

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019331.D
 Acq On : 06 Nov 2020 11:07
 Operator : JC/MD
 Sample : VX1107WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:37:16 AM

Quant Time: Nov 07 01:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	458145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209969	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176717	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	5.46	113	135787	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.70	98	525706	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	203315	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41997	18.492	ug/l	98
3) Chloromethane	1.31	50	48488	19.110	ug/l	99
4) Vinyl Chloride	1.39	62	56835	19.315	ug/l	98
5) Bromomethane	1.64	94	41509	20.656	ug/l	97
6) Chloroethane	1.71	64	37642	20.036	ug/l	97
7) Trichlorofluoromethane	1.92	101	88474	19.139	ug/l	96
8) Diethyl Ether	2.17	74	35797	20.177	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50385	19.664	ug/l	98
10) Methyl Iodide	2.49	142	44894	19.329	ug/l	100
11) Tert butyl alcohol	3.01	59	65051	93.746	ug/l	100
12) 1,1-Dichloroethene	2.36	96	49476	18.738	ug/l	95
13) Acrolein	2.27	56	22160	75.461	ug/l	99
14) Allyl chloride	2.71	41	79598	19.903	ug/l	98
15) Acrylonitrile	3.11	53	143529	98.432	ug/l	99
16) Acetone	2.42	43	127837	105.476	ug/l	99
17) Carbon Disulfide	2.55	76	129046	17.645	ug/l	99
18) Methyl Acetate	2.75	43	61760	20.955	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	183569	20.065	ug/l	100
20) Methylene Chloride	2.83	84	58026	19.070	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	56341	18.541	ug/l	93
22) Diisopropyl ether	3.82	45	166095	20.832	ug/l #	88
23) Vinyl Acetate	3.78	43	718002	100.986	ug/l	98
24) 1,1-Dichloroethane	3.67	63	100281	20.145	ug/l	98
25) 2-Butanone	4.63	43	193898	101.511	ug/l	98
26) 2,2-Dichloropropane	4.55	77	92173	19.696	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	65599	19.318	ug/l	97
28) Bromochloromethane	4.98	49	47092	20.809	ug/l	92
29) Tetrahydrofuran	5.09	42	121896	101.264	ug/l	97
30) Chloroform	5.17	83	105110	19.837	ug/l	99
31) Cyclohexane	5.55	56	87228	19.642	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	94816	19.737	ug/l	99
36) 1,1-Dichloropropene	5.77	75	79834	18.870	ug/l	99
37) Ethyl Acetate	4.79	43	75720	19.277	ug/l	99
38) Carbon Tetrachloride	5.75	117	79965	18.544	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	94559	18.693	ug/l	96
40) Benzene	6.11	78	231347	19.287	ug/l	98
41) Methacrylonitrile	5.00	41	40268	19.036	ug/l	98
42) 1,2-Dichloroethane	6.16	62	87109	19.704	ug/l	99
43) Isopropyl Acetate	6.40	43	126020	19.160	ug/l	99
44) Trichloroethene	7.18	130	63039	18.350	ug/l	96
45) 1,2-Dichloropropane	7.49	63	58528	19.921	ug/l	96
46) Dibromomethane	7.63	93	40641	18.706	ug/l	97
47) Bromodichloromethane	7.87	83	81454	19.021	ug/l	99
48) Methyl methacrylate	7.74	41	61310	19.367	ug/l	98
49) 1,4-Dioxane	7.71	88	26172	371.757	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	377281	99.803	ug/l	99
52) Toluene	8.76	92	147866	19.140	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90437	18.490	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	97447	18.946	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58496	19.163	ug/l	98
56) Ethyl methacrylate	9.16	69	88083	19.104	ug/l	97
57) 1,3-Dichloropropane	9.35	76	99955	19.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	231984	89.966	ug/l	96
59) 2-Hexanone	9.47	43	288227	100.164	ug/l	99
60) Dibromochloromethane	9.56	129	60768	18.344	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60746	18.610	ug/l	99
64) Tetrachloroethene	9.32	164	60029	18.924	ug/l	98
65) Chlorobenzene	10.12	112	156179	18.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56731	18.518	ug/l	100
67) Ethyl Benzene	10.23	91	283734	18.711	ug/l	98
68) m/p-Xylenes	10.34	106	211888	37.231	ug/l	96
69) o-Xylene	10.68	106	101428	18.790	ug/l	100
70) Styrene	10.70	104	171548	18.625	ug/l	99
71) Bromoform	10.84	173	41472	17.074	ug/l #	99
73) Isopropylbenzene	11.00	105	279052	18.775	ug/l	99
74) N-amyl acetate	10.88	43	102278	18.821	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88974	19.155	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	84261m	19.436	ug/l	
77) Bromobenzene	11.24	156	66166	17.937	ug/l	92
78) n-propylbenzene	11.34	91	327837	19.323	ug/l	99
79) 2-Chlorotoluene	11.40	91	193473	19.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	237155	18.888	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27766	16.863	ug/l	94
82) 4-Chlorotoluene	11.49	91	228832	18.760	ug/l	98
83) tert-Butylbenzene	11.76	119	224246	18.653	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	240989	19.012	ug/l	99
85) sec-Butylbenzene	11.93	105	277136	19.220	ug/l	98
86) p-Isopropyltoluene	12.05	119	254940	19.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	124534	18.129	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	129425	18.100	ug/l	98
89) n-Butylbenzene	12.37	91	237823	19.011	ug/l	98
90) Hexachloroethane	12.58	117	40140	17.744	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	122258	18.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19417	17.076	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84404	17.035	ug/l	99
94) Hexachlorobutadiene	13.76	225	35123	16.104	ug/l	99
95) Naphthalene	13.82	128	265735	17.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79853	16.613	ug/l	98

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

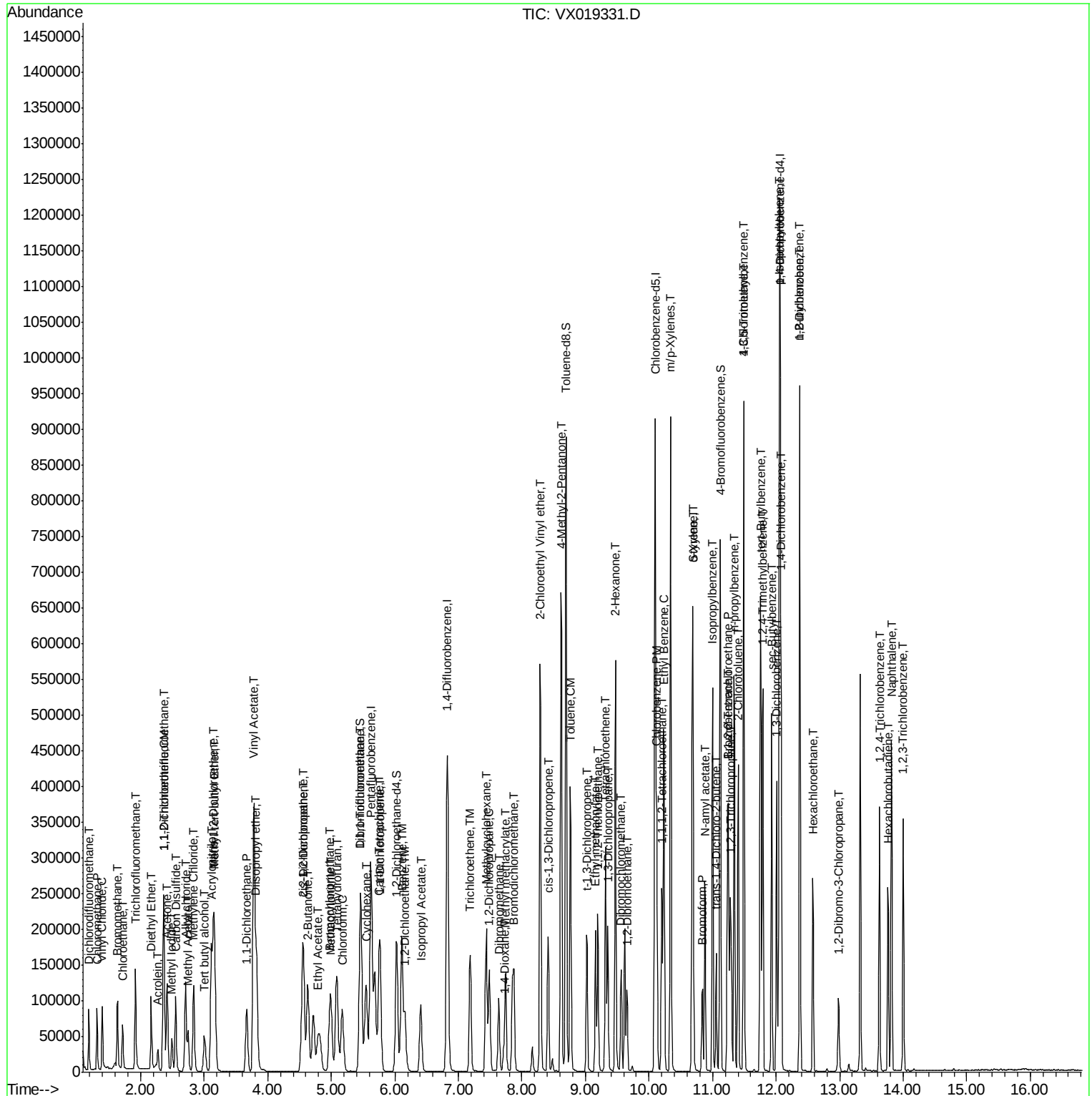
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Data File : VX019331.D
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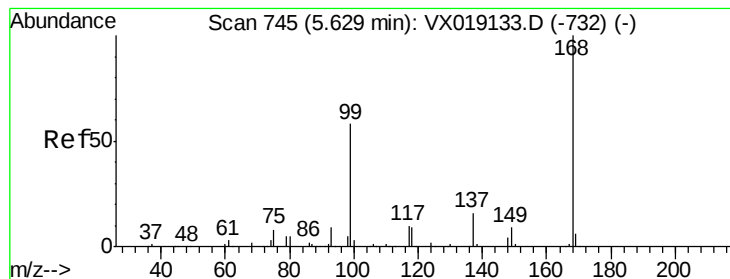
Instrument :
MSVOA_X
Client Sampled :
VX1107WBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion:168 Resp: 272422

Ion Ratio Lower Upper

168 100

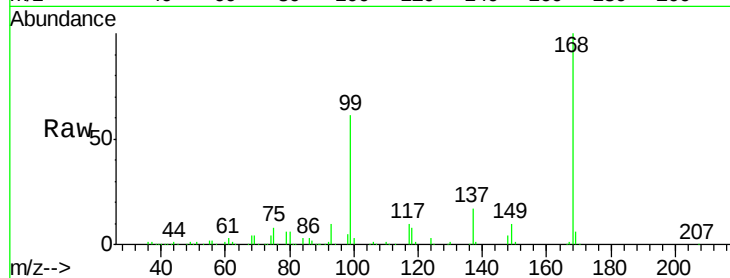
99 61.3 46.6 69.8

Manual Integrations

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11/9/2020 9:37:16 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

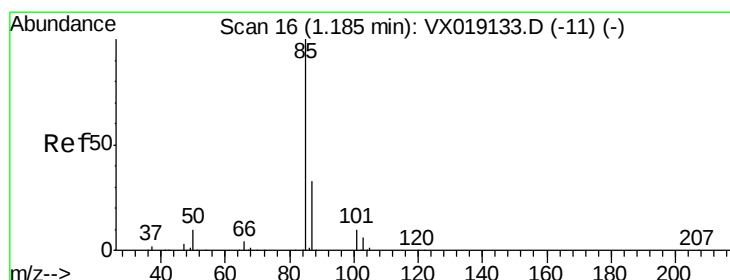
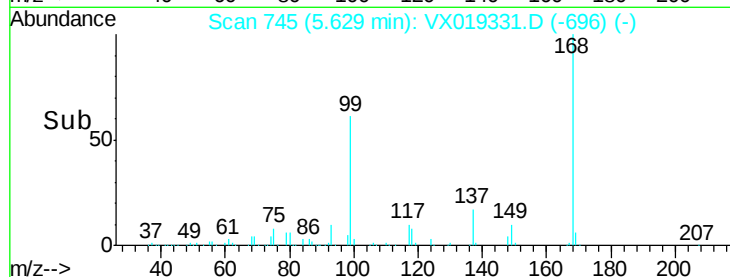
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.492 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019331.D

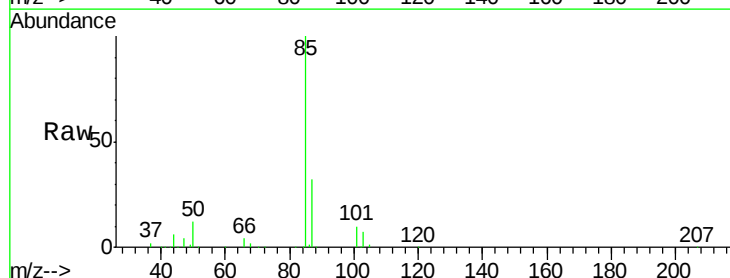
Acq: 06 Nov 2020 11:07

Tgt Ion: 85 Resp: 41997

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

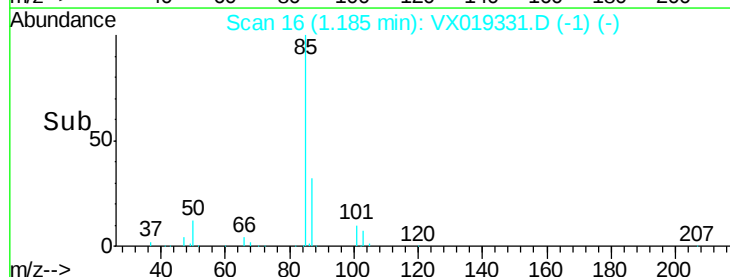
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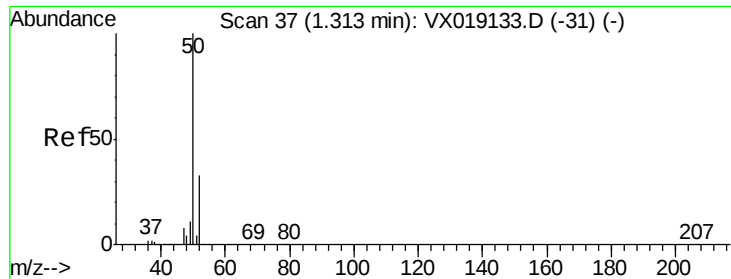
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.110 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion: 50 Resp: 48488

Ion Ratio Lower Upper

50 100

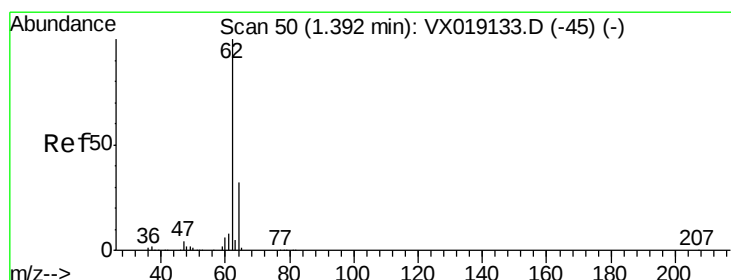
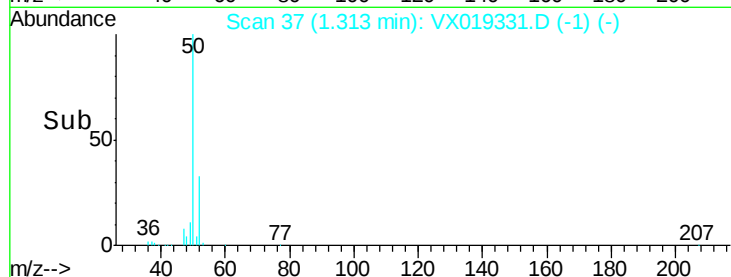
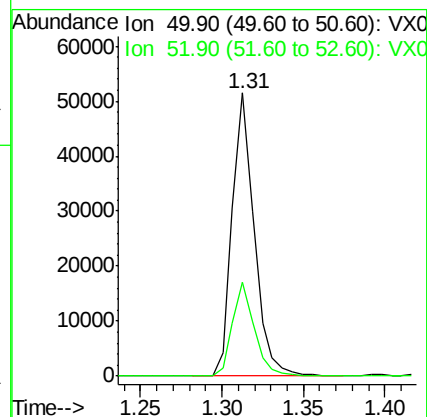
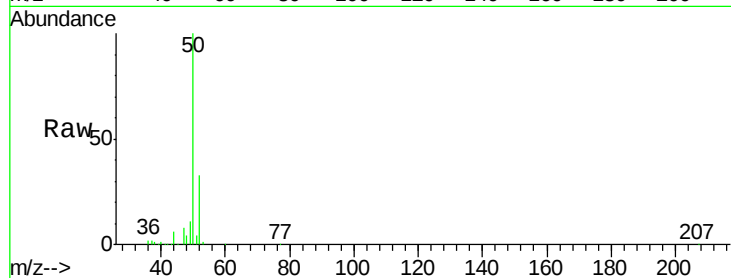
52 33.0 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.315 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019331.D

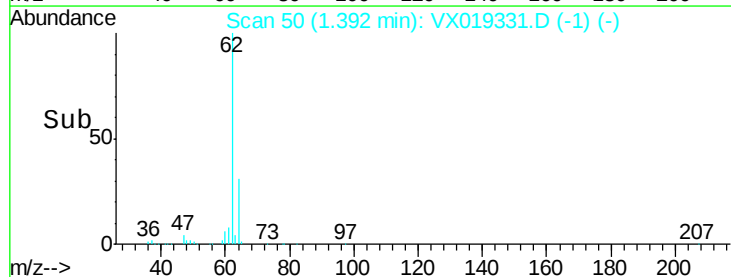
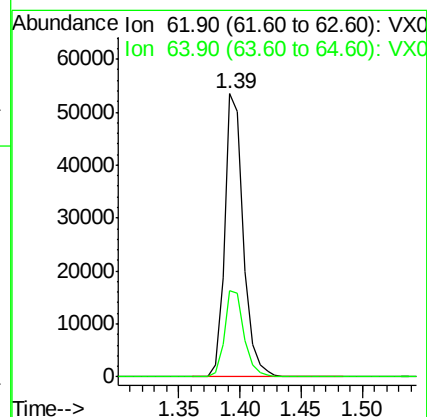
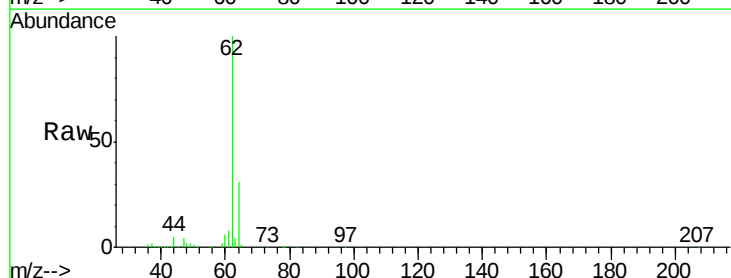
Acq: 06 Nov 2020 11:07

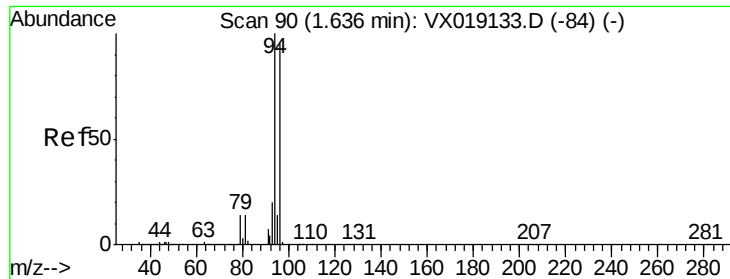
Tgt Ion: 62 Resp: 56835

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.0





#5

Bromomethane

Concen: 20.656 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 41509

Ion Ratio Lower Upper

94 100

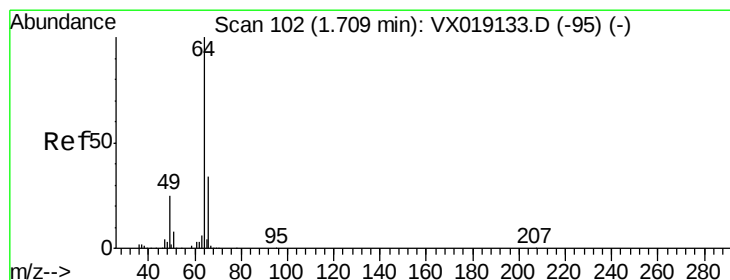
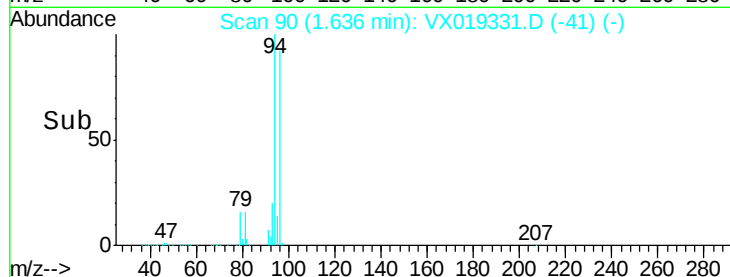
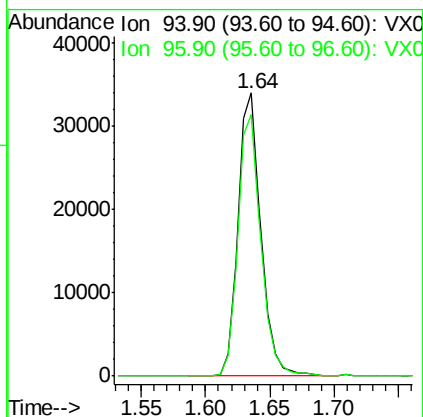
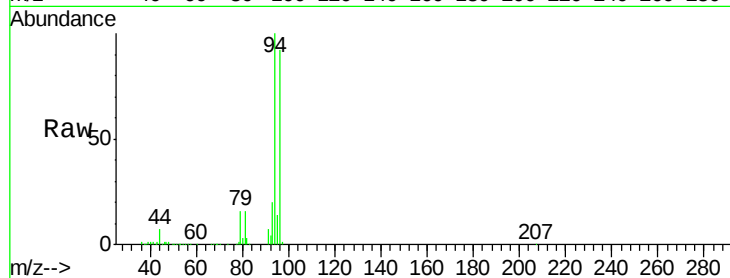
96 92.2 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.036 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019331.D

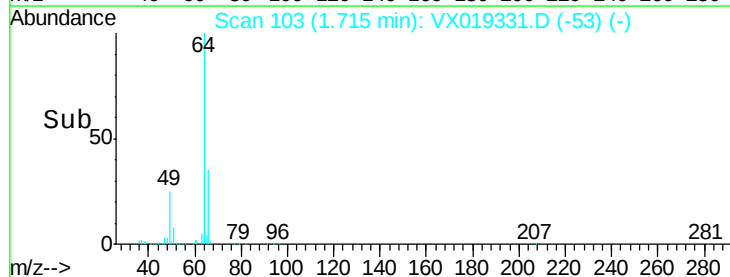
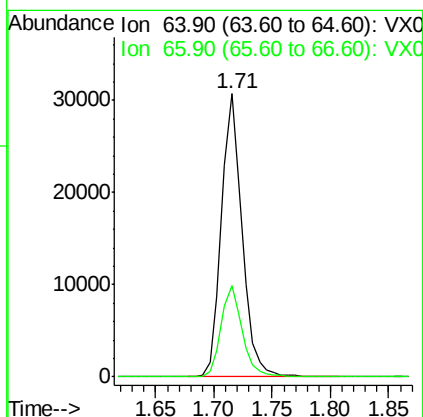
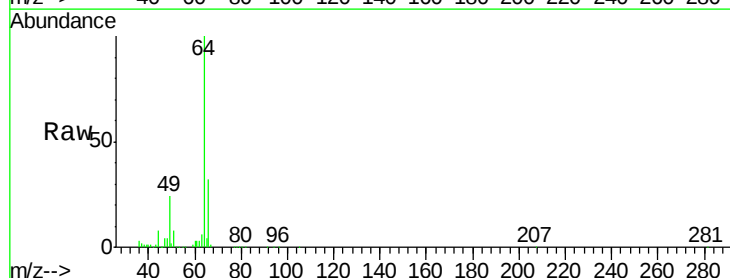
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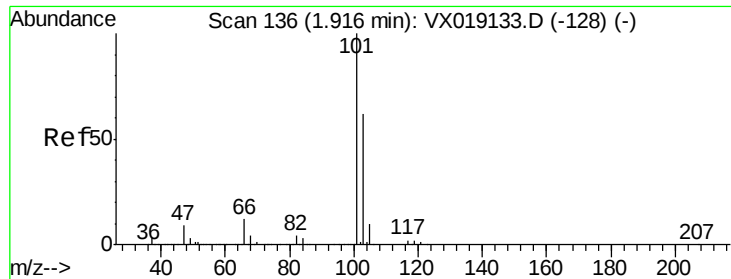
Tgt Ion: 64 Resp: 37642

