

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019837.D
 Acq On : 10 Dec 2020 19:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:28 PM

Quant Time: Dec 11 02:44:11 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	263839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166974	48.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.30%
35) Dibromofluoromethane	5.46	113	135455	47.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.50%
50) Toluene-d8	8.70	98	518056	47.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.66%
62) 4-Bromofluorobenzene	11.12	95	198971	48.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.54%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122819	50.845	ug/l	100
3) Chloromethane	1.31	50	133086	46.848	ug/l	99
4) Vinyl Chloride	1.39	62	157585	52.609	ug/l	98
5) Bromomethane	1.62	94	47665	47.924	ug/l	100
6) Chloroethane	1.70	64	99275	55.172	ug/l	97
7) Trichlorofluoromethane	1.91	101	220910	52.956	ug/l	95
8) Diethyl Ether	2.17	74	92117	52.109	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129531	54.173	ug/l	100
10) Methyl Iodide	2.49	142	171787	48.742	ug/l	99
11) Tert butyl alcohol	3.01	59	196276	275.592	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128465	53.143	ug/l	99
13) Acrolein	2.27	56	87430	228.421	ug/l	99
14) Allyl chloride	2.70	41	213189	52.218	ug/l	98
15) Acrylonitrile	3.11	53	431946	275.543	ug/l	99
16) Acetone	2.42	43	336844	258.437	ug/l	99
17) Carbon Disulfide	2.55	76	327153	47.166	ug/l	99
18) Methyl Acetate	2.75	43	184264	57.772	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	478058	54.303	ug/l	100
20) Methylene Chloride	2.83	84	158674	53.422	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	147610	52.376	ug/l	98
22) Diisopropyl ether	3.82	45	454807	55.098	ug/l	94
23) Vinyl Acetate	3.78	43	1952549	277.646	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268530	53.946	ug/l	99
25) 2-Butanone	4.63	43	548984	274.109	ug/l	99
26) 2,2-Dichloropropane	4.54	77	204885	47.796	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	171862	52.109	ug/l	99
28) Bromochloromethane	4.98	49	116484	49.089	ug/l	100
29) Tetrahydrofuran	5.09	42	353330	273.820	ug/l	99
30) Chloroform	5.17	83	276504	54.023	ug/l	99
31) Cyclohexane	5.55	56	226763	52.571	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	237486	53.880	ug/l	100
36) 1,1-Dichloropropene	5.77	75	200323	50.501	ug/l	99
37) Ethyl Acetate	4.79	43	210227	52.490	ug/l	100
38) Carbon Tetrachloride	5.75	117	200507	51.618	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	240270	51.555	ug/l	99
40) Benzene	6.11	78	626577	51.710	ug/l	100
41) Methacrylonitrile	5.00	41	114782	52.198	ug/l	98
42) 1,2-Dichloroethane	6.16	62	215625	52.083	ug/l	100
43) Isopropyl Acetate	6.41	43	339138	52.084	ug/l	100
44) Trichloroethene	7.18	130	162299	51.049	ug/l	98
45) 1,2-Dichloropropane	7.49	63	160541	53.012	ug/l	98
46) Dibromomethane	7.63	93	107138	52.387	ug/l	100
47) Bromodichloromethane	7.87	83	214573	52.874	ug/l	99
48) Methyl methacrylate	7.74	41	168310	52.558	ug/l	99
49) 1,4-Dioxane	7.71	88	83480	1076.096	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1086922	273.410	ug/l	100
52) Toluene	8.76	92	388951	51.323	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	232060	51.531	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	254805	52.081	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	163271	53.460	ug/l	98
56) Ethyl methacrylate	9.16	69	250031	54.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	273085	52.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	659340	269.355	ug/l	99
59) 2-Hexanone	9.47	43	830349	269.464	ug/l	100
60) Dibromochloromethane	9.56	129	168942	54.447	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169989	52.417	ug/l	99
64) Tetrachloroethene	9.32	164	140591	51.769	ug/l	95
65) Chlorobenzene	10.12	112	415093	51.450	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	159223	54.831	ug/l	99
67) Ethyl Benzene	10.23	91	750913	52.435	ug/l	99
68) m/p-Xylenes	10.34	106	568706	105.388	ug/l	99
69) o-Xylene	10.68	106	271677	52.336	ug/l	100
70) Styrene	10.69	104	465971	53.182	ug/l	99
71) Bromoform	10.84	173	122054	53.429	ug/l #	98
73) Isopropylbenzene	11.00	105	733157	51.471	ug/l	100
74) N-amyl acetate	10.88	43	294644	51.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262008	52.174	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	241008m	51.541	ug/l	
77) Bromobenzene	11.24	156	184307	50.562	ug/l	99
78) n-propylbenzene	11.34	91	844828	51.930	ug/l	99
79) 2-Chlorotoluene	11.40	91	505097	50.416	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	620707	51.633	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	81867	50.611	ug/l	99
82) 4-Chlorotoluene	11.49	91	595214	50.728	ug/l	99
83) tert-Butylbenzene	11.76	119	610697	51.797	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	627103	51.786	ug/l	100
85) sec-Butylbenzene	11.93	105	705496	52.410	ug/l	100
86) p-Isopropyltoluene	12.05	119	641865	52.029	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	328359	49.080	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	335261	49.201	ug/l	99
89) n-Butylbenzene	12.37	91	560796	51.308	ug/l	100
90) Hexachloroethane	12.58	117	111234	52.226	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	329704	50.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56726	52.545	ug/l	96

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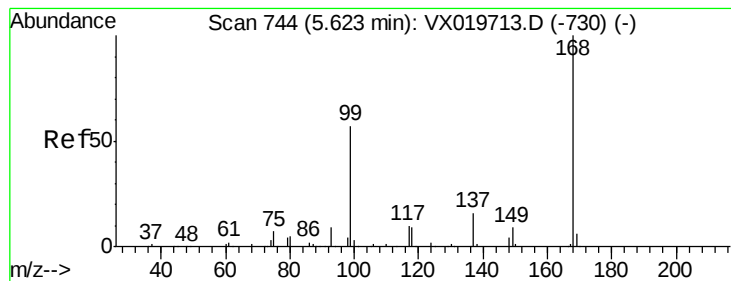
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	222966	52.519	ug/l	99
94) Hexachlorobutadiene	13.76	225	95246	50.195	ug/l	98
95) Naphthalene	13.82	128	746223	54.217	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	216691	52.227	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: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 263839

Ion Ratio Lower Upper

168 100

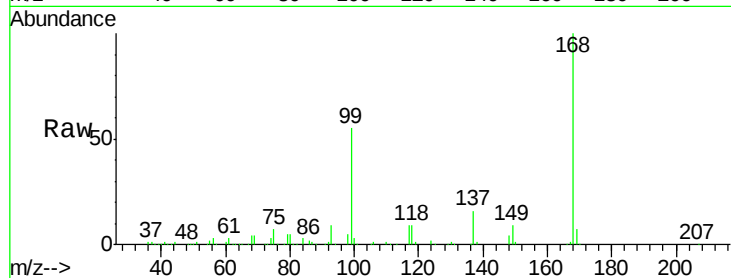
99 55.3 45.8 68.6

Manual Integrations

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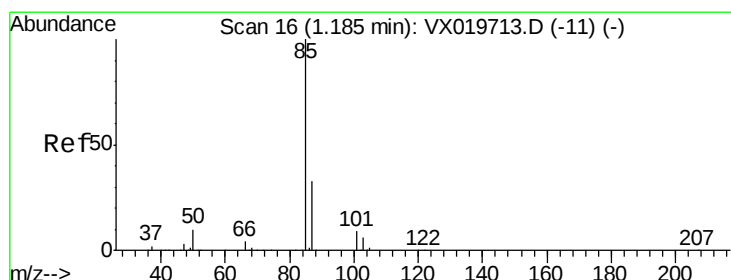
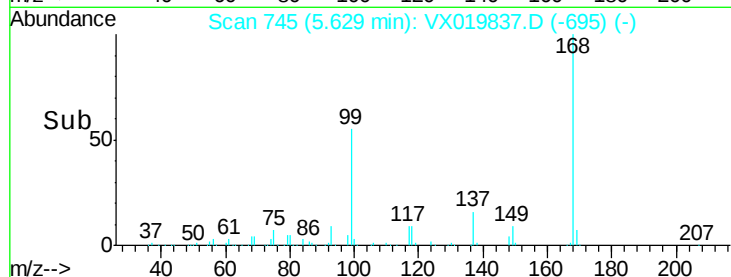
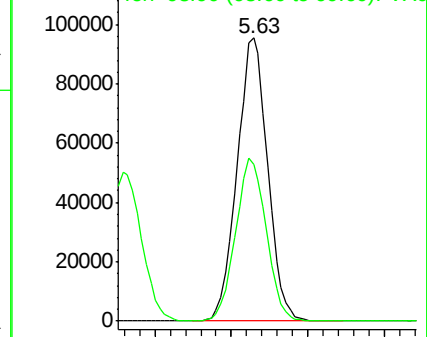
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.845 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019837.D

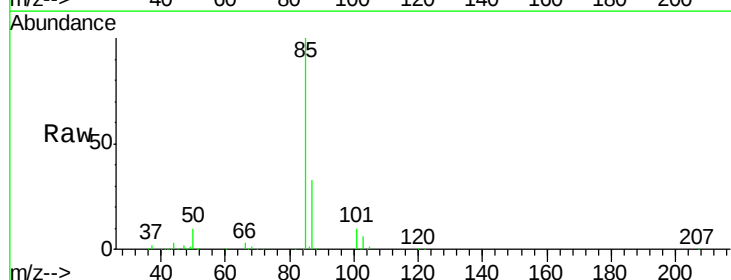
Acq: 10 Dec 2020 19:46

Tgt Ion: 85 Resp: 122819

Ion Ratio Lower Upper

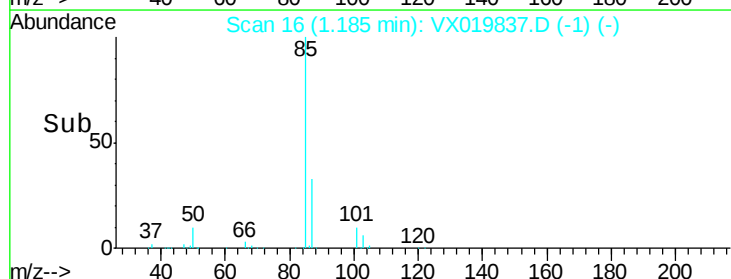
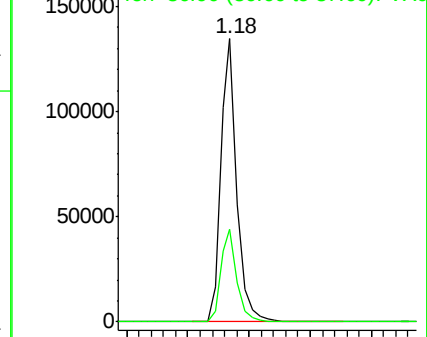
85 100

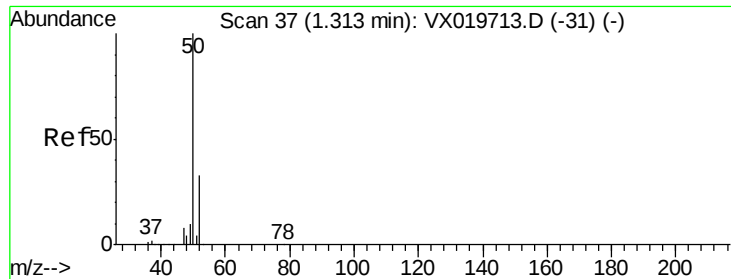
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.848 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 133086

Ion Ratio Lower Upper

50 100

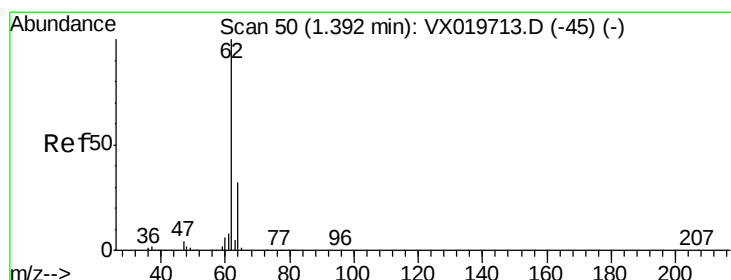
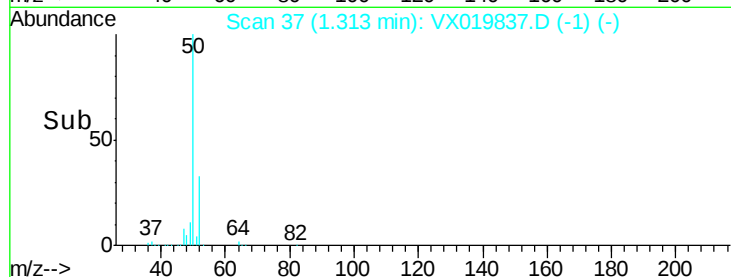
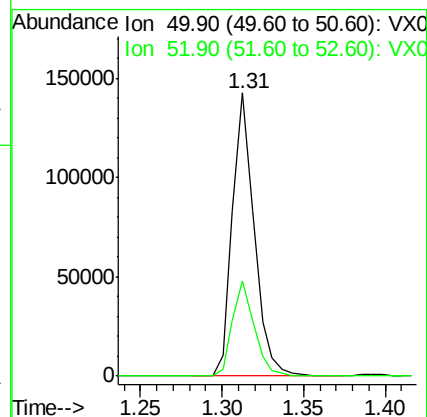
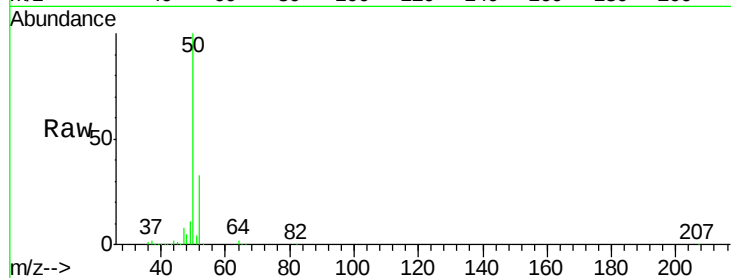
52 33.5 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.609 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019837.D

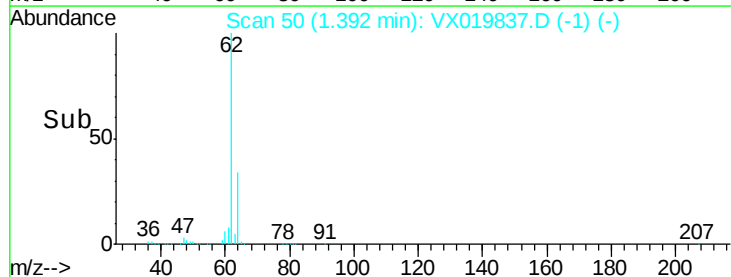
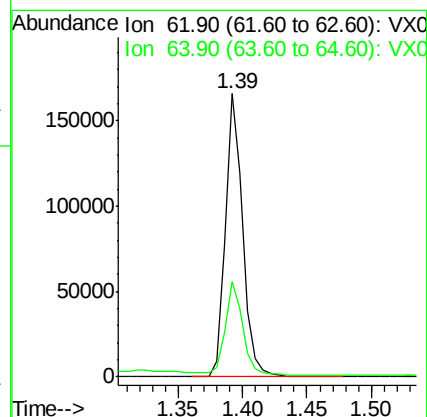
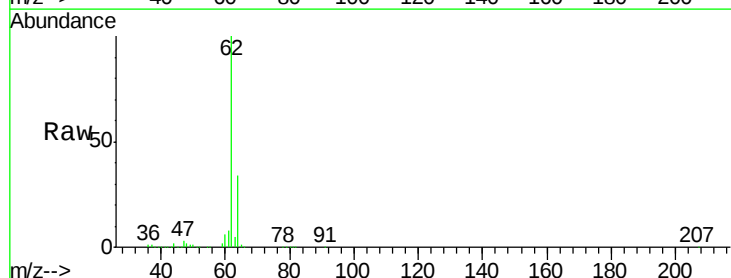
Acq: 10 Dec 2020 19:46

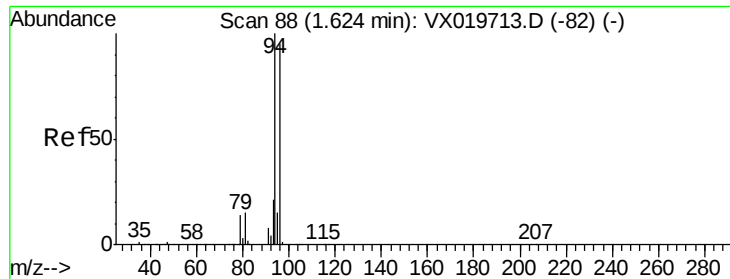
Tgt Ion: 62 Resp: 157585

Ion Ratio Lower Upper

62 100

64 33.0 25.7 38.5





#5

Bromomethane

Concen: 47.924 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 47665

Ion Ratio Lower Upper

94 100

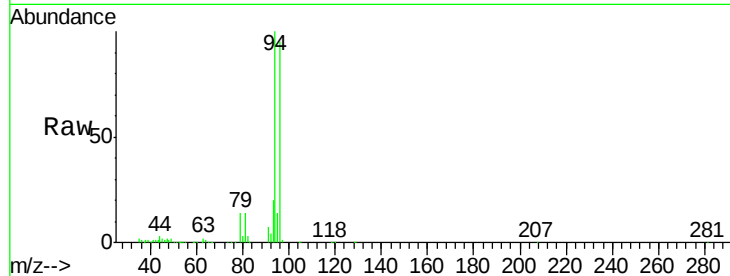
96 95.3 76.4 114.6

Manual Integrations

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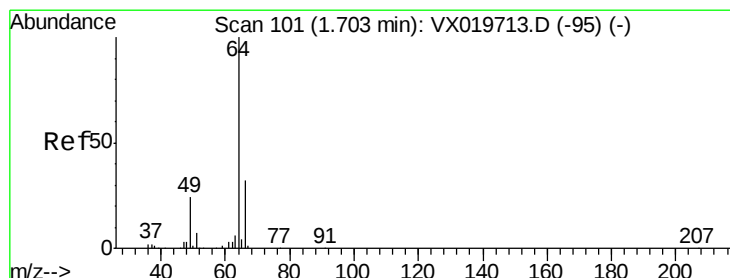
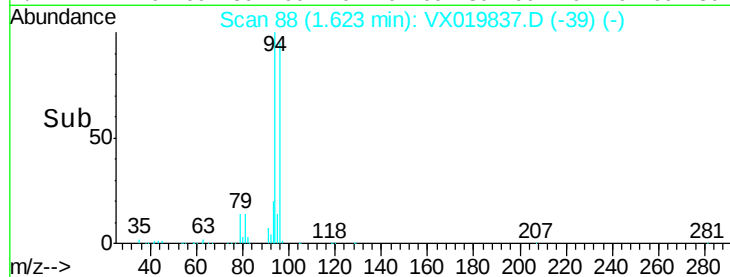
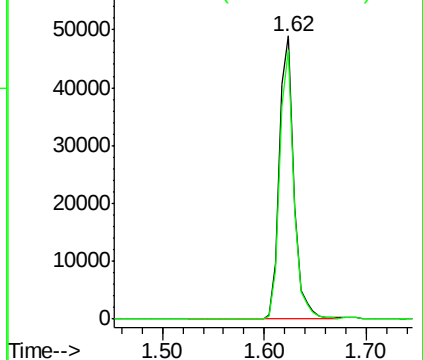
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.172 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019837.D

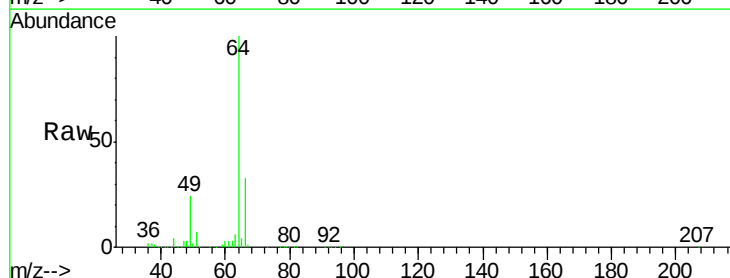
Acq: 10 Dec 2020 19:46

Tgt Ion: 64 Resp: 99275

Ion Ratio Lower Upper

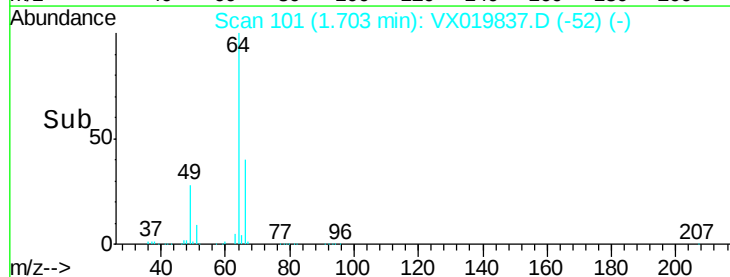
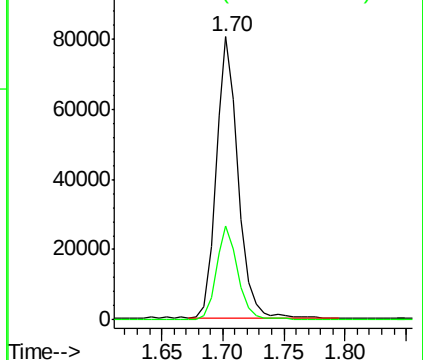
64 100

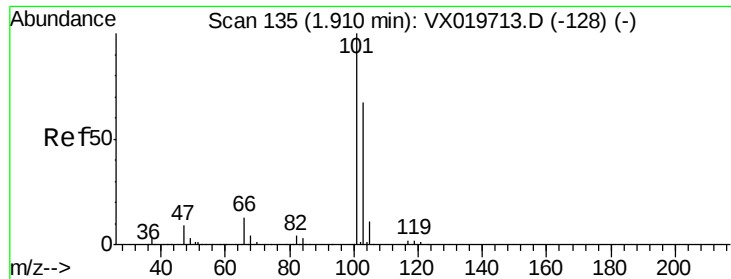
66 33.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

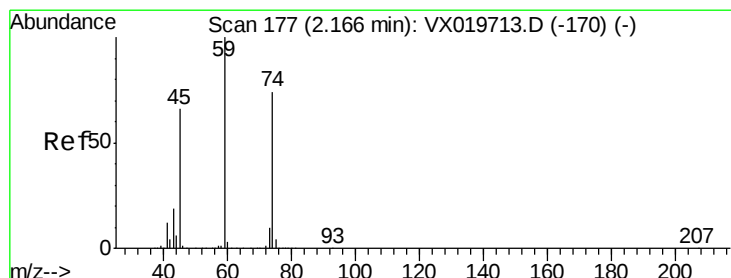
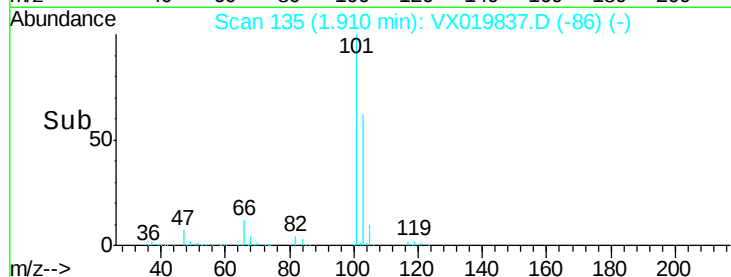
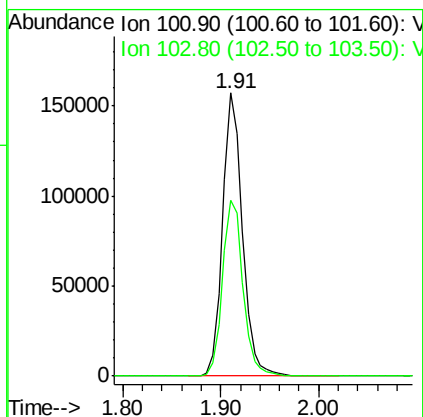
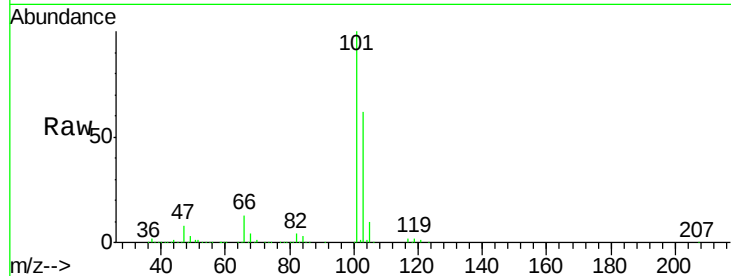
Trichlorofluoromethane
Concen: 52.956 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	53.2	79.8

Manual Integrations
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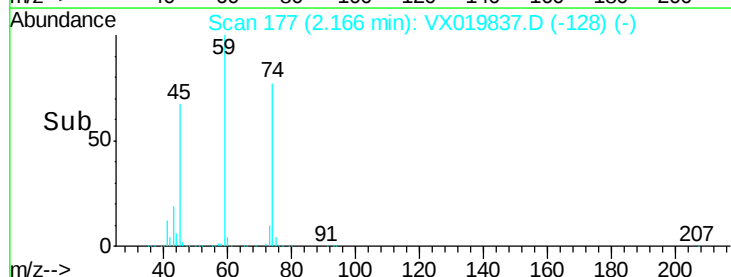
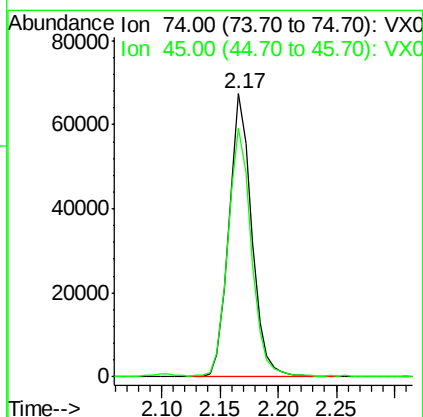
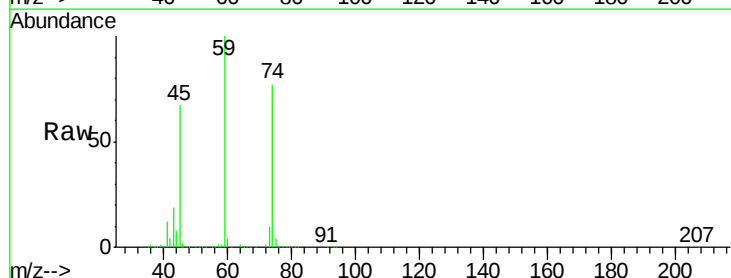
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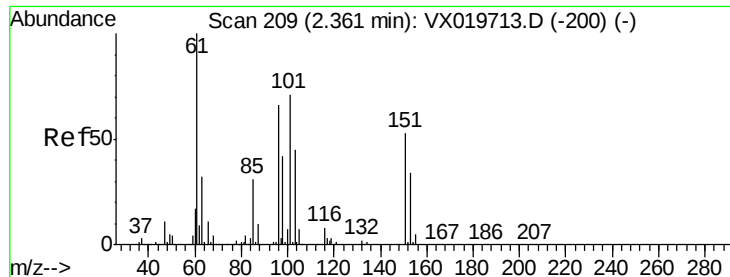


#8

Diethyl Ether
Concen: 52.109 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.4	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.173 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

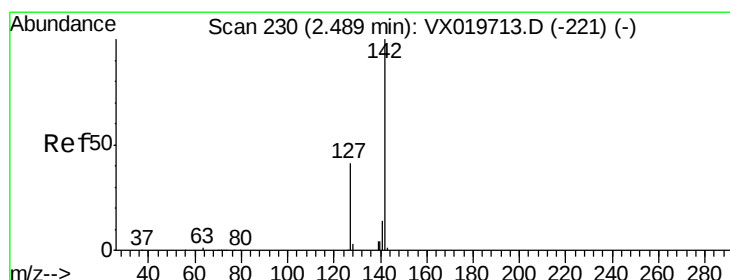
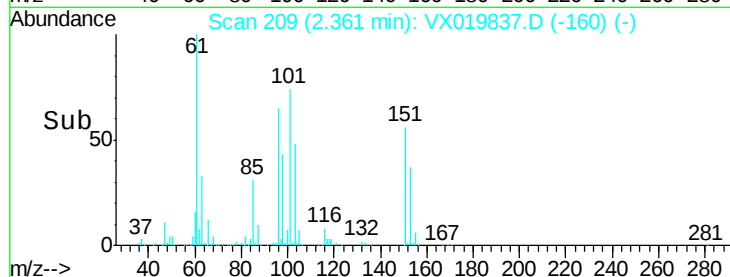
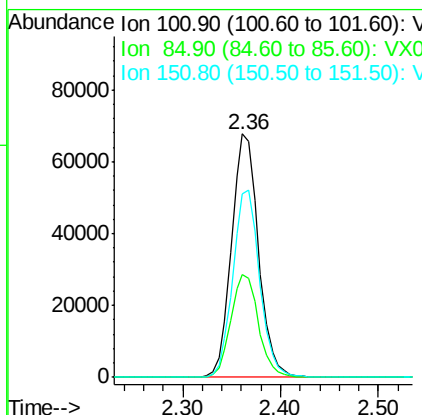
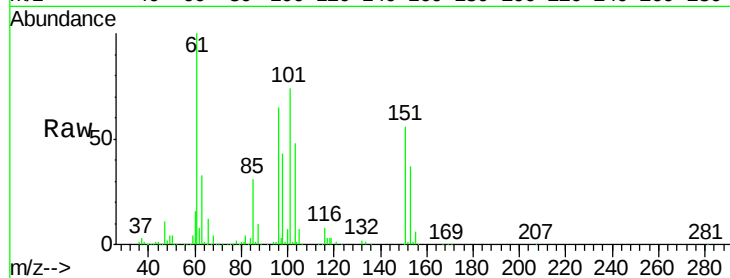
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	129531
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.9	52.3
151	76.9	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 48.742 ug/l

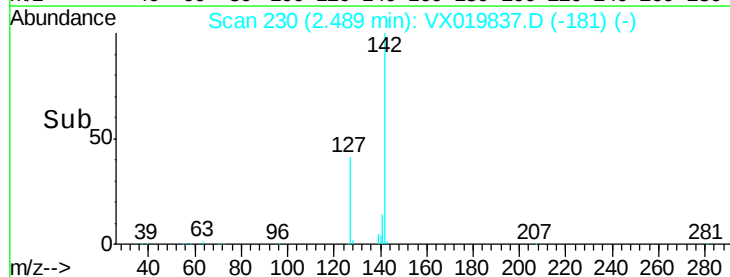
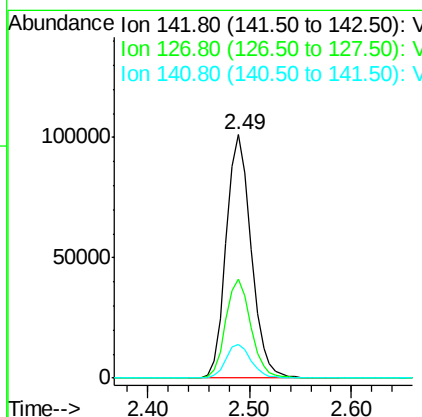
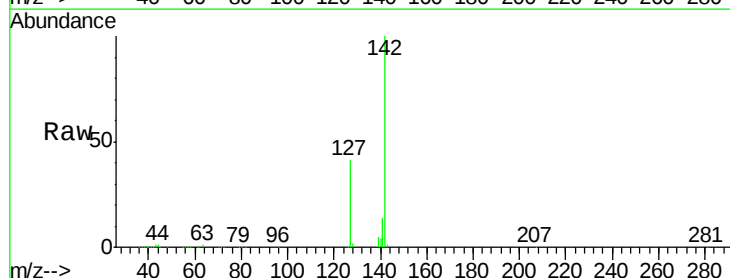
RT: 2.49 min Scan# 230

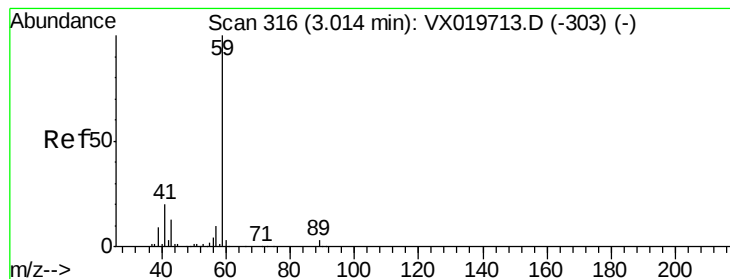
Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion:	142	Resp:	171787
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.3	49.9
141	14.1	11.4	17.0





