

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018852.D
 Acq On : 09 Oct 2020 12:25
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:23 PM

Quant Time: Oct 09 13:45:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	208968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	309168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	293112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	144073	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.47	113	105699	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	372939	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.12	95	151487	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	123875	60.460	ug/l	100
3) Chloromethane	1.32	50	95609	42.127	ug/l	100
4) Vinyl Chloride	1.40	62	107113	44.439	ug/l	100
5) Bromomethane	1.63	94	57867	40.491	ug/l	100
6) Chloroethane	1.71	64	68515	48.951	ug/l	100
7) Trichlorofluoromethane	1.92	101	210641	55.072	ug/l	100
8) Diethyl Ether	2.17	74	59215	45.544	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99170	49.407	ug/l	100
10) Methyl Iodide	2.50	142	104269	49.873	ug/l	100
11) Tert butyl alcohol	3.01	59	119232	234.520	ug/l	100
12) 1,1-Dichloroethene	2.36	96	94289	46.996	ug/l	100
13) Acrolein	2.28	56	94114	278.448	ug/l	100
14) Allyl chloride	2.71	41	168741	43.885	ug/l	100
15) Acrylonitrile	3.12	53	252691	212.682	ug/l	100
16) Acetone	2.42	43	298172	259.837	ug/l	100
17) Carbon Disulfide	2.55	76	273196	45.743	ug/l	100
18) Methyl Acetate	2.75	43	118835	43.448	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	324247	46.368	ug/l	100
20) Methylene Chloride	2.84	84	107341	43.501	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	107147	45.872	ug/l	100
22) Diisopropyl ether	3.82	45	304968	42.578	ug/l	100
23) Vinyl Acetate	3.79	43	1554675	240.927	ug/l	100
24) 1,1-Dichloroethane	3.67	63	194908	46.206	ug/l	100
25) 2-Butanone	4.63	43	413961	237.626	ug/l	100
26) 2,2-Dichloropropane	4.56	77	191947	48.644	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	118960	45.635	ug/l	100
28) Bromochloromethane	4.98	49	86809	44.472	ug/l	100
29) Tetrahydrofuran	5.09	42	221955	207.689	ug/l	100
30) Chloroform	5.18	83	217166	50.105	ug/l	100
31) Cyclohexane	5.56	56	142748	41.498	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	207274	50.865	ug/l	100
36) 1,1-Dichloropropene	5.77	75	153507	50.924	ug/l	100
37) Ethyl Acetate	4.79	43	159101	49.830	ug/l	100
38) Carbon Tetrachloride	5.75	117	198774	58.140	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	147684	44.748	ug/l	100
40) Benzene	6.12	78	421526	49.075	ug/l	100
41) Methacrylonitrile	5.00	41	87024	48.967	ug/l	100
42) 1,2-Dichloroethane	6.17	62	190365	55.531	ug/l	100
43) Isopropyl Acetate	6.42	43	256739	48.645	ug/l	100
44) Trichloroethene	7.19	130	123981	49.713	ug/l	100
45) 1,2-Dichloropropane	7.49	63	110033	46.877	ug/l	100
46) Dibromomethane	7.64	93	81691	50.242	ug/l	100
47) Bromodichloromethane	7.88	83	178777	53.834	ug/l	100
48) Methyl methacrylate	7.74	41	132743	51.305	ug/l	100
49) 1,4-Dioxane	7.71	88	35492	849.373	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	804524	254.870	ug/l	100
52) Toluene	8.77	92	278416	51.098	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	192432	51.427	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	192965	50.448	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	115489	51.162	ug/l	100
56) Ethyl methacrylate	9.16	69	167344	50.567	ug/l	100
57) 1,3-Dichloropropane	9.35	76	193405	50.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	451248	255.150	ug/l	100
59) 2-Hexanone	9.48	43	618071	257.472	ug/l	100
60) Dibromochloromethane	9.57	129	145369	53.561	ug/l	100
61) 1,2-Dibromoethane	9.65	107	126700	52.643	ug/l	100
64) Tetrachloroethene	9.32	164	108775	47.323	ug/l	100
65) Chlorobenzene	10.12	112	310503	51.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	125773	51.590	ug/l	100
67) Ethyl Benzene	10.24	91	556934	52.922	ug/l	100
68) m/p-Xylenes	10.34	106	422921	105.976	ug/l	100
69) o-Xylene	10.68	106	198985	52.825	ug/l	100
70) Styrene	10.69	104	350765	54.031	ug/l	100
71) Bromoform	10.84	173	112067	54.428	ug/l	# 100
73) Isopropylbenzene	11.00	105	567671	51.148	ug/l	100
74) N-amyl acetate	10.88	43	233100	47.512	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	172387	47.370	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	171107m	49.244	ug/l	
77) Bromobenzene	11.24	156	150226	49.097	ug/l	100
78) n-propylbenzene	11.34	91	643550	49.843	ug/l	100
79) 2-Chlorotoluene	11.40	91	391686	49.969	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	493034	51.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	62764	47.010	ug/l	100
82) 4-Chlorotoluene	11.49	91	470865	50.431	ug/l	100
83) tert-Butylbenzene	11.76	119	482113	52.191	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	494764	51.837	ug/l	100
85) sec-Butylbenzene	11.93	105	550098	50.727	ug/l	100
86) p-Isopropyltoluene	12.05	119	533366	53.233	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	271199	49.302	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	266166	47.923	ug/l	100
89) n-Butylbenzene	12.37	91	450993	49.167	ug/l	100
90) Hexachloroethane	12.58	117	90670	46.126	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	258513	50.067	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45483	51.120	ug/l	100

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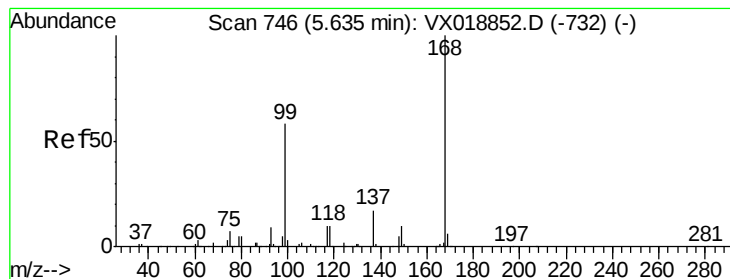
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	165950	46.614	ug/l	100
94) Hexachlorobutadiene	13.77	225	70753	47.293	ug/l	100
95) Naphthalene	13.82	128	545080	50.739	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	167260	49.042	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 208968

Ion Ratio Lower Upper

168 100

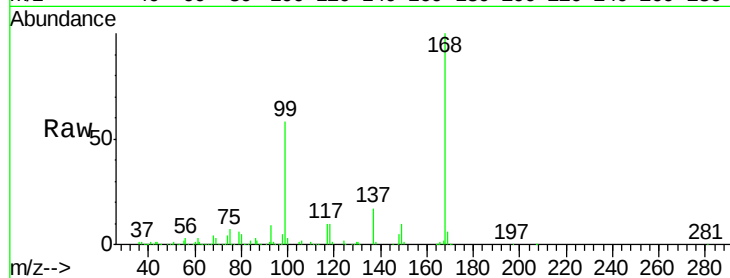
99 57.6 46.1 69.1

Manual Integrations

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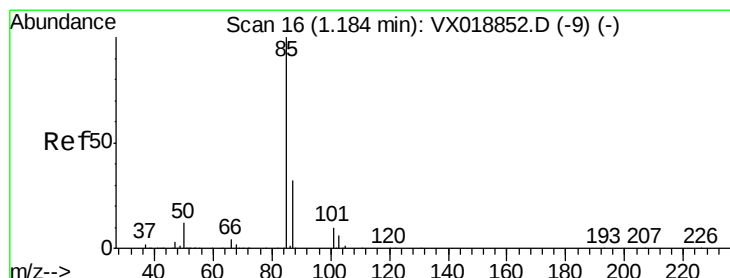
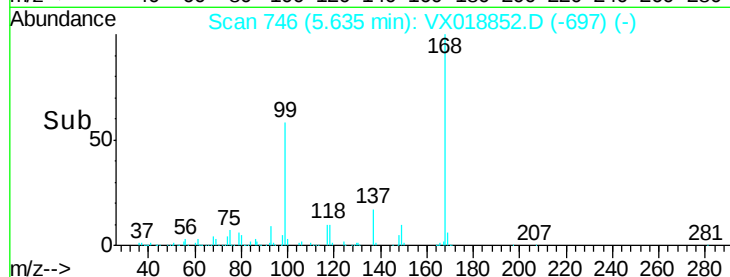
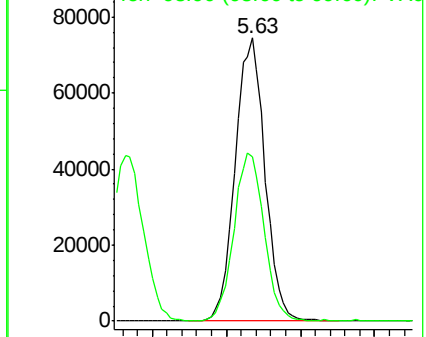
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 60.460 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018852.D

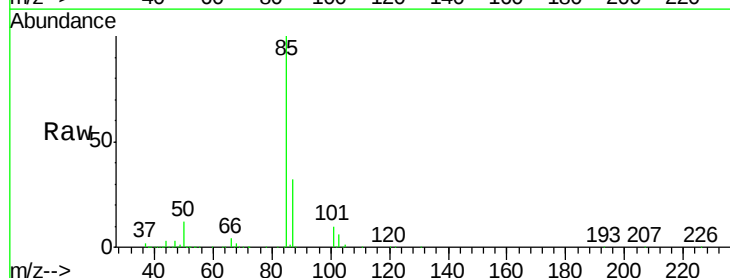
Acq: 09 Oct 2020 12:25

Tgt Ion: 85 Resp: 123875

Ion Ratio Lower Upper

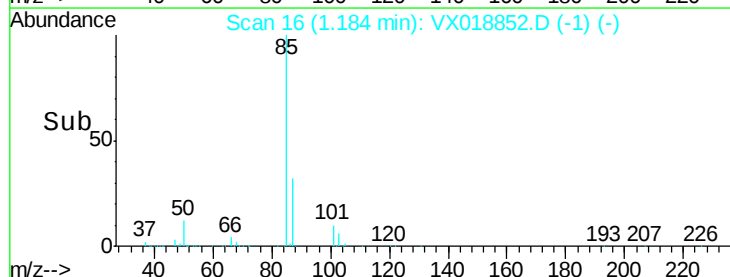
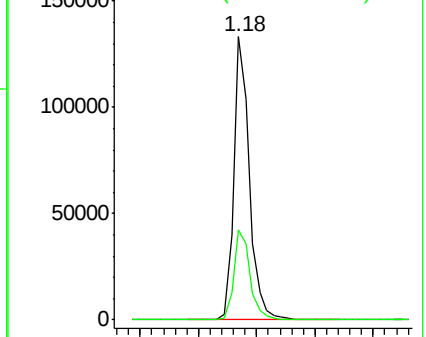
85 100

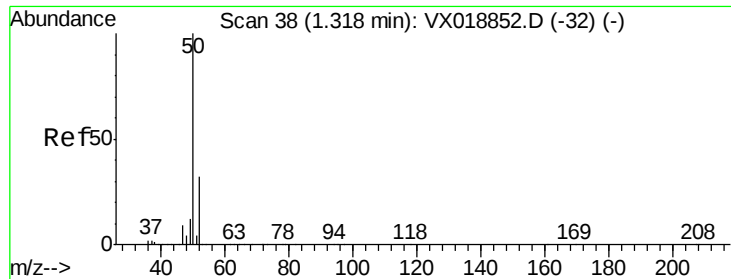
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.127 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 95609

Ion Ratio Lower Upper

50 100

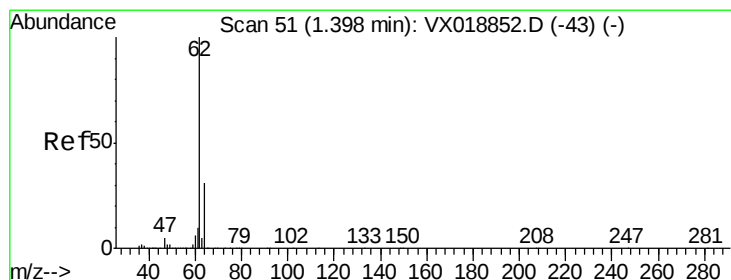
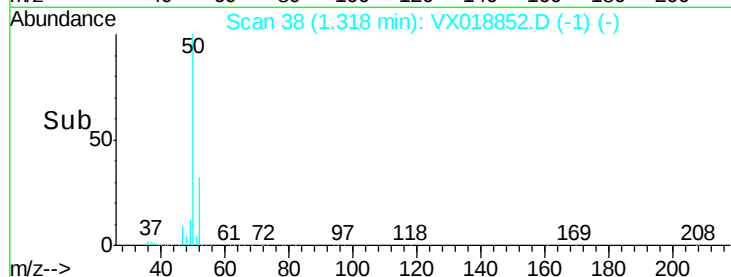
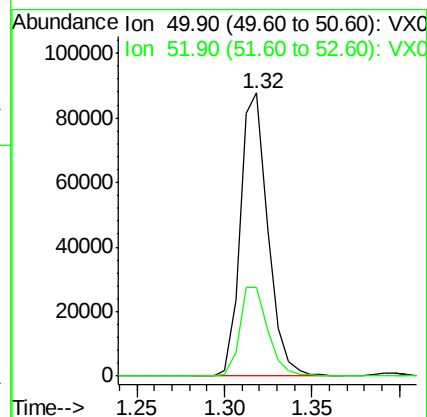
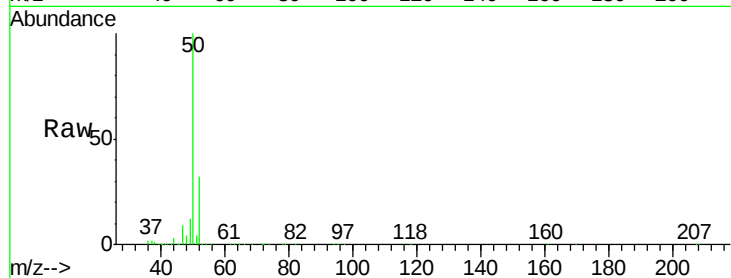
52 31.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.439 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.00 min

Lab File: VX018852.D

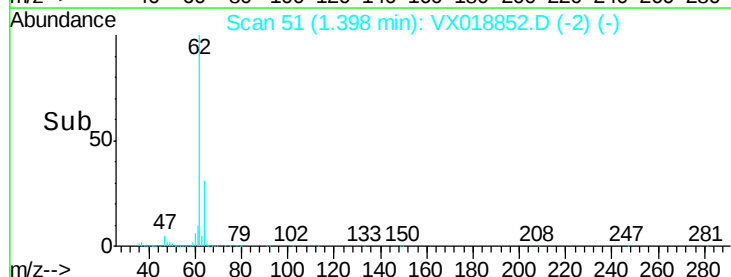
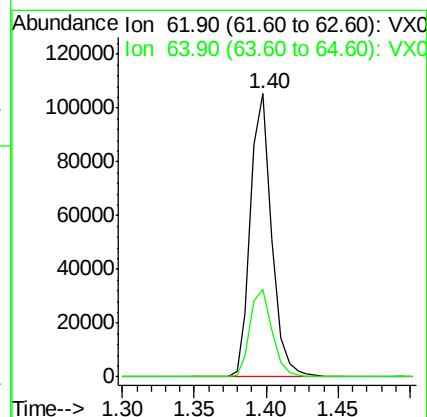
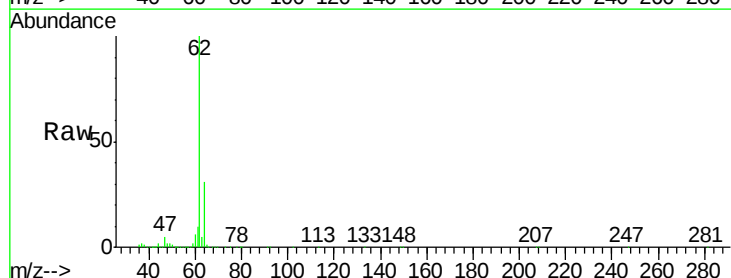
Acq: 09 Oct 2020 12:25

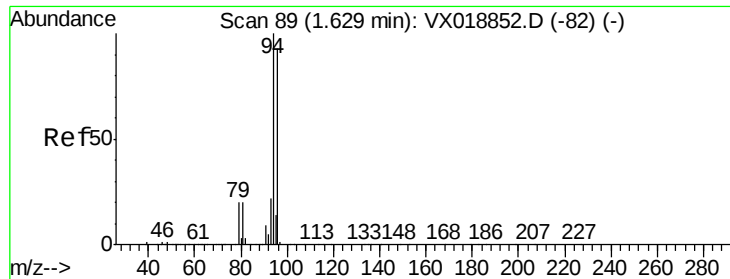
Tgt Ion: 62 Resp: 107113

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 40.491 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 57867

Ion Ratio Lower Upper

94 100

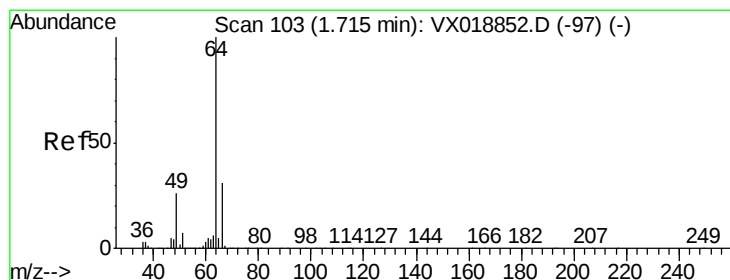
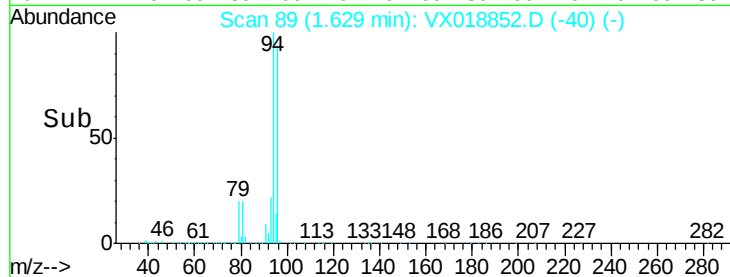
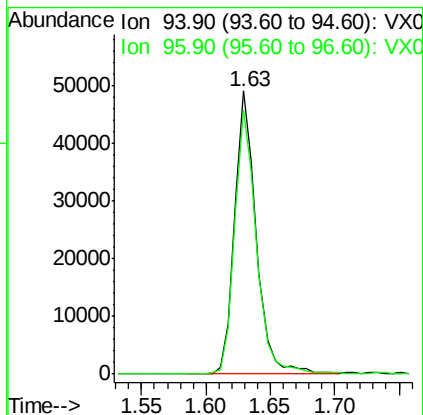
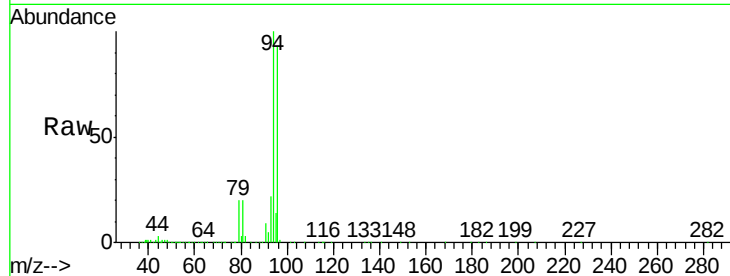
96 93.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 48.951 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018852.D

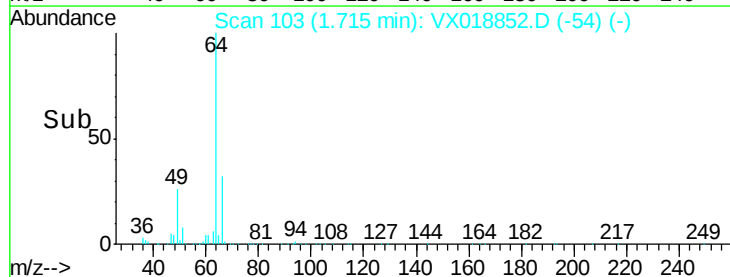
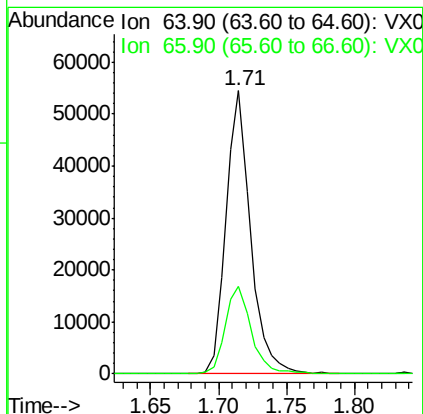
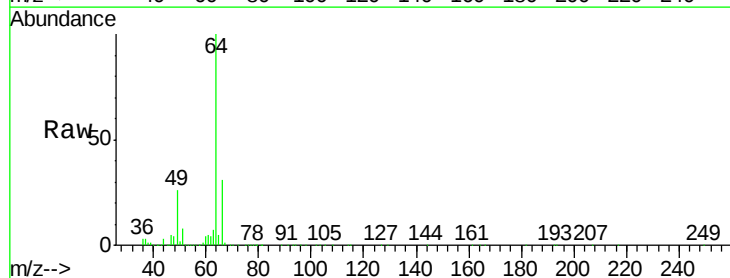
Acq: 09 Oct 2020 12:25

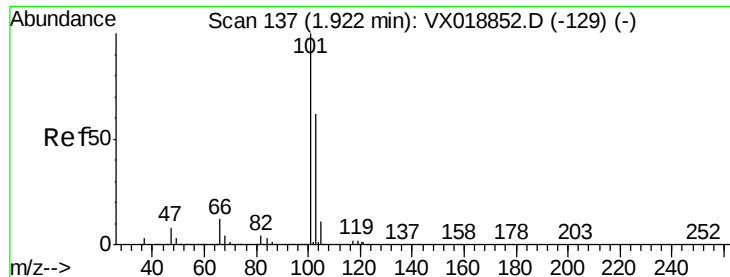
Tgt Ion: 64 Resp: 68515

Ion Ratio Lower Upper

64 100

66 30.9 24.7 37.1





#7

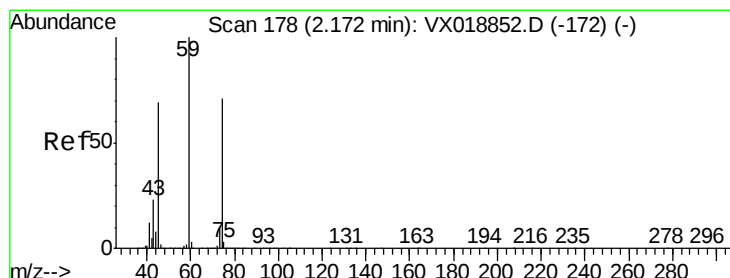
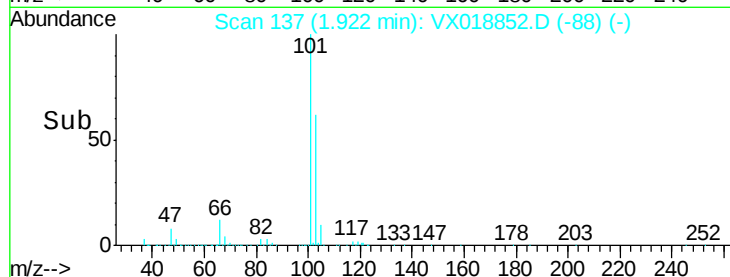
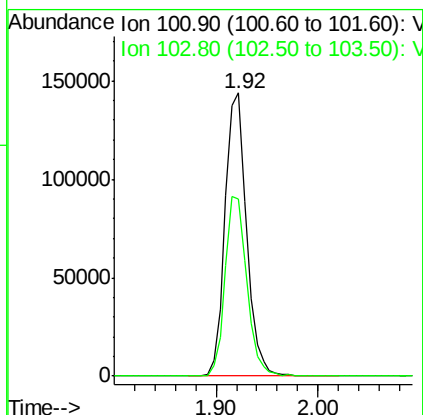
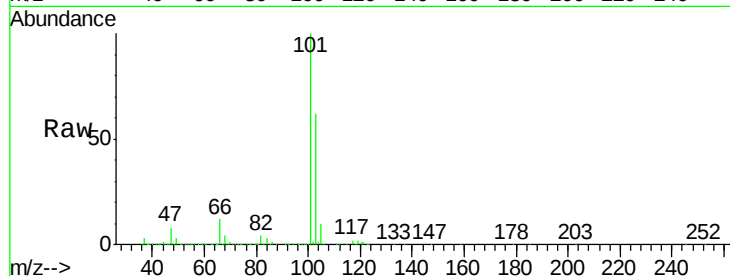
Trichlorofluoromethane
Concen: 55.072 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

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VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.0	75.0

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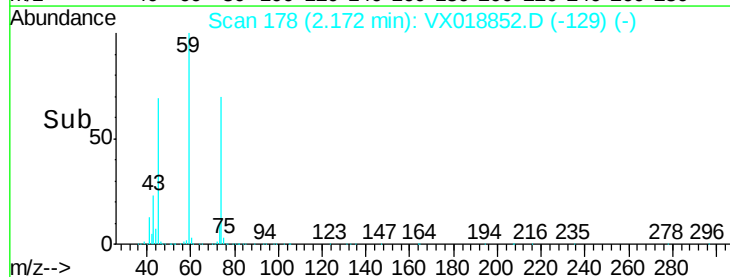
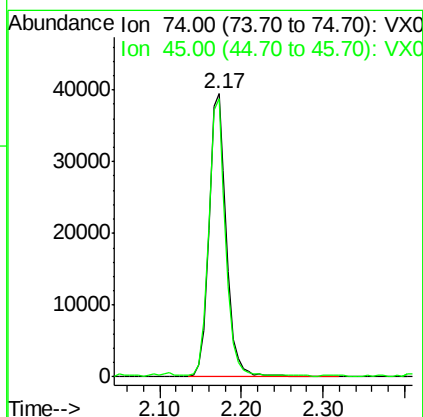
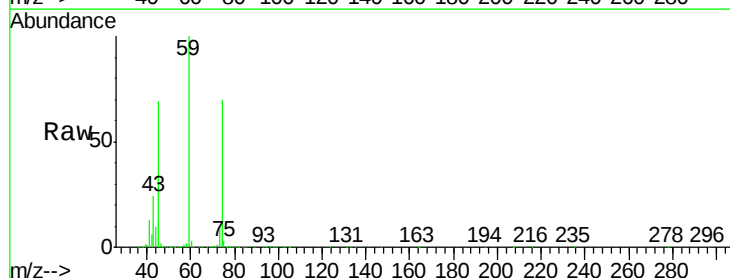
MMDadoda
10/12/2020 2:23:23 PM

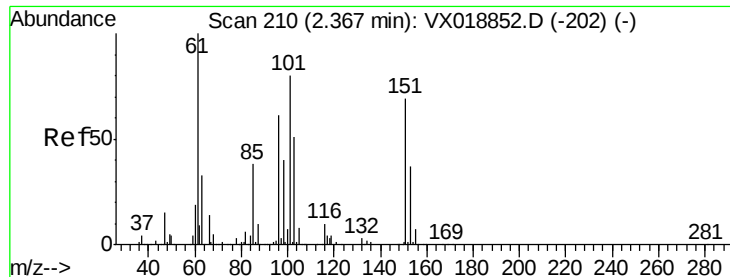


#8

Diethyl Ether
Concen: 45.544 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.407 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

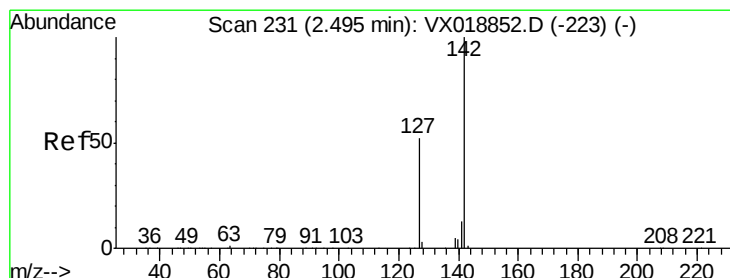
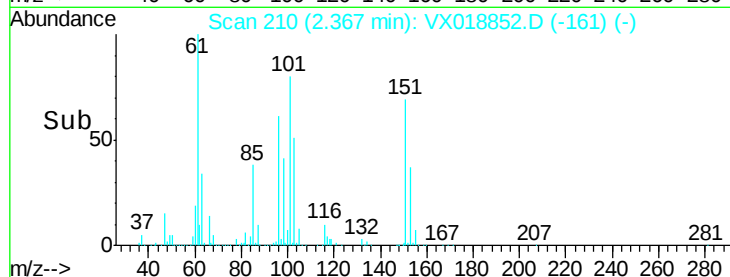
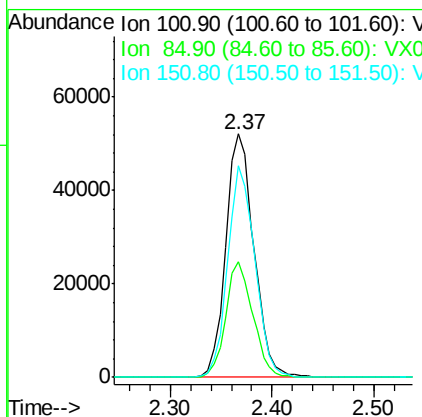
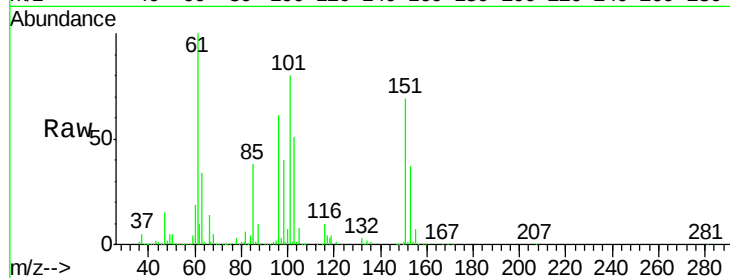
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	99170
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	55.0
151	84.0	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 49.873 ug/l

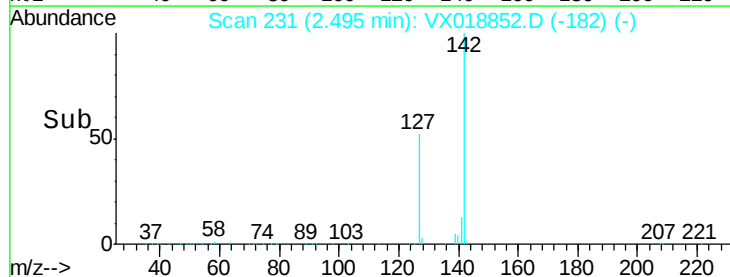
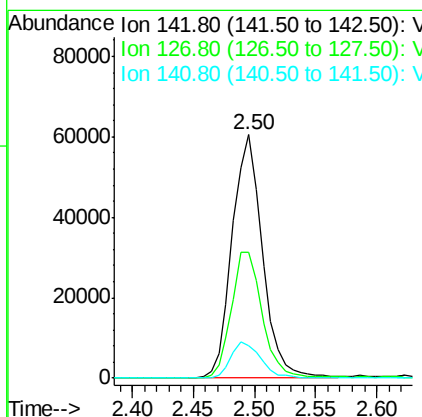
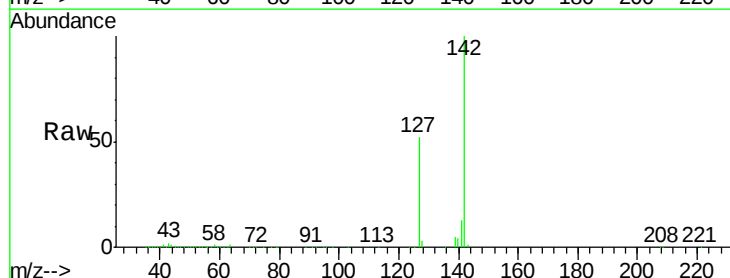
RT: 2.50 min Scan# 231

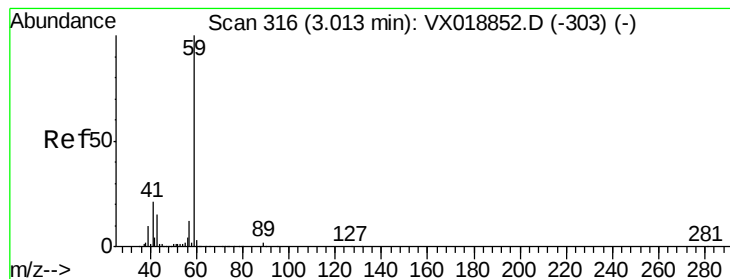
Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion:	142	Resp:	104269
Ion Ratio	Lower	Upper	
142	100		
127	52.5	42.0	63.0
141	14.7	11.8	17.6





