

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082720\
 Data File : VX018105.D
 Acq On : 27 Aug 2020 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 2:59:52 PM

Quant Time: Aug 28 04:20:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	687972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1149212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1115610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	511241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	502401	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	5.47	113	399433	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.70	98	1487197	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.12	95	573737	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	415531	49.609	ug/l	99
3) Chloromethane	1.31	50	435978	49.370	ug/l	98
4) Vinyl Chloride	1.39	62	431416	49.076	ug/l	100
5) Bromomethane	1.62	94	214845	50.670	ug/l	97
6) Chloroethane	1.70	64	237336	50.267	ug/l	96
7) Trichlorofluoromethane	1.91	101	589976	49.219	ug/l	97
8) Diethyl Ether	2.17	74	201720	49.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	291007	44.906	ug/l	97
10) Methyl Iodide	2.49	142	369379	52.929	ug/l	98
11) Tert butyl alcohol	3.03	59	477649	257.212	ug/l	98
12) 1,1-Dichloroethene	2.35	96	297382	44.232	ug/l	96
13) Acrolein	2.28	56	178198	231.425	ug/l	98
14) Allyl chloride	2.71	41	638133	52.830	ug/l	99
15) Acrylonitrile	3.12	53	1134591	269.343	ug/l	100
16) Acetone	2.42	43	975192	262.037	ug/l	97
17) Carbon Disulfide	2.55	76	960911	47.279	ug/l	100
18) Methyl Acetate	2.75	43	519636	57.862	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1194506	51.806	ug/l	96
20) Methylene Chloride	2.83	84	404323	53.209	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	363558	48.808	ug/l	98
22) Diisopropyl ether	3.83	45	1257695	52.755	ug/l	99
23) Vinyl Acetate	3.79	43	5694485	268.438	ug/l	100
24) 1,1-Dichloroethane	3.67	63	695956	51.282	ug/l	99
25) 2-Butanone	4.64	43	1638639	267.915	ug/l	100
26) 2,2-Dichloropropane	4.55	77	476807	43.181	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	432511	50.396	ug/l	97
28) Bromochloromethane	4.98	49	340408	51.965	ug/l	99
29) Tetrahydrofuran	5.09	42	1060295	272.324	ug/l	100
30) Chloroform	5.18	83	710623	50.570	ug/l	97
31) Cyclohexane	5.55	56	574448	50.251	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	643905	49.932	ug/l	99
36) 1,1-Dichloropropene	5.77	75	524977	49.527	ug/l	99
37) Ethyl Acetate	4.80	43	627507	50.971	ug/l	99
38) Carbon Tetrachloride	5.76	117	578384	48.419	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	530197	45.744	ug/l	97
40) Benzene	6.12	78	1550659	49.787	ug/l	99
41) Methacrylonitrile	5.01	41	350131	51.798	ug/l	99
42) 1,2-Dichloroethane	6.17	62	598867	50.185	ug/l	98
43) Isopropyl Acetate	6.42	43	1039239	52.264	ug/l	100
44) Trichloroethene	7.19	130	426699	48.485	ug/l	96
45) 1,2-Dichloropropane	7.49	63	420813	50.130	ug/l	98
46) Dibromomethane	7.64	93	292912	49.620	ug/l	97
47) Bromodichloromethane	7.88	83	593767	50.376	ug/l	99
48) Methyl methacrylate	7.75	41	524286	52.965	ug/l	98
49) 1,4-Dioxane	7.71	88	178900	997.740	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3307017	269.240	ug/l	100
52) Toluene	8.77	92	984658	49.857	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	660744	50.581	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	682978	49.354	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	421553	50.047	ug/l	97
56) Ethyl methacrylate	9.16	69	665221	53.125	ug/l	99
57) 1,3-Dichloropropane	9.35	76	705073	50.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1443723	256.302	ug/l	100
59) 2-Hexanone	9.48	43	2577458	275.969	ug/l	100
60) Dibromochloromethane	9.57	129	499858	50.588	ug/l	99
61) 1,2-Dibromoethane	9.66	107	458188	50.104	ug/l	100
64) Tetrachloroethene	9.32	164	395516	48.244	ug/l	95
65) Chlorobenzene	10.12	112	1106300	49.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	428051	48.743	ug/l	96
67) Ethyl Benzene	10.24	91	1931686	50.980	ug/l	100
68) m/p-Xylenes	10.34	106	1435440	101.496	ug/l	100
69) o-Xylene	10.68	106	689963	50.326	ug/l	99
70) Styrene	10.69	104	1208470	51.760	ug/l	100
71) Bromoform	10.84	173	372954	49.790	ug/l	100
73) Isopropylbenzene	11.01	105	1796634	53.278	ug/l	99
74) N-amyl acetate	10.88	43	935546	58.472	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	601724	50.582	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	576009m	50.648	ug/l	
77) Bromobenzene	11.24	156	468398	50.249	ug/l	97
78) n-propylbenzene	11.35	91	2024963	52.885	ug/l	99
79) 2-Chlorotoluene	11.41	91	1243305	52.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1474791	53.220	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	224184	53.240	ug/l	99
82) 4-Chlorotoluene	11.49	91	1455968	51.772	ug/l	99
83) tert-Butylbenzene	11.76	119	1366674	49.975	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1486552	52.470	ug/l	100
85) sec-Butylbenzene	11.93	105	1584349	50.945	ug/l	99
86) p-Isopropyltoluene	12.05	119	1435544	50.253	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	801853	48.995	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	793062	48.397	ug/l	98
89) n-Butylbenzene	12.37	91	1246489	47.807	ug/l	100
90) Hexachloroethane	12.58	117	275586	49.034	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	761170	49.409	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	157887	53.081	ug/l	96

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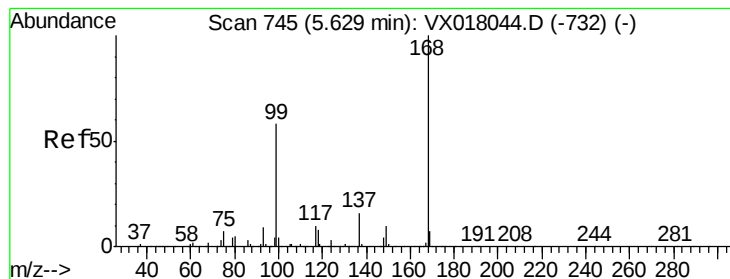
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	480413	46.765	ug/l	99
94) Hexachlorobutadiene	13.77	225	152471	37.629	ug/l	96
95) Naphthalene	13.82	128	1816336	53.725	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	476178	46.911	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. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 687972

Ion Ratio Lower Upper

168 100

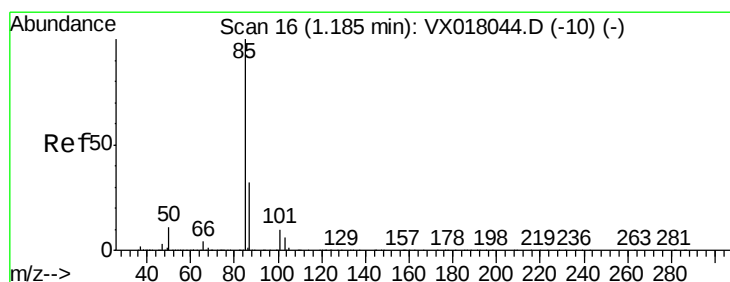
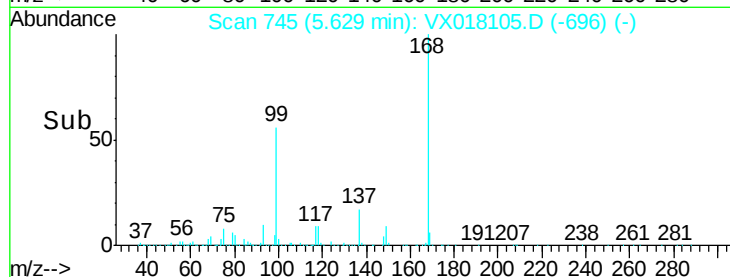
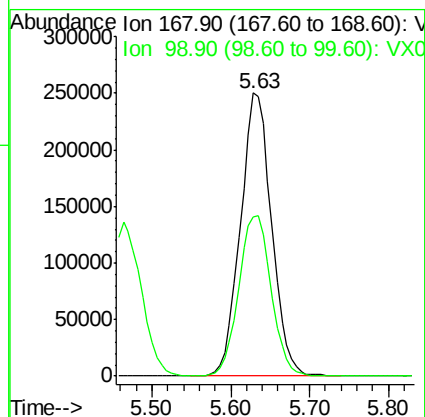
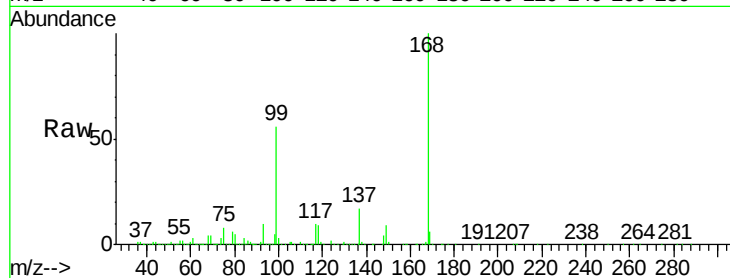
99 55.8 46.3 69.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.609 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018105.D

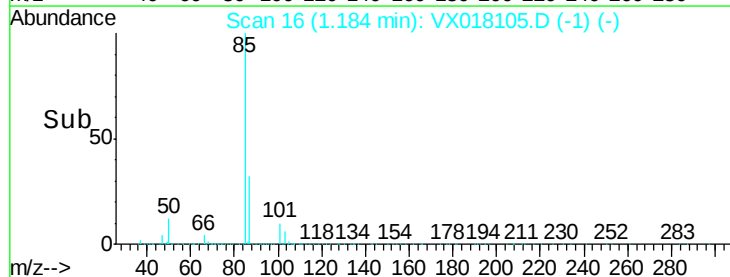
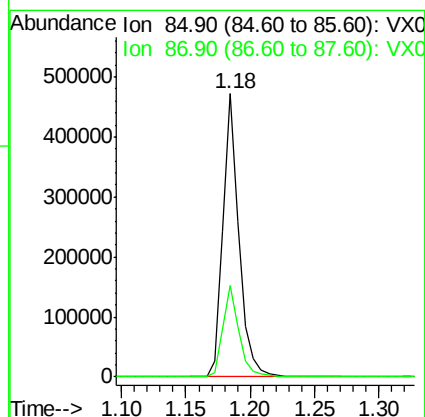
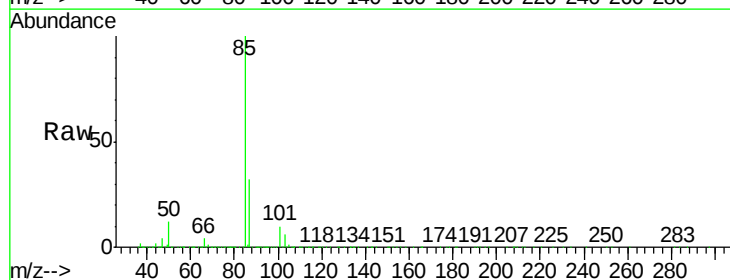
Acq: 27 Aug 2020 20:31

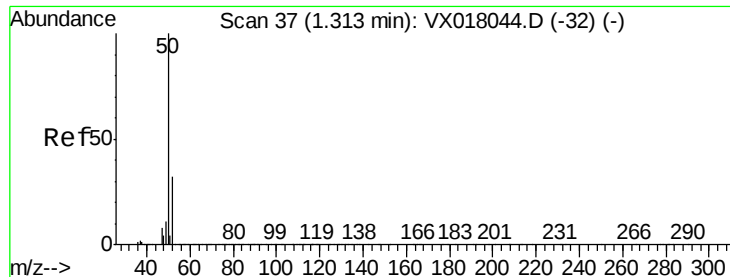
Tgt Ion: 85 Resp: 415531

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2





#3

Chloromethane

Concen: 49.370 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 435978

Ion Ratio Lower Upper

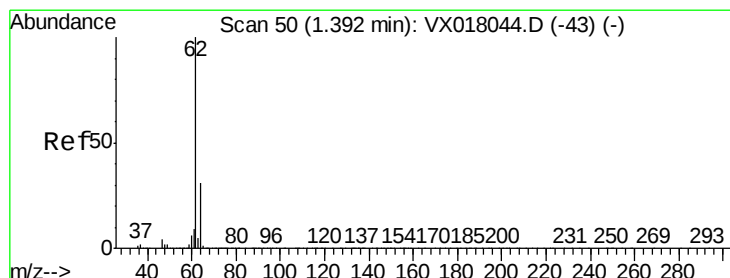
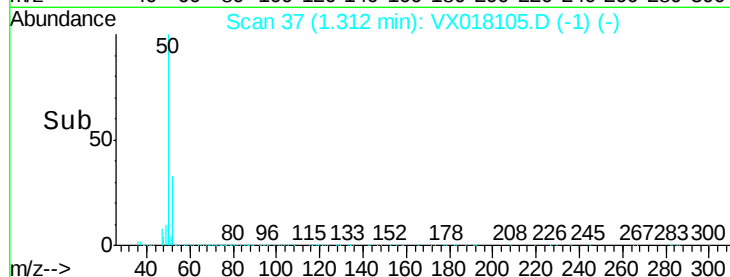
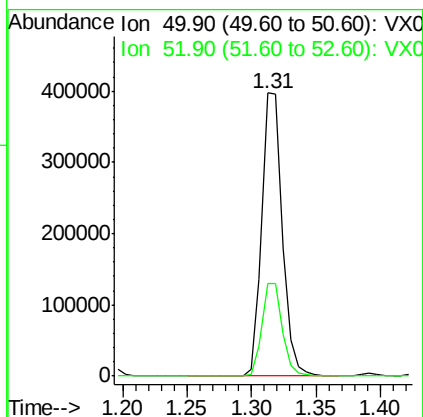
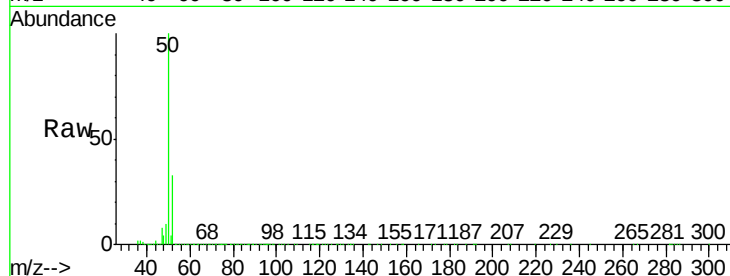
50 100

52 32.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 49.076 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018105.D

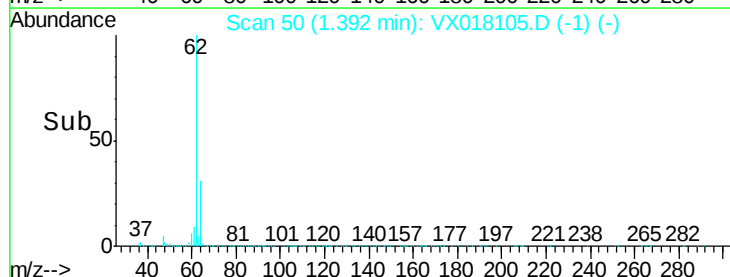
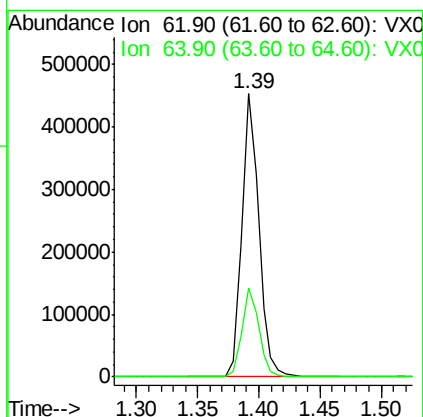
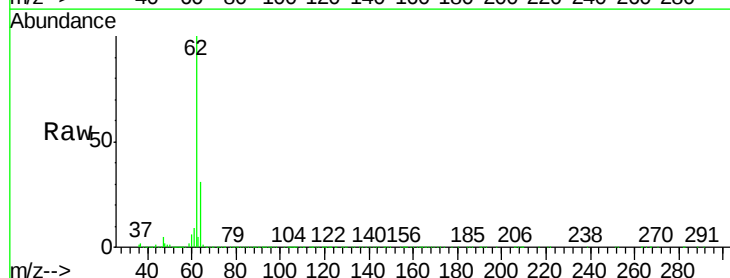
Acq: 27 Aug 2020 20:31

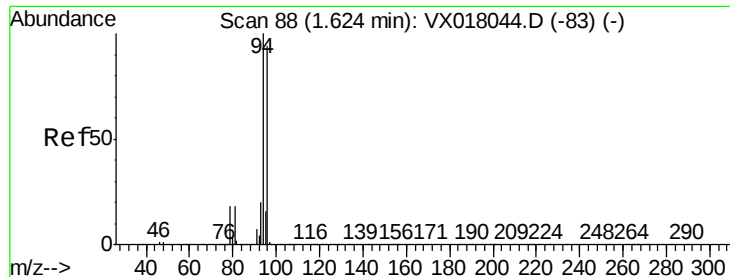
Tgt Ion: 62 Resp: 431416

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 50.670 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 214845

Ion Ratio Lower Upper

94 100

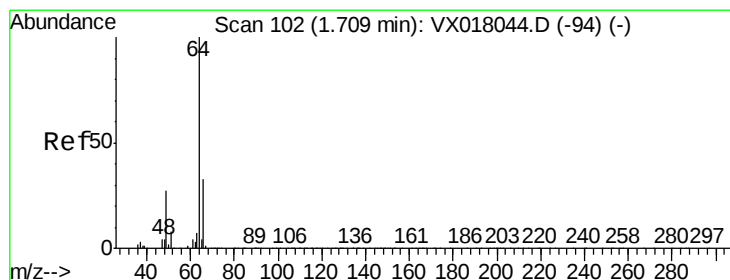
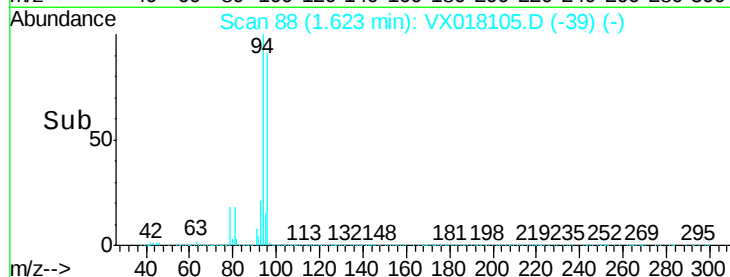
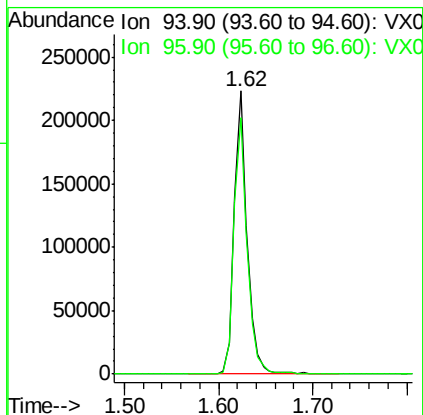
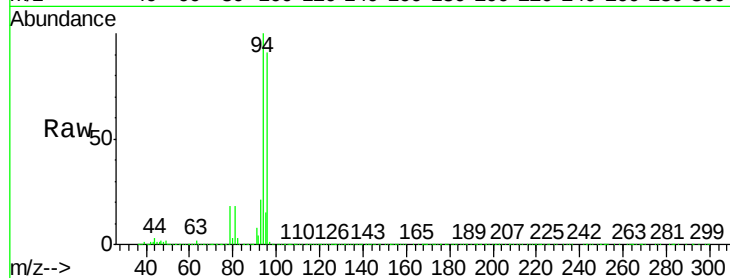
96 90.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 50.267 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018105.D

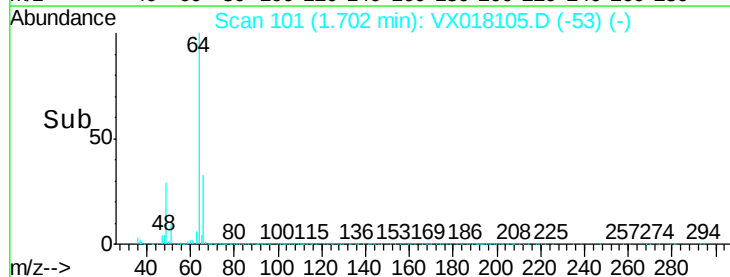
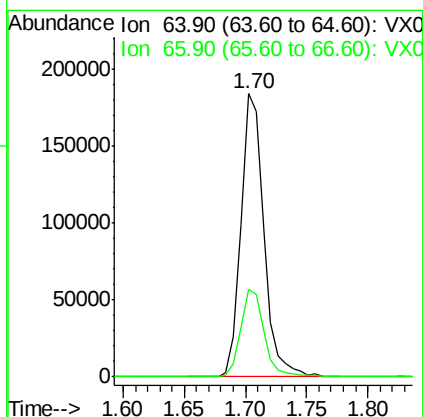
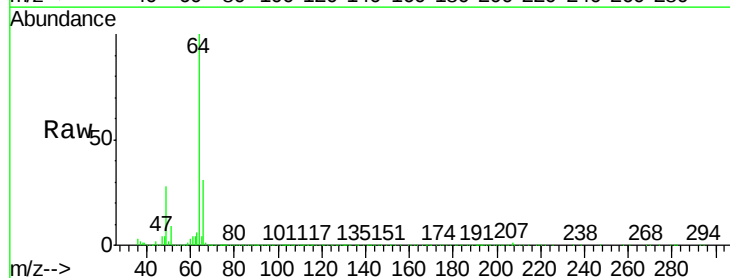
Acq: 27 Aug 2020 20:31

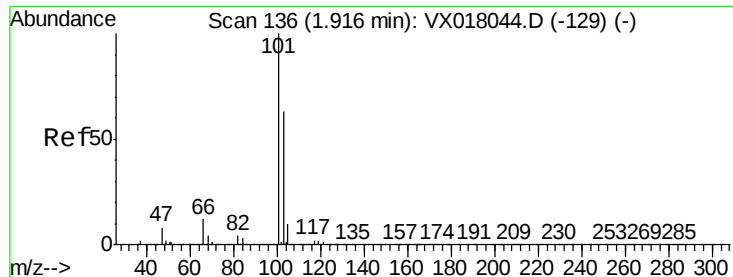
Tgt Ion: 64 Resp: 237336

Ion Ratio Lower Upper

64 100

66 31.0 26.6 39.8





#7

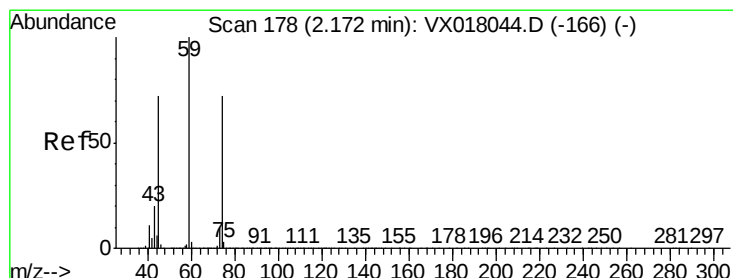
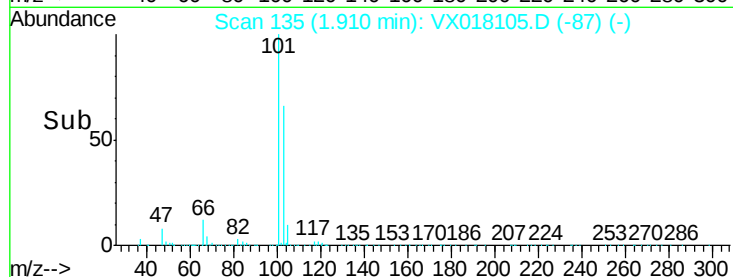
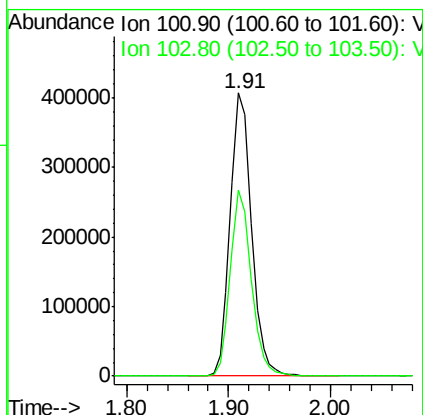
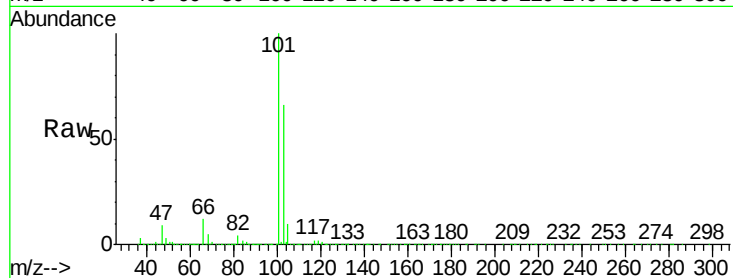
Trichlorofluoromethane
Concen: 49.219 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.7	76.1

Manual Integrations
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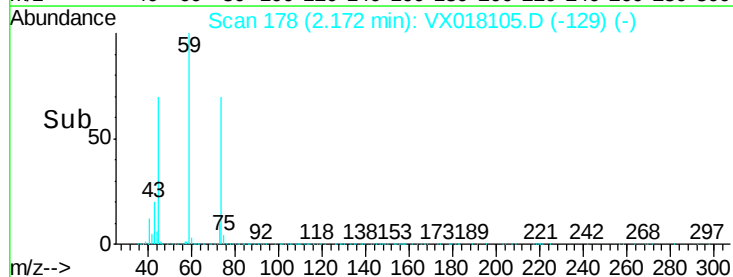
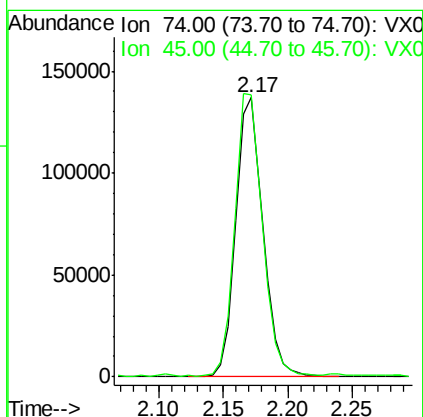
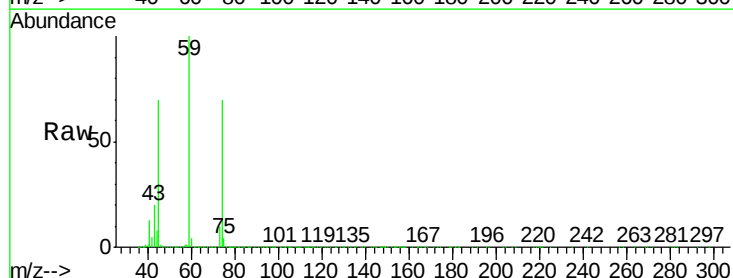
MMDadoda
8/28/2020 2:59:52 PM

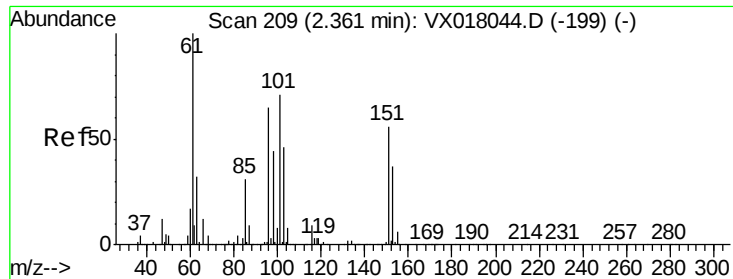


#8

Diethyl Ether
Concen: 49.623 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.906 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018105.D

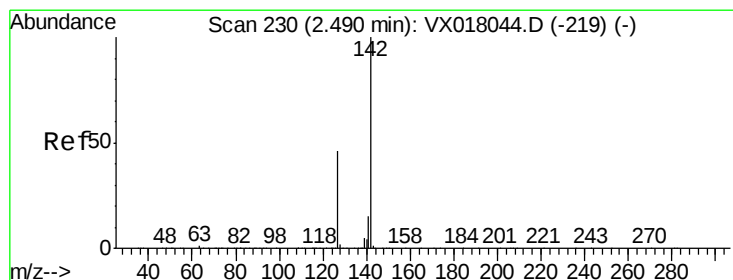
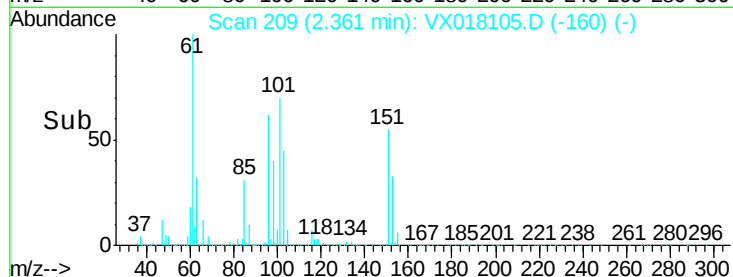
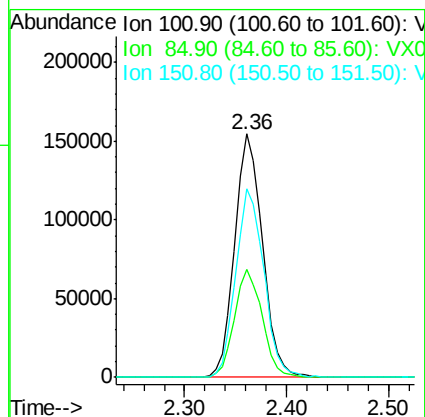
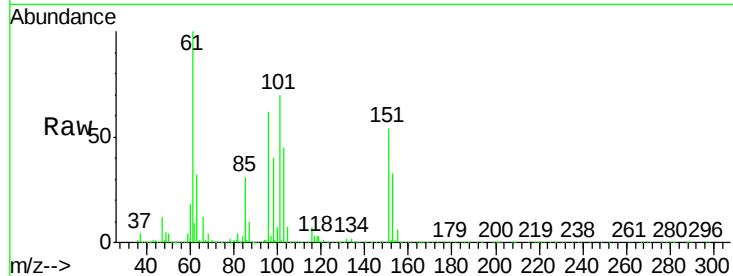
Acq: 27 Aug 2020 20:31

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	291007		
85	44.4	34.0	51.0	
151	78.3	65.2	97.8	

Manual Integrations
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#10

Methyl Iodide

Concen: 52.929 ug/l

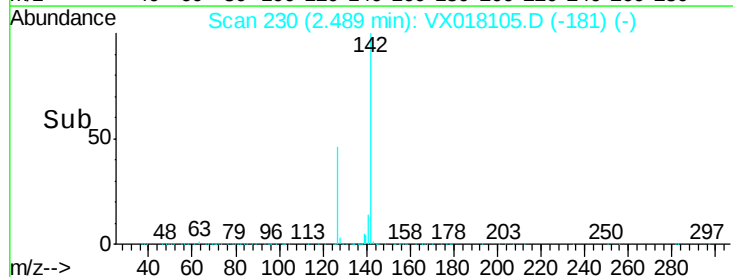
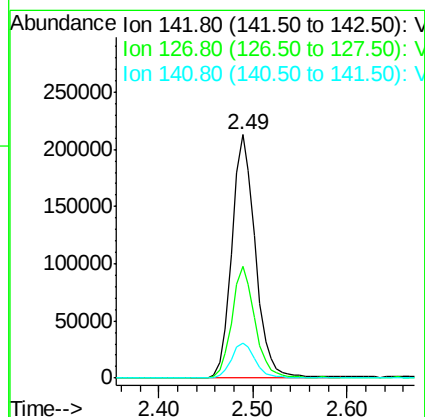
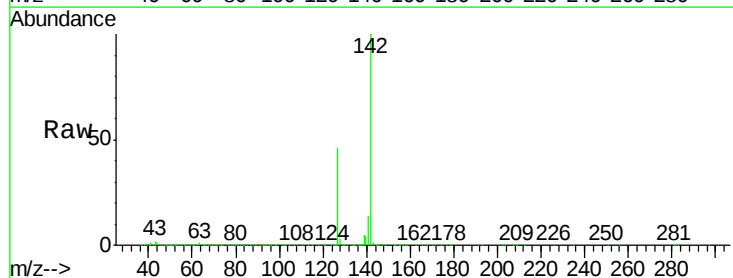
RT: 2.49 min Scan# 230

