

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019261.D
 Acq On : 04 Nov 2020 01:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:58:52 AM

Quant Time: Nov 04 03:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	443205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172086	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.46	113	138249	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.70	98	530077	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.12	95	201544	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	112018	51.851	ug/l	98
3) Chloromethane	1.31	50	131483	54.476	ug/l	99
4) Vinyl Chloride	1.40	62	151154	54.002	ug/l	99
5) Bromomethane	1.64	94	109610	57.341	ug/l	99
6) Chloroethane	1.72	64	101043	56.539	ug/l	97
7) Trichlorofluoromethane	1.92	101	236225	53.719	ug/l	98
8) Diethyl Ether	2.17	74	94092	55.753	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128850	52.864	ug/l	98
10) Methyl Iodide	2.50	142	140746	49.059	ug/l	99
11) Tert butyl alcohol	3.02	59	156402	236.942	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130438	51.933	ug/l	97
13) Acrolein	2.28	56	97683	329.158	ug/l	99
14) Allyl chloride	2.71	41	204873	53.853	ug/l	99
15) Acrylonitrile	3.12	53	366529	264.245	ug/l	99
16) Acetone	2.42	43	291033	252.430	ug/l	99
17) Carbon Disulfide	2.56	76	357519	49.938	ug/l	100
18) Methyl Acetate	2.75	43	152776	54.493	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	469853	53.990	ug/l	99
20) Methylene Chloride	2.84	84	151218	52.244	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	150531	52.075	ug/l	96
22) Diisopropyl ether	3.82	45	436747	57.586	ug/l	99
23) Vinyl Acetate	3.78	43	1898321	280.678	ug/l	98
24) 1,1-Dichloroethane	3.67	63	263620	55.671	ug/l	100
25) 2-Butanone	4.64	43	472805	260.210	ug/l	97
26) 2,2-Dichloropropane	4.55	77	213097	47.869	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	173157	53.606	ug/l	99
28) Bromochloromethane	4.98	49	115041	53.439	ug/l	94
29) Tetrahydrofuran	5.09	42	310976	271.579	ug/l	97
30) Chloroform	5.18	83	279872	55.526	ug/l	99
31) Cyclohexane	5.55	56	228403	54.066	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	249586	54.617	ug/l	99
36) 1,1-Dichloropropene	5.77	75	211233	51.612	ug/l	98
37) Ethyl Acetate	4.79	43	193815	51.005	ug/l	99
38) Carbon Tetrachloride	5.76	117	214166	51.338	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	246160	50.302	ug/l	97
40) Benzene	6.11	78	615095	53.007	ug/l	100
41) Methacrylonitrile	5.00	41	106389	51.989	ug/l	99
42) 1,2-Dichloroethane	6.16	62	226907	53.058	ug/l	100
43) Isopropyl Acetate	6.41	43	328266	51.592	ug/l	99
44) Trichloroethene	7.19	130	166985	50.247	ug/l	97
45) 1,2-Dichloropropane	7.49	63	154410	54.327	ug/l	99
46) Dibromomethane	7.63	93	109021	51.872	ug/l	96
47) Bromodichloromethane	7.87	83	225096	54.337	ug/l	99
48) Methyl methacrylate	7.74	41	161960	52.886	ug/l	98
49) 1,4-Dioxane	7.74	88	64165	942.147	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	980242	268.048	ug/l	99
52) Toluene	8.76	92	395249	52.885	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	242349	51.219	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	259864	52.228	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	157335	53.281	ug/l	99
56) Ethyl methacrylate	9.16	69	238160	53.395	ug/l	98
57) 1,3-Dichloropropane	9.35	76	265132	53.254	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629711	252.442	ug/l	97
59) 2-Hexanone	9.47	43	724387	260.223	ug/l	99
60) Dibromochloromethane	9.57	129	168204	52.486	ug/l	98
61) 1,2-Dibromoethane	9.65	107	164798	52.188	ug/l	99
64) Tetrachloroethene	9.32	164	153547	49.461	ug/l	98
65) Chlorobenzene	10.12	112	411495	49.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	153523	51.206	ug/l	99
67) Ethyl Benzene	10.23	91	752162	50.685	ug/l	99
68) m/p-Xylenes	10.34	106	562012	100.906	ug/l	97
69) o-Xylene	10.68	106	271461	51.386	ug/l	98
70) Styrene	10.70	104	462649	51.327	ug/l	99
71) Bromoform	10.84	173	118024	49.650	ug/l	99
73) Isopropylbenzene	11.00	105	728743	50.210	ug/l	100
74) N-amyl acetate	10.88	43	283518	53.427	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	227938	50.251	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	213893m	50.522	ug/l	
77) Bromobenzene	11.24	156	177083	49.160	ug/l	95
78) n-propylbenzene	11.34	91	847124	51.130	ug/l	99
79) 2-Chlorotoluene	11.40	91	497299	50.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	623030	50.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73744	45.863	ug/l	96
82) 4-Chlorotoluene	11.49	91	595739	50.014	ug/l	99
83) tert-Butylbenzene	11.76	119	594293	50.621	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621344	50.196	ug/l	99
85) sec-Butylbenzene	11.93	105	716266	50.869	ug/l	99
86) p-Isopropyltoluene	12.05	119	665410	51.199	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329303	49.090	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	327474	46.897	ug/l	99
89) n-Butylbenzene	12.37	91	605570	49.571	ug/l	99
90) Hexachloroethane	12.58	117	112965	51.137	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	309851	48.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52165	46.978	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216946	44.839	ug/l	100
94) Hexachlorobutadiene	13.76	225	92491	43.426	ug/l	99
95) Naphthalene	13.82	128	701138	46.011	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210172	44.777	ug/l	99

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

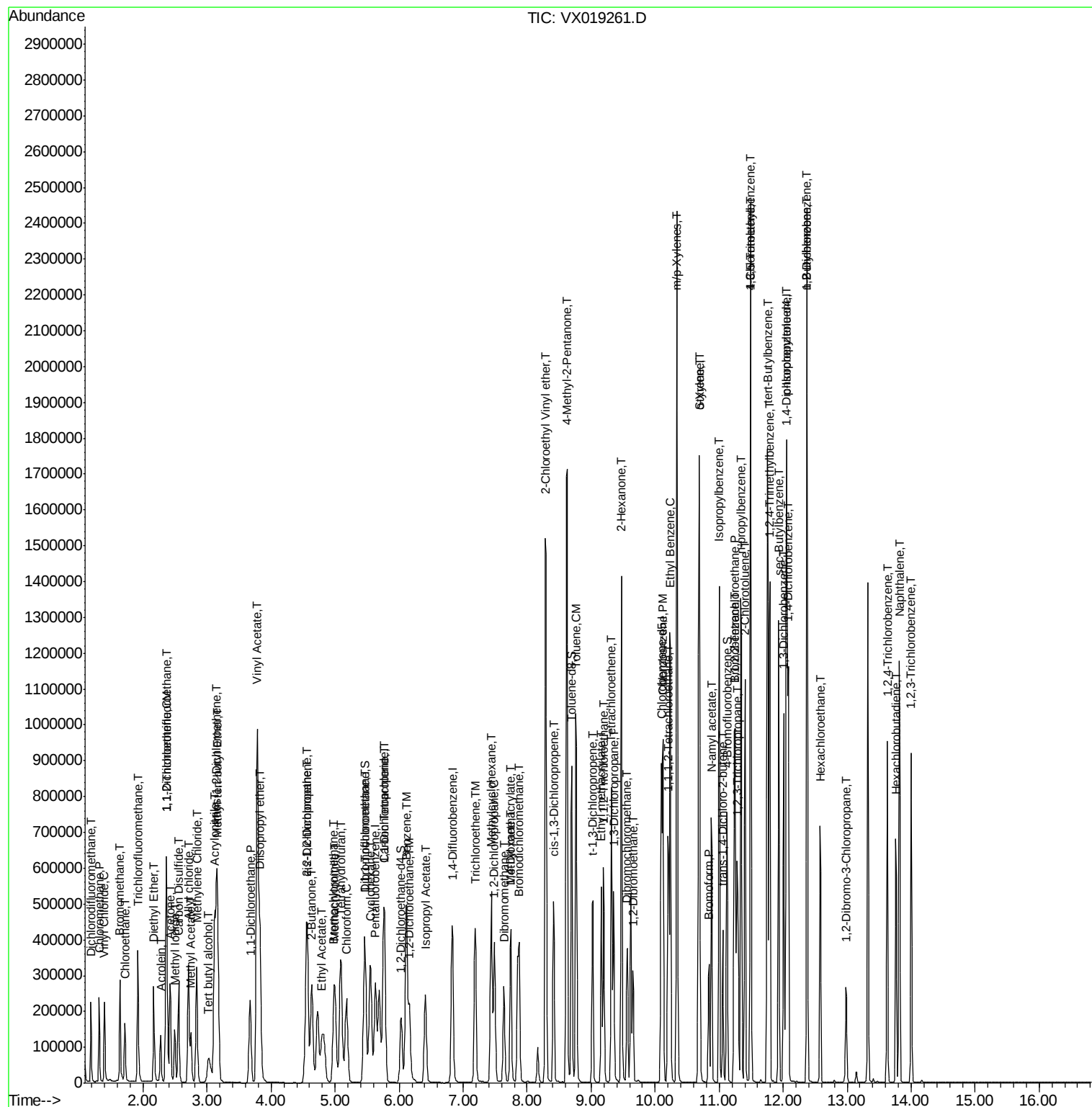
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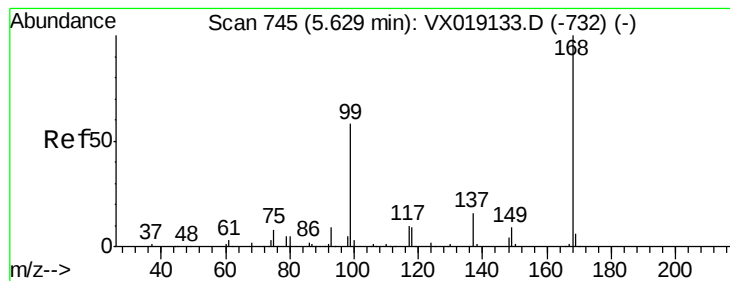
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 259143

Ion Ratio Lower Upper

168 100

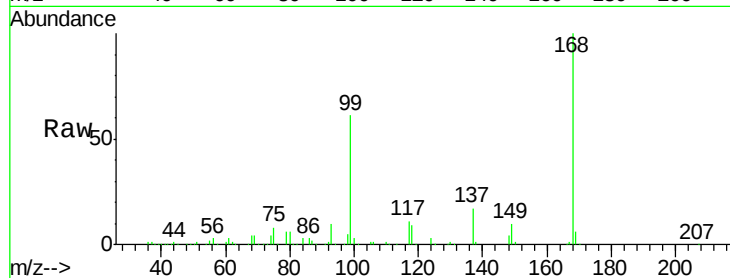
99 60.7 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

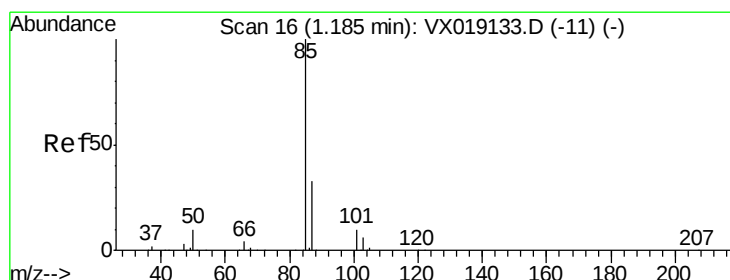
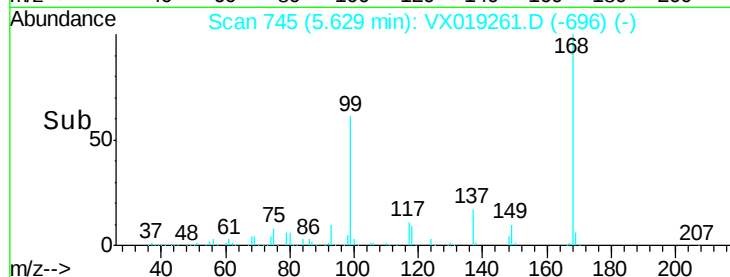
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.851 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019261.D

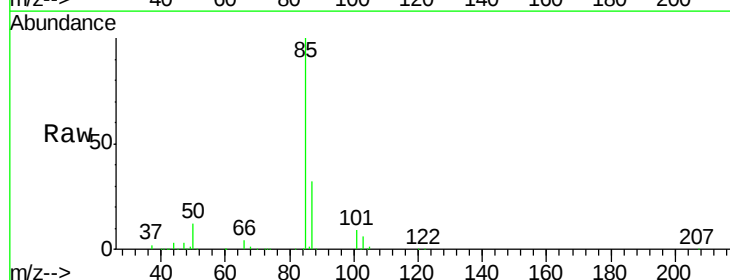
Acq: 04 Nov 2020 01:59

Tgt Ion: 85 Resp: 112018

Ion Ratio Lower Upper

85 100

87 32.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

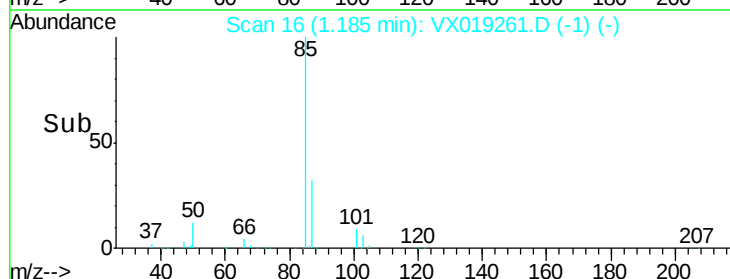
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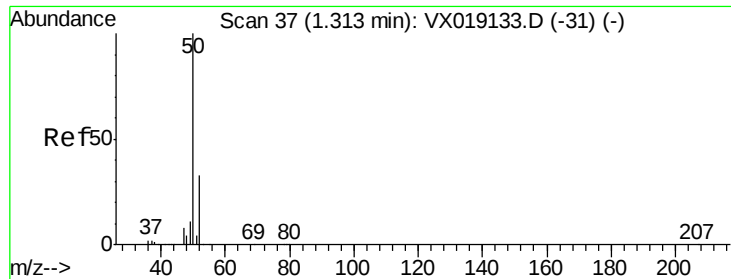
100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.476 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 131483

Ion Ratio Lower Upper

50 100

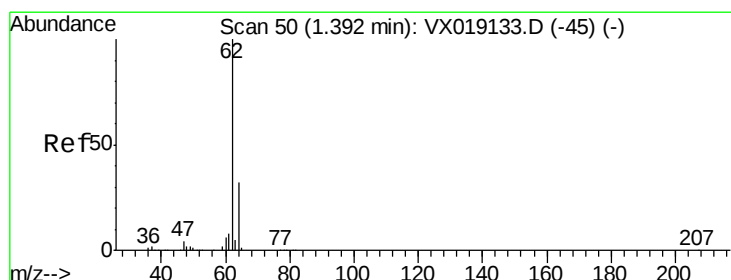
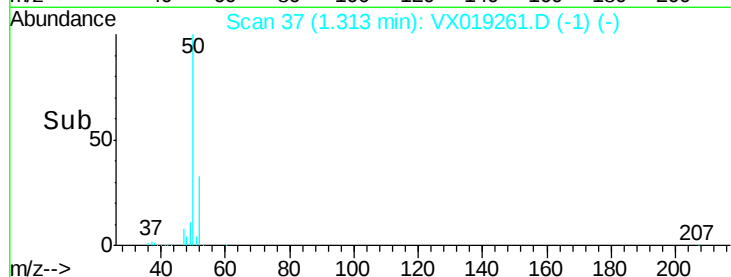
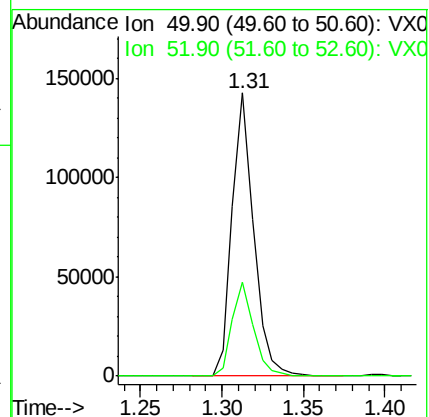
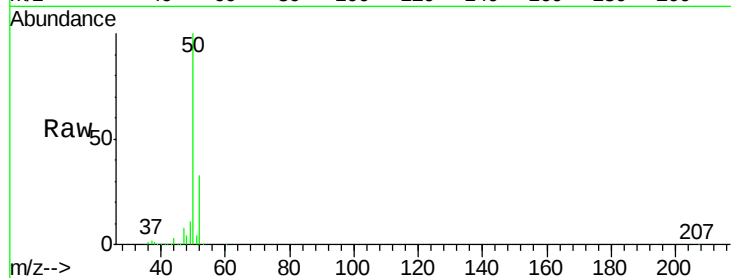
52 33.0 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.002 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX019261.D

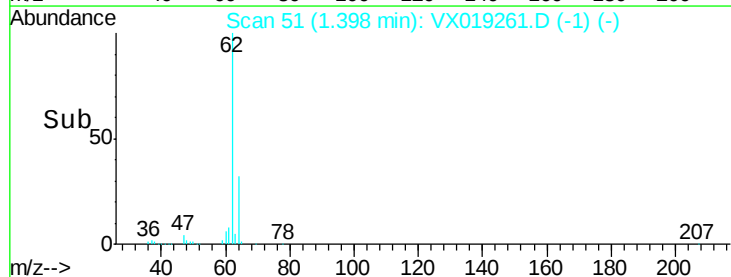
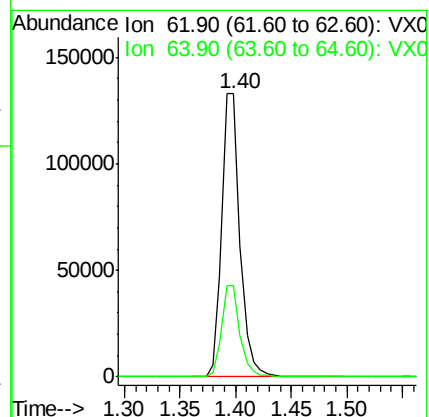
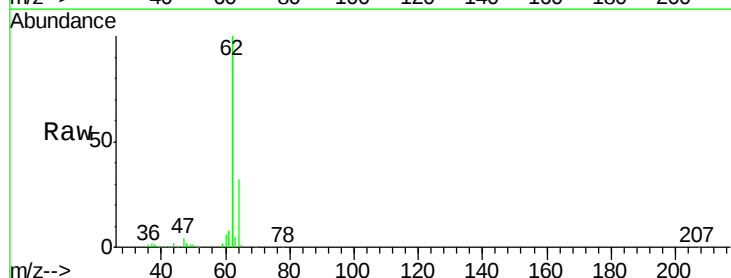
Acq: 04 Nov 2020 01:59

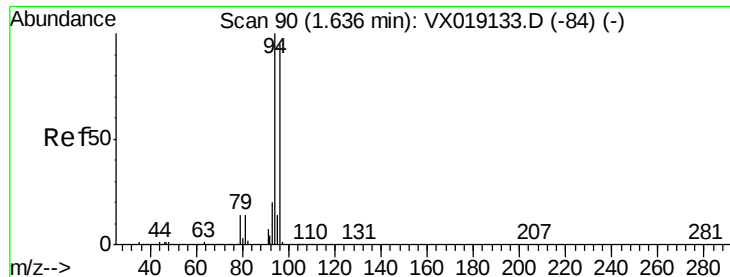
Tgt Ion: 62 Resp: 151154

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 57.341 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 109610

Ion Ratio Lower Upper

94 100

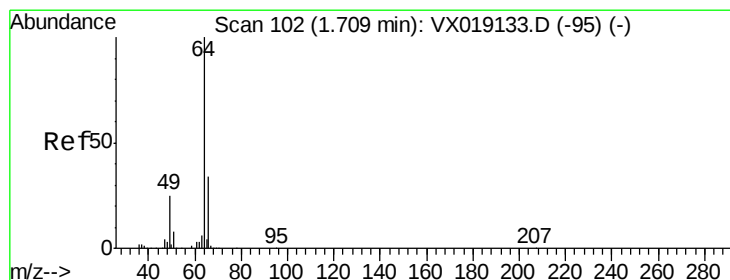
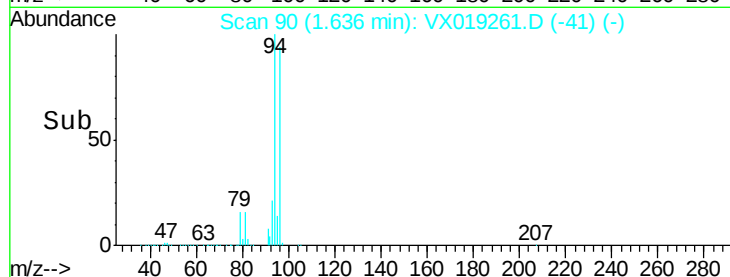
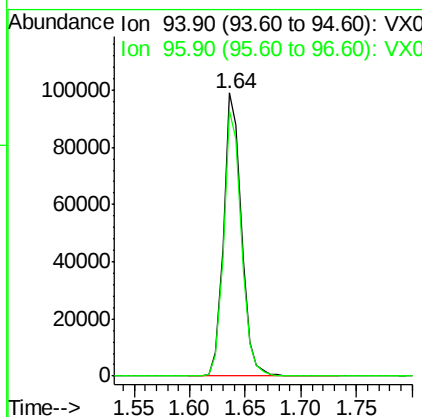
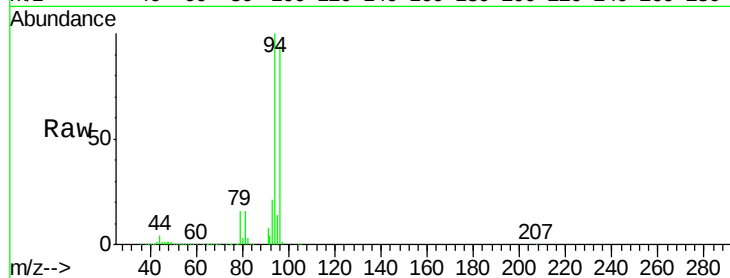
96 93.8 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 56.539 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019261.D

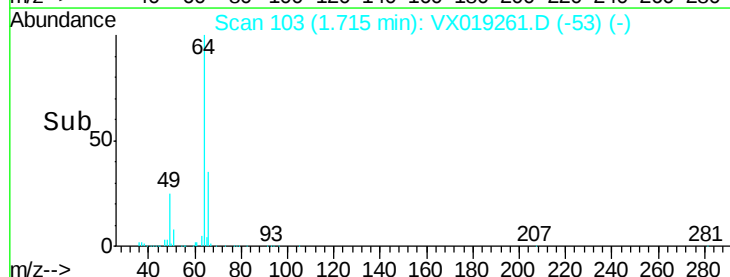
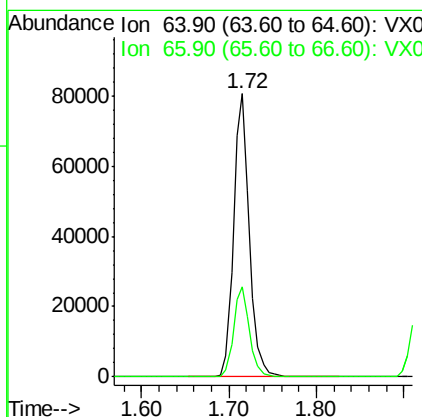
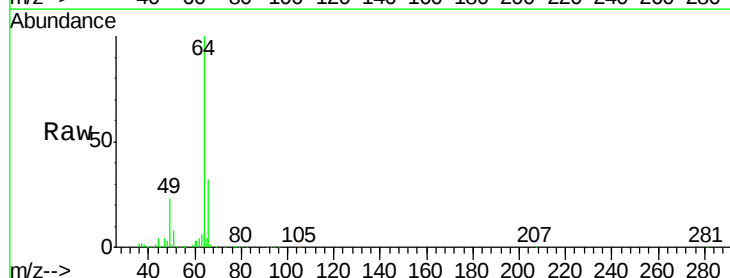
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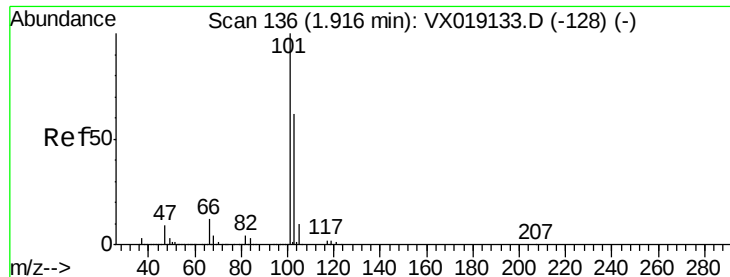
Tgt Ion: 64 Resp: 101043

Ion Ratio Lower Upper

64 100

66 31.9 27.1 40.7





#7

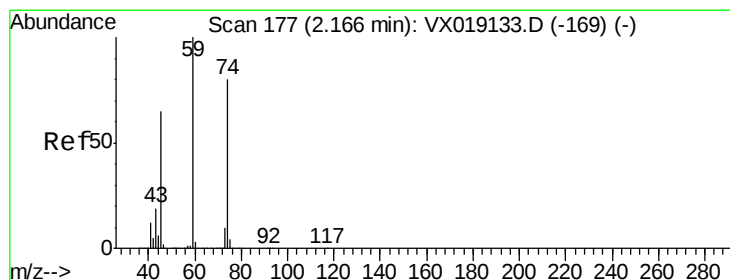
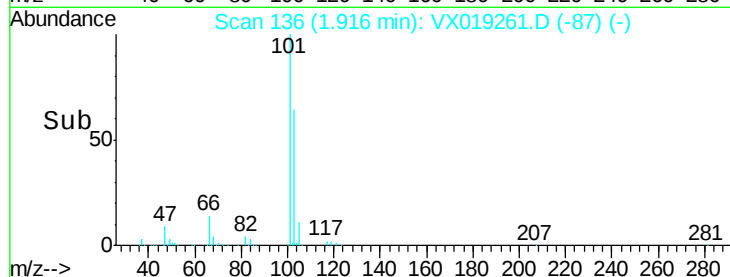
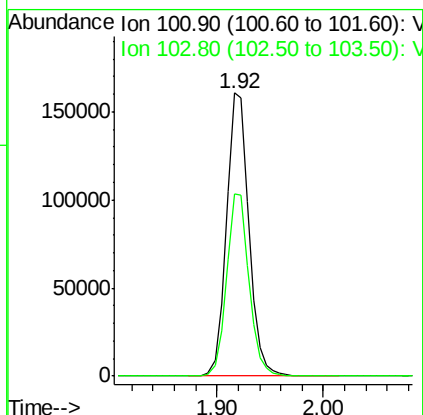
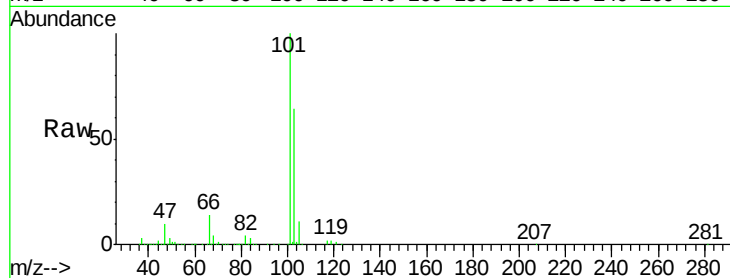
Trichlorofluoromethane
Concen: 53.719 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019261.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.0	75.0

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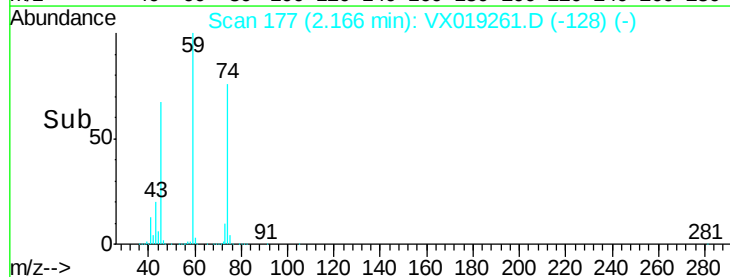
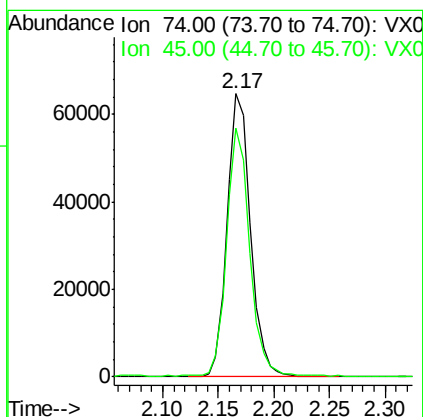
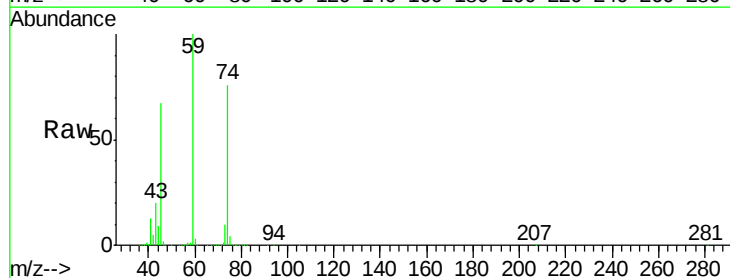
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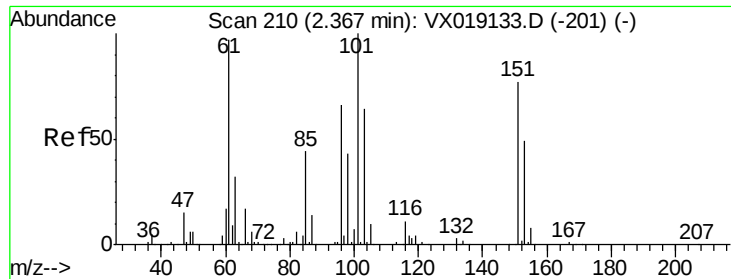


#8

Diethyl Ether
Concen: 55.753 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019261.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.2	41.0	123.0





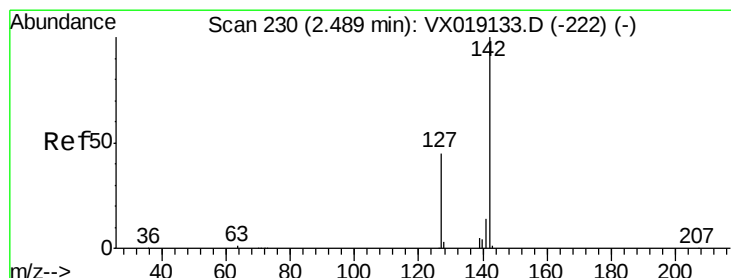
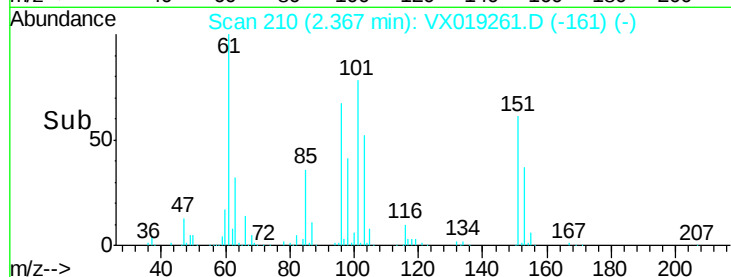
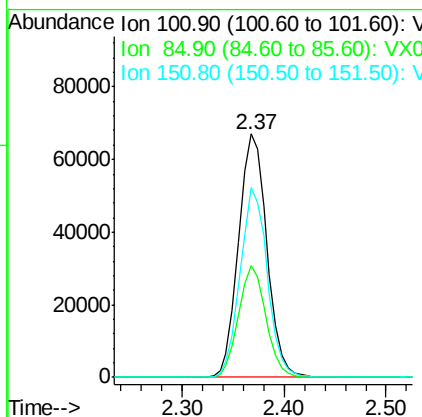
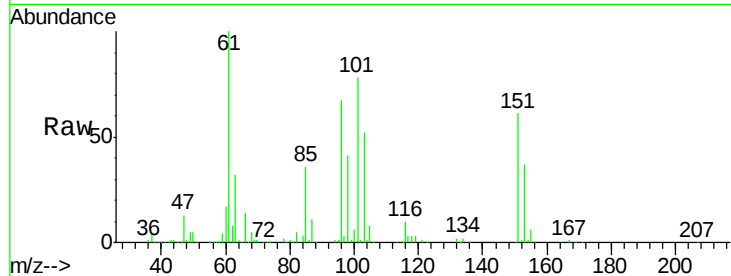
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.864 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	128850		
85	44.5	35.0	52.4	
151	75.1	61.4	92.2	

