99
90) Hexachloroethane	12.58	117	112919	51.961	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	340960	51.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58543	53.148	ug/l	98

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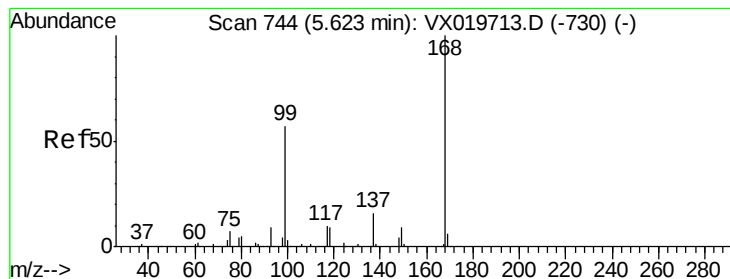
Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:31:34 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217625	50.240	ug/l	99
94) Hexachlorobutadiene	13.76	225	94545	48.834	ug/l	97
95) Naphthalene	13.82	128	767609	54.660	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	222457	52.549	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 276055

Ion Ratio Lower Upper

168 100

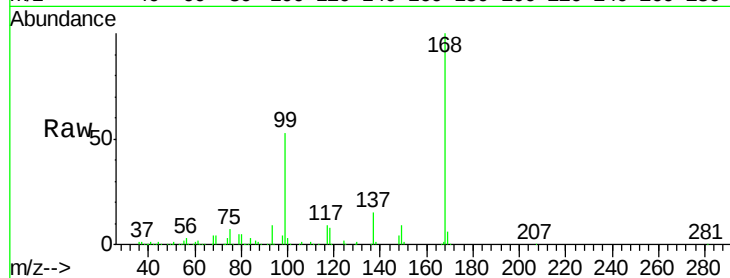
99 53.3 45.8 68.6

Manual Integrations

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12/10/2020 9:31:34 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

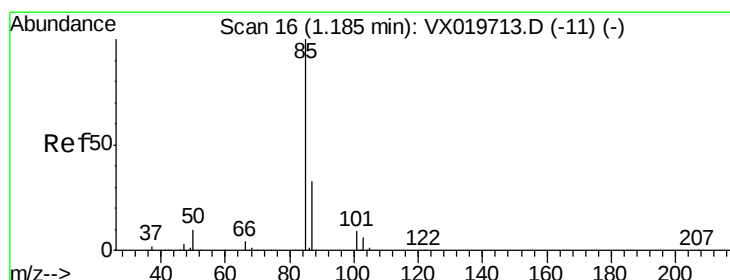
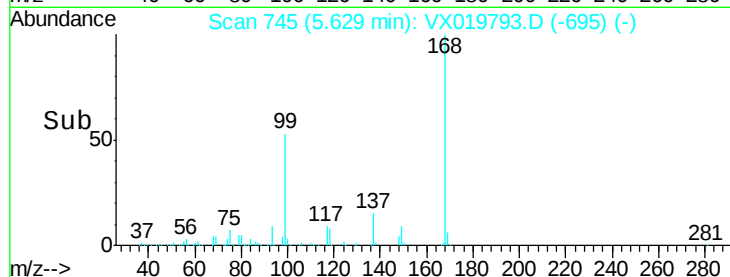
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.089 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019793.D

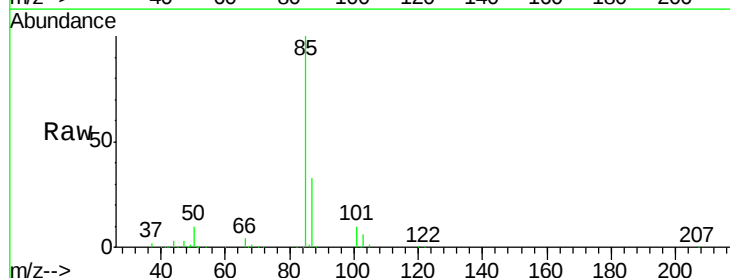
Acq: 09 Dec 2020 20:50

Tgt Ion: 85 Resp: 129123

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

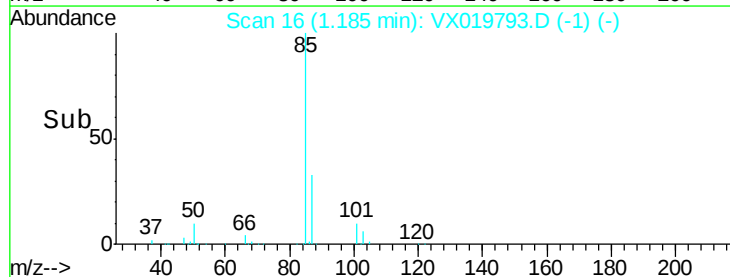
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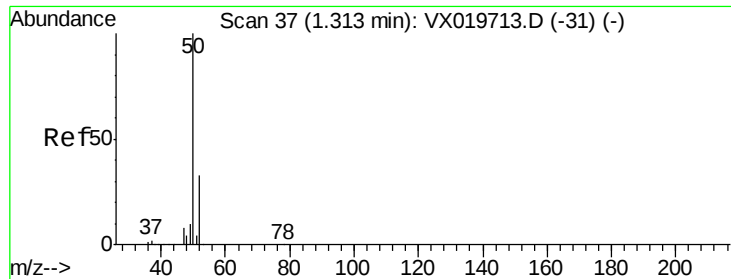
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.029 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 133841

Ion Ratio Lower Upper

50 100

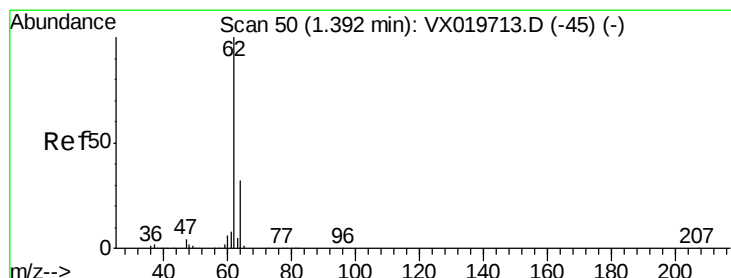
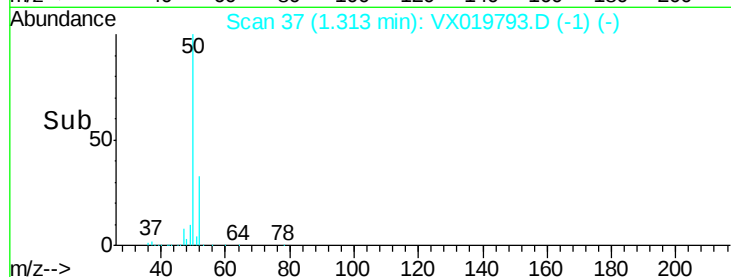
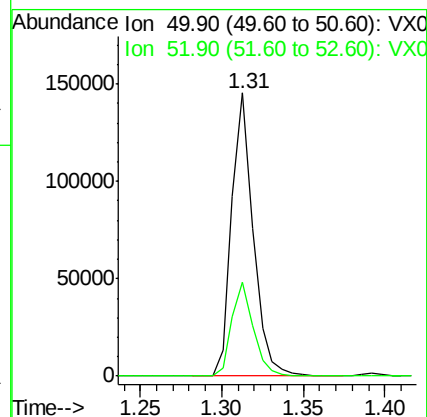
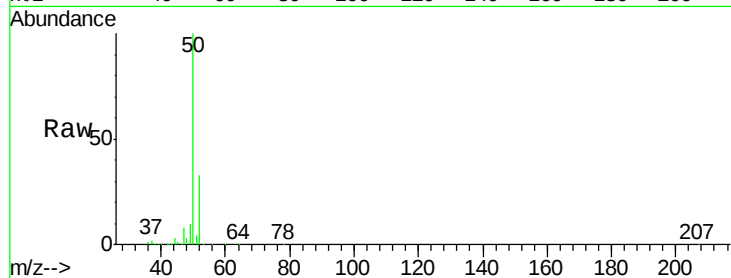
52 33.2 26.4 39.6

Manual Integrations

APPROVED

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12/10/2020 9:31:34 AM



#4

Vinyl Chloride

Concen: 51.401 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019793.D

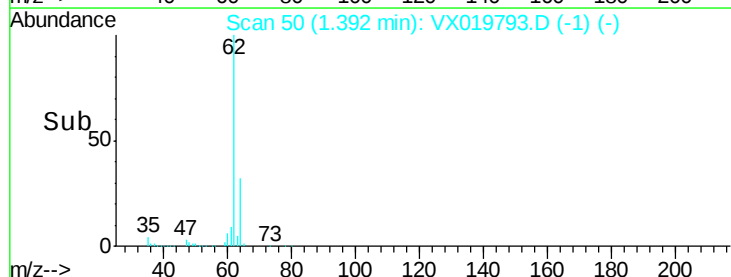
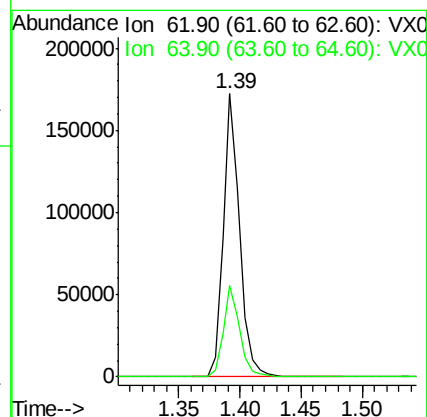
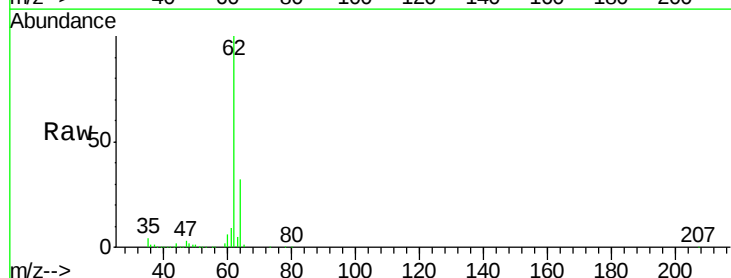
Acq: 09 Dec 2020 20:50

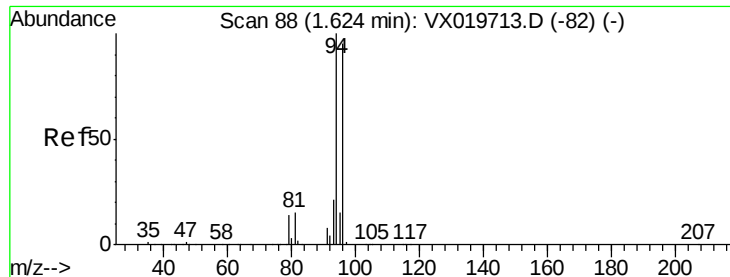
Tgt Ion: 62 Resp: 161094

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 42.851 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 44593

Ion Ratio Lower Upper

94 100

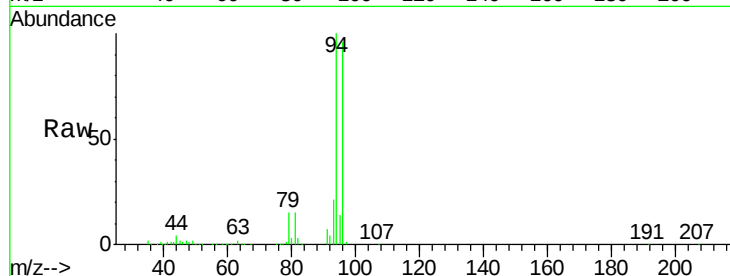
96 95.9 76.4 114.6

Manual Integrations

APPROVED

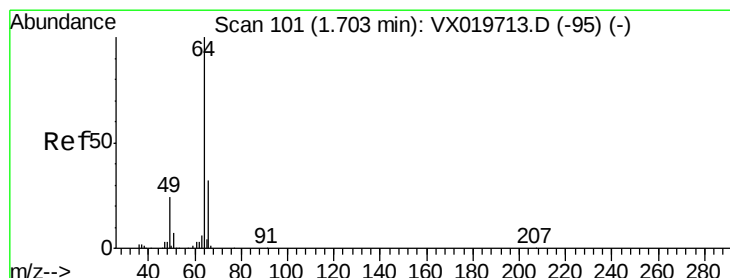
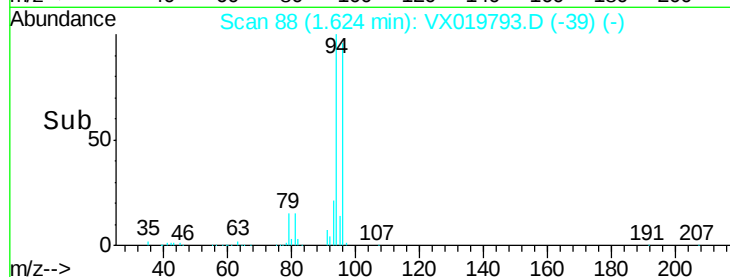
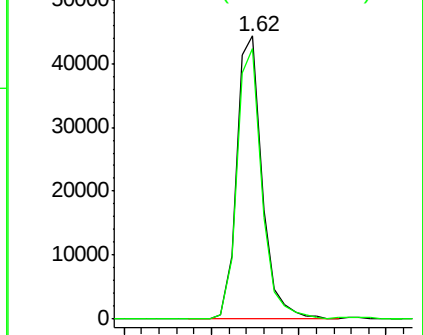
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12/10/2020 9:31:34 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.012 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019793.D

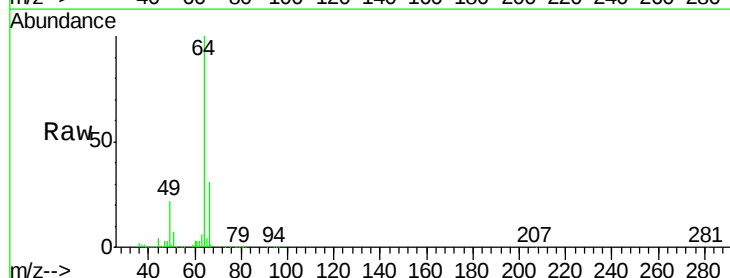
Acq: 09 Dec 2020 20:50

Tgt Ion: 64 Resp: 103571

Ion Ratio Lower Upper

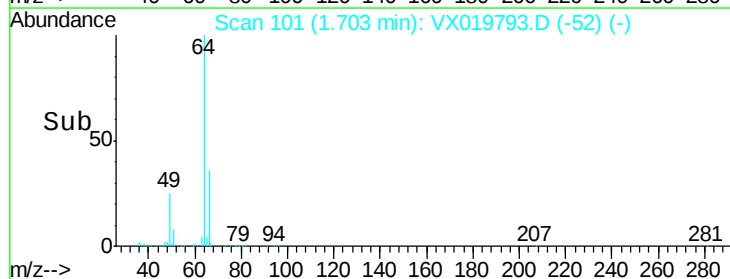
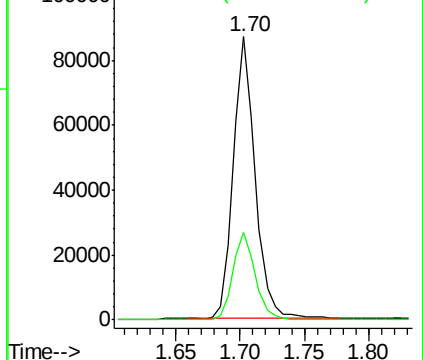
64 100

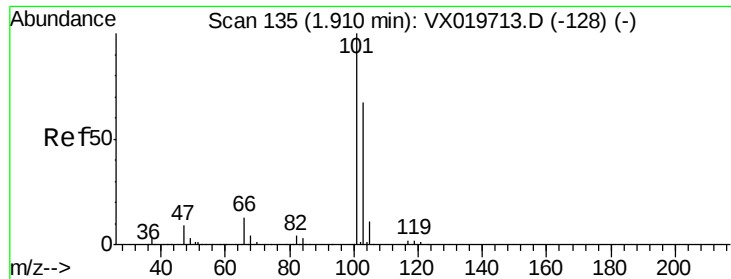
66 30.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

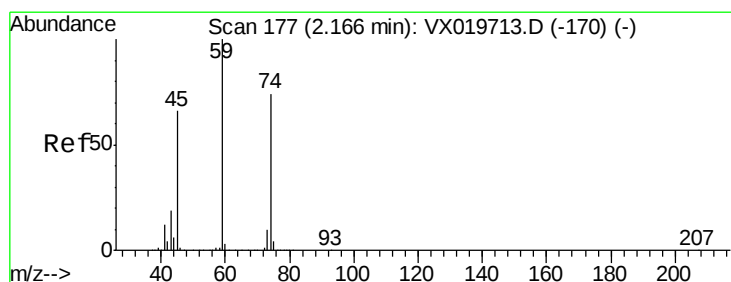
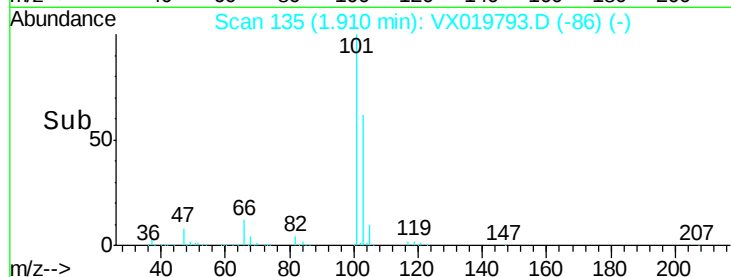
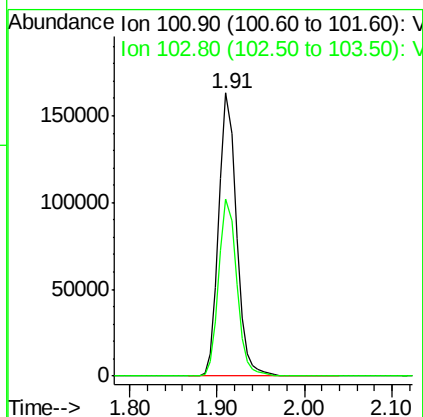
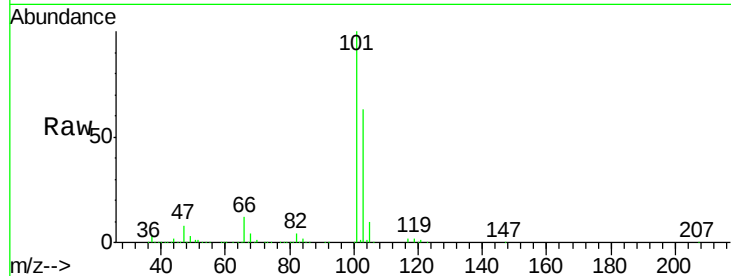
Trichlorofluoromethane
Concen: 52.370 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	53.2	79.8

Manual Integrations
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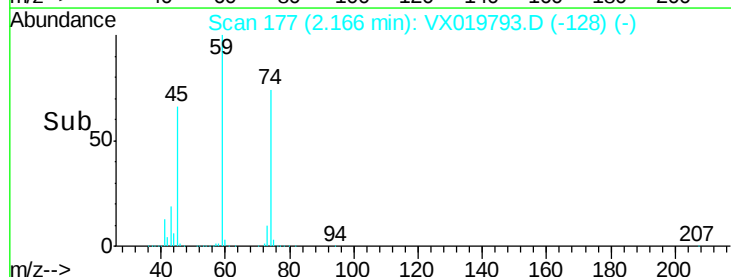
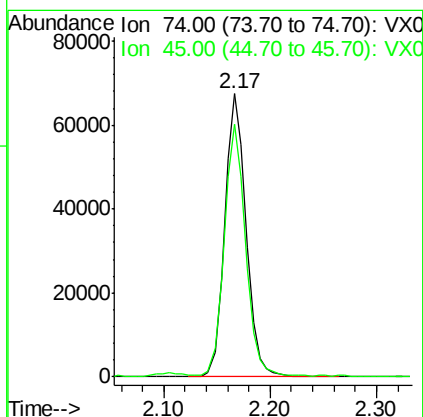
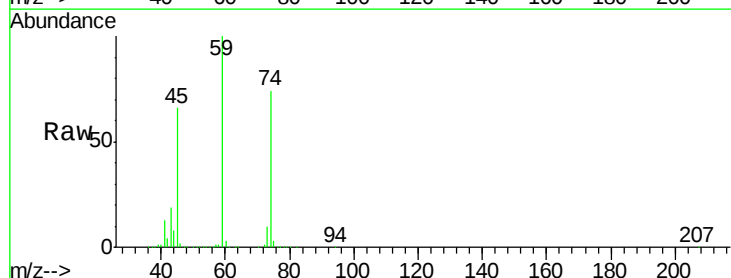
MMDadoda
12/10/2020 9:31:34 AM

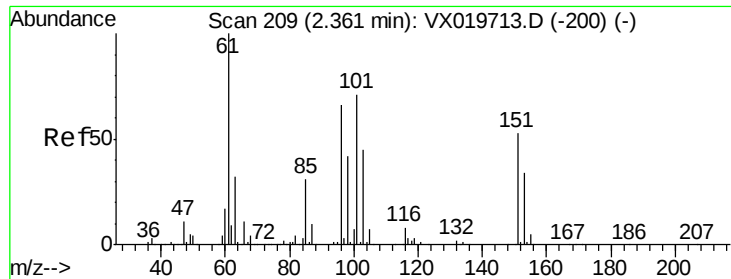


#8

Diethyl Ether
Concen: 51.237 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	44.5	133.5





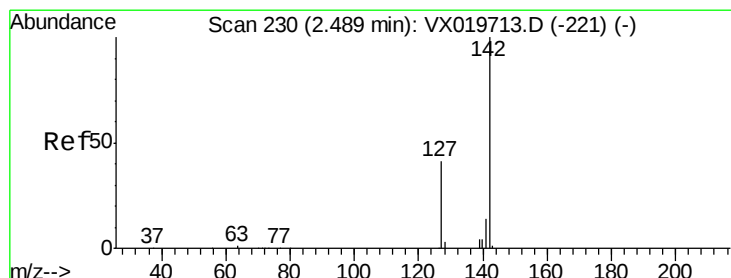
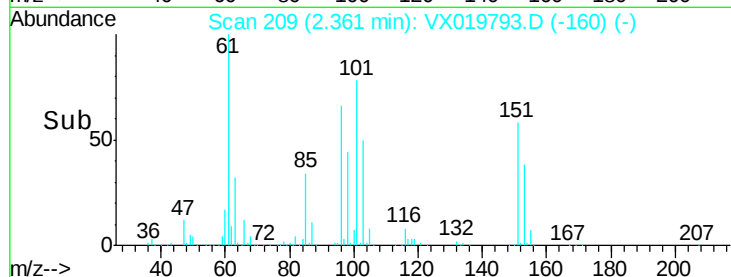
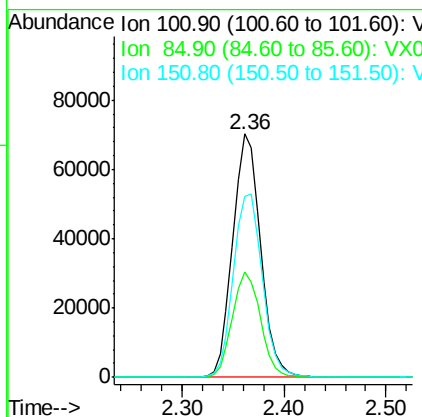
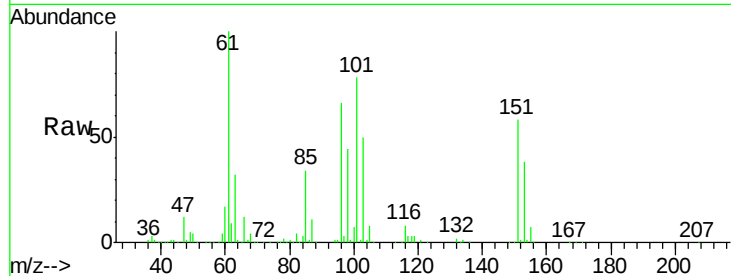
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.115 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	132883		
85	43.6		34.9	52.3
151	78.4		61.4	92.2

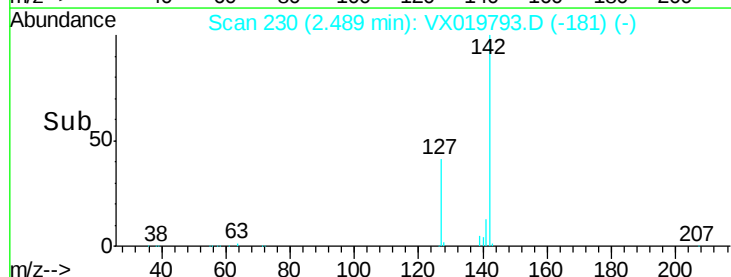
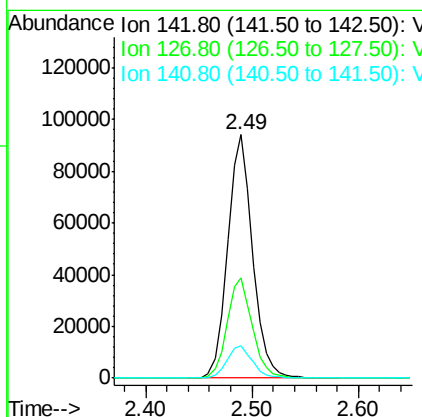
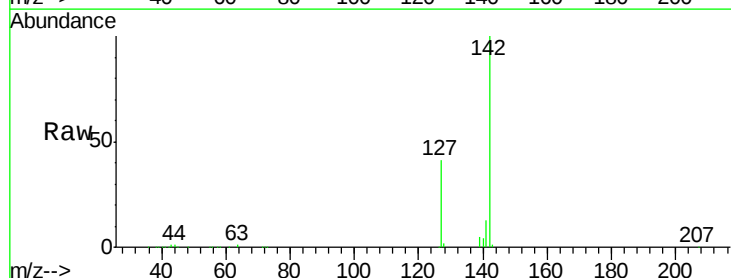
Manual Integrations
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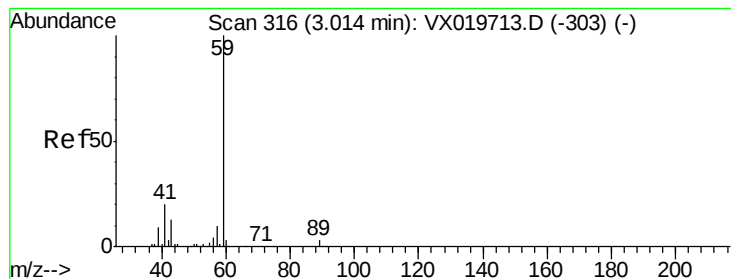
MMDadoda
12/10/2020 9:31:34 AM



#10
Methyl Iodide
Concen: 41.666 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	153649		
127	41.7		33.3	49.9
141	13.6		11.4	17.0





#11

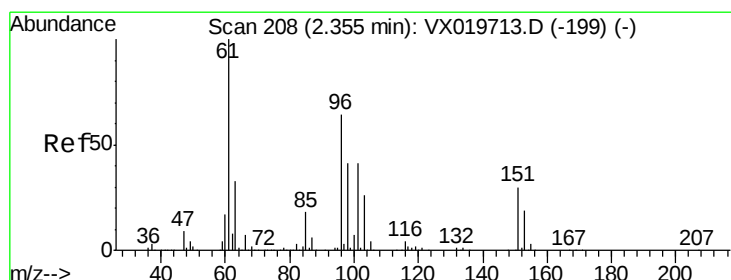
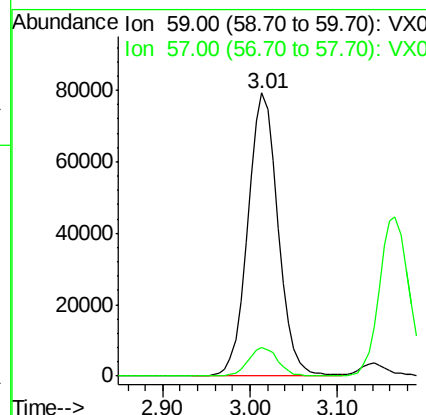
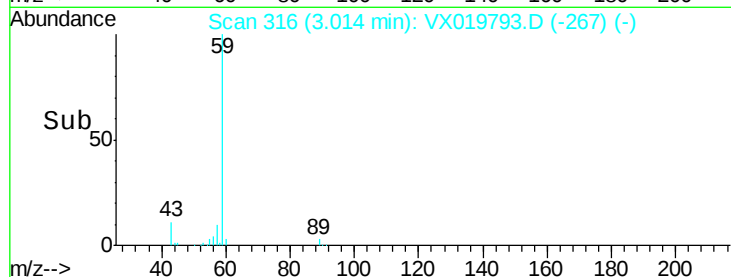
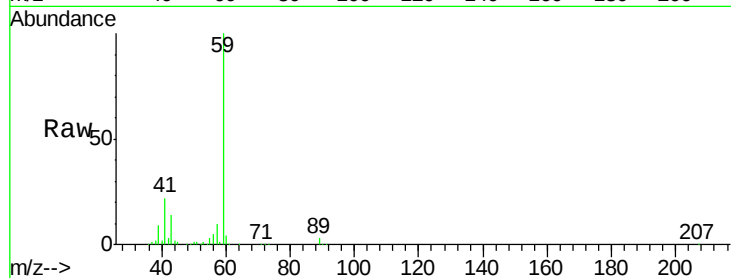
Tert butyl alcohol
Concen: 254.293 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	189643
Ion Ratio	100	Lower	Upper
57	9.9	7.8	11.8

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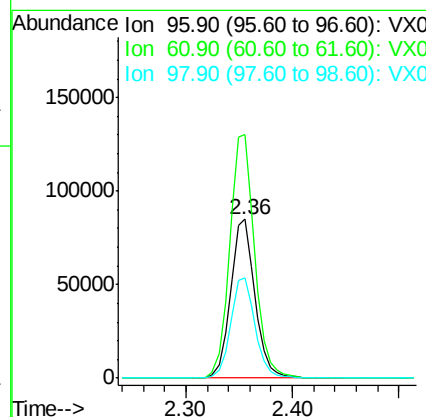
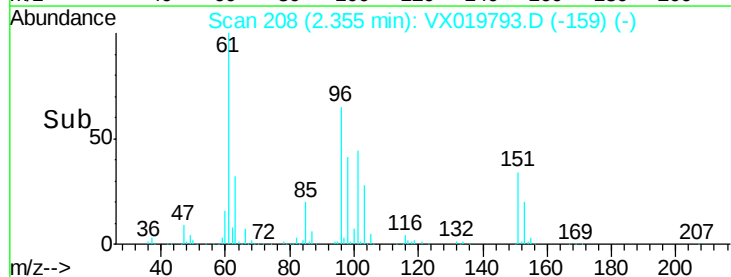
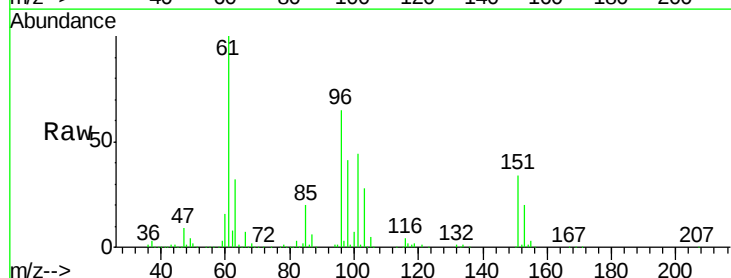
MMDadoda
12/10/2020 9:31:34 AM

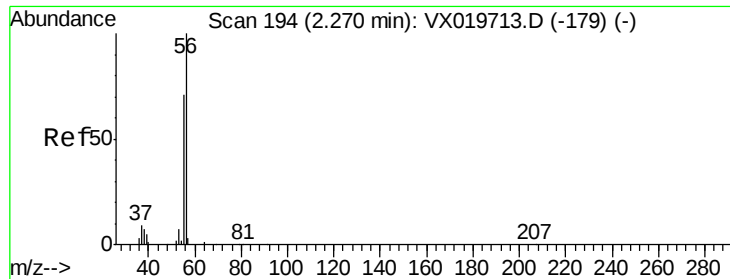


#12

1,1-Dichloroethene
Concen: 53.730 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	96	Resp	135898
Ion Ratio	100	Lower	Upper
61	153.6	124.6	187.0
98	63.6	50.6	76.0