Ion Ratio Lower Upper

64 100

66 32.1 27.1 40.7





#7

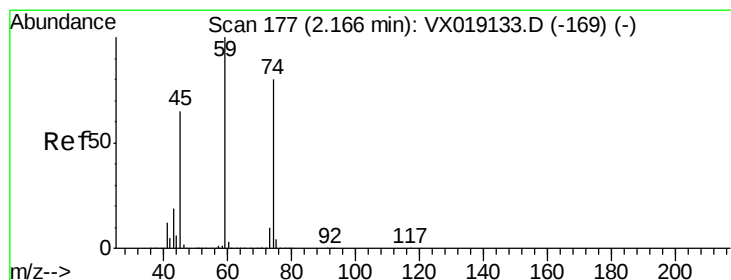
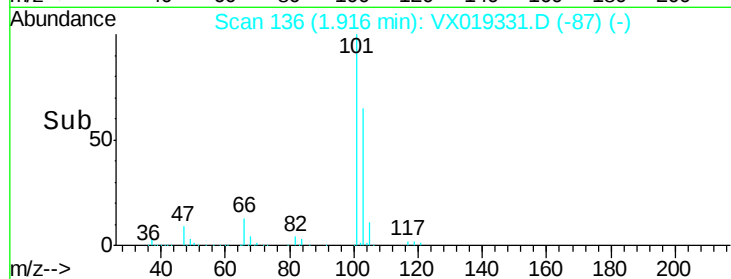
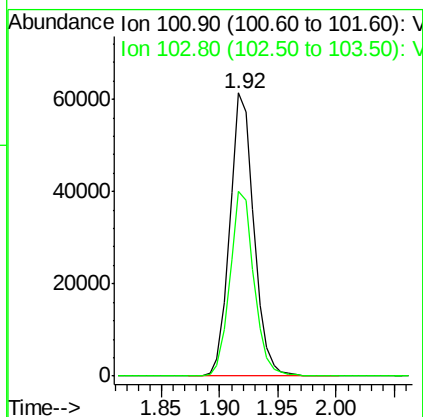
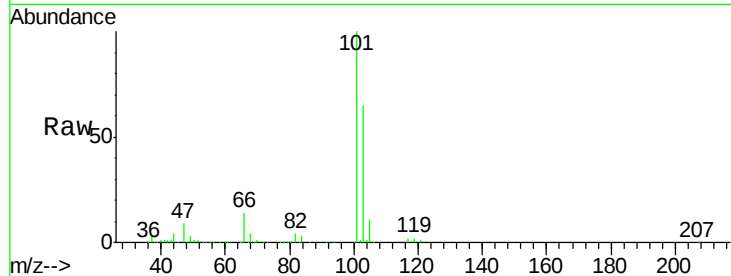
Trichlorofluoromethane
Concen: 19.139 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019331.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.0	75.0

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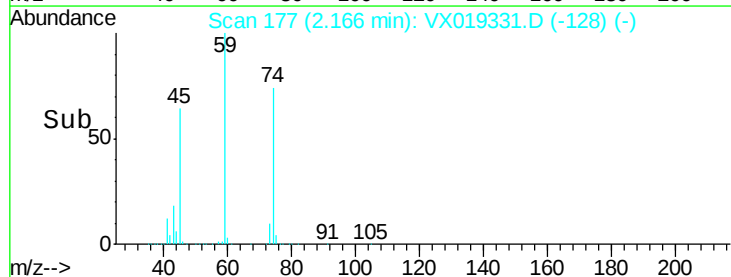
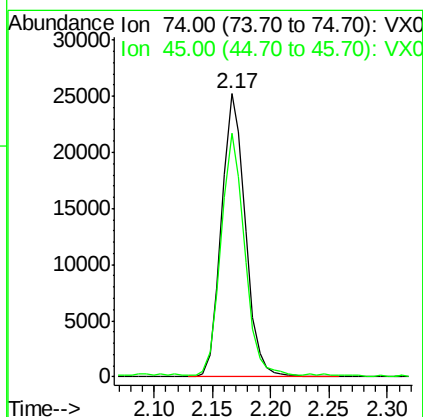
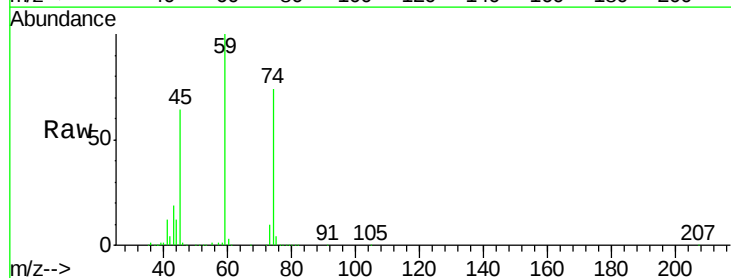
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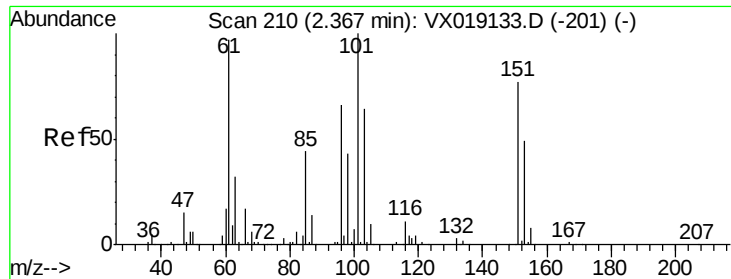


#8

Diethyl Ether
Concen: 20.177 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019331.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.2	41.0	123.0





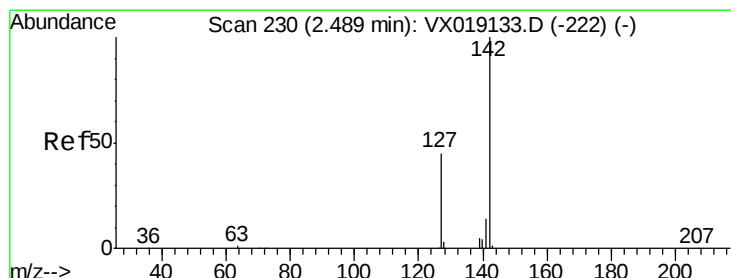
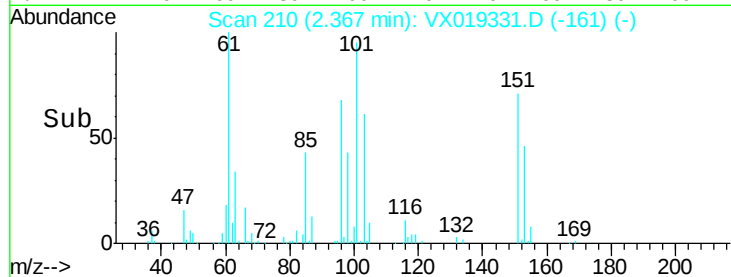
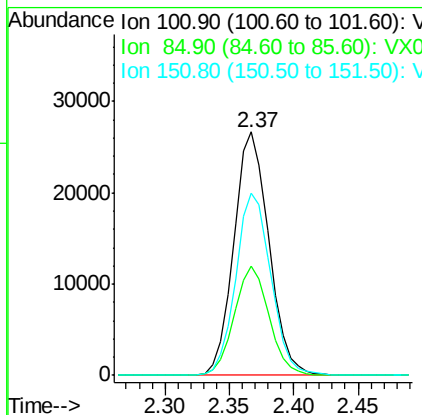
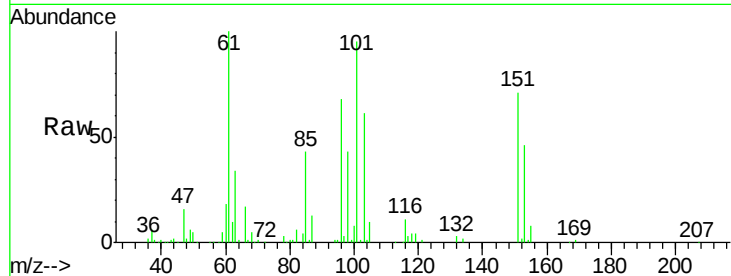
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.664 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	50385		
85	44.3		35.0	52.4
151	75.0		61.4	92.2

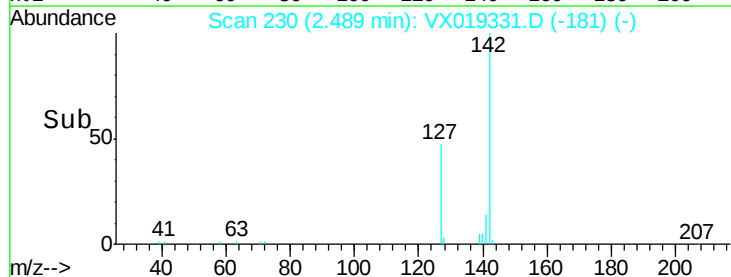
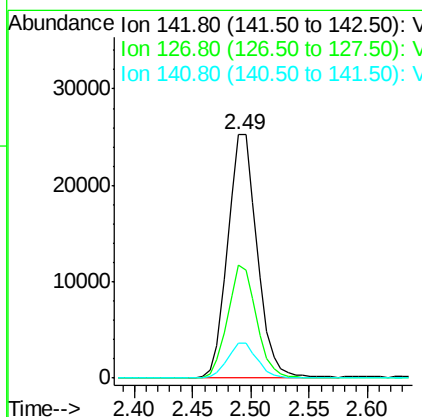
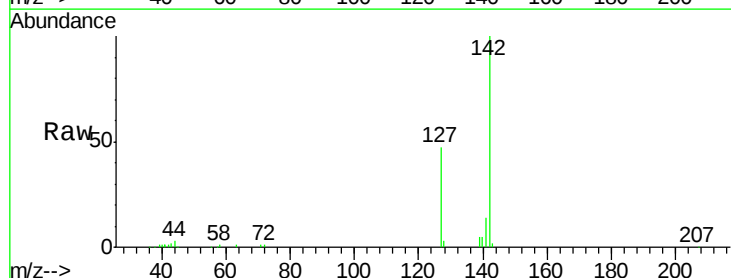
Manual Integrations
 APPROVED

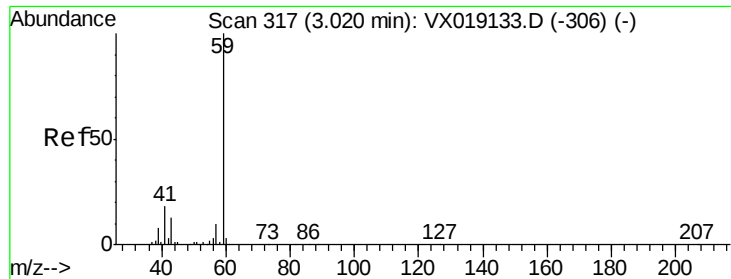
MMDadoda
 11/9/2020 9:37:16 AM



#10
 Methyl Iodide
 Concen: 19.329 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	44894		
127	45.1		36.1	54.1
141	14.3		11.3	16.9





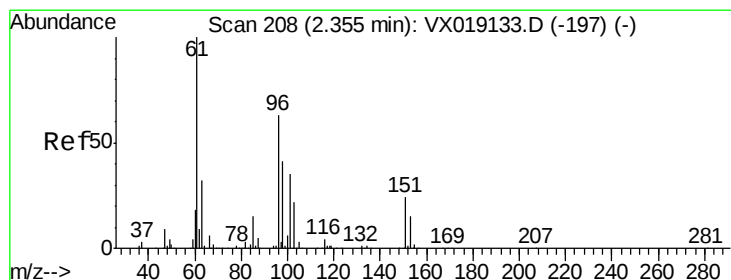
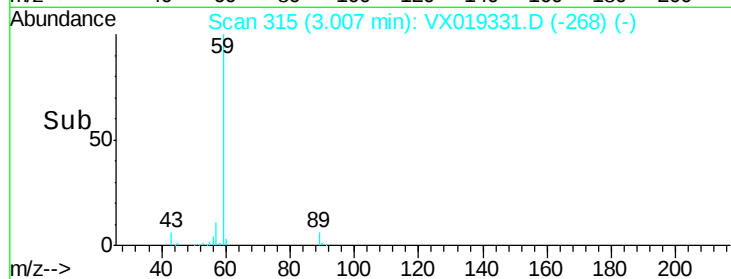
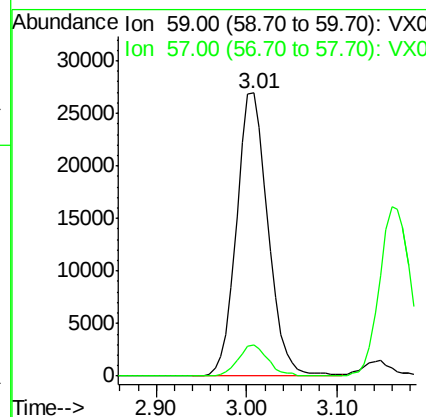
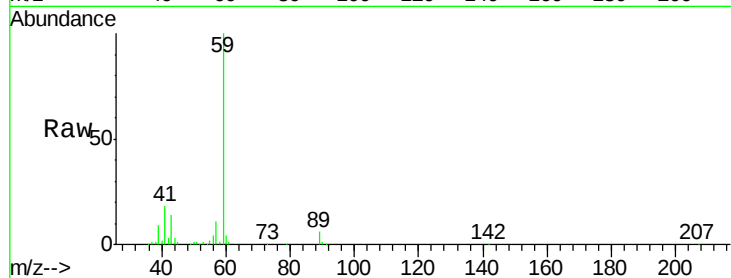
#11
Tert butyl alcohol
Concen: 93.746 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

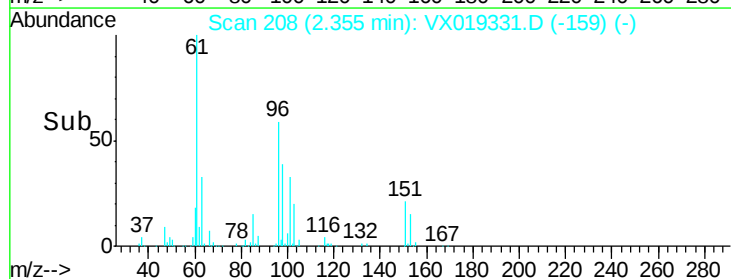
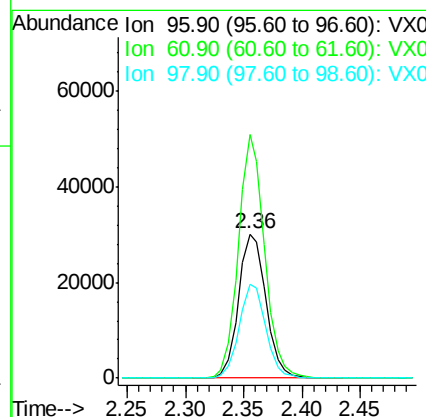
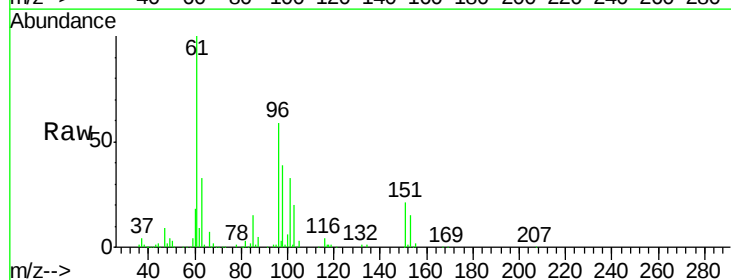
Manual Integrations
APPROVED

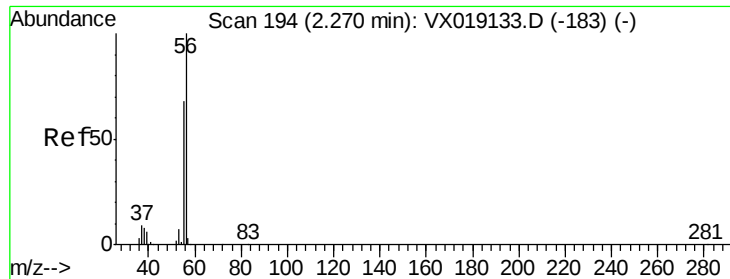
MMDadoda
11/9/2020 9:37:16 AM



#12
1,1-Dichloroethene
Concen: 18.738 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	127.7	191.5
98	65.5	52.1	78.1





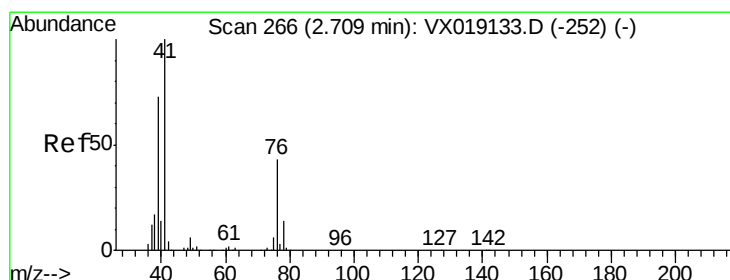
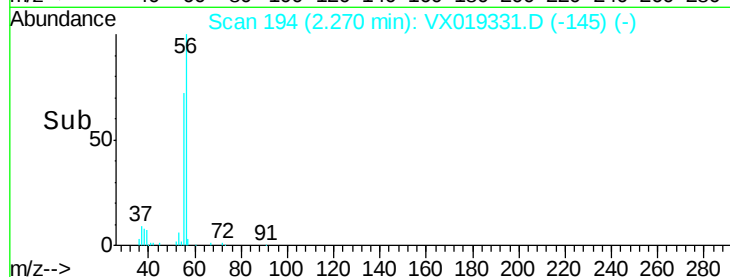
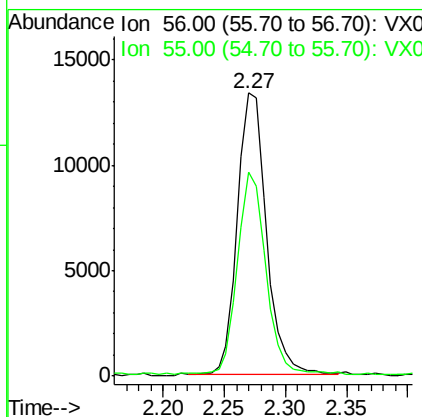
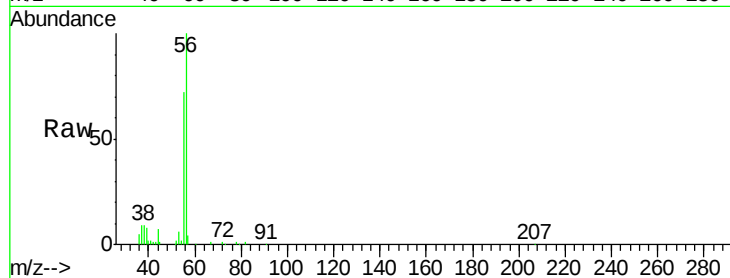
#13
Acrolein
Concen: 75.461 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion: 56 Resp: 22160
Ion Ratio Lower Upper
56 100
55 69.6 54.7 82.1

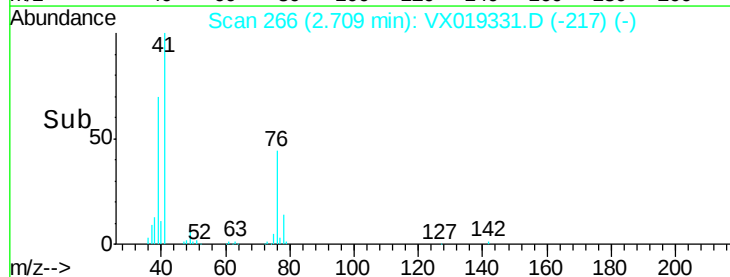
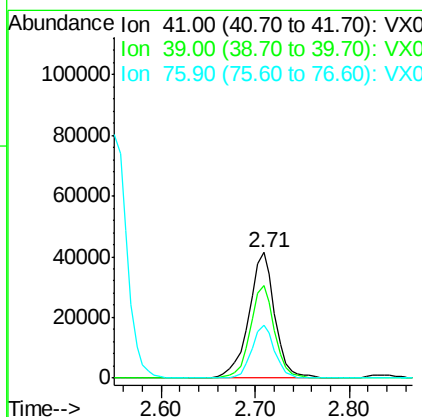
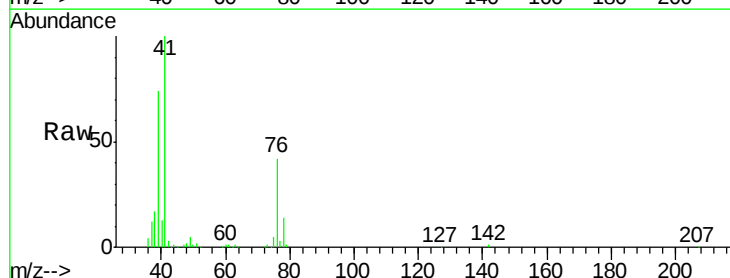
Manual Integrations
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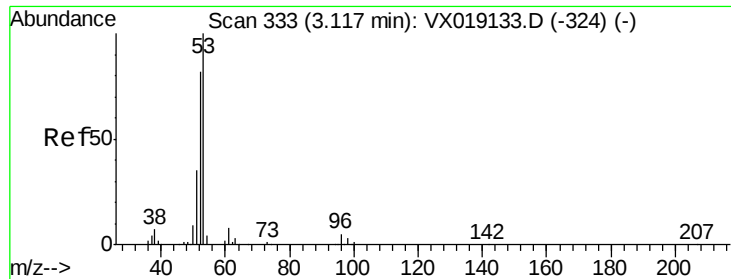
MMDadoda
11/9/2020 9:37:16 AM



#14
Allyl chloride
Concen: 19.903 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion: 41 Resp: 79598
Ion Ratio Lower Upper
41 100
39 69.7 55.2 82.8
76 37.7 31.5 47.3





#15

Acrylonitrile

Concen: 98.432 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

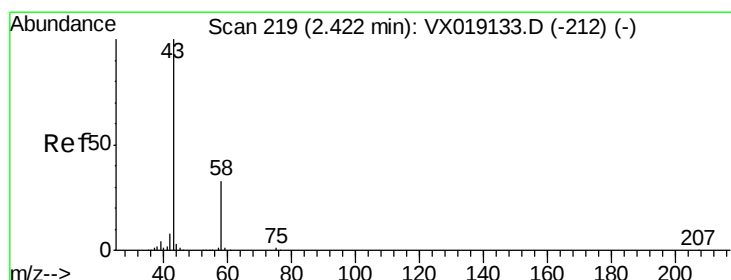
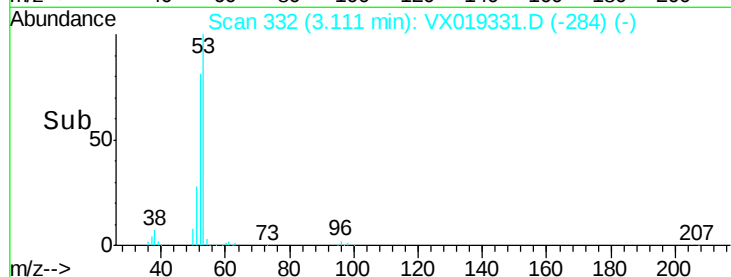
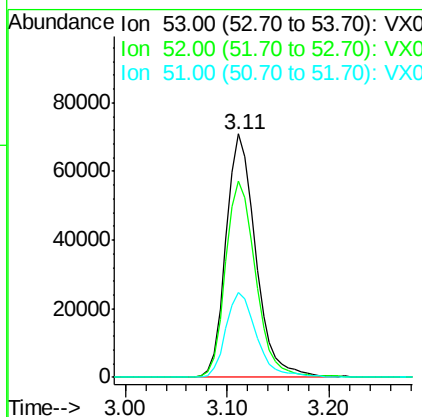
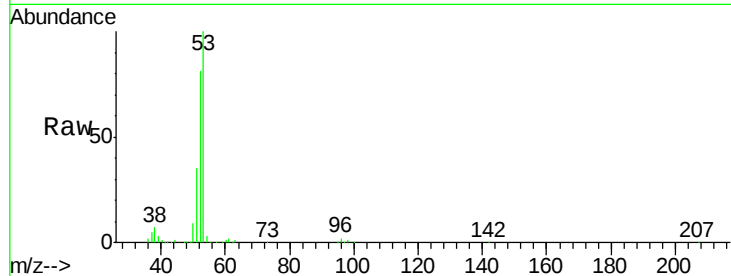
ClientSampleId :