#11

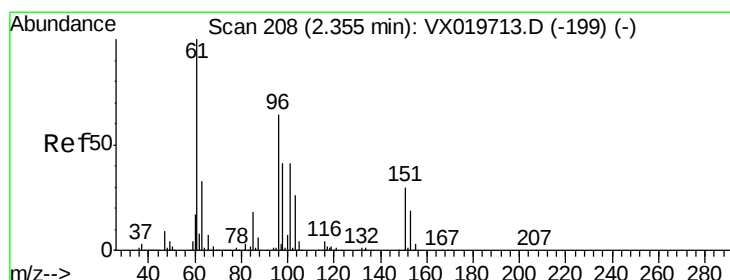
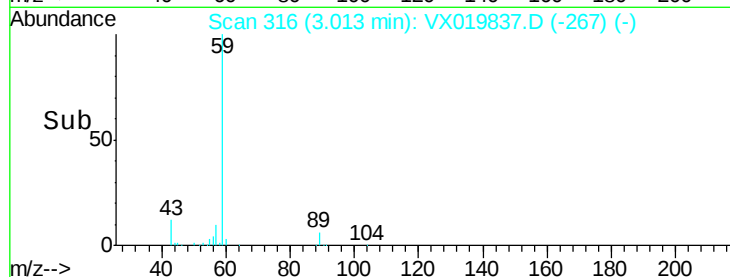
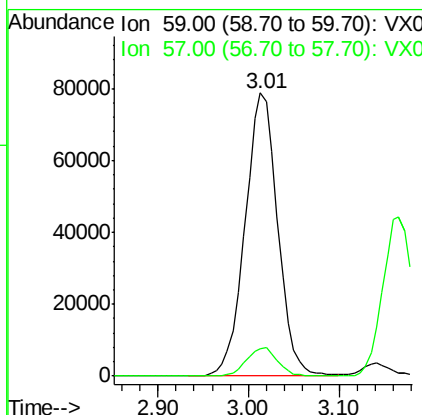
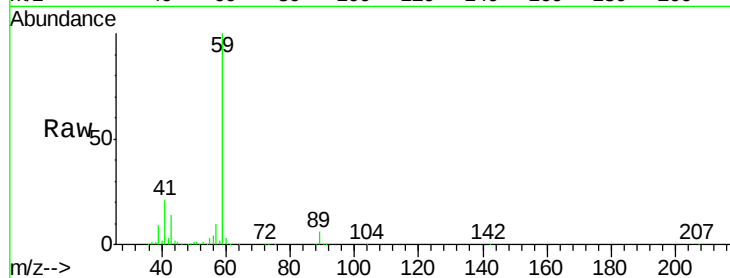
Tert butyl alcohol
Concen: 275.592 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	196276		
57	9.7		7.8	11.8

Manual Integrations
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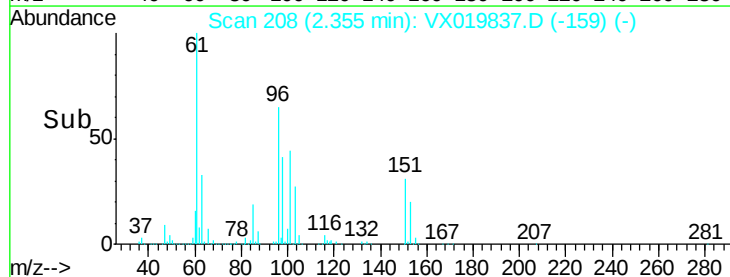
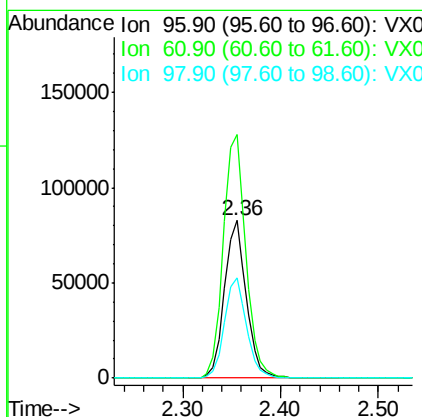
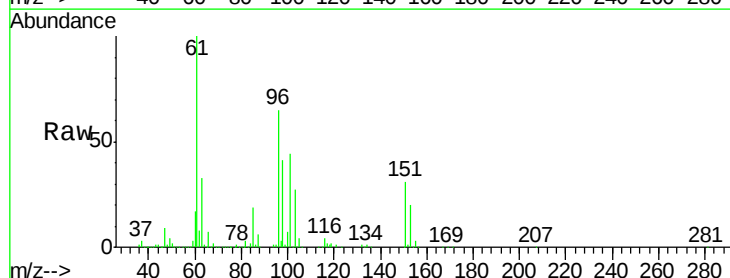
MMDadoda
12/11/2020 5:36:28 PM

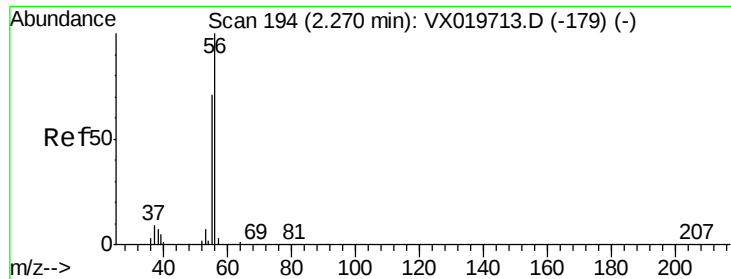


#12

1,1-Dichloroethene
Concen: 53.143 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	128465		
61	154.3		124.6	187.0
98	63.6		50.6	76.0





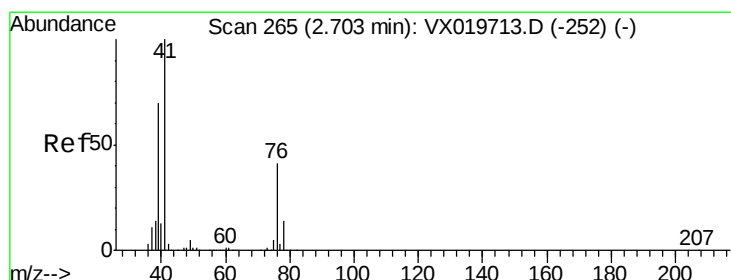
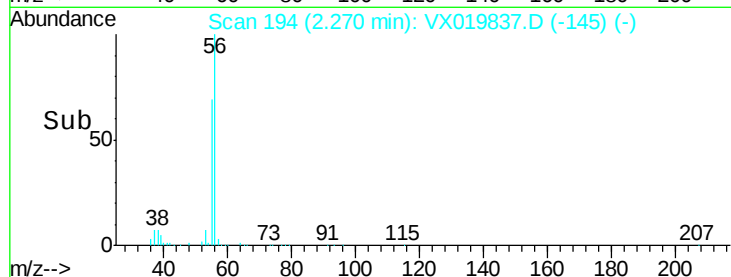
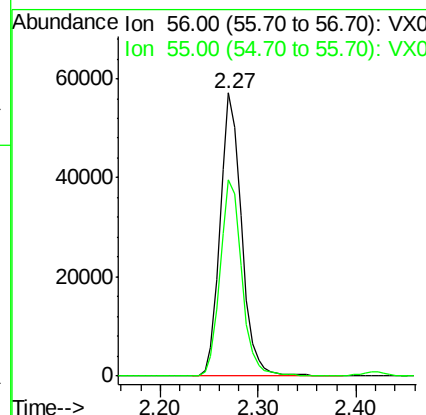
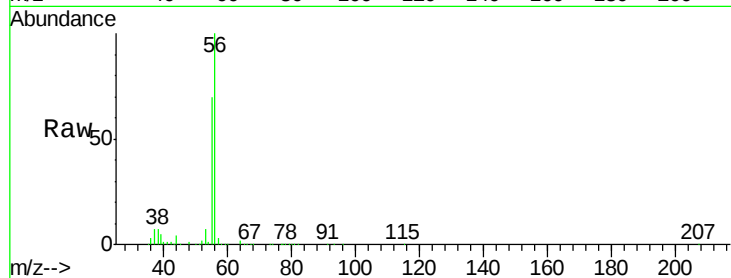
#13
Acrolein
Concen: 228.421 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	87430
Ion Ratio	100	Lower	Upper
55	70.0	56.4	84.6

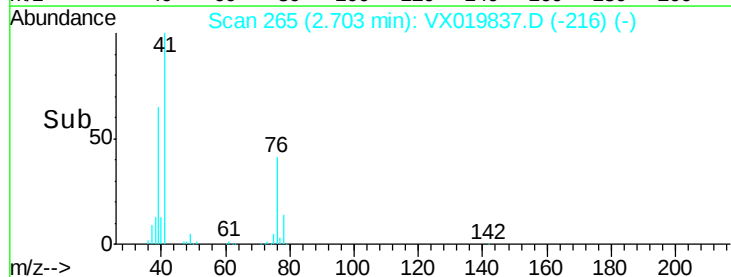
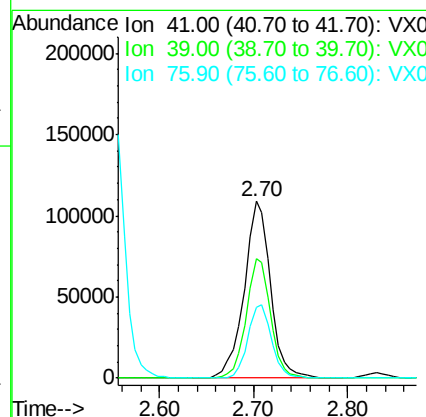
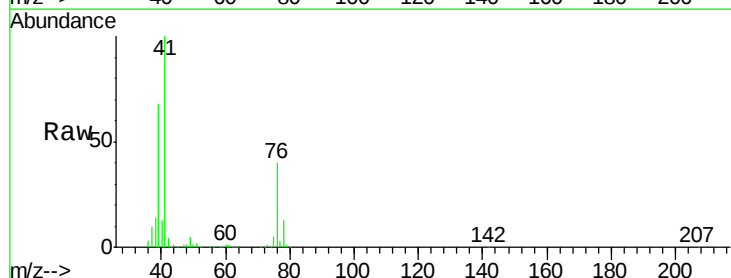
Manual Integrations
APPROVED

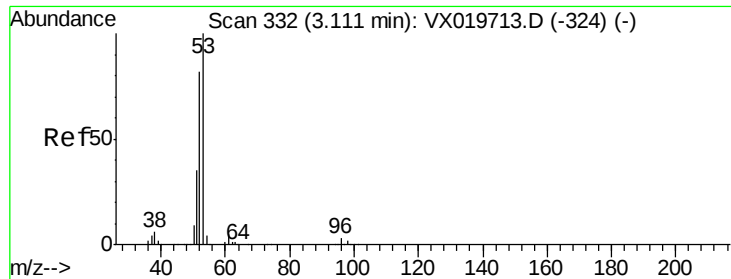
MMDadoda
12/11/2020 5:36:28 PM



#14
Allyl chloride
Concen: 52.218 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	41	Resp	213189
Ion Ratio	100	Lower	Upper
39	62.6	51.6	77.4
76	37.2	30.5	45.7





#15

Acrylonitrile

Concen: 275.543 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

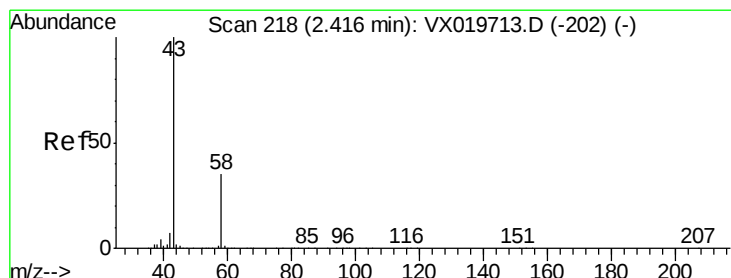
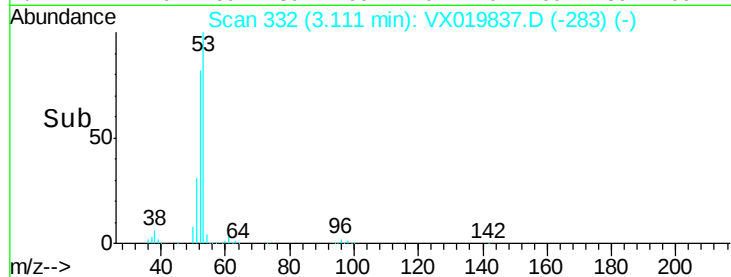
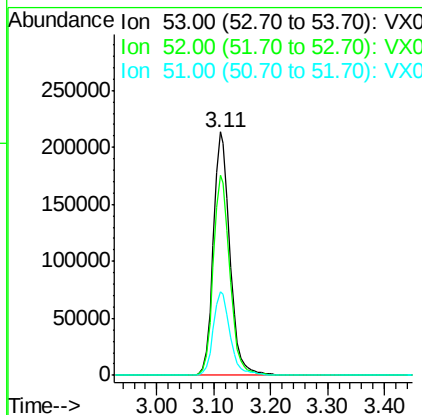
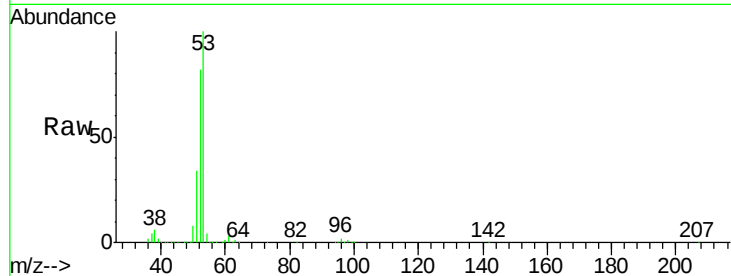
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	431946
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.3	97.9
51	35.0	28.2	42.2

Manual Integrations
APPROVED

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#16

Acetone

Concen: 258.437 ug/l

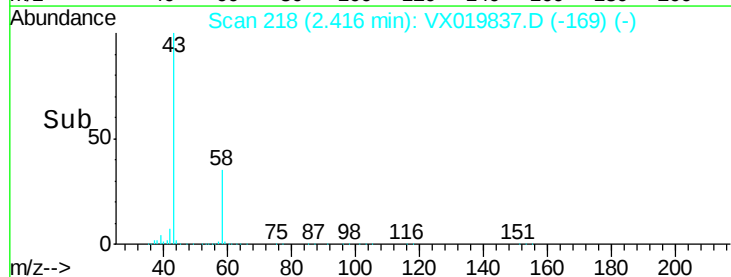
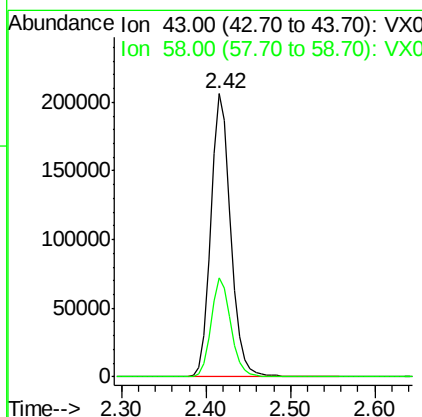
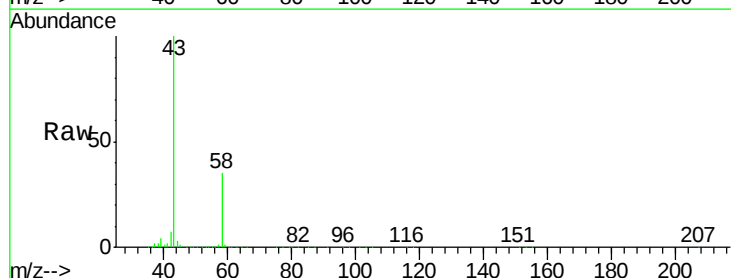
RT: 2.42 min Scan# 218

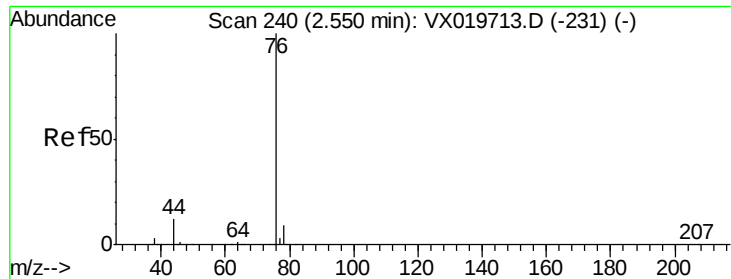
Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion:	43	Resp:	336844
Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.8	41.8





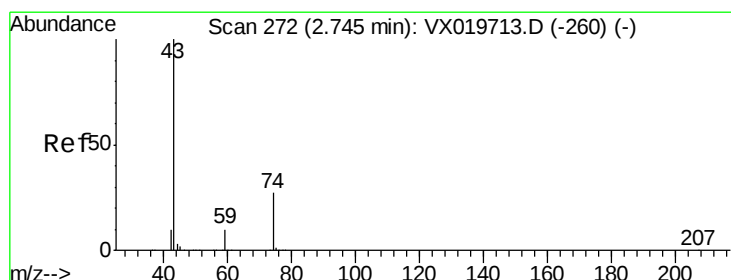
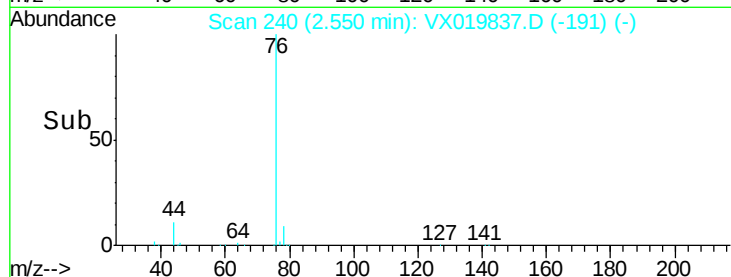
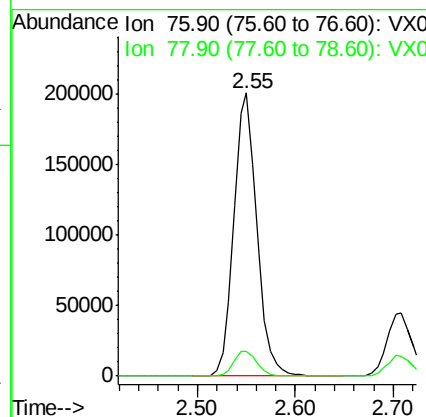
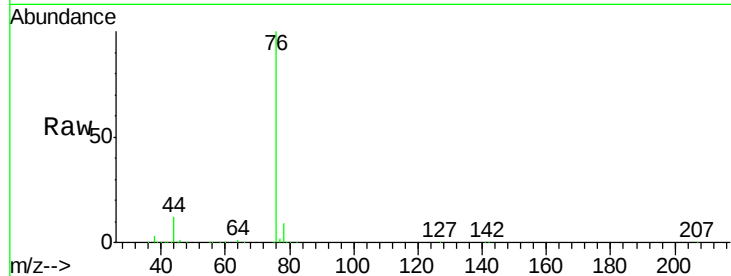
#17
Carbon Disulfide
Concen: 47.166 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

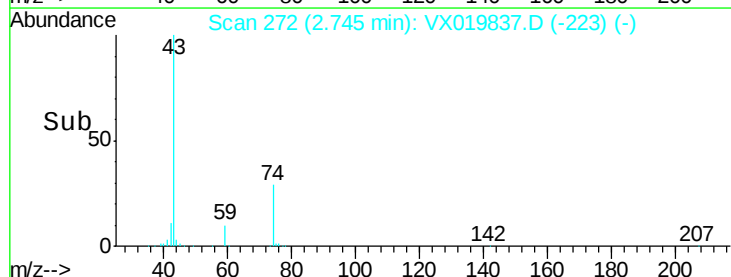
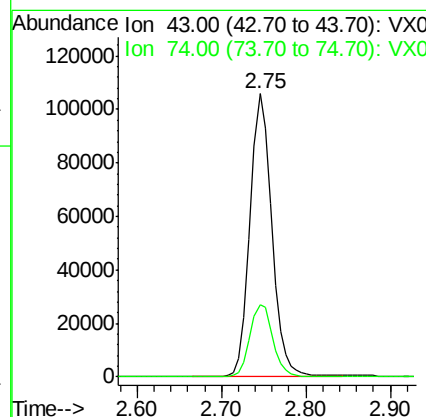
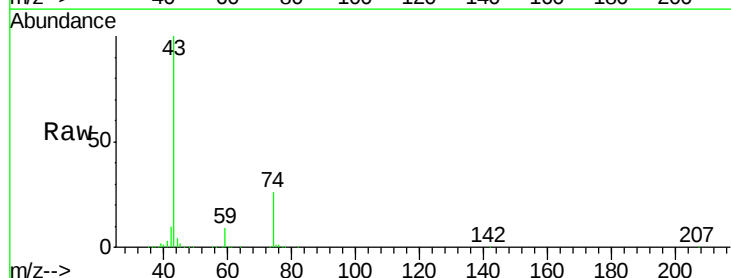
Manual Integrations
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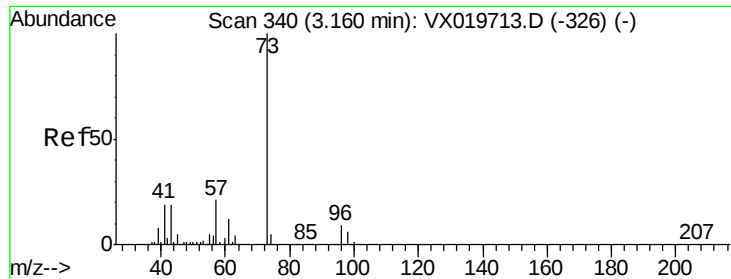
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#18
Methyl Acetate
Concen: 57.772 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	21.9	32.9





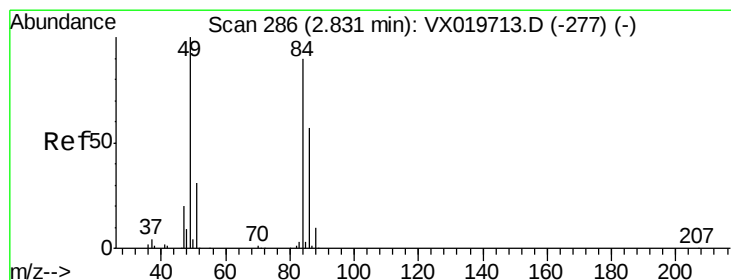
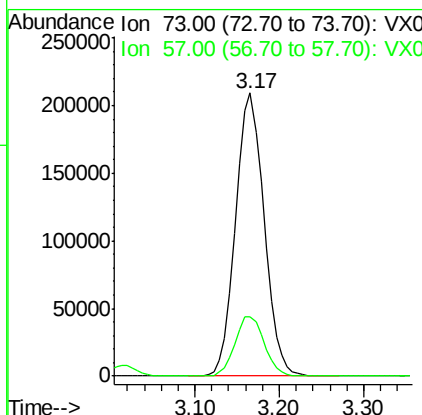
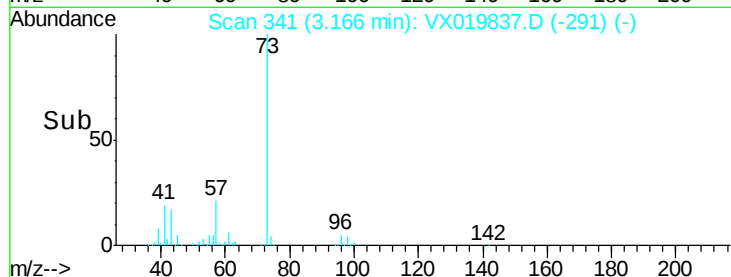
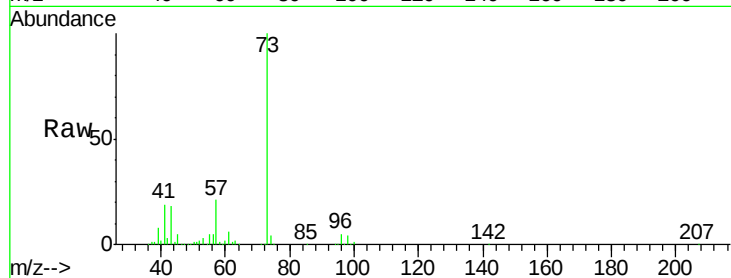
#19
Methvl tert-butvl Ether
Concen: 54.303 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 478058
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7

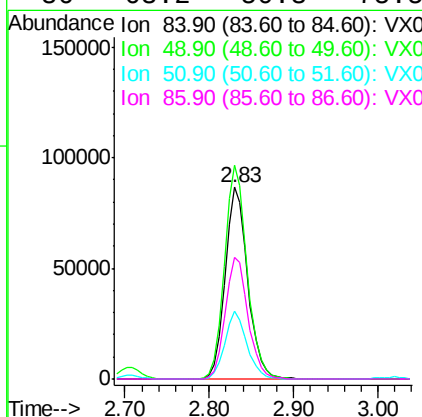
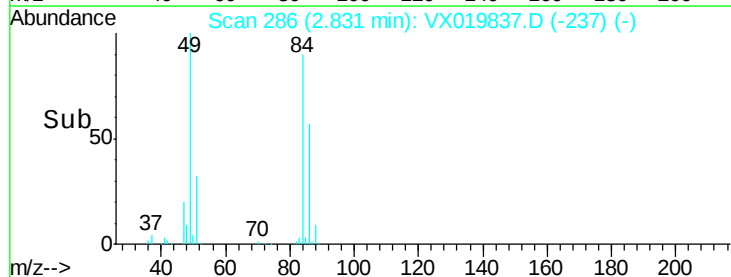
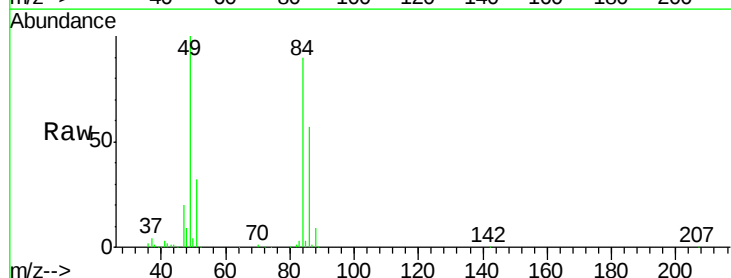
Manual Integrations
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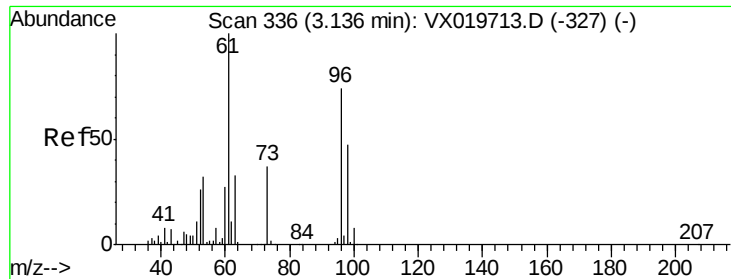
MMDadoda
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#20
Methylene Chloride
Concen: 53.422 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 84 Resp: 158674
Ion Ratio Lower Upper
84 100
49 111.4 88.6 132.8
51 35.4 27.0 40.6
86 63.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 52.376 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

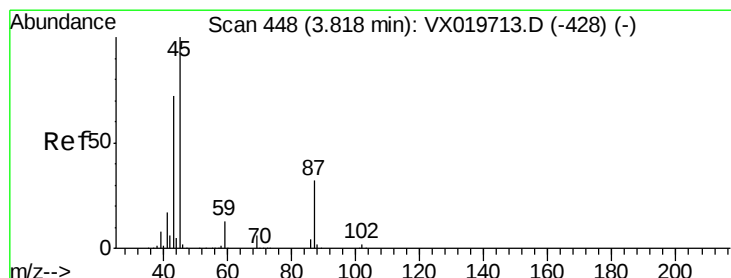
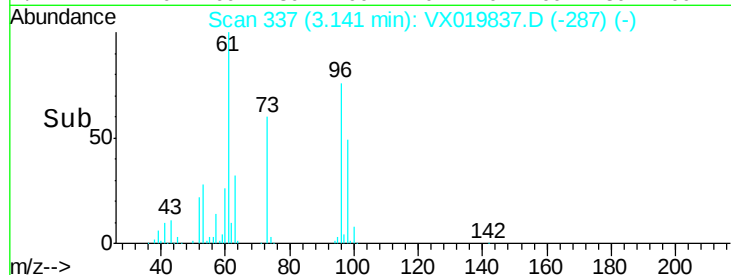
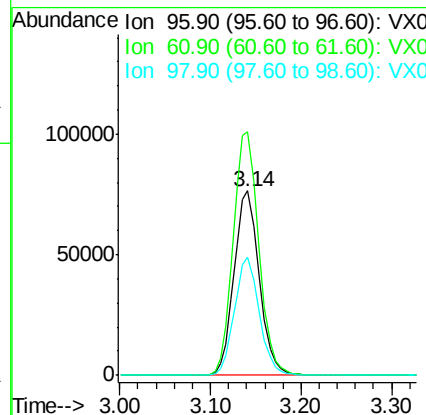
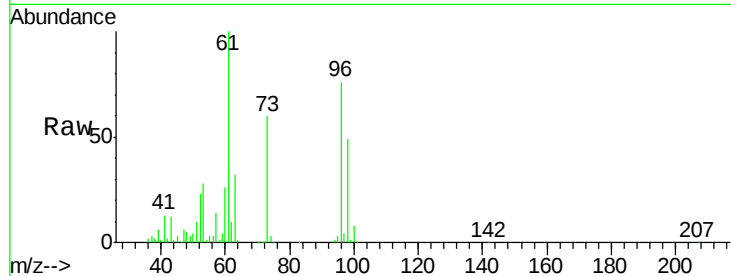
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	147610
Ion	Ratio	Lower	Upper
96	100		
61	132.0	107.7	161.5
98	64.3	50.4	75.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.098 ug/l

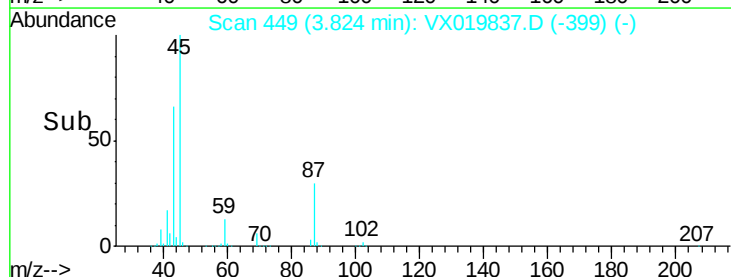
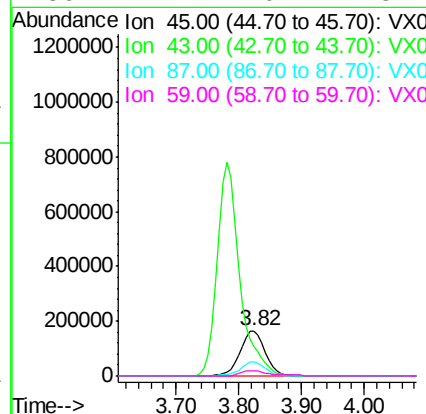
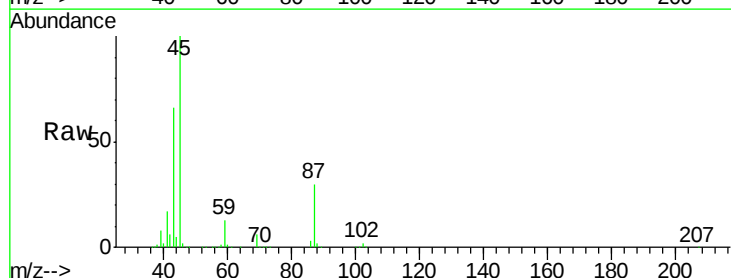
RT: 3.82 min Scan# 449

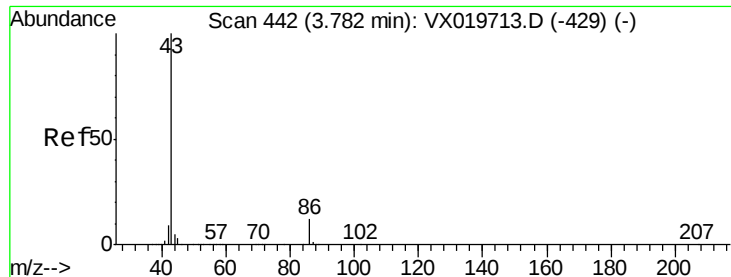
Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion:	45	Resp:	454807
Ion	Ratio	Lower	Upper
45	100		
43	65.6	58.0	87.0
87	30.0	25.4	38.0
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 277.646 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1952549