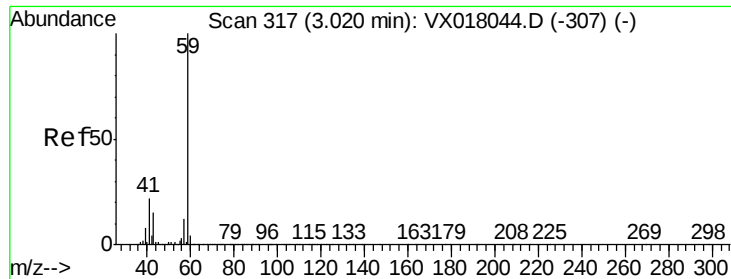
Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	369379		
127	45.0	37.0	55.6	
141	14.7	11.5	17.3	





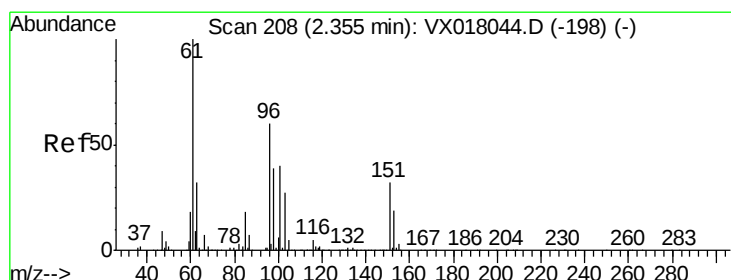
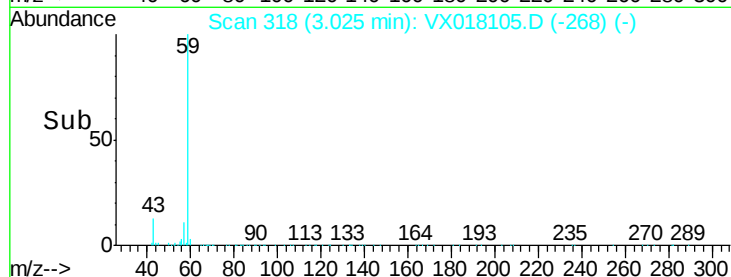
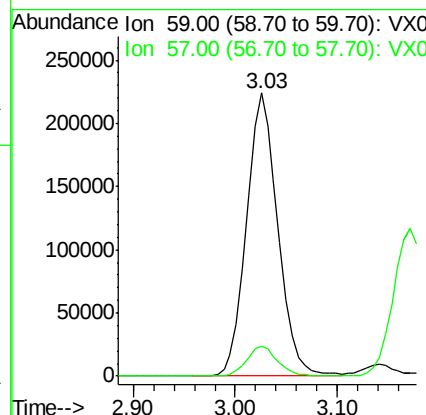
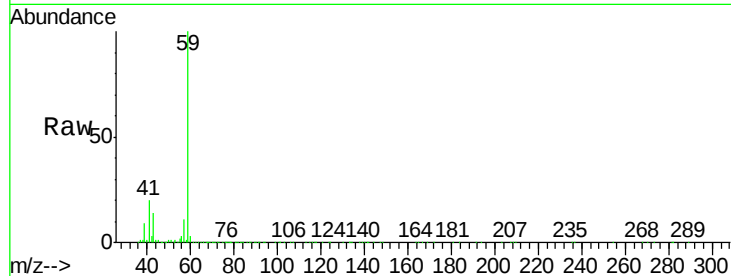
#11
Tert butyl alcohol
Concen: 257.212 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 477649
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

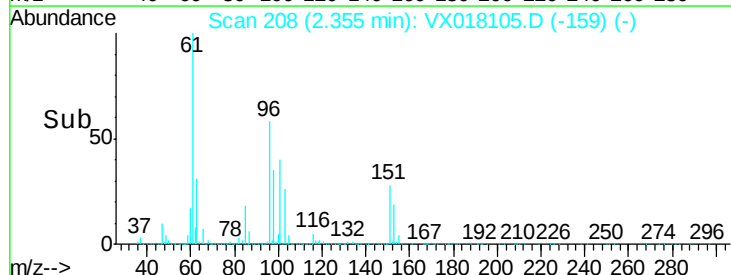
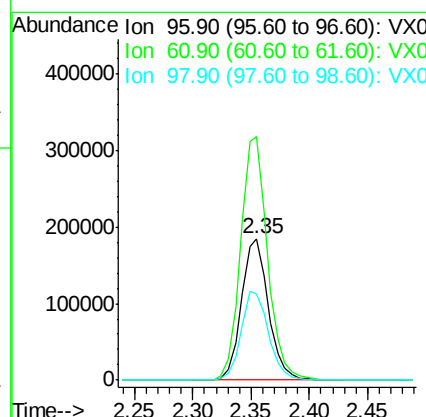
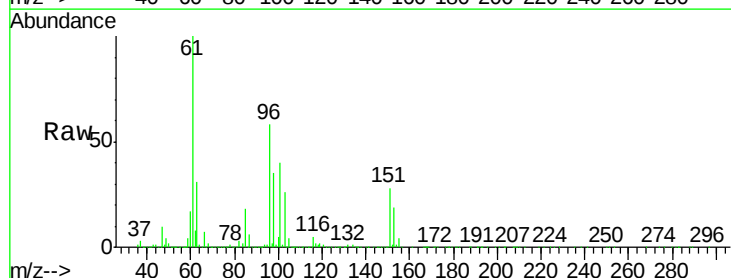
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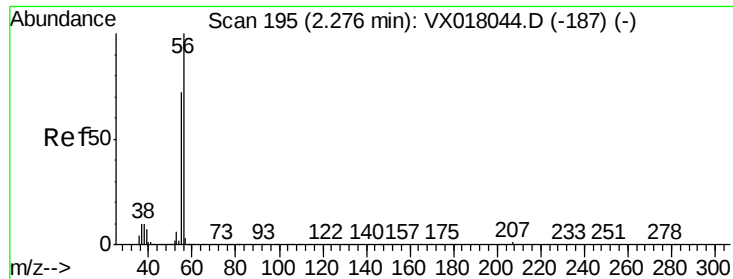
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#12
1,1-Dichloroethene
Concen: 44.232 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 96 Resp: 297382
Ion Ratio Lower Upper
96 100
61 171.8 133.0 199.4
98 60.9 51.6 77.4





#13

Acrolein

Concen: 231.425 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 178198

Ion Ratio Lower Upper

56 100

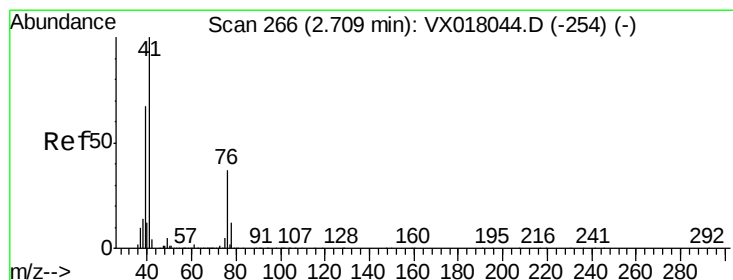
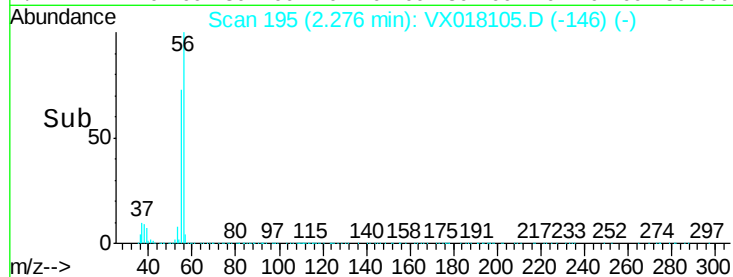
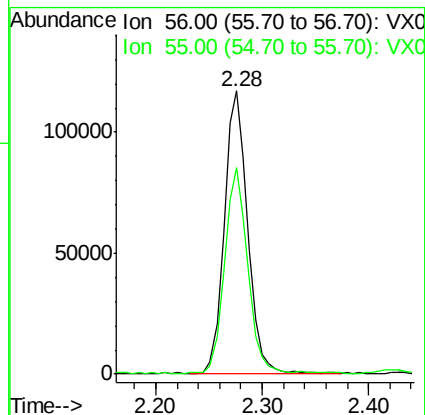
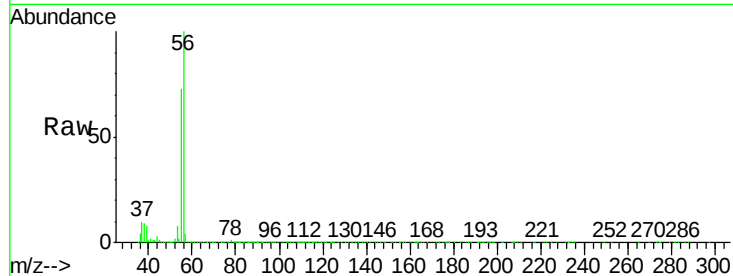
55 72.9 57.0 85.6

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#14

Allyl chloride

Concen: 52.830 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

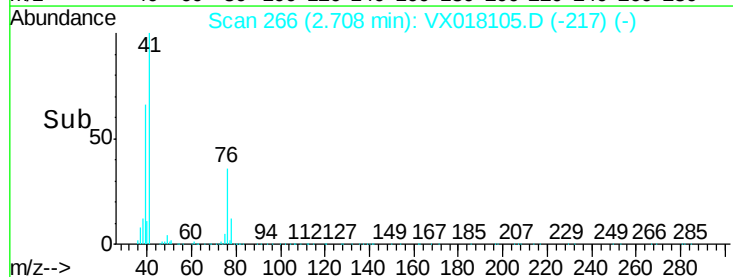
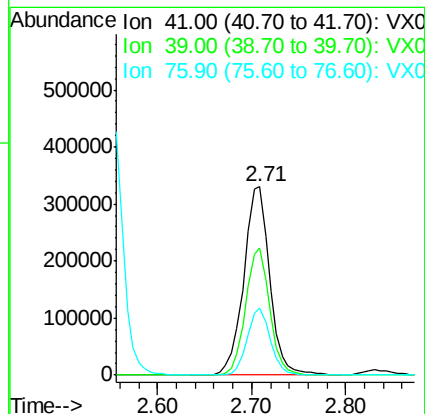
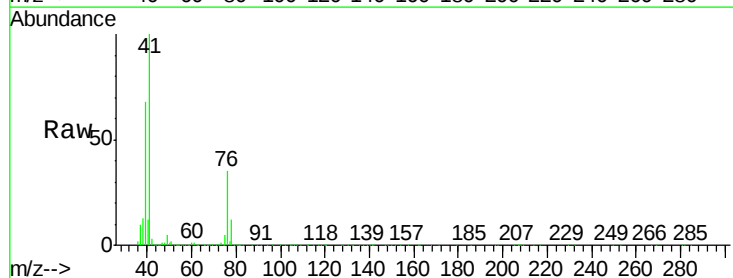
Tgt Ion: 41 Resp: 638133

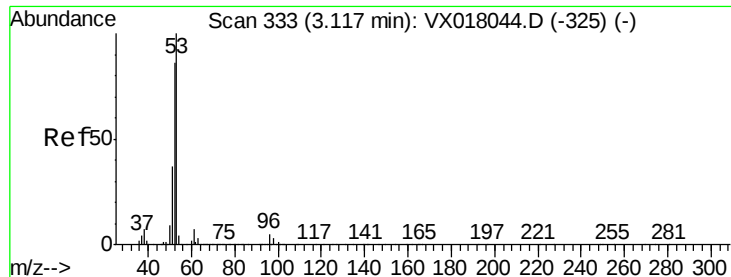
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 31.6 26.2 39.2





#15

Acrylonitrile

Concen: 269.343 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

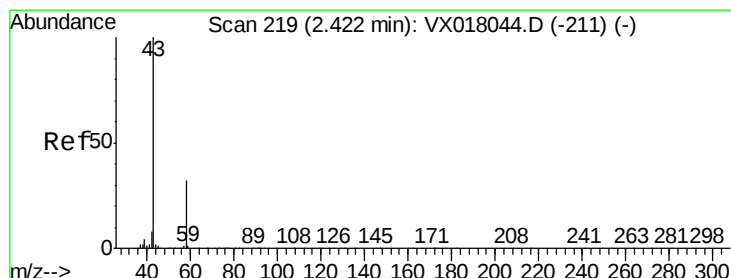
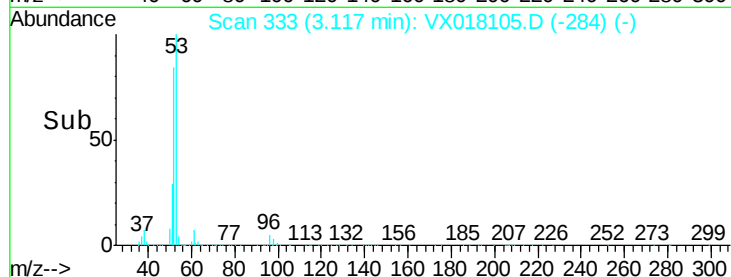
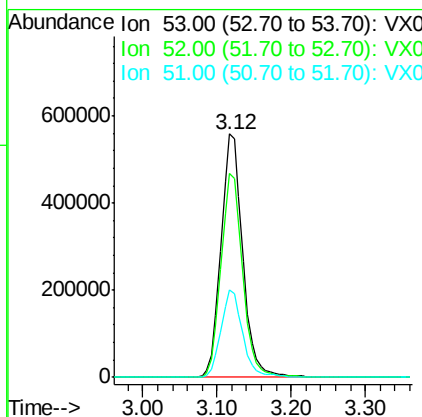
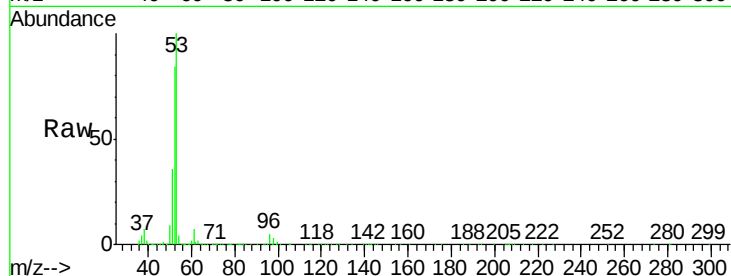
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	1134591
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.9	100.3
51	35.7	28.7	43.1

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#16

Acetone

Concen: 262.037 ug/l

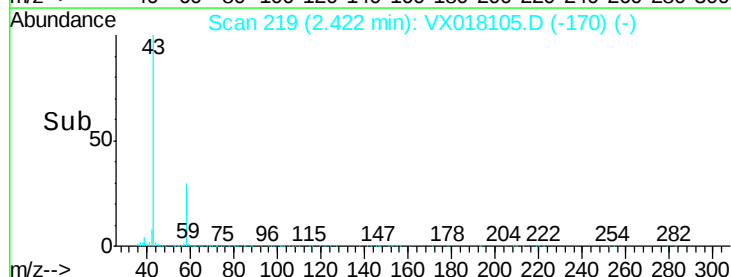
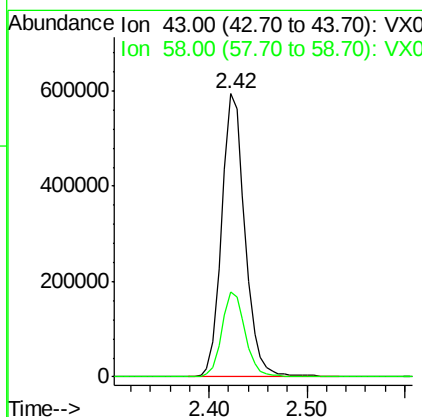
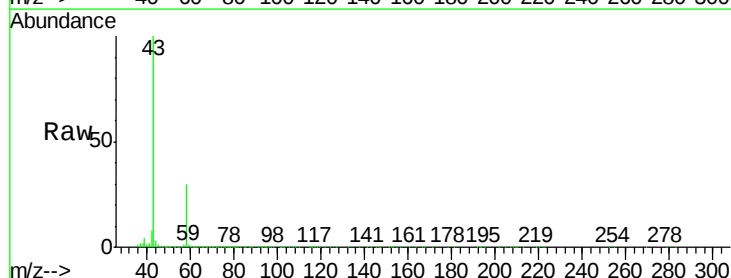
RT: 2.42 min Scan# 219

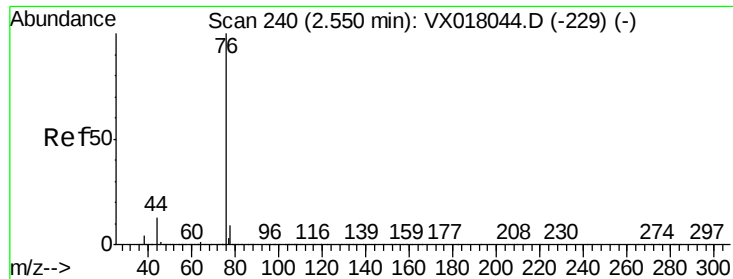
Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion:	43	Resp:	975192
Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.5	38.3





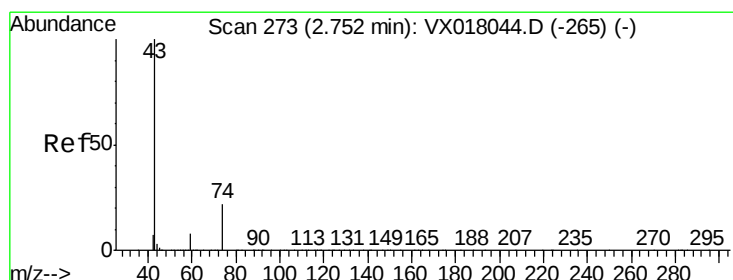
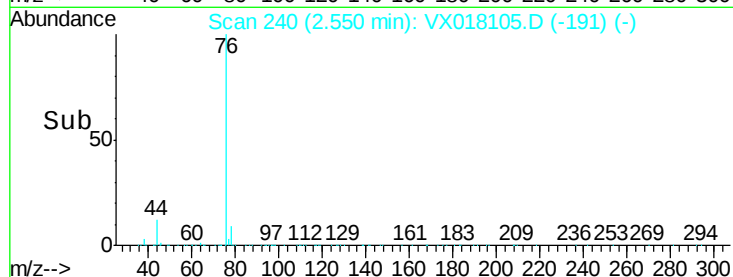
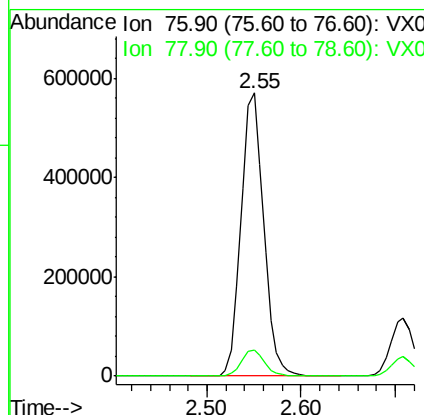
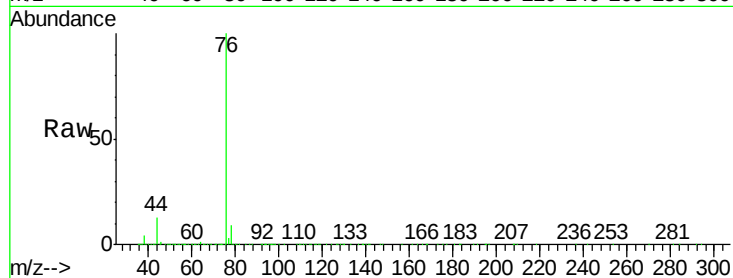
#17
Carbon Disulfide
Concen: 47.279 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

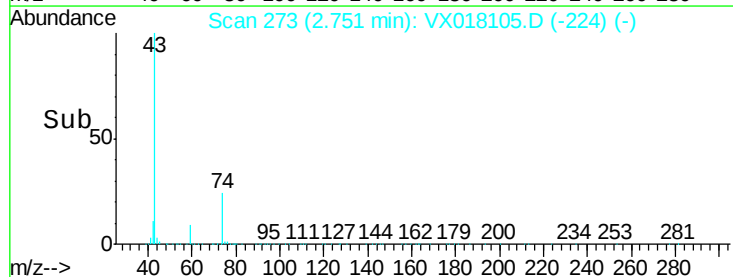
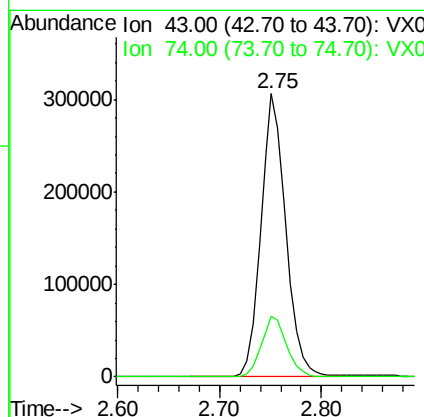
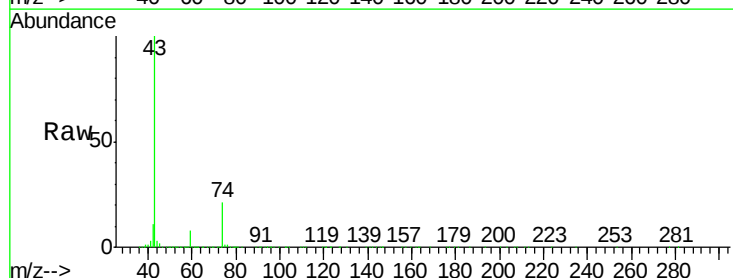
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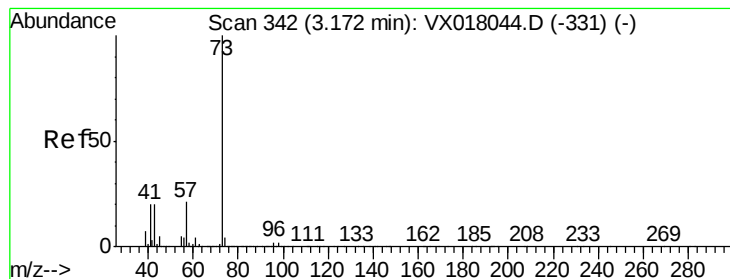
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#18
Methyl Acetate
Concen: 57.862 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.2	27.4





#19

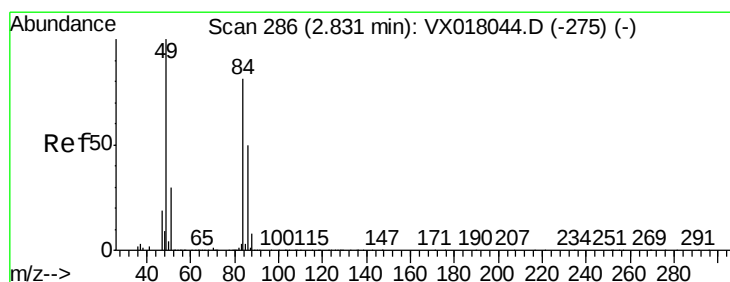
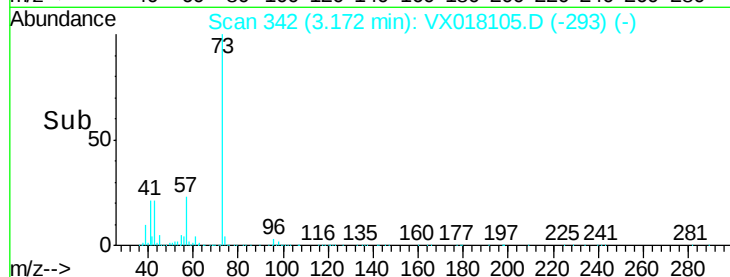
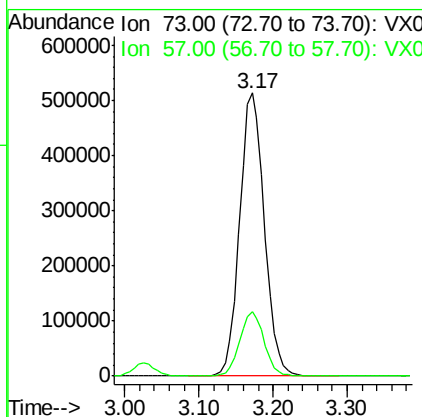
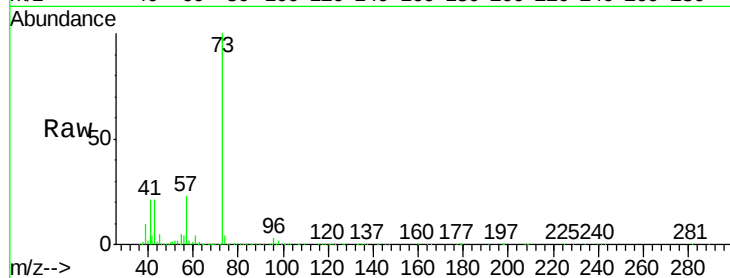
Methyl tert-butyl Ether
 Concen: 51.806 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1194506
 Ion Ratio Lower Upper
 73 100
 57 22.7 16.8 25.2

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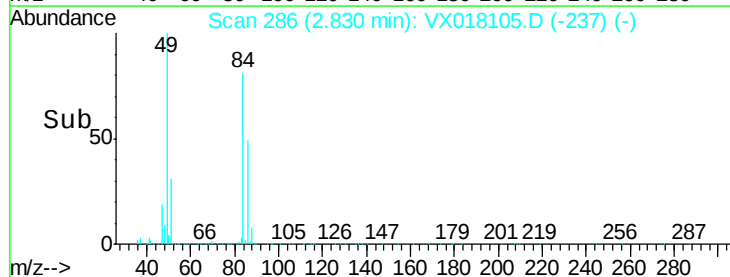
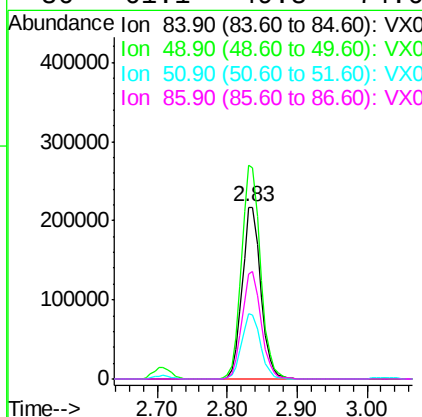
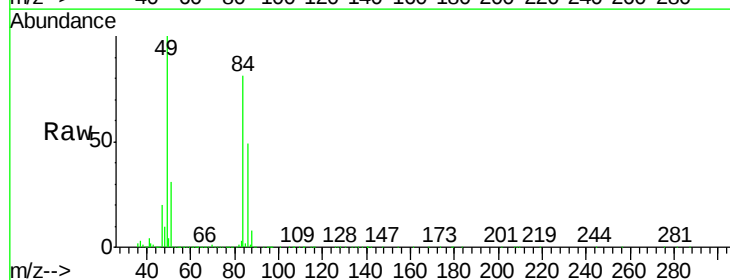
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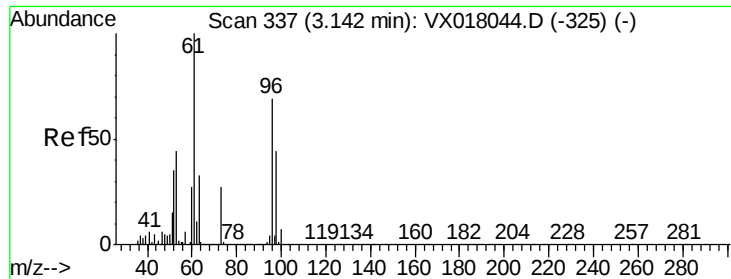


#20

Methylene Chloride
 Concen: 53.209 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion: 84 Resp: 404323
 Ion Ratio Lower Upper
 84 100
 49 124.1 98.6 148.0
 51 37.9 29.6 44.4
 86 61.1 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.808 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

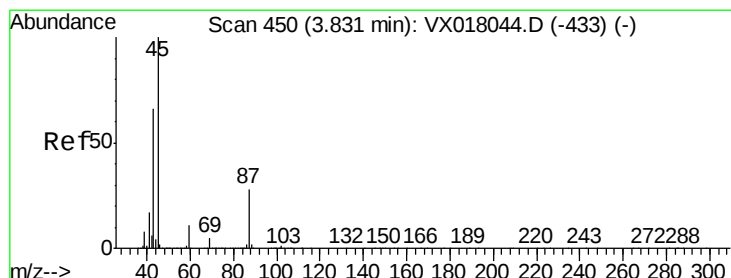
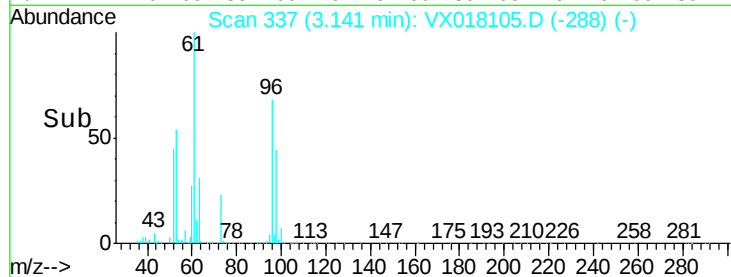
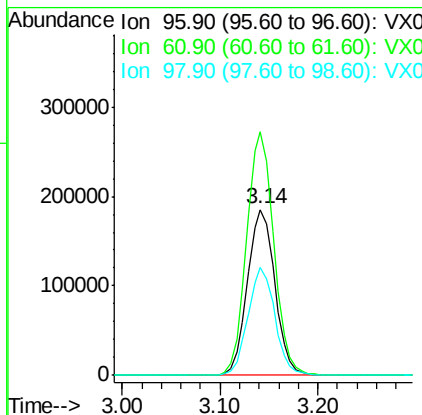
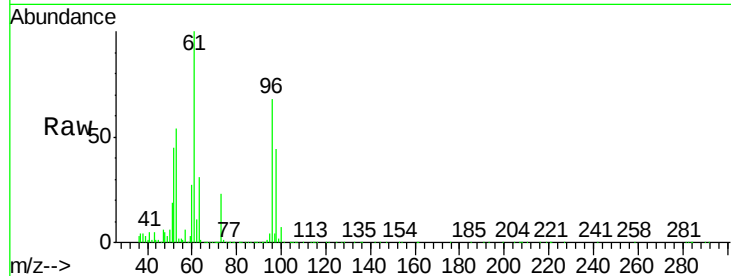
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	363558
Ion Ratio	Lower	Upper	
96	100		
61	146.8	115.4	173.0
98	65.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 52.755 ug/l

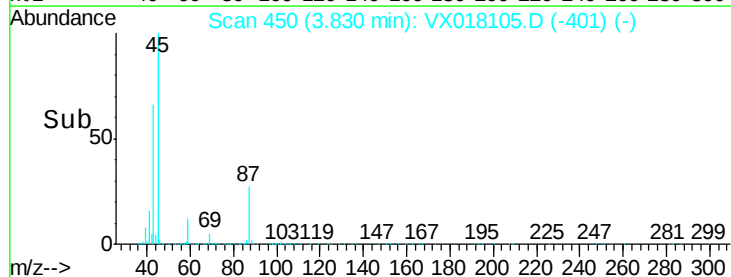
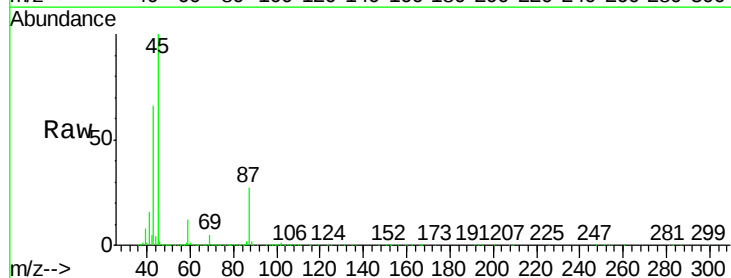
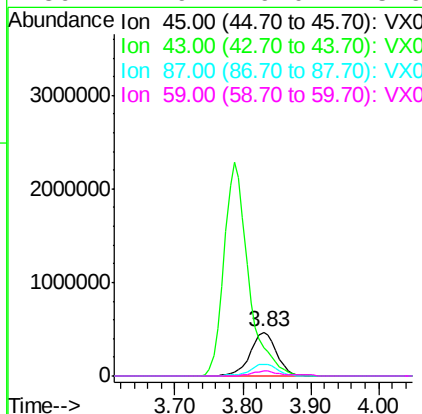
RT: 3.83 min Scan# 450