VX1107WBS01

Tot Ion:	53	Resp:	143529
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	36.3	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:37:16 AM



#16

Acetone

Concen: 105.476 ug/l

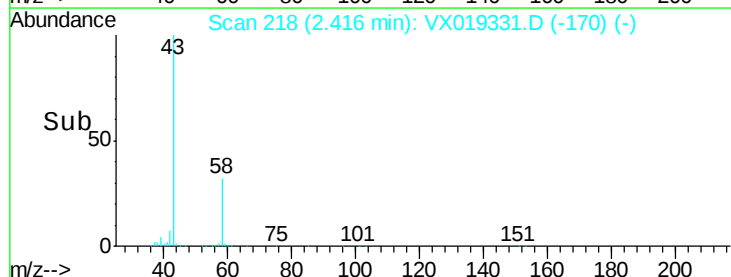
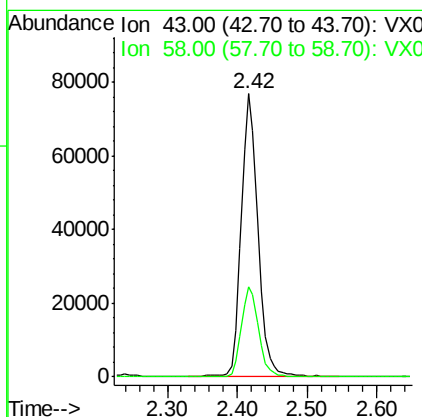
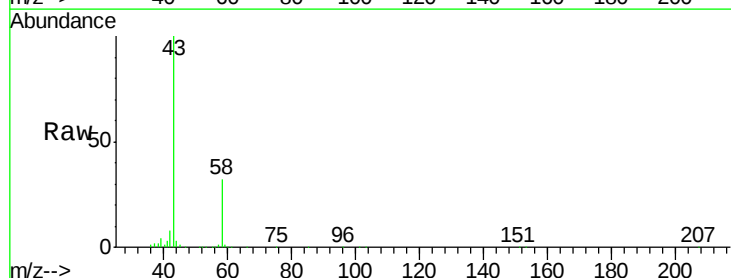
RT: 2.42 min Scan# 218

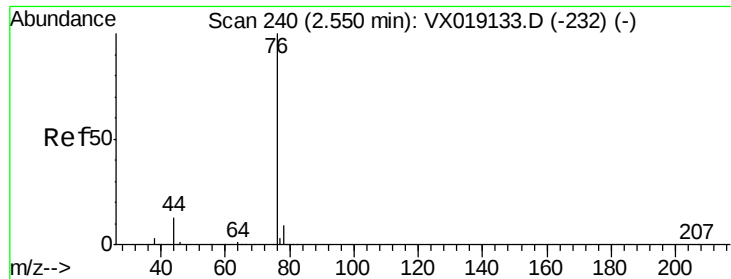
Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion:	43	Resp:	127837
Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.3	39.5





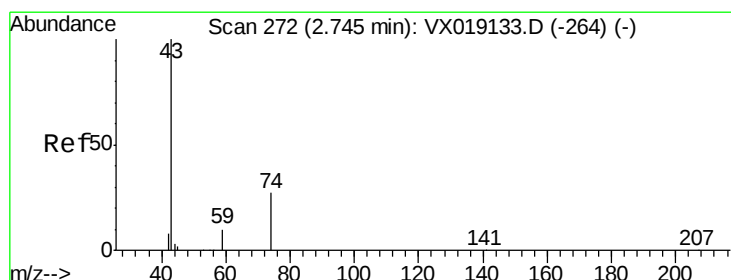
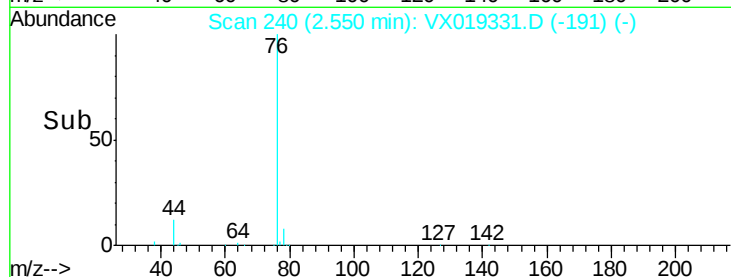
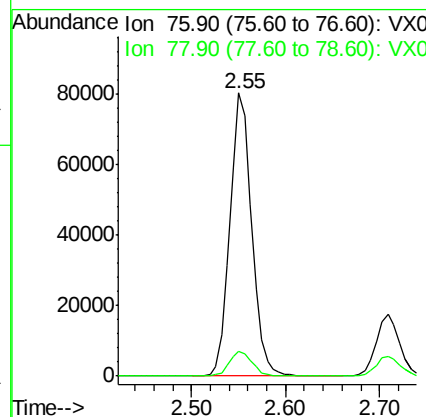
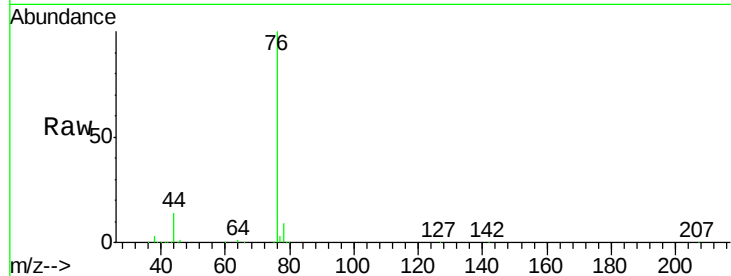
#17
Carbon Disulfide
Concen: 17.645 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

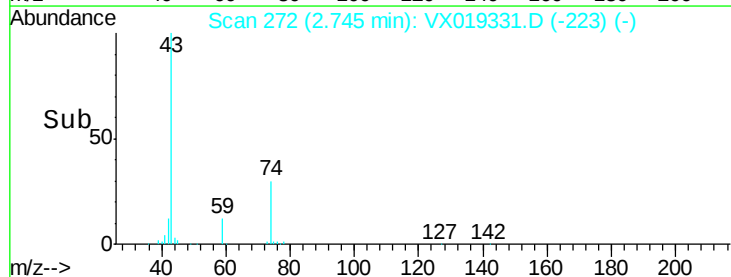
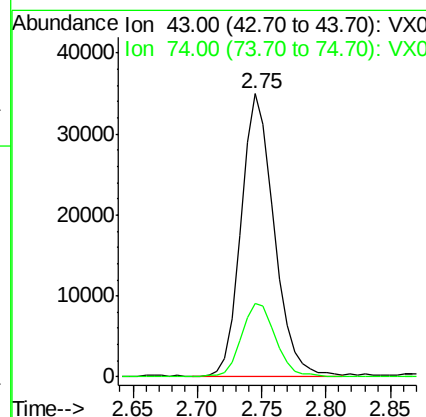
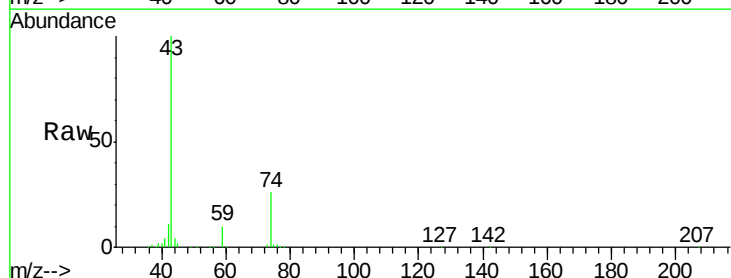
Manual Integrations
APPROVED

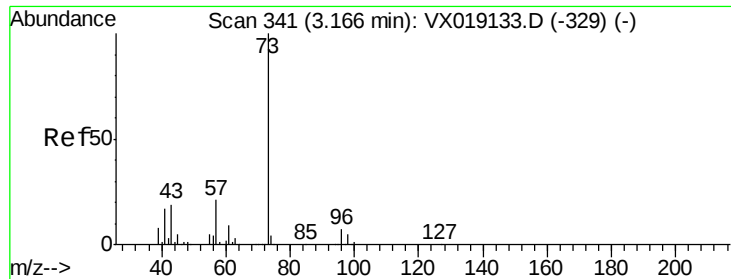
MMDadoda
11/9/2020 9:37:16 AM



#18
Methyl Acetate
Concen: 20.955 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	22.6	33.8





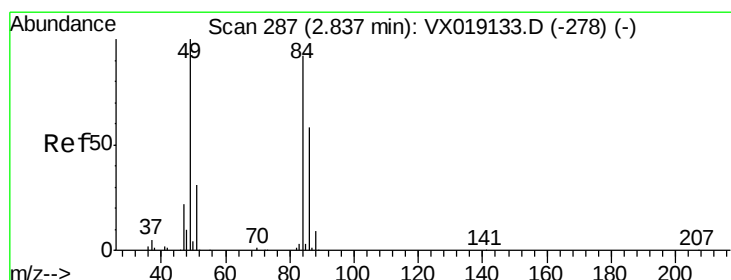
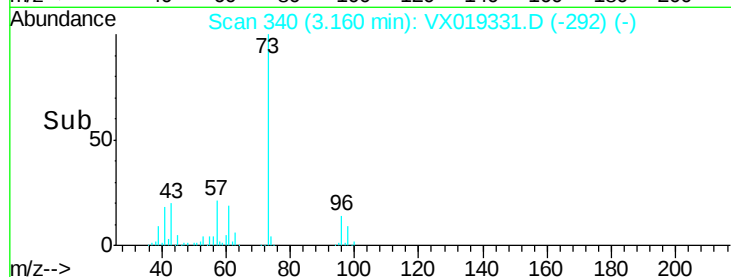
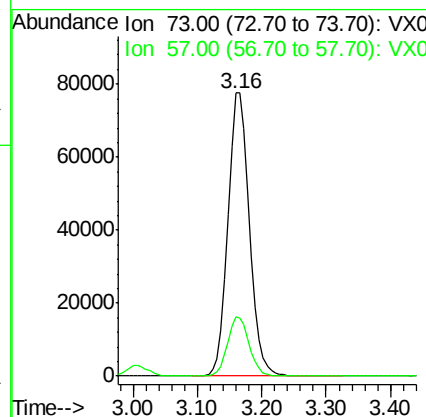
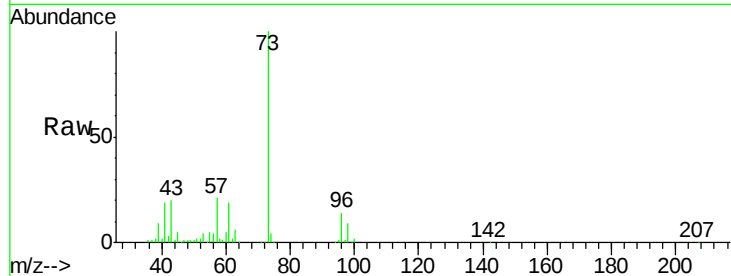
#19
Methvl tert-butvl Ether
Concen: 20.065 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion: 73 Resp: 183569
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

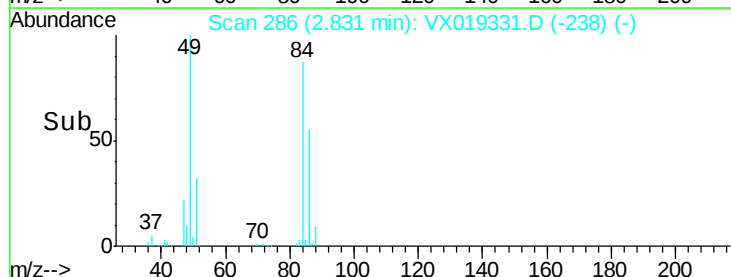
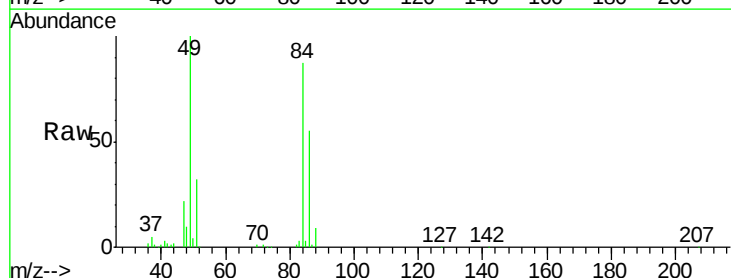
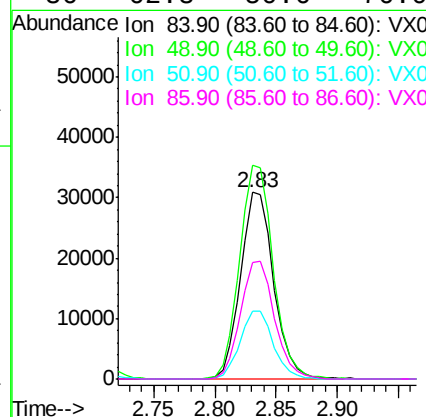
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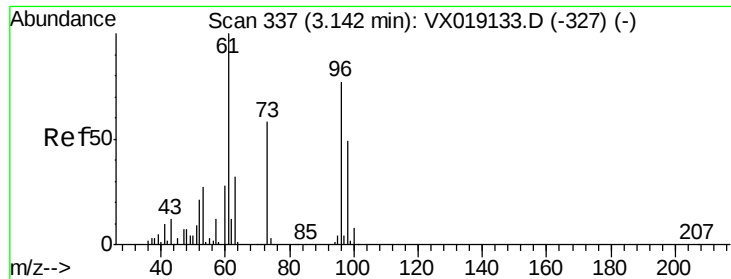
MMDadoda
11/9/2020 9:37:16 AM



#20
Methylene Chloride
Concen: 19.070 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion: 84 Resp: 58026
Ion Ratio Lower Upper
84 100
49 114.5 86.8 130.2
51 36.4 27.3 40.9
86 62.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.541 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

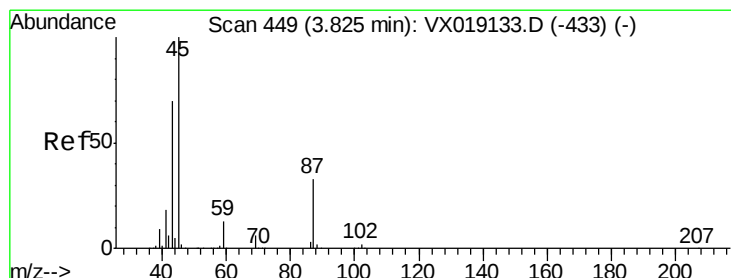
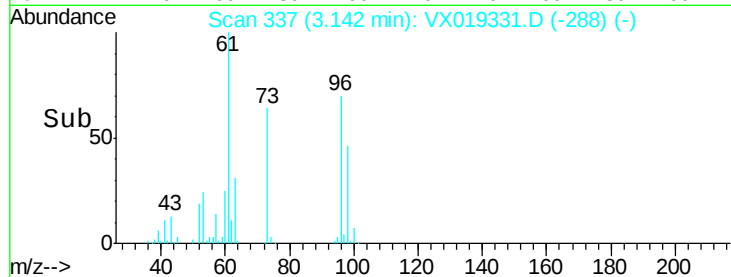
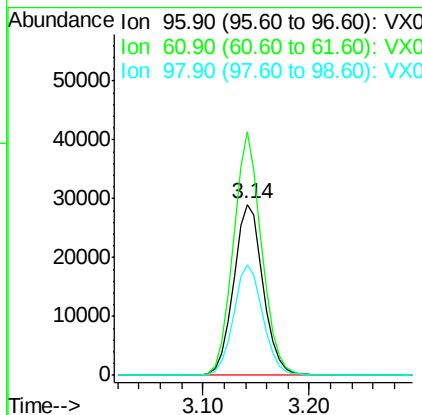
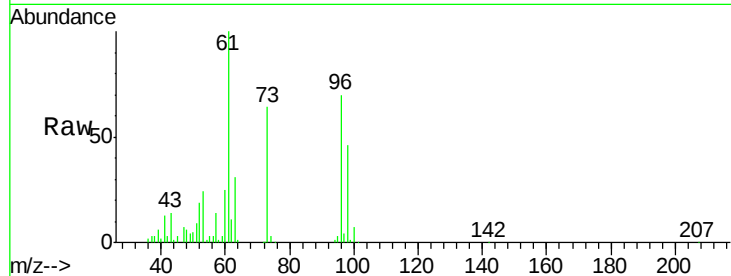
ClientSampleId :

VX1107WBS01

Tot Ion:	96	Resp:	56341
Ion	Ratio	Lower	Upper
96	100		
61	142.6	104.2	156.4
98	65.0	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.832 ug/l

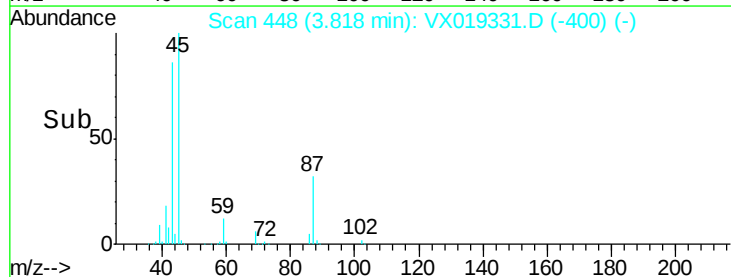
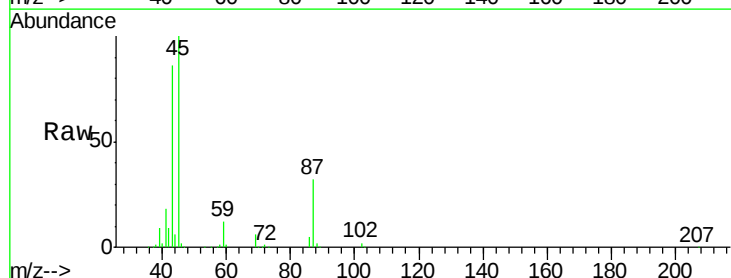
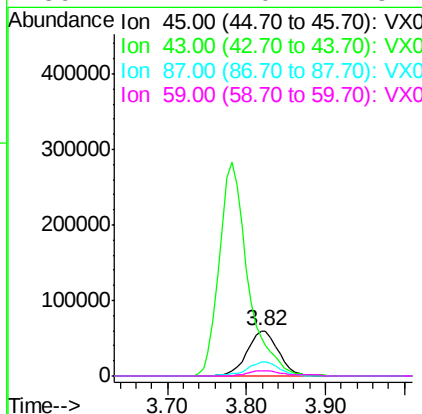
RT: 3.82 min Scan# 448

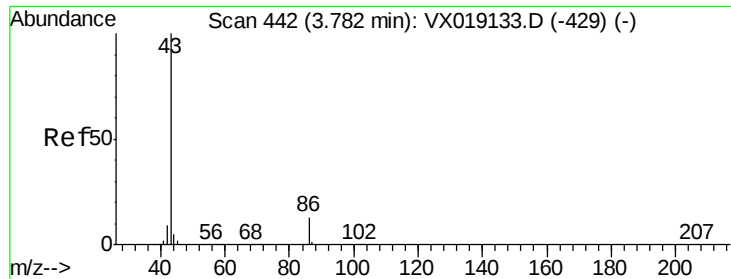
Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion:	45	Resp:	166095
Ion	Ratio	Lower	Upper
45	100		
43	85.5	56.2	84.4#
87	31.6	26.2	39.2
59	11.7	10.1	15.1





#23

Vinyl Acetate

Concen: 100.986 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion: 43 Resp: 718002

Ion Ratio Lower Upper

43 100

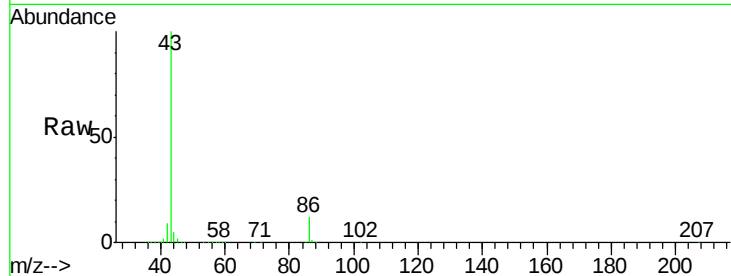
86 12.2 10.4 15.6

Manual Integrations

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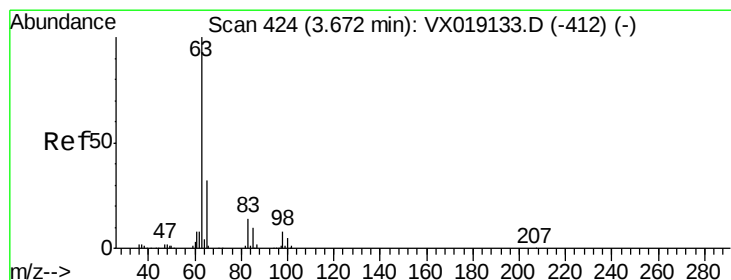
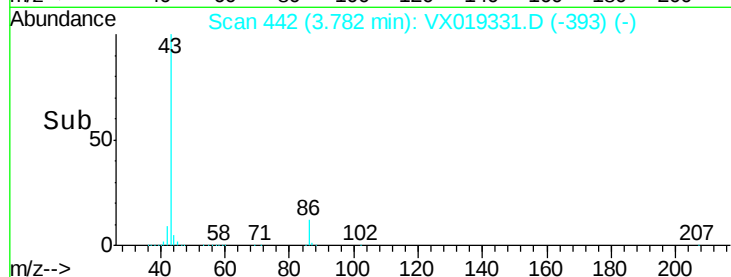
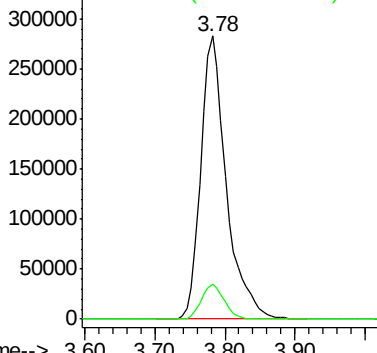
MMDadoda

11/9/2020 9:37:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.145 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

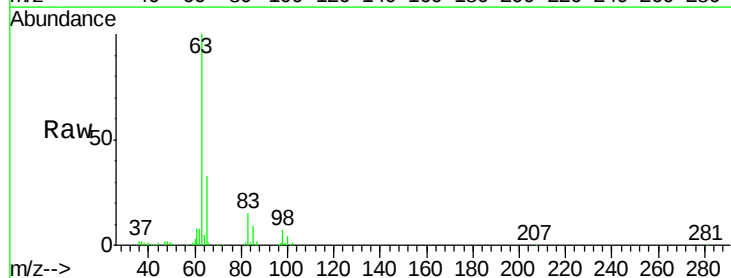
Tgt Ion: 63 Resp: 100281

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

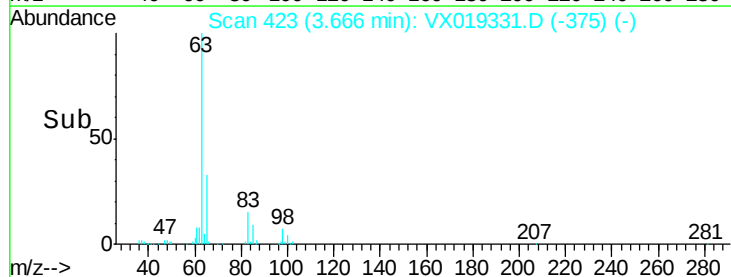
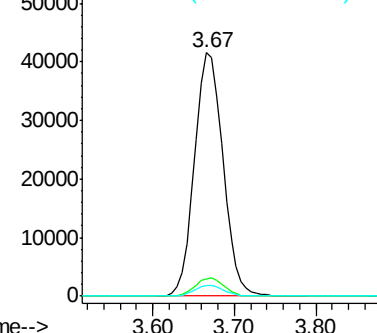
100 4.3 2.4 7.2