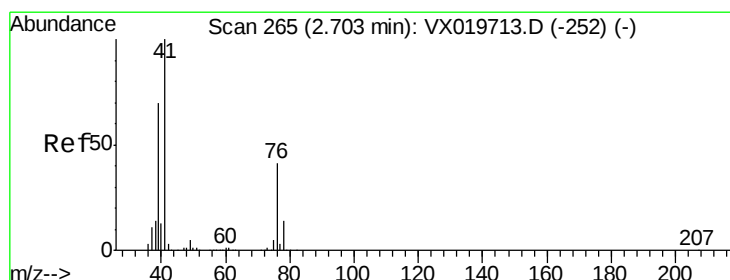
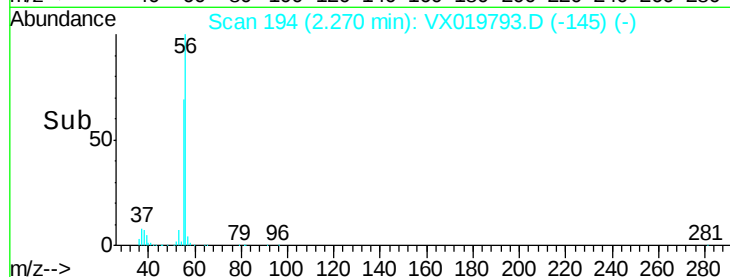
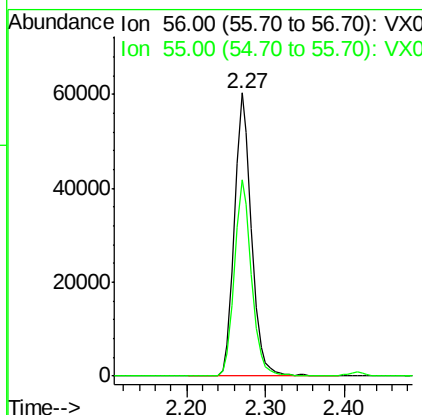
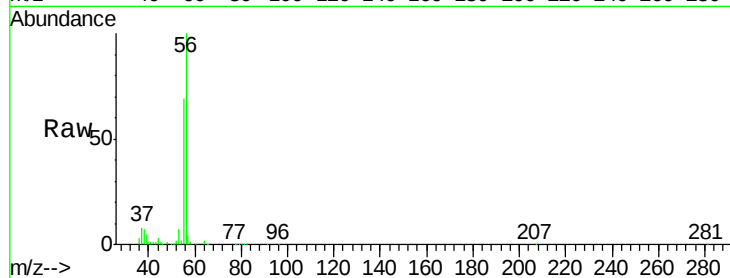
#13
Acrolein
Concen: 227.312 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	91034
Ion Ratio	Lower	Upper	
56	100		
55	69.2	56.4	84.6

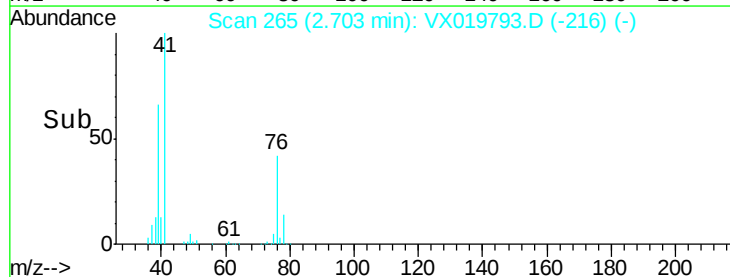
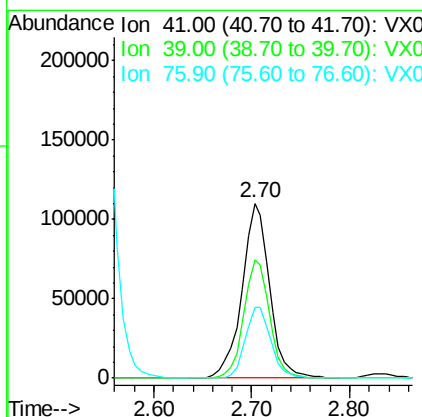
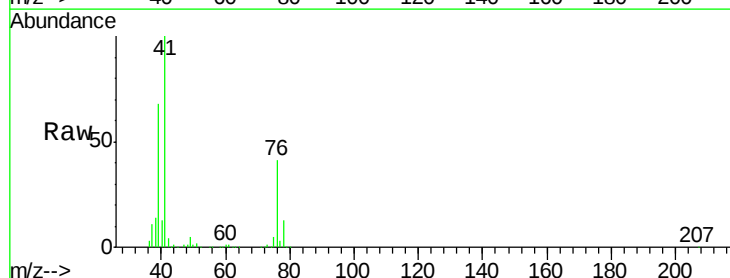
Manual Integrations
APPROVED

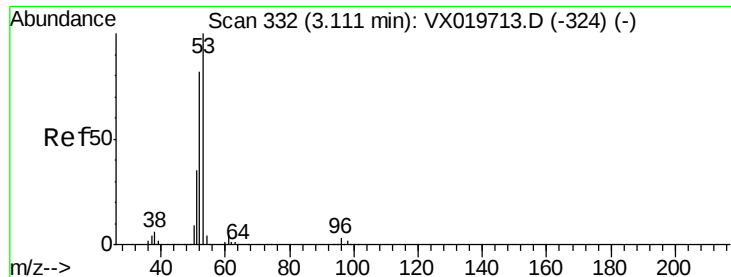
MMDadoda
12/10/2020 9:31:34 AM



#14
Allyl chloride
Concen: 50.395 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	41	Resp	215271
Ion Ratio	Lower	Upper	
41	100		
39	63.5	51.6	77.4
76	37.4	30.5	45.7





#15

Acrylonitrile

Concen: 268.211 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

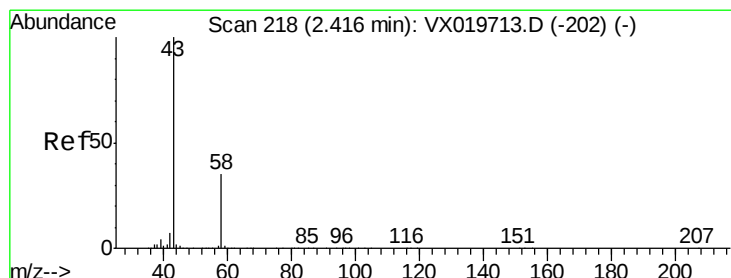
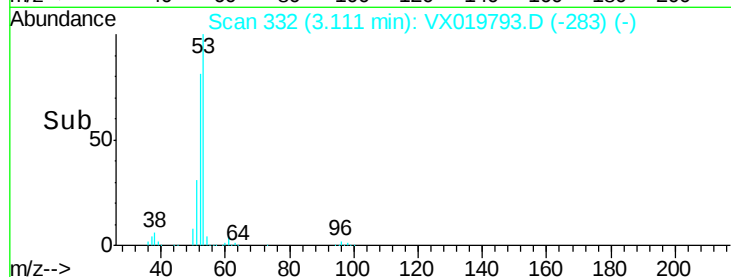
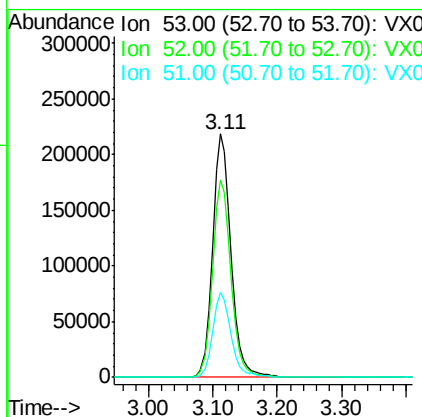
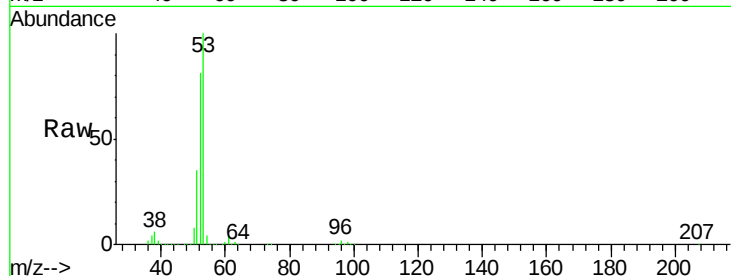
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	439920
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	35.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 251.827 ug/l

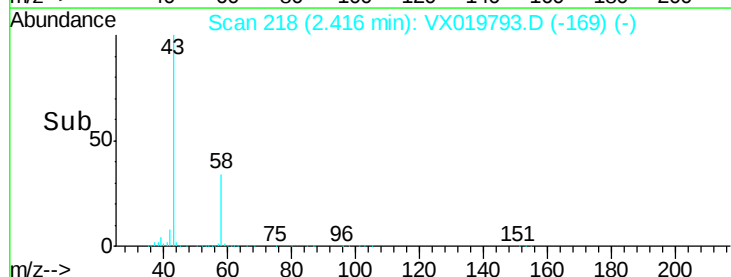
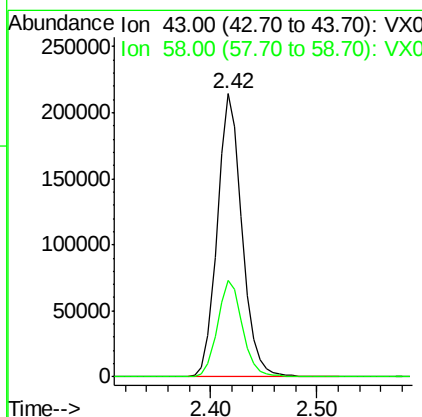
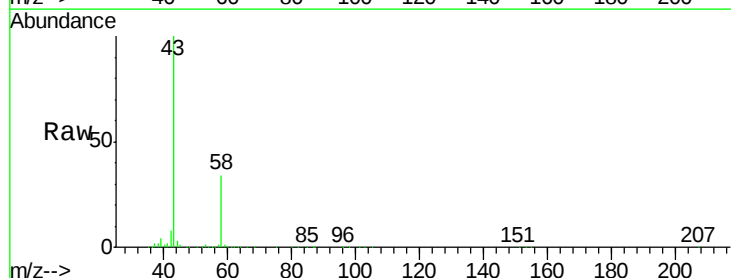
RT: 2.42 min Scan# 218

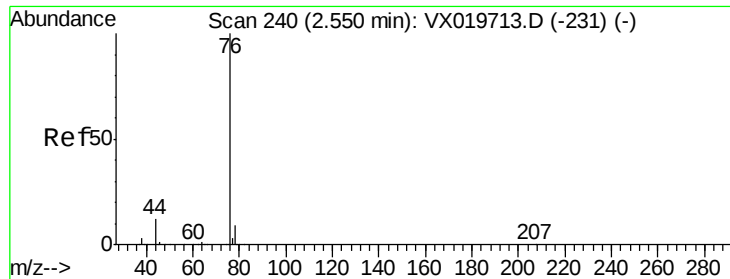
Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion:	43	Resp:	343426
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.8	41.8





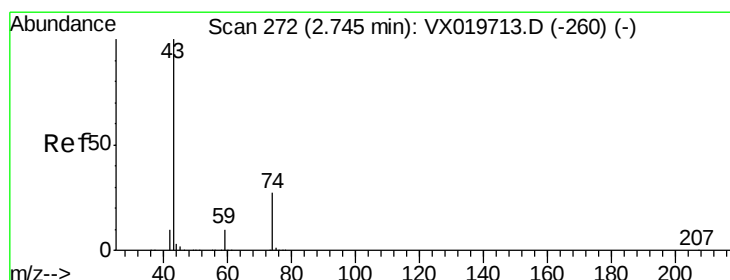
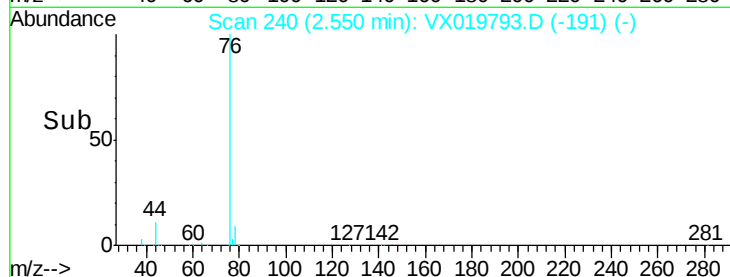
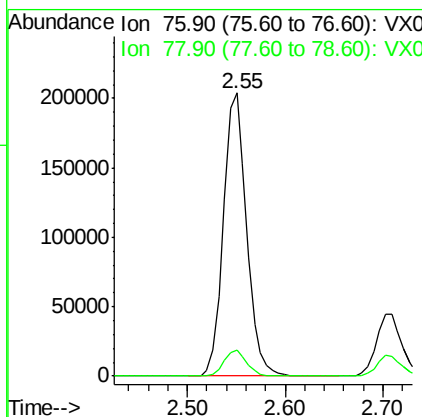
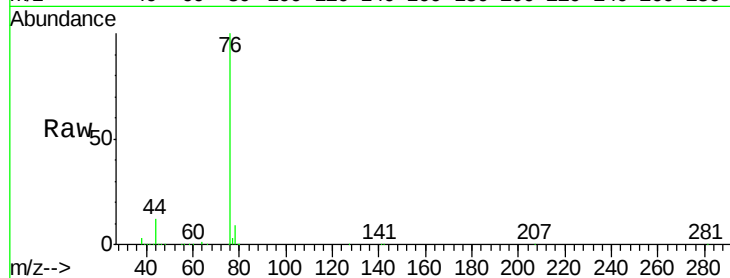
#17
Carbon Disulfide
Concen: 46.231 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

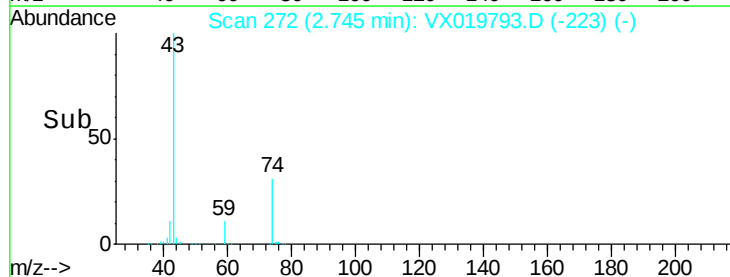
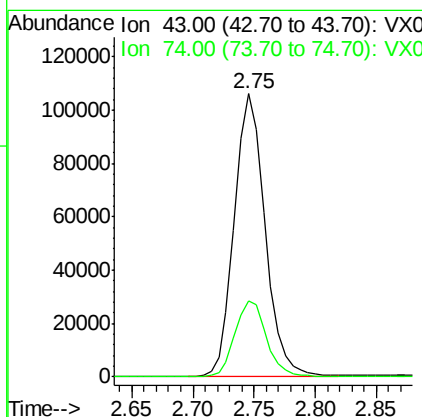
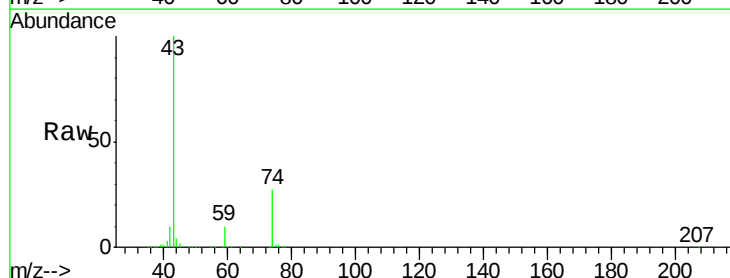
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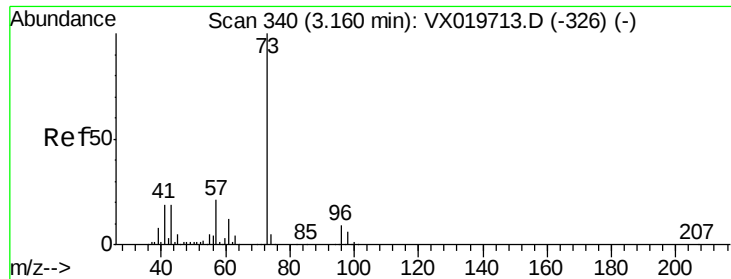
MMDadoda
12/10/2020 9:31:34 AM



#18
Methyl Acetate
Concen: 55.588 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.9	32.9





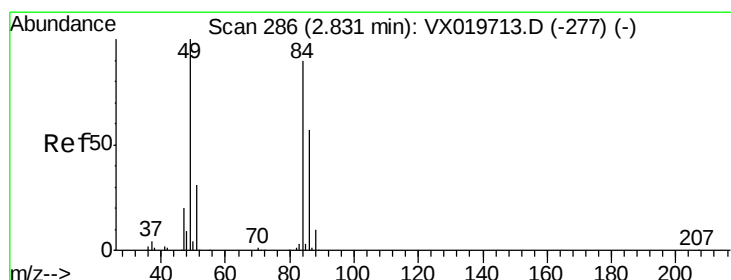
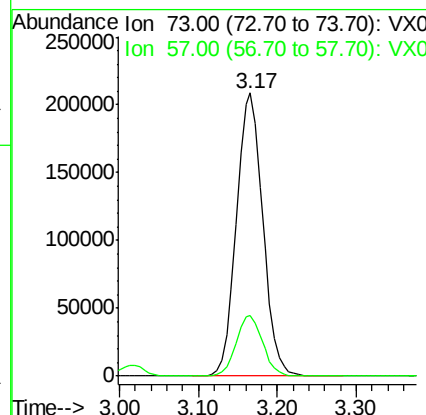
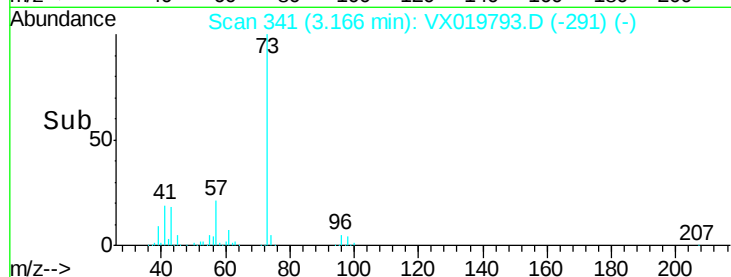
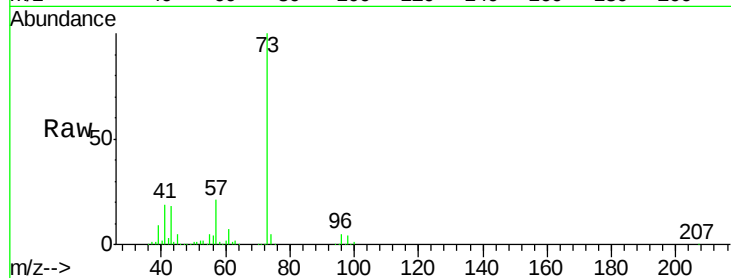
#19
Methvl tert-butvl Ether
Concen: 52.733 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.1	25.7

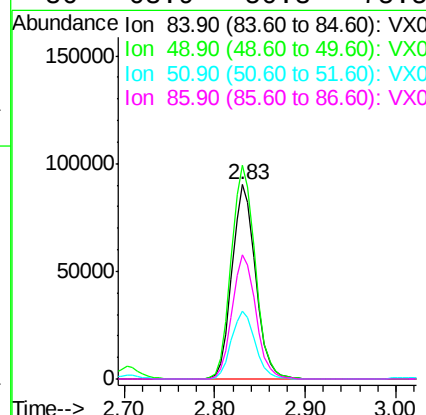
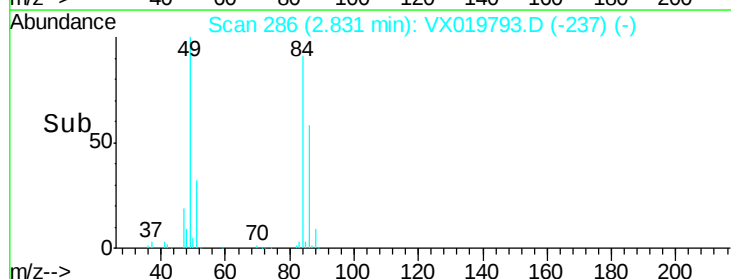
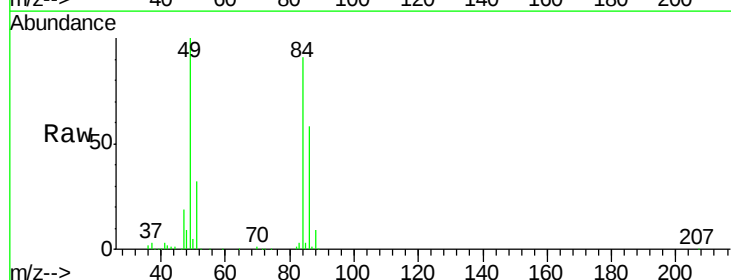
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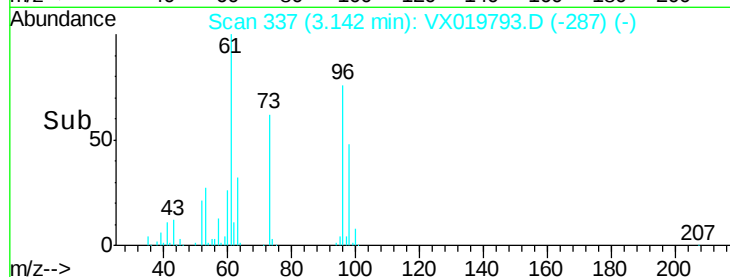
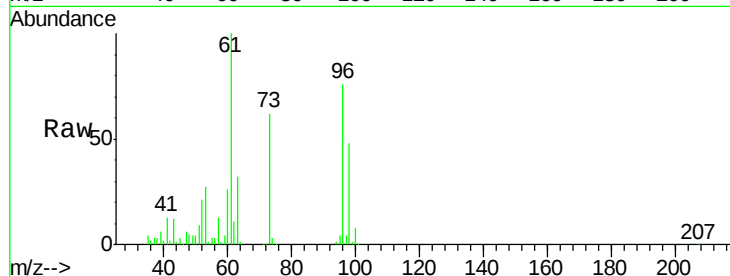
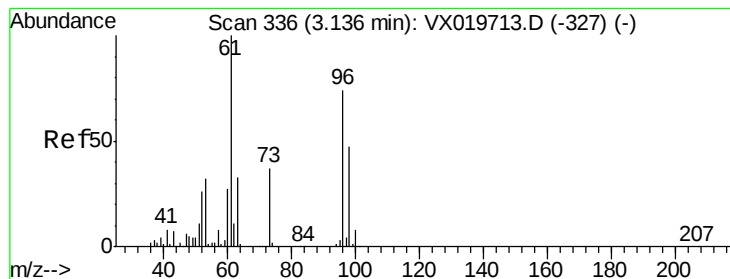
MMDadoda
12/10/2020 9:31:34 AM



#20
Methylene Chloride
Concen: 52.208 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.9	88.6	132.8
51	34.7	27.0	40.6
86	63.9	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 51.620 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019793.D

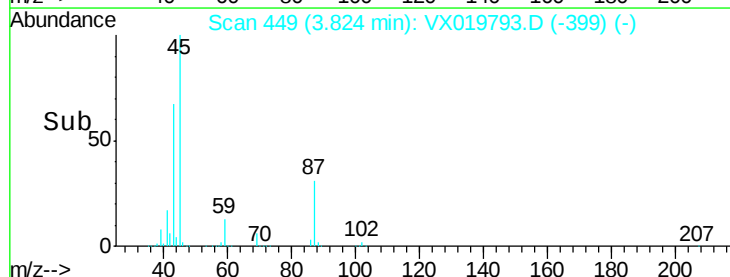
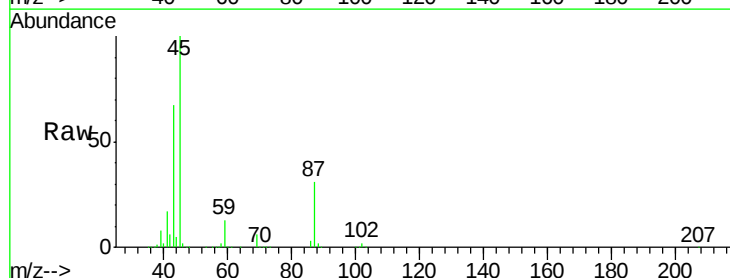
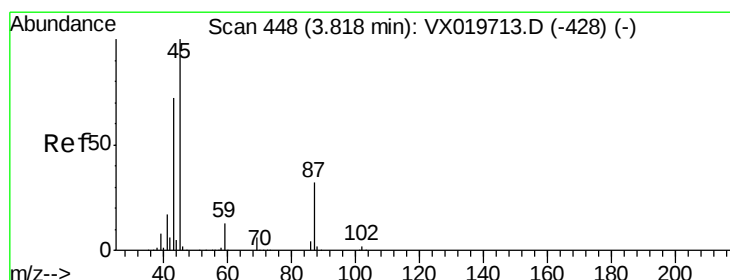
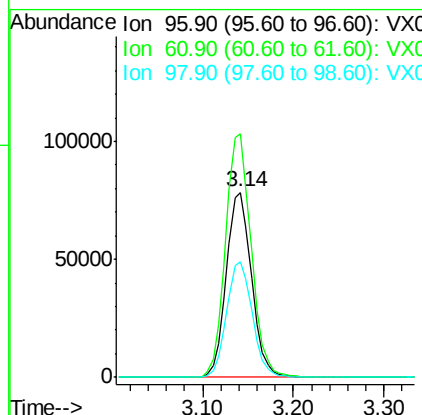
Acq: 09 Dec 2020 20:50

Tot Ion:	96	Resp:	152215
Ion	Ratio	Lower	Upper
96	100		
61	131.5	107.7	161.5
98	62.6	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 53.327 ug/l

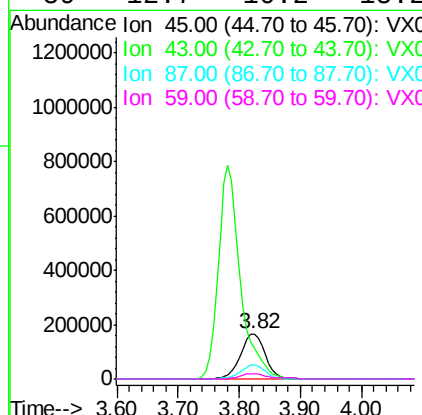
RT: 3.82 min Scan# 449

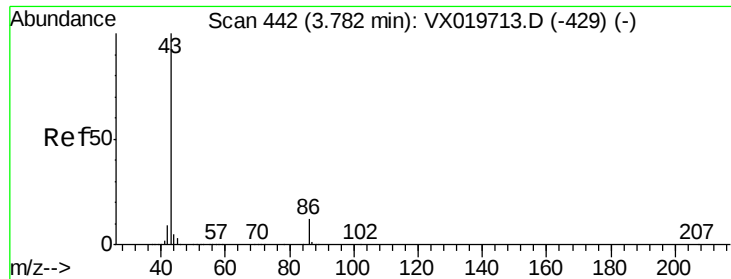
Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion:	45	Resp:	460569
Ion	Ratio	Lower	Upper
45	100		
43	66.8	58.0	87.0
87	31.5	25.4	38.0
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 269.748 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1984842

Ion Ratio Lower Upper

43 100

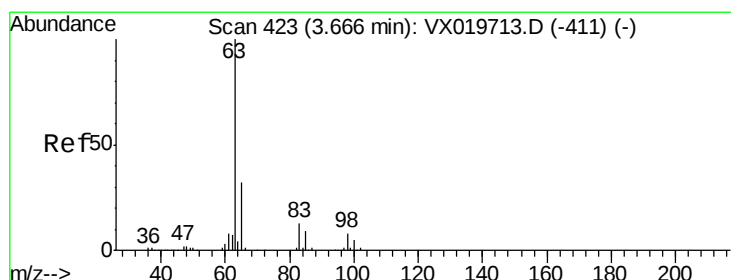
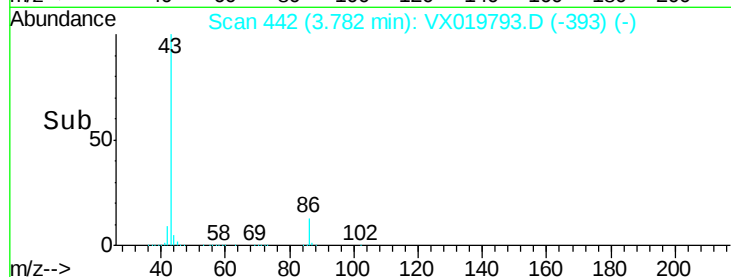
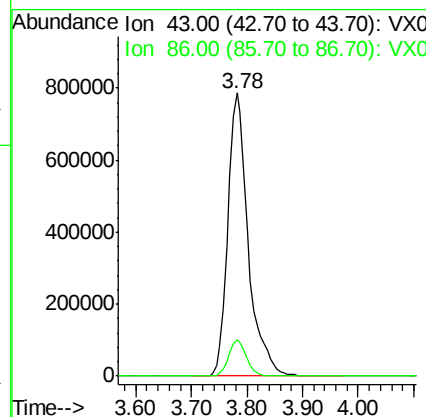
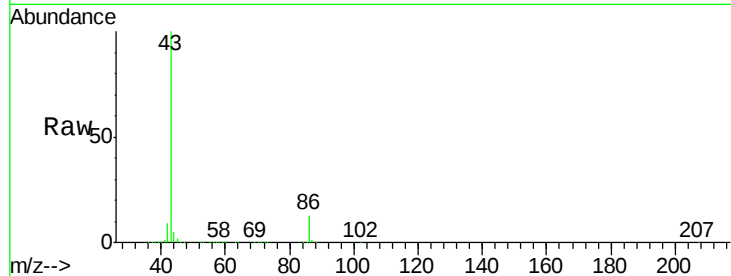
86 12.7 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.505 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

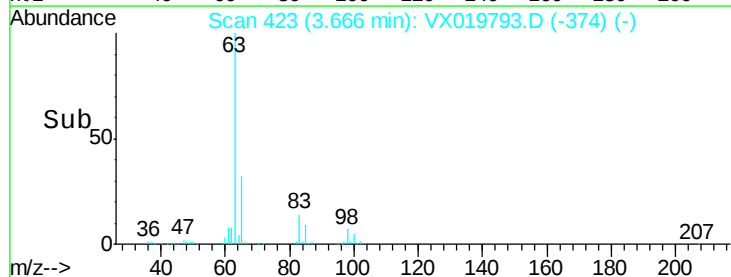
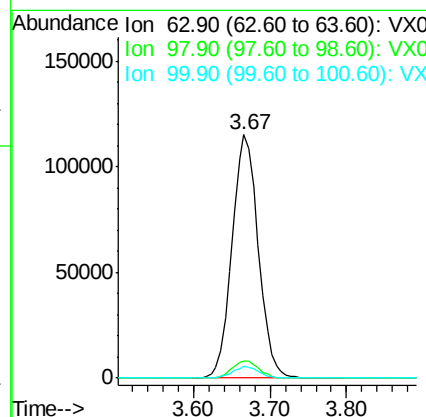
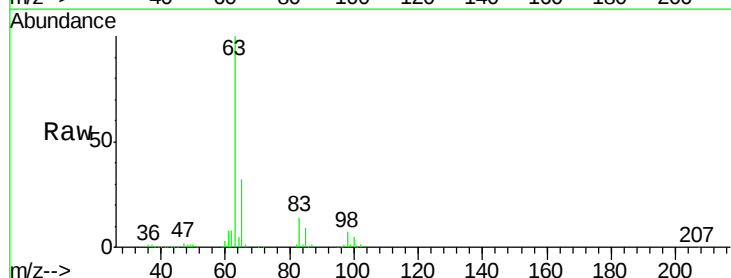
Tgt Ion: 63 Resp: 273457