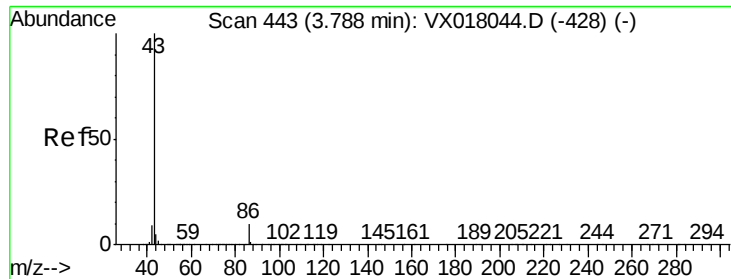
Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion:	45	Resp:	1257695
Ion Ratio	Lower	Upper	
45	100		
43	65.7	52.8	79.2
87	26.7	22.5	33.7
59	11.9	9.0	13.6





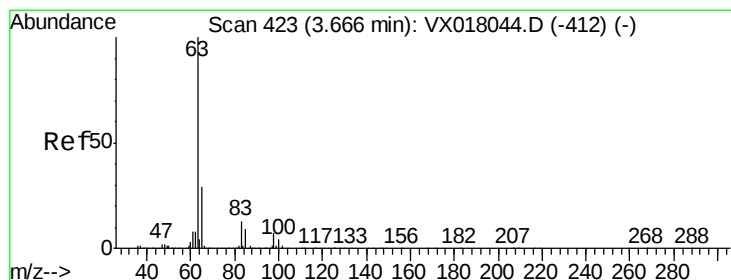
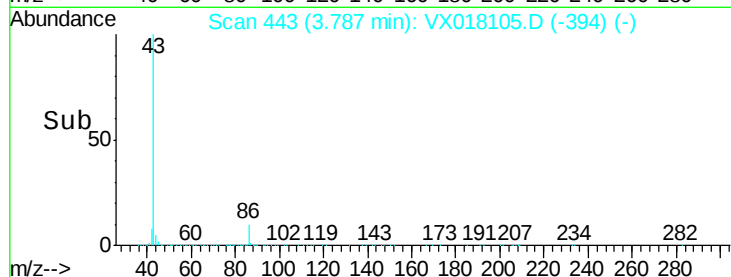
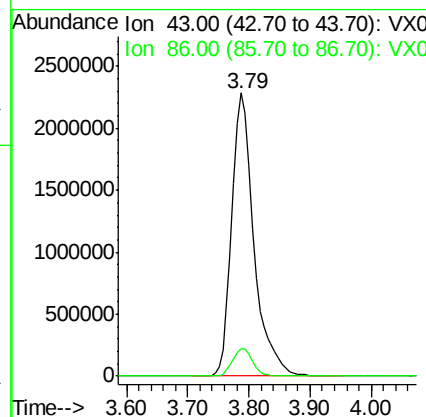
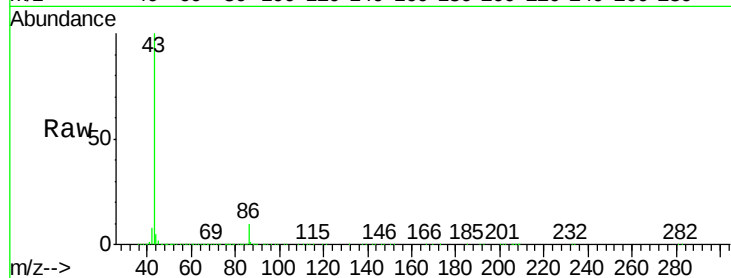
#23
 Vinyl Acetate
 Concen: 268.438 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 5694485
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.9 11.9

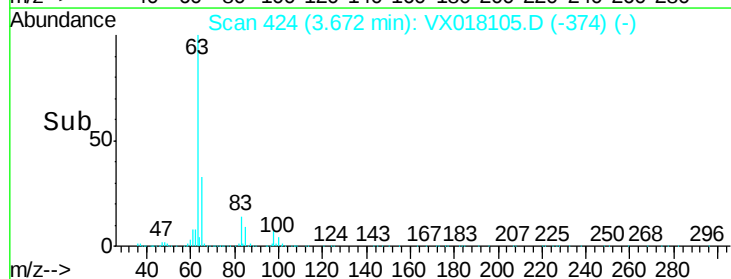
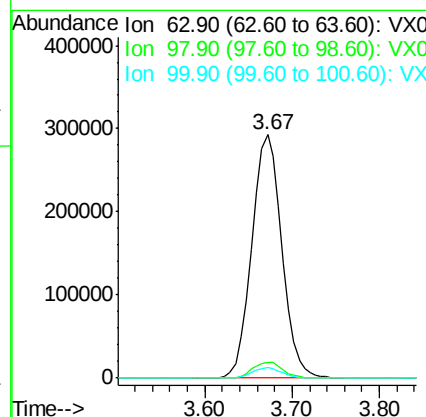
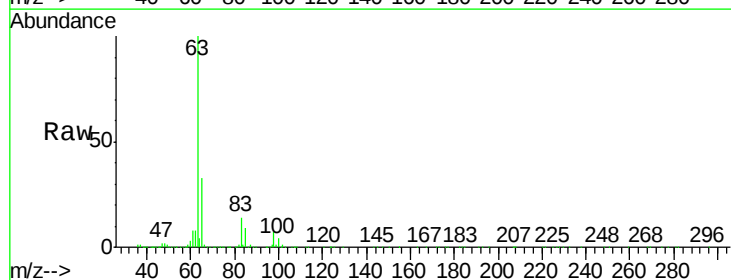
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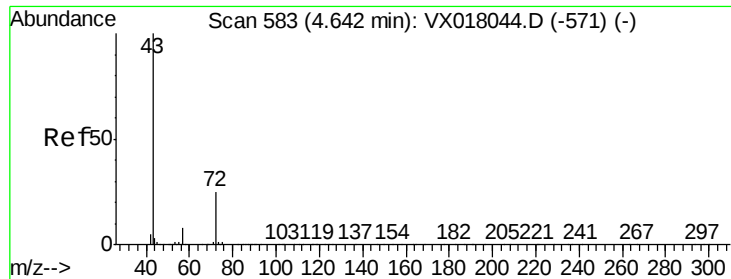
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#24
 1,1-Dichloroethane
 Concen: 51.282 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion: 63 Resp: 695956
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 267.915 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1638639

Ion Ratio Lower Upper

43 100

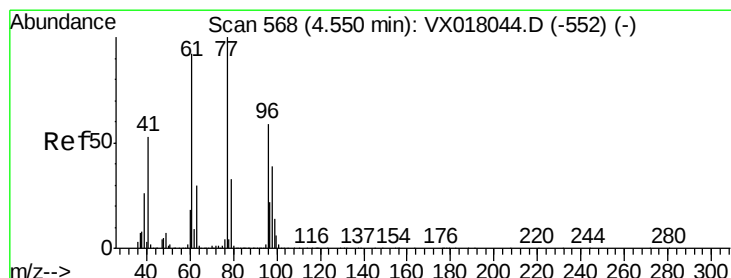
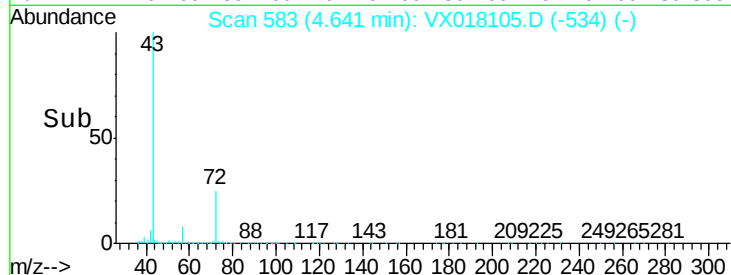
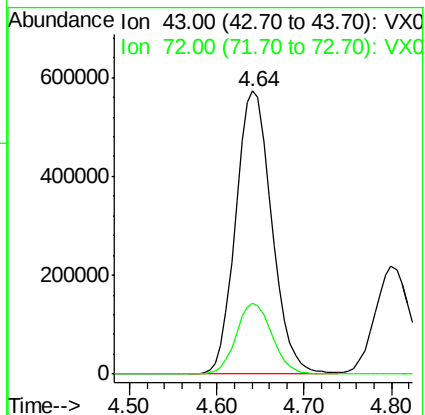
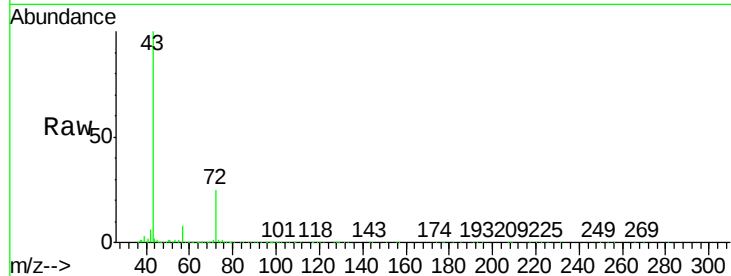
72 24.9 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.181 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018105.D

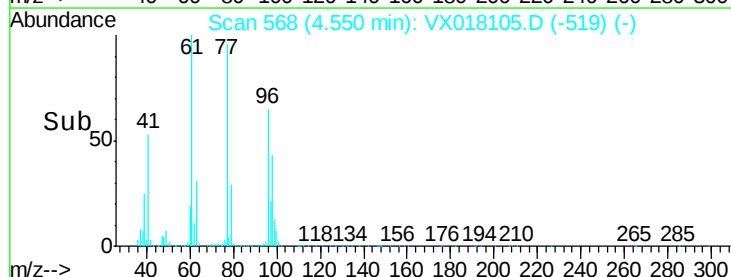
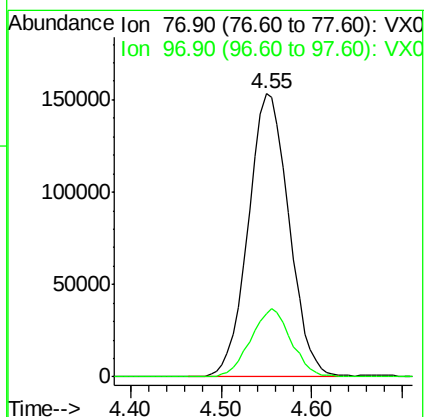
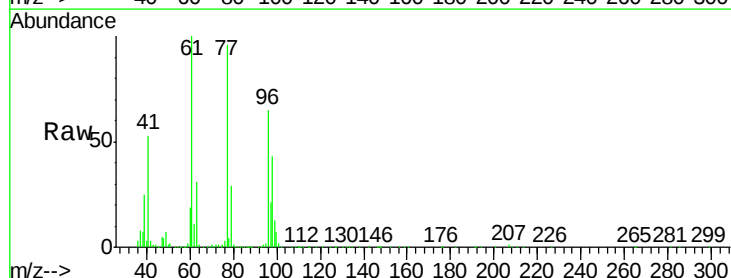
Acq: 27 Aug 2020 20:31

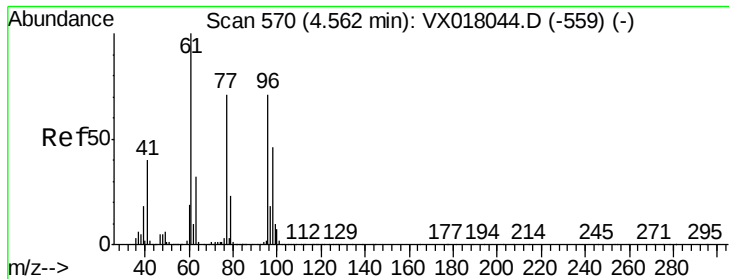
Tgt Ion: 77 Resp: 476807

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.5





#27

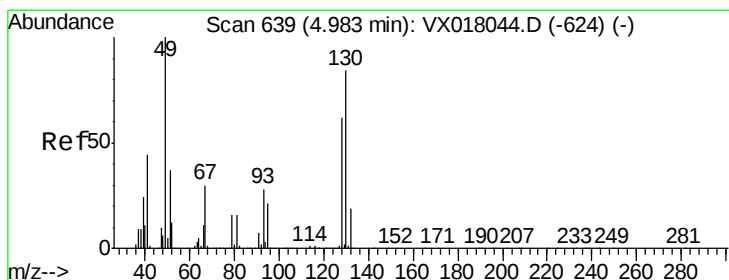
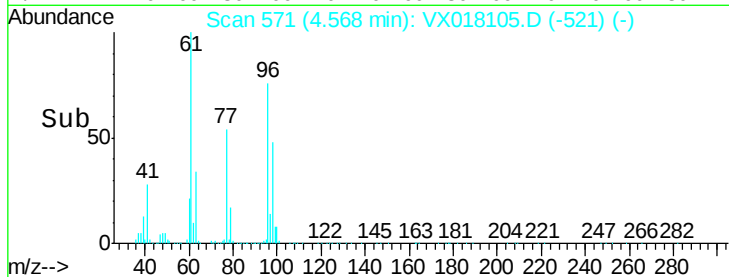
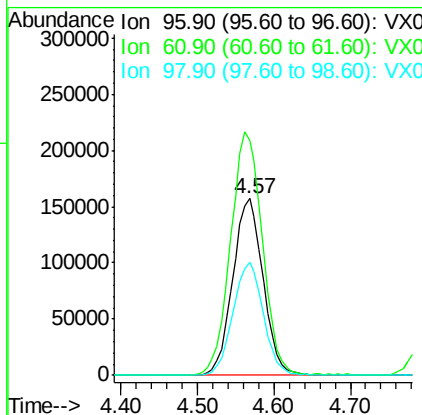
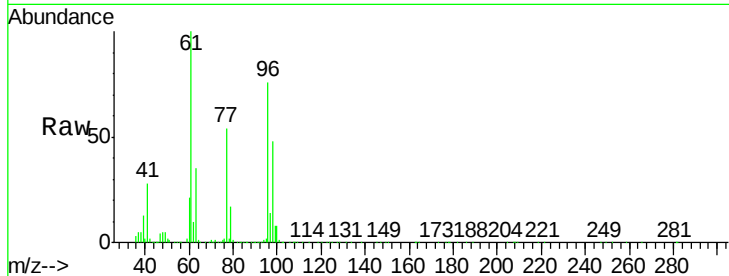
cis-1,2-Dichloroethene
Concen: 50.396 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	432511		
61	144.1	0.0	296.6	
98	64.0	0.0	130.2	

Manual Integrations
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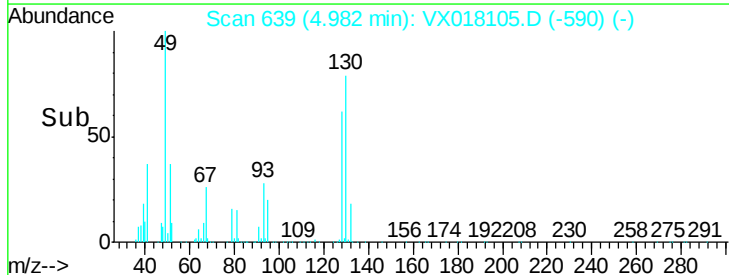
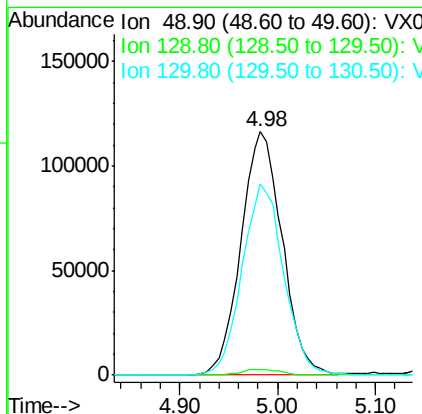
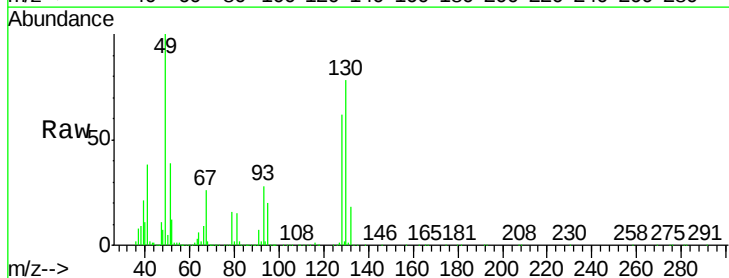
MMDadoda
8/28/2020 2:59:52 PM

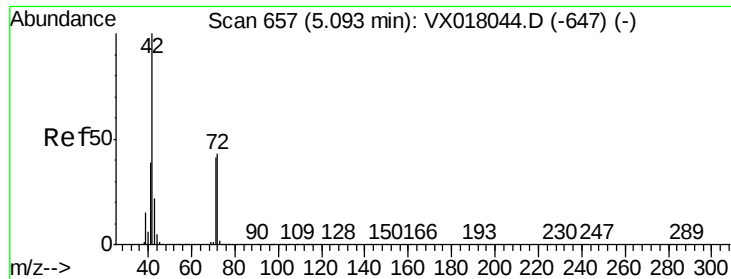


#28

Bromochloromethane
Concen: 51.965 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	340408		
129	2.3	0.0	4.6	
130	79.3	64.6	96.8	





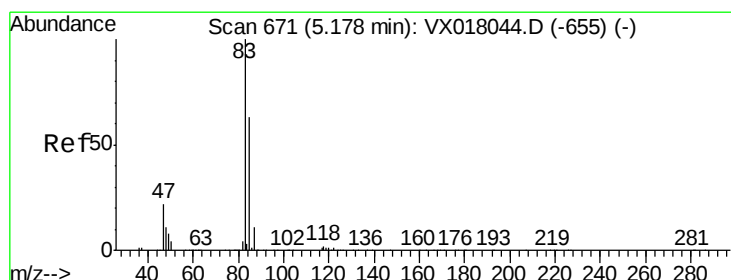
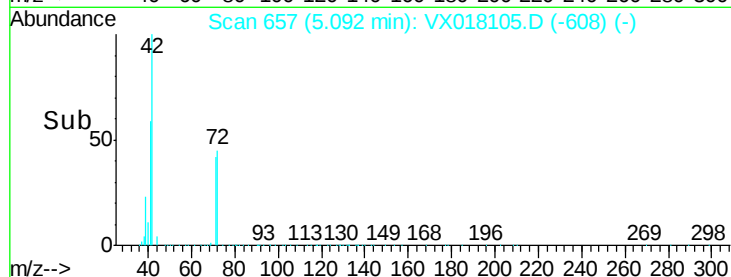
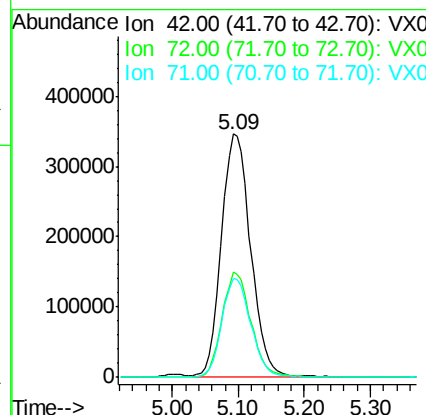
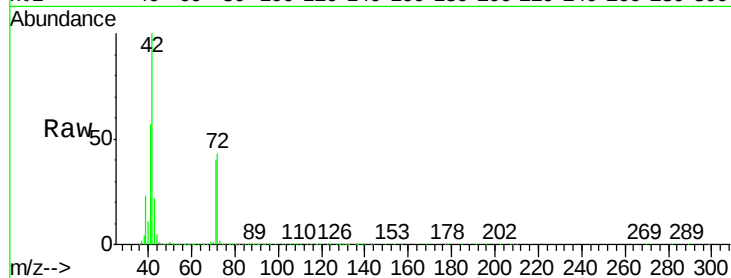
#29
Tetrahydrofuran
Concen: 272.324 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 1060295
Ion Ratio Lower Upper
42 100
72 42.8 34.2 51.4
71 40.1 32.1 48.1

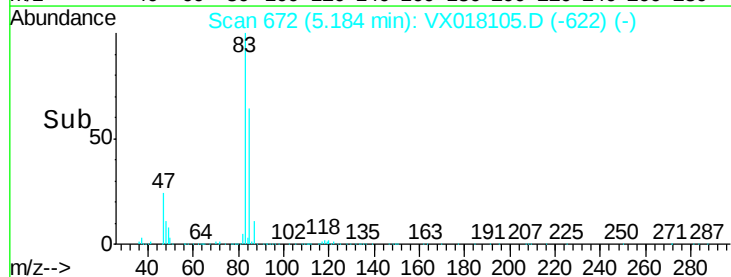
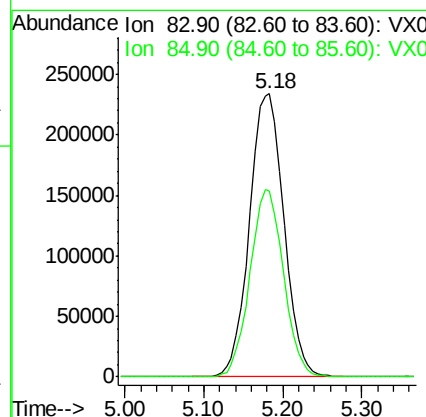
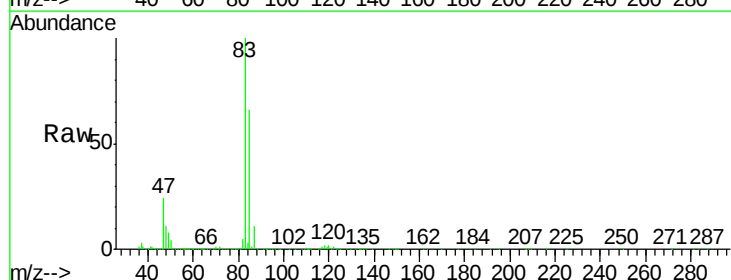
Manual Integrations
APPROVED

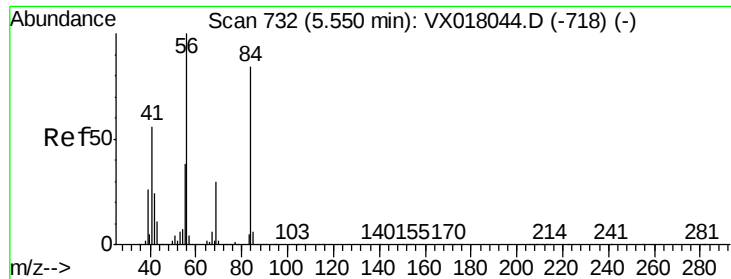
MMDadoda
8/28/2020 2:59:52 PM



#30
Chloroform
Concen: 50.570 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 83 Resp: 710623
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1





#31

Cyclohexane

Concen: 50.251 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

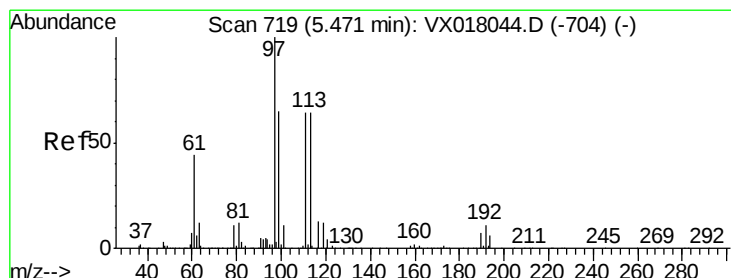
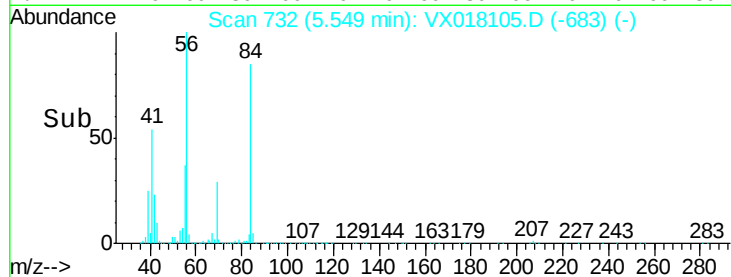
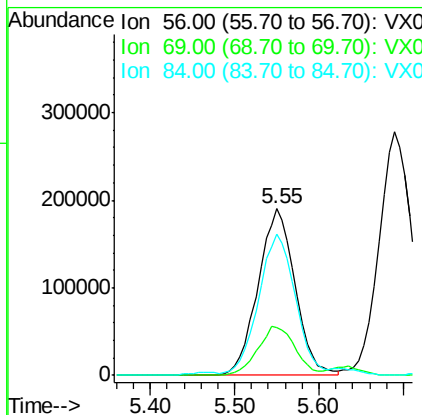
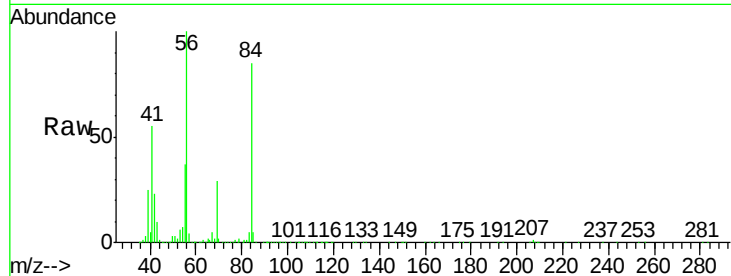
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	28.3	23.9	35.9	
84	83.4	67.0	100.4	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.932 ug/l

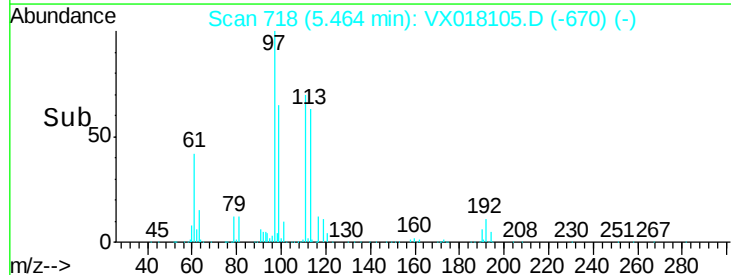
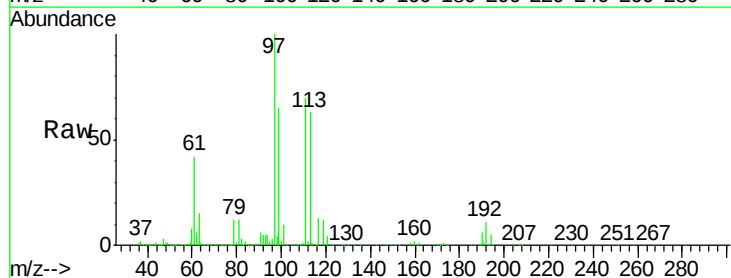
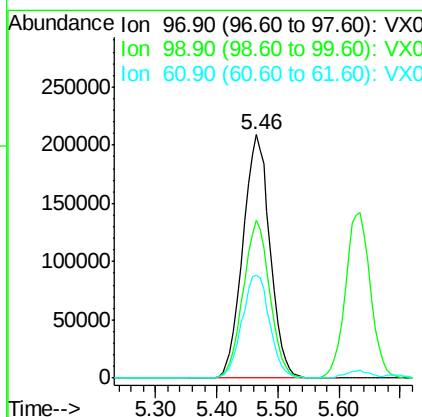
RT: 5.46 min Scan# 718

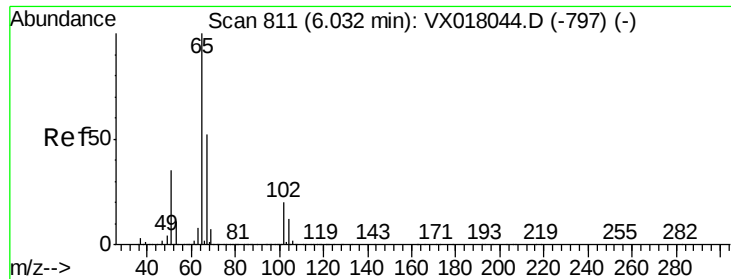
Delta R.T. -0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.6	51.4	77.0	
61	43.1	34.2	51.4	





#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 502401

Ion Ratio Lower Upper

65 100

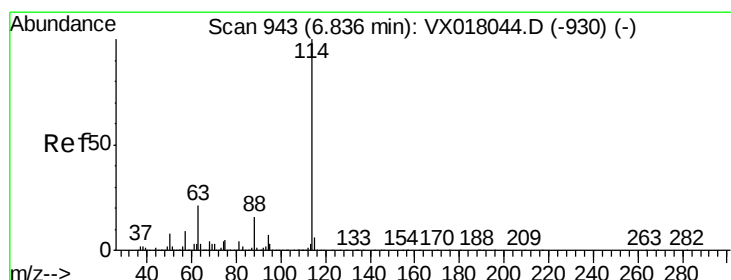
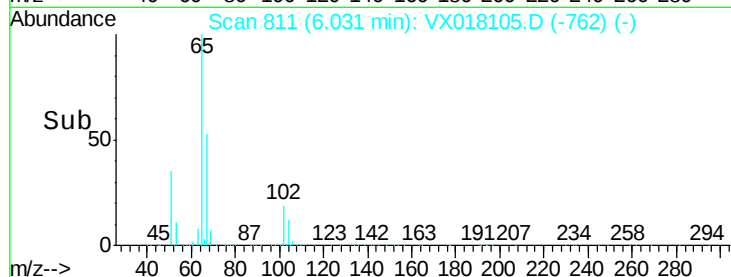
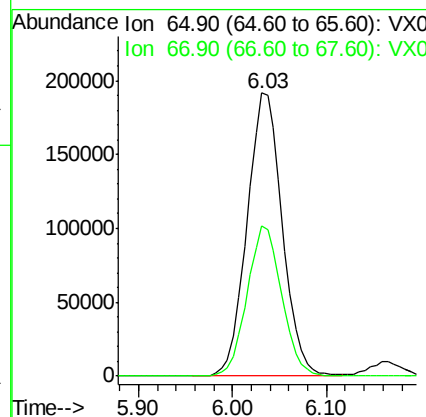
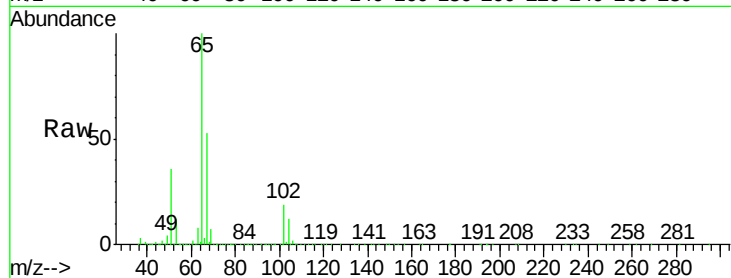
67 52.0 0.0 105.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

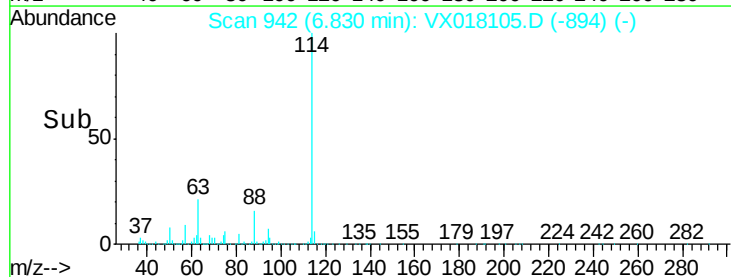
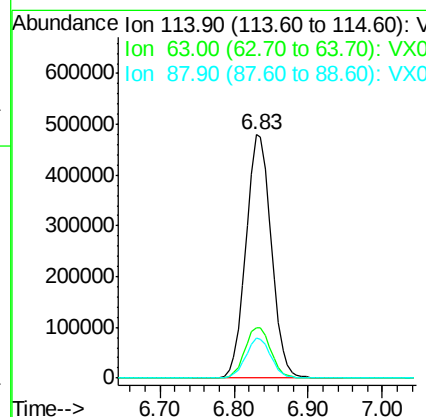
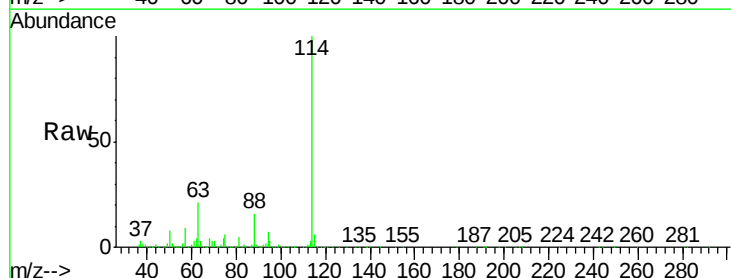
Tgt Ion: 114 Resp: 1149212

