

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019136.D
 Acq On : 27 Oct 2020 14:53
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:01 PM

Quant Time: Oct 28 02:34:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	291996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	469253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168568	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.46	113	136701	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	8.70	98	517912	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.12	95	195301	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	128100	52.624	ug/l	99
3) Chloromethane	1.31	50	133315	49.021	ug/l	98
4) Vinyl Chloride	1.39	62	162524	51.531	ug/l	100
5) Bromomethane	1.63	94	101144	46.959	ug/l	99
6) Chloroethane	1.71	64	102967	51.133	ug/l	96
7) Trichlorofluoromethane	1.92	101	258461	52.163	ug/l	94
8) Diethyl Ether	2.17	74	99876	52.521	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146265	53.257	ug/l	99
10) Methyl Iodide	2.49	142	154180	47.872	ug/l	99
11) Tert butyl alcohol	3.01	59	187887	252.615	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145883	51.547	ug/l	96
13) Acrolein	2.27	56	77134	232.361	ug/l	99
14) Allyl chloride	2.70	41	221799	51.743	ug/l	99
15) Acrylonitrile	3.11	53	402003	257.212	ug/l	99
16) Acetone	2.42	43	339102	261.031	ug/l	98
17) Carbon Disulfide	2.55	76	411610	51.008	ug/l	100
18) Methyl Acetate	2.75	43	158075	50.039	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	519641	52.993	ug/l	99
20) Methylene Chloride	2.83	84	164491	50.436	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	166534	51.129	ug/l	99
22) Diisopropyl ether	3.82	45	452524	52.953	ug/l	98
23) Vinyl Acetate	3.78	43	2030899	266.495	ug/l	99
24) 1,1-Dichloroethane	3.67	63	279678	52.417	ug/l	99
25) 2-Butanone	4.63	43	543401	265.415	ug/l	100
26) 2,2-Dichloropropane	4.54	77	267107	53.251	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	188177	51.702	ug/l	99
28) Bromochloromethane	4.97	49	117300	48.358	ug/l	99
29) Tetrahydrofuran	5.08	42	340501	263.906	ug/l	100
30) Chloroform	5.17	83	296394	52.188	ug/l	98
31) Cyclohexane	5.54	56	246785	51.845	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	273074	53.034	ug/l	99
36) 1,1-Dichloropropene	5.76	75	230095	53.100	ug/l	100
37) Ethyl Acetate	4.79	43	212028	52.701	ug/l	100
38) Carbon Tetrachloride	5.75	117	237592	53.792	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	285217	55.048	ug/l	99
40) Benzene	6.10	78	655833	53.380	ug/l	99
41) Methacrylonitrile	4.99	41	111333	51.385	ug/l	98
42) 1,2-Dichloroethane	6.15	62	238156	52.597	ug/l	99
43) Isopropyl Acetate	6.40	43	355733	52.806	ug/l	100
44) Trichloroethene	7.18	130	186708	53.063	ug/l	97
45) 1,2-Dichloropropane	7.48	63	163133	54.210	ug/l	98
46) Dibromomethane	7.63	93	116337	52.280	ug/l	99
47) Bromodichloromethane	7.87	83	238340	54.340	ug/l	99
48) Methyl methacrylate	7.74	41	173924	53.640	ug/l	100
49) 1,4-Dioxane	7.72	88	79915	1108.271	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1046028	270.159	ug/l	100
52) Toluene	8.76	92	427790	54.062	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	271521	54.199	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	288320	54.730	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166830	53.360	ug/l	99
56) Ethyl methacrylate	9.16	69	260259	55.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	282362	53.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626701	237.290	ug/l	100
59) 2-Hexanone	9.47	43	806603	273.673	ug/l	100
60) Dibromochloromethane	9.56	129	185783	54.754	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178343	53.343	ug/l	100
64) Tetrachloroethene	9.32	164	166291	51.453	ug/l	96
65) Chlorobenzene	10.12	112	450682	51.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	166121	53.222	ug/l	98
67) Ethyl Benzene	10.23	91	821422	53.169	ug/l	99
68) m/p-Xylenes	10.34	106	628638	108.415	ug/l	100
69) o-Xylene	10.68	106	296529	53.916	ug/l	98
70) Styrene	10.70	104	506159	53.939	ug/l	100
71) Bromoform	10.84	173	134187	54.223	ug/l	99
73) Isopropylbenzene	11.00	105	801220	52.630	ug/l	100
74) N-amyl acetate	10.88	43	296592	53.284	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	251095	52.775	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235673m	53.071	ug/l	
77) Bromobenzene	11.24	156	194551	51.491	ug/l	98
78) n-propylbenzene	11.34	91	932172	53.640	ug/l	100
79) 2-Chlorotoluene	11.40	91	536198	52.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	687893	53.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	86457	51.262	ug/l	99
82) 4-Chlorotoluene	11.49	91	651210	52.122	ug/l	100
83) tert-Butylbenzene	11.76	119	667661	54.218	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	687180	52.926	ug/l	100
85) sec-Butylbenzene	11.93	105	805423	54.533	ug/l	99
86) p-Isopropyltoluene	12.05	119	745856	54.713	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	366085	52.028	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	373364	50.975	ug/l	99
89) n-Butylbenzene	12.37	91	695376	54.268	ug/l	99
90) Hexachloroethane	12.58	117	126448	54.572	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	355324	52.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60849	52.243	ug/l	99

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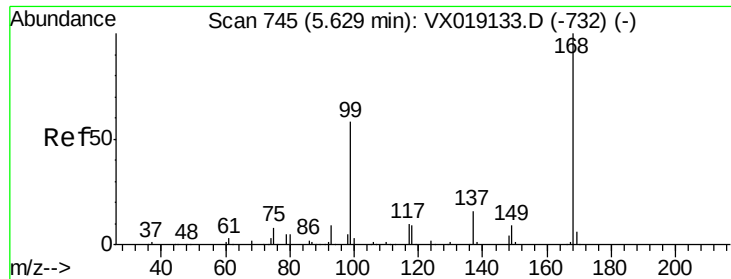
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	261394	51.506	ug/l	99
94) Hexachlorobutadiene	13.76	225	118921	53.232	ug/l	99
95) Naphthalene	13.82	128	822466	51.456	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	254419	51.676	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion:168 Resp: 291996

Ion Ratio Lower Upper

168 100

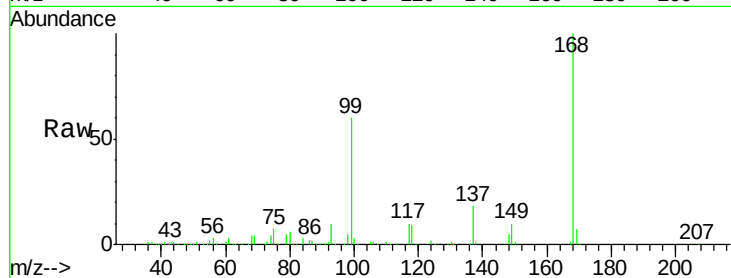
99 59.6 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

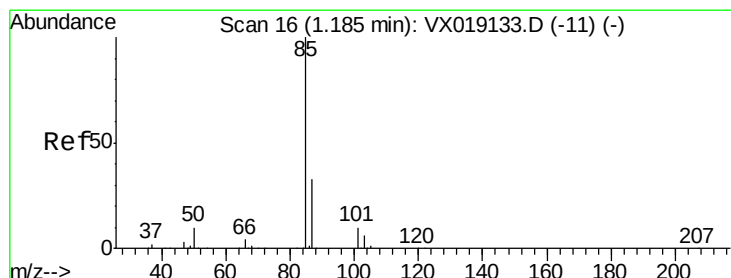
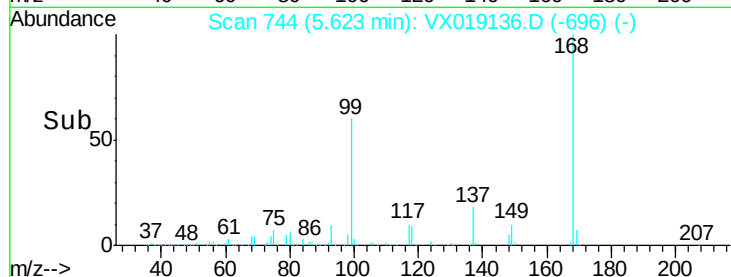
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.624 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019136.D

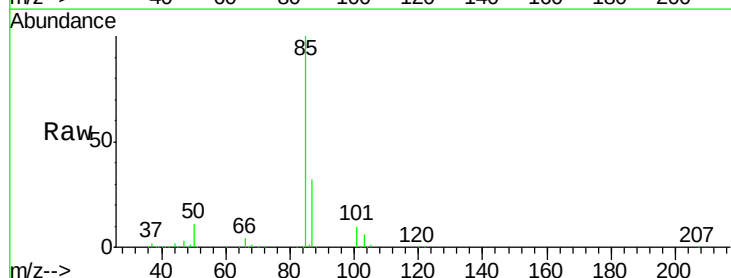
Acq: 27 Oct 2020 14:53

Tgt Ion: 85 Resp: 128100

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

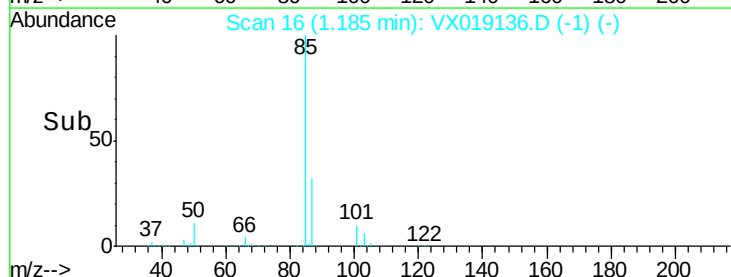
100000

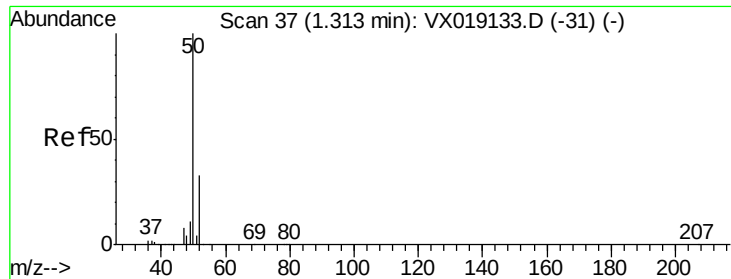
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.021 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 50 Resp: 133315

Ion Ratio Lower Upper

50 100

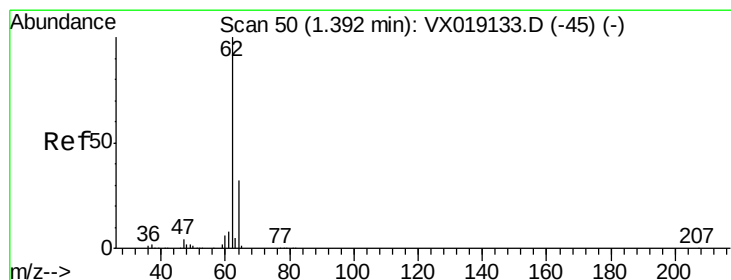
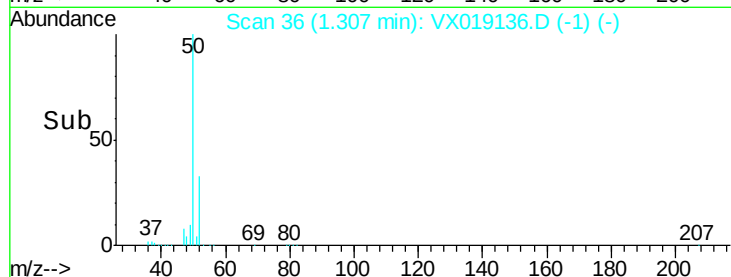
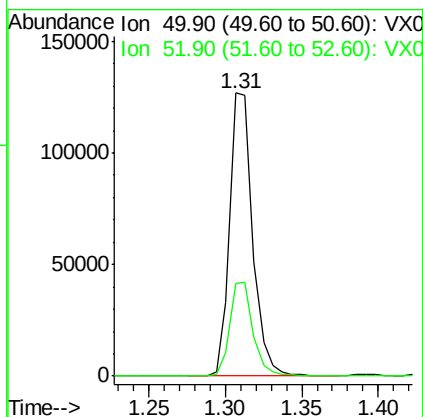
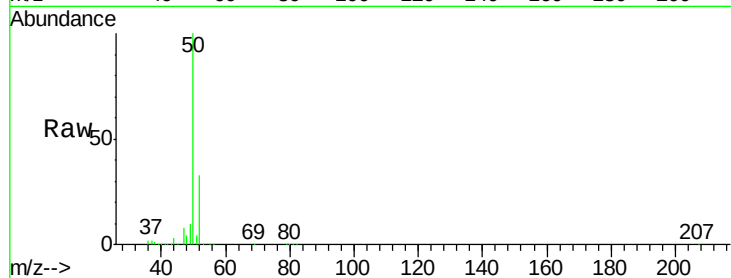
52 32.6 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.531 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019136.D

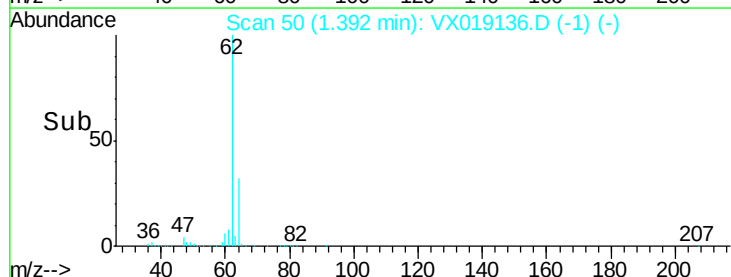
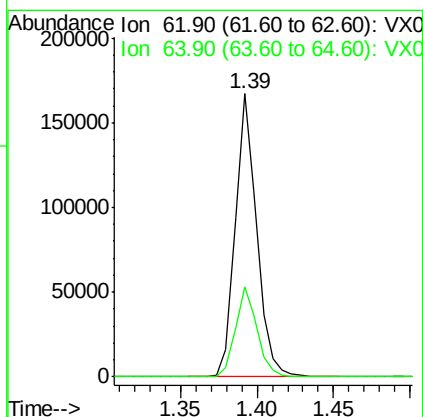
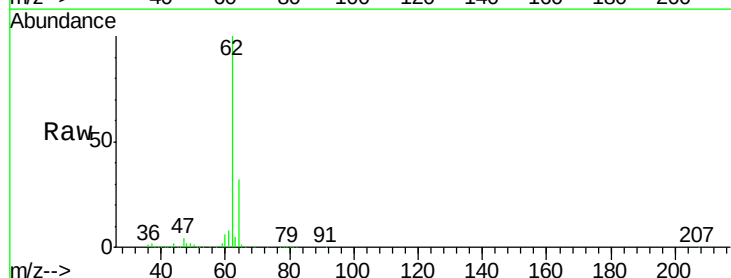
Acq: 27 Oct 2020 14:53

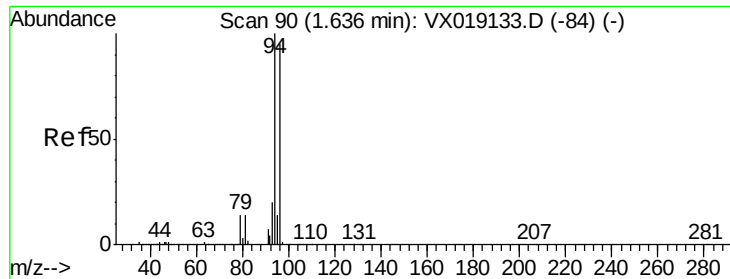
Tgt Ion: 62 Resp: 162524

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 46.959 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 94 Resp: 101144

Ion Ratio Lower Upper

94 100

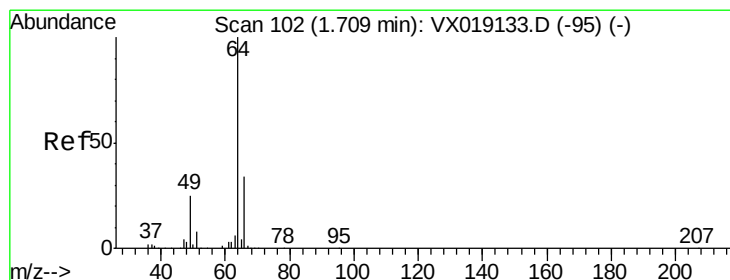
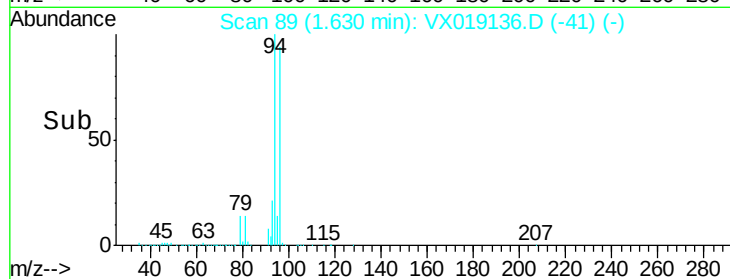
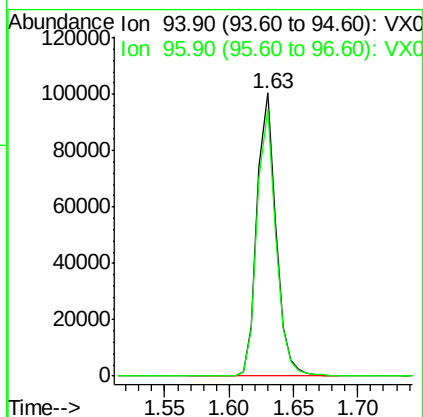
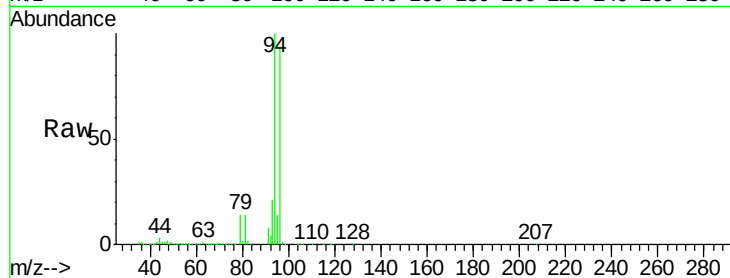
96 94.0 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 51.133 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019136.D

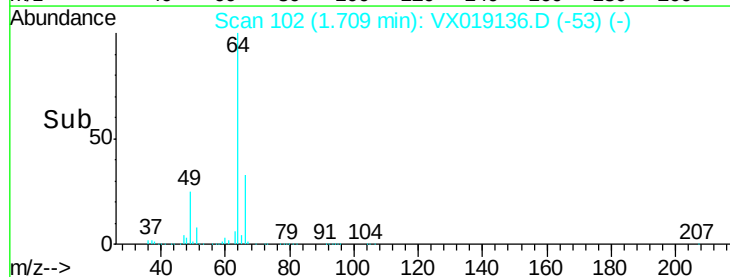
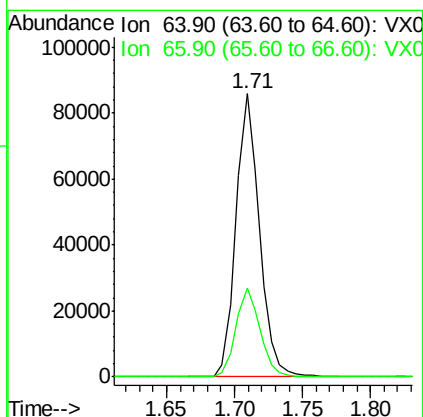
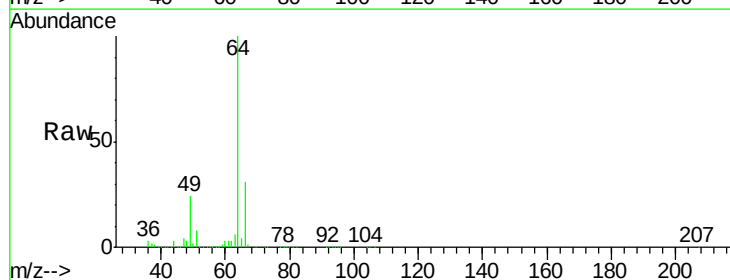
Acq: 27 Oct 2020 14:53

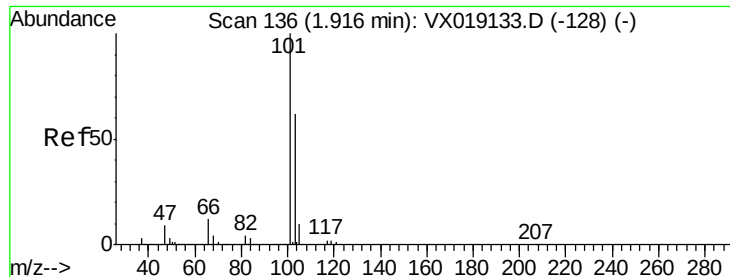
Tgt Ion: 64 Resp: 102967

Ion Ratio Lower Upper

64 100

66 31.4 27.1 40.7





#7

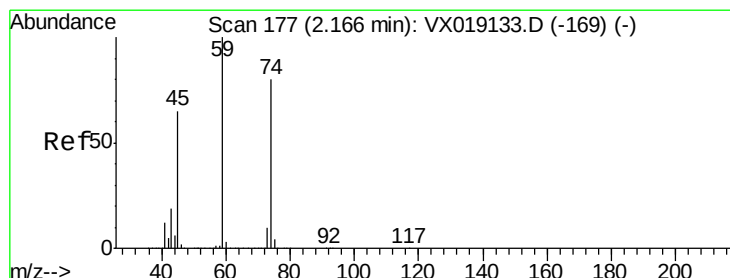
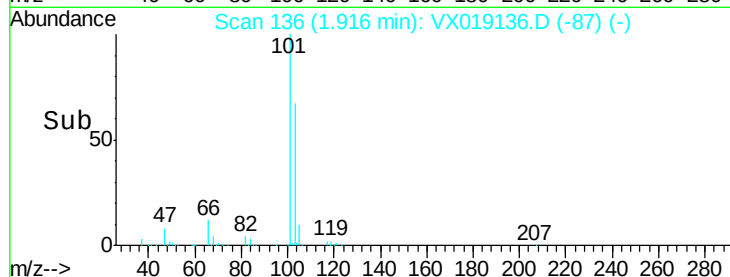
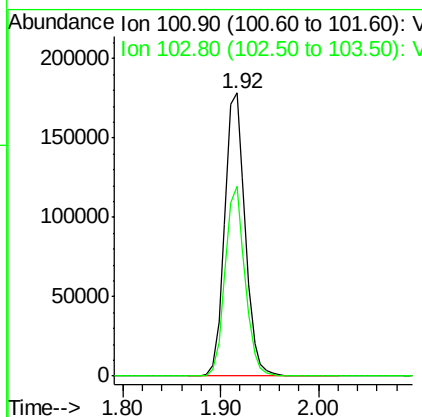
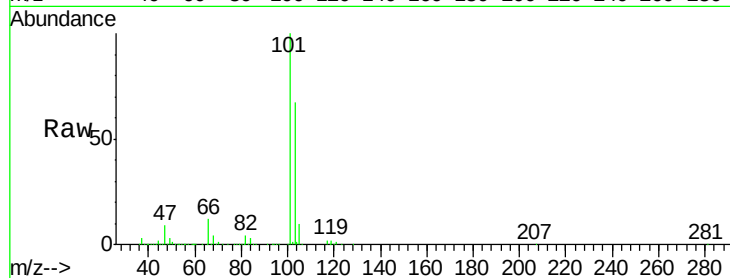
Trichlorofluoromethane
 Concen: 52.163 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019136.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	50.0	75.0

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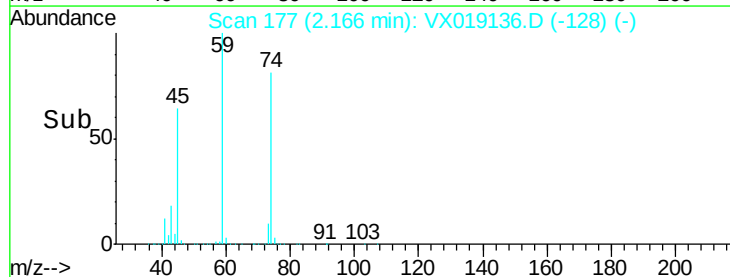
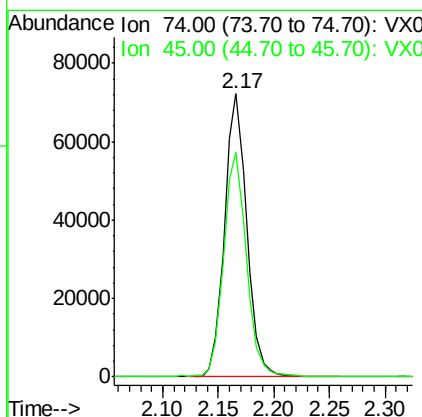
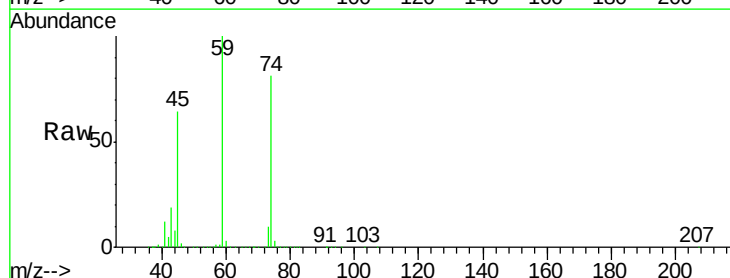
MMDadoda
 10/28/2020 12:33:01 PM

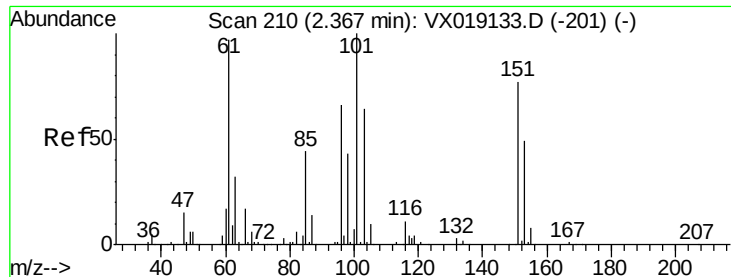


#8

Diethyl Ether
 Concen: 52.521 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.4	41.0	123.0





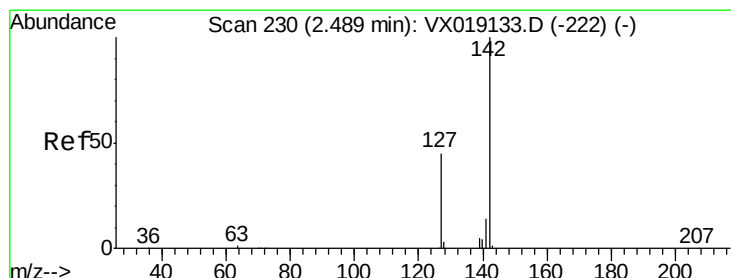
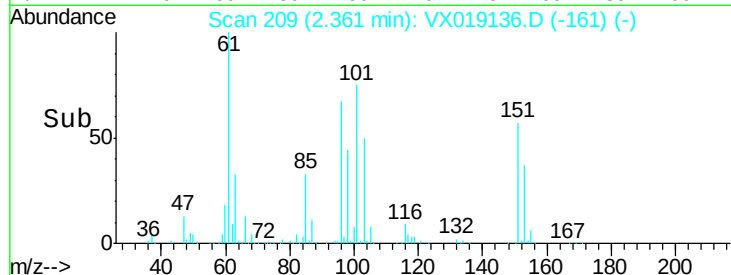
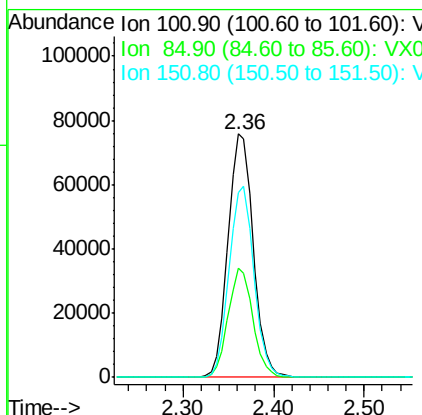
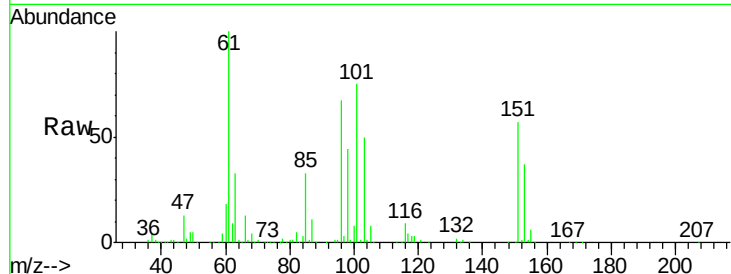
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.257 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: VX019136.D
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Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
101	100	146265		
85	43.9	35.0	52.4	
151	77.7	61.4	92.2	

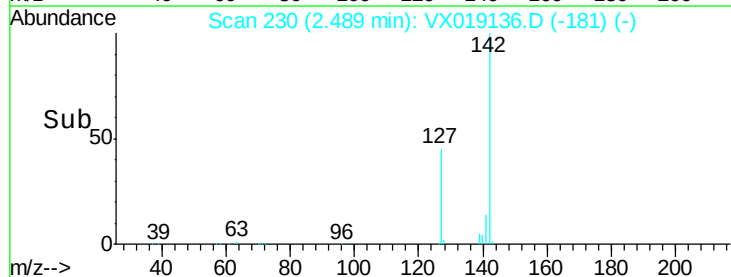
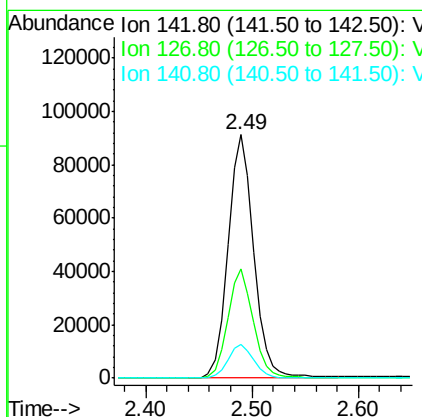
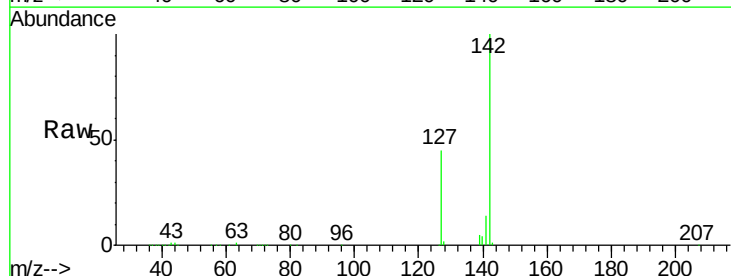
Manual Integrations
 APPROVED

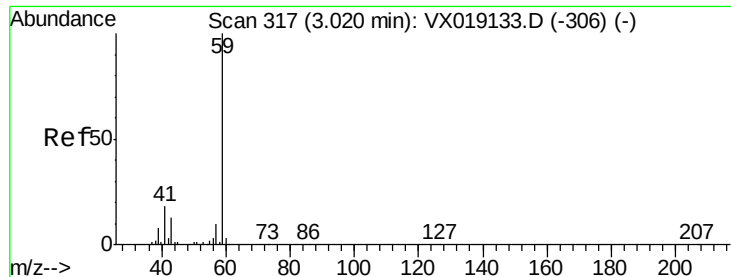
MMDadoda
 10/28/2020 12:33:01 PM



#10
 Methyl Iodide
 Concen: 47.872 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	154180		
127	44.6	36.1	54.1	
141	13.9	11.3	16.9	