Ion Ratio Lower Upper

43 100

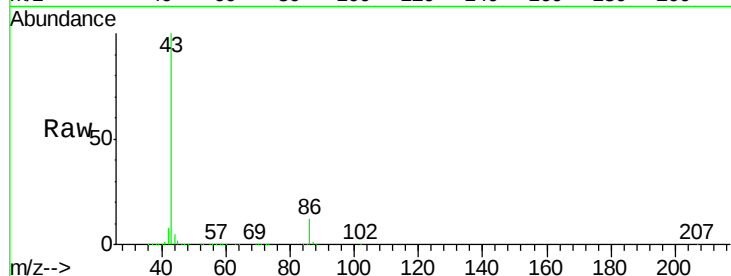
86 12.1 9.9 14.9

Manual Integrations

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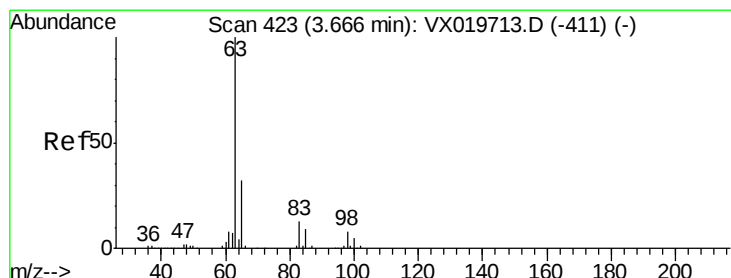
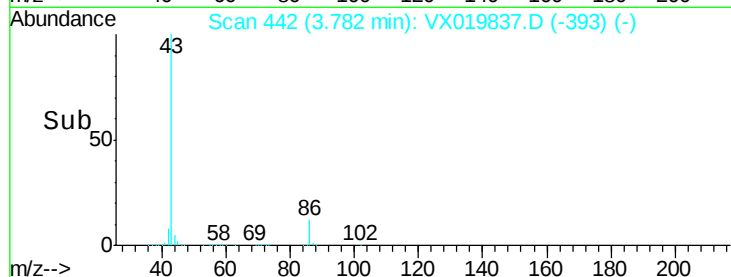
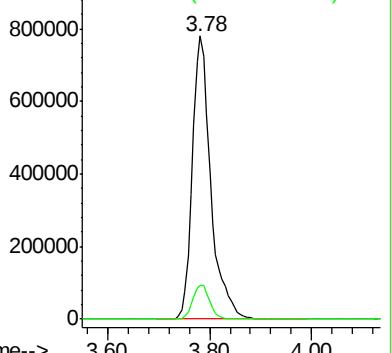
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.946 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

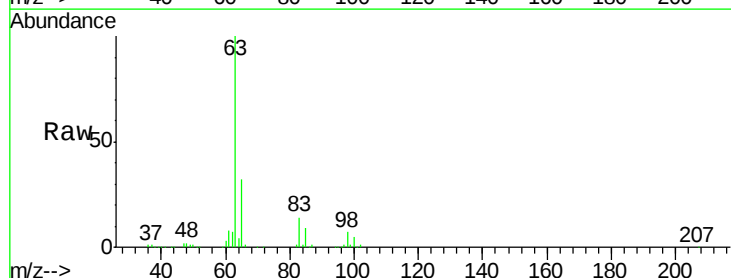
Tgt Ion: 63 Resp: 268530

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

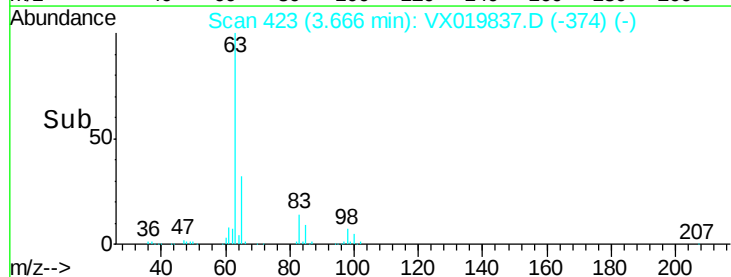
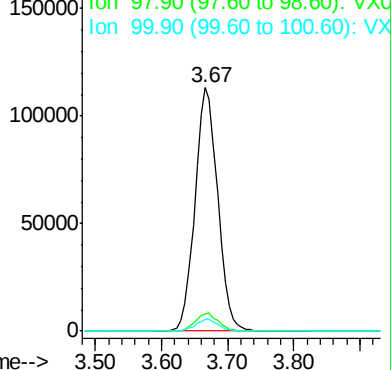
100 4.9 2.5 7.5

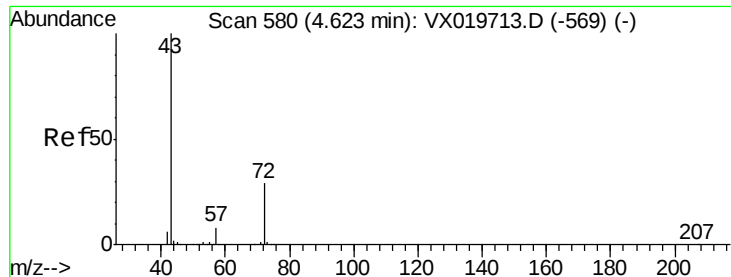


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 274.109 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 548984

Ion Ratio Lower Upper

43 100

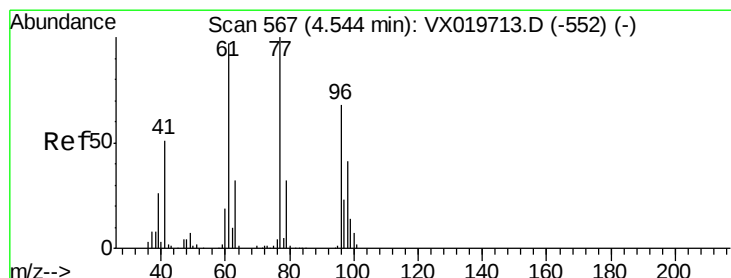
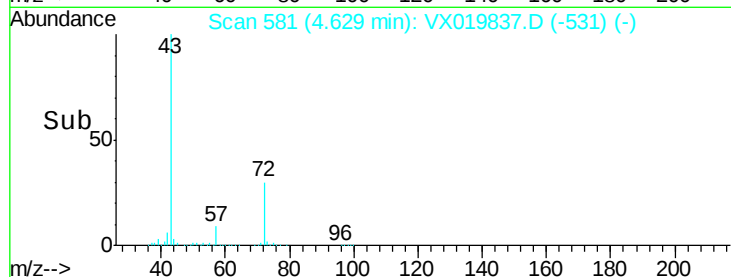
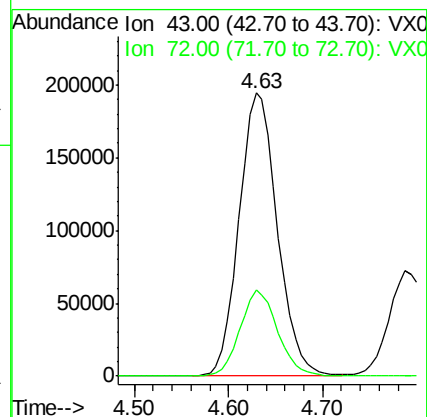
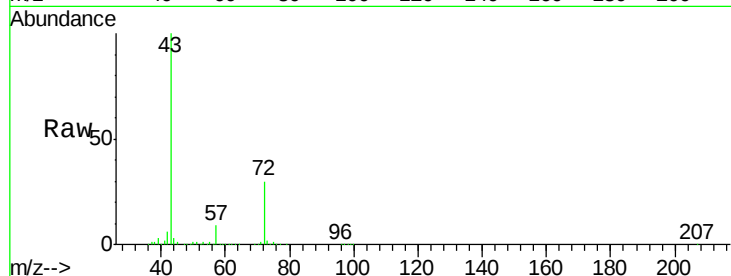
72 30.3 23.7 35.5

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#26

2,2-Dichloropropane

Concen: 47.796 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019837.D

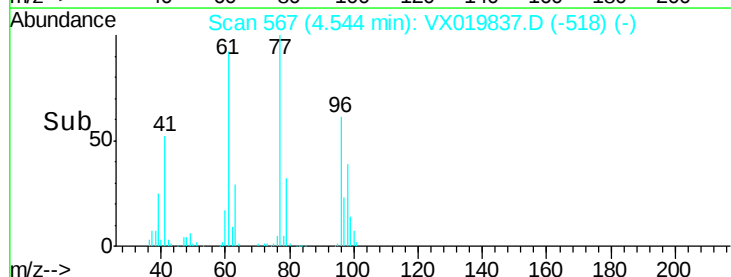
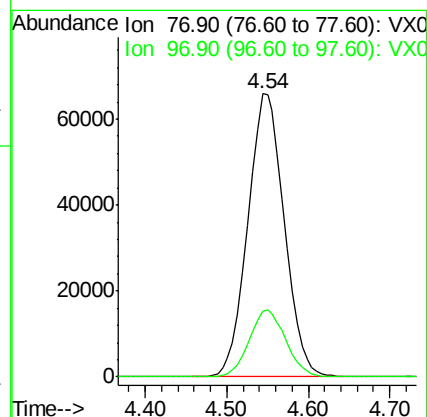
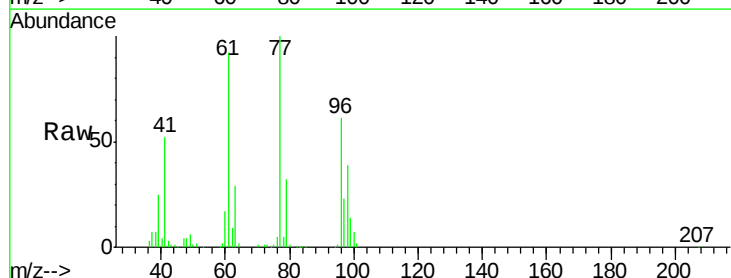
Acq: 10 Dec 2020 19:46

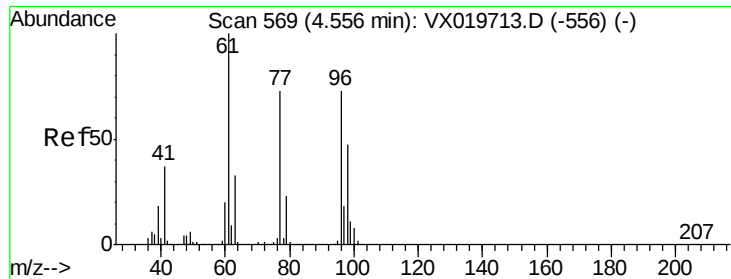
Tgt Ion: 77 Resp: 204885

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

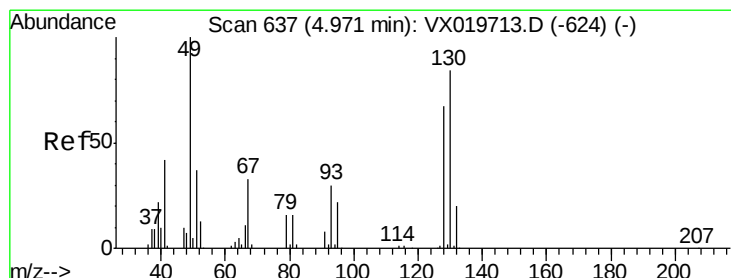
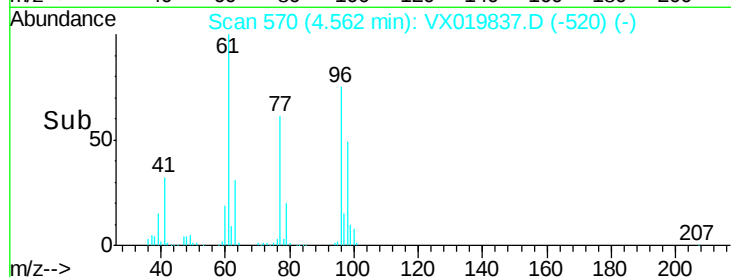
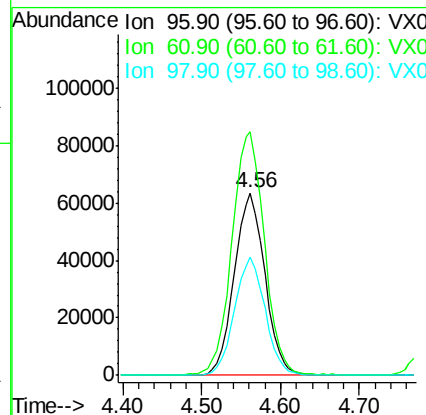
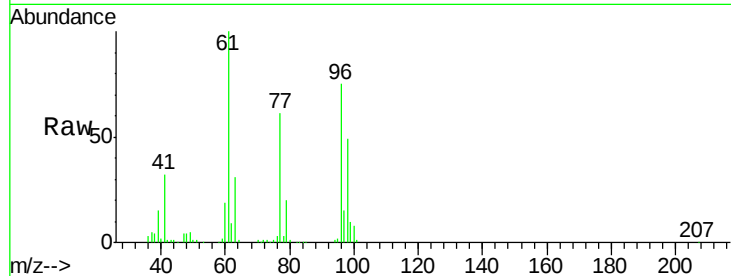
cis-1,2-Dichloroethene
Concen: 52.109 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.6	0.0	285.6	
98	64.7	0.0	129.6	

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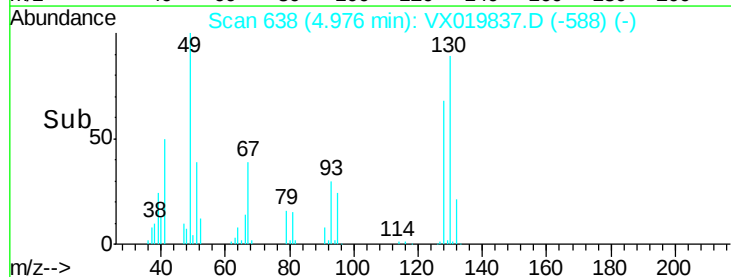
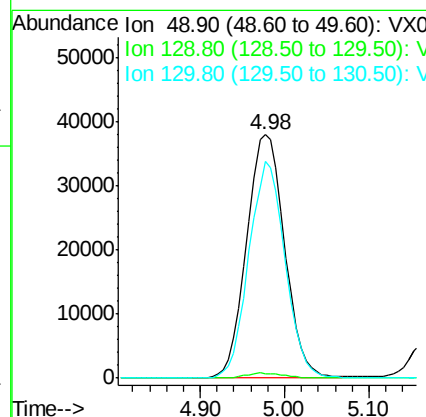
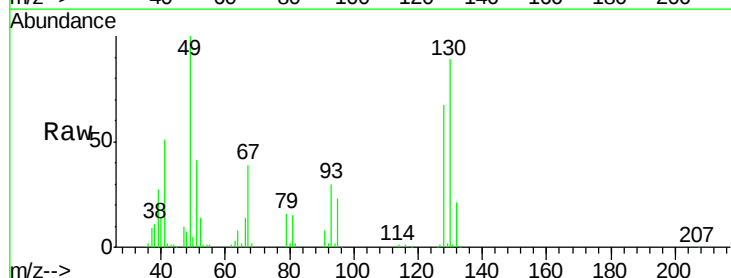
MMDadoda
12/11/2020 5:36:28 PM

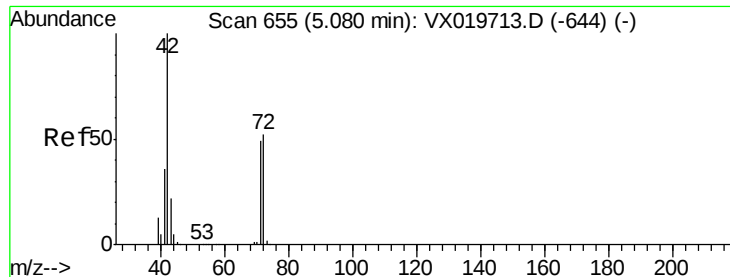


#28

Bromochloromethane
Concen: 49.089 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	84.8	68.2	102.2	





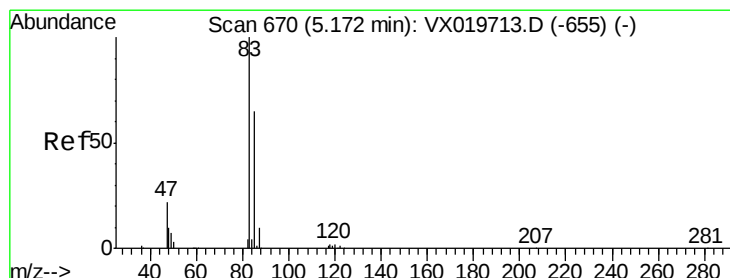
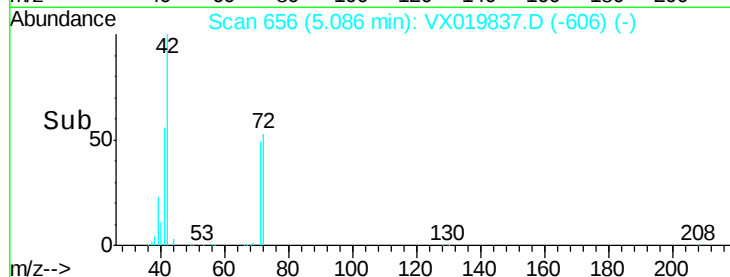
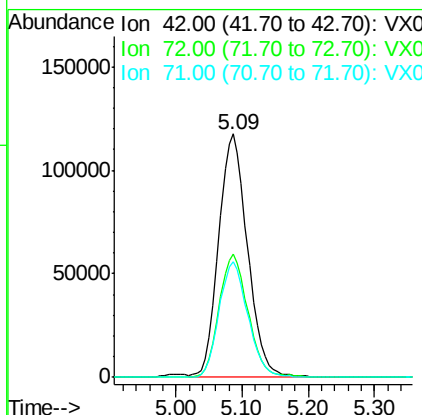
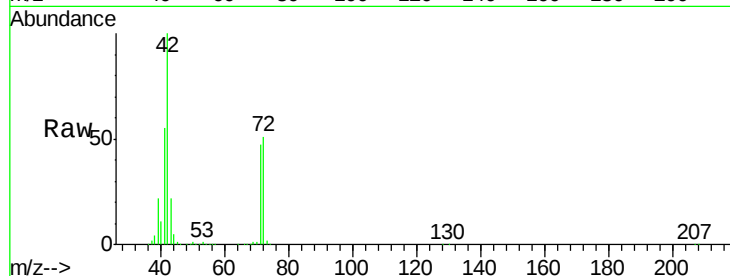
#29
Tetrahydrofuran
Concen: 273.820 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.7	62.5
71	47.7	38.4	57.6

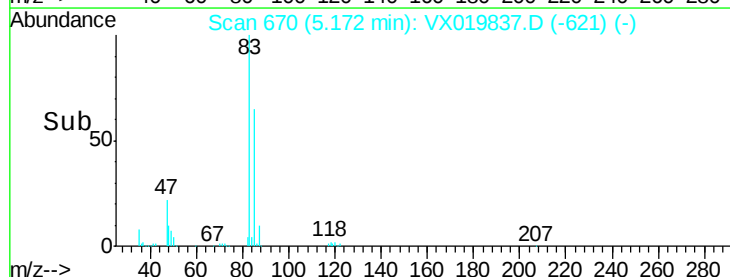
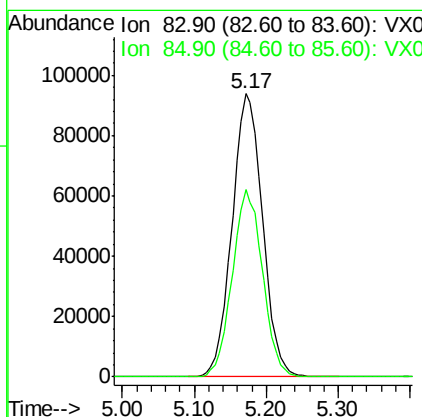
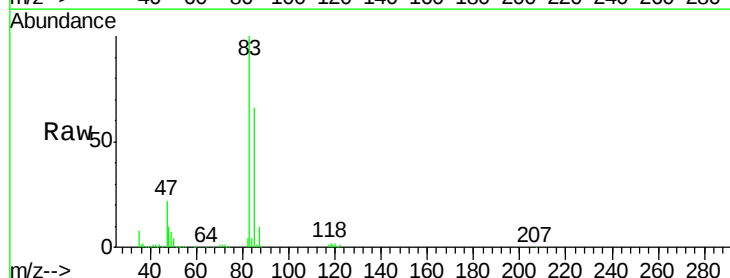
Manual Integrations
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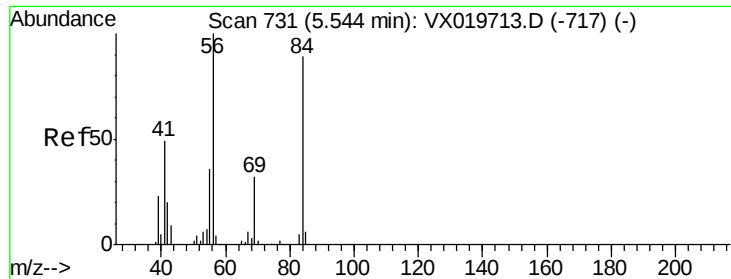
MMDadoda
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#30
Chloroform
Concen: 54.023 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.0	78.0





#31

Cyclohexane

Concen: 52.571 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

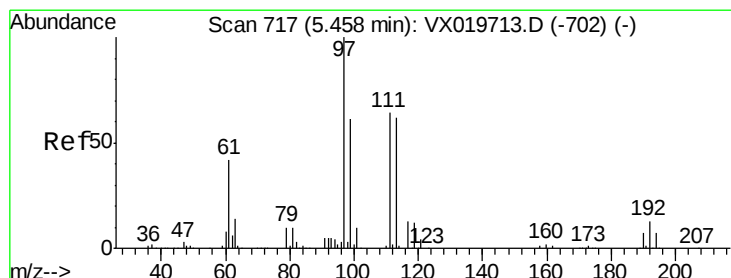
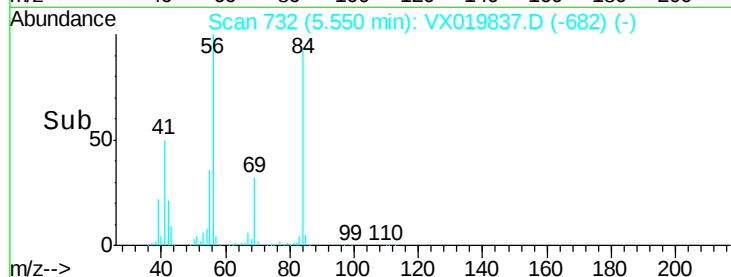
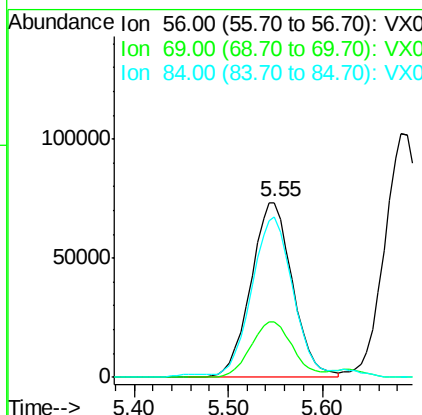
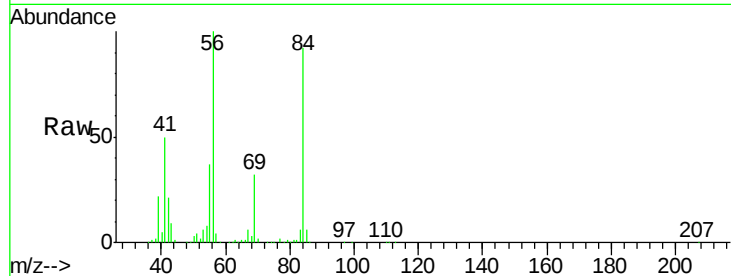
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	226763
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.3	37.9
84	90.1	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.880 ug/l

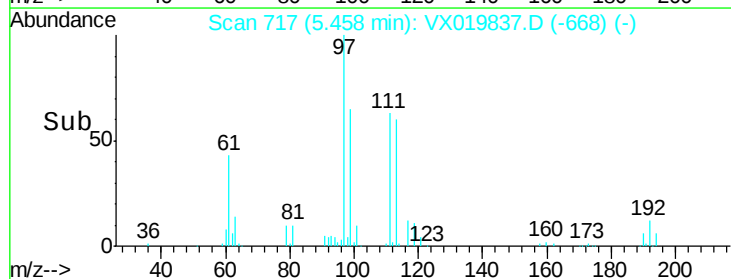
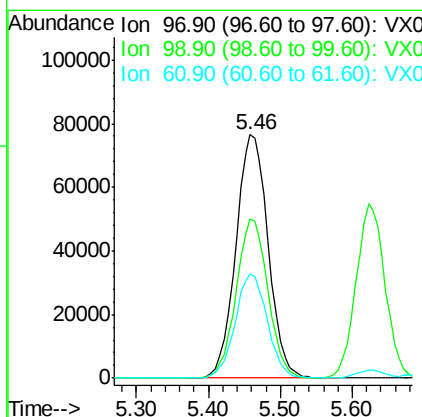
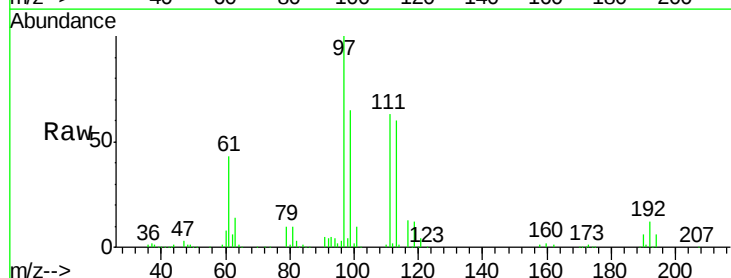
RT: 5.46 min Scan# 717

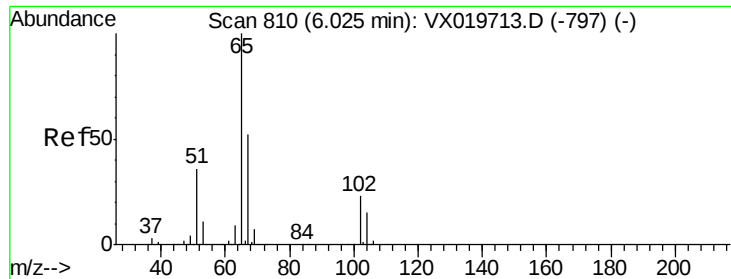
Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion:	97	Resp:	237486
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	42.8	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 48.152 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 166974

Ion Ratio Lower Upper

65 100

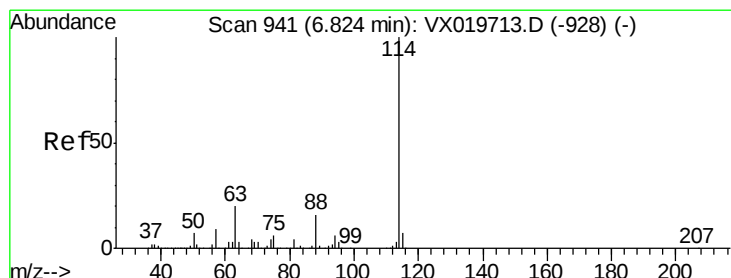
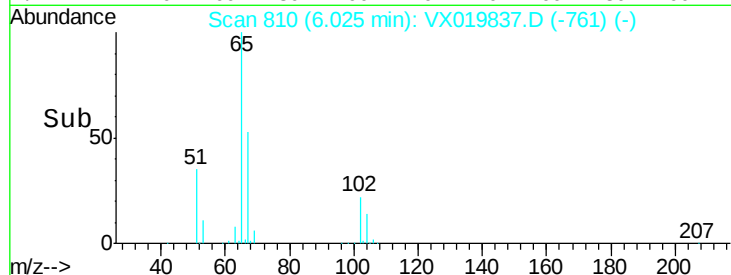
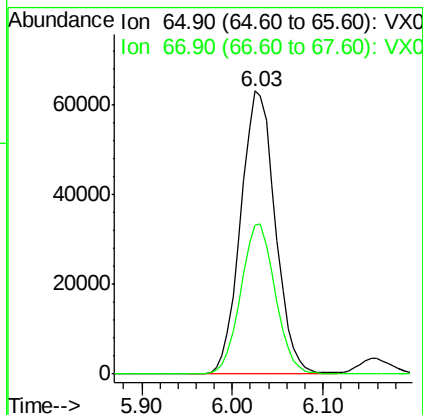
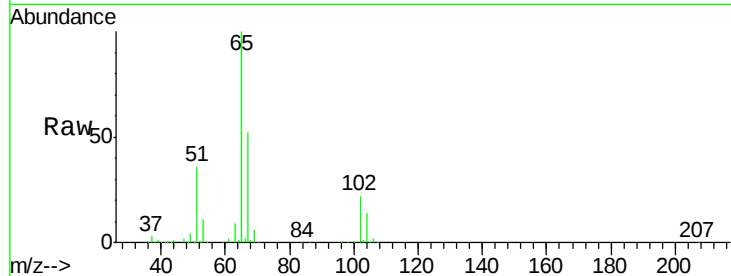
67 52.8 0.0 105.4

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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: VX019837.D

Acq: 10 Dec 2020 19:46

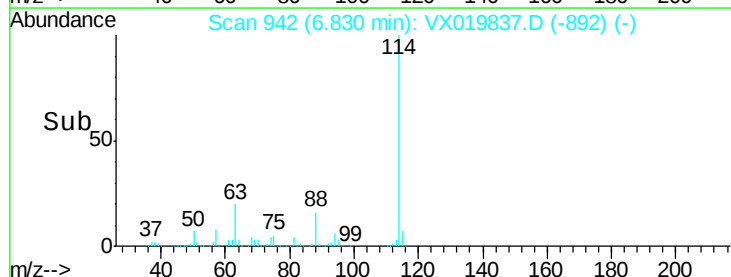
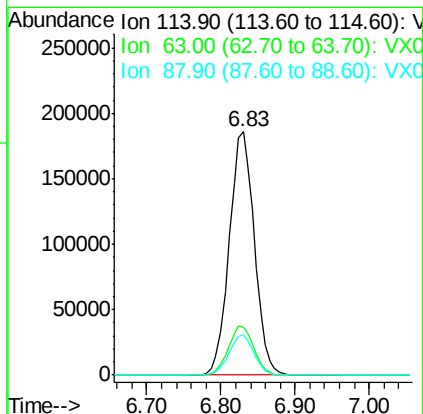
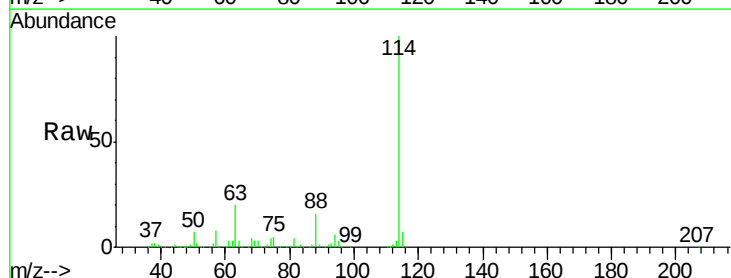
Tgt Ion: 114 Resp: 438974

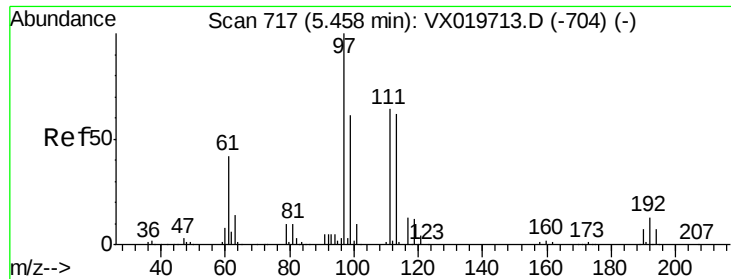
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 16.5 0.0 32.8