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.5 0.0 31.8





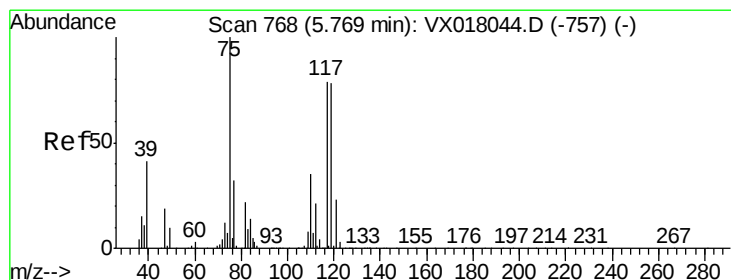
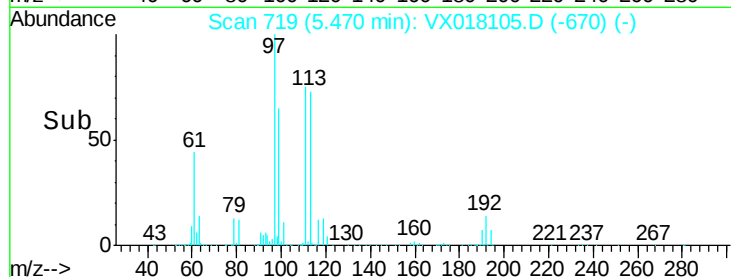
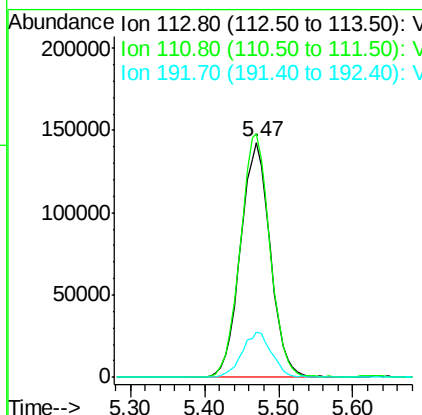
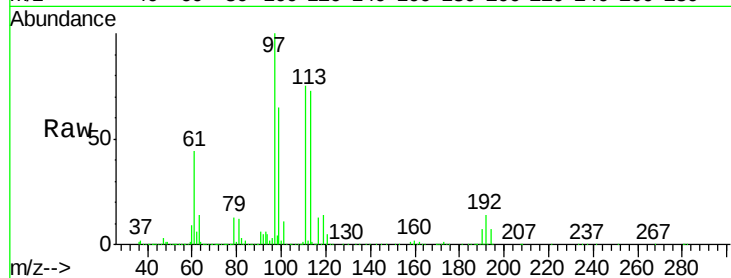
#35
Dibromofluoromethane
Concen: 51.035 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	399433		
111	103.6	81.6	122.4	
192	19.3	15.8	23.8	

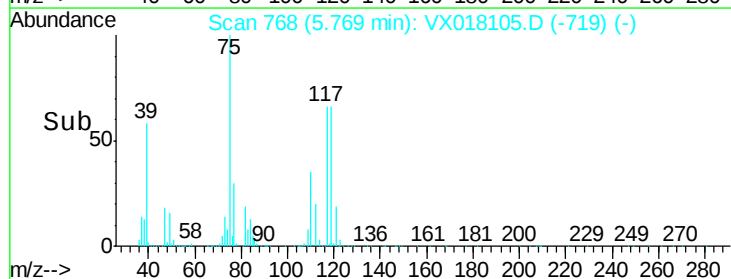
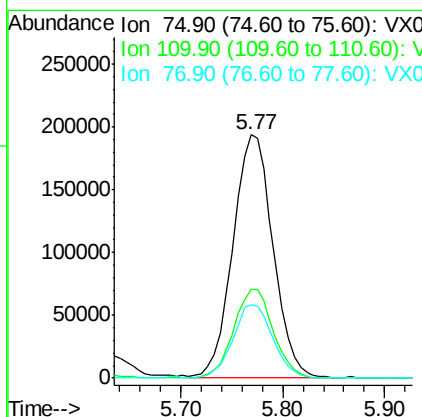
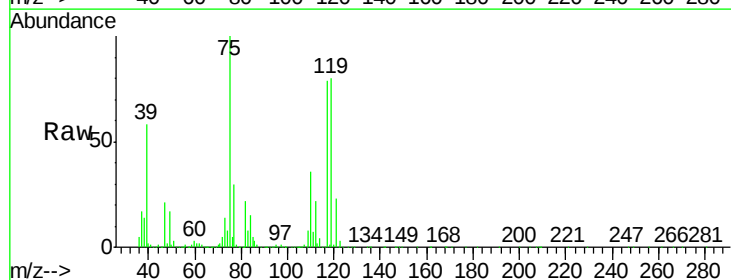
Manual Integrations
APPROVED

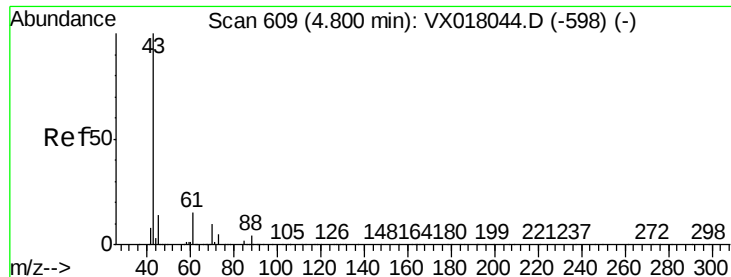
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#36
1,1-Dichloropropene
Concen: 49.527 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	524977		
110	36.4	18.0	54.0	
77	30.2	24.4	36.6	





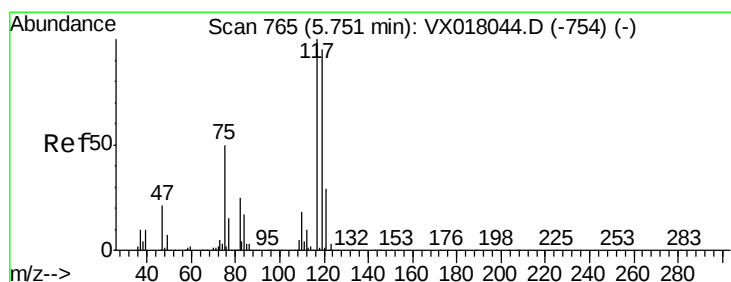
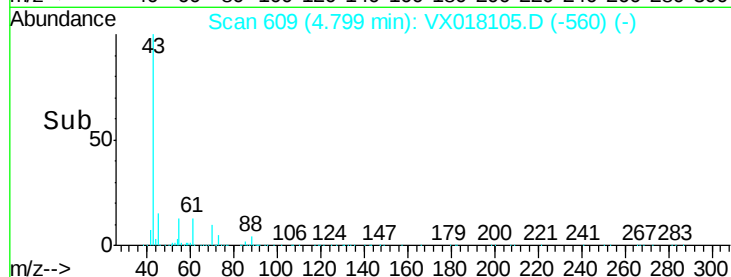
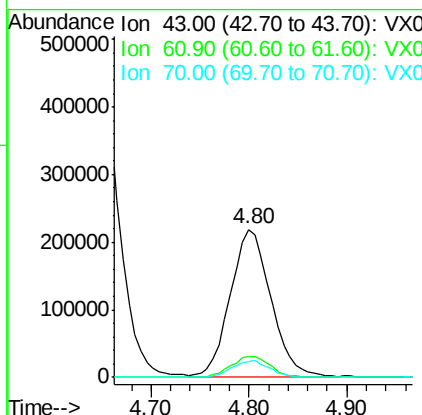
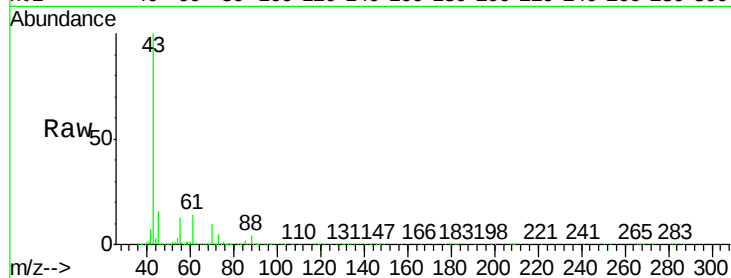
#37
Ethyl Acetate
Concen: 50.971 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	627507
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.6	8.2	12.4

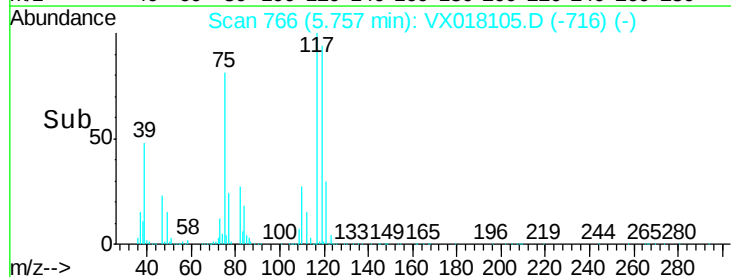
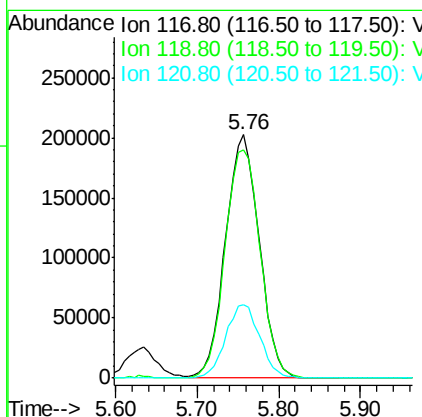
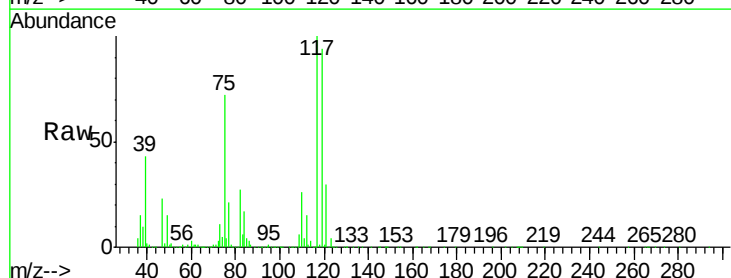
Manual Integrations
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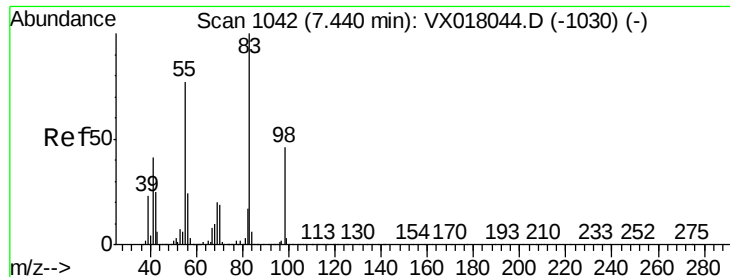
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#38
Carbon Tetrachloride
Concen: 48.419 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion:	117	Resp:	578384
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.6
121	29.8	23.4	35.0





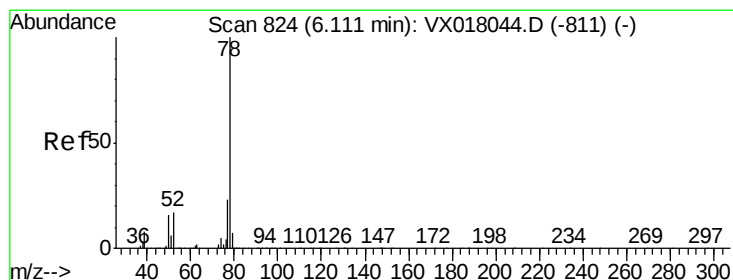
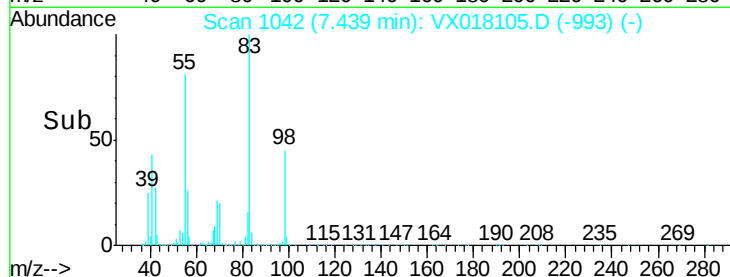
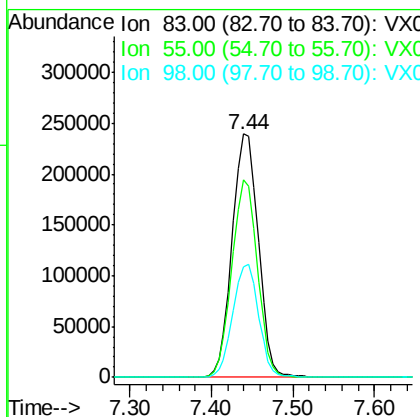
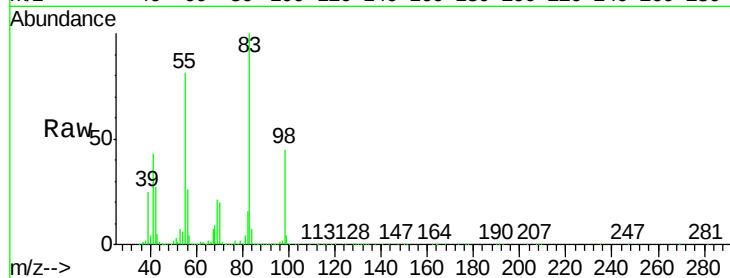
#39
Methvlcvclohexane
Concen: 45.744 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	61.8	92.6
98	45.1	36.6	55.0

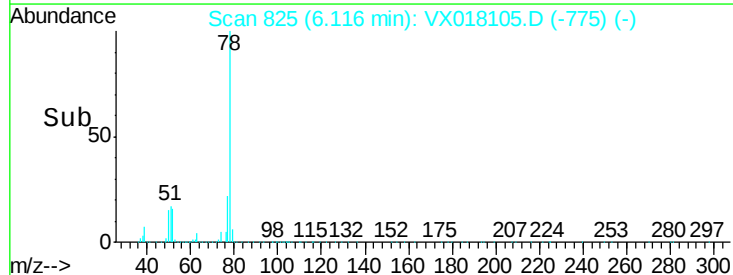
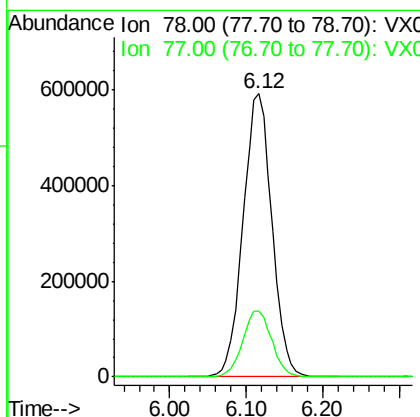
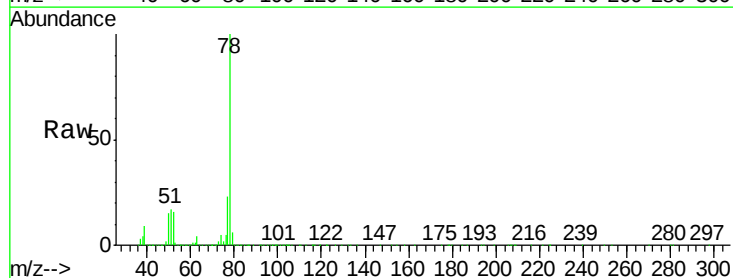
Manual Integrations
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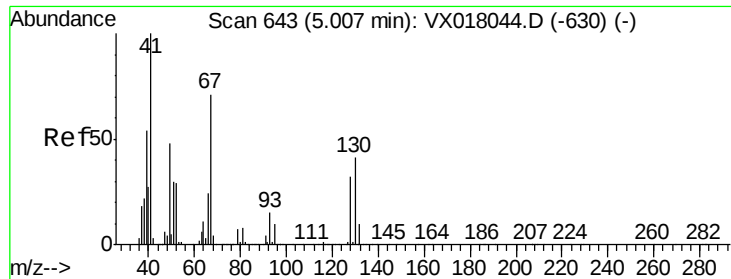
MMDadoda
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#40
Benzene
Concen: 49.787 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2





#41

Methacrylonitrile

Concen: 51.798 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

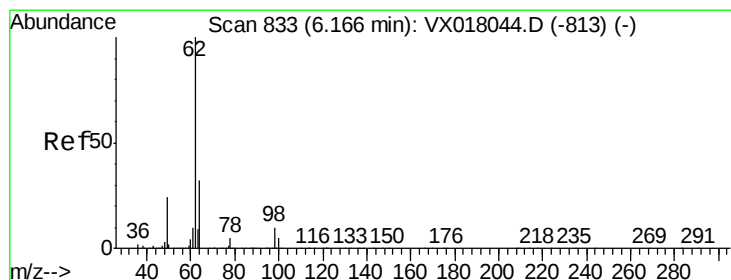
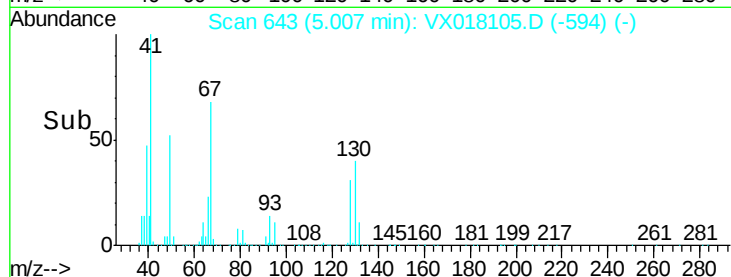
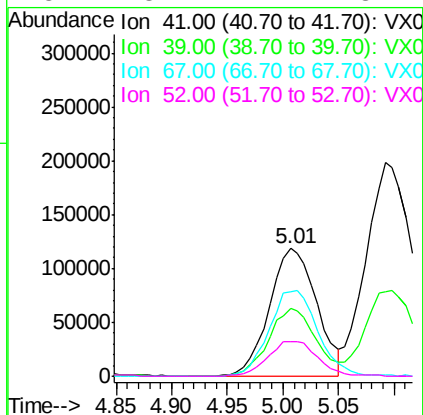
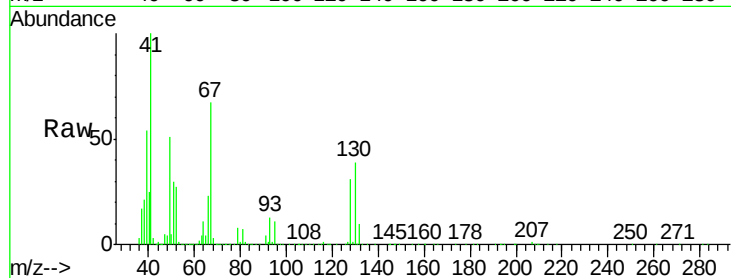
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
350131	41	100		
	39	54.4	43.1	64.7
	67	69.7	56.0	84.0
	52	28.7	22.7	34.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.185 ug/l

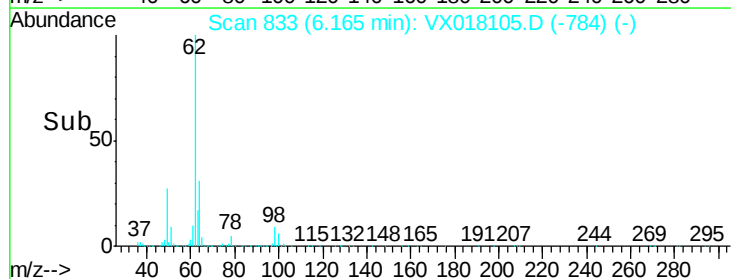
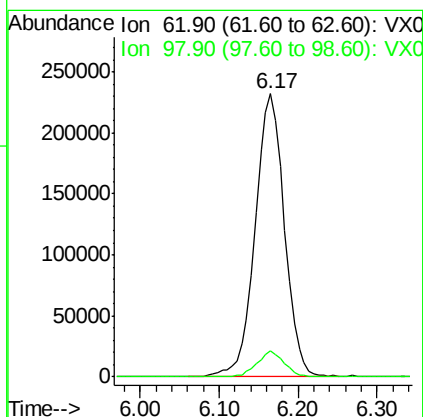
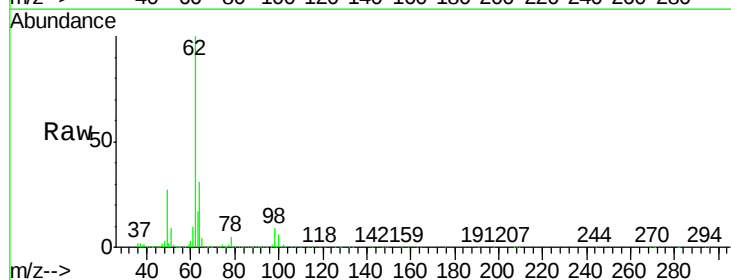
RT: 6.17 min Scan# 833

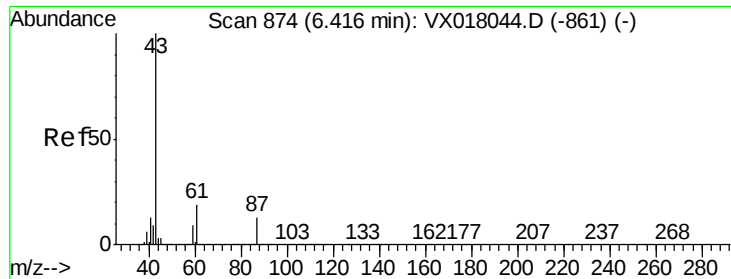
Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
598867	62	100		
	98	8.5	0.0	18.2





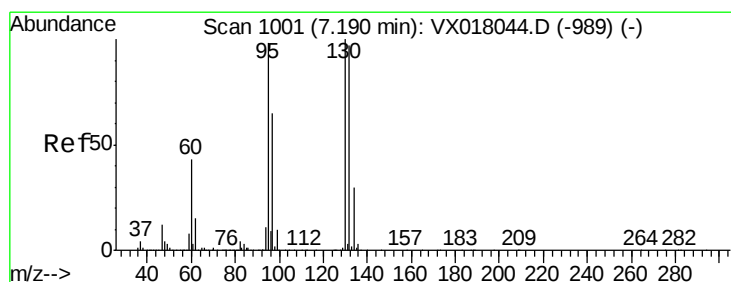
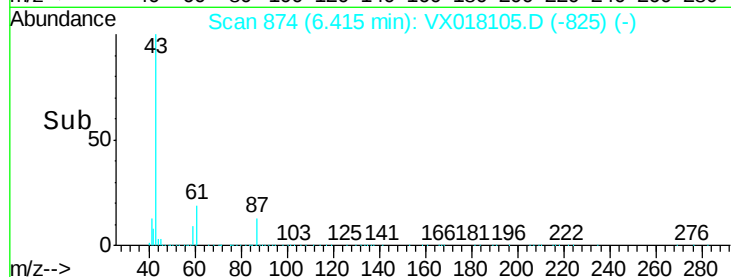
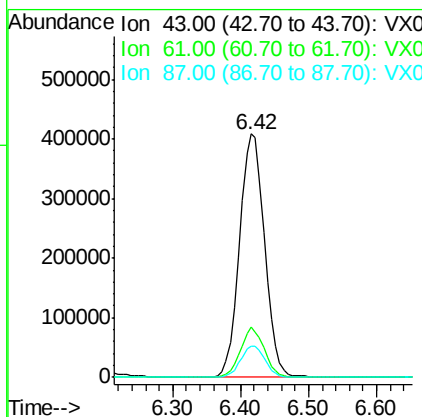
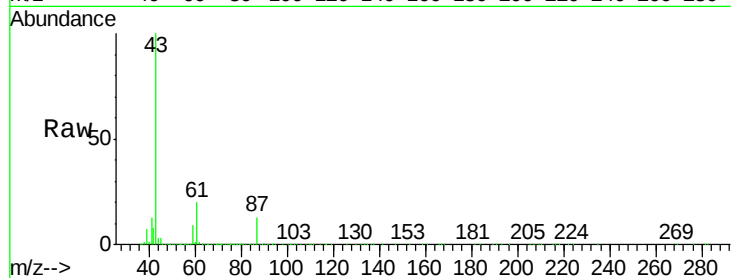
#43
Isopropyl Acetate
Concen: 52.264 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1039239
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 12.8 10.3 15.5

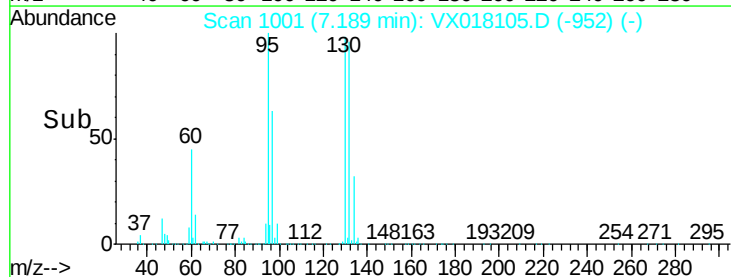
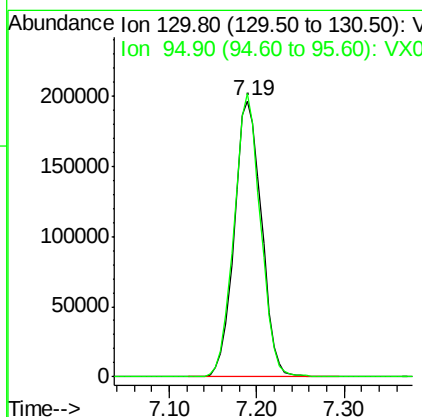
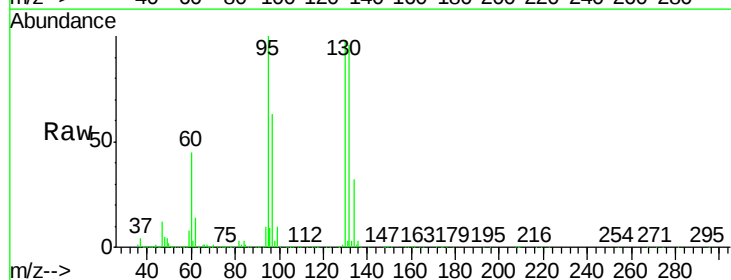
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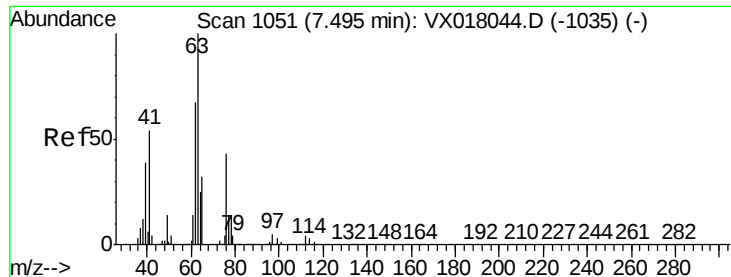
MMDadoda
8/28/2020 2:59:52 PM



#44
Trichloroethene
Concen: 48.485 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion:130 Resp: 426699
Ion Ratio Lower Upper
130 100
95 102.4 0.0 196.4





#45

1,2-Dichloropropane

Concen: 50.130 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 420813

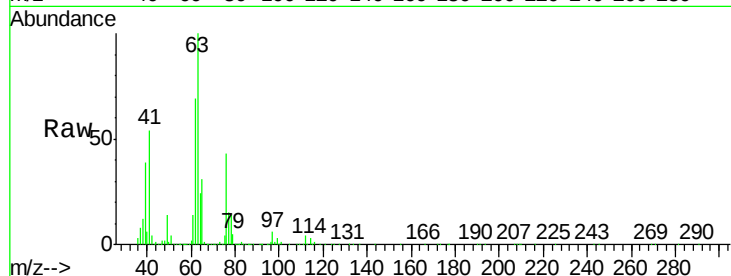
Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5

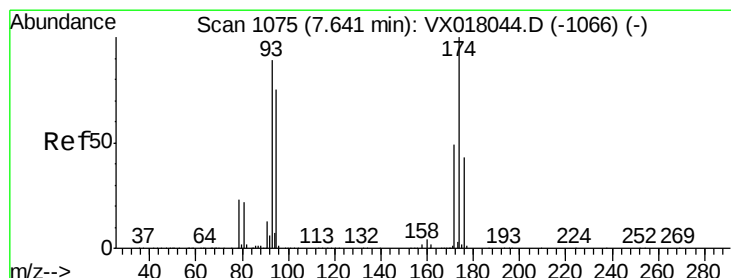
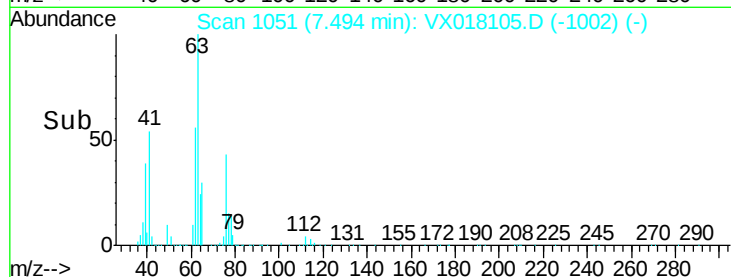
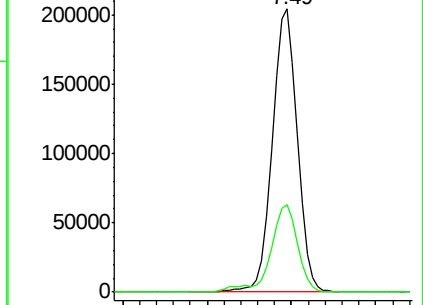
Manual Integrations
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.620 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

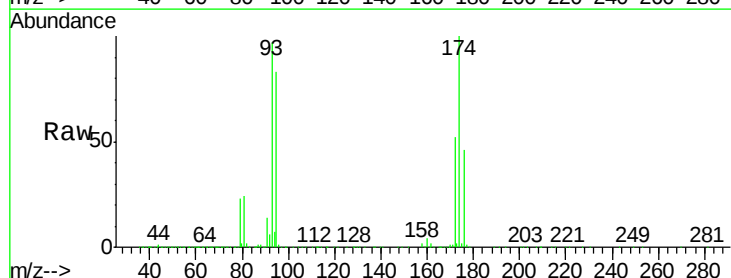
Tgt Ion: 93 Resp: 292912

Ion Ratio Lower Upper

93 100

95 82.9 67.3 100.9

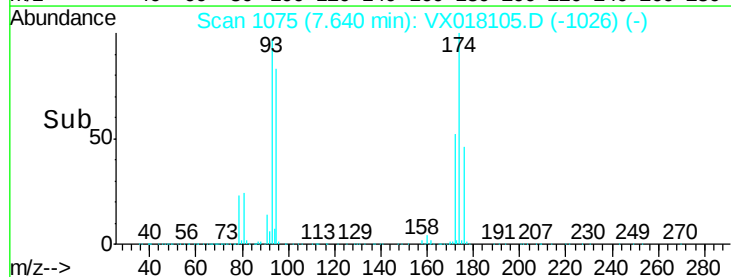
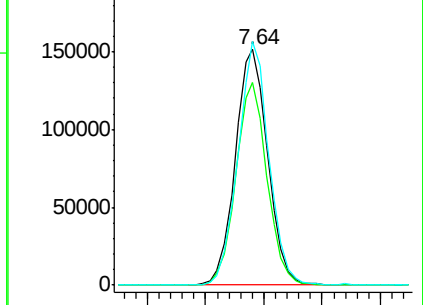
174 98.4 82.2 123.2