#11

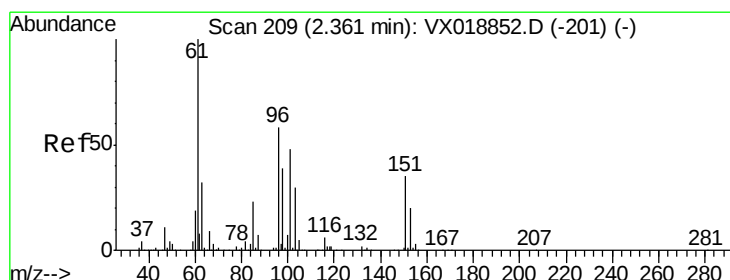
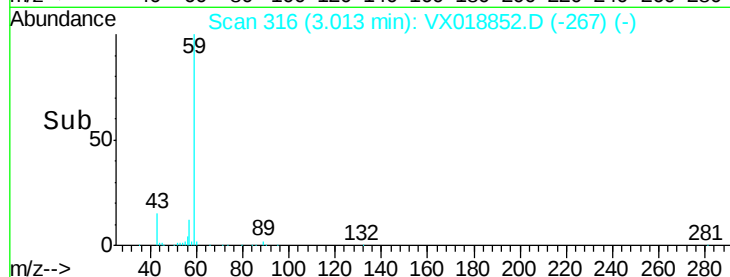
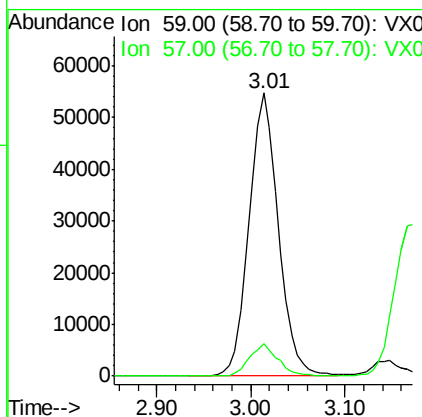
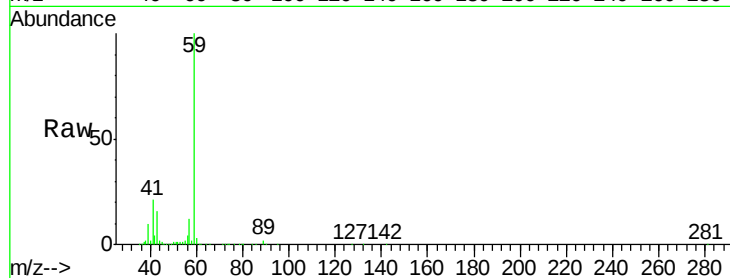
Tert butyl alcohol
Concen: 234.520 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	119232		
57	11.3		9.0	13.6

Manual Integrations
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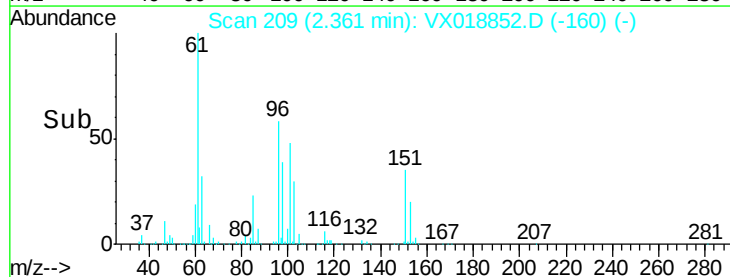
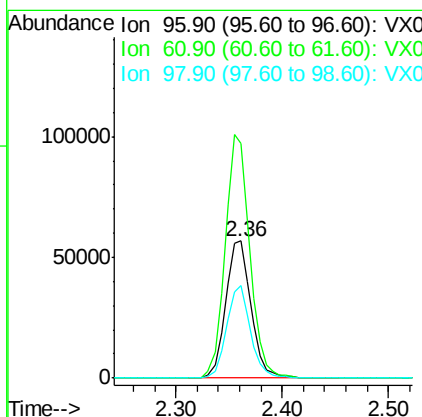
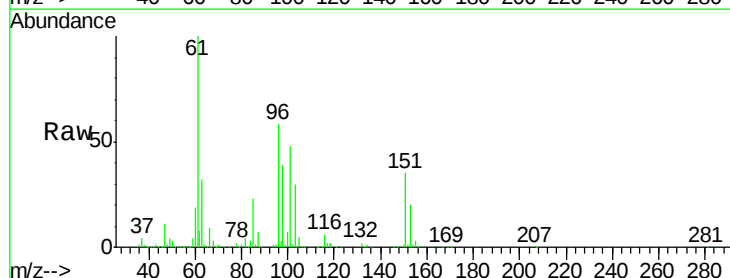
MMDadoda
10/12/2020 2:23:23 PM

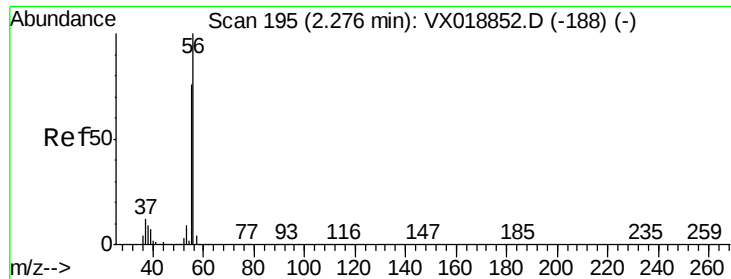


#12

1,1-Dichloroethene
Concen: 46.996 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	94289		
61	171.3		137.0	205.6
98	67.4		53.9	80.9





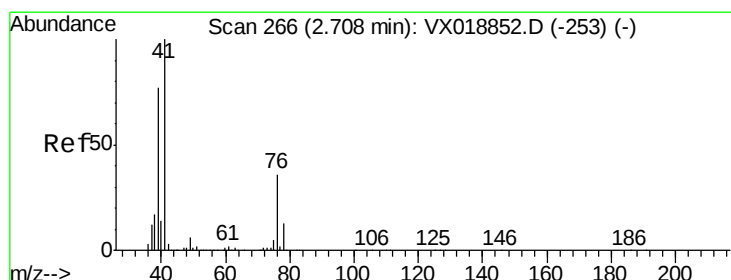
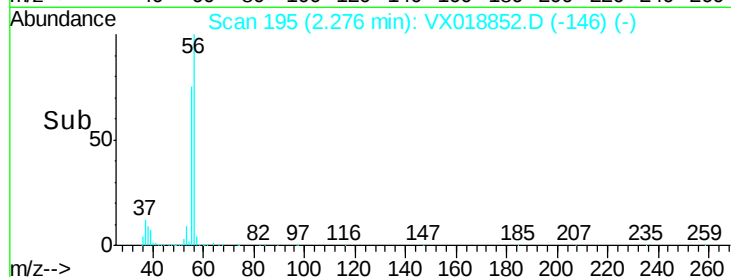
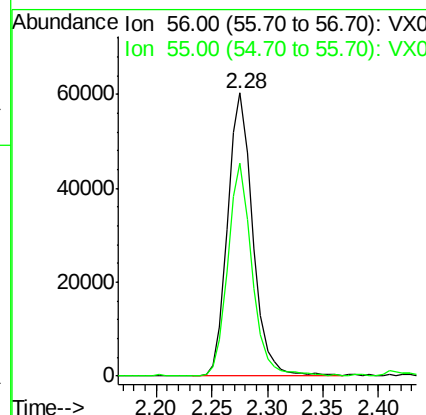
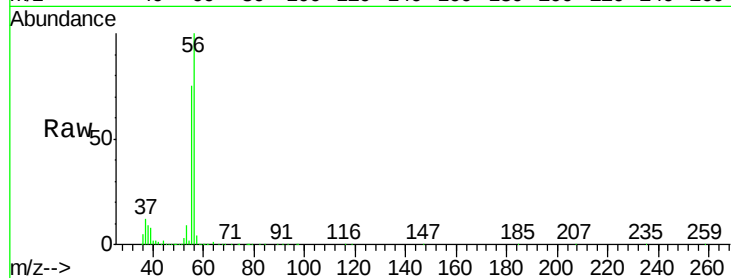
#13
Acrolein
Concen: 278.448 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	94114
Ion Ratio	100	Lower	Upper
55	73.2	58.6	87.8

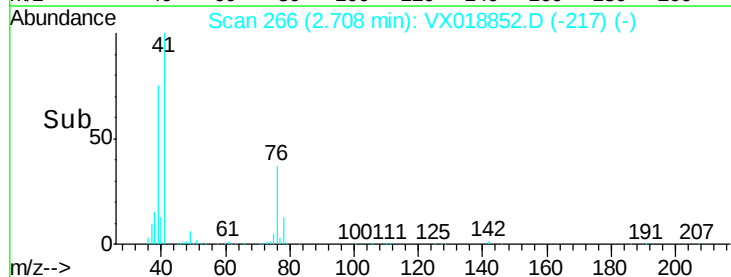
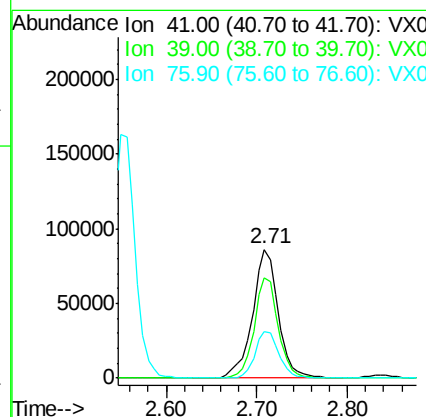
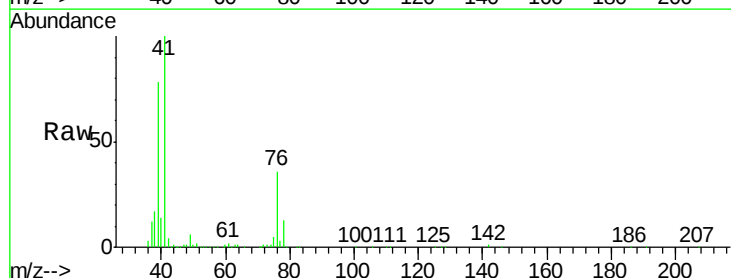
Manual Integrations
APPROVED

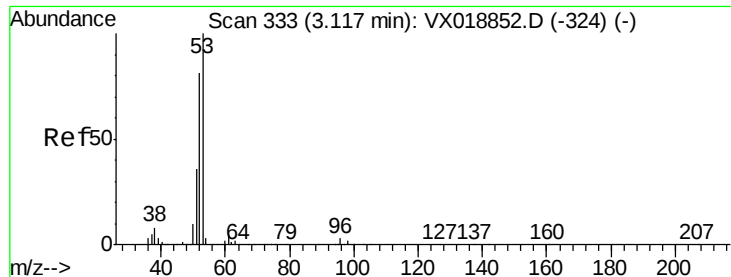
MMDadoda
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#14
Allyl chloride
Concen: 43.885 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	41	Resp	168741
Ion Ratio	100	Lower	Upper
39	72.3	57.8	86.8
76	33.5	26.8	40.2





#15

Acrylonitrile

Concen: 212.682 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

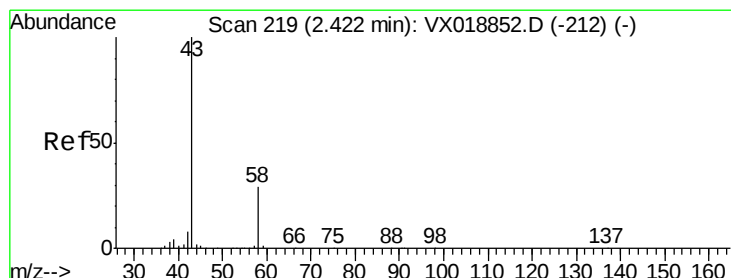
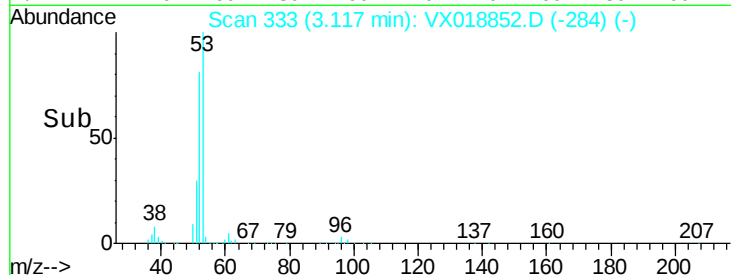
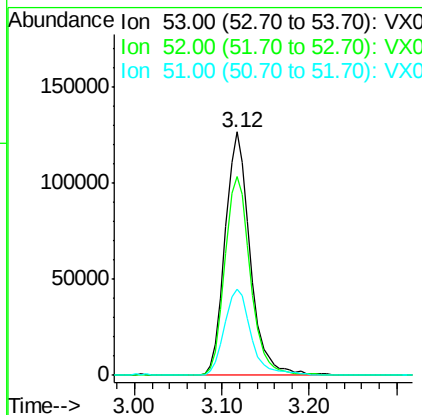
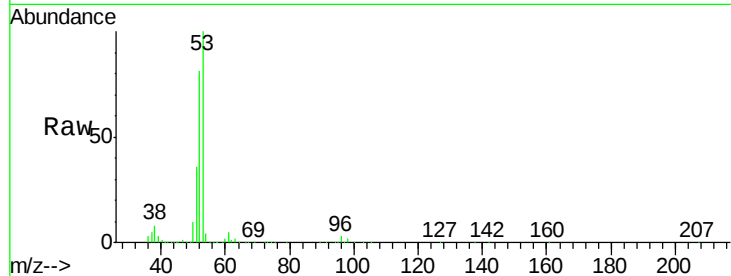
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	252691
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	37.9	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 259.837 ug/l

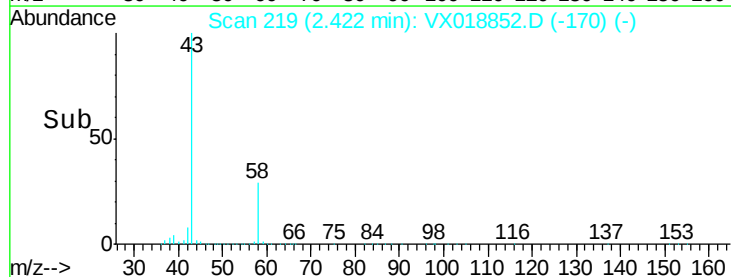
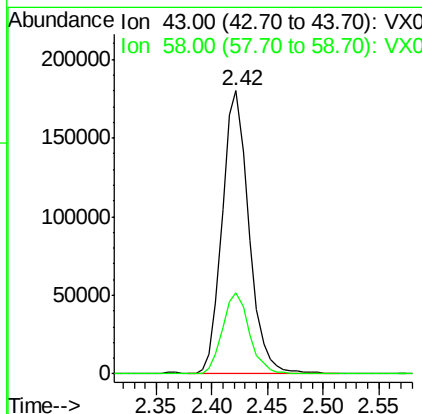
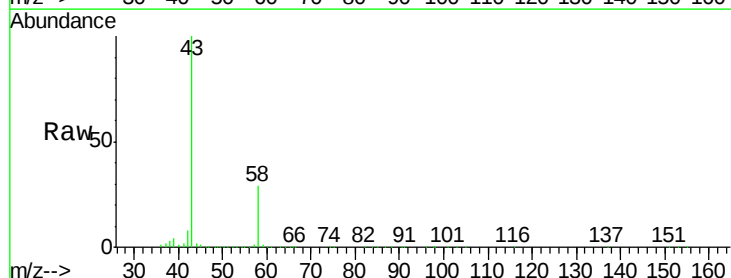
RT: 2.42 min Scan# 219

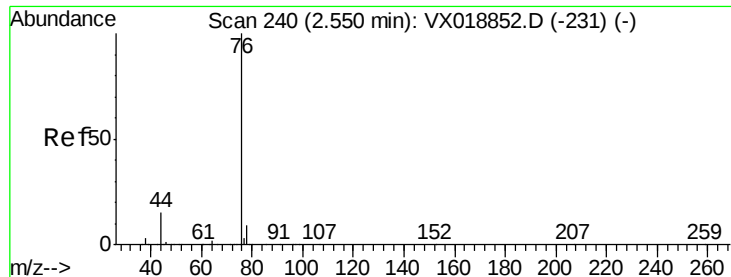
Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion:	43	Resp:	298172
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.0	34.4





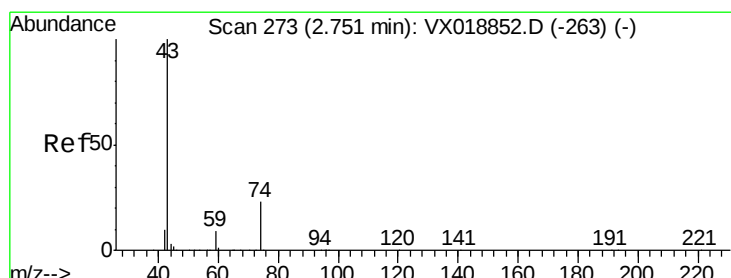
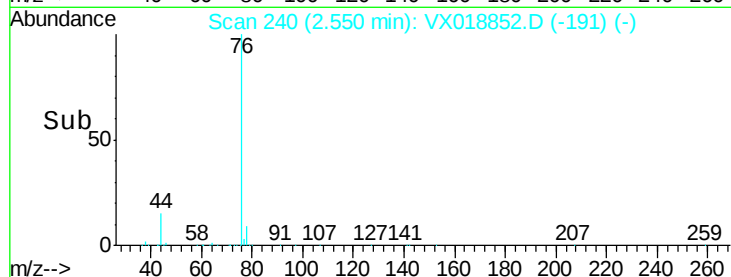
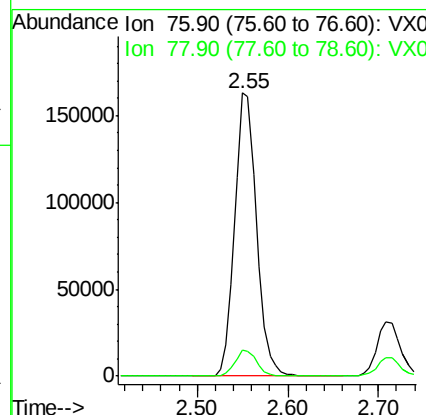
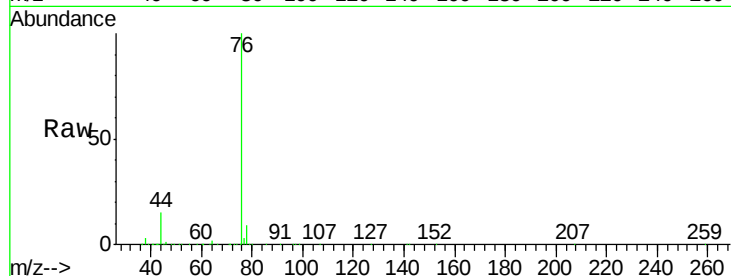
#17
Carbon Disulfide
Concen: 45.743 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

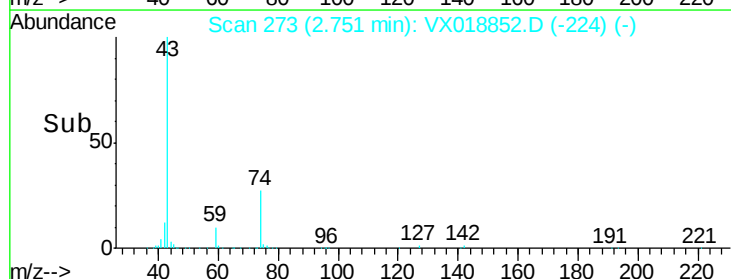
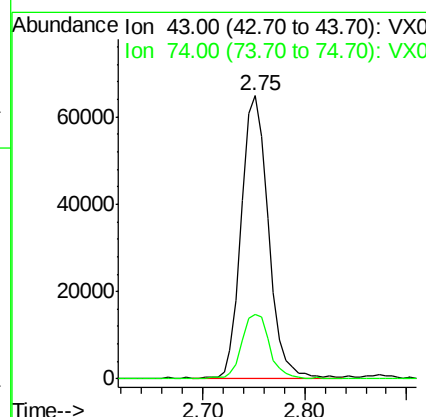
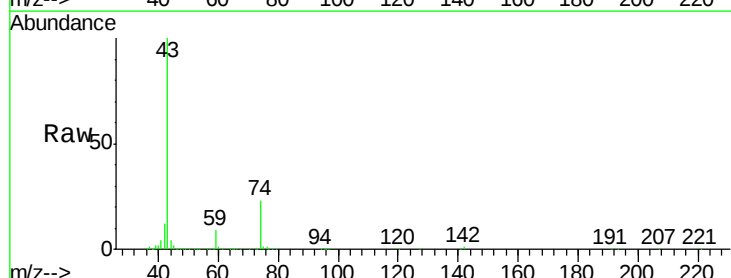
Manual Integrations
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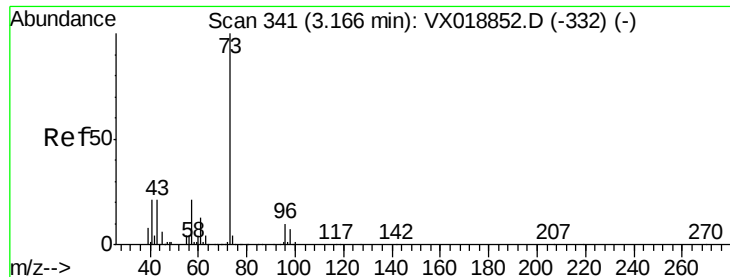
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#18
Methyl Acetate
Concen: 43.448 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.9	28.3





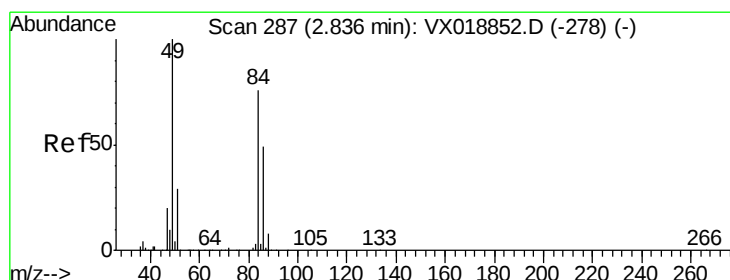
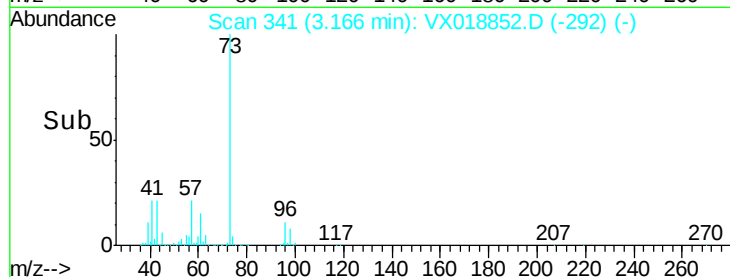
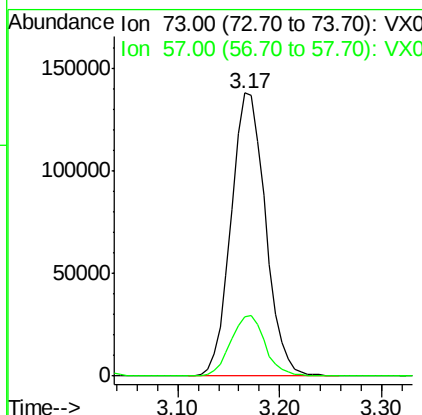
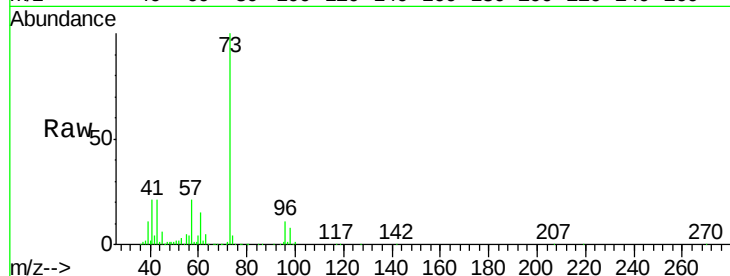
#19
Methvl tert-butvl Ether
Concen: 46.368 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 324247
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1

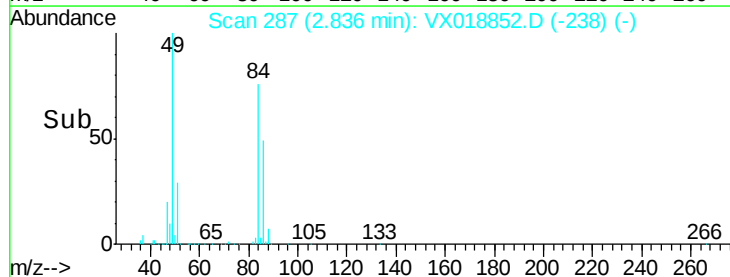
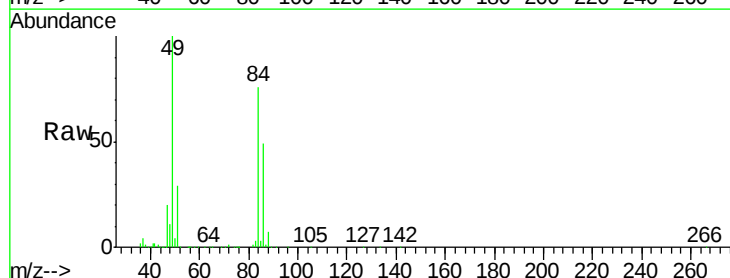
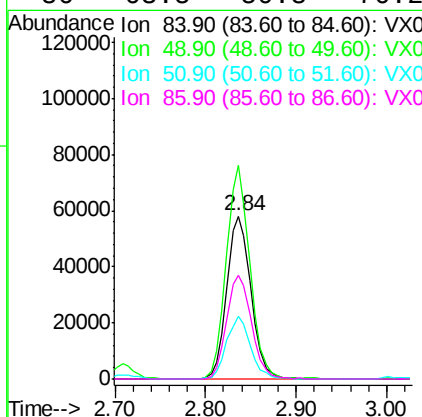
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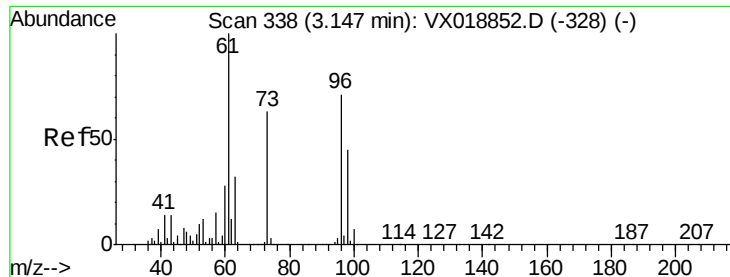
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#20
Methylene Chloride
Concen: 43.501 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 84 Resp: 107341
Ion Ratio Lower Upper
84 100
49 131.0 104.8 157.2
51 38.3 30.6 46.0
86 63.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 45.872 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

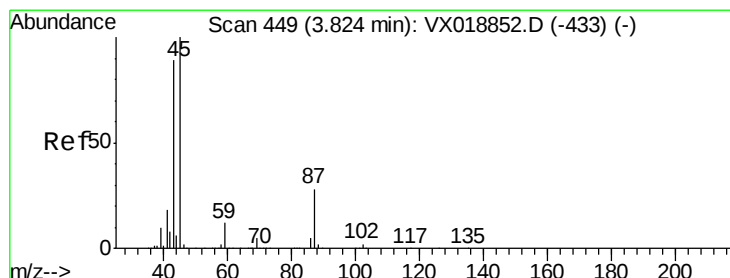
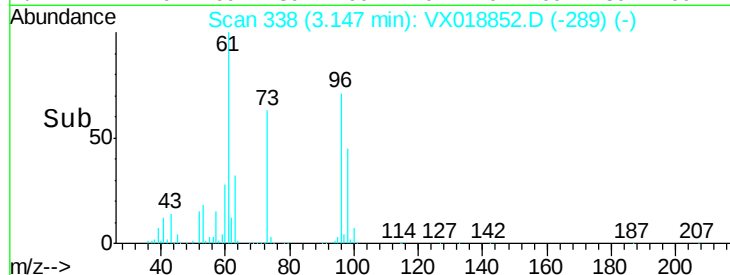
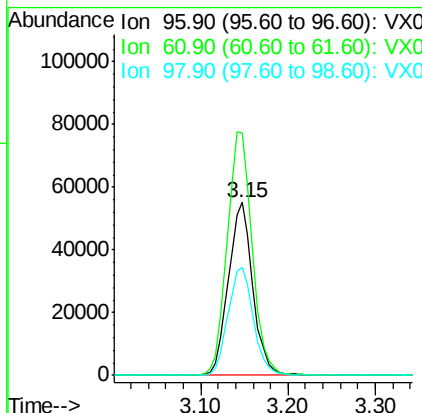
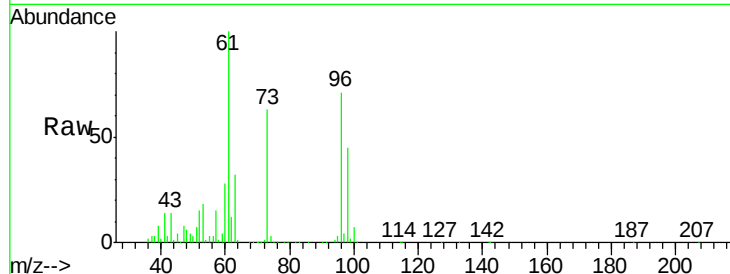
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	107147
Ion	Ratio	Lower	Upper
96	100		
61	140.0	112.0	168.0
98	62.7	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 42.578 ug/l

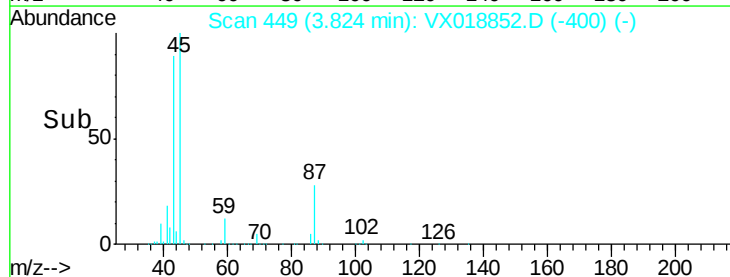
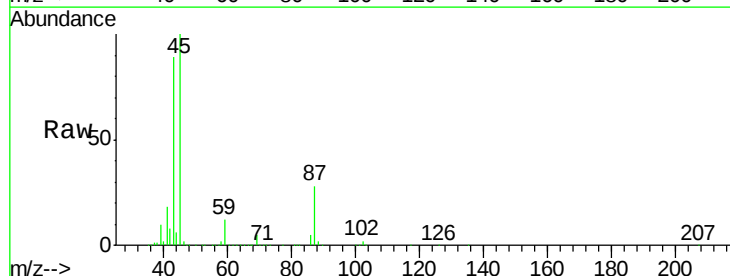
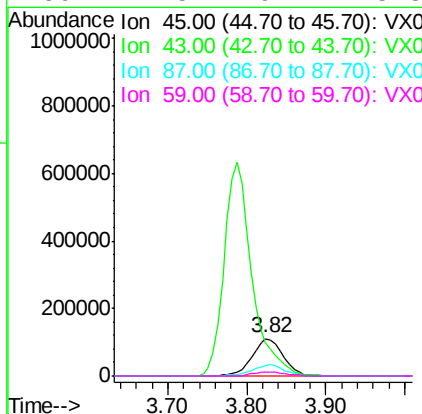
RT: 3.82 min Scan# 449

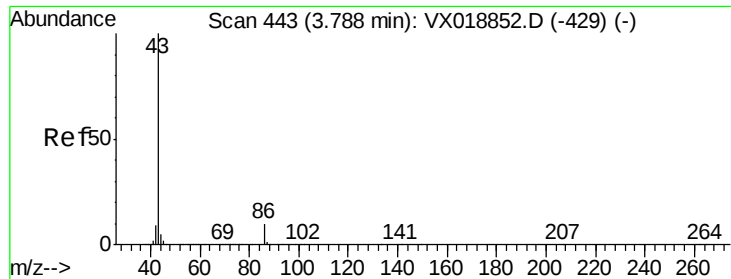
Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion:	45	Resp:	304968
Ion	Ratio	Lower	Upper
45	100		
43	89.0	71.2	106.8
87	28.1	22.5	33.7
59	11.5	9.2	13.8