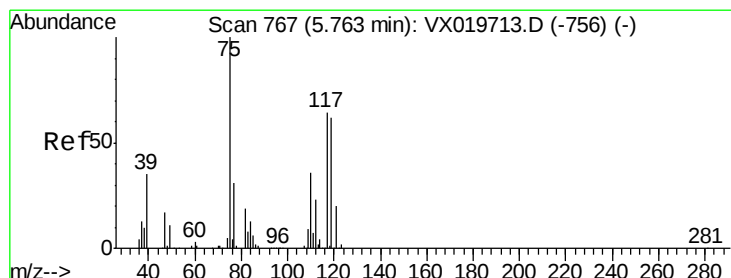
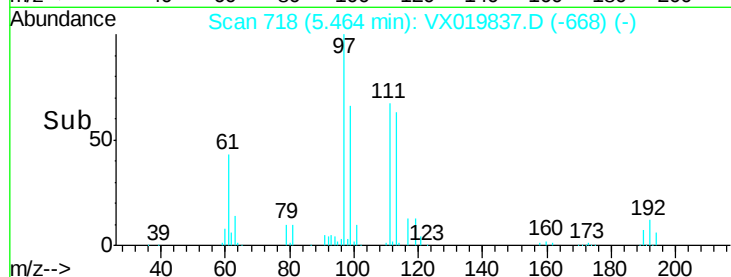
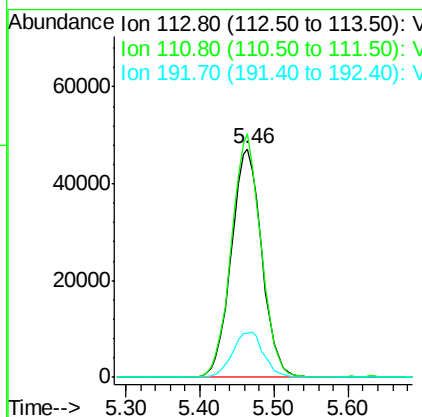
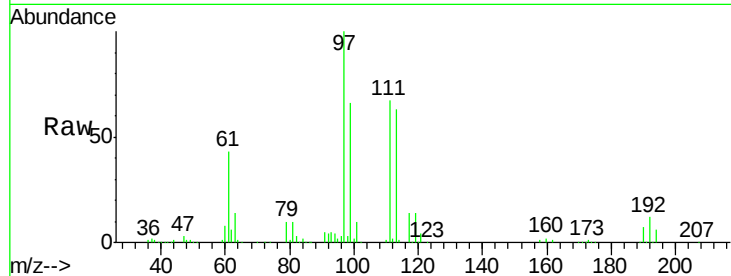
#35
 Dibromofluoromethane
 Concen: 47.745 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135455		
111	103.6	81.9	122.9	
192	20.2	16.7	25.1	

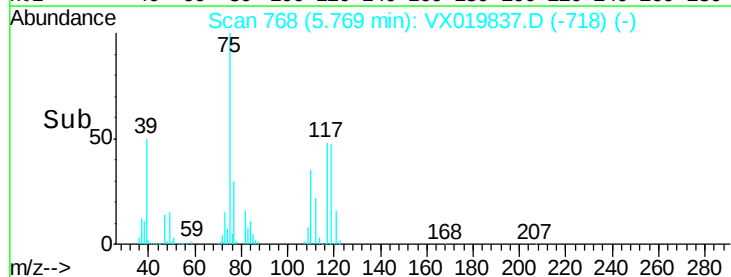
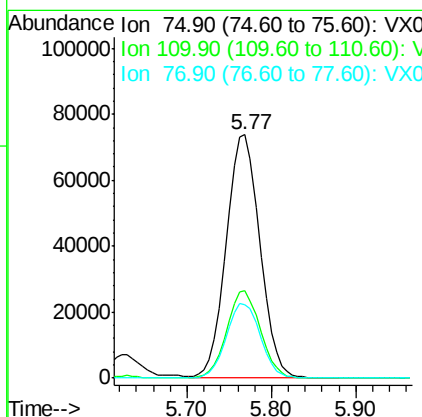
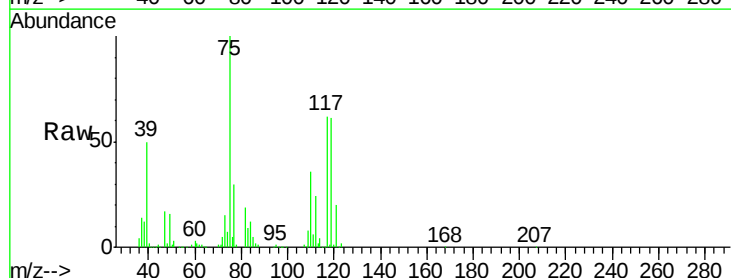
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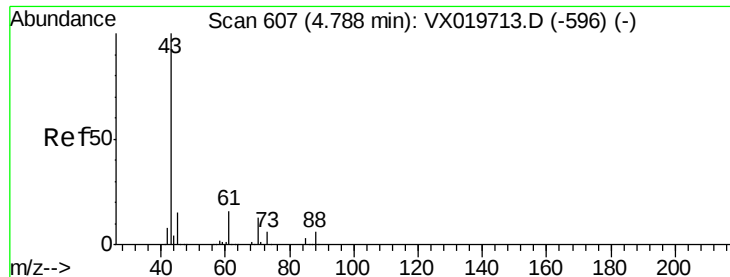
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#36
 1,1-Dichloropropene
 Concen: 50.501 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200323		
110	35.9	18.1	54.4	
77	31.2	25.3	37.9	





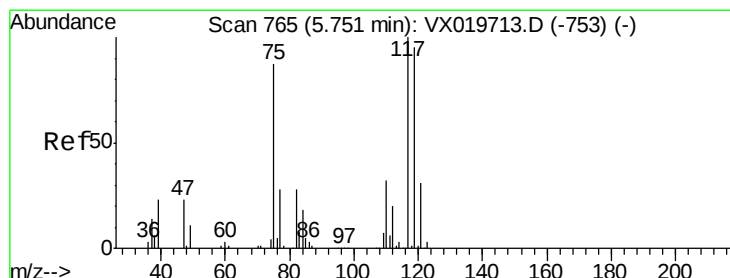
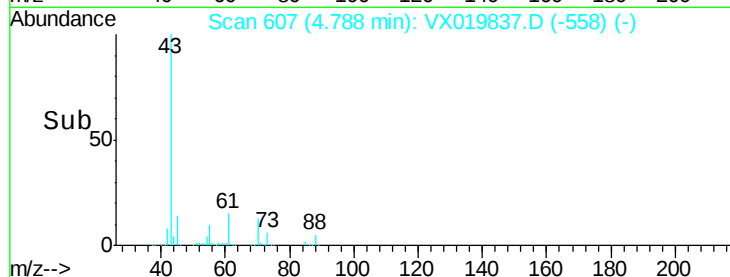
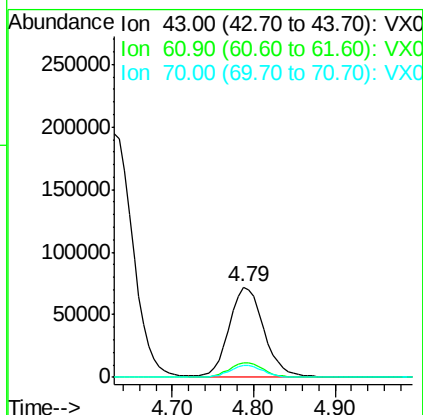
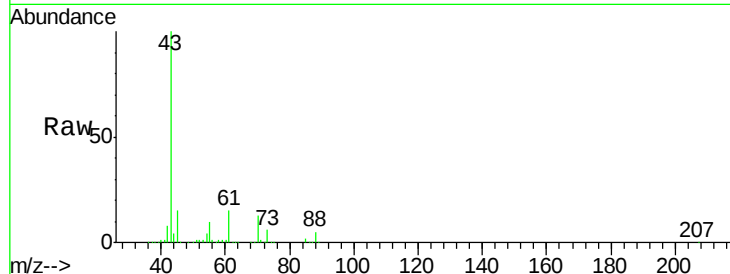
#37
Ethyl Acetate
Concen: 52.490 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.8	19.2
70	13.0	10.5	15.7

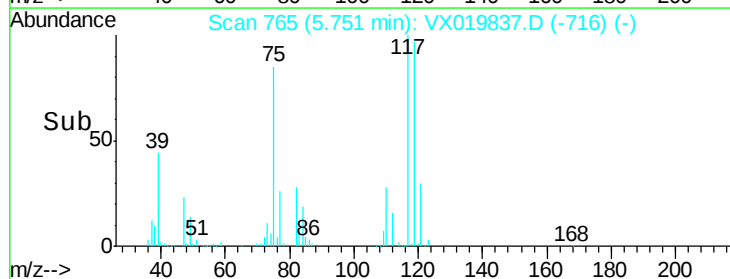
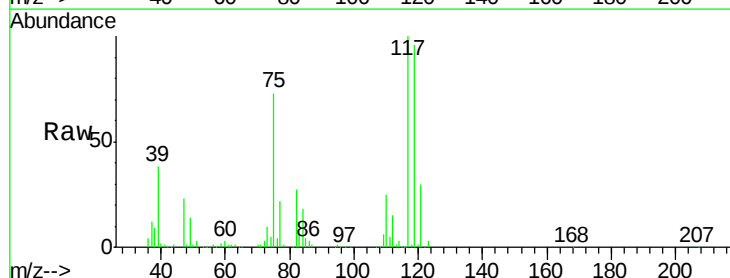
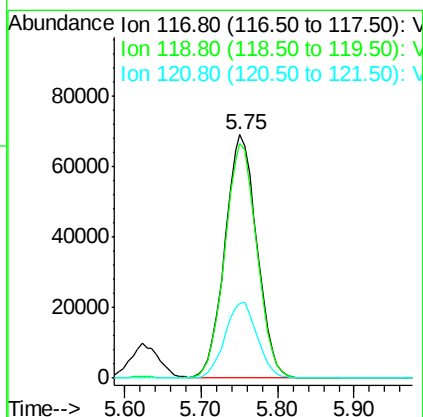
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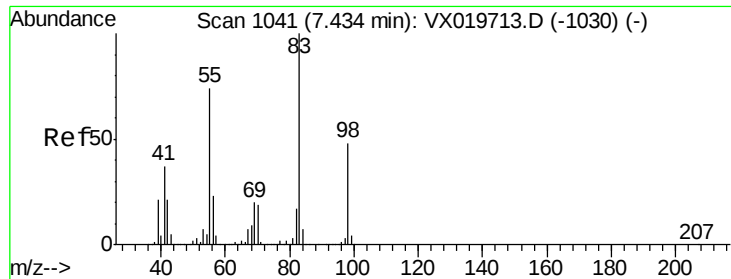
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.618 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.2
121	30.5	24.8	37.2





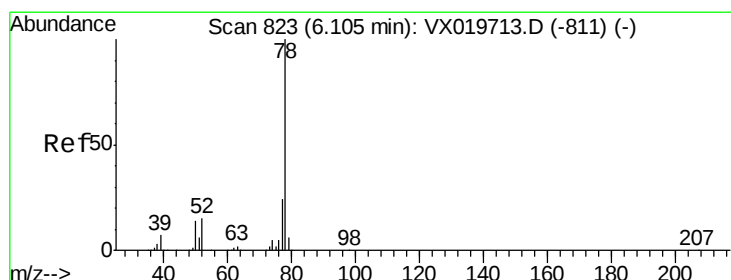
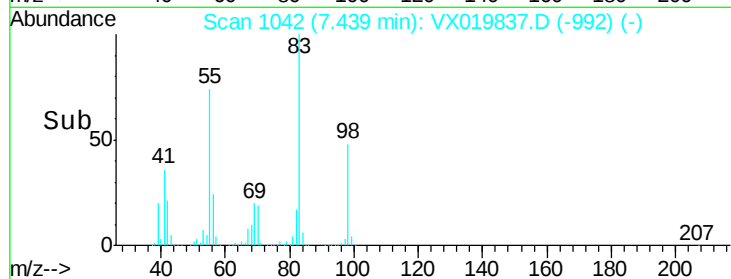
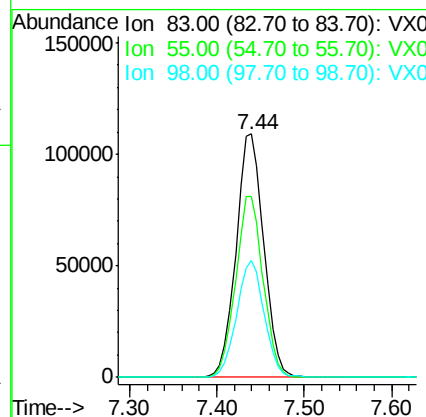
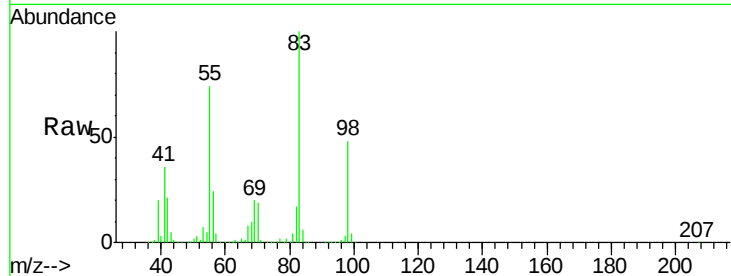
#39
Methylvlcyclohexane
Concen: 51.555 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	240270		
55	74.3		58.9	88.3
98	48.1		38.1	57.1

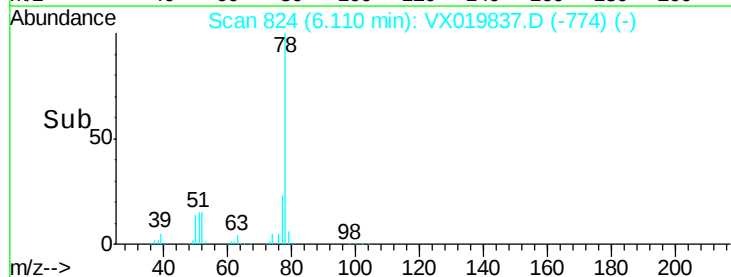
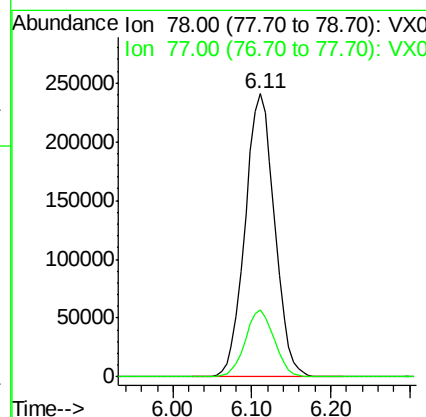
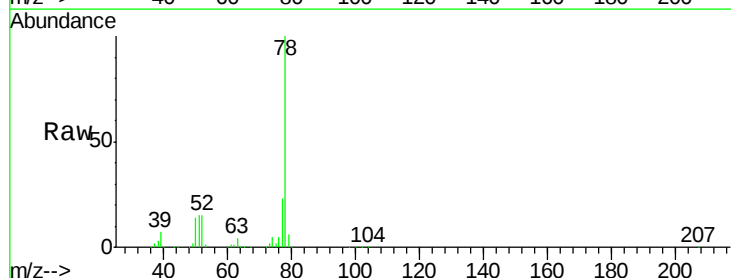
Manual Integrations
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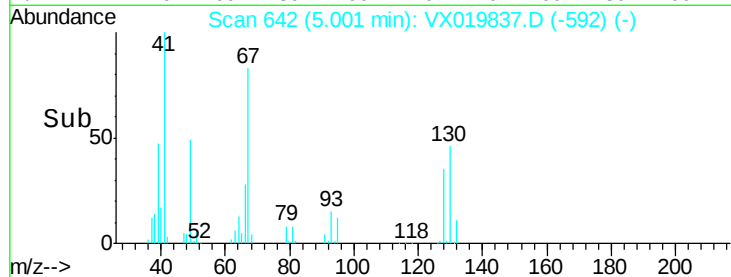
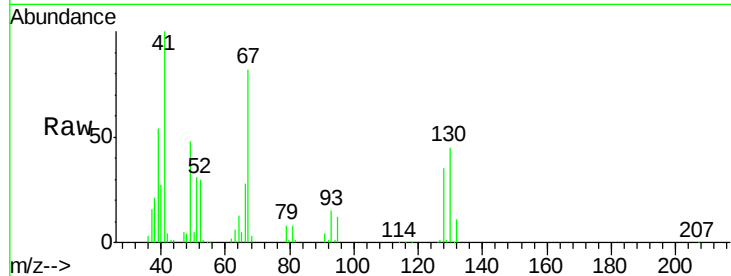
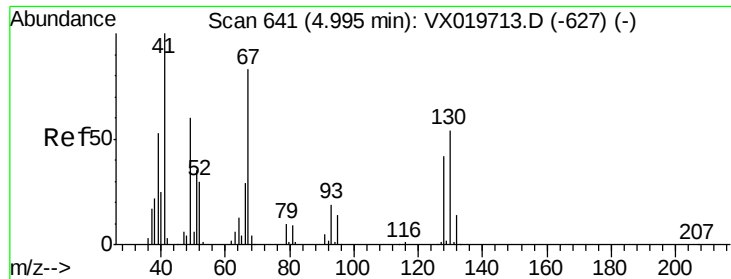
MMDadoda
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#40
Benzene
Concen: 51.710 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	626577		
77	23.5		18.9	28.3





#41

Methacrylonitrile

Concen: 52.198 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	42.5	63.7	
67	83.3	65.0	97.6	
52	31.6	25.3	37.9	

Instrument :

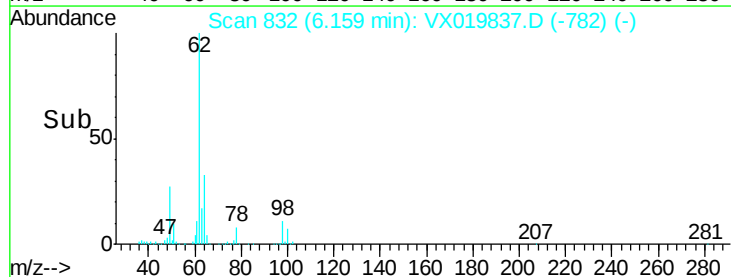
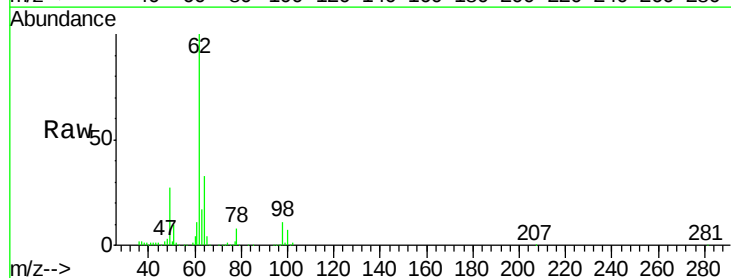
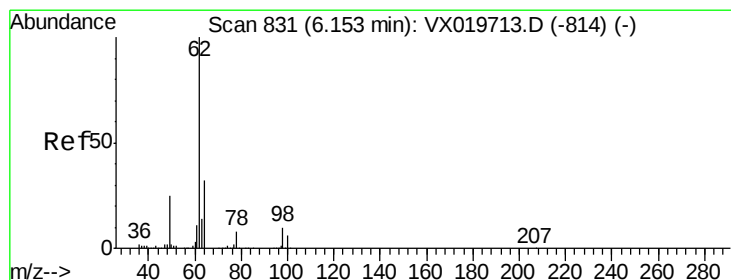
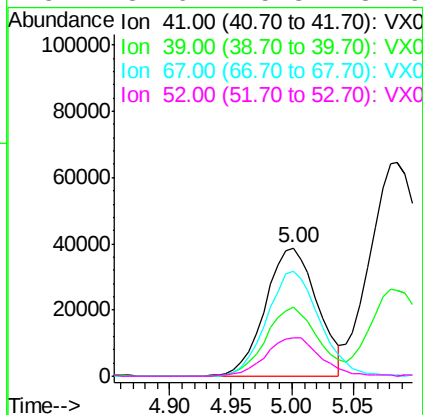
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#42

1,2-Dichloroethane

Concen: 52.083 ug/l

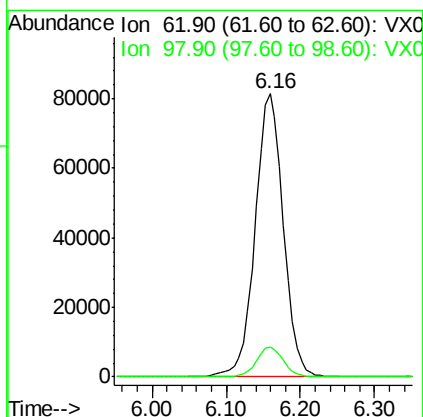
RT: 6.16 min Scan# 832

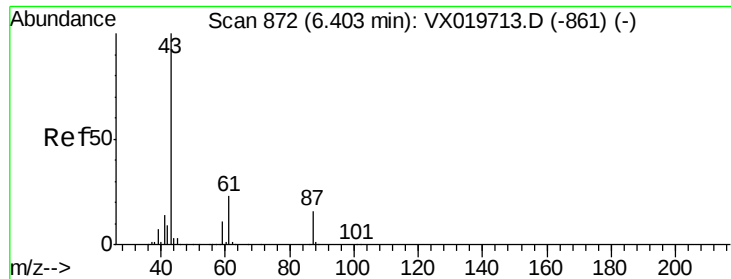
Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

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





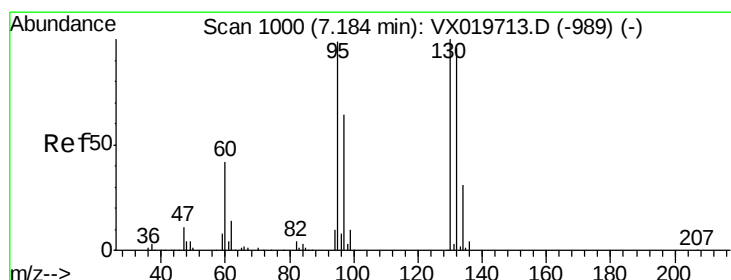
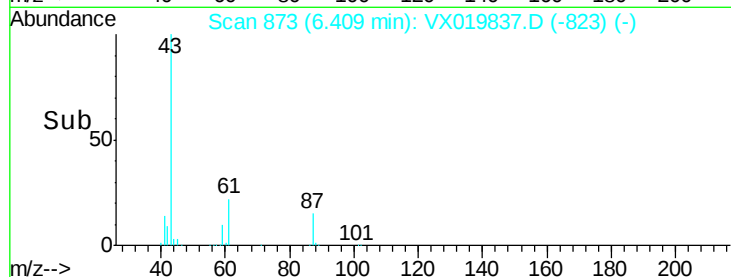
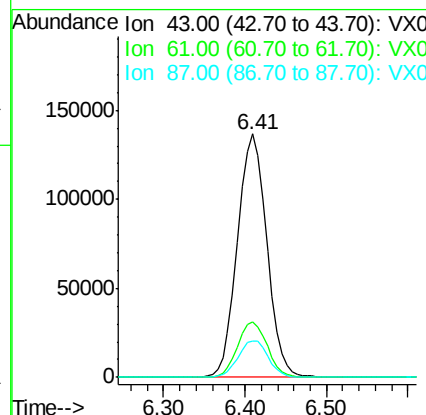
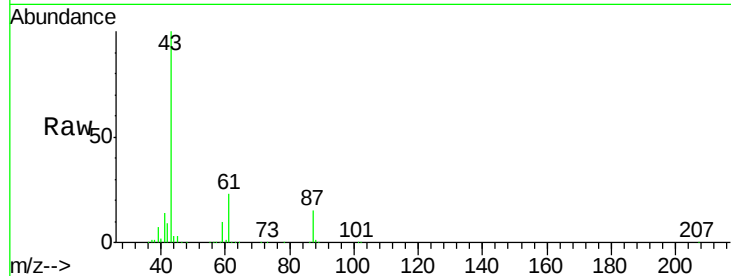
#43
Isopropyl Acetate
Concen: 52.084 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

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

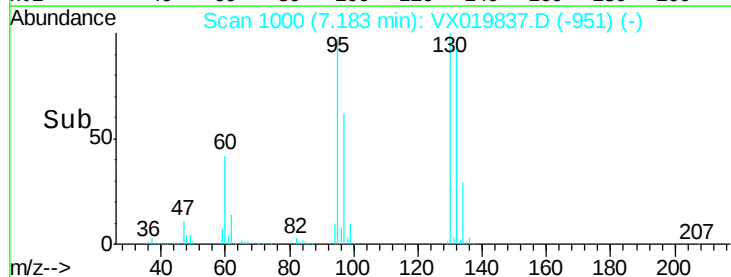
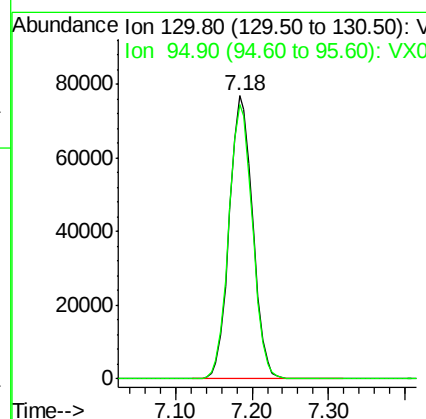
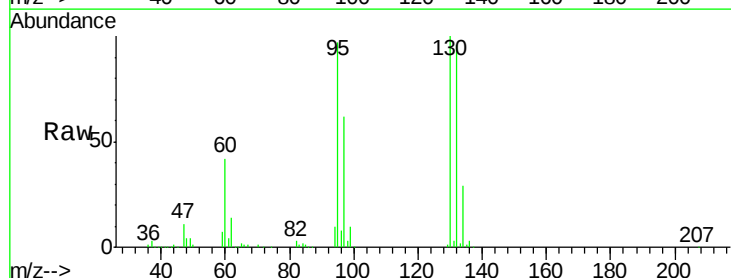
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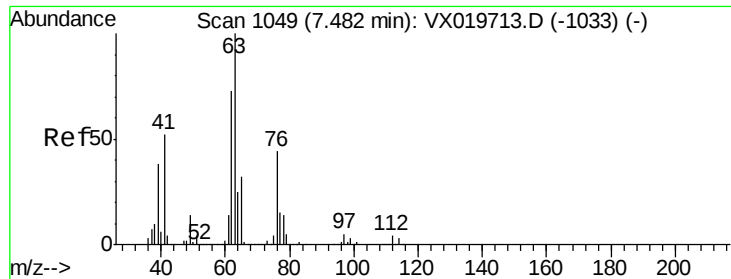
MMDadoda
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#44
Trichloroethene
Concen: 51.049 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	198.0





#45

1,2-Dichloropropane

Concen: 53.012 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 160541

Ion Ratio Lower Upper

63 100

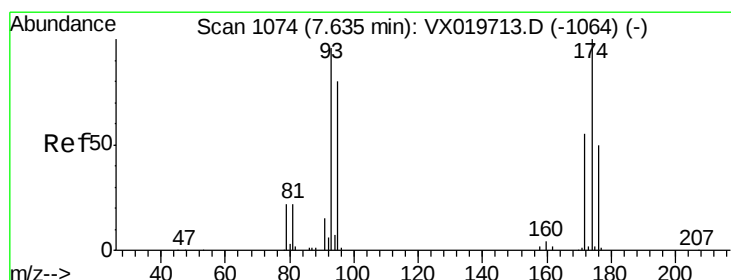
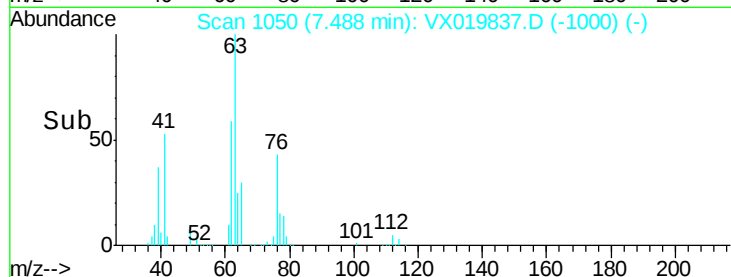
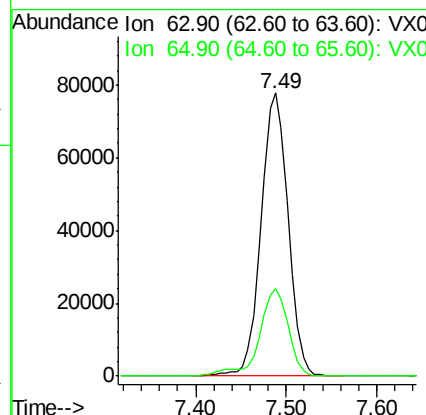
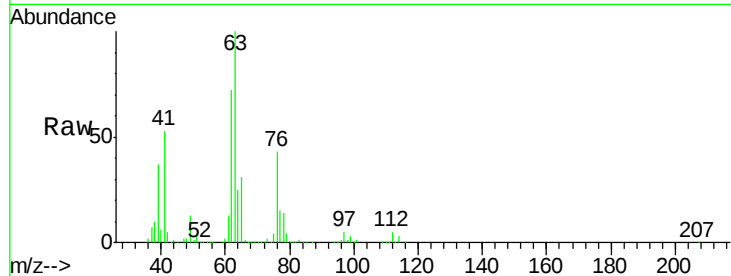
65 31.0 25.7 38.5

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#46

Dibromomethane

Concen: 52.387 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

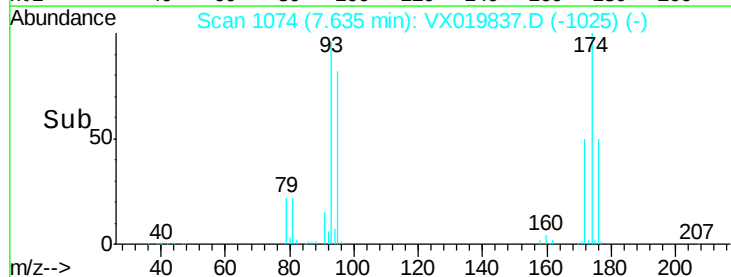
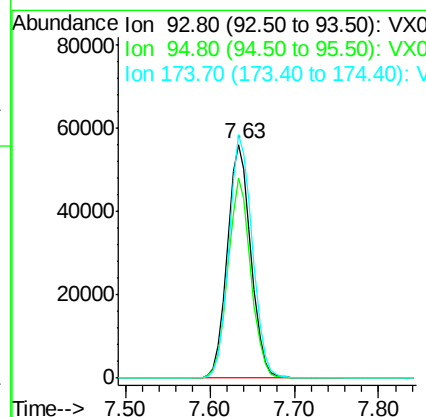
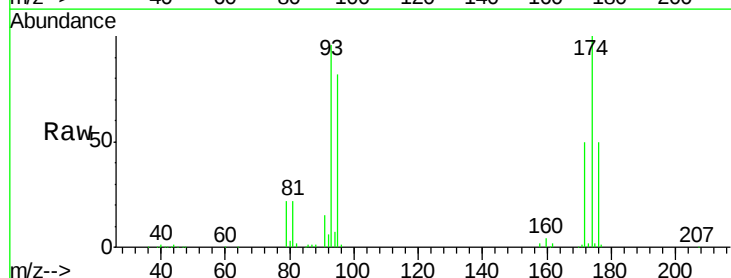
Tgt Ion: 93 Resp: 107138

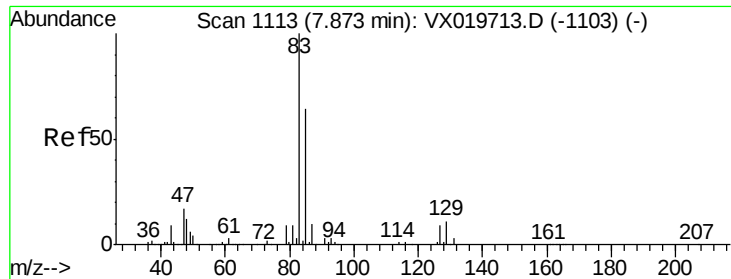
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 104.0 83.1 124.7