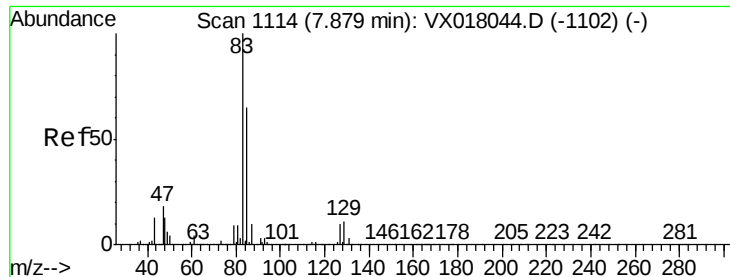


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.376 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

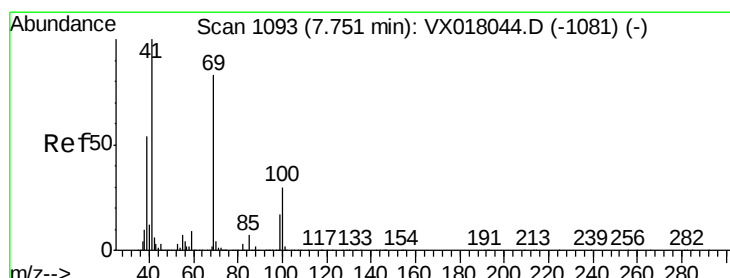
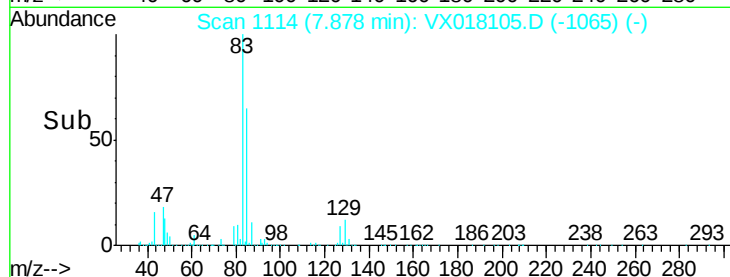
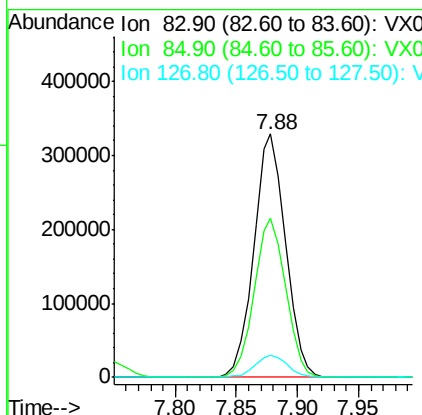
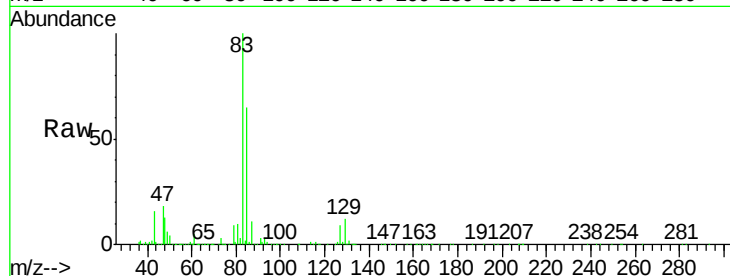
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	593767
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.8	77.6
127	8.9	7.7	11.5

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#48

Methyl methacrylate

Concen: 52.965 ug/l

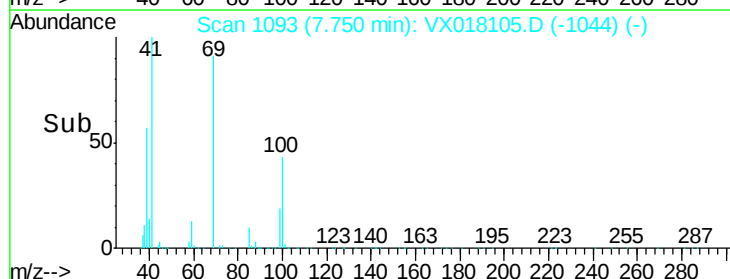
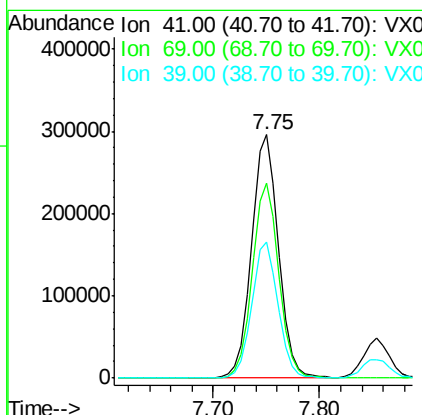
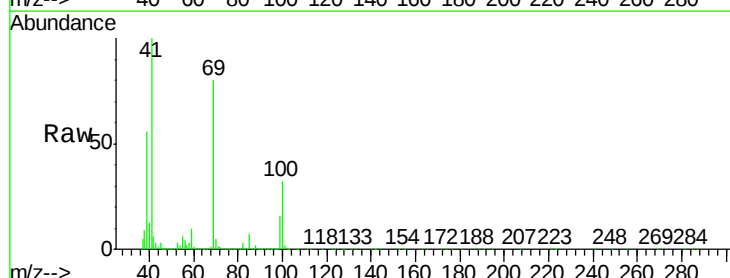
RT: 7.75 min Scan# 1093

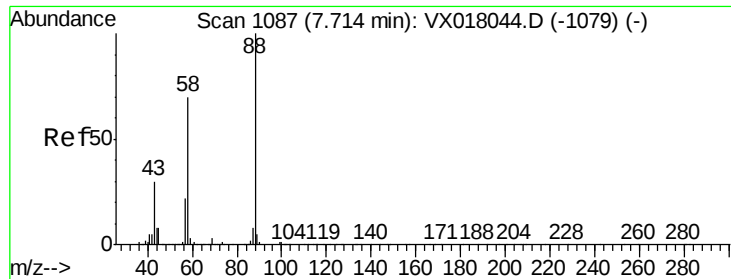
Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion:	41	Resp:	524286
Ion Ratio	Lower	Upper	
41	100		
69	79.1	65.5	98.3
39	54.5	44.5	66.7





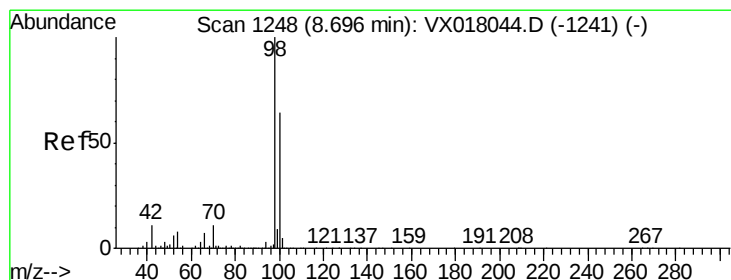
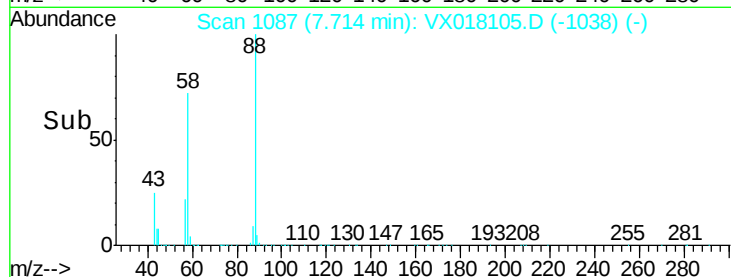
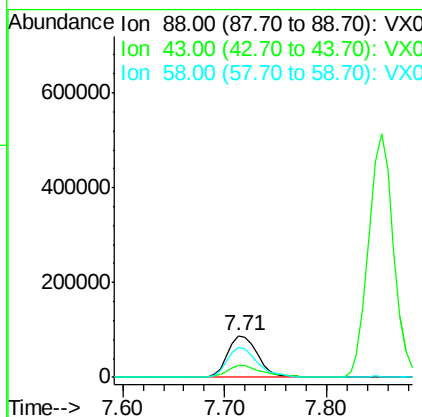
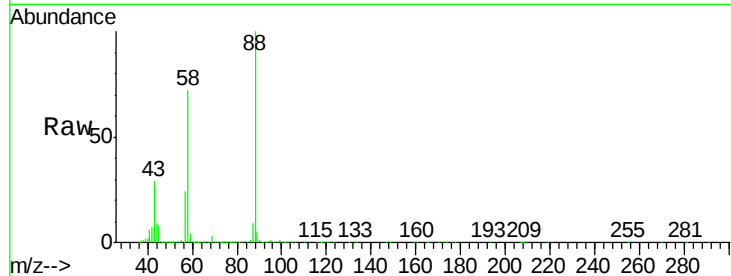
#49
1,4-Dioxane
Concen: 997.740 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.4	41.0
58	73.2	56.4	84.6

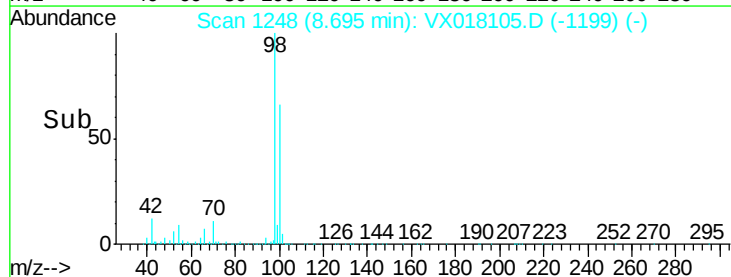
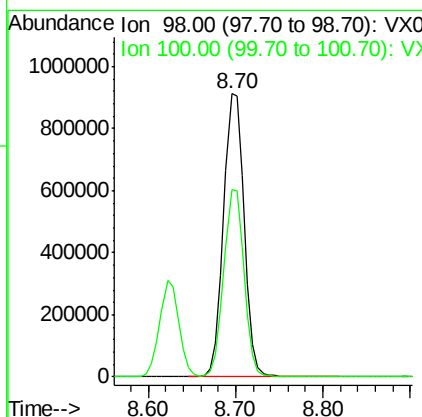
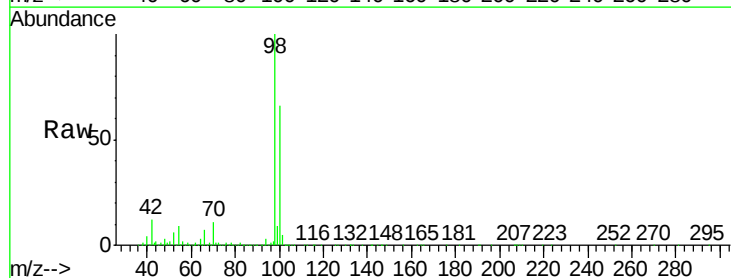
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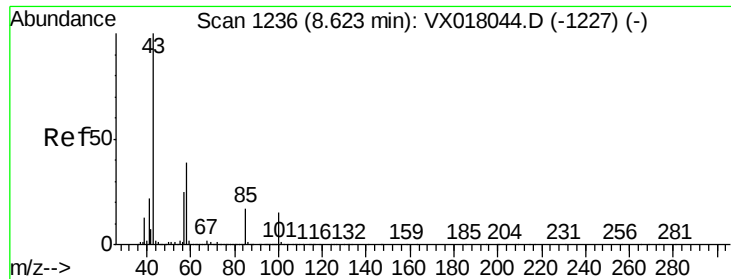
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#50
Toluene-d8
Concen: 51.017 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.4





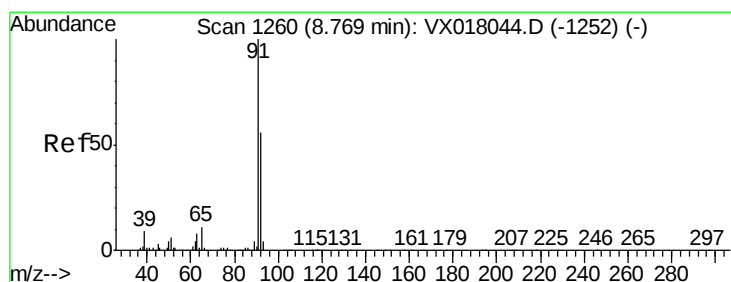
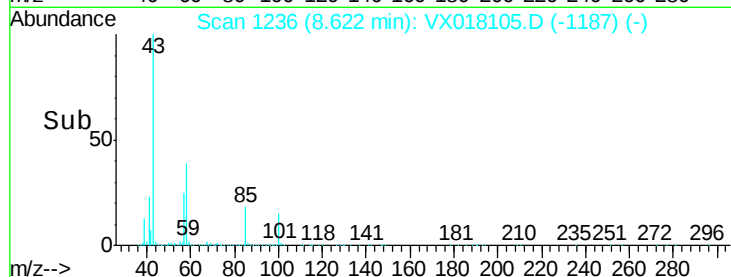
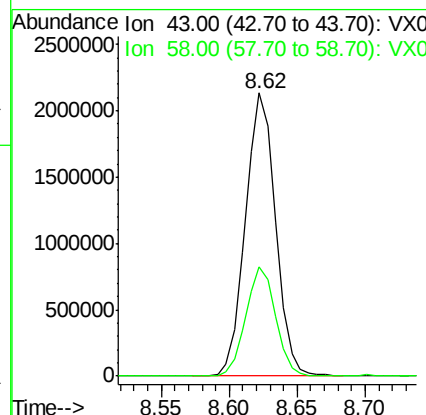
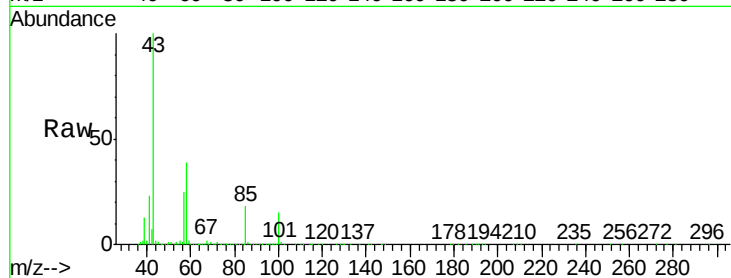
#51
4-Methyl-2-Pentanone
Concen: 269.240 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3307017
Ion Ratio Lower Upper
43 100
58 38.1 30.7 46.1

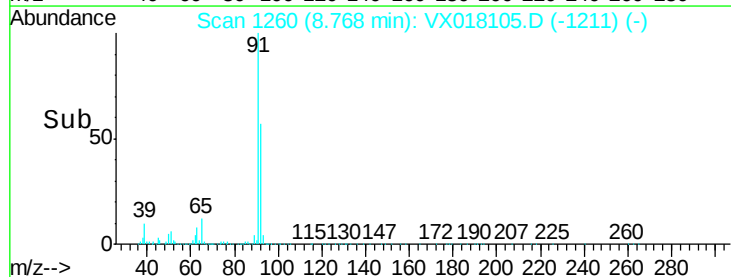
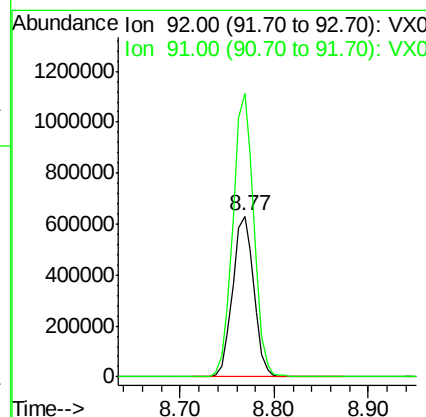
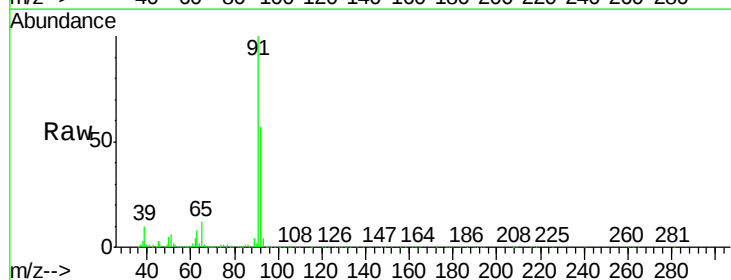
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#52
Toluene
Concen: 49.857 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 92 Resp: 984658
Ion Ratio Lower Upper
92 100
91 173.9 140.3 210.5





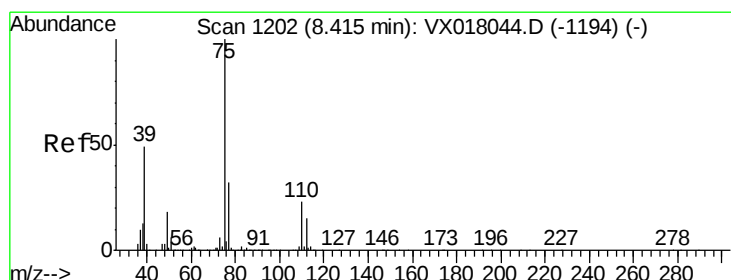
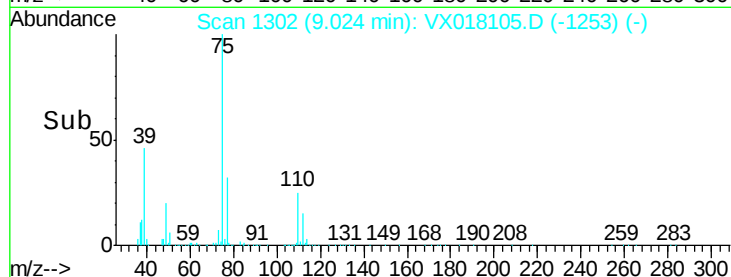
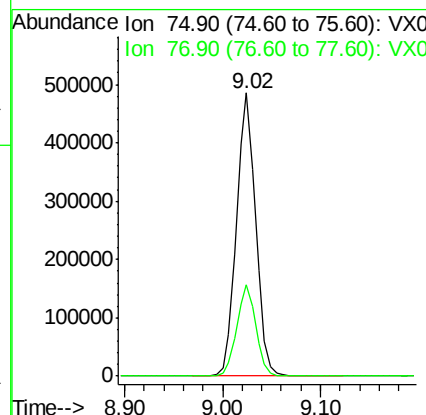
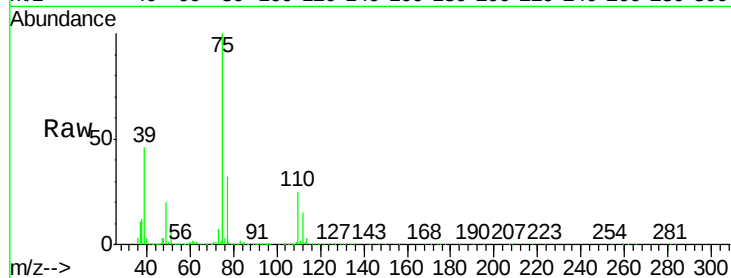
#53
t-1,3-Dichloropropene
Concen: 50.581 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.6	39.8

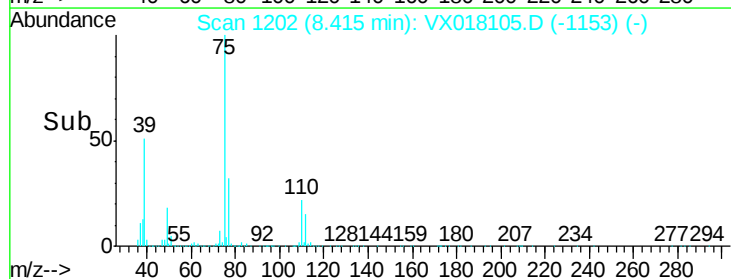
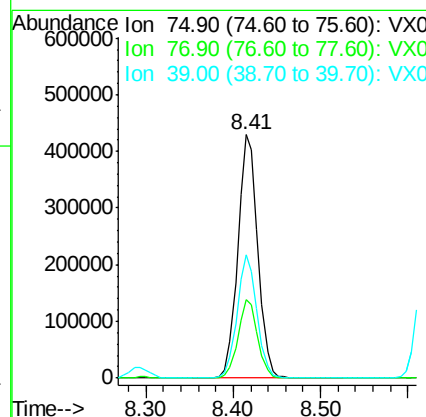
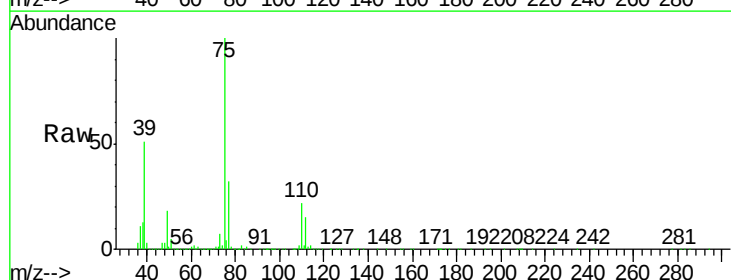
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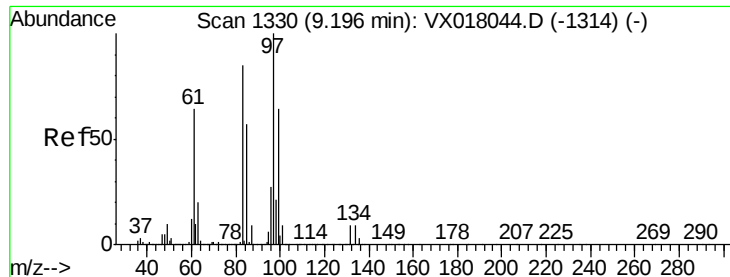
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#54
cis-1,3-Dichloropropene
Concen: 49.354 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8
39	50.4	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 50.047 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

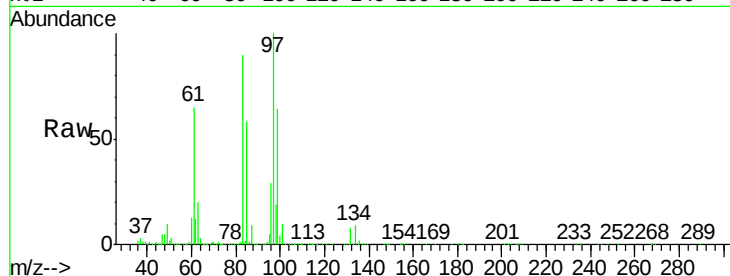
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	90.0	67.8	101.6	
85	57.7	45.3	67.9	
99	64.1	50.9	76.3	

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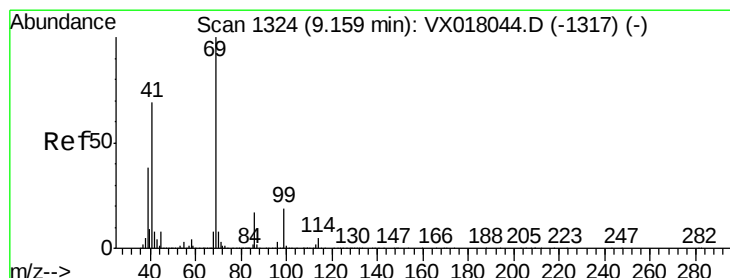
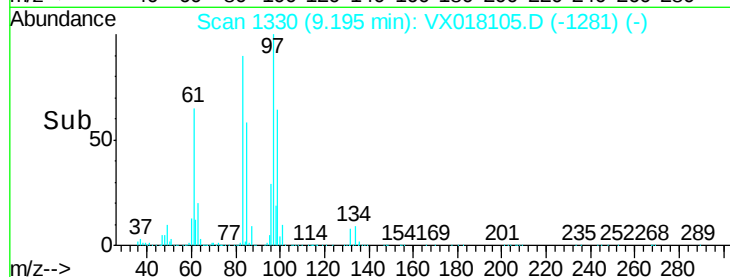
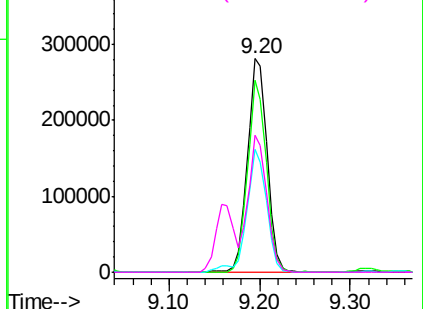


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.125 ug/l

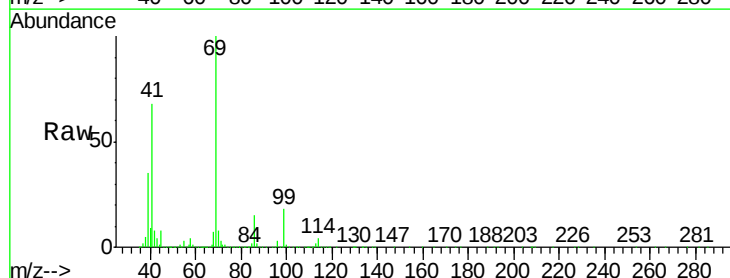
RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

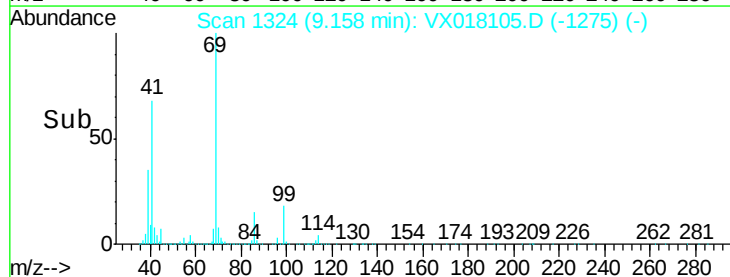
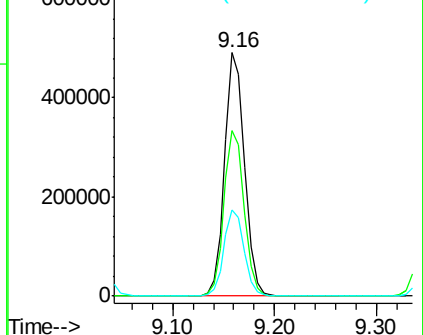
Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	69.1	54.6	81.8	
39	35.7	29.1	43.7	

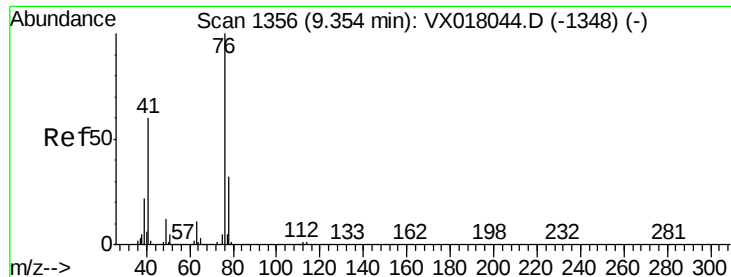


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.751 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 705073

Ion Ratio Lower Upper

76 100

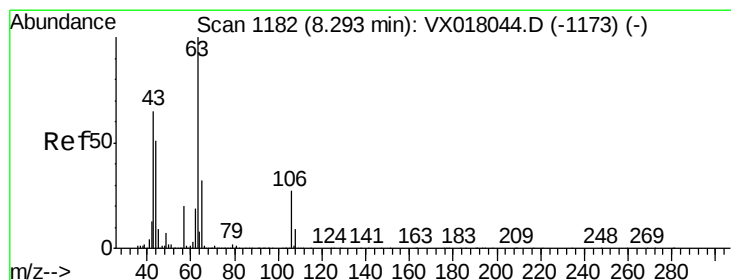
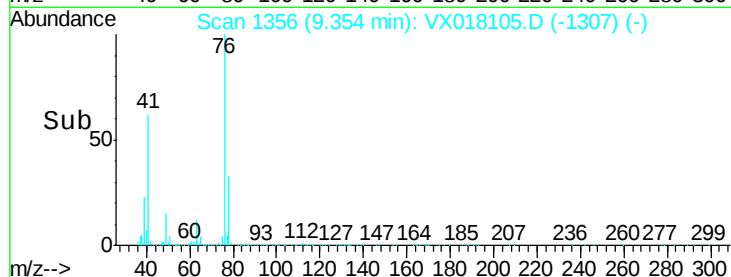
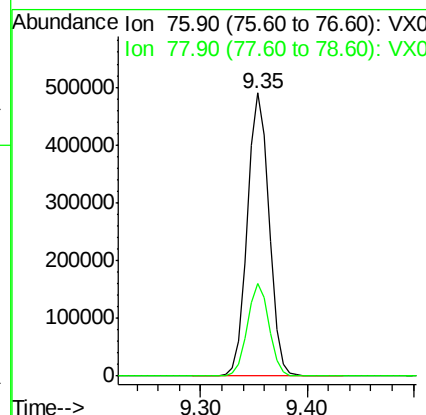
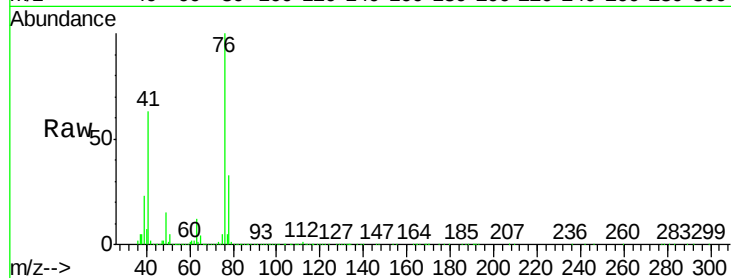
78 32.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 256.302 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018105.D

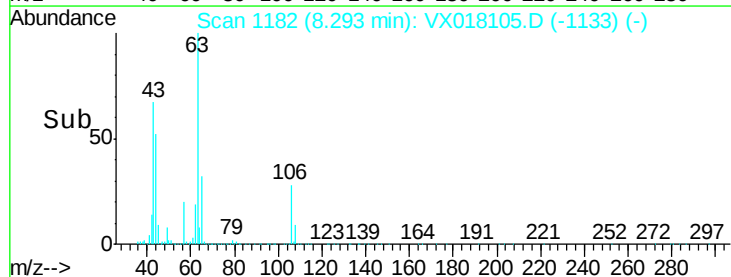
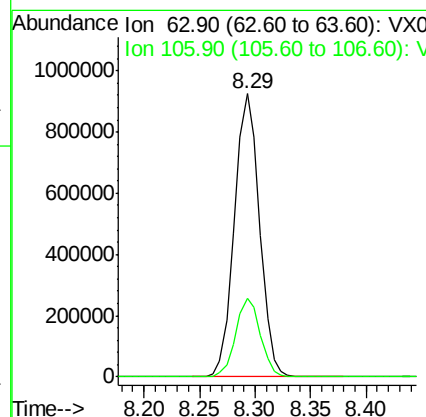
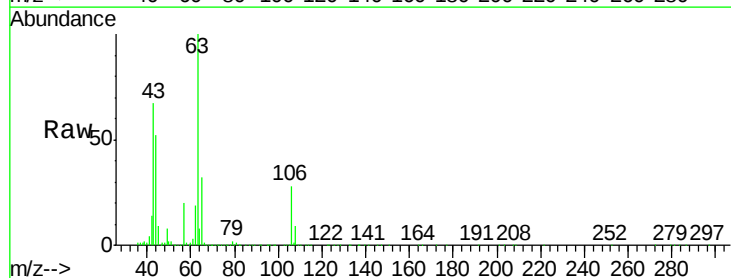
Acq: 27 Aug 2020 20:31