#11

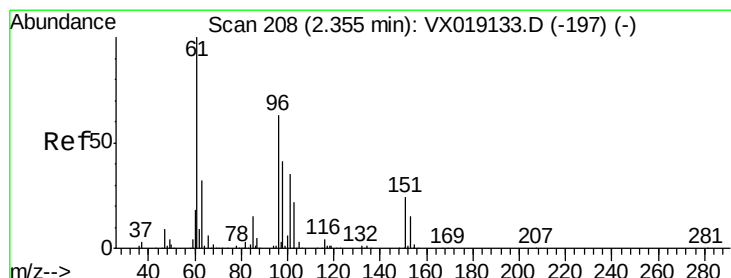
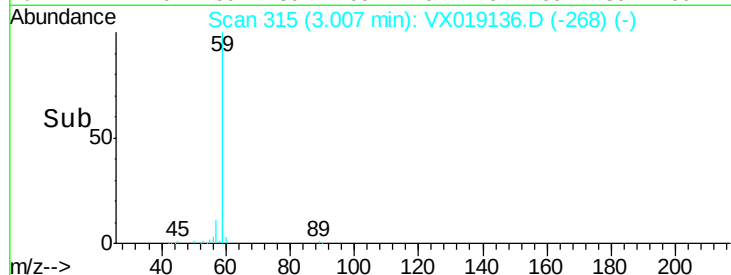
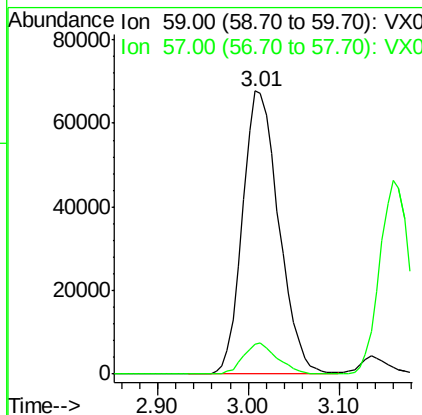
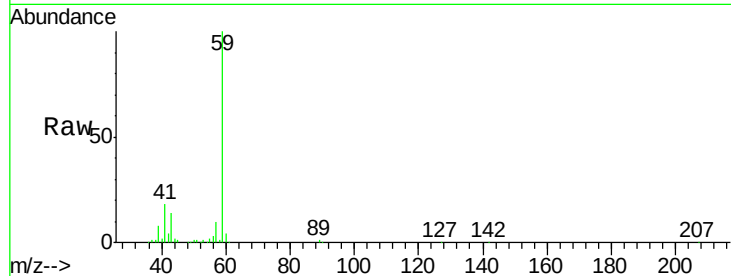
Tert butyl alcohol
 Concen: 252.615 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
59	100	187887		
57	10.3		8.4	12.6

Manual Integrations
 APPROVED

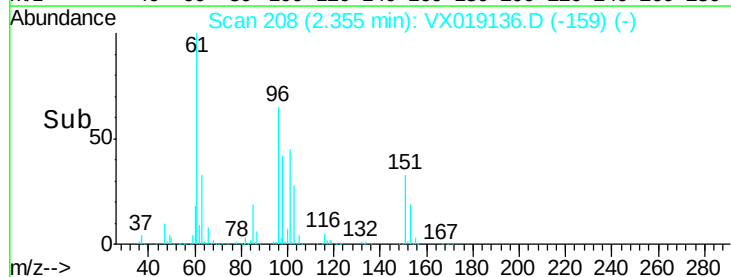
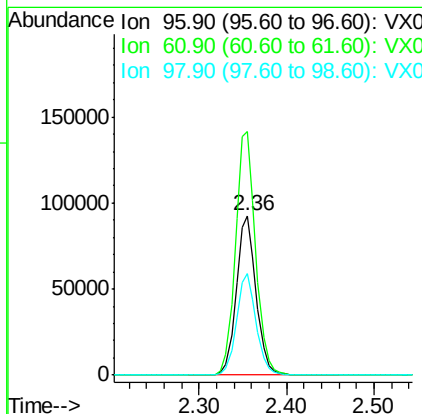
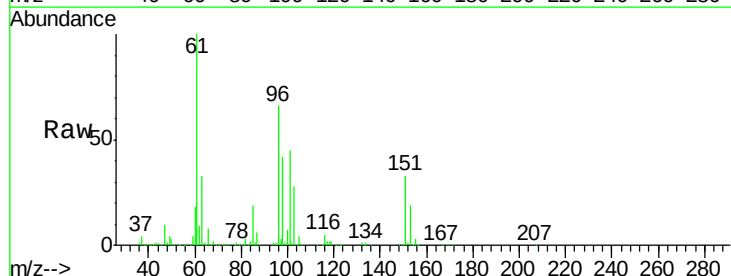
MMDadoda
 10/28/2020 12:33:01 PM

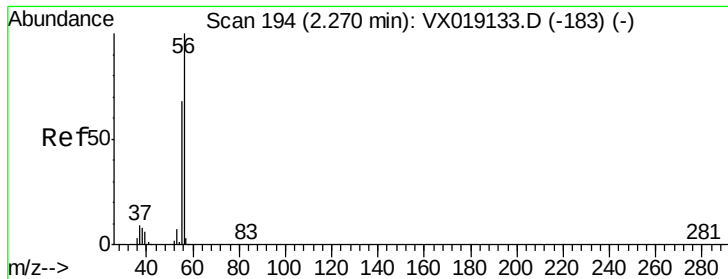


#12

1,1-Dichloroethene
 Concen: 51.547 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	145883		
61	152.6		127.7	191.5
98	63.7		52.1	78.1





#13

Acrolein

Concen: 232.361 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 56 Resp: 77134

Ion Ratio Lower Upper

56 100

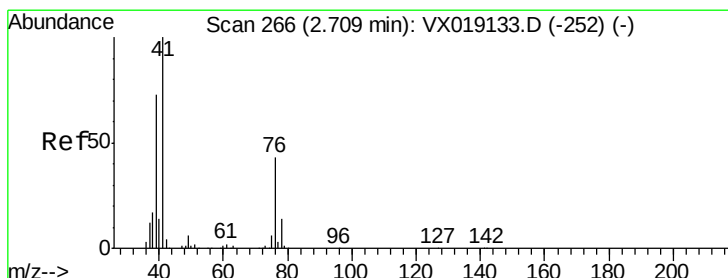
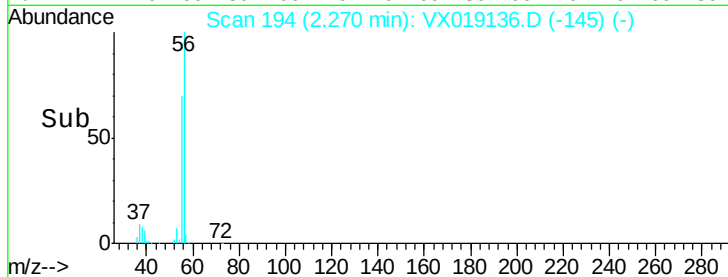
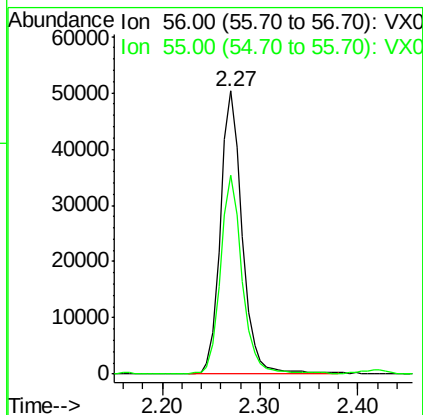
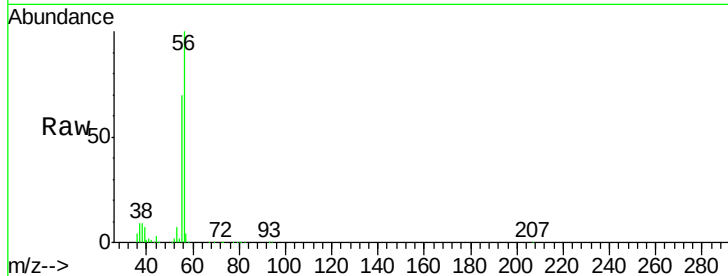
55 69.5 54.7 82.1

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 51.743 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

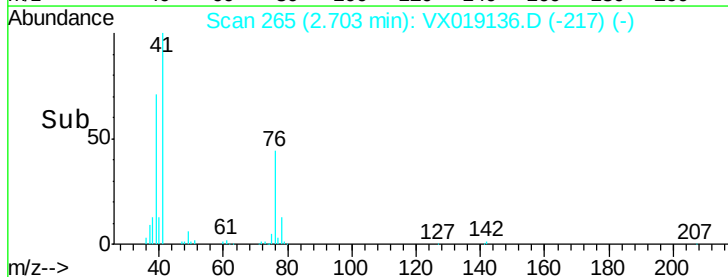
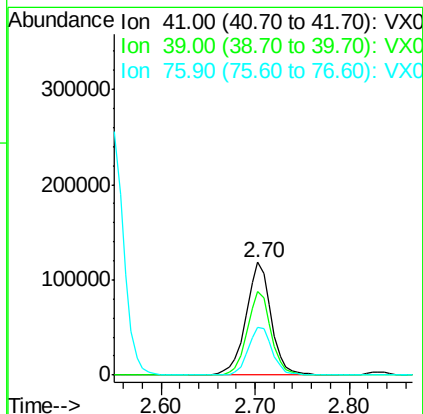
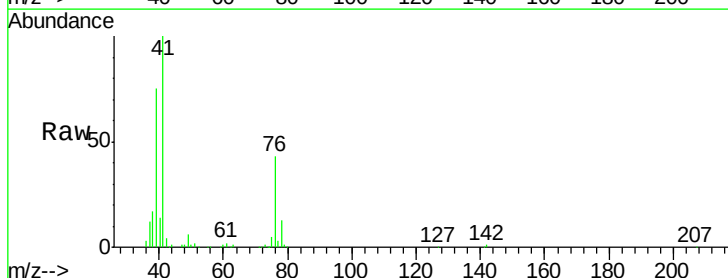
Tgt Ion: 41 Resp: 221799

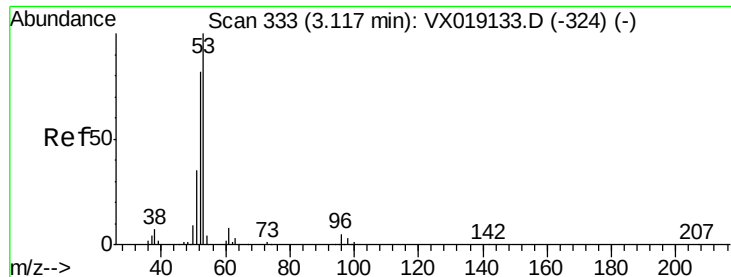
Ion Ratio Lower Upper

41 100

39 69.7 55.2 82.8

76 40.3 31.5 47.3





#15

Acrylonitrile

Concen: 257.212 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

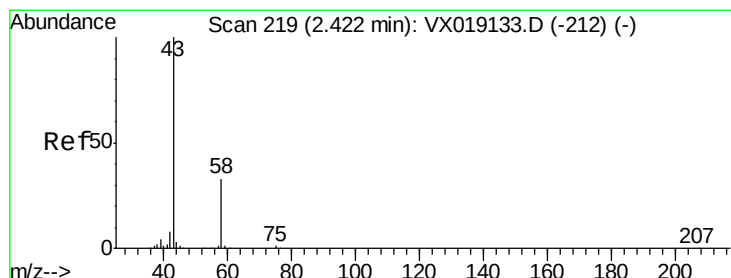
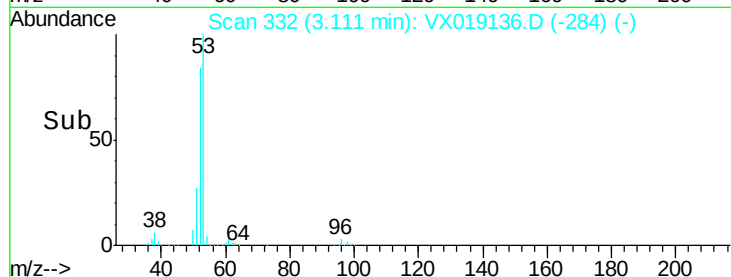
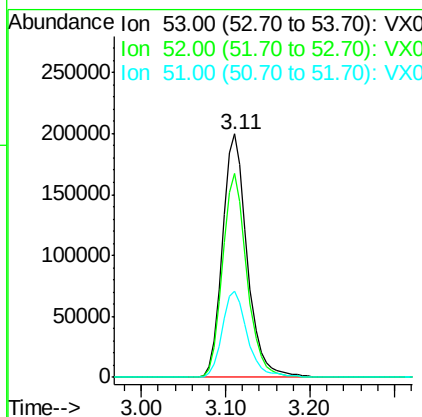
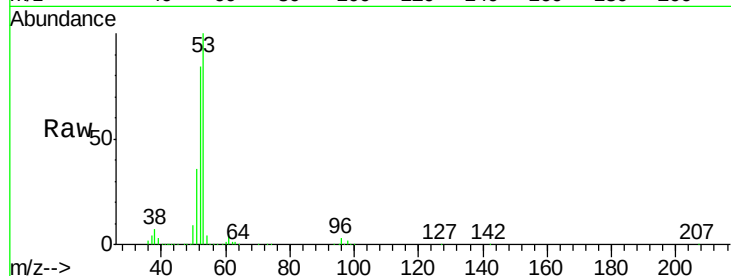
ClientSampleId :

ICVVX102720

Tot Ion:	53	Resp:	402003
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.7	98.5
51	36.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 261.031 ug/l

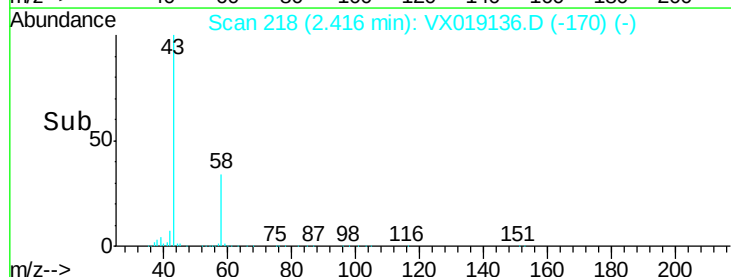
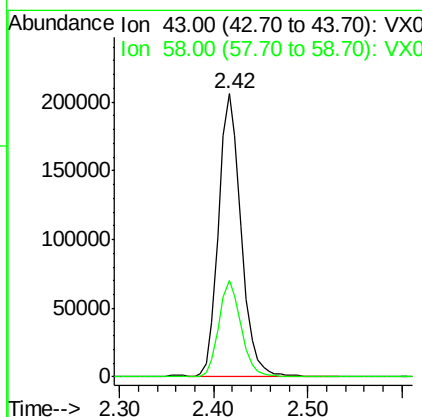
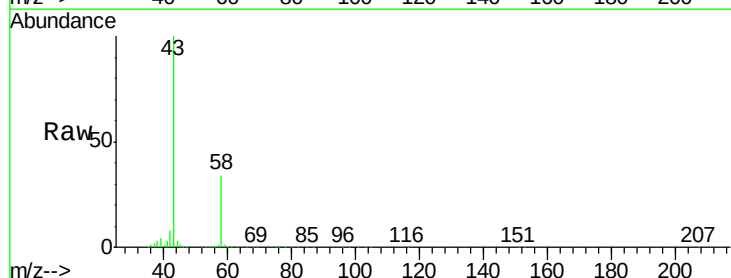
RT: 2.42 min Scan# 218

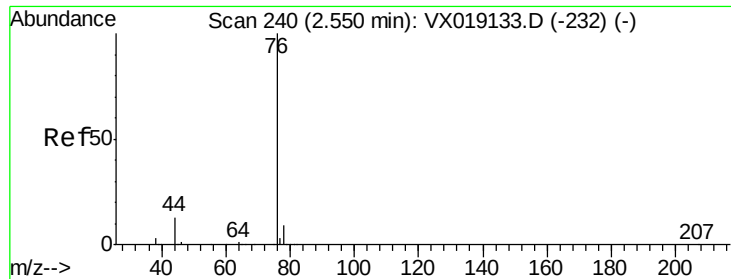
Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion:	43	Resp:	339102
Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.3	39.5





#17

Carbon Disulfide

Concen: 51.008 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 76 Resp: 411610

Ion Ratio Lower Upper

76 100

78 9.1

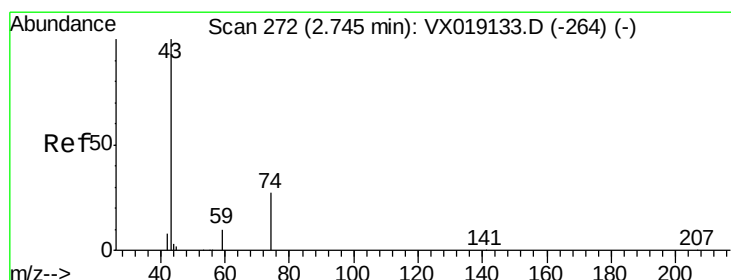
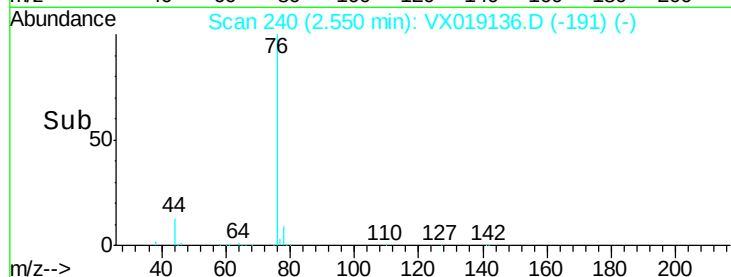
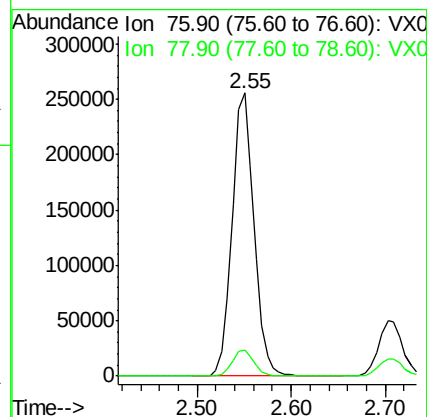
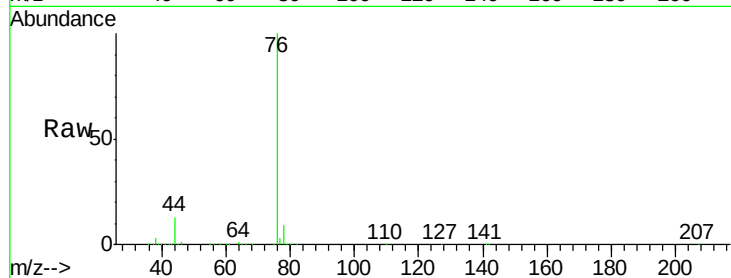
7.3 10.9

Manual Integrations

APPROVED

MMDadoda

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#18

Methyl Acetate

Concen: 50.039 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

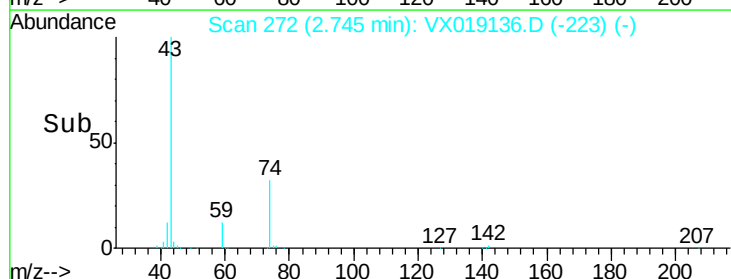
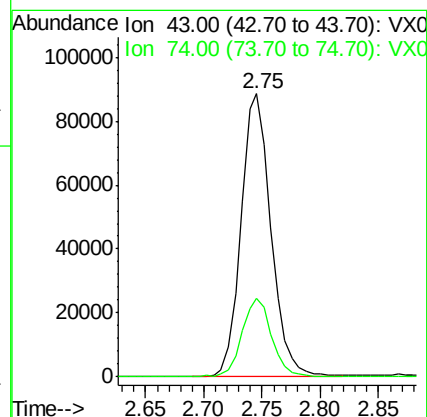
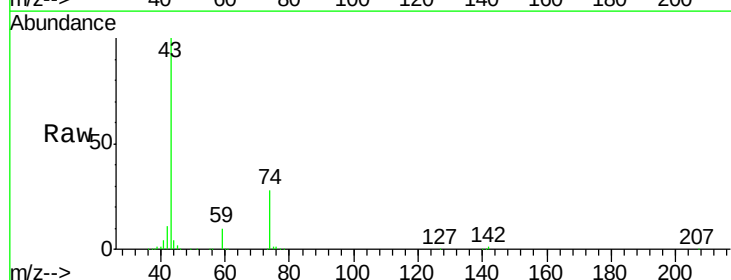
Tgt Ion: 43 Resp: 158075

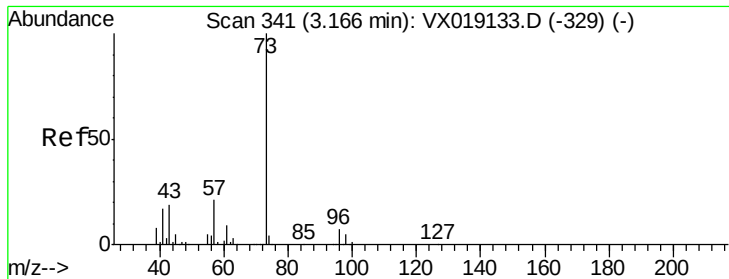
Ion Ratio Lower Upper

43 100

74 28.1

22.6 33.8





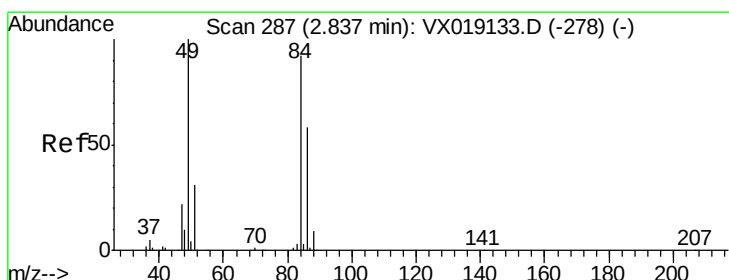
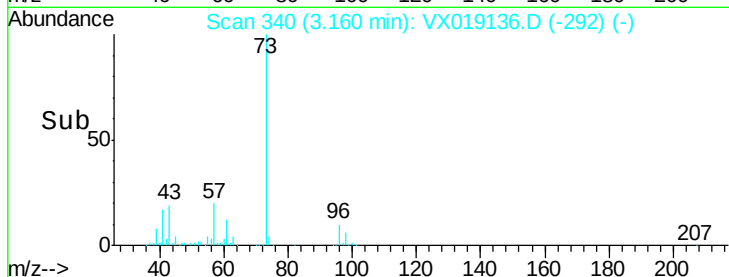
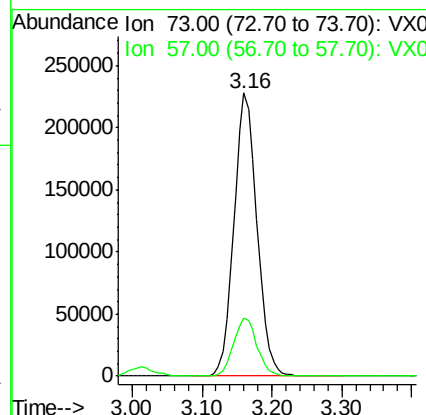
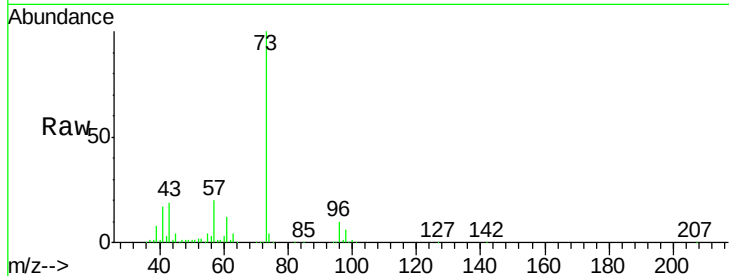
#19
Methyl tert-butyl Ether
Concen: 52.993 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampled :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.6	25.0

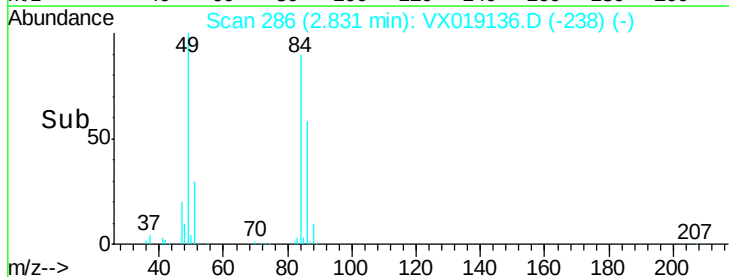
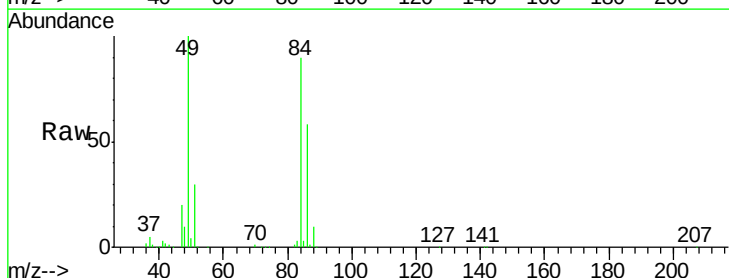
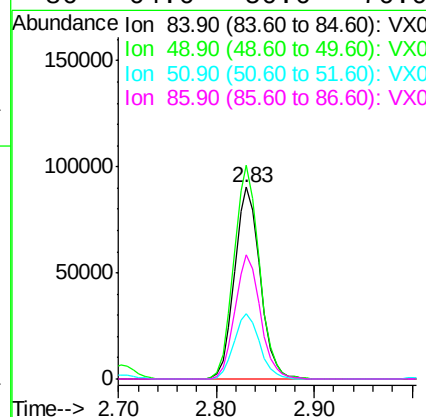
Manual Integrations
APPROVED

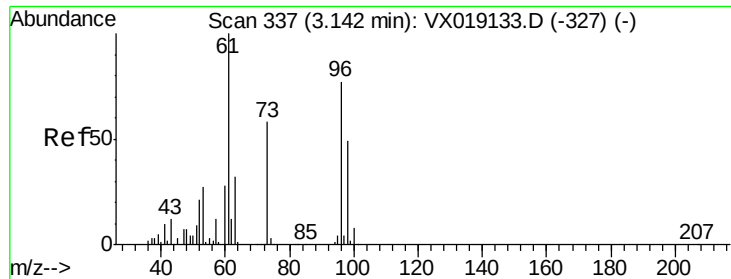
MMDadoda
10/28/2020 12:33:01 PM



#20
Methylene Chloride
Concen: 50.436 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.5	86.8	130.2
51	33.9	27.3	40.9
86	64.6	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 51.129 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

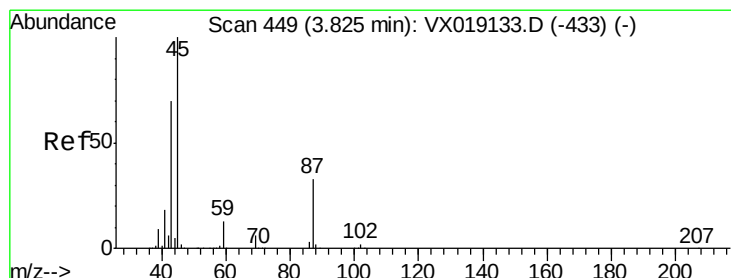
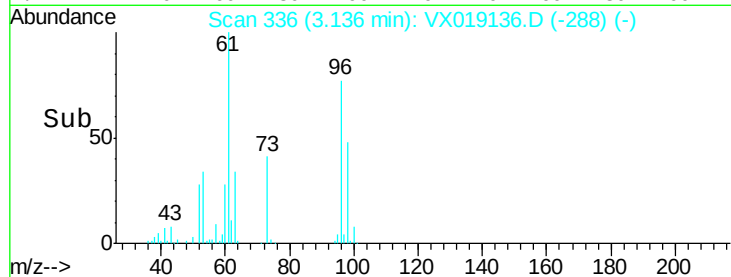
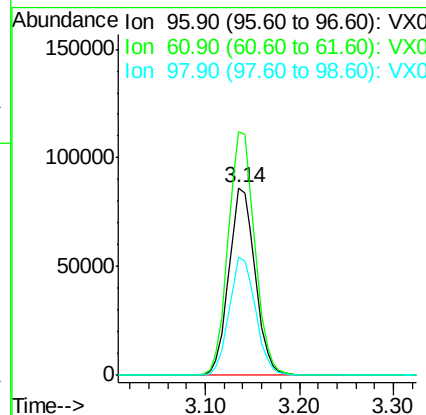
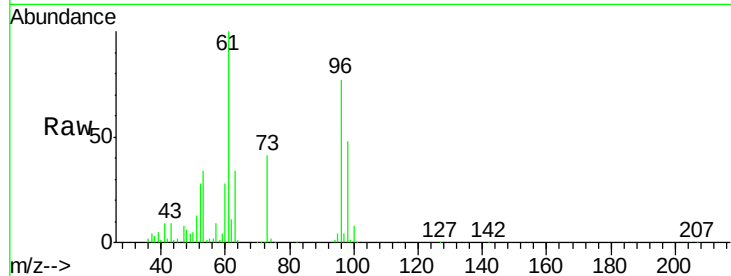
ClientSampled :

ICVVX102720

Tot Ion:	96	Resp:	166534
Ion	Ratio	Lower	Upper
96	100		
61	129.7	104.2	156.4
98	62.7	51.3	76.9

Manual Integrations
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10/28/2020 12:33:01 PM



#22

Diisopropyl ether

Concen: 52.953 ug/l

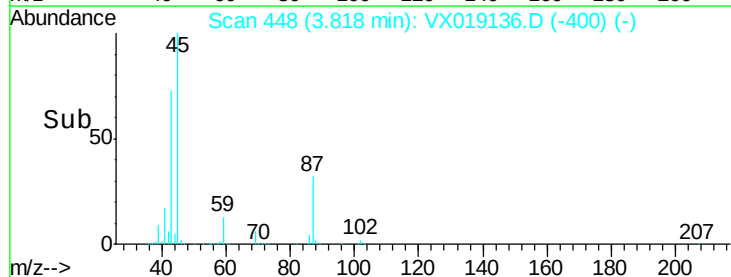
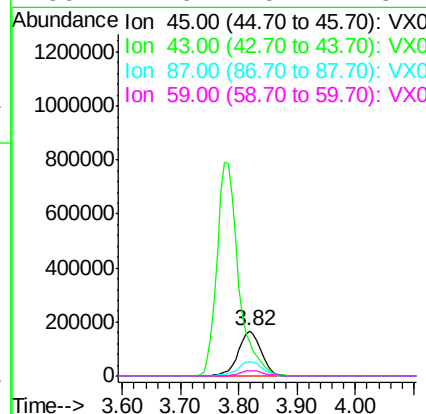
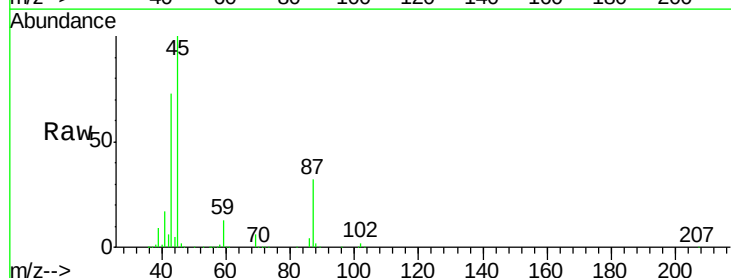
RT: 3.82 min Scan# 448

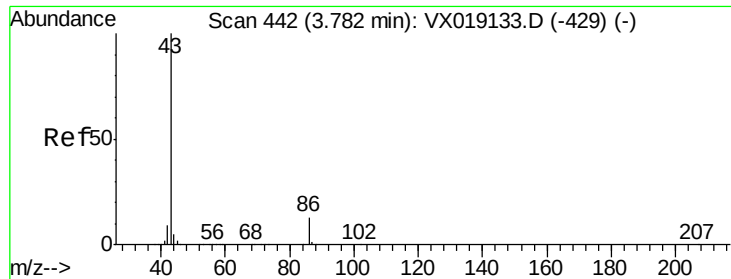
Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion:	45	Resp:	452524
Ion	Ratio	Lower	Upper
45	100		
43	72.6	56.2	84.4
87	32.2	26.2	39.2
59	12.6	10.1	15.1





#23

Vinyl Acetate

Concen: 266.495 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampled :

ICVVX102720

Tot Ion: 43 Resp: 2030899

Ion Ratio Lower Upper

43 100

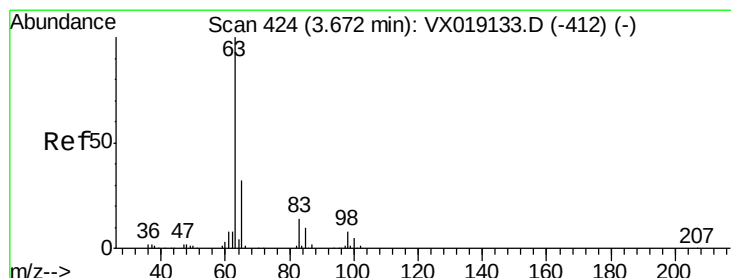
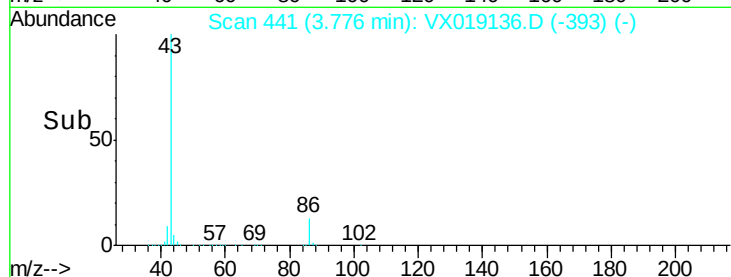
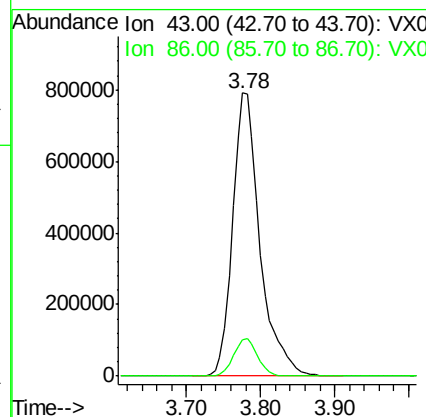
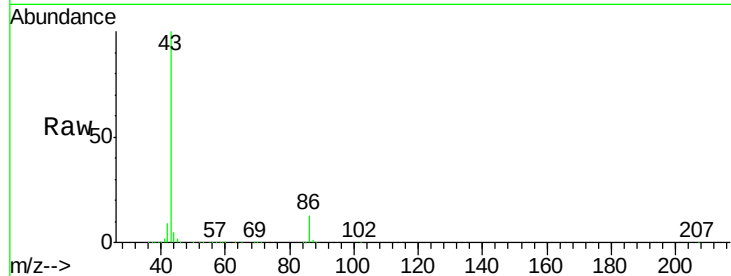
86 12.8 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.417 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

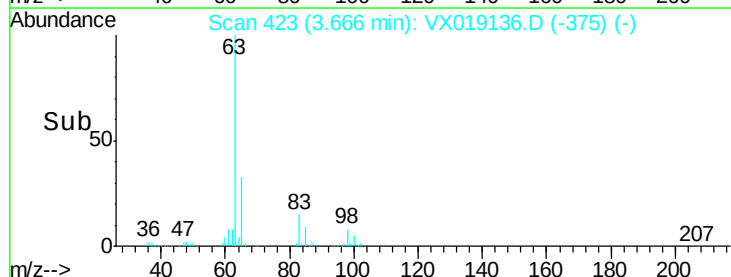
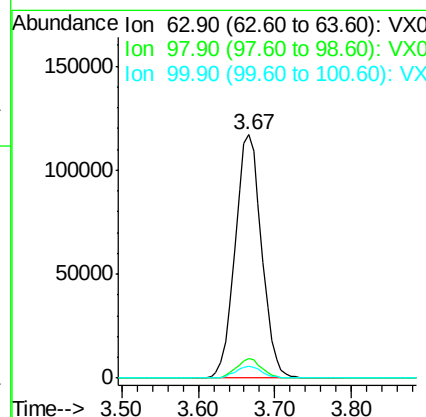
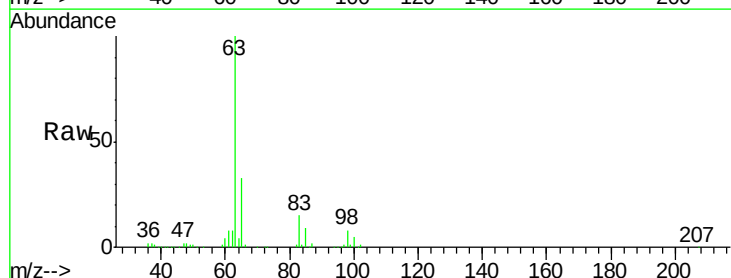
Tgt Ion: 63 Resp: 279678

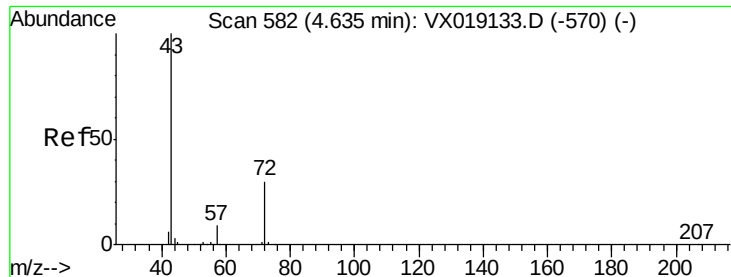
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 265.415 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 43 Resp: 543401

Ion Ratio Lower Upper

43 100

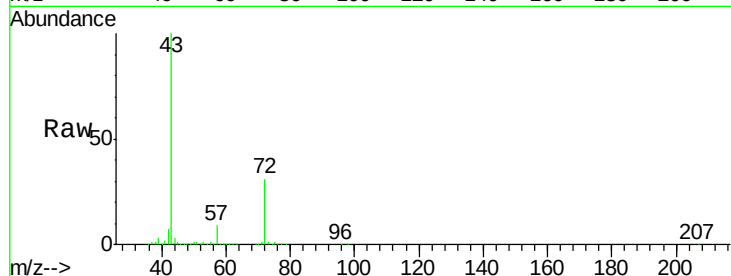
72 30.7 24.6 36.8

Manual Integrations

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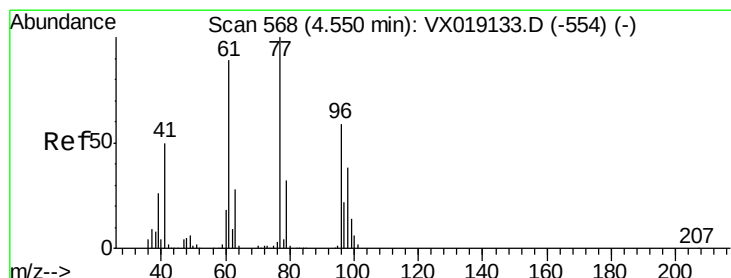
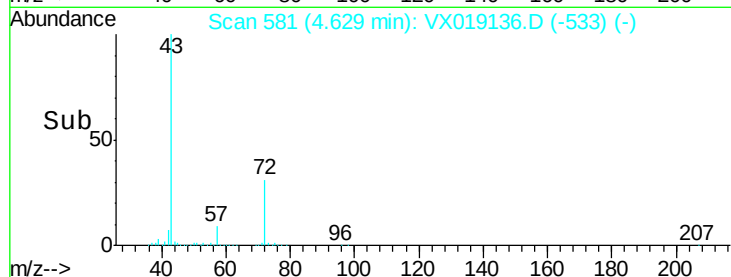
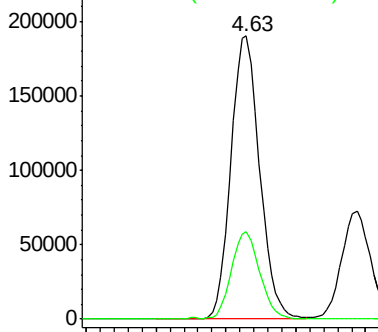
MMDadoda

10/28/2020 12:33:01 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.251 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019136.D

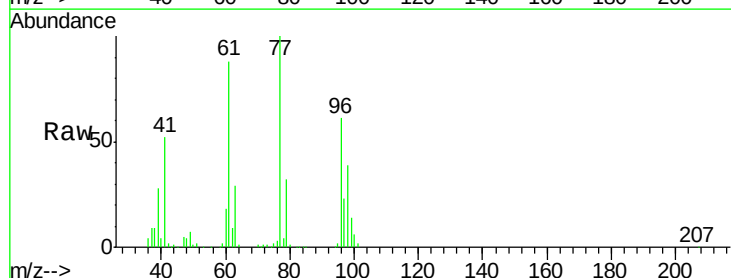
Acq: 27 Oct 2020 14:53

Tgt Ion: 77 Resp: 267107

Ion Ratio Lower Upper

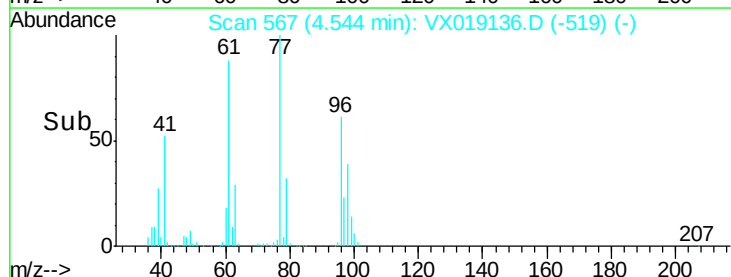
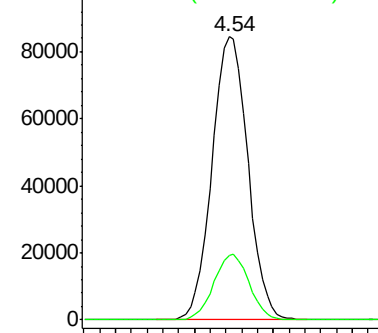
77 100

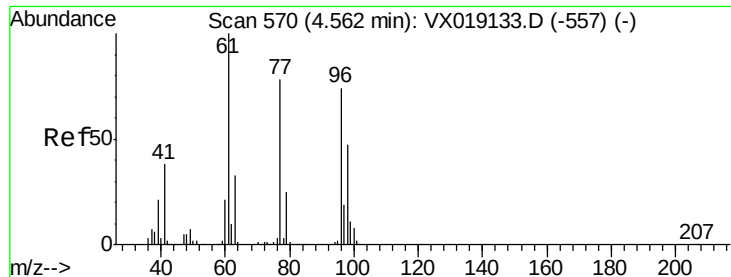
97 22.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

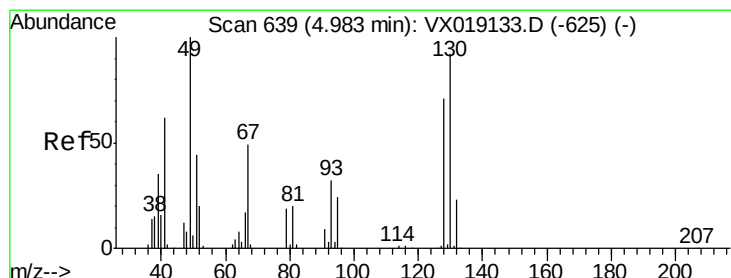
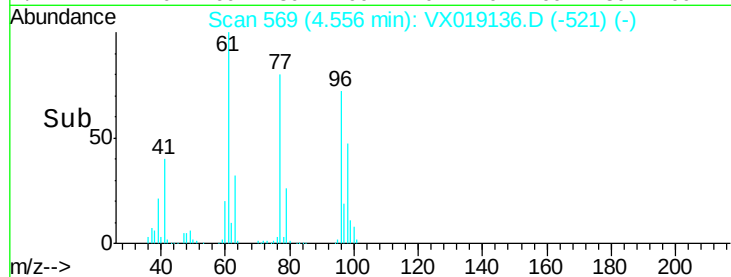
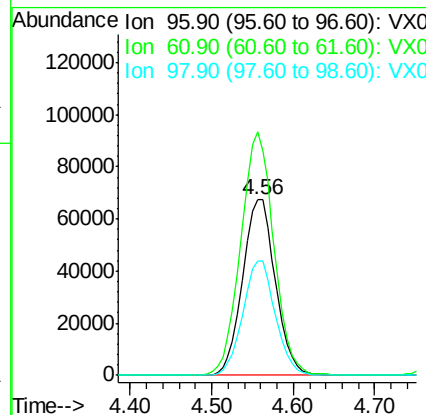
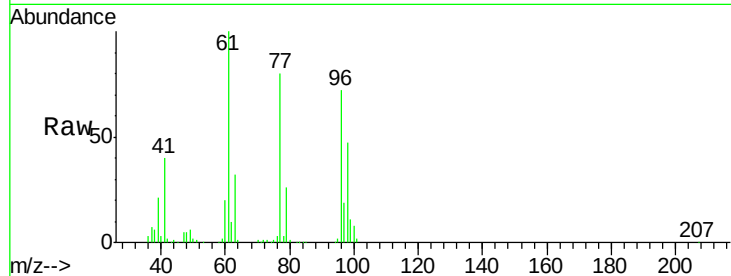
cis-1,2-Dichloroethene
Concen: 51.702 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
96	100	188177		
61	139.8	0.0	278.8	
98	64.5	0.0	130.2	

Manual Integrations
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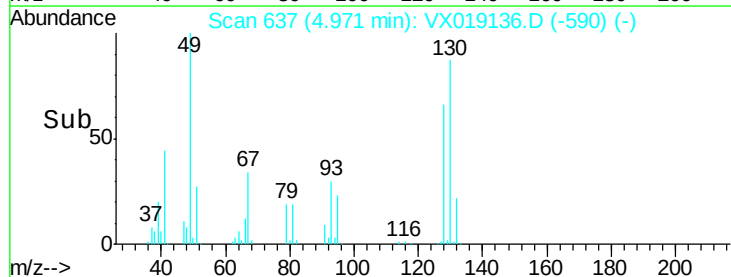
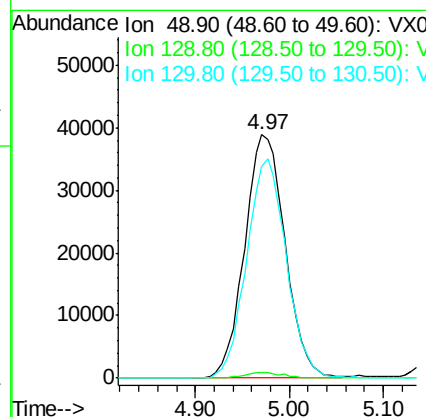
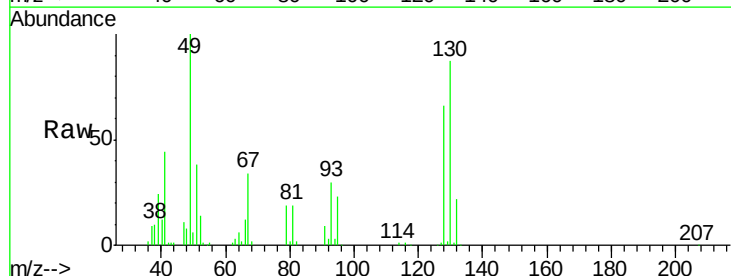
MMDadoda
10/28/2020 12:33:01 PM

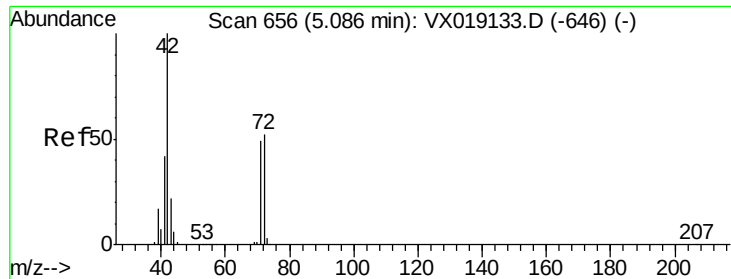


#28

Bromochloromethane
Concen: 48.358 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117300		
129	2.1	0.0	4.4	
130	88.2	71.3	106.9	





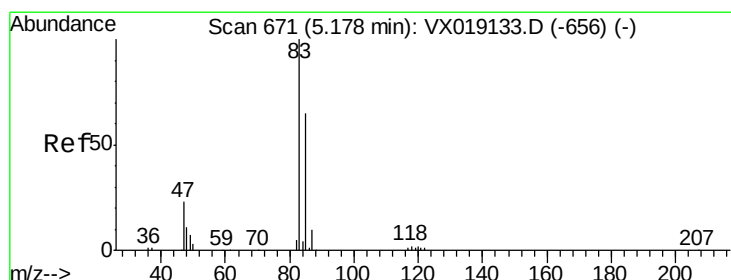
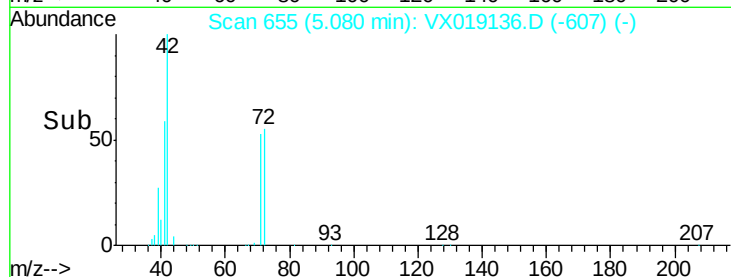
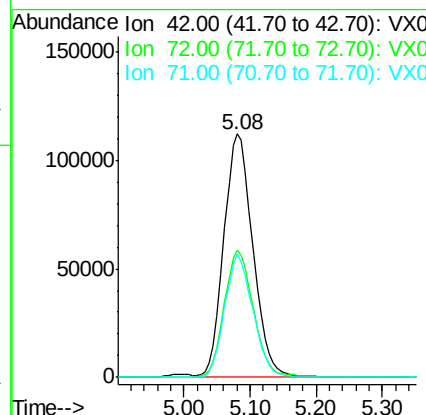
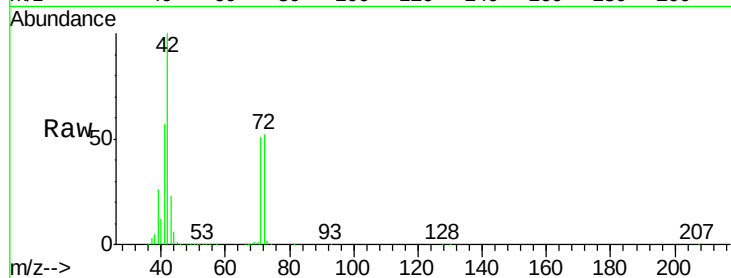
#29
Tetrahydrofuran
Concen: 263.906 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	42.6	63.8
71	49.5	39.7	59.5

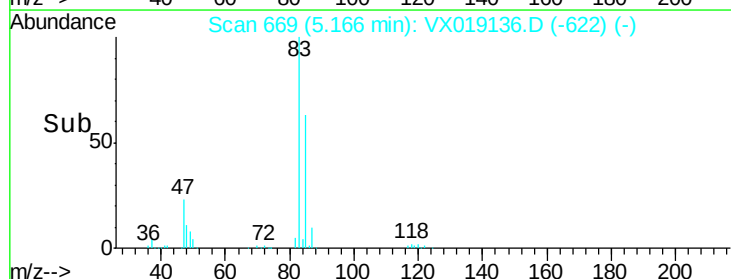
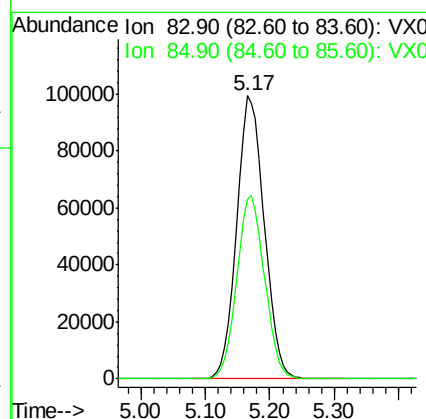
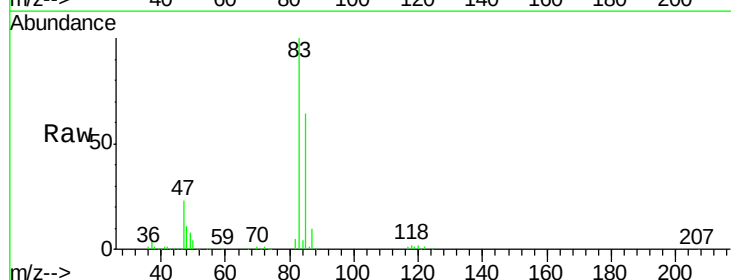
Manual Integrations
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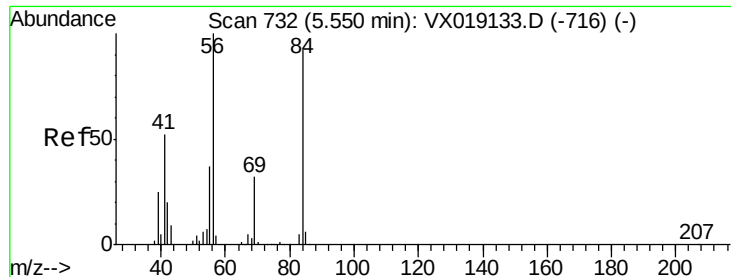
MMDadoda
10/28/2020 12:33:01 PM



#30
Chloroform
Concen: 52.188 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.9	77.9





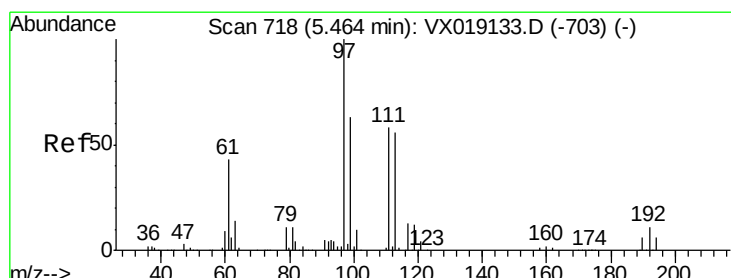
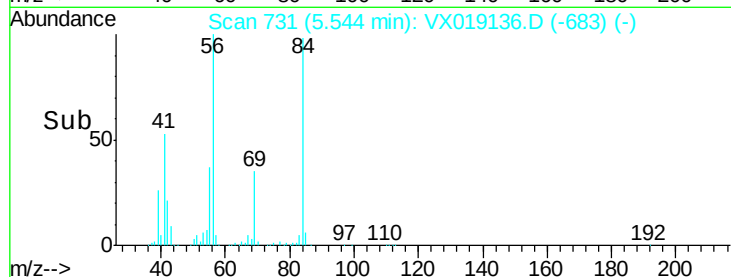
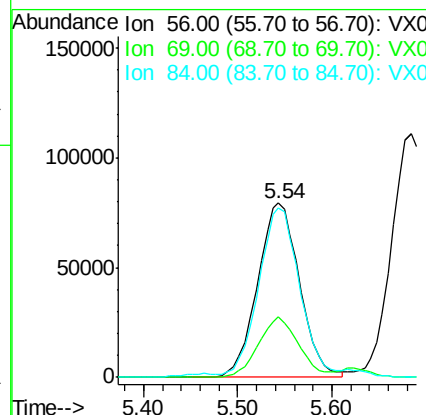
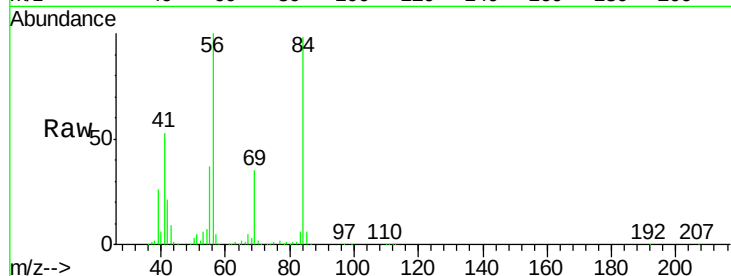
#31
Cvclohexane
Concen: 51.845 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	25.9	38.9
84	95.7	73.4	110.2

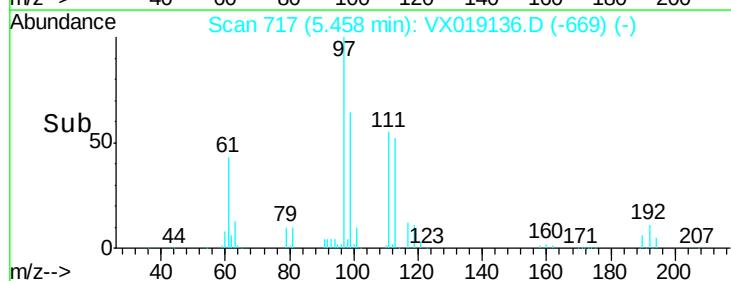
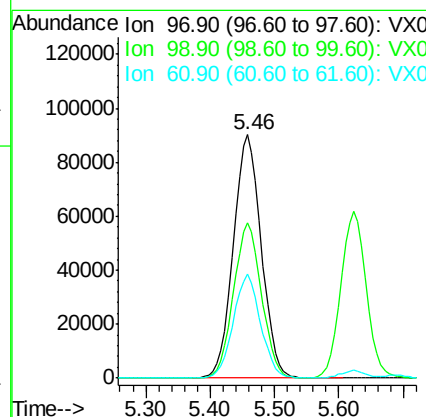
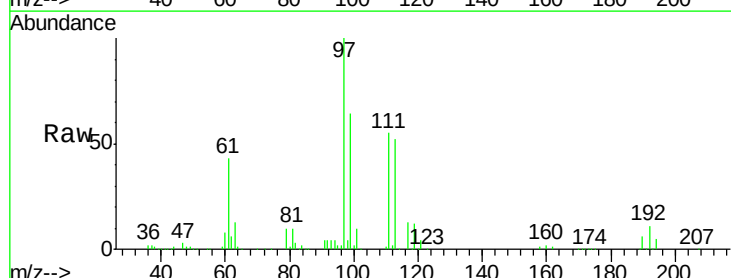
Manual Integrations
APPROVED

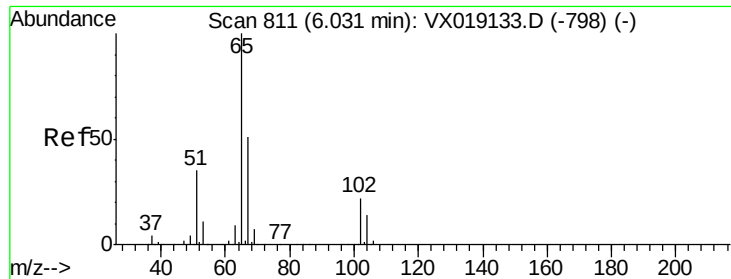
MMDadoda
10/28/2020 12:33:01 PM



#32
1,1,1-Trichloroethane
Concen: 53.034 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	41.9	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 44.765 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 65 Resp: 168568

Ion Ratio Lower Upper

65 100

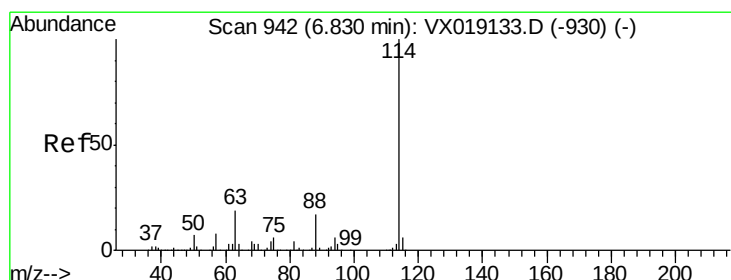
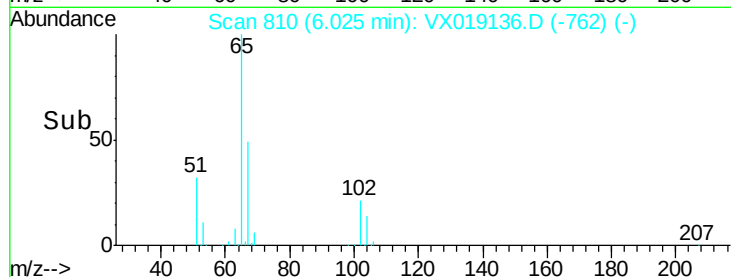
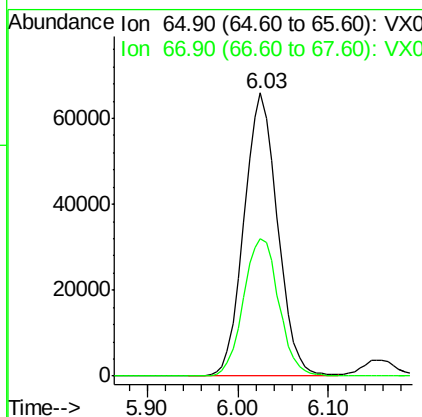
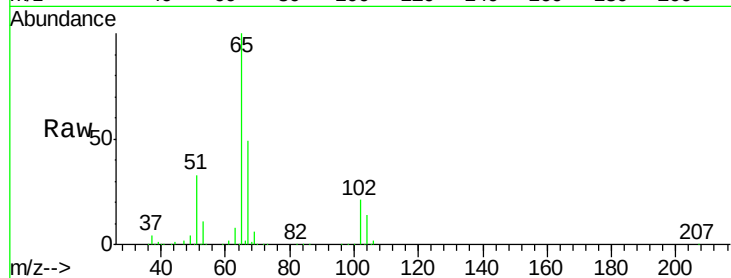
67 51.2 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

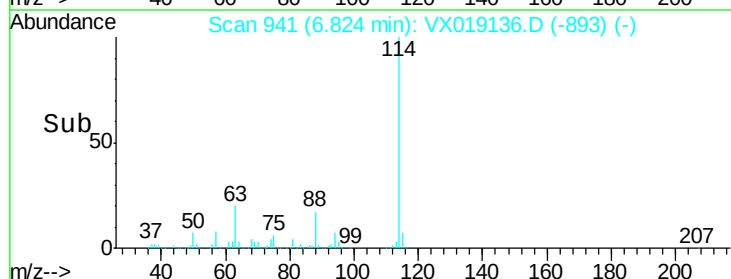
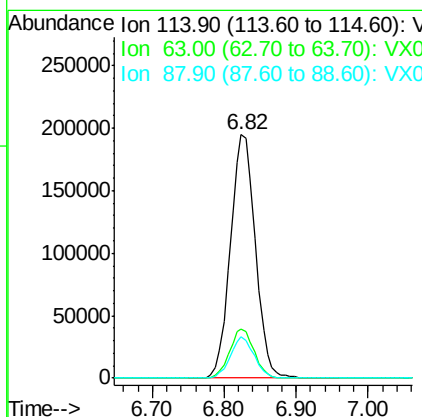
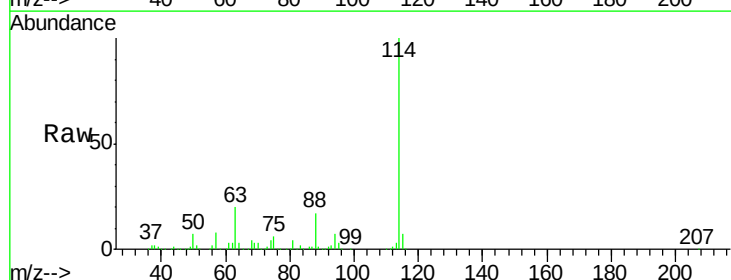
Tgt Ion: 114 Resp: 469253

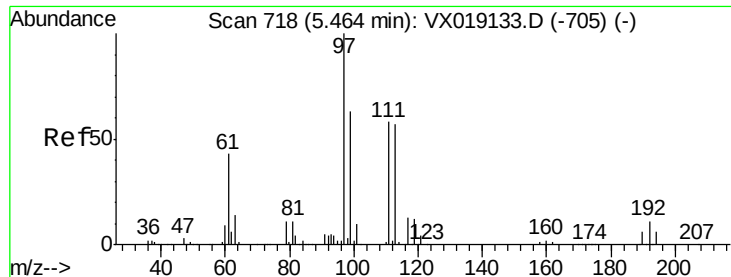
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