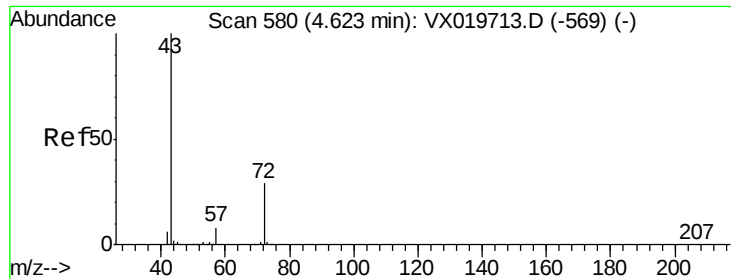
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 264.894 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 555092

Ion Ratio Lower Upper

43 100

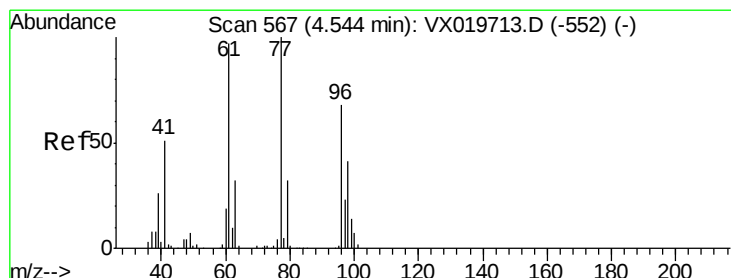
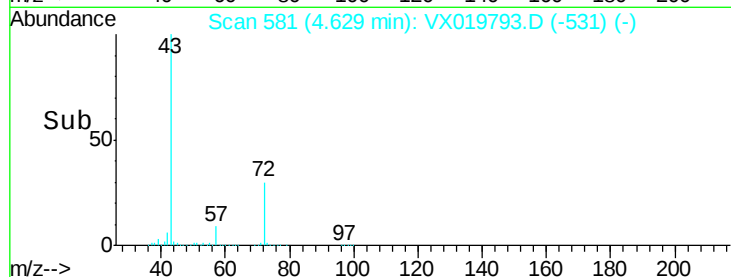
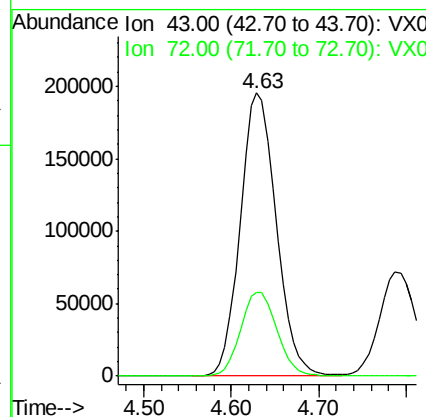
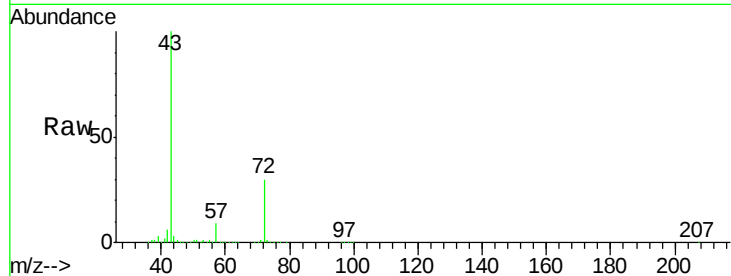
72 29.5 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.112 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019793.D

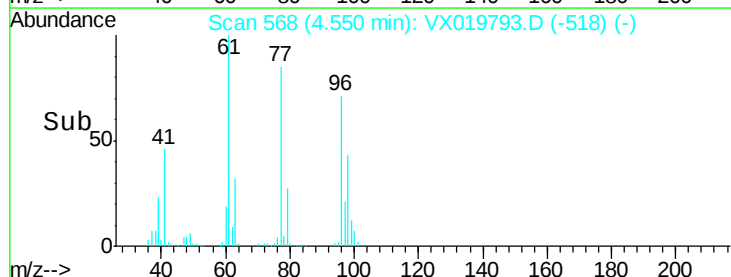
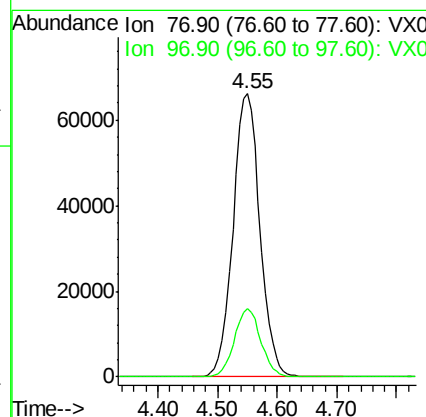
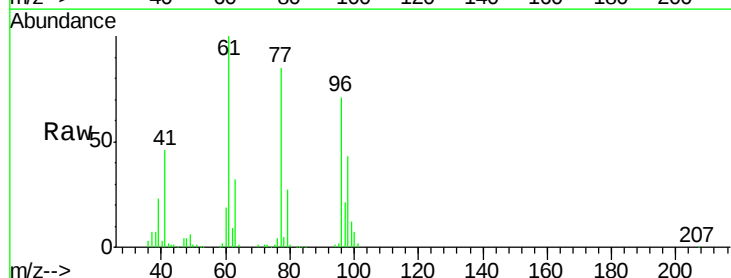
Acq: 09 Dec 2020 20:50

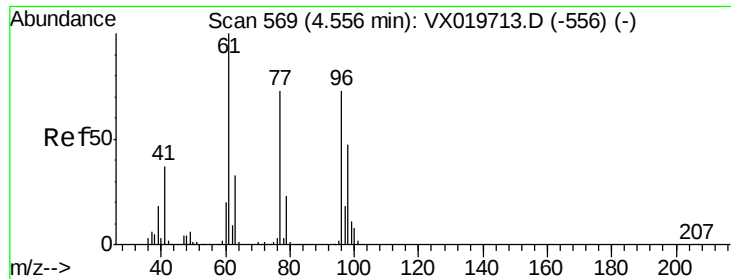
Tgt Ion: 77 Resp: 206819

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





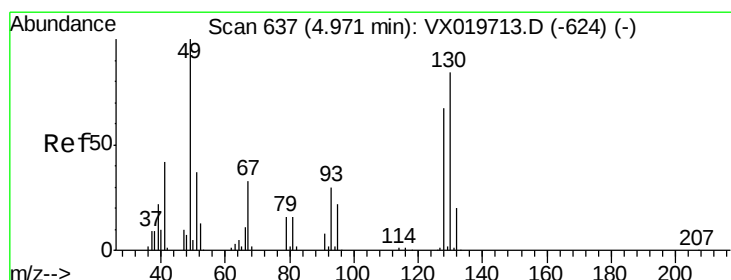
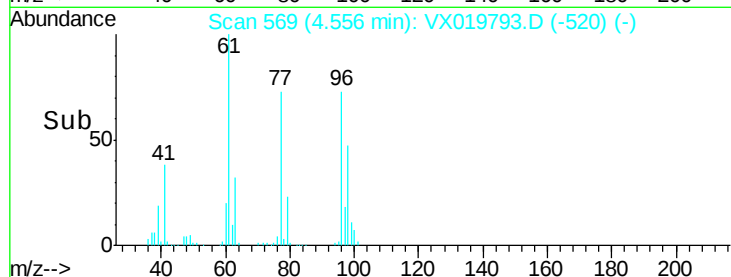
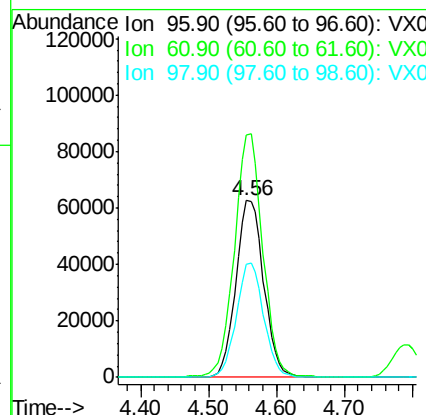
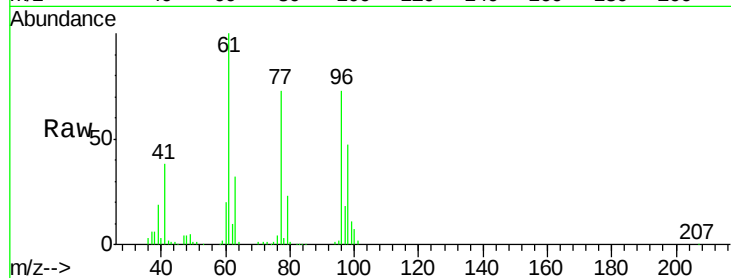
#27
 cis-1,2-Dichloroethene
 Concen: 51.592 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.6	0.0	285.6	
98	63.4	0.0	129.6	

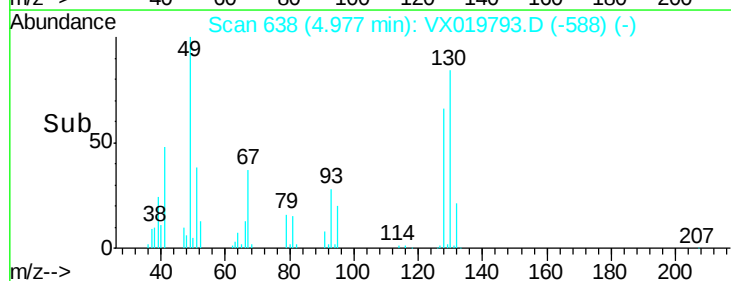
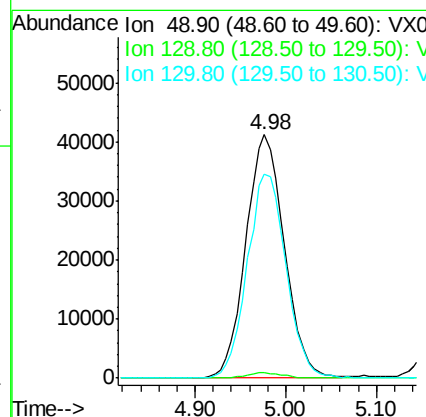
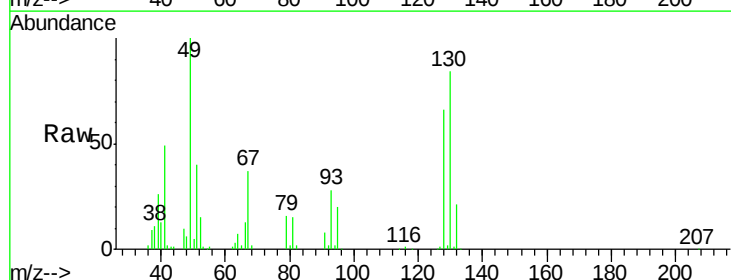
Manual Integrations
 APPROVED

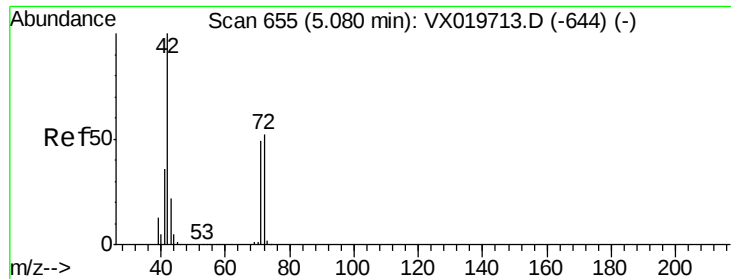
MMDadoda
 12/10/2020 9:31:34 AM



#28
 Bromochloromethane
 Concen: 48.884 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	84.5	68.2	102.2	





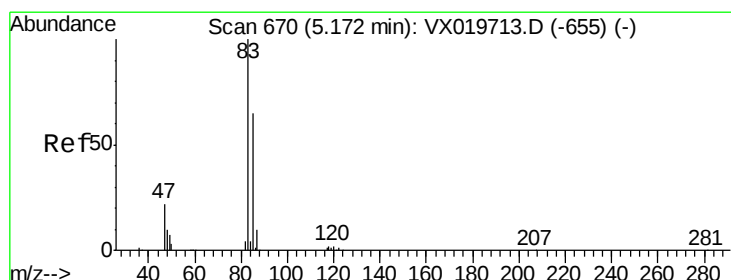
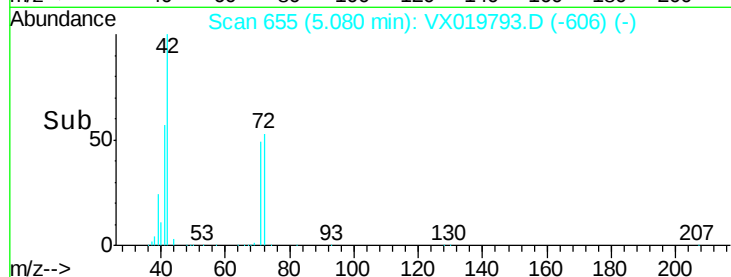
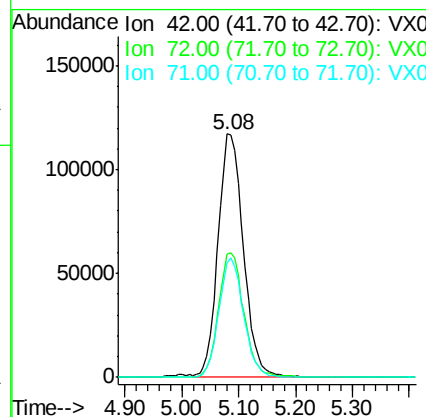
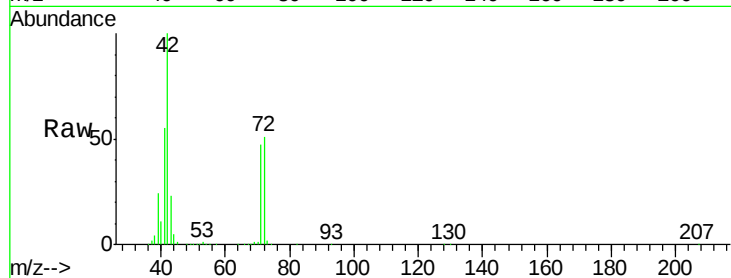
#29
Tetrahydrofuran
Concen: 267.947 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	41.7	62.5
71	47.8	38.4	57.6

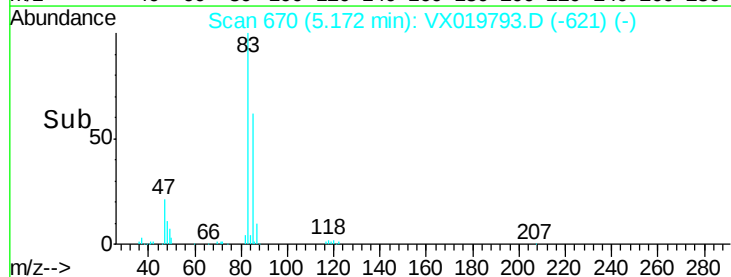
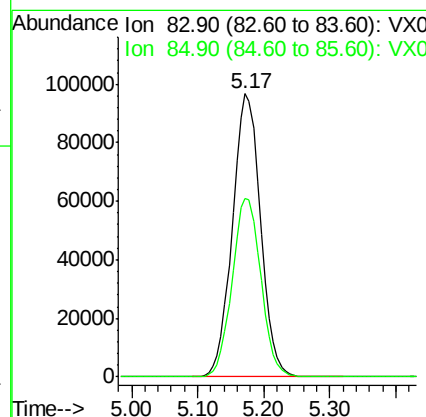
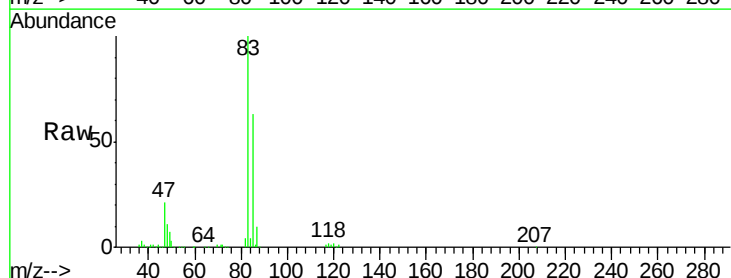
Manual Integrations
APPROVED

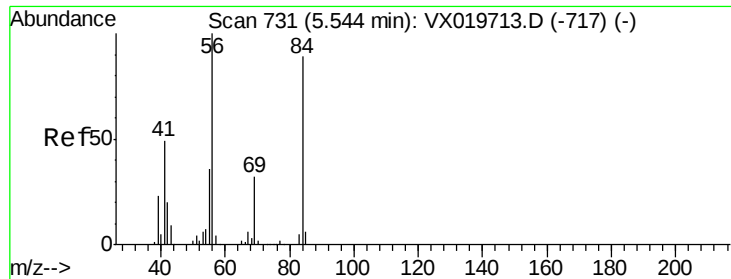
MMDadoda
12/10/2020 9:31:34 AM



#30
Chloroform
Concen: 53.168 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.0	78.0





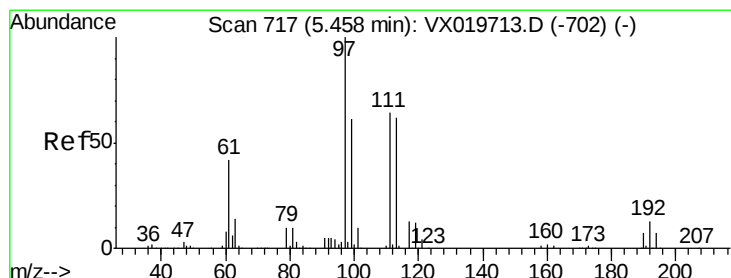
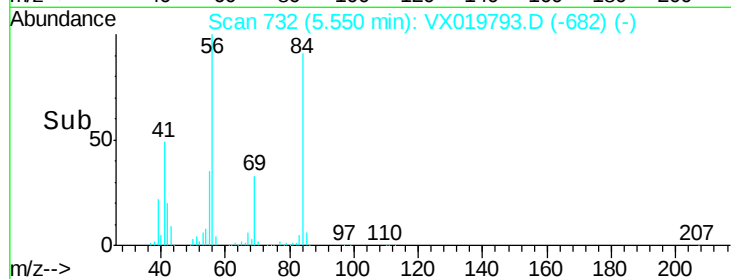
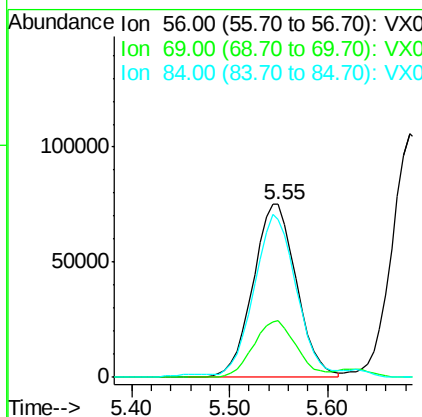
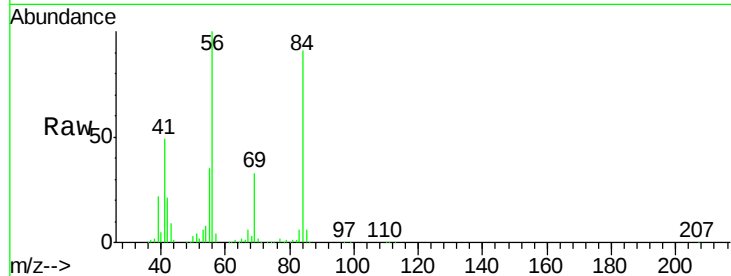
#31
Cvclohexane
Concen: 51.547 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.3	37.9
84	89.6	71.4	107.0

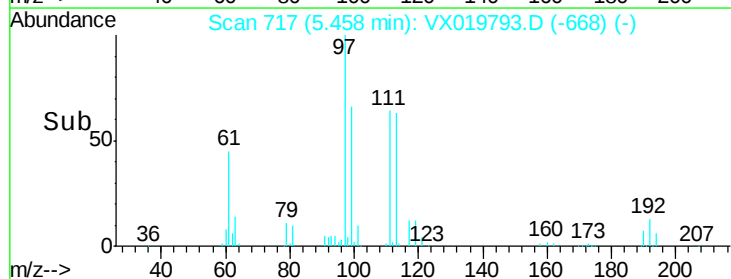
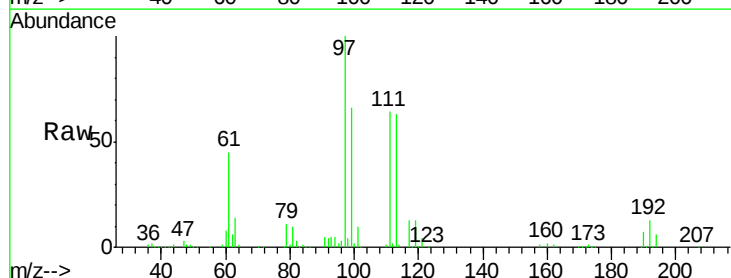
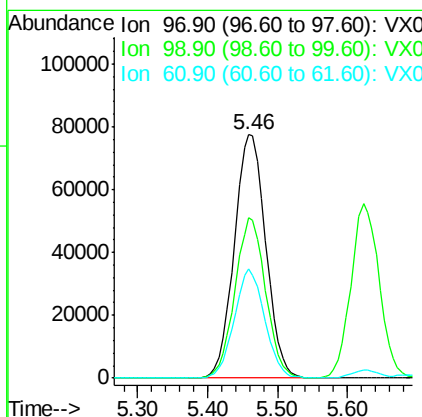
Manual Integrations
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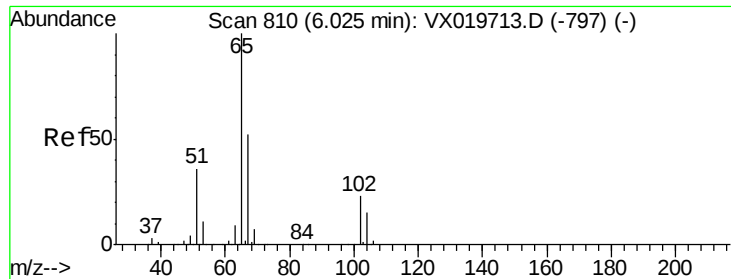
MMDadoda
12/10/2020 9:31:34 AM



#32
1,1,1-Trichloroethane
Concen: 52.527 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	43.2	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 47.619 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 172771

Ion Ratio Lower Upper

65 100

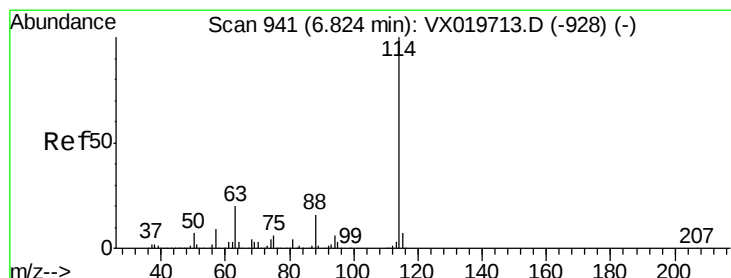
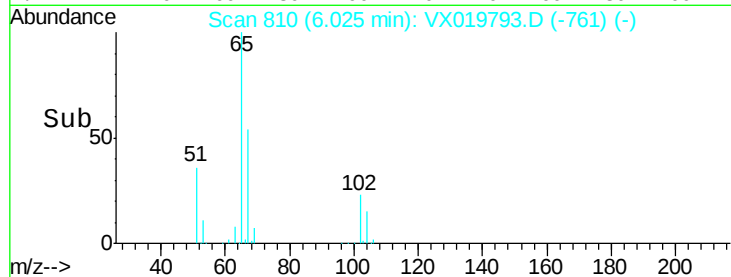
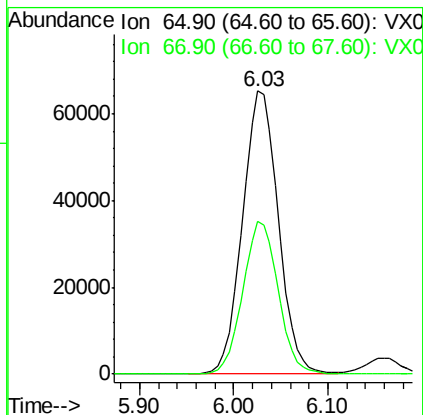
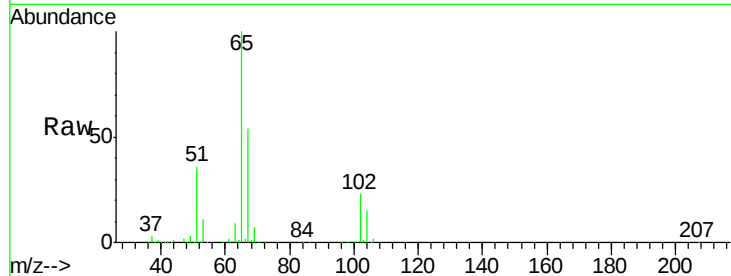
67 53.2 0.0 105.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

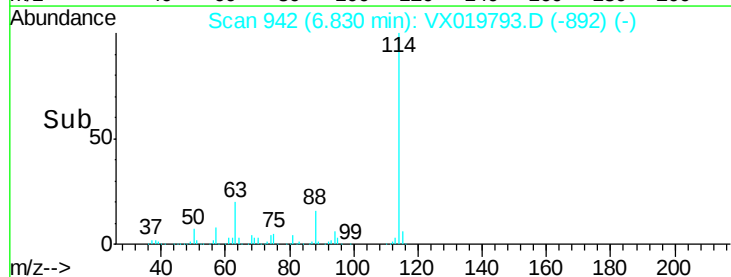
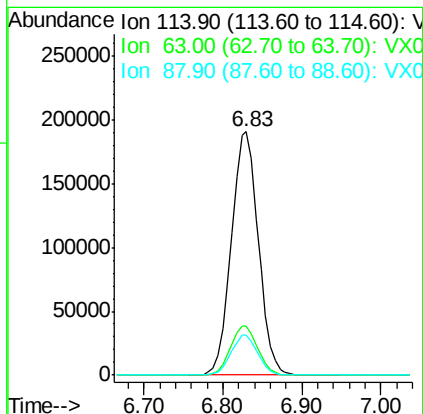
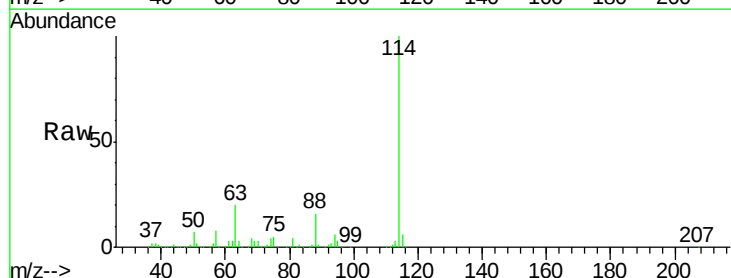
Tgt Ion: 114 Resp: 453620

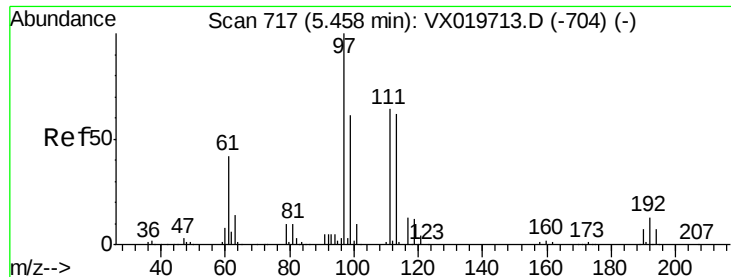
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.3 0.0 32.8





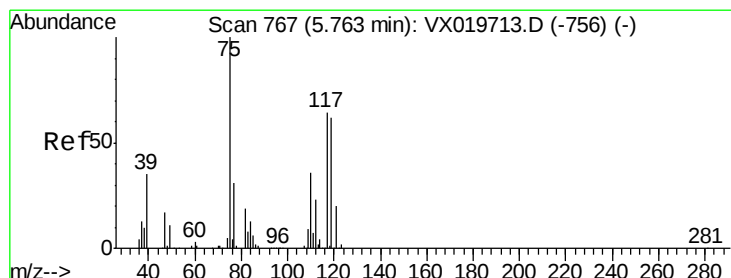
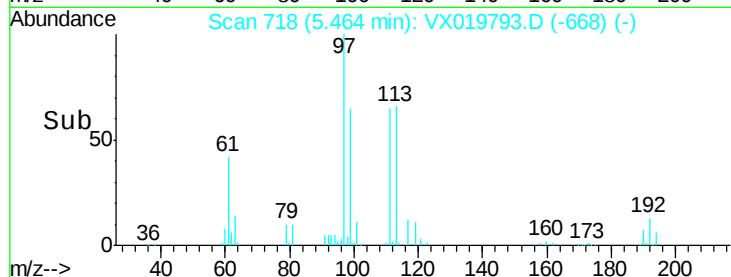
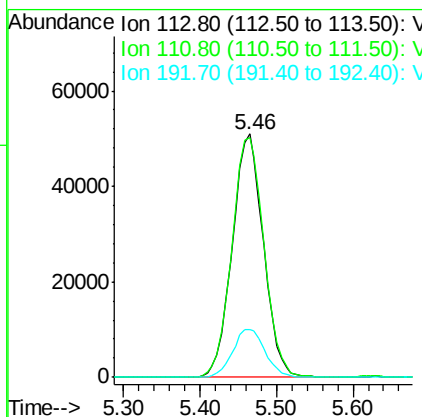
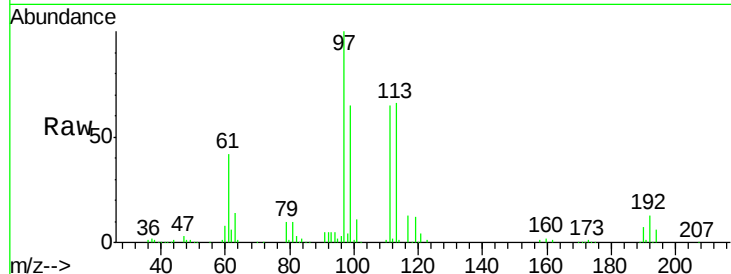
#35
 Dibromofluoromethane
 Concen: 49.026 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143728		
111	101.6	81.9	122.9	
192	20.5	16.7	25.1	