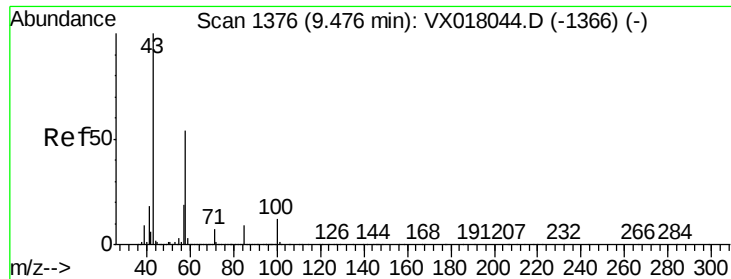
Tgt Ion: 63 Resp: 1443723

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1





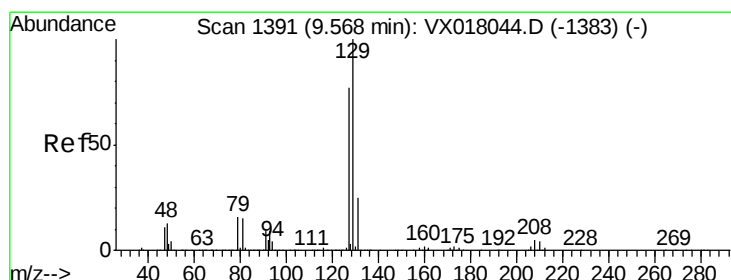
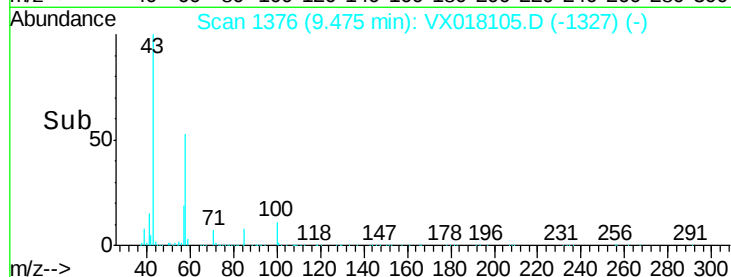
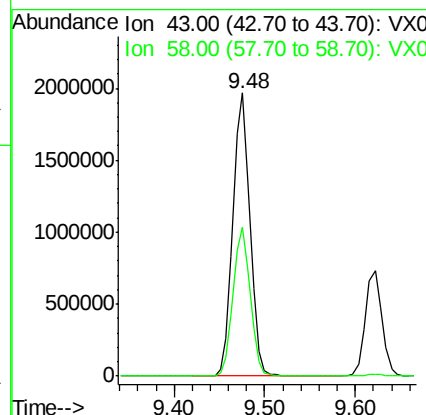
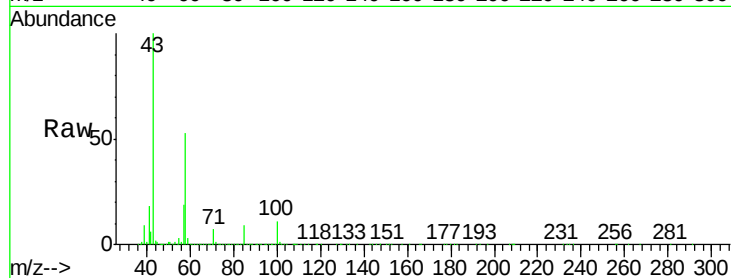
#59
2-Hexanone
Concen: 275.969 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2577458
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7

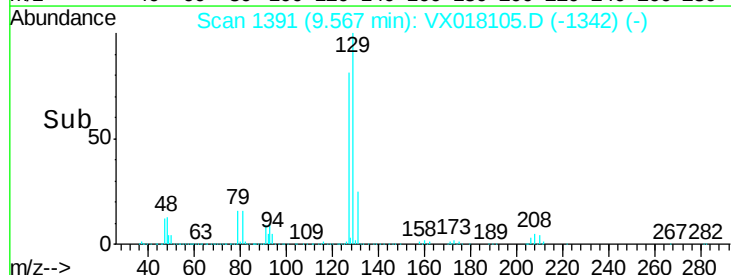
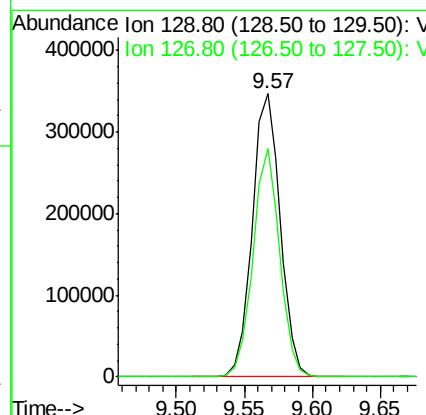
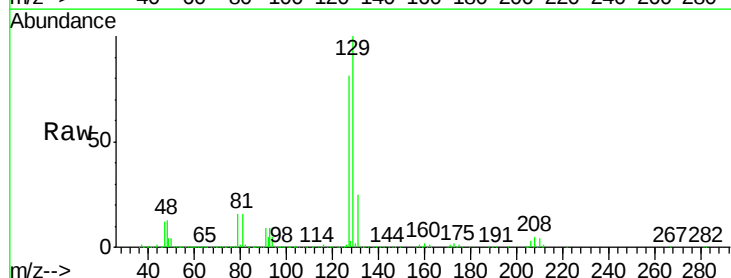
Manual Integrations
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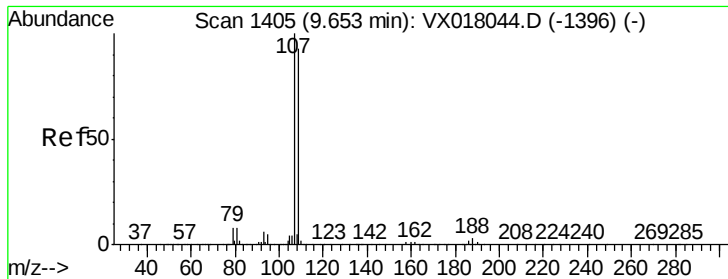
MMDadoda
8/28/2020 2:59:52 PM



#60
Dibromochloromethane
Concen: 50.588 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 129 Resp: 499858
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





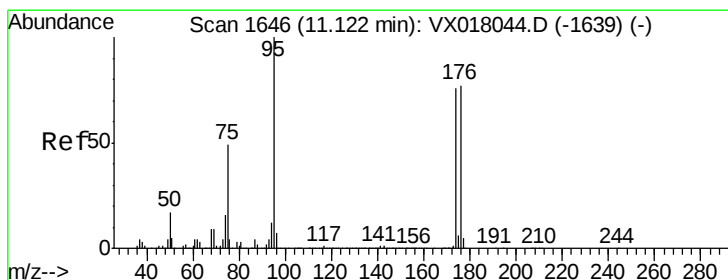
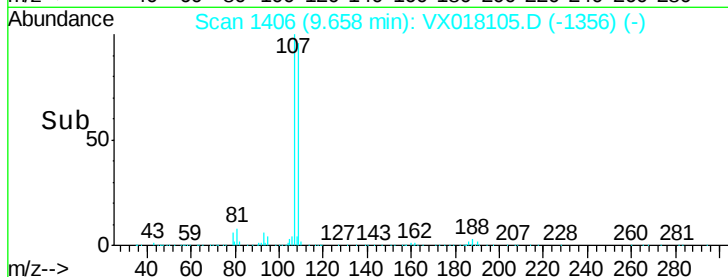
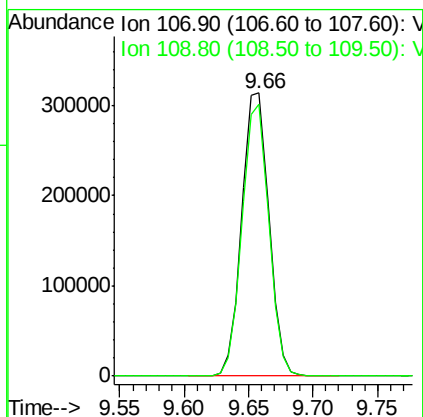
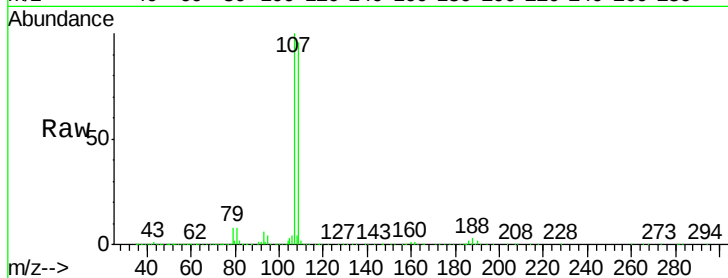
#61
 1,2-Dibromoethane
 Concen: 50.104 ug/l
 RT: 9.66 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.9	113.9

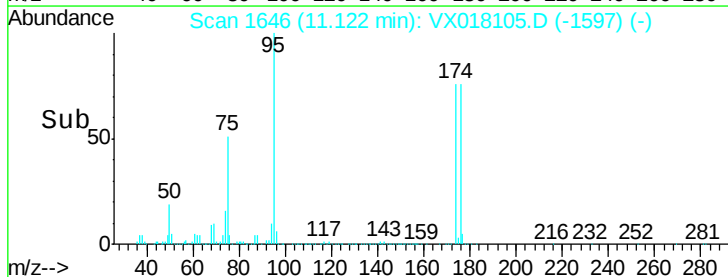
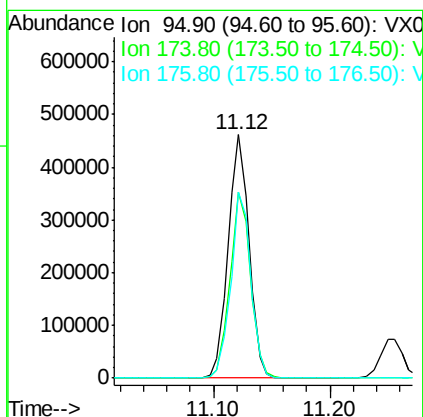
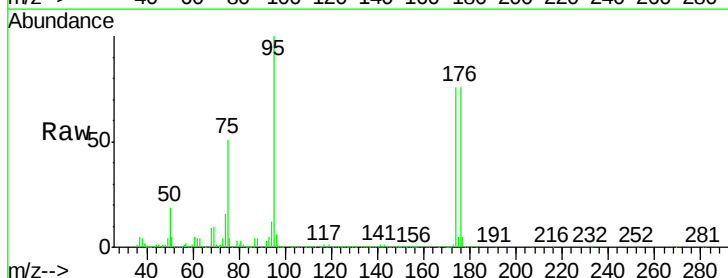
Manual Integrations
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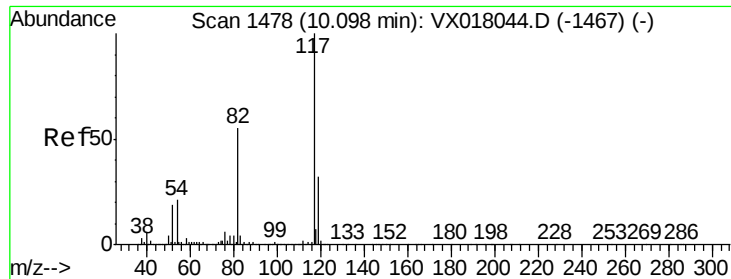
MMDadoda
 8/28/2020 2:59:52 PM



#62
 4-Bromofluorobenzene
 Concen: 50.024 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	160.2
176	73.6	0.0	155.8





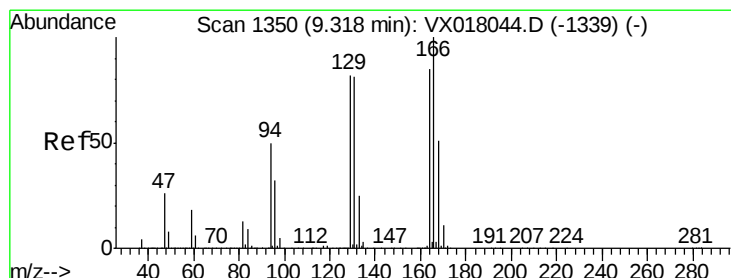
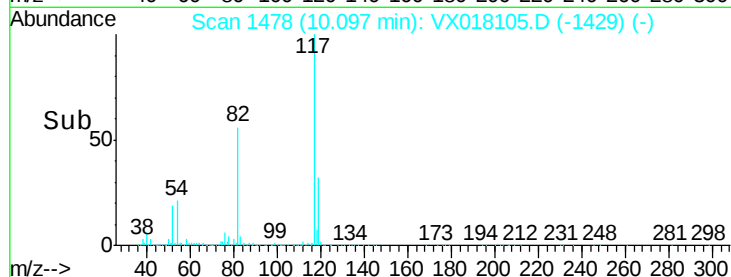
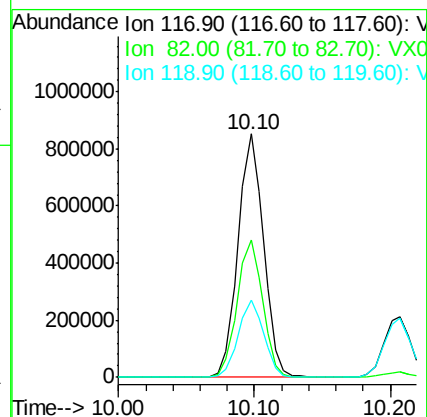
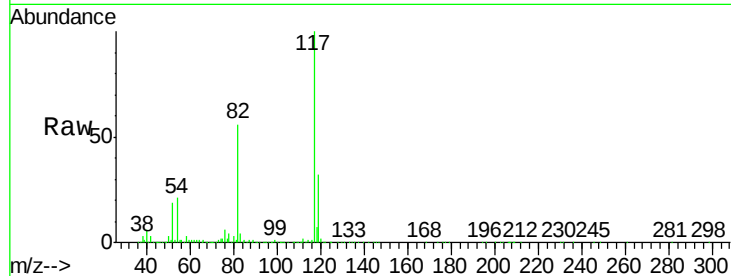
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.2	66.2
119	31.7	25.7	38.5

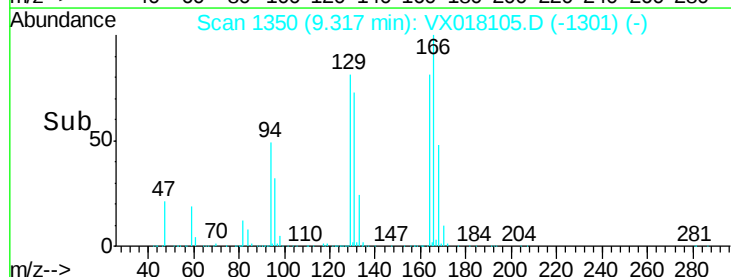
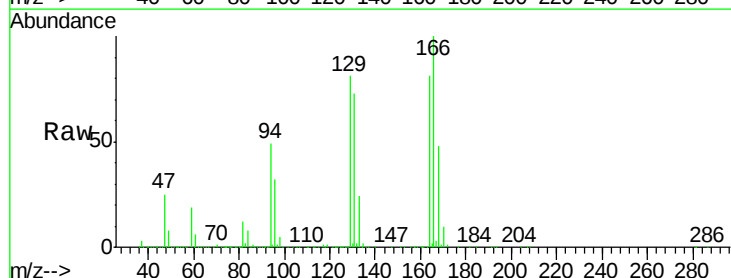
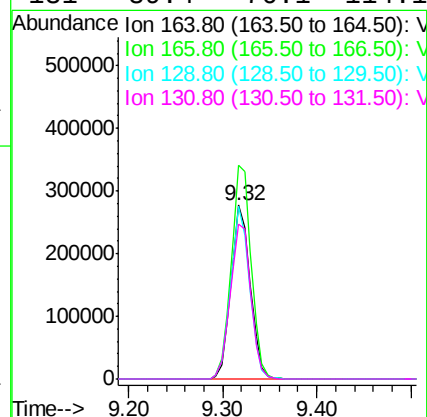
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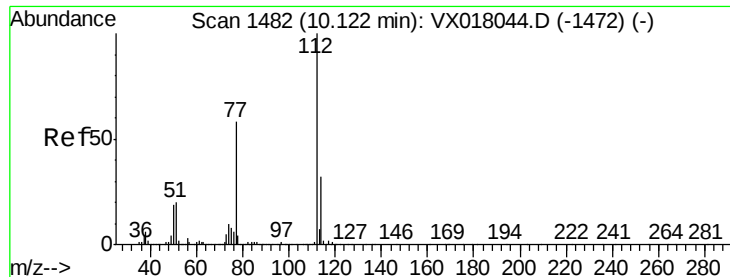
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#64
Tetrachloroethene
Concen: 48.244 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	94.2	141.2
129	99.7	76.9	115.3
131	89.4	76.1	114.1





#65

Chlorobenzene

Concen: 49.652 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1106300

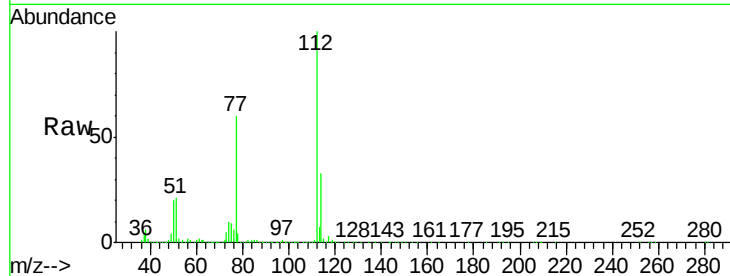
Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5

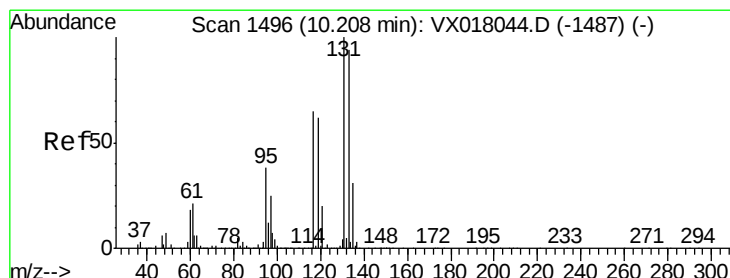
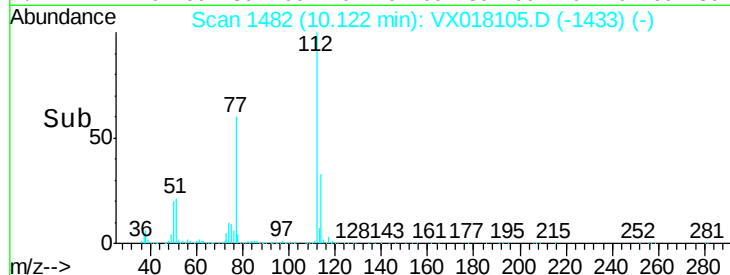
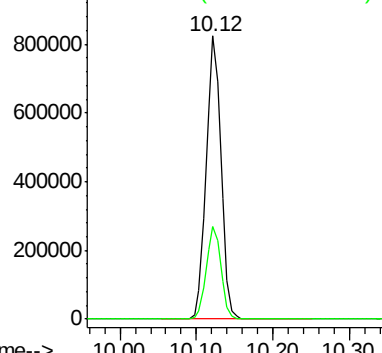
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.743 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

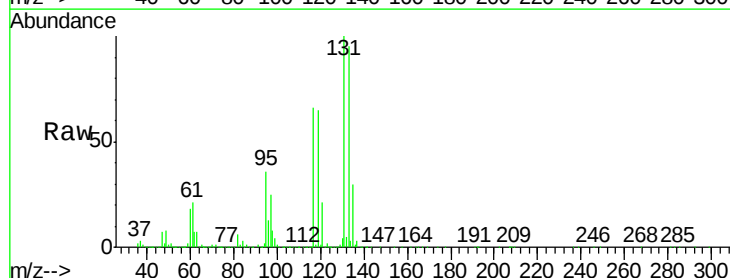
Tgt Ion:131 Resp: 428051

Ion Ratio Lower Upper

131 100

133 97.4 46.7 140.1

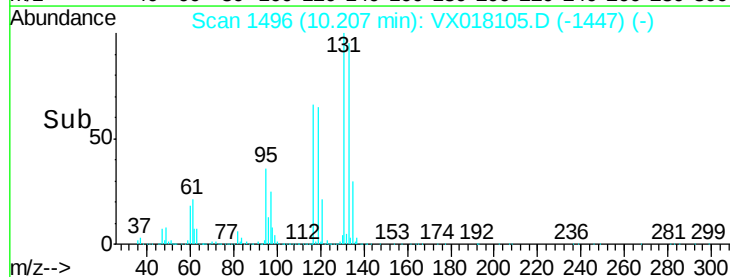
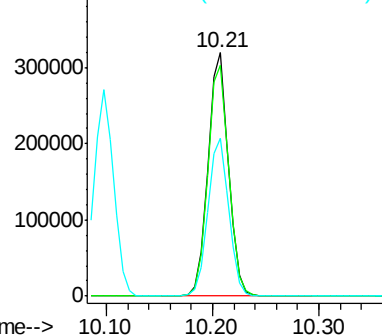
119 66.2 31.8 95.4

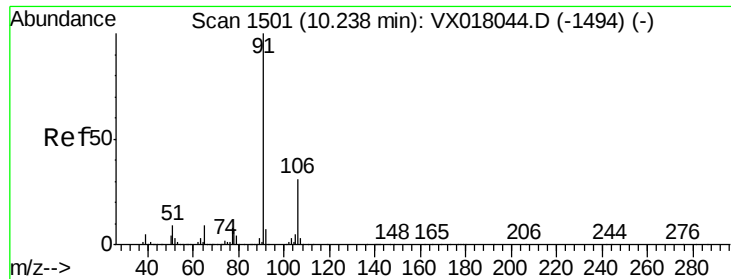


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





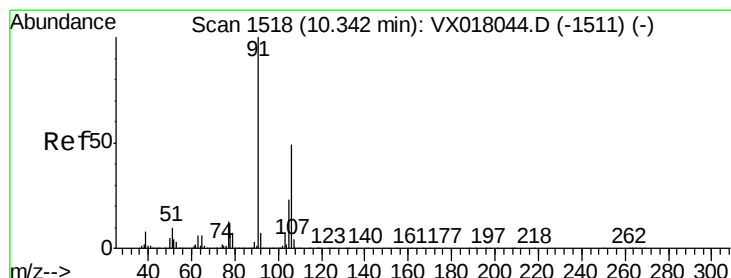
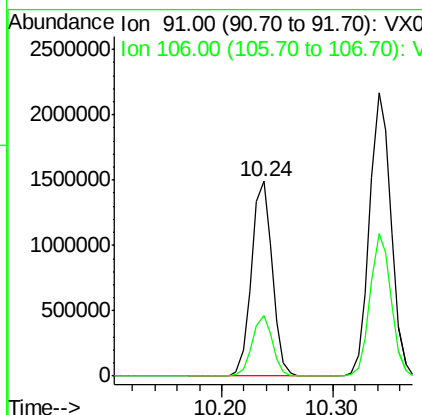
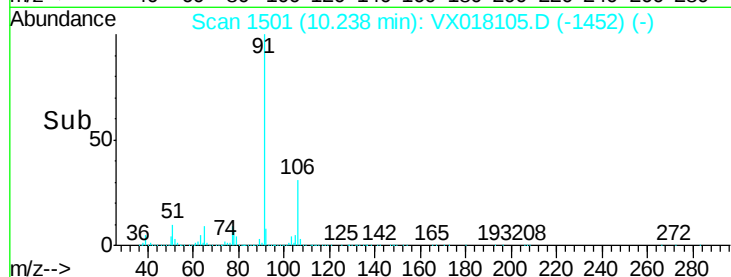
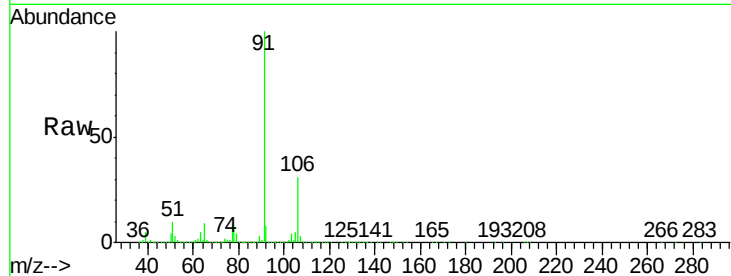
#67
Ethyl Benzene
Concen: 50.980 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1931686
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

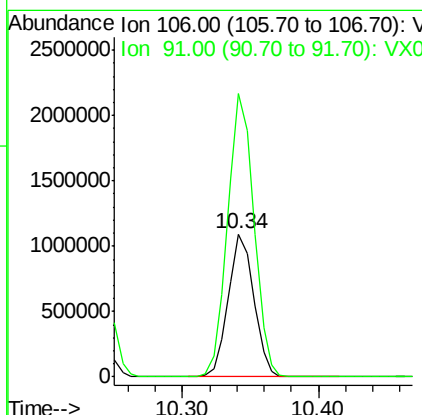
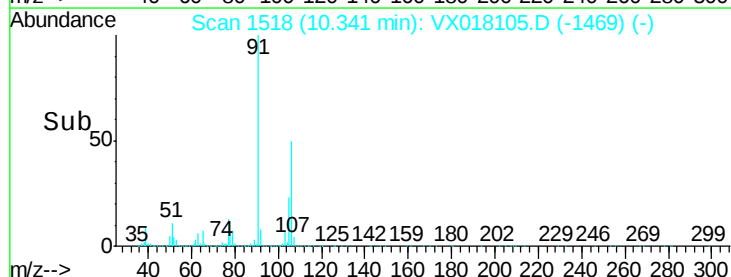
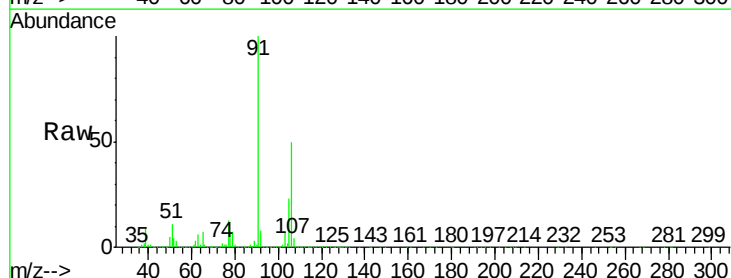
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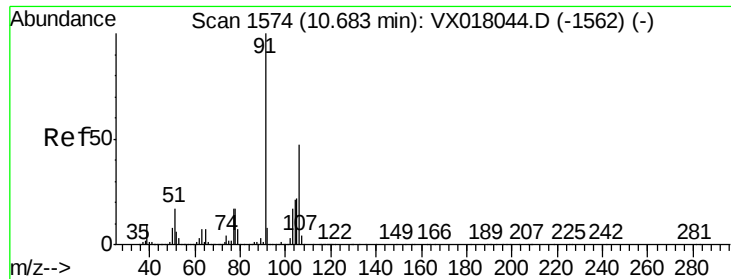
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#68
m/p-Xylenes
Concen: 101.496 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 106 Resp: 1435440
Ion Ratio Lower Upper
106 100
91 203.1 162.2 243.2





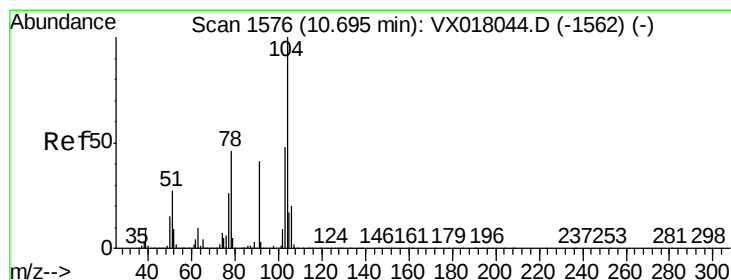
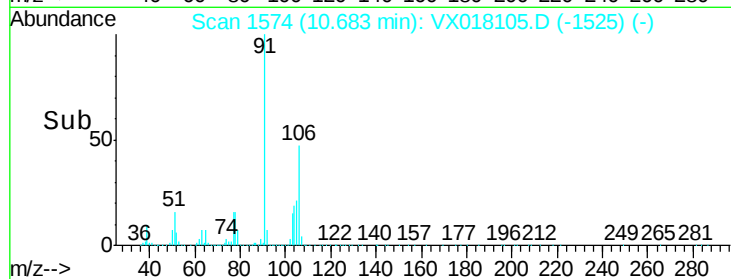
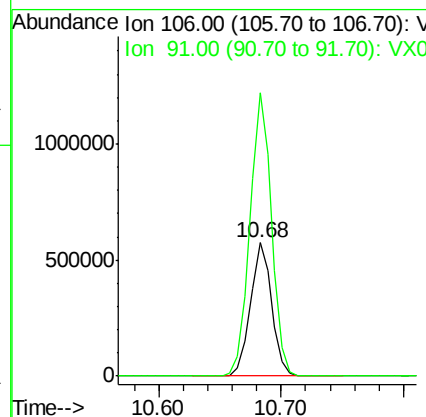
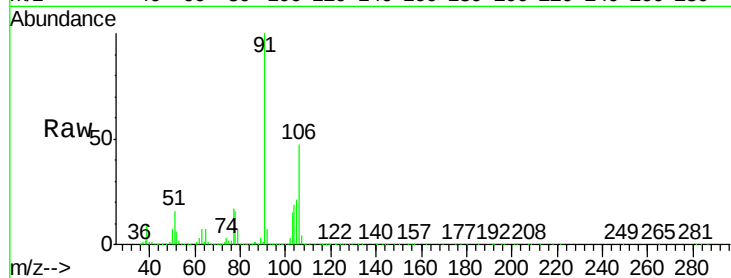
#69
o-Xylene
Concen: 50.326 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.3	107.1	321.3

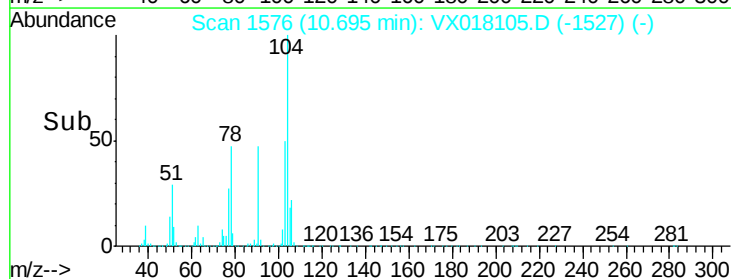
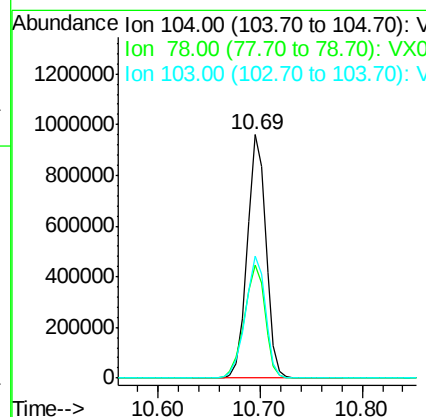
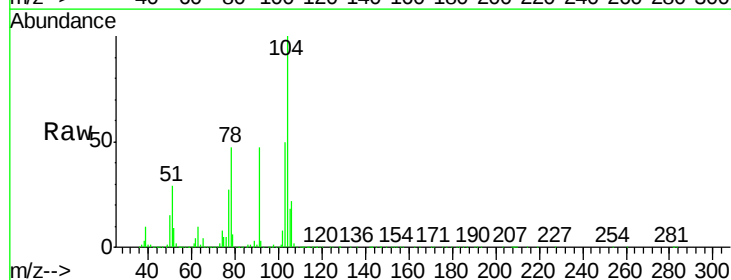
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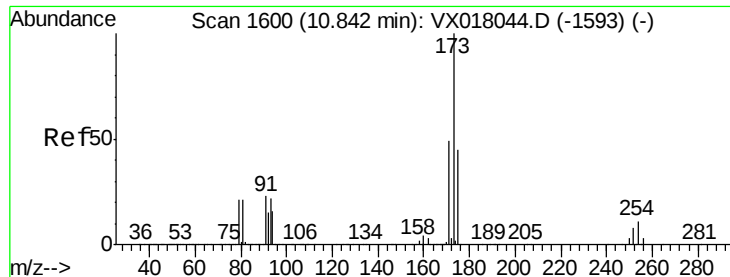
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#70
Styrene
Concen: 51.760 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.9	61.3
103	54.4	43.6	65.4





#71

Bromoform

Concen: 49.790 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

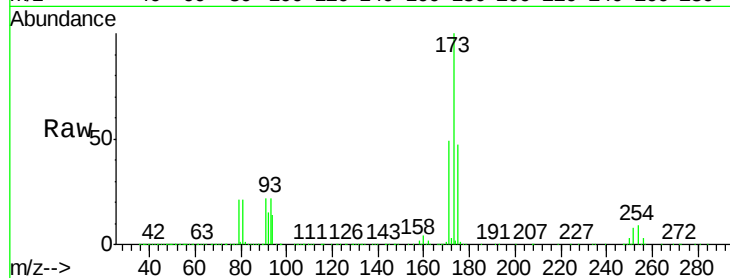
ClientSampleId :