88 17.2 0.0 34.2





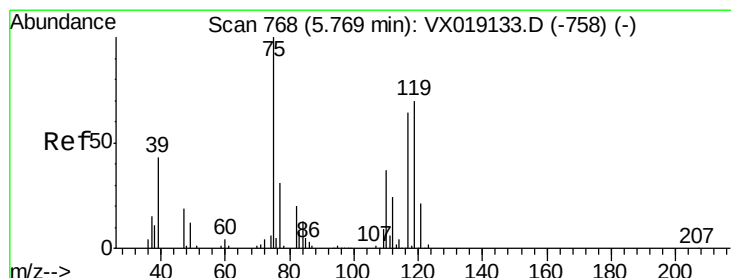
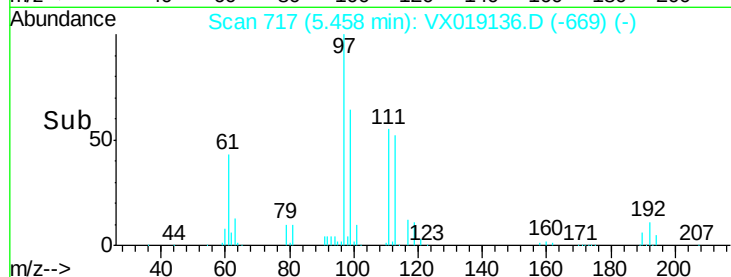
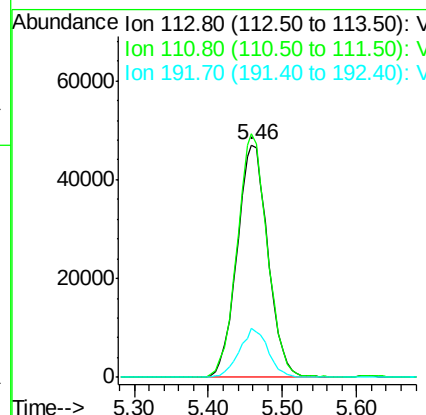
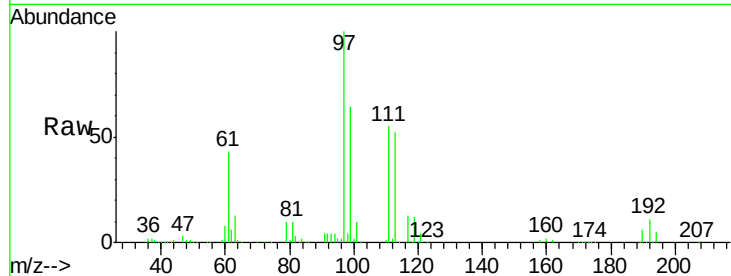
#35
Dibromofluoromethane
Concen: 46.378 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136701		
111	102.1	82.3	123.5	
192	19.7	16.2	24.2	

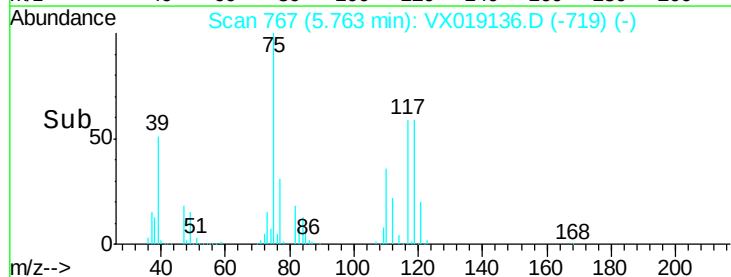
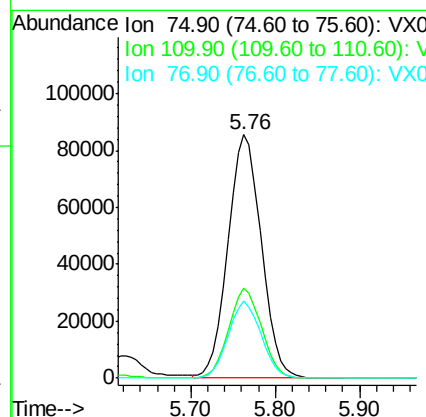
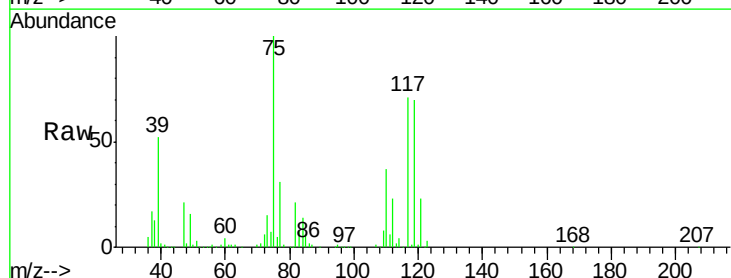
Manual Integrations
APPROVED

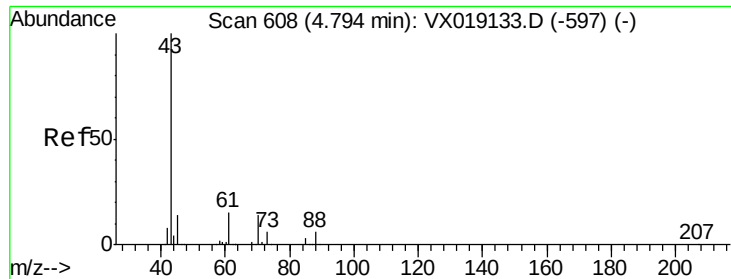
MMDadoda
10/28/2020 12:33:01 PM



#36
1,1-Dichloropropene
Concen: 53.100 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230095		
110	36.3	18.3	54.9	
77	31.4	24.9	37.3	





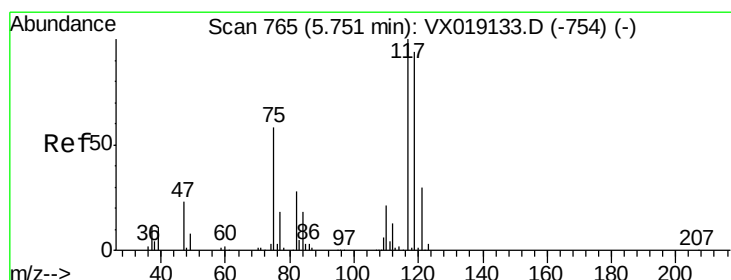
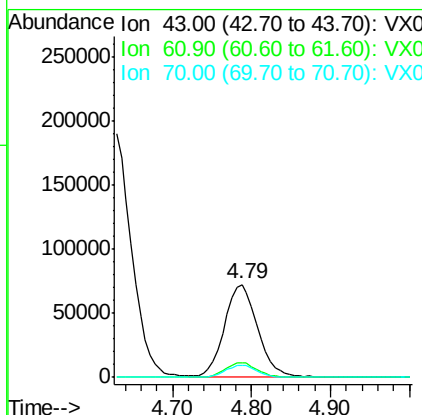
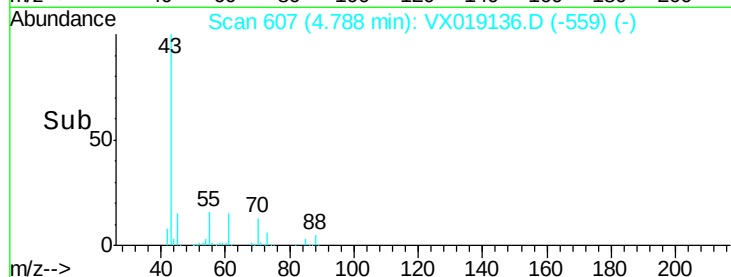
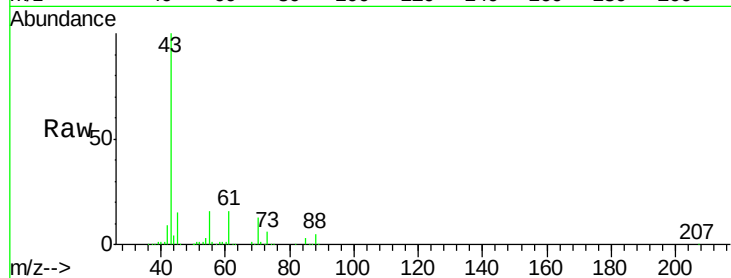
#37
Ethyl Acetate
Concen: 52.701 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.5	18.7
70	12.9	10.5	15.7

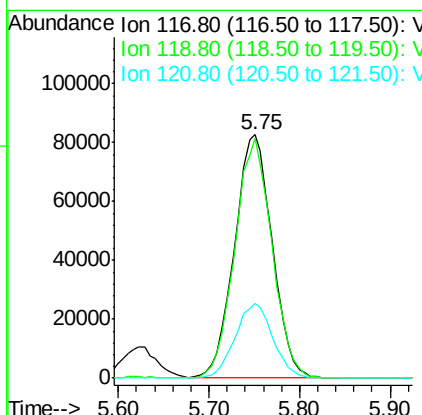
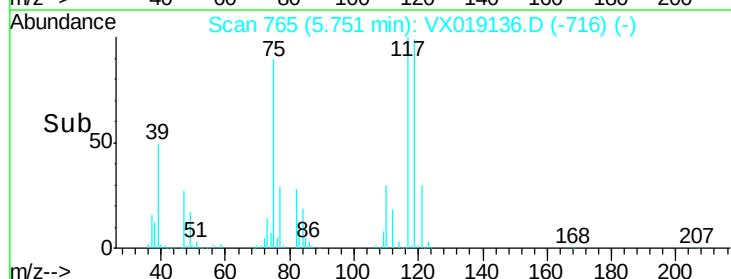
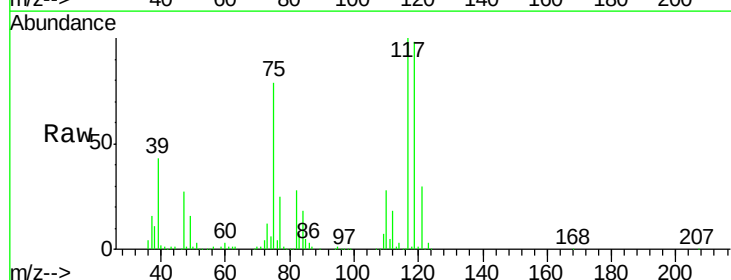
Manual Integrations
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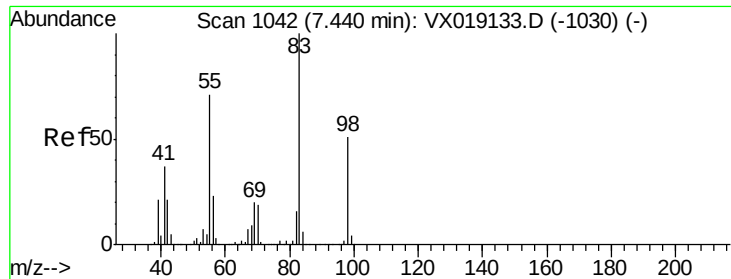
MMDadoda
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#38
Carbon Tetrachloride
Concen: 53.792 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.0	112.6
121	30.5	23.9	35.9





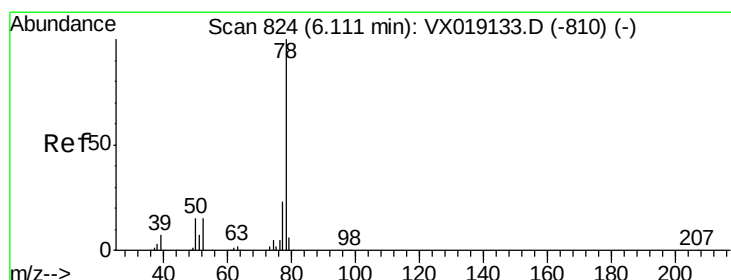
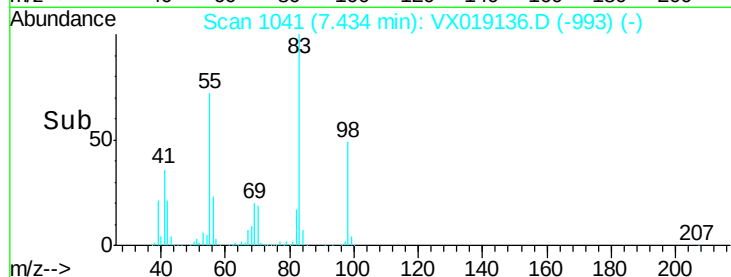
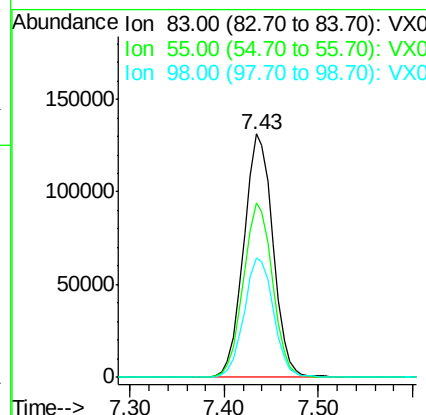
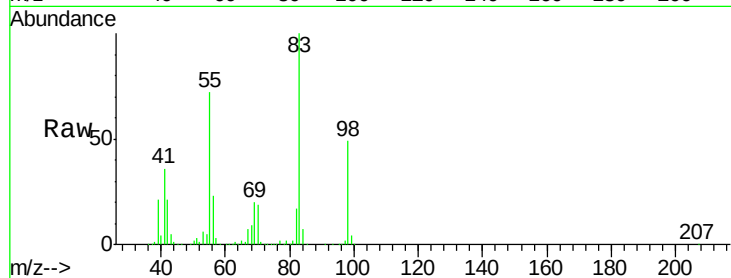
#39
Methylvlcyclohexane
Concen: 55.048 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
83	100	285217		
55	71.8		57.0	85.6
98	49.2		40.5	60.7

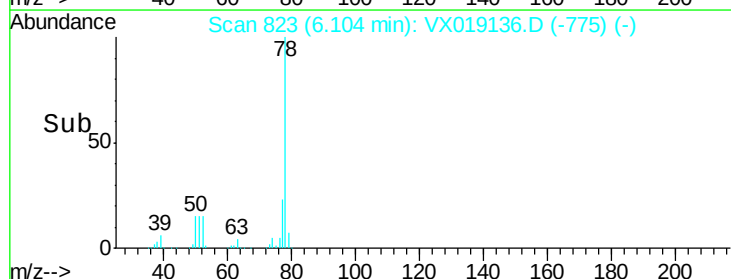
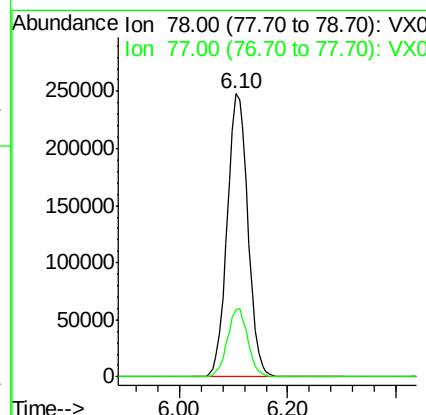
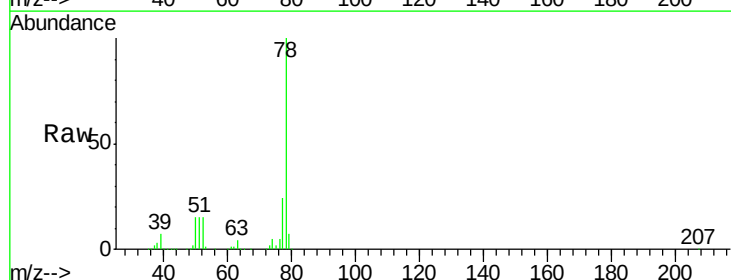
Manual Integrations
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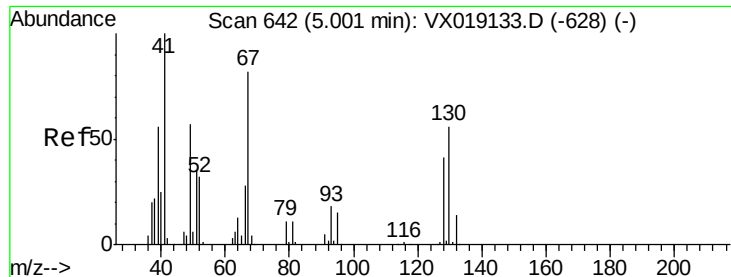
MMDadoda
10/28/2020 12:33:01 PM



#40
Benzene
Concen: 53.380 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	655833		
77	23.7		18.7	28.1





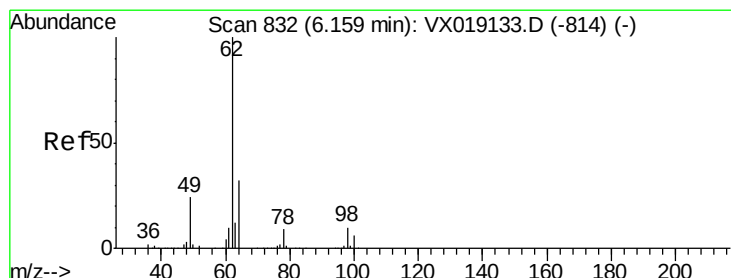
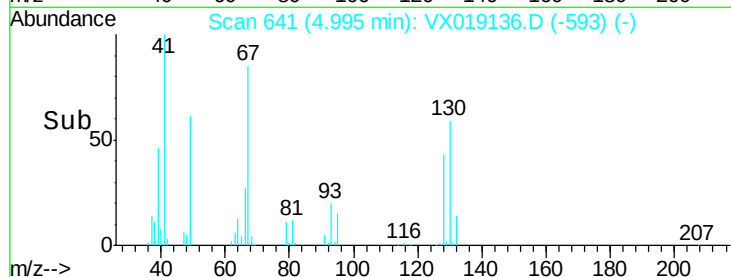
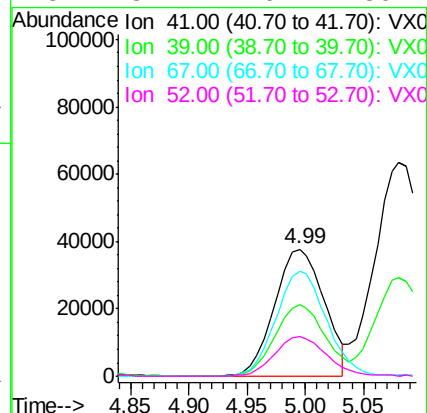
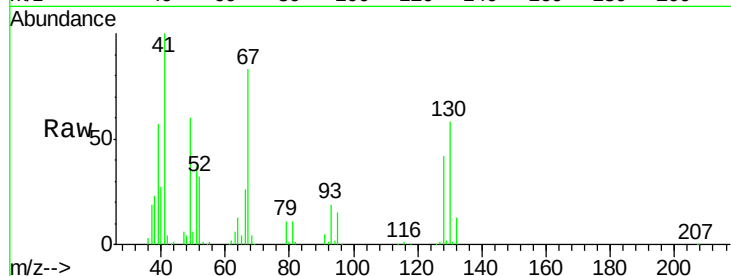
#41
Methacrylonitrile
Concen: 51.385 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	57.1	44.4	66.6		
67	84.7	66.4	99.6		
52	32.7	26.2	39.4		

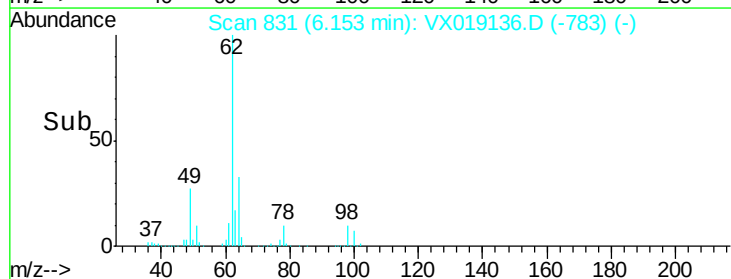
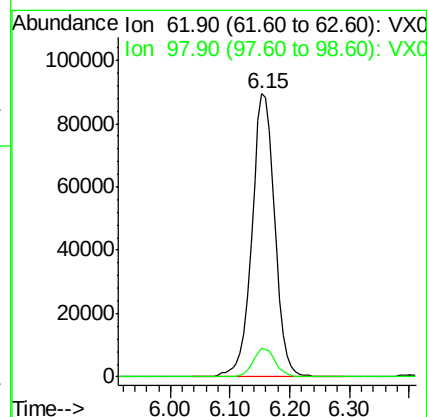
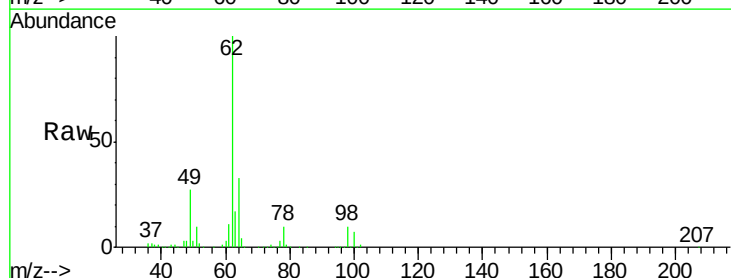
Manual Integrations
APPROVED

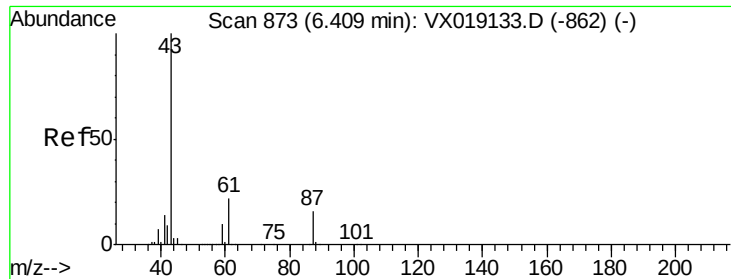
MMDadoda
10/28/2020 12:33:01 PM



#42
1,2-Dichloroethane
Concen: 52.597 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.7	0.0	19.0		





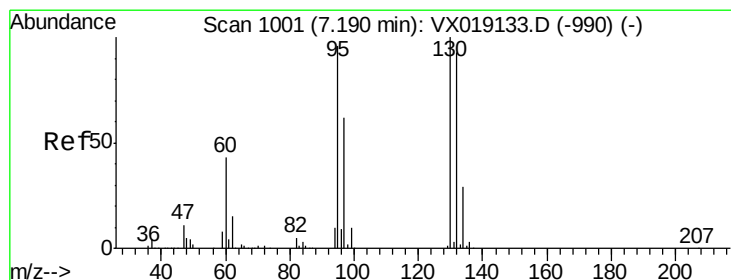
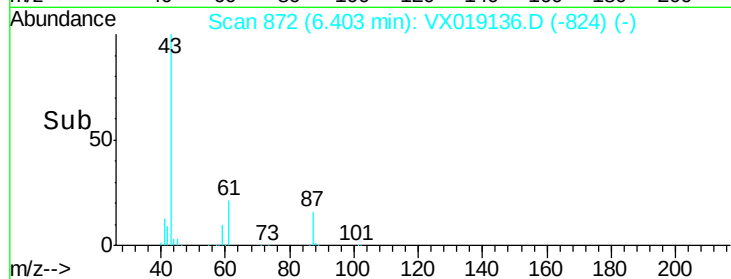
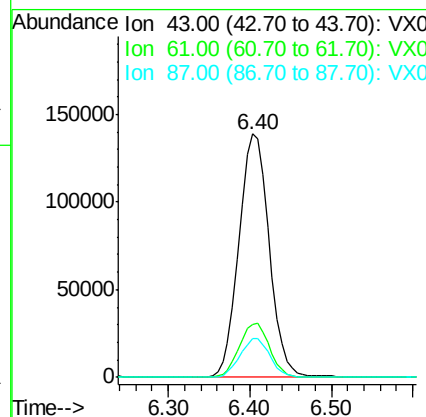
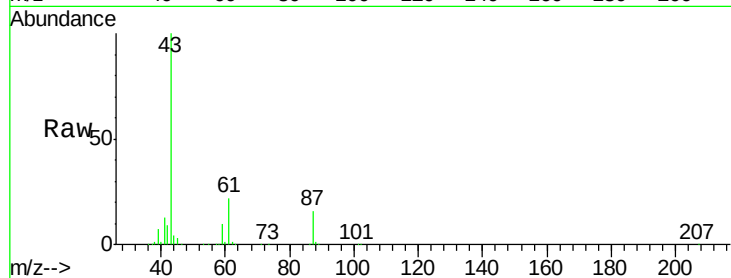
#43
Isopropyl Acetate
Concen: 52.806 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.8	26.6
87	15.9	12.6	19.0

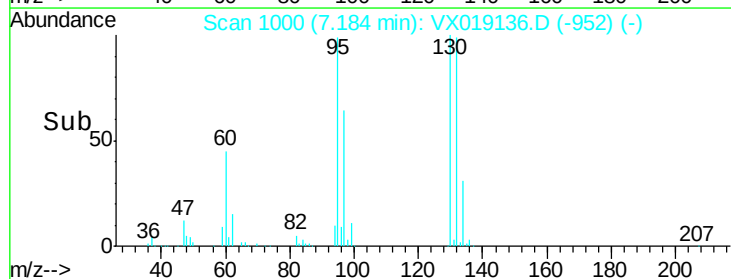
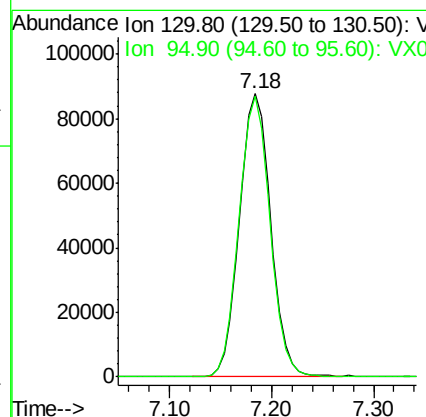
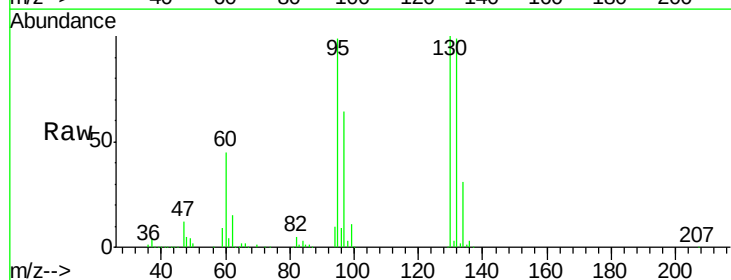
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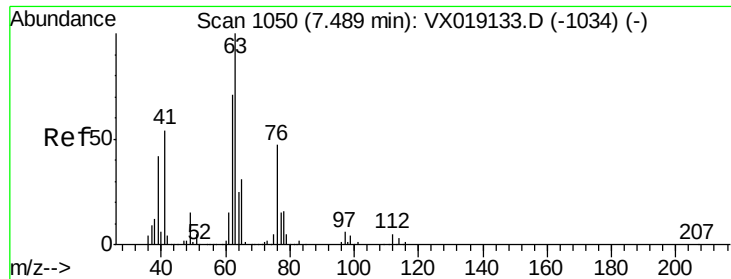
MMDadoda
10/28/2020 12:33:01 PM



#44
Trichloroethene
Concen: 53.063 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	192.0





#45

1,2-Dichloropropane

Concen: 54.210 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 63 Resp: 163133

Ion Ratio Lower Upper

63 100

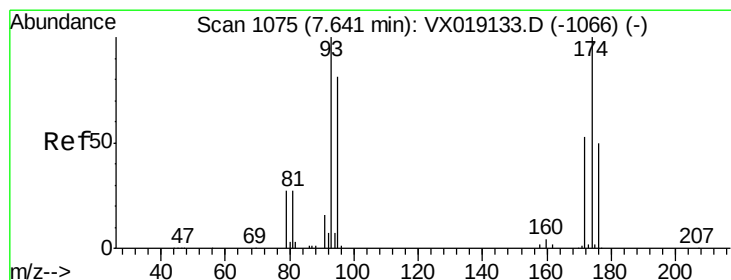
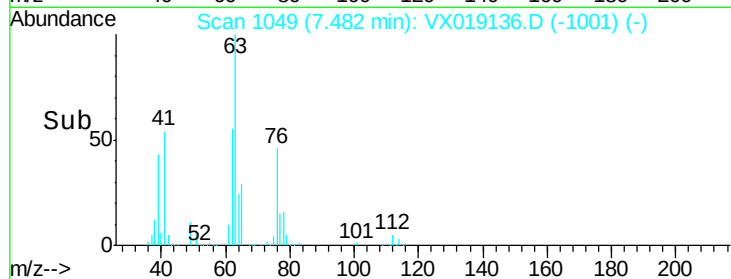
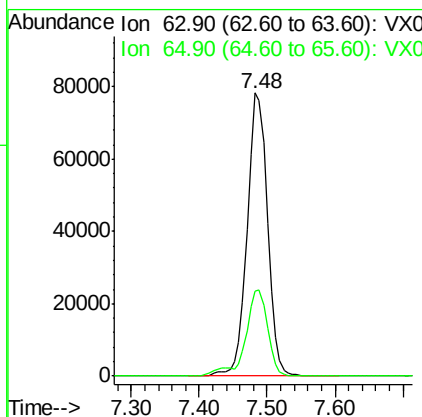
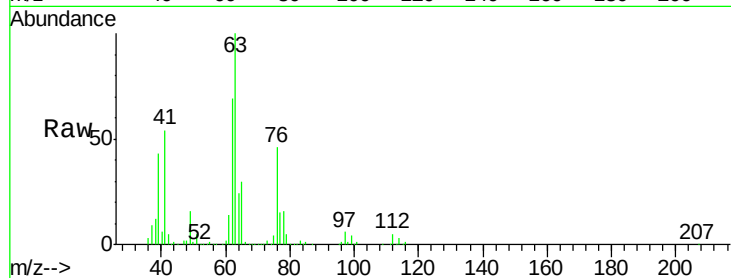
65 30.1 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 52.280 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

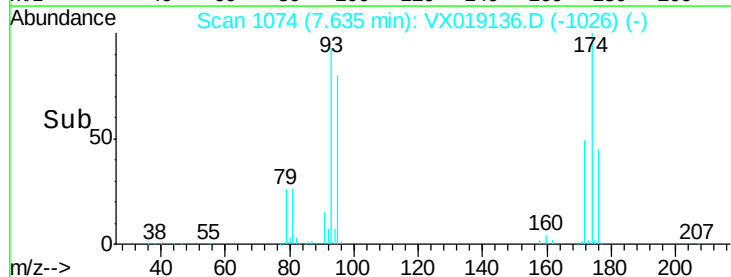
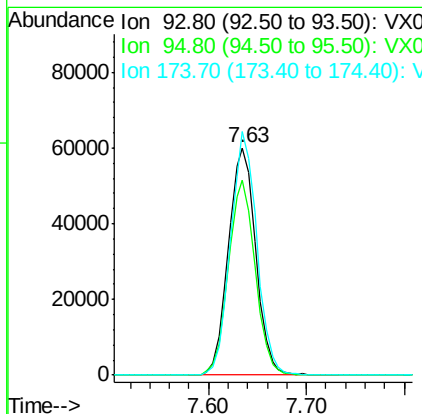
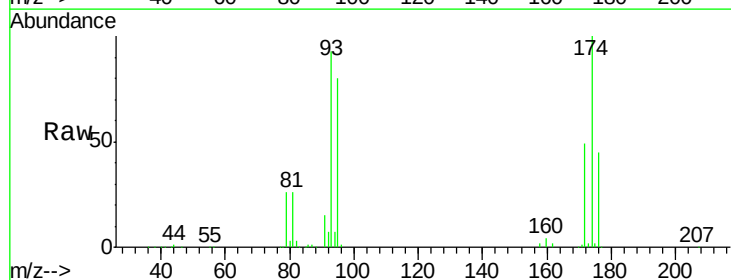
Tgt Ion: 93 Resp: 116337

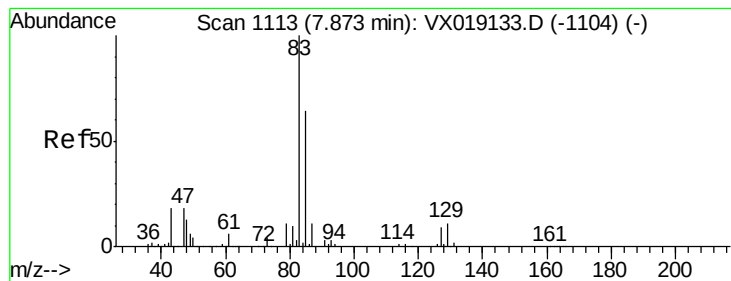
Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.6