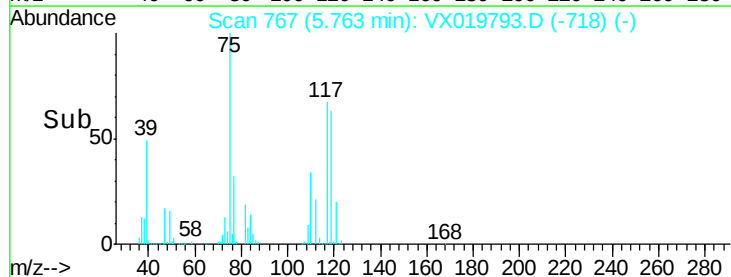
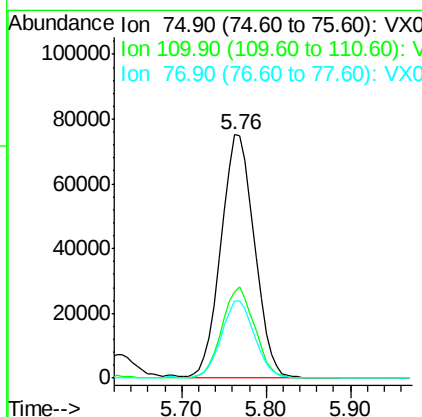
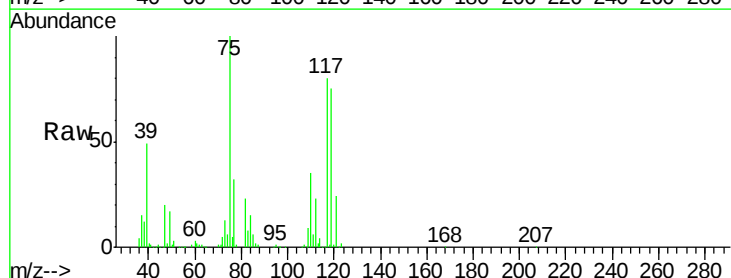
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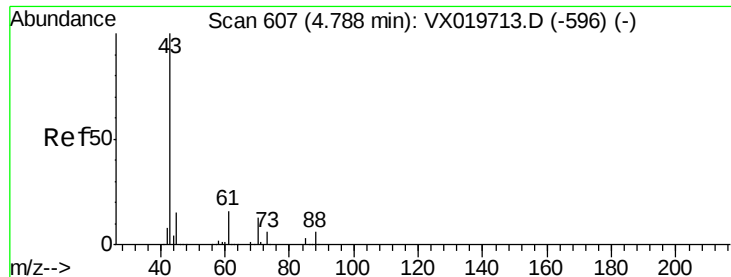
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#36
 1,1-Dichloropropene
 Concen: 49.938 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	204698		
110	36.6	18.1	54.4	
77	31.5	25.3	37.9	





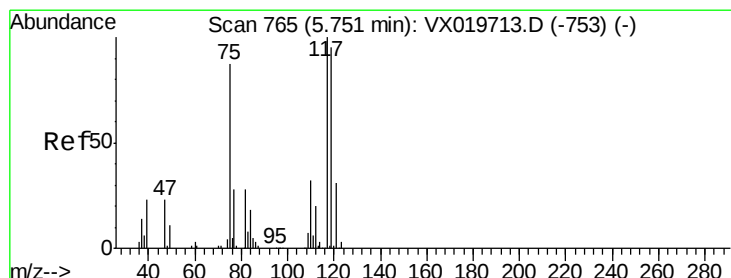
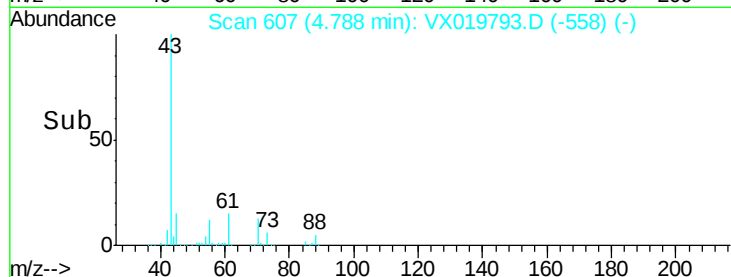
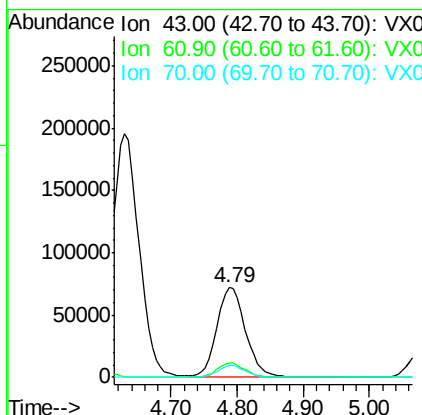
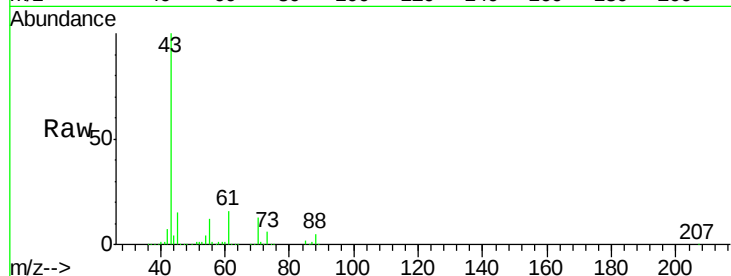
#37
Ethyl Acetate
Concen: 52.023 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.8	19.2
70	12.9	10.5	15.7

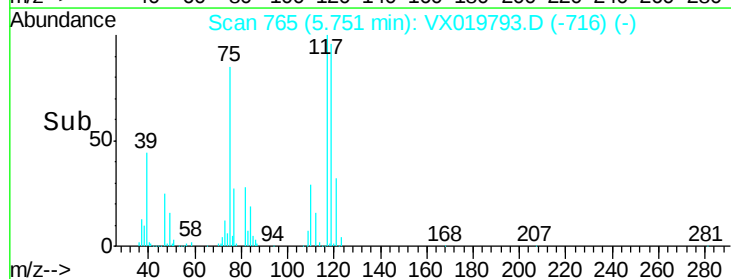
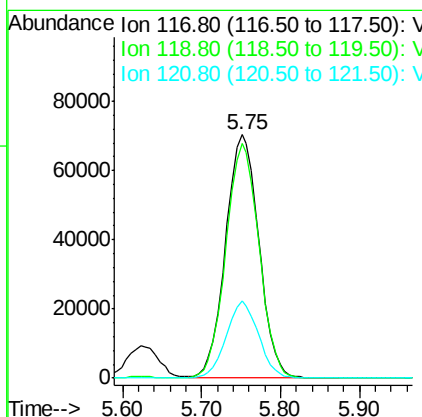
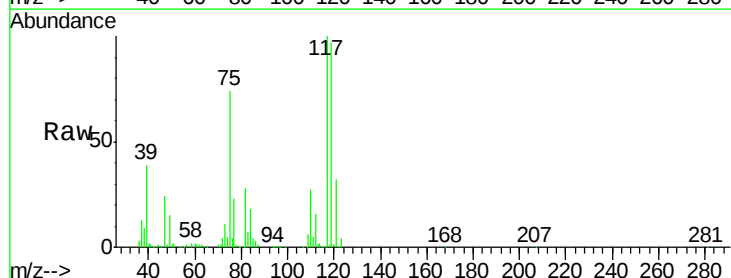
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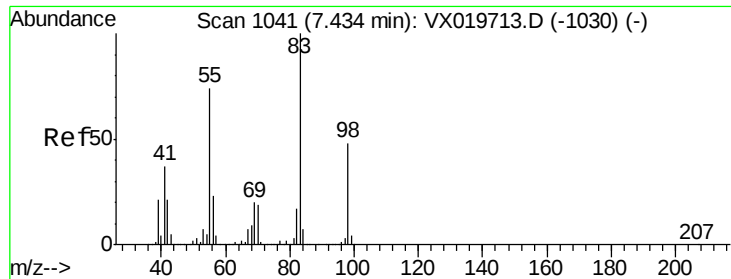
MMDadoda
12/10/2020 9:31:34 AM



#38
Carbon Tetrachloride
Concen: 51.590 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.2
121	31.7	24.8	37.2





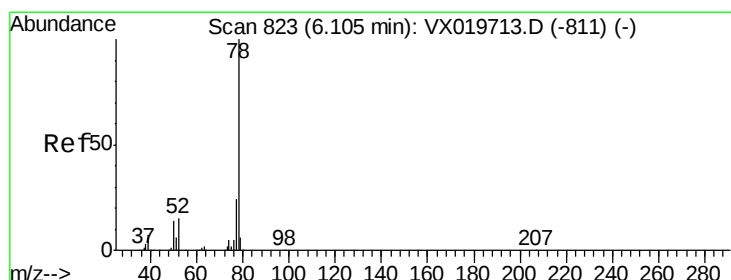
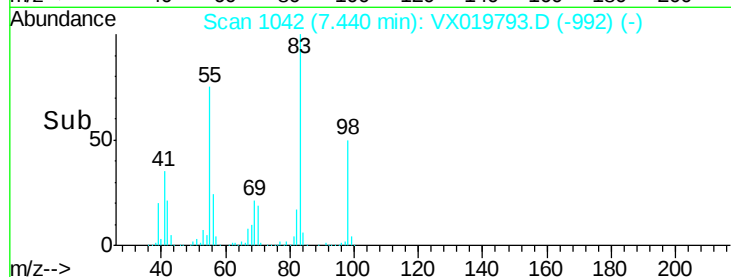
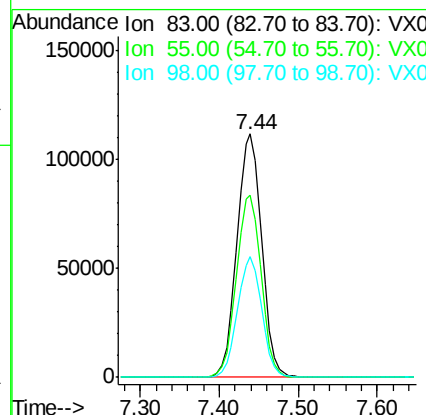
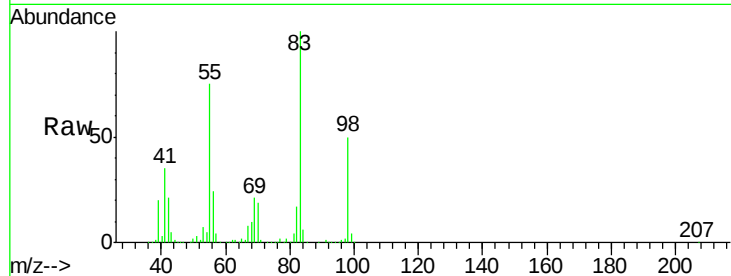
#39
Methvlcvclohexane
Concen: 50.706 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	244196		
55	74.9		58.9	88.3
98	49.7		38.1	57.1

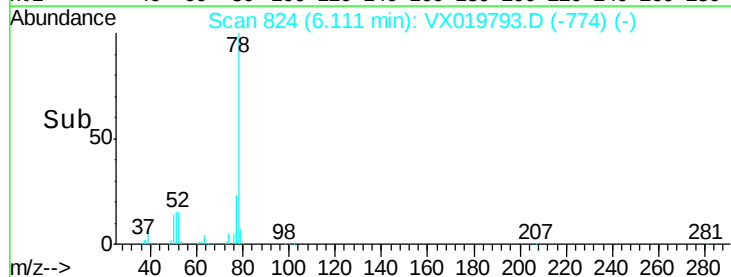
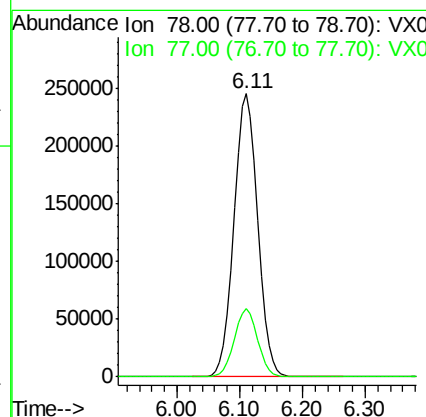
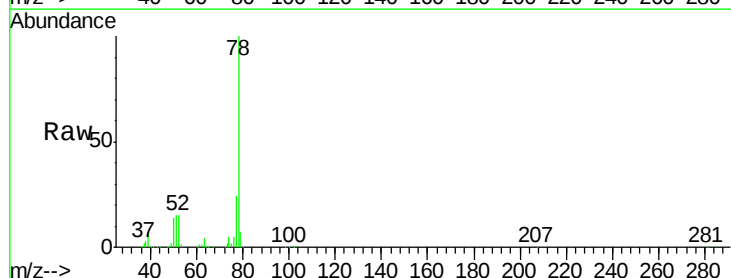
Manual Integrations
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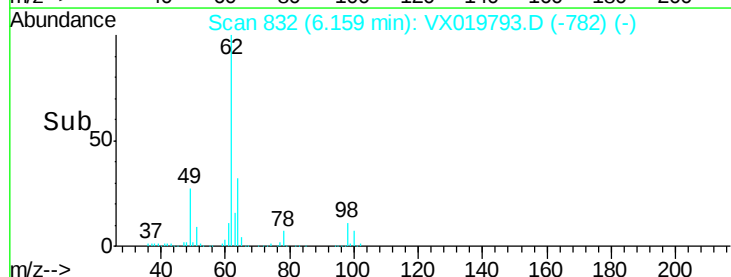
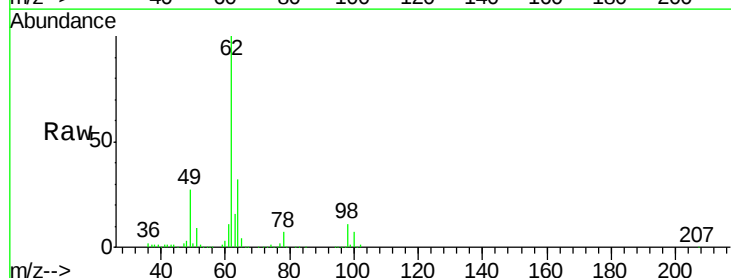
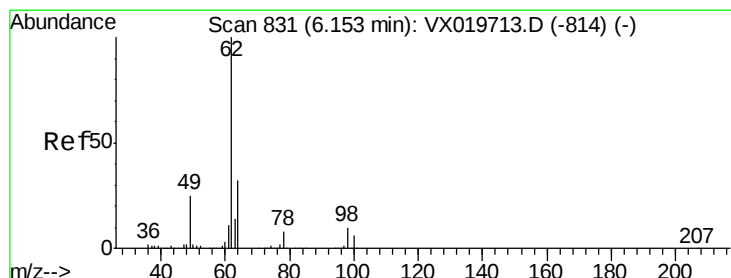
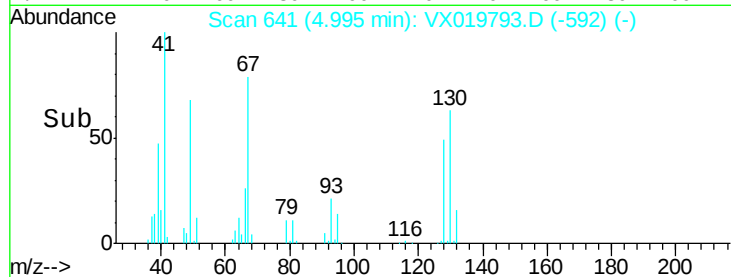
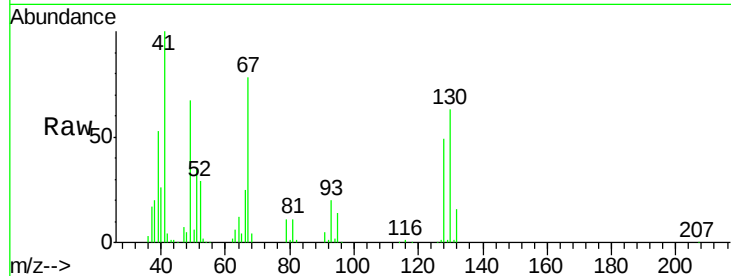
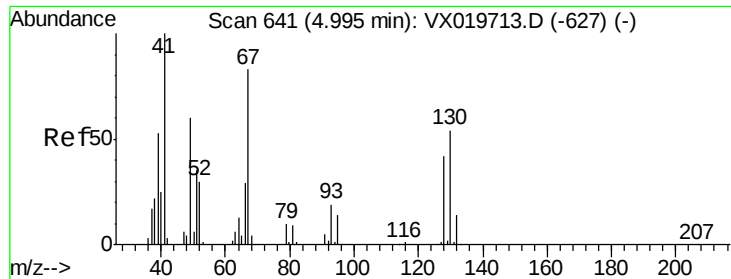
MMDadoda
12/10/2020 9:31:34 AM



#40
Benzene
Concen: 51.208 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	641198		
77	24.1		18.9	28.3





#41

Methacrylonitrile

Concen: 51.740 ug/l

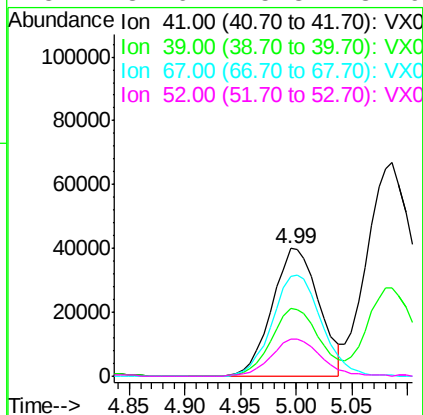
RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	42.5	63.7	
67	83.4	65.0	97.6	
52	31.6	25.3	37.9	



Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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MMDadoda
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#42

1,2-Dichloroethane

Concen: 51.823 ug/l

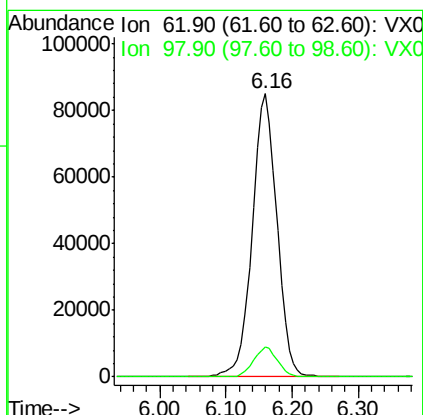
RT: 6.16 min Scan# 832

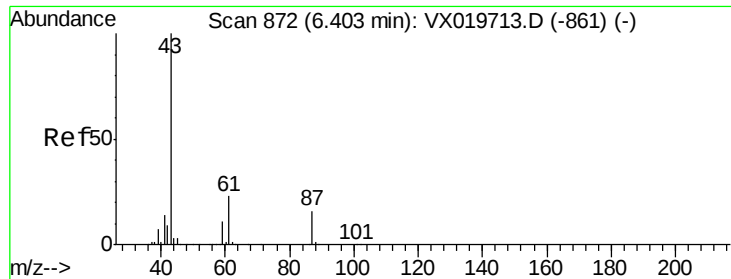
Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





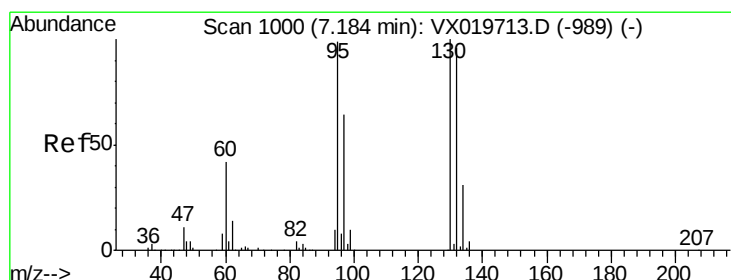
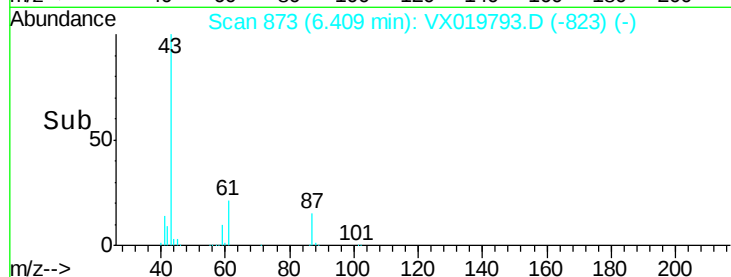
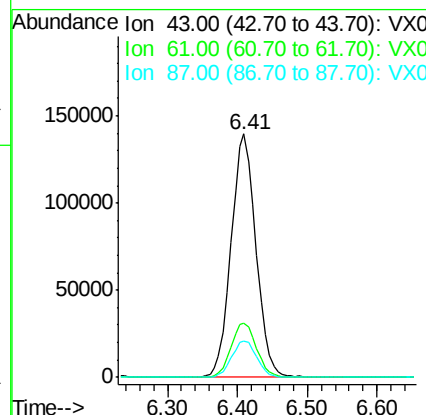
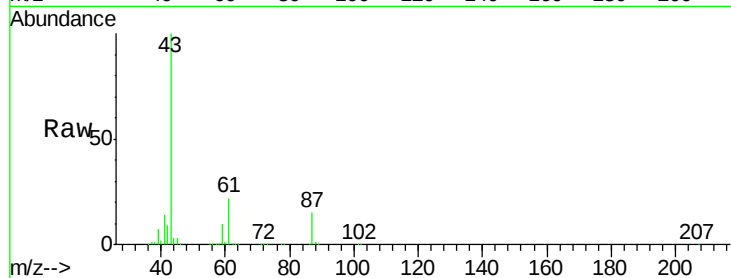
#43
Isopropyl Acetate
Concen: 50.911 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	15.4	12.5	18.7

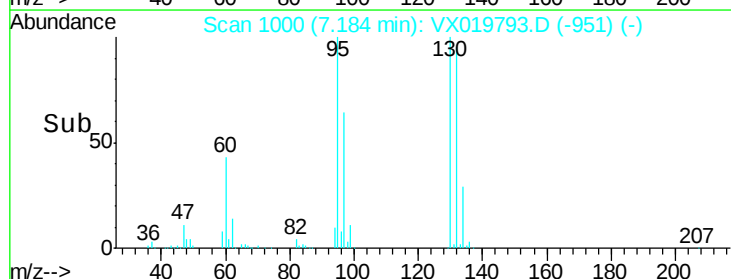
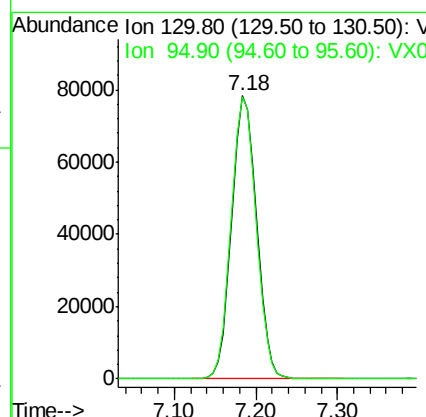
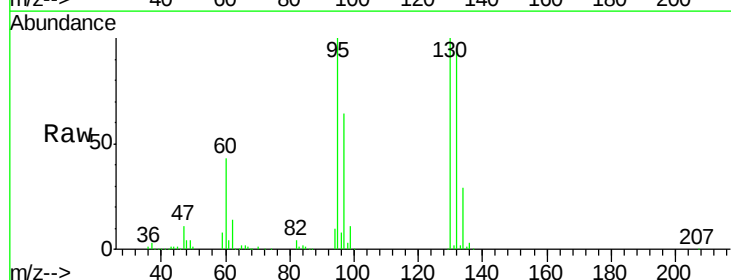
Manual Integrations
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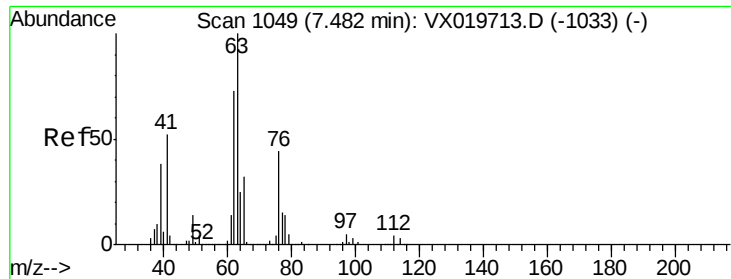
MMDadoda
12/10/2020 9:31:34 AM



#44
Trichloroethene
Concen: 50.280 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	198.0





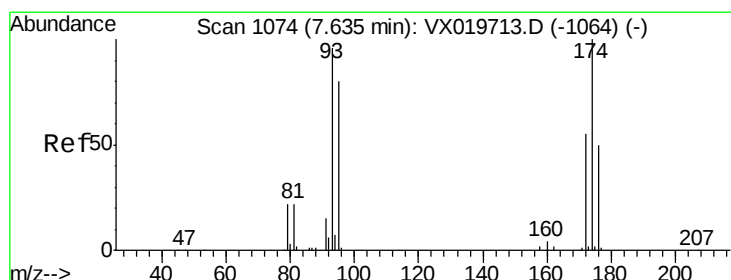
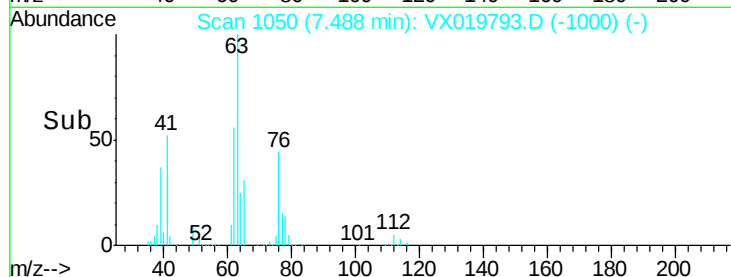
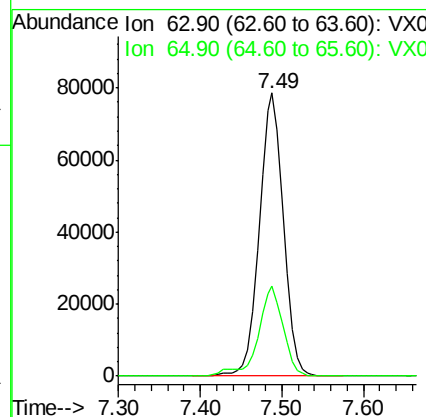
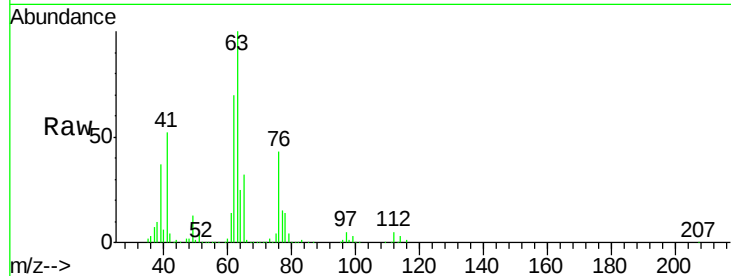
#45
 1,2-Dichloropropane
 Concen: 51.985 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 162685
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.7 38.5

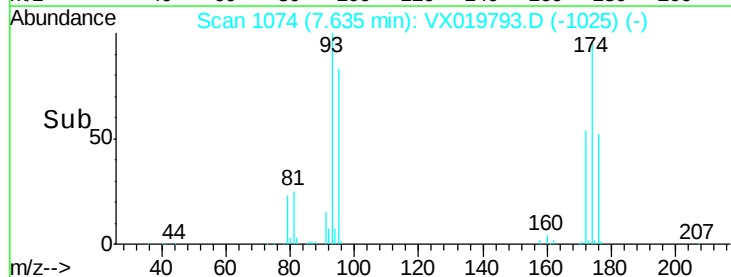
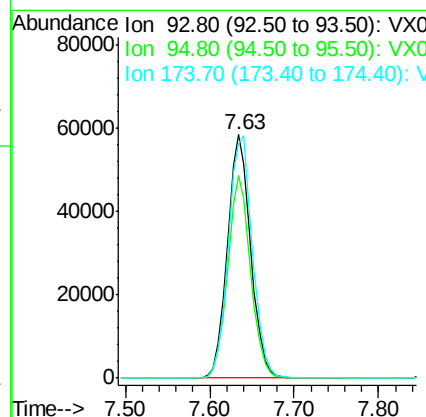
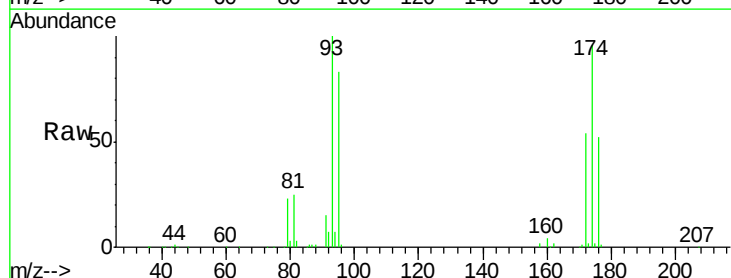
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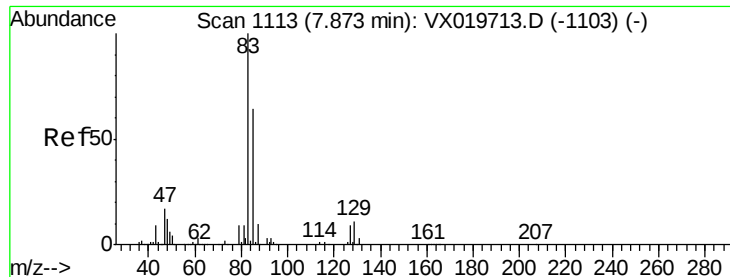
MMDadoda
 12/10/2020 9:31:34 AM



#46
 Dibromomethane
 Concen: 52.038 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 93 Resp: 109975
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.8 100.2
 174 103.1 83.1 124.7





#47

Bromodichloromethane

Concen: 52.319 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

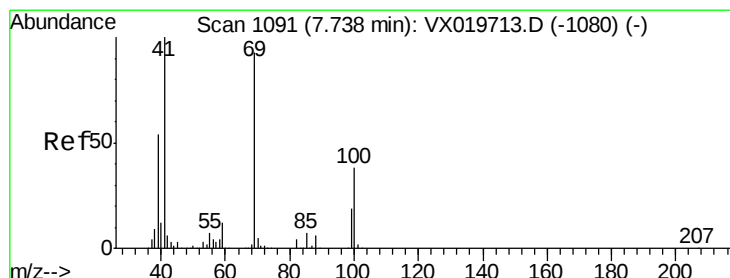
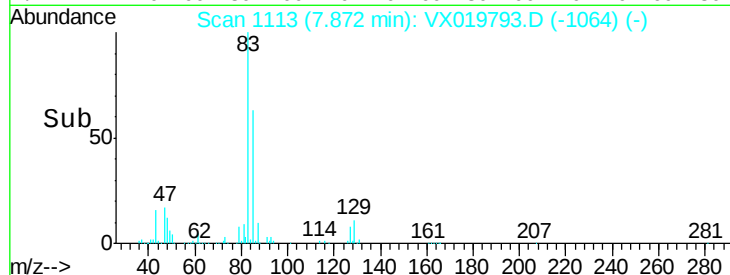
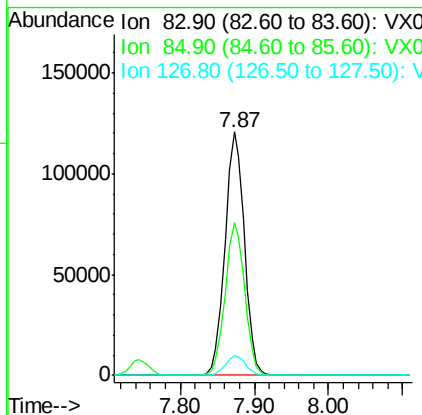
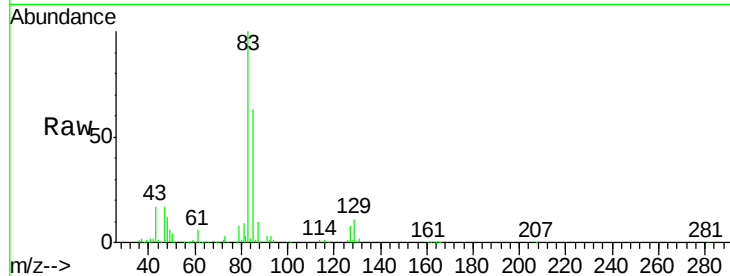
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	219405
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.0
127	8.1	6.8	10.2

Manual Integrations
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MMDadoda
12/10/2020 9:31:34 AM