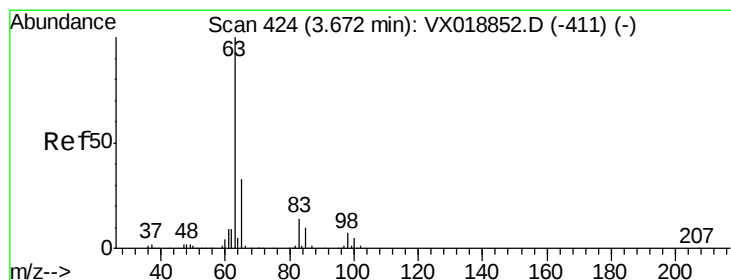
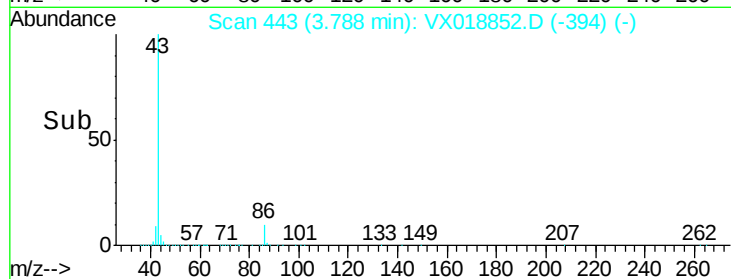
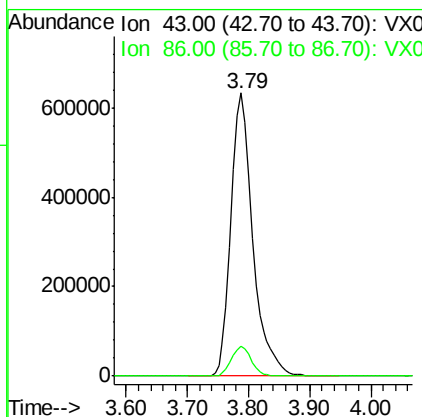
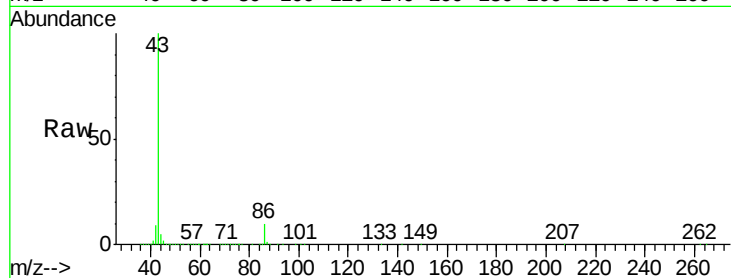
#23
 Vinyl Acetate
 Concen: 240.927 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1554675
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5

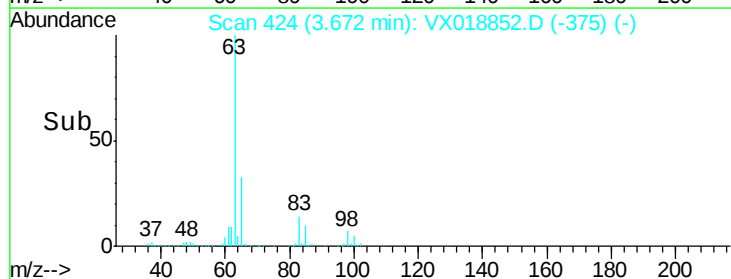
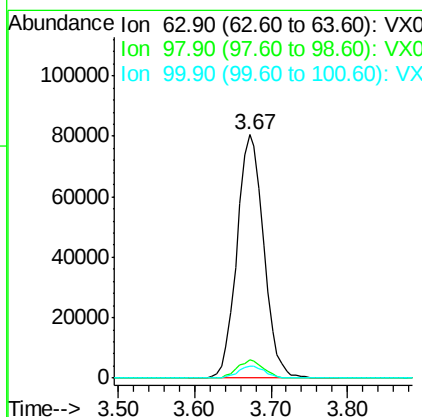
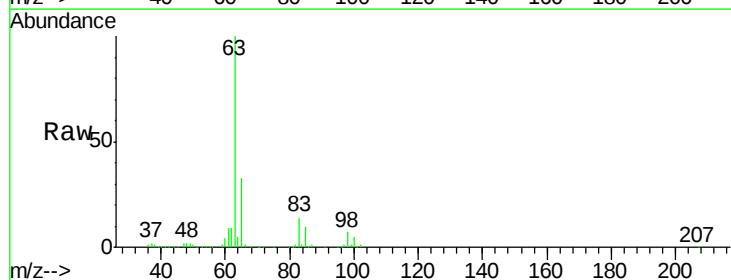
Manual Integrations
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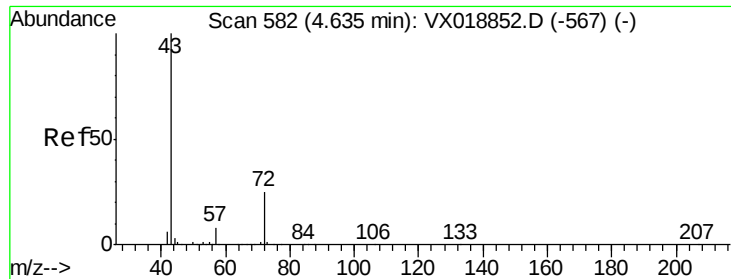
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 46.206 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 63 Resp: 194908
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.1 2.5 7.6





#25

2-Butanone

Concen: 237.626 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 413961

Ion Ratio Lower Upper

43 100

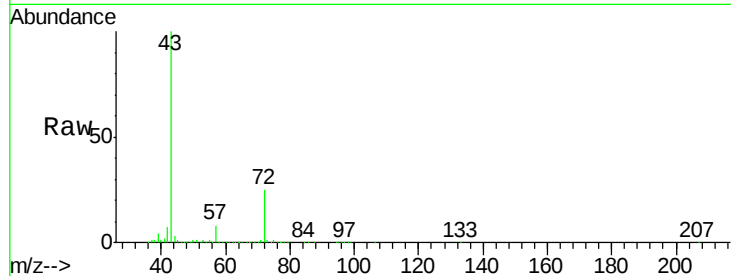
72 25.3 20.2 30.4

Manual Integrations

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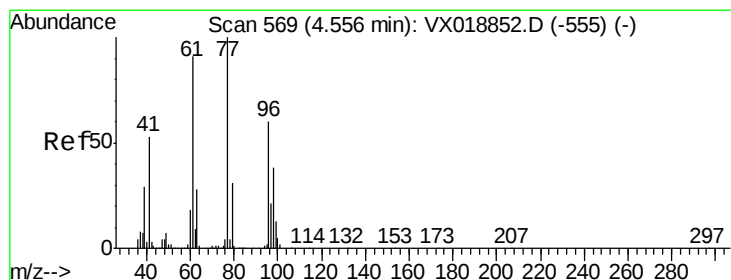
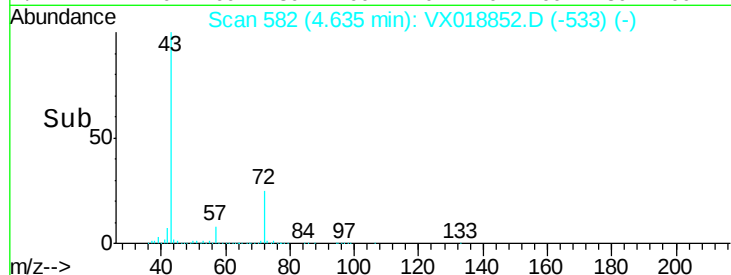
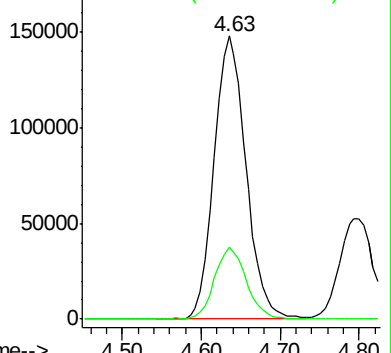
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.644 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018852.D

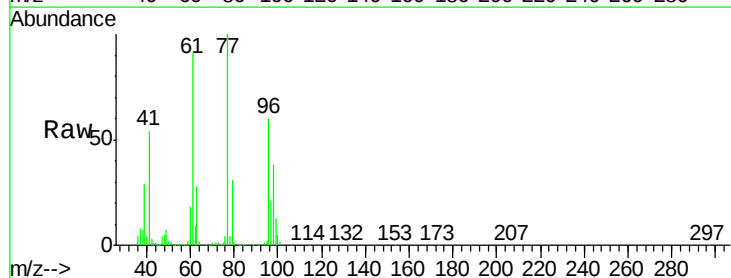
Acq: 09 Oct 2020 12:25

Tgt Ion: 77 Resp: 191947

Ion Ratio Lower Upper

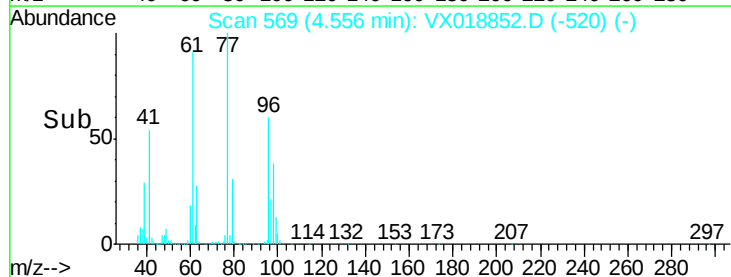
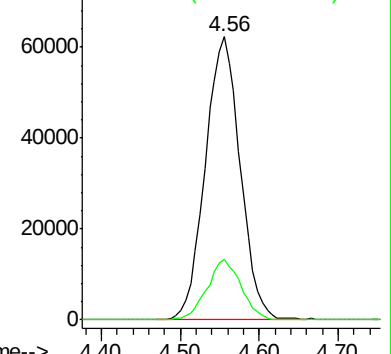
77 100

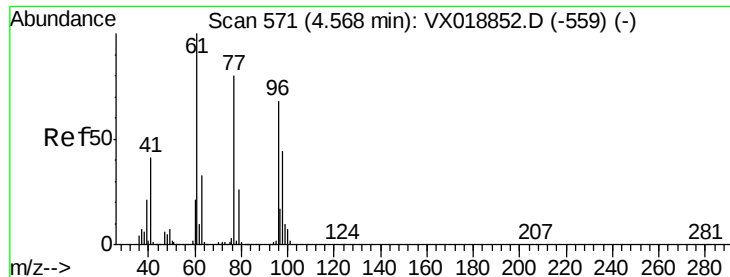
97 20.9 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

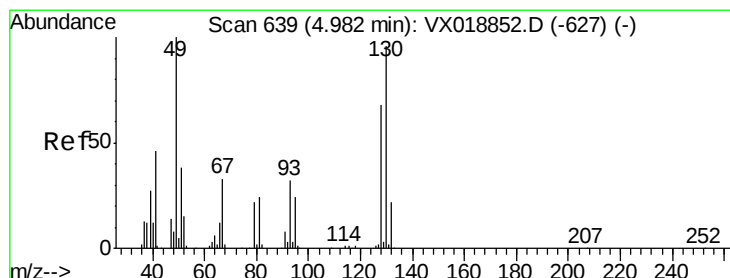
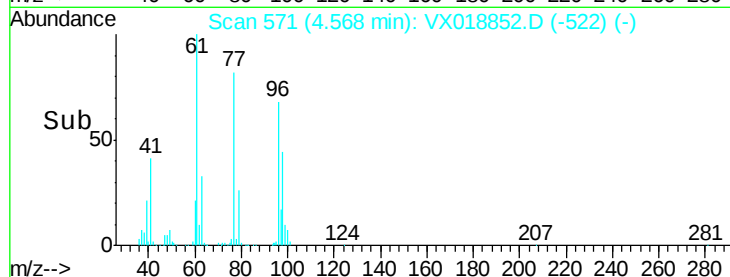
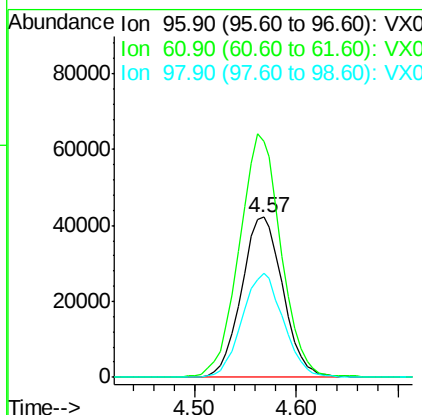
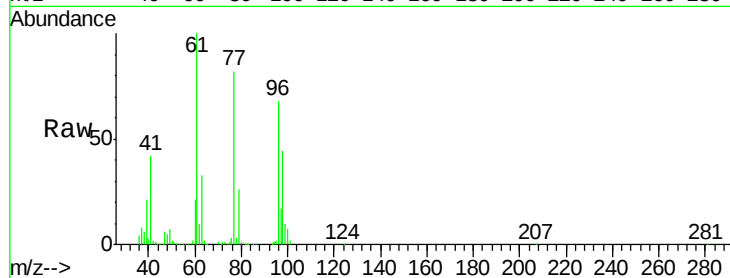
cis-1,2-Dichloroethene
 Concen: 45.635 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.4	0.0	306.8	
98	65.1	0.0	130.2	

Manual Integrations
 APPROVED

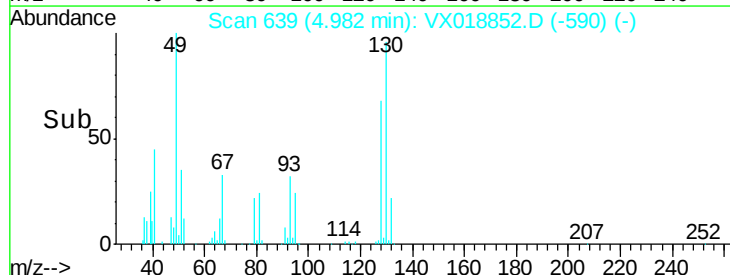
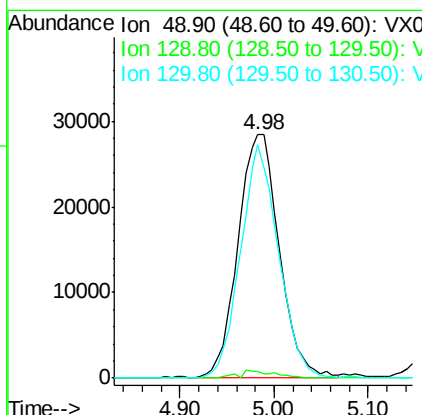
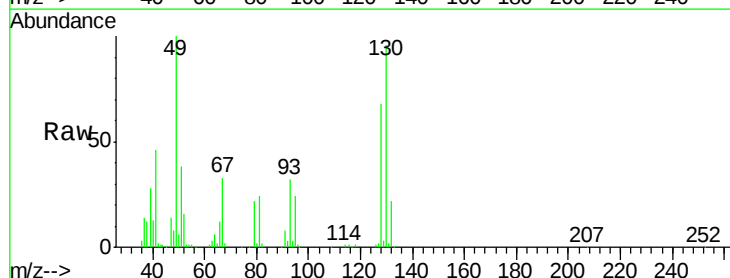
MMDadoda
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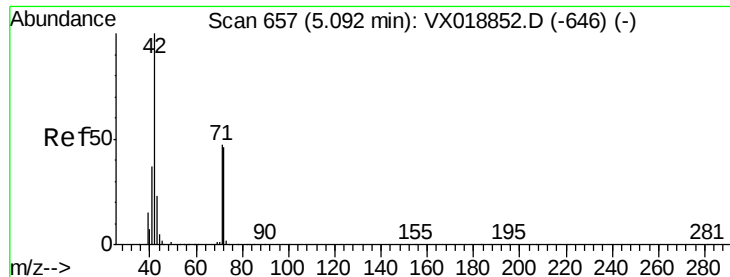


#28

Bromochloromethane
 Concen: 44.472 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	5.4	
130	89.0	71.2	106.8	





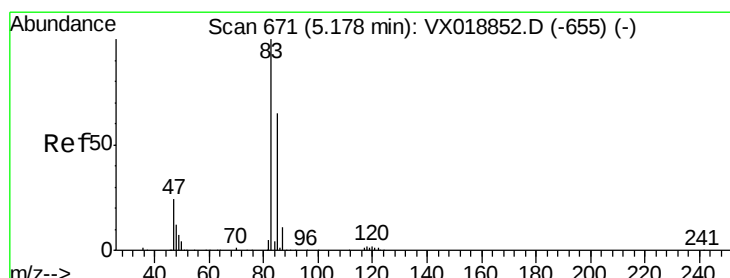
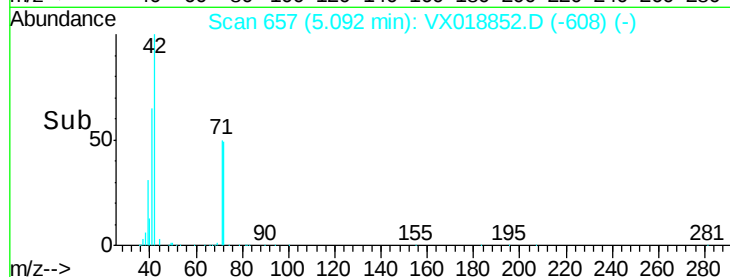
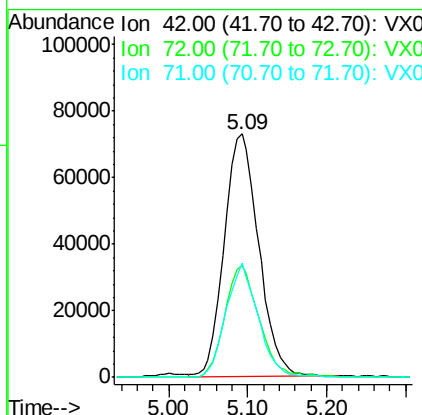
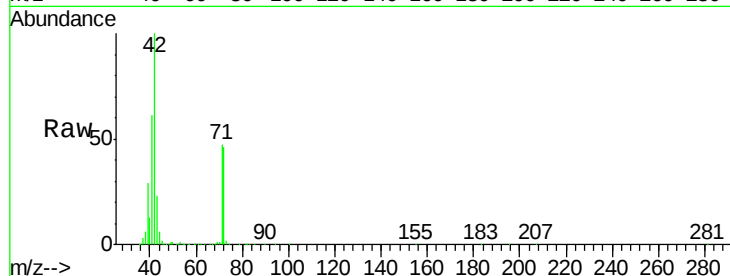
#29
Tetrahydrofuran
Concen: 207.689 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.4	54.6
71	44.0	35.2	52.8

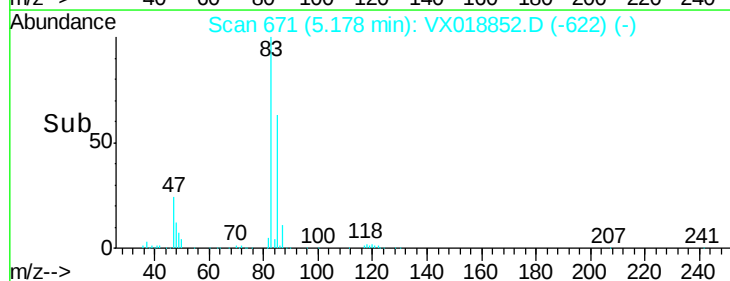
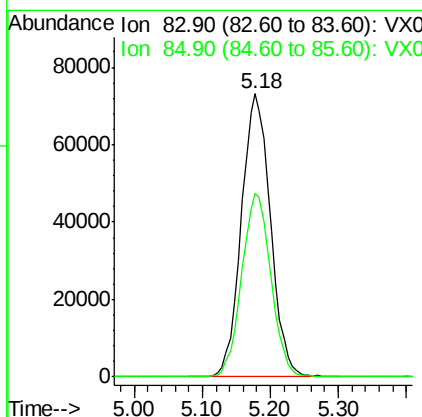
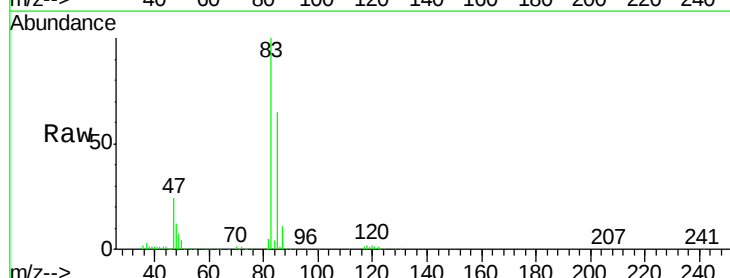
Manual Integrations
APPROVED

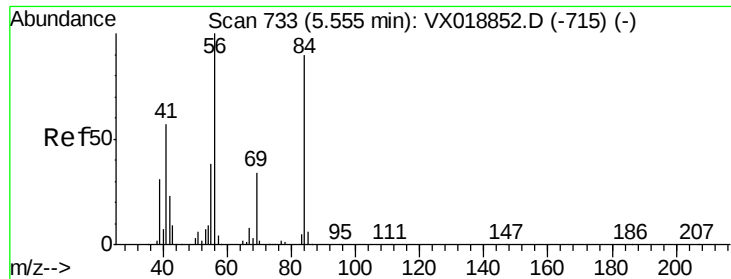
MMDadoda
10/12/2020 2:23:23 PM



#30
Chloroform
Concen: 50.105 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8





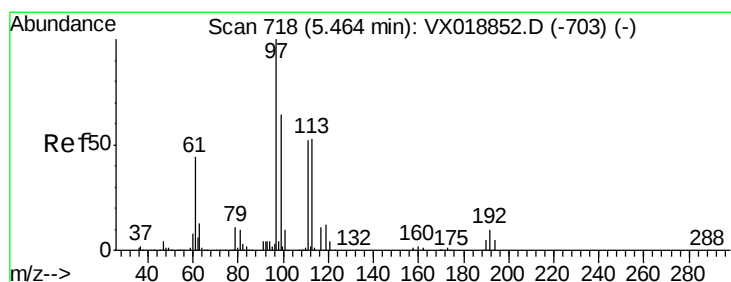
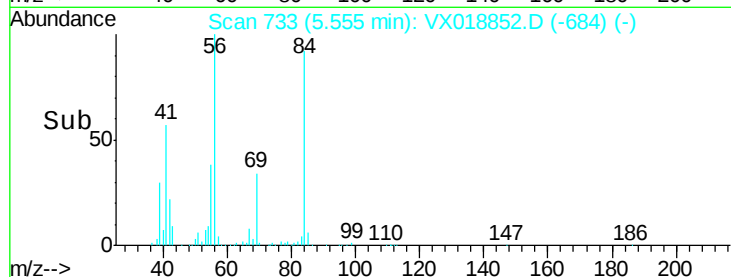
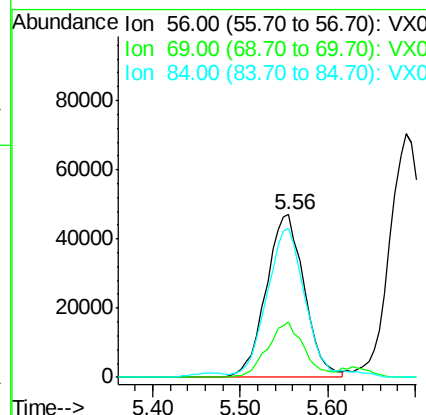
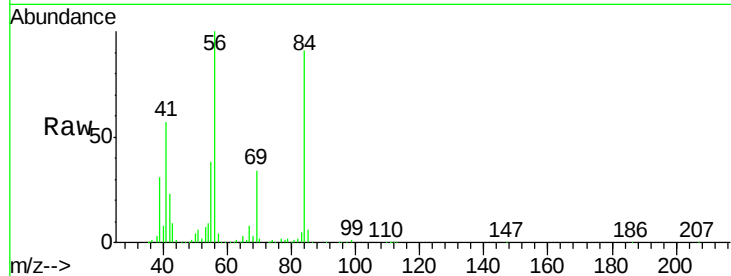
#31
Cyclohexane
Concen: 41.498 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	27.1	40.7
84	89.6	71.7	107.5

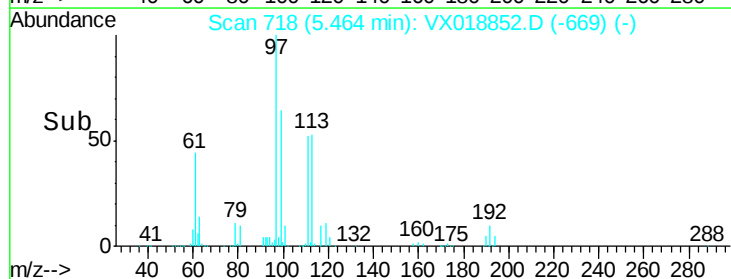
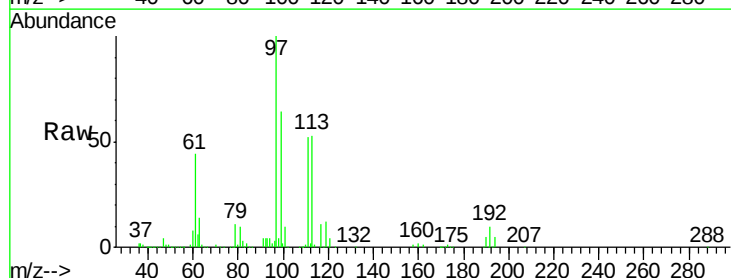
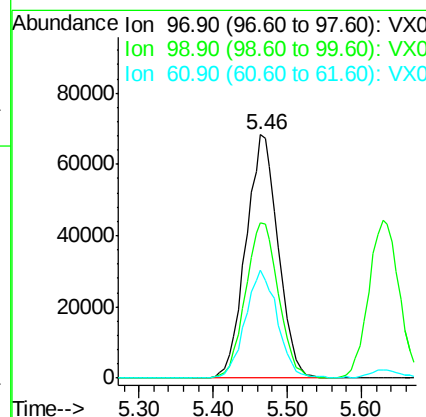
Manual Integrations
APPROVED

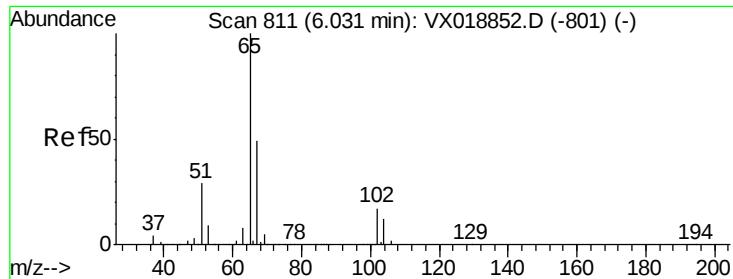
MMDadoda
10/12/2020 2:23:23 PM



#32
1,1,1-Trichloroethane
Concen: 50.865 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.1	78.1
61	44.1	35.3	52.9





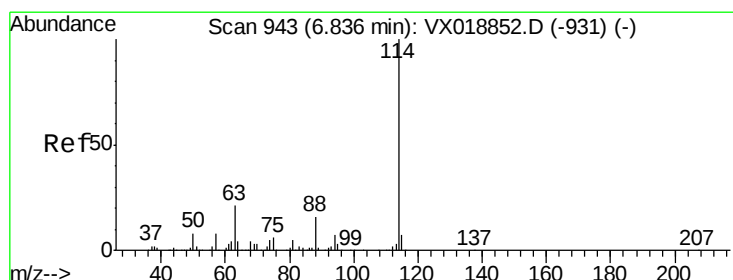
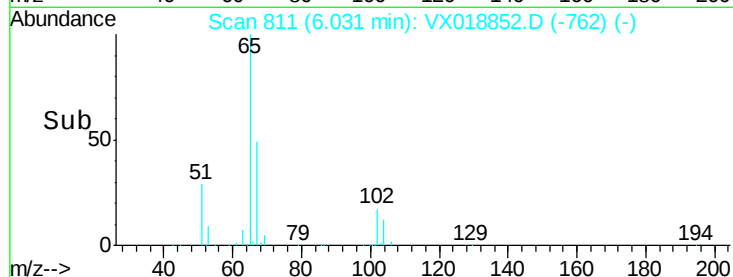
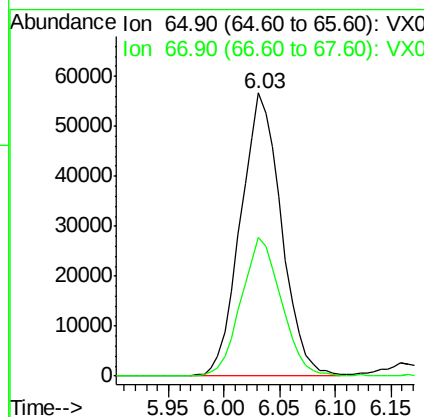
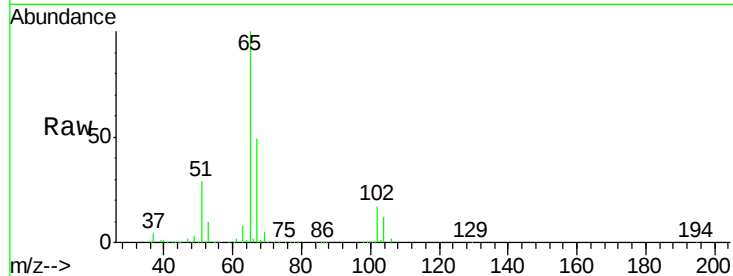
#33
 1,2-Dichloroethane-d4
 Concen: 48.227 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 65 Resp: 144073
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 97.0

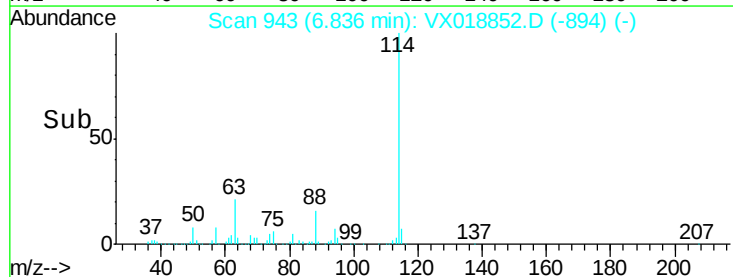
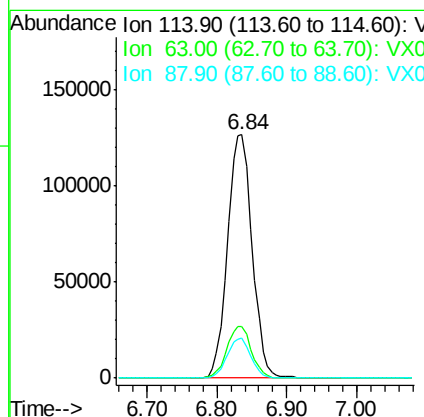
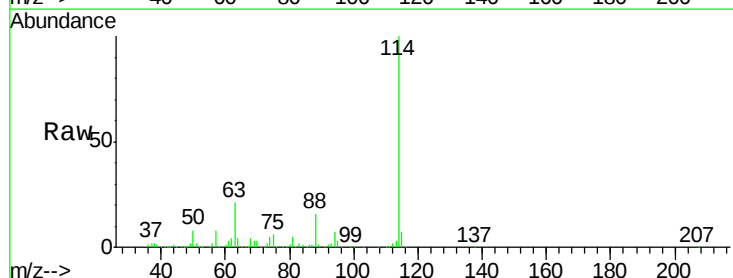
Manual Integrations
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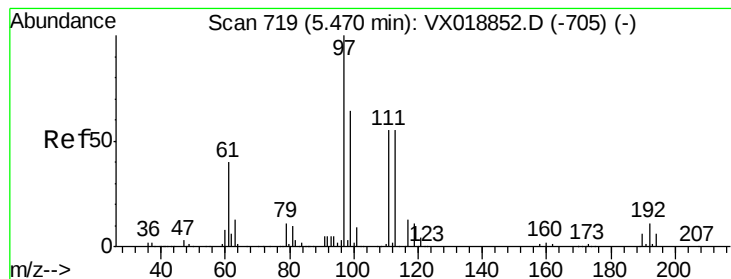
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 114 Resp: 309168
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.886 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