#47

Bromodichloromethane

Concen: 52.874 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

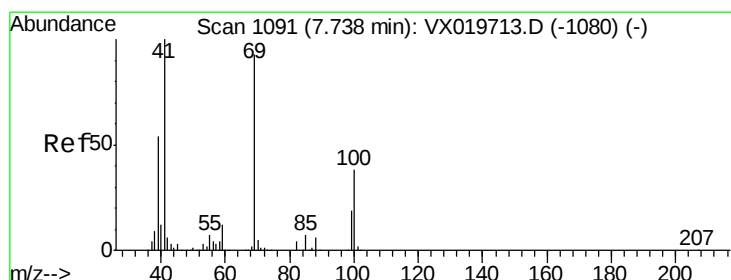
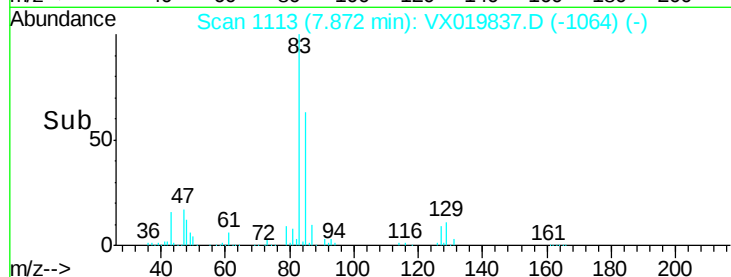
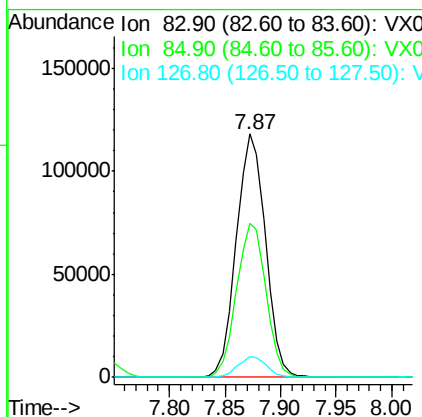
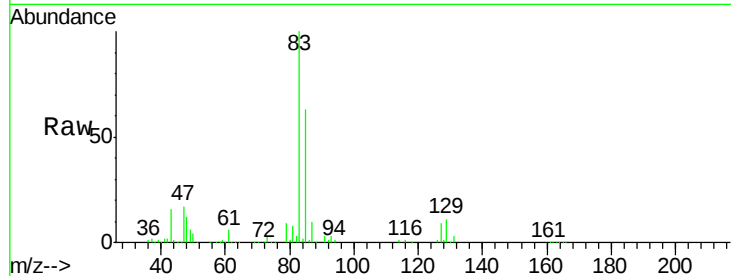
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	214573
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0
127	8.7	6.8	10.2

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#48

Methyl methacrylate

Concen: 52.558 ug/l

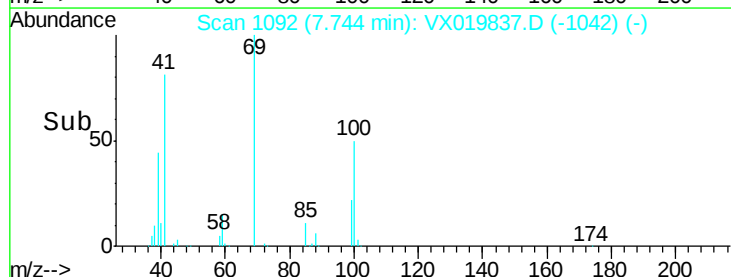
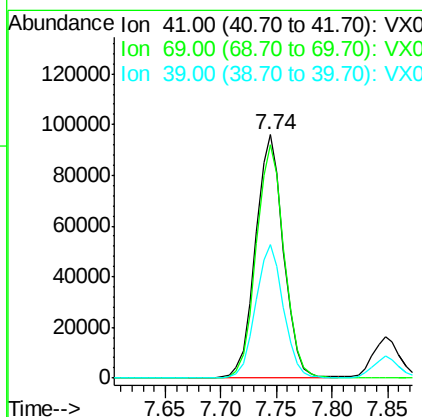
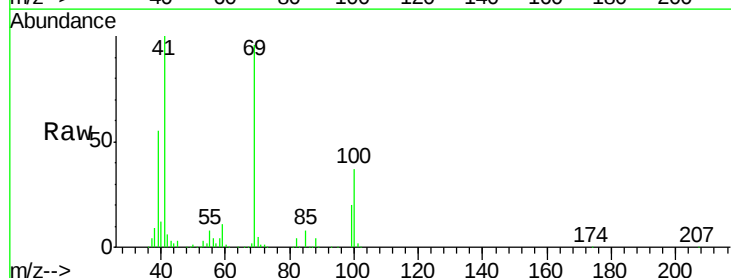
RT: 7.74 min Scan# 1092

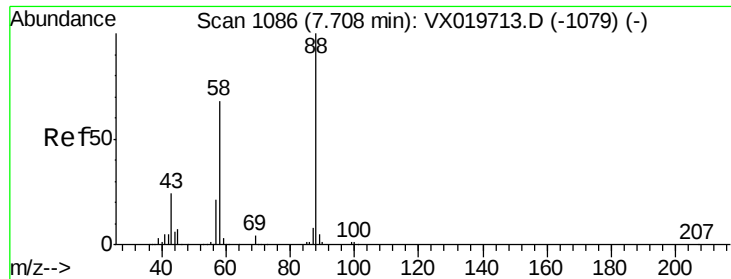
Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion:	41	Resp:	168310
Ion	Ratio	Lower	Upper
41	100		
69	95.8	76.0	114.0
39	54.8	44.6	67.0





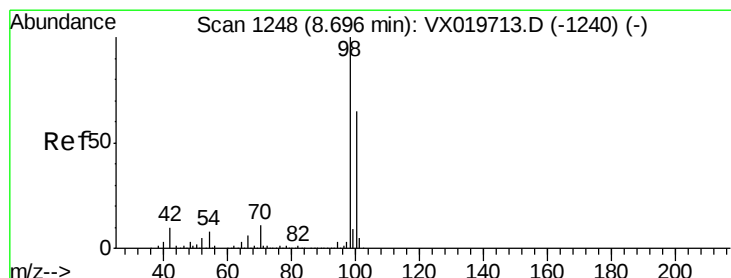
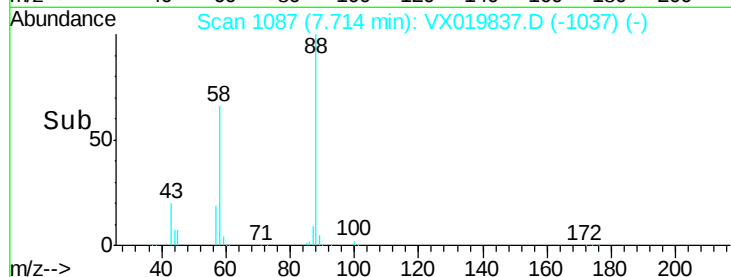
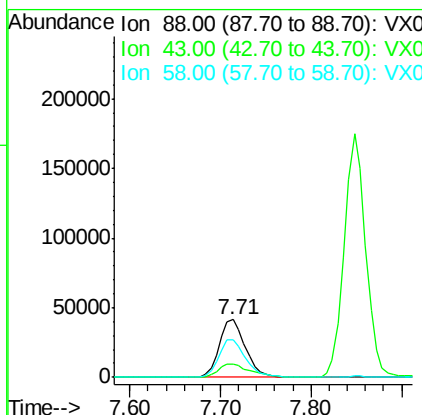
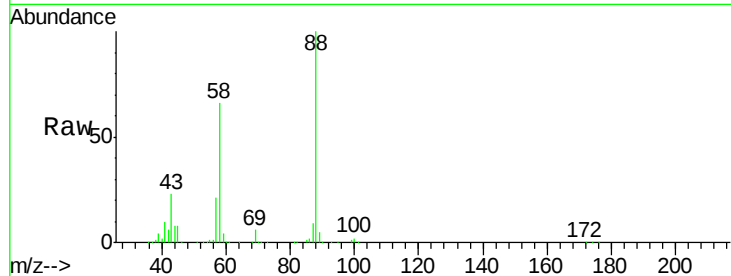
#49
1,4-Dioxane
Concen: 1076.096 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.2	34.8
58	68.1	55.0	82.4

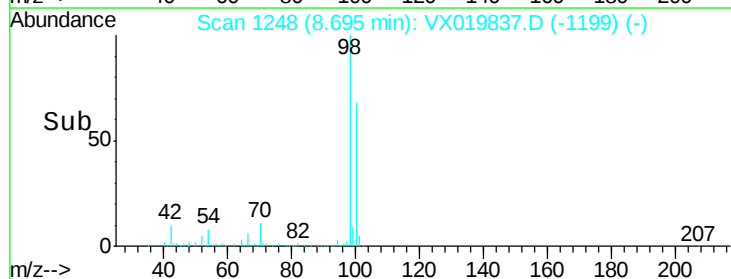
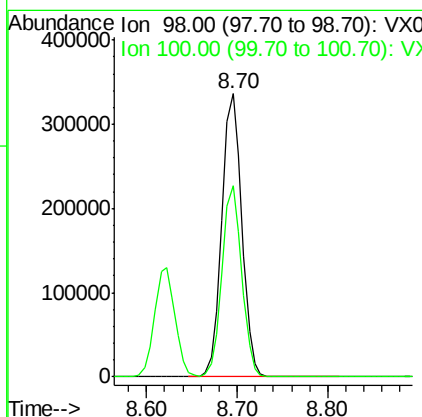
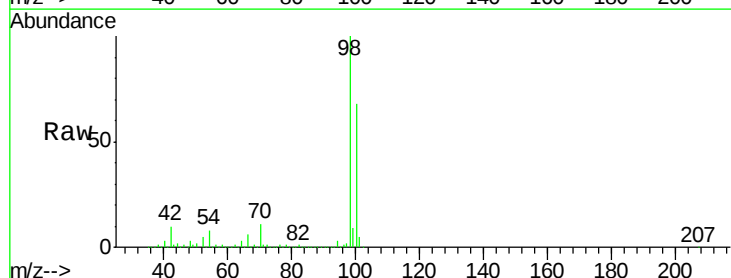
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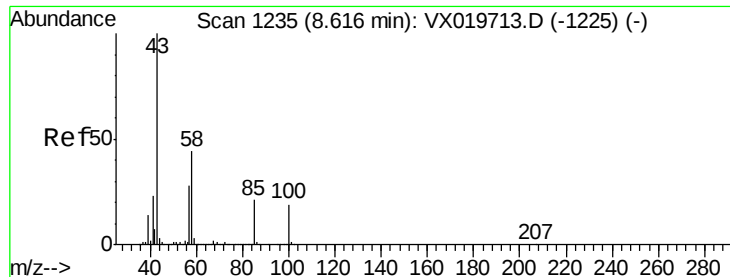
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#50
Toluene-d8
Concen: 47.831 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 273.410 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1086922

Ion Ratio Lower Upper

43 100

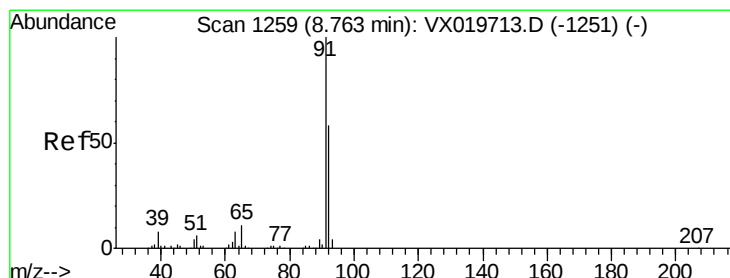
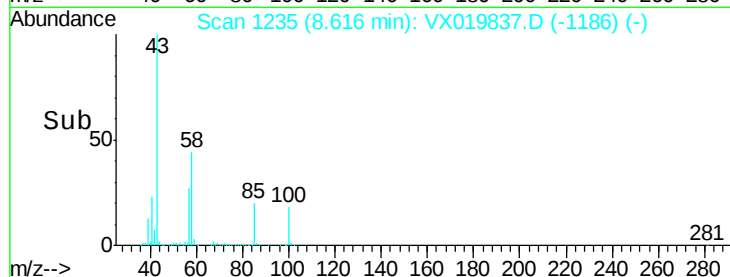
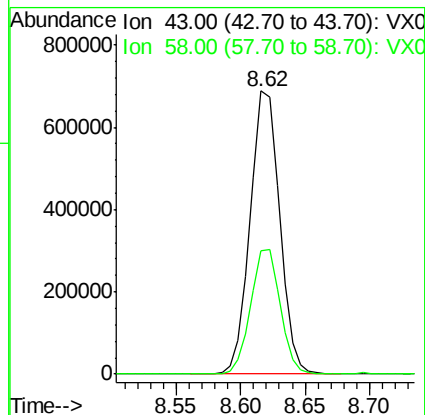
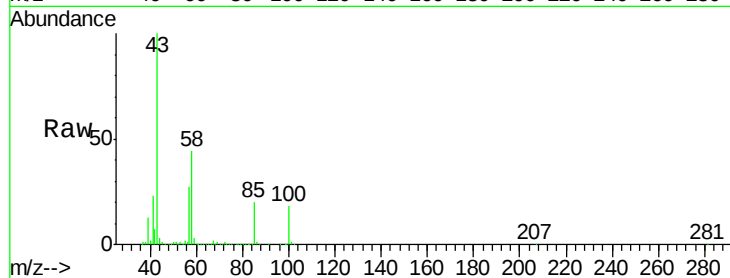
58 44.1 35.4 53.0

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#52

Toluene

Concen: 51.323 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019837.D

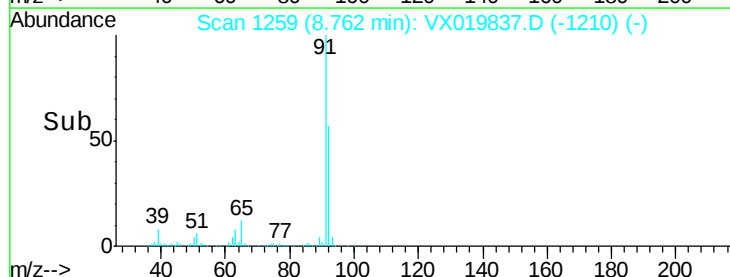
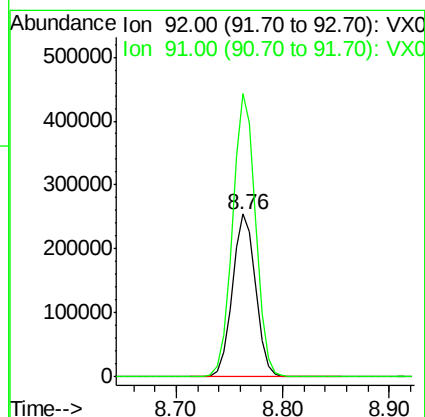
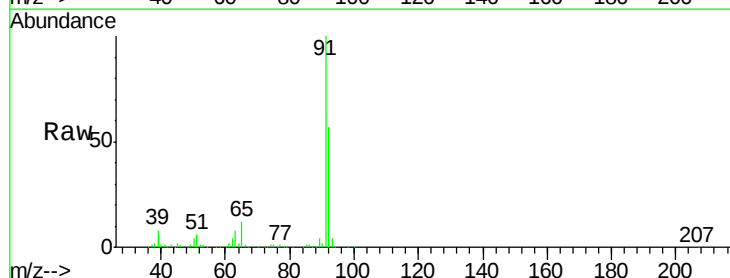
Acq: 10 Dec 2020 19:46

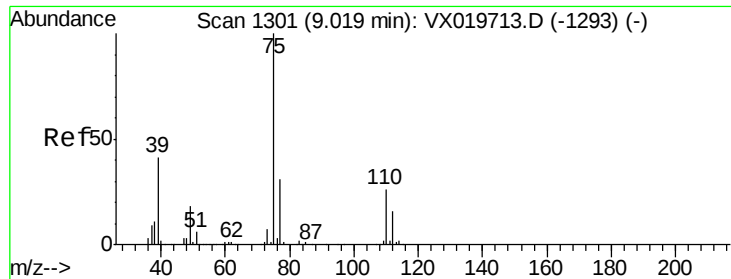
Tgt Ion: 92 Resp: 388951

Ion Ratio Lower Upper

92 100

91 171.9 137.1 205.7





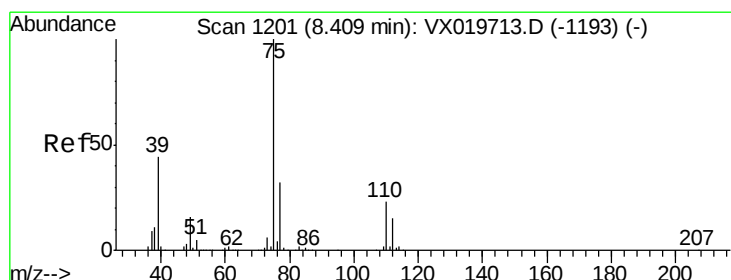
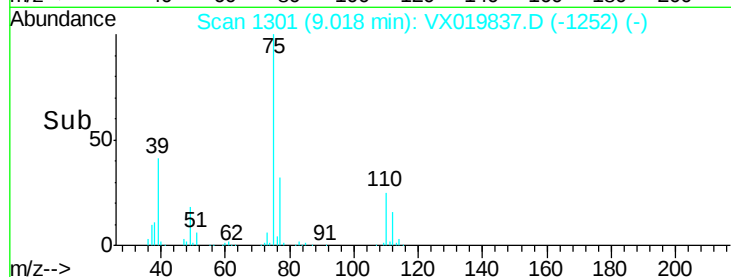
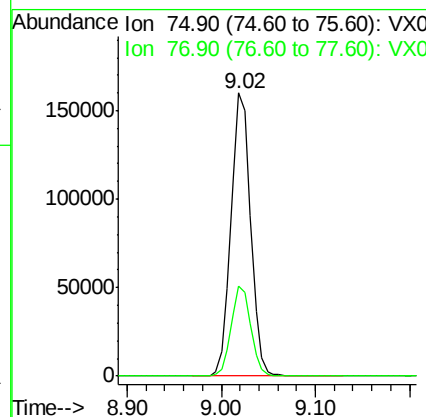
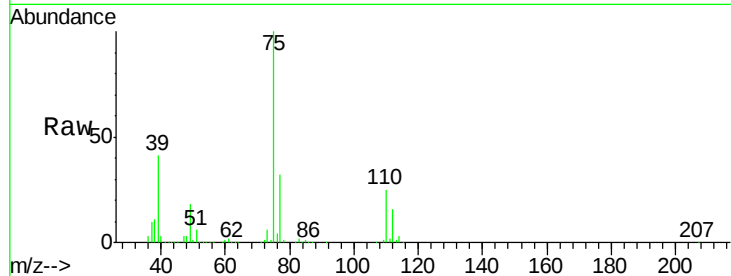
#53
 t-1,3-Dichloropropene
 Concen: 51.531 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3

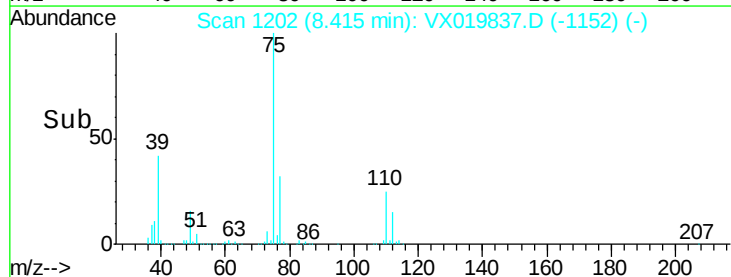
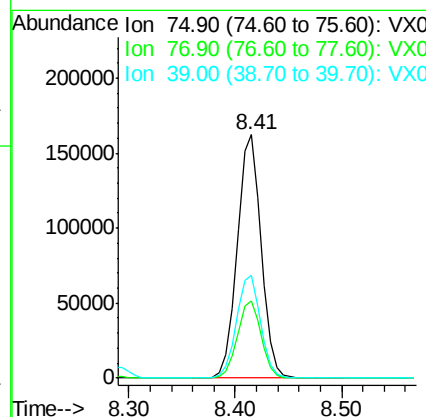
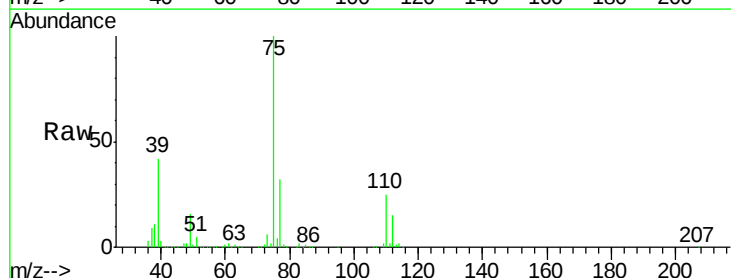
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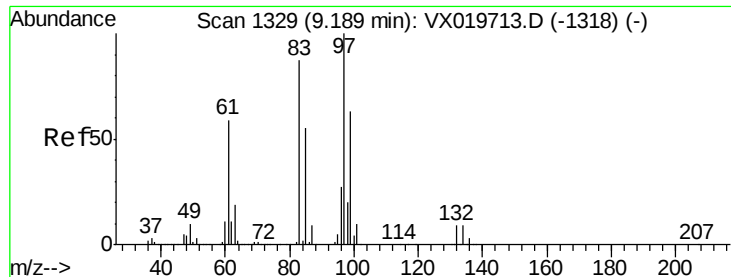
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#54
 cis-1,3-Dichloropropene
 Concen: 52.081 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	42.4	35.1	52.7





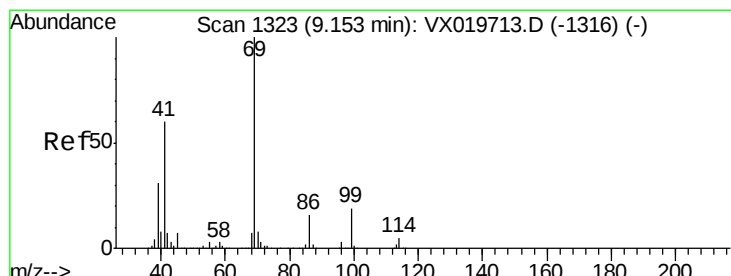
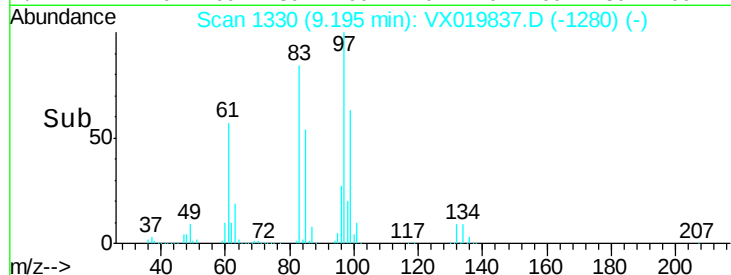
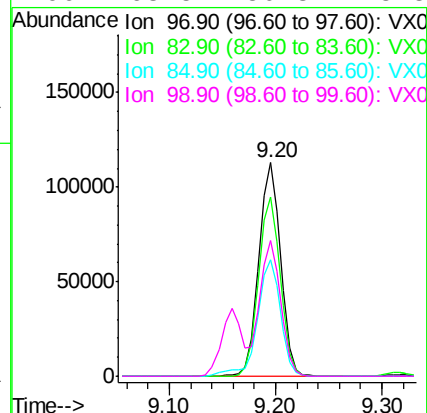
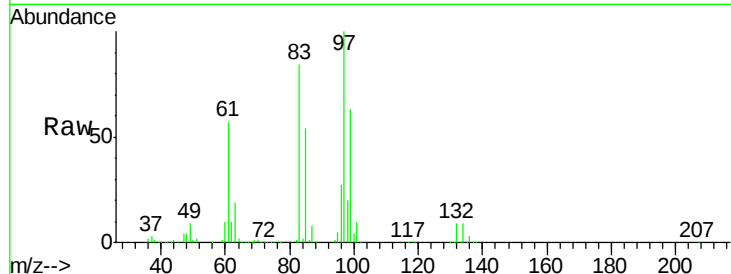
#55
 1,1,2-Trichloroethane
 Concen: 53.460 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.3	103.9
85	54.5	44.3	66.5
99	63.5	50.3	75.5

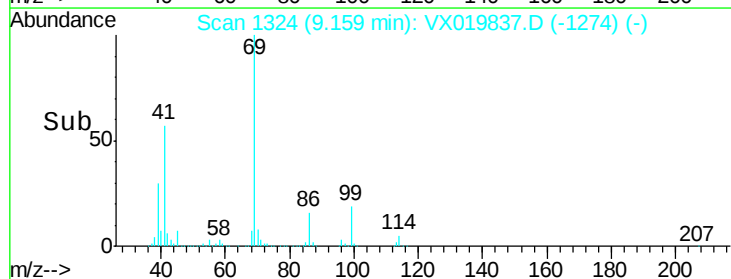
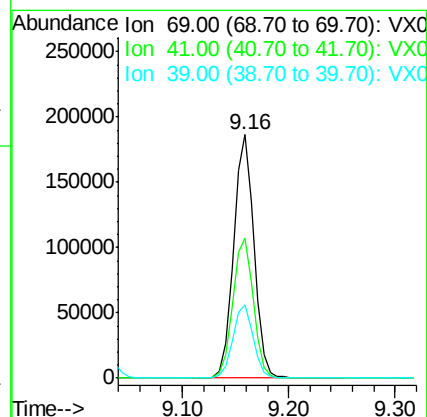
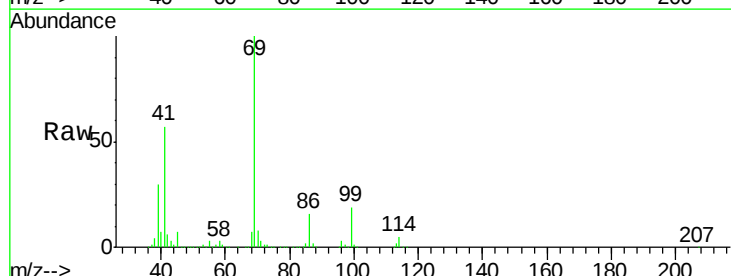
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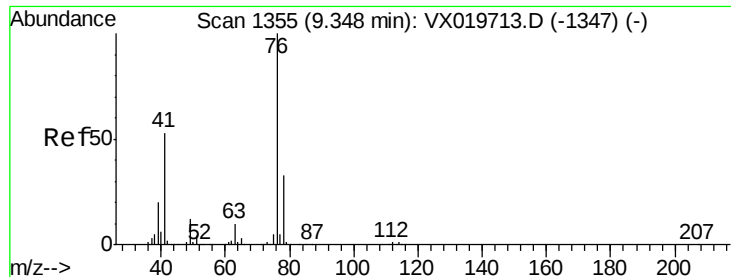
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#56
 Ethyl methacrylate
 Concen: 54.111 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.8	70.2
39	30.1	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.367 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 273085

Ion Ratio Lower Upper

76 100

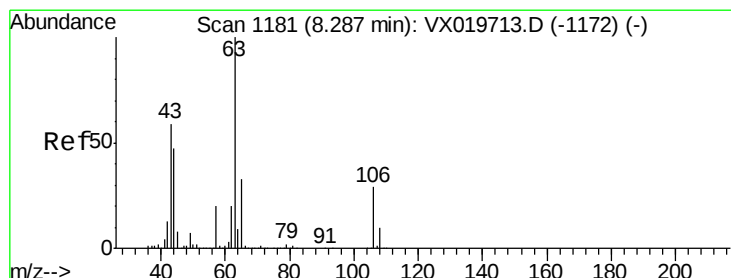
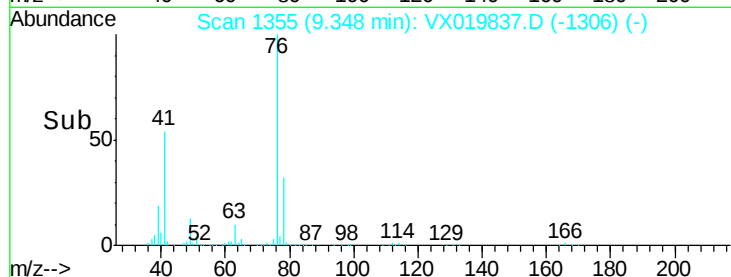
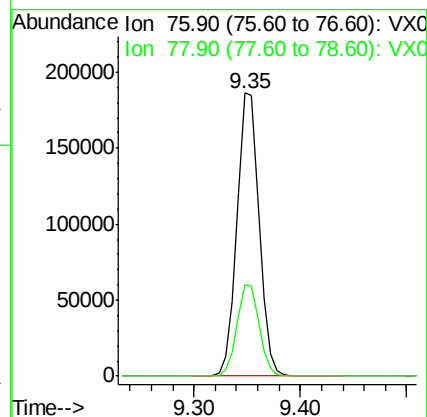
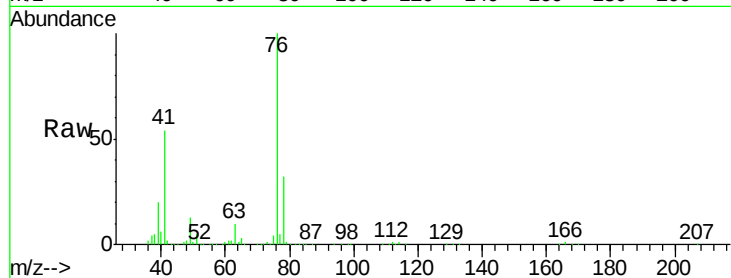
78 32.4 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 269.355 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019837.D

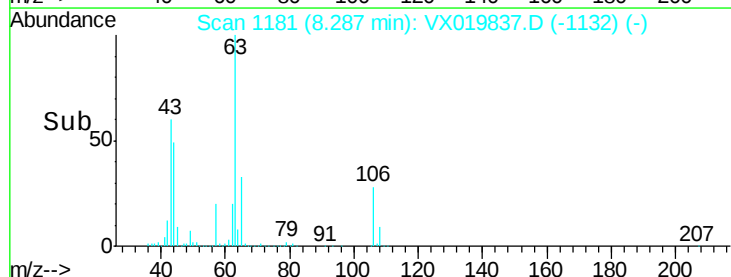
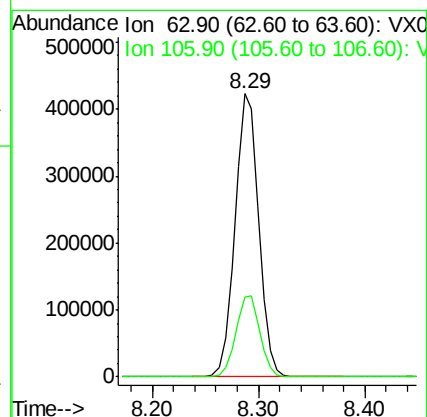
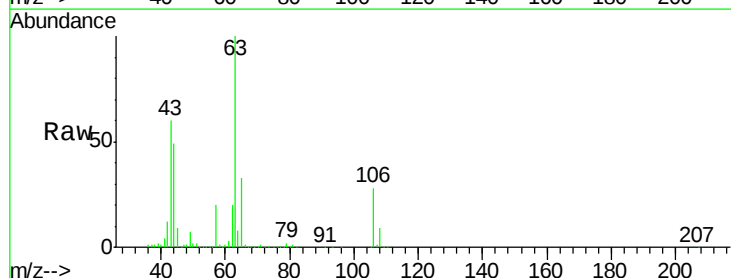
Acq: 10 Dec 2020 19:46

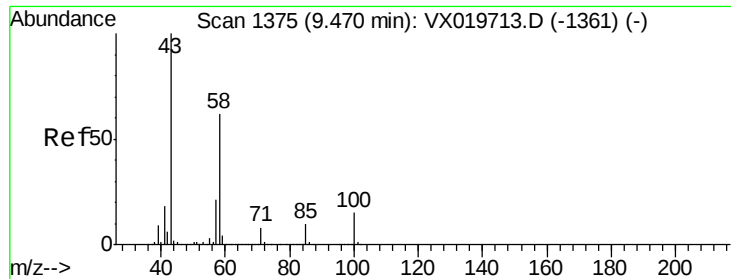
Tgt Ion: 63 Resp: 659340

Ion Ratio Lower Upper

63 100

106 29.1 23.5 35.3





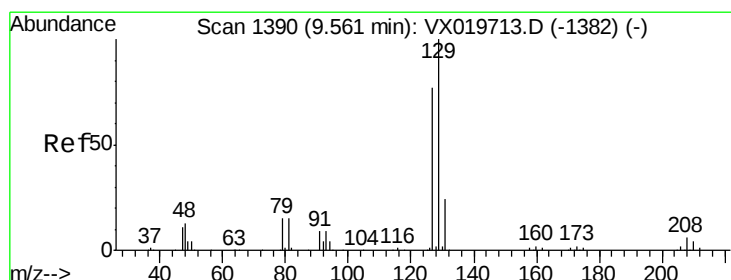
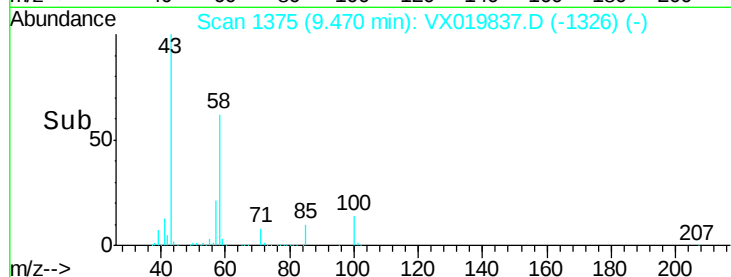
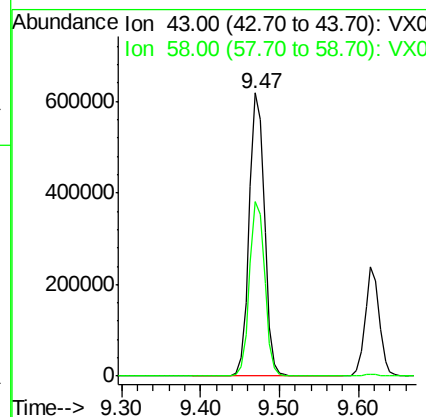
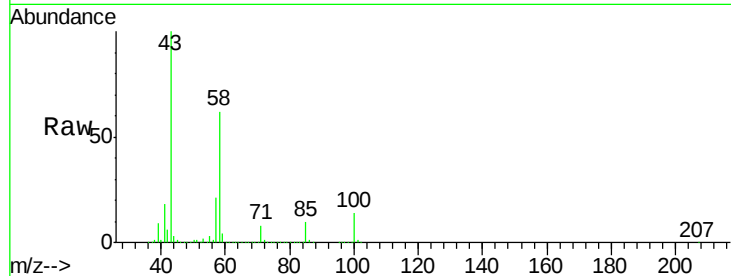
#59
2-Hexanone
Concen: 269.464 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 830349
Ion Ratio Lower Upper
43 100
58 61.9 30.9 92.8