#48

Methyl methacrylate

Concen: 52.350 ug/l

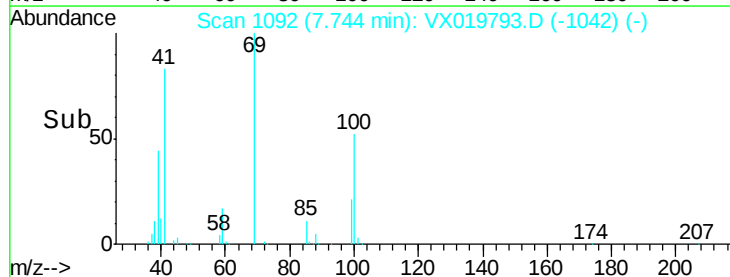
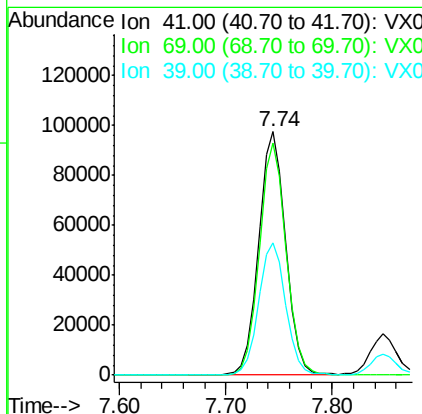
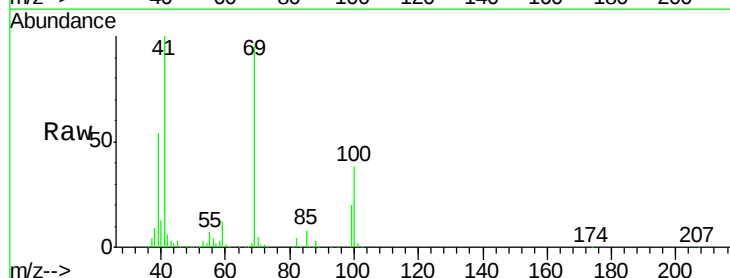
RT: 7.74 min Scan# 1092

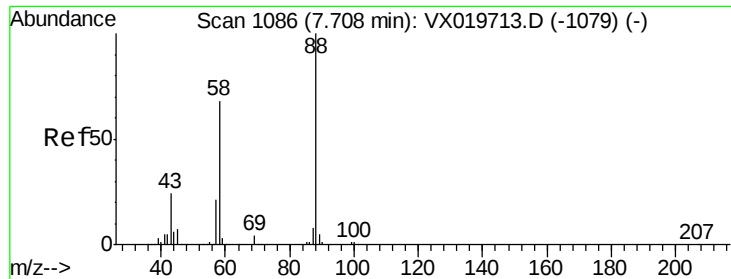
Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion:	41	Resp:	173240
Ion	Ratio	Lower	Upper
41	100		
69	94.4	76.0	114.0
39	54.5	44.6	67.0





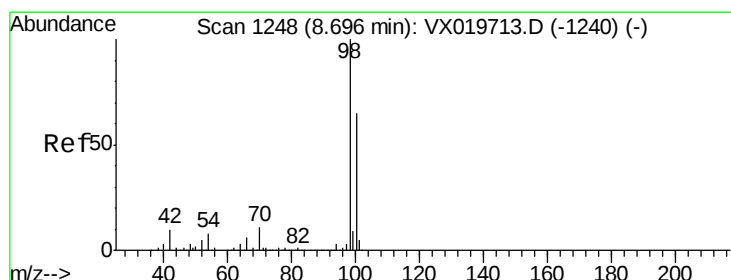
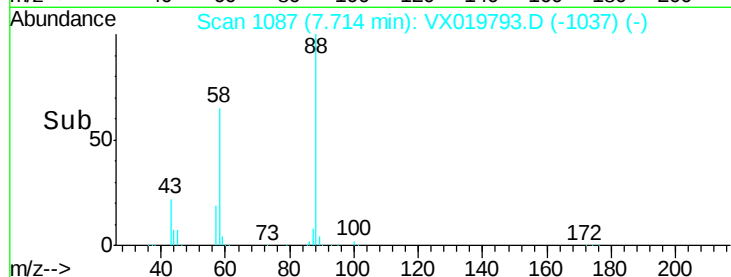
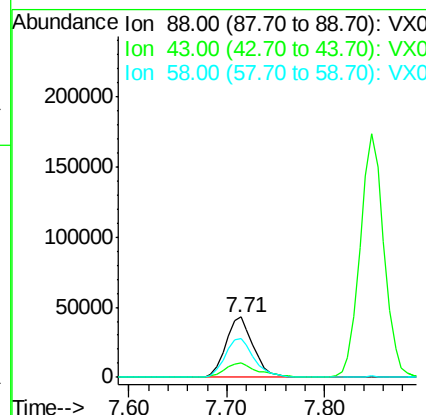
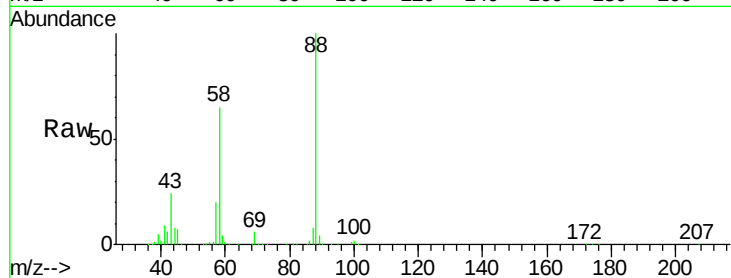
#49
1,4-Dioxane
Concen: 1042.326 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.2	34.8
58	68.4	55.0	82.4

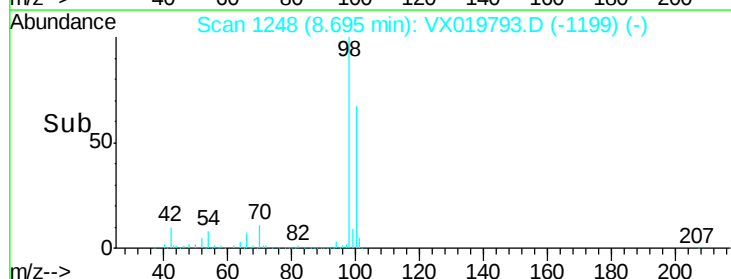
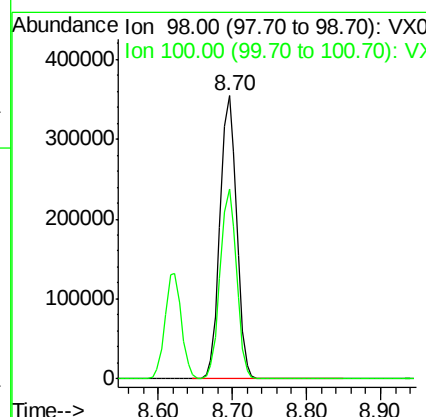
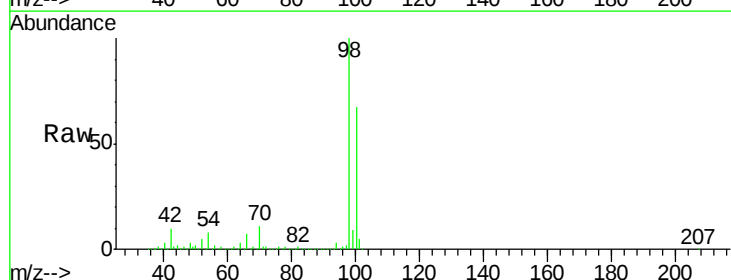
Manual Integrations
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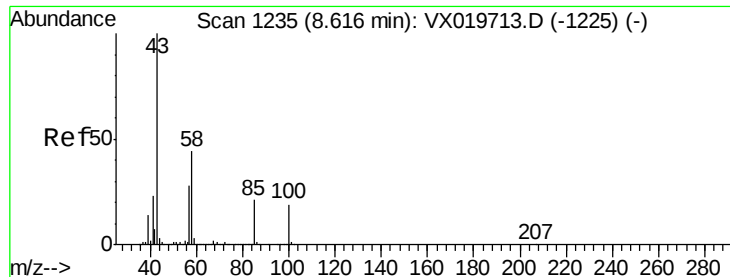
MMDadoda
12/10/2020 9:31:34 AM



#50
Toluene-d8
Concen: 48.662 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 267.113 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1097317

Ion Ratio Lower Upper

43 100

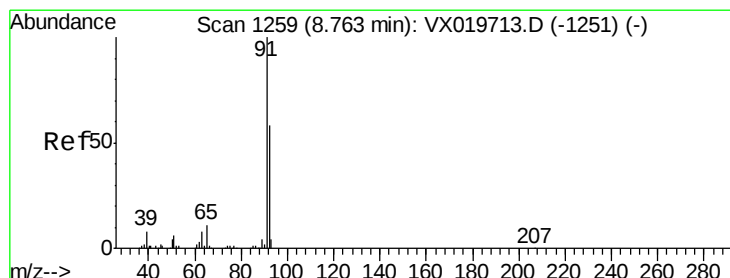
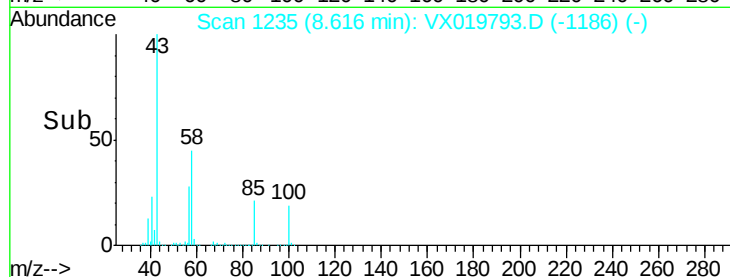
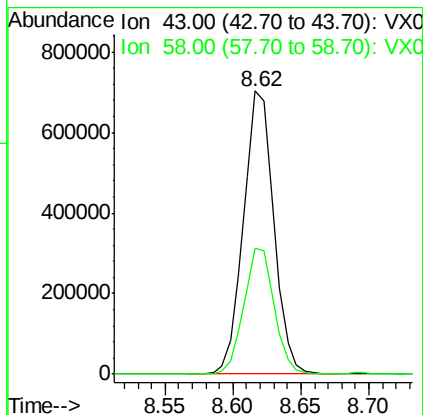
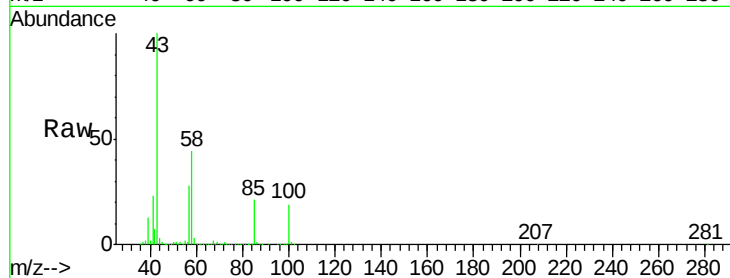
58 44.6 35.4 53.0

Manual Integrations

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MMDadoda

12/10/2020 9:31:34 AM



#52

Toluene

Concen: 51.162 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019793.D

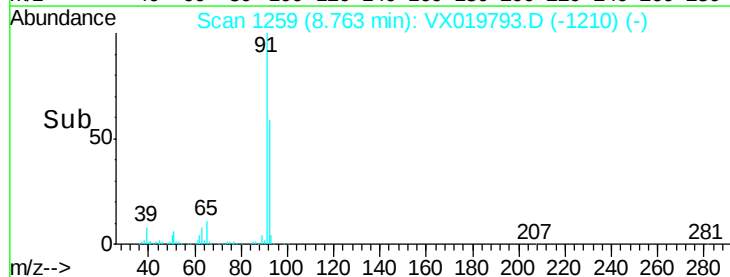
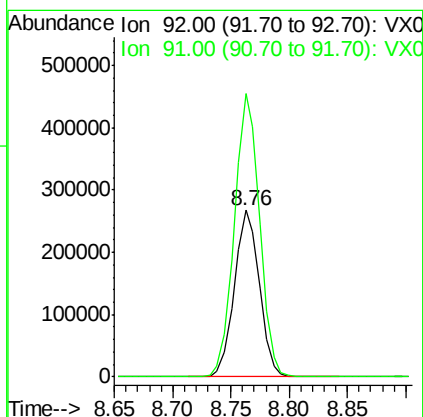
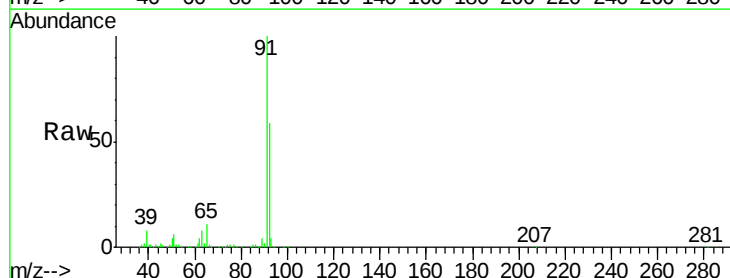
Acq: 09 Dec 2020 20:50

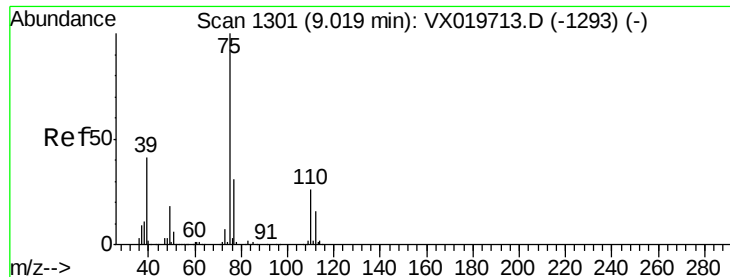
Tgt Ion: 92 Resp: 400670

Ion Ratio Lower Upper

92 100

91 171.0 137.1 205.7





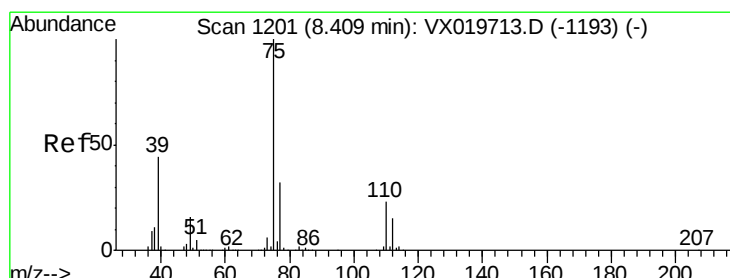
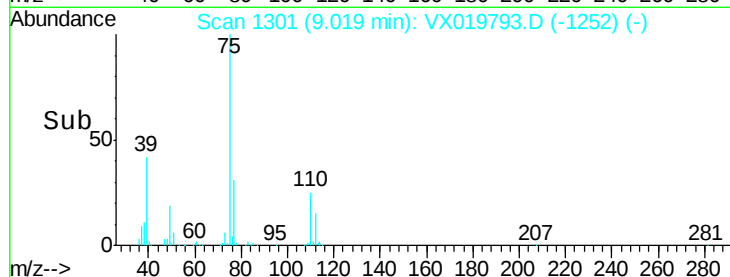
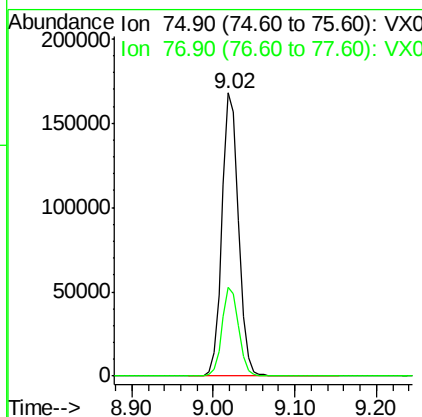
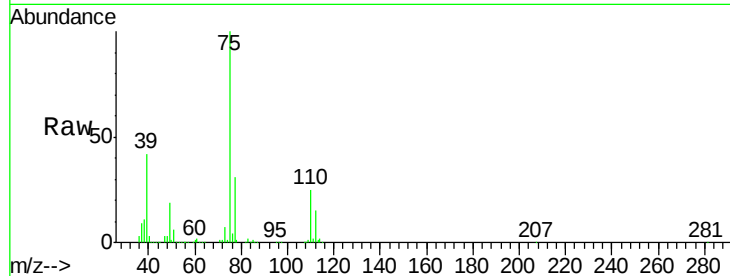
#53
t-1,3-Dichloropropene
Concen: 50.940 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3

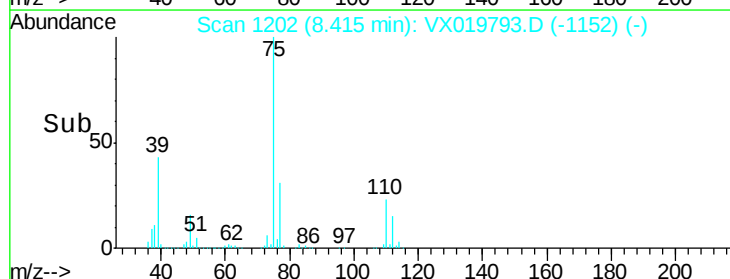
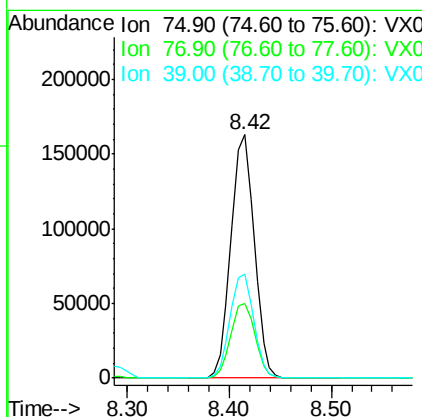
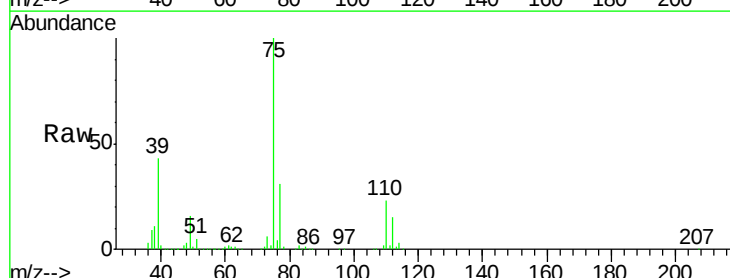
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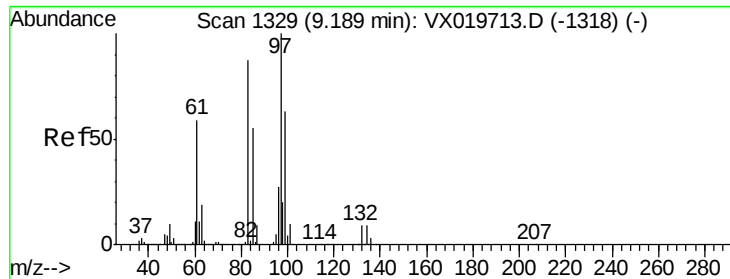
MMDadoda
12/10/2020 9:31:34 AM



#54
cis-1,3-Dichloropropene
Concen: 51.122 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.7	38.5
39	42.8	35.1	52.7





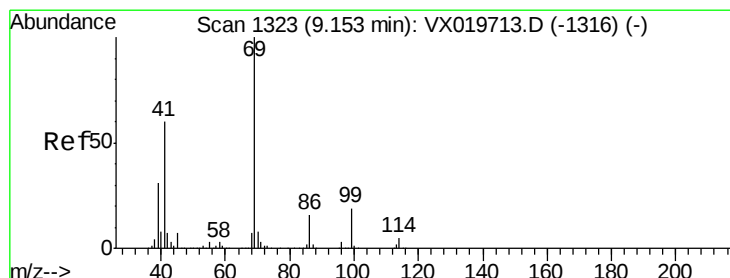
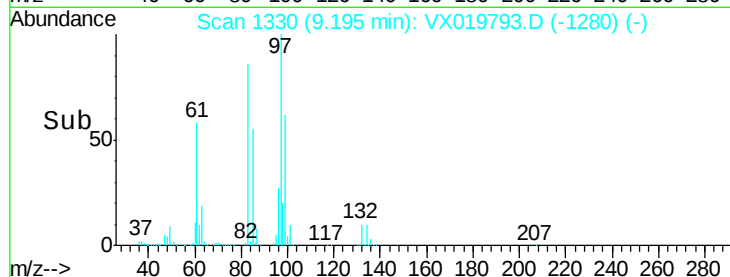
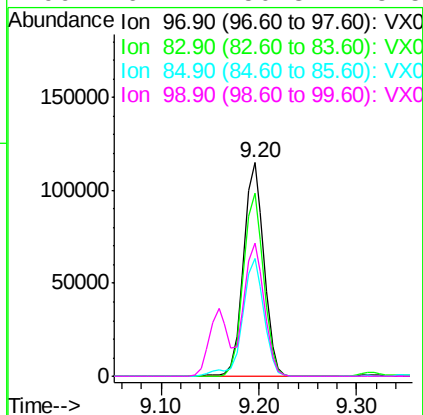
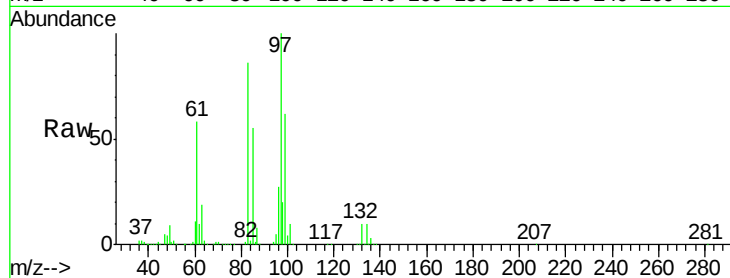
#55
 1,1,2-Trichloroethane
 Concen: 52.794 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	166616
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.3	103.9
85	54.9	44.3	66.5
99	62.1	50.3	75.5

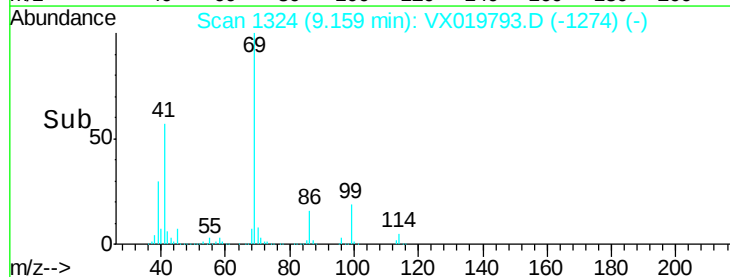
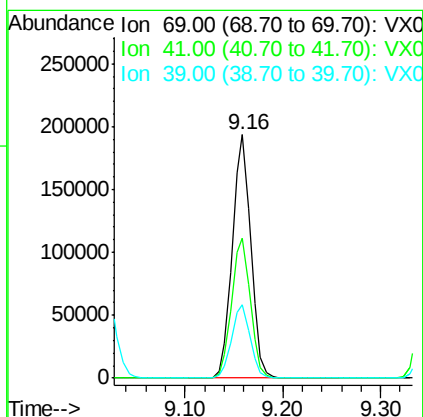
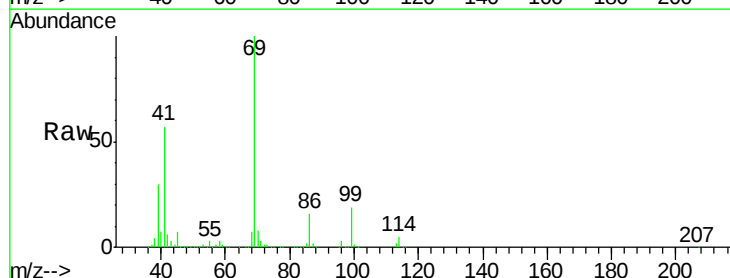
Manual Integrations
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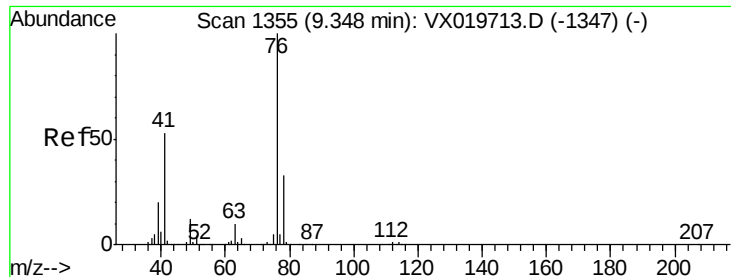
MMDadoda
 12/10/2020 9:31:34 AM



#56
 Ethyl methacrylate
 Concen: 53.112 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion:	69	Resp:	253600
Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.8	70.2
39	30.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 51.819 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 279243

Ion Ratio Lower Upper

76 100

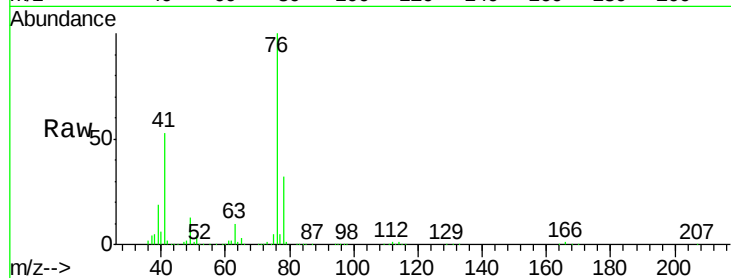
78 32.2 26.2 39.2

Manual Integrations

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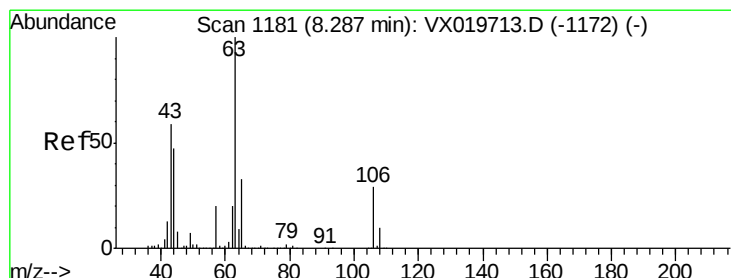
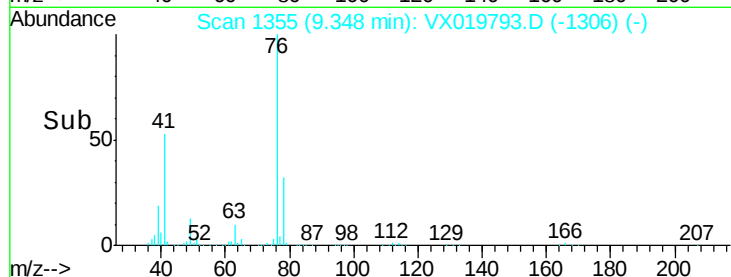
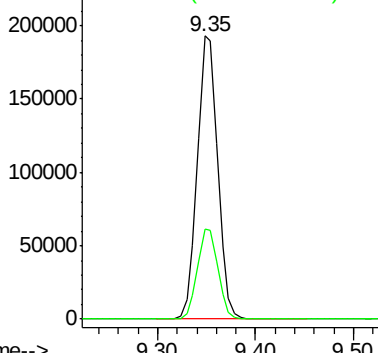
MMDadoda

12/10/2020 9:31:34 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 269.744 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019793.D

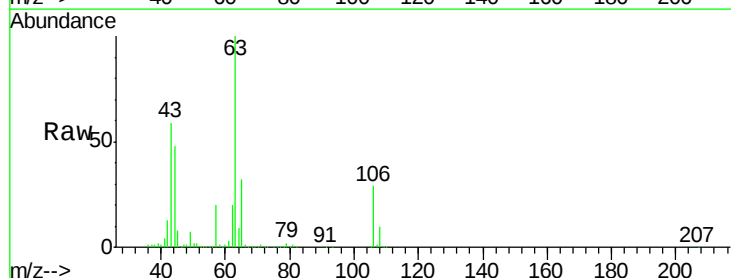
Acq: 09 Dec 2020 20:50

Tgt Ion: 63 Resp: 682323

Ion Ratio Lower Upper

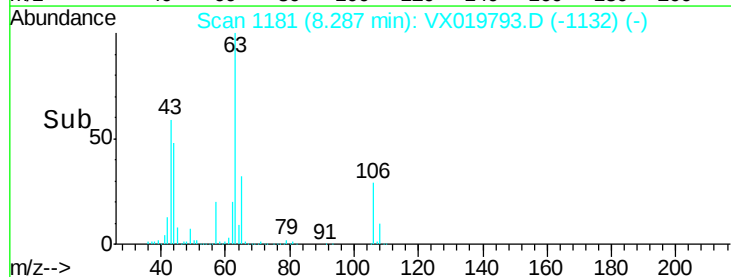
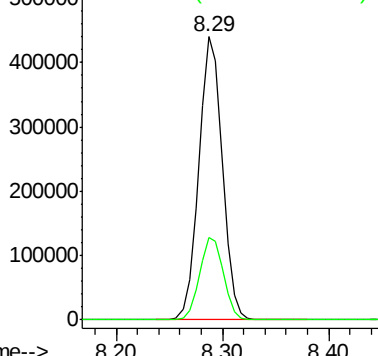
63 100

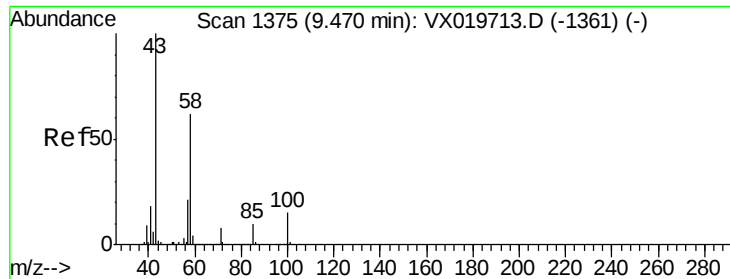
106 29.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





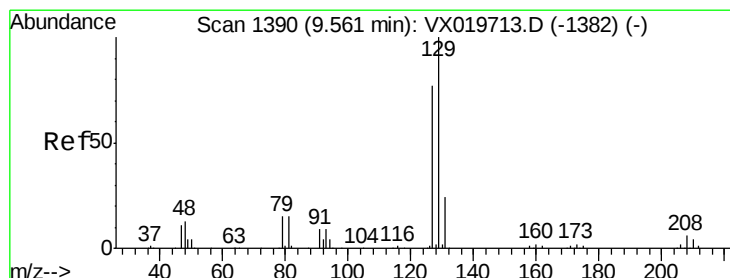
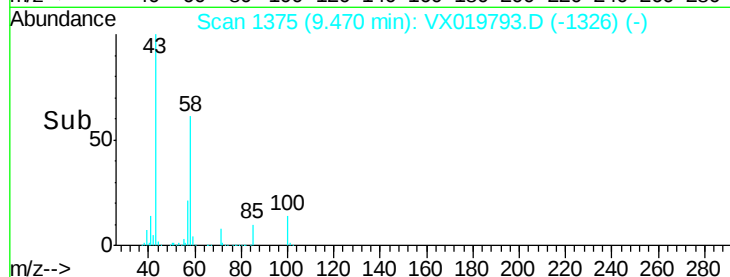
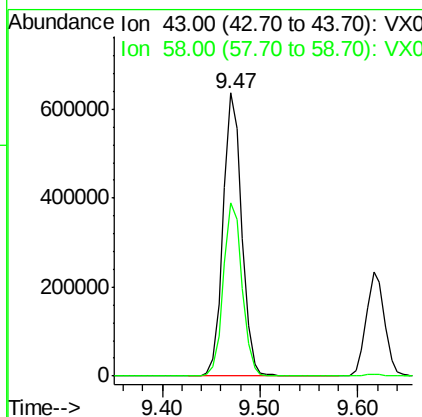
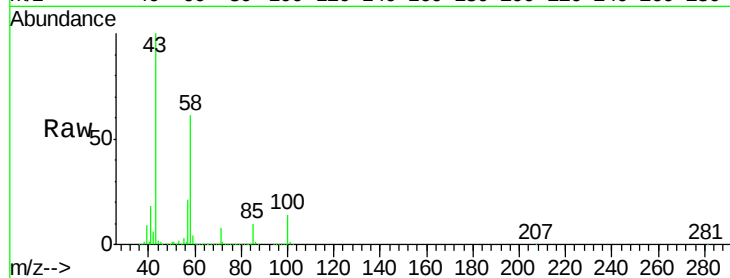
#59
2-Hexanone
Concen: 263.887 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.6	30.9	92.8