174 103.0 81.7 122.5





#47

Bromodichloromethane

Concen: 54.340 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

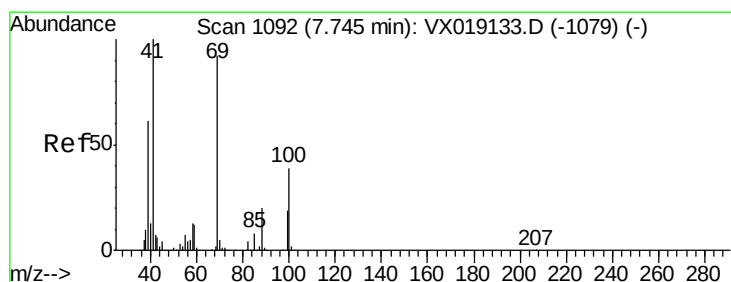
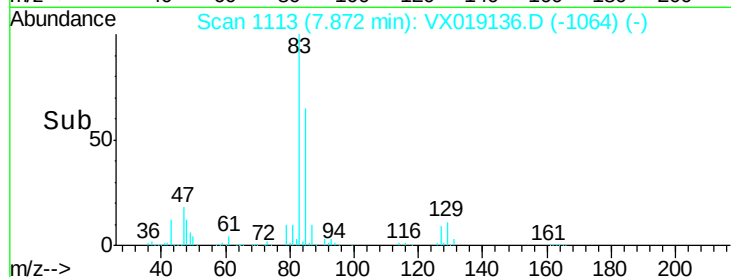
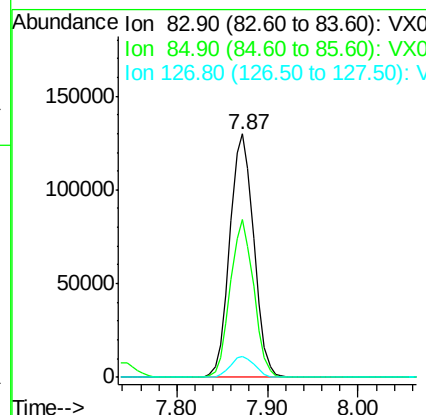
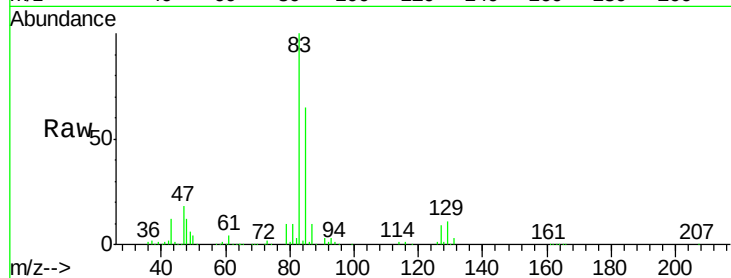
ClientSampleId :

ICVVX102720

Tot Ion:	83	Resp:	238340
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8
127	8.8	7.1	10.7

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#48

Methyl methacrylate

Concen: 53.640 ug/l

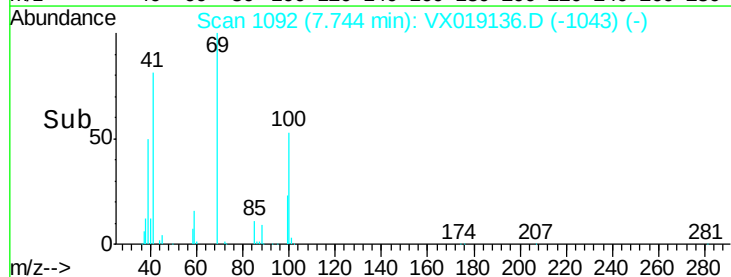
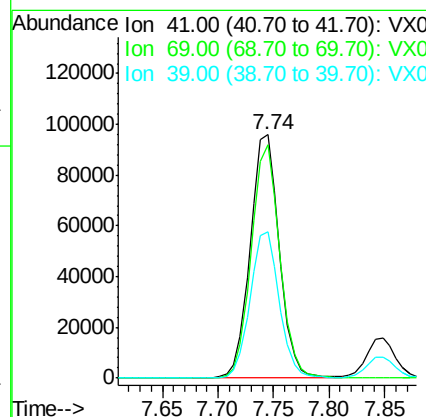
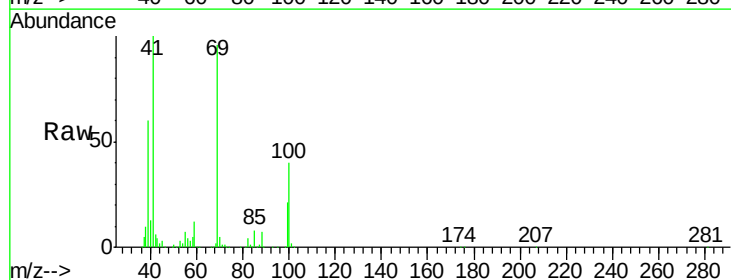
RT: 7.74 min Scan# 1092

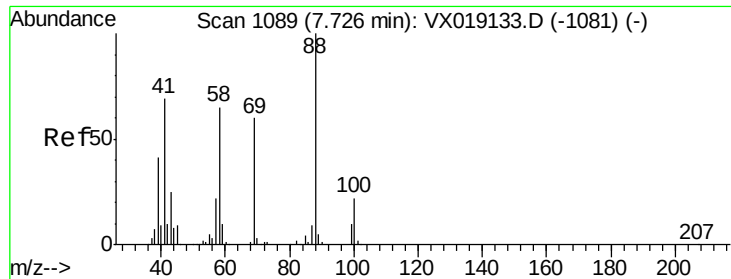
Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion:	41	Resp:	173924
Ion	Ratio	Lower	Upper
41	100		
69	94.4	75.5	113.3
39	60.4	48.9	73.3





#49

1,4-Dioxane

Concen: 1108.271 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

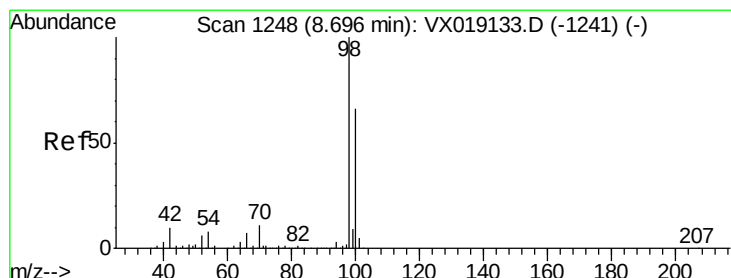
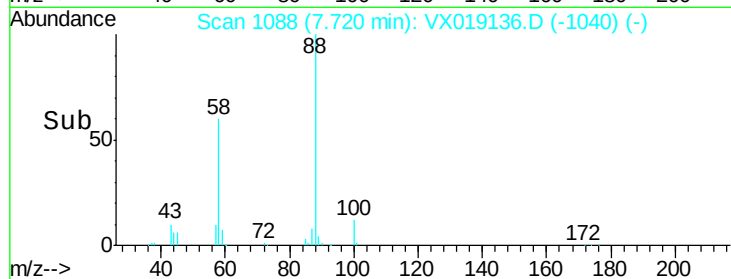
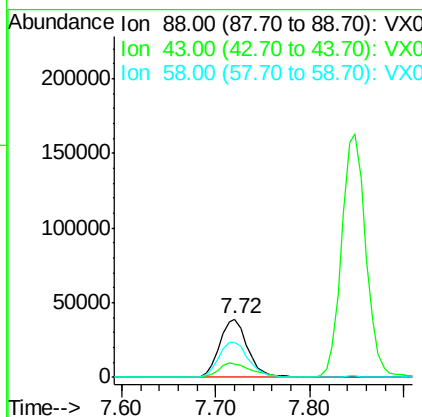
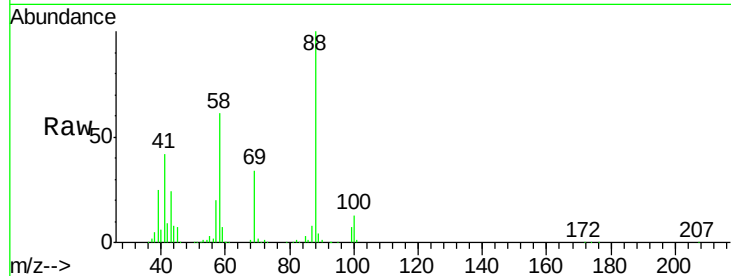
ClientSampleId :

ICVVX102720

Tot Ion:	88	Resp:	79915
Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.0	34.6
58	65.1	52.2	78.2

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#50

Toluene-d8

Concen: 46.612 ug/l

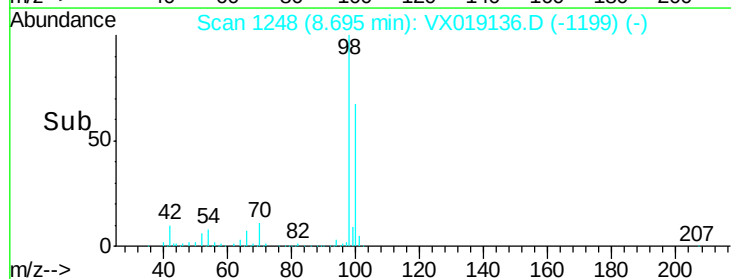
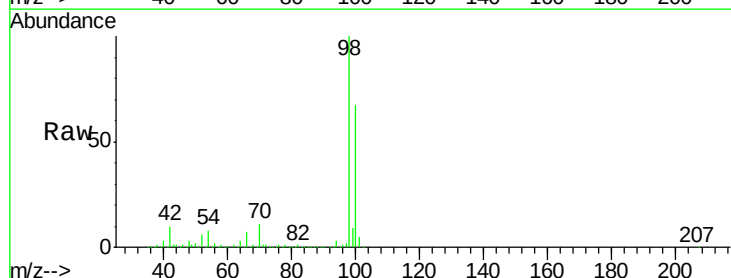
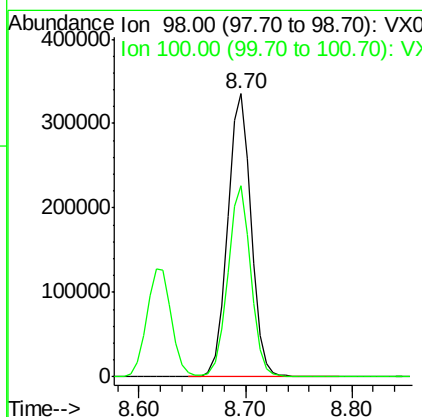
RT: 8.70 min Scan# 1248

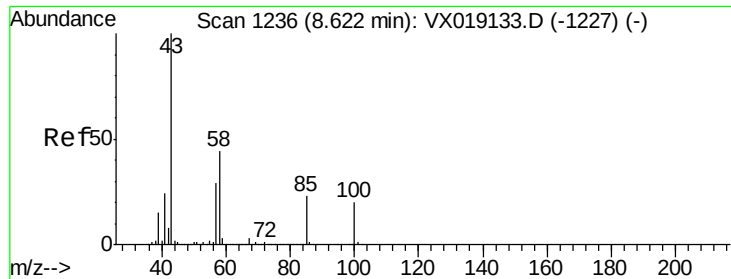
Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion:	98	Resp:	517912
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6





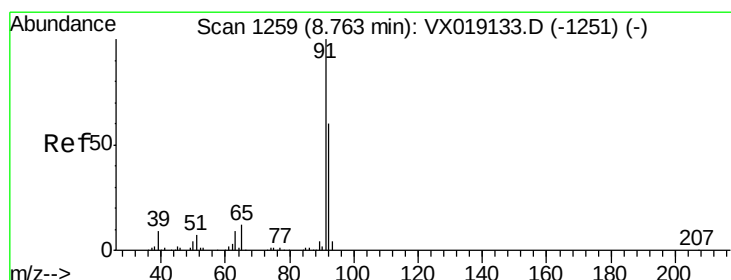
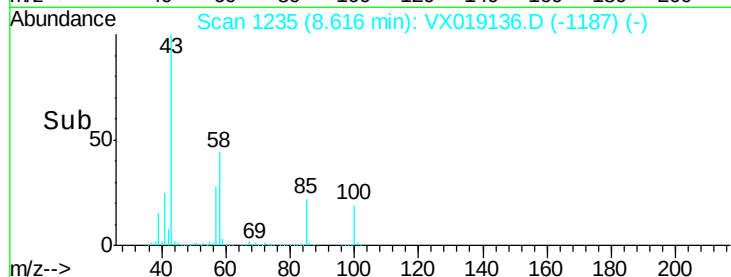
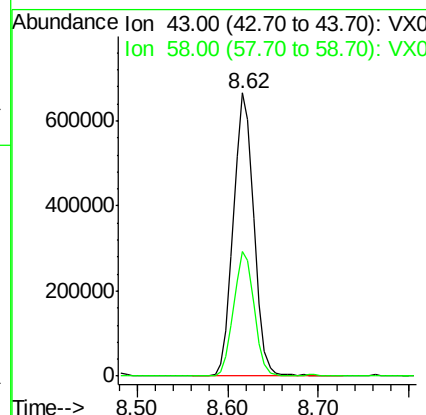
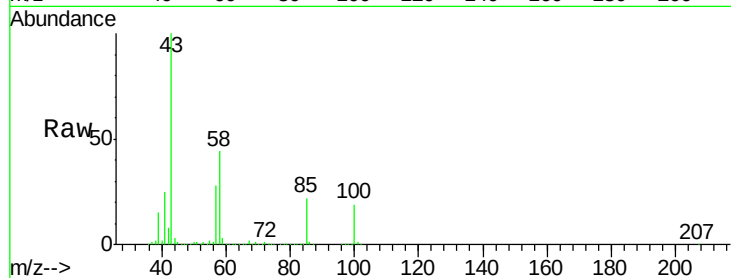
#51
4-Methyl-2-Pentanone
Concen: 270.159 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion: 43 Resp: 1046028
Ion Ratio Lower Upper
43 100
58 43.9 35.0 52.4

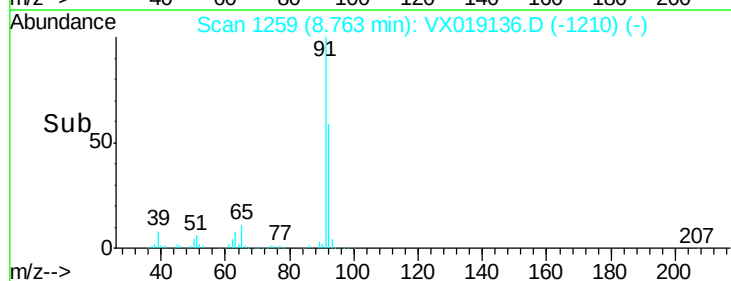
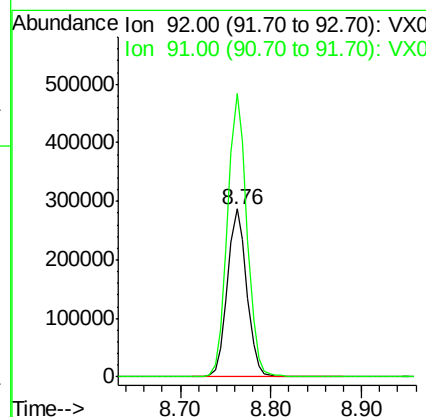
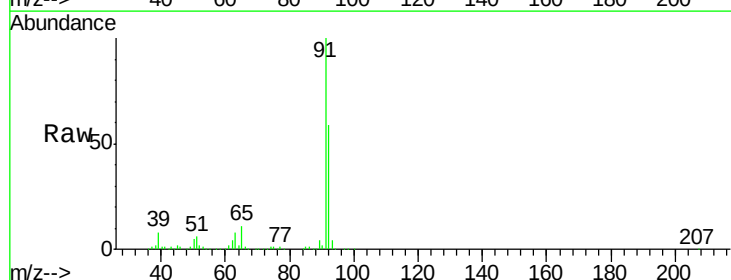
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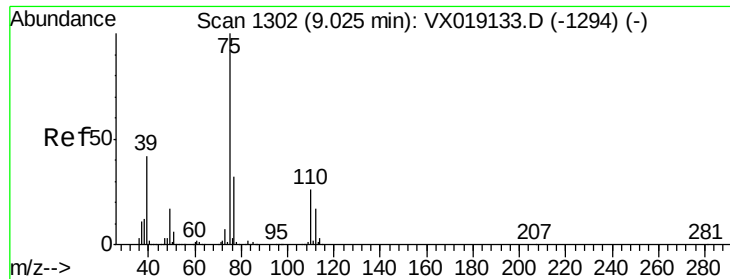
MMDadoda
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#52
Toluene
Concen: 54.062 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 92 Resp: 427790
Ion Ratio Lower Upper
92 100
91 169.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.199 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 75 Resp: 271521

Ion Ratio Lower Upper

75 100

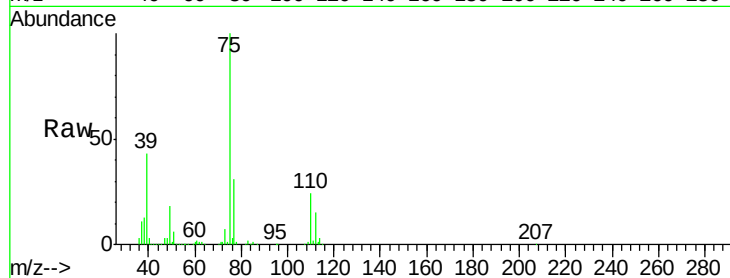
77 31.3 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

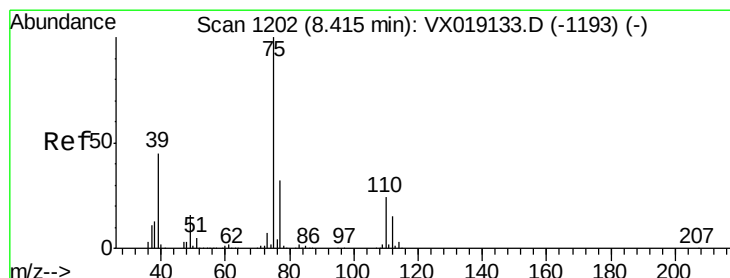
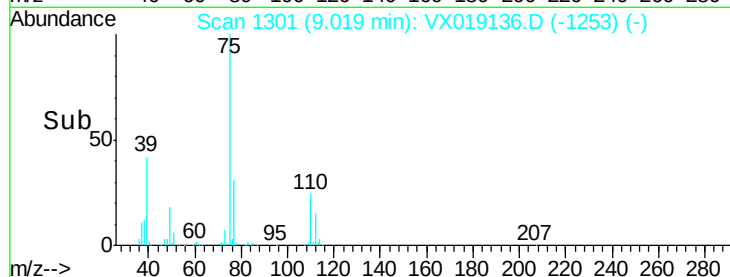
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 54.730 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

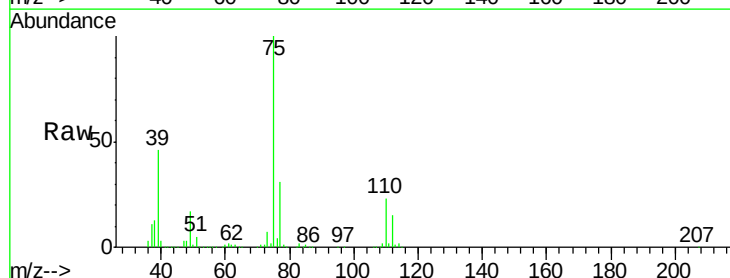
Tgt Ion: 75 Resp: 288320

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 45.9 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

200000

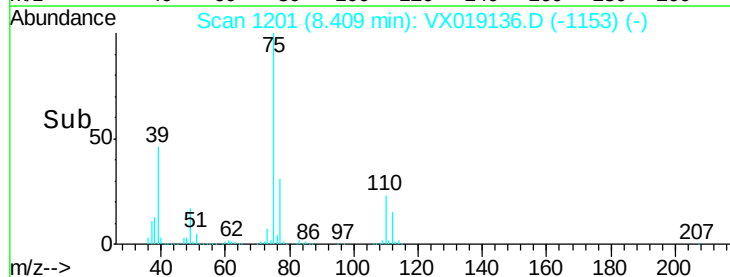
150000

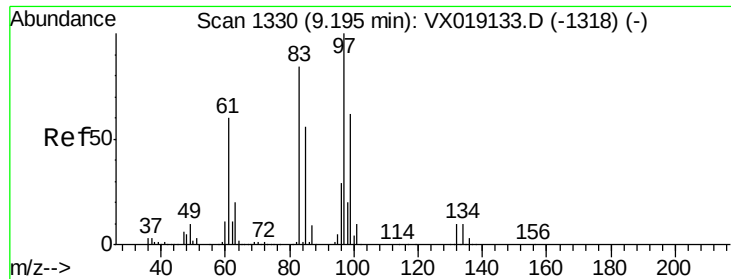
100000

50000

0

Time--> 8.30 8.40 8.50





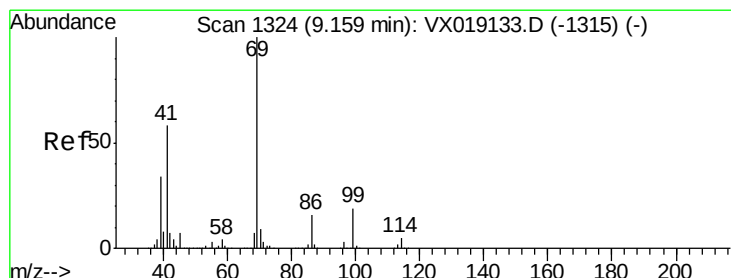
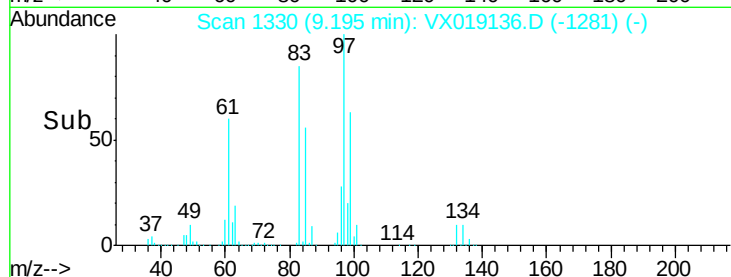
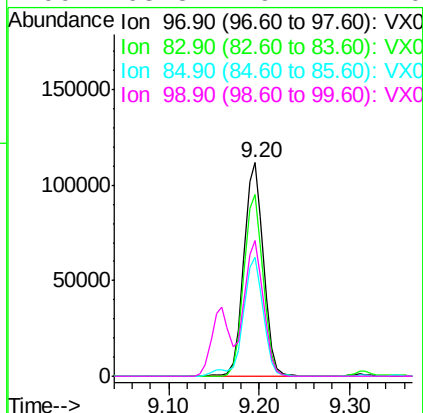
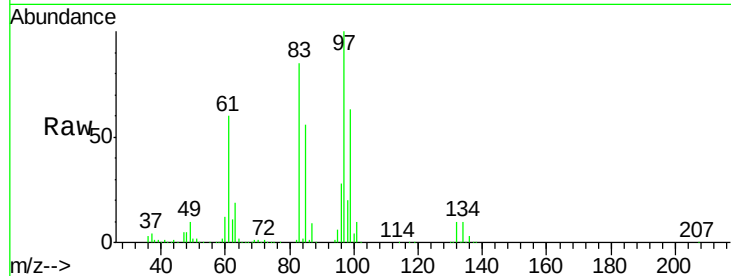
#55
 1,1,2-Trichloroethane
 Concen: 53.360 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion:	97	Resp:	166830
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.2	100.8
85	55.9	44.6	67.0
99	63.3	49.4	74.0

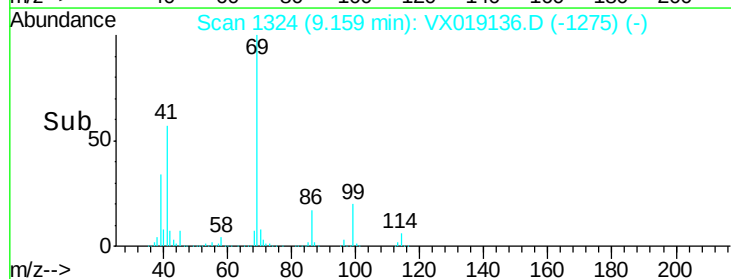
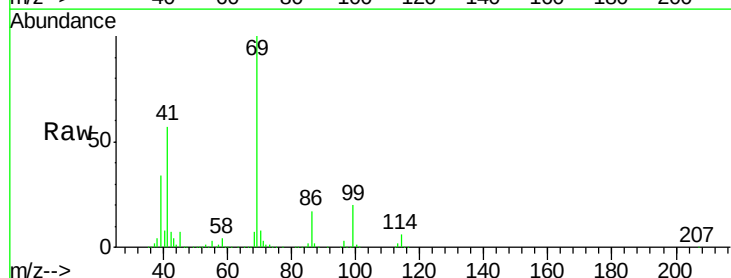
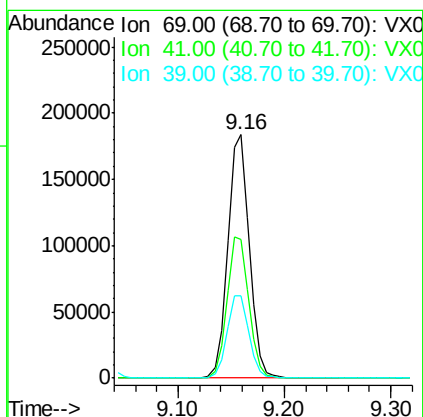
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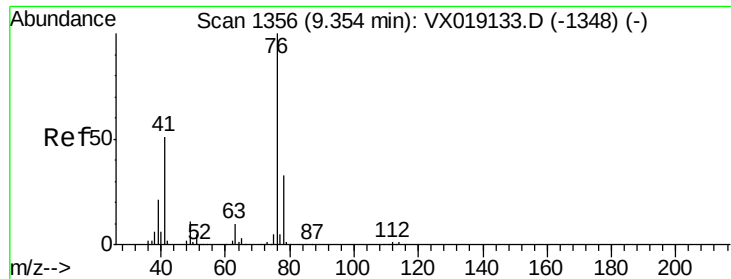
MMDadoda
 10/28/2020 12:33:01 PM



#56
 Ethyl methacrylate
 Concen: 55.111 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion:	69	Resp:	260259
Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.5	69.7
39	34.5	27.6	41.4





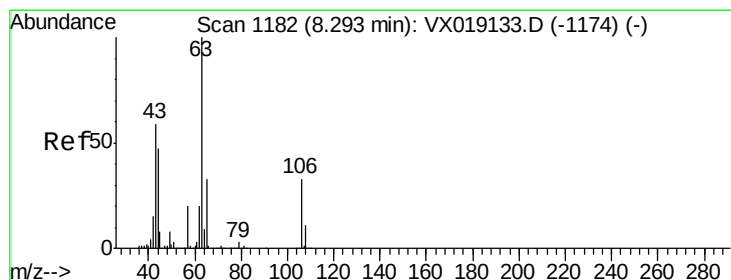
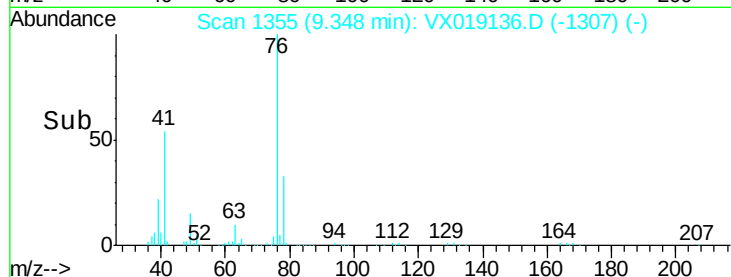
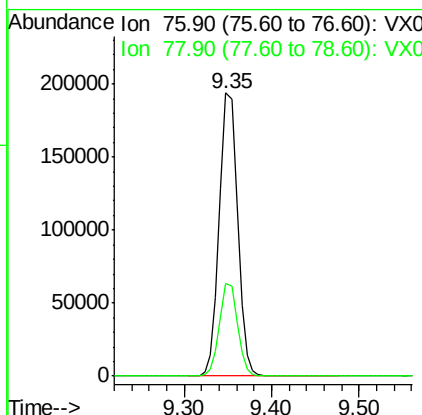
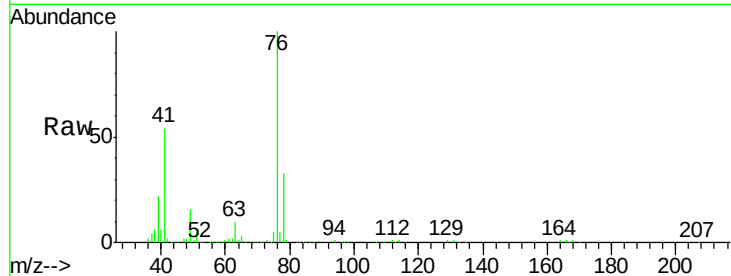
#57
 1,3-Dichloropropane
 Concen: 53.566 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

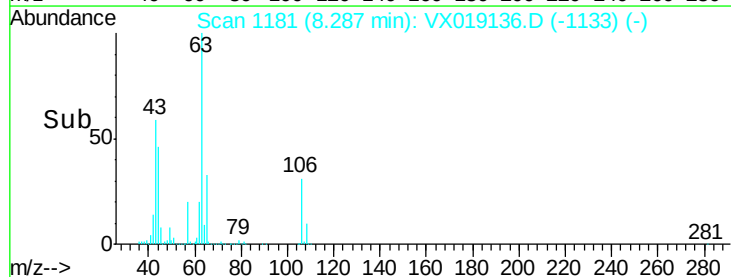
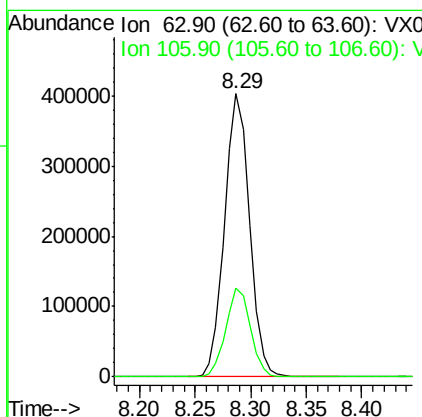
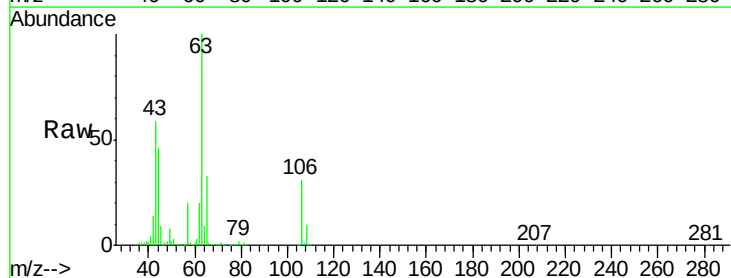
Manual Integrations
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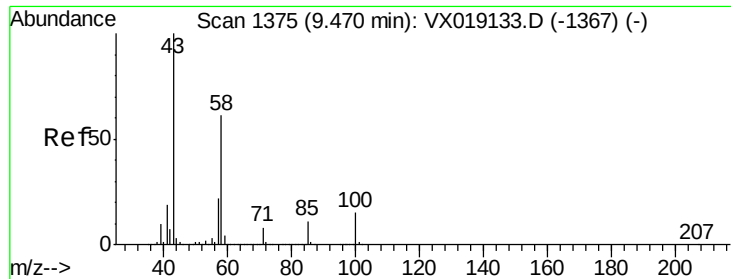
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 10/28/2020 12:33:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.290 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	25.1	37.7