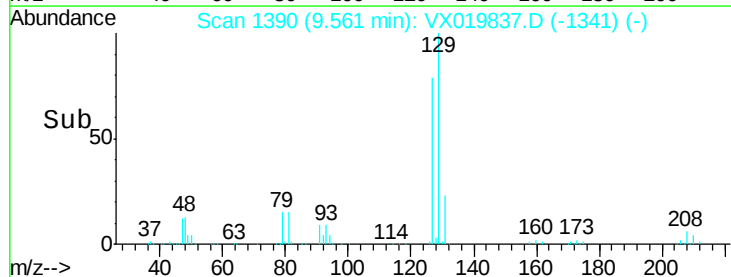
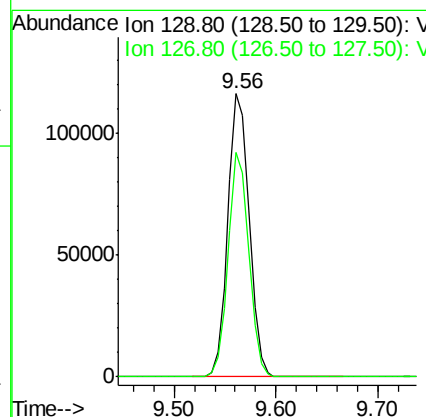
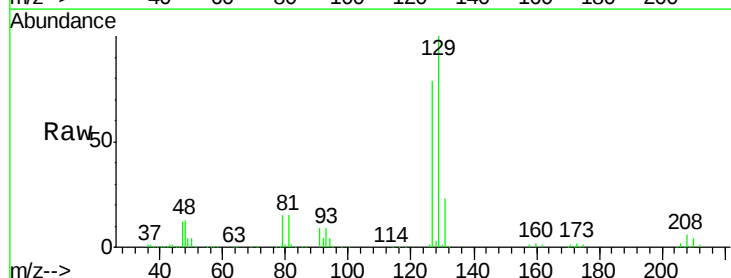
Manual Integrations
APPROVED

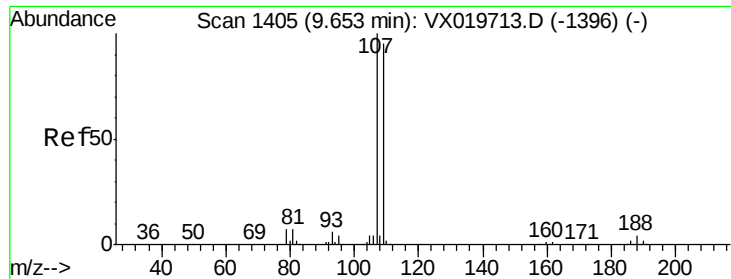
MMDadoda
12/11/2020 5:36:28 PM



#60
Dibromochloromethane
Concen: 54.447 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 129 Resp: 168942
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.417 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 169989

Ion Ratio Lower Upper

107 100

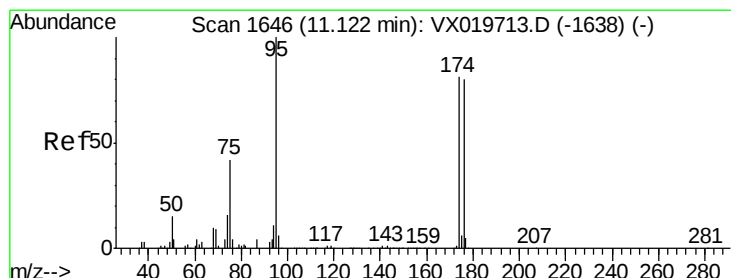
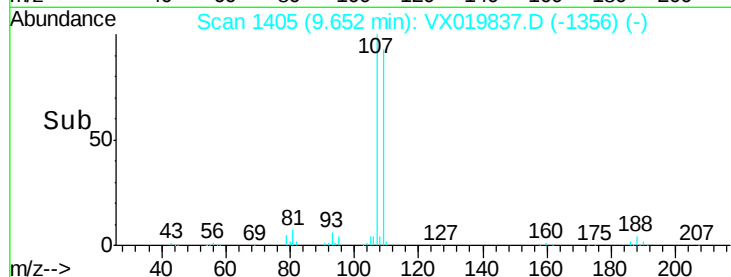
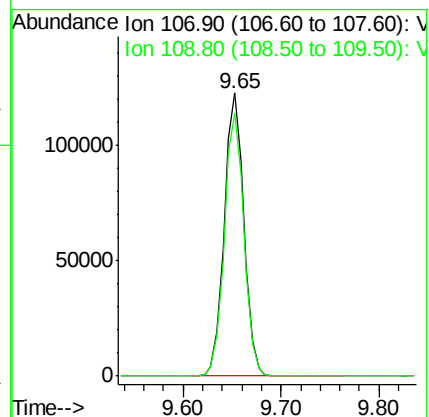
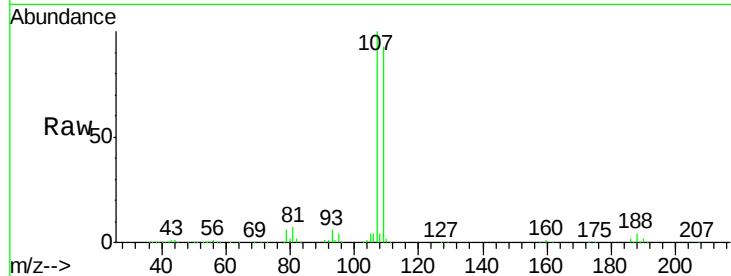
109 93.6 75.8 113.6

Manual Integrations

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MMDadoda

12/11/2020 5:36:28 PM



#62

4-Bromofluorobenzene

Concen: 48.265 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

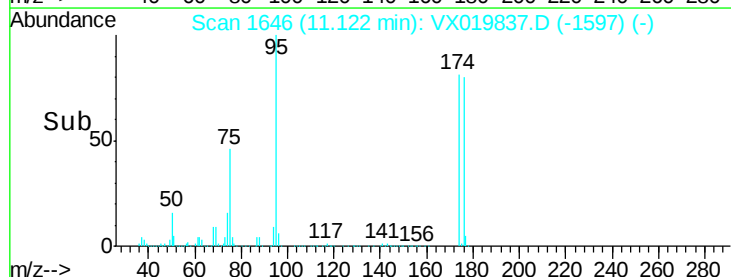
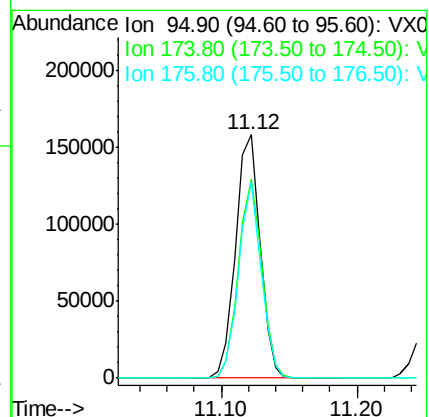
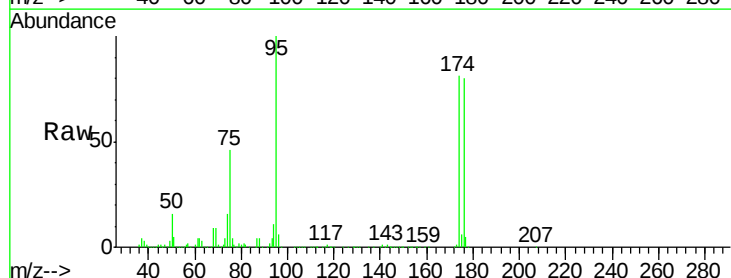
Tgt Ion: 95 Resp: 198971

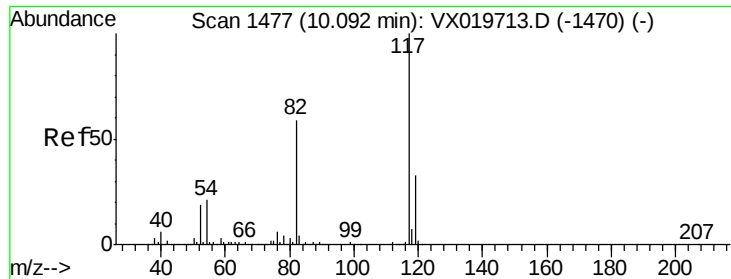
Ion Ratio Lower Upper

95 100

174 78.5 0.0 154.6

176 74.5 0.0 155.8





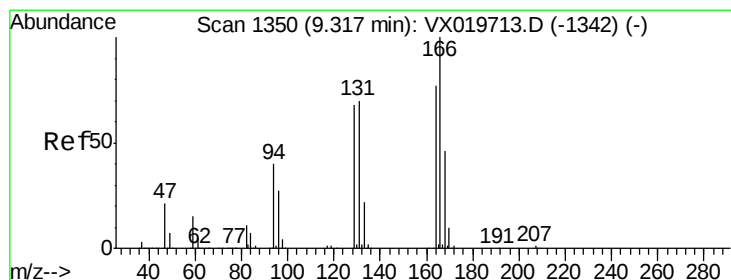
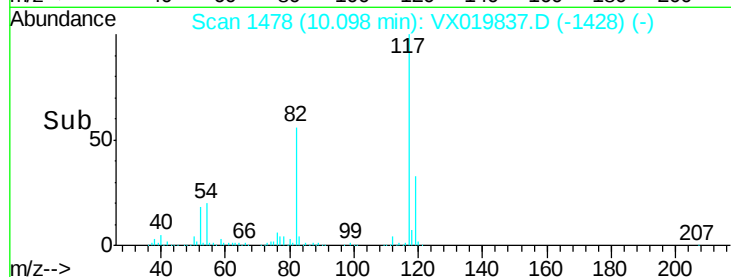
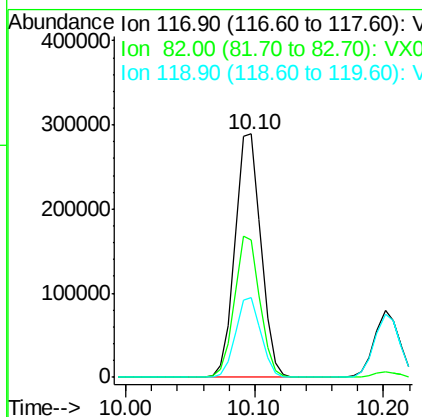
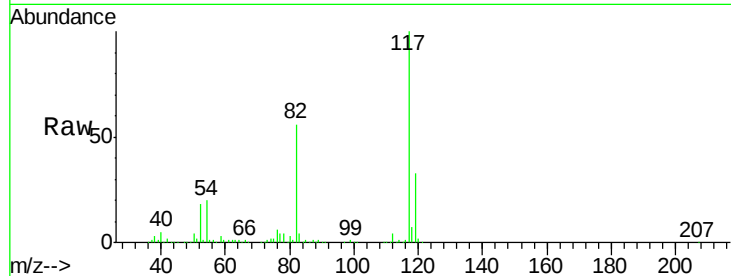
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404959		
82	56.2	47.4	71.2	
119	32.6	26.6	39.8	

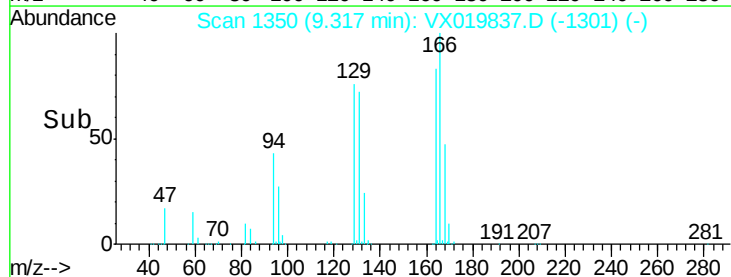
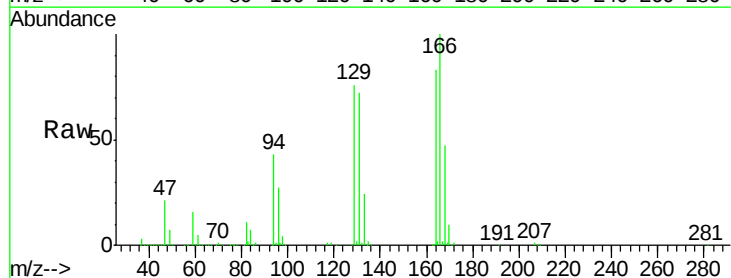
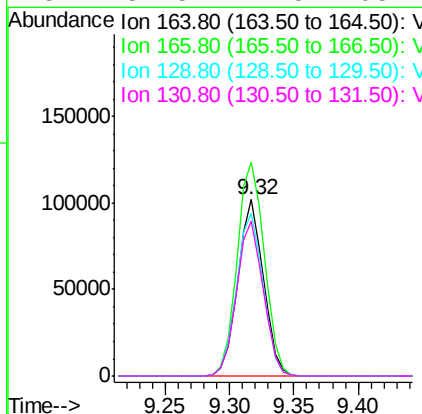
Manual Integrations
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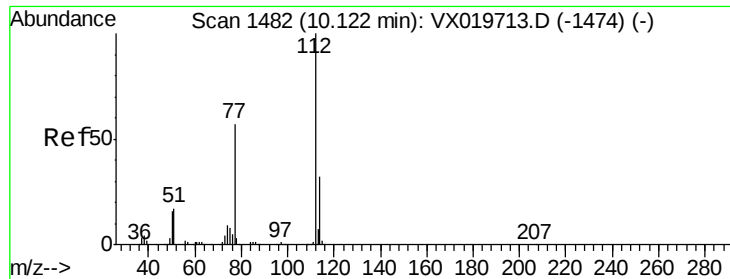
MMDadoda
12/11/2020 5:36:28 PM



#64
Tetrachloroethene
Concen: 51.769 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	140591		
166	121.0	103.4	155.2	
129	92.0	70.8	106.2	
131	87.5	72.5	108.7	





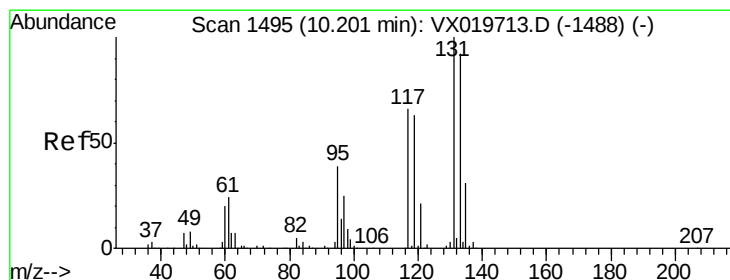
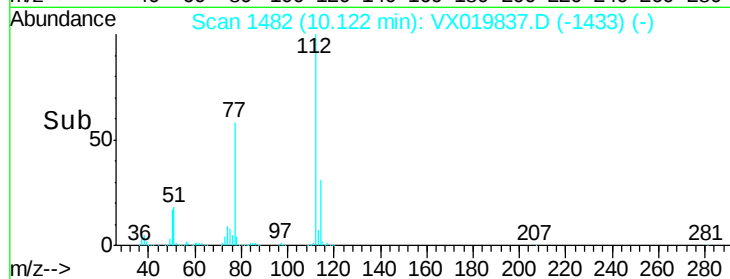
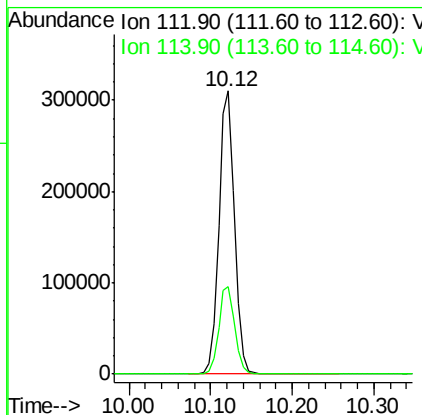
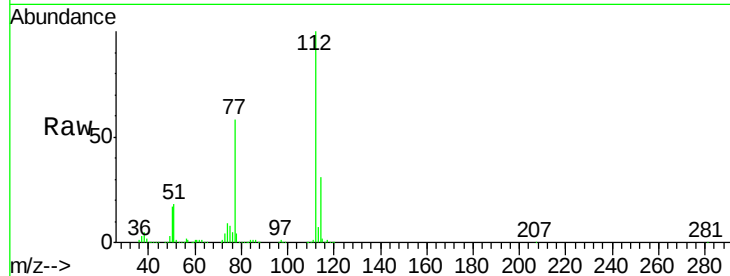
#65
Chlorobenzene
Concen: 51.450 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 415093
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

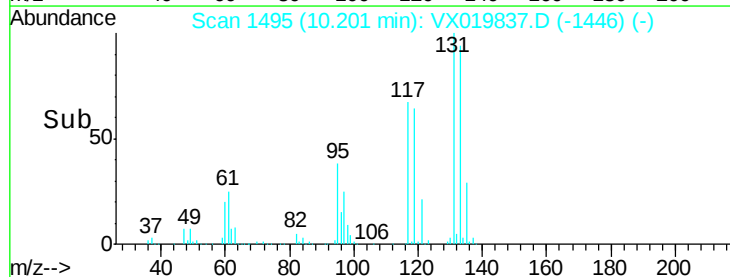
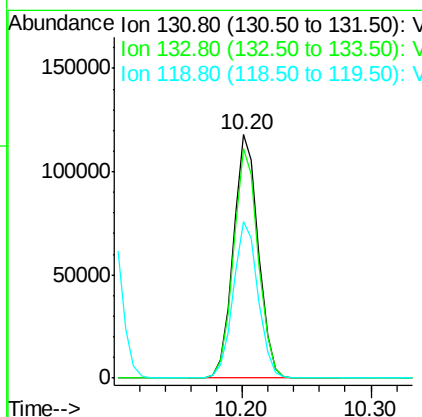
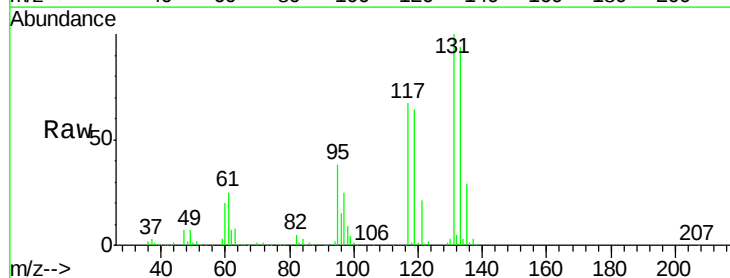
Manual Integrations
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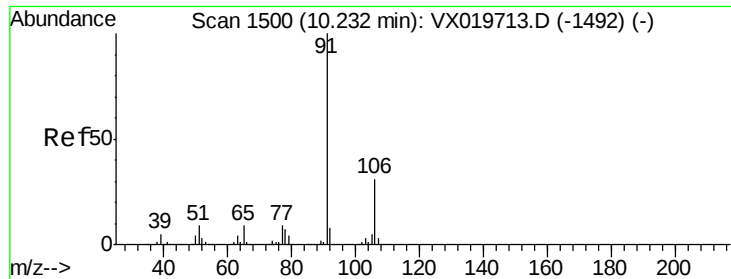
MMDadoda
12/11/2020 5:36:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.831 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion:131 Resp: 159223
Ion Ratio Lower Upper
131 100
133 93.3 47.7 143.1
119 64.1 32.1 96.5





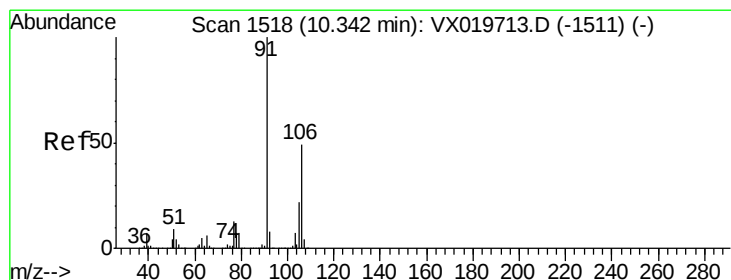
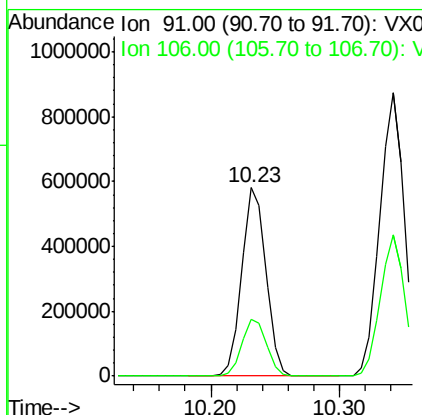
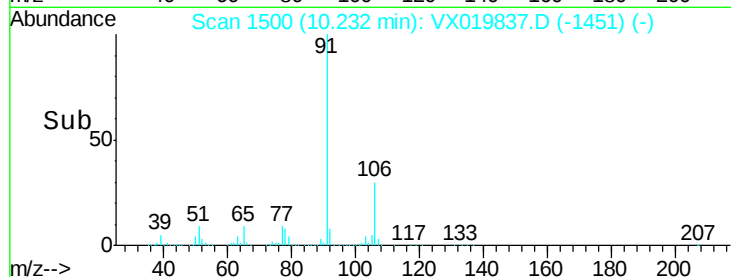
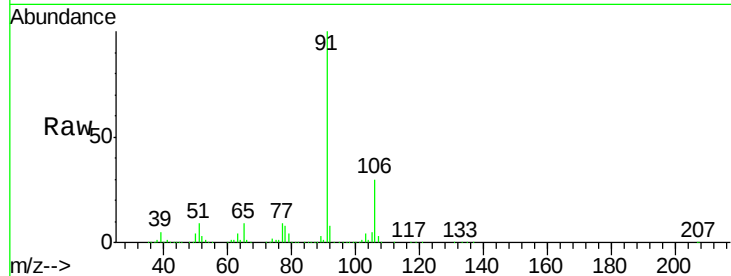
#67
Ethyl Benzene
Concen: 52.435 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 750913
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

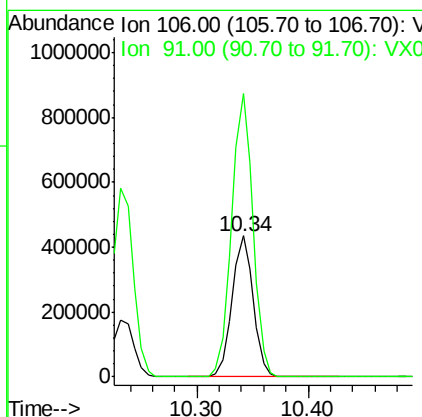
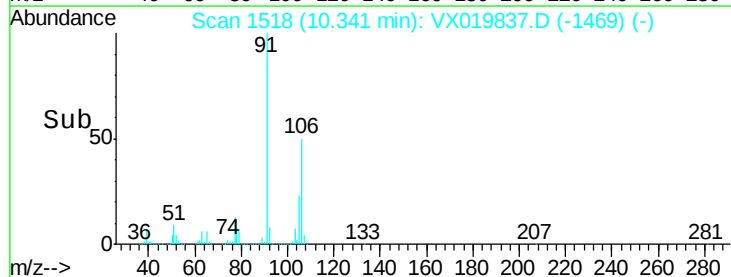
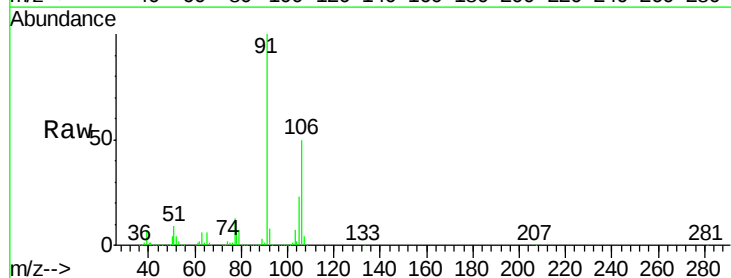
Manual Integrations
APPROVED

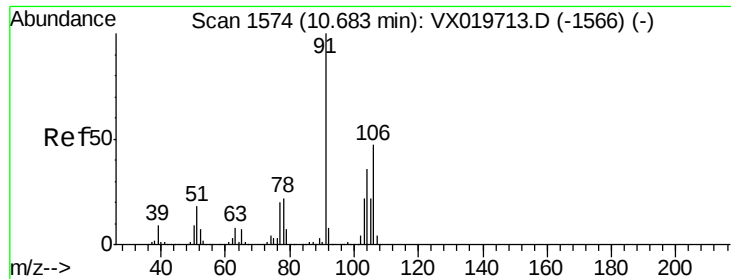
MMDadoda
12/11/2020 5:36:28 PM



#68
m/p-Xylenes
Concen: 105.388 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 106 Resp: 568706
Ion Ratio Lower Upper
106 100
91 202.3 162.8 244.2





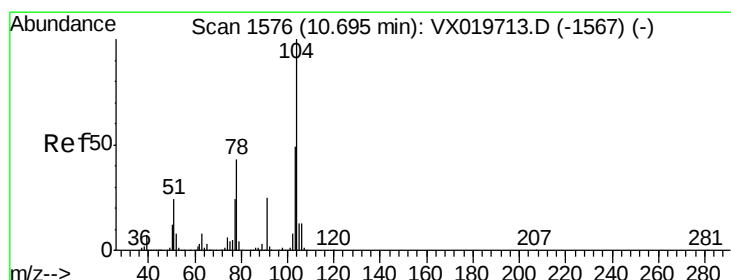
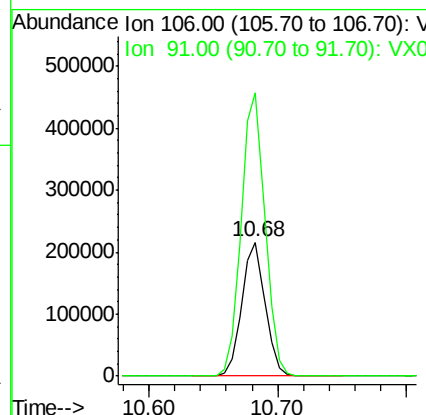
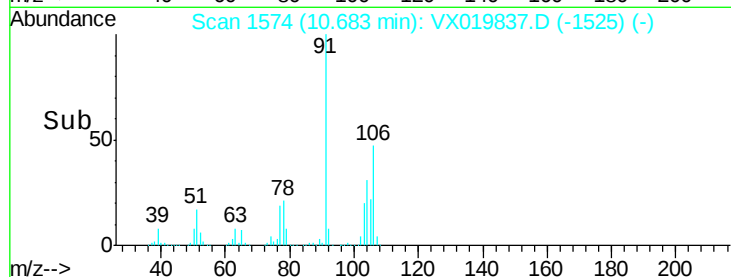
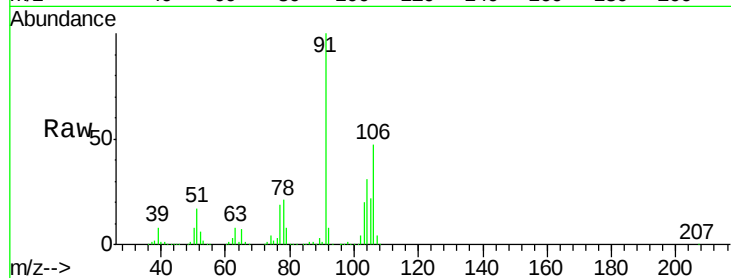
#69
o-Xylene
Concen: 52.336 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.7	108.1	324.2

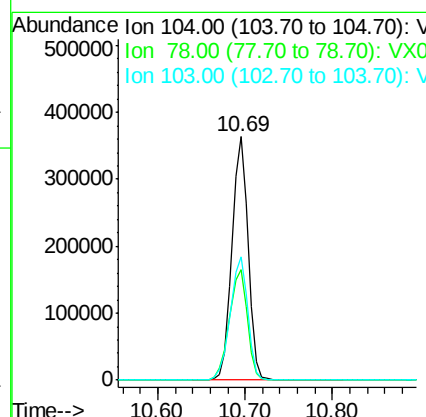
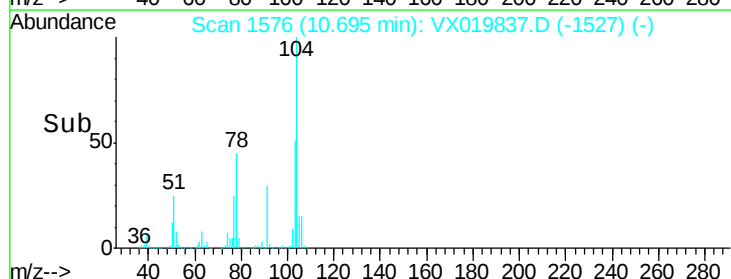
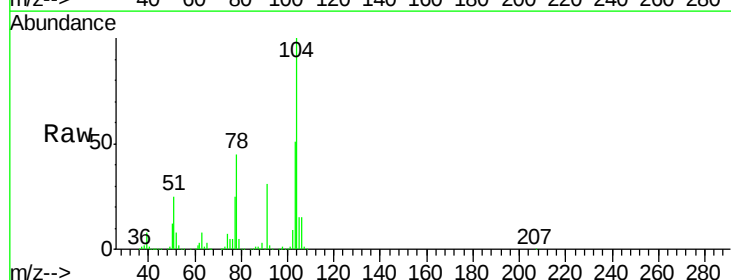
Manual Integrations
APPROVED

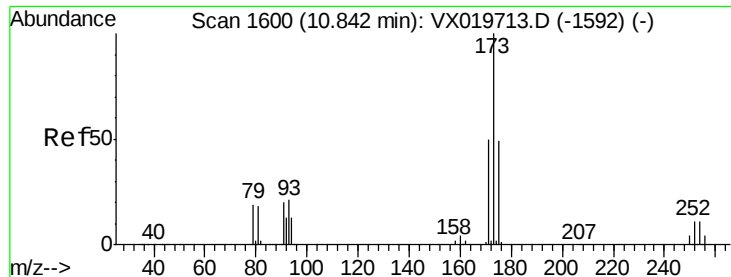
MMDadoda
12/11/2020 5:36:28 PM



#70
Styrene
Concen: 53.182 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.0	60.0
103	54.8	43.4	65.0





#71

Bromoform

Concen: 53.429 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

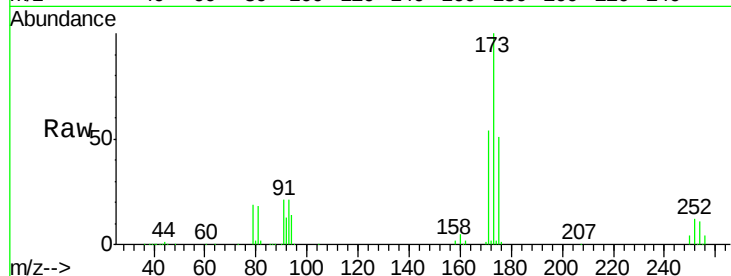
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.8
254	0.1	0.1	0.1

Manual Integrations
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12/11/2020 5:36:28 PM