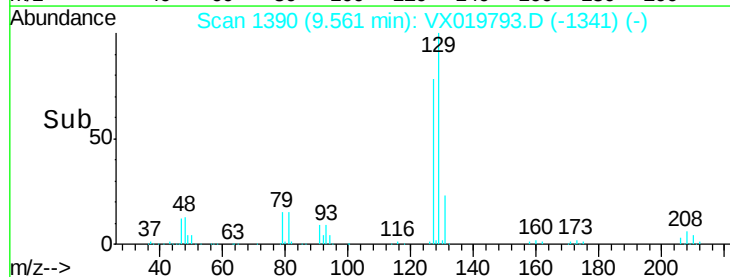
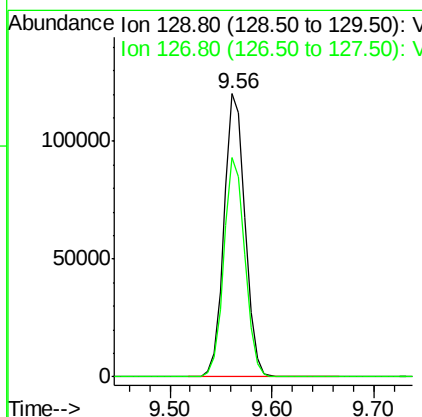
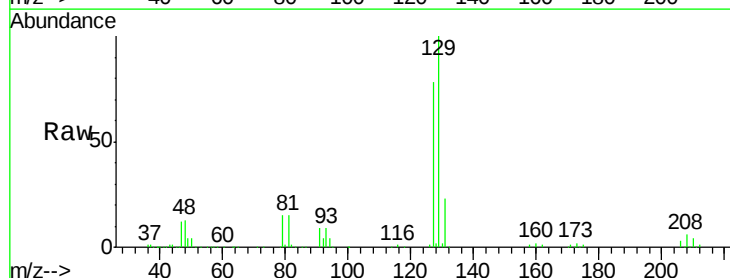
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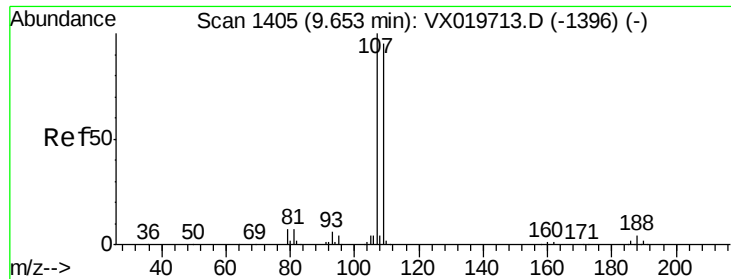
MMDadoda
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#60
Dibromochloromethane
Concen: 53.311 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2





#61

1,2-Dibromoethane

Concen: 51.686 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 173210

Ion Ratio Lower Upper

107 100

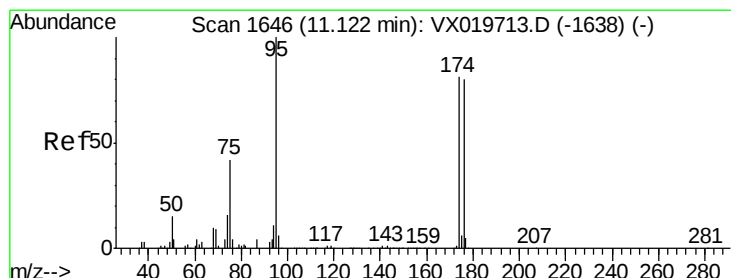
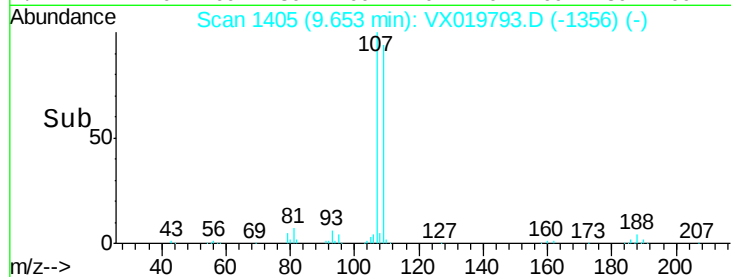
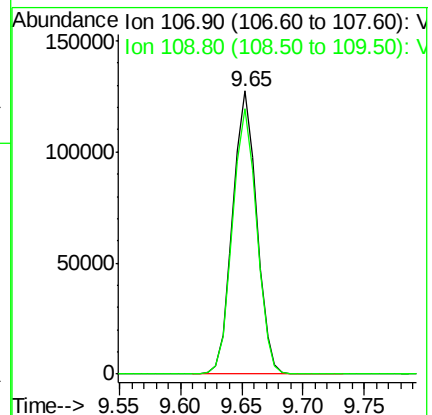
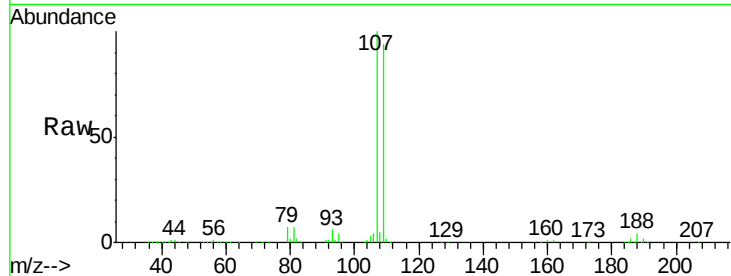
109 94.6 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 48.983 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

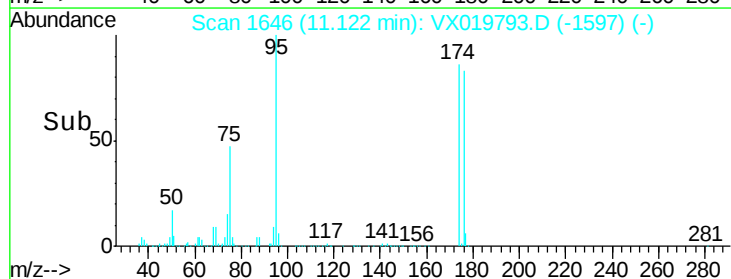
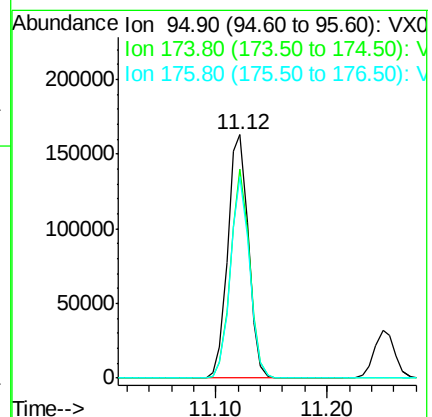
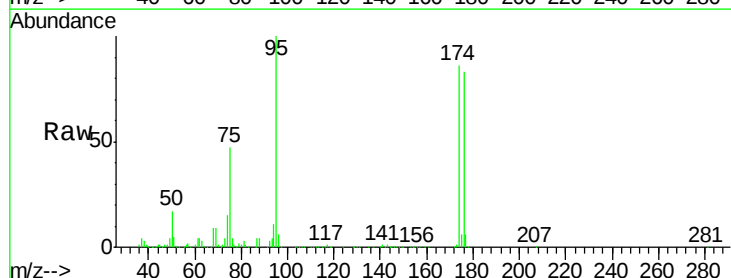
Tgt Ion: 95 Resp: 208668

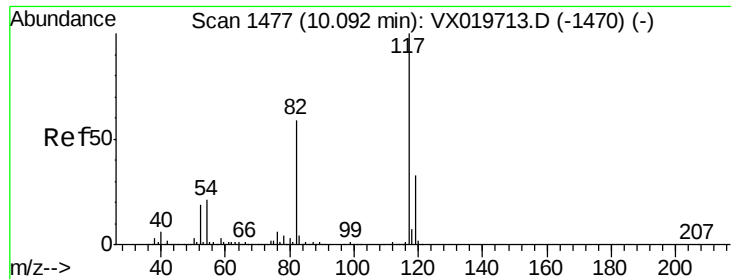
Ion Ratio Lower Upper

95 100

174 79.1 0.0 154.6

176 76.8 0.0 155.8





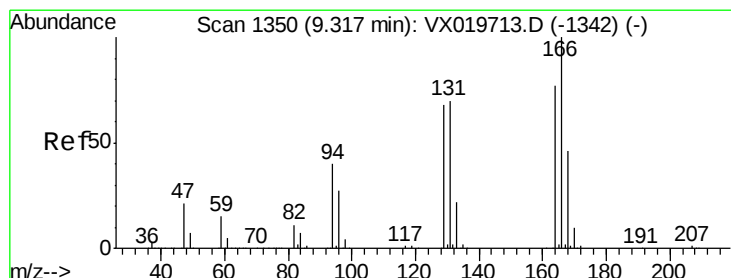
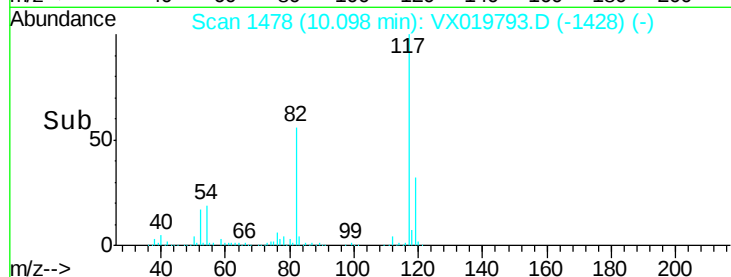
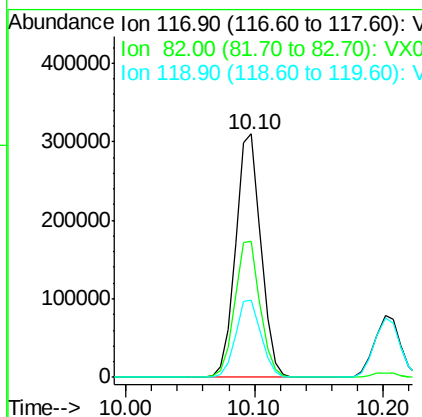
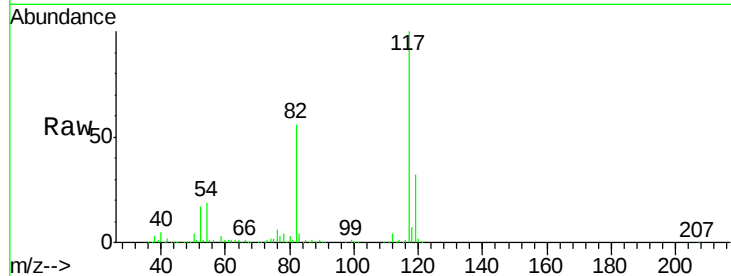
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	422183		
82	56.1	47.4	71.2	
119	31.7	26.6	39.8	

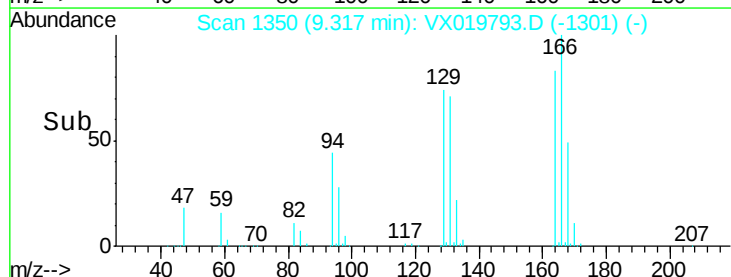
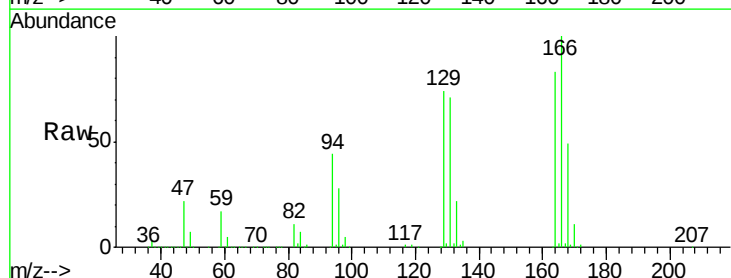
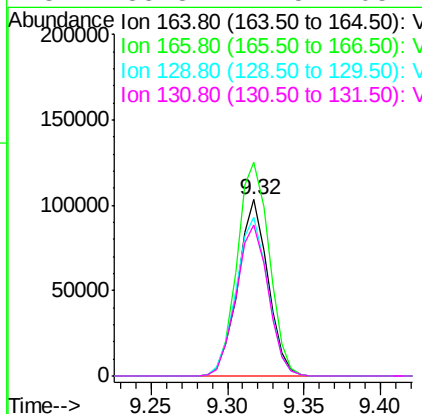
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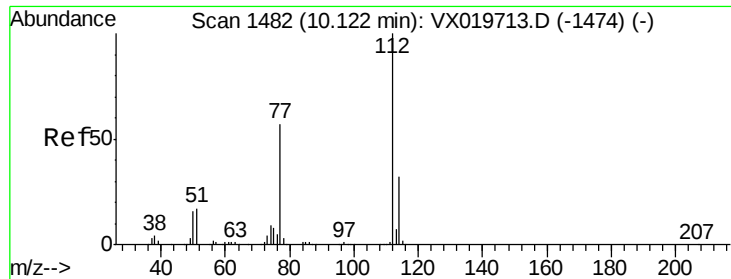
MMDadoda
12/10/2020 9:31:34 AM



#64
Tetrachloroethene
Concen: 49.872 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141199		
166	121.0	103.4	155.2	
129	90.2	70.8	106.2	
131	85.8	72.5	108.7	





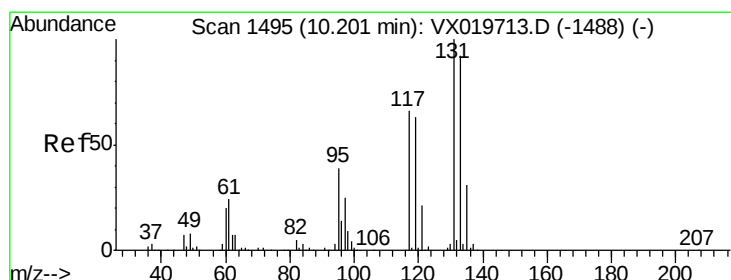
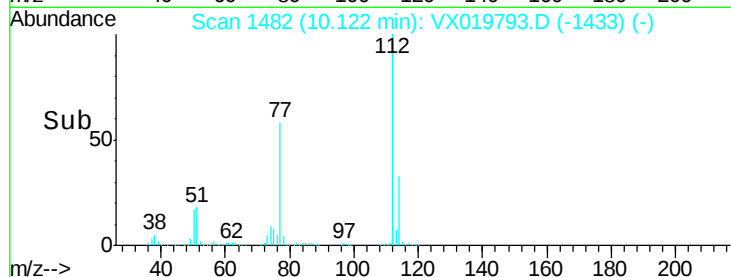
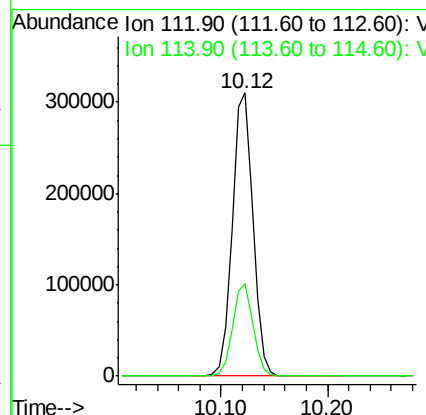
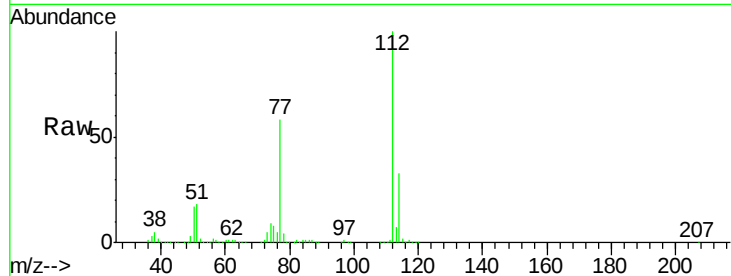
#65
Chlorobenzene
Concen: 50.119 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 421558
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

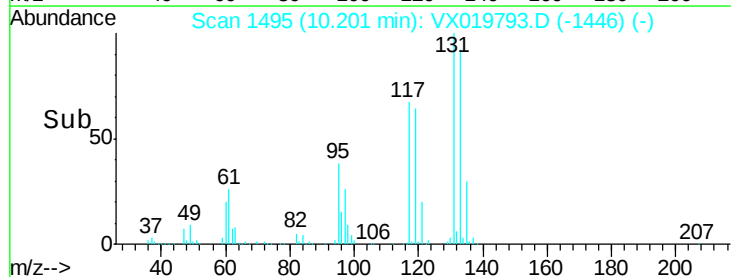
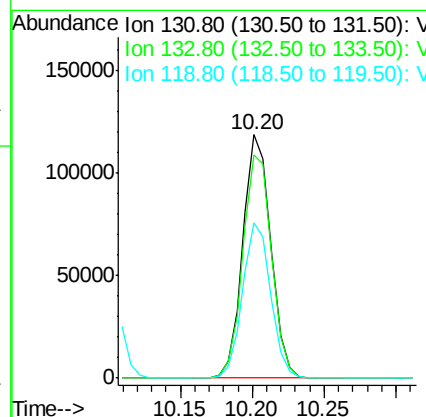
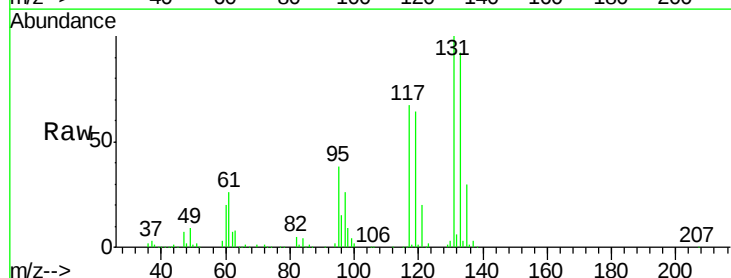
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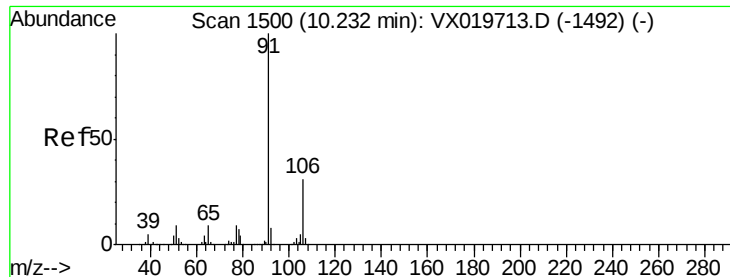
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.792 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion:131 Resp: 159822
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 64.5 32.1 96.5





#67

Ethyl Benzene

Concen: 51.437 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 767957

Ion Ratio Lower Upper

91 100

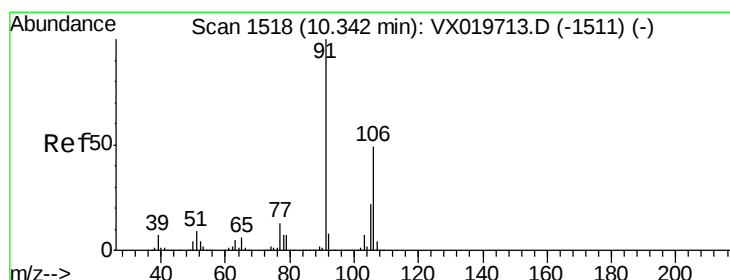
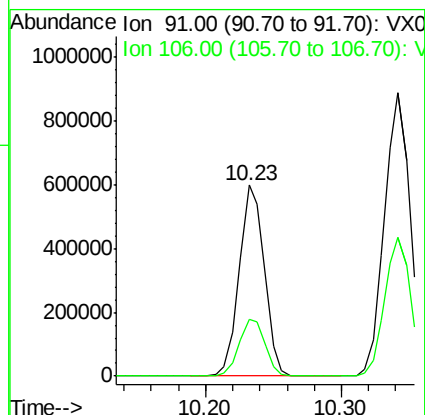
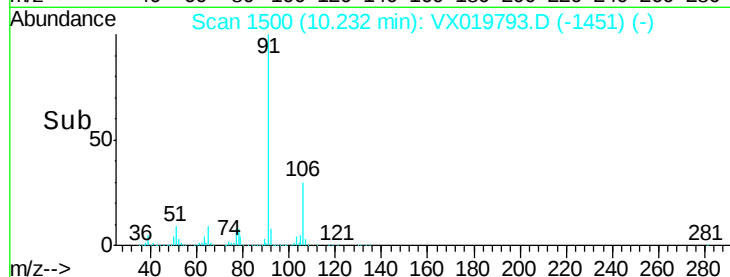
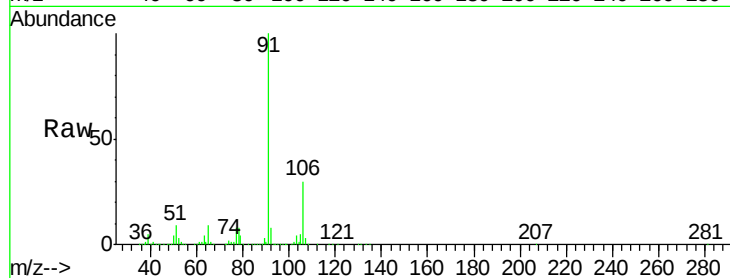
106 29.9 24.6 37.0

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#68

m/p-Xylenes

Concen: 102.623 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019793.D

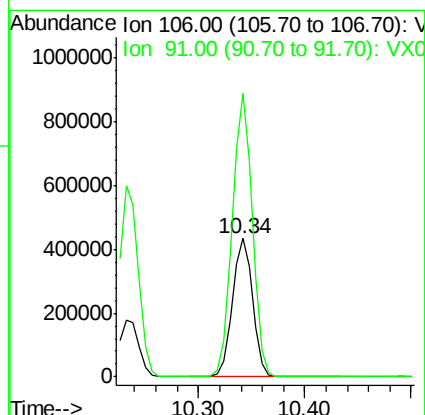
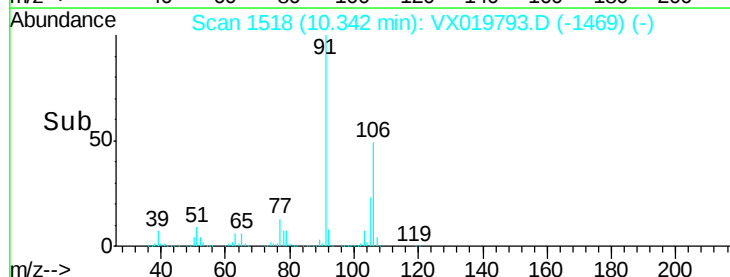
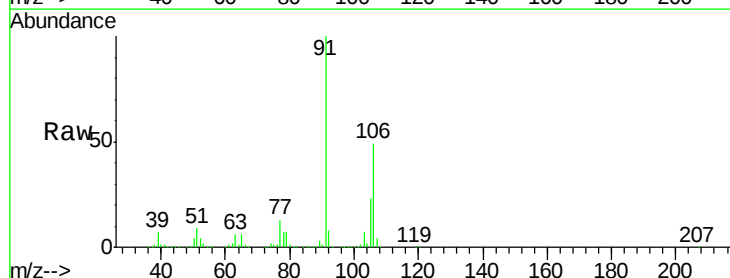
Acq: 09 Dec 2020 20:50

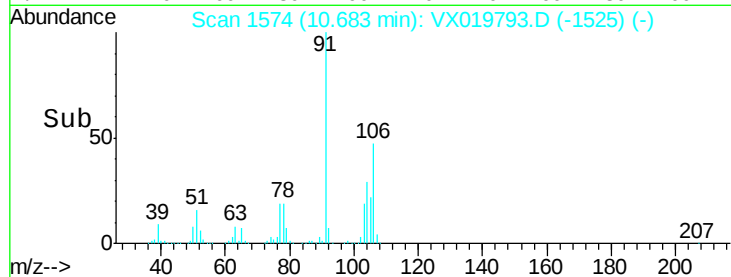
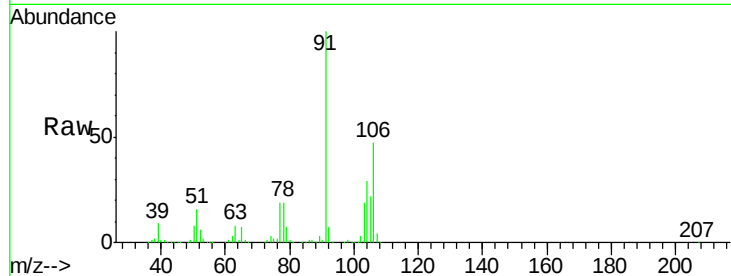
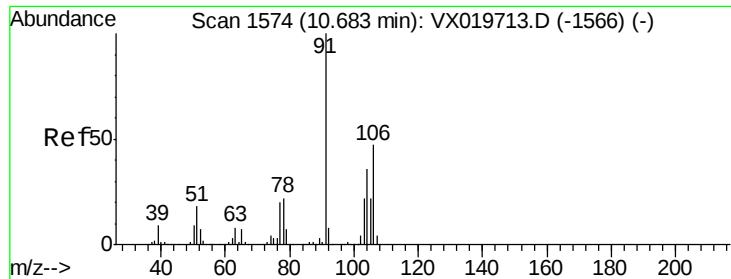
Tgt Ion: 106 Resp: 577340

Ion Ratio Lower Upper

106 100

91 203.4 162.8 244.2





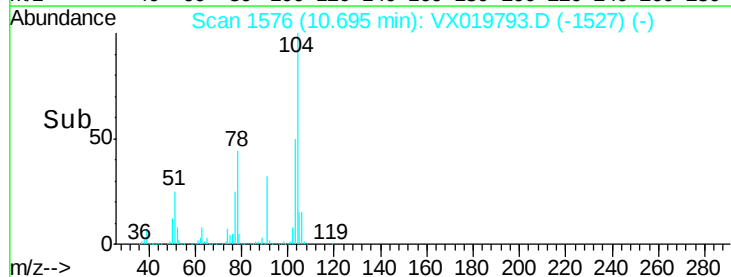
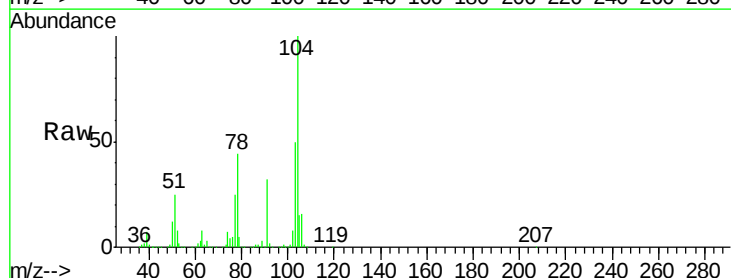
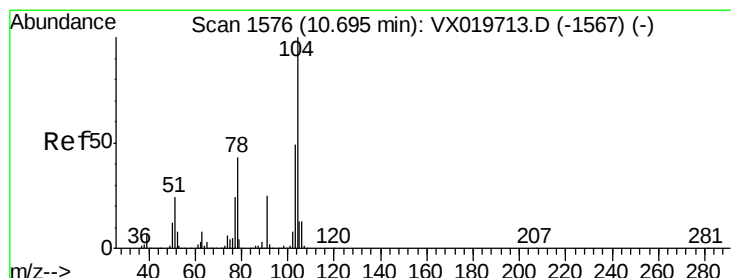
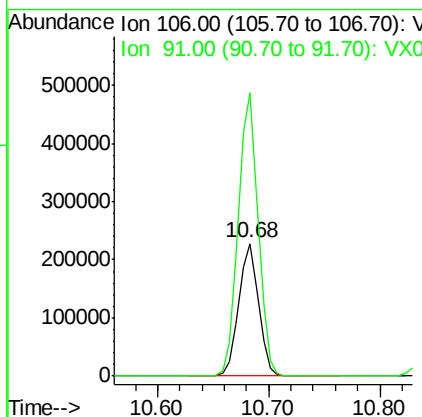
#69
o-Xylene
Concen: 51.993 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tot Ion:106 Resp: 281375
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

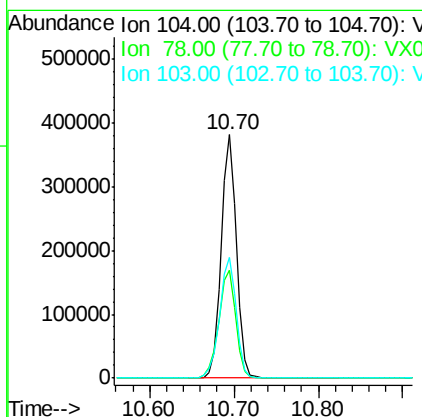
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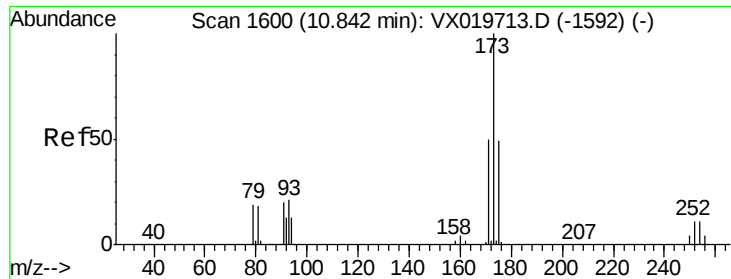
MMDadoda
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#70
Styrene
Concen: 52.414 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion:104 Resp: 478776
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 54.0 43.4 65.0





#71

Bromoform

Concen: 52.450 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

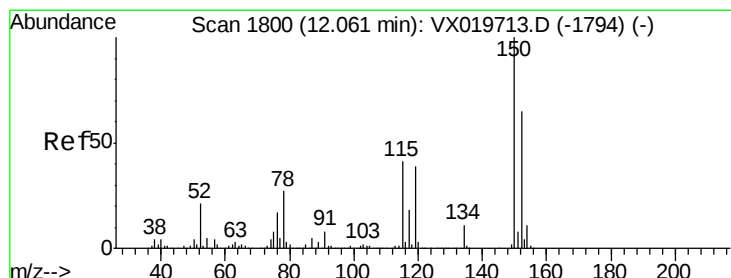
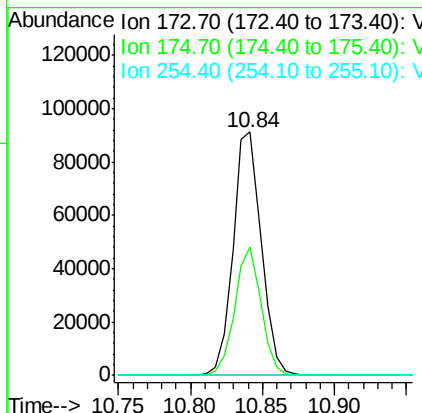
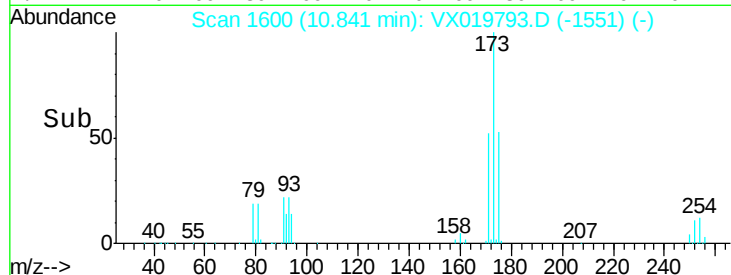
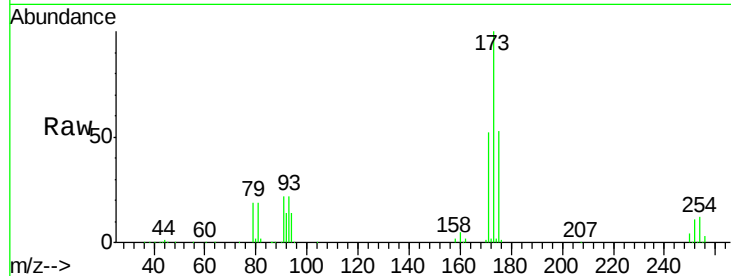
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.8
254	0.2	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