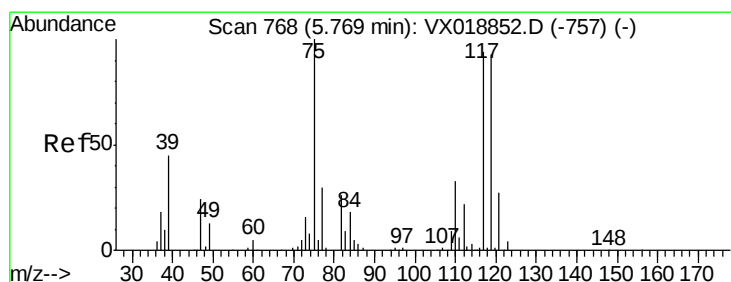
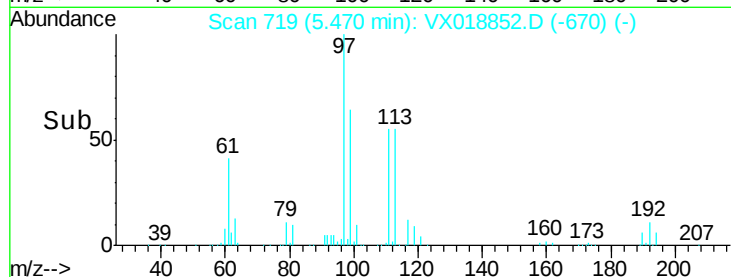
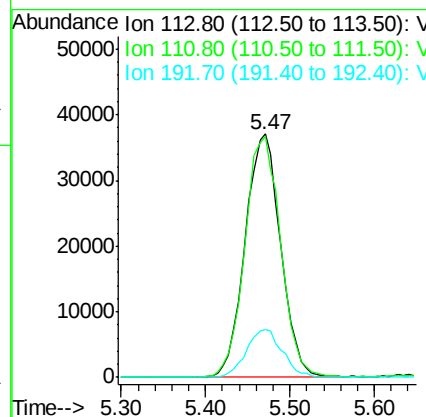
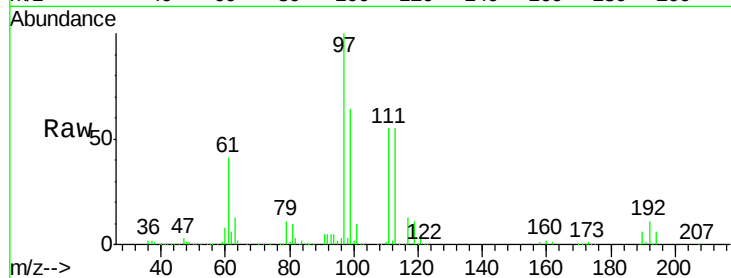
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	105699
Ion Ratio	Lower	Upper	
113	100		
111	100.1	80.1	120.1
192	20.0	16.0	24.0

Manual Integrations
APPROVED

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10/12/2020 2:23:23 PM



#36

1,1-Dichloropropene

Concen: 50.924 ug/l

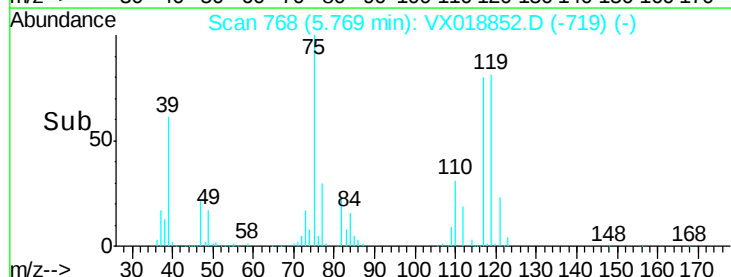
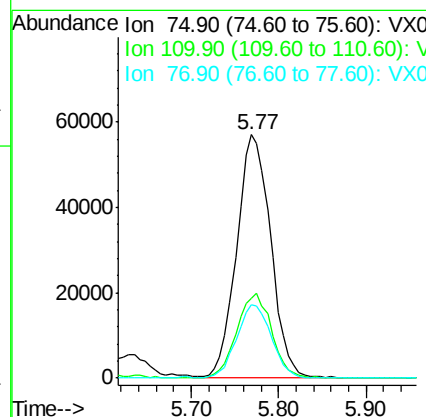
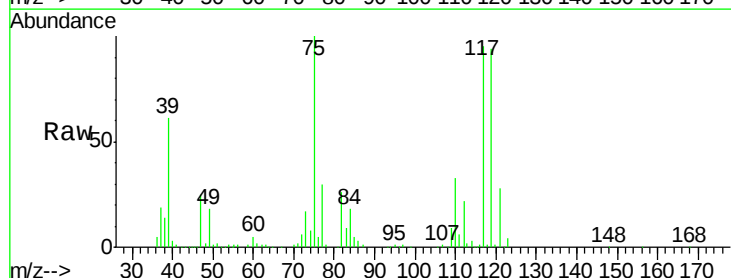
RT: 5.77 min Scan# 768

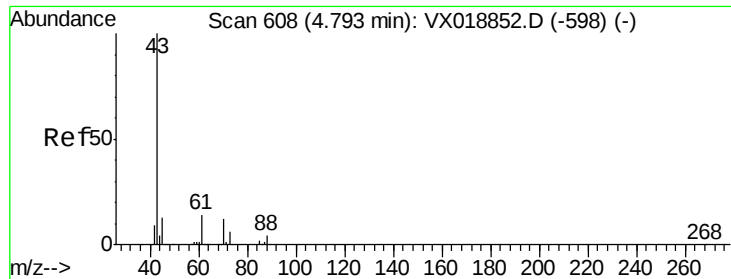
Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion:	75	Resp:	153507
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.8	53.5
77	30.3	24.2	36.4





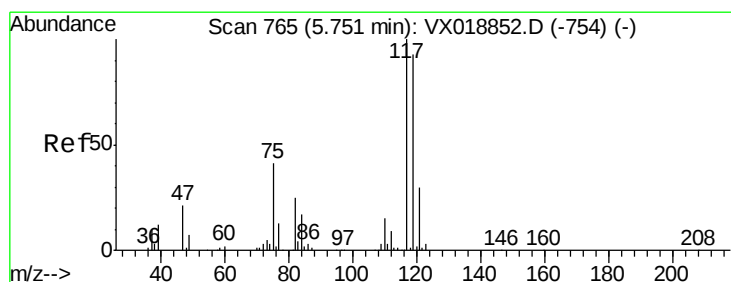
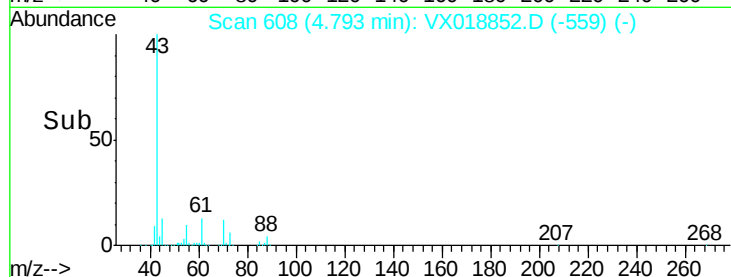
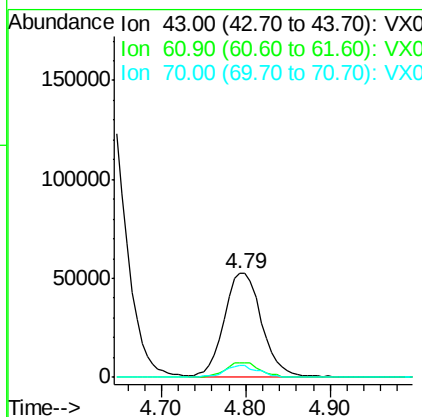
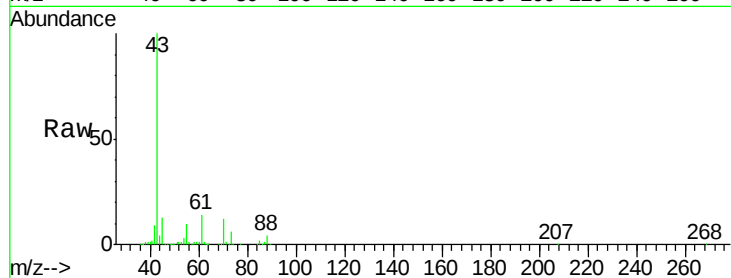
#37
Ethyl Acetate
Concen: 49.830 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	43	Resp:	159101
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.8	8.6	13.0

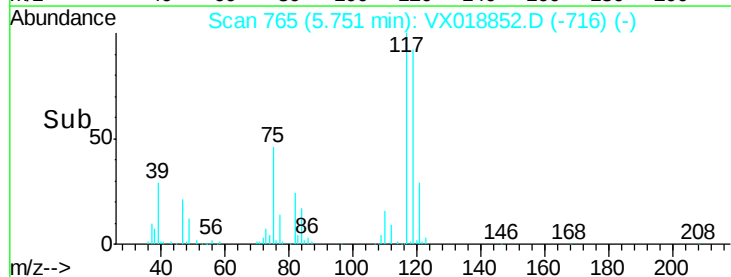
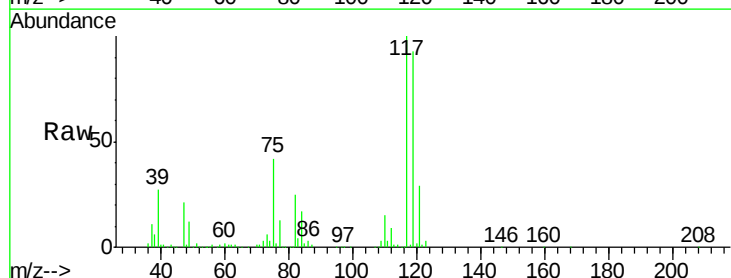
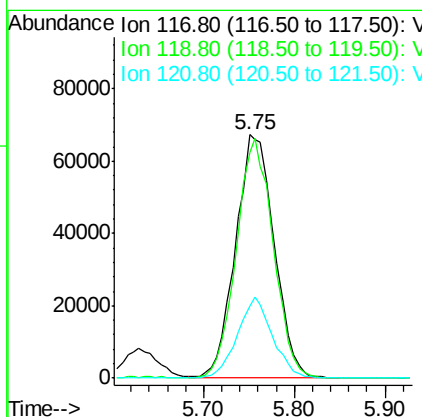
Manual Integrations
APPROVED

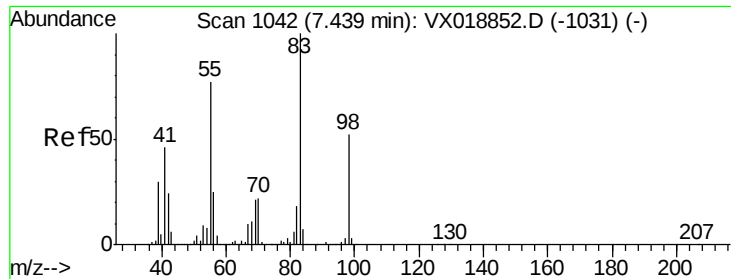
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10/12/2020 2:23:23 PM



#38
Carbon Tetrachloride
Concen: 58.140 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion:	117	Resp:	198774
Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.9	110.9
121	29.5	23.6	35.4





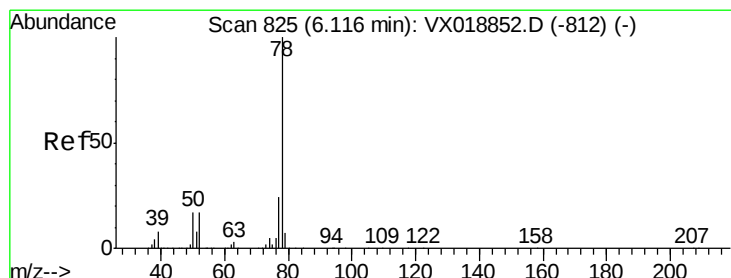
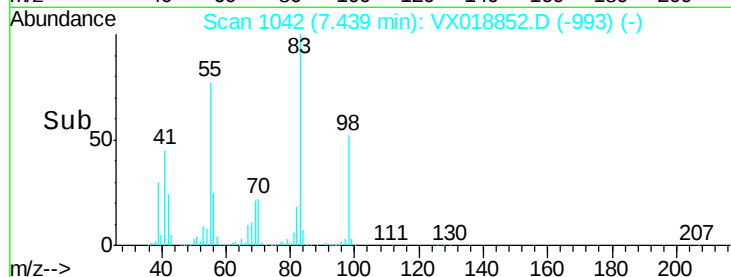
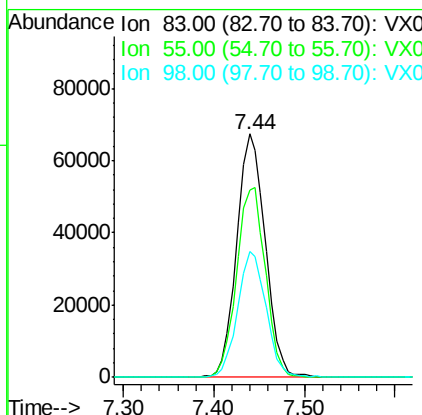
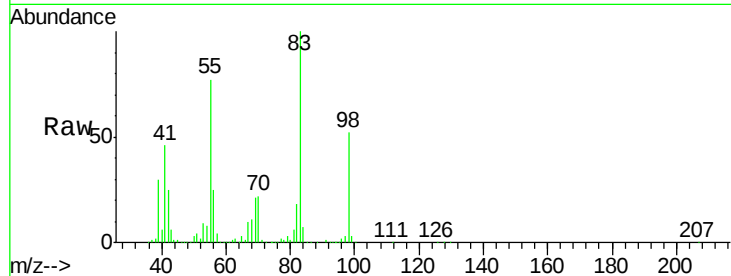
#39
Methvlcvclohexane
Concen: 44.748 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.8	92.6
98	51.7	41.4	62.0

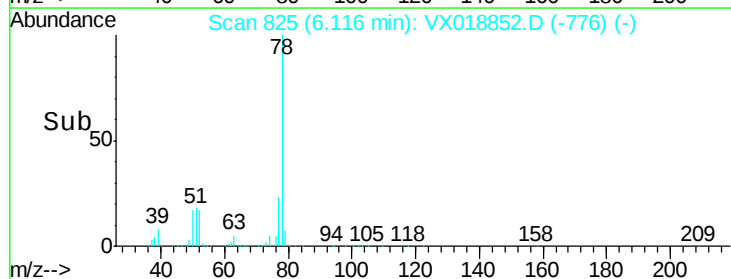
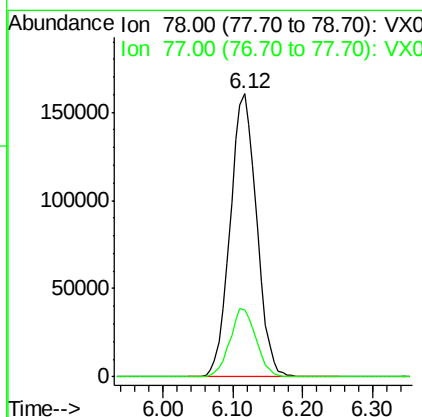
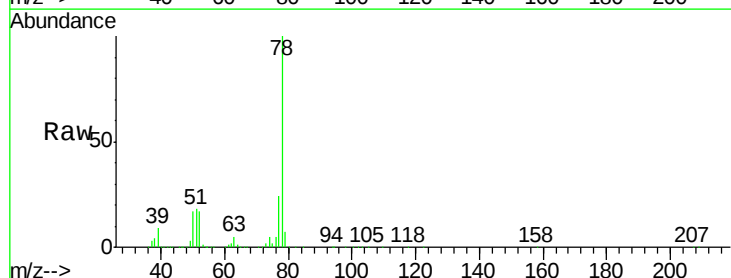
Manual Integrations
APPROVED

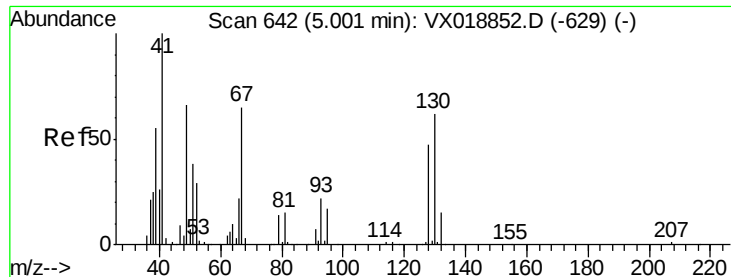
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#40
Benzene
Concen: 49.075 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 48.967 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

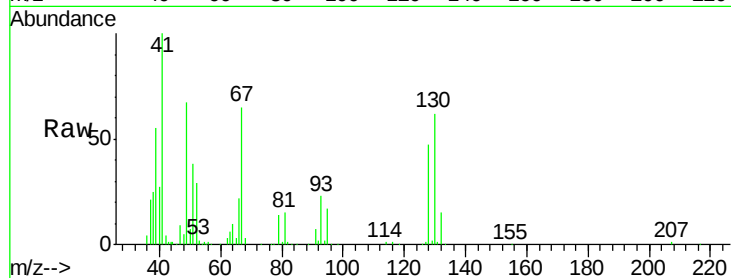
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	45.4	68.2	
67	69.3	55.4	83.2	
52	29.8	23.8	35.8	

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:23 PM

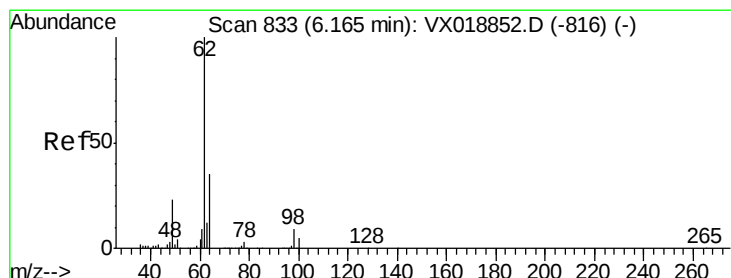
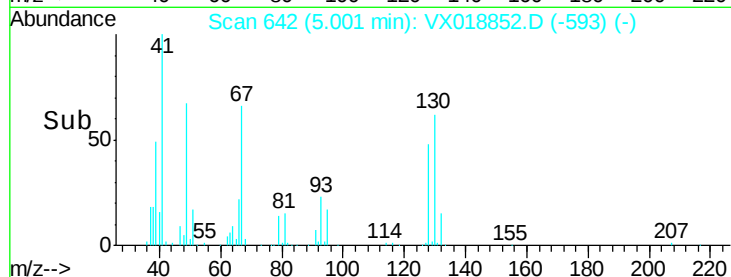
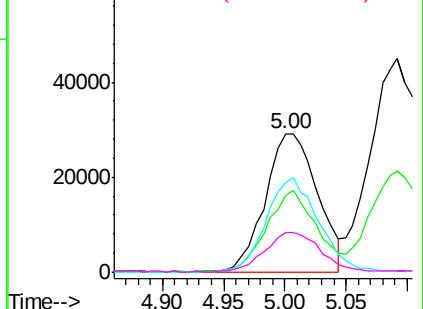


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.531 ug/l

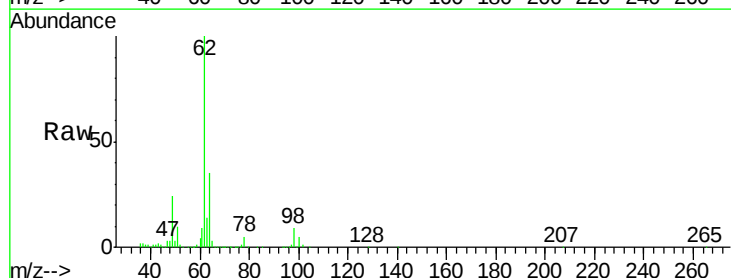
RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018852.D

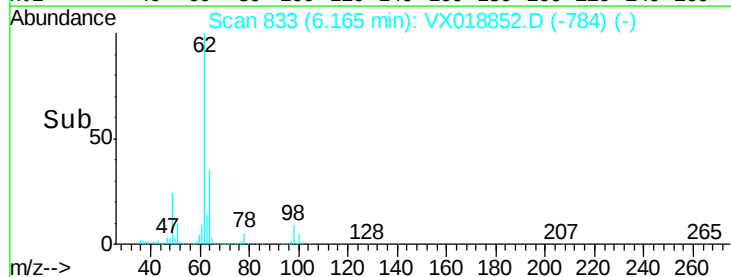
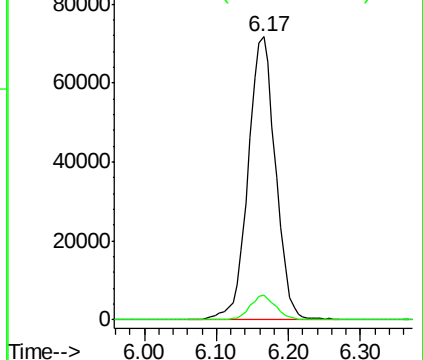
Acq: 09 Oct 2020 12:25

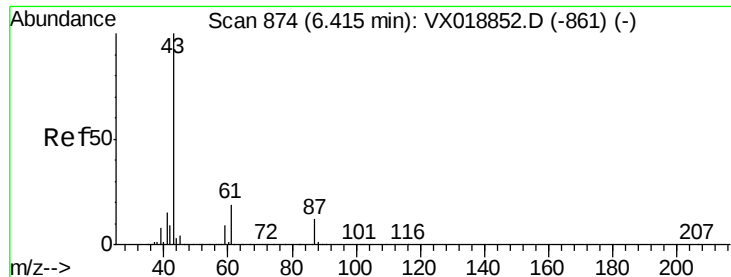
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.4	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

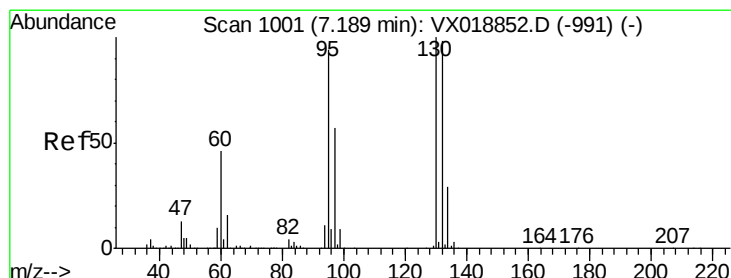
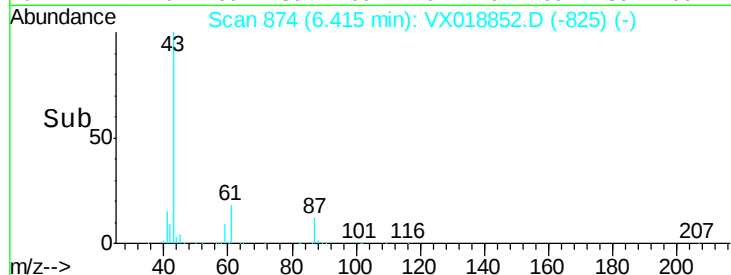
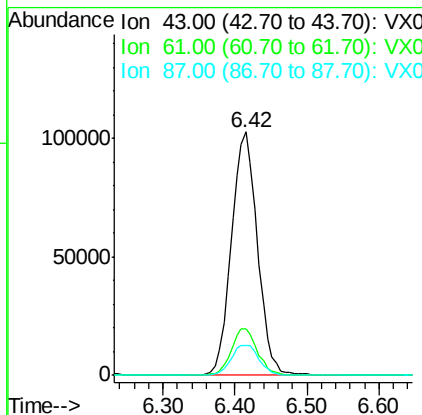
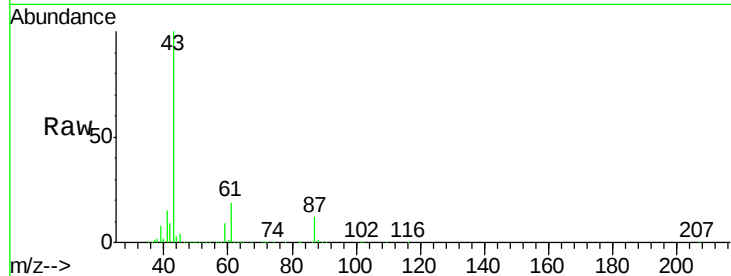
Isopropyl Acetate
 Concen: 48.645 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.5	10.8	16.2

Manual Integrations
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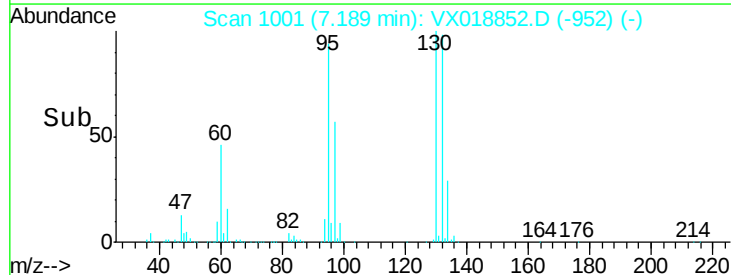
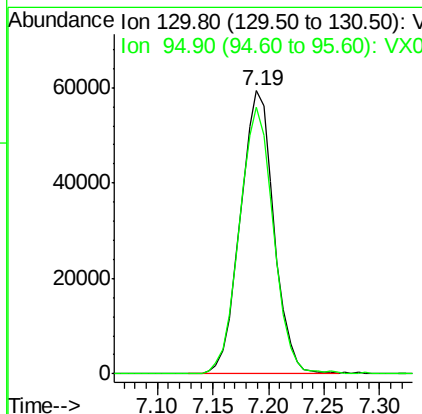
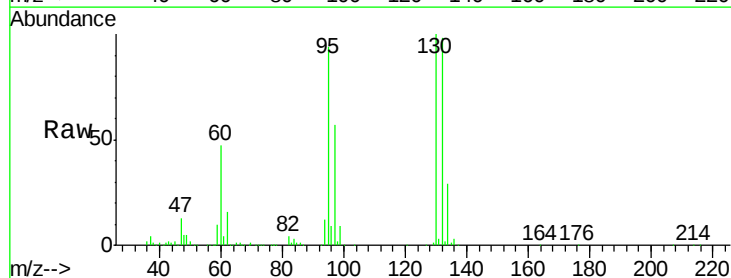
MMDadoda
 10/12/2020 2:23:23 PM

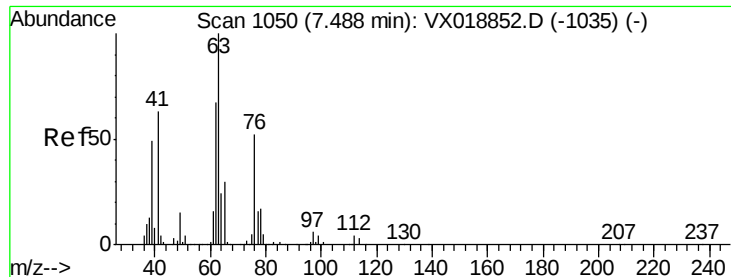


#44

Trichloroethene
 Concen: 49.713 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	188.4





#45

1,2-Dichloropropane

Concen: 46.877 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 110033

Ion Ratio Lower Upper

63 100

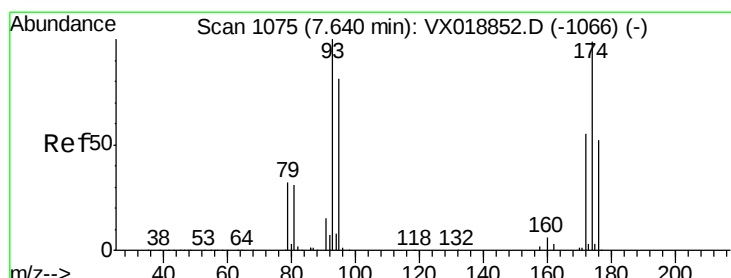
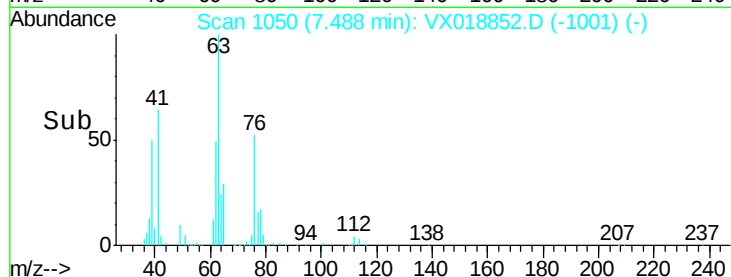
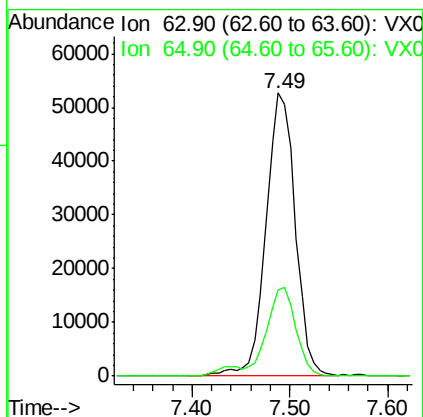
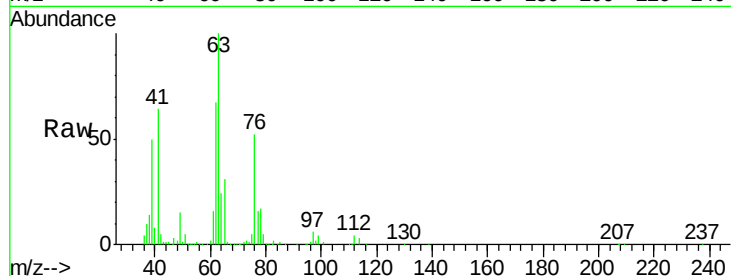
65 30.3 24.2 36.4

Manual Integrations

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MMDadoda

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#46

Dibromomethane

Concen: 50.242 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

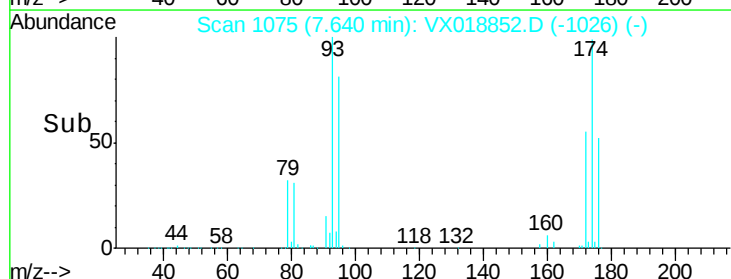
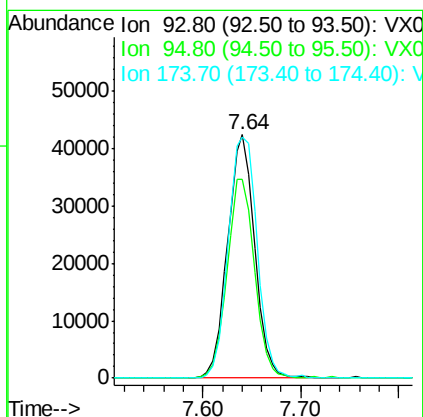
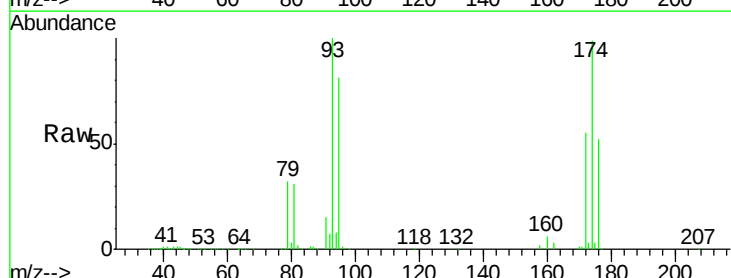
Tgt Ion: 93 Resp: 81691

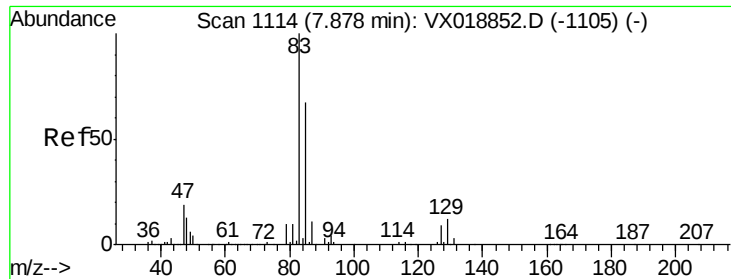
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 105.8 84.6 127.0