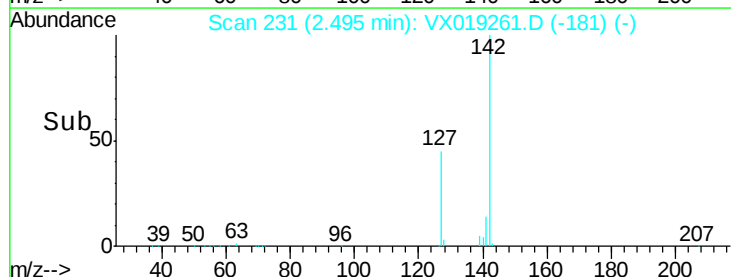
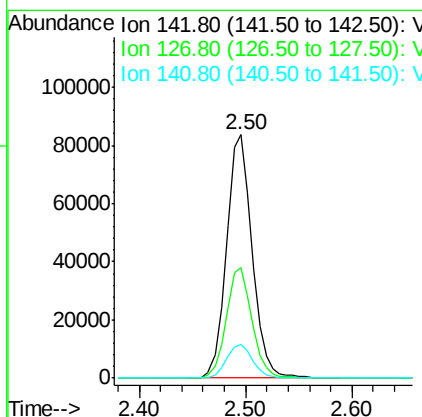
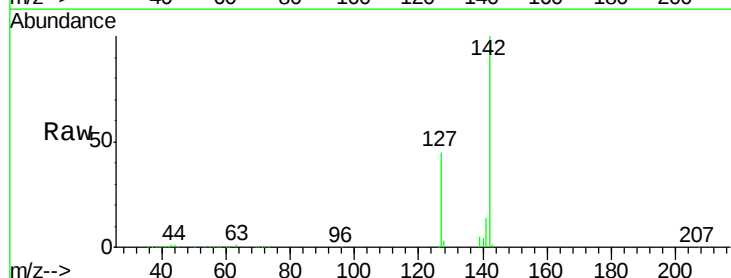
Manual Integrations
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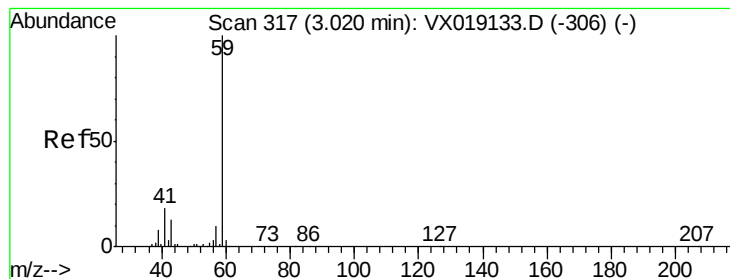
MMDadoda
11/4/2020 11:58:52 AM



#10
Methyl Iodide
Concen: 49.059 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	140746		
127	45.7	36.1	54.1	
141	14.0	11.3	16.9	





#11

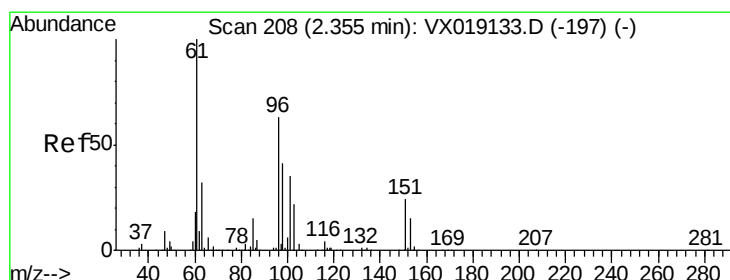
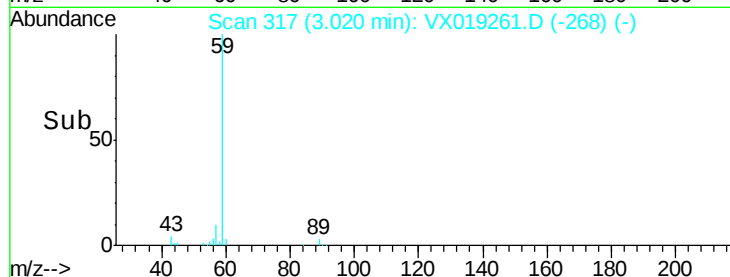
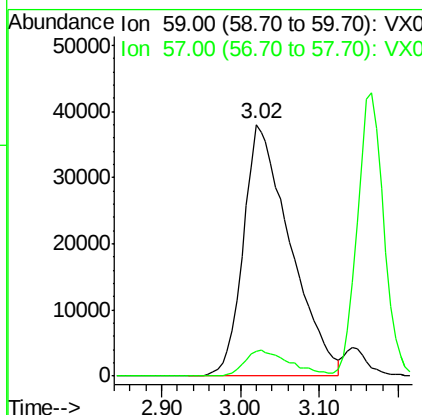
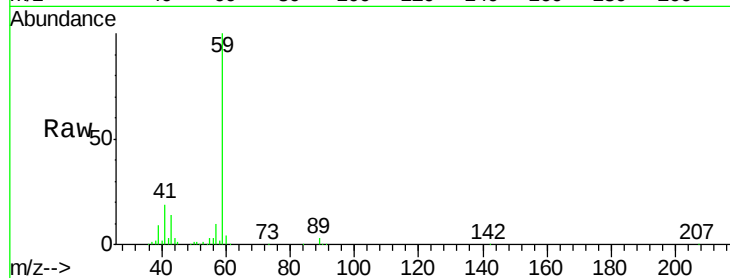
Tert butyl alcohol
Concen: 236.942 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

Manual Integrations
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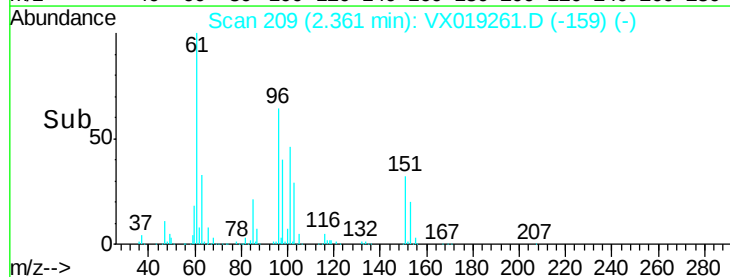
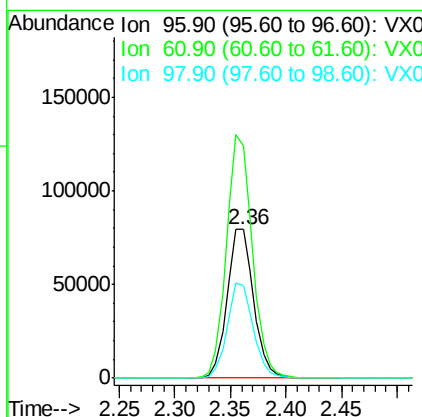
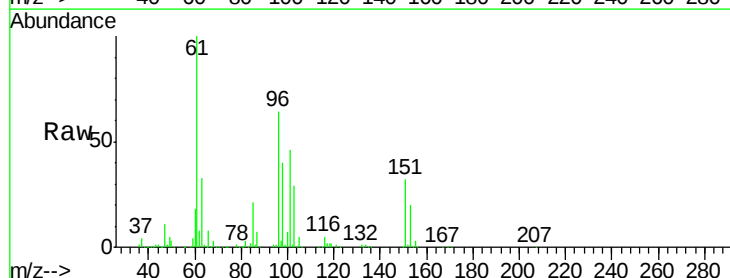
MMDadoda
11/4/2020 11:58:52 AM

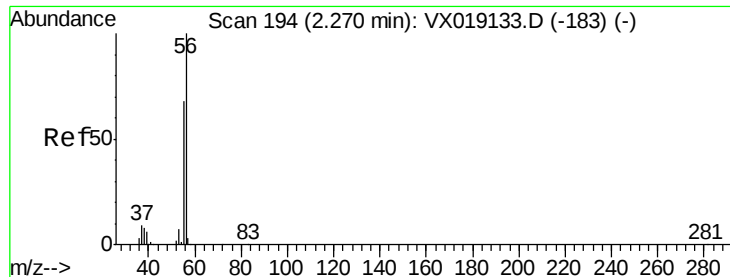


#12

1,1-Dichloroethene
Concen: 51.933 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	127.7	191.5
98	62.3	52.1	78.1





#13

Acrolein

Concen: 329.158 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 97683

Ion Ratio Lower Upper

56 100

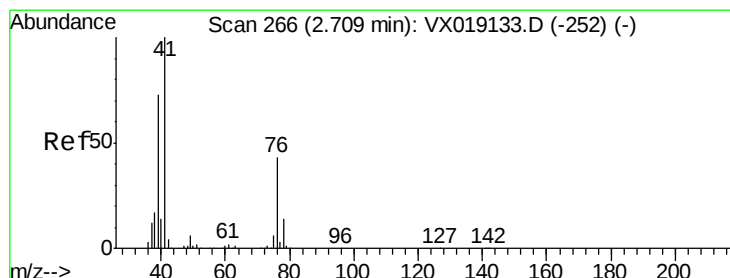
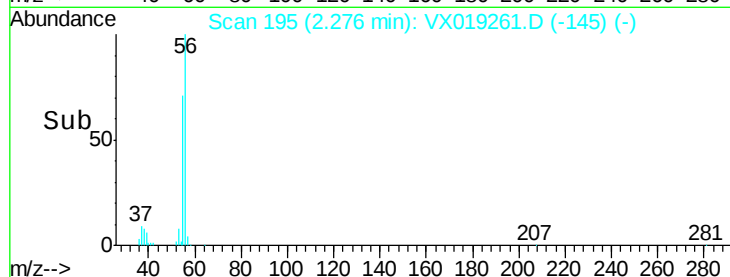
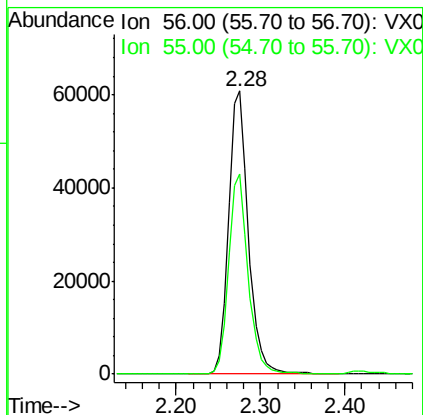
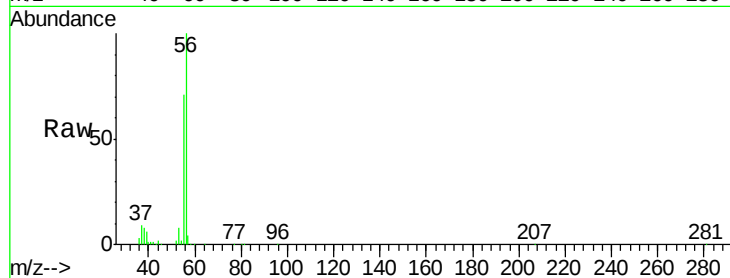
55 69.2 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 53.853 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

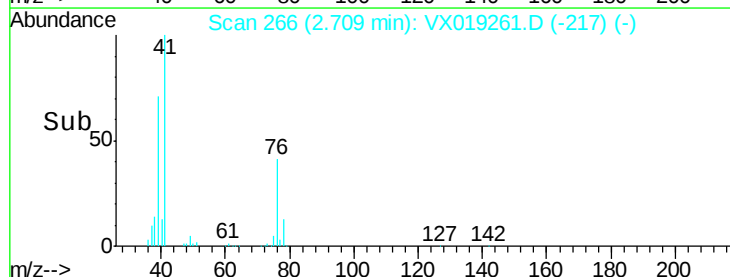
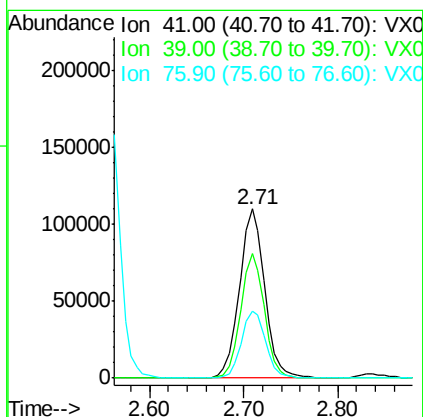
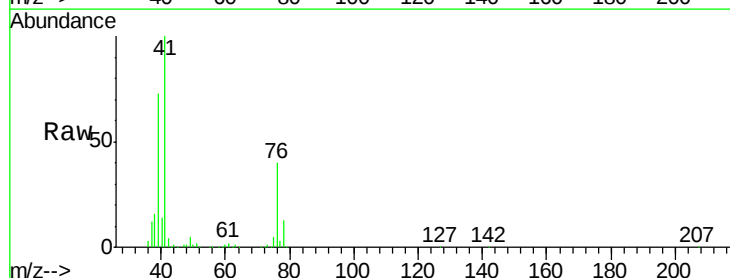
Tgt Ion: 41 Resp: 204873

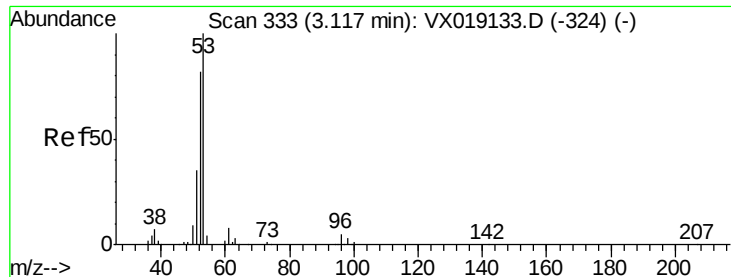
Ion Ratio Lower Upper

41 100

39 69.3 55.2 82.8

76 38.2 31.5 47.3





#15

Acrylonitrile

Concen: 264.245 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

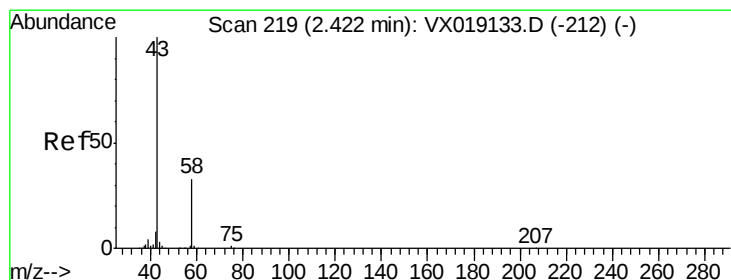
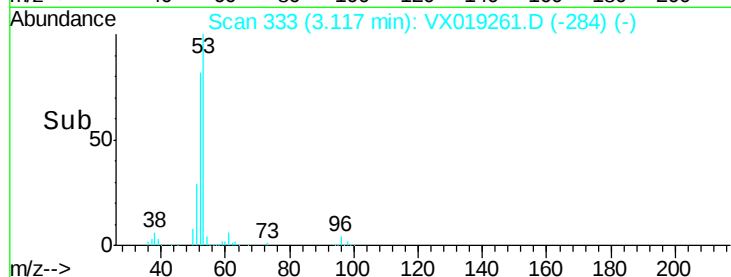
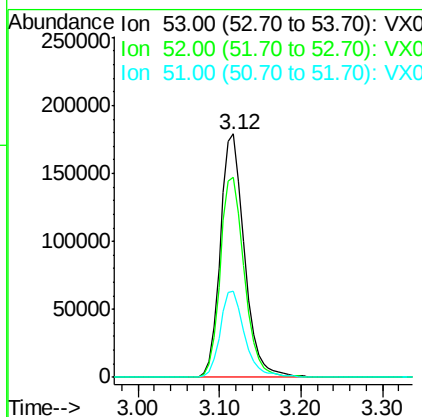
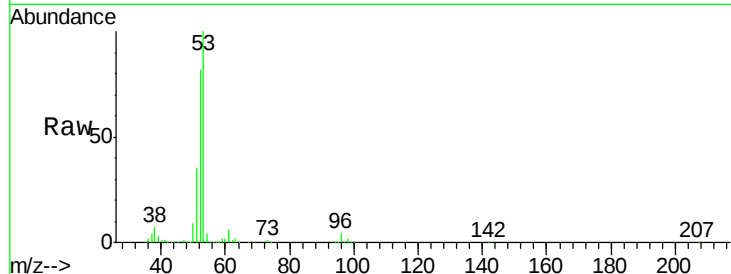
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	366529
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 252.430 ug/l

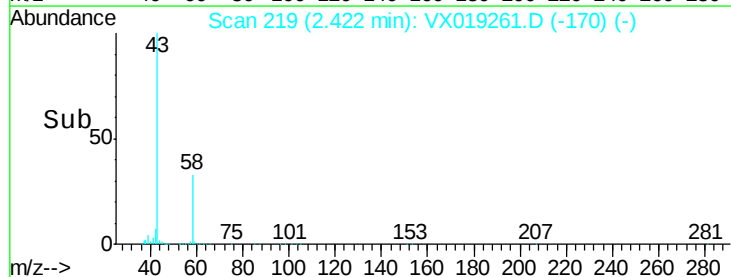
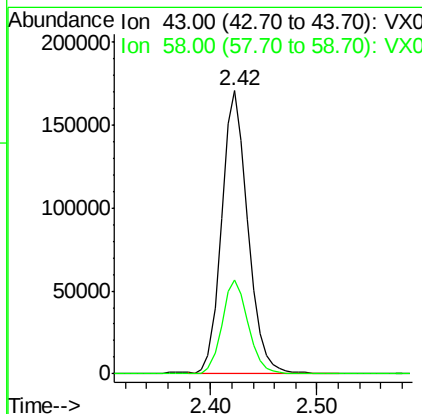
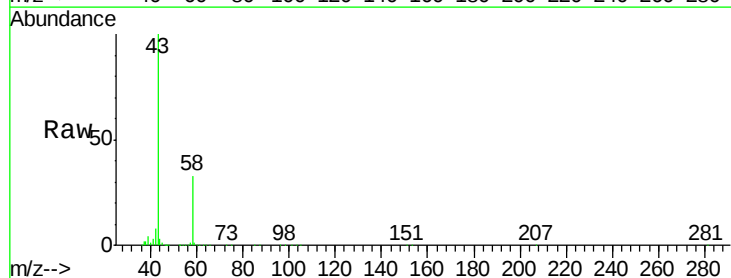
RT: 2.42 min Scan# 219

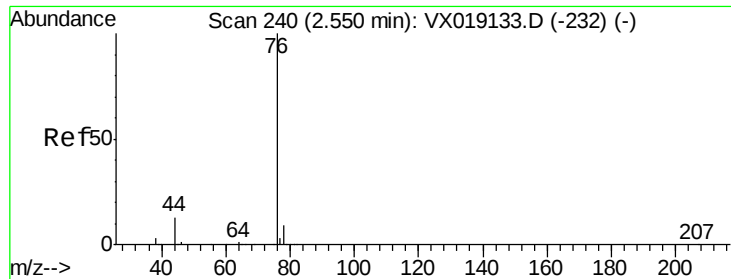
Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion:	43	Resp:	291033
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.3	39.5





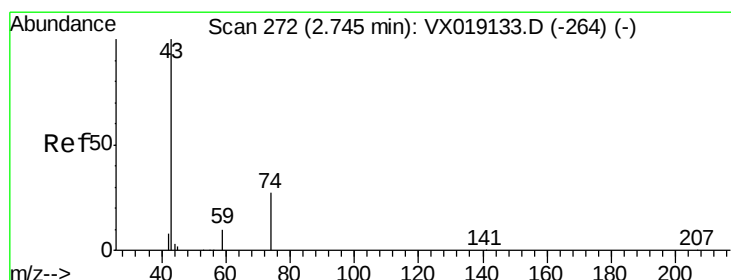
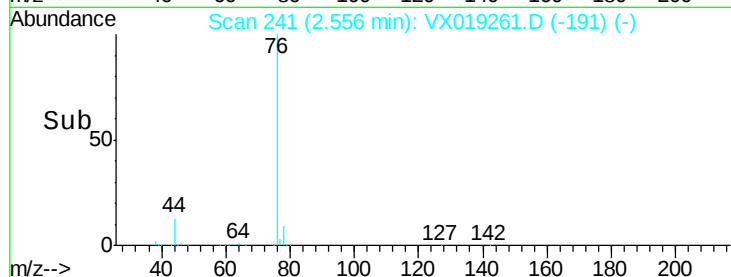
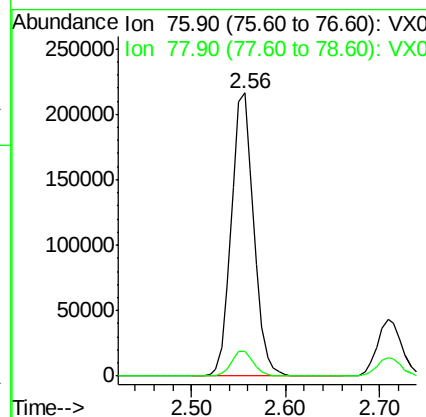
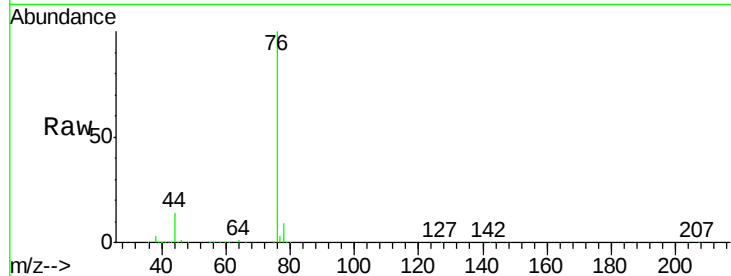
#17
Carbon Disulfide
Concen: 49.938 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

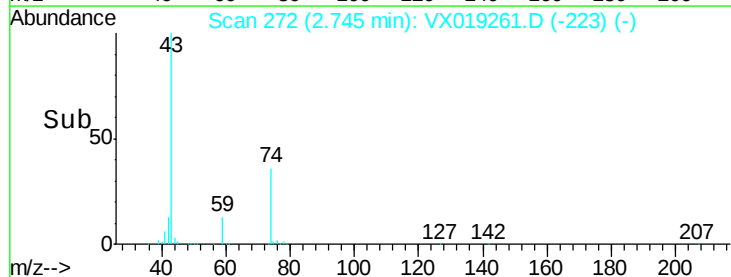
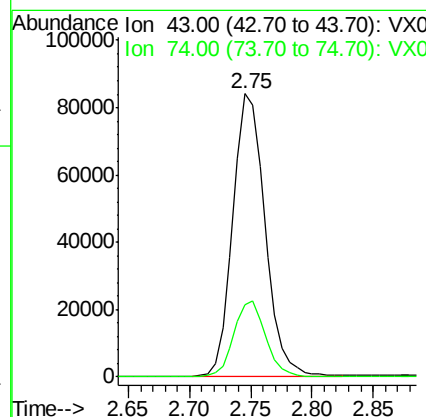
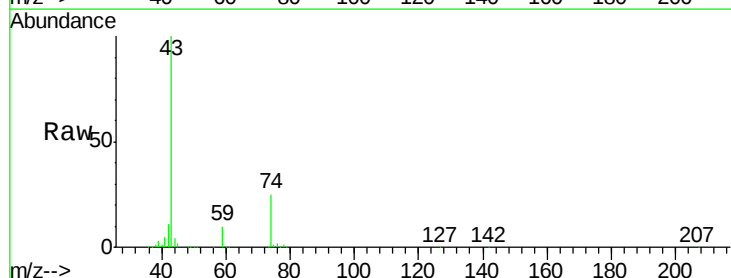
Manual Integrations
APPROVED

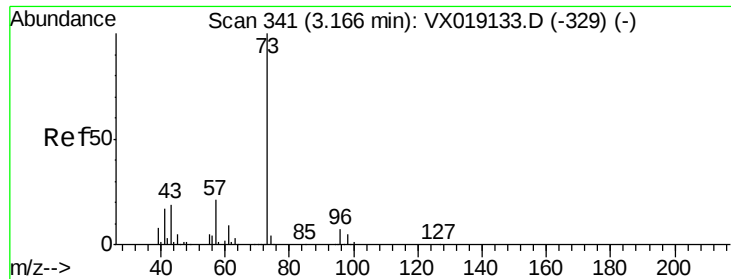
MMDadoda
11/4/2020 11:58:52 AM



#18
Methyl Acetate
Concen: 54.493 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	22.6	33.8





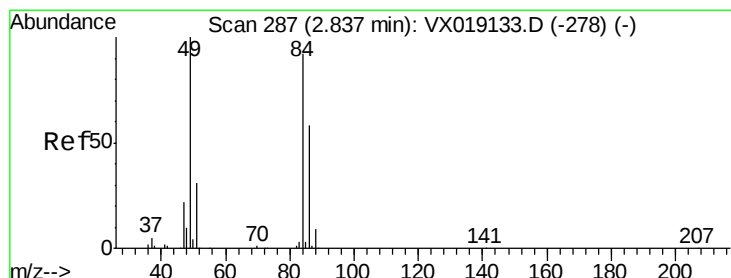
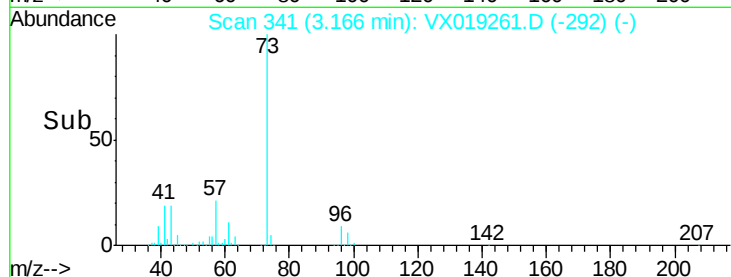
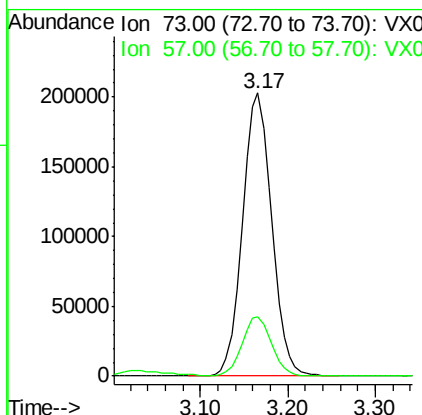
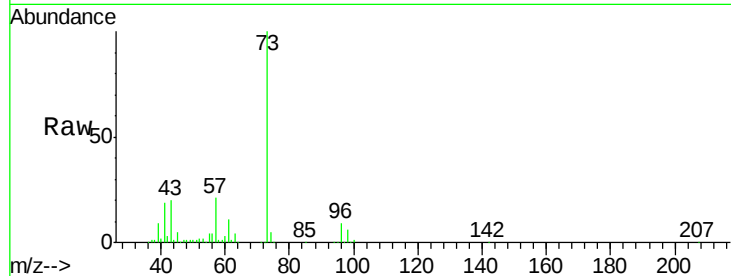
#19
Methvl tert-butvl Ether
Concen: 53.990 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 469853
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

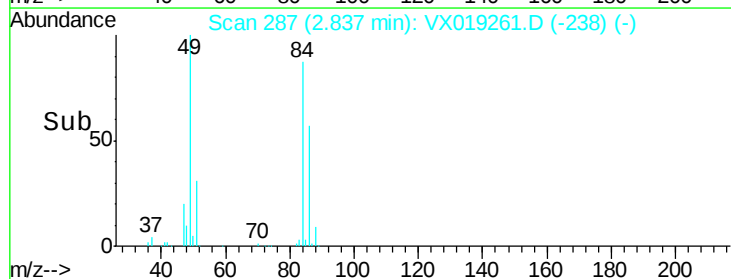
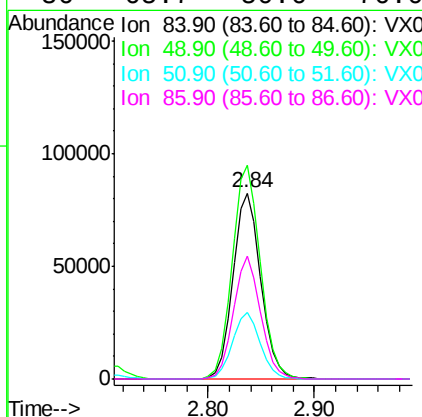
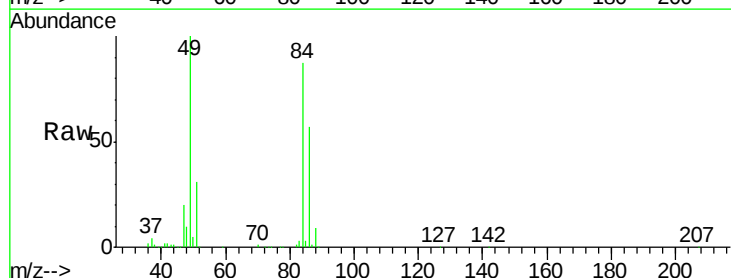
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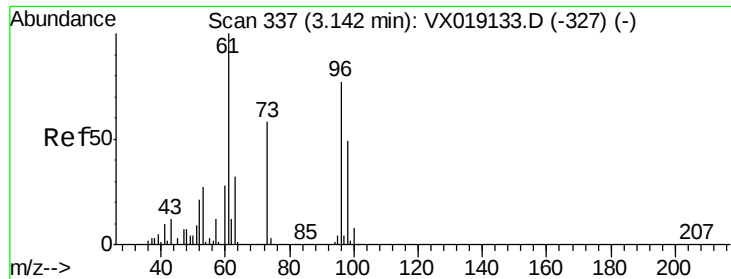
MMDadoda
11/4/2020 11:58:52 AM



#20
Methylene Chloride
Concen: 52.244 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion: 84 Resp: 151218
Ion Ratio Lower Upper
84 100
49 114.7 86.8 130.2
51 35.9 27.3 40.9
86 65.7 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 52.075 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

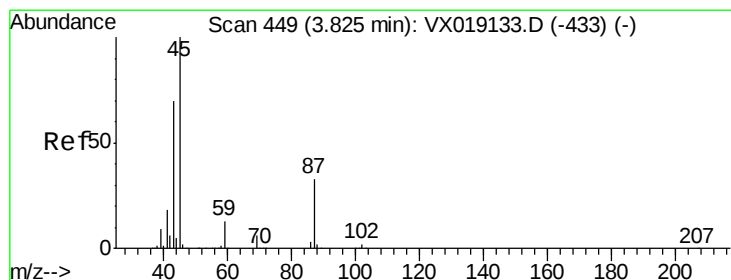
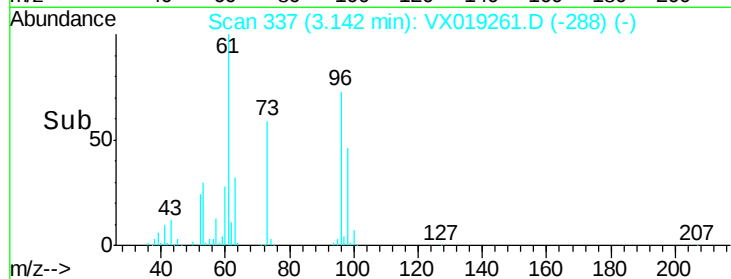
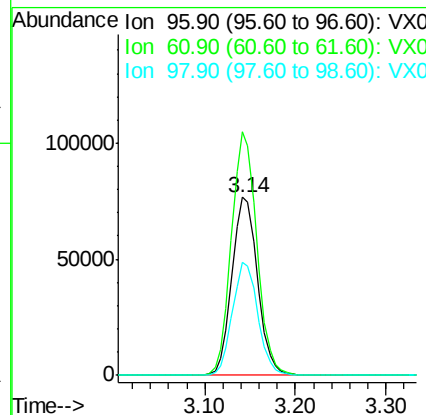
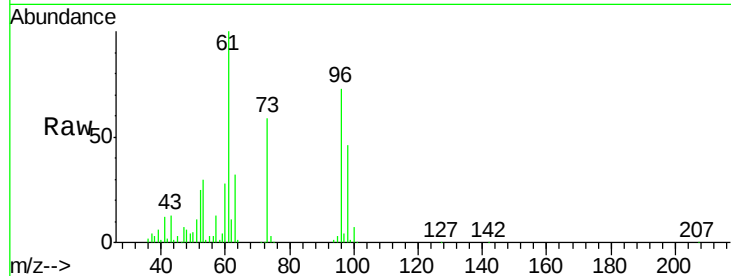
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	150531
Ion	Ratio	Lower	Upper
96	100		
61	136.9	104.2	156.4
98	63.4	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.586 ug/l