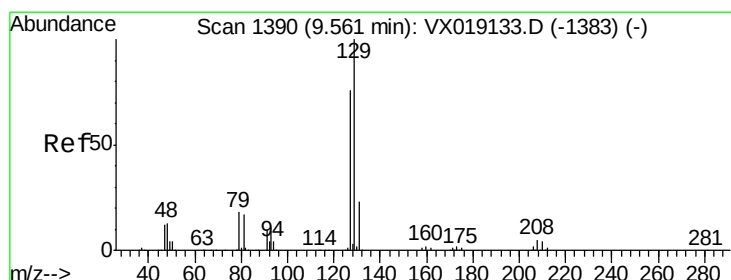
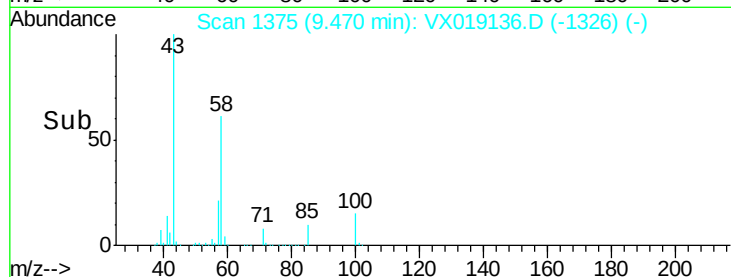
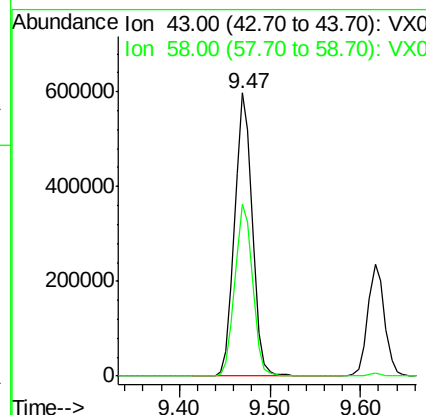
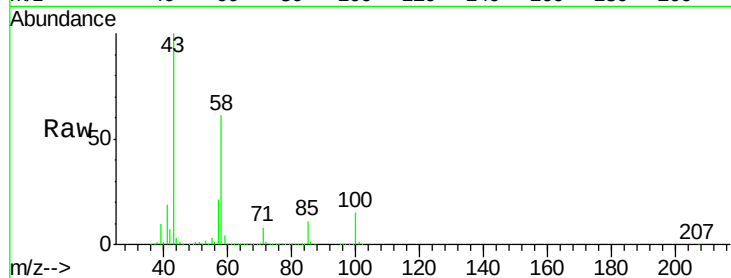
#59
2-Hexanone
Concen: 273.673 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.3	30.5	91.5

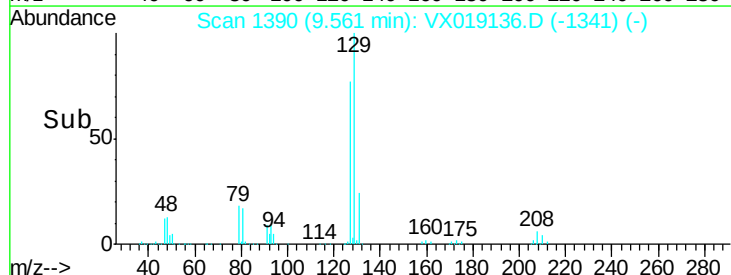
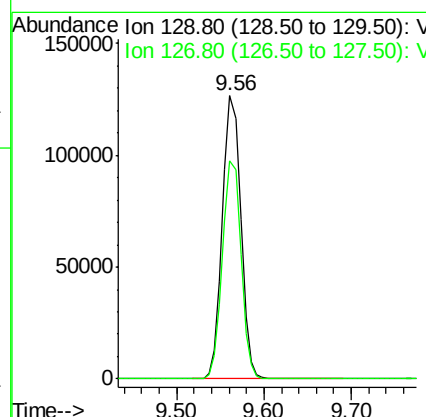
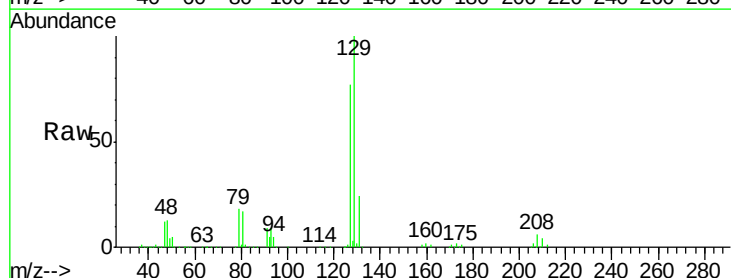
Manual Integrations
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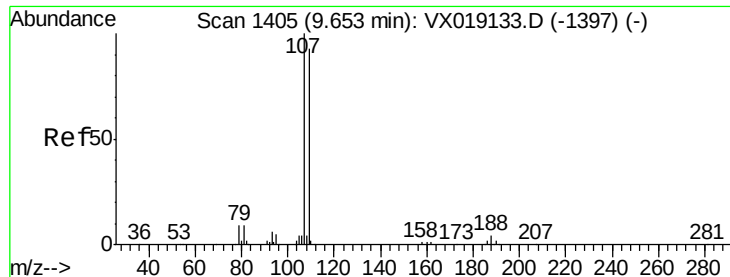
MMDadoda
10/28/2020 12:33:01 PM



#60
Dibromochloromethane
Concen: 54.754 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.8





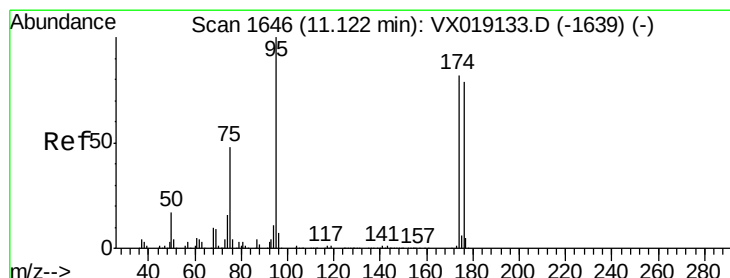
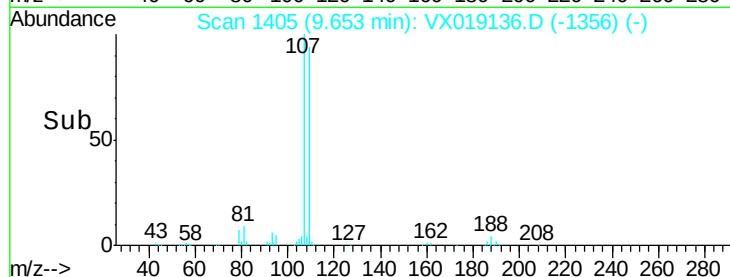
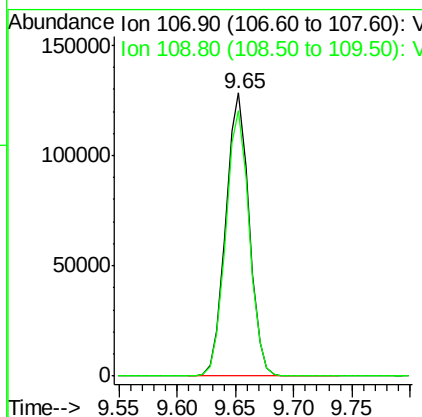
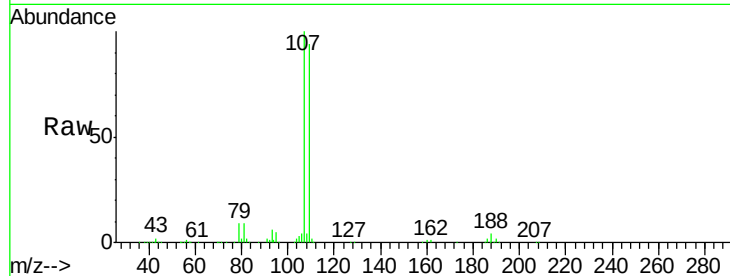
#61
 1,2-Dibromoethane
 Concen: 53.343 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.9	113.9

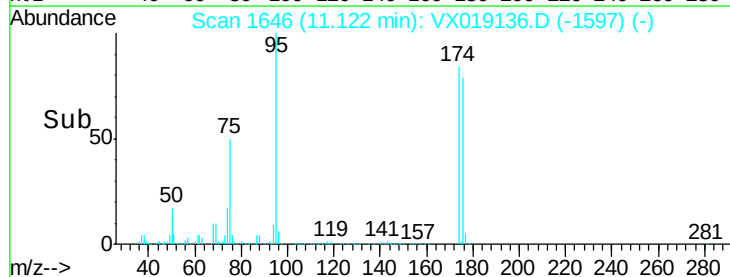
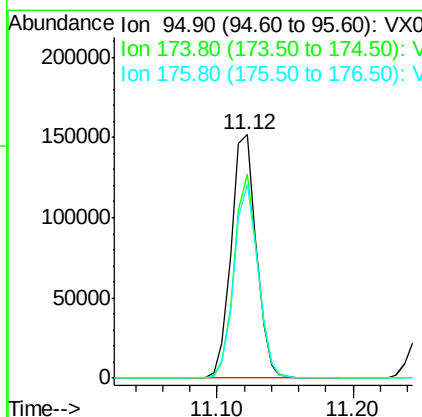
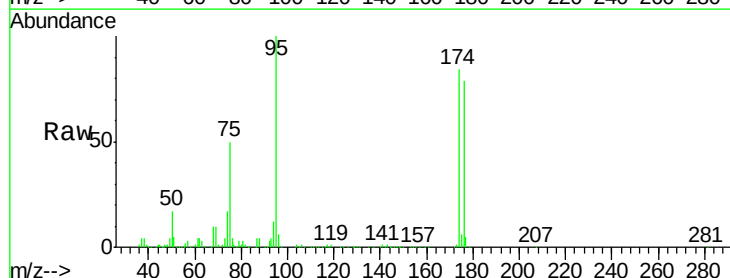
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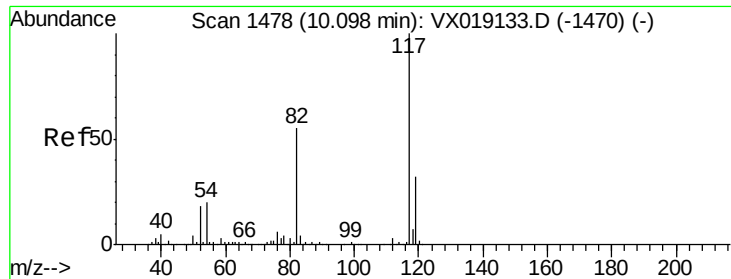
MMDadoda
 10/28/2020 12:33:01 PM



#62
 4-Bromofluorobenzene
 Concen: 46.413 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	156.0
176	76.3	0.0	149.8





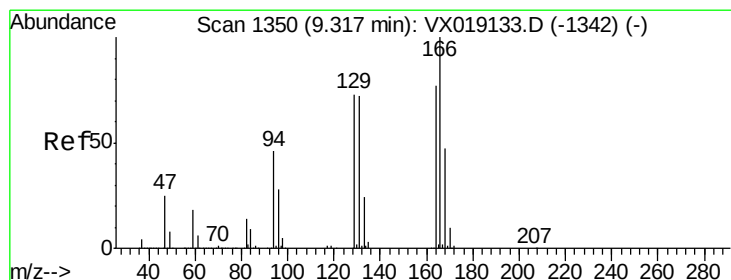
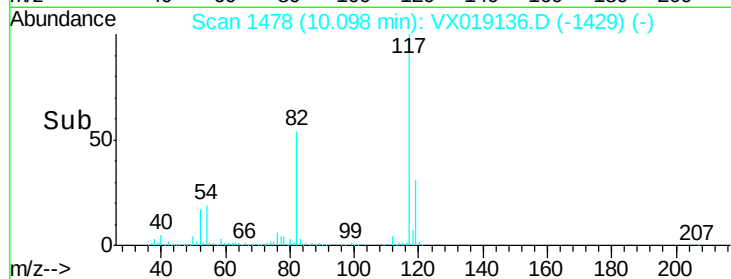
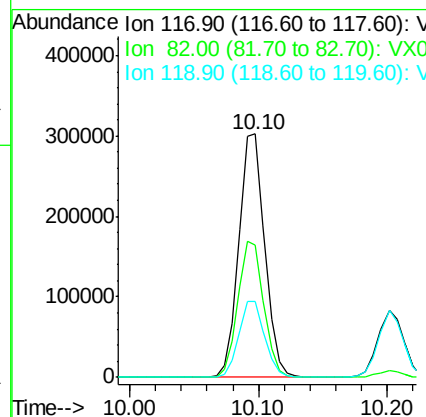
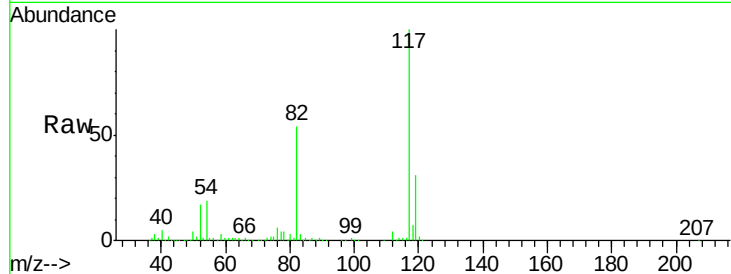
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
117	100	424194		
82	54.1	43.6	65.4	
119	31.4	25.5	38.3	

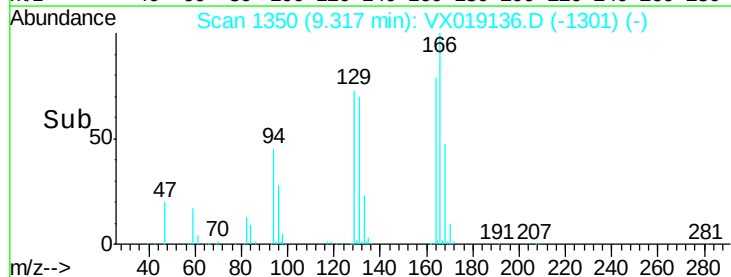
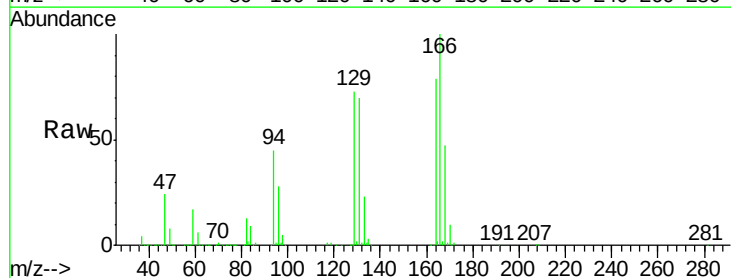
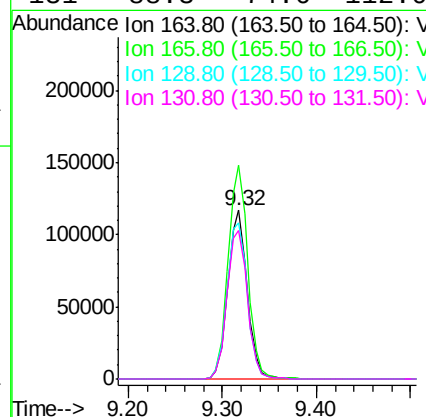
Manual Integrations
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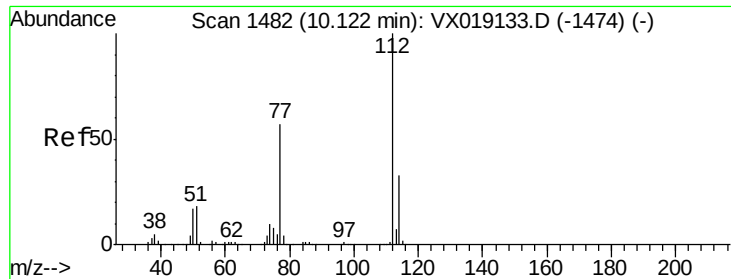
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#64
Tetrachloroethene
Concen: 51.453 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166291		
166	126.7	104.1	156.1	
129	92.5	76.2	114.4	
131	88.3	74.6	112.0	





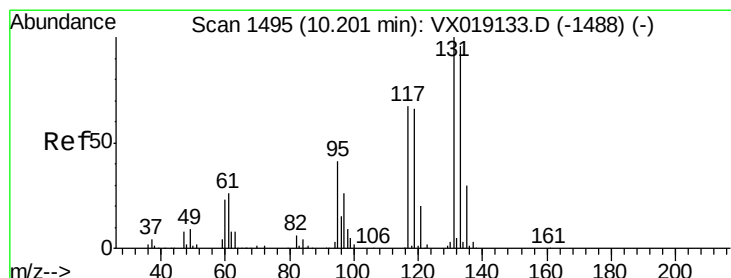
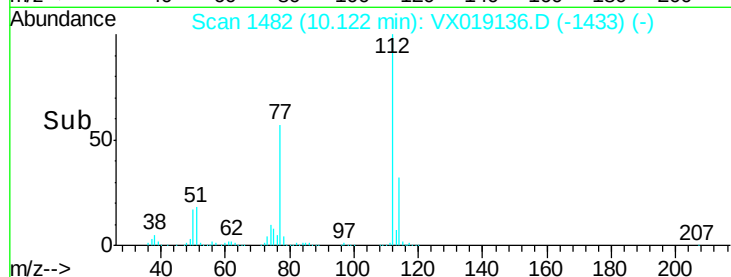
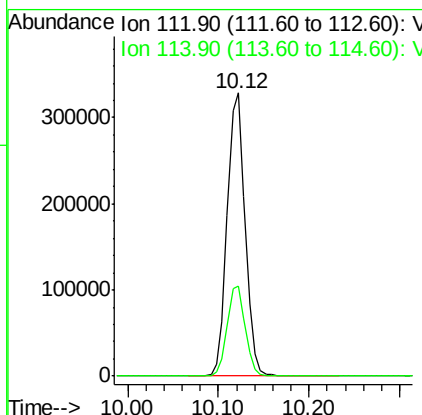
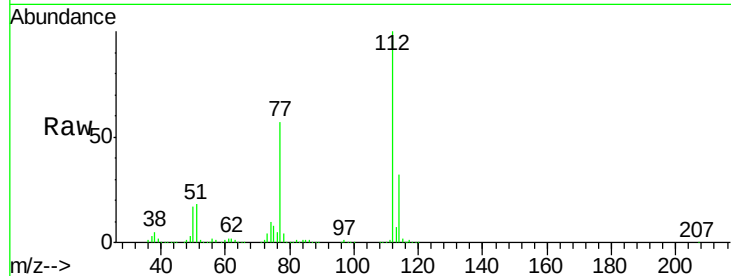
#65
Chlorobenzene
Concen: 51.981 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
112	100	450682		
114	31.8	26.1	39.1	

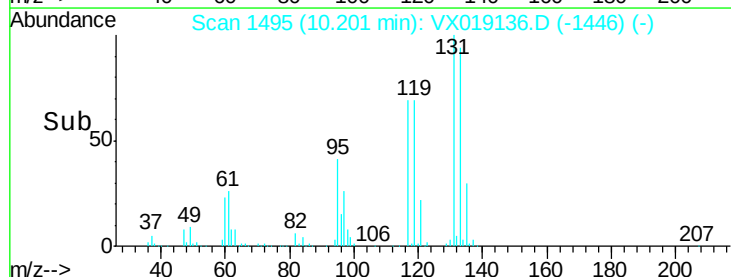
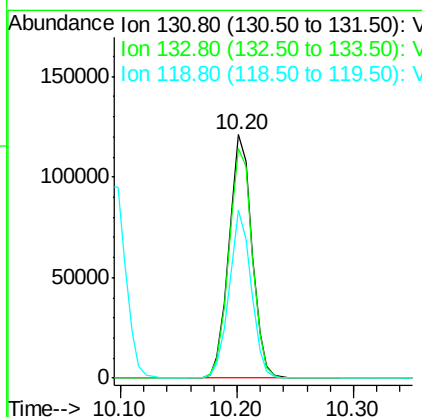
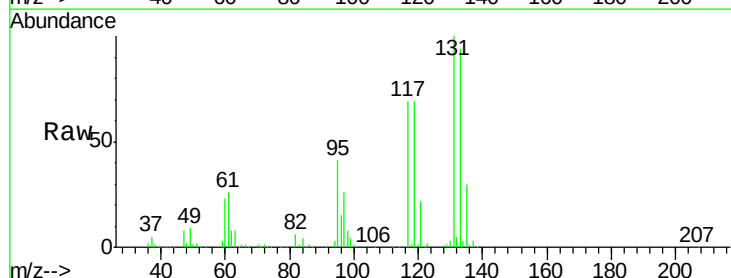
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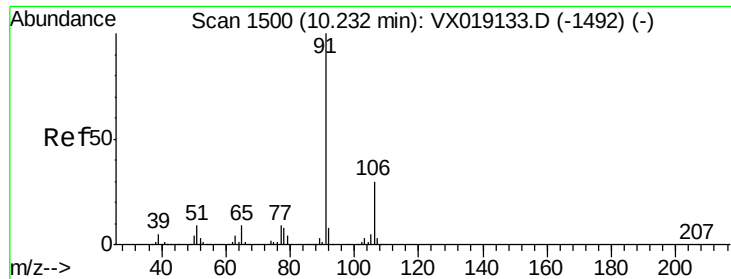
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.222 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	166121		
133	96.2	47.3	141.8	
119	66.4	32.3	96.9	





#67

Ethyl Benzene

Concen: 53.169 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 91 Resp: 821422

Ion Ratio Lower Upper

91 100

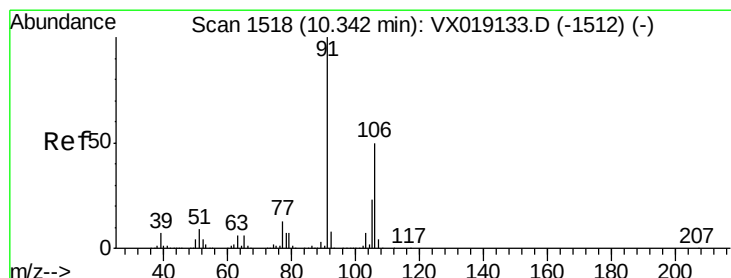
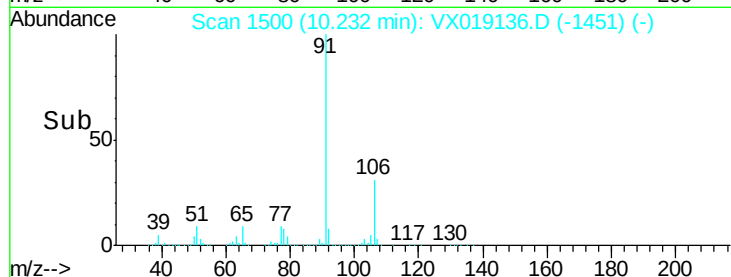
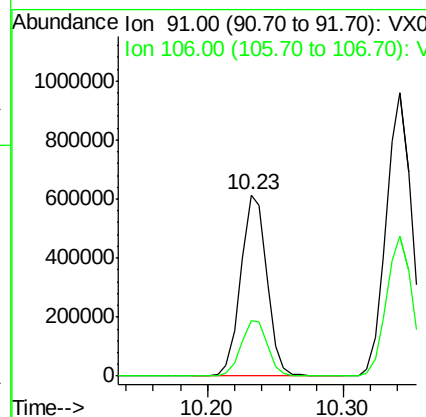
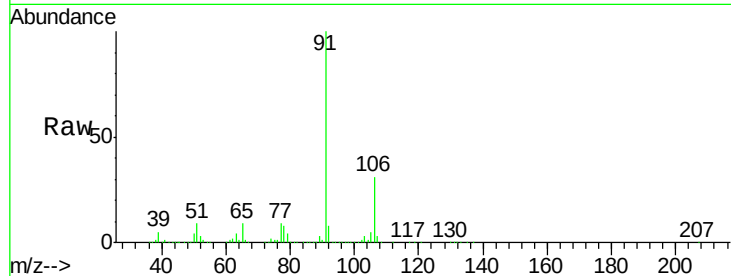
106 30.8 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 108.415 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019136.D

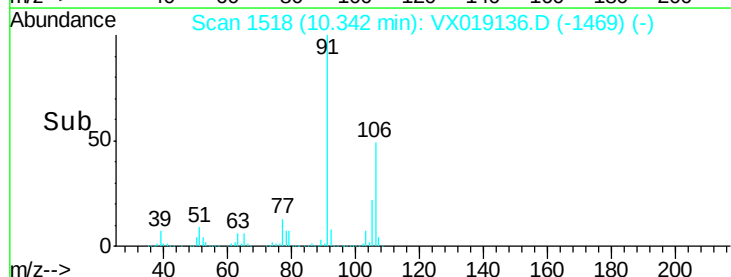
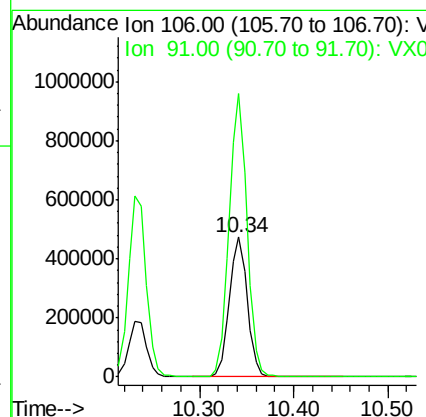
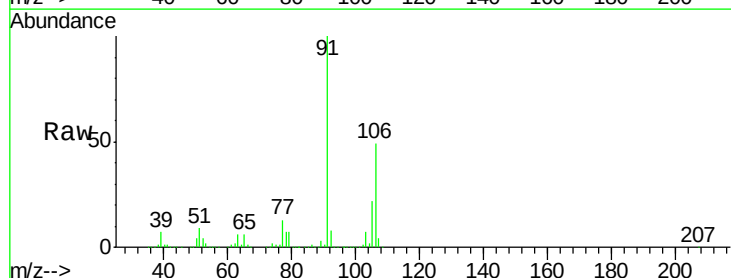
Acq: 27 Oct 2020 14:53

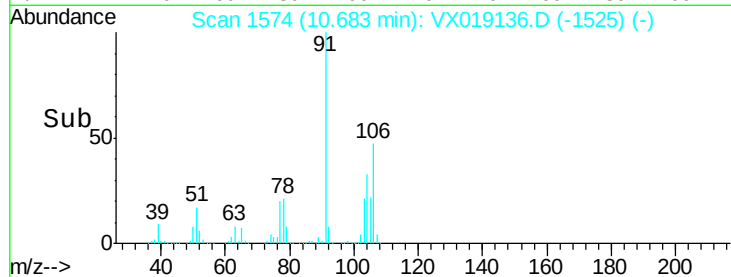
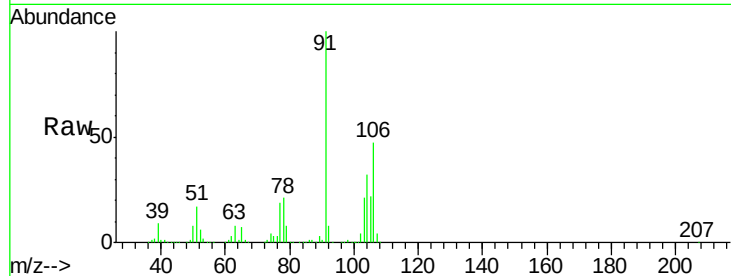
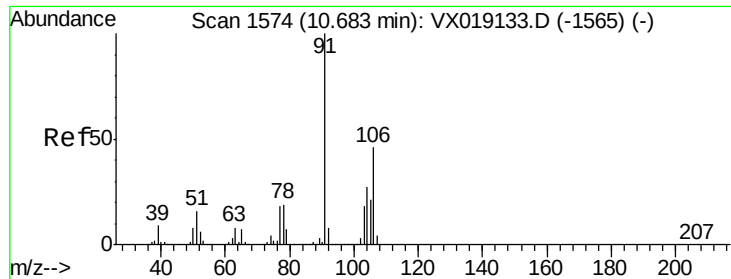
Tgt Ion: 106 Resp: 628638

Ion Ratio Lower Upper

106 100

91 200.7 161.0 241.4





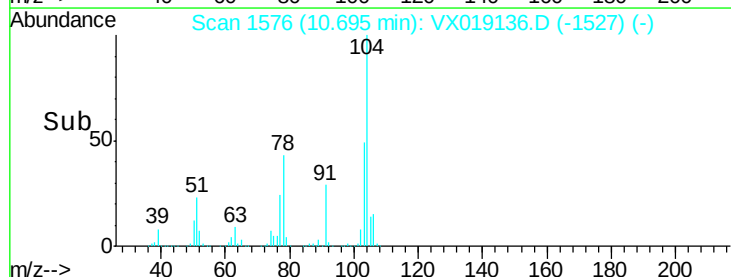
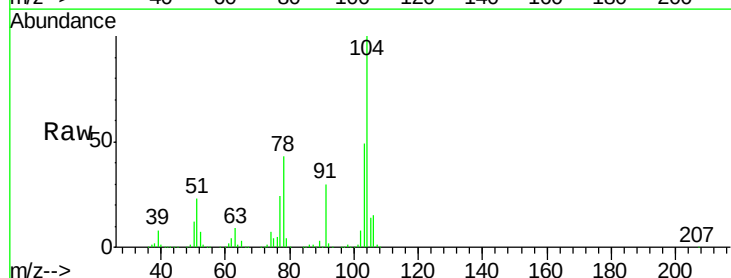
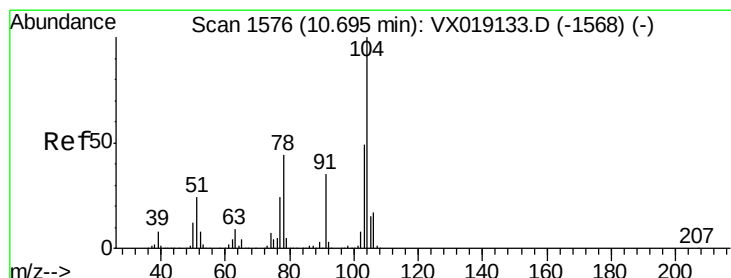
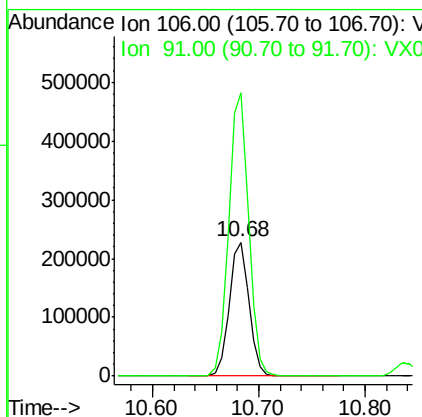
#69
o-Xylene
Concen: 53.916 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	296529		
91	91	213.0	108.3	324.8	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

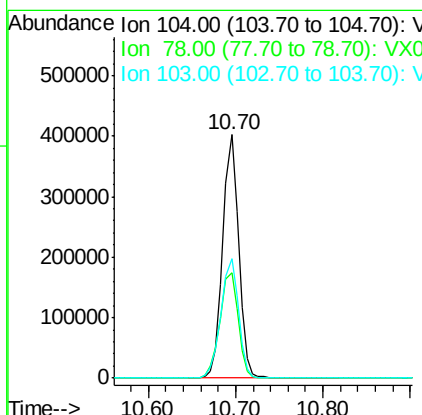
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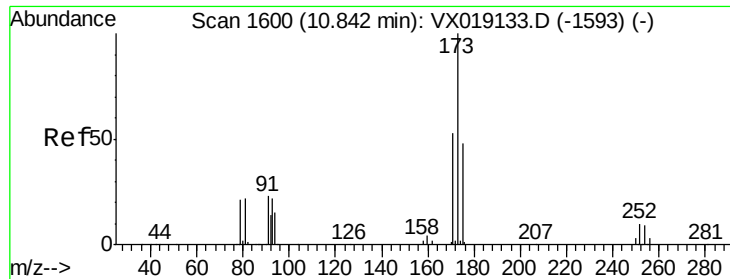
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#70
Styrene
Concen: 53.939 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	506159		
78	78	50.0	40.0	60.0	
103	103	54.1	43.5	65.3	





#71

Bromoform

Concen: 54.223 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

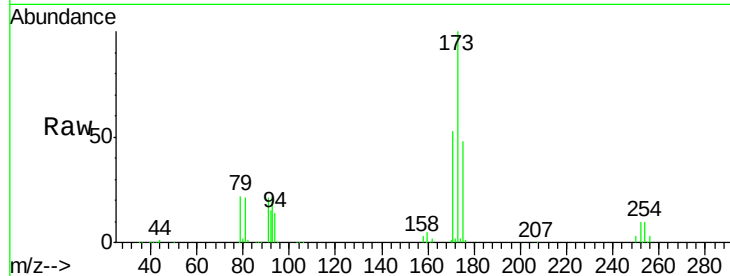
ClientSampleId :