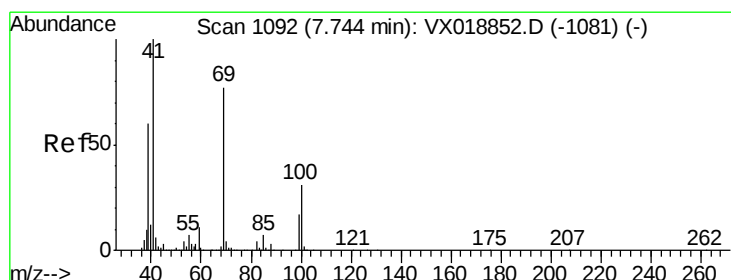
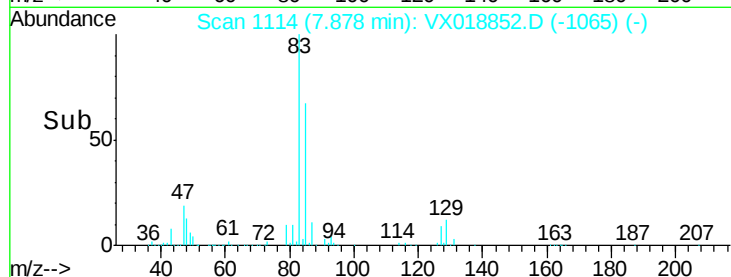
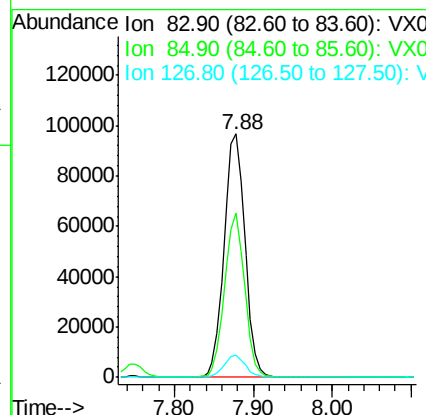
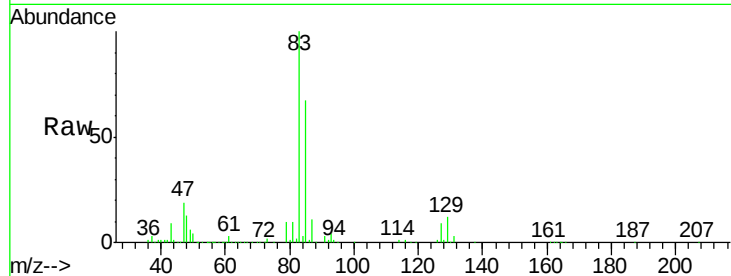
#47
Bromodichloromethane
Concen: 53.834 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.8	80.6
127	9.4	7.5	11.3

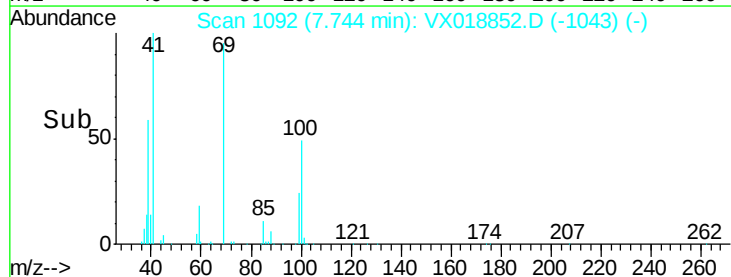
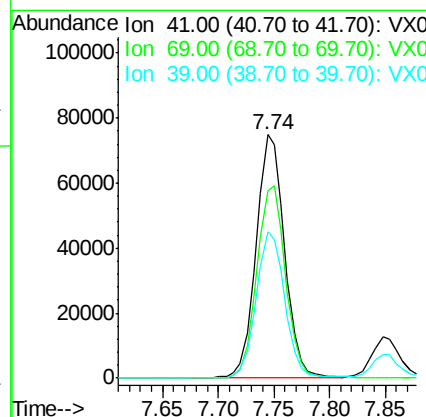
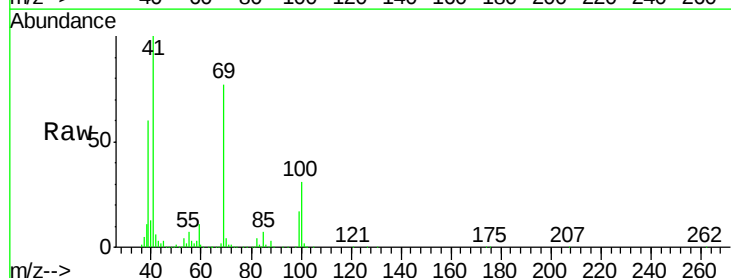
Manual Integrations
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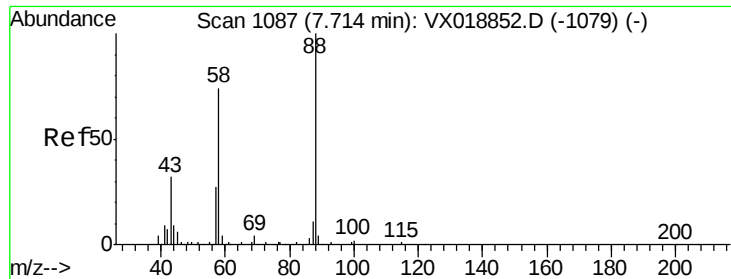
MMDadoda
10/12/2020 2:23:23 PM



#48
Methyl methacrylate
Concen: 51.305 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.8	64.6	97.0
39	60.8	48.6	73.0





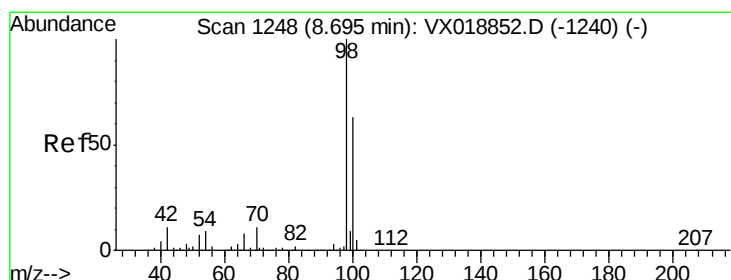
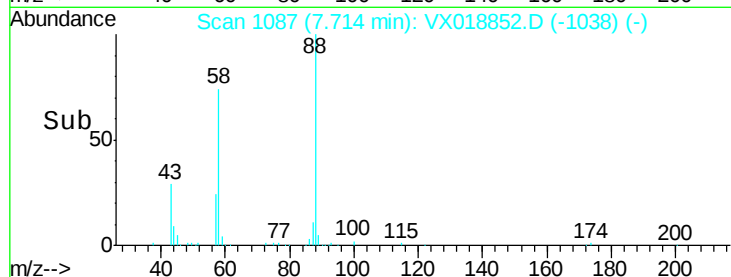
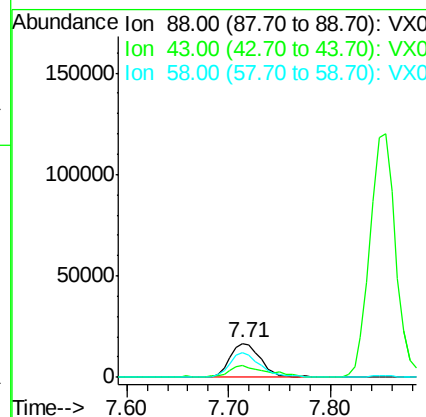
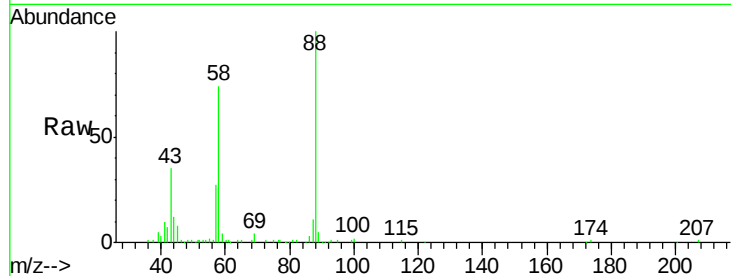
#49
1,4-Dioxane
Concen: 849.373 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	31.0	46.6
58	74.1	59.3	88.9

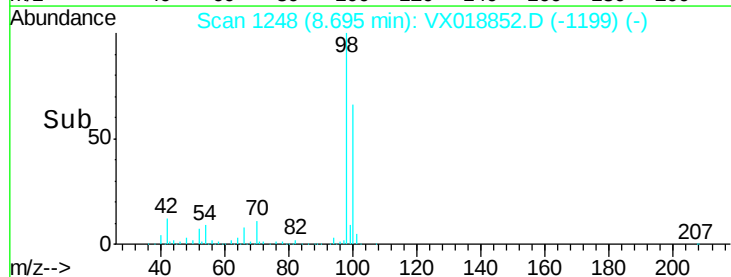
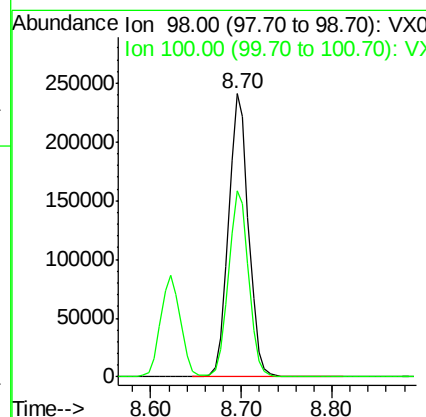
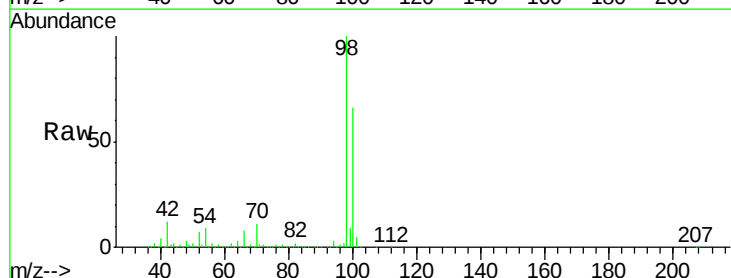
Manual Integrations
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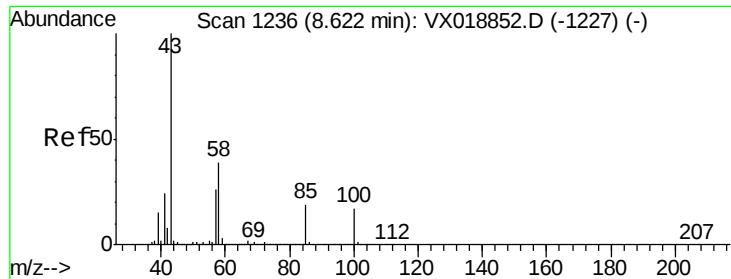
MMDadoda
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#50
Toluene-d8
Concen: 47.924 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 254.870 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 804524

Ion Ratio Lower Upper

43 100

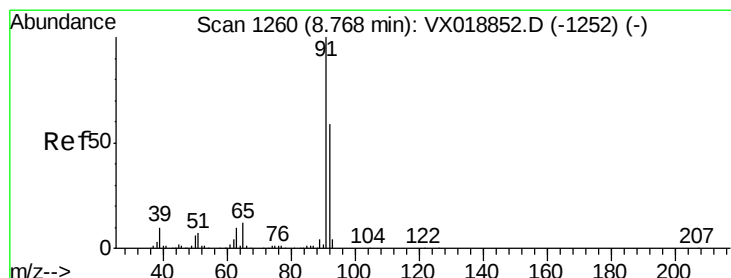
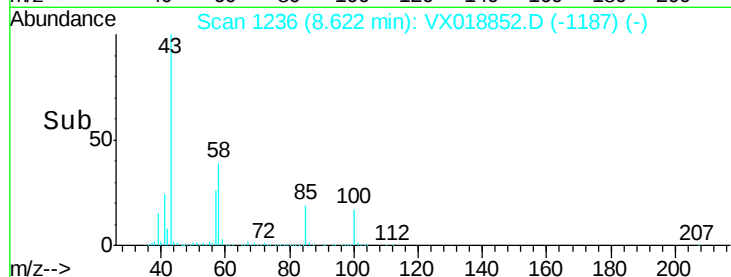
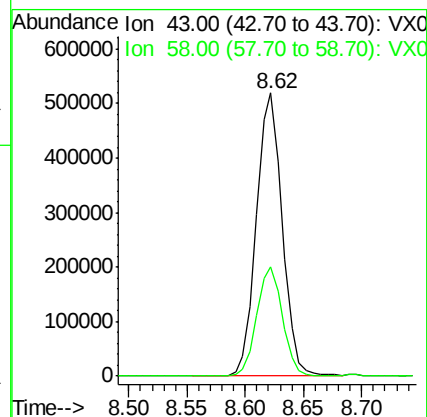
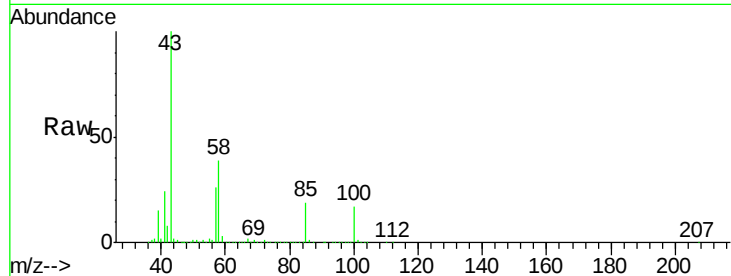
58 38.6 30.9 46.3

Manual Integrations

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MMDadoda

10/12/2020 2:23:23 PM



#52

Toluene

Concen: 51.098 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018852.D

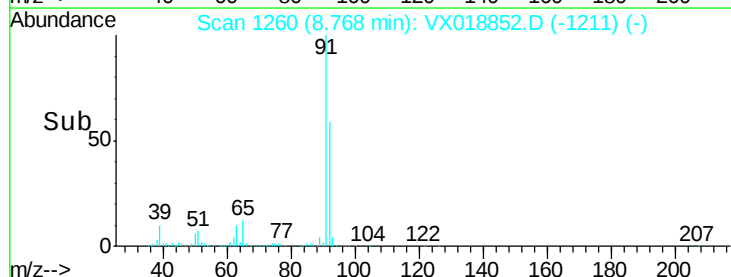
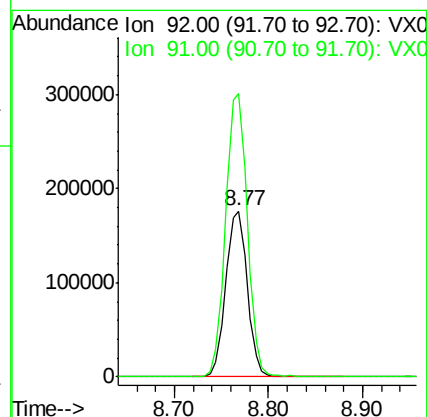
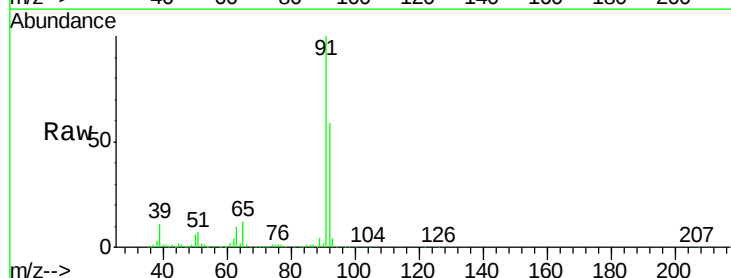
Acq: 09 Oct 2020 12:25

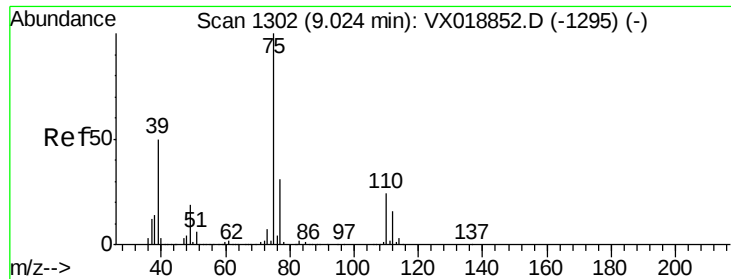
Tgt Ion: 92 Resp: 278416

Ion Ratio Lower Upper

92 100

91 172.8 138.2 207.4





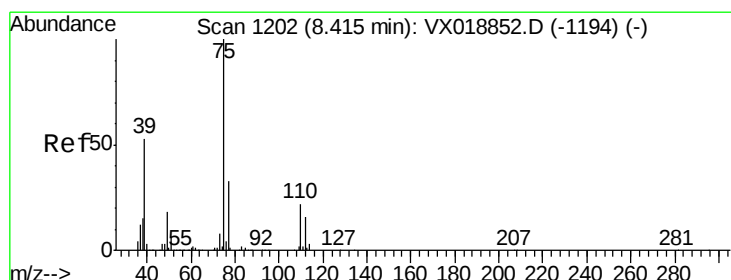
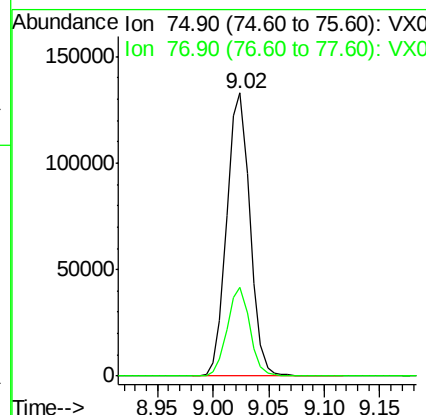
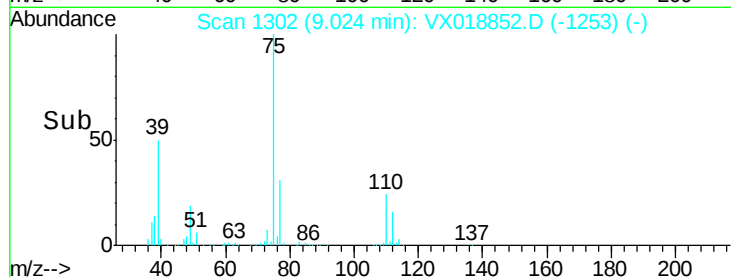
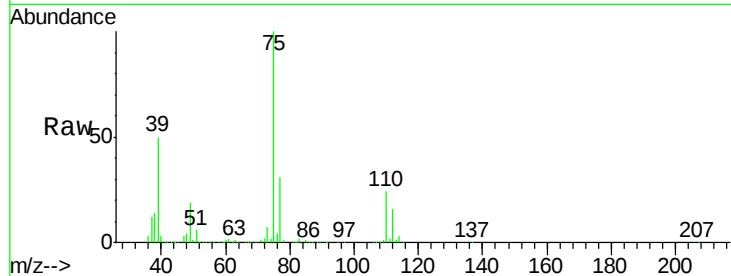
#53
t-1,3-Dichloropropene
Concen: 51.427 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

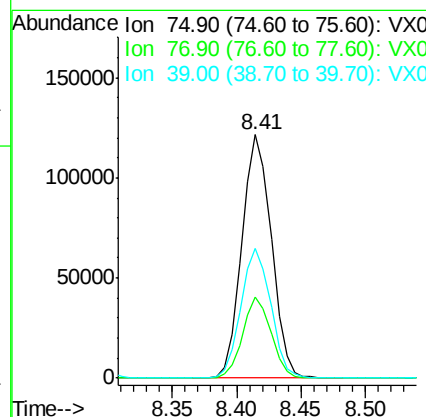
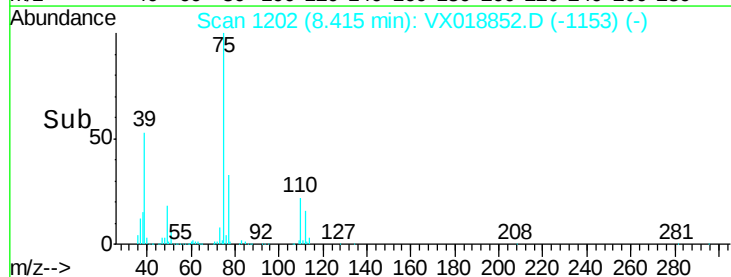
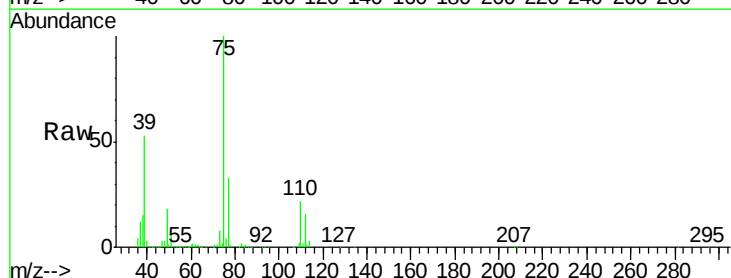
Manual Integrations
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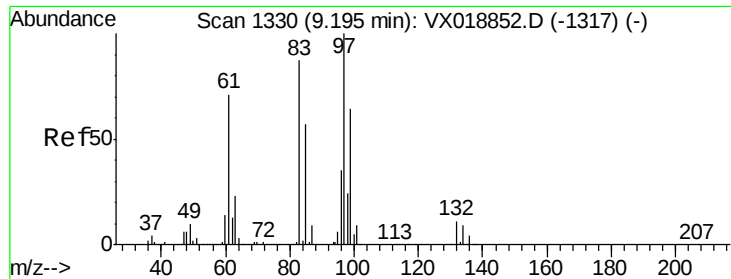
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10/12/2020 2:23:23 PM



#54
cis-1,3-Dichloropropene
Concen: 50.448 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	39.8
39	53.3	42.6	64.0





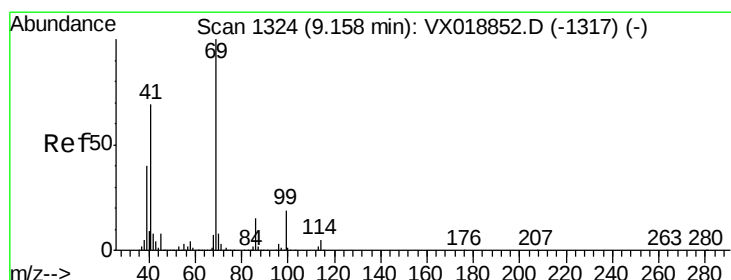
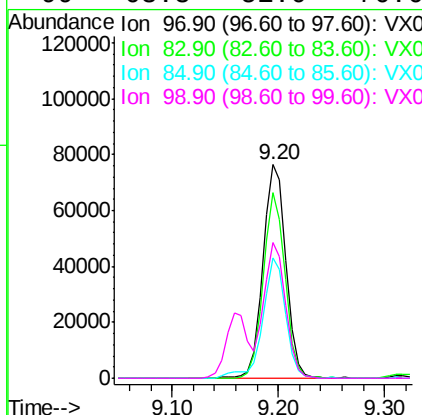
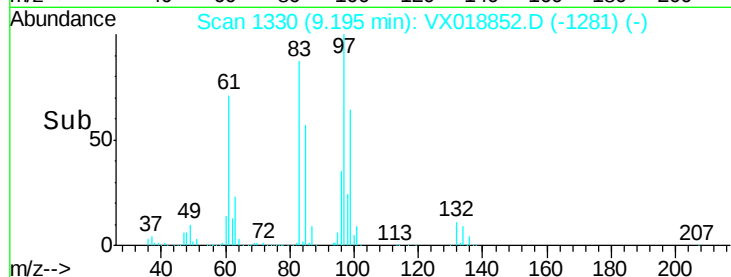
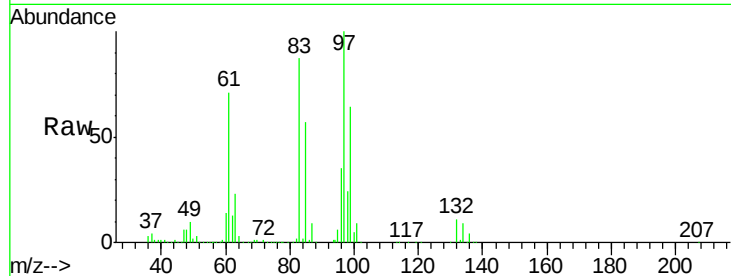
#55
 1,1,2-Trichloroethane
 Concen: 51.162 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		115489		
83	86.6	69.3	103.9		
85	56.6	45.3	67.9		
99	63.8	51.0	76.6		

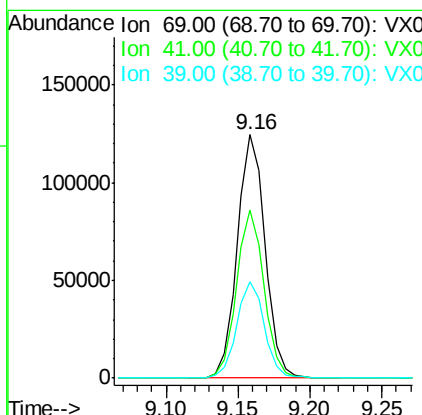
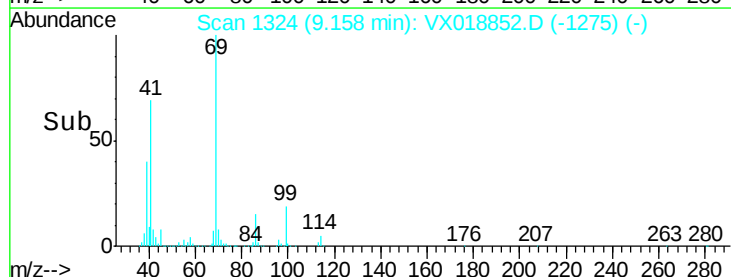
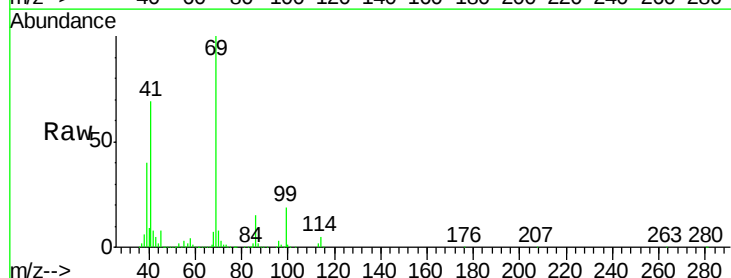
Manual Integrations
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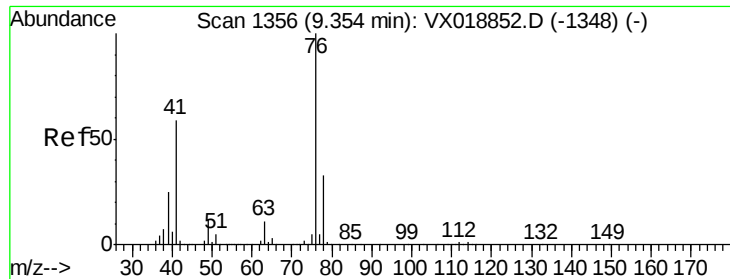
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 10/12/2020 2:23:23 PM



#56
 Ethyl methacrylate
 Concen: 50.567 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		167344		
41	68.2	54.6	81.8		
39	39.4	31.5	47.3		





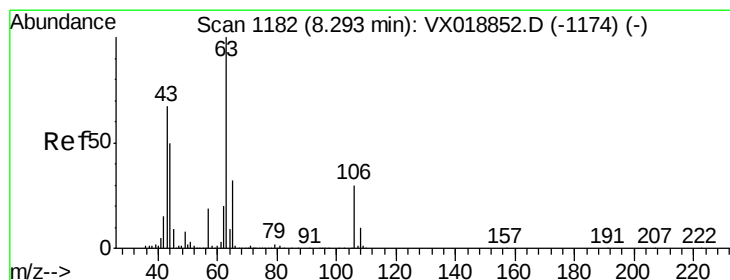
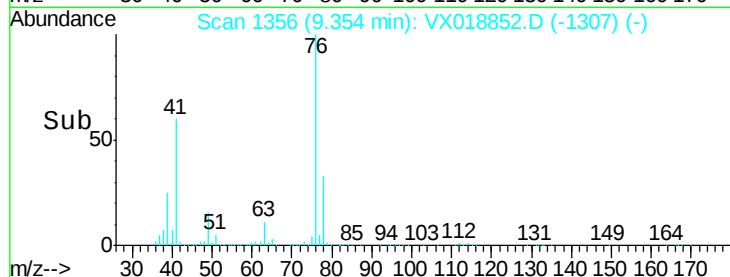
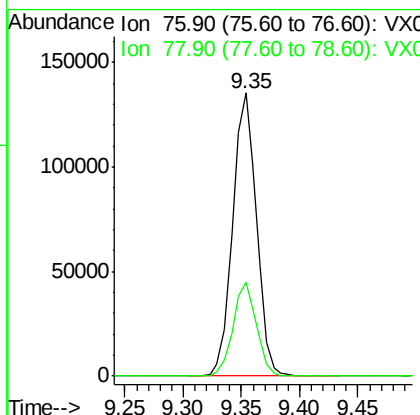
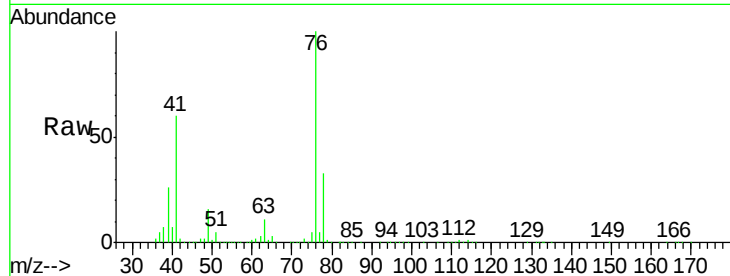
#57
 1,3-Dichloropropane
 Concen: 50.981 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 193405
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

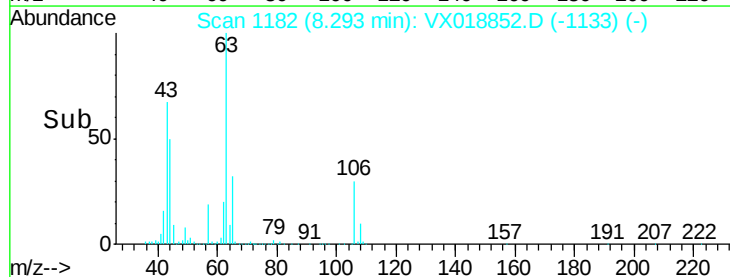
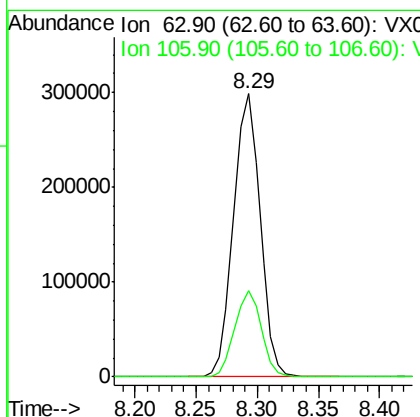
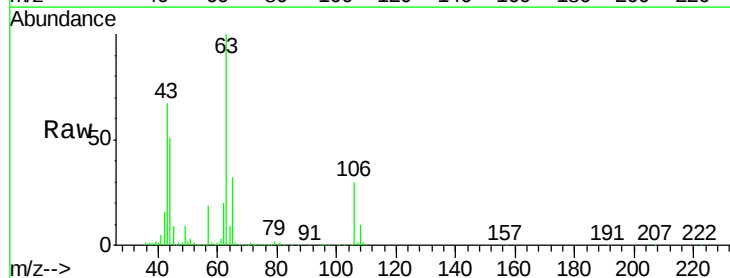
Manual Integrations
 APPROVED

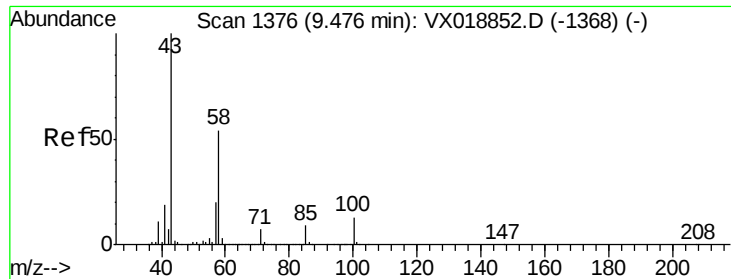
MMDadoda
 10/12/2020 2:23:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.150 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 63 Resp: 451248
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.2 36.4