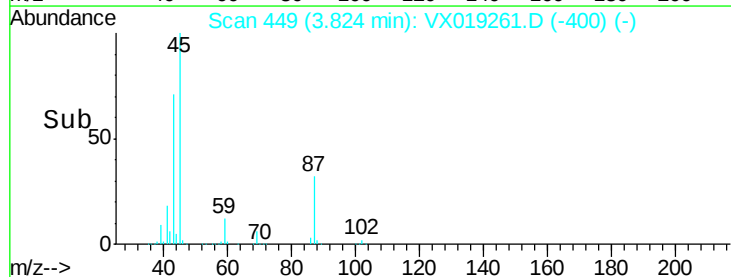
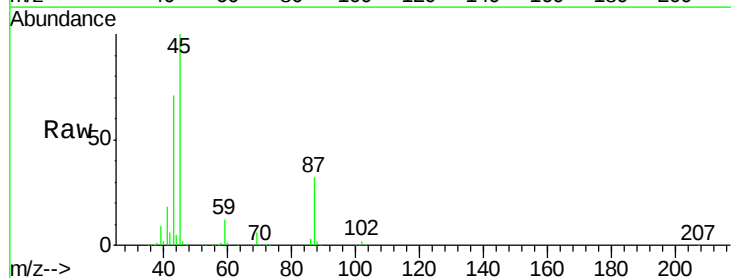
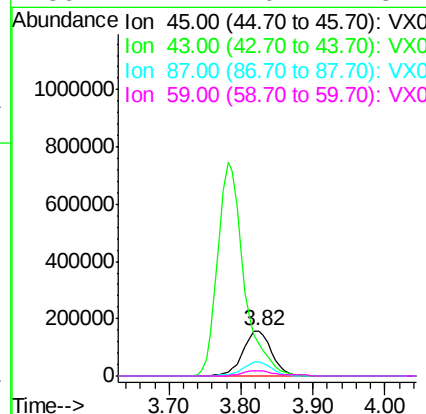
RT: 3.82 min Scan# 449

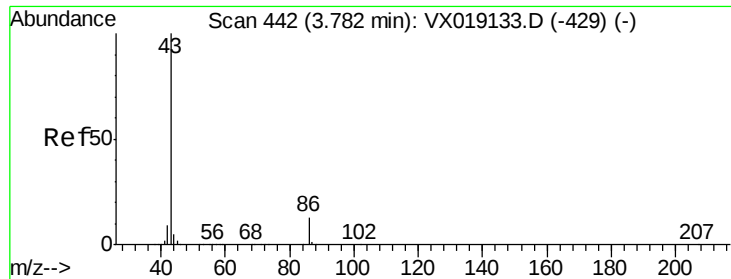
Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion:	45	Resp:	436747
Ion	Ratio	Lower	Upper
45	100		
43	70.0	56.2	84.4
87	31.9	26.2	39.2
59	12.4	10.1	15.1





#23

Vinyl Acetate

Concen: 280.678 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1898321

Ion Ratio Lower Upper

43 100

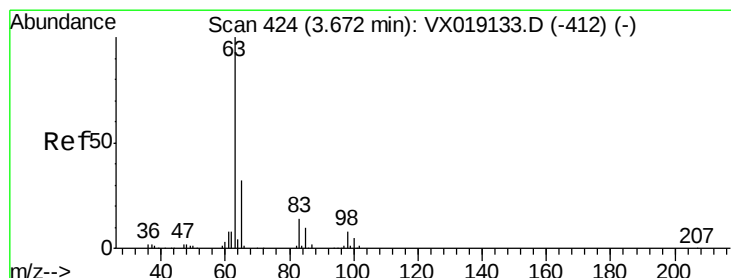
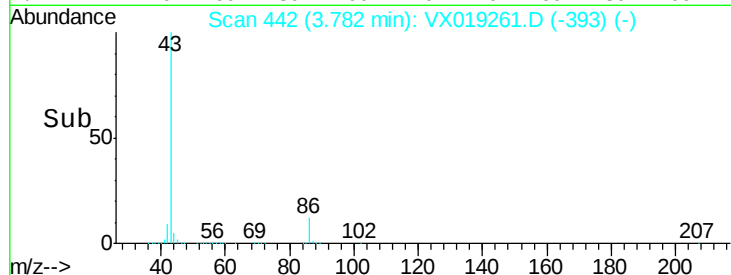
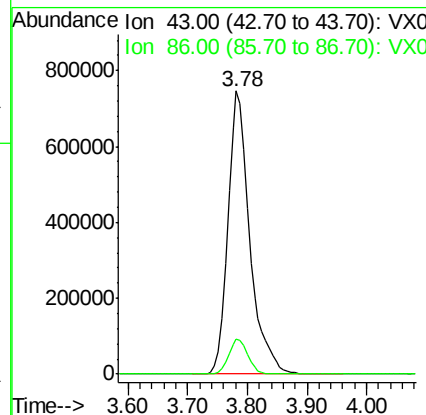
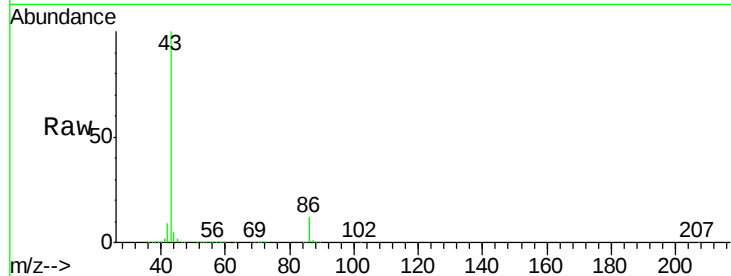
86 12.2 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.671 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

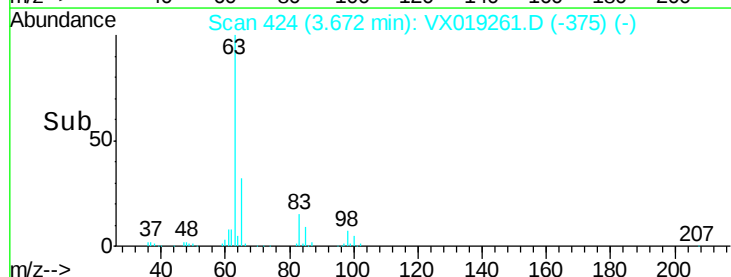
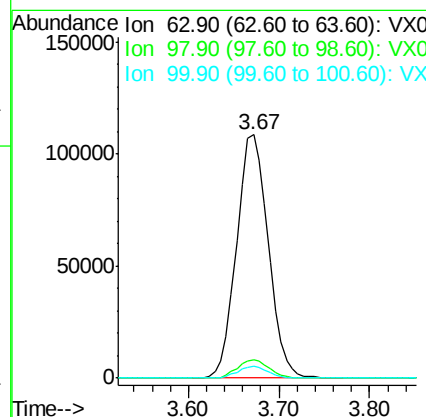
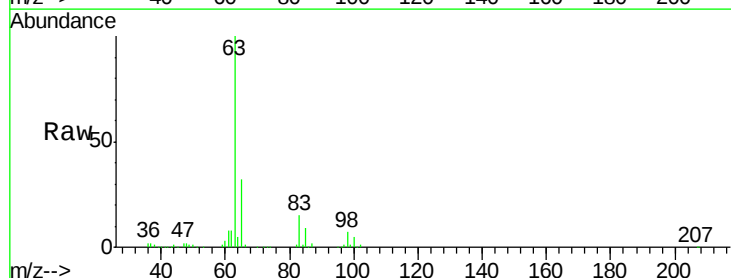
Tgt Ion: 63 Resp: 263620

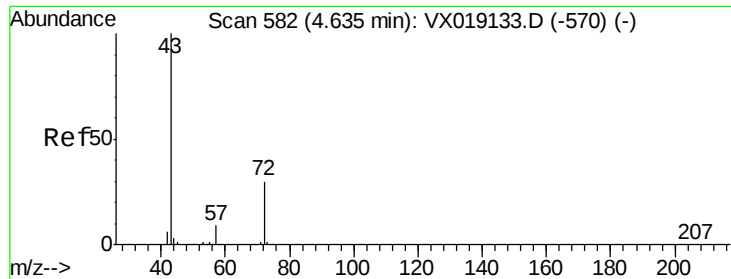
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 260.210 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 472805

Ion Ratio Lower Upper

43 100

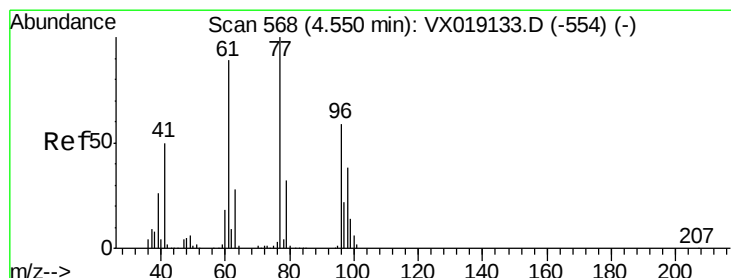
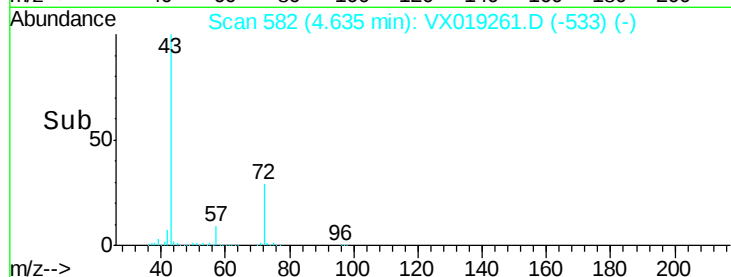
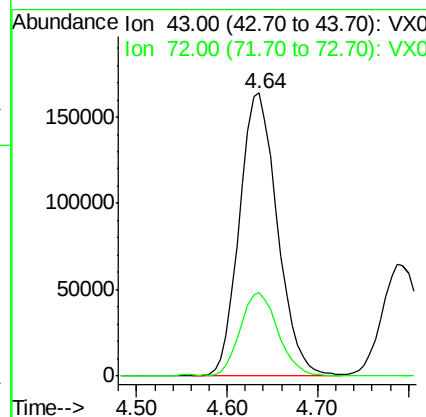
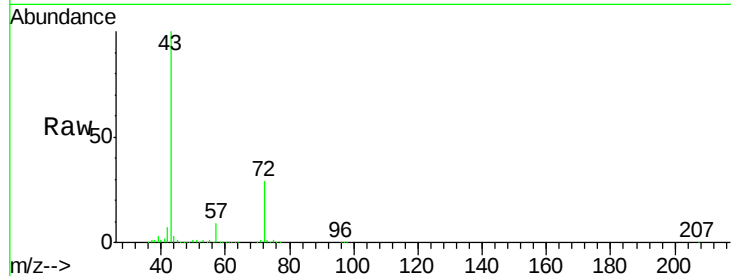
72 29.3 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.869 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019261.D

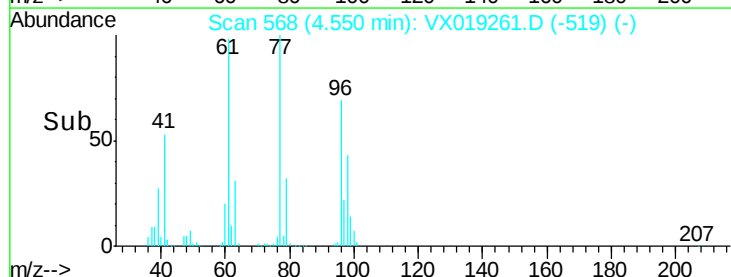
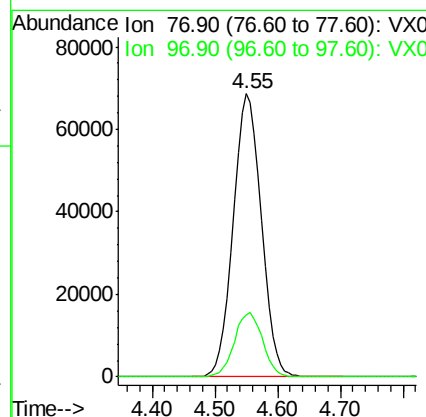
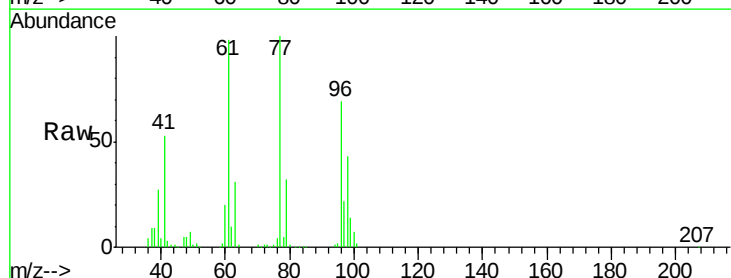
Acq: 04 Nov 2020 01:59

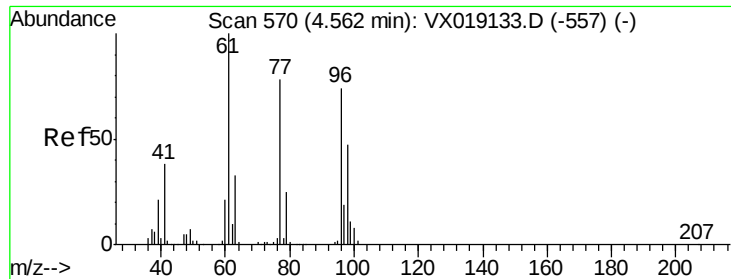
Tgt Ion: 77 Resp: 213097

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

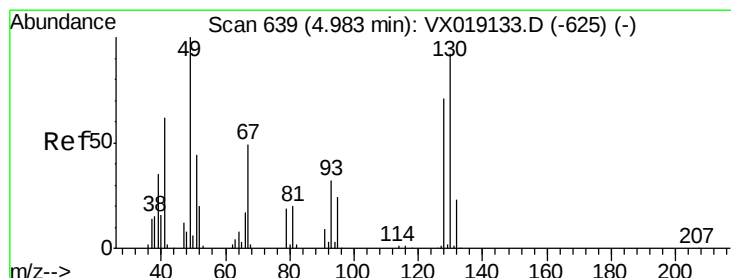
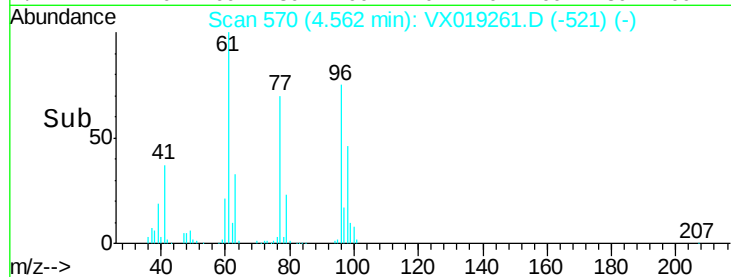
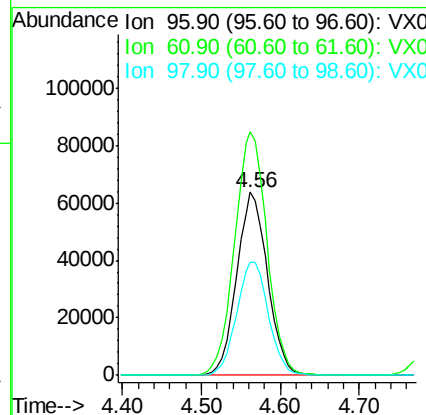
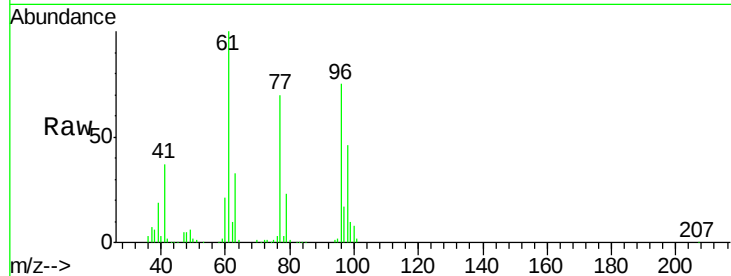
cis-1,2-Dichloroethene
Concen: 53.606 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	173157		
61	139.9	0.0	278.8	
98	64.0	0.0	130.2	

Manual Integrations
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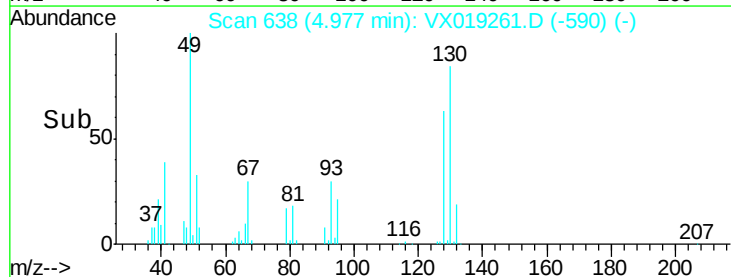
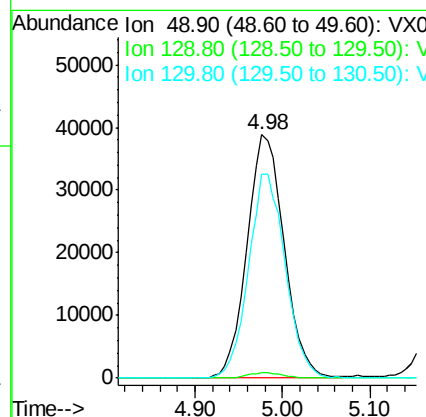
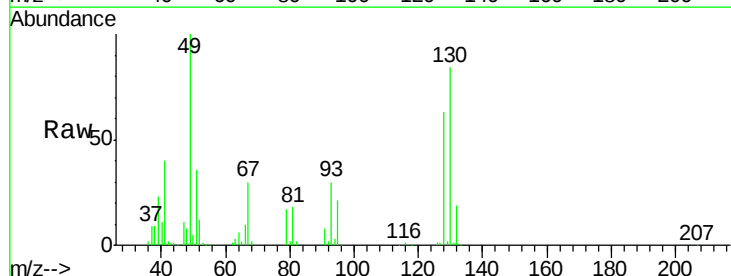
MMDadoda
11/4/2020 11:58:52 AM

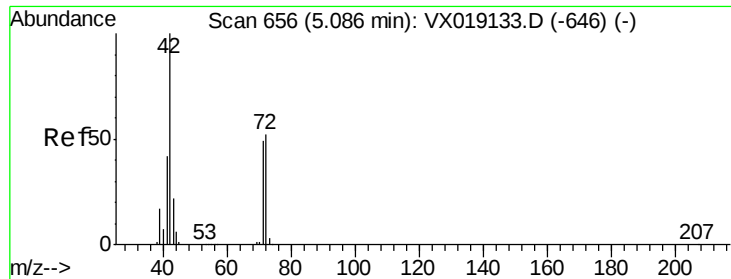


#28

Bromochloromethane
Concen: 53.439 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115041		
129	2.2	0.0	4.4	
130	83.0	71.3	106.9	





#29

Tetrahydrofuran

Concen: 271.579 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

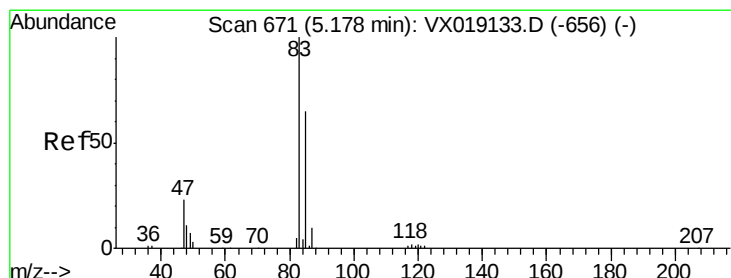
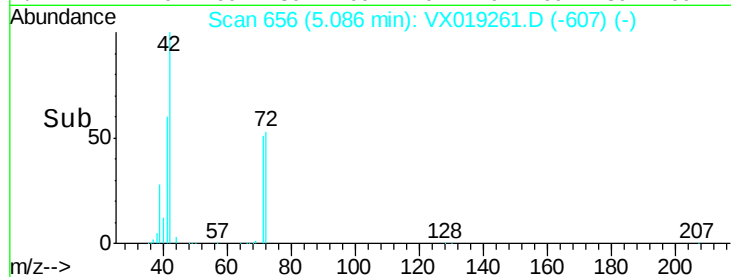
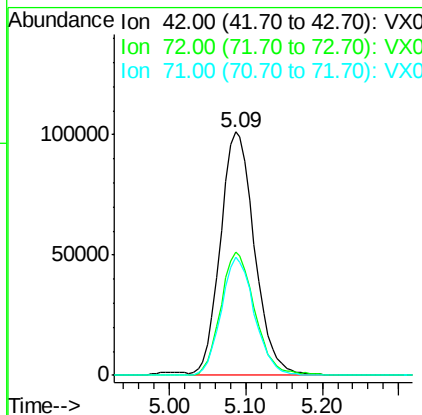
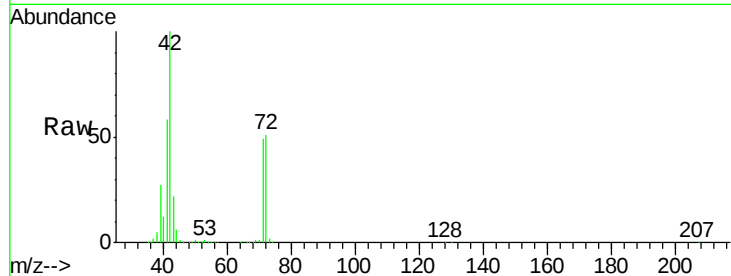
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	310976
Ion	Ratio	Lower	Upper
42	100		
72	51.1	42.6	63.8
71	47.5	39.7	59.5

Manual Integrations
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#30

Chloroform

Concen: 55.526 ug/l

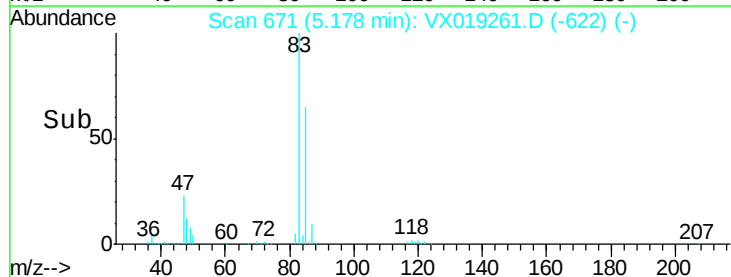
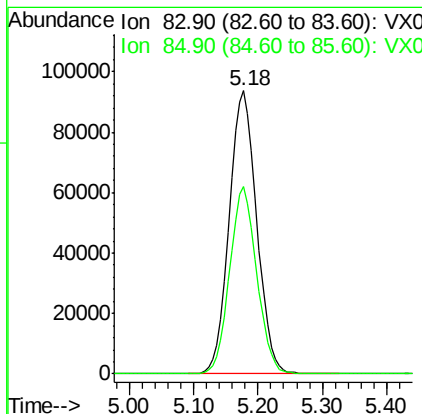
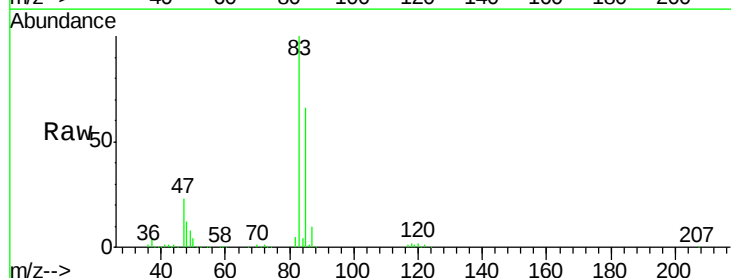
RT: 5.18 min Scan# 671

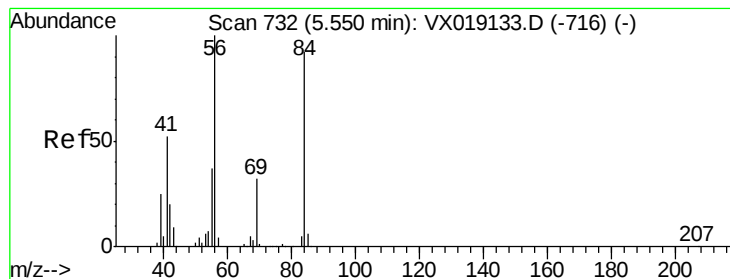
Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion:	83	Resp:	279872
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.9	77.9





#31

Cvclohexane

Concen: 54.066 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

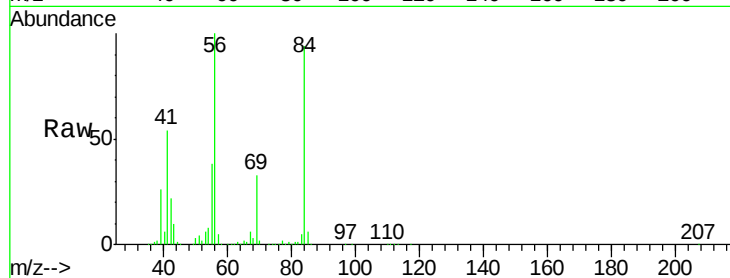
ClientSampleId :

VSTDCCC050EC

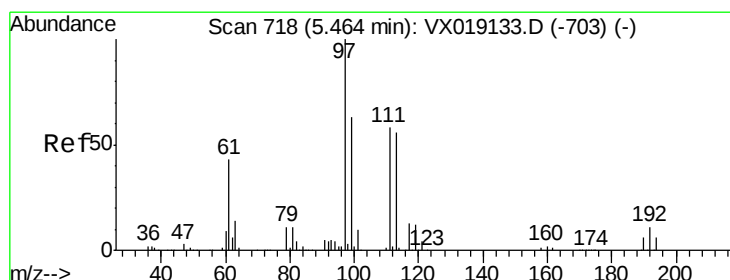
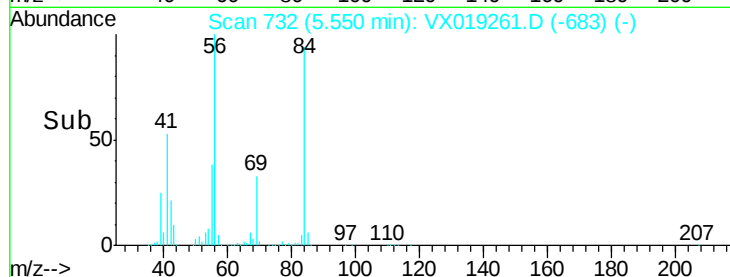
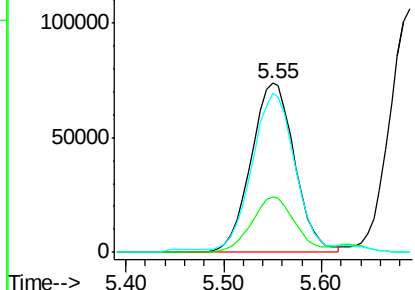
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.9	38.9
84	92.3	73.4	110.2

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.617 ug/l

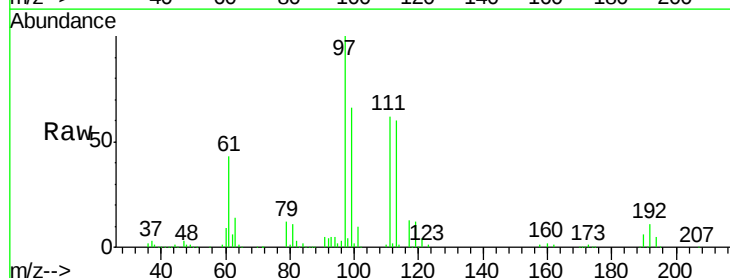
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

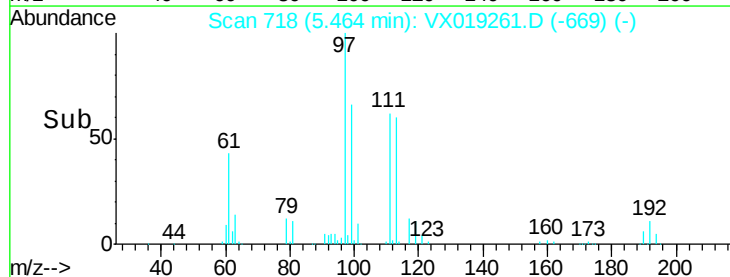
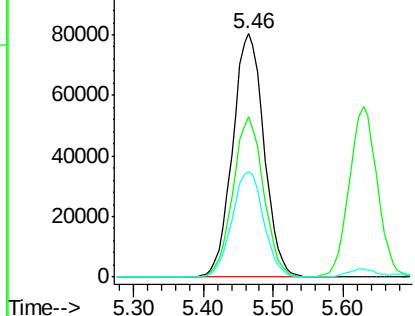
Lab File: VX019261.D

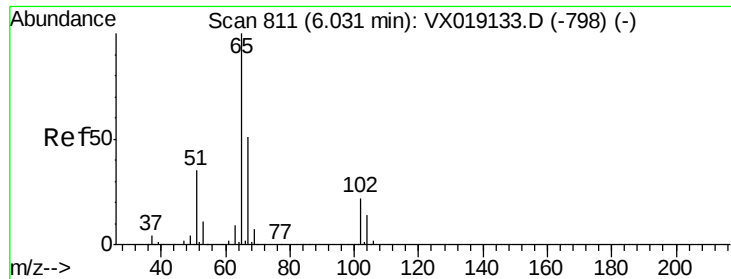
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	43.9	34.2	51.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.492 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 172086

Ion Ratio Lower Upper

65 100

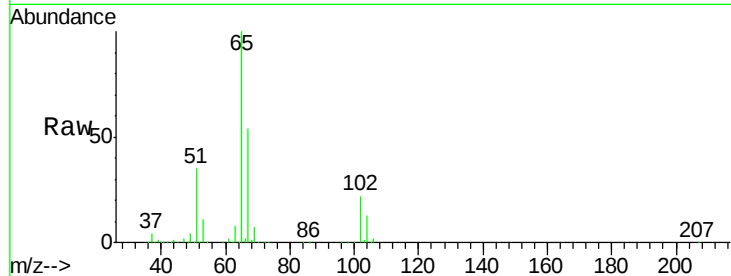
67 52.8 0.0 103.0

Manual Integrations

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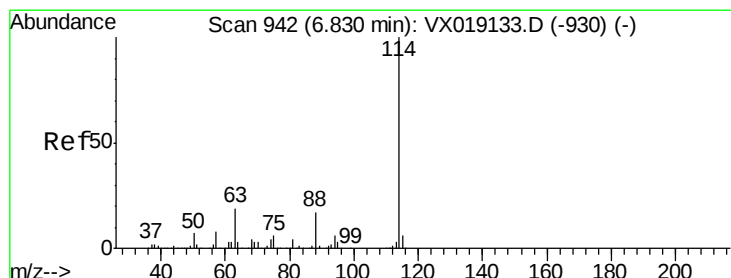
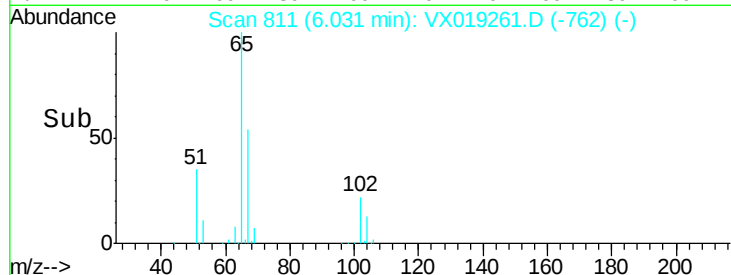
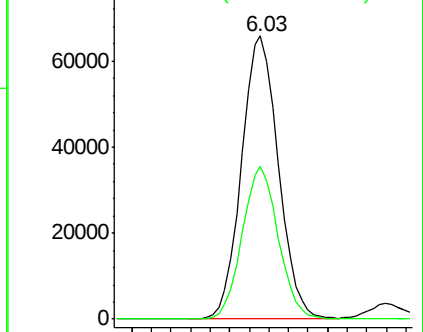
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