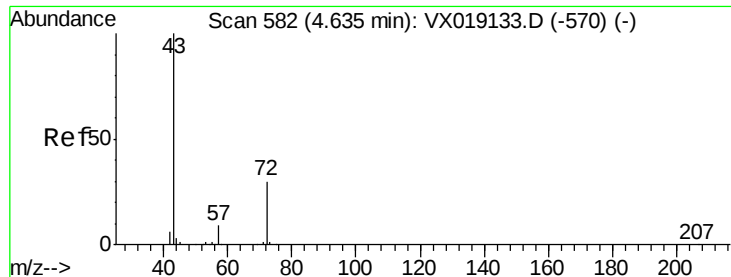


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.511 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion: 43 Resp: 193898

Ion Ratio Lower Upper

43 100

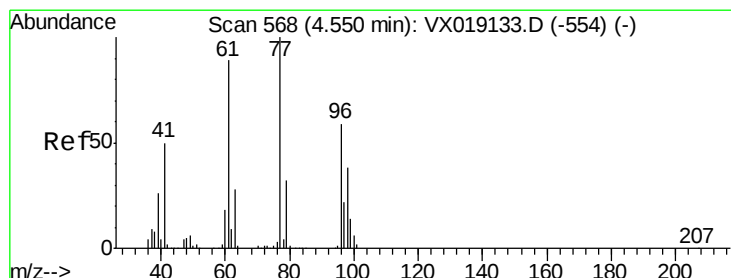
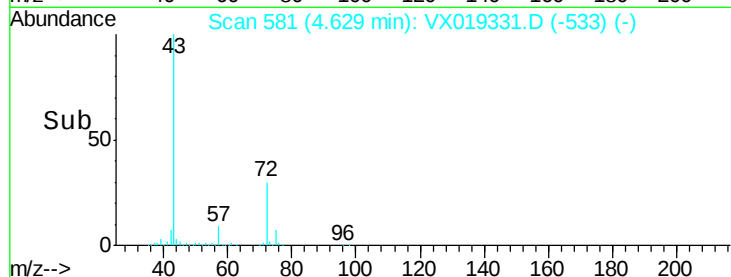
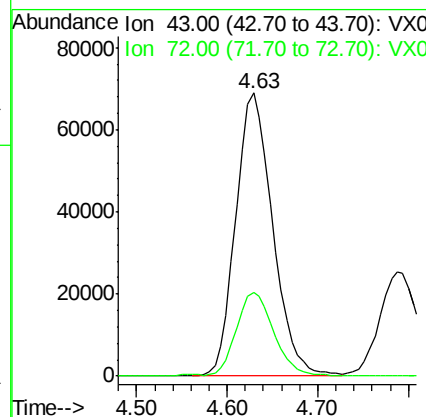
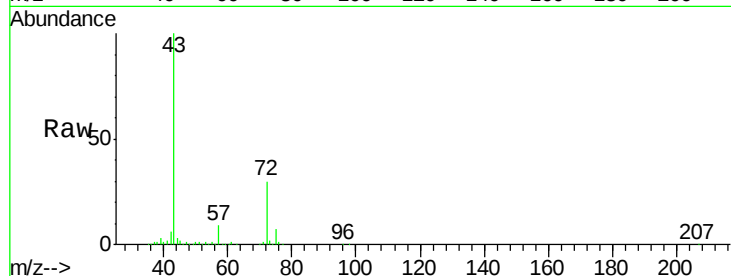
72 29.4 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.696 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019331.D

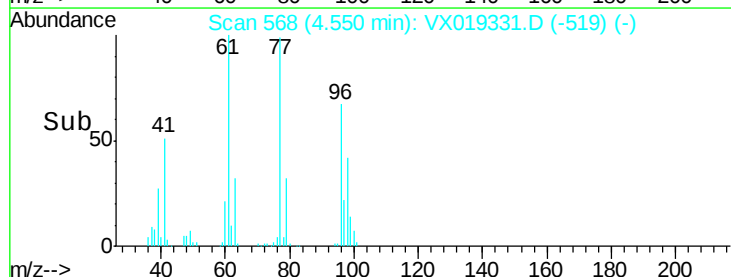
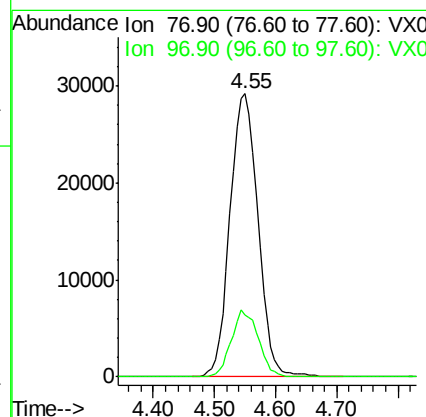
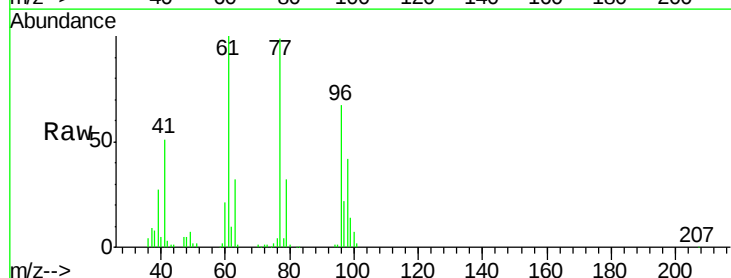
Acq: 06 Nov 2020 11:07

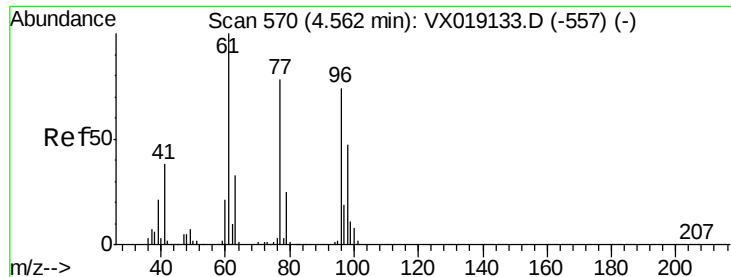
Tgt Ion: 77 Resp: 92173

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

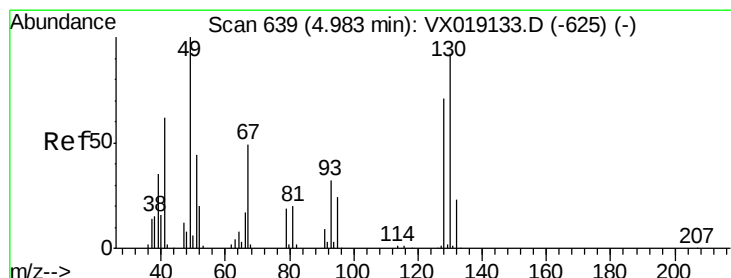
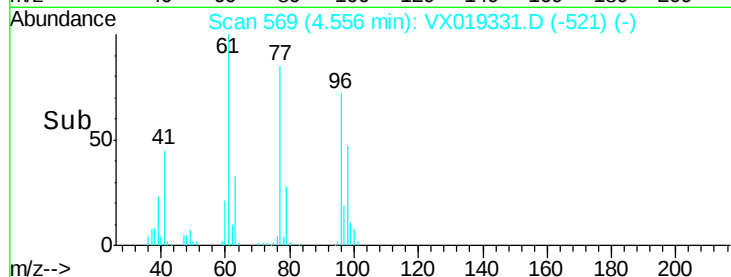
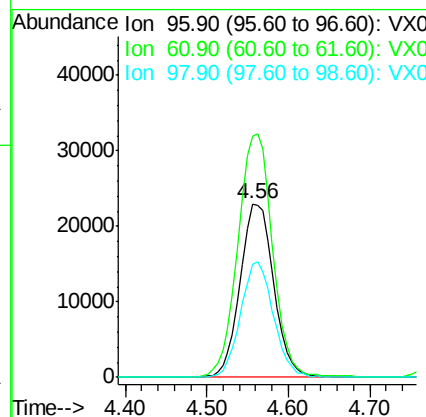
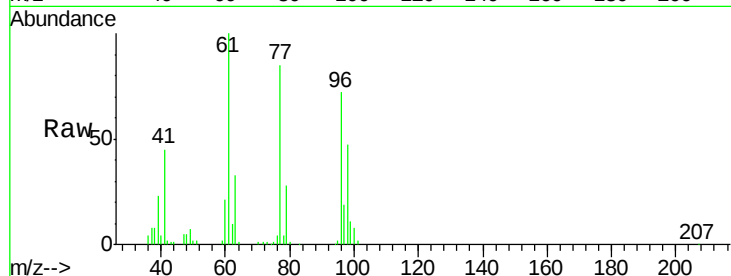
cis-1,2-Dichloroethene
Concen: 19.318 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	65599		
61	144.8	0.0	278.8	
98	65.2	0.0	130.2	

Manual Integrations
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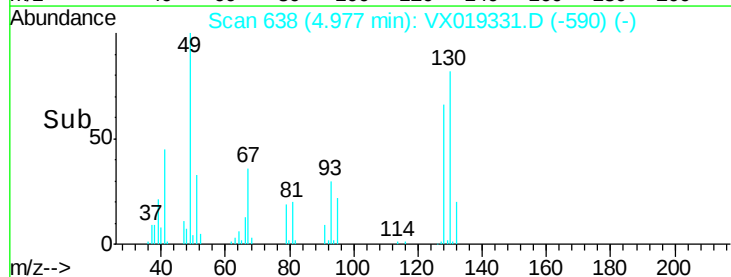
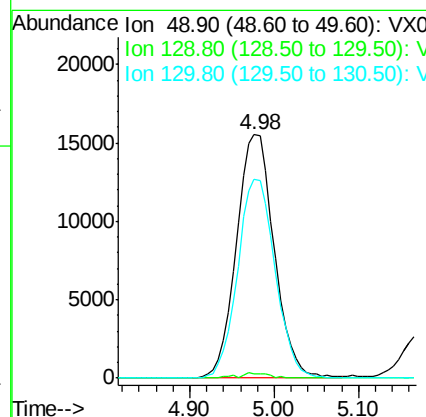
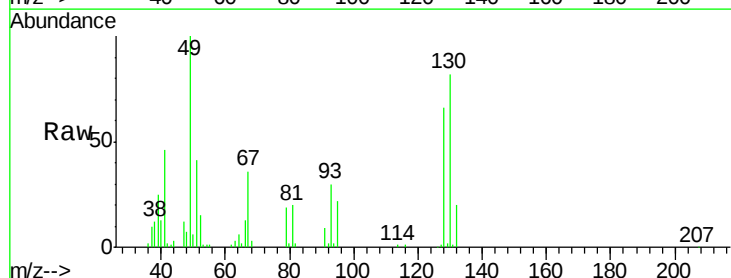
MMDadoda
11/9/2020 9:37:16 AM

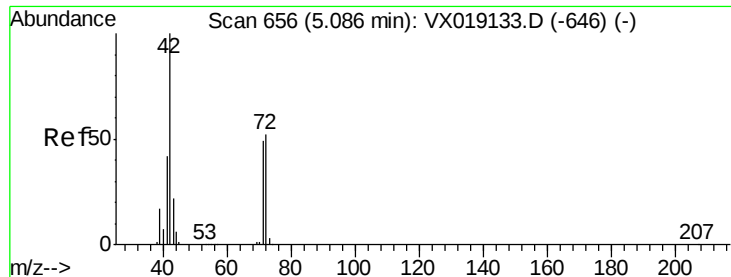


#28

Bromochloromethane
Concen: 20.809 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	47092		
129	1.6	0.0	4.4	
130	81.2	71.3	106.9	





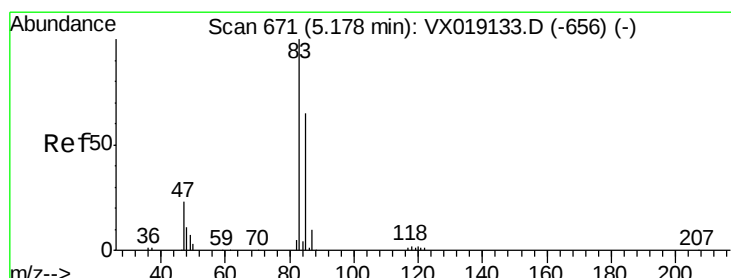
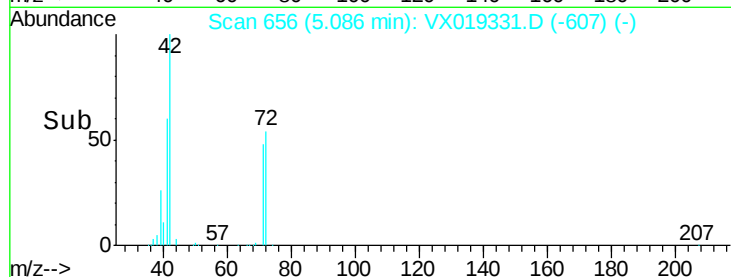
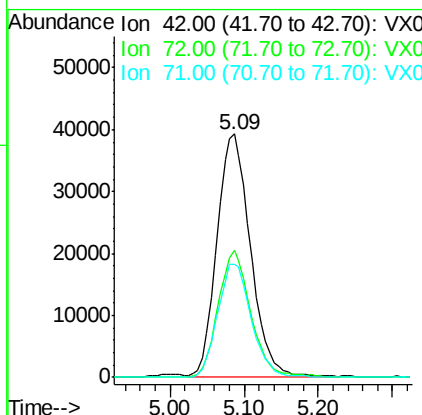
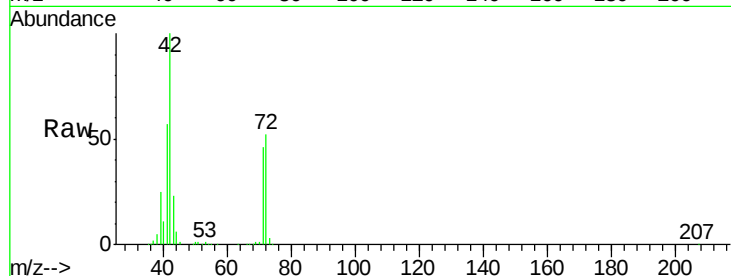
#29
Tetrahydrofuran
Concen: 101.264 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	42.6	63.8
71	47.2	39.7	59.5

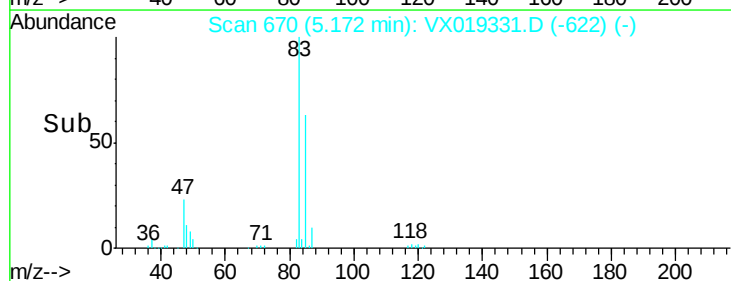
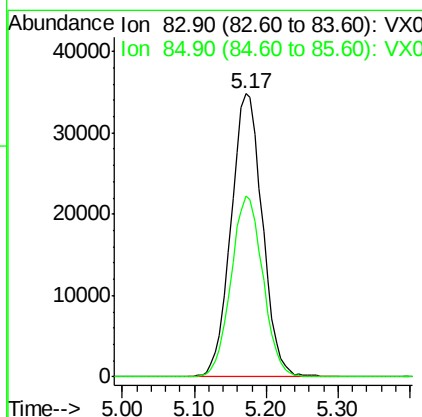
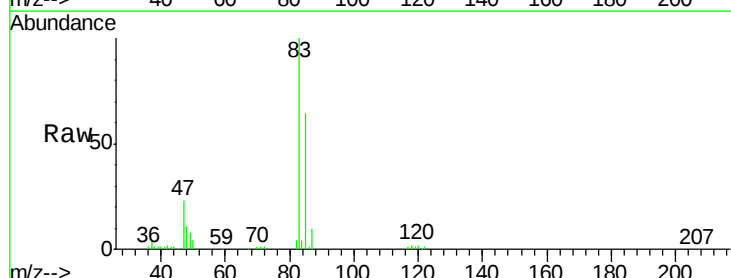
Manual Integrations
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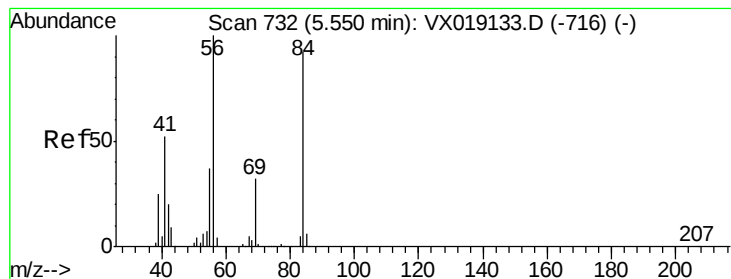
MMDadoda
11/9/2020 9:37:16 AM



#30
Chloroform
Concen: 19.837 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9





#31

Cyclohexane

Concen: 19.642 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

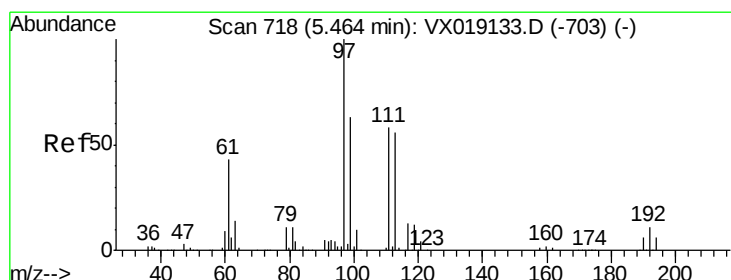
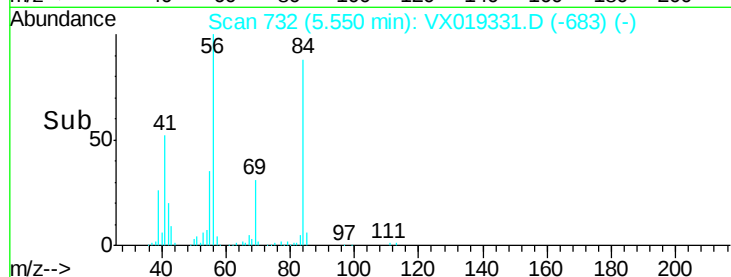
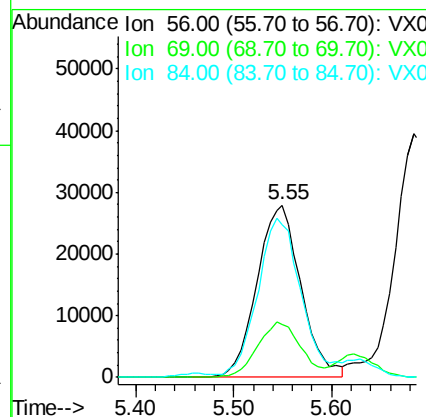
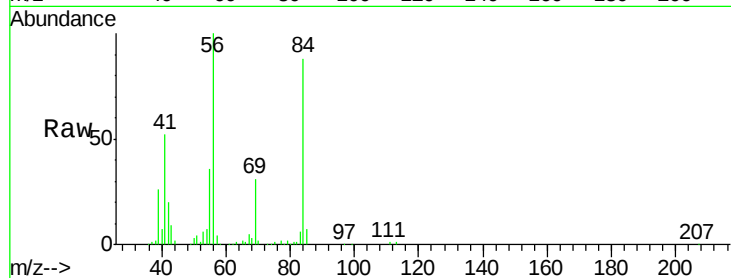
ClientSampleId :

VX1107WBS01

Tot Ion:	56	Resp:	87228
Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.9	38.9
84	86.2	73.4	110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.737 ug/l

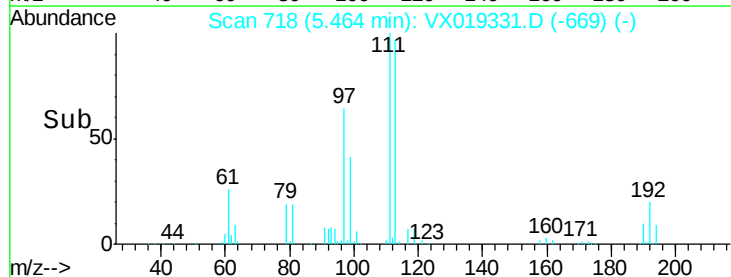
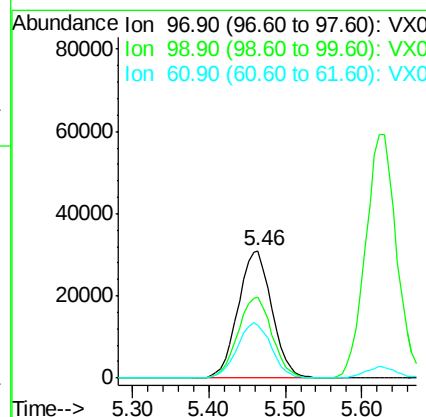
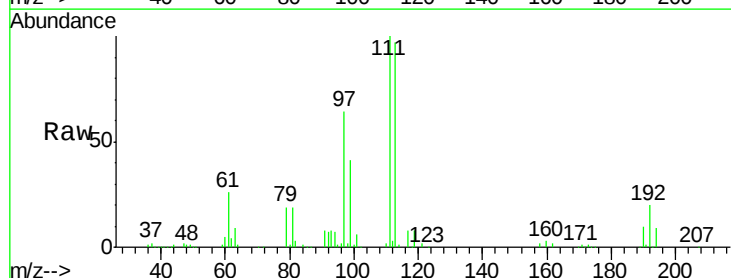
RT: 5.46 min Scan# 718

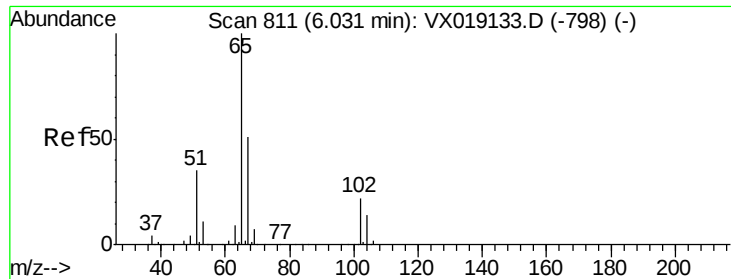
Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion:	97	Resp:	94816
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	43.7	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.301 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion: 65 Resp: 176717

Ion Ratio Lower Upper

65 100

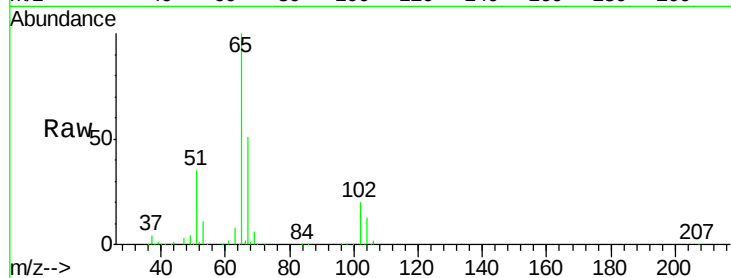
67 51.6 0.0 103.0

Manual Integrations

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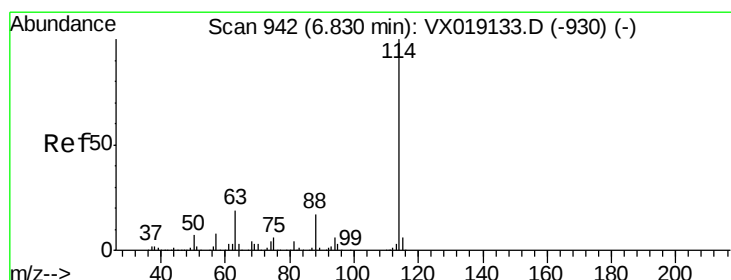
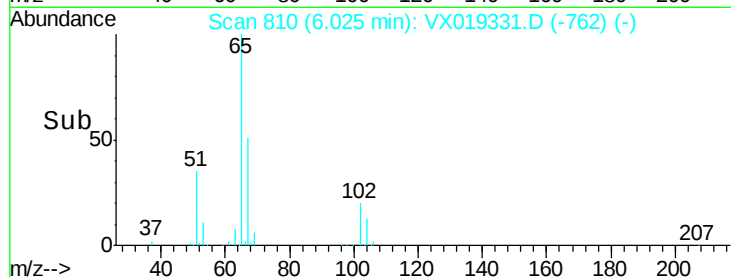
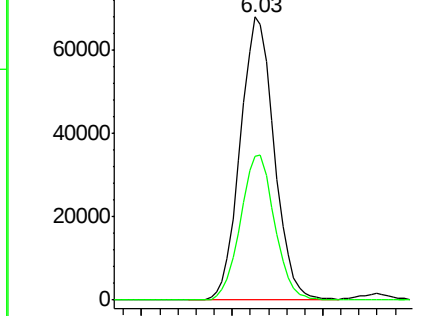
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