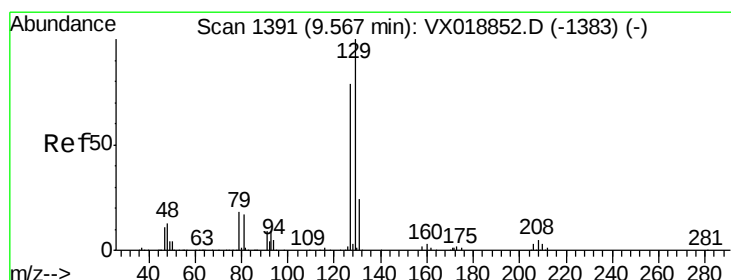
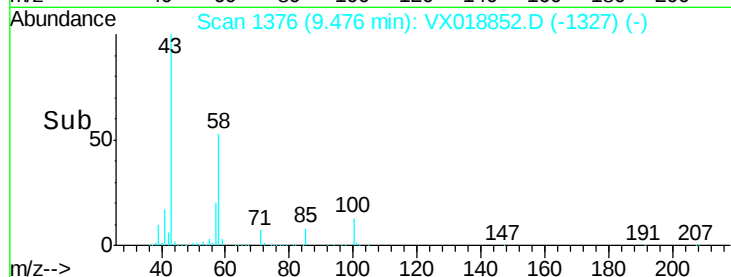
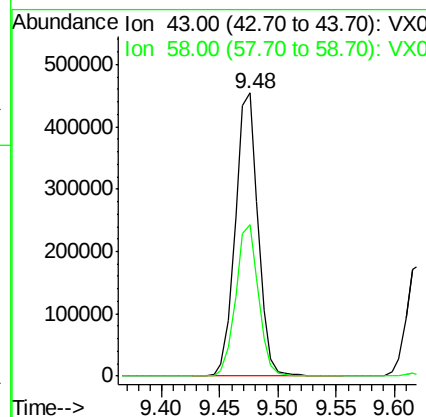
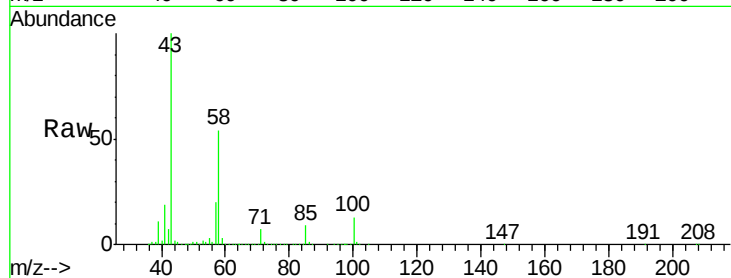
#59
2-Hexanone
Concen: 257.472 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 618071
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1

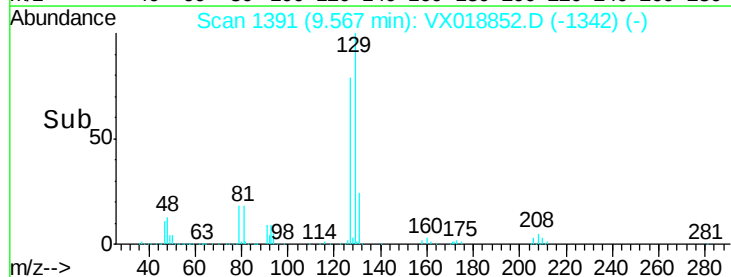
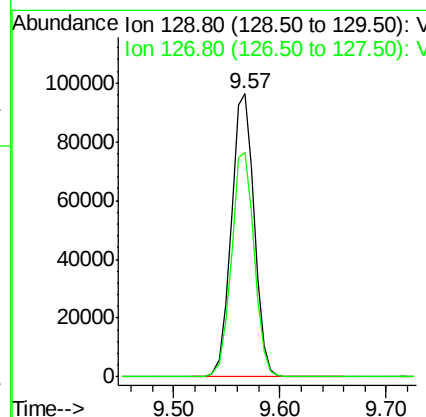
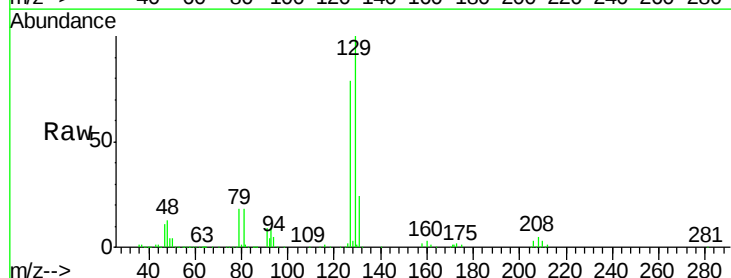
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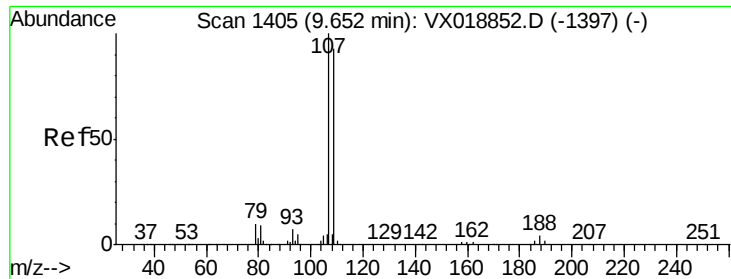
MMDadoda
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#60
Dibromochloromethane
Concen: 53.561 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 129 Resp: 145369
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5





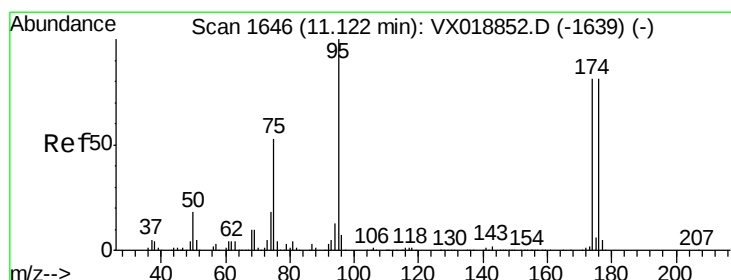
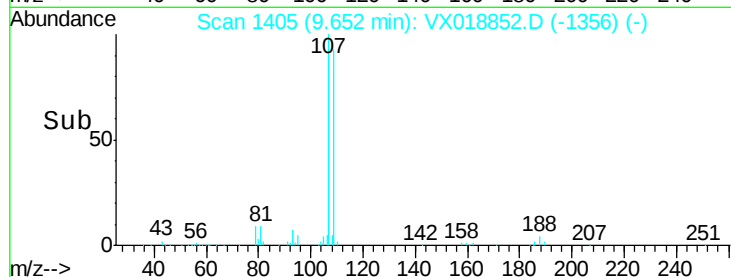
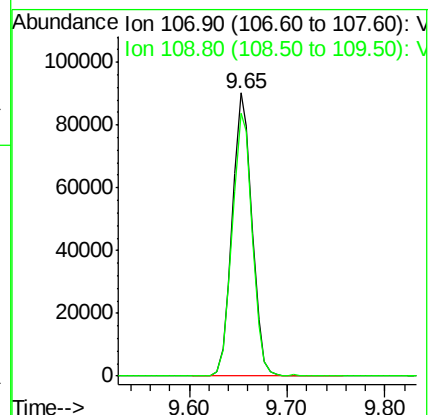
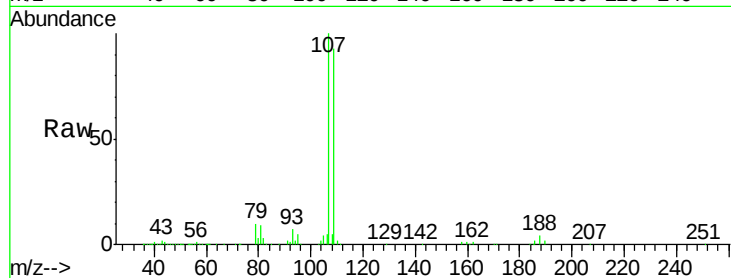
#61
 1,2-Dibromoethane
 Concen: 52.643 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.2	112.8

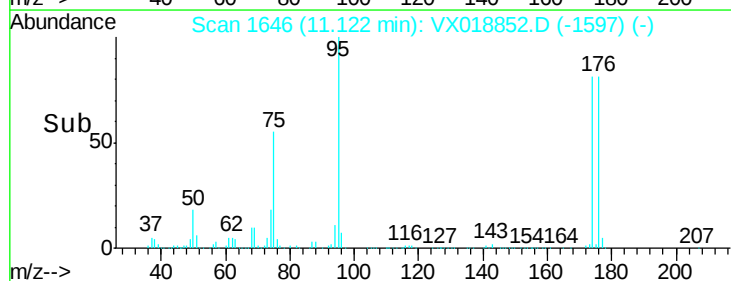
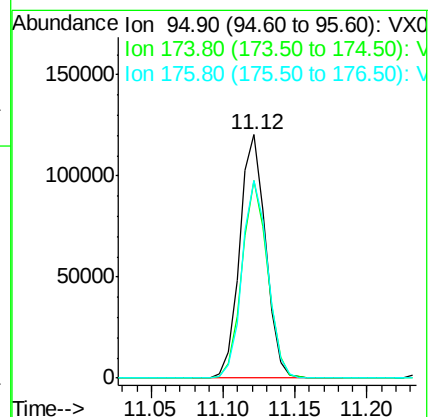
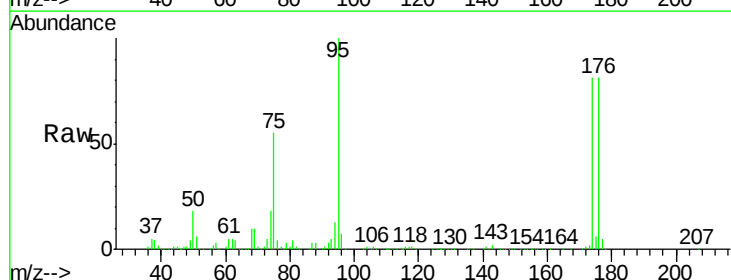
Manual Integrations
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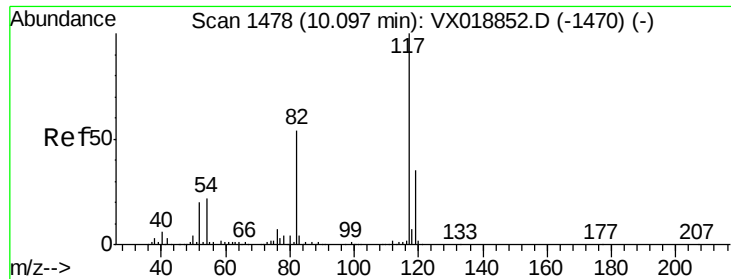
MMDadoda
 10/12/2020 2:23:23 PM



#62
 4-Bromofluorobenzene
 Concen: 48.667 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	160.0
176	80.6	0.0	161.2





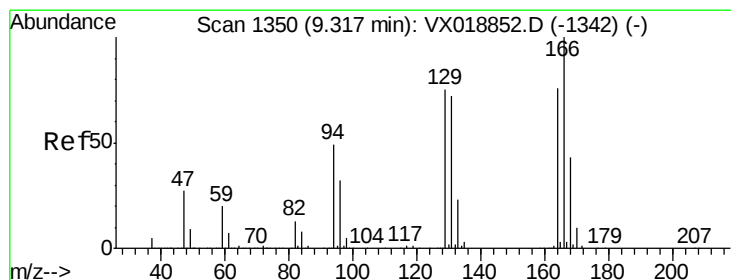
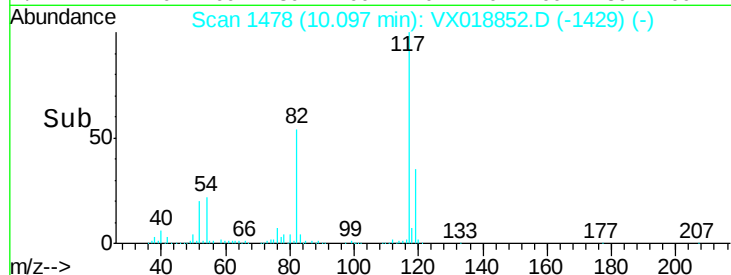
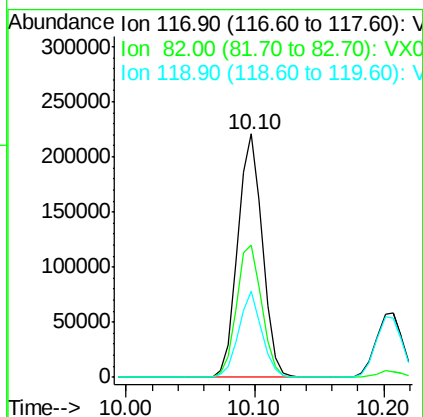
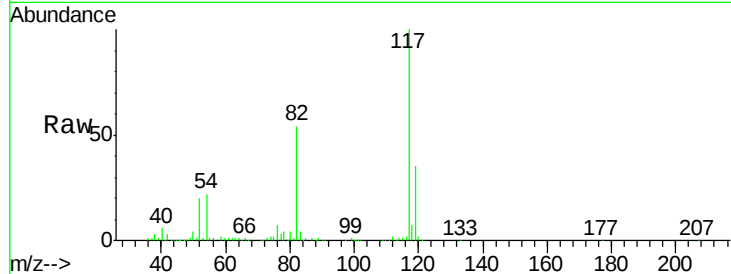
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.3	43.4	65.2
119	35.4	28.3	42.5

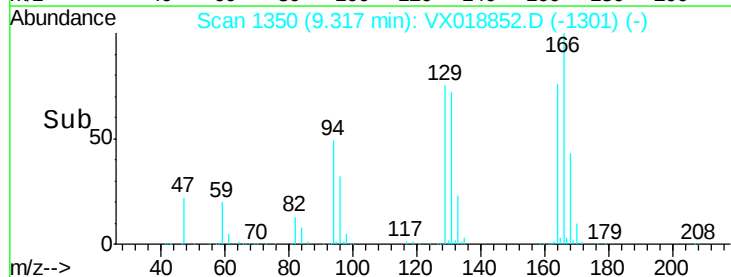
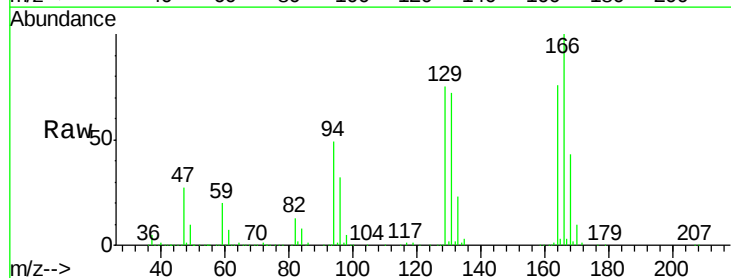
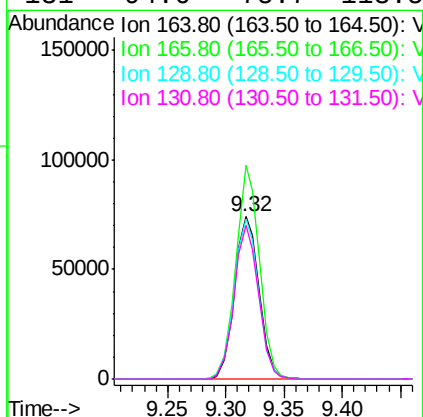
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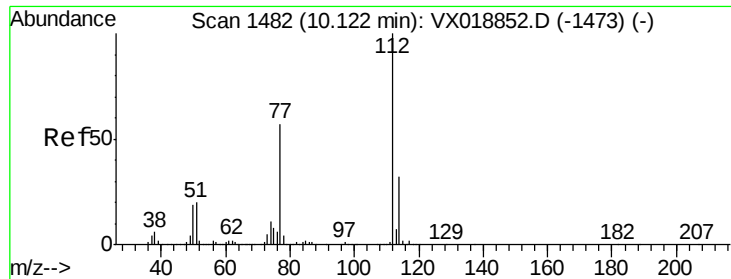
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#64
Tetrachloroethene
Concen: 47.323 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	131.7	105.4	158.0
129	98.8	79.0	118.6
131	94.6	75.7	113.5





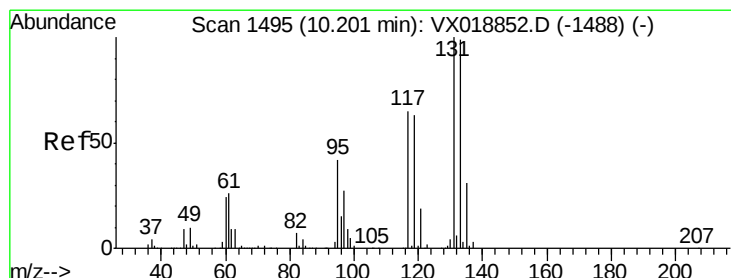
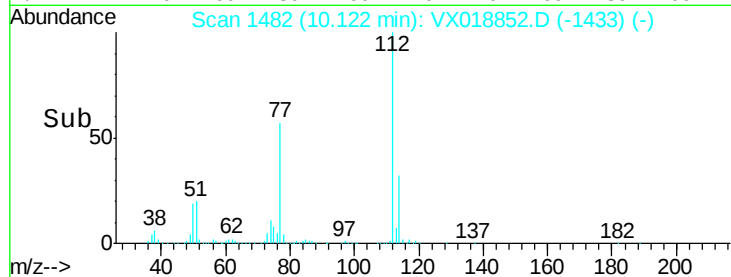
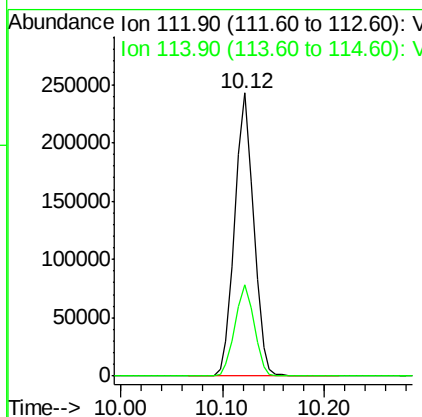
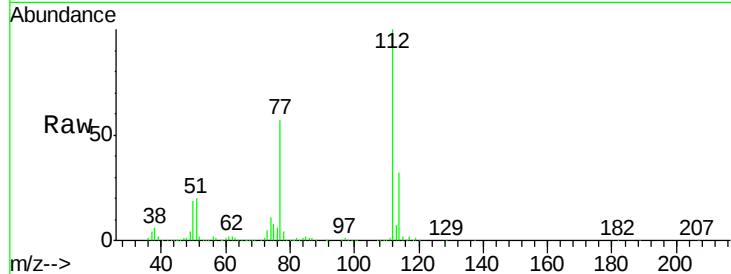
#65
Chlorobenzene
Concen: 51.142 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 310503
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

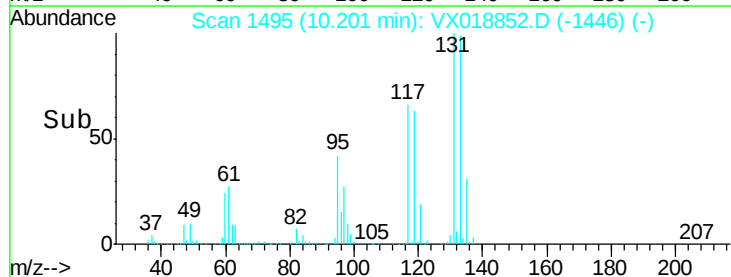
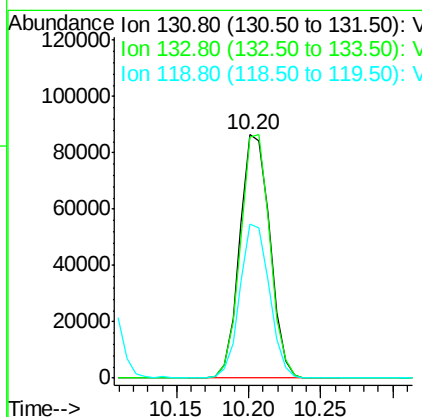
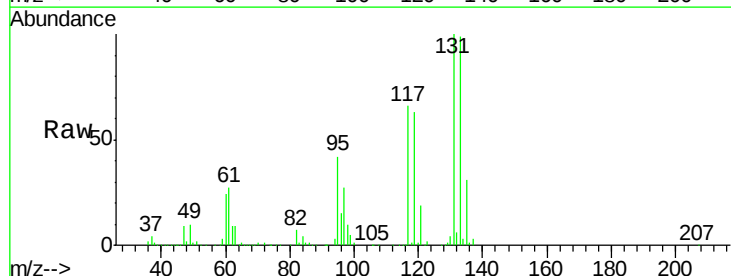
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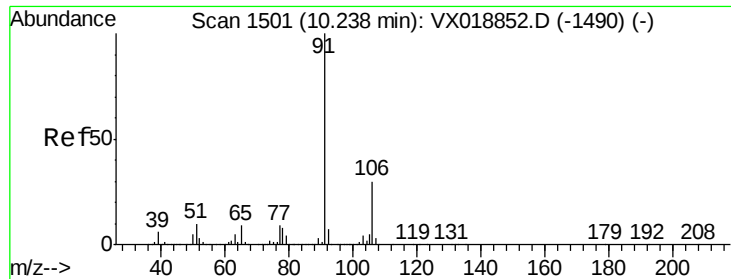
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.590 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion:131 Resp: 125773
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.8
119 62.2 31.1 93.3





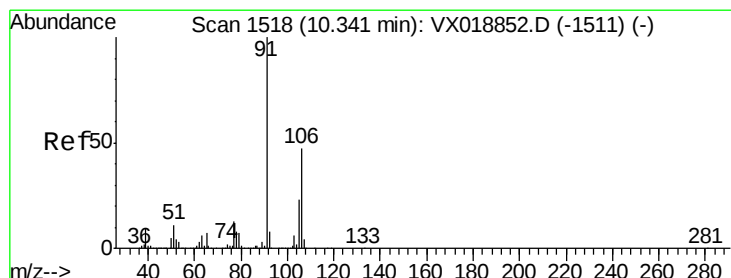
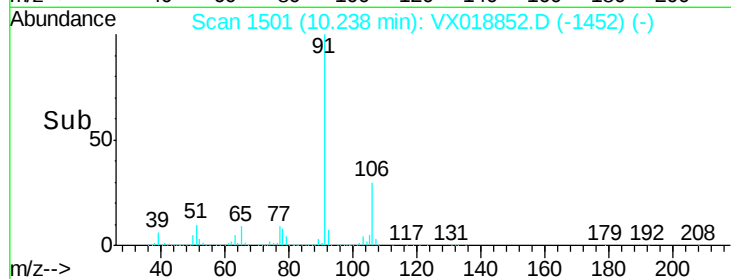
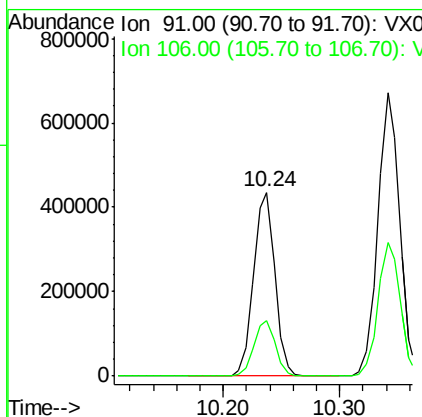
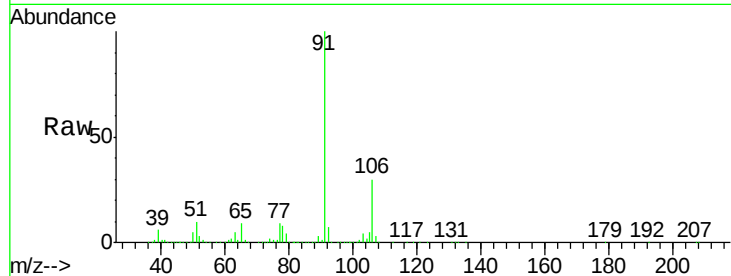
#67
Ethyl Benzene
Concen: 52.922 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 556934
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

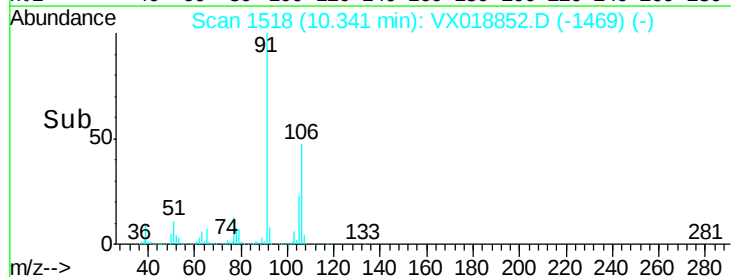
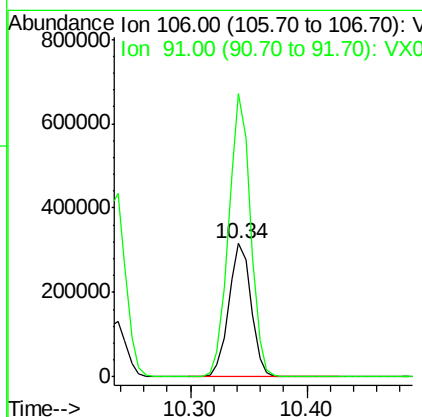
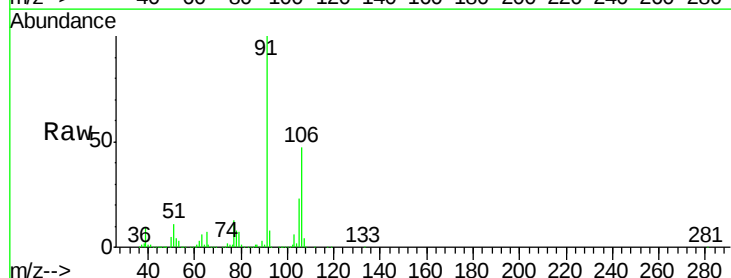
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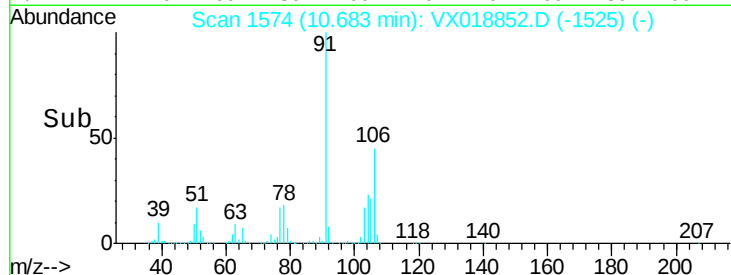
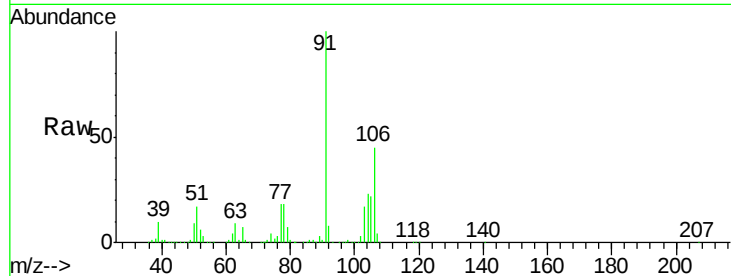
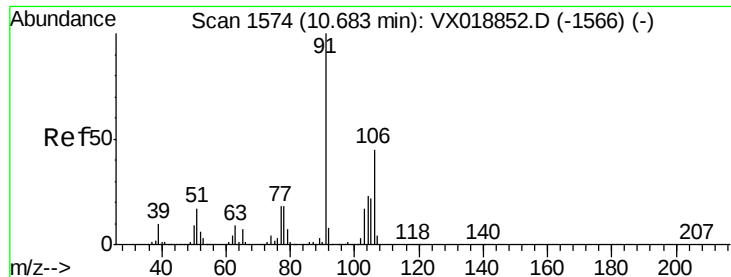
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#68
m/p-Xylenes
Concen: 105.976 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 106 Resp: 422921
Ion Ratio Lower Upper
106 100
91 207.0 165.6 248.4





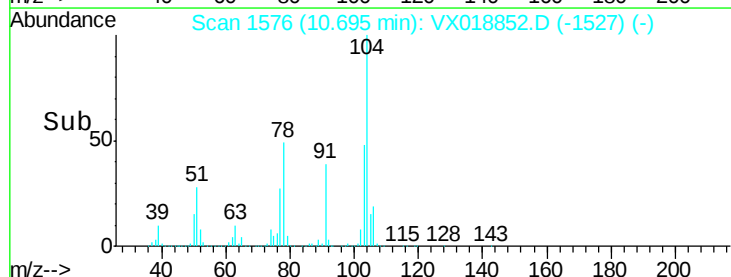
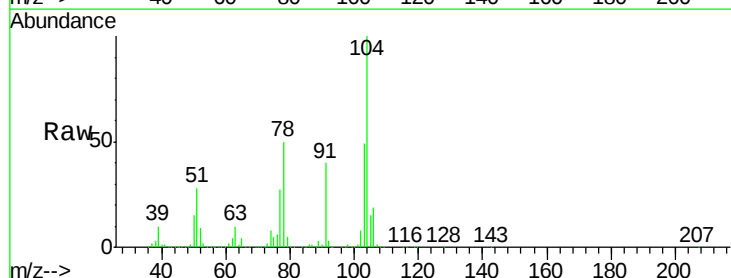
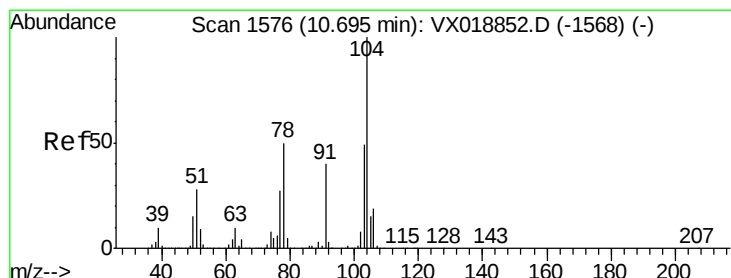
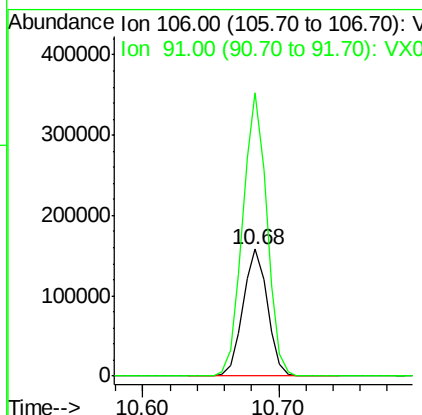
#69
o-Xylene
Concen: 52.825 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	198985		
91	219.7	109.9	329.6	

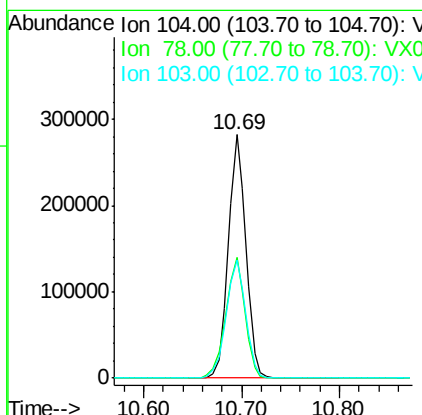
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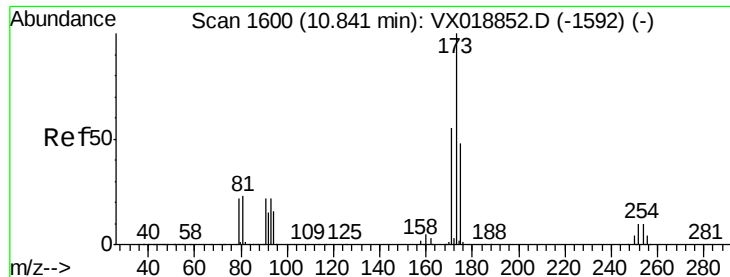
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#70
Styrene
Concen: 54.031 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	350765		
78	54.4	43.5	65.3	
103	54.1	43.3	64.9	