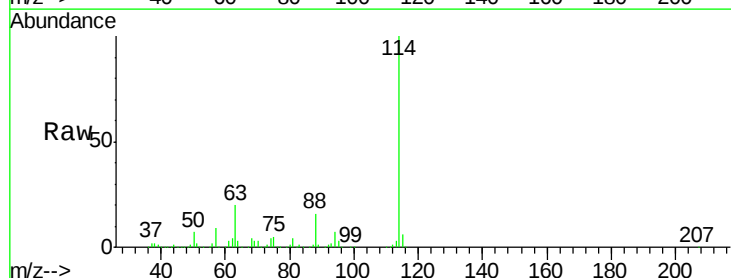
Tgt Ion: 114 Resp: 443205

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

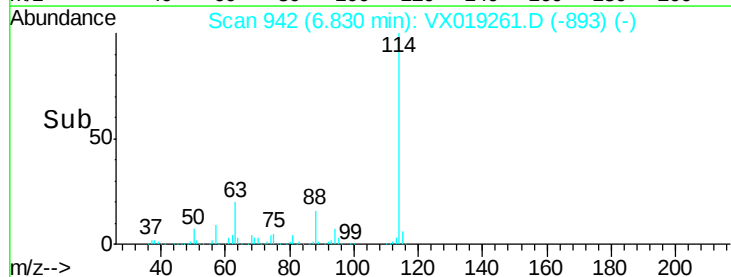
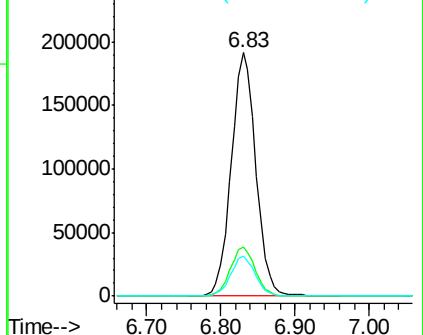
88 16.4 0.0 34.2

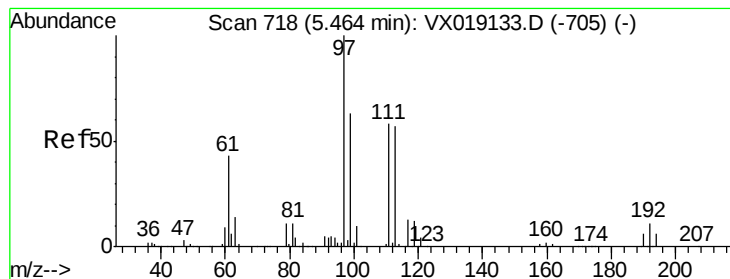


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.660 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

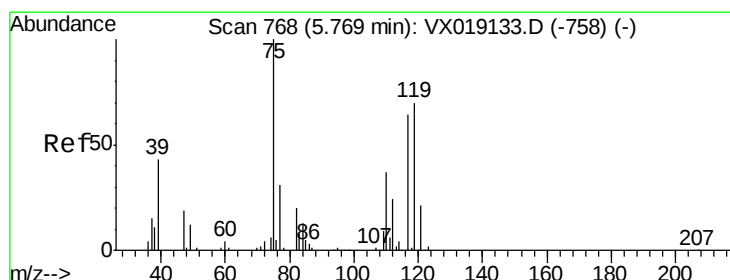
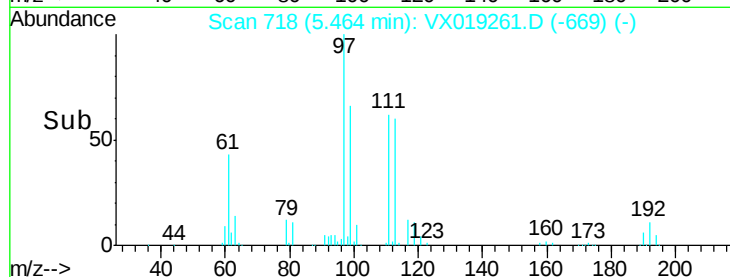
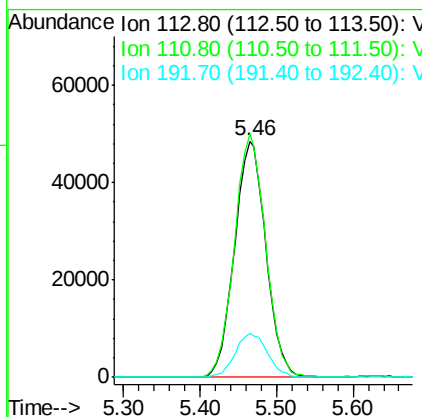
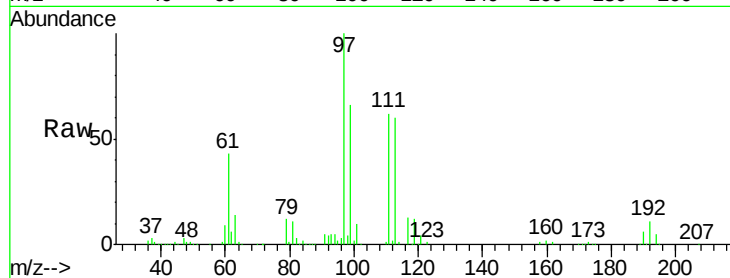
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	138249
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	19.0	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.612 ug/l

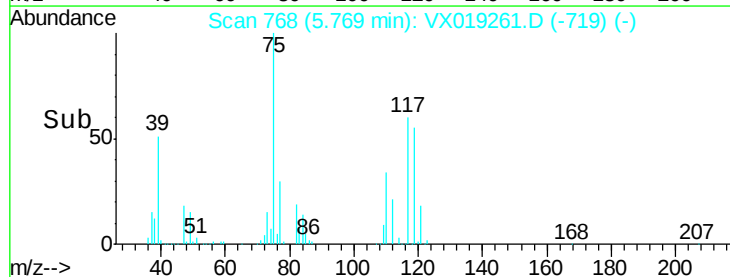
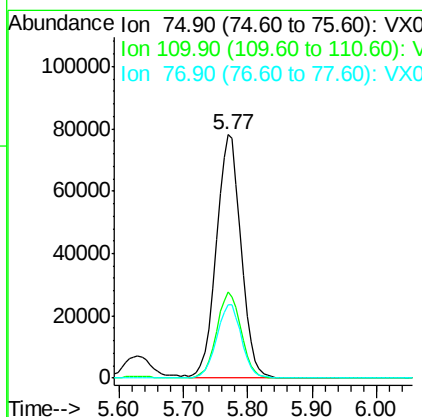
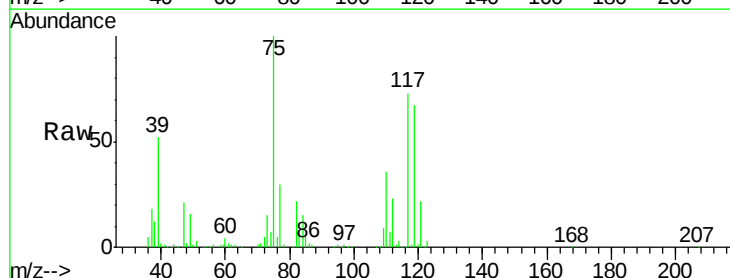
RT: 5.77 min Scan# 768

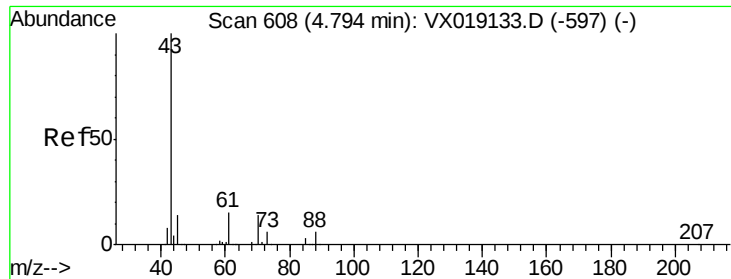
Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion:	75	Resp:	211233
Ion	Ratio	Lower	Upper
75	100		
110	35.1	18.3	54.9
77	30.6	24.9	37.3





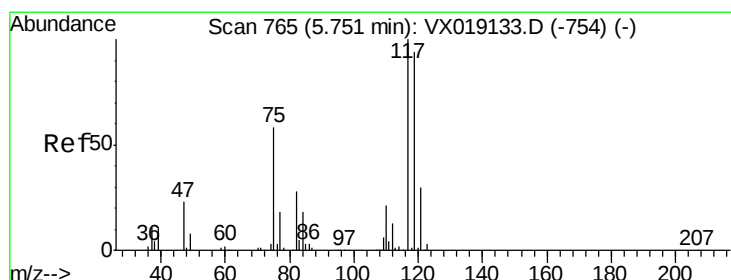
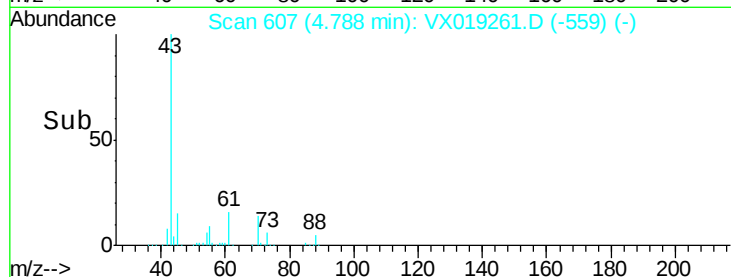
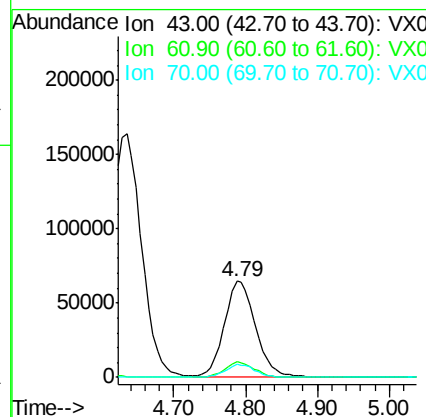
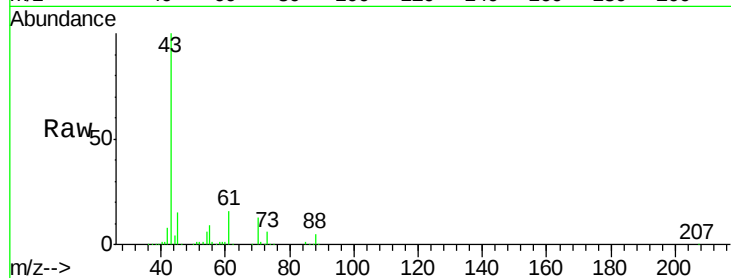
#37
Ethyl Acetate
Concen: 51.005 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	12.8	10.5	15.7

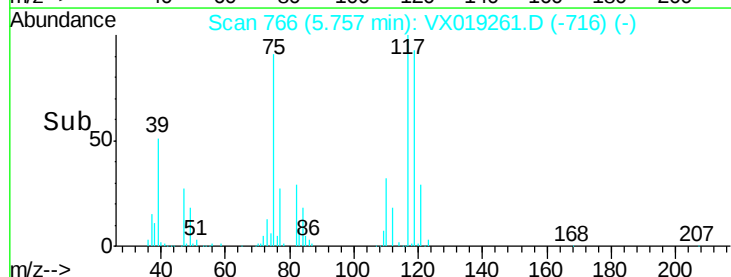
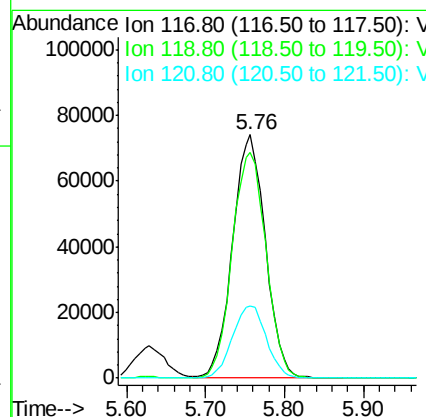
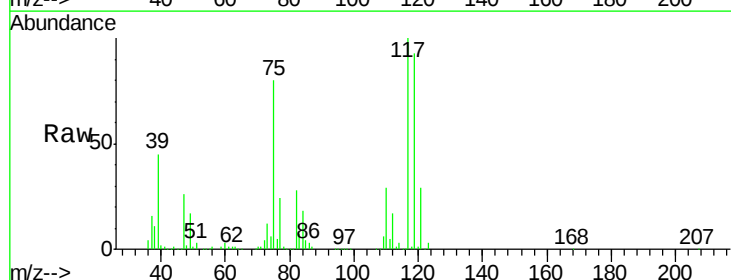
Manual Integrations
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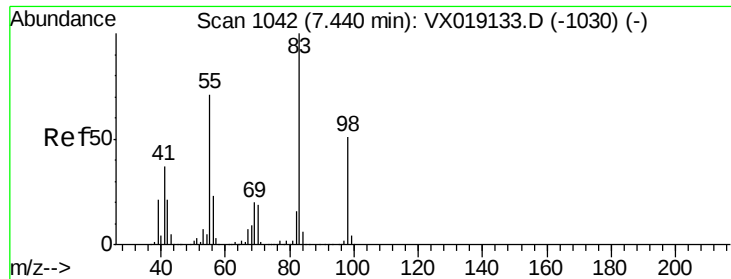
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.338 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.0	112.6
121	29.4	23.9	35.9





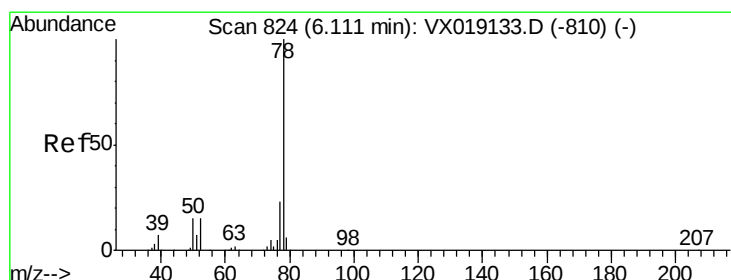
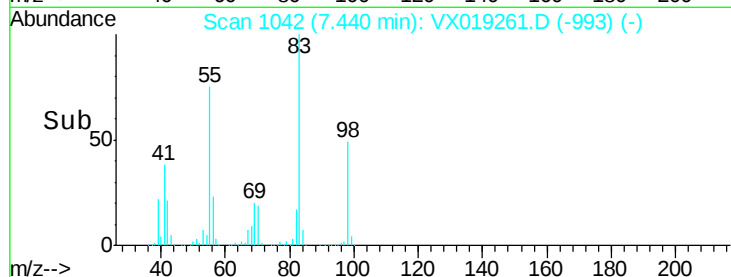
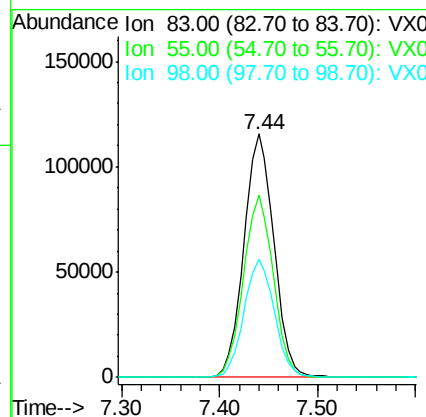
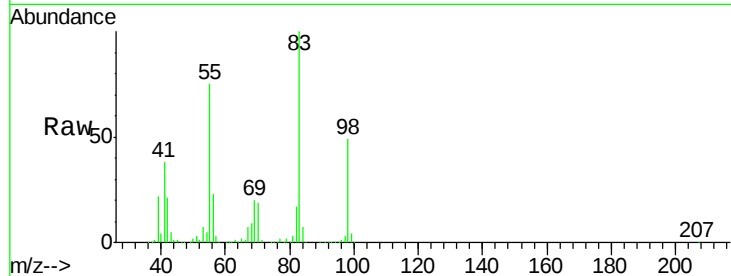
#39
Methvlcvclohexane
Concen: 50.302 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	57.0	85.6
98	48.8	40.5	60.7

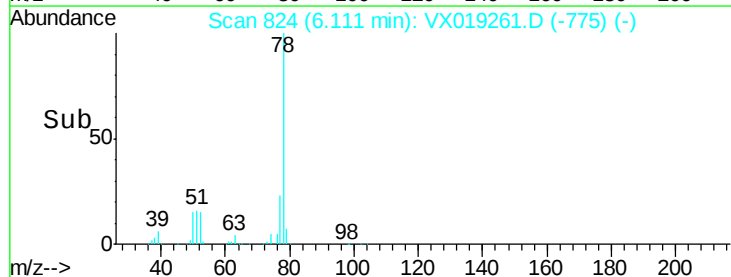
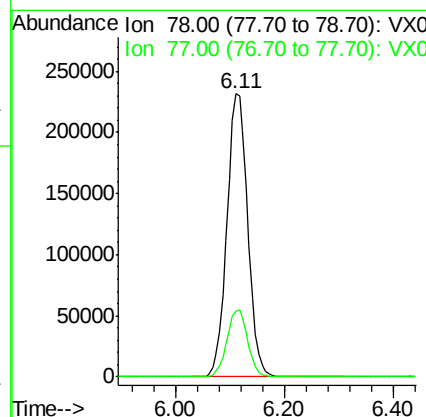
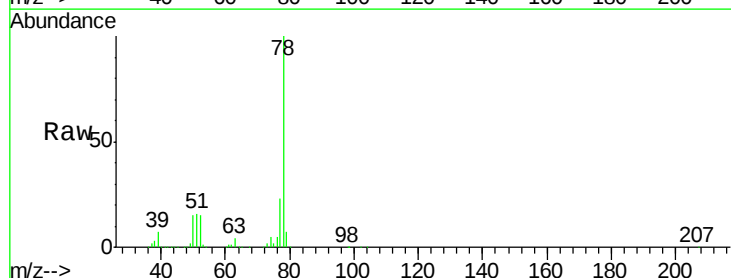
Manual Integrations
APPROVED

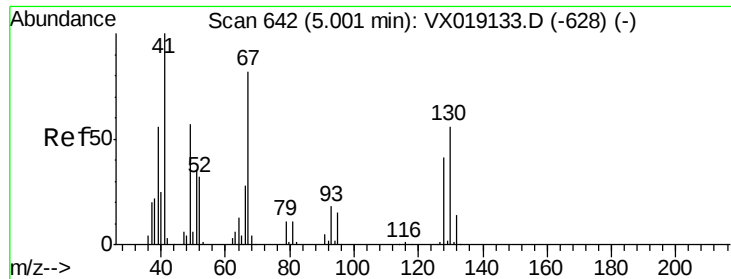
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#40
Benzene
Concen: 53.007 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





#41

Methacrylonitrile

Concen: 51.989 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

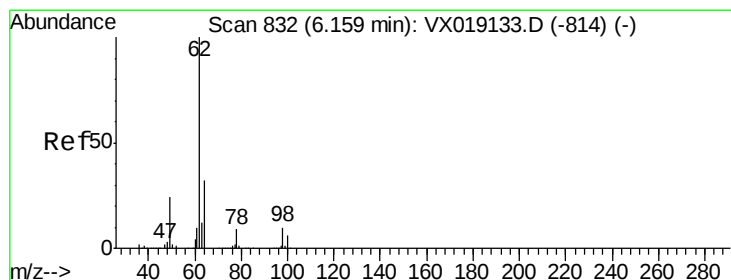
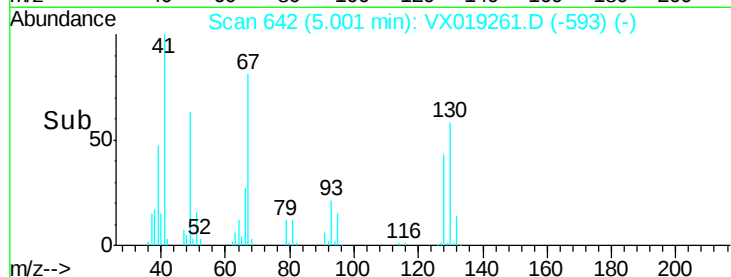
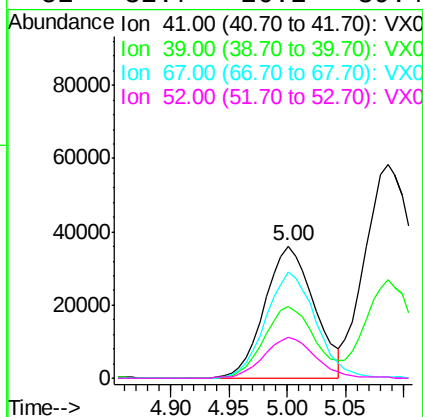
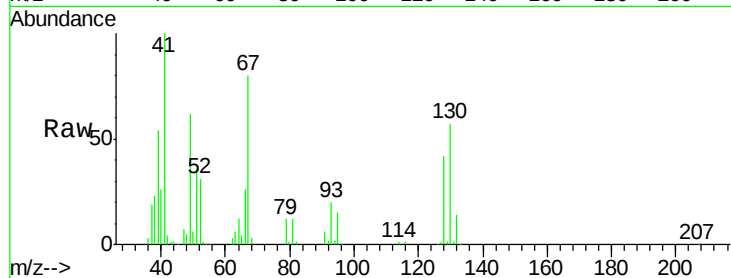
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	44.4	66.6	
67	81.8	66.4	99.6	
52	32.7	26.2	39.4	

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11/4/2020 11:58:52 AM



#42

1,2-Dichloroethane

Concen: 53.058 ug/l

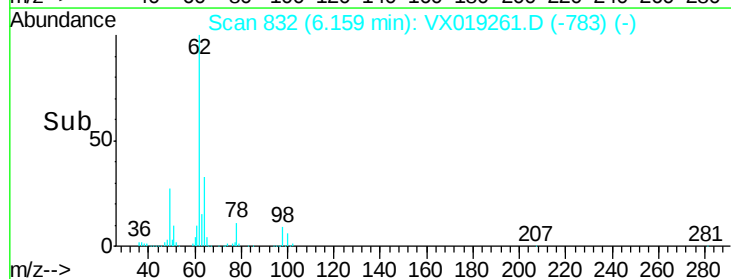
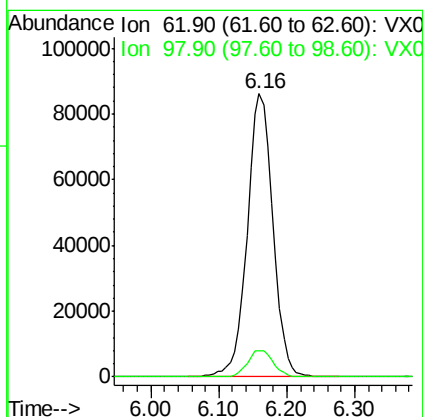
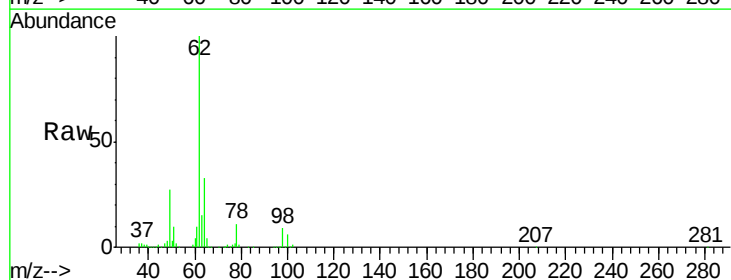
RT: 6.16 min Scan# 832

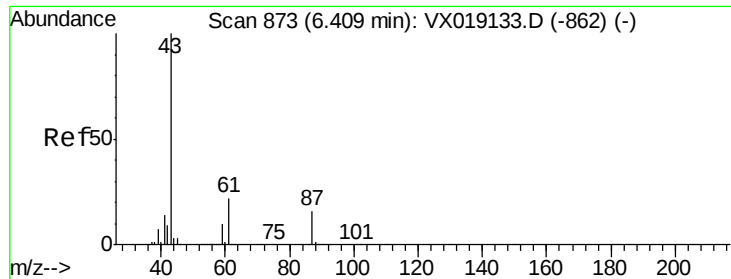
Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	19.0	





#43

Isopropyl Acetate

Concen: 51.592 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

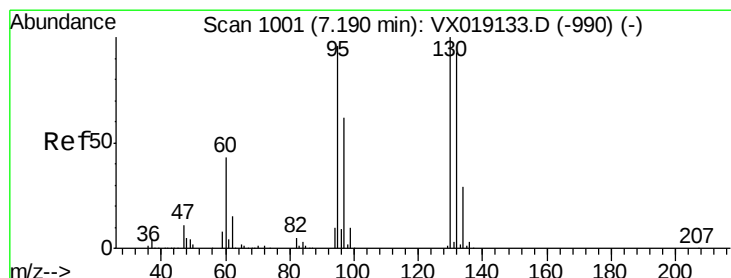
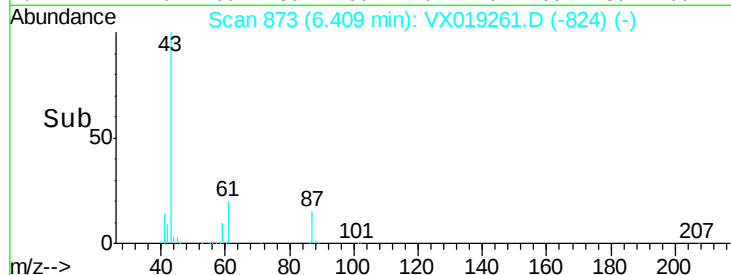
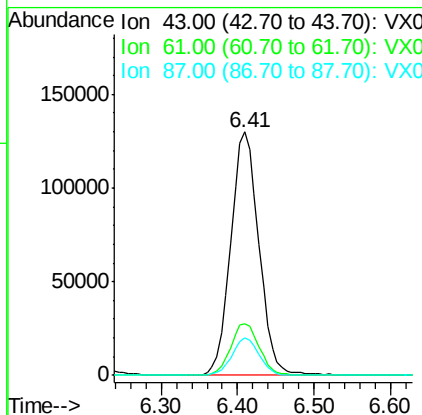
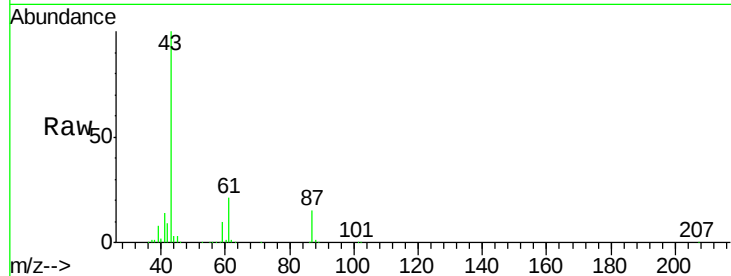
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	328266
Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.8	26.6
87	15.1	12.6	19.0

Manual Integrations
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#44

Trichloroethene

Concen: 50.247 ug/l

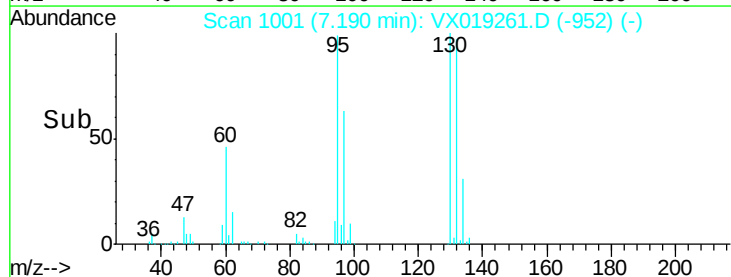
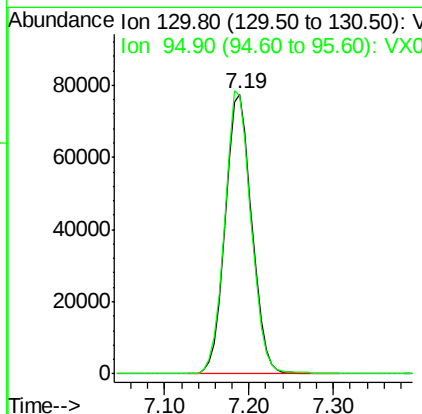
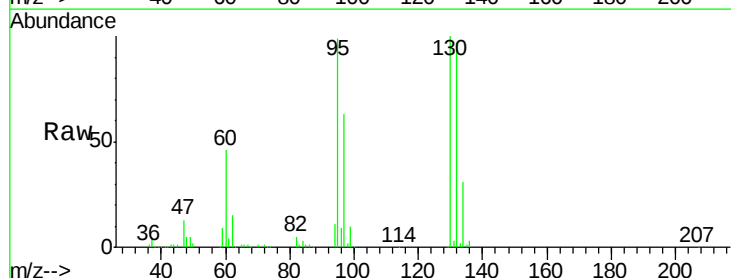
RT: 7.19 min Scan# 1001

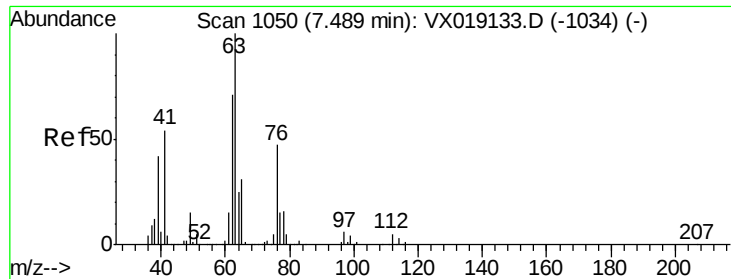
Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion:	130	Resp:	166985
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	192.0





#45

1,2-Dichloropropane

Concen: 54.327 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 154410

Ion Ratio Lower Upper

63 100

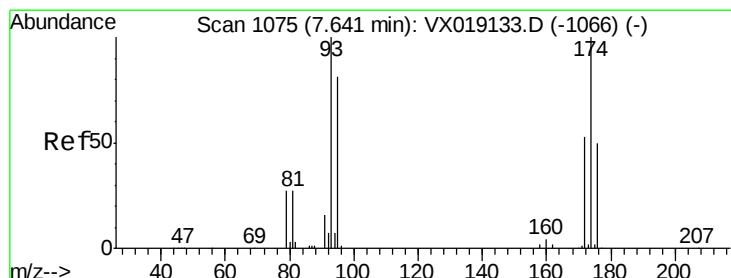
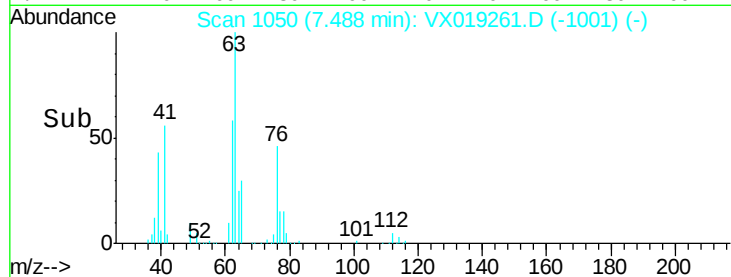
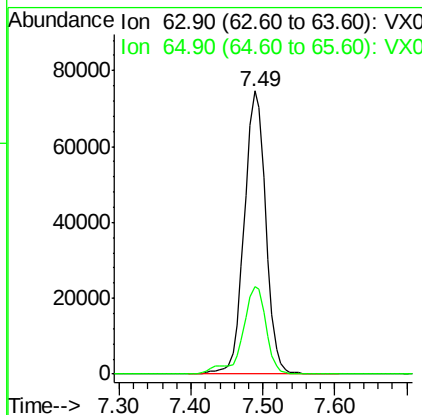
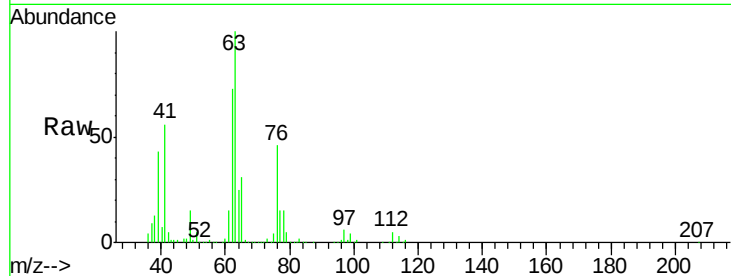
65 31.0 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 51.872 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

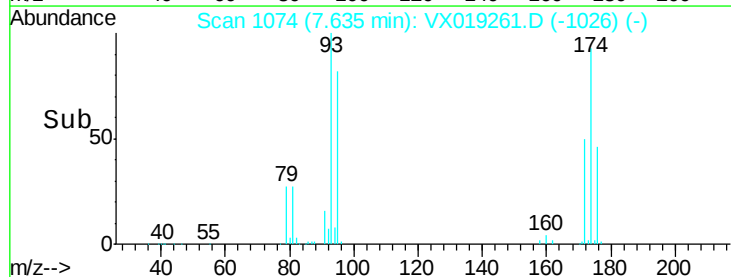
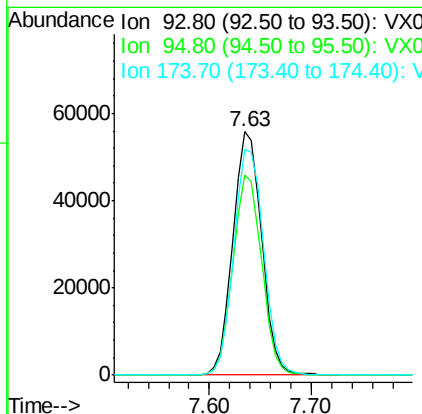
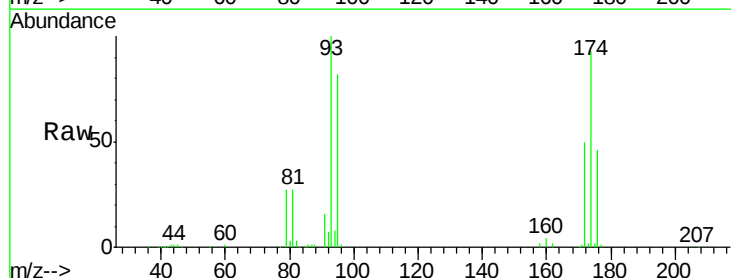
Tgt Ion: 93 Resp: 109021