ICVVX102720

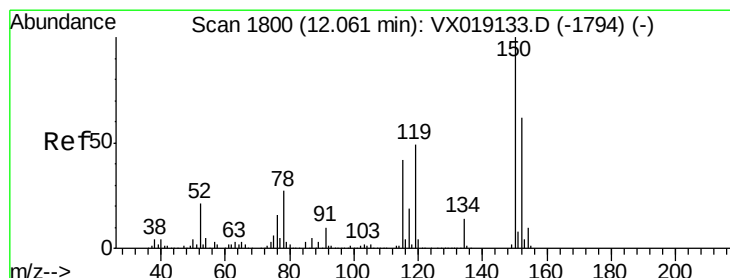
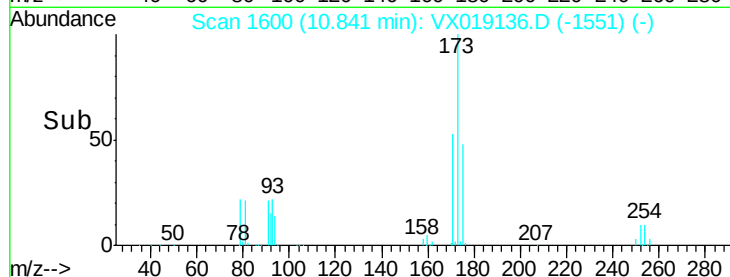
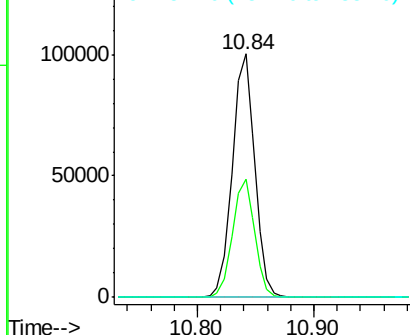
Tot Ion:	173	Resp:	134187
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.4	73.4
254	0.1	0.1	0.1

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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

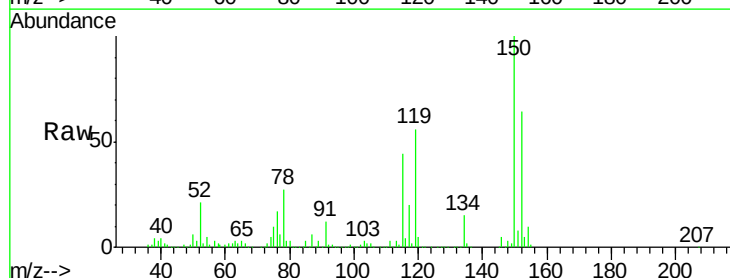
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

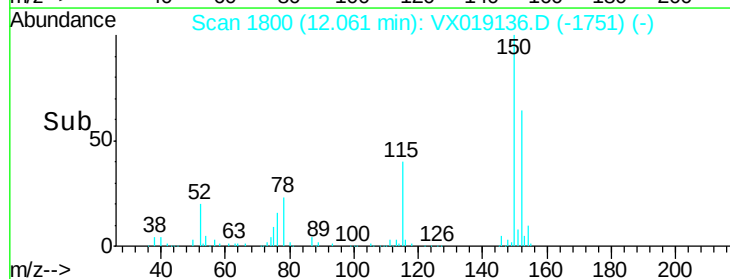
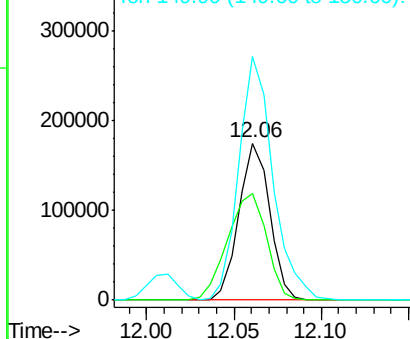
Lab File: VX019136.D

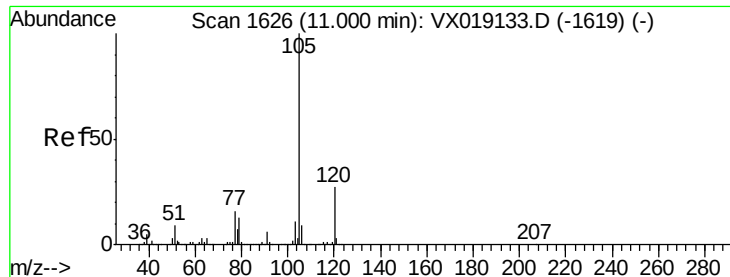
Acq: 27 Oct 2020 14:53

Tgt Ion:	152	Resp:	215070
Ion Ratio	Lower	Upper	
152	100		
115	86.2	41.9	125.7
150	172.9	0.0	347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.630 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 105 Resp: 801220

Ion Ratio Lower Upper

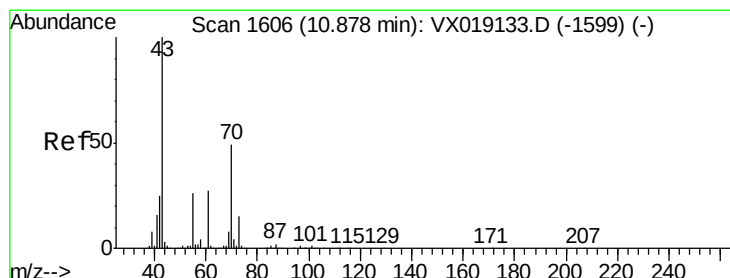
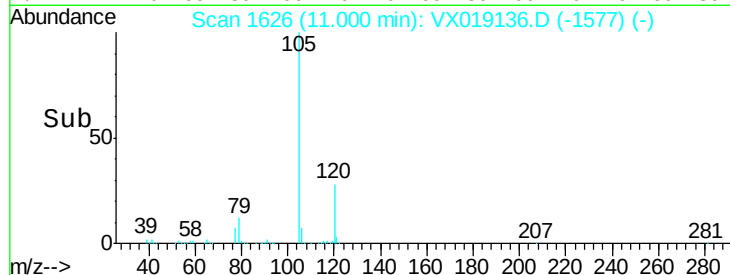
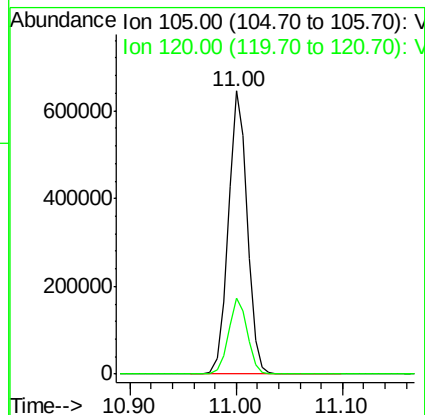
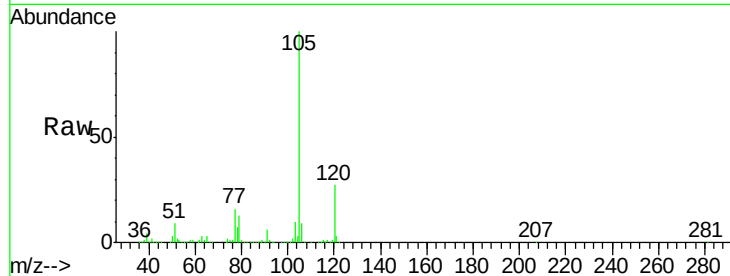
105 100

120 26.6 13.3 39.8

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#74

N-ethyl acetate

Concen: 53.284 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion: 43 Resp: 296592

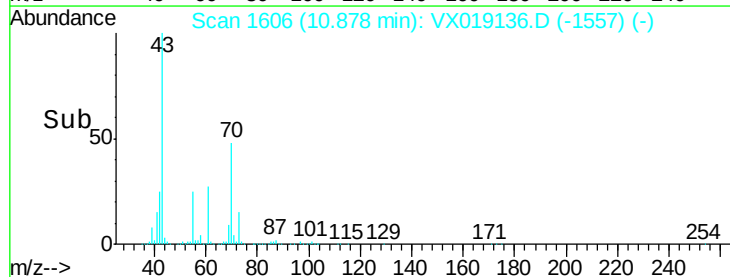
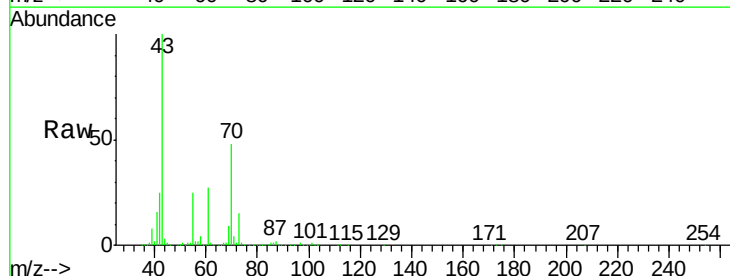
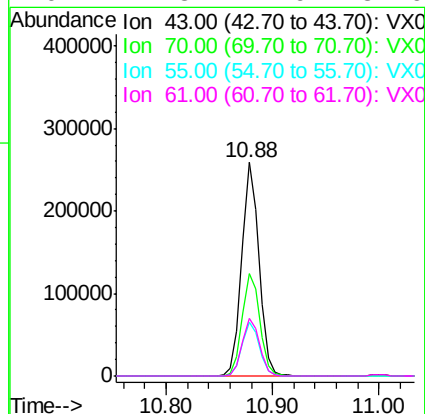
Ion Ratio Lower Upper

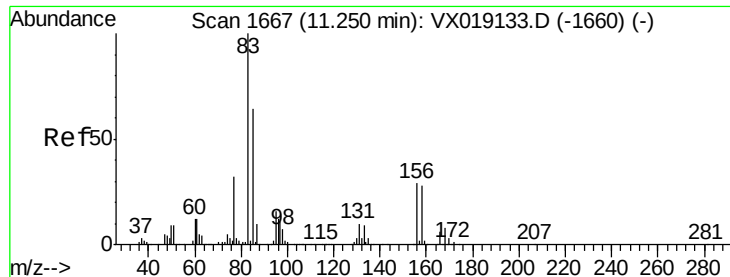
43 100

70 49.3 39.6 59.4

55 25.7 20.7 31.1

61 27.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.775 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 83 Resp: 251095
Ion Ratio Lower Upper

83 100

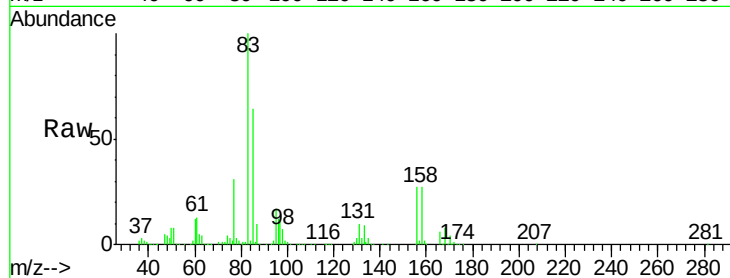
131 10.4 5.2 15.6

85 63.6 32.1 96.3

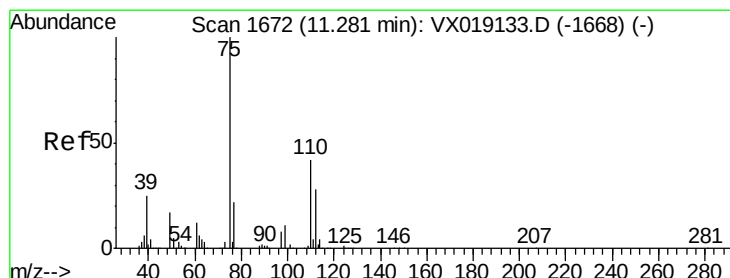
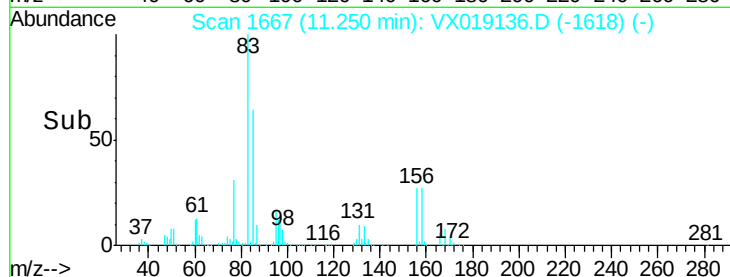
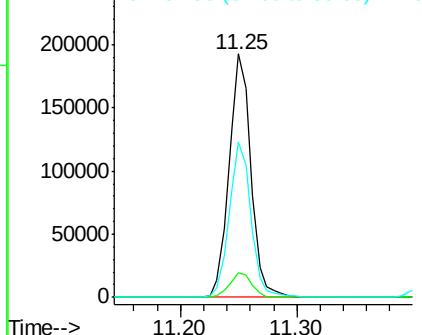
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.071 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

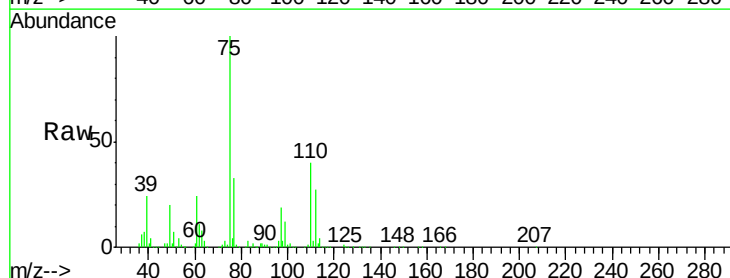
Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

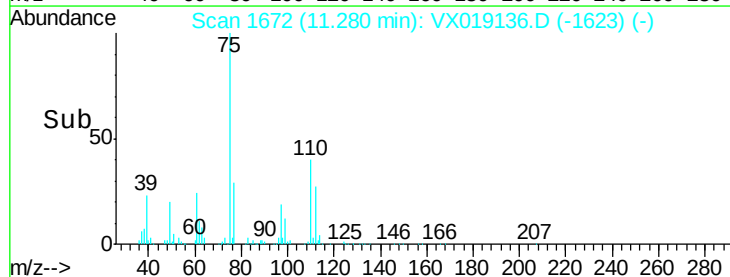
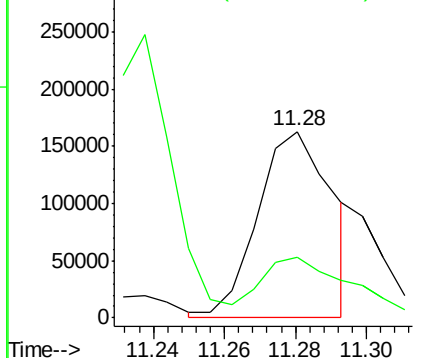
Tgt Ion: 75 Resp: 235673
Ion Ratio Lower Upper

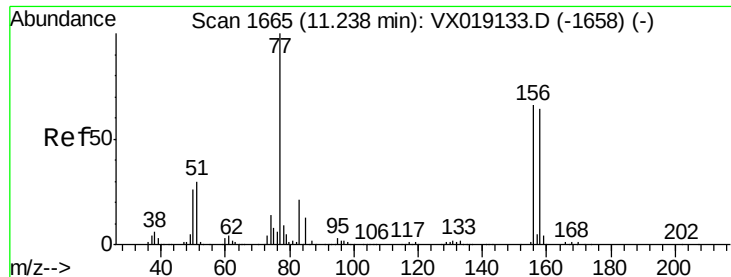
75 100

77 39.7 20.3 60.9



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





#77

Bromobenzene

Concen: 51.491 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

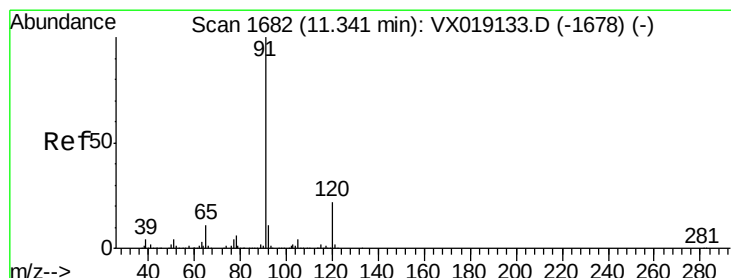
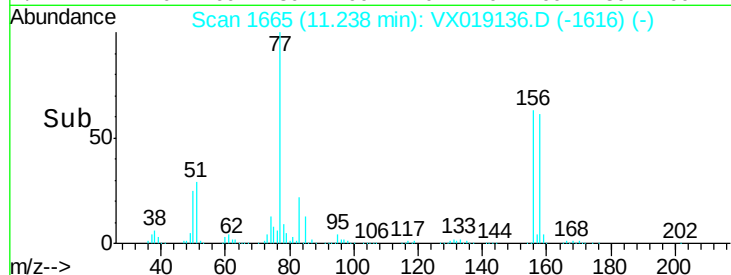
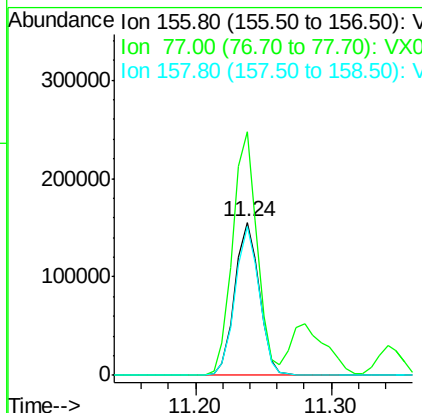
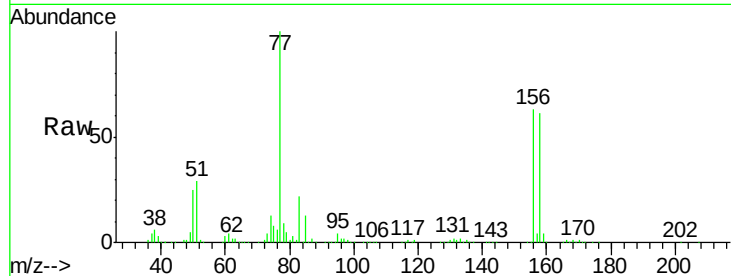
ClientSampleId :

ICVVX102720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		194551		
77	160.4		77.7	233.1	
158	96.3		48.3	144.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 53.640 ug/l

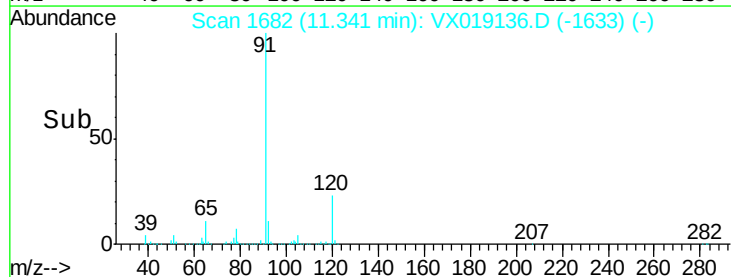
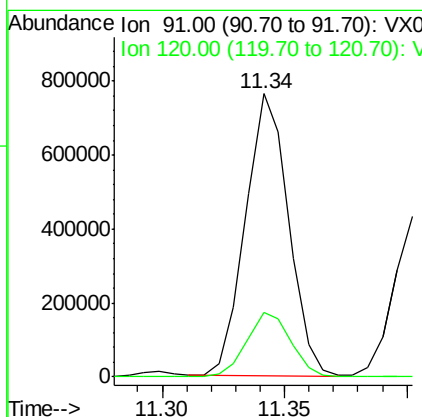
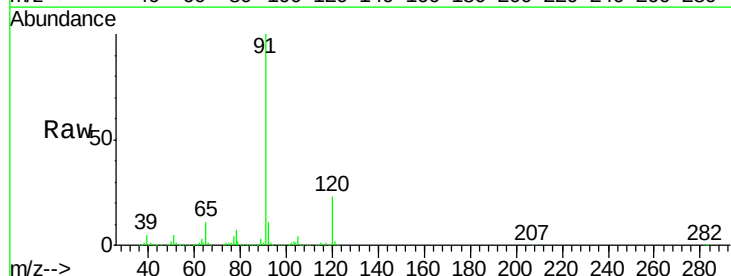
RT: 11.34 min Scan# 1682

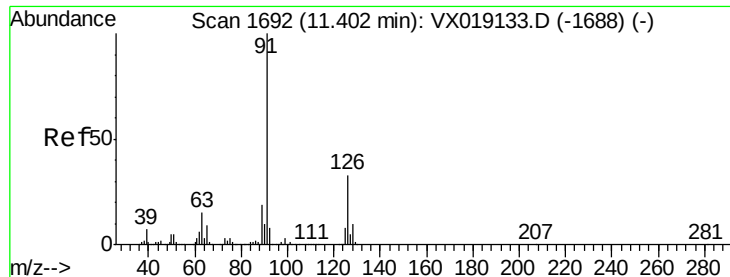
Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		932172		
120	23.5		11.7	35.0	





#79

2-Chlorotoluene

Concen: 52.407 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

Tot Ion: 91 Resp: 536198

Ion Ratio Lower Upper

91 100

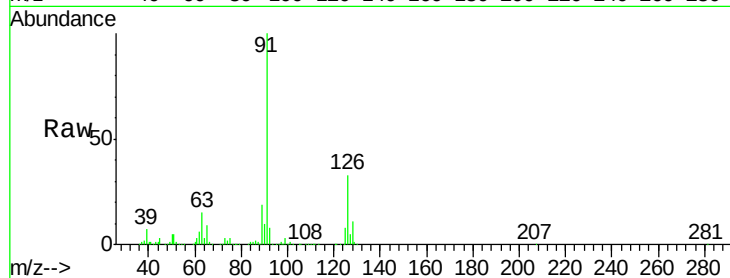
126 33.3 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)

800000

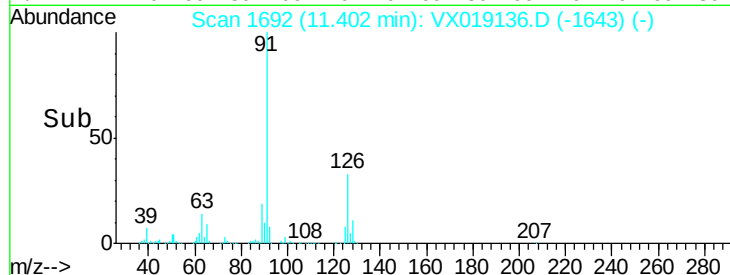
600000

400000

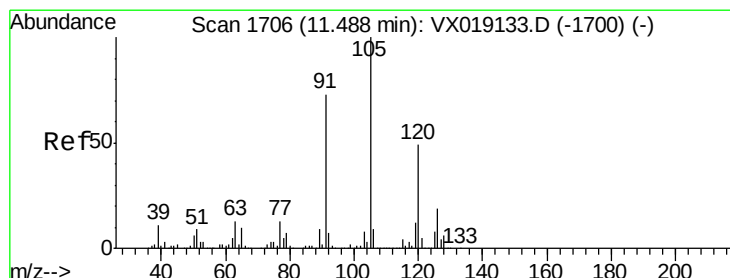
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.487 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019136.D

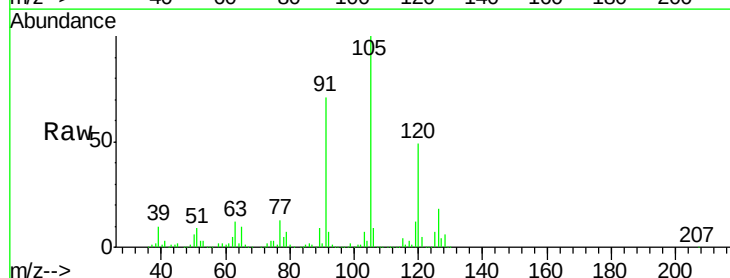
Acq: 27 Oct 2020 14:53

Tgt Ion: 105 Resp: 687893

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)

600000

500000

400000

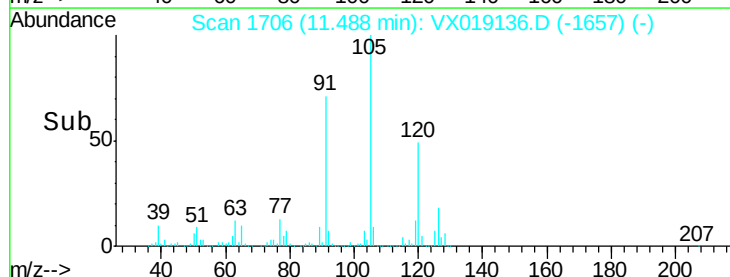
300000

200000

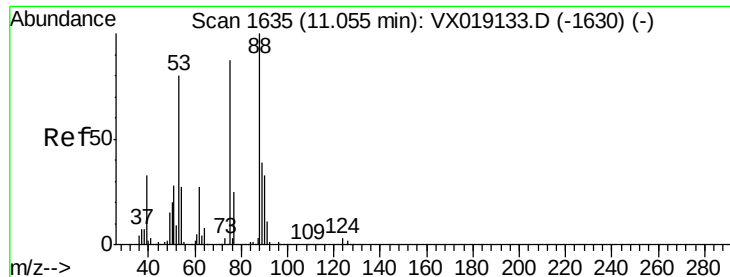
100000

0

11.40 11.50 11.60



Time-->



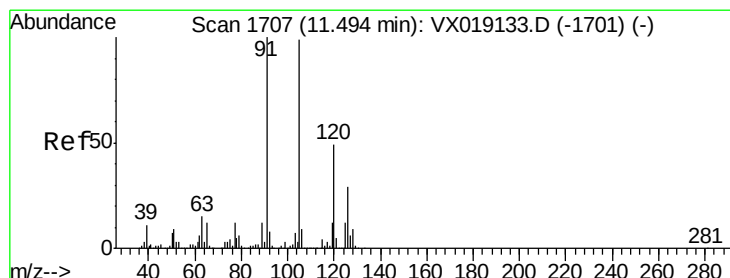
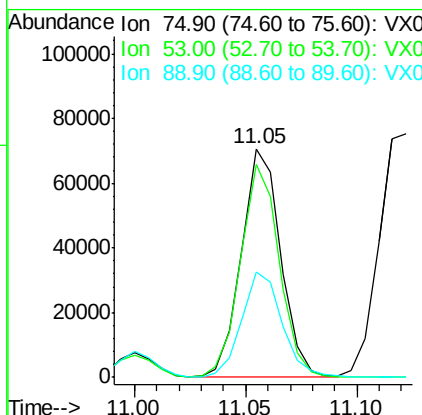
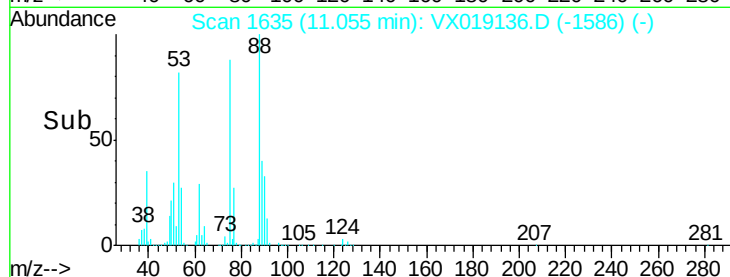
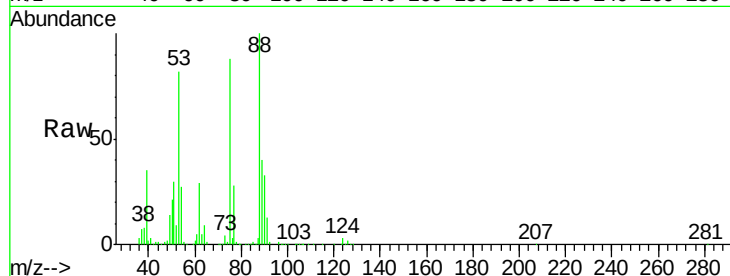
#81
trans-1,4-Dichloro-2-butene
Concen: 51.262 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.3	73.3	109.9
89	48.1	38.2	57.2

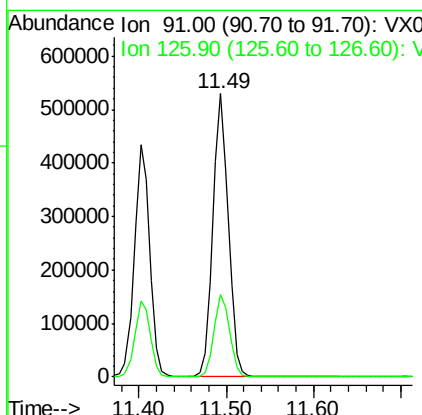
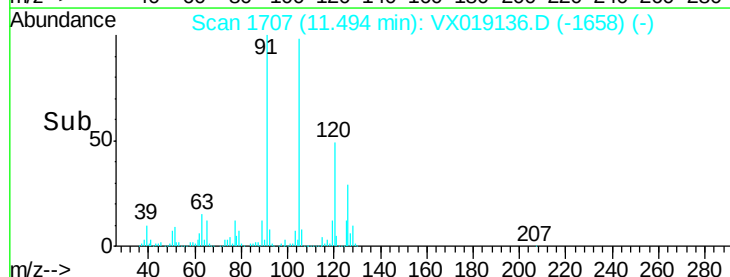
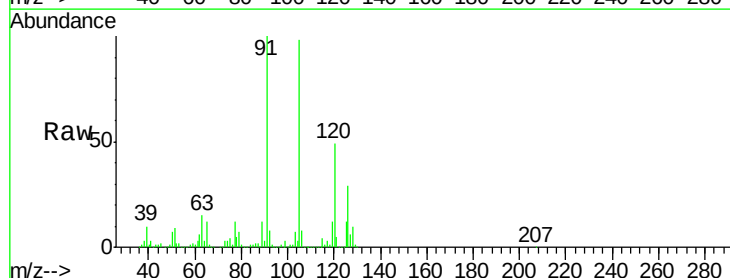
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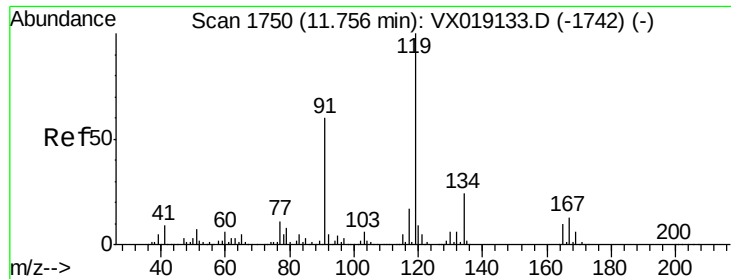
MMDadoda
10/28/2020 12:33:01 PM



#82
4-Chlorotoluene
Concen: 52.122 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.8	44.4





#83

tert-Butylbenzene

Concen: 54.218 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

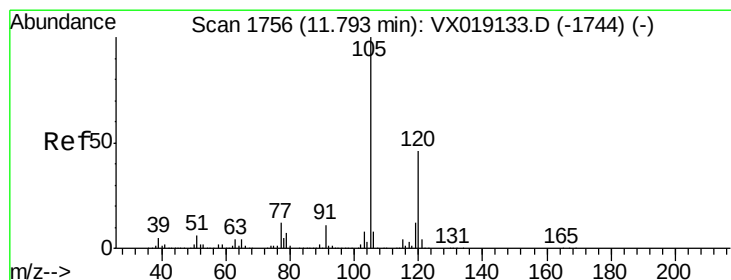
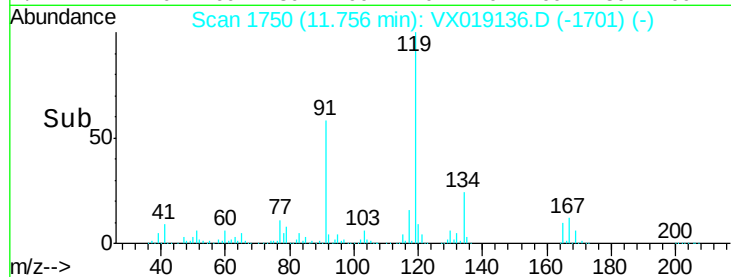
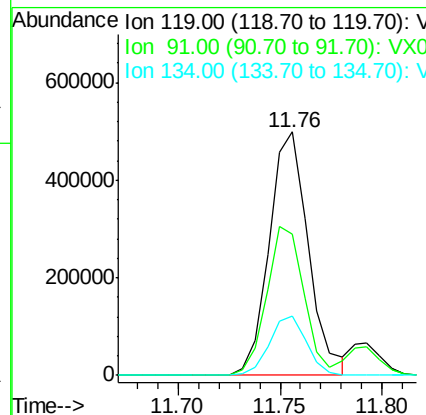
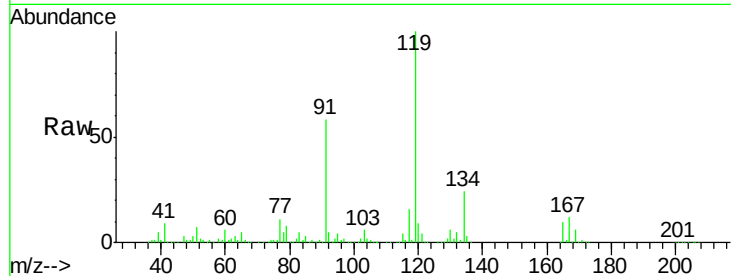
ClientSampleId :