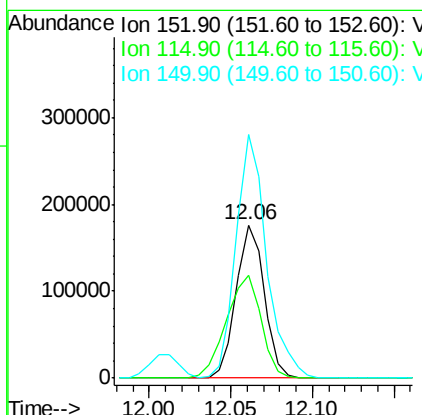
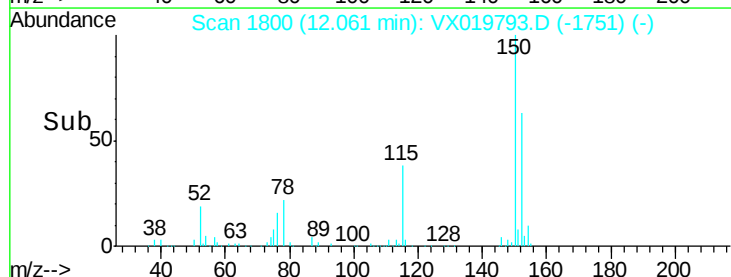
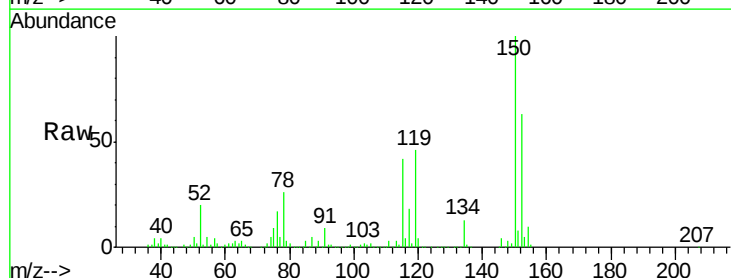
RT: 12.06 min Scan# 1800

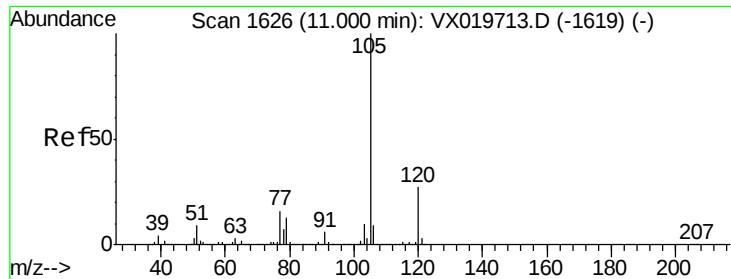
Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.4	41.1	123.3
150	172.1	0.0	349.0





#73

Isopropylbenzene

Concen: 51.413 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 747199

Ion Ratio Lower Upper

105 100

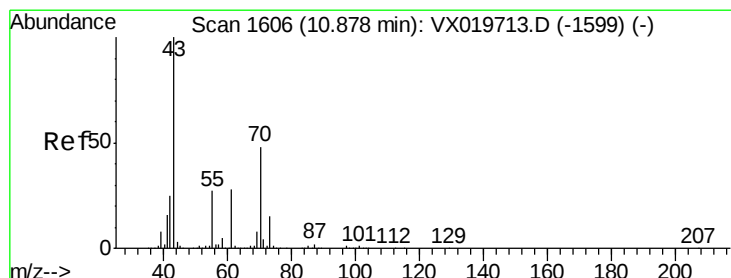
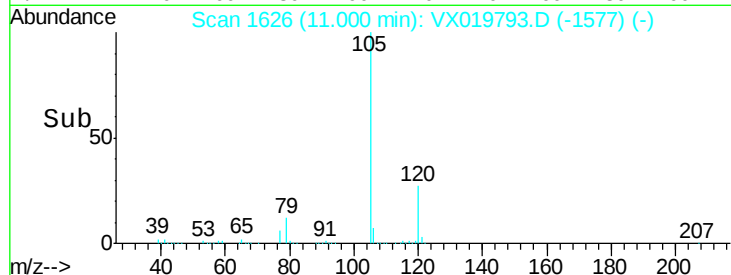
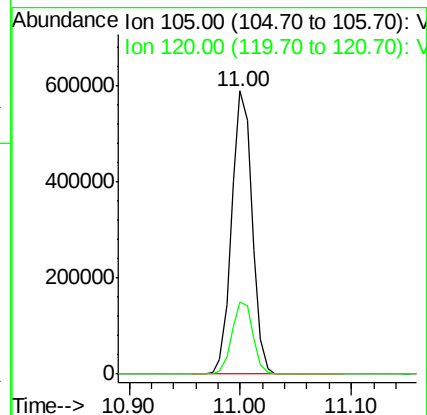
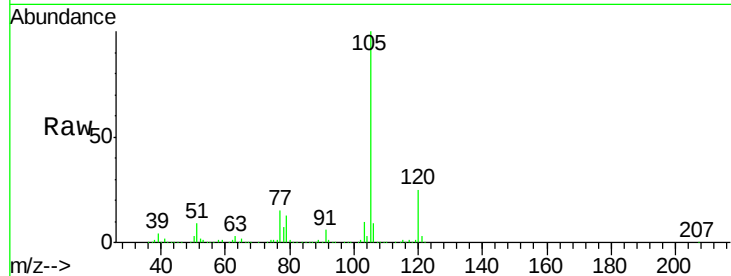
120 26.2 13.2 39.6

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#74

N-ethyl acetate

Concen: 51.768 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion: 43 Resp: 301505

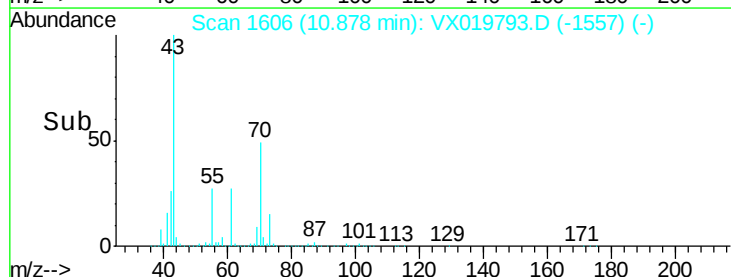
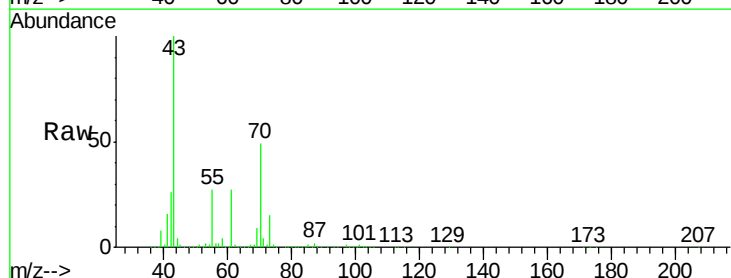
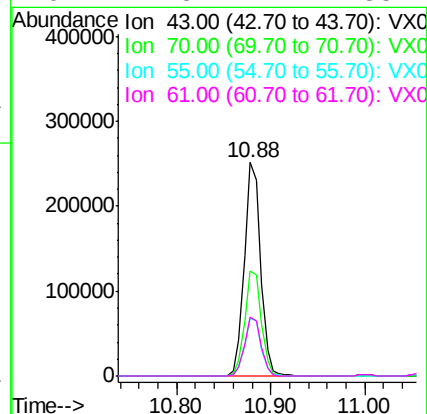
Ion Ratio Lower Upper

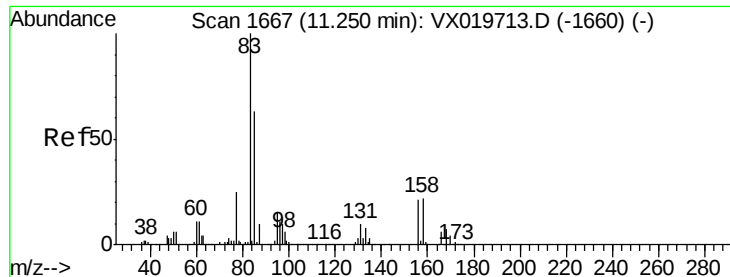
43 100

70 50.3 39.0 58.6

55 27.5 21.5 32.3

61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.013 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

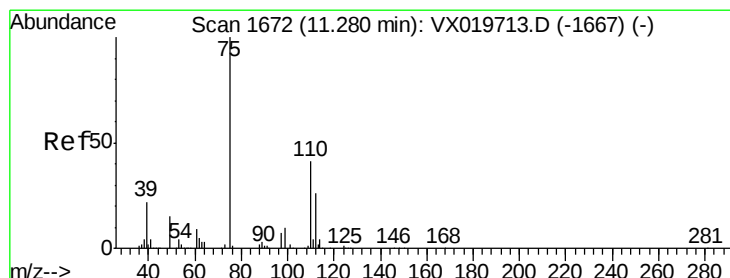
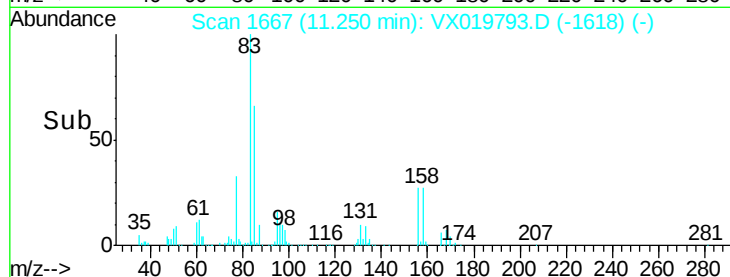
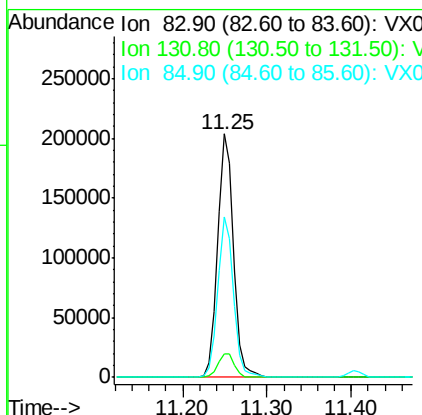
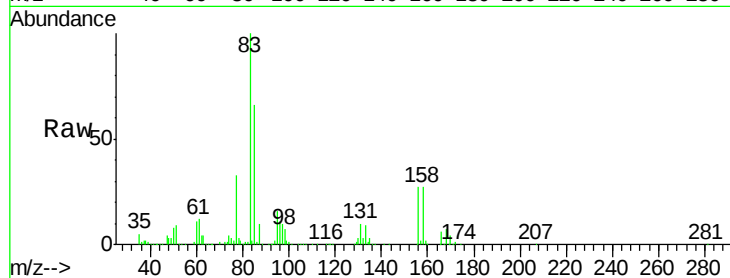
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	266508
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.2
85	65.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 50.956 ug/l m

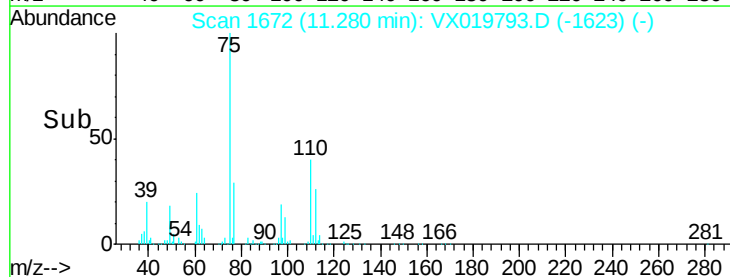
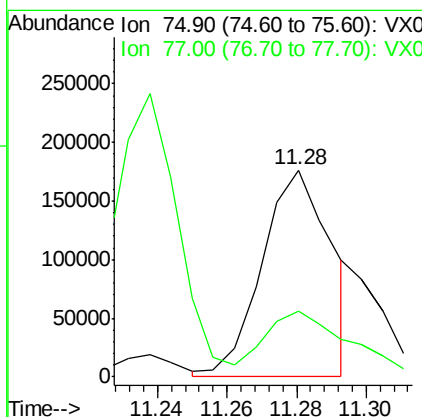
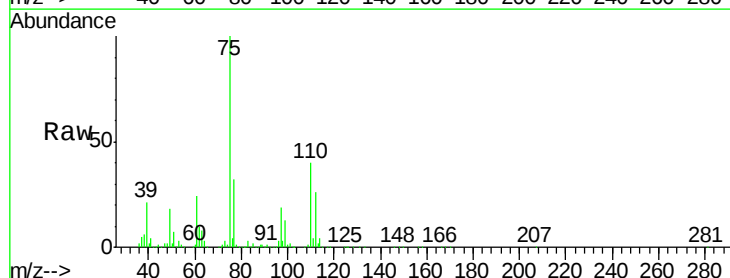
RT: 11.28 min Scan# 1672

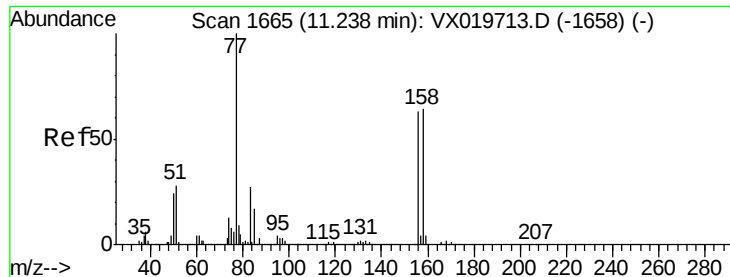
Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion:	75	Resp:	243114
Ion Ratio	Lower	Upper	
75	100		
77	38.9	19.1	57.5





#77

Bromobenzene

Concen: 50.373 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 187348

Ion Ratio Lower Upper

156 100

77 164.8 82.8 248.6

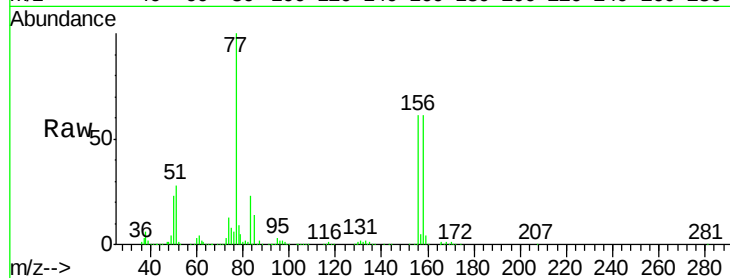
158 98.7 49.1 147.4

Manual Integrations

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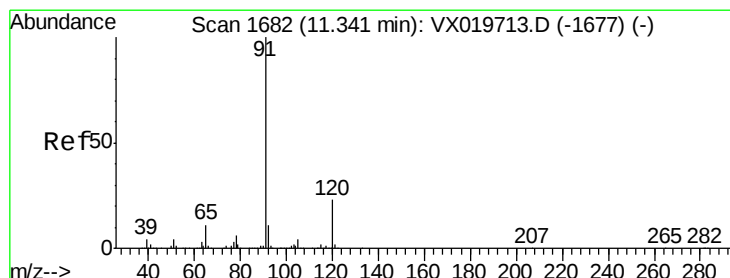
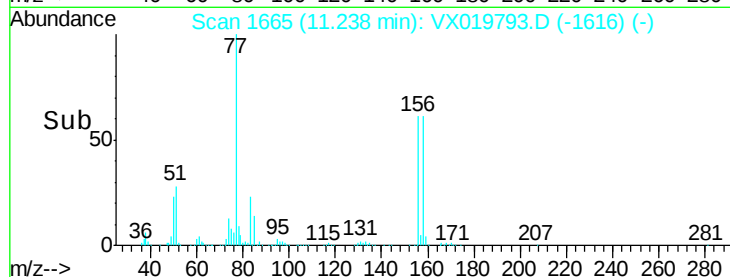
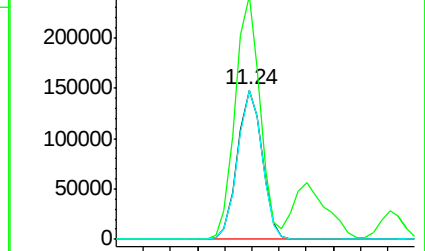
12/10/2020 9:31:34 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.227 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019793.D

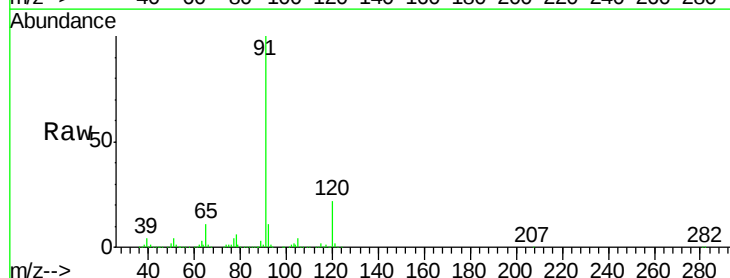
Acq: 09 Dec 2020 20:50

Tgt Ion: 91 Resp: 850324

Ion Ratio Lower Upper

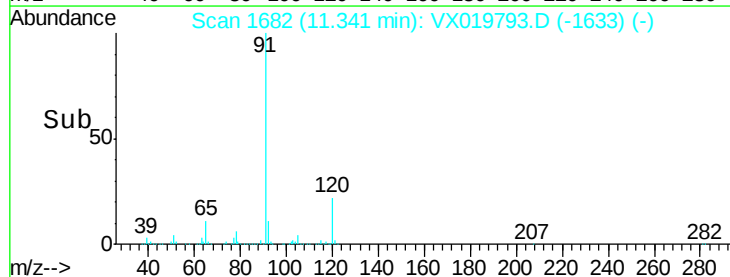
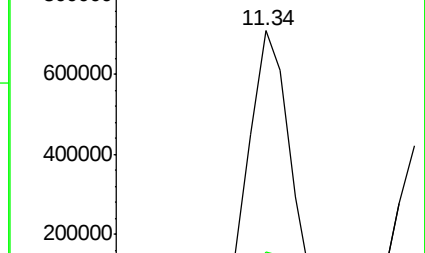
91 100

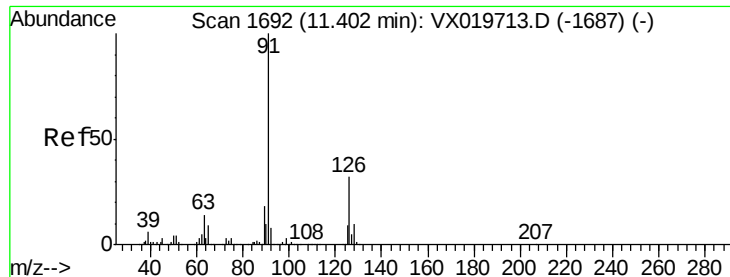
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.904 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 520350

Ion Ratio Lower Upper

91 100

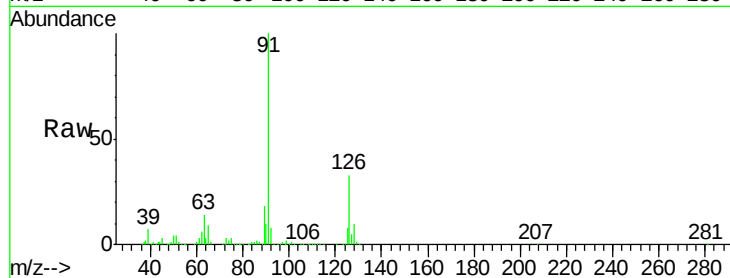
126 33.2 16.6 49.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)

800000

600000

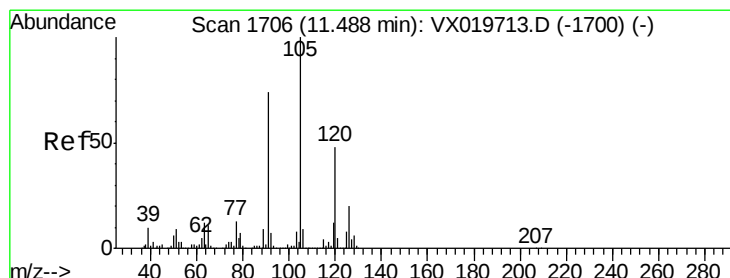
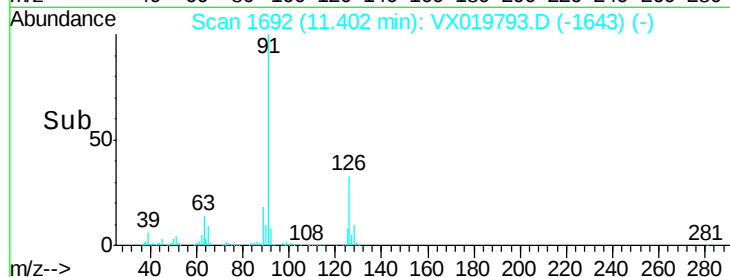
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.125 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019793.D

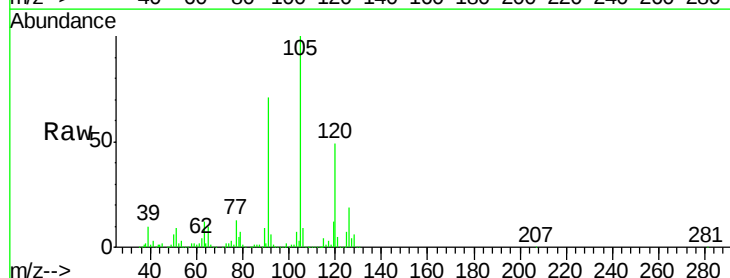
Acq: 09 Dec 2020 20:50

Tgt Ion: 105 Resp: 639343

Ion Ratio Lower Upper

105 100

120 48.7 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)

600000

500000

400000

300000

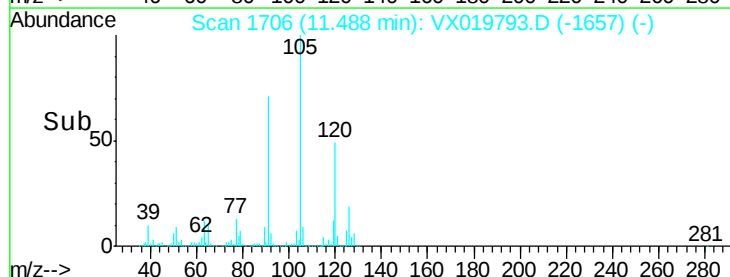
200000

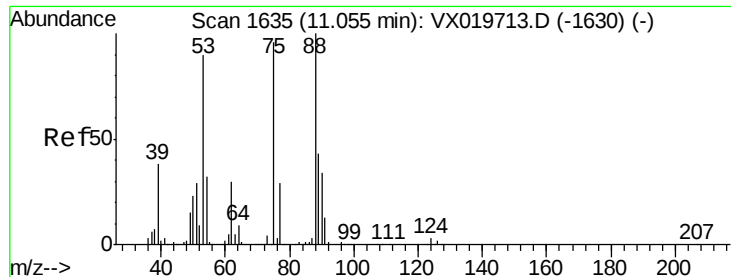
100000

0

11.40 11.50 11.60

Time-->





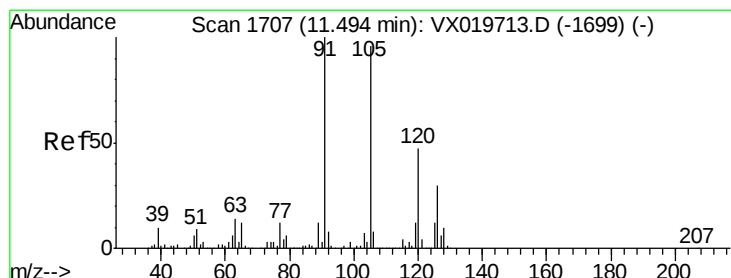
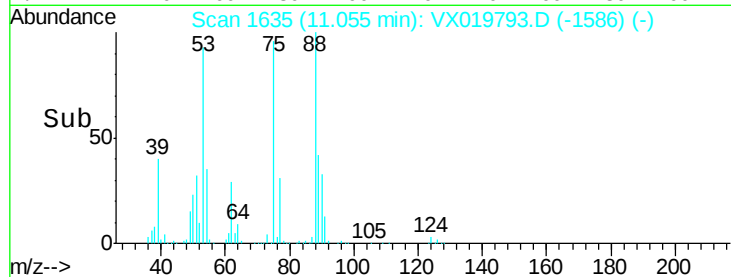
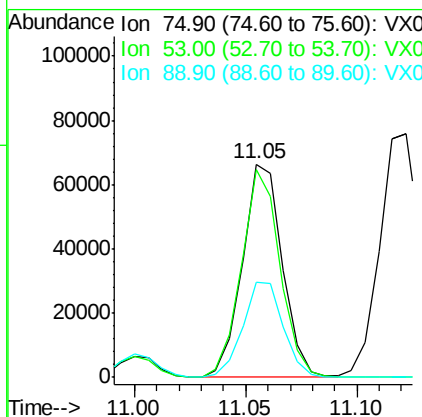
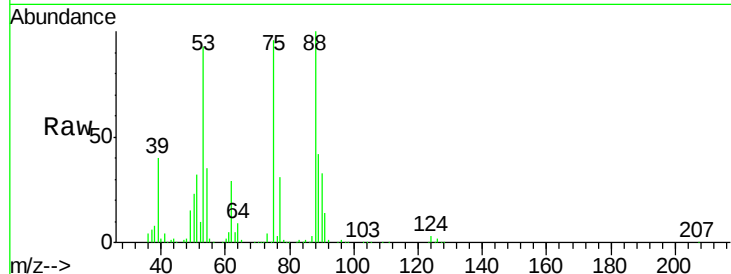
#81
trans-1,4-Dichloro-2-butene
Concen: 50.139 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.4	74.5	111.7
89	45.8	37.9	56.9

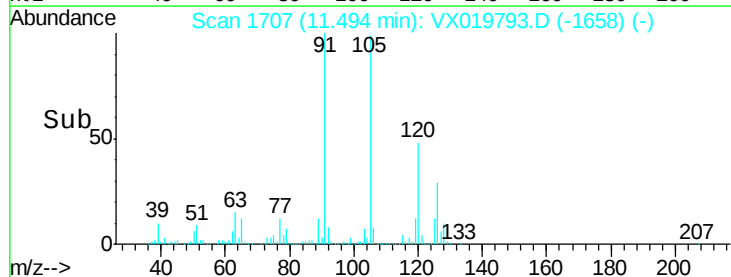
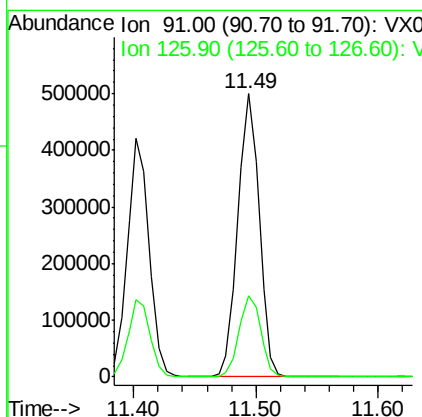
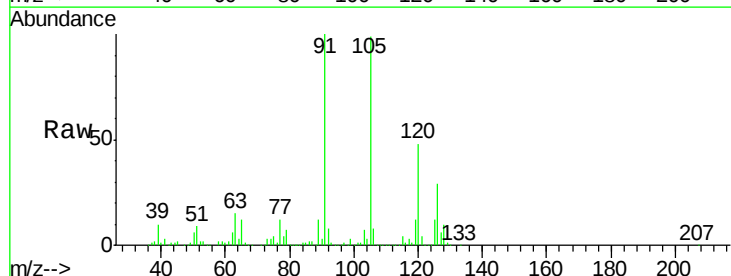
Manual Integrations
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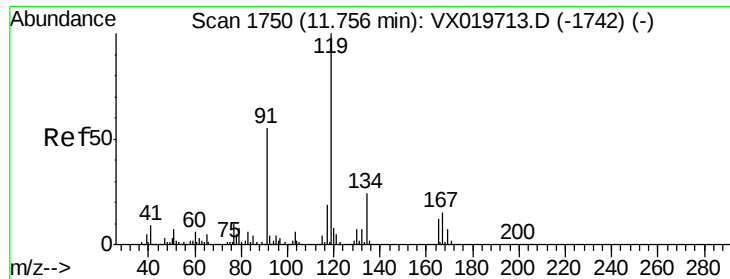
MMDadoda
12/10/2020 9:31:34 AM



#82
4-Chlorotoluene
Concen: 50.327 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.5





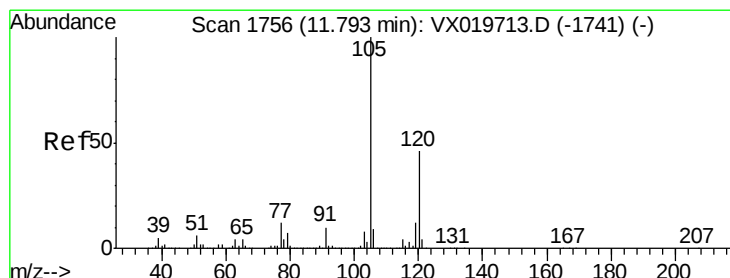
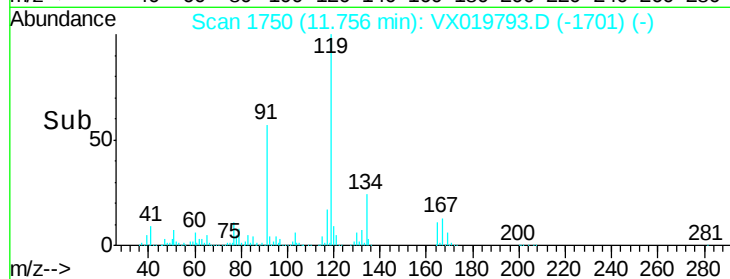
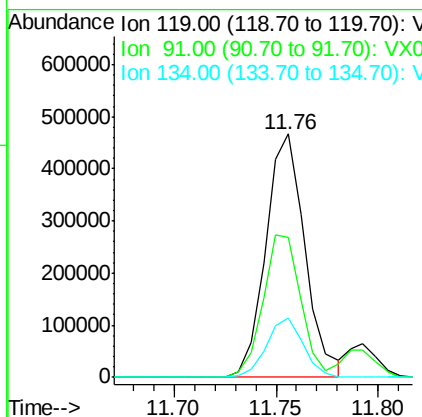
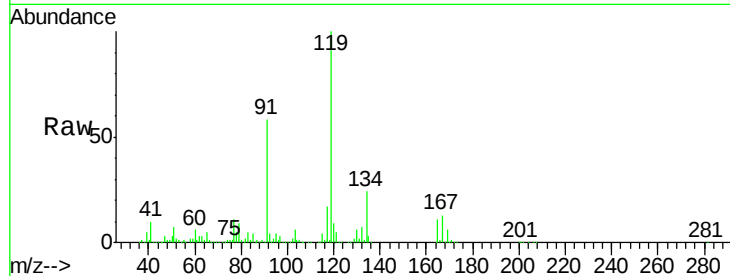
#83
tert-Butylbenzene
Concen: 51.842 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	27.9	83.7
134	22.8	11.3	33.9