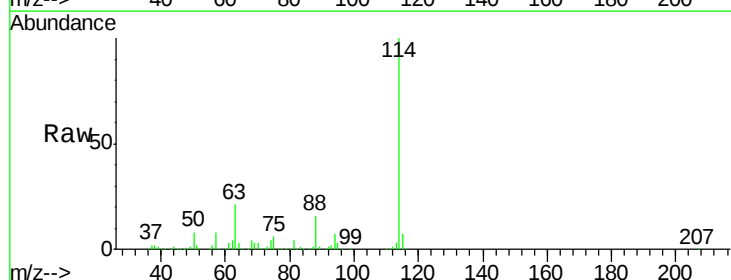
Tgt Ion: 114 Resp: 458145

Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

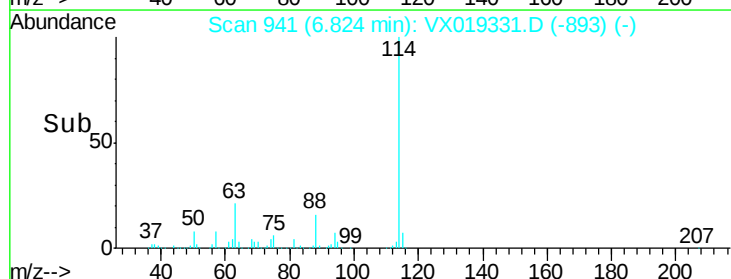
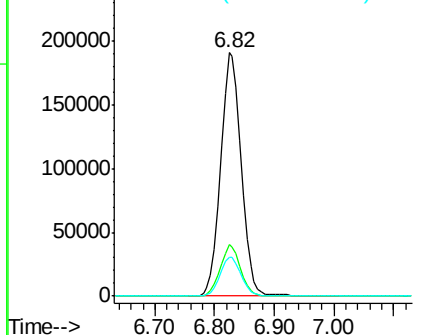
88 15.8 0.0 34.2

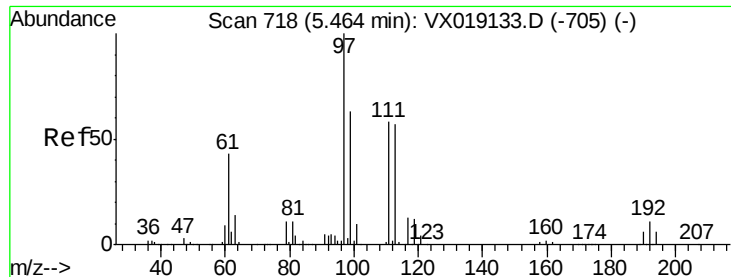


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





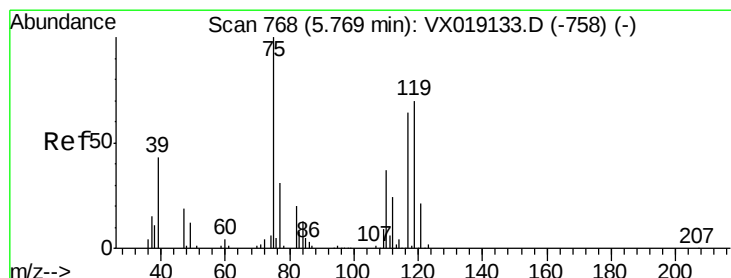
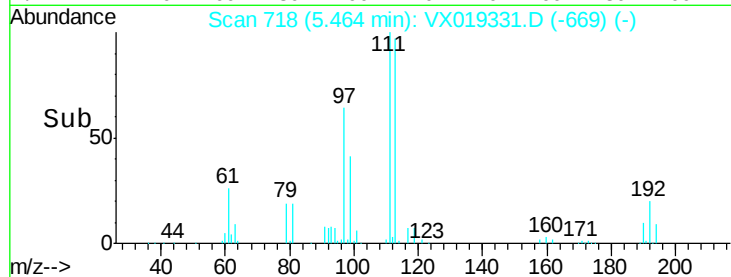
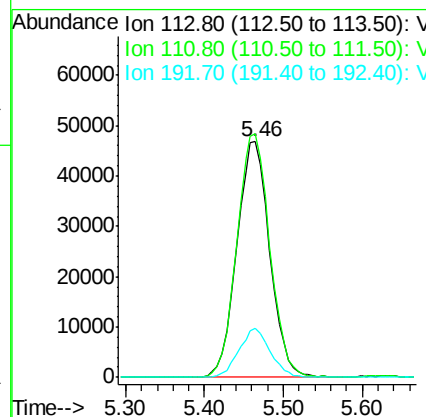
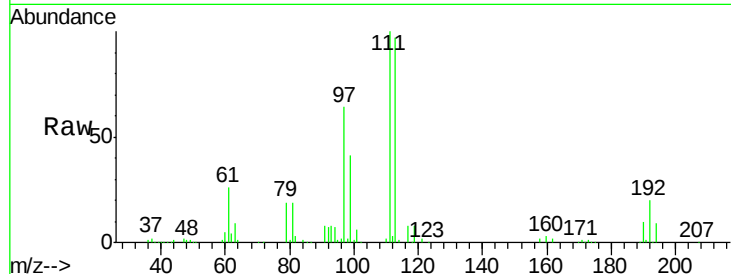
#35
Dibromofluoromethane
Concen: 47.185 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135787		
111	103.2	82.3	123.5	
192	19.8	16.2	24.2	

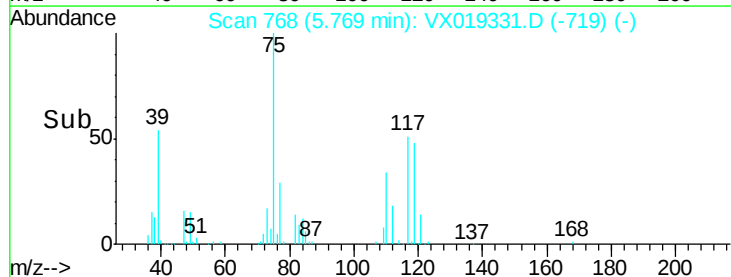
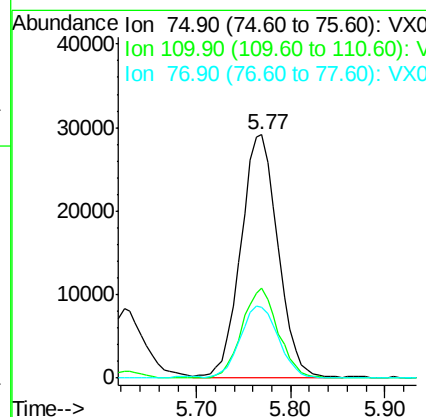
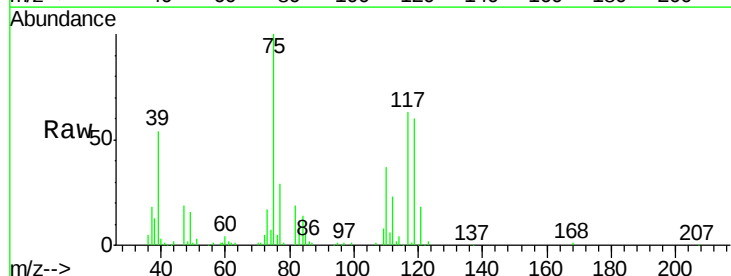
Manual Integrations
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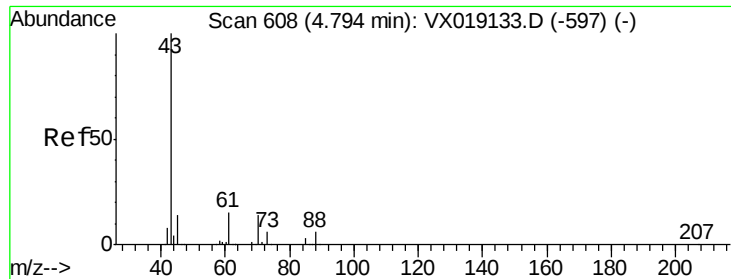
MMDadoda
11/9/2020 9:37:16 AM



#36
1,1-Dichloropropene
Concen: 18.870 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79834		
110	36.2	18.3	54.9	
77	30.9	24.9	37.3	





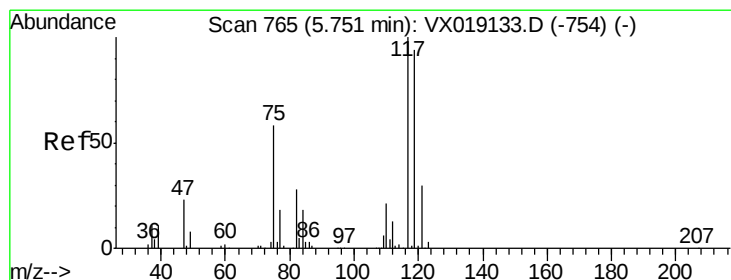
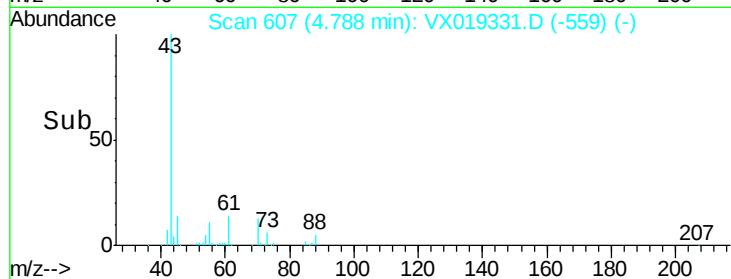
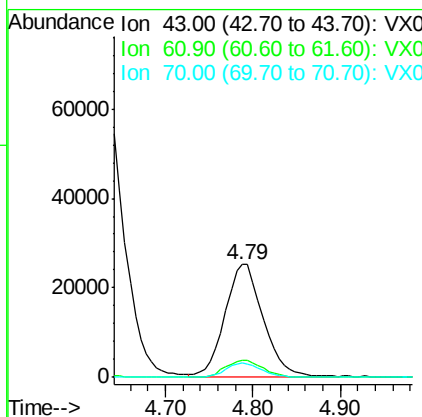
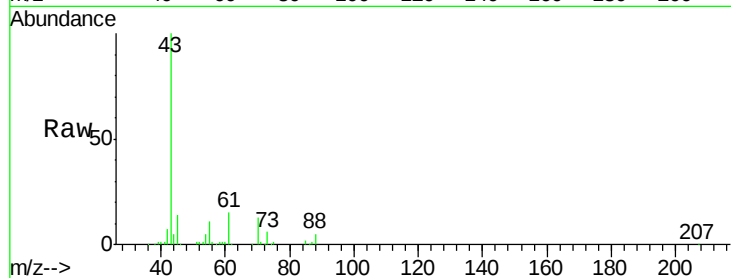
#37
Ethyl Acetate
Concen: 19.277 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

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

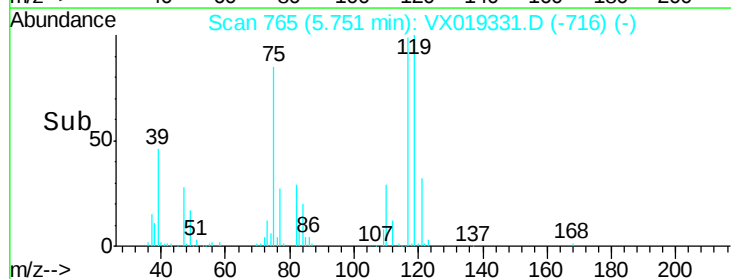
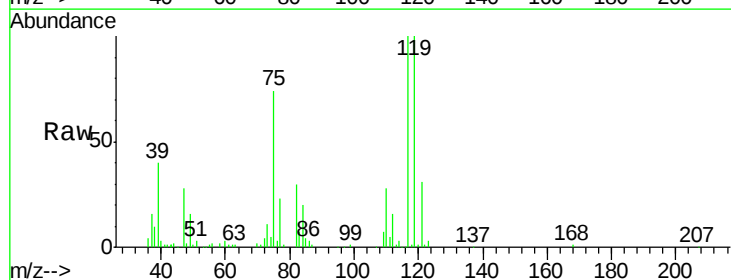
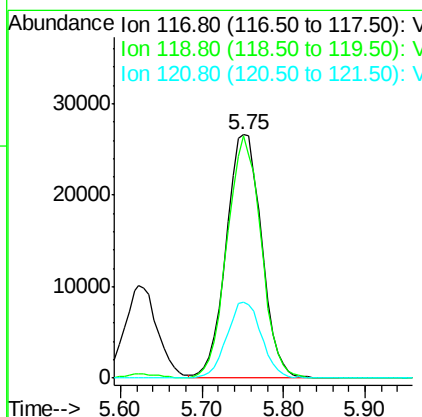
Manual Integrations
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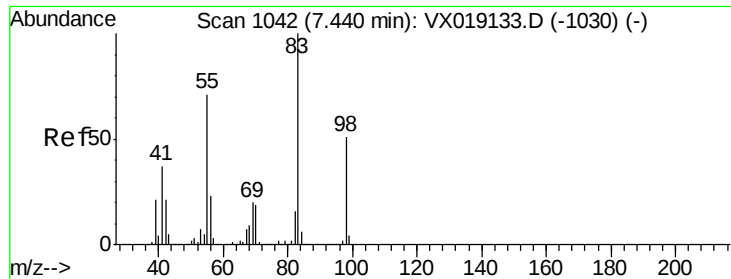
MMDadoda
11/9/2020 9:37:16 AM



#38
Carbon Tetrachloride
Concen: 18.544 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.0	112.6
121	31.1	23.9	35.9





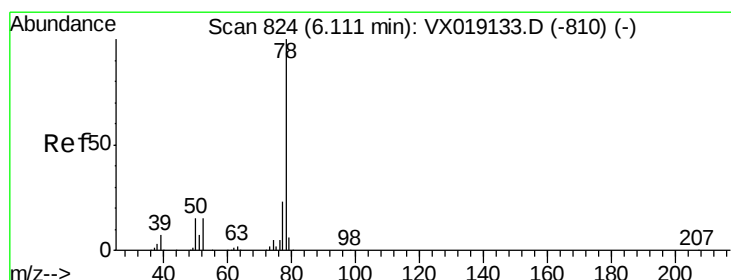
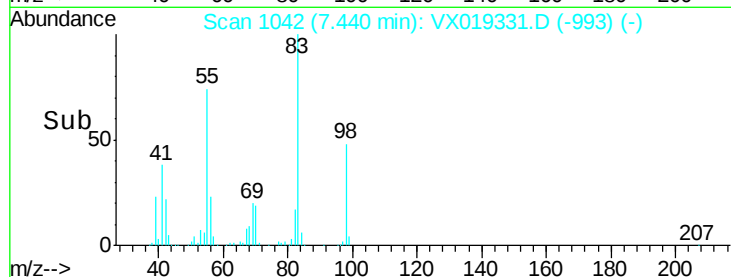
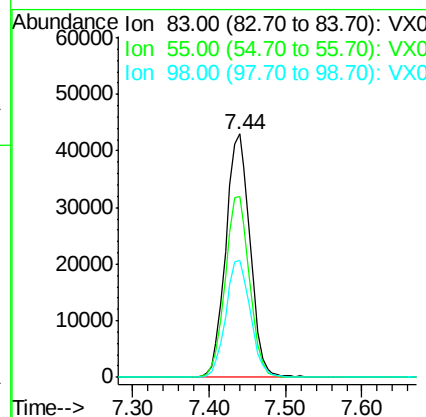
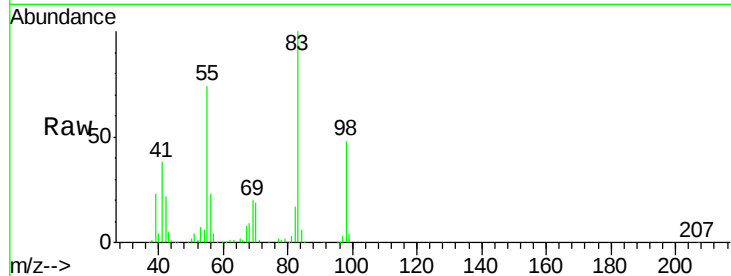
#39
Methvlcvclohexane
Concen: 18.693 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	57.0	85.6
98	47.9	40.5	60.7

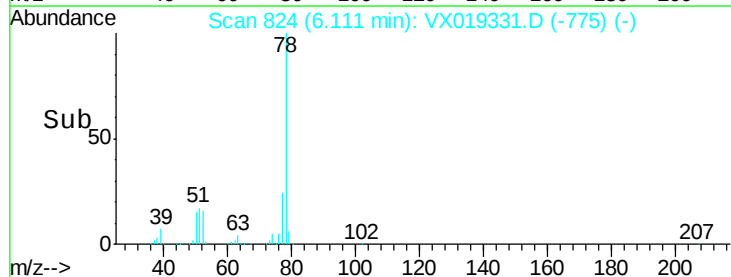
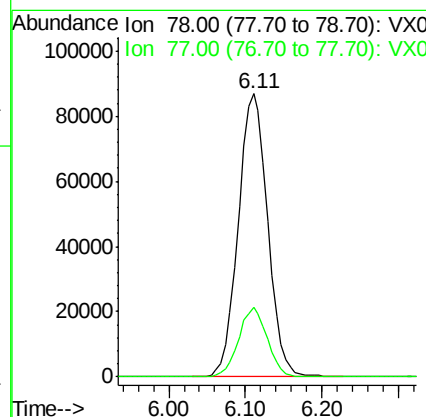
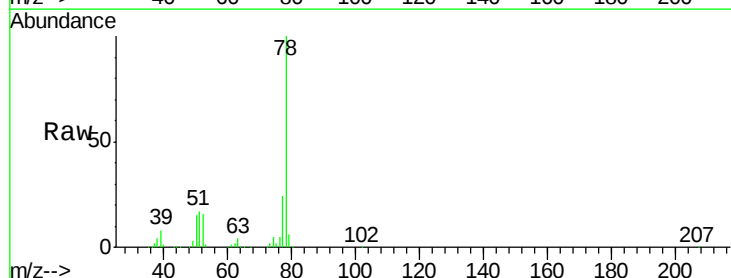
Manual Integrations
APPROVED

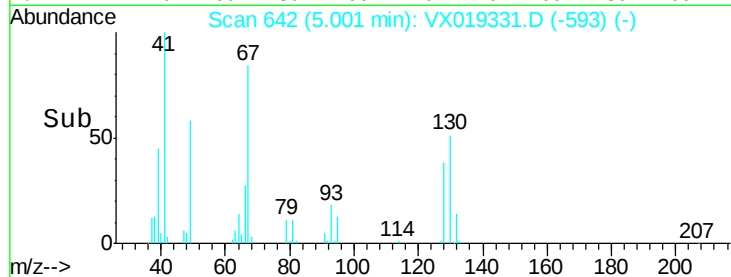
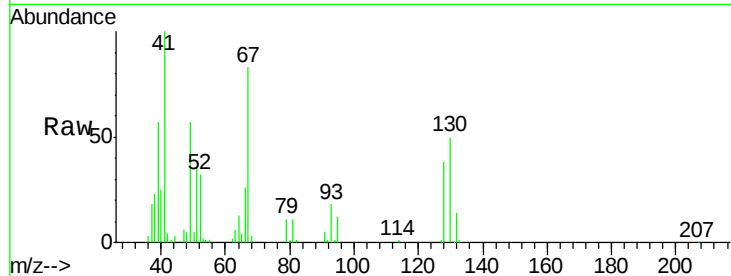
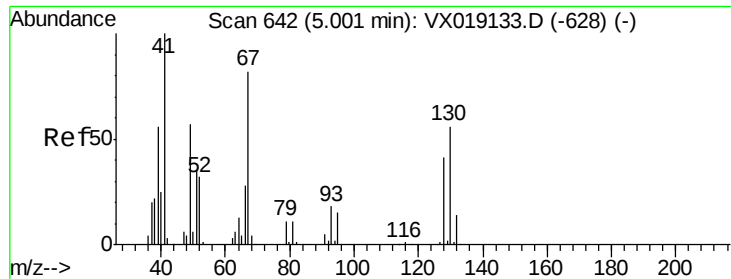
MMDadoda
11/9/2020 9:37:16 AM



#40
Benzene
Concen: 19.287 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





#41

Methacrylonitrile

Concen: 19.036 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.7	44.4	66.6	
67	80.9	66.4	99.6	
52	33.0	26.2	39.4	

Instrument :

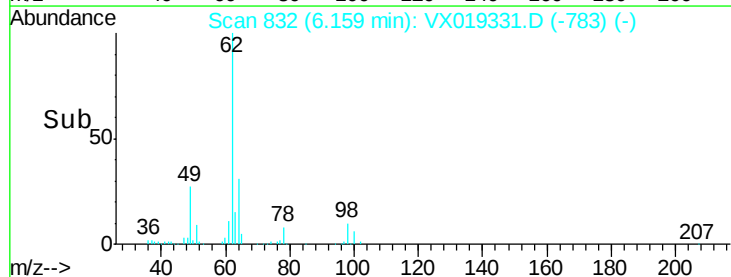
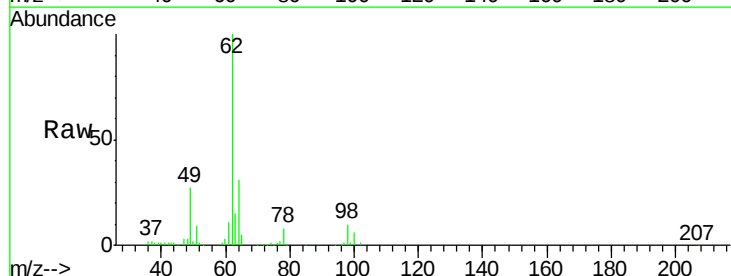
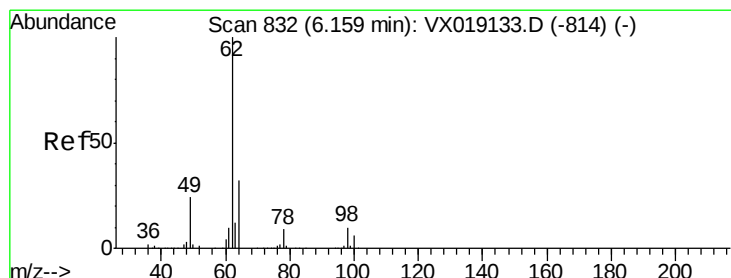
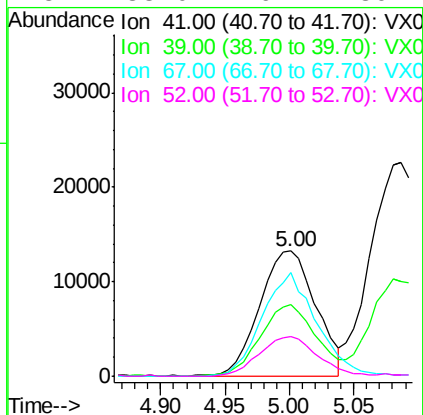
MSVOA_X

ClientSampleId :

VX1107WBS01

Manual Integrations
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11/9/2020 9:37:16 AM



#42

1,2-Dichloroethane

Concen: 19.704 ug/l

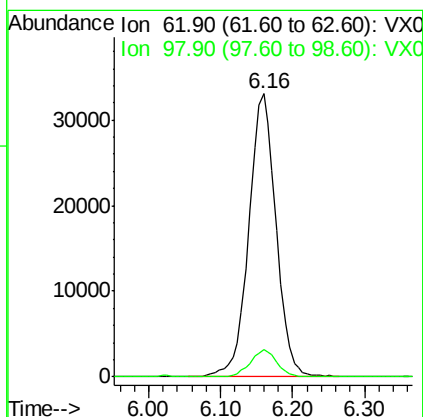
RT: 6.16 min Scan# 832

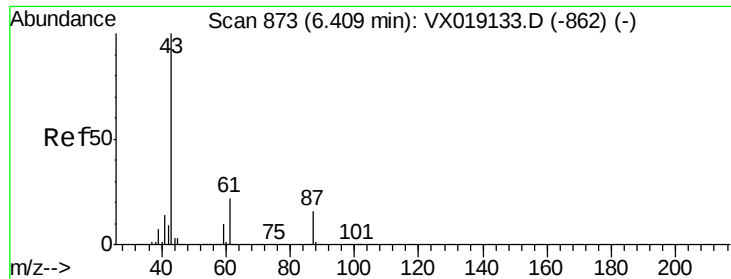
Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	19.0	