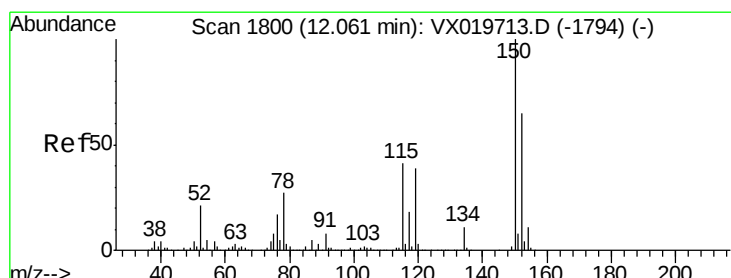
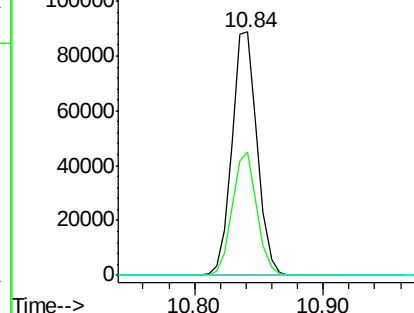
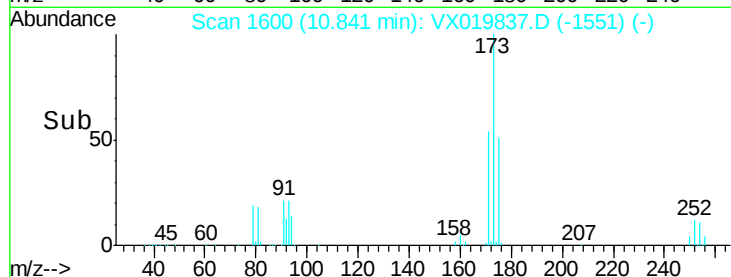


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

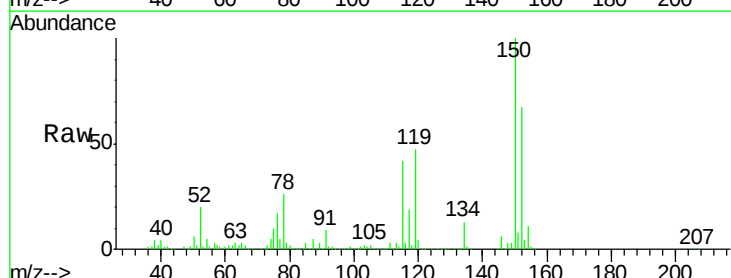
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.9	41.1	123.3
150	169.0	0.0	349.0

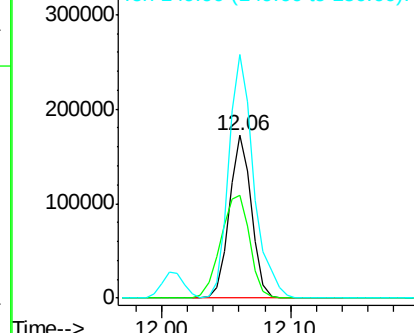
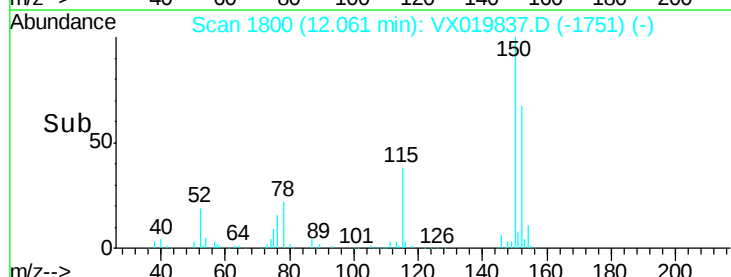


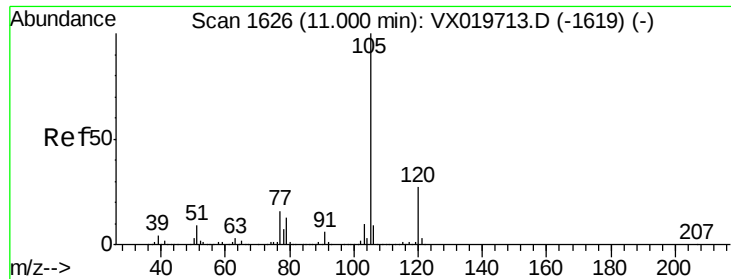
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.471 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 733157

Ion Ratio Lower Upper

105 100

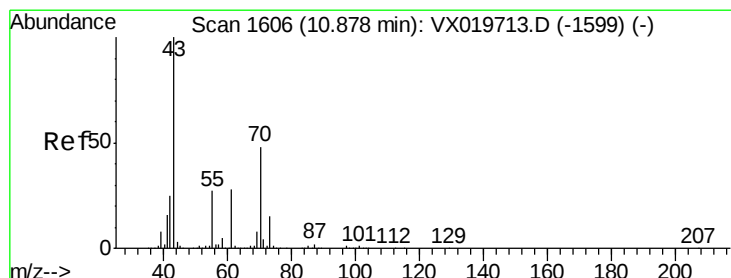
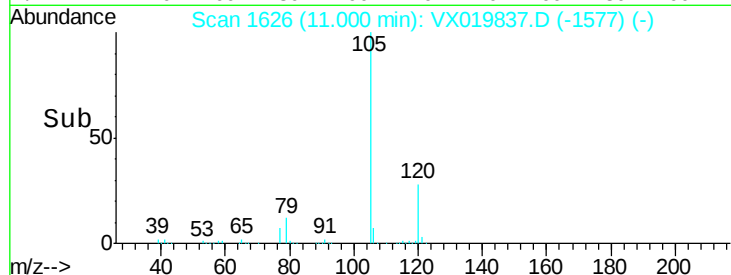
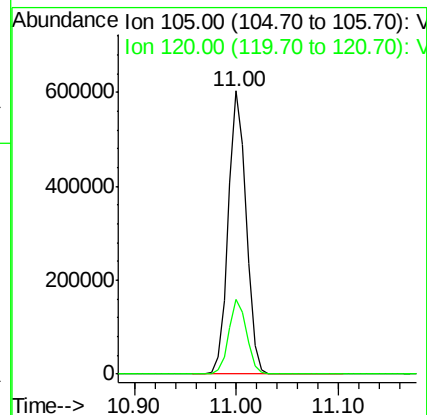
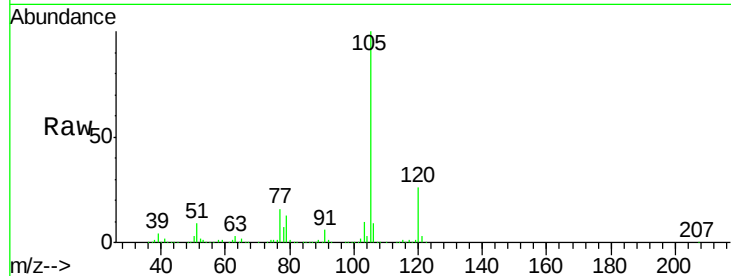
120 26.3 13.2 39.6

Manual Integrations

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12/11/2020 5:36:28 PM



#74

N-ethyl acetate

Concen: 51.618 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion: 43 Resp: 294644

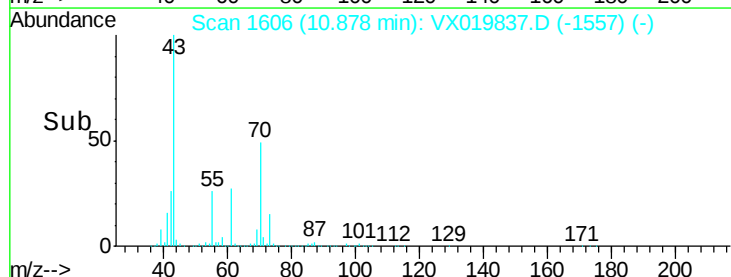
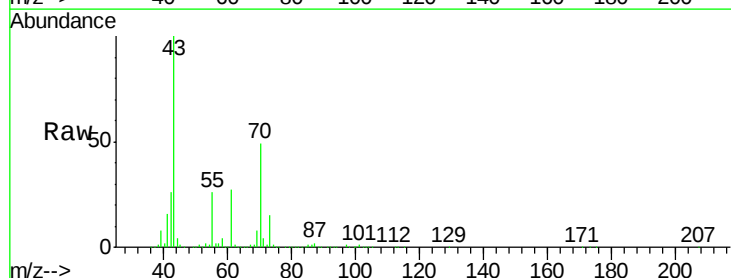
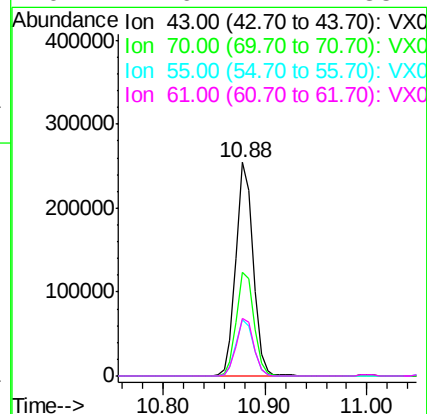
Ion Ratio Lower Upper

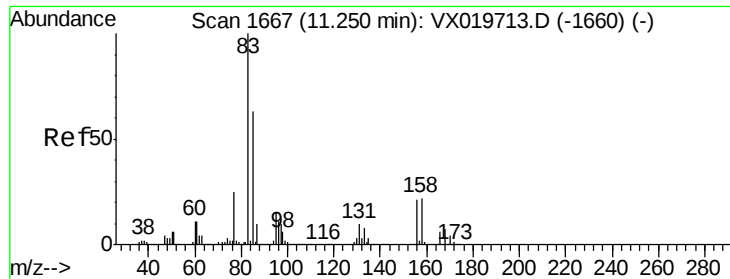
43 100

70 49.8 39.0 58.6

55 27.0 21.5 32.3

61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.174 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 262008

Ion Ratio Lower Upper

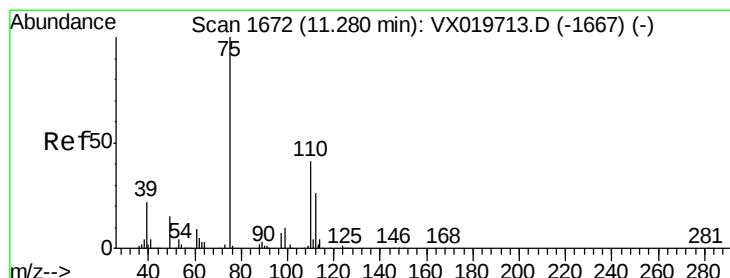
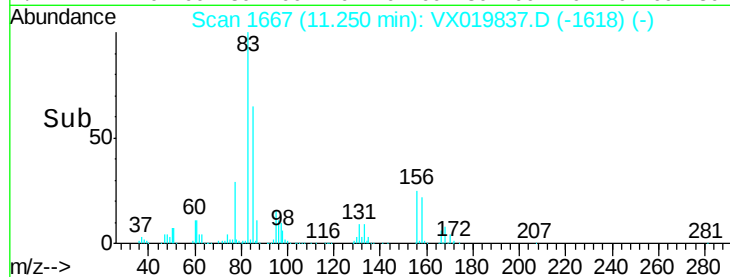
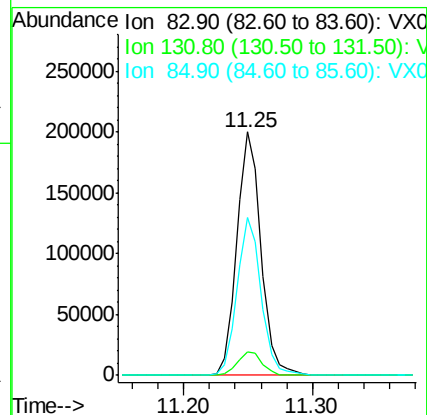
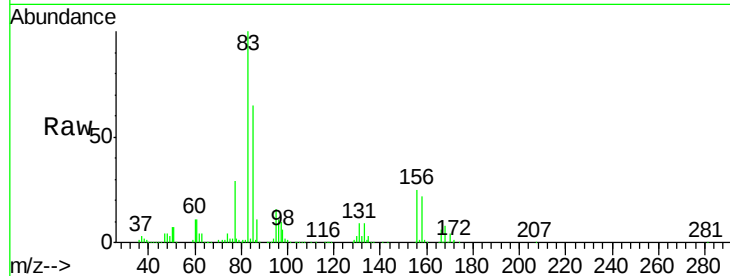
83 100

131 10.0 5.1 15.2

85 64.7 31.8 95.4

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#76

1,2,3-Trichloropropane

Concen: 51.541 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019837.D

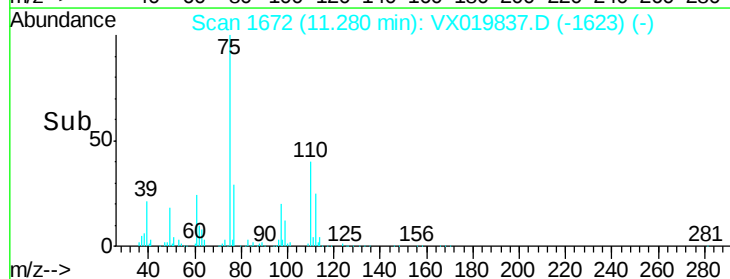
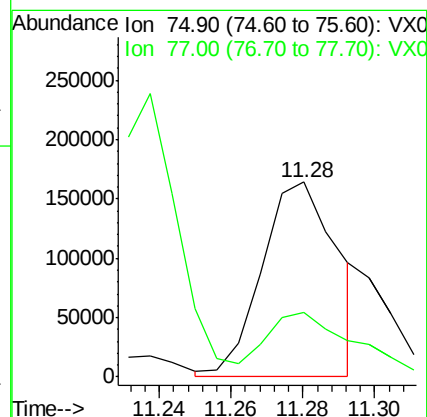
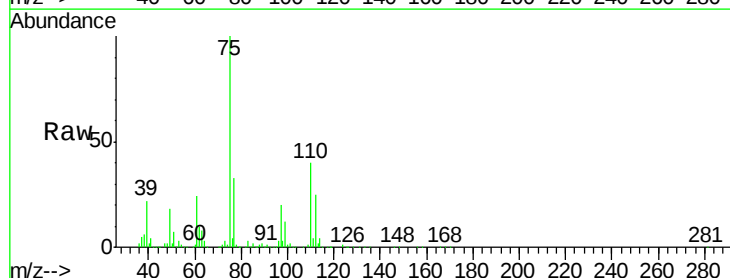
Acq: 10 Dec 2020 19:46

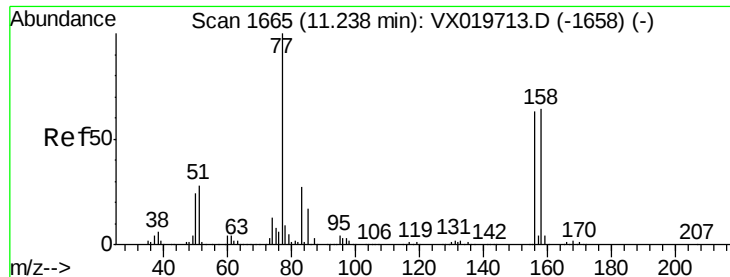
Tgt Ion: 75 Resp: 241008

Ion Ratio Lower Upper

75 100

77 38.6 19.1 57.5





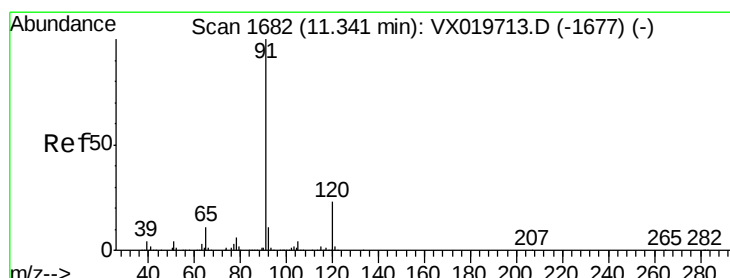
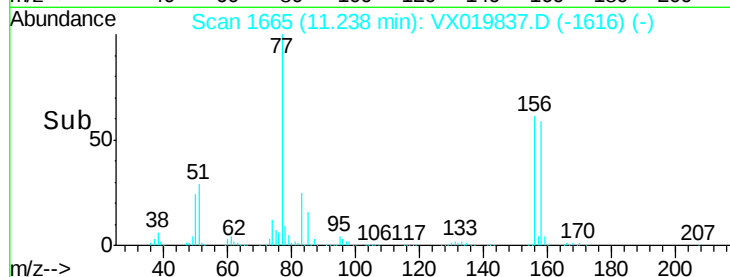
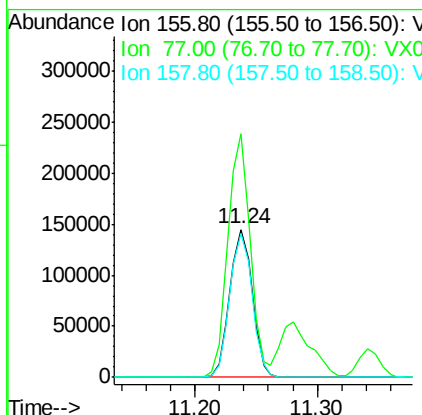
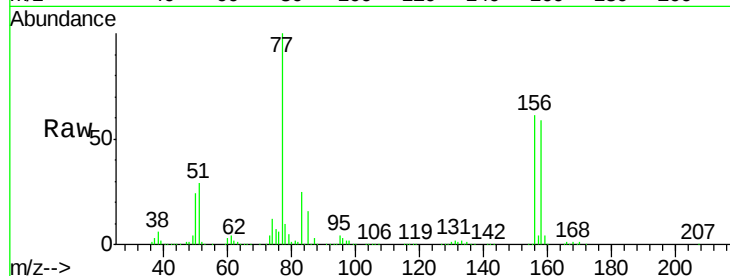
#77
Bromobenzene
Concen: 50.562 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.7	82.8	248.6
158	96.8	49.1	147.4

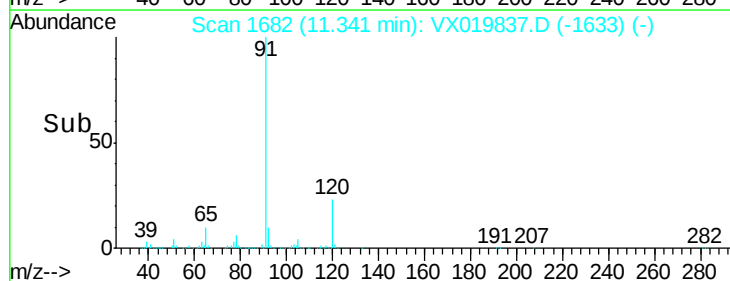
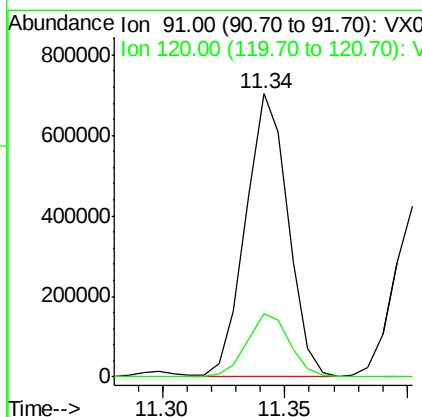
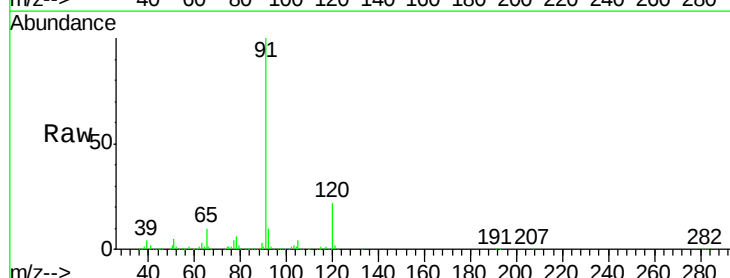
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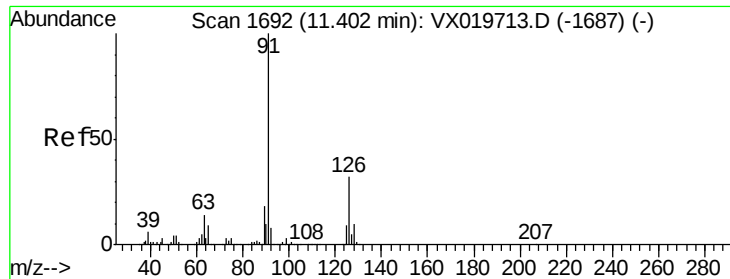
MMDadoda
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#78
n-propylbenzene
Concen: 51.930 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.5	34.5





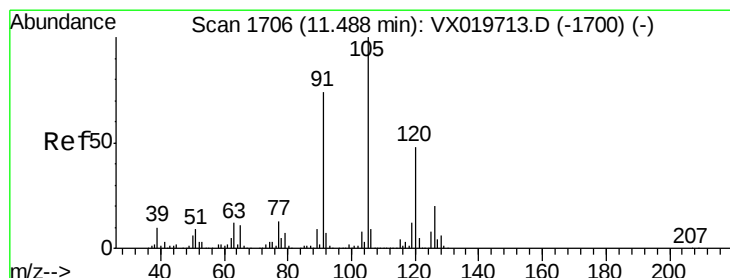
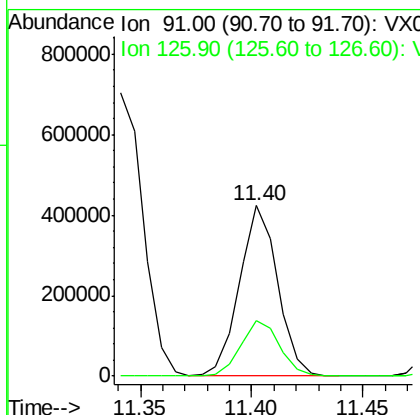
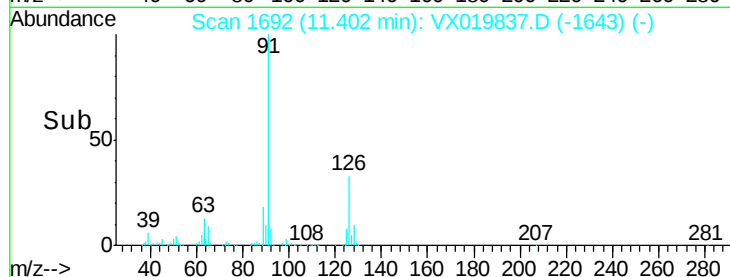
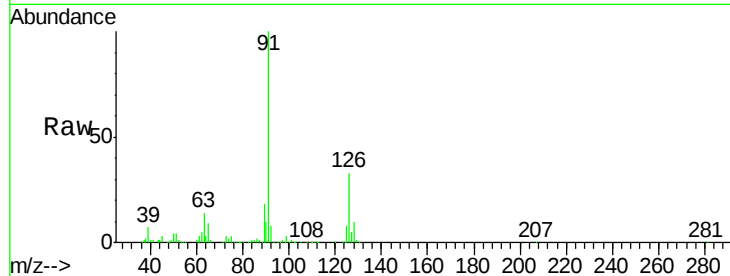
#79
 2-Chlorotoluene
 Concen: 50.416 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 505097
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8

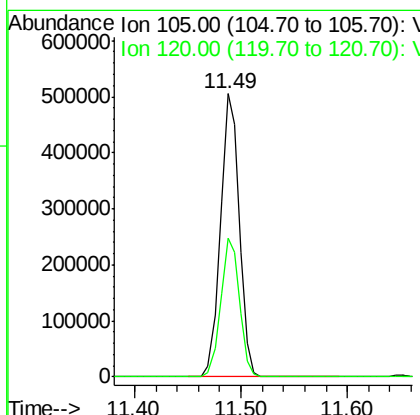
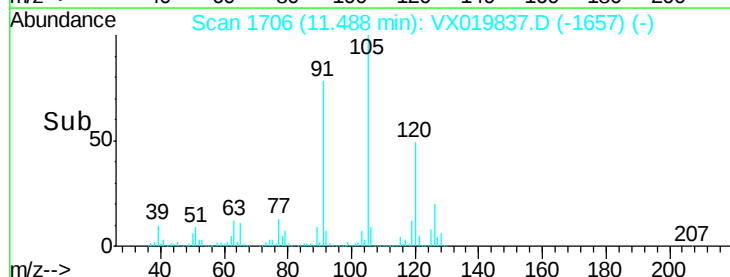
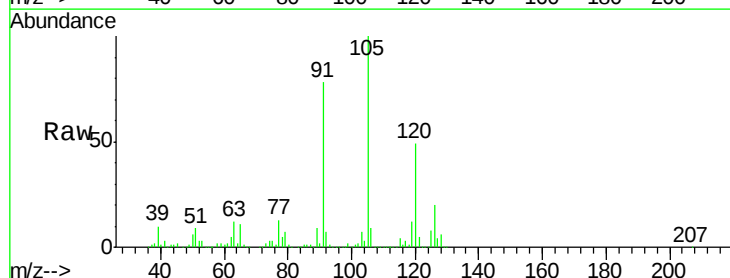
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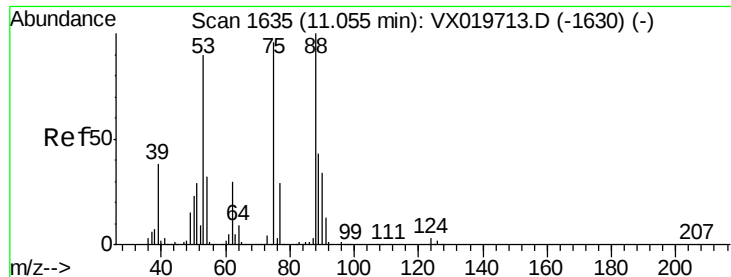
MMDadoda
 12/11/2020 5:36:28 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.633 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion: 105 Resp: 620707
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.8 71.5





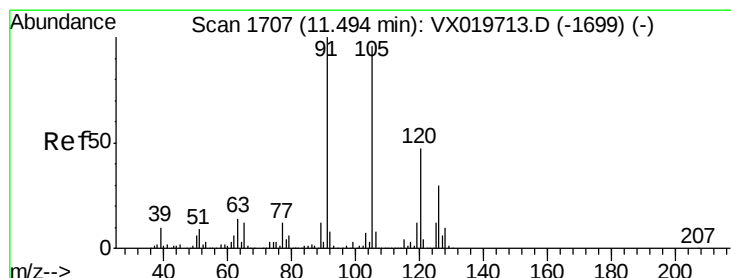
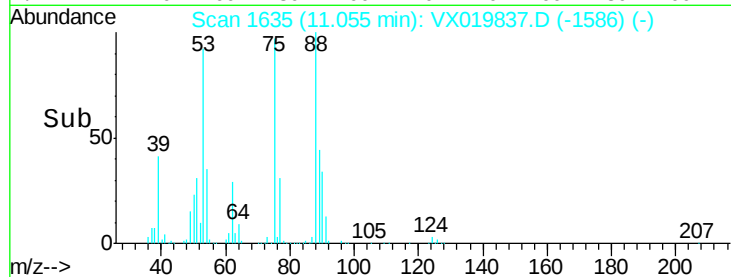
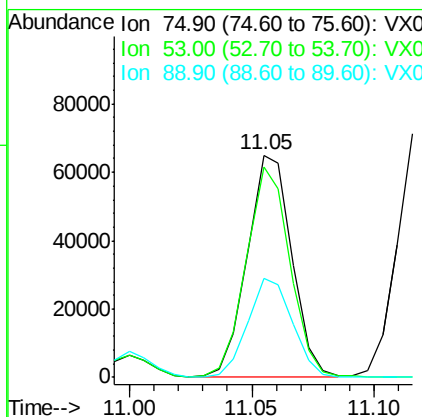
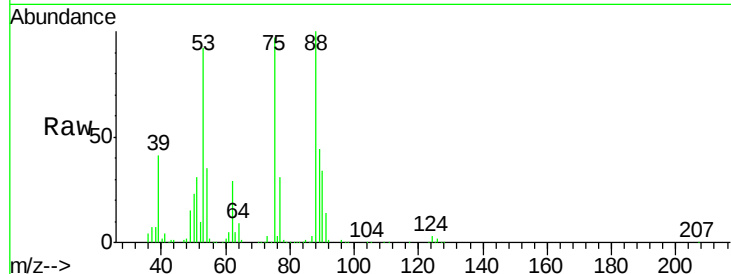
#81
trans-1,4-Dichloro-2-butene
Concen: 50.611 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.6	74.5	111.7
89	45.2	37.9	56.9

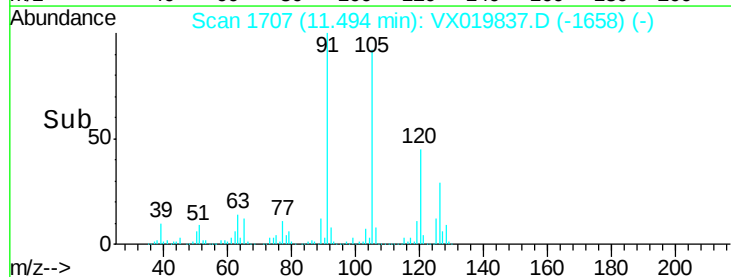
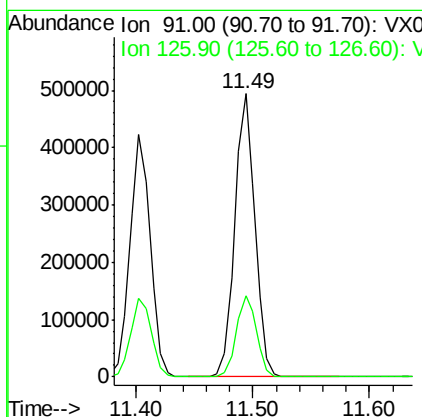
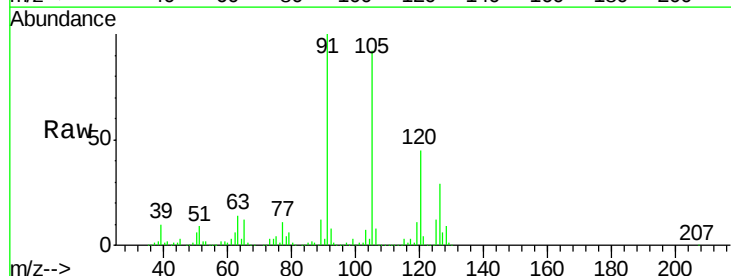
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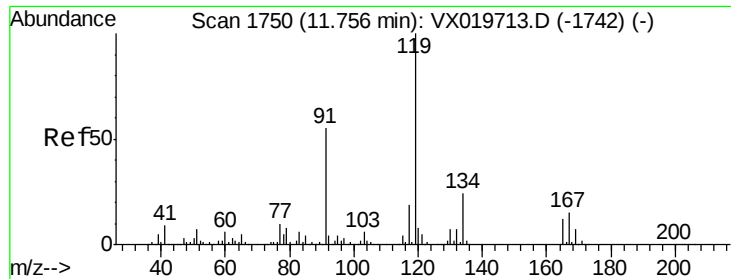
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#82
4-Chlorotoluene
Concen: 50.728 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.5





#83

tert-Butylbenzene

Concen: 51.797 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

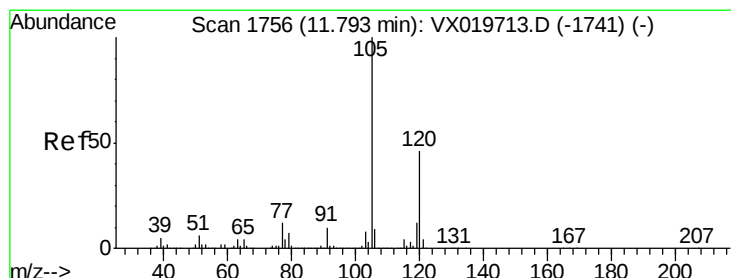
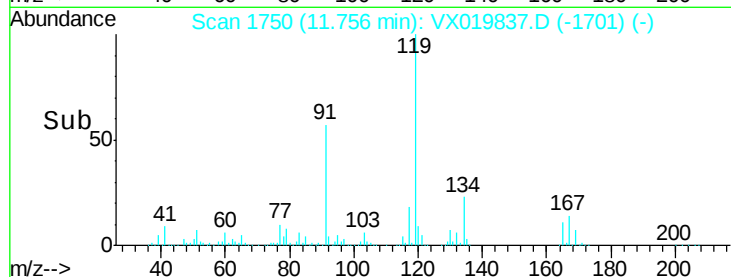
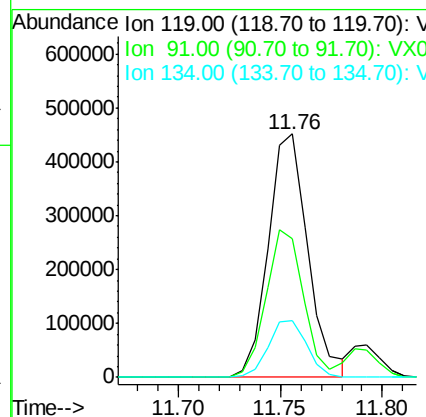
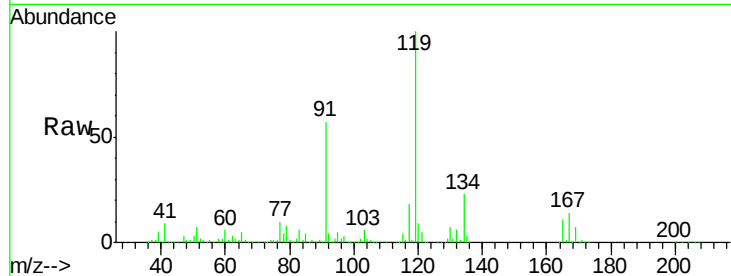
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	610697
Ion Ratio	Lower	Upper	
119	100		
91	57.4	27.9	83.7
134	23.0	11.3	33.9