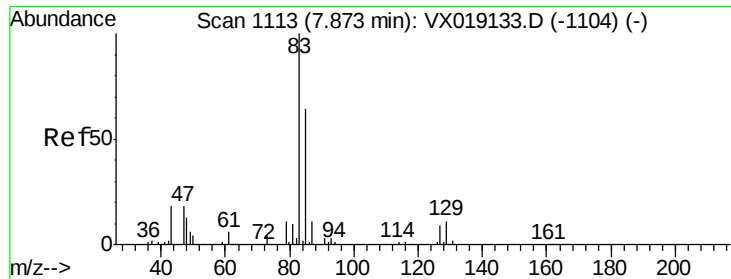
Ion Ratio Lower Upper

93 100

95 82.1 67.0 100.6

174 95.9 81.7 122.5





#47

Bromodichloromethane

Concen: 54.337 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

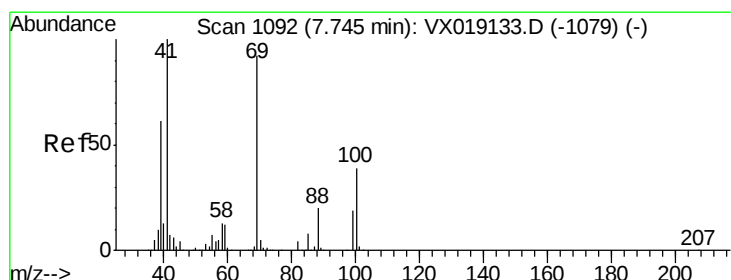
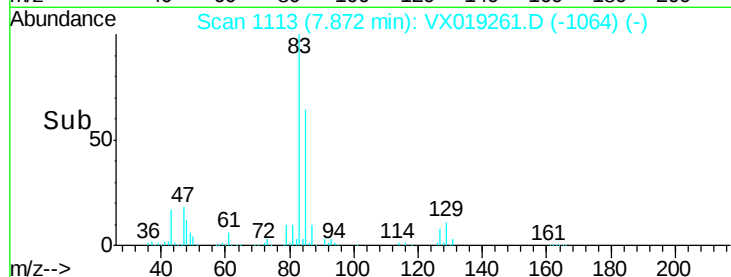
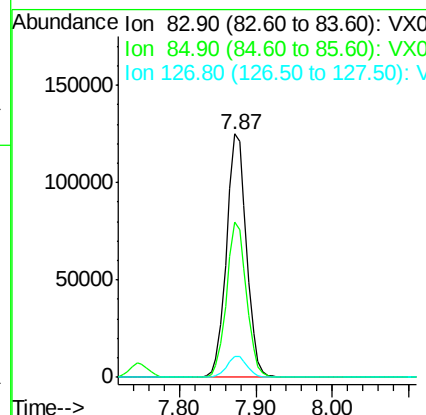
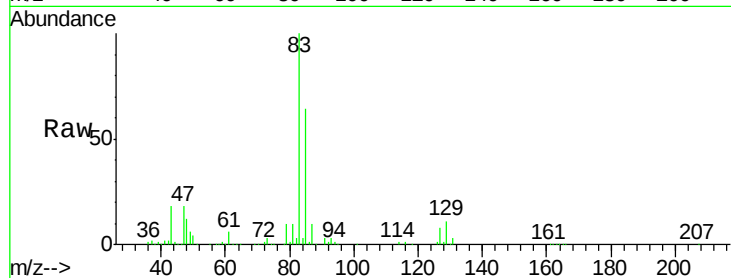
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	225096
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.2	76.8
127	8.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.886 ug/l

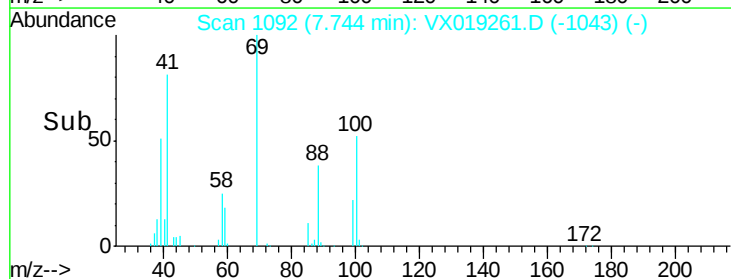
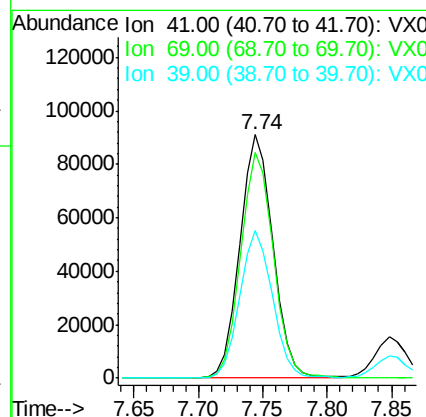
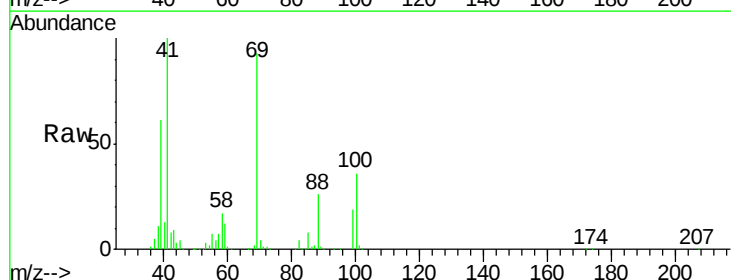
RT: 7.74 min Scan# 1092

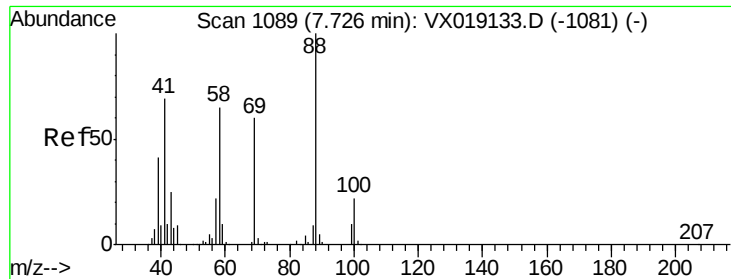
Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion:	41	Resp:	161960
Ion Ratio	Lower	Upper	
41	100		
69	92.2	75.5	113.3
39	59.9	48.9	73.3





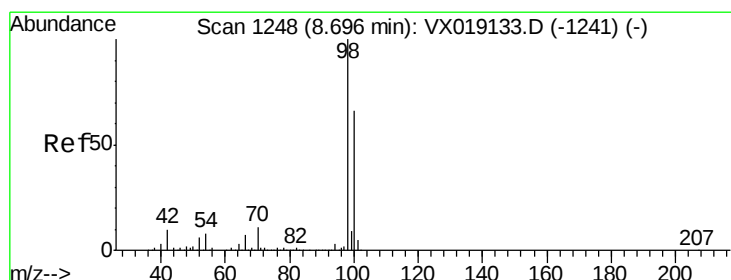
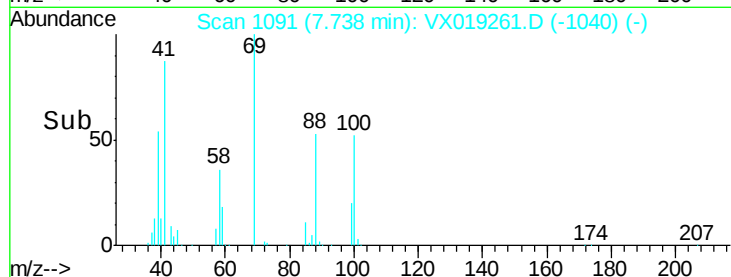
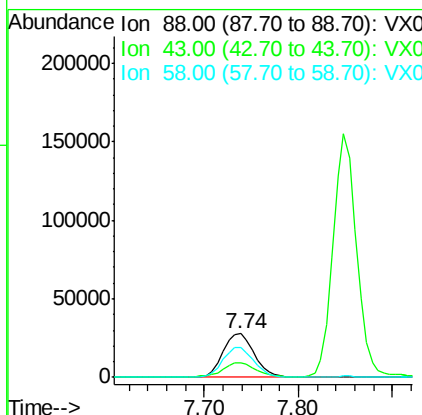
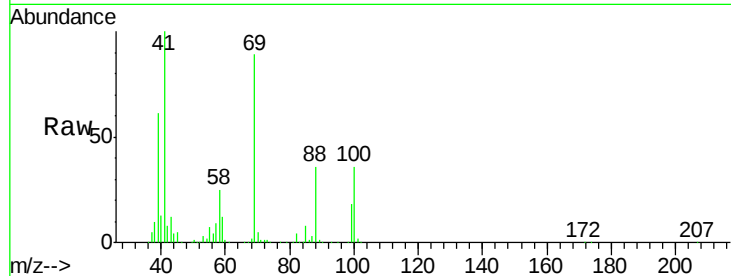
#49
1,4-Dioxane
Concen: 942.147 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	64165
Ion Ratio	Lower	Upper	
88	100		
43	30.7	23.0	34.6
58	68.5	52.2	78.2

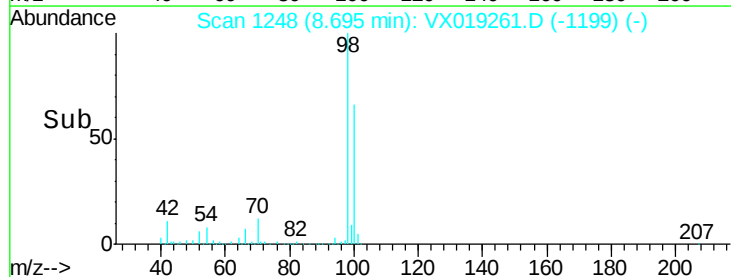
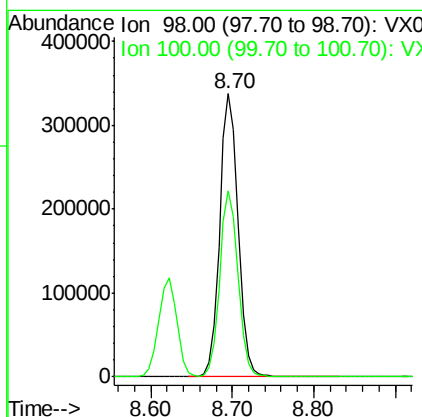
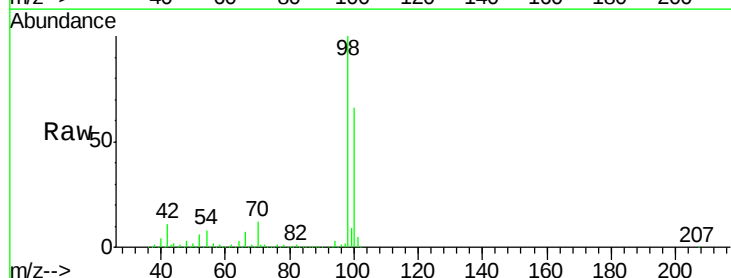
Manual Integrations
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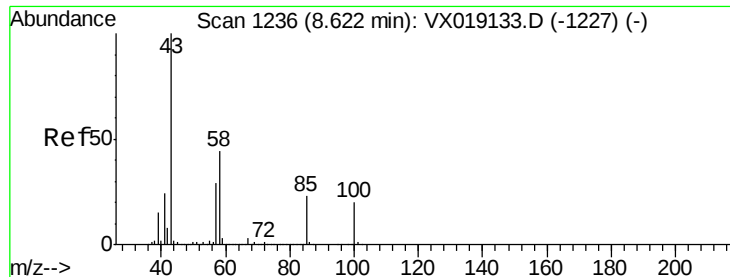
MMDadoda
11/4/2020 11:58:52 AM



#50
Toluene-d8
Concen: 50.510 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	98	Resp	530077
Ion Ratio	Lower	Upper	
98	100		
100	65.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 268.048 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 980242

Ion Ratio Lower Upper

43 100

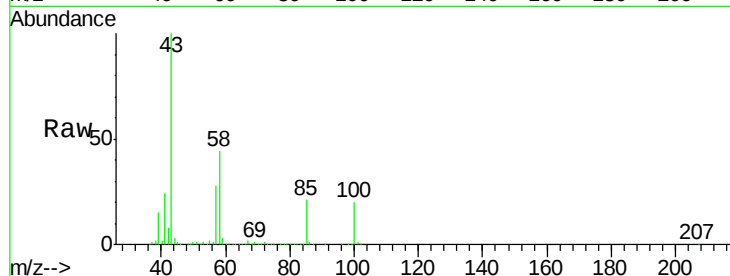
58 43.0 35.0 52.4

Manual Integrations

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MMDadoda

11/4/2020 11:58:52 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

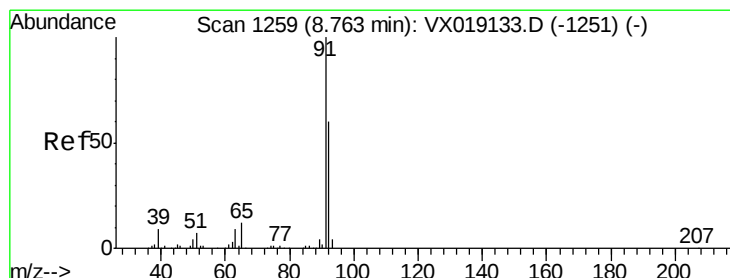
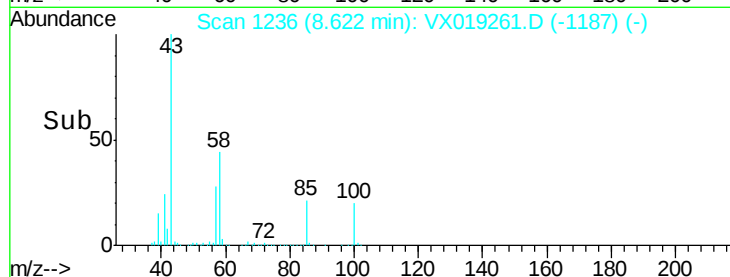
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.885 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019261.D

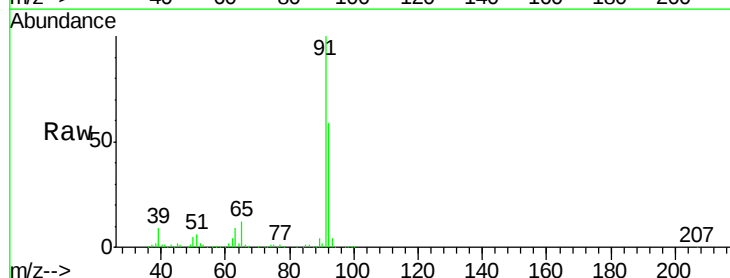
Acq: 04 Nov 2020 01:59

Tgt Ion: 92 Resp: 395249

Ion Ratio Lower Upper

92 100

91 169.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

500000

400000

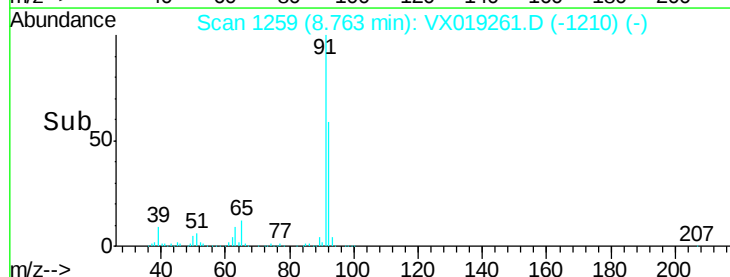
300000

200000

100000

0

Time-->





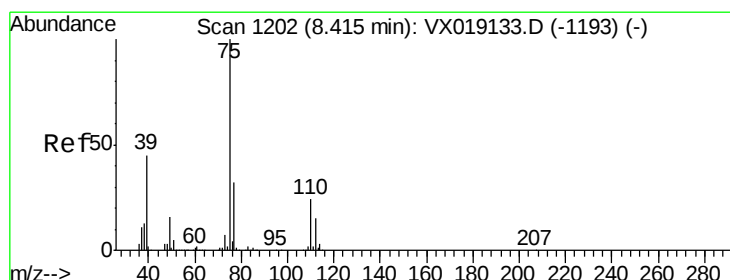
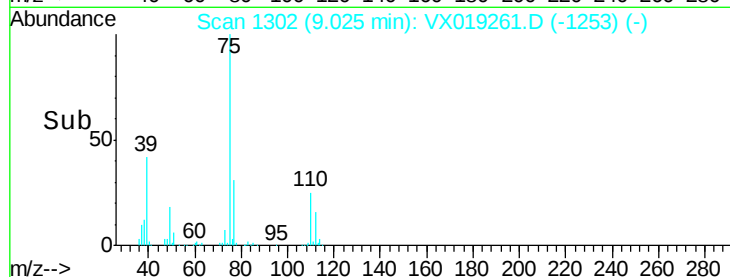
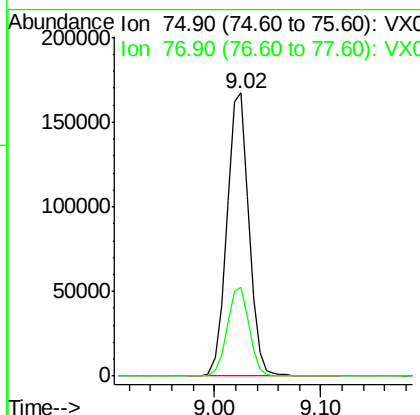
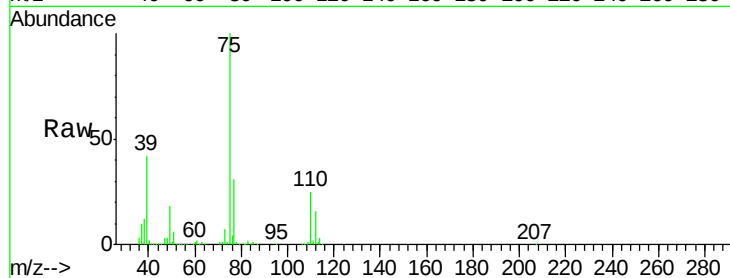
#53
t-1,3-Dichloropropene
Concen: 51.219 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0

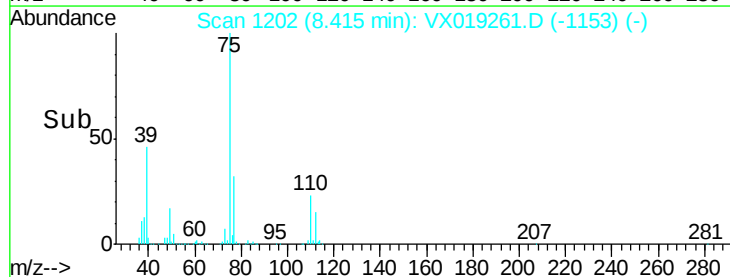
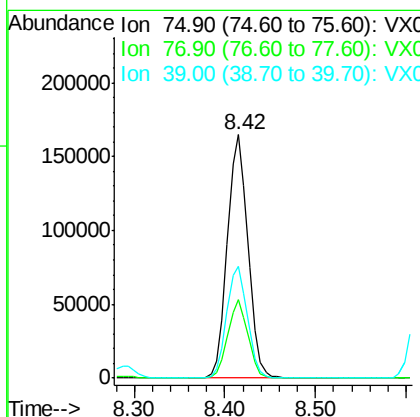
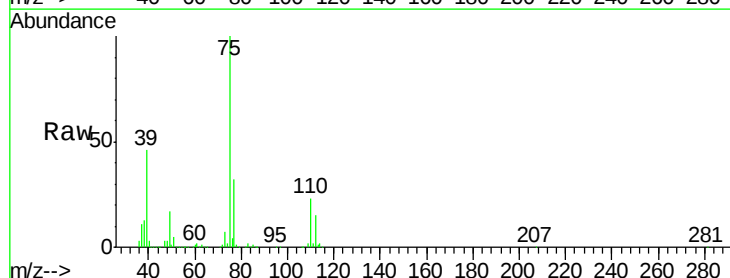
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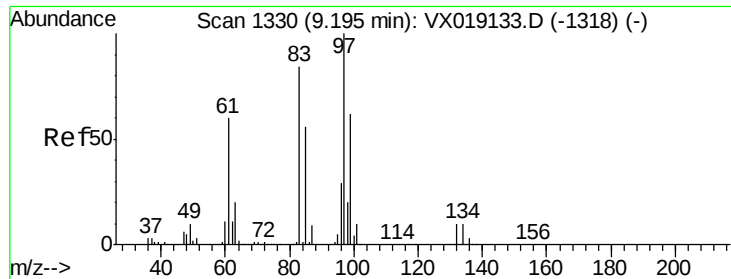
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.228 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3
39	45.7	36.2	54.2





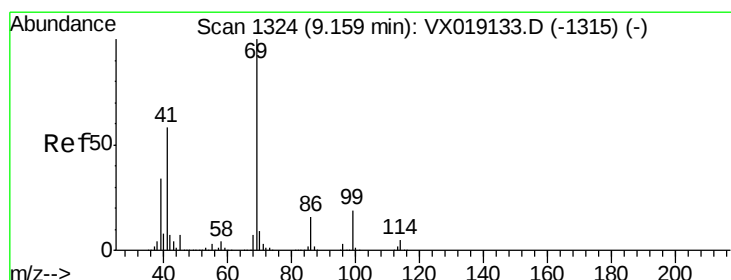
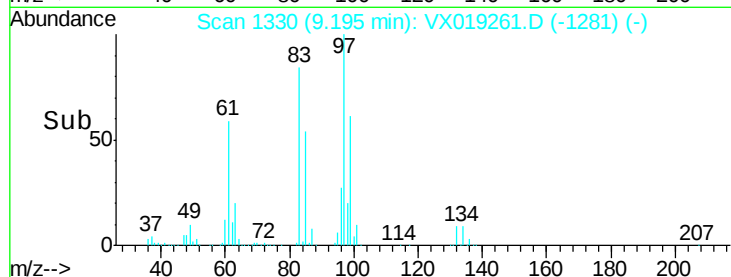
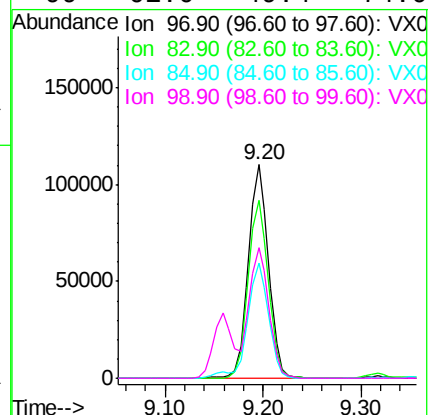
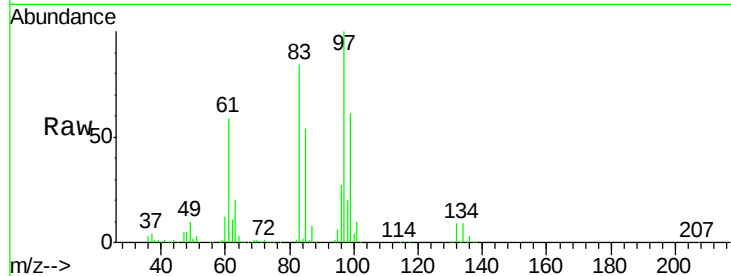
#55
 1,1,2-Trichloroethane
 Concen: 53.281 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	157335
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.2	100.8
85	54.0	44.6	67.0
99	61.0	49.4	74.0

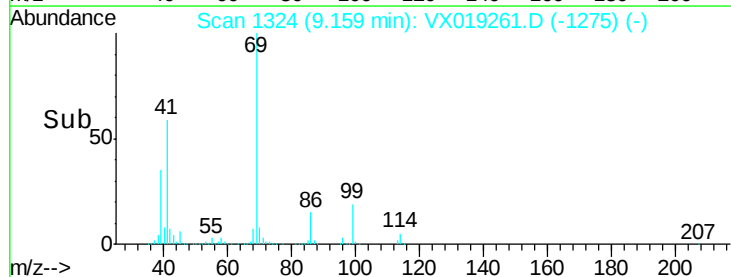
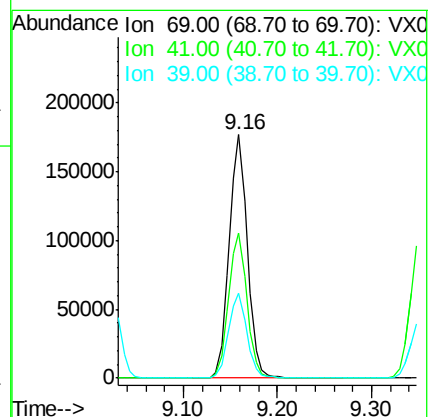
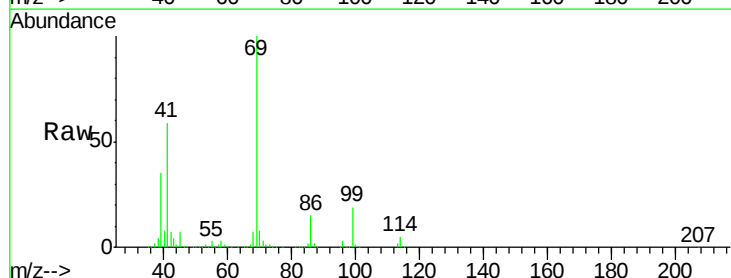
Manual Integrations
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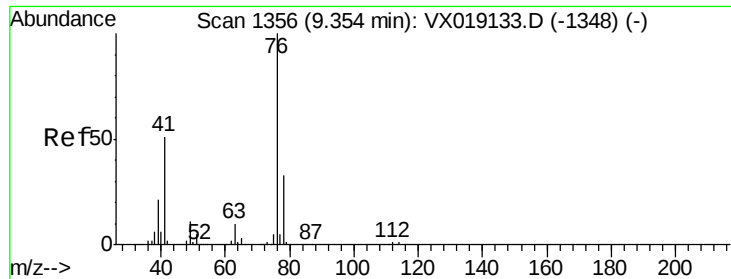
MMDadoda
 11/4/2020 11:58:52 AM



#56
 Ethyl methacrylate
 Concen: 53.395 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Tgt Ion:	69	Resp:	238160
Ion	Ratio	Lower	Upper
69	100		
41	60.0	46.5	69.7
39	34.9	27.6	41.4





#57

1,3-Dichloropropane

Concen: 53.254 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 265132

Ion Ratio Lower Upper

76 100

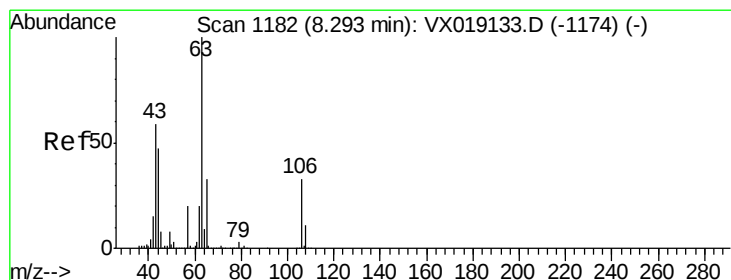
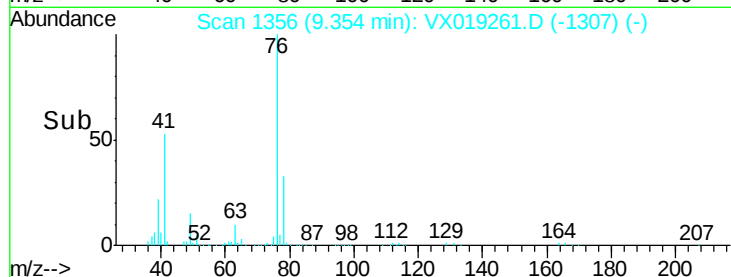
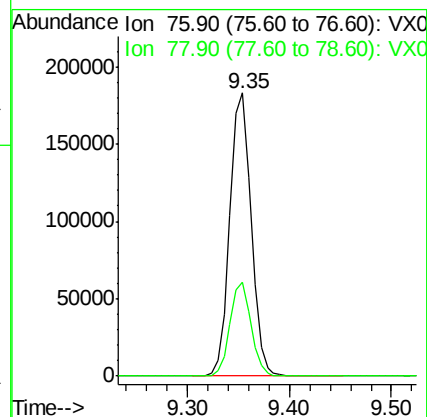
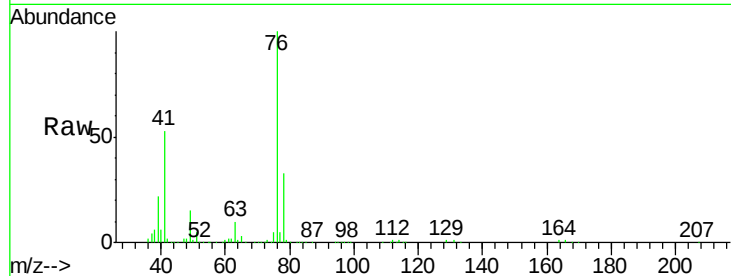
78 32.7 25.9 38.9

Manual Integrations

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11/4/2020 11:58:52 AM



#58

2-Chloroethyl Vinyl ether

Concen: 252.442 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019261.D

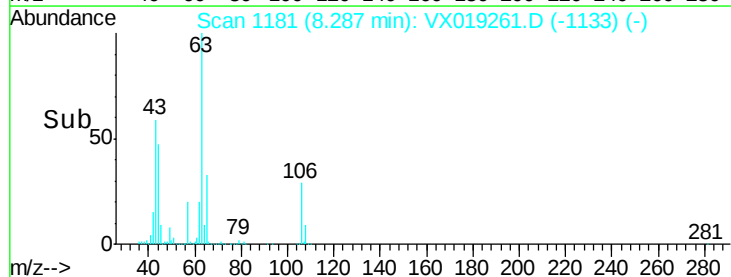
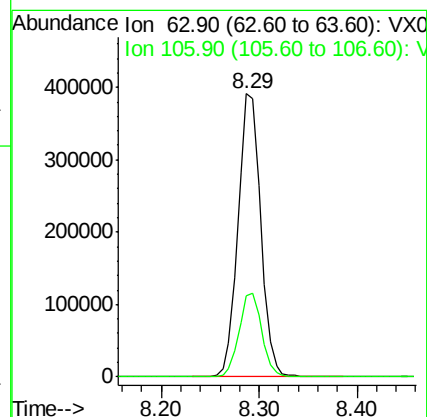
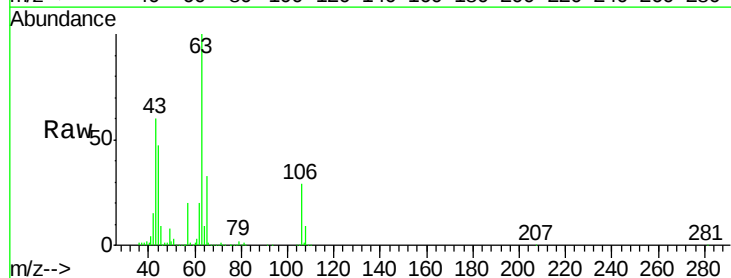
Acq: 04 Nov 2020 01:59