#43

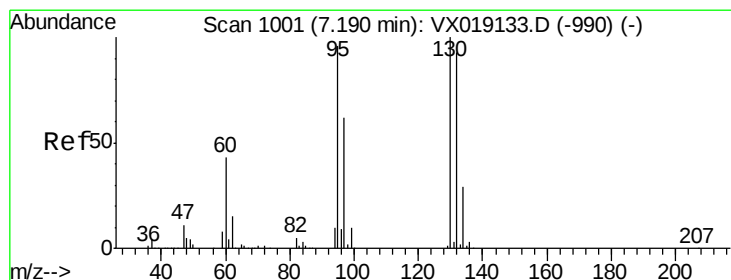
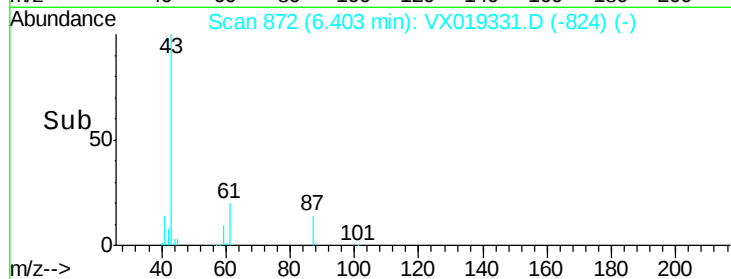
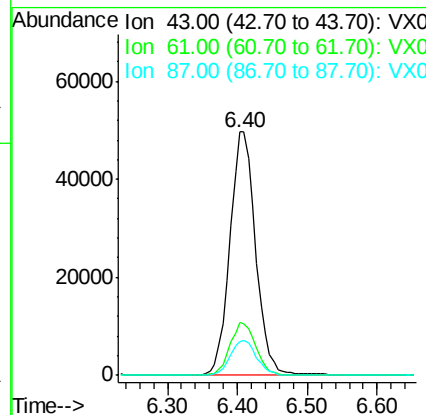
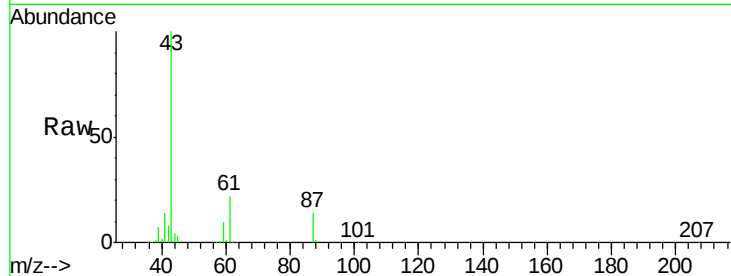
Isopropyl Acetate
 Concen: 19.160 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	14.8	12.6	19.0

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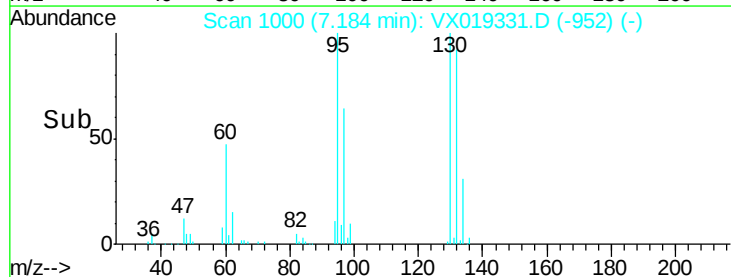
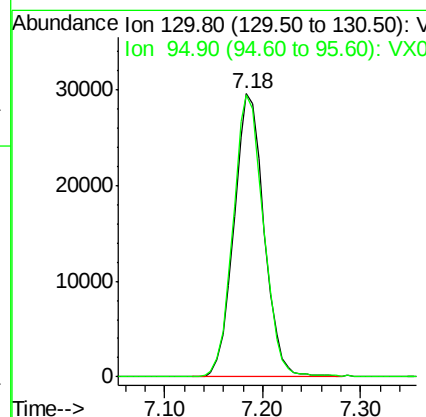
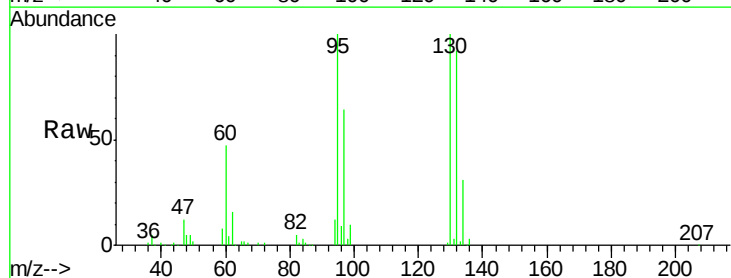
MMDadoda
 11/9/2020 9:37:16 AM

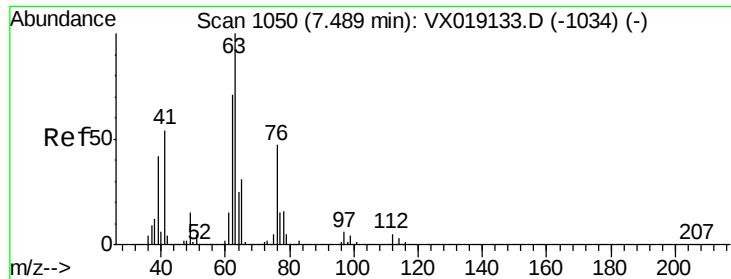


#44

Trichloroethene
 Concen: 18.350 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.921 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion: 63 Resp: 58528

Ion Ratio Lower Upper

63 100

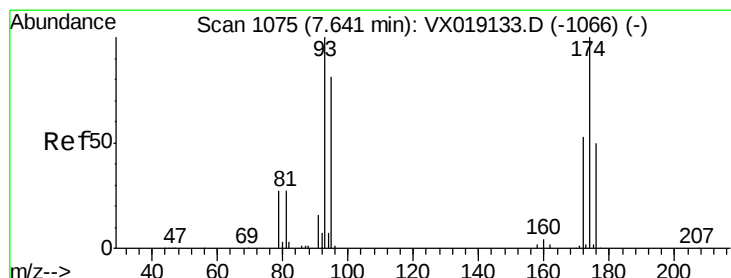
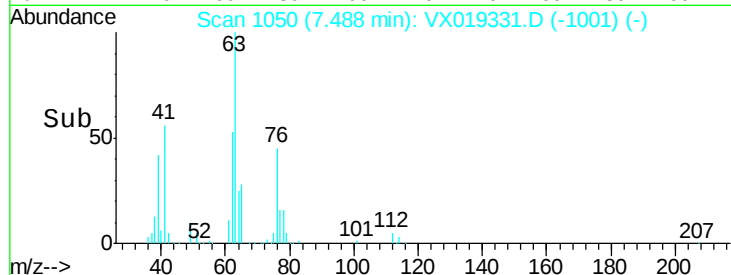
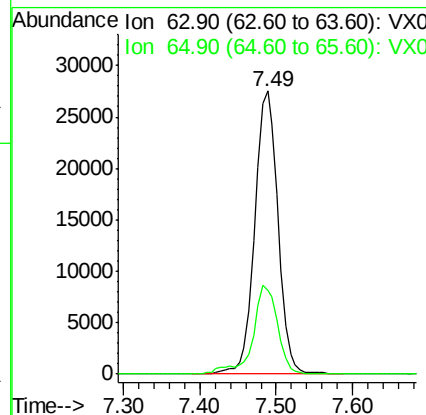
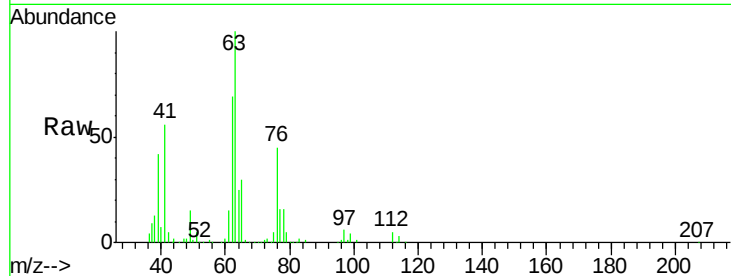
65 29.5 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 18.706 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

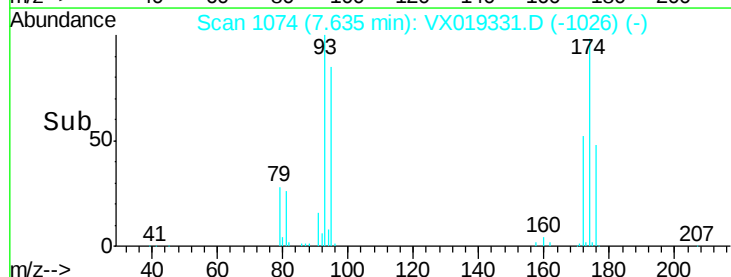
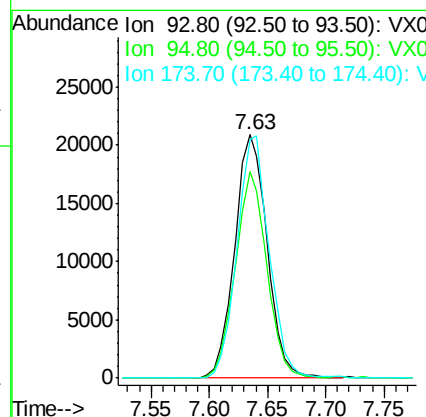
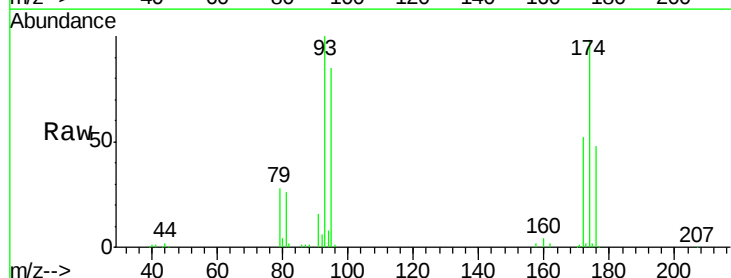
Tgt Ion: 93 Resp: 40641

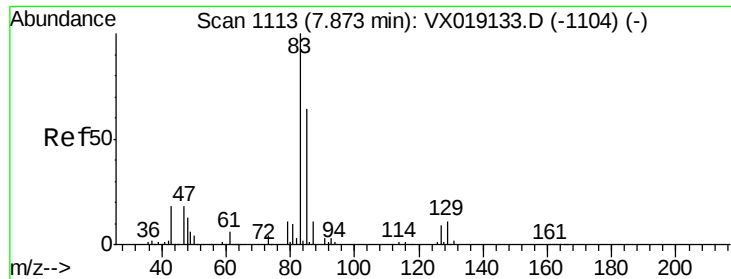
Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.6

174 98.4 81.7 122.5





#47

Bromodichloromethane

Concen: 19.021 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

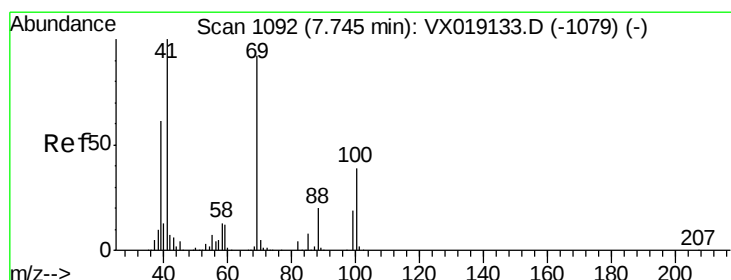
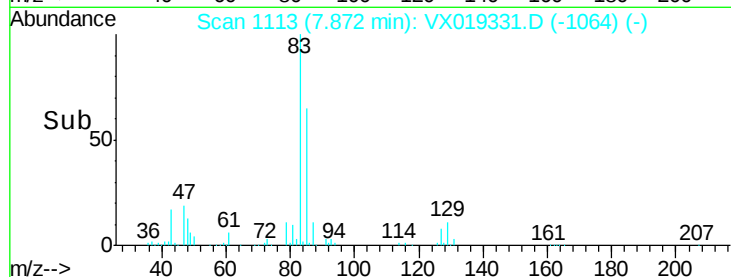
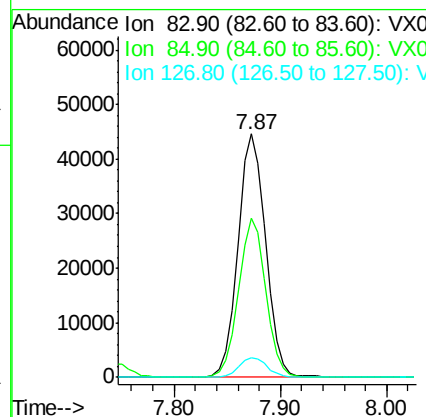
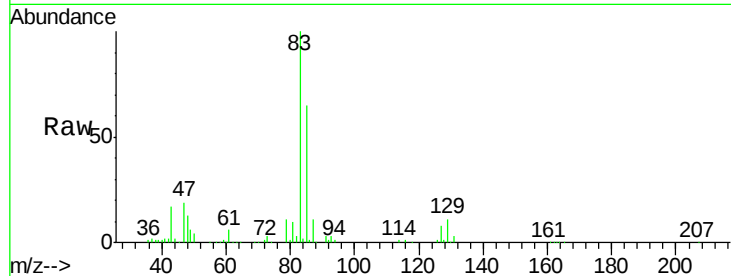
ClientSampleId :

VX1107WBS01

Tot Ion:	83	Resp:	81454
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	8.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.367 ug/l

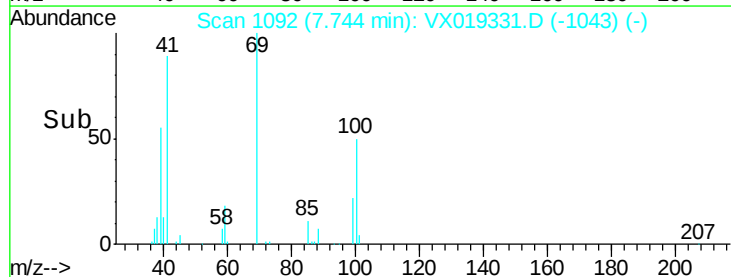
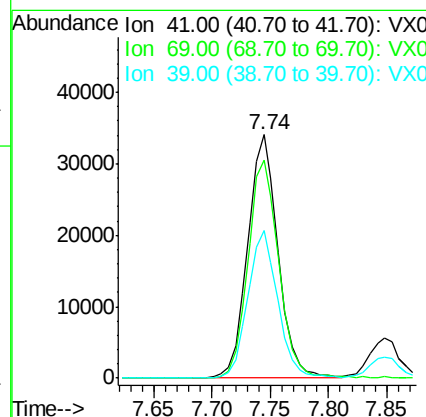
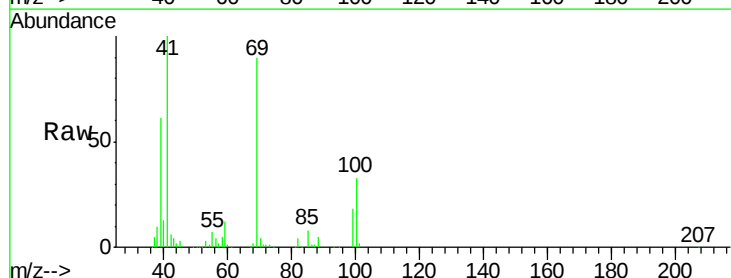
RT: 7.74 min Scan# 1092

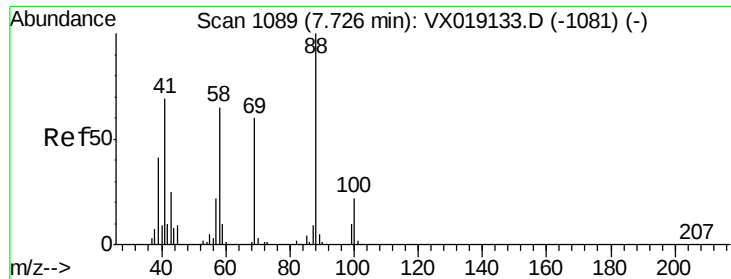
Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion:	41	Resp:	61310
Ion	Ratio	Lower	Upper
41	100		
69	91.4	75.5	113.3
39	60.7	48.9	73.3





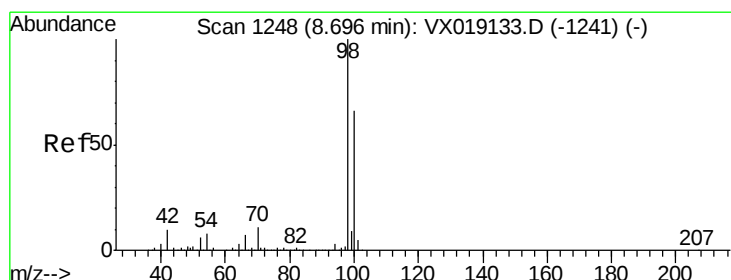
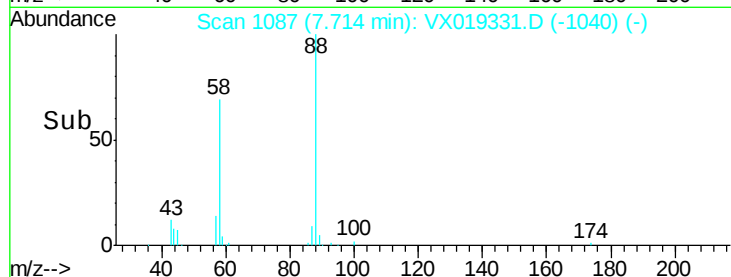
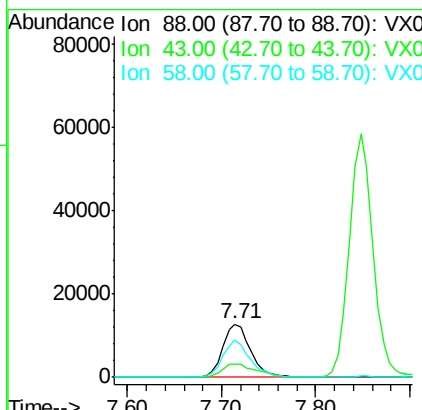
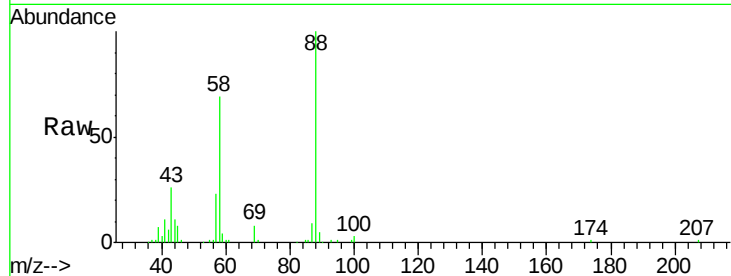
#49
1,4-Dioxane
Concen: 371.757 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.0	34.6
58	69.5	52.2	78.2

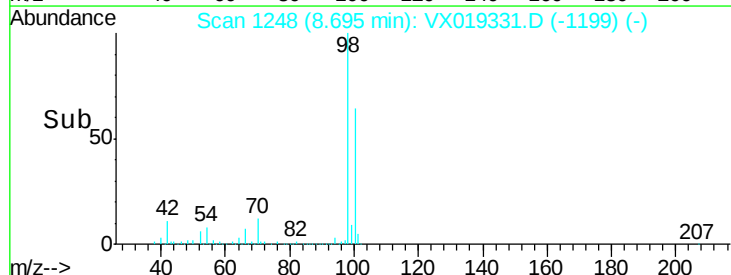
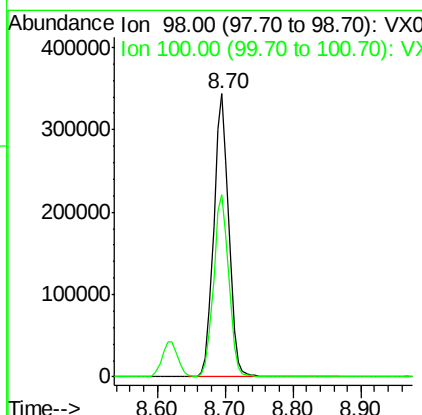
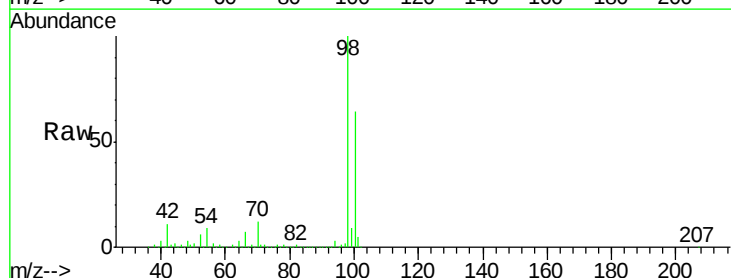
Manual Integrations
APPROVED

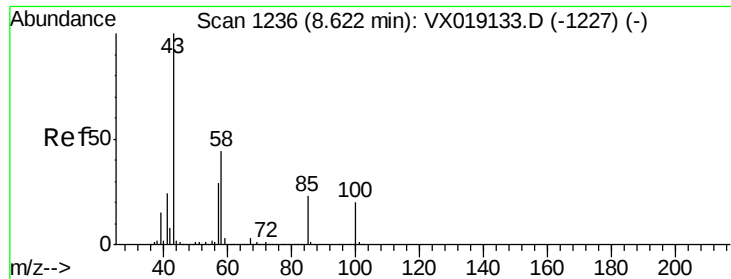
MMDadoda
11/9/2020 9:37:16 AM



#50
Toluene-d8
Concen: 48.460 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





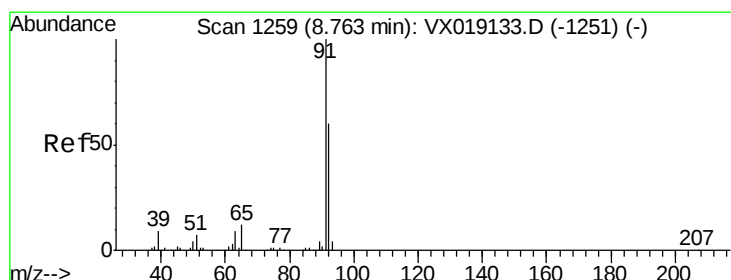
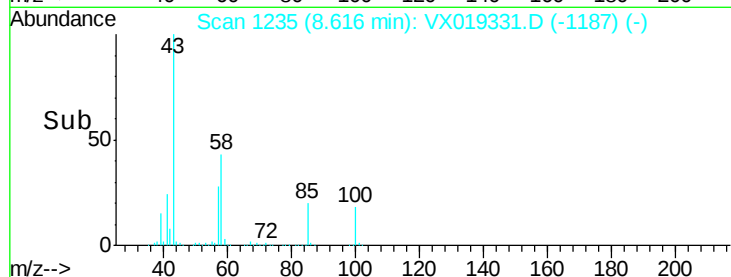
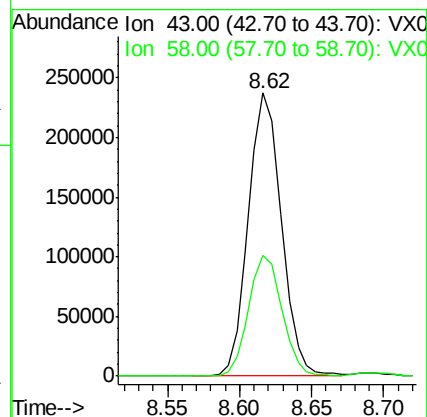
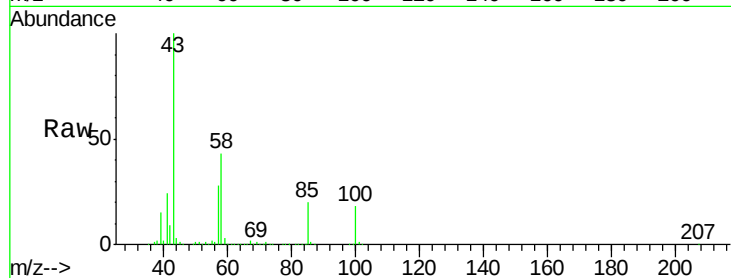
#51
4-Methyl-2-Pentanone
Concen: 99.803 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion: 43 Resp: 377281
Ion Ratio Lower Upper
43 100
58 43.0 35.0 52.4