VSTDCCC050EC

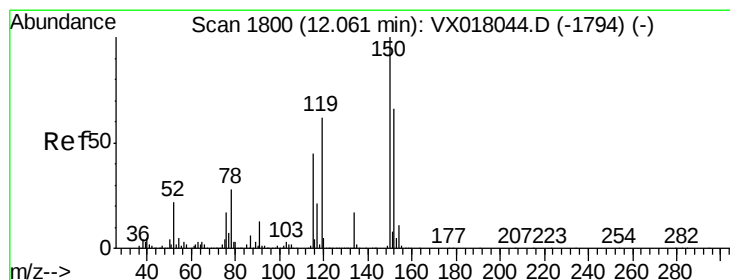
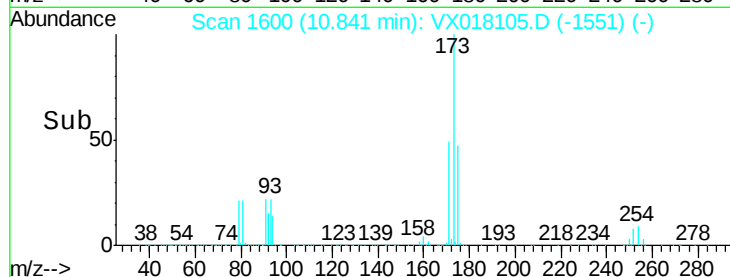
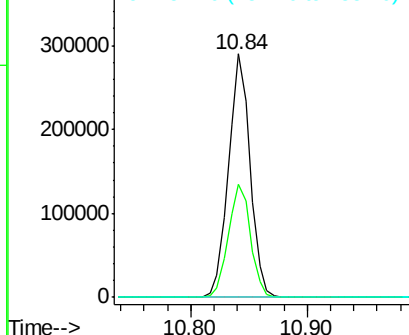
Tot Ion:	173	Resp:	372954
Ion Ratio	Lower	Upper	
173	100		
175	47.9	23.9	71.8
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

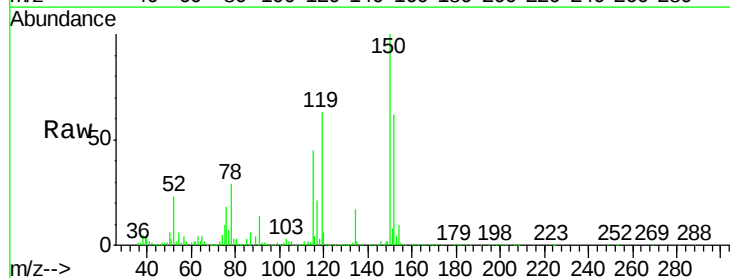
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

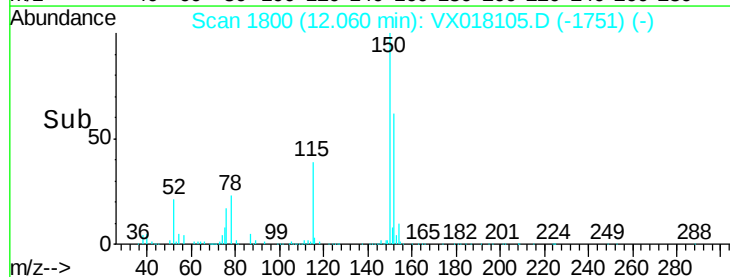
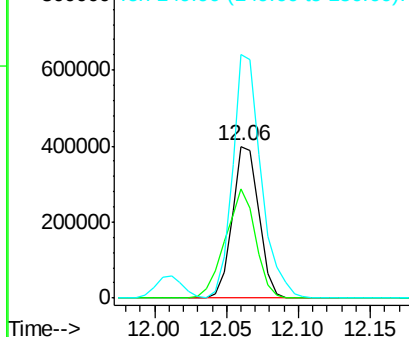
Lab File: VX018105.D

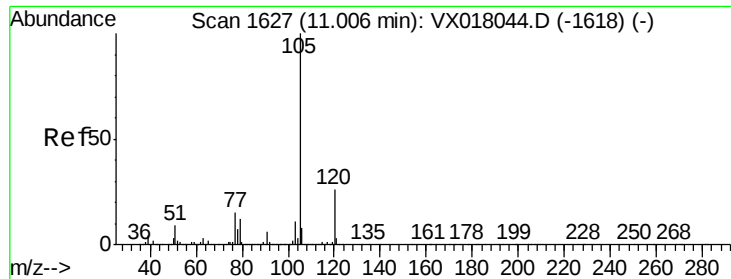
Acq: 27 Aug 2020 20:31

Tgt Ion:	152	Resp:	511241
Ion Ratio	Lower	Upper	
152	100		
115	82.6	41.5	124.5
150	173.5	0.0	343.8



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: 53.278 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1796634

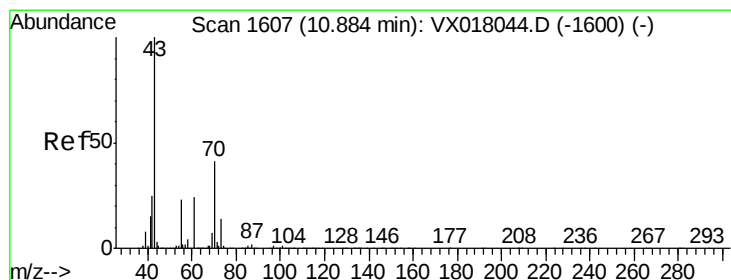
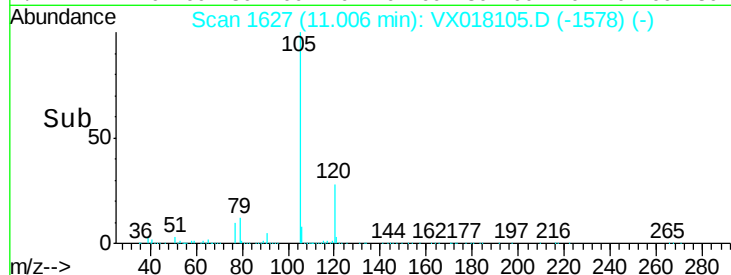
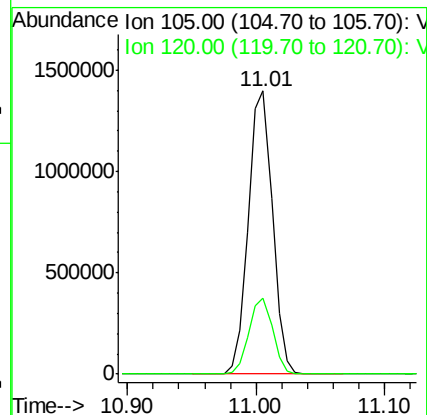
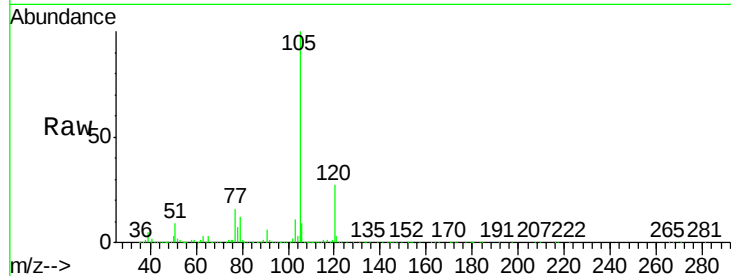
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 58.472 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion: 43 Resp: 935546

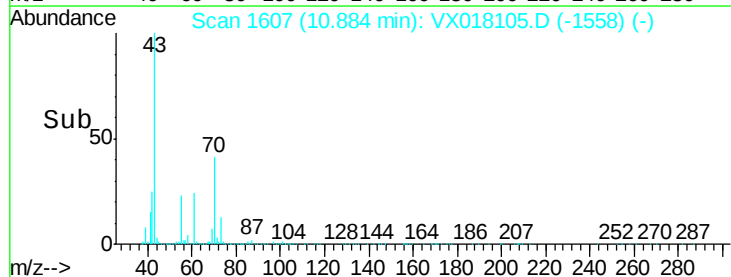
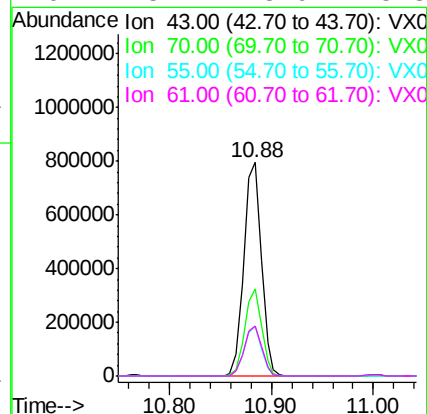
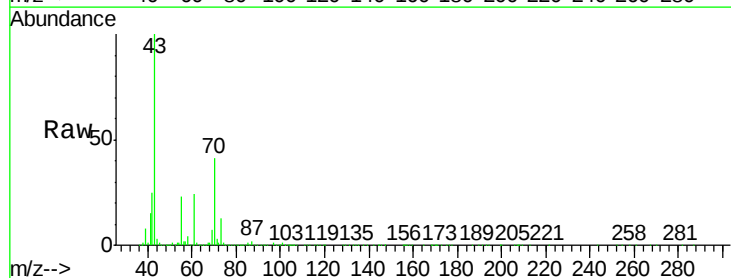
Ion Ratio Lower Upper

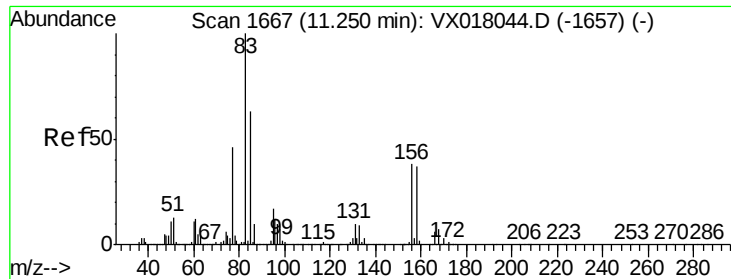
43 100

70 39.6 32.3 48.5

55 22.7 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.582 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

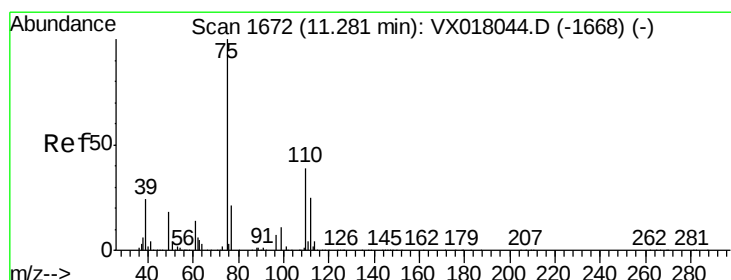
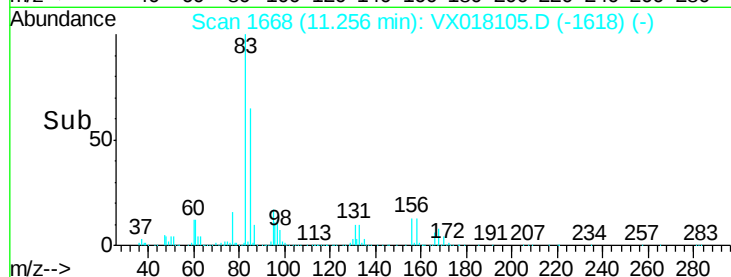
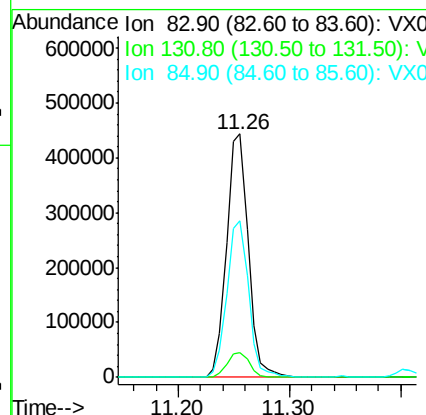
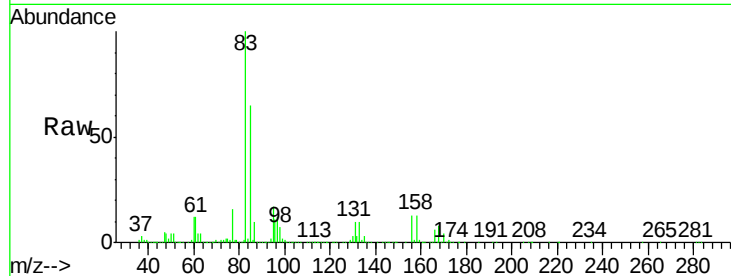
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	601724
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.648 ug/l m

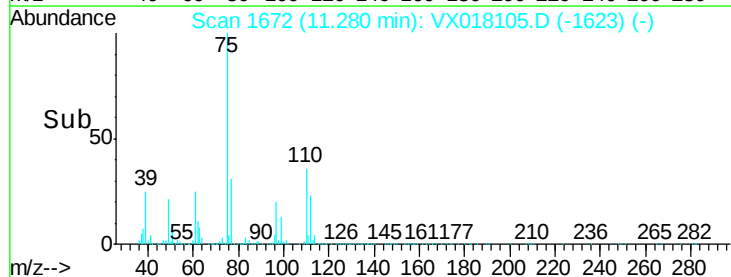
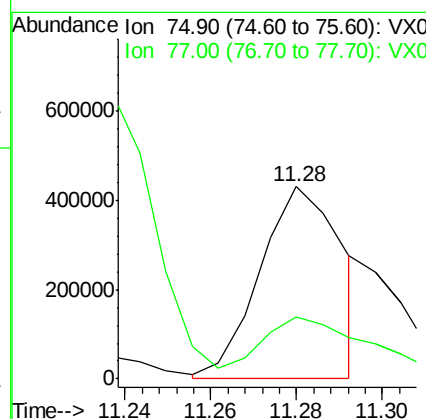
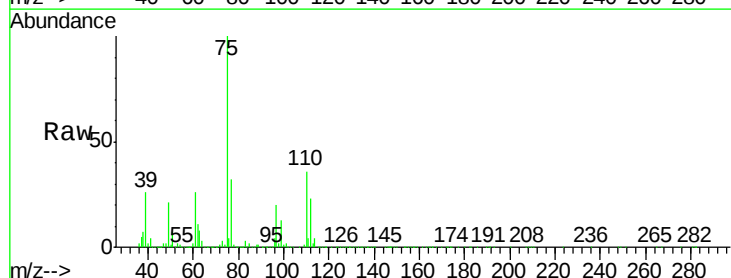
RT: 11.28 min Scan# 1672

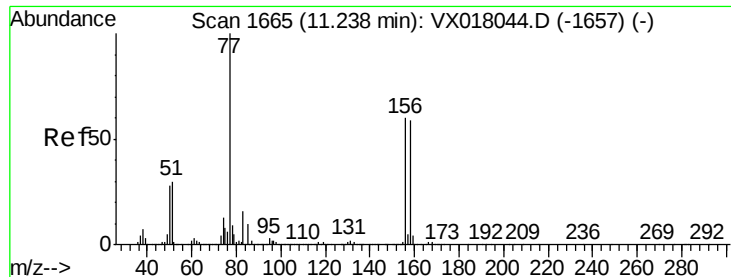
Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion:	75	Resp:	576009
Ion Ratio	Lower	Upper	
75	100		
77	42.6	20.8	62.2





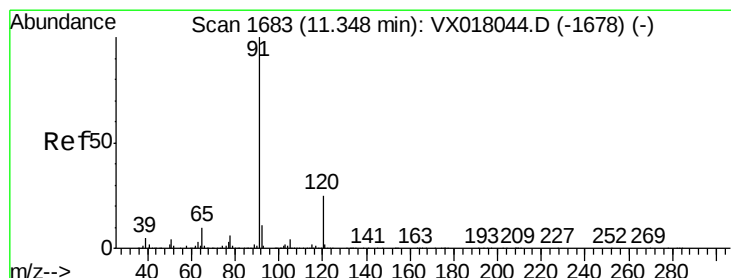
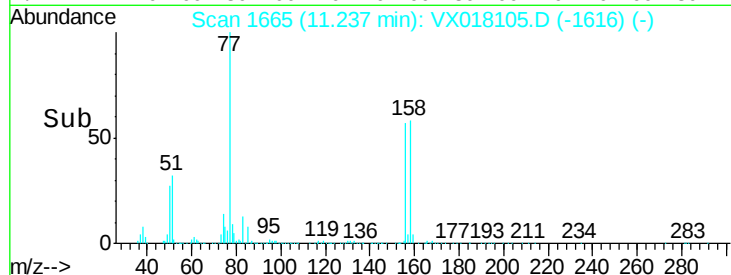
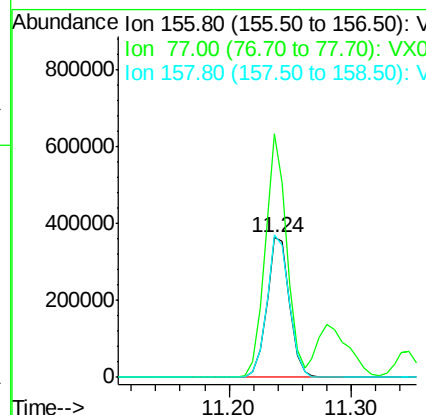
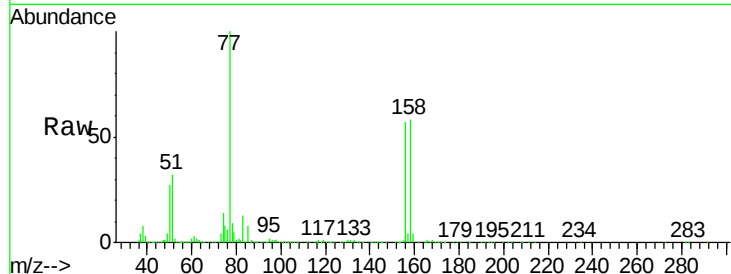
#77
Bromobenzene
Concen: 50.249 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	166.6	80.0	240.2
158	100.0	49.5	148.7

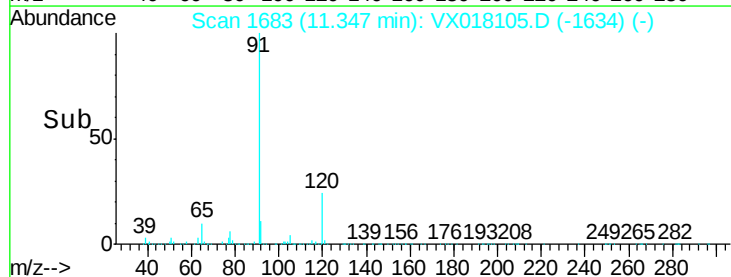
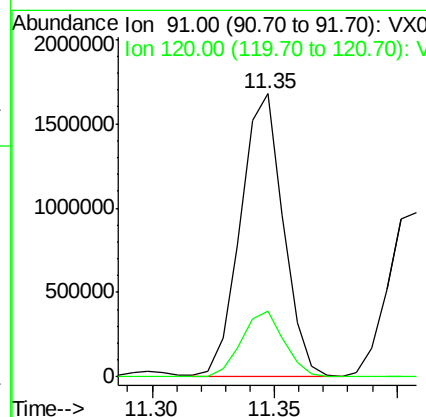
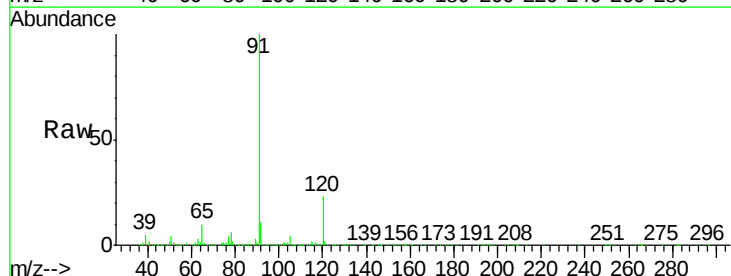
Manual Integrations
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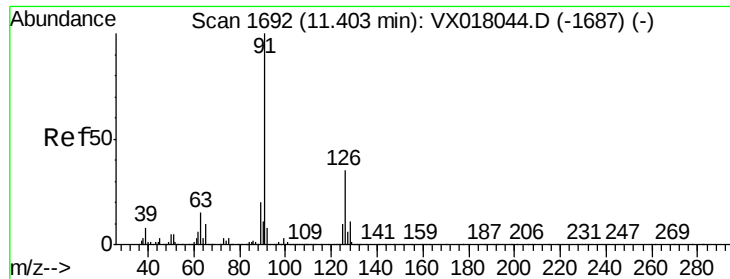
MMDadoda
8/28/2020 2:59:52 PM



#78
n-propylbenzene
Concen: 52.885 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.9





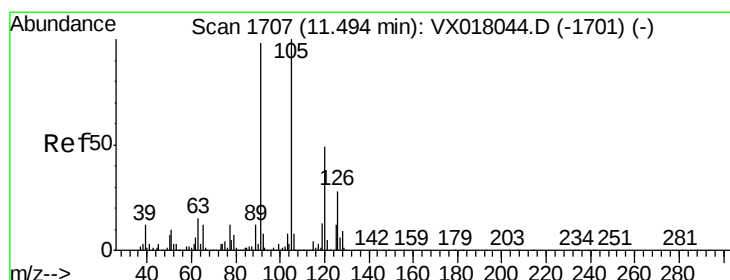
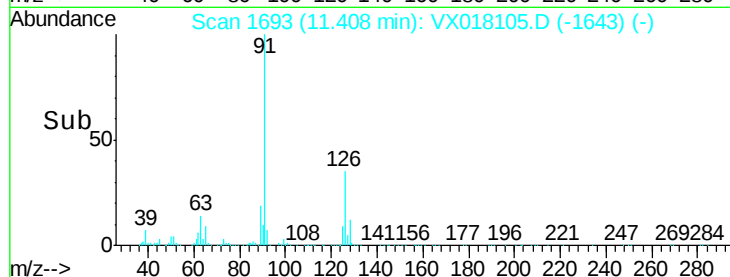
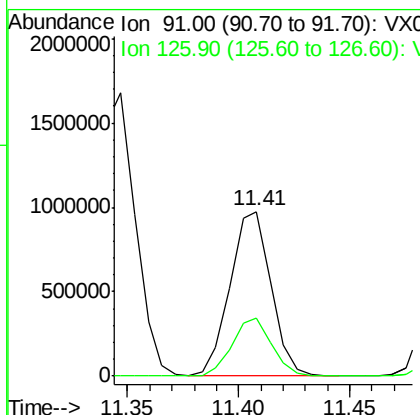
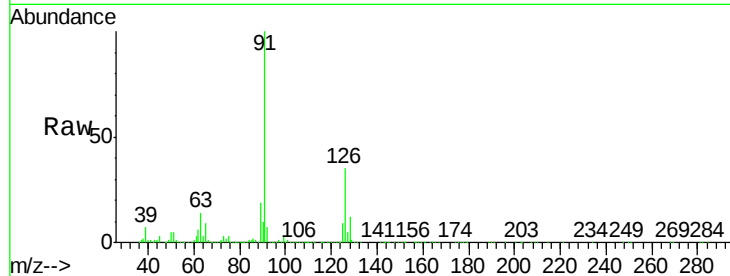
#79
2-Chlorotoluene
Concen: 52.557 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1243305
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.2

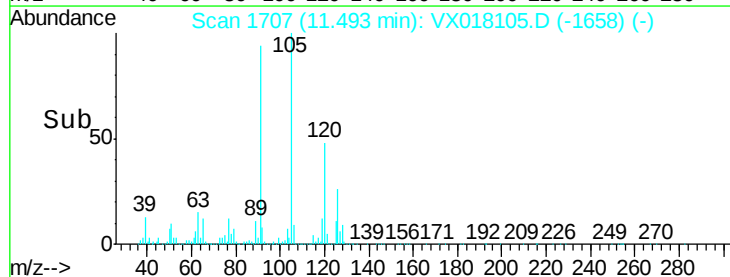
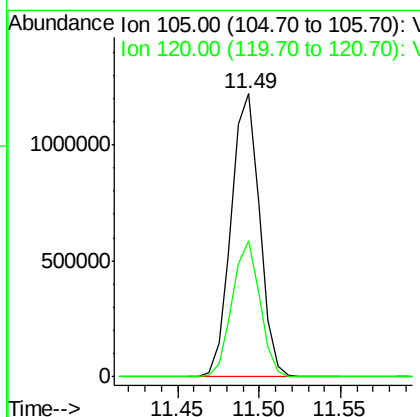
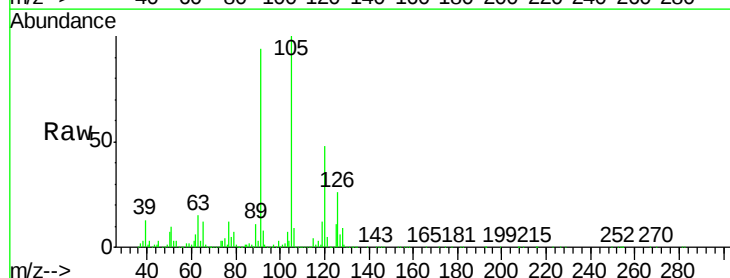
Manual Integrations
APPROVED

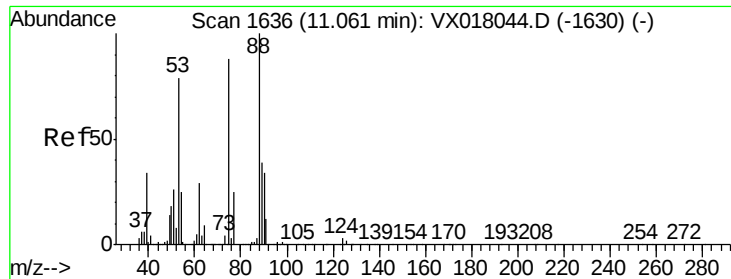
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#80
1,3,5-Trimethylbenzene
Concen: 53.220 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 105 Resp: 1474791
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.2





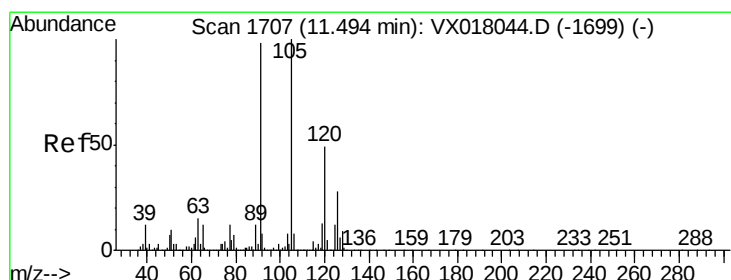
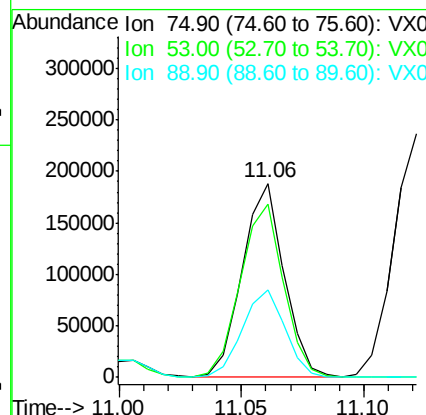
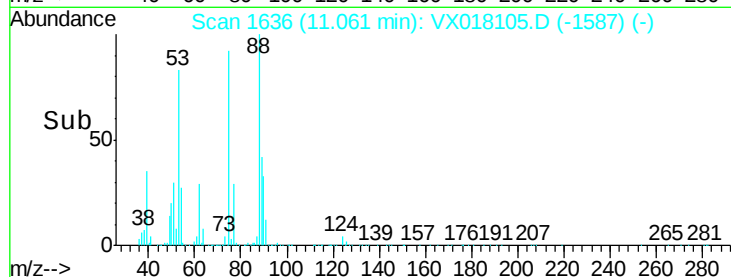
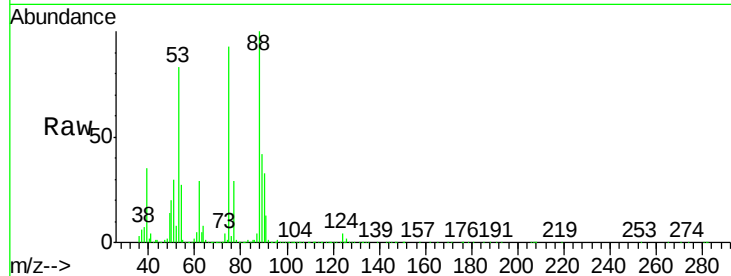
#81
trans-1,4-Dichloro-2-butene
Concen: 53.240 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	74.7	112.1
89	46.1	36.6	54.8

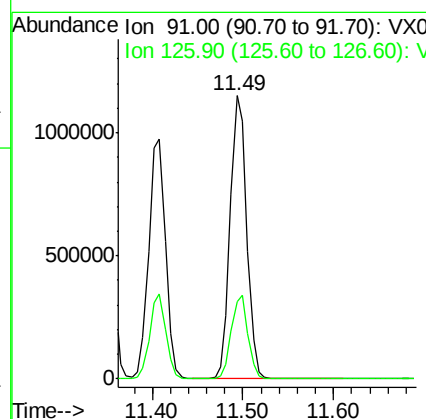
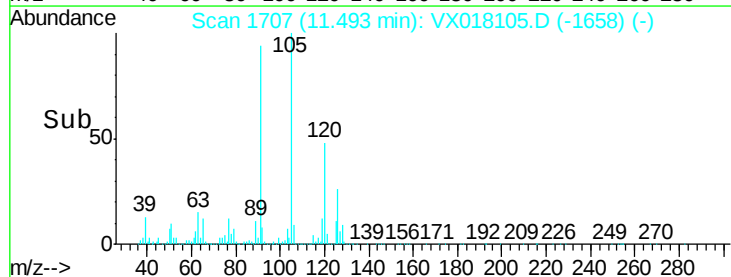
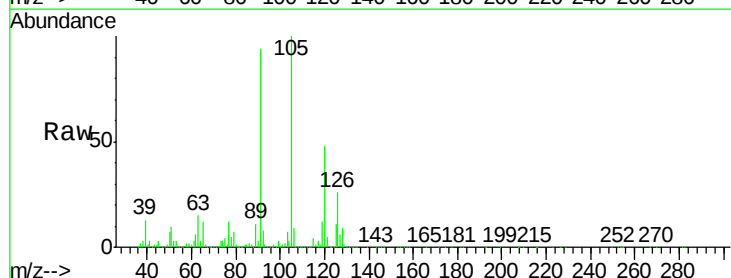
Manual Integrations
APPROVED

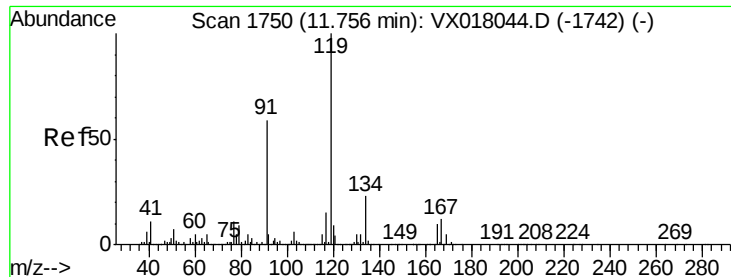
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#82
4-Chlorotoluene
Concen: 51.772 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	15.1	45.3