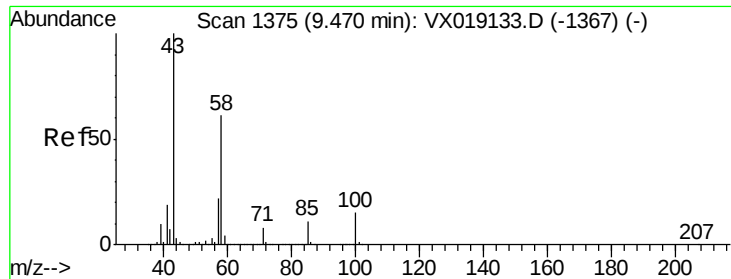
Tgt Ion: 63 Resp: 629711

Ion Ratio Lower Upper

63 100

106 29.6 25.1 37.7





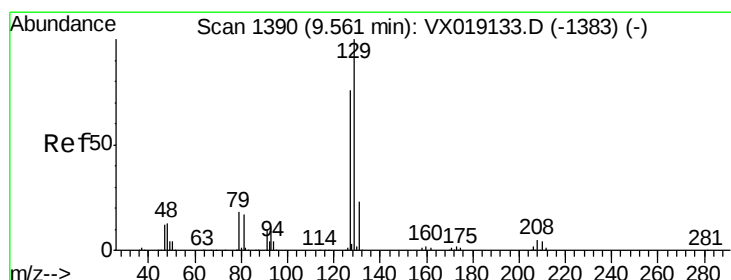
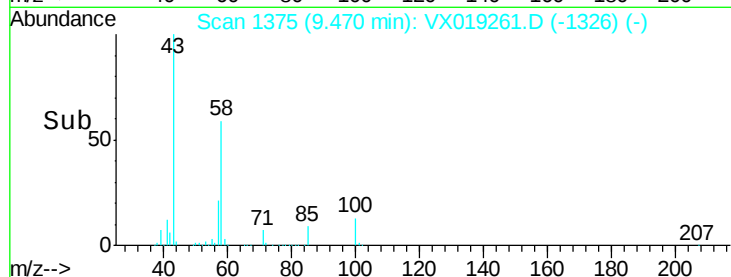
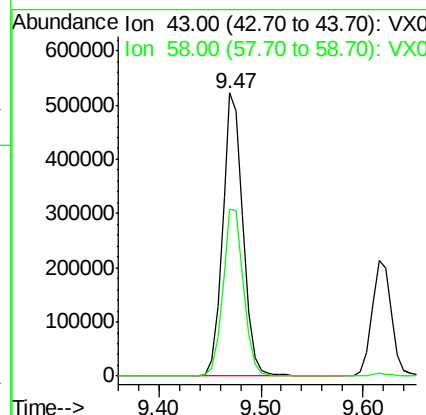
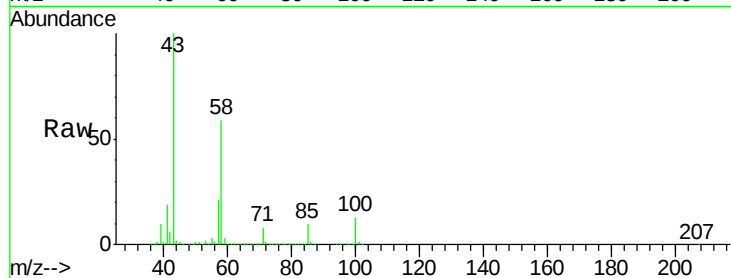
#59
2-Hexanone
Concen: 260.223 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.4	30.5	91.5

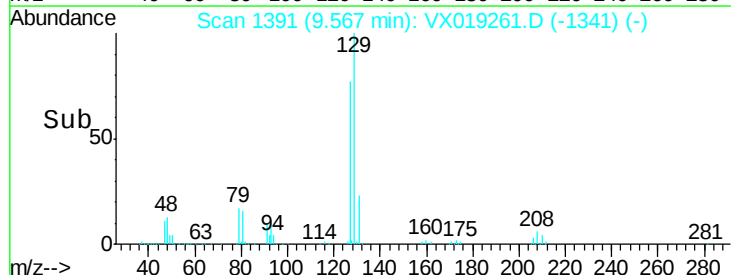
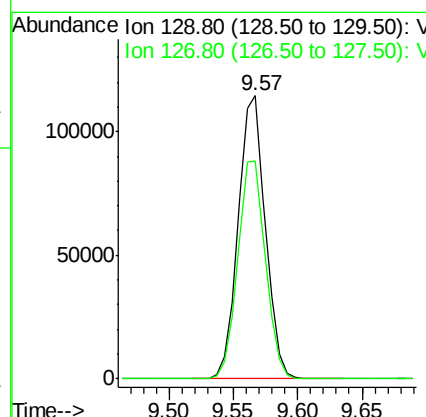
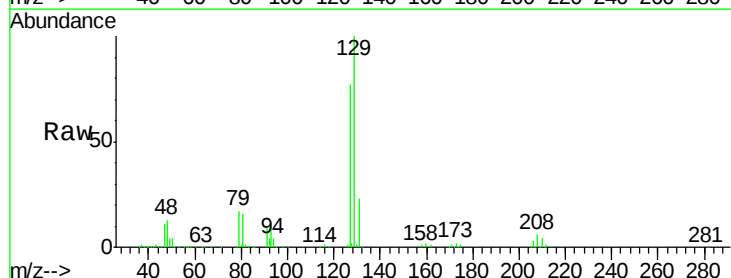
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#60
Dibromochloromethane
Concen: 52.486 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.6	115.8





#61

1,2-Dibromoethane

Concen: 52.188 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 164798

Ion Ratio Lower Upper

107 100

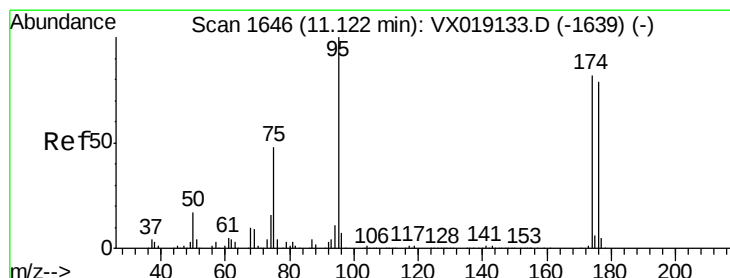
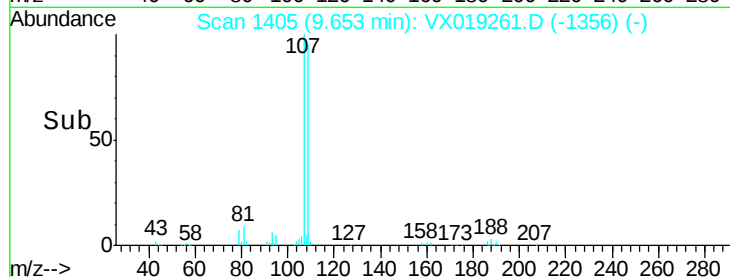
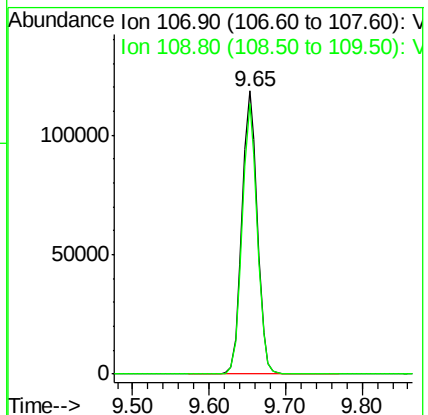
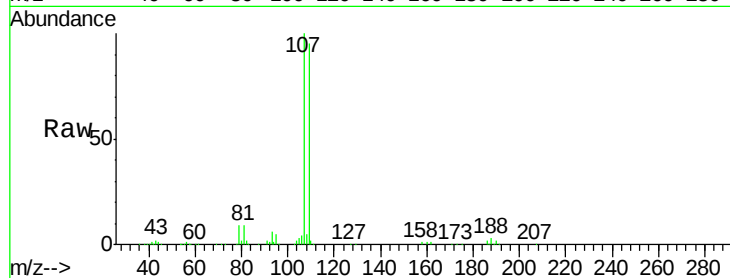
109 93.7 75.9 113.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.712 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

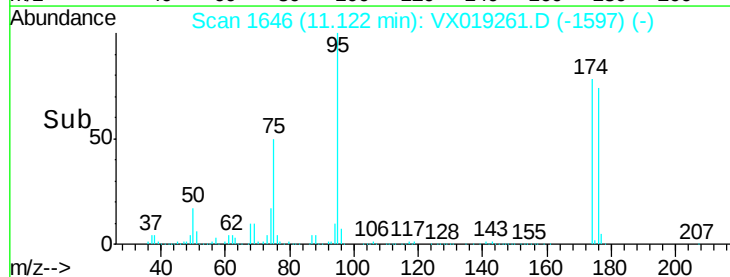
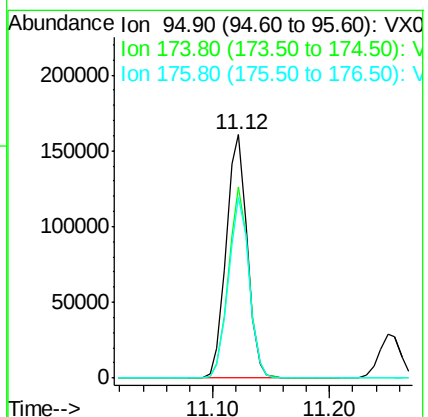
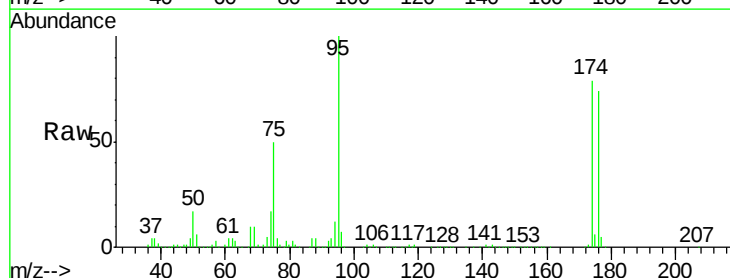
Tgt Ion: 95 Resp: 201544

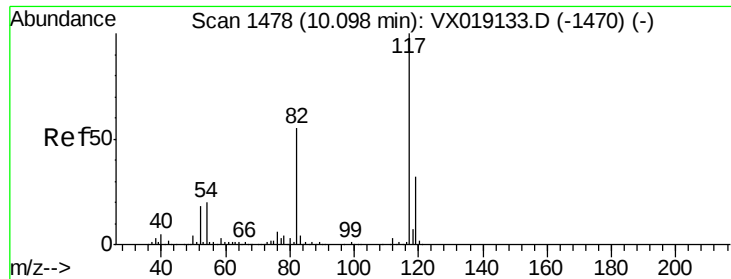
Ion Ratio Lower Upper

95 100

174 76.6 0.0 156.0

176 73.4 0.0 149.8





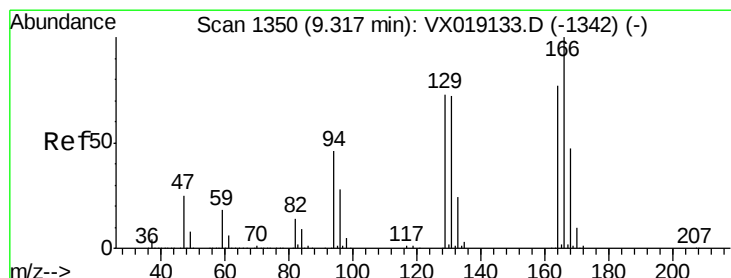
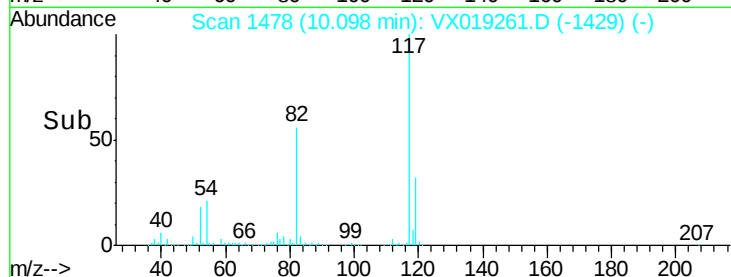
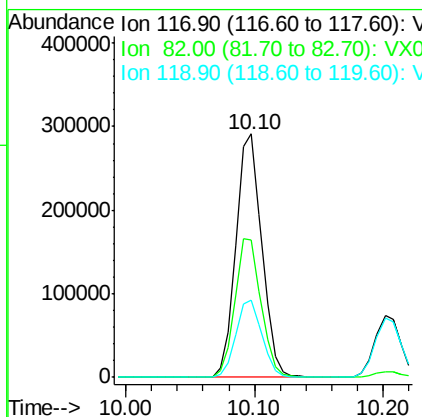
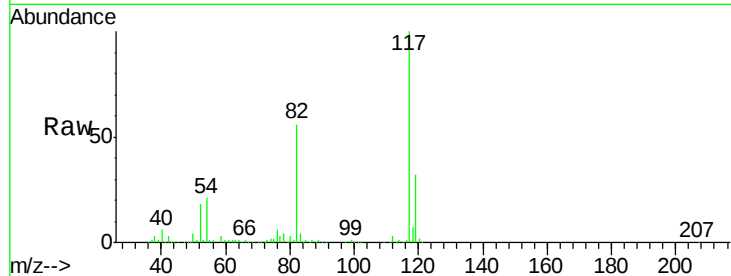
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	407459		
82	56.3		43.6	65.4
119	31.9		25.5	38.3

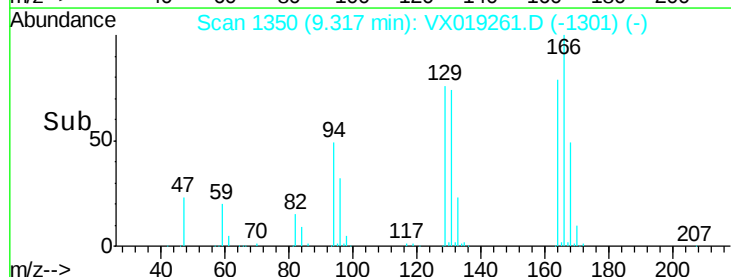
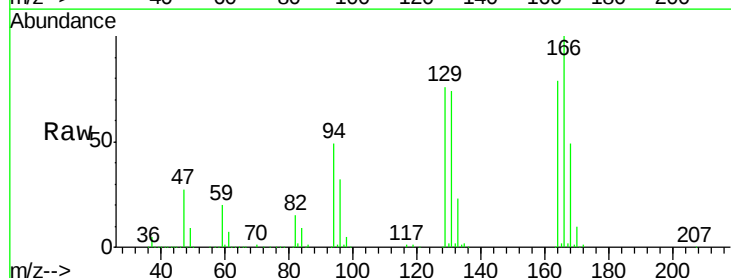
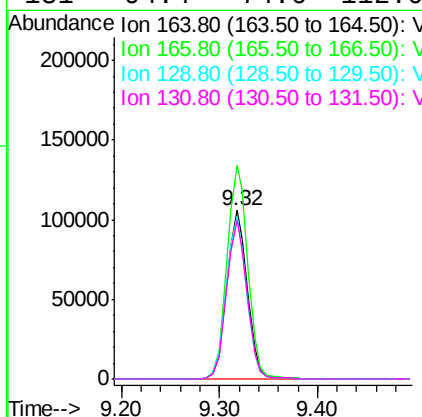
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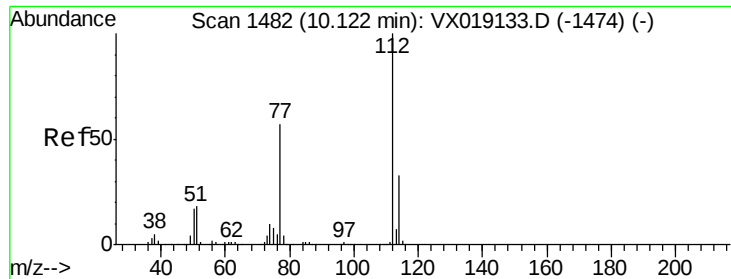
MMDadoda
11/4/2020 11:58:52 AM



#64
Tetrachloroethene
Concen: 49.461 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153547		
166	126.8		104.1	156.1
129	96.9		76.2	114.4
131	94.4		74.6	112.0





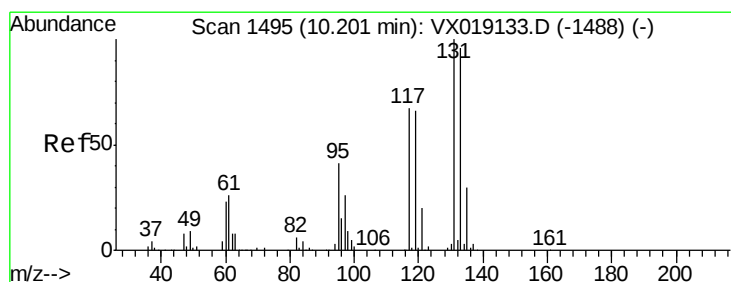
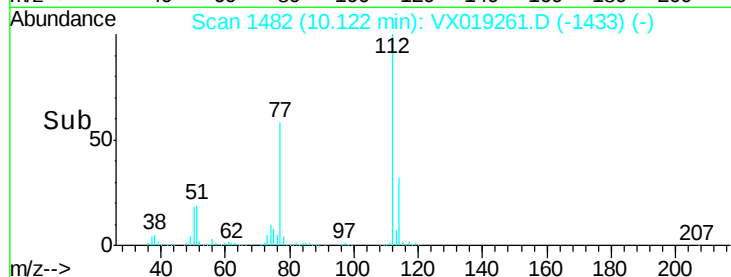
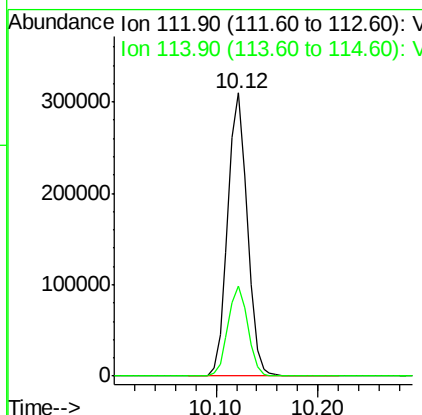
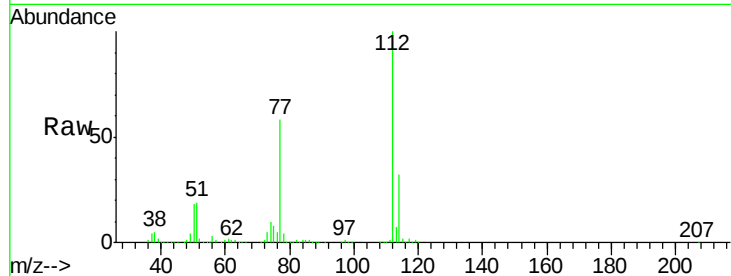
#65
Chlorobenzene
Concen: 49.411 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 411495
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1

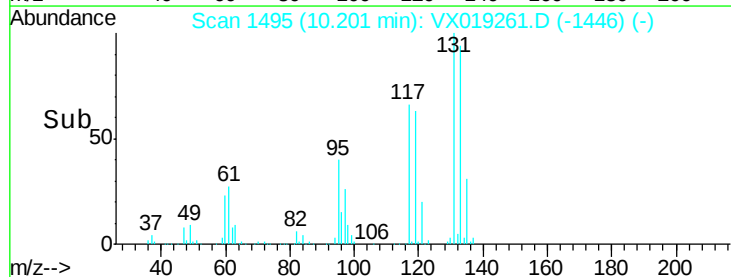
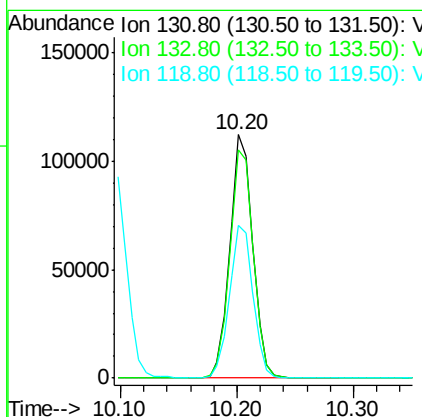
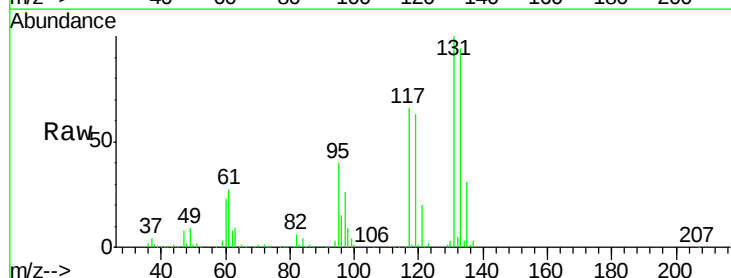
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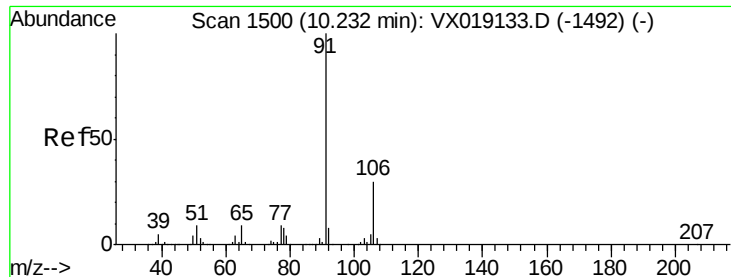
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.206 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion:131 Resp: 153523
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 64.8 32.3 96.9





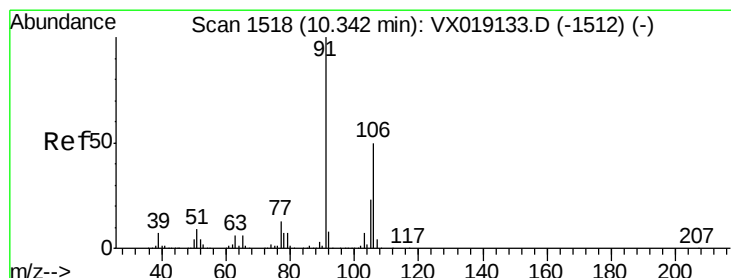
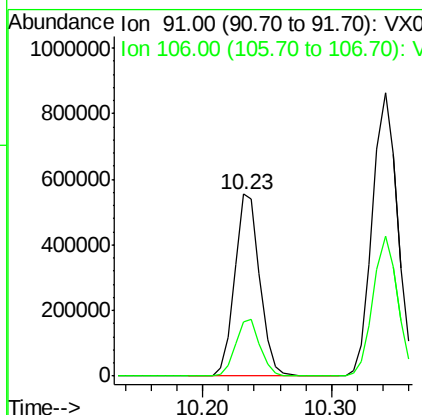
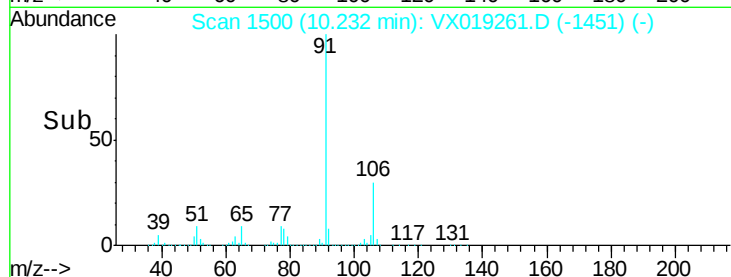
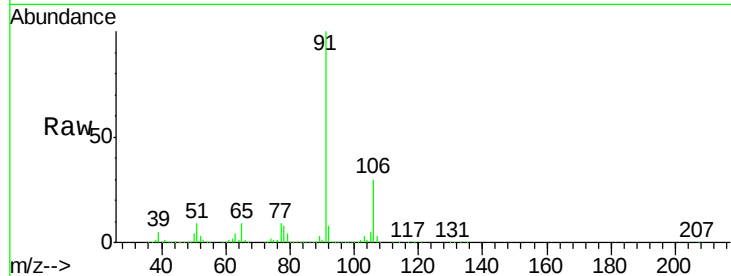
#67
Ethyl Benzene
Concen: 50.685 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 752162
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

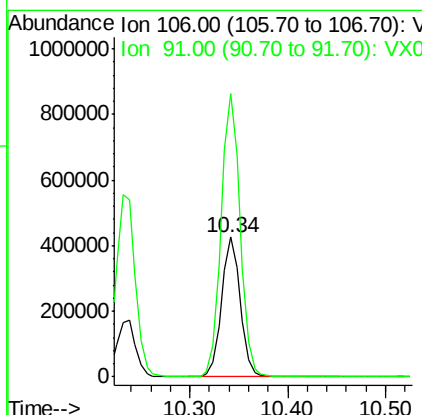
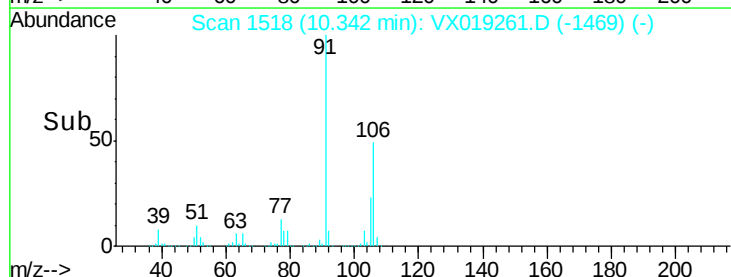
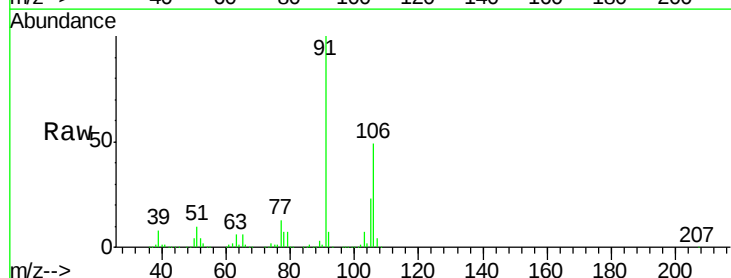
Manual Integrations
APPROVED

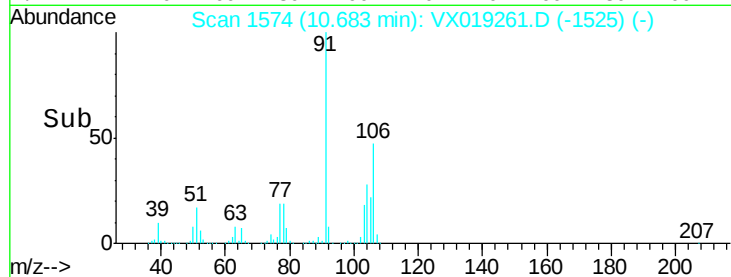
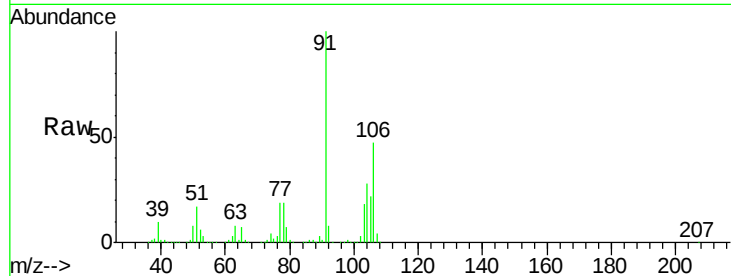
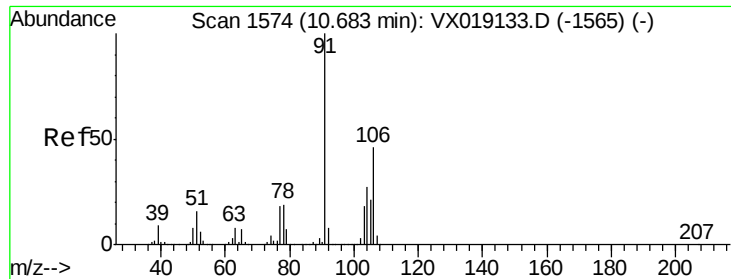
MMDadoda
11/4/2020 11:58:52 AM



#68
m/p-Xylenes
Concen: 100.906 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion: 106 Resp: 562012
Ion Ratio Lower Upper
106 100
91 206.5 161.0 241.4





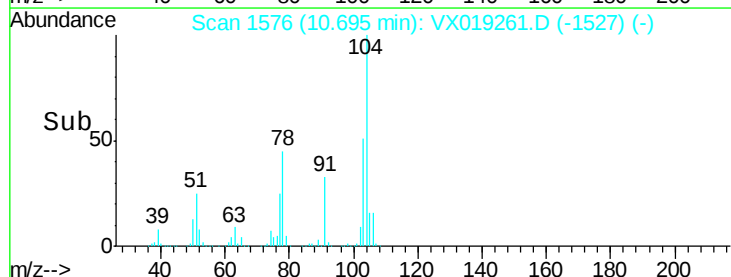
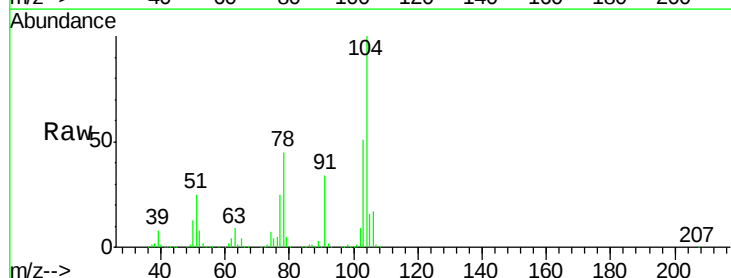
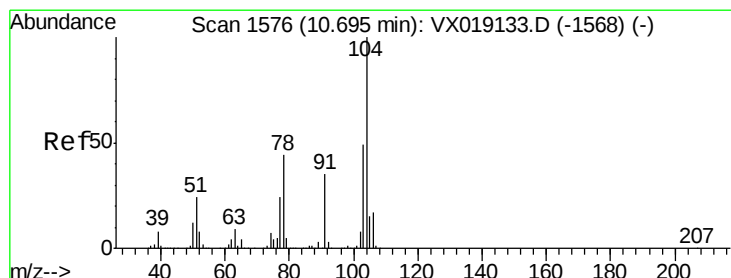
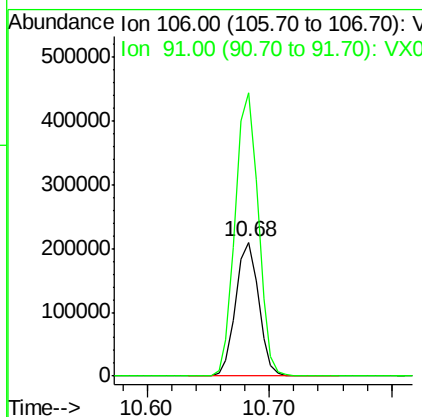
#69
o-Xylene
Concen: 51.386 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tot Ion:106 Resp: 271461
Ion Ratio Lower Upper
106 100
91 213.9 108.3 324.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

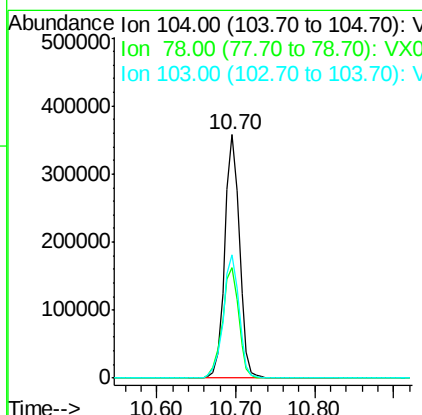
Manual Integrations
APPROVED

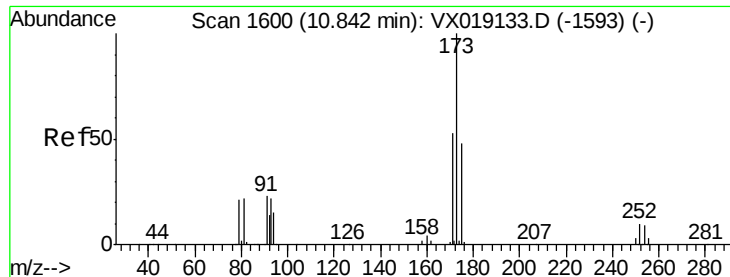
MMDadoda
11/4/2020 11:58:52 AM



#70
Styrene
Concen: 51.327 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion:104 Resp: 462649
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 54.4 43.5 65.3