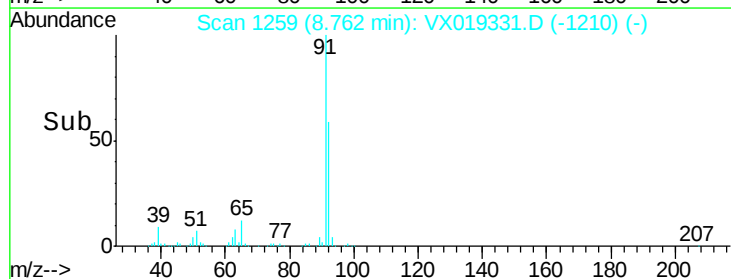
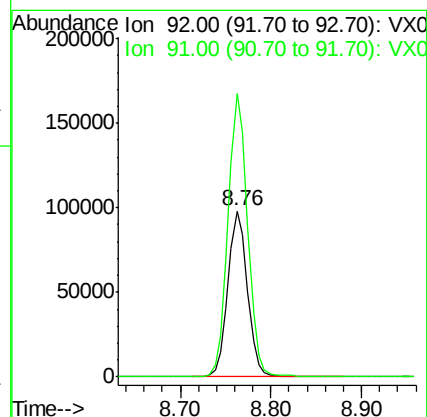
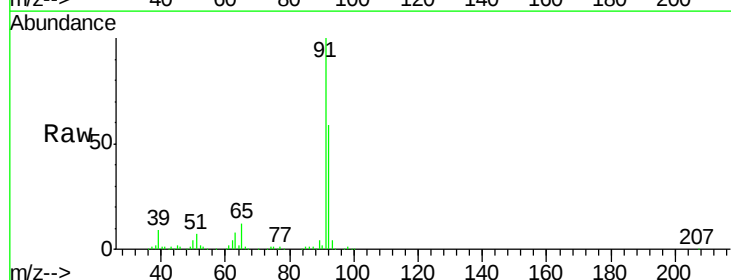
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APPROVED

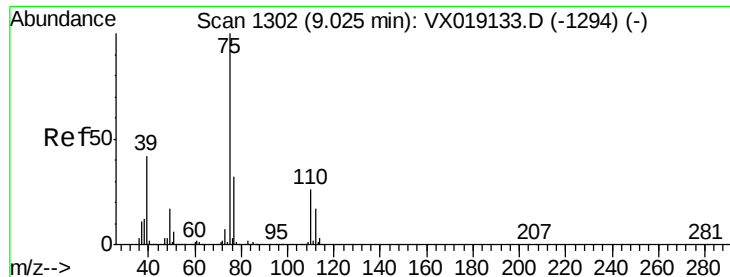
MMDadoda
11/9/2020 9:37:16 AM



#52
Toluene
Concen: 19.140 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion: 92 Resp: 147866
Ion Ratio Lower Upper
92 100
91 171.5 136.3 204.5





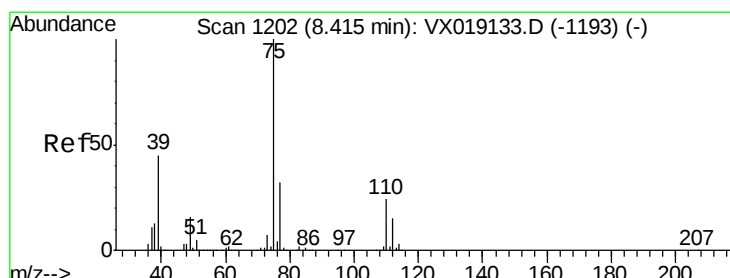
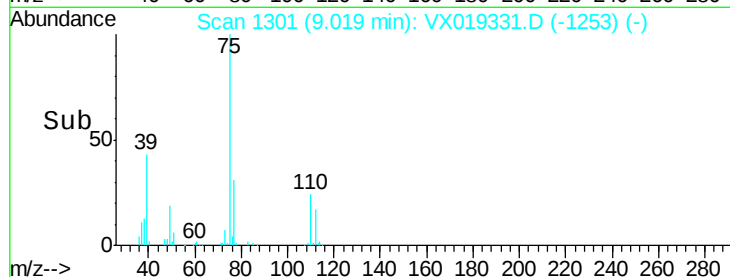
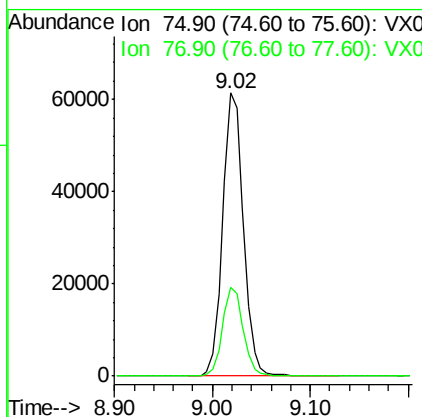
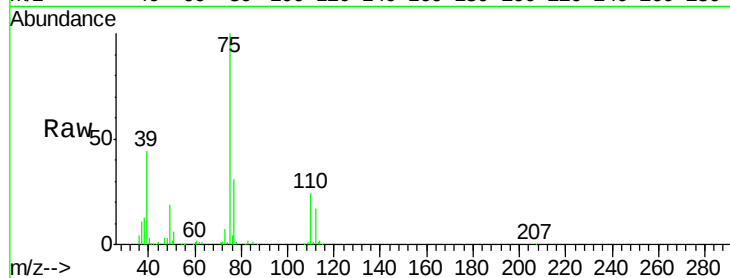
#53
t-1,3-Dichloropropene
Concen: 18.490 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

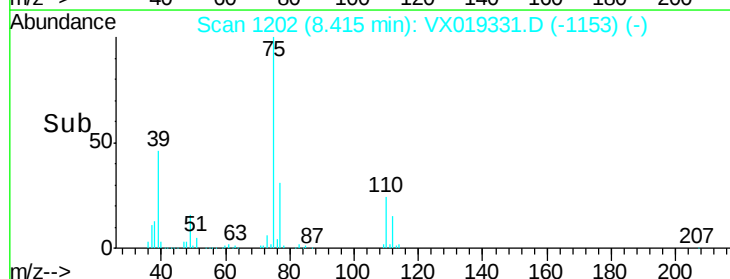
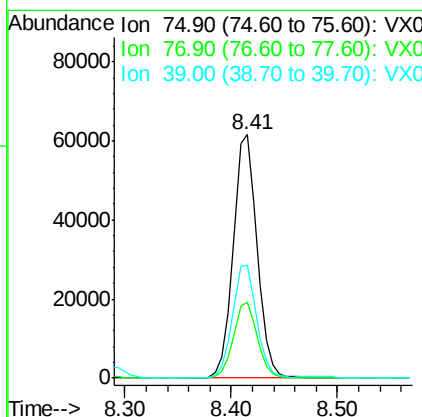
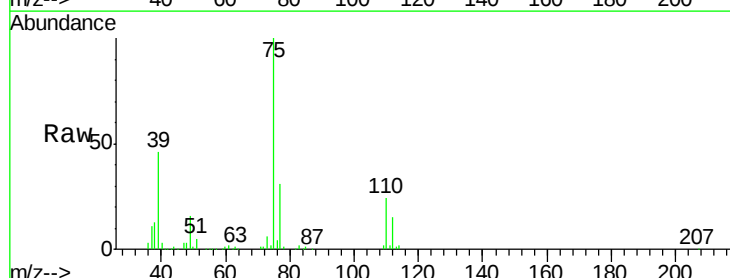
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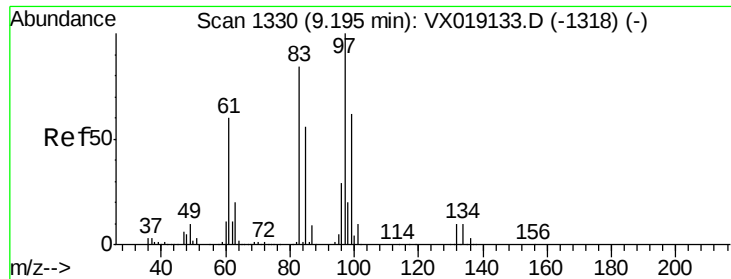
MMDadoda
11/9/2020 9:37:16 AM



#54
cis-1,3-Dichloropropene
Concen: 18.946 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3
39	46.5	36.2	54.2





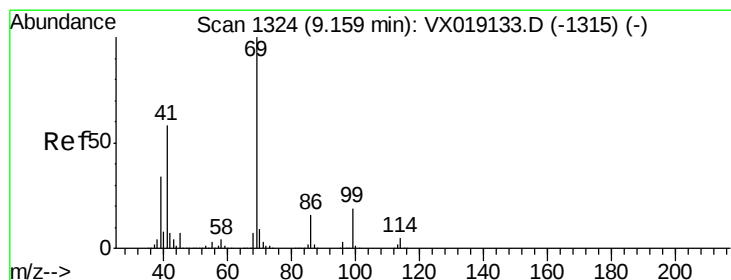
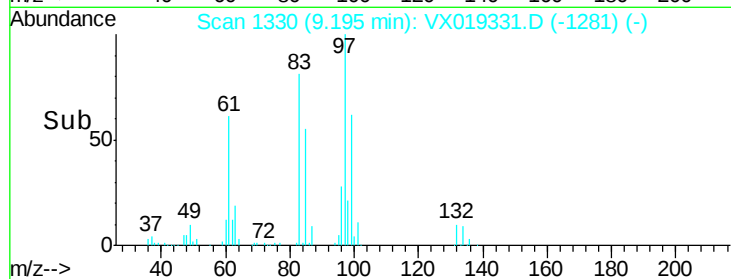
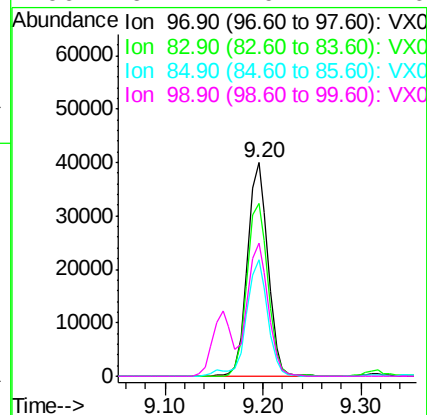
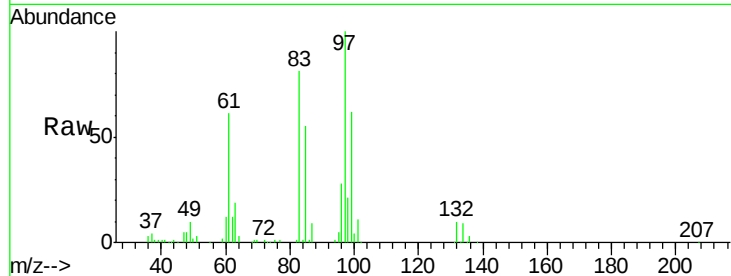
#55
 1,1,2-Trichloroethane
 Concen: 19.163 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58496		
83	81.0	67.2	100.8		
85	54.8	44.6	67.0		
99	62.4	49.4	74.0		

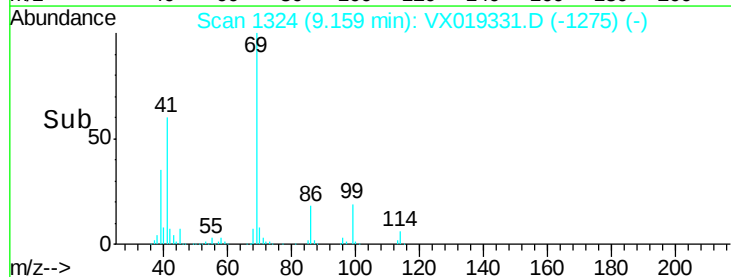
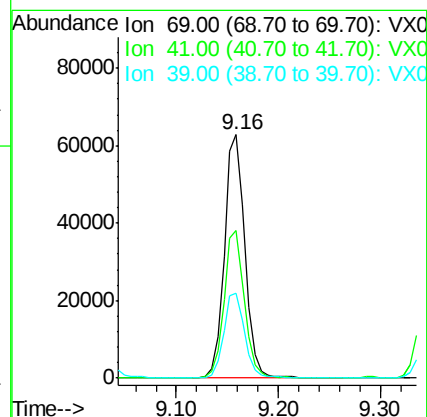
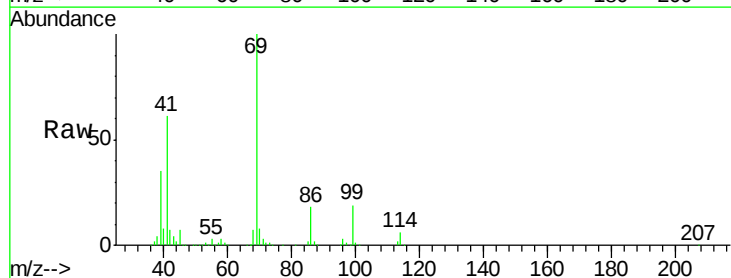
Manual Integrations
 APPROVED

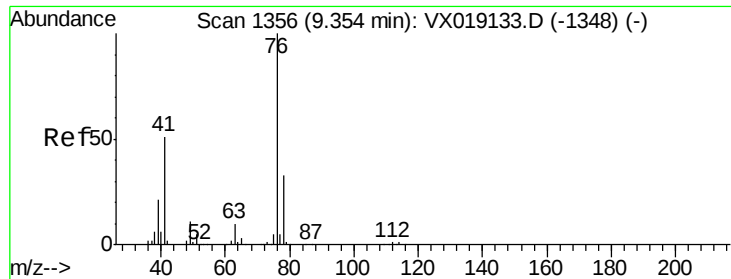
MMDadoda
 11/9/2020 9:37:16 AM



#56
 Ethyl methacrylate
 Concen: 19.104 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		88083		
41	60.1	46.5	69.7		
39	35.9	27.6	41.4		





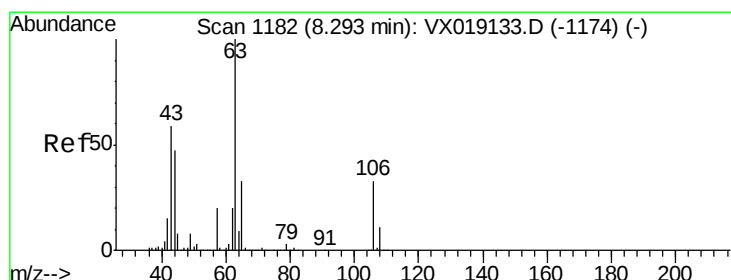
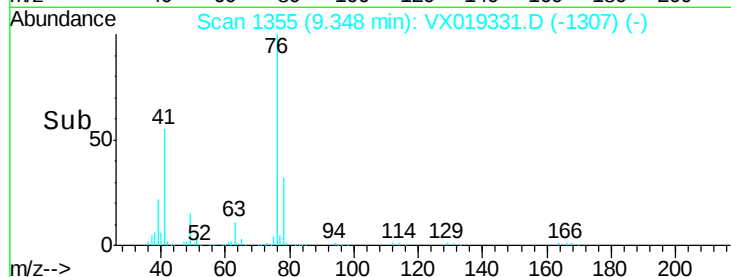
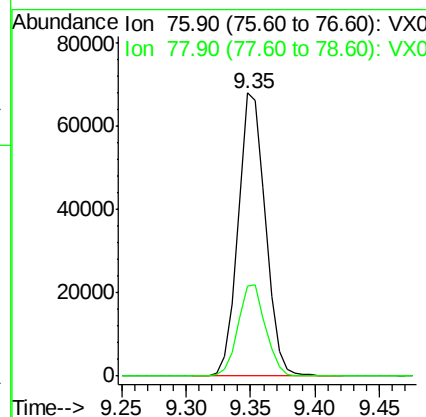
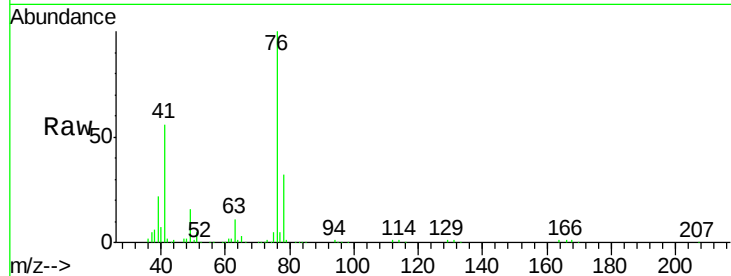
#57
 1,3-Dichloropropane
 Concen: 19.422 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

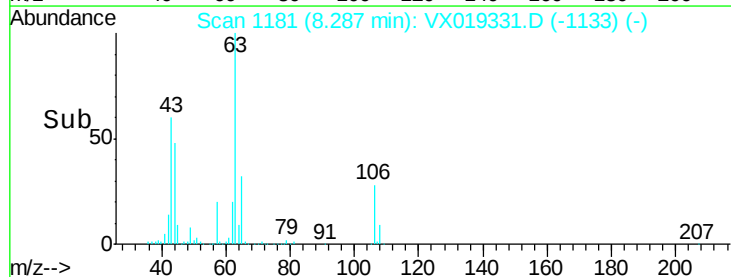
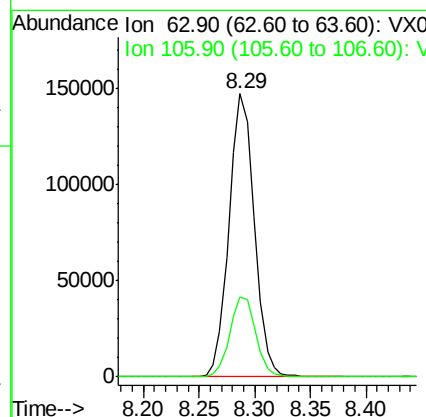
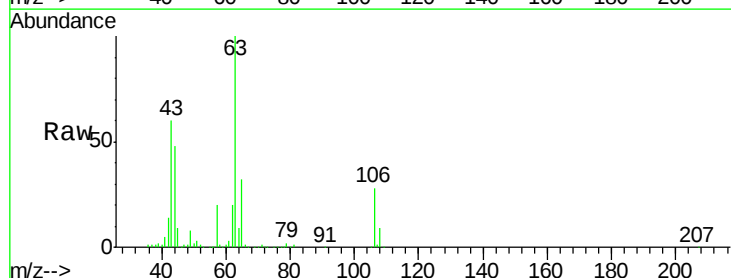
Manual Integrations
 APPROVED

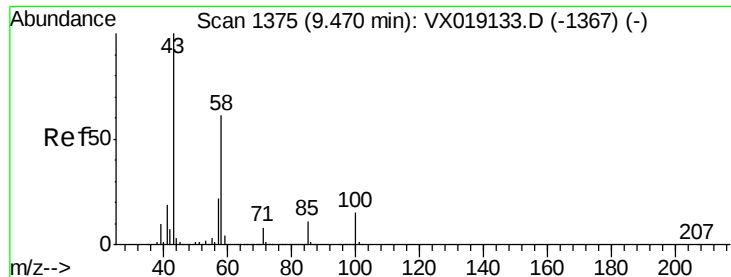
MMDadoda
 11/9/2020 9:37:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.966 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	25.1	37.7





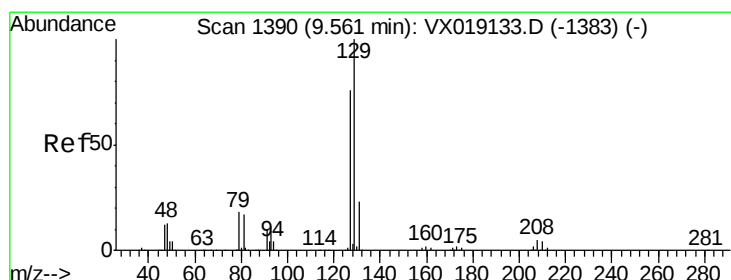
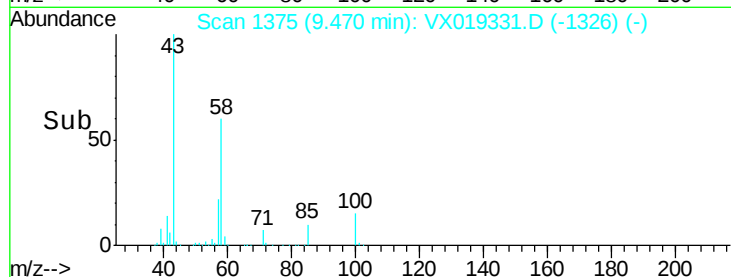
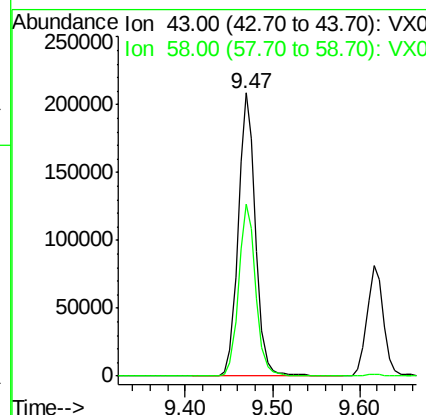
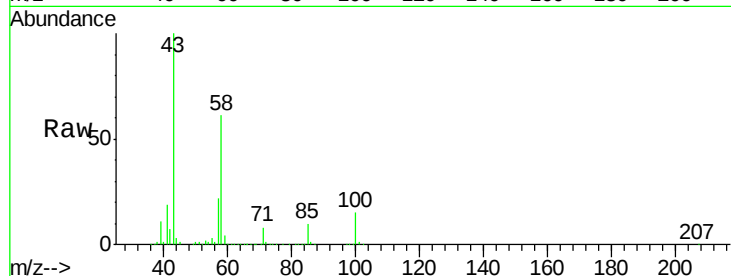
#59
2-Hexanone
Concen: 100.164 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	288227		
58	60.3		30.5	91.5

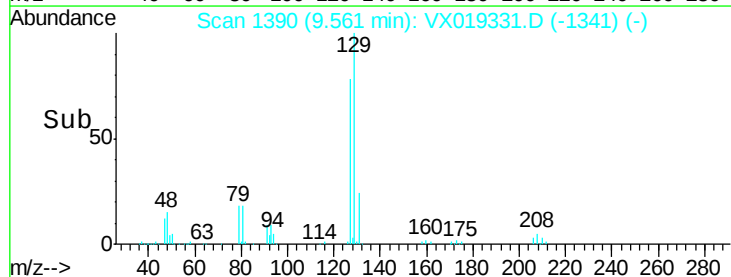
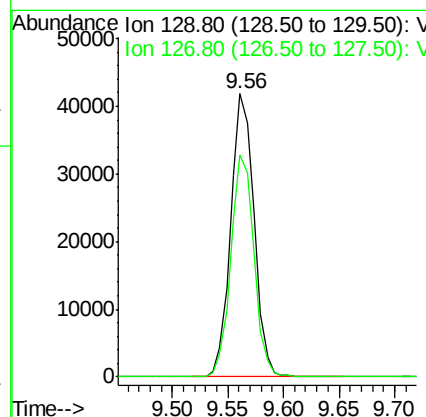
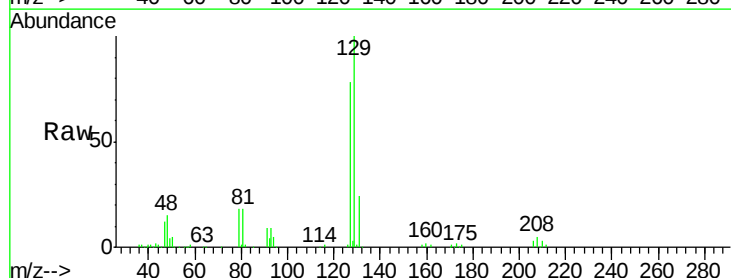
Manual Integrations
APPROVED

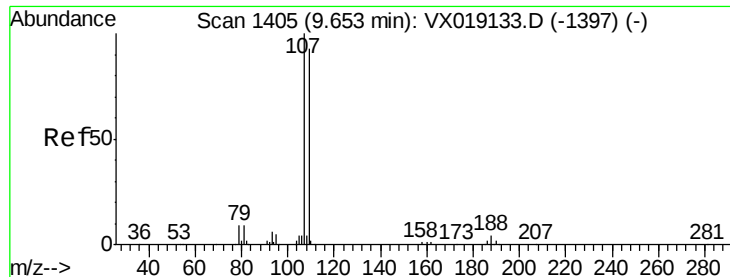
MMDadoda
11/9/2020 9:37:16 AM



#60
Dibromochloromethane
Concen: 18.344 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
129	100	60768		
127	77.6		38.6	115.8