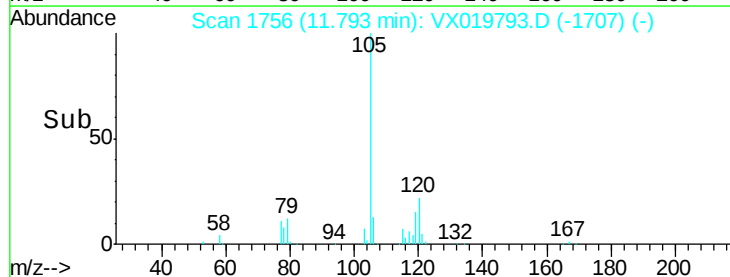
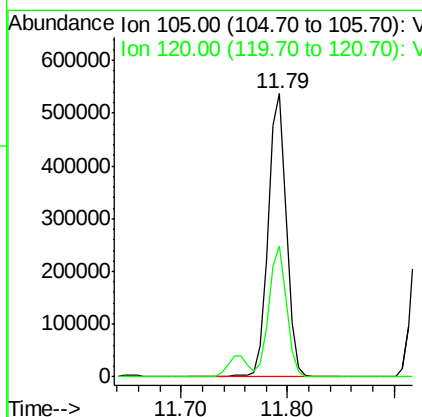
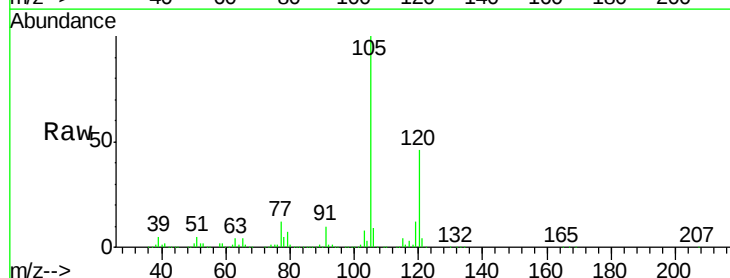
Manual Integrations
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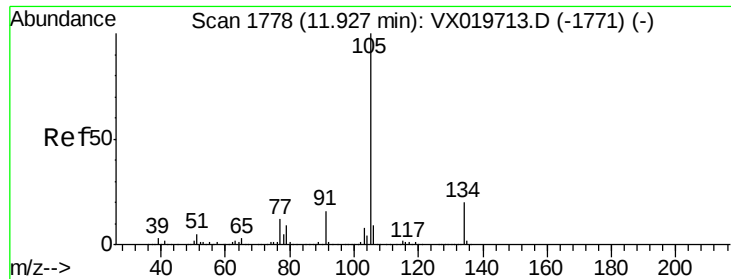
MMDadoda
12/10/2020 9:31:34 AM



#84
1,2,4-Trimethylbenzene
Concen: 52.067 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3





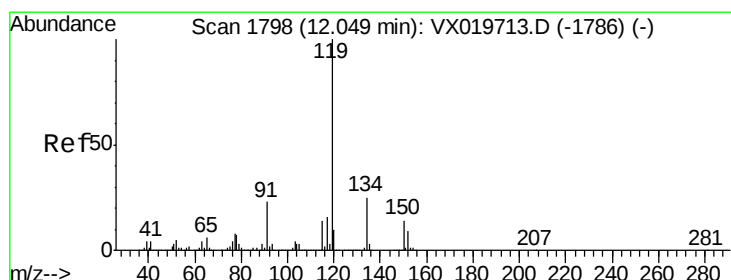
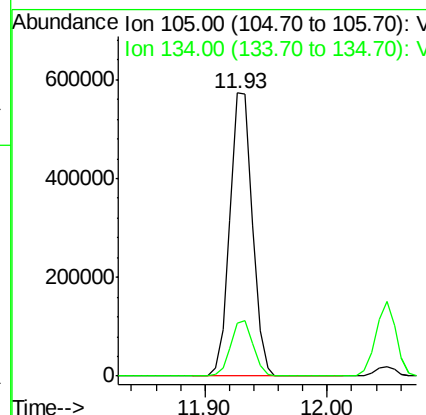
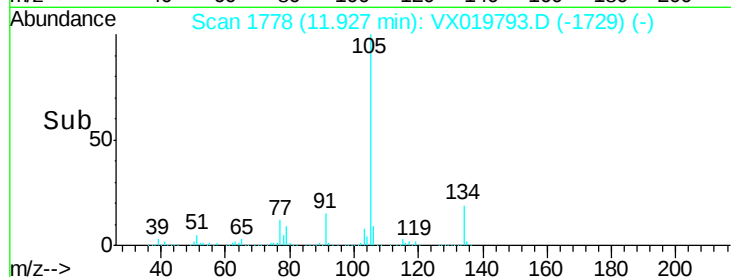
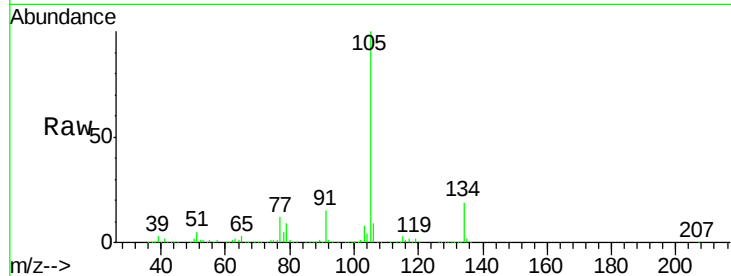
#85
 sec-Butylbenzene
 Concen: 52.844 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.0	29.8

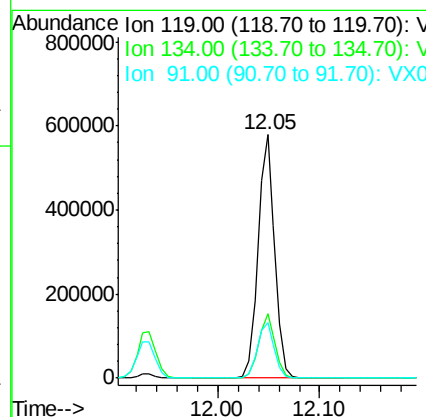
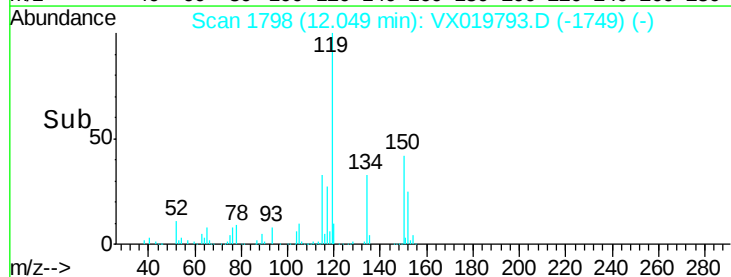
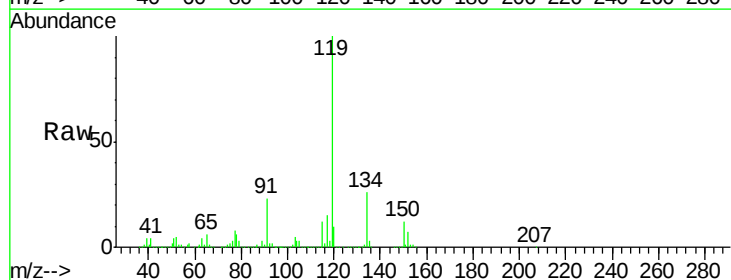
Manual Integrations
 APPROVED

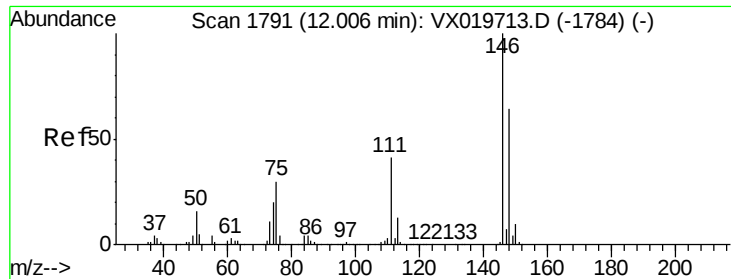
MMDadoda
 12/10/2020 9:31:34 AM



#86
 p-Isopropyltoluene
 Concen: 52.429 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	23.4	11.7	35.0





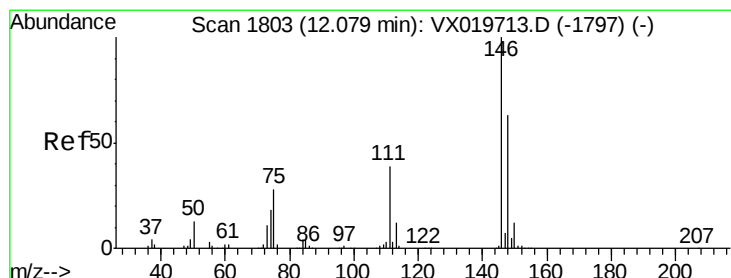
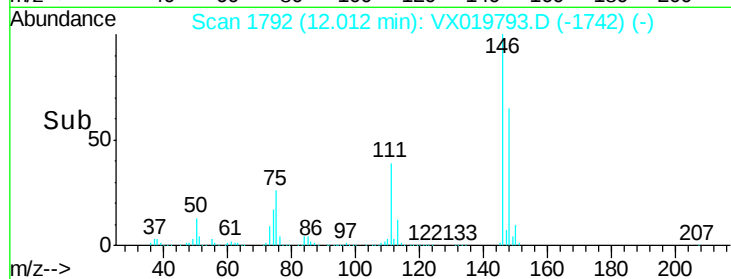
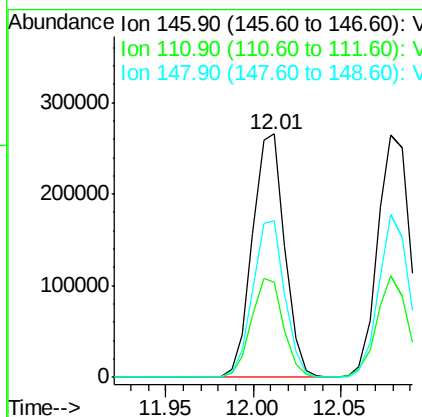
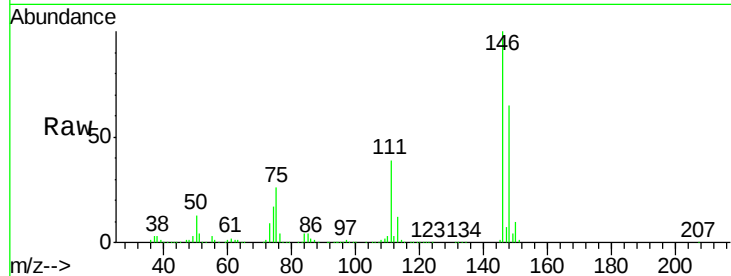
#87
 1,3-Dichlorobenzene
 Concen: 50.001 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	341313		
111	40.3	20.2	60.5	
148	64.0	31.9	95.7	

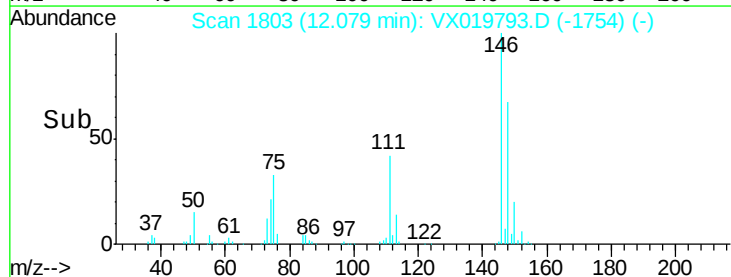
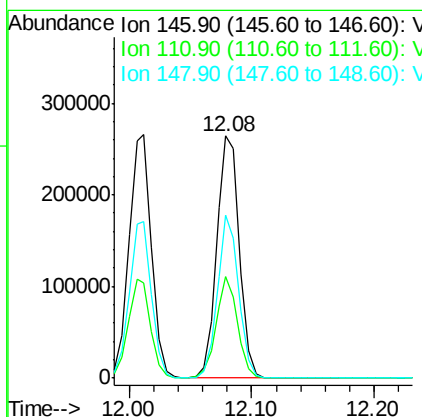
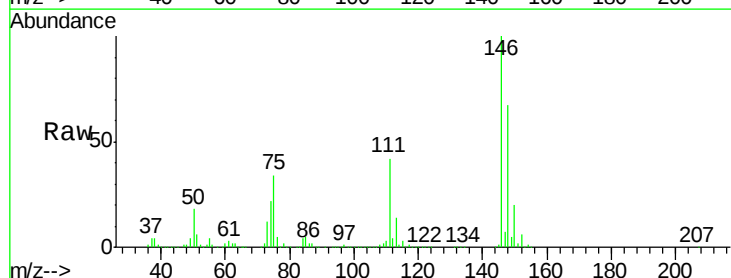
Manual Integrations
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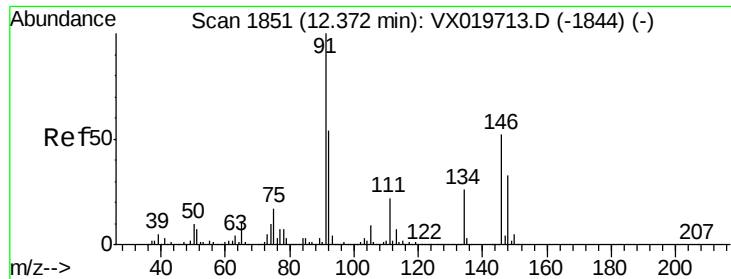
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 12/10/2020 9:31:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.722 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	338744		
111	39.8	19.6	58.8	
148	63.7	31.6	95.0	





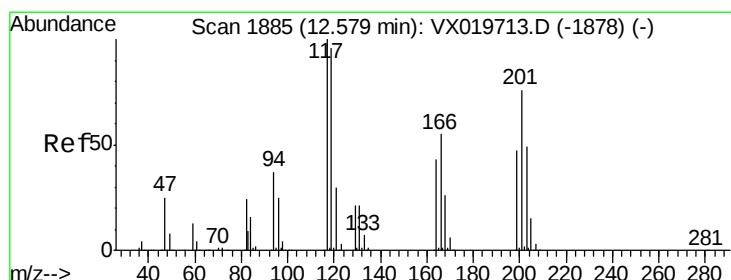
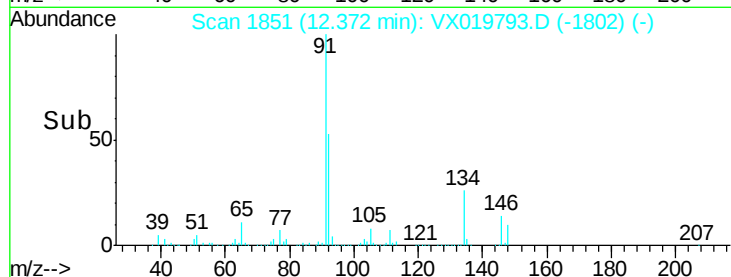
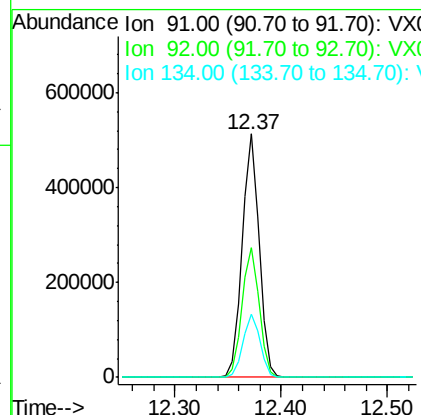
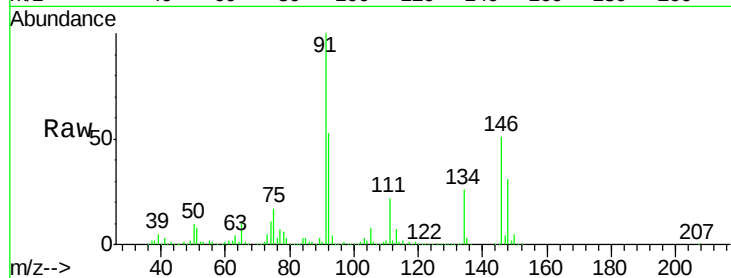
#89
n-Butylbenzene
Concen: 51.650 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.4	82.0
134	26.0	13.2	39.5

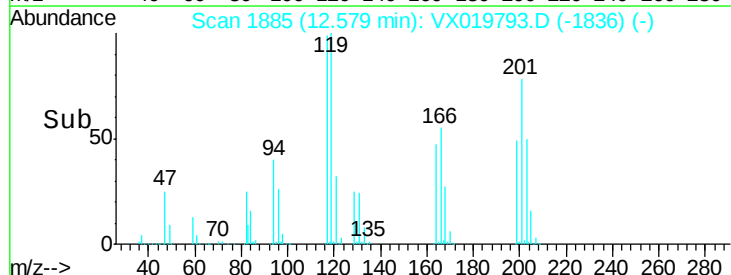
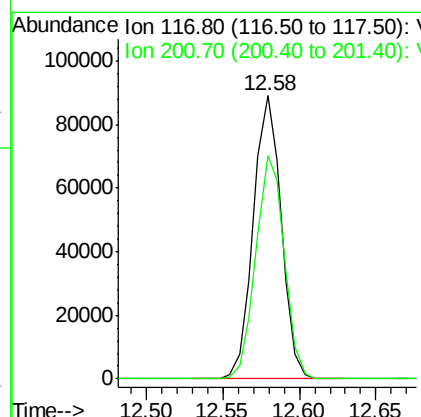
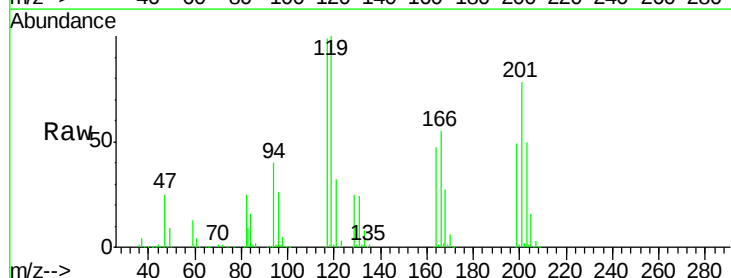
Manual Integrations
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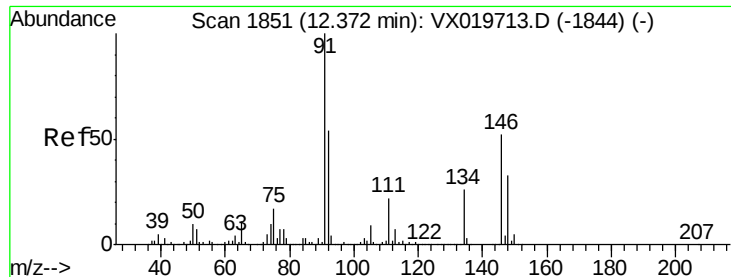
MMDadoda
12/10/2020 9:31:34 AM



#90
Hexachloroethane
Concen: 51.961 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	40.4	121.2





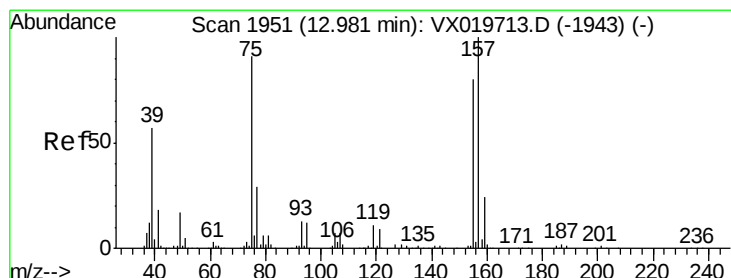
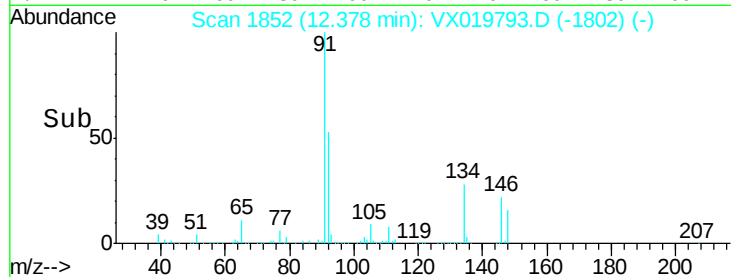
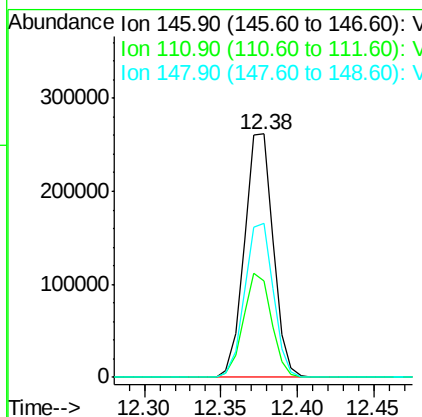
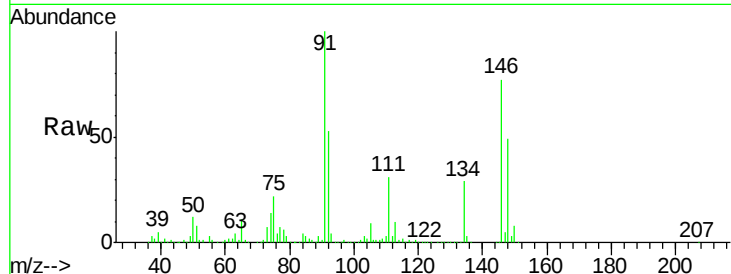
#91
 1,2-Dichlorobenzene
 Concen: 51.239 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	340960		
111	42.0	20.8	62.2	
148	63.0	31.9	95.5	

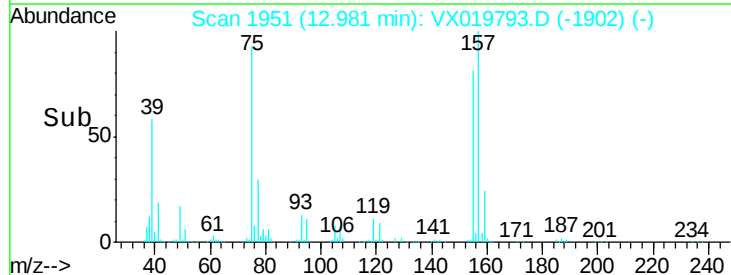
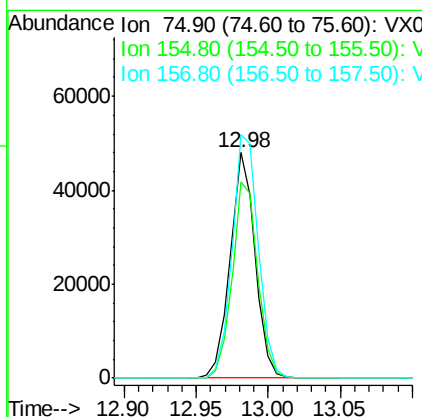
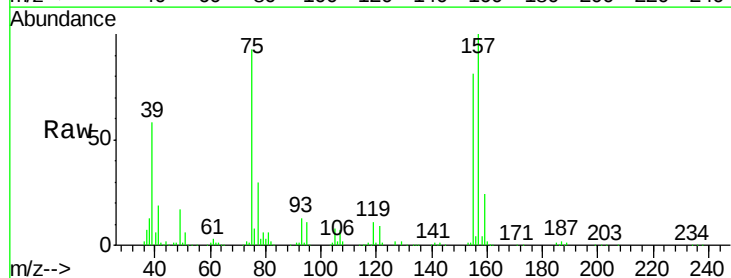
Manual Integrations
 APPROVED

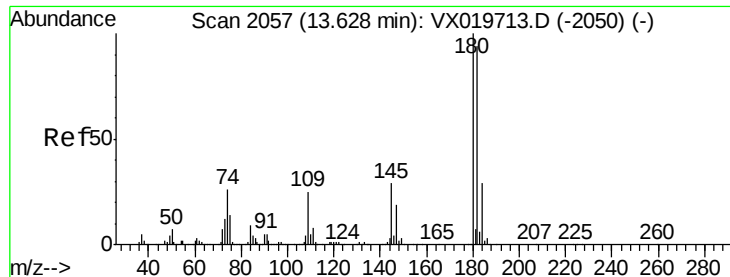
MMDadoda
 12/10/2020 9:31:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.148 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58543		
155	88.9	45.3	135.9	
157	113.4	57.7	173.1	





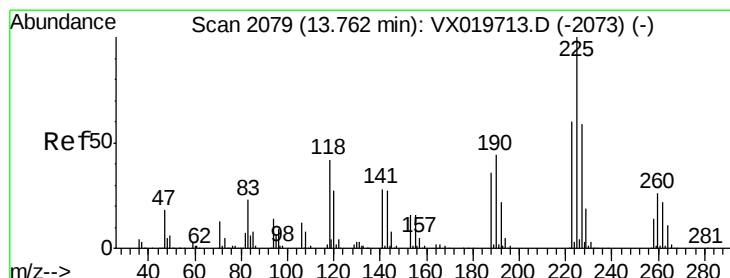
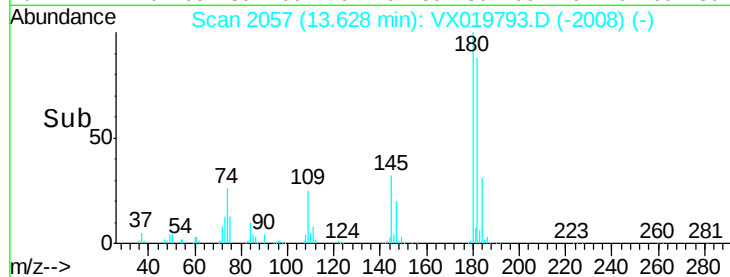
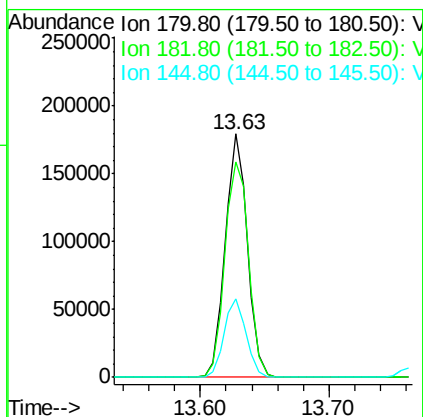
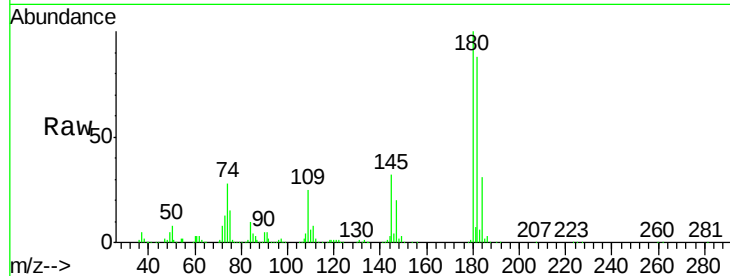
#93
 1,2,4-Trichlorobenzene
 Concen: 50.240 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217625		
182	94.9	47.7	143.1	
145	32.2	15.0	45.0	

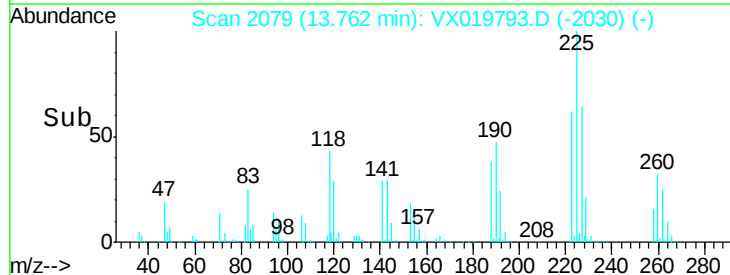
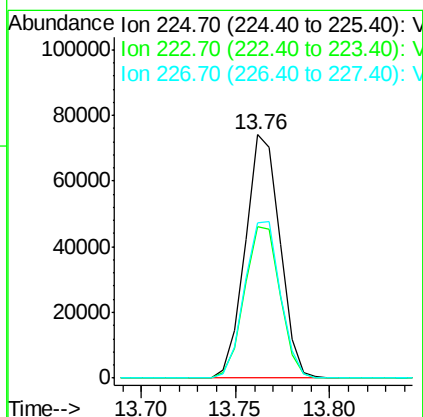
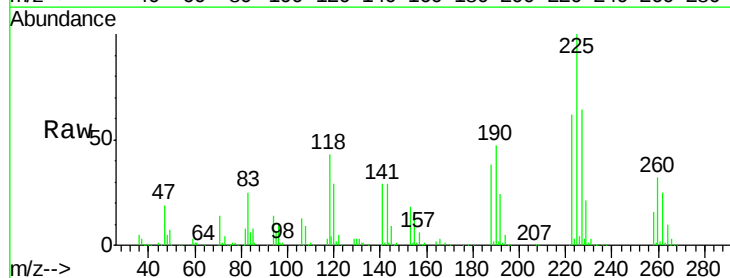
Manual Integrations
 APPROVED

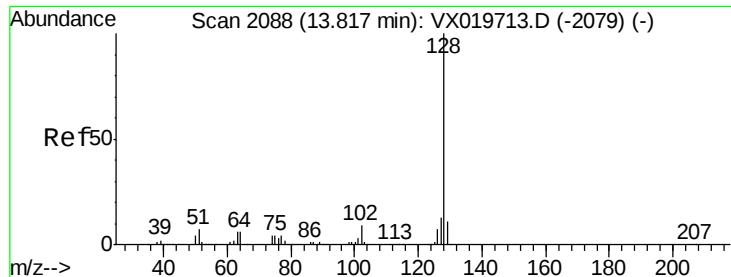
MMDadoda
 12/10/2020 9:31:34 AM



#94
 Hexachlorobutadiene
 Concen: 48.834 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94545		
223	64.0	31.1	93.2	
227	66.3	31.6	95.0	





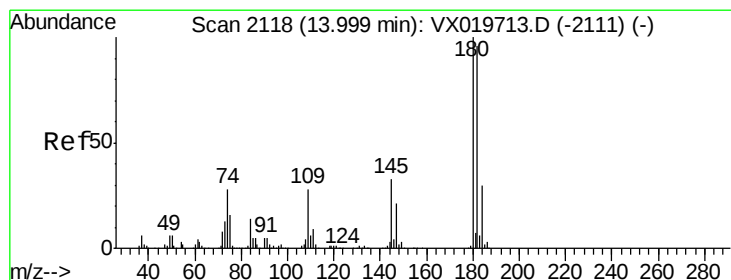
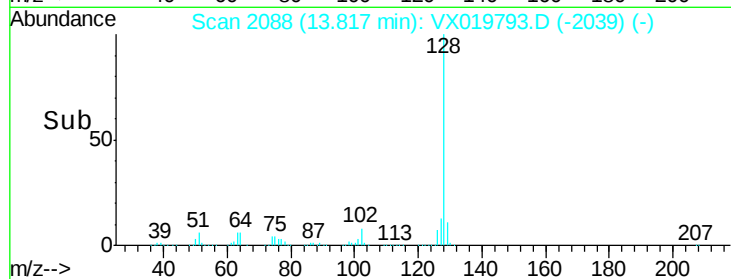
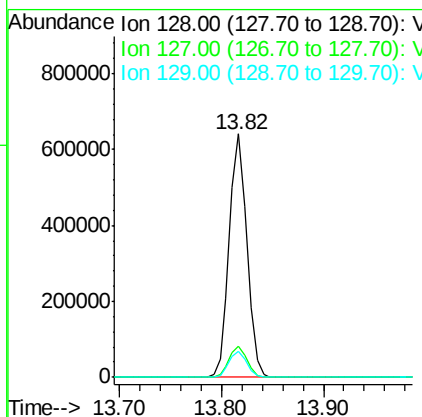
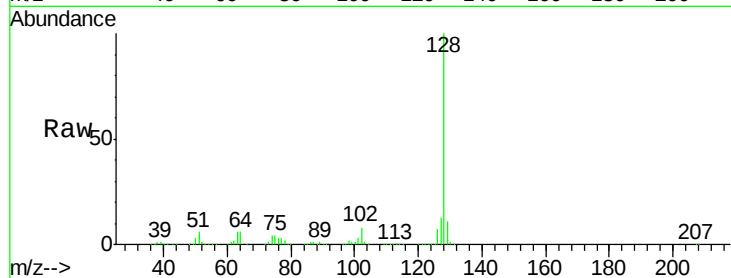
#95
Naphthalene
Concen: 54.660 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:31:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.549 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.9
145	32.5	16.1	48.3