#71

Bromoform

Concen: 49.650 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 118024

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.4

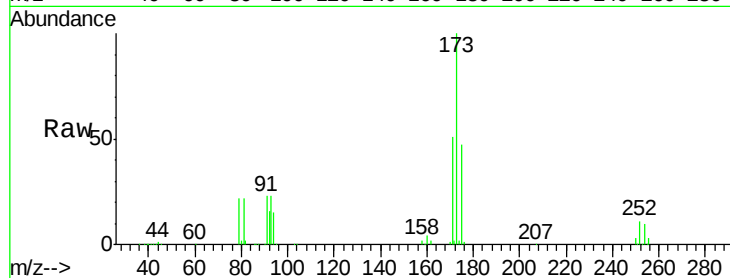
254 0.1 0.1 0.1

Manual Integrations

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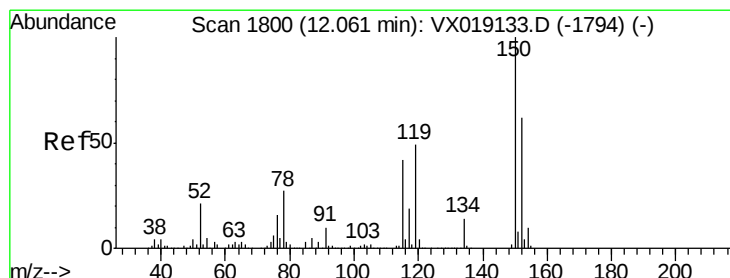
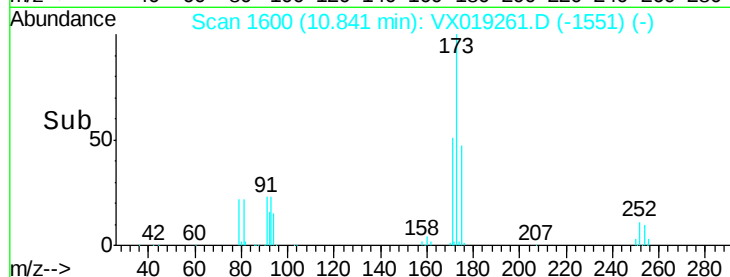
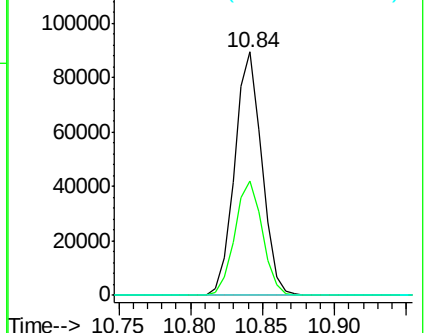
11/4/2020 11:58:52 AM



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: VX019261.D

Acq: 04 Nov 2020 01:59

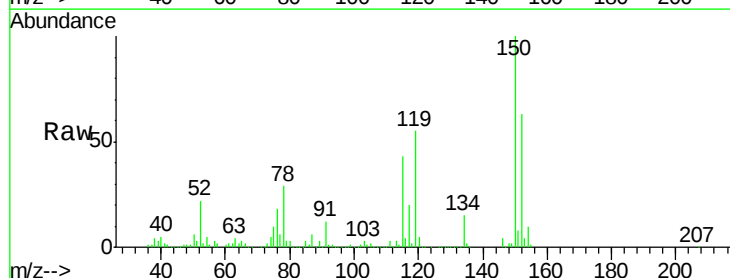
Tgt Ion:152 Resp: 205041

Ion Ratio Lower Upper

152 100

115 84.9 41.9 125.7

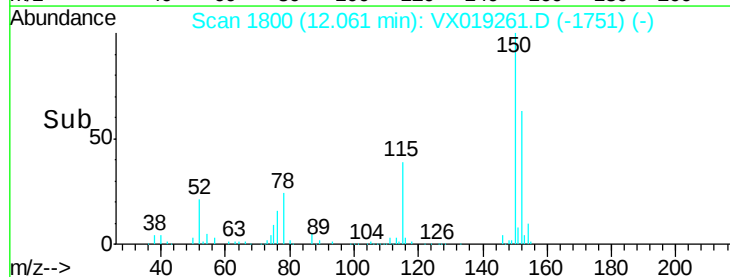
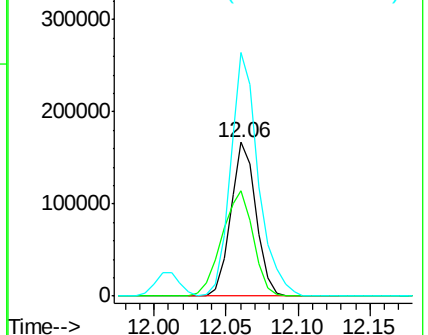
150 173.2 0.0 347.8

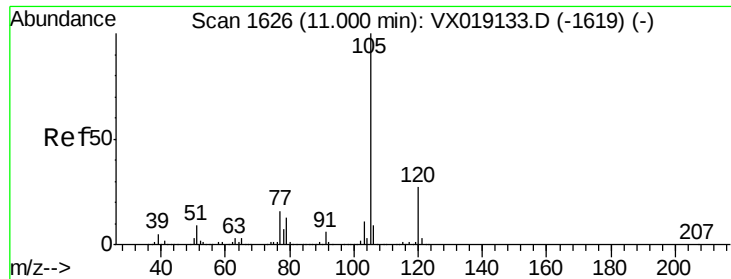


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.210 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 728743

Ion Ratio Lower Upper

105 100

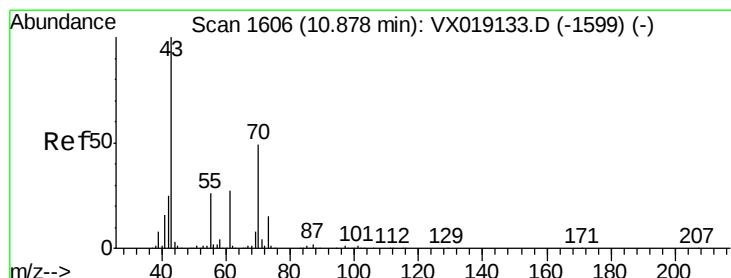
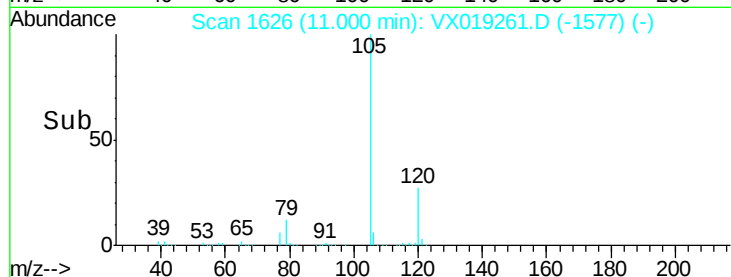
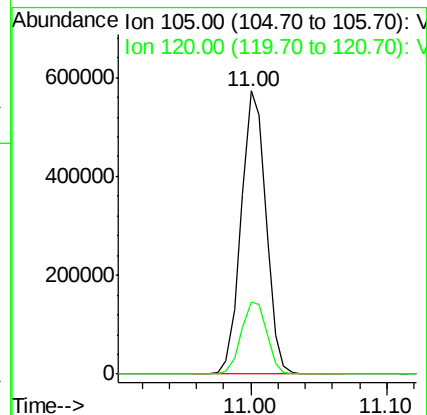
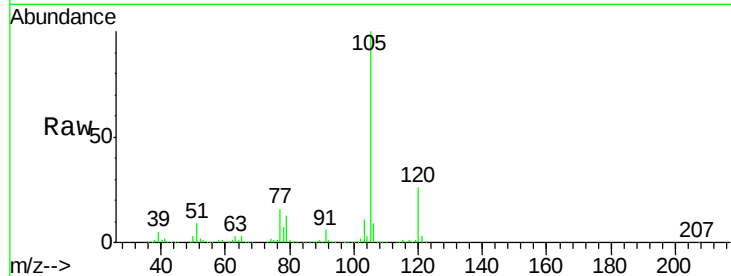
120 26.5 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.427 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Tgt Ion: 43 Resp: 283518

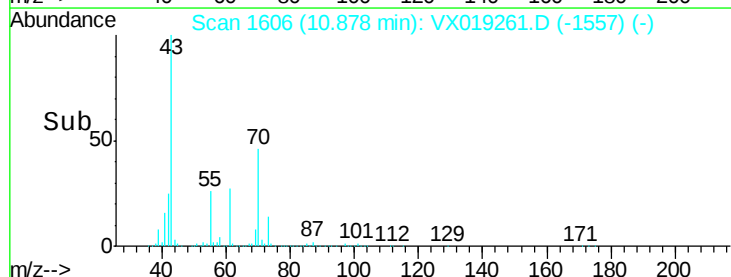
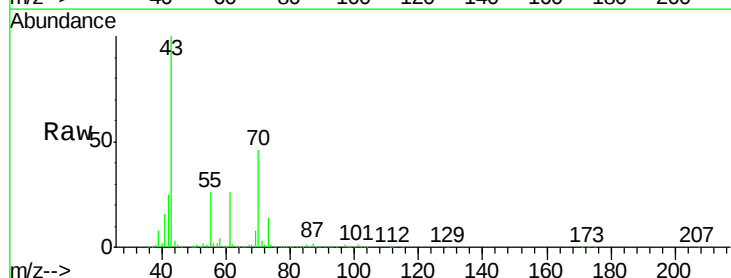
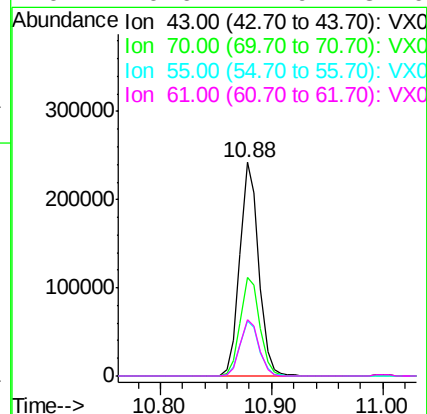
Ion Ratio Lower Upper

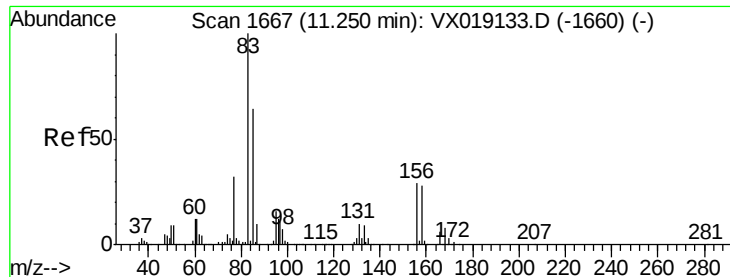
43 100

70 47.9 39.6 59.4

55 26.4 20.7 31.1

61 26.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.251 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 227938
Ion Ratio Lower Upper

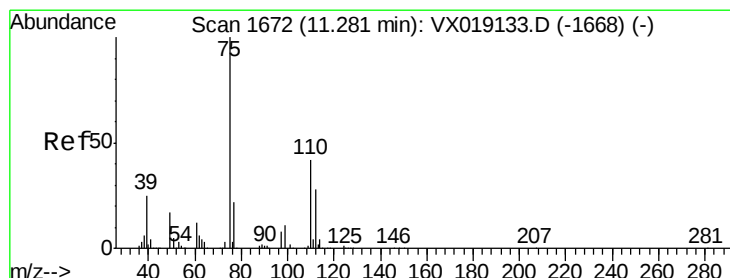
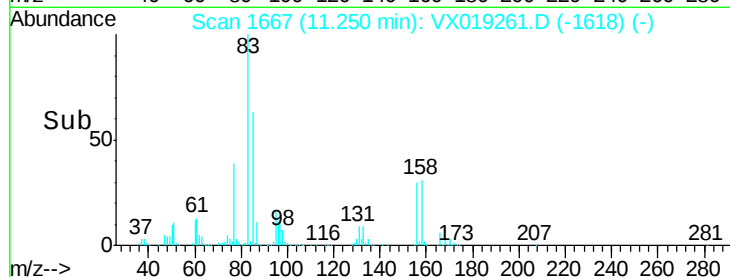
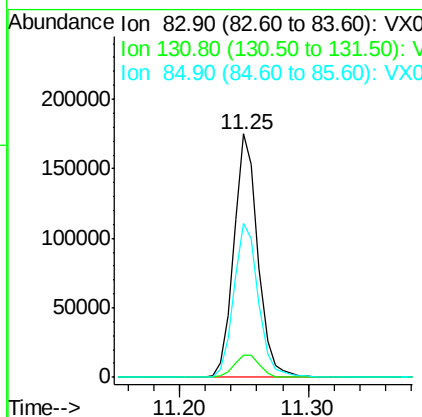
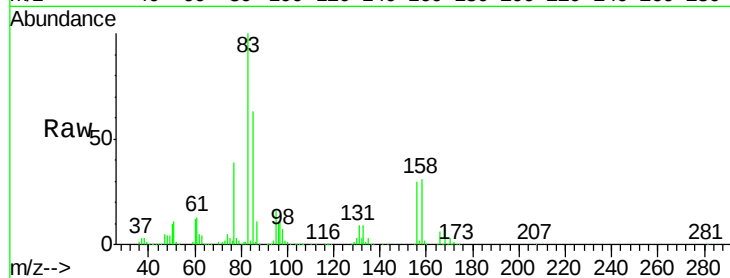
83 100

131 9.9 5.2 15.6

85 64.7 32.1 96.3

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MMDadoda
11/4/2020 11:58:52 AM



#76

1,2,3-Trichloropropane

Concen: 50.522 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

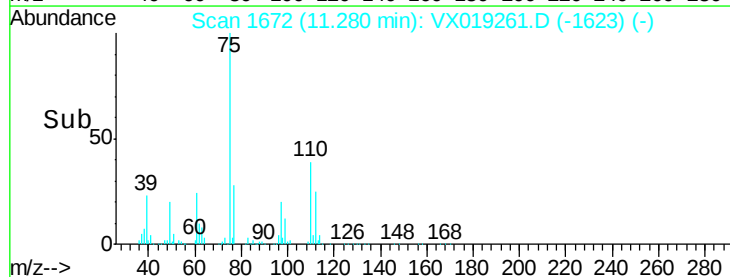
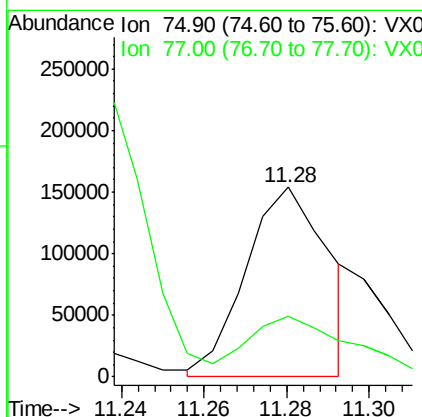
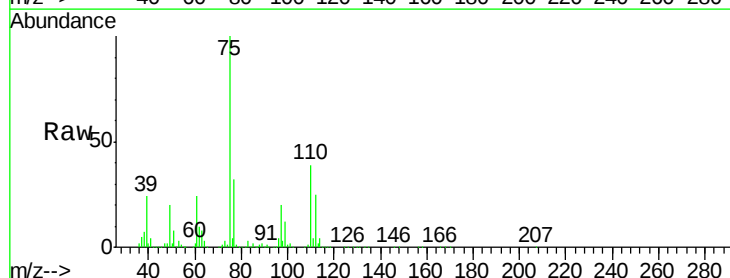
Lab File: VX019261.D

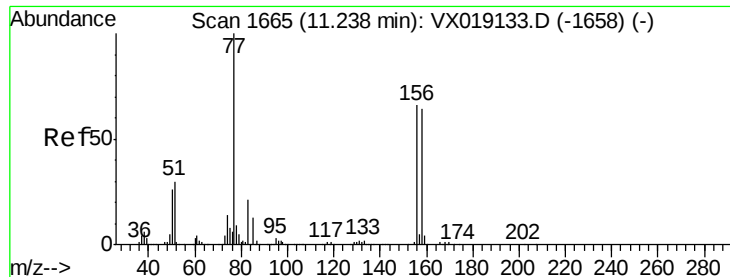
Acq: 04 Nov 2020 01:59

Tgt Ion: 75 Resp: 213893
Ion Ratio Lower Upper

75 100

77 39.7 20.3 60.9





#77

Bromobenzene

Concen: 49.160 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 177083

Ion Ratio Lower Upper

156 100

77 165.9 77.7 233.1

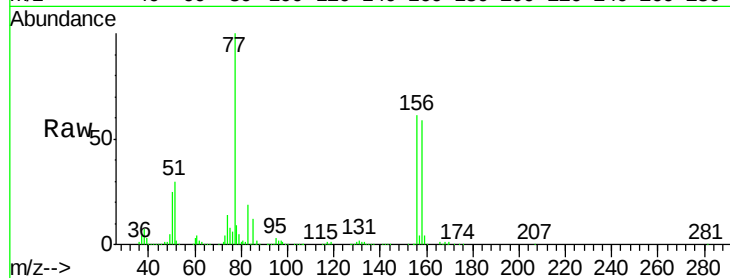
158 97.6 48.3 144.8

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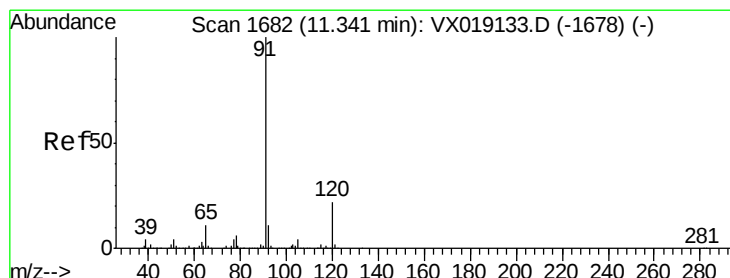
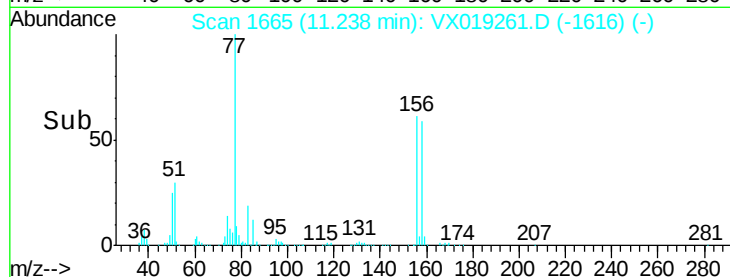
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.24

Time-->



#78

n-propylbenzene

Concen: 51.130 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019261.D

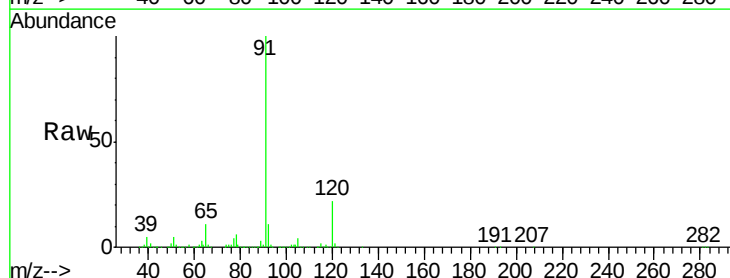
Acq: 04 Nov 2020 01:59

Tgt Ion: 91 Resp: 847124

Ion Ratio Lower Upper

91 100

120 22.6 11.7 35.0

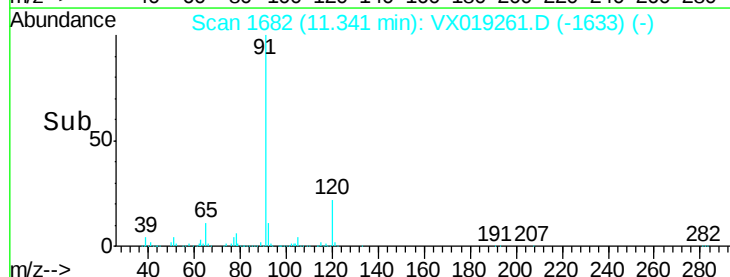


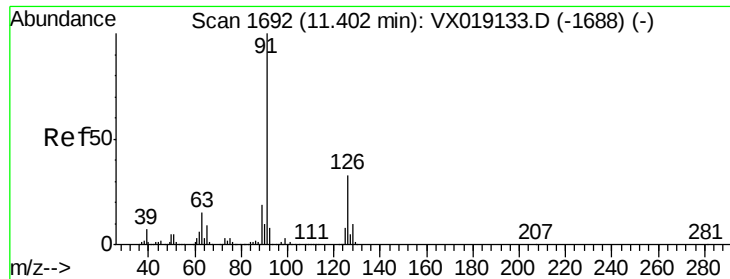
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

Time-->





#79

2-Chlorotoluene

Concen: 50.983 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 497299

Ion Ratio Lower Upper

91 100

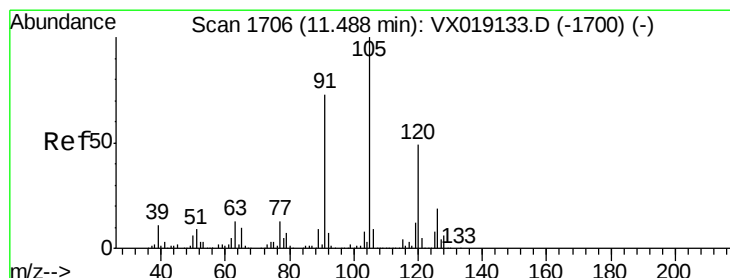
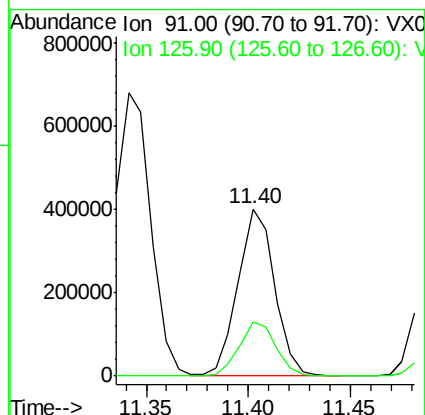
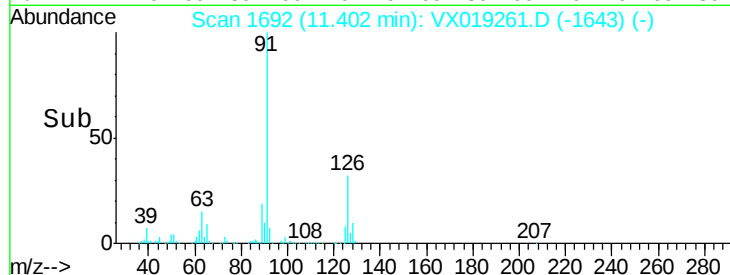
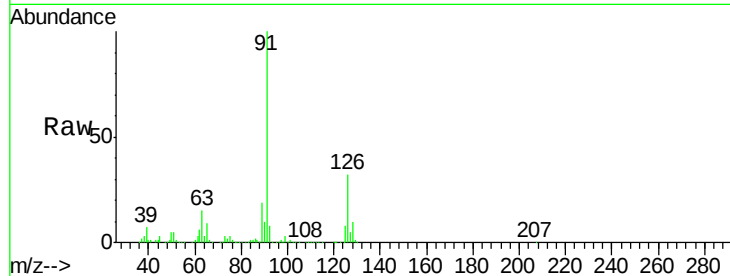
126 33.0 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 50.813 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019261.D

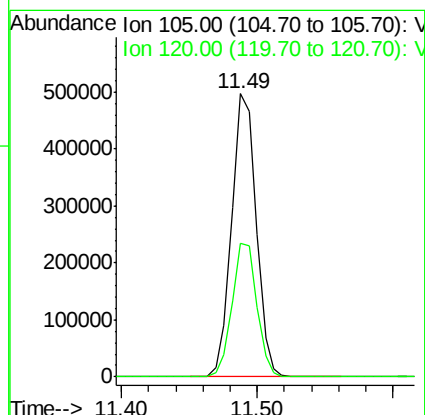
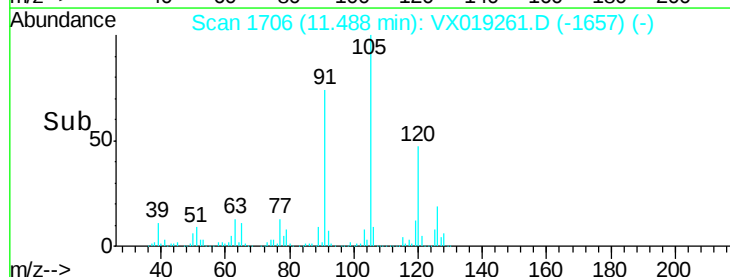
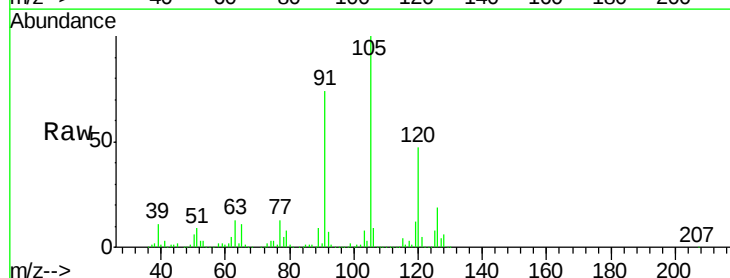
Acq: 04 Nov 2020 01:59

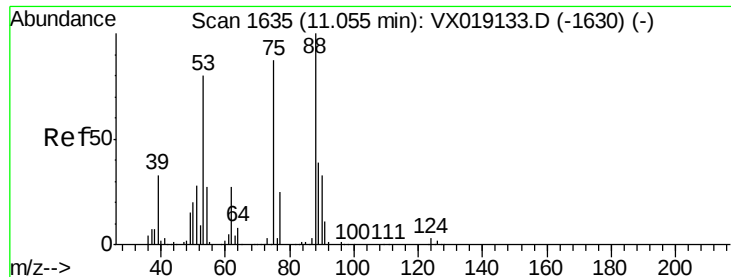
Tgt Ion: 105 Resp: 623030

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.863 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019261.D

Acq: 04 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 73744

Ion Ratio Lower Upper

75 100

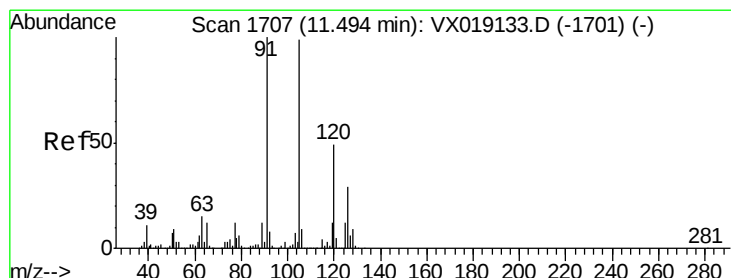
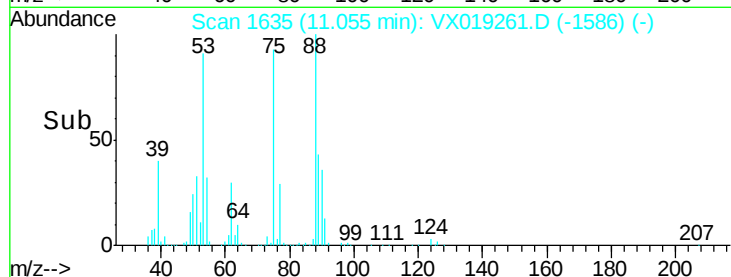
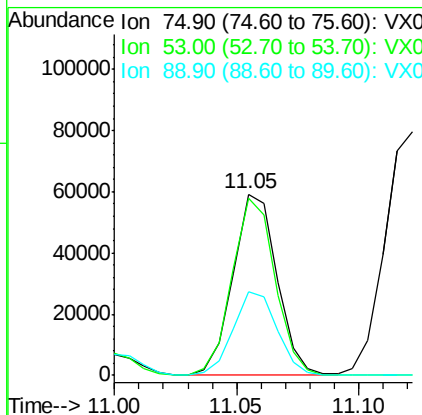
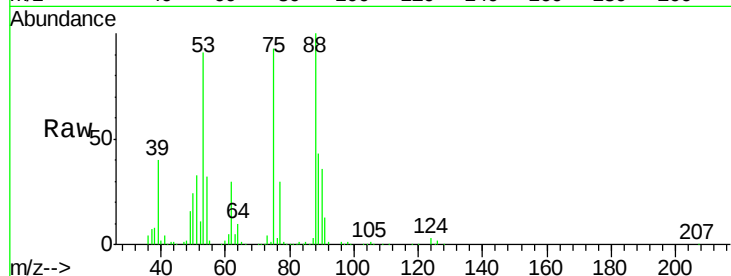
53 97.1 73.3 109.9

89 46.4 38.2 57.2

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#82

4-Chlorotoluene

Concen: 50.014 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019261.D

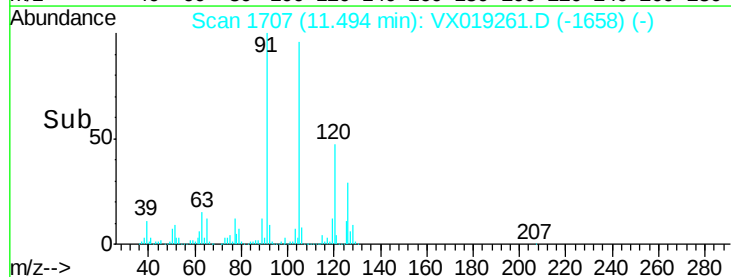
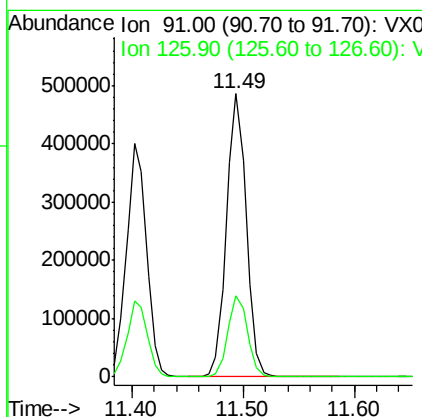
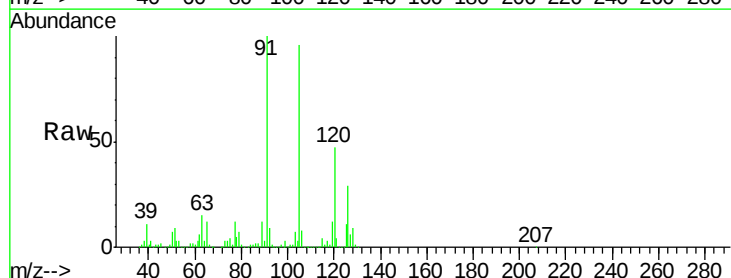
Acq: 04 Nov 2020 01:59

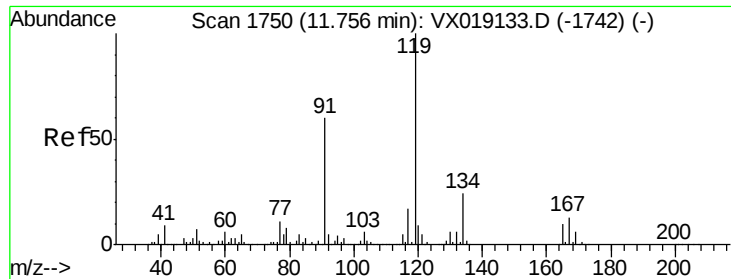
Tgt Ion: 91 Resp: 595739

Ion Ratio Lower Upper

91 100

126 28.8 14.8 44.4





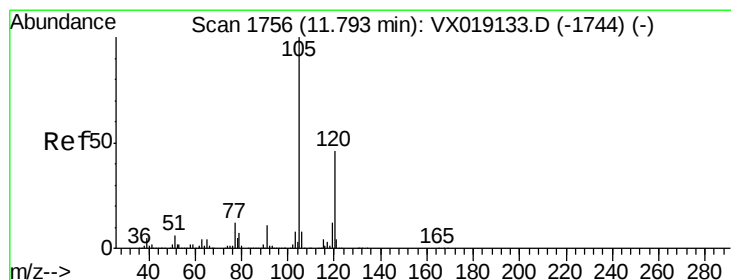
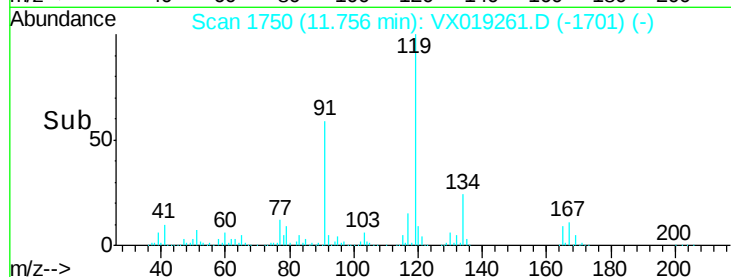
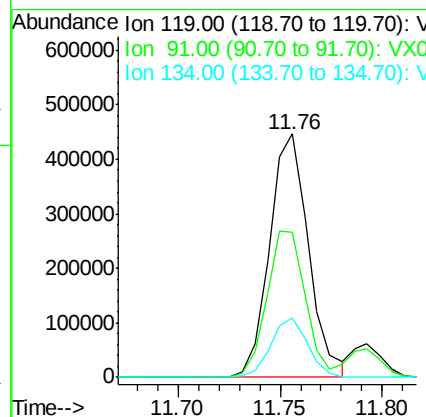
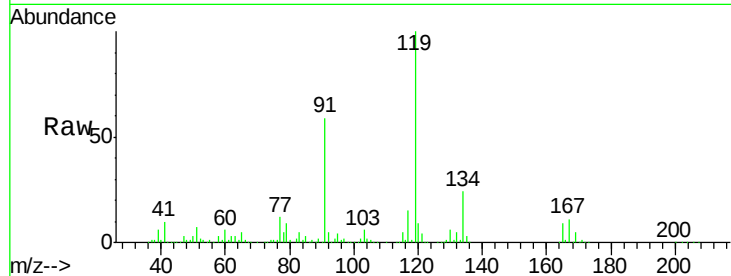
#83
tert-Butylbenzene
Concen: 50.621 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	29.0	87.1
134	23.2	11.7	35.0