#71

Bromoform

Concen: 54.428 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 112067

Ion Ratio Lower Upper

173 100

175 46.7 23.4 70.0

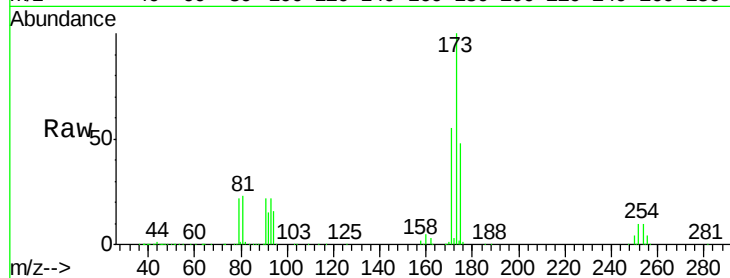
254 0.0 0.0 0.0#

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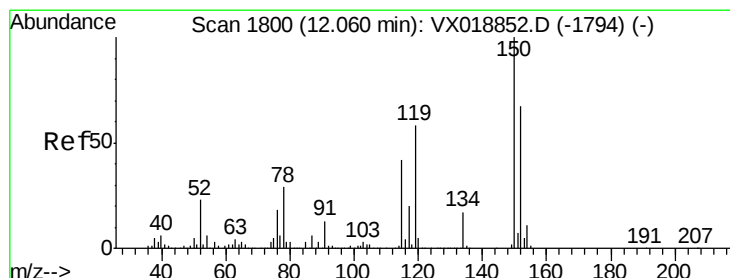
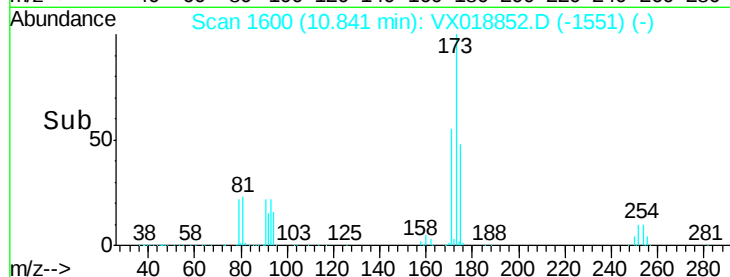
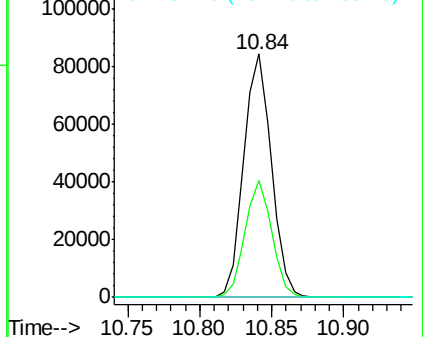
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

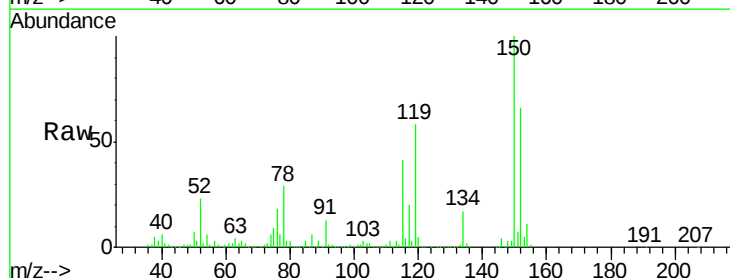
Tgt Ion:152 Resp: 165718

Ion Ratio Lower Upper

152 100

115 83.6 41.8 125.4

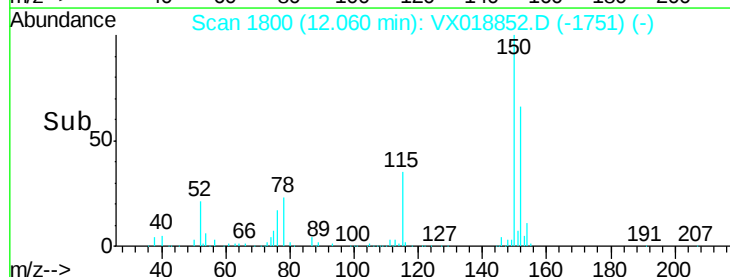
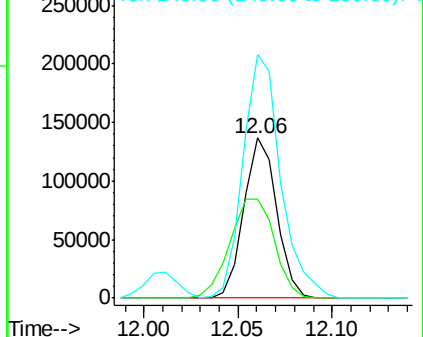
150 173.8 0.0 347.6

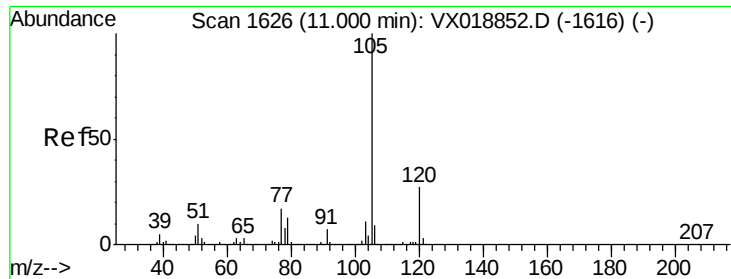


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.148 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 567671

Ion Ratio Lower Upper

105 100

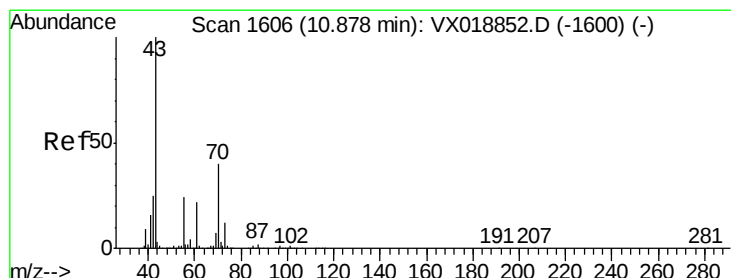
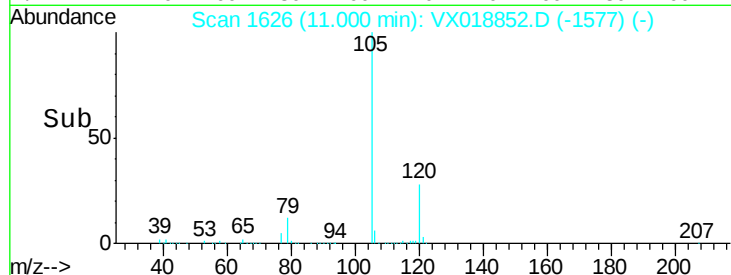
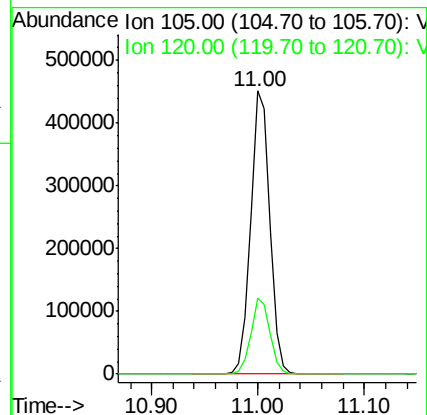
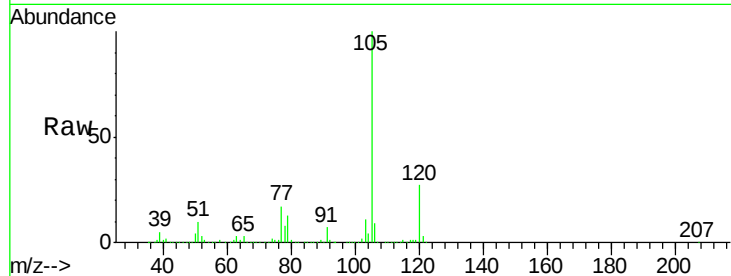
120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 47.512 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion: 43 Resp: 233100

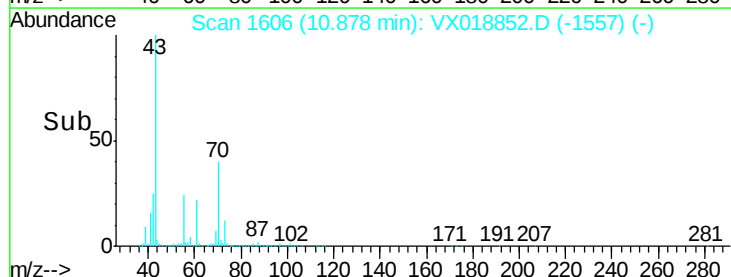
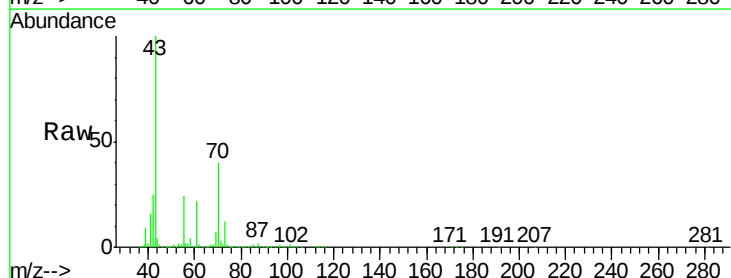
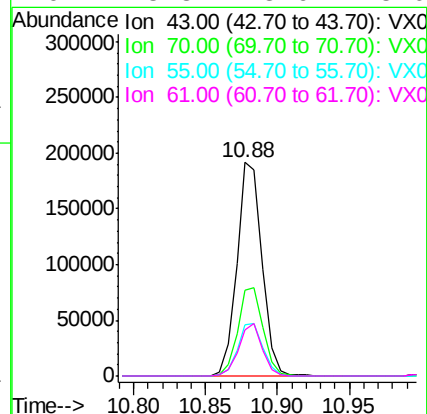
Ion Ratio Lower Upper

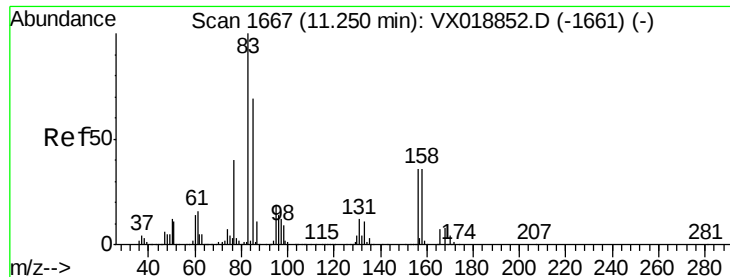
43 100

70 42.1 33.7 50.5

55 24.8 19.8 29.8

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.370 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 172387
Ion Ratio Lower Upper

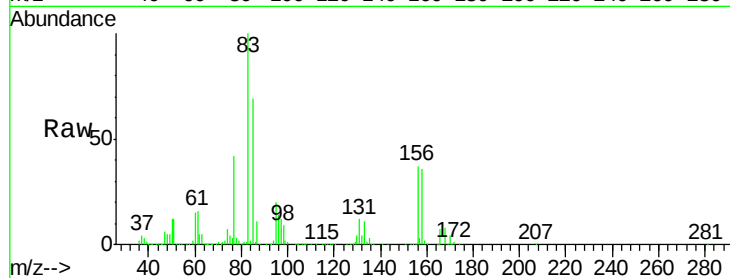
83 100

131 11.9 5.9 17.8

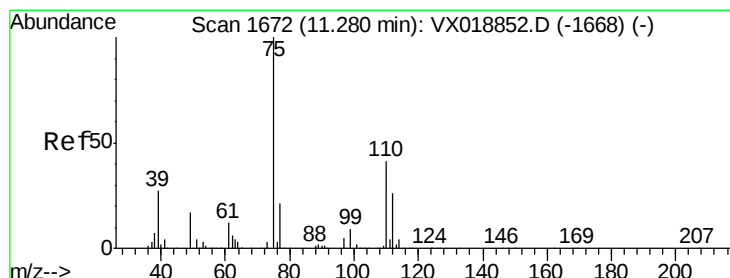
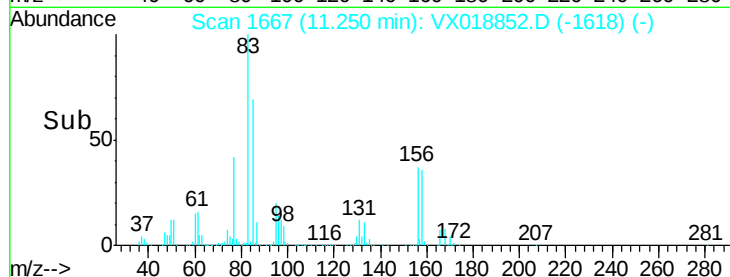
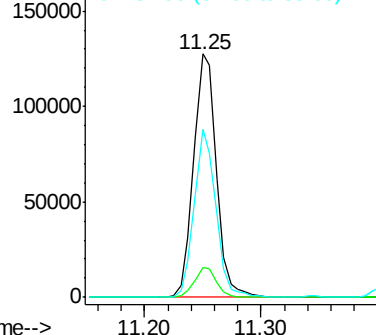
85 65.9 33.0 98.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.244 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

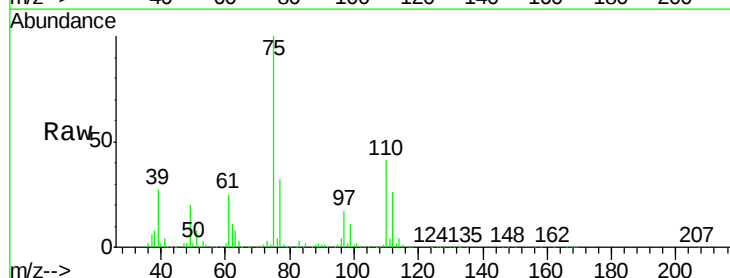
Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

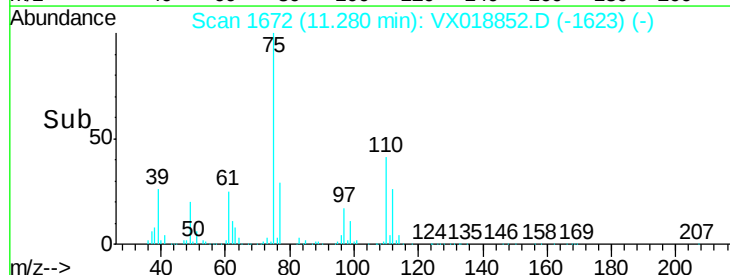
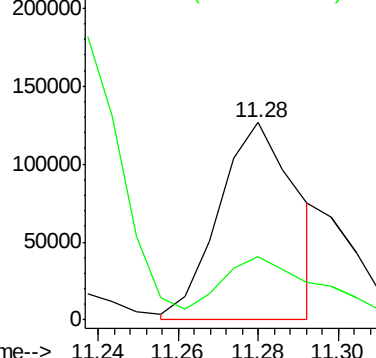
Tgt Ion: 75 Resp: 171107
Ion Ratio Lower Upper

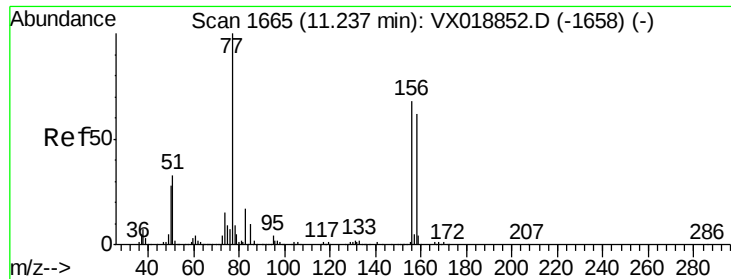
75 100

77 40.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.097 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 150226

Ion Ratio Lower Upper

156 100

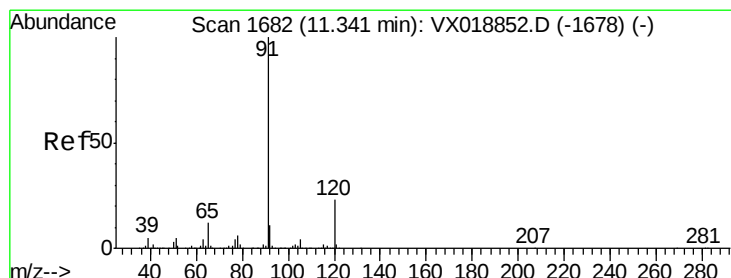
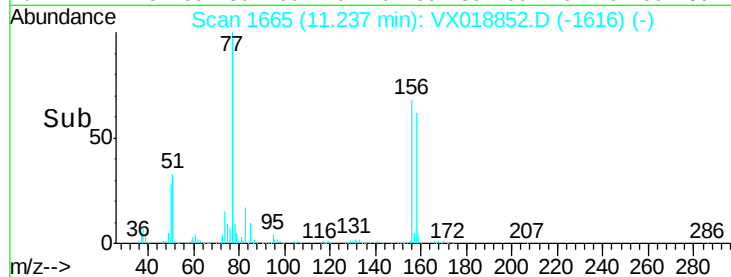
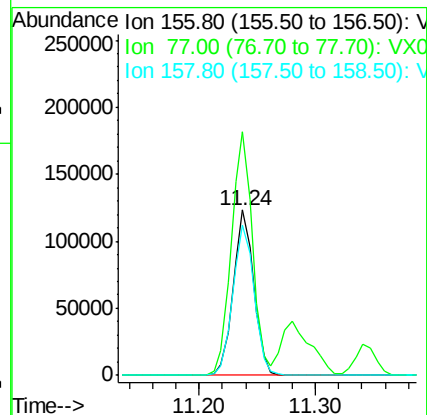
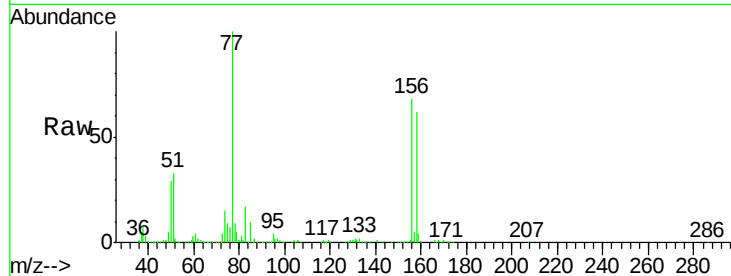
77 152.1 76.0 228.1

158 94.4 47.2 141.6

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#78

n-propylbenzene

Concen: 49.843 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018852.D

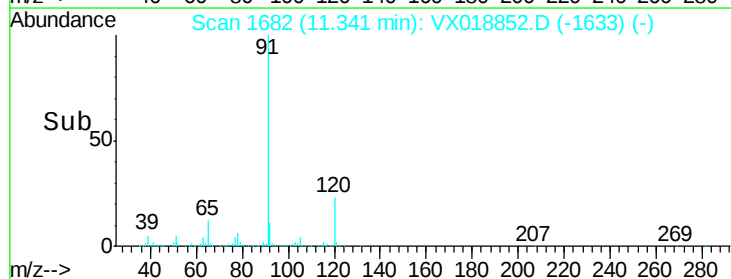
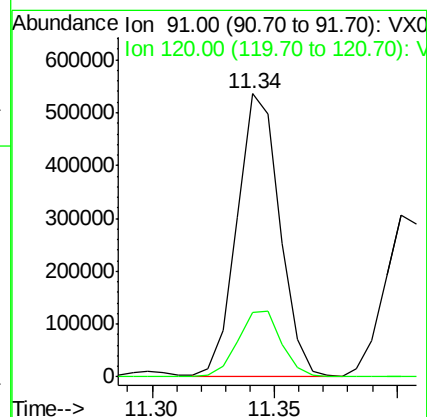
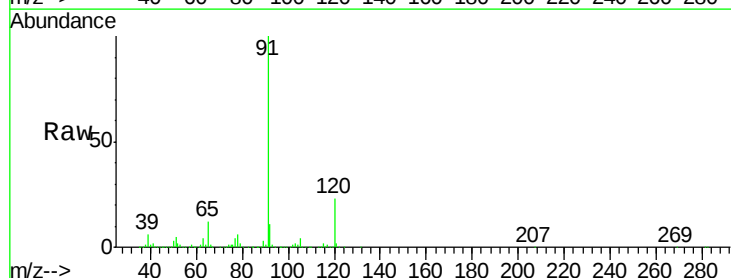
Acq: 09 Oct 2020 12:25

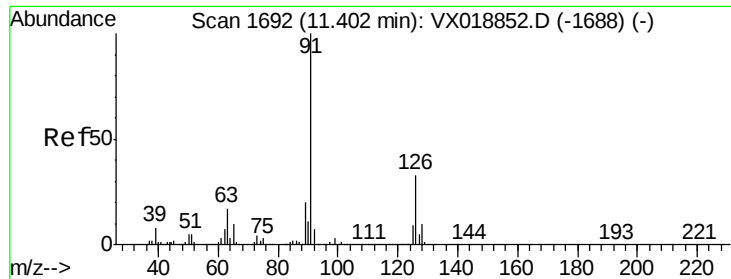
Tgt Ion: 91 Resp: 643550

Ion Ratio Lower Upper

91 100

120 24.0 12.0 36.0





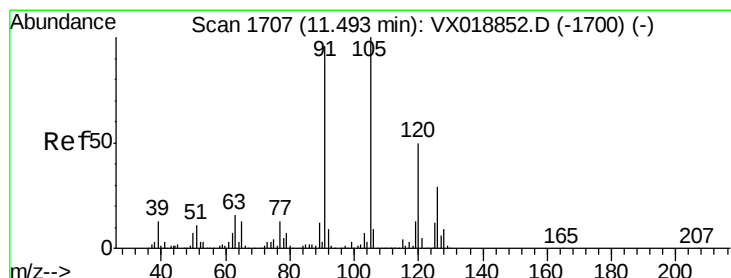
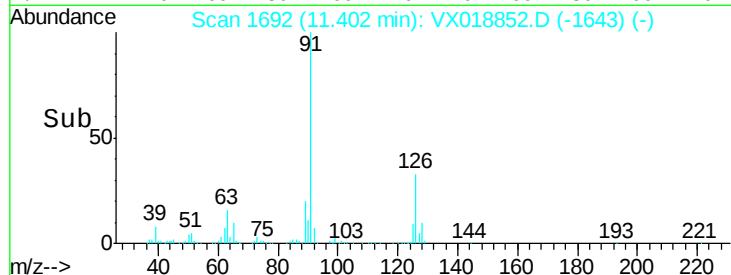
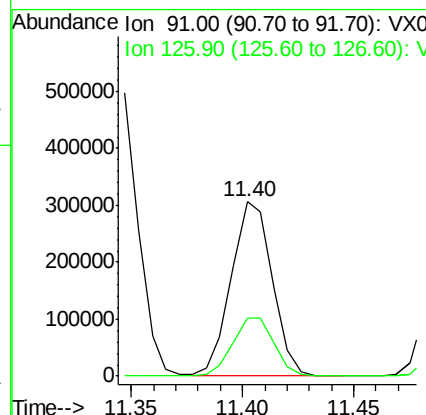
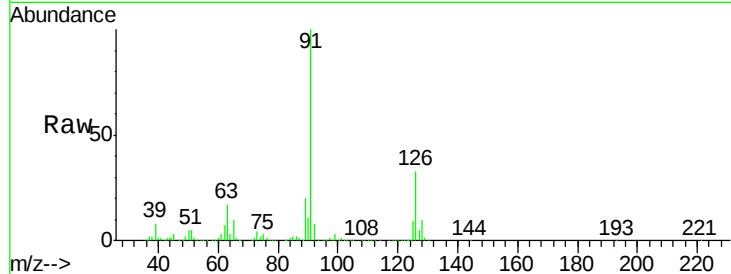
#79
2-Chlorotoluene
Concen: 49.969 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 391686
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3

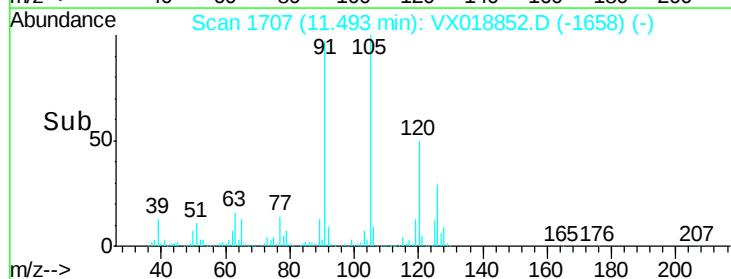
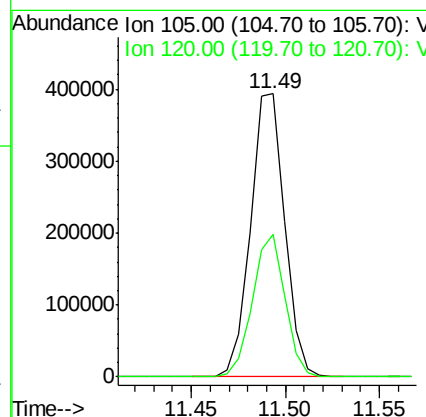
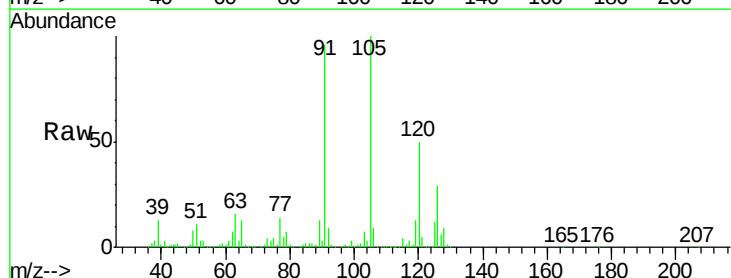
Manual Integrations
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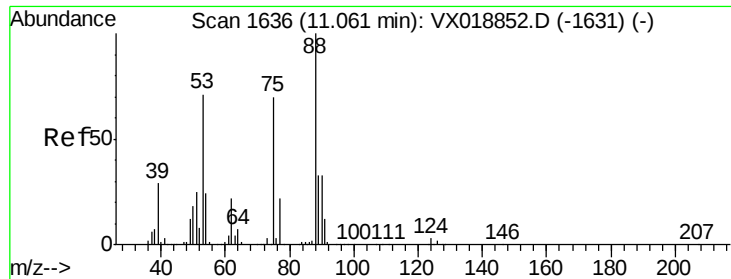
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 51.871 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 105 Resp: 493034
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8





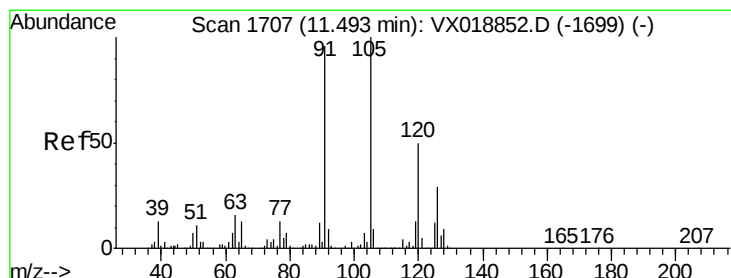
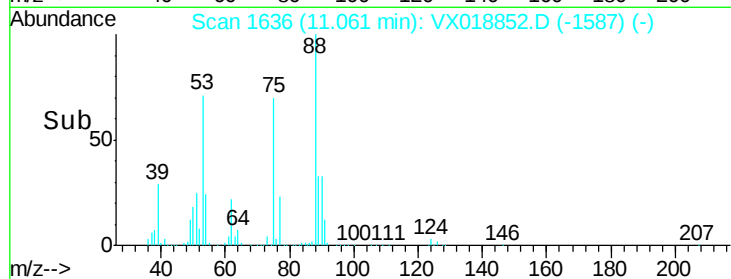
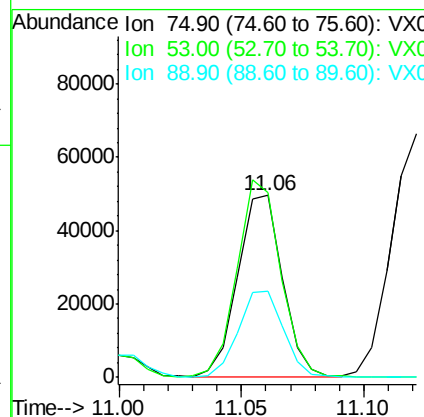
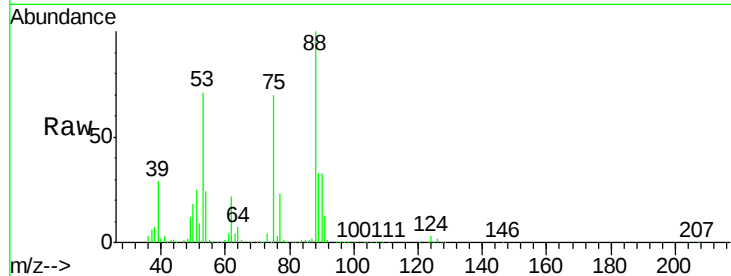
#81
trans-1,4-Dichloro-2-butene
Concen: 47.010 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.2	85.0	127.4
89	48.7	39.0	58.4

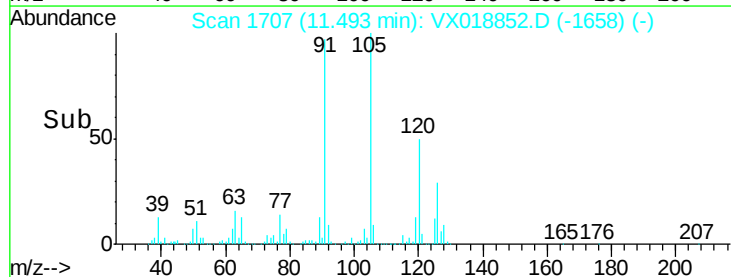
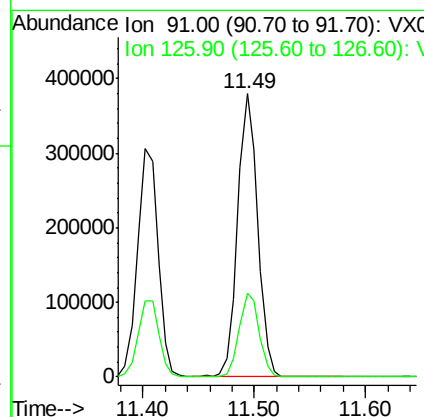
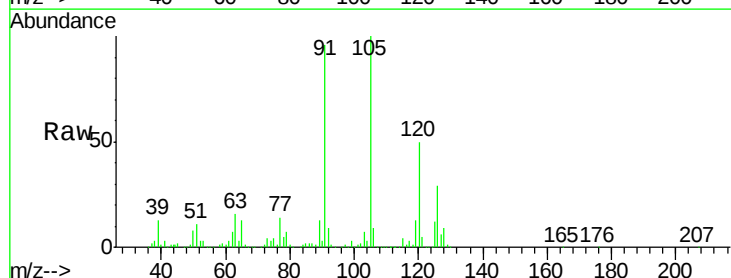
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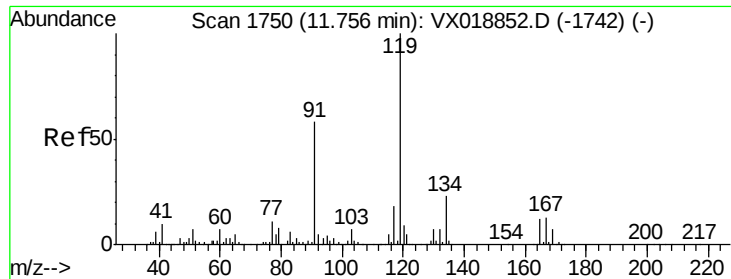
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.431 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.7





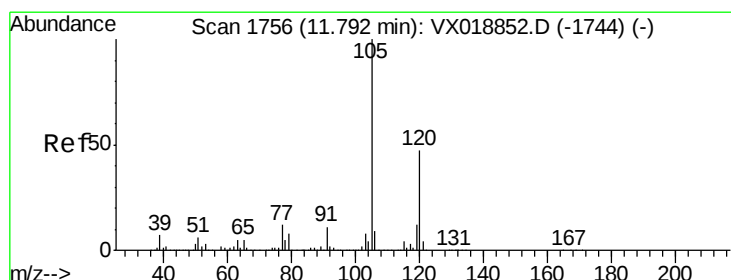
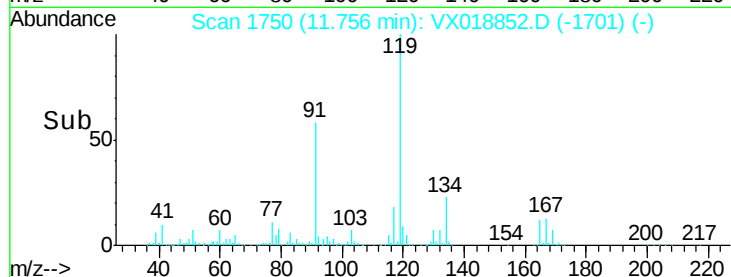
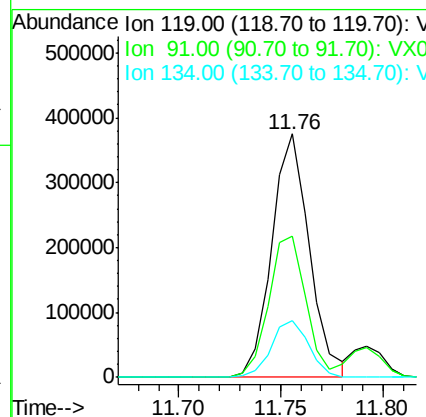
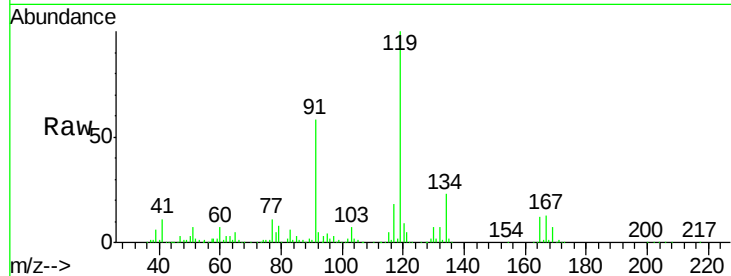
#83
tert-Butylbenzene
Concen: 52.191 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.6	85.9
134	23.3	11.7	35.0