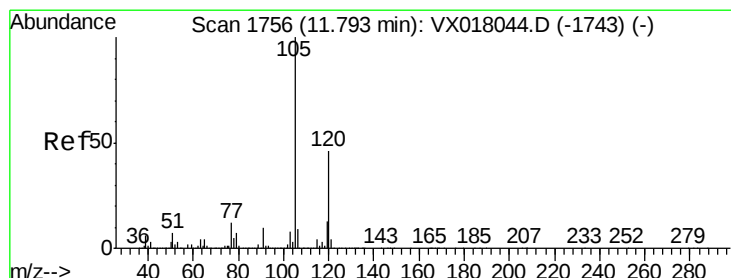
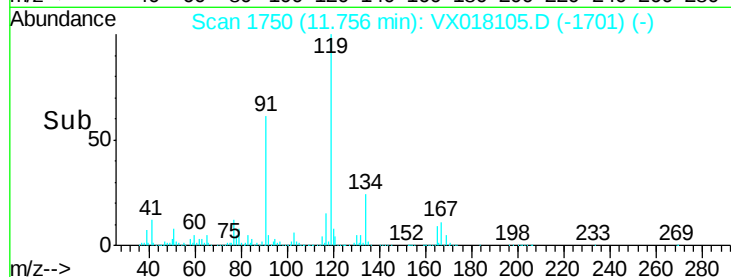
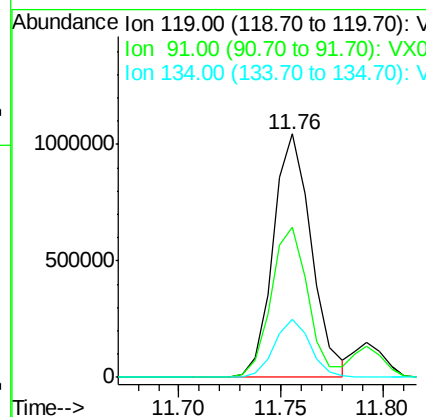
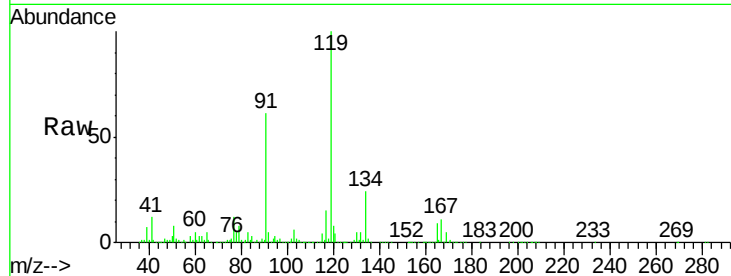
#83
tert-Butylbenzene
Concen: 49.975 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	28.2	84.7
134	22.5	11.3	33.8

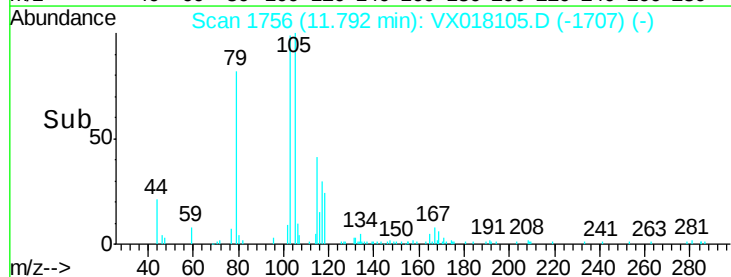
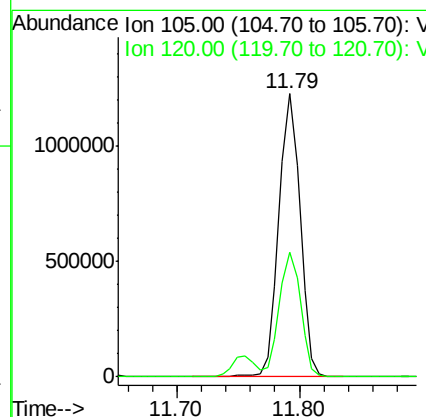
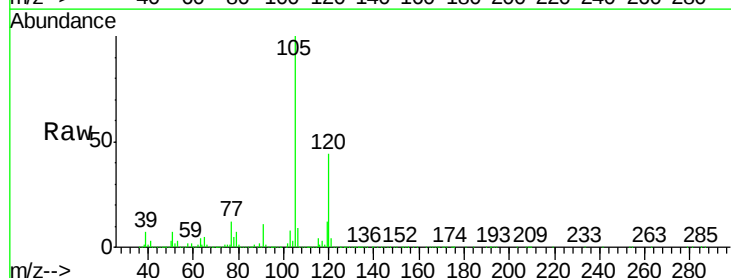
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 52.470 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9





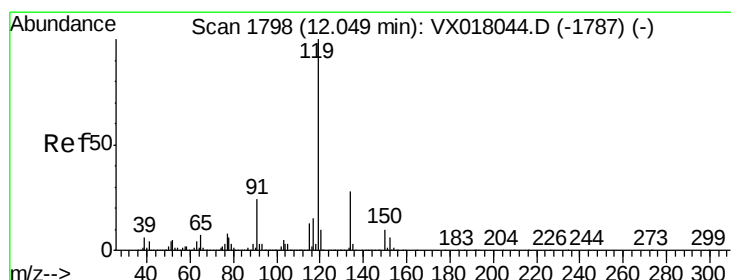
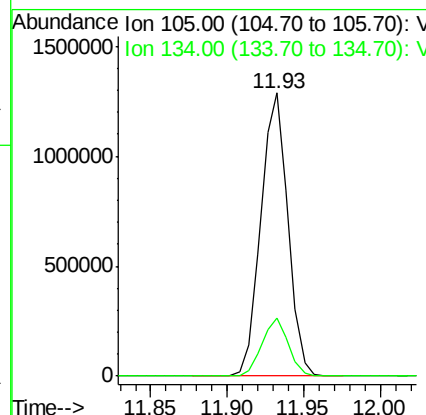
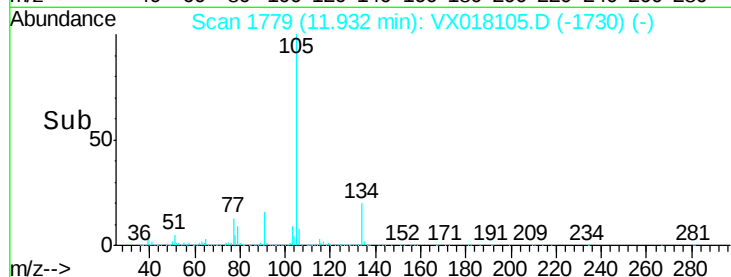
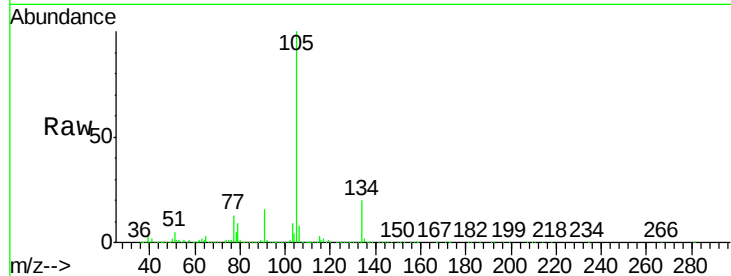
#85
 sec-Butylbenzene
 Concen: 50.945 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.3

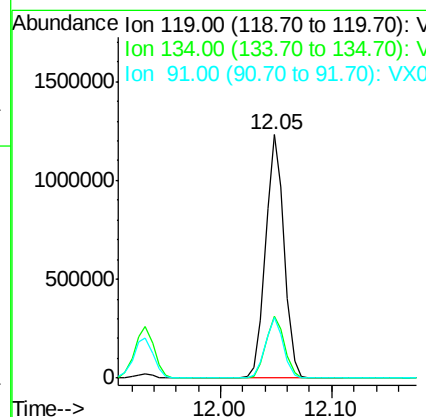
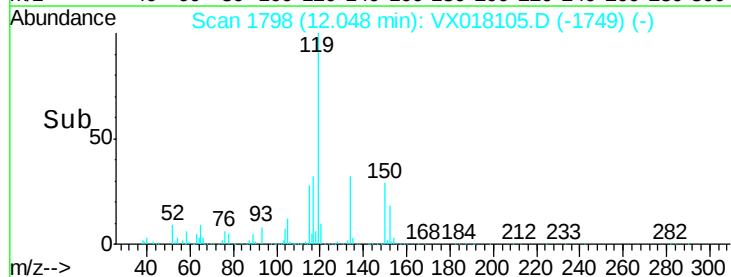
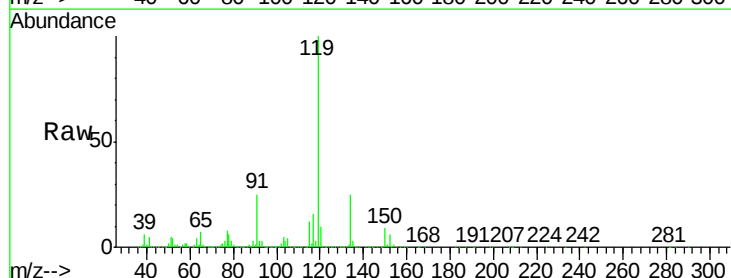
Manual Integrations
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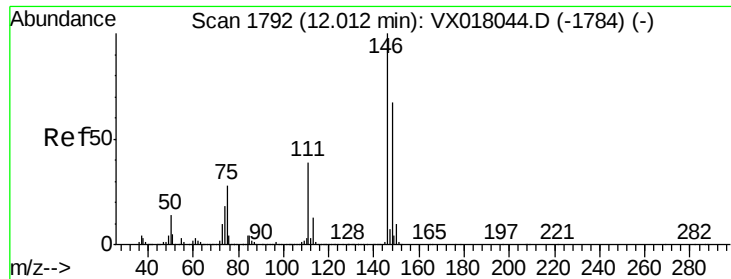
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#86
 p-Isopropyltoluene
 Concen: 50.253 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.2	39.5
91	24.2	11.8	35.4





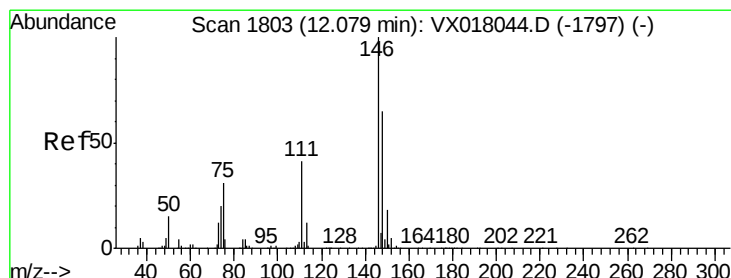
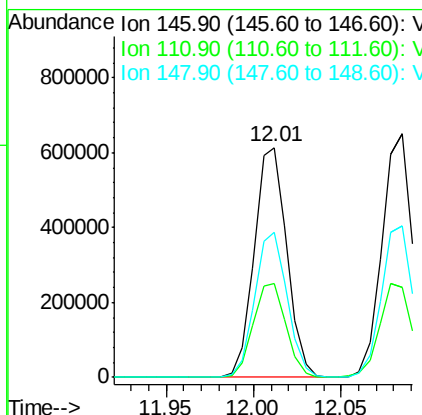
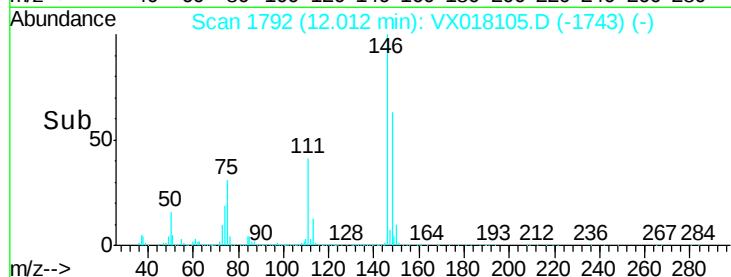
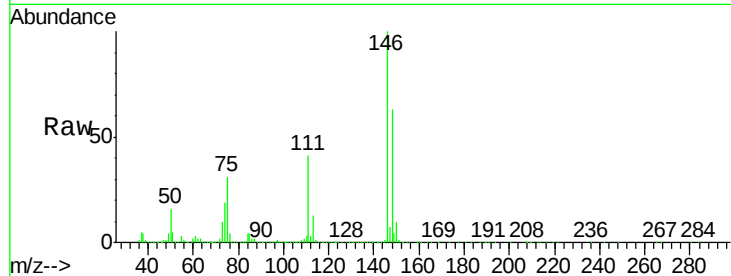
#87
 1,3-Dichlorobenzene
 Concen: 48.995 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	62.7	33.1	99.2

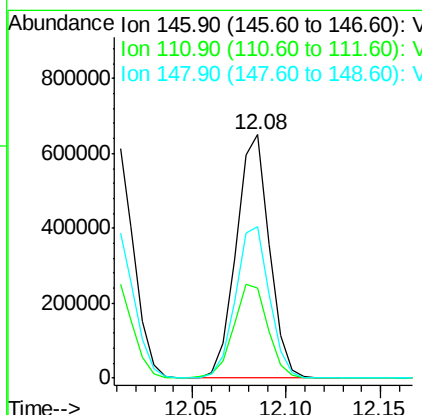
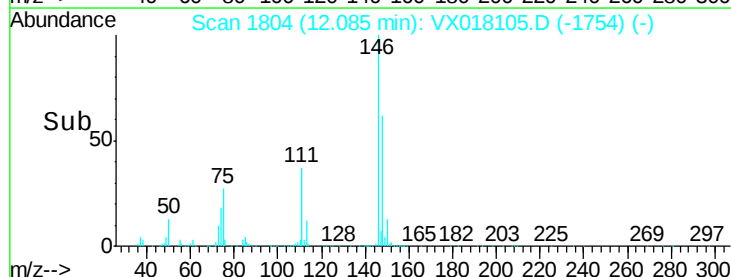
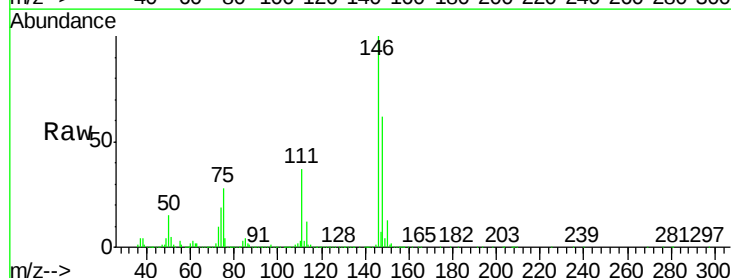
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 48.397 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	63.8	33.1	99.2





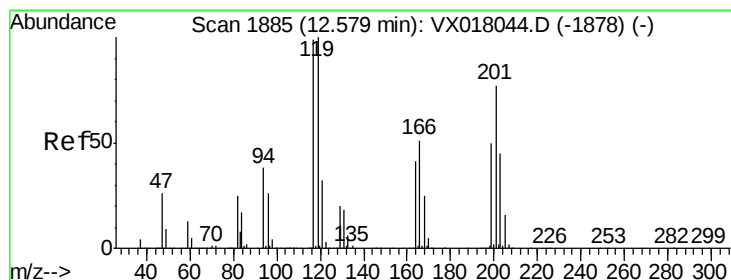
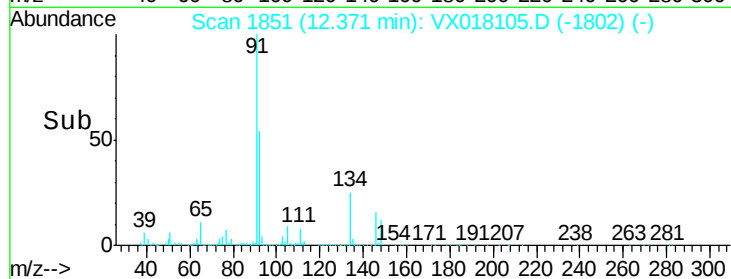
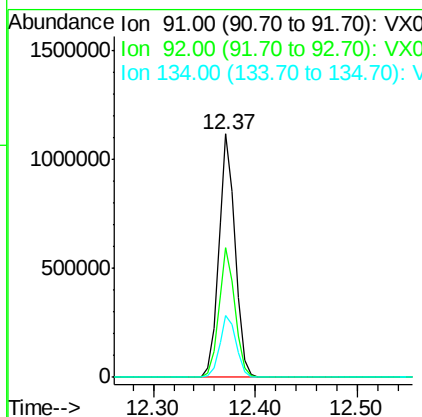
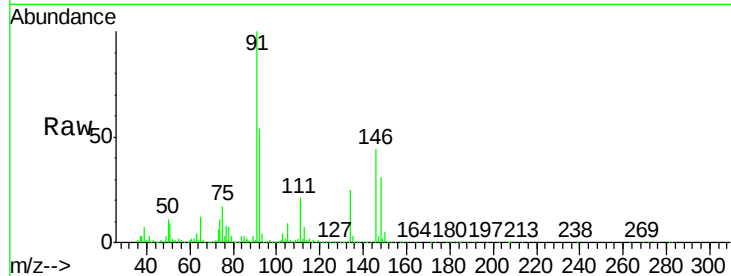
#89
n-Butylbenzene
Concen: 47.807 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.9	12.9	38.7

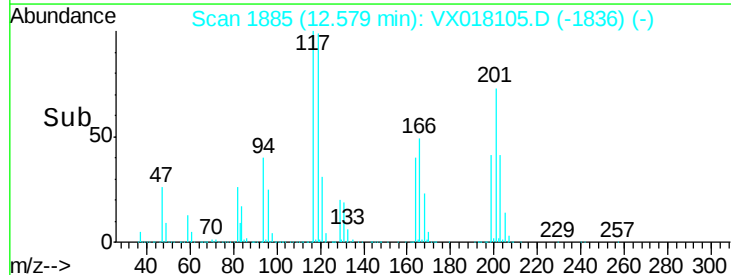
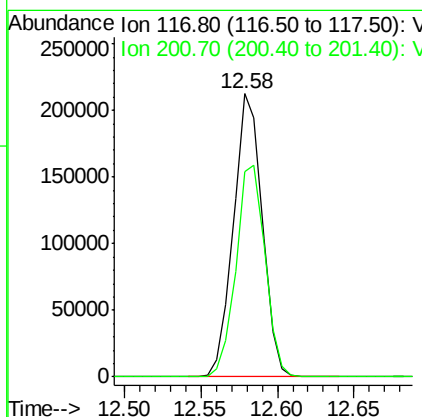
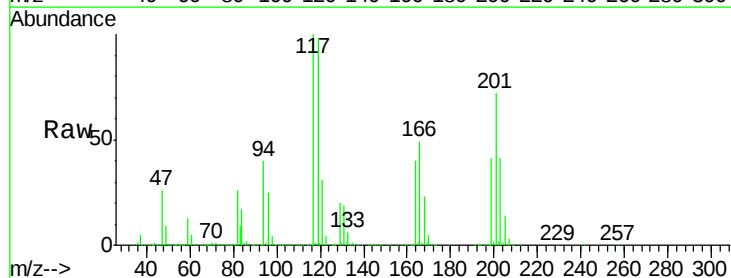
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#90
Hexachloroethane
Concen: 49.034 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	38.5	115.3





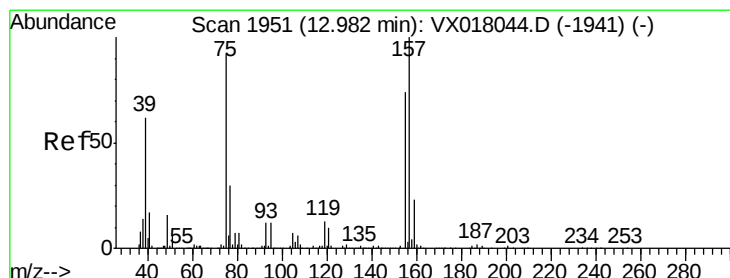
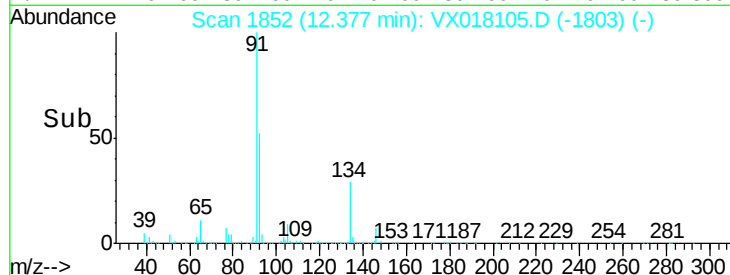
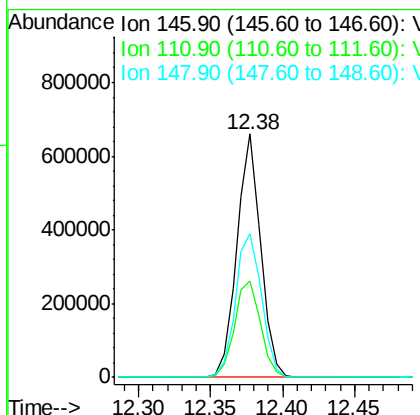
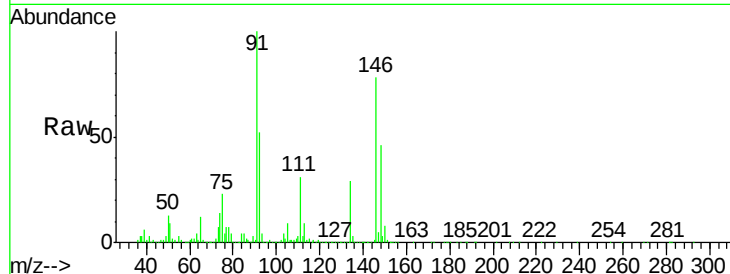
#91
 1,2-Dichlorobenzene
 Concen: 49.409 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.8	62.5
148	64.7	31.6	95.0

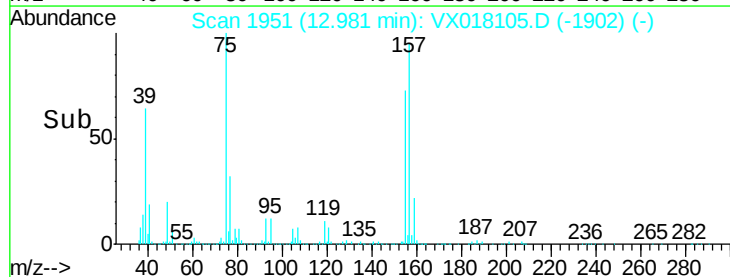
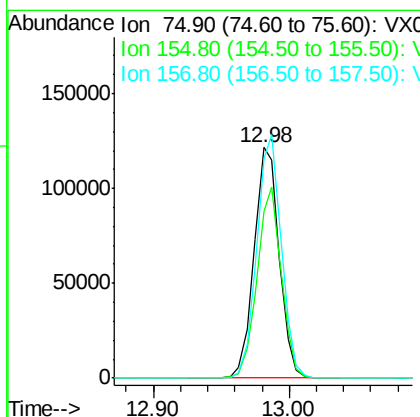
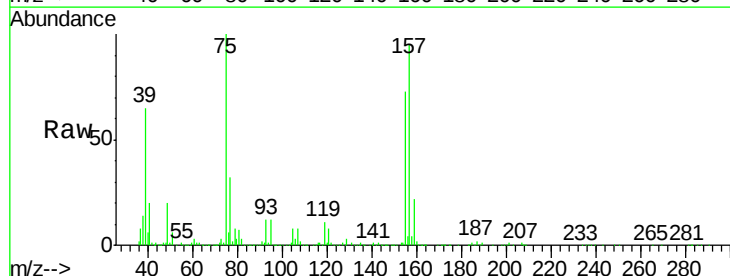
Manual Integrations
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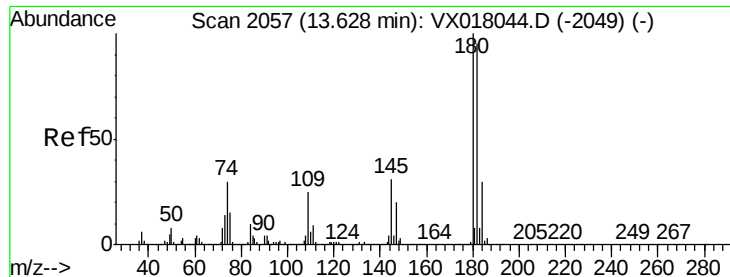
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.081 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	40.2	120.6
157	103.5	55.0	165.2





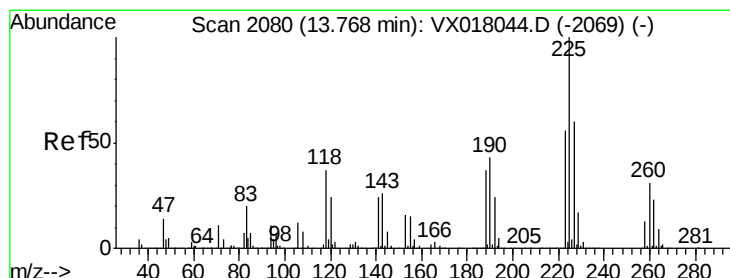
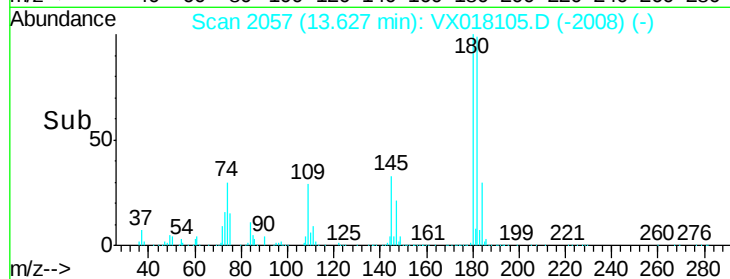
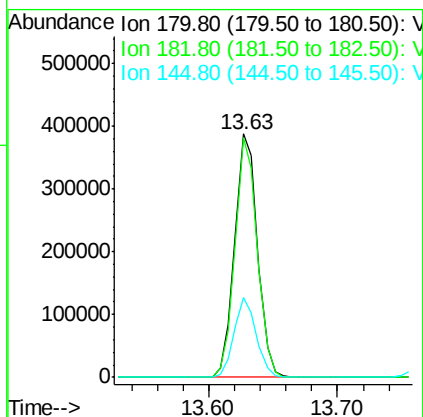
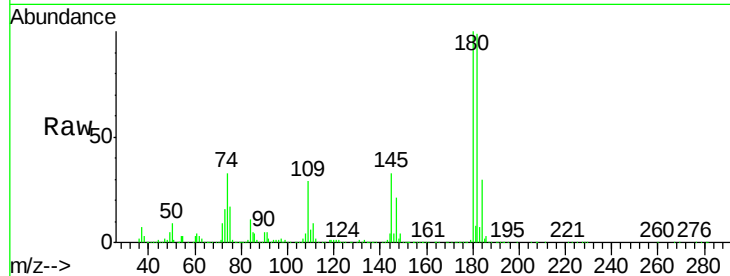
#93
 1,2,4-Trichlorobenzene
 Concen: 46.765 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	480413		
182	96.1	47.5	142.6	
145	31.8	15.7	47.1	

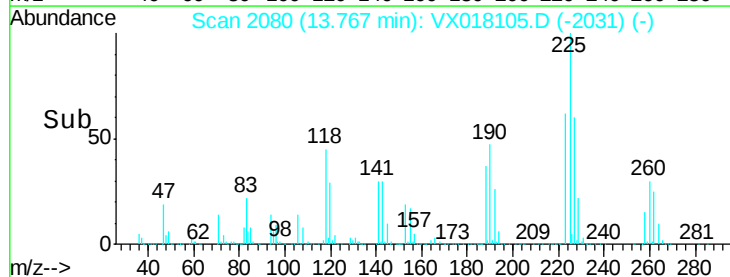
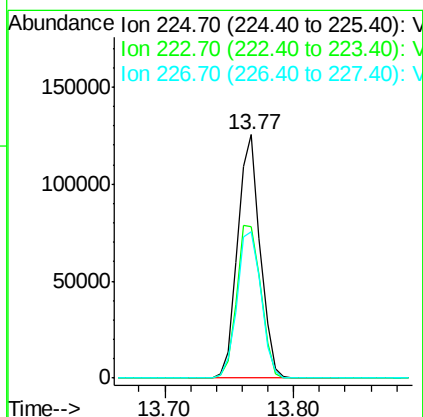
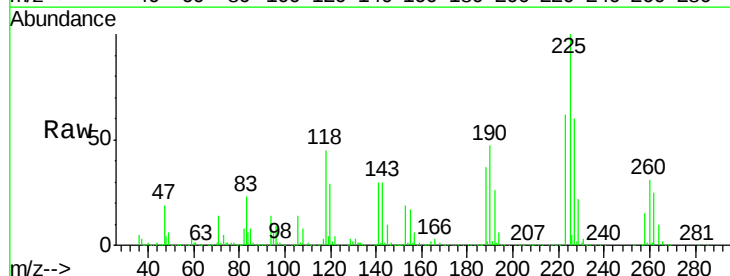
Manual Integrations
 APPROVED

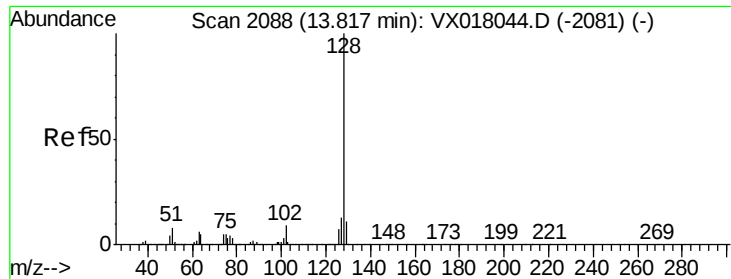
MMDadoda
 8/28/2020 2:59:52 PM



#94
 Hexachlorobutadiene
 Concen: 37.629 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152471		
223	66.9	30.7	92.1	
227	64.2	32.6	97.8	





#95

Naphthalene

Concen: 53.725 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1816336

Ion Ratio Lower Upper

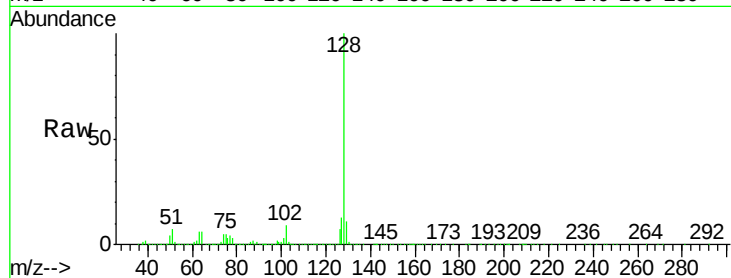
128 100

127 12.8 10.2 15.2

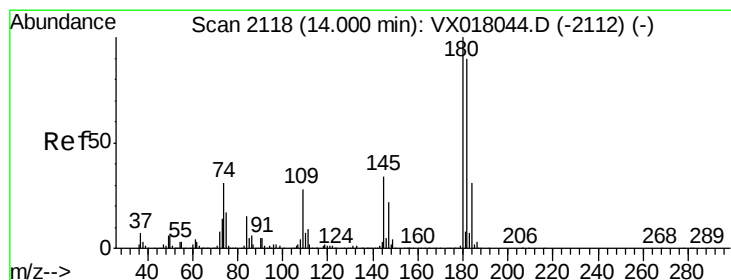
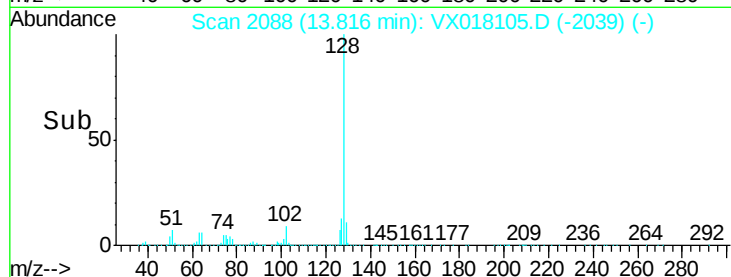
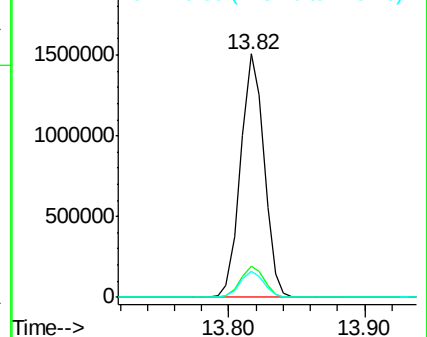
129 10.6 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
8/28/2020 2:59:52 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.911 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

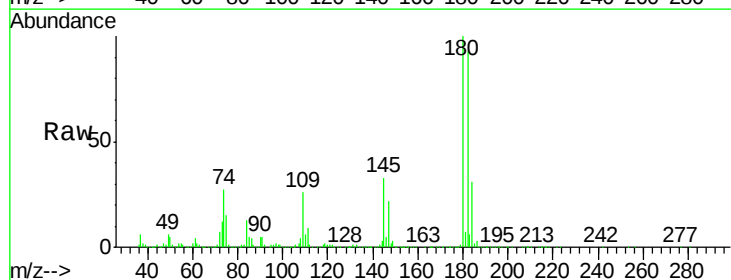
Tgt Ion:180 Resp: 476178

Ion Ratio Lower Upper

180 100

182 95.6 47.3 142.0

145 34.3 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