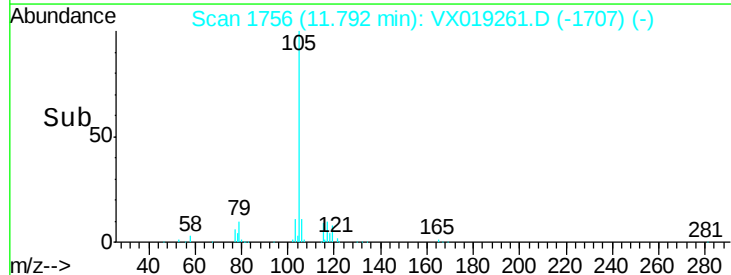
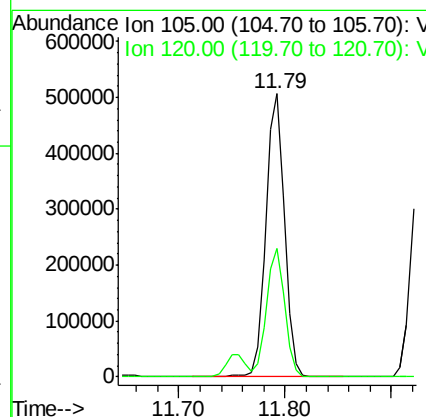
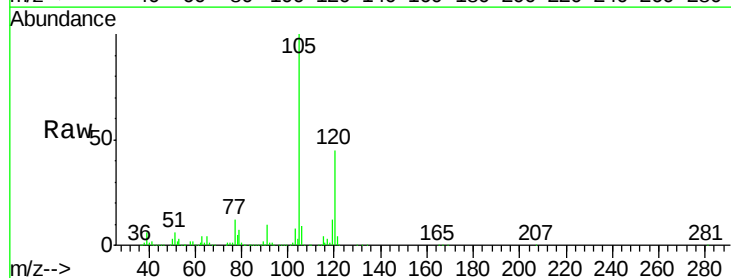
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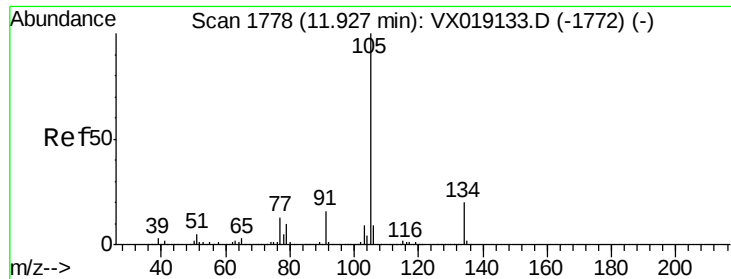
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#84
1,2,4-Trimethylbenzene
Concen: 50.196 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3





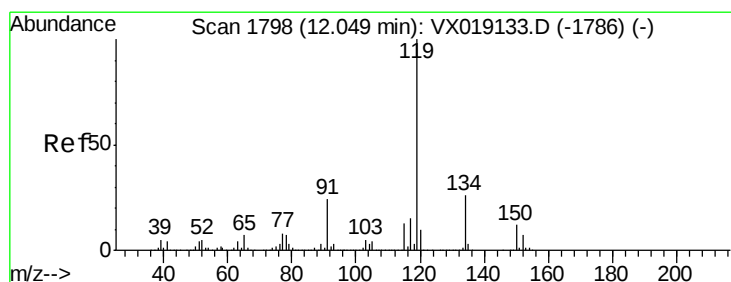
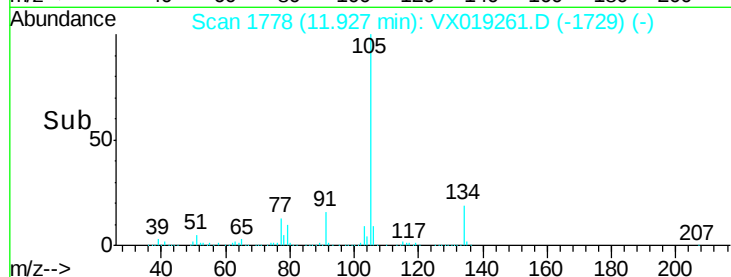
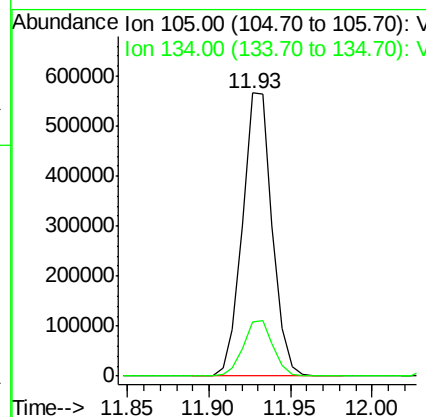
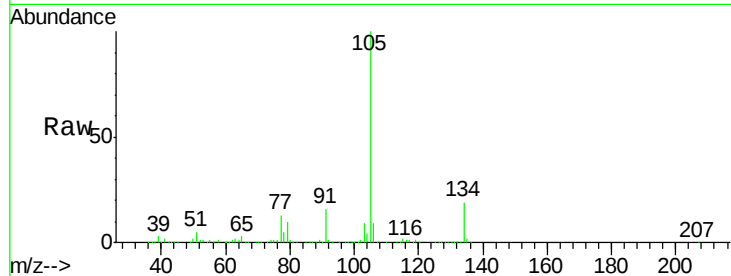
#85
 sec-Butylbenzene
 Concen: 50.869 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1

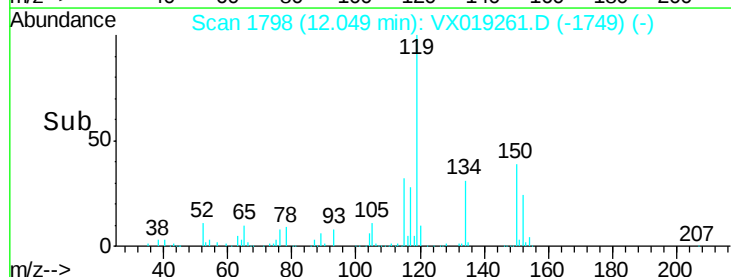
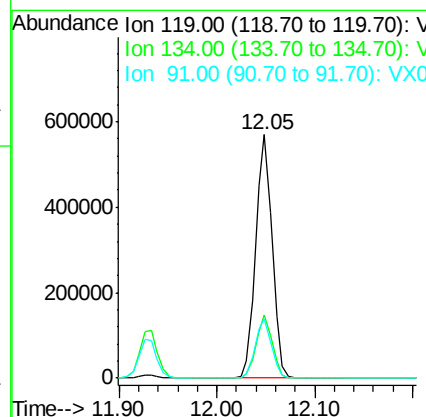
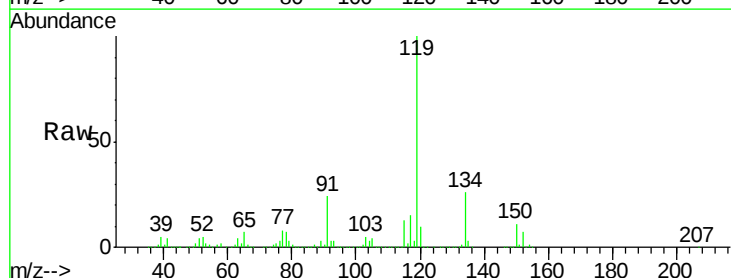
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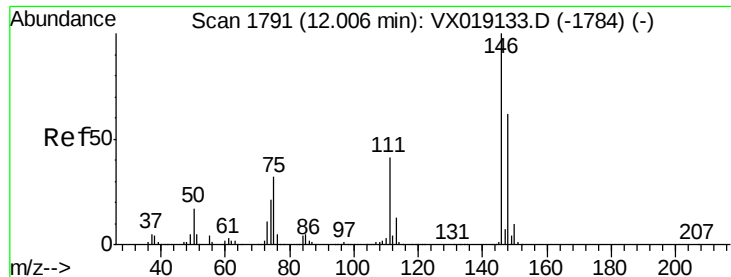
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 51.199 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.9	38.7
91	24.2	12.0	36.0





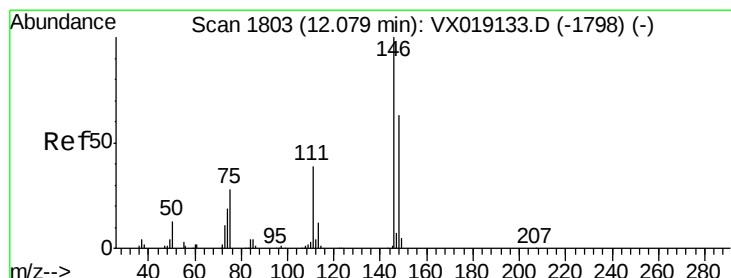
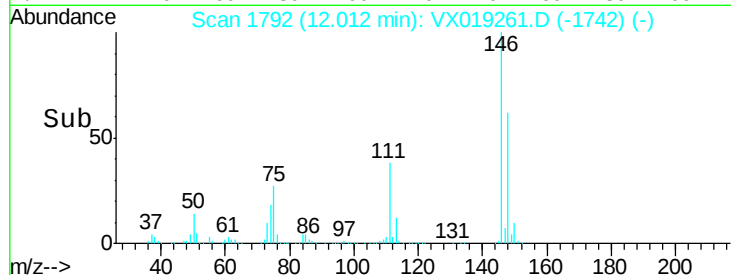
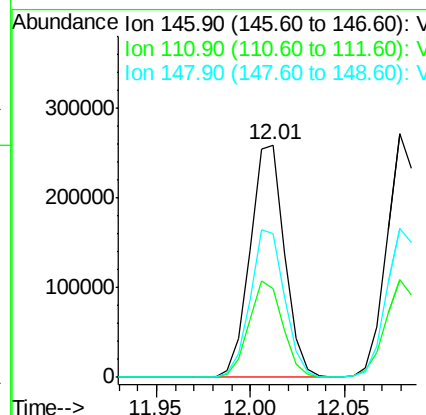
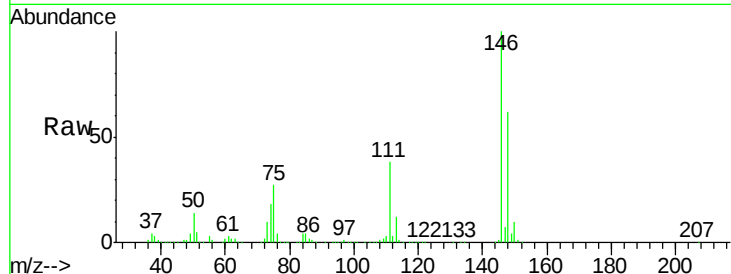
#87
 1,3-Dichlorobenzene
 Concen: 49.090 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	63.4	31.6	94.8

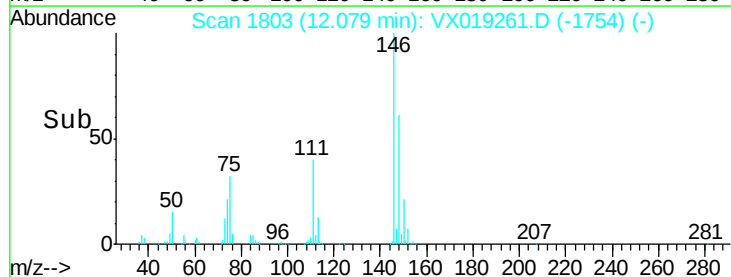
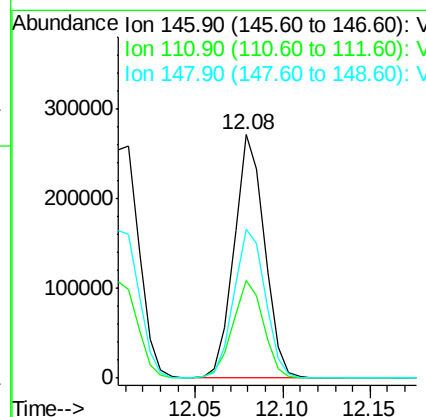
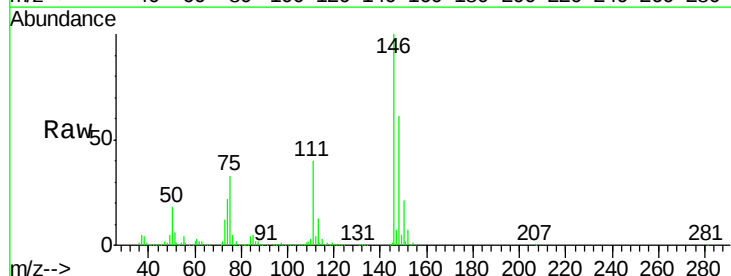
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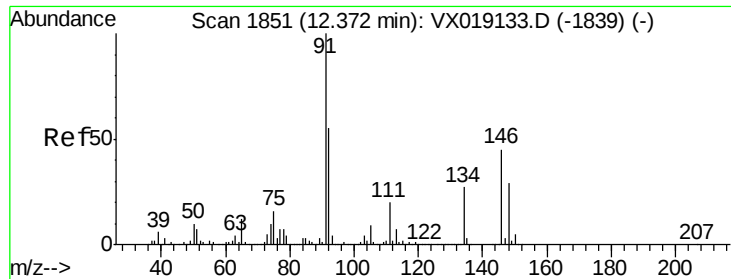
MMDadoda
 11/4/2020 11:58:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.897 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.2	60.5
148	63.3	31.3	93.8





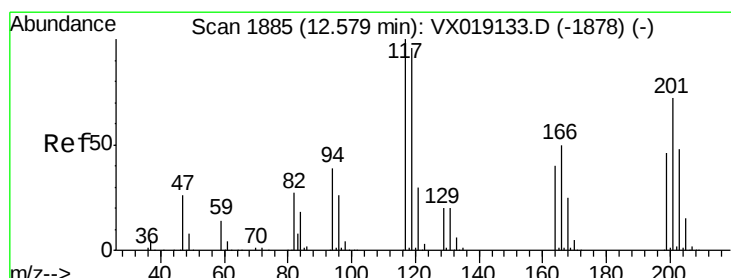
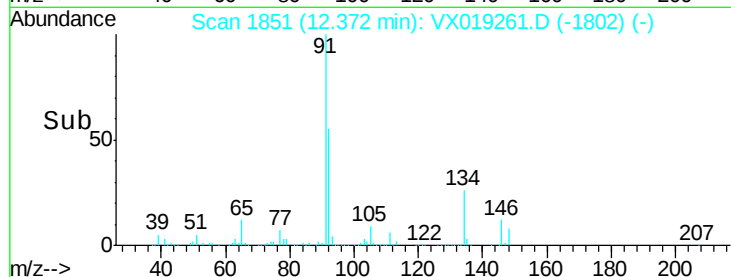
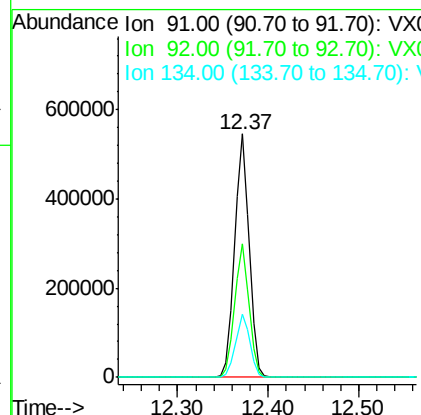
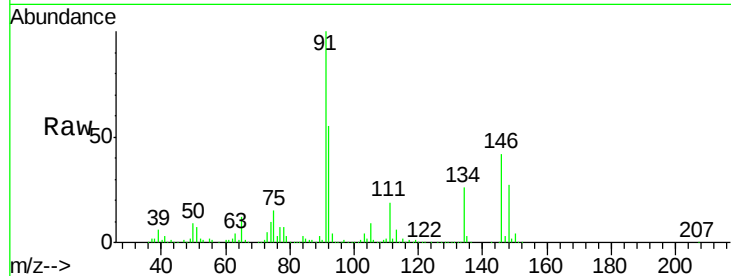
#89
n-Butylbenzene
Concen: 49.571 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	25.7	13.2	39.6

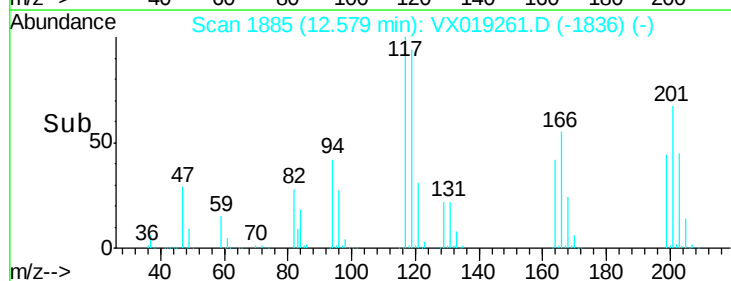
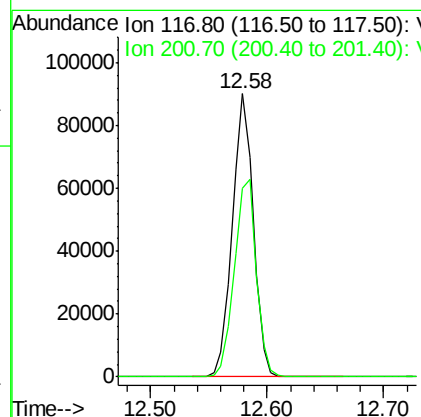
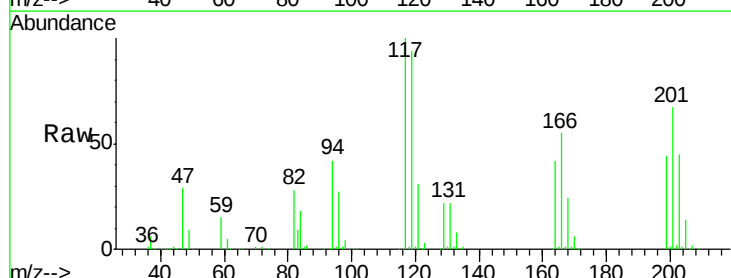
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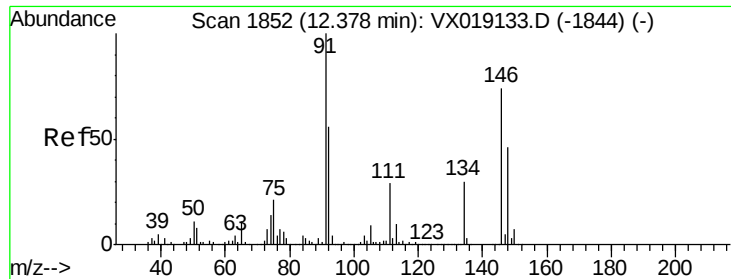
MMDadoda
11/4/2020 11:58:52 AM



#90
Hexachloroethane
Concen: 51.137 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	38.5	115.3





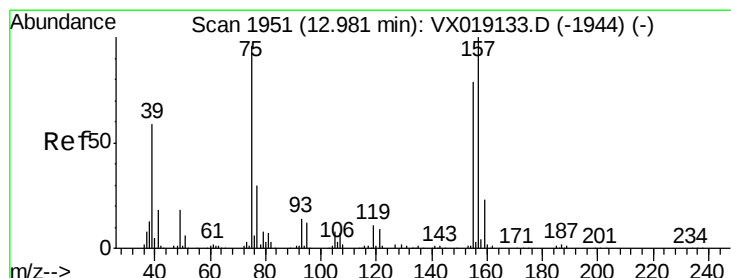
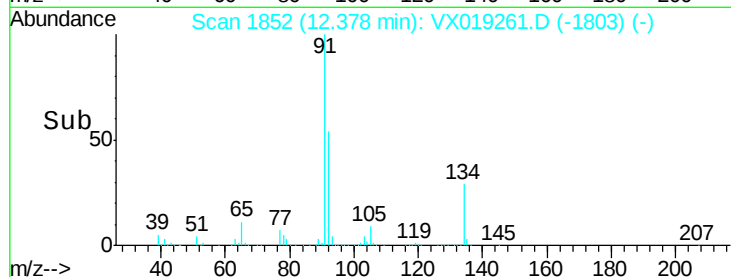
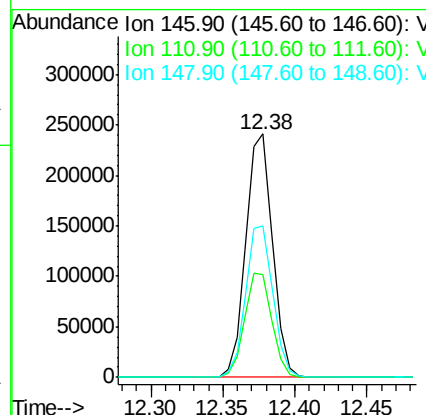
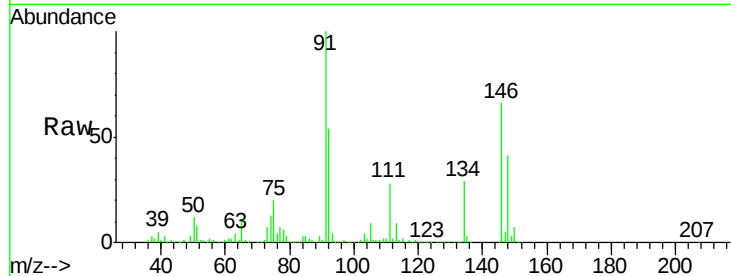
#91
 1,2-Dichlorobenzene
 Concen: 48.103 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.2	63.6
148	63.5	31.6	94.7

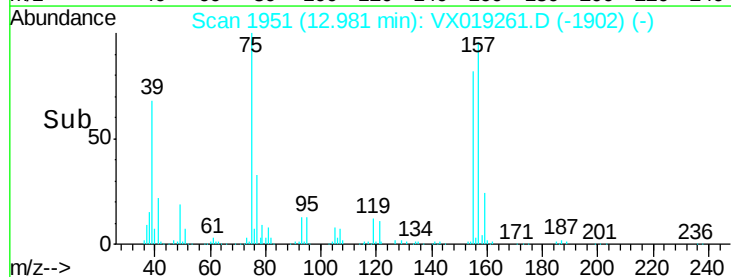
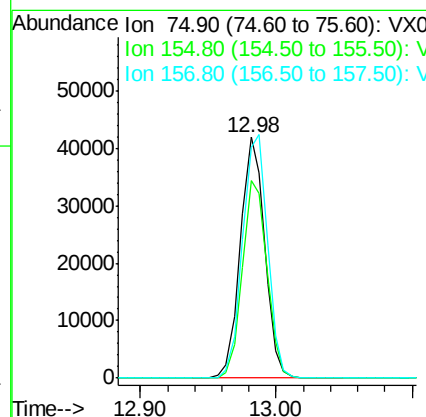
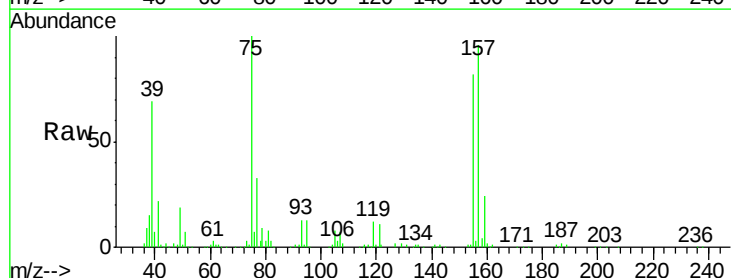
Manual Integrations
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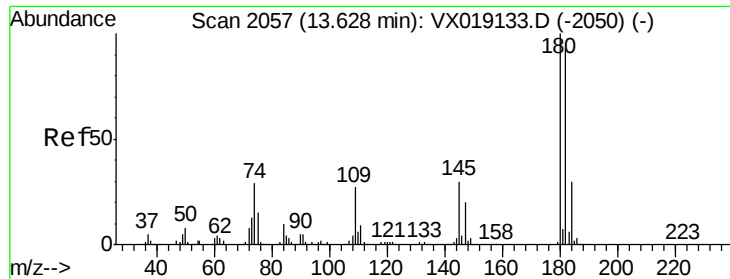
MMDadoda
 11/4/2020 11:58:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.978 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019261.D
 Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	42.8	128.4
157	103.7	54.8	164.4





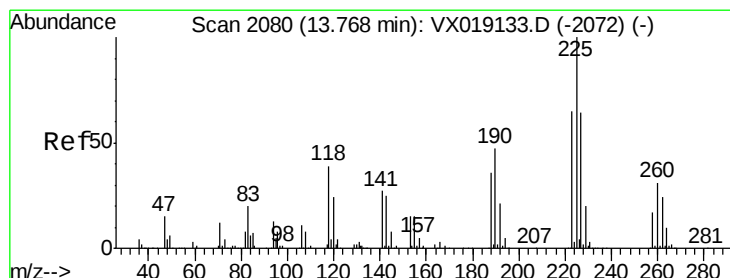
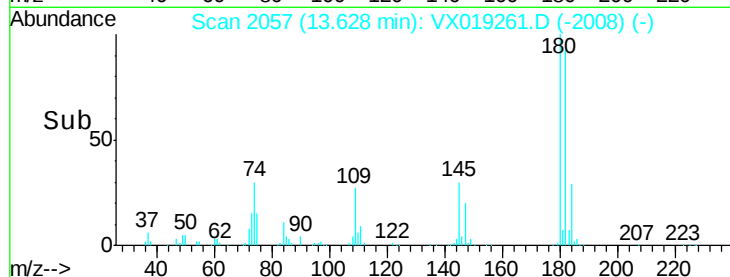
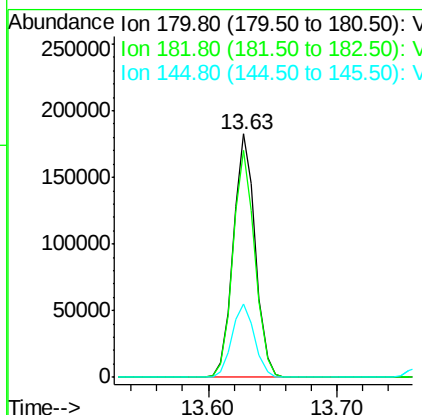
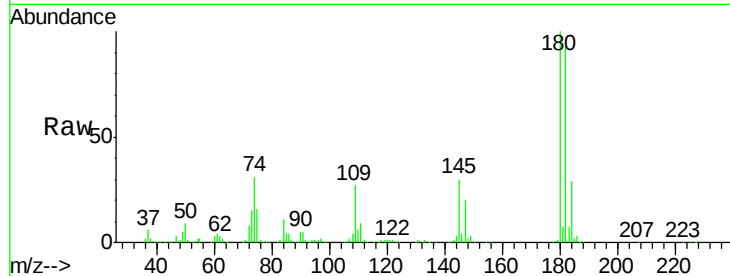
#93
1,2,4-Trichlorobenzene
Concen: 44.839 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.8	140.3
145	31.2	15.5	46.5

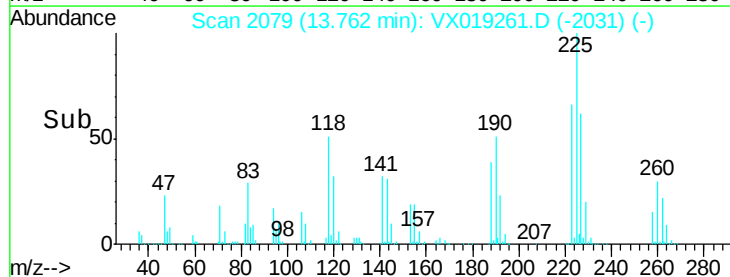
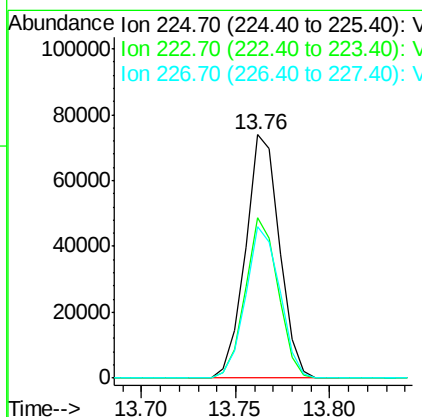
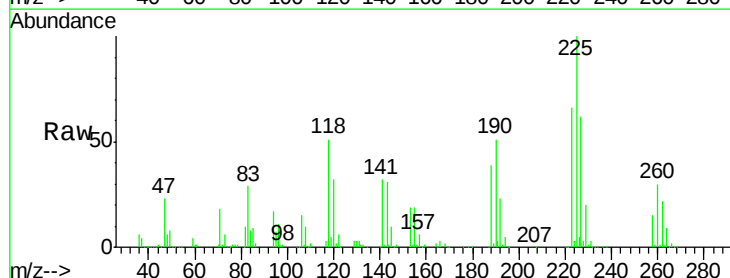
Manual Integrations
APPROVED

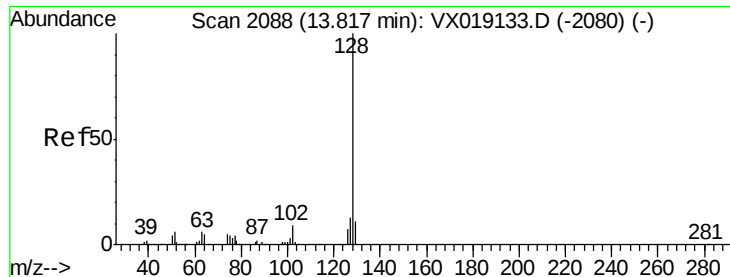
MMDadoda
11/4/2020 11:58:52 AM



#94
Hexachlorobutadiene
Concen: 43.426 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.4	97.2
227	62.7	31.6	94.7





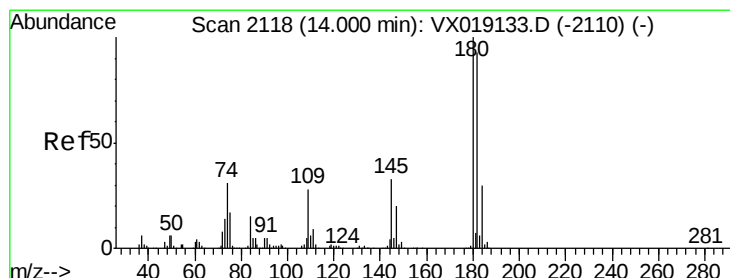
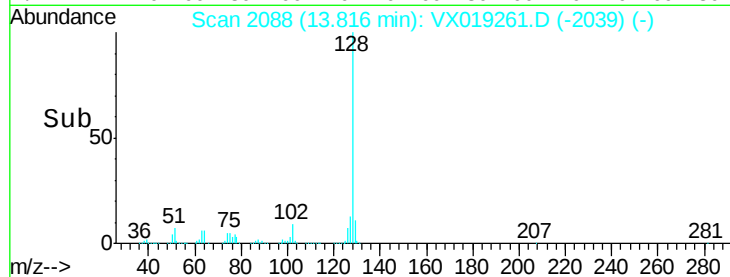
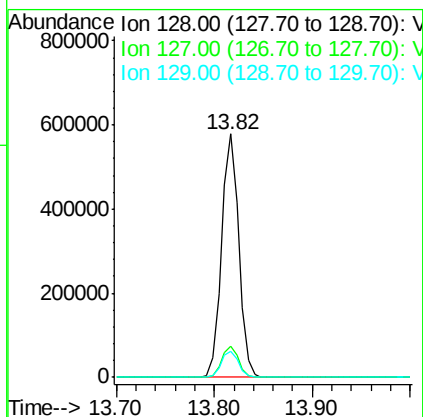
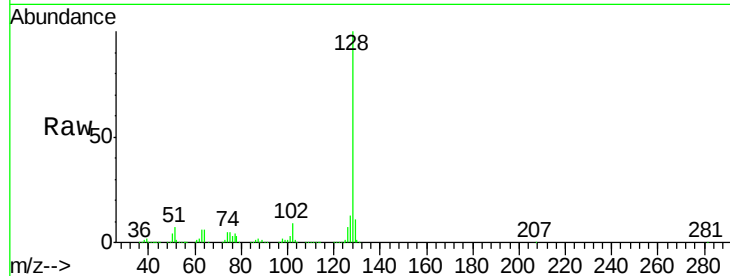
#95
Naphthalene
Concen: 46.011 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/4/2020 11:58:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.777 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019261.D
Acq: 04 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	33.8	16.5	49.5