ICVVX102720

Tot Ion:	119	Resp:	667661
Ion Ratio	Lower	Upper	
119	100		
91	58.3	29.0	87.1
134	23.0	11.7	35.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.926 ug/l

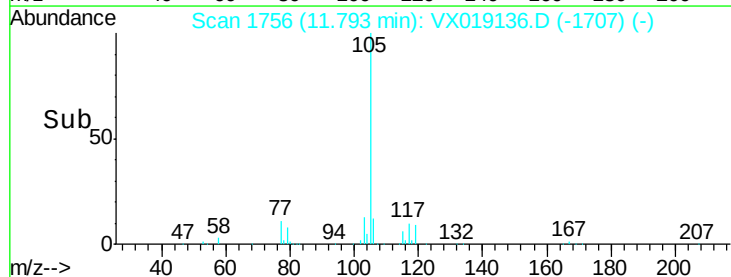
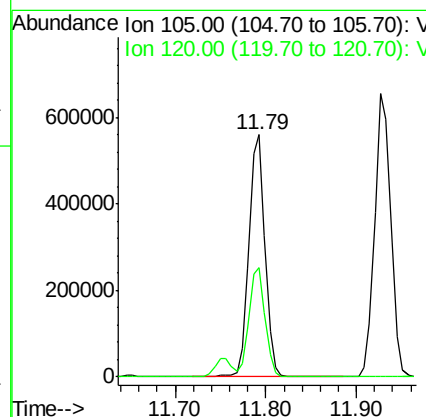
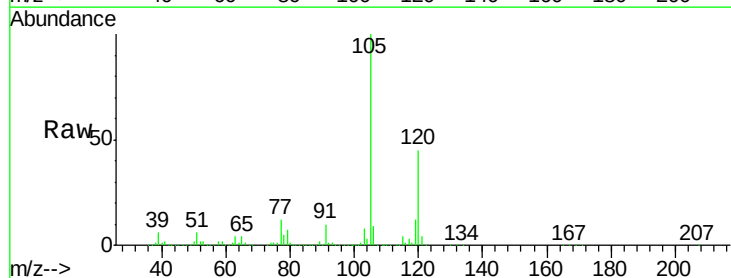
RT: 11.79 min Scan# 1756

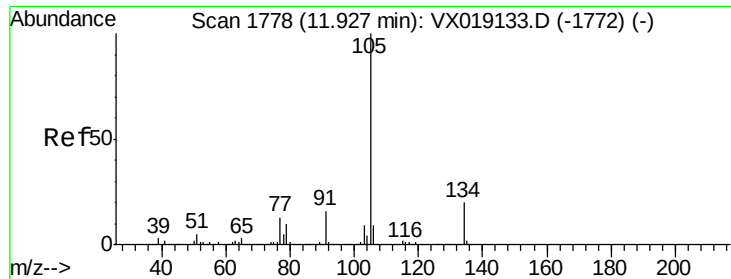
Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion:	105	Resp:	687180
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.4	67.3





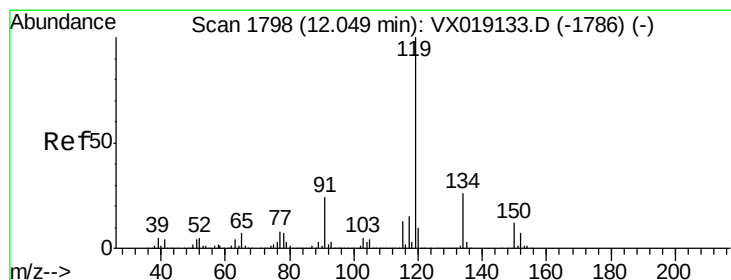
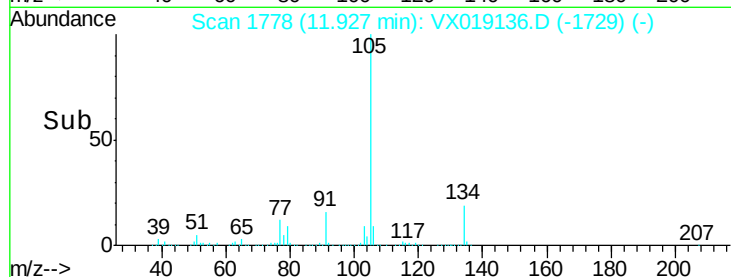
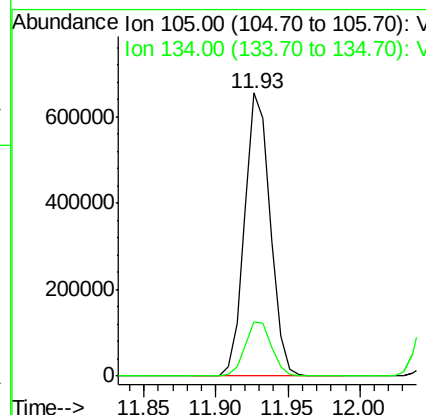
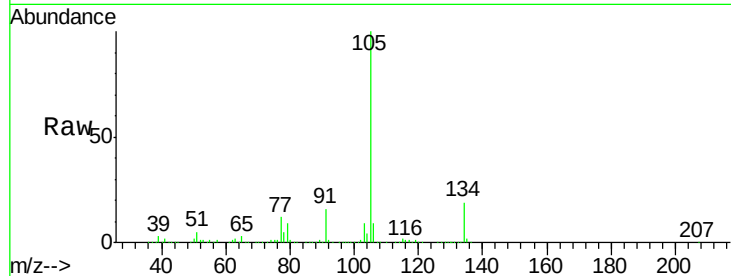
#85
 sec-Butylbenzene
 Concen: 54.533 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1

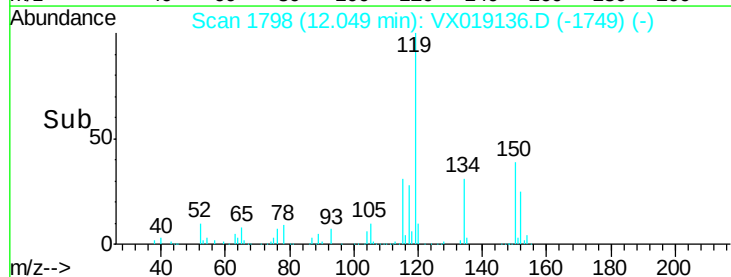
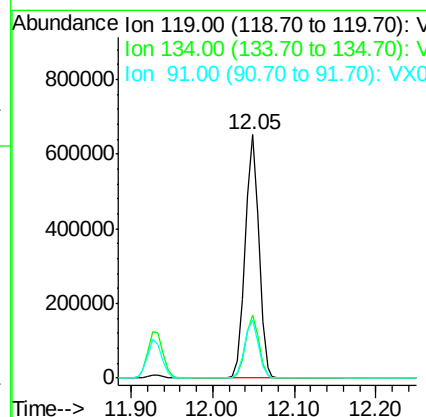
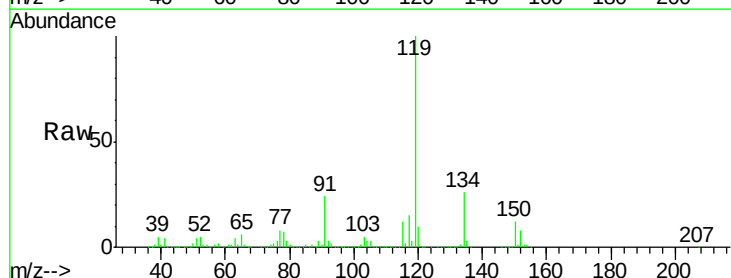
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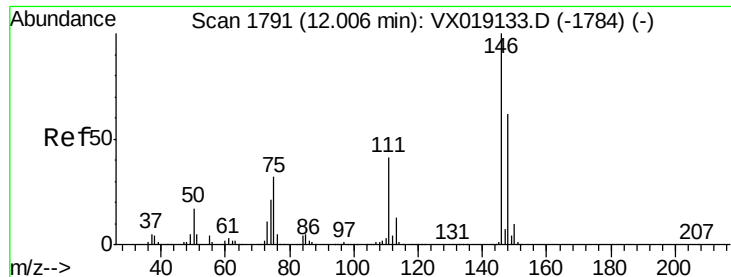
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 54.713 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	24.0	12.0	36.0





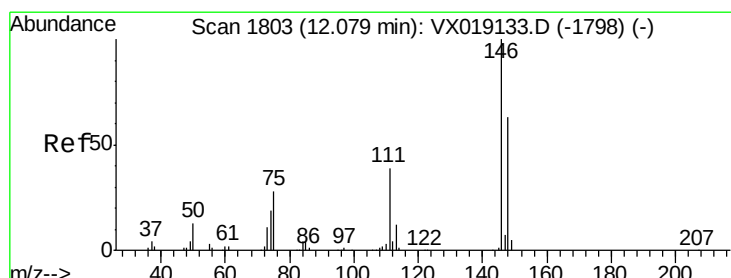
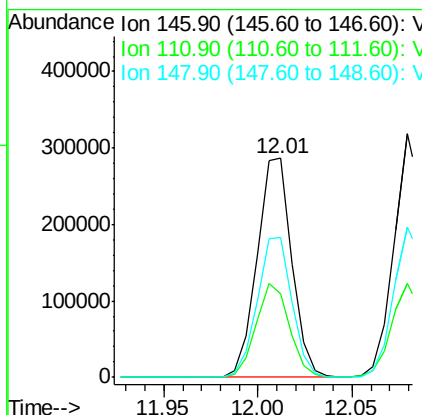
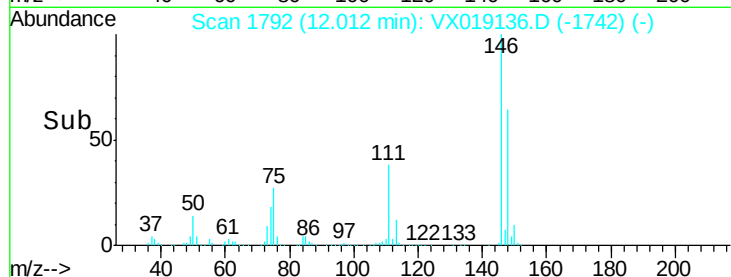
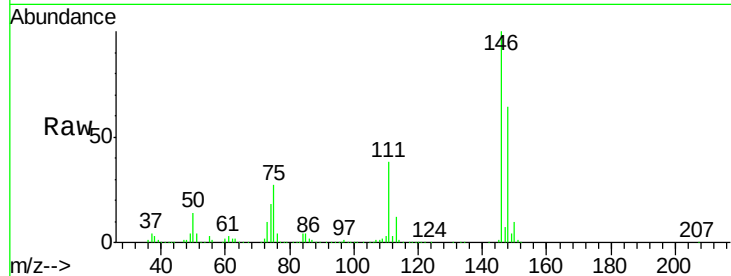
#87
 1,3-Dichlorobenzene
 Concen: 52.028 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	63.9	31.6	94.8

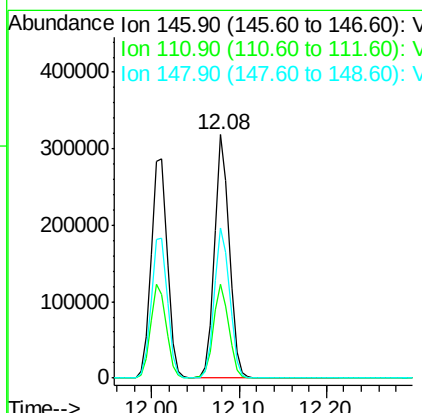
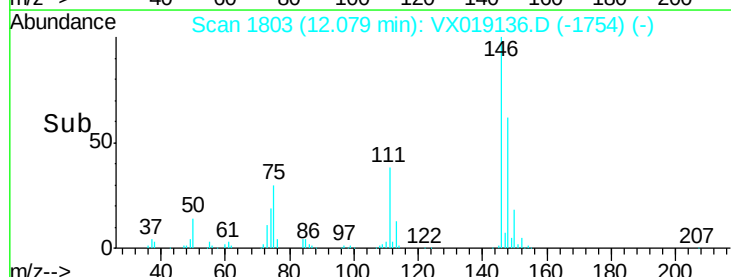
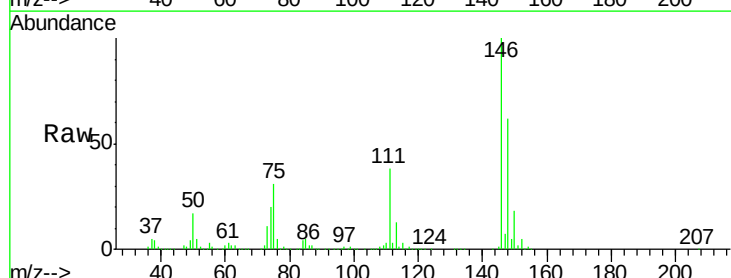
Manual Integrations
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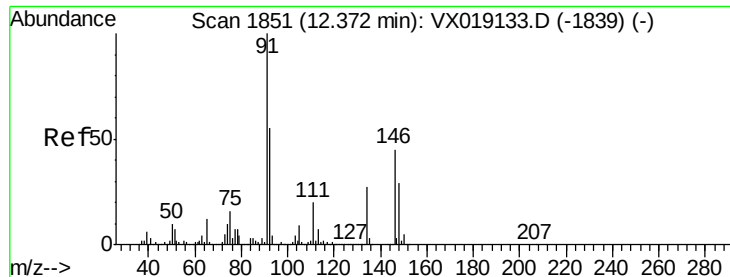
MMDadoda
 10/28/2020 12:33:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.975 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	63.7	31.3	93.8





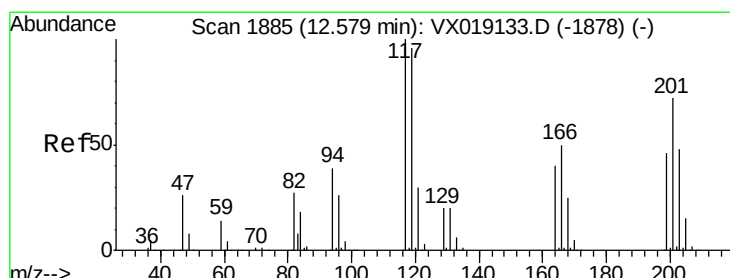
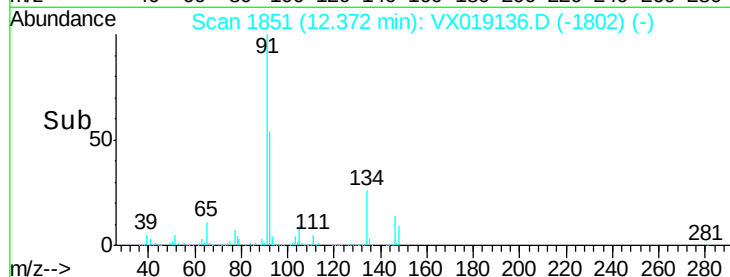
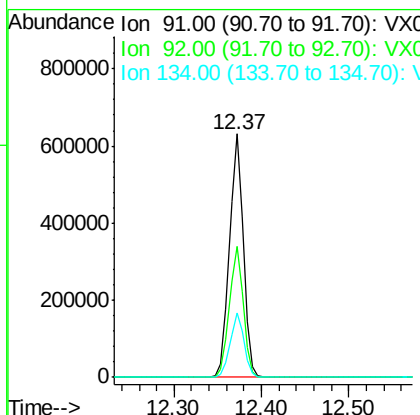
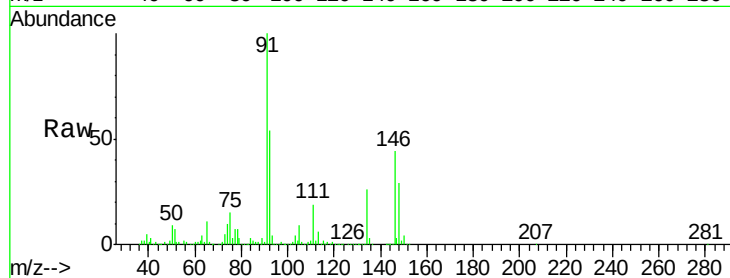
#89
n-Butylbenzene
Concen: 54.268 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	26.4	13.2	39.6

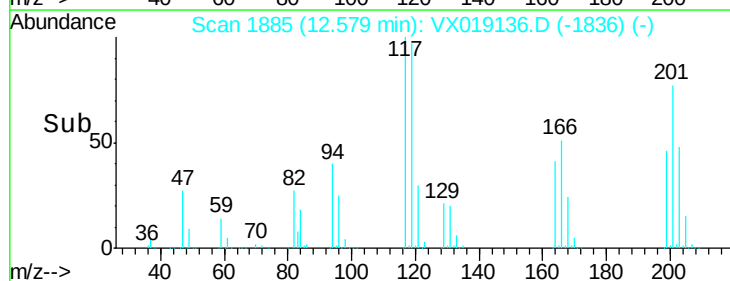
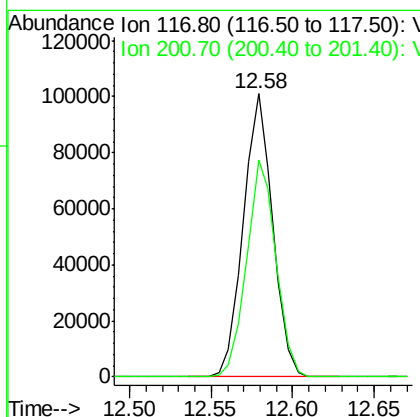
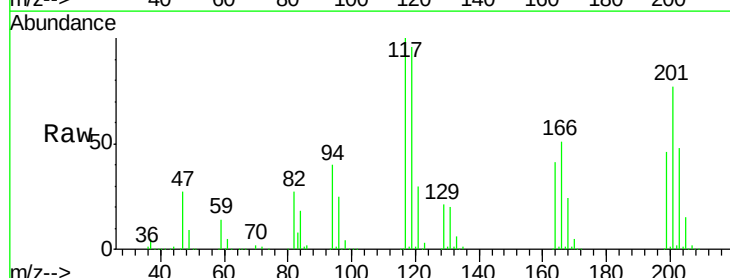
Manual Integrations
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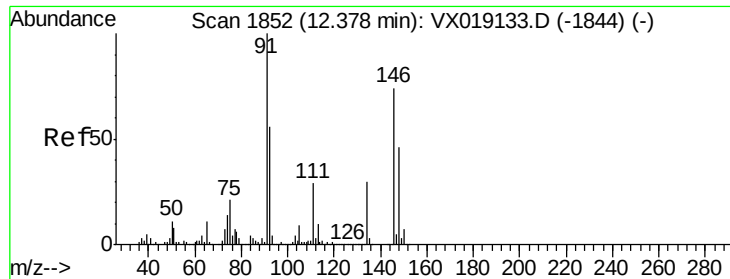
MMDadoda
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#90
Hexachloroethane
Concen: 54.572 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.5	115.3





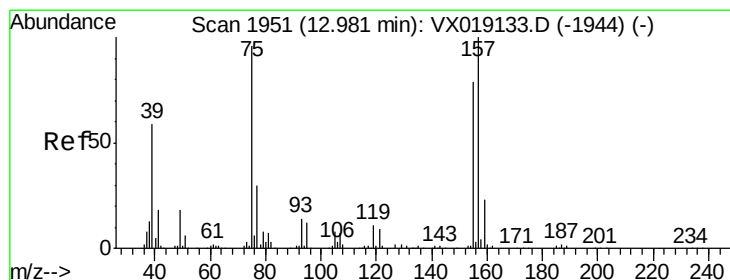
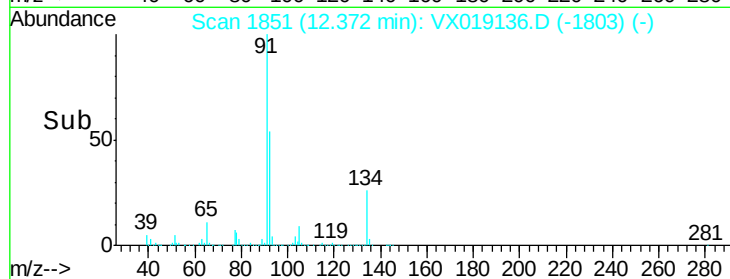
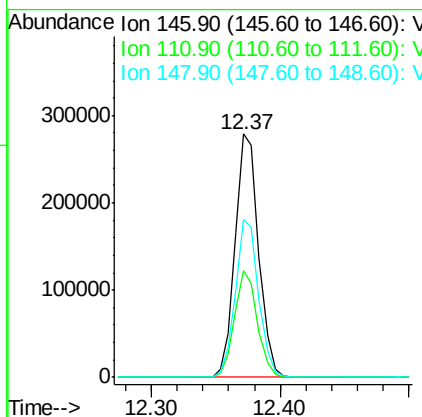
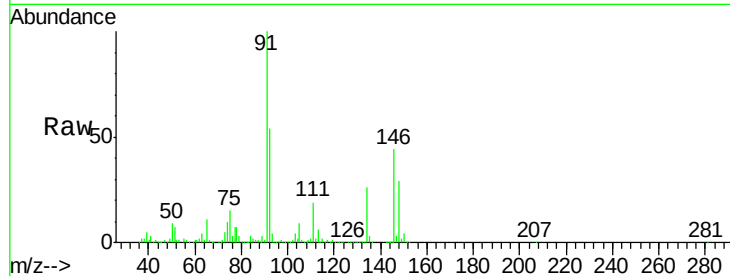
#91
 1,2-Dichlorobenzene
 Concen: 52.590 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.8	21.2	63.6	
148	64.2	31.6	94.7	

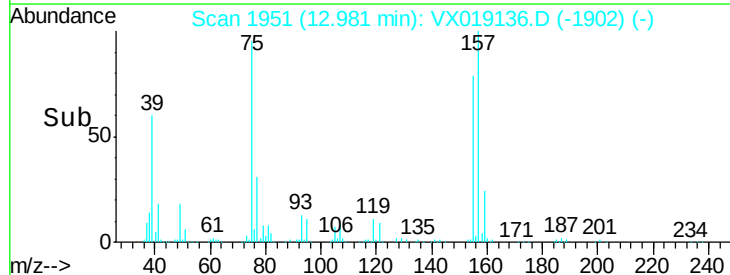
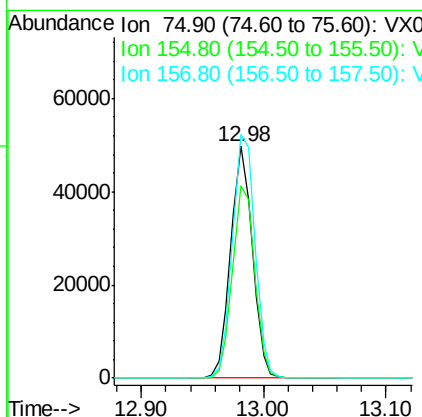
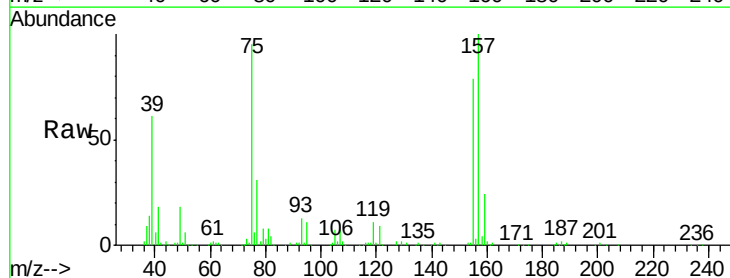
Manual Integrations
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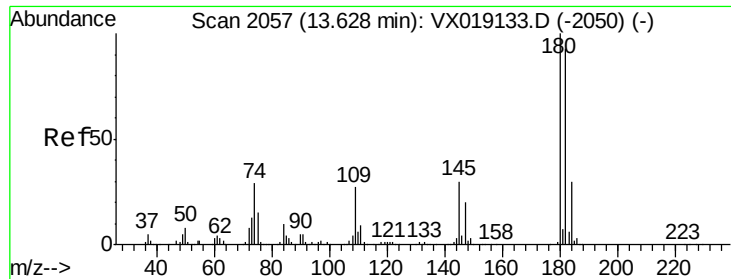
MMDadoda
 10/28/2020 12:33:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.243 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.6	42.8	128.4	
157	109.4	54.8	164.4	





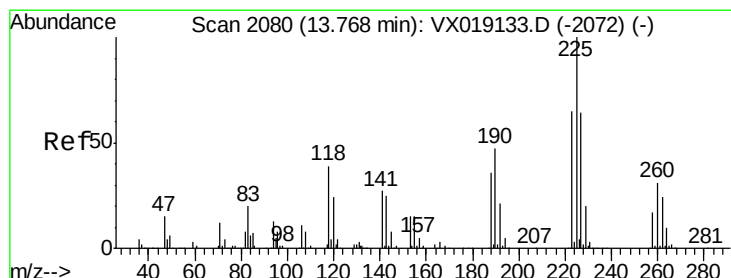
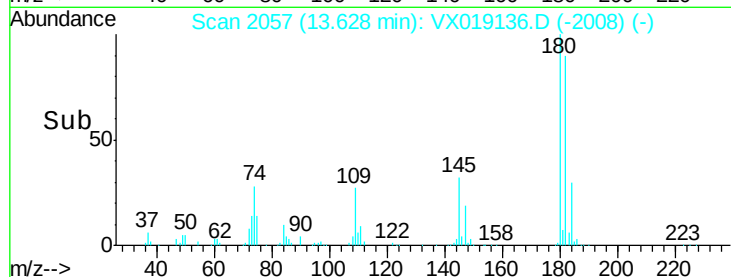
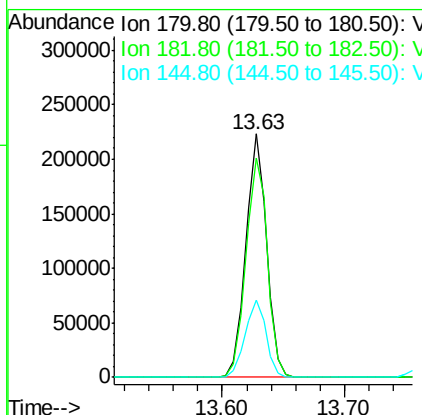
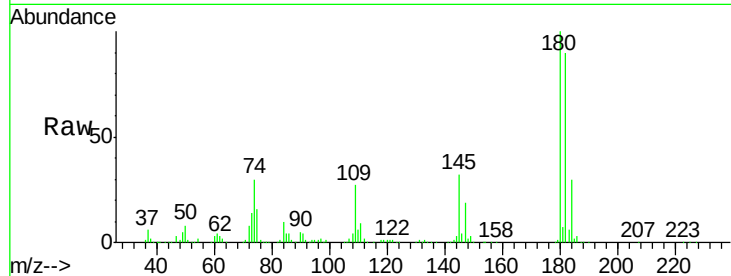
#93
 1,2,4-Trichlorobenzene
 Concen: 51.506 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Tot Ion	Ratio	Resp	Lower	Upper
180	100	261394		
182	93.5	46.8	140.3	
145	32.3	15.5	46.5	

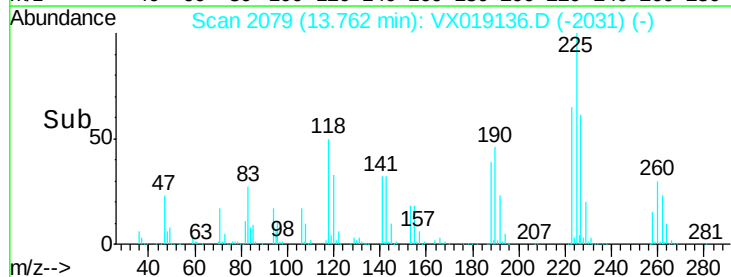
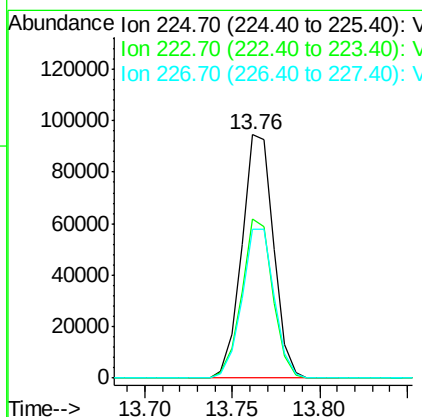
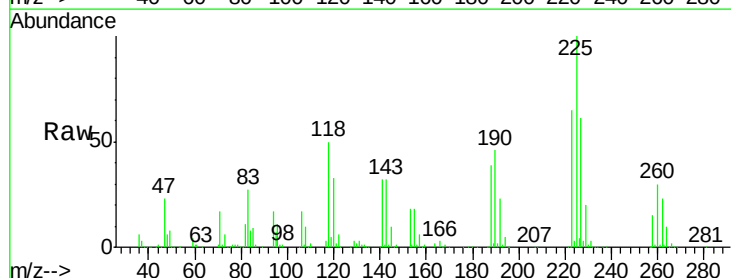
Manual Integrations
 APPROVED

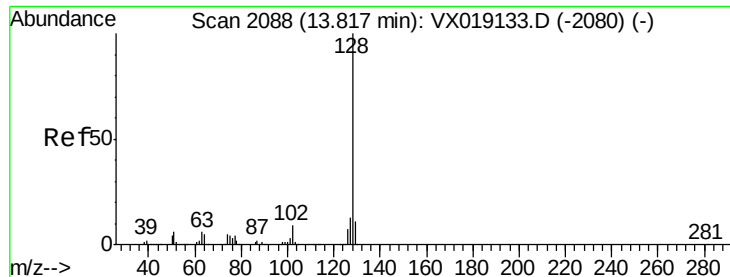
MMDadoda
 10/28/2020 12:33:01 PM



#94
 Hexachlorobutadiene
 Concen: 53.232 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118921		
223	63.7	32.4	97.2	
227	62.2	31.6	94.7	





#95

Naphthalene

Concen: 51.456 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

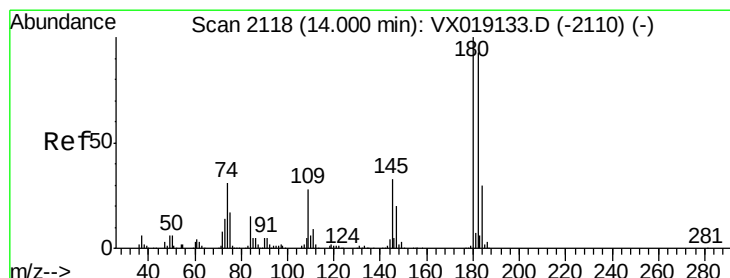
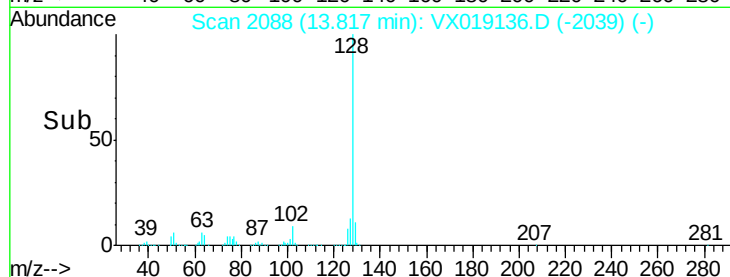
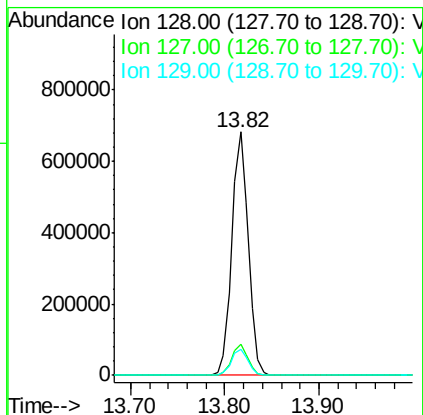
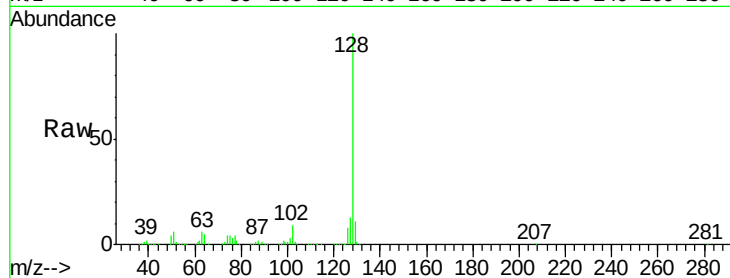
ClientSampleId :

ICVVX102720

Tot Ion:	128	Resp:	822466
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/28/2020 12:33:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.676 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion:	180	Resp:	254419
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.8	143.3
145	32.9	16.5	49.5