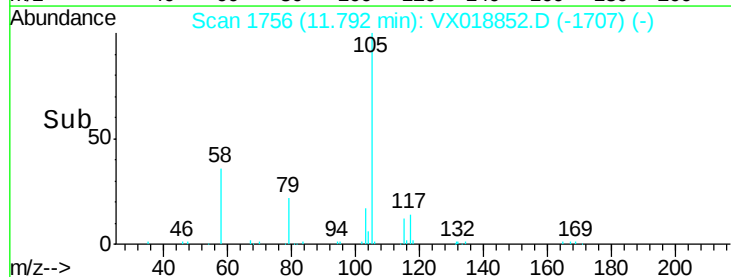
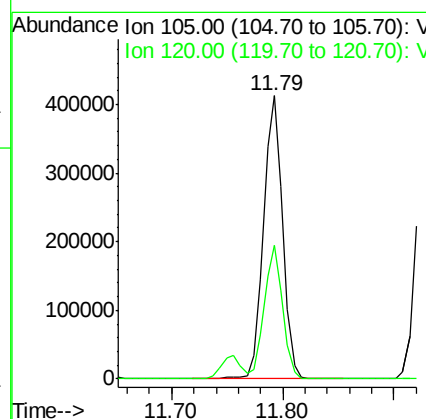
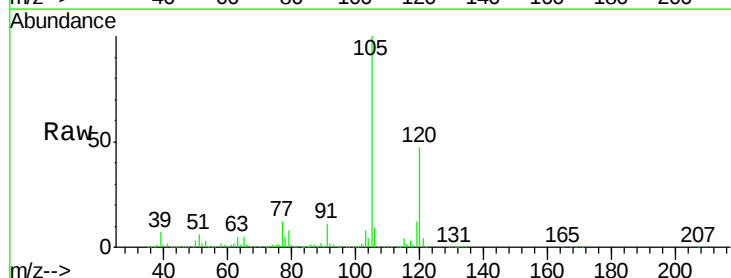
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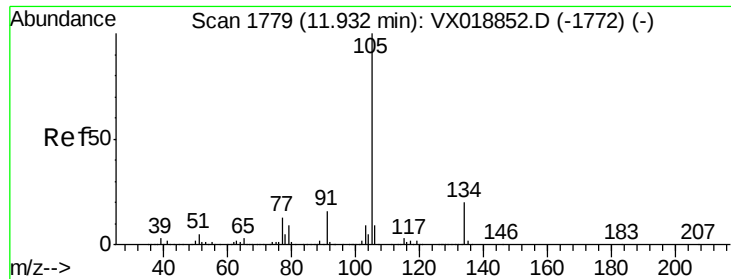
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.837 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





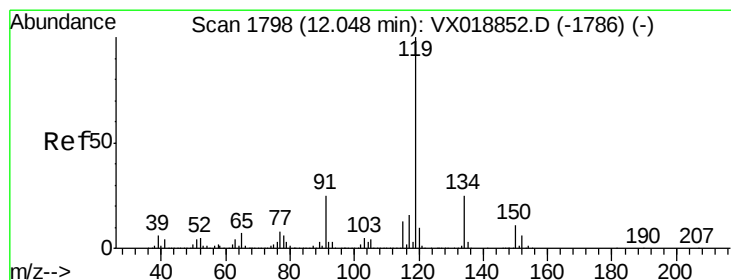
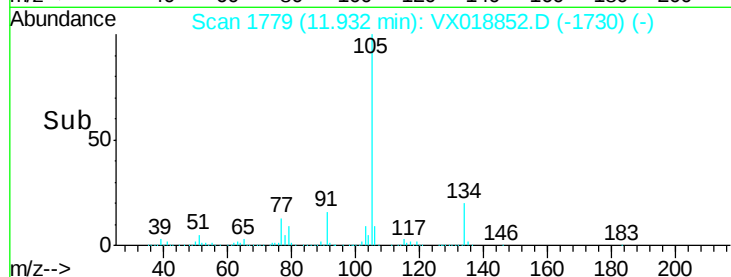
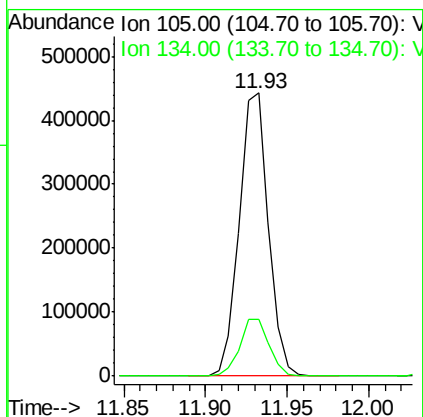
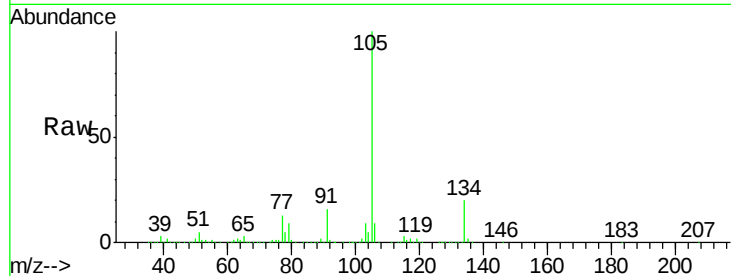
#85
 sec-Butylbenzene
 Concen: 50.727 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4

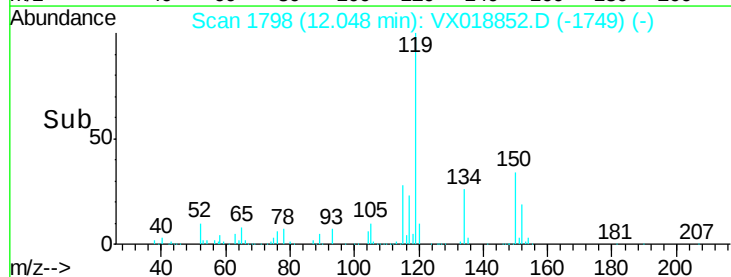
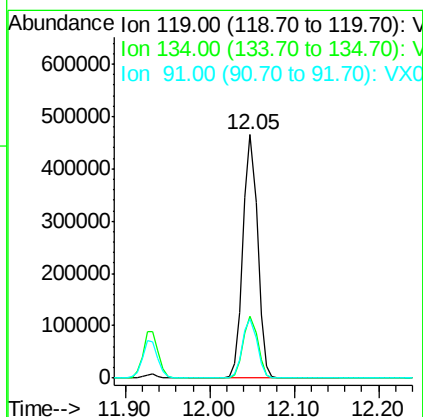
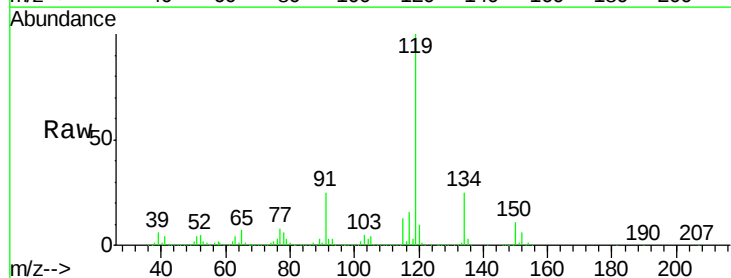
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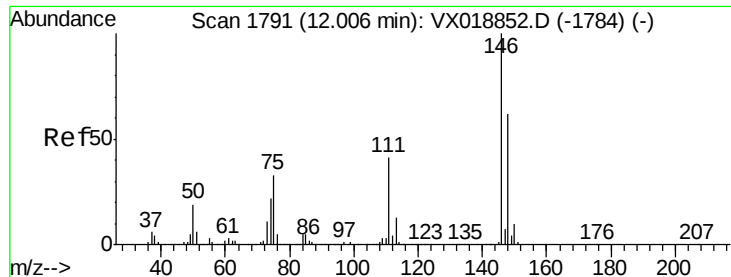
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#86
 p-Isopropyltoluene
 Concen: 53.233 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	24.6	12.3	36.9





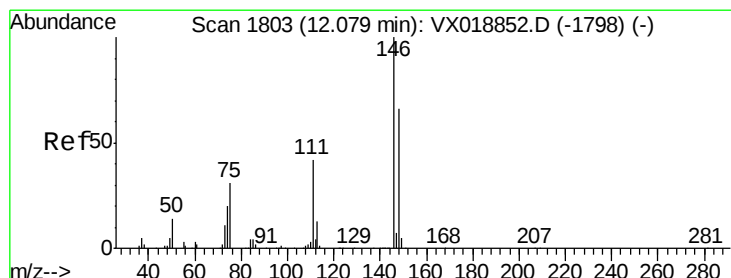
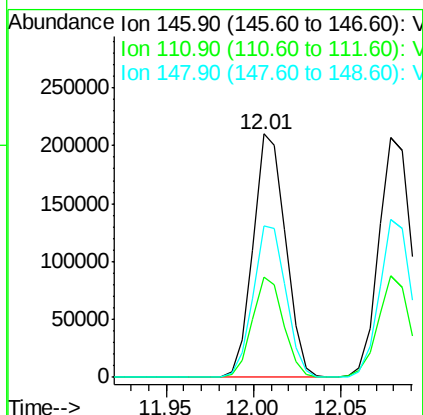
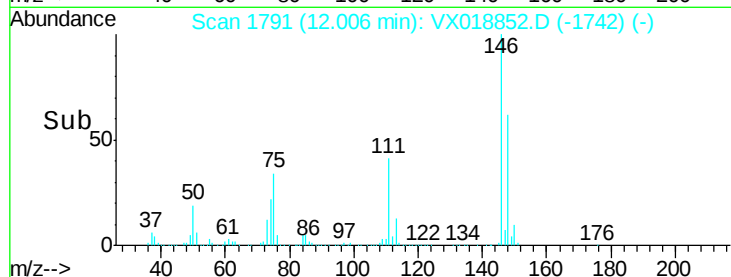
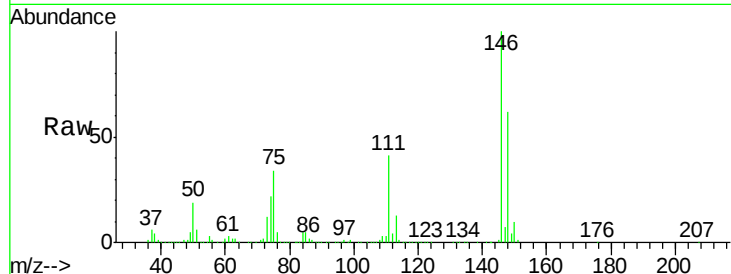
#87
 1,3-Dichlorobenzene
 Concen: 49.302 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	62.9	31.4	94.3

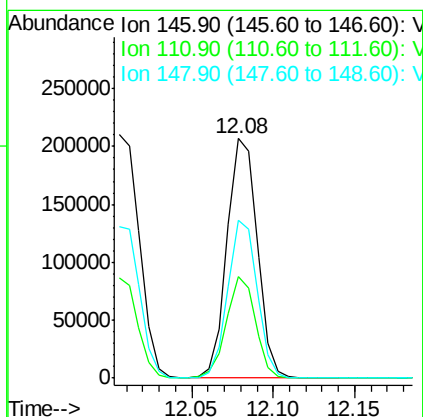
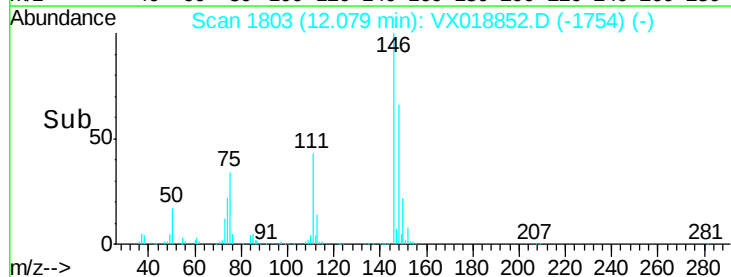
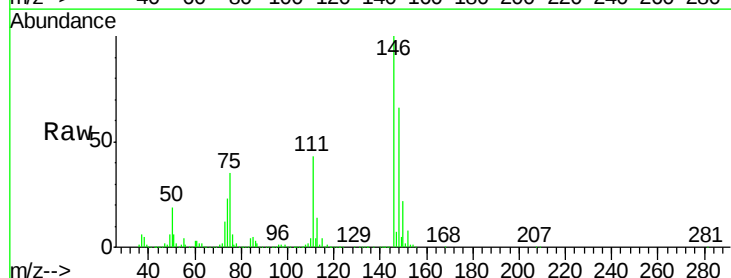
Manual Integrations
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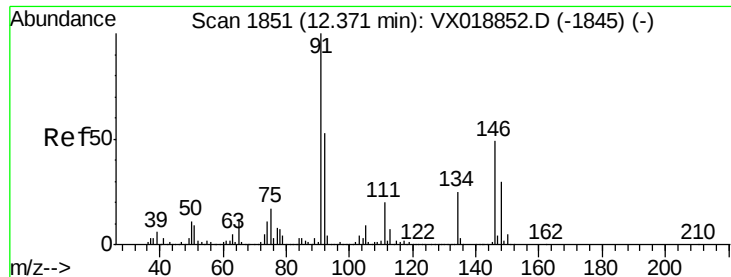
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#88
 1,4-Dichlorobenzene
 Concen: 47.923 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	64.4	32.2	96.6





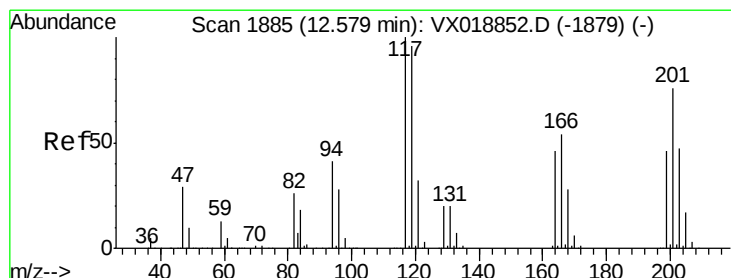
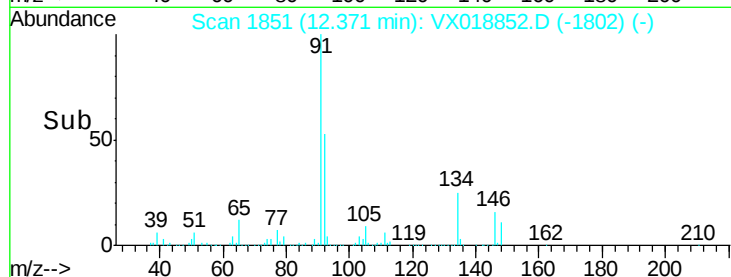
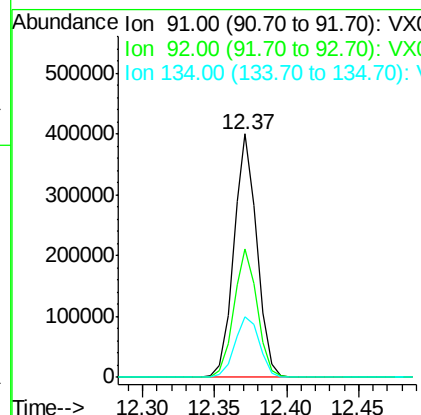
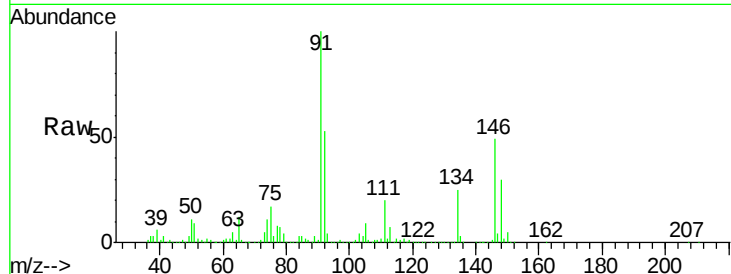
#89
n-Butylbenzene
Concen: 49.167 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	26.9	13.5	40.4

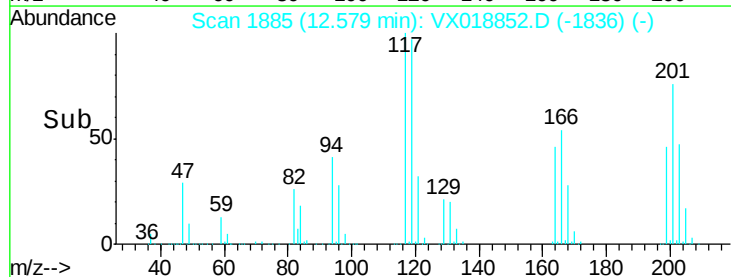
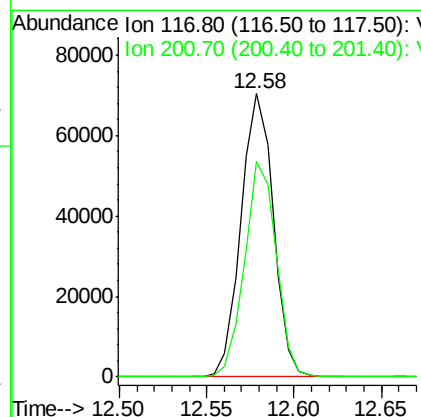
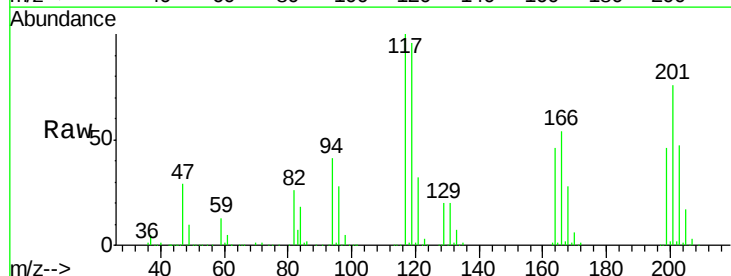
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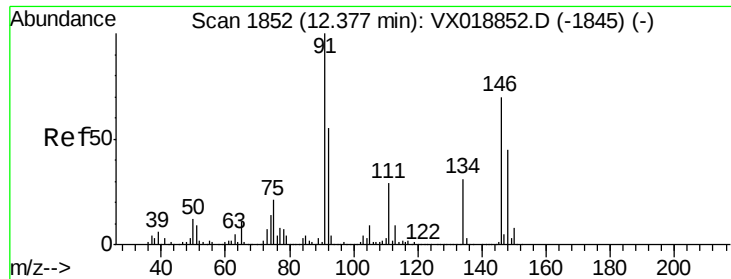
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#90
Hexachloroethane
Concen: 46.126 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	37.4	112.2





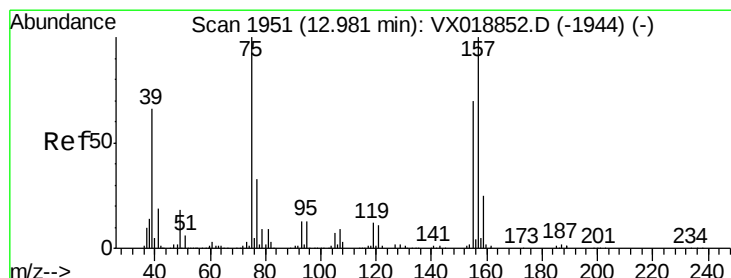
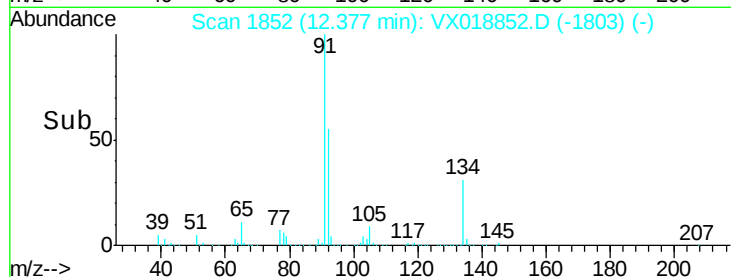
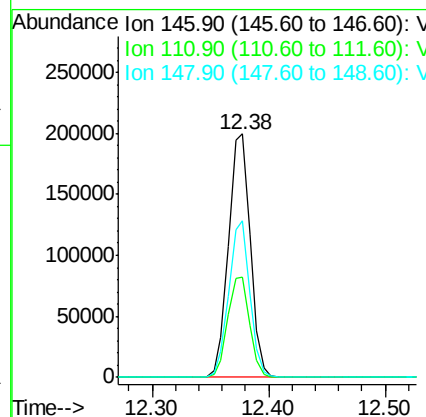
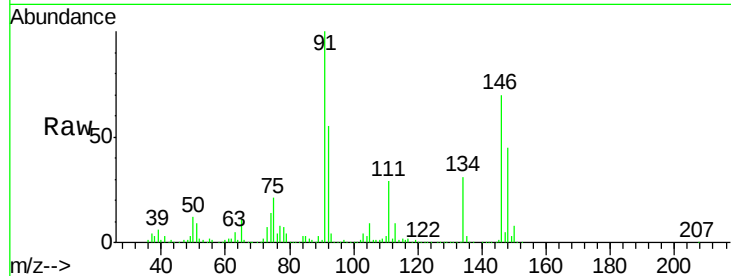
#91
 1,2-Dichlorobenzene
 Concen: 50.067 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	258513		
111	41.3	20.6	61.9	
148	62.1	31.1	93.2	

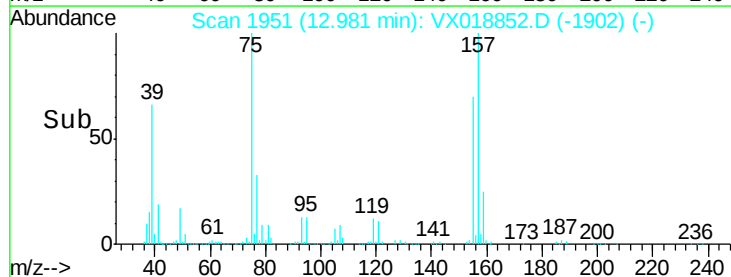
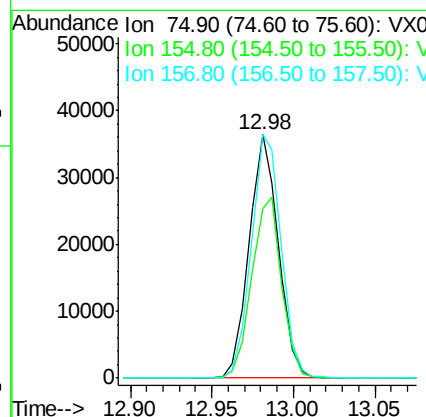
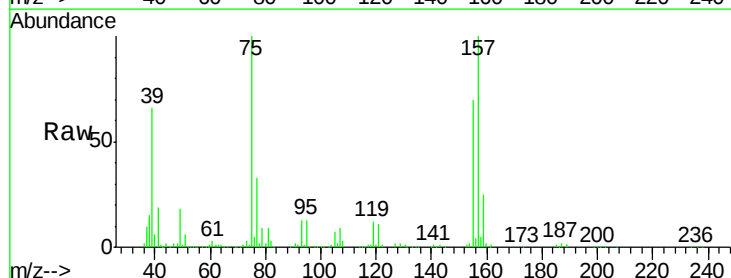
Manual Integrations
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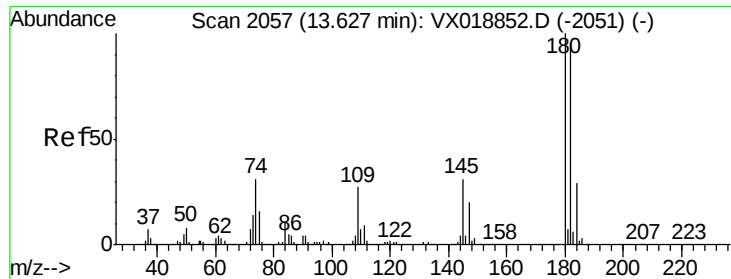
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.120 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45483		
155	75.9	38.0	113.9	
157	101.8	50.9	152.7	





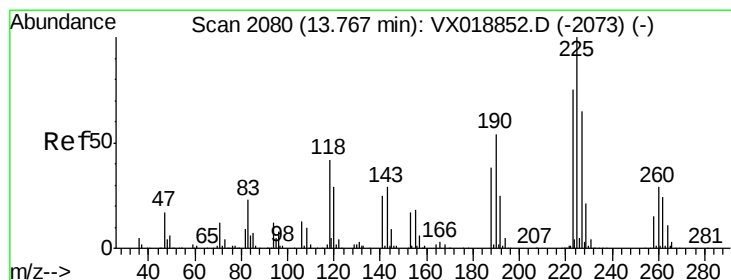
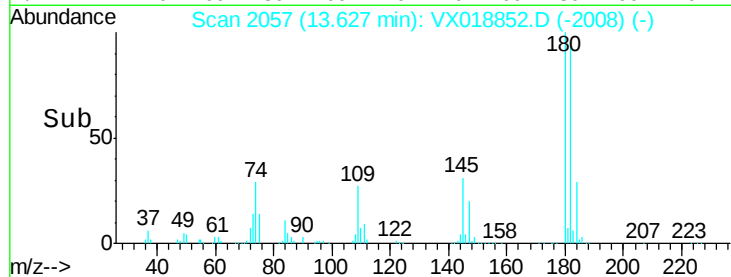
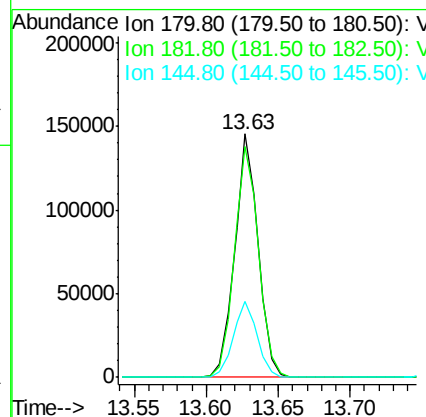
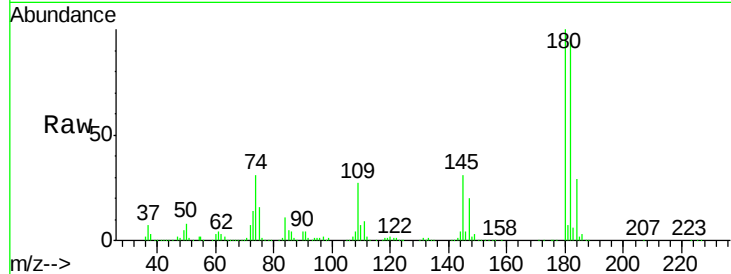
#93
1,2,4-Trichlorobenzene
Concen: 46.614 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165950		
182	98.2	49.1	147.3	
145	32.0	16.0	48.0	

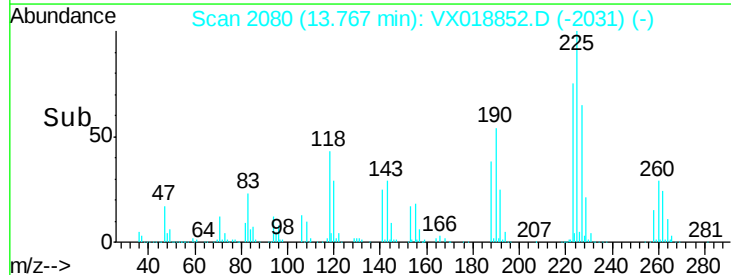
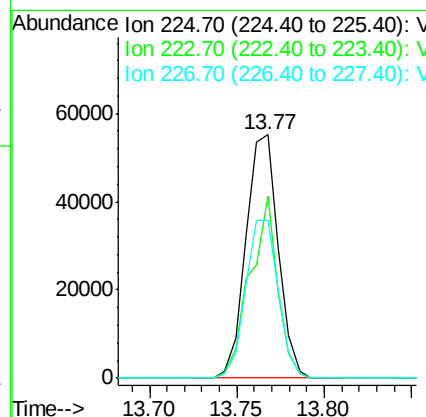
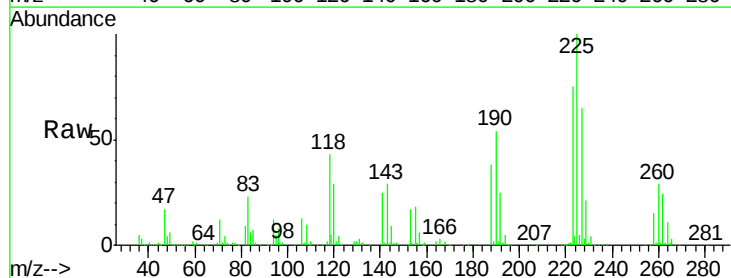
Manual Integrations
APPROVED

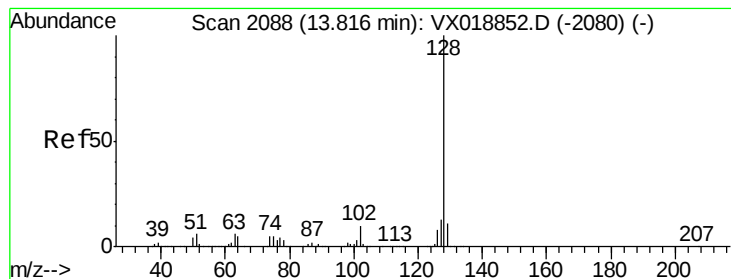
MMDadoda
10/12/2020 2:23:23 PM



#94
Hexachlorobutadiene
Concen: 47.293 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70753		
223	64.2	32.1	96.3	
227	65.9	33.0	98.9	





#95

Naphthalene

Concen: 50.739 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

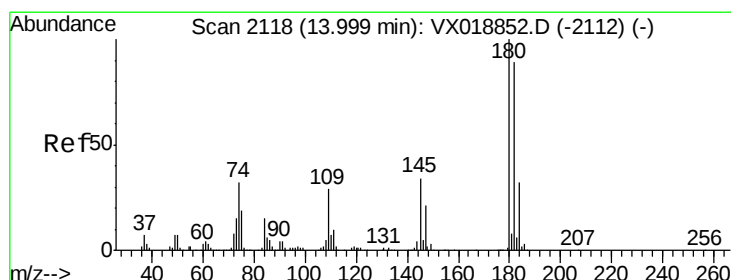
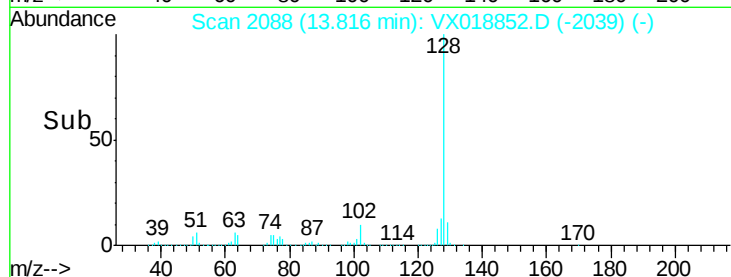
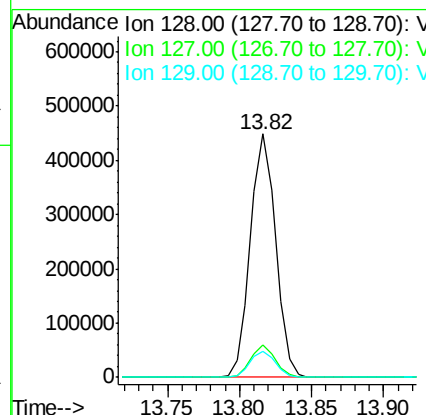
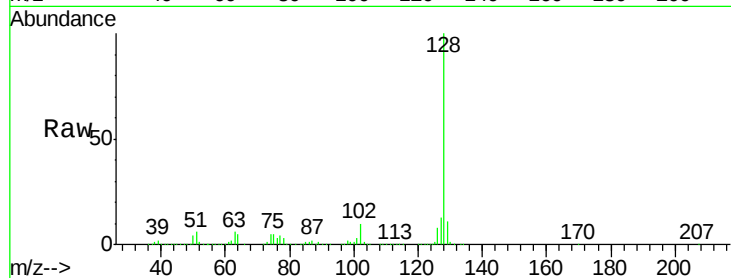
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	545080
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.042 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion:	180	Resp:	167260
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.7	143.1
145	33.3	16.7	50.0