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#84

1,2,4-Trimethylbenzene

Concen: 51.786 ug/l

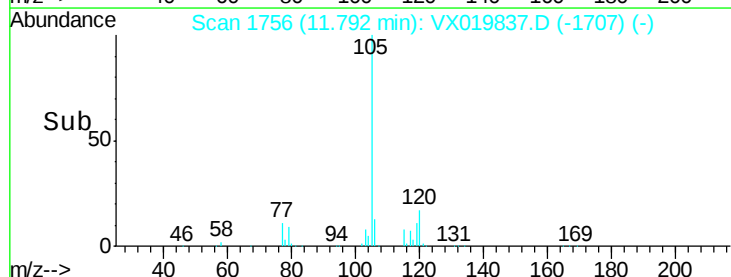
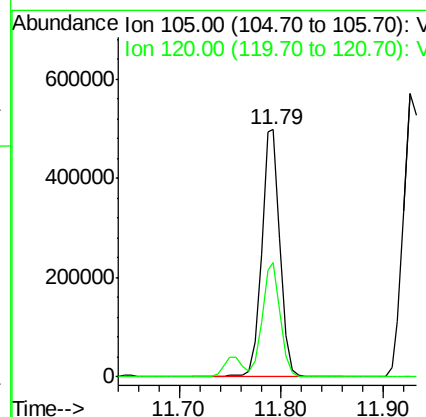
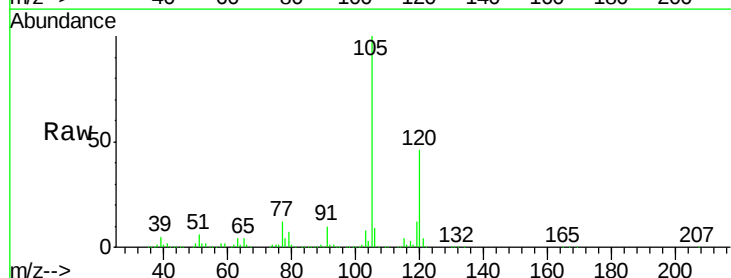
RT: 11.79 min Scan# 1756

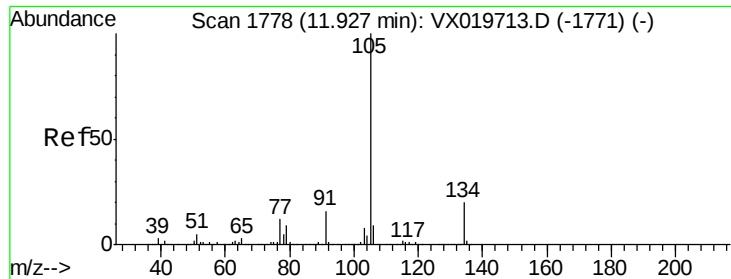
Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion:	105	Resp:	627103
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.4	67.3





#85

sec-Butylbenzene

Concen: 52.410 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 705496

Ion Ratio Lower Upper

105 100

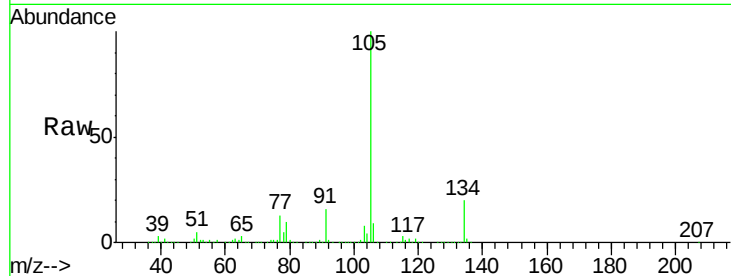
134 20.1 10.0 29.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

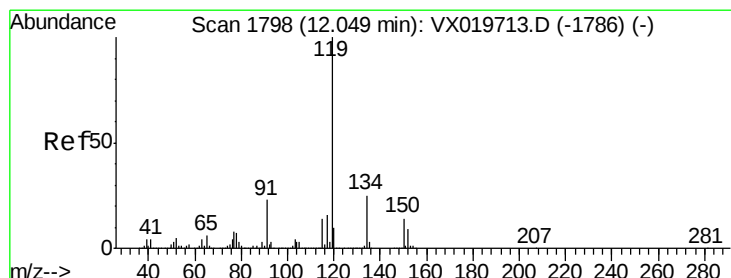
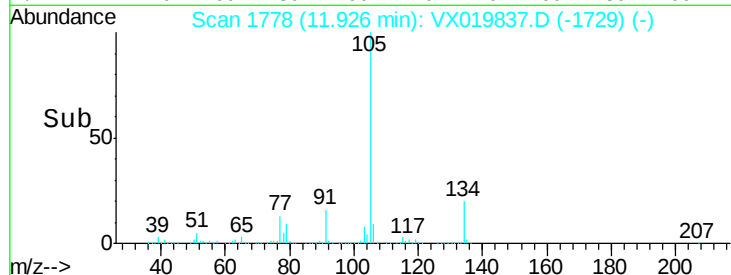
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 52.029 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

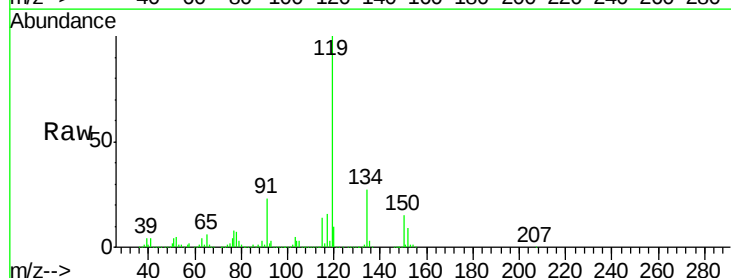
Tgt Ion:119 Resp: 641865

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

91 23.4 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

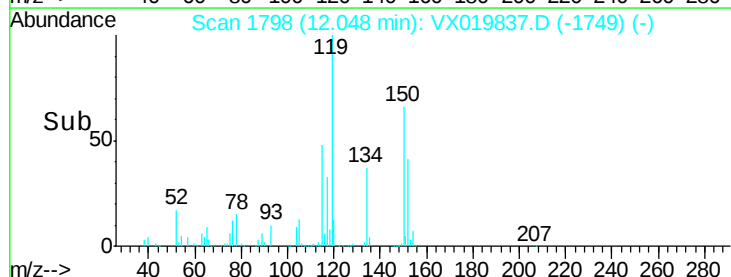
600000

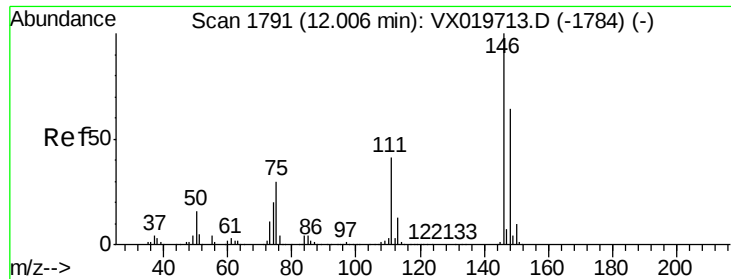
400000

200000

0

Time--> 12.00 12.10





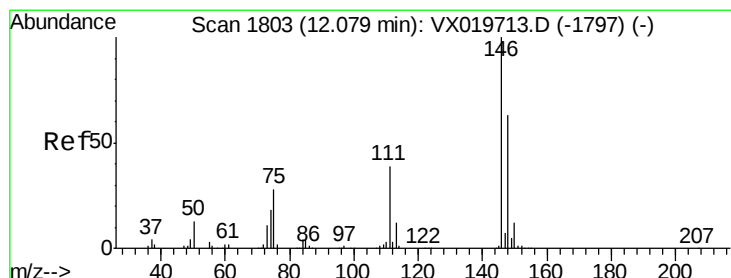
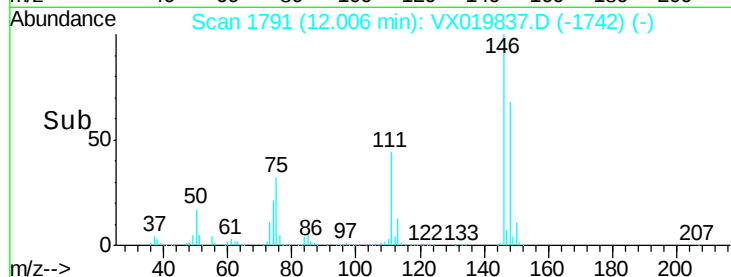
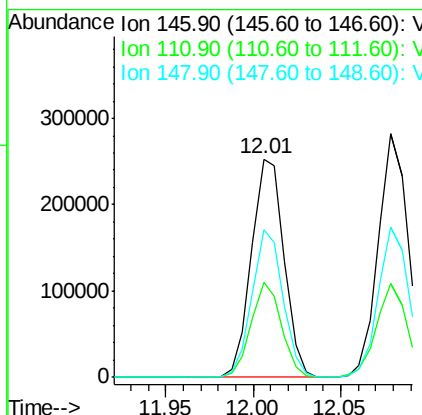
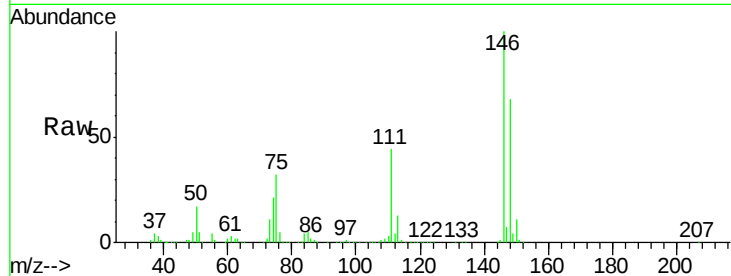
#87
 1,3-Dichlorobenzene
 Concen: 49.080 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	328359		
111	40.8		20.2	60.5
148	64.2		31.9	95.7

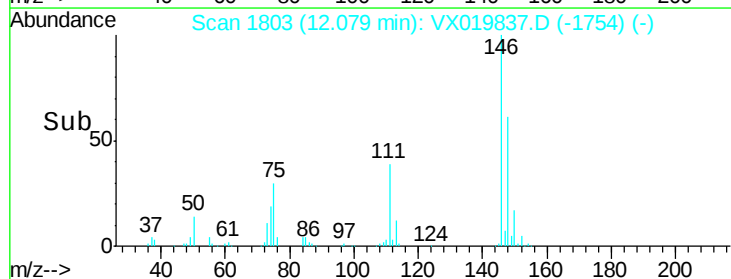
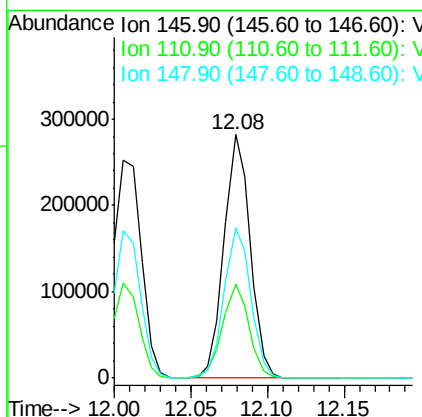
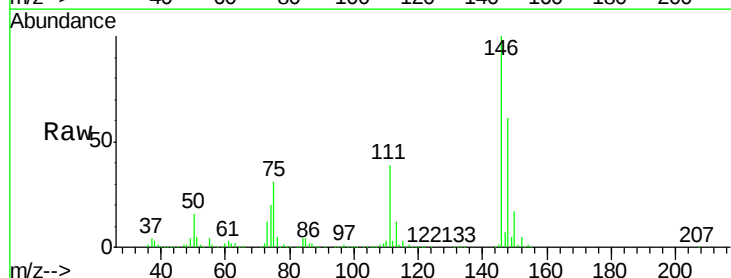
Manual Integrations
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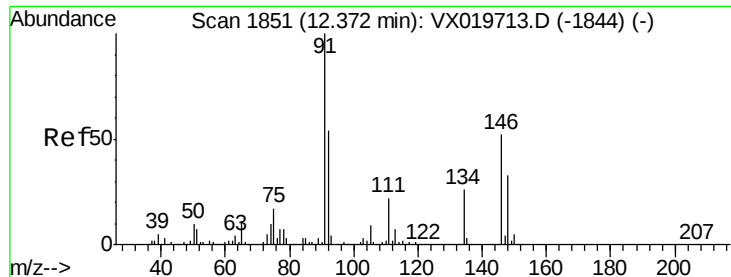
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#88
 1,4-Dichlorobenzene
 Concen: 49.201 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	335261		
111	39.1		19.6	58.8
148	62.7		31.6	95.0





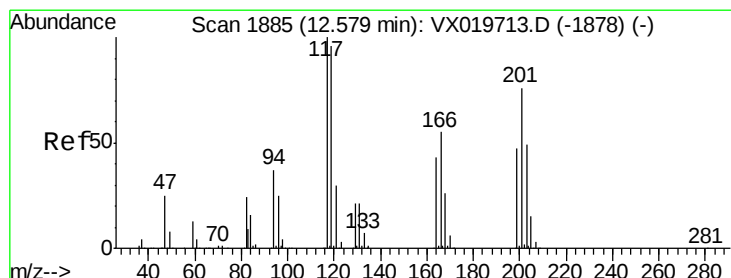
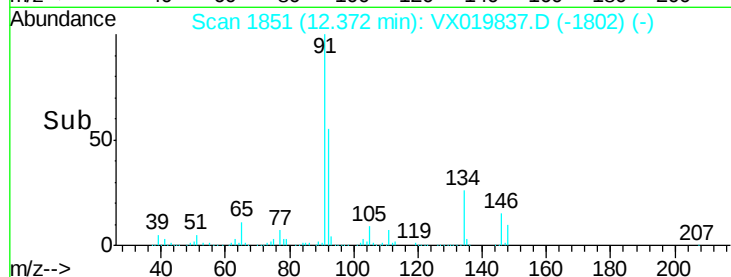
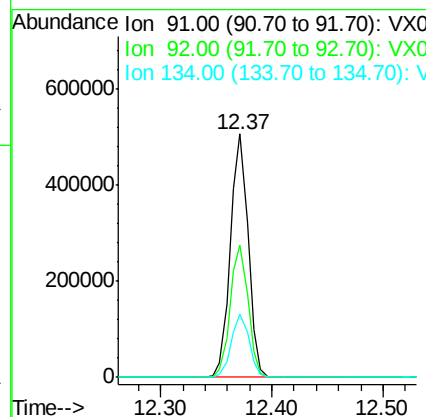
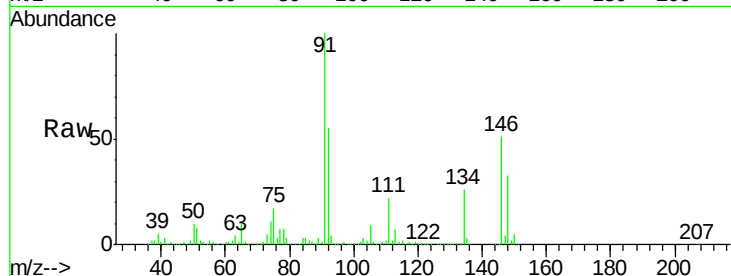
#89
n-Butylbenzene
Concen: 51.308 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.4	82.0
134	26.2	13.2	39.5

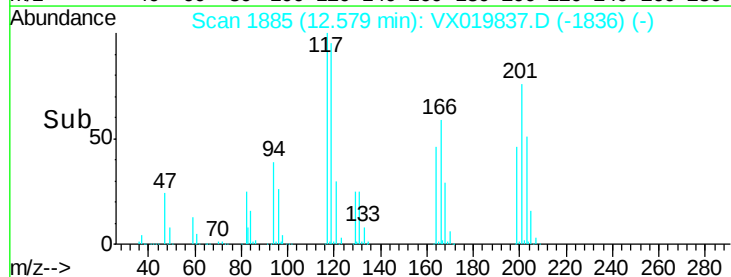
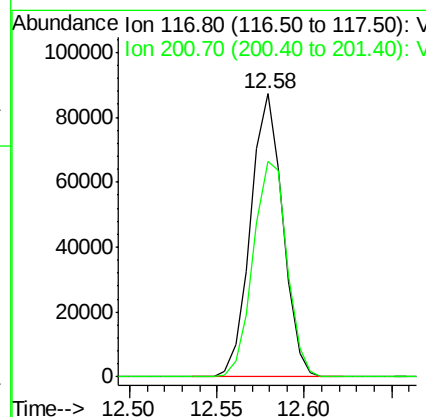
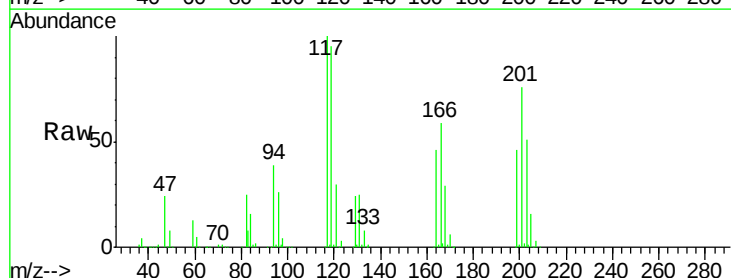
Manual Integrations
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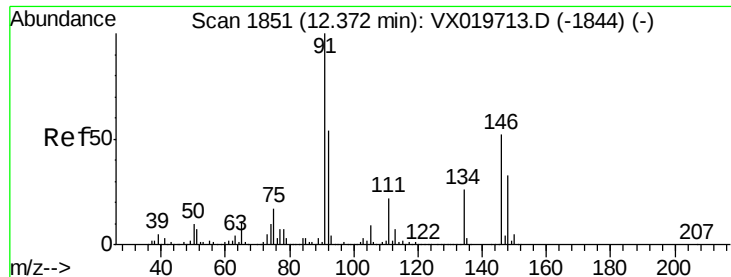
MMDadoda
12/11/2020 5:36:28 PM



#90
Hexachloroethane
Concen: 52.226 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	40.4	121.2





#91

1,2-Dichlorobenzene

Concen: 50.554 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

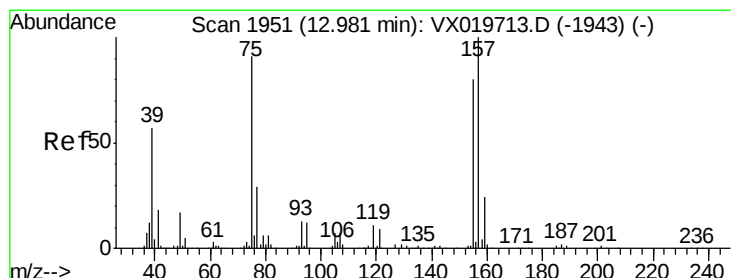
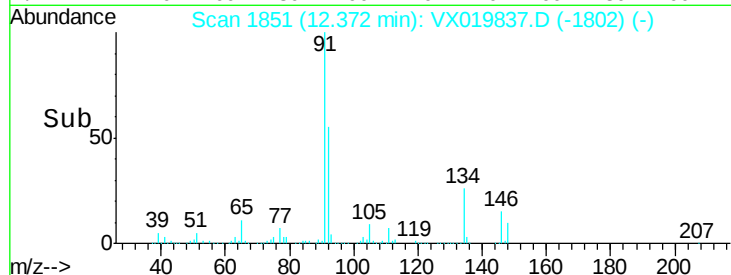
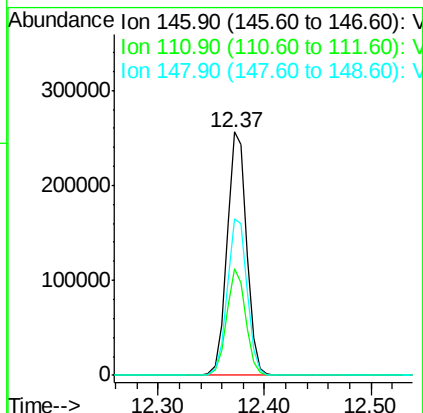
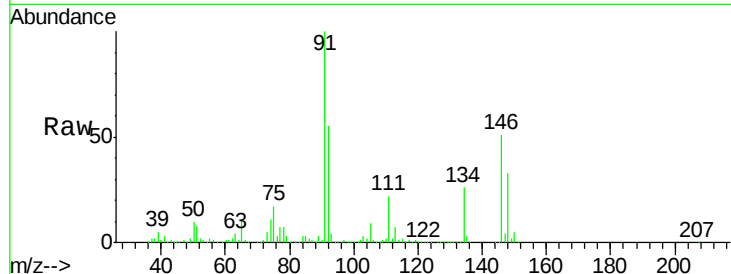
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	329704
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.8	62.2
148	65.3	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.545 ug/l

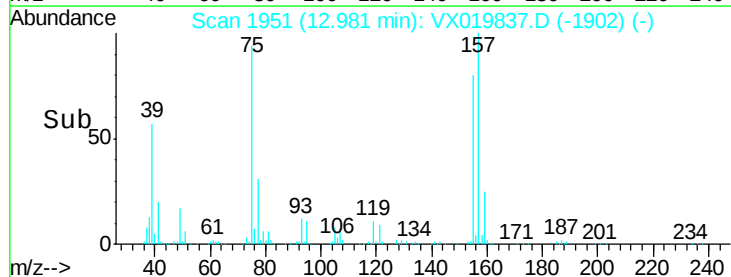
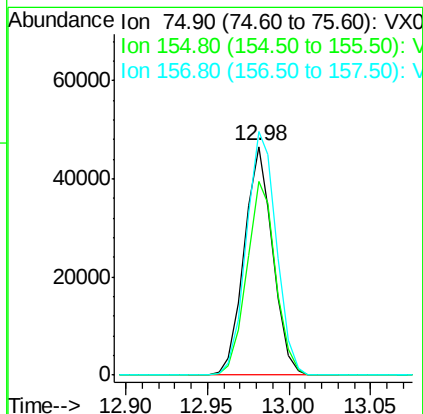
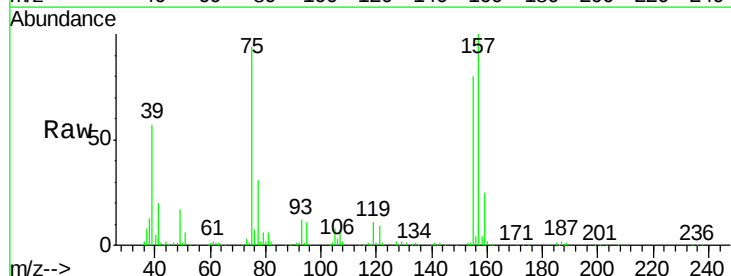
RT: 12.98 min Scan# 1951

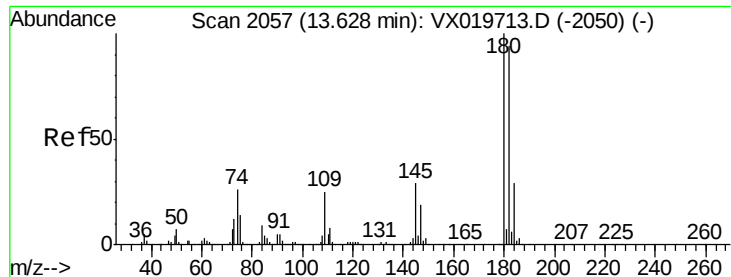
Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion:	75	Resp:	56726
Ion Ratio	Lower	Upper	
75	100		
155	86.1	45.3	135.9
157	112.5	57.7	173.1





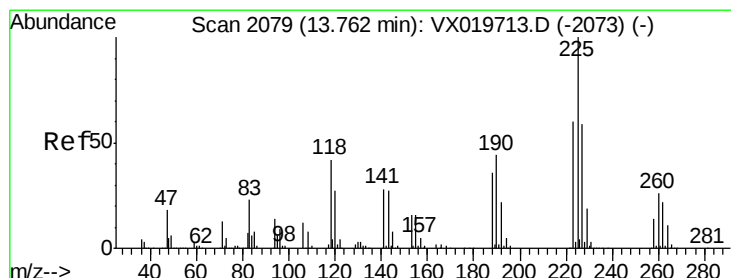
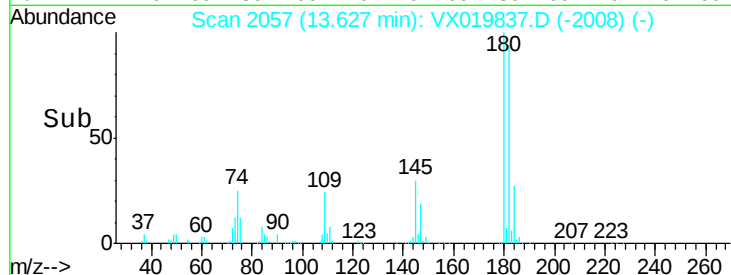
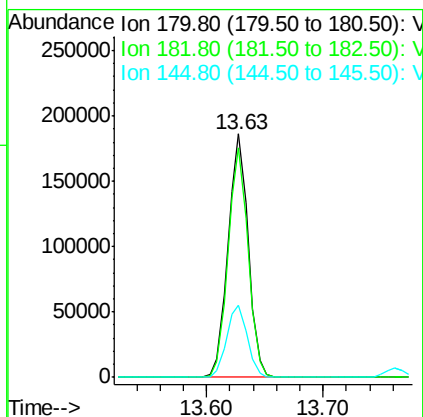
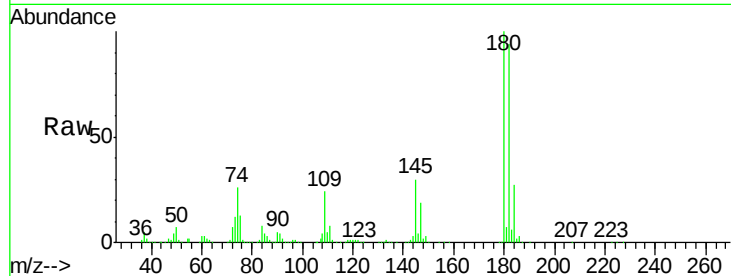
#93
1,2,4-Trichlorobenzene
Concen: 52.519 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222966		
182	93.8	47.7	143.1	
145	30.1	15.0	45.0	

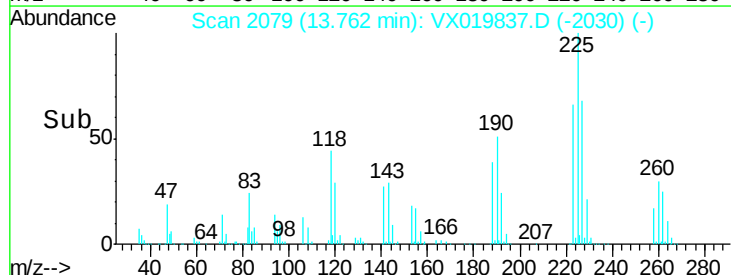
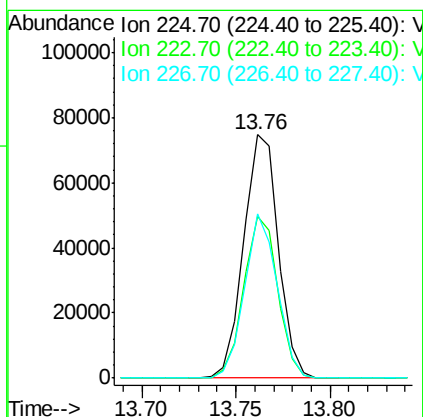
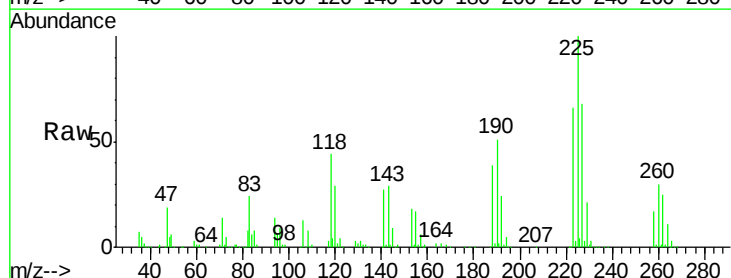
Manual Integrations
APPROVED

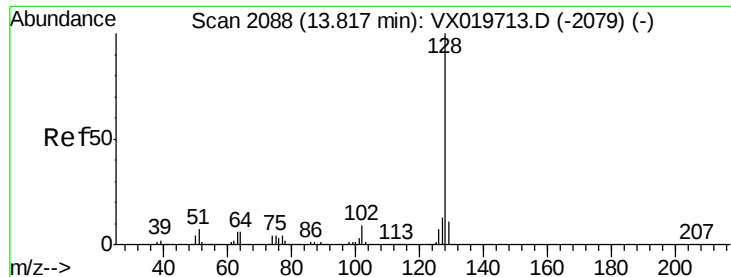
MMDadoda
12/11/2020 5:36:28 PM



#94
Hexachlorobutadiene
Concen: 50.195 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95246		
223	65.2	31.1	93.2	
227	63.8	31.6	95.0	





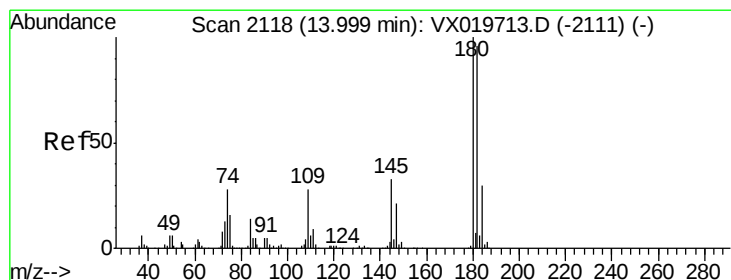
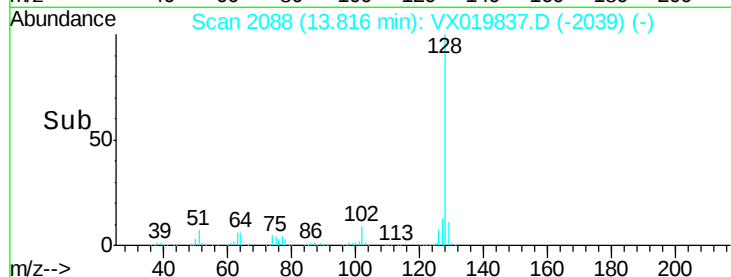
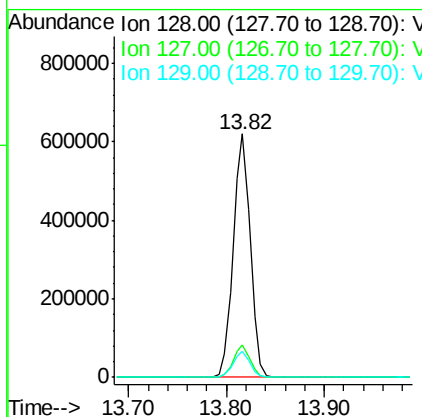
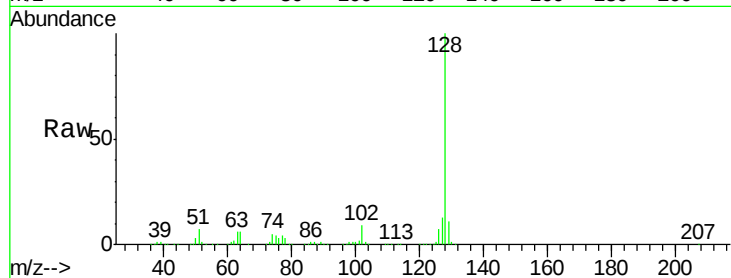
#95
Naphthalene
Concen: 54.217 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	746223		
127	12.9		10.3	15.5
129	10.6		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/11/2020 5:36:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.227 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	216691		
182	94.9		47.6	142.9
145	33.1		16.1	48.3