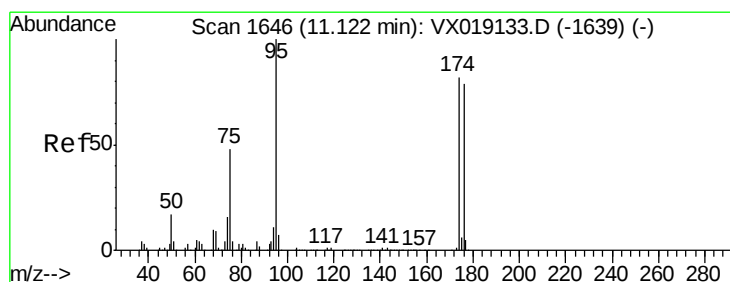
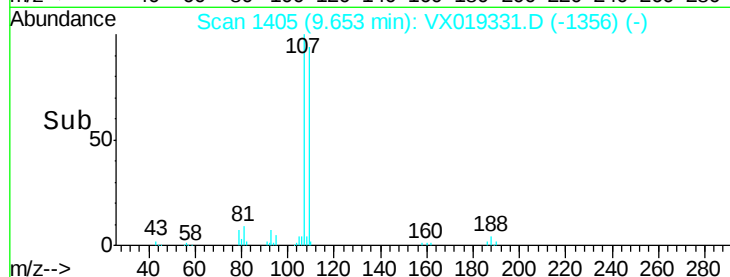
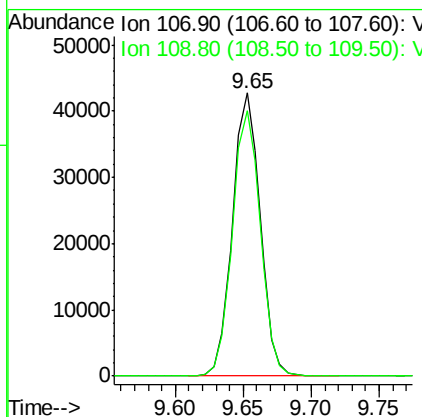
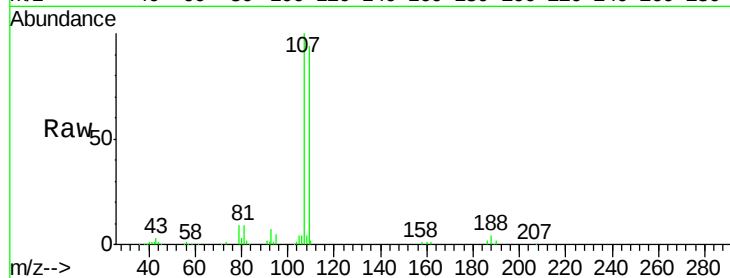
#61
 1,2-Dibromoethane
 Concen: 18.610 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.9	113.9

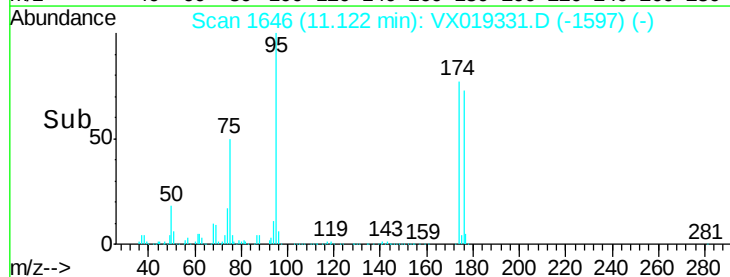
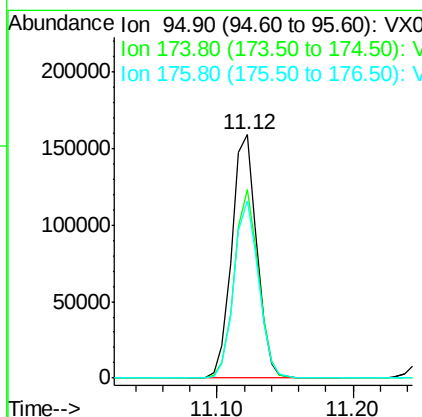
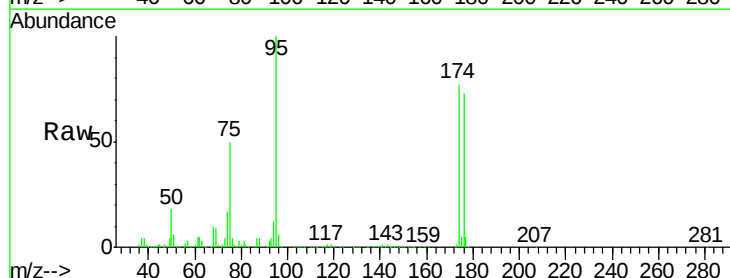
Manual Integrations
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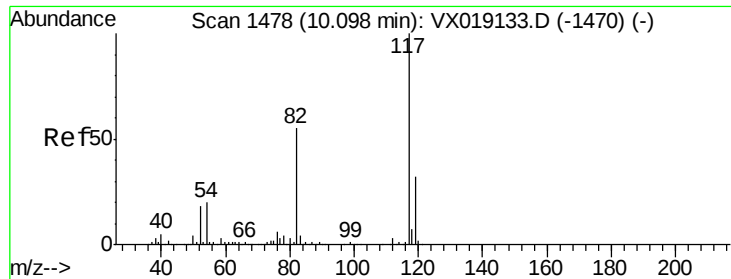
MMDadoda
 11/9/2020 9:37:16 AM



#62
 4-Bromofluorobenzene
 Concen: 49.489 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	156.0
176	71.7	0.0	149.8





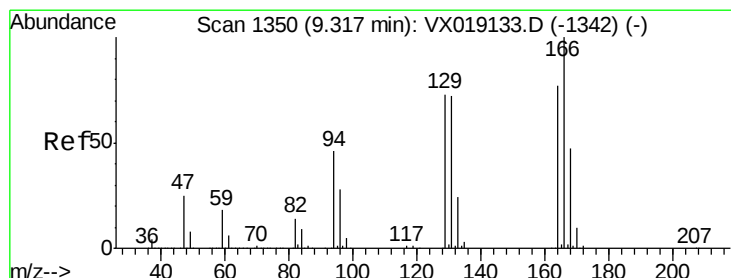
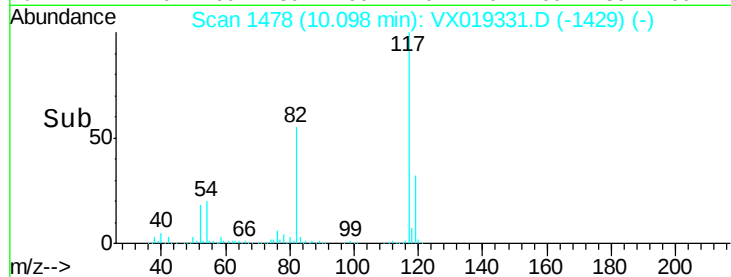
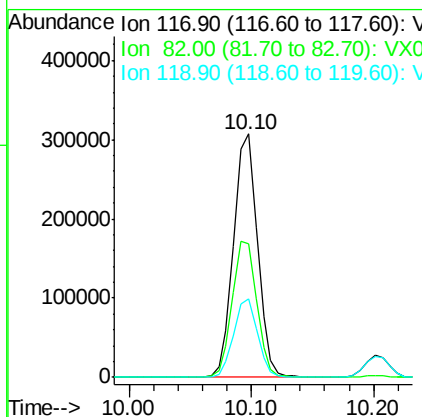
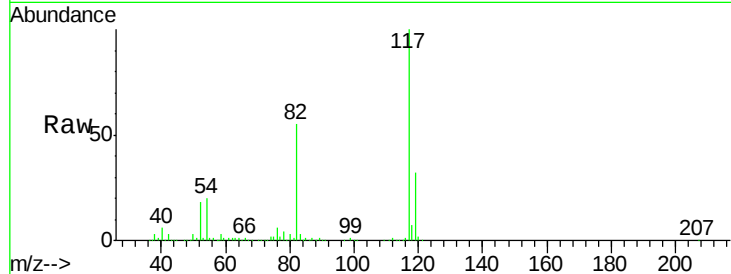
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	416351		
82	55.0	43.6	65.4	
119	32.3	25.5	38.3	

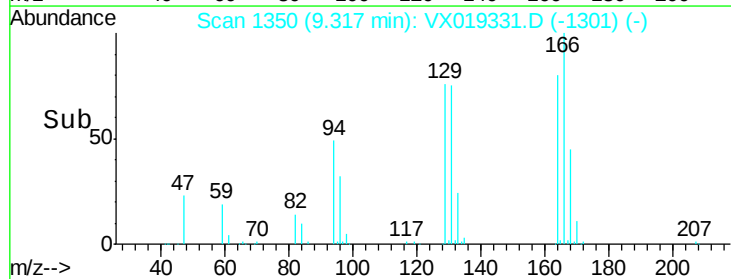
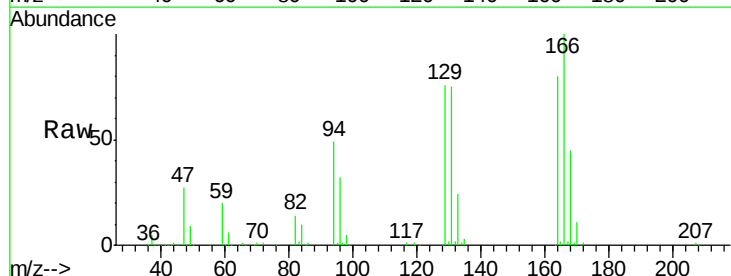
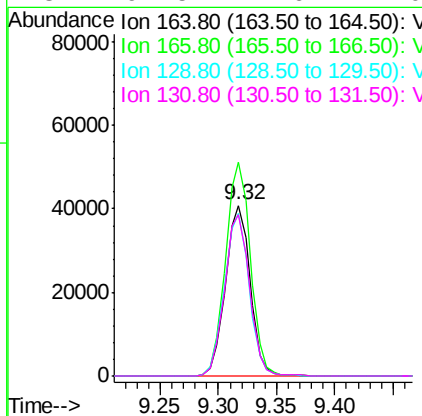
Manual Integrations
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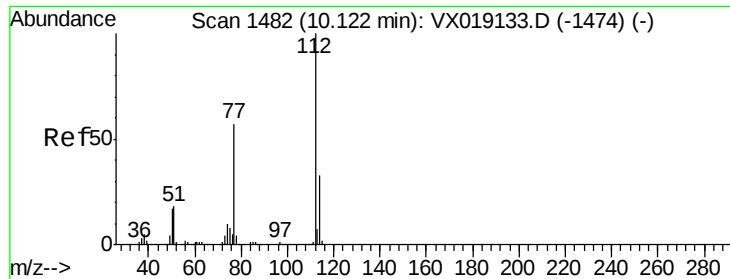
MMDadoda
11/9/2020 9:37:16 AM



#64
Tetrachloroethene
Concen: 18.924 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60029		
166	125.3	104.1	156.1	
129	95.6	76.2	114.4	
131	94.5	74.6	112.0	





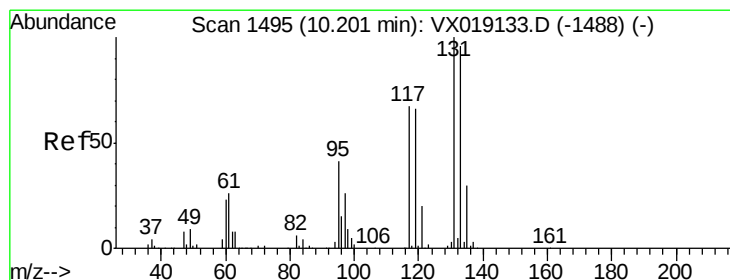
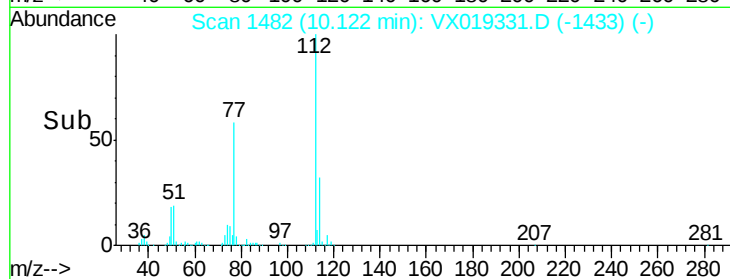
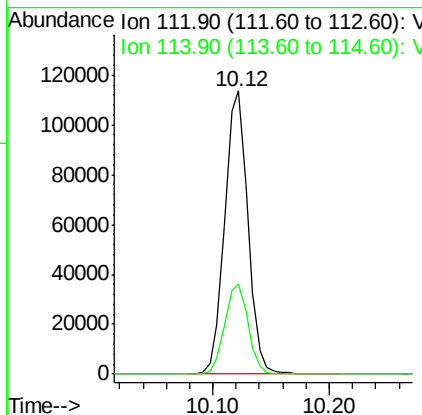
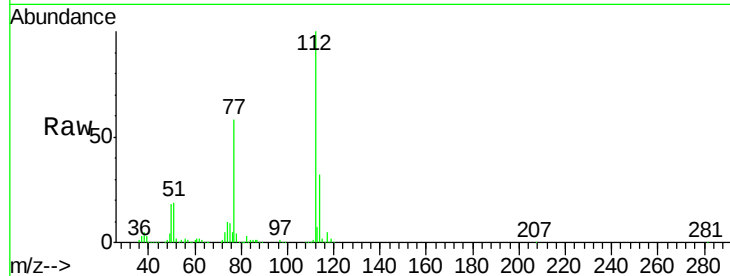
#65
Chlorobenzene
Concen: 18.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.1	39.1

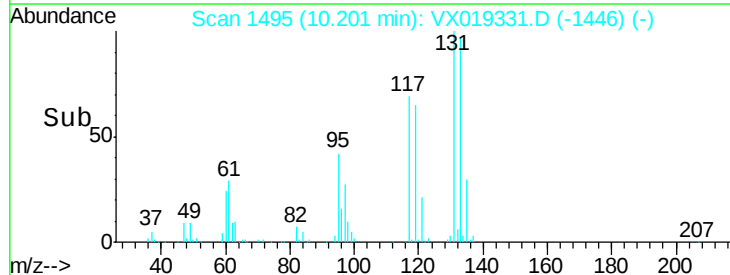
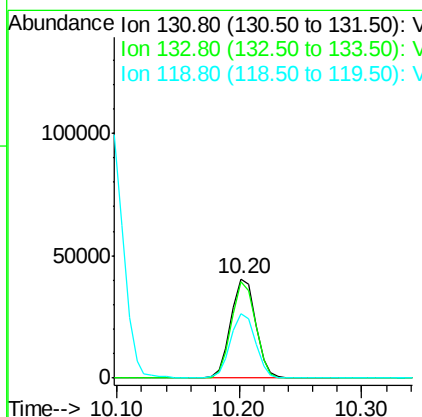
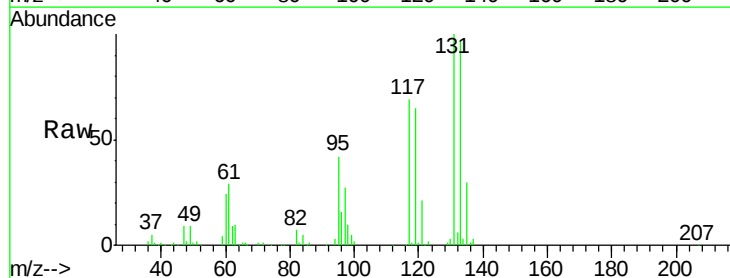
Manual Integrations
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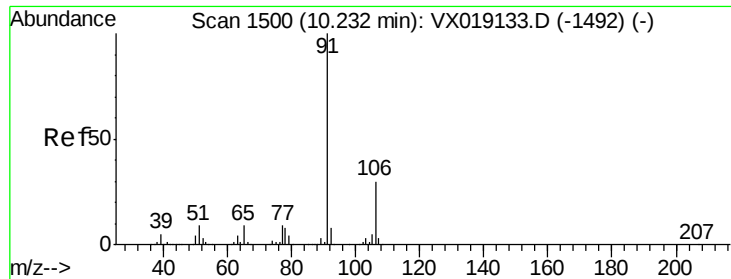
MMDadoda
11/9/2020 9:37:16 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.518 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	141.8
119	65.1	32.3	96.9





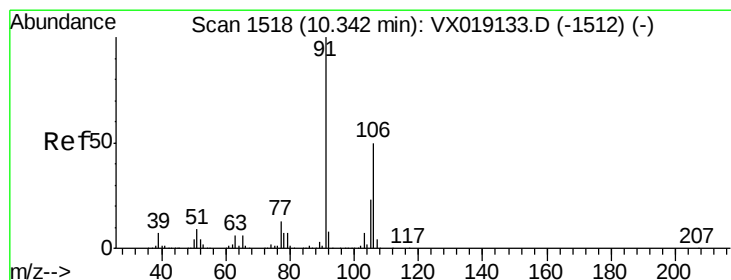
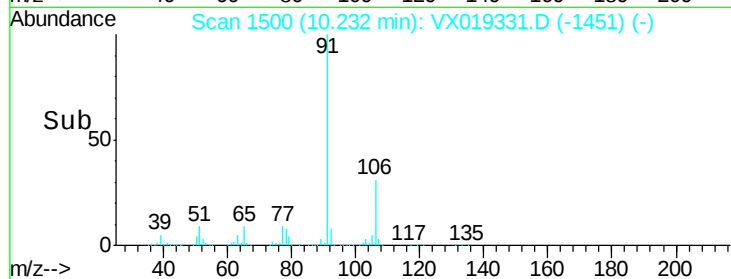
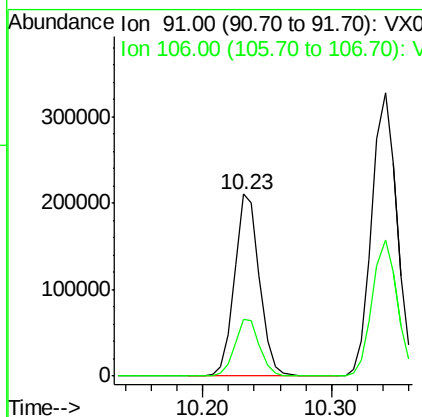
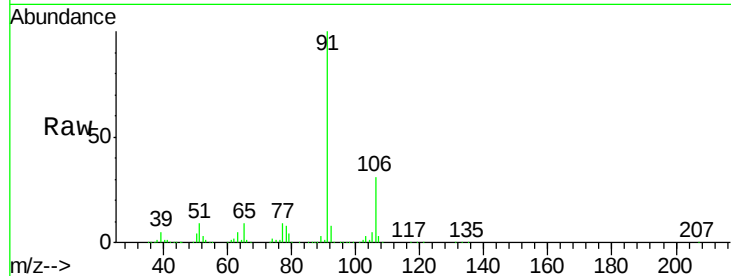
#67
Ethyl Benzene
Concen: 18.711 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5

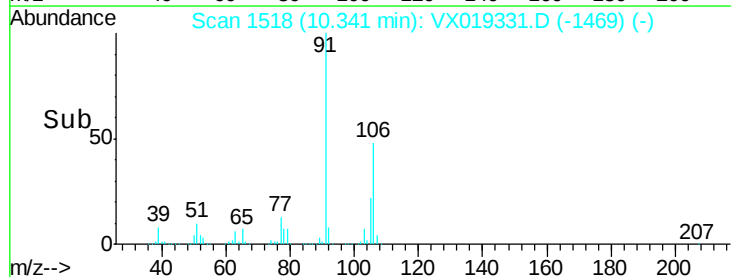
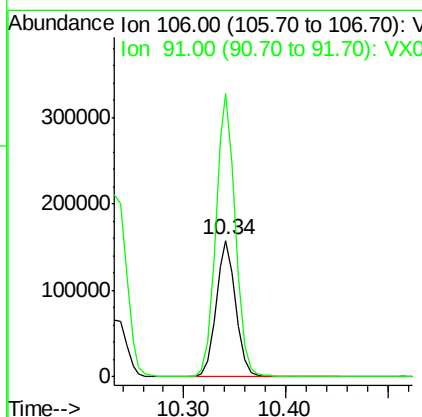
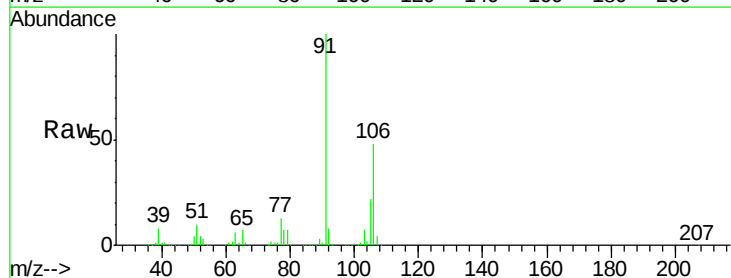
Manual Integrations
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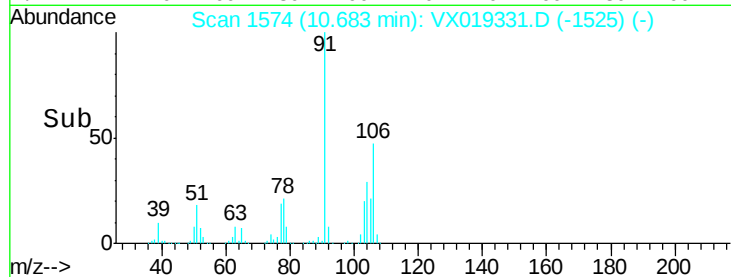
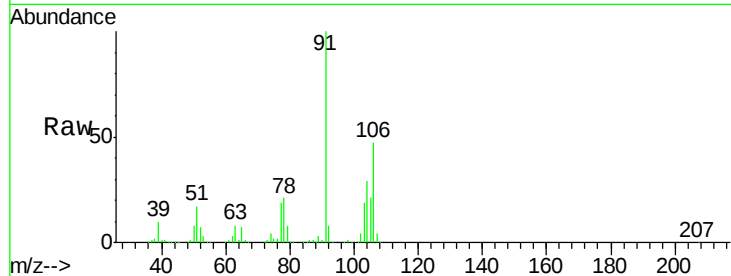
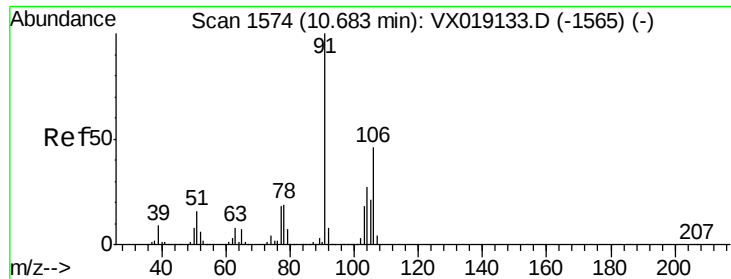
MMDadoda
11/9/2020 9:37:16 AM



#68
m/p-Xylenes
Concen: 37.231 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.9	161.0	241.4





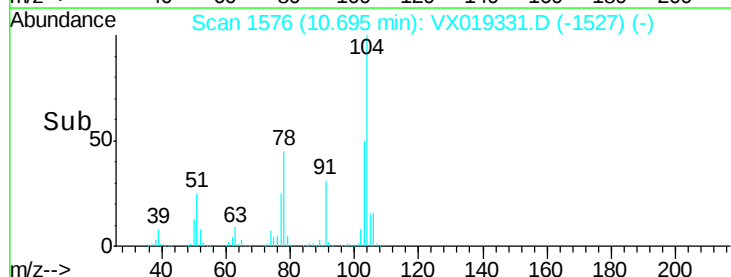
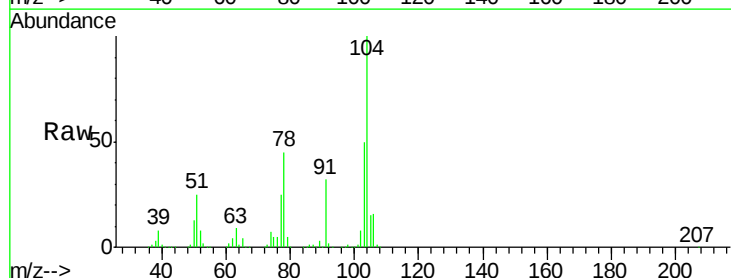
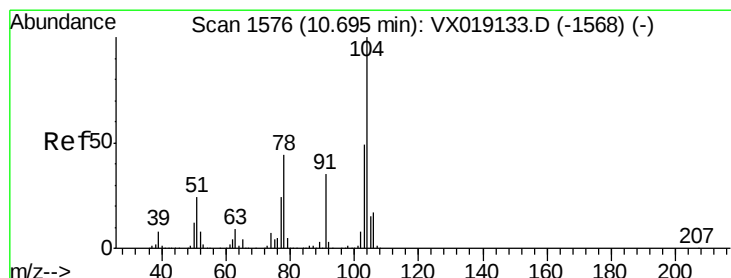
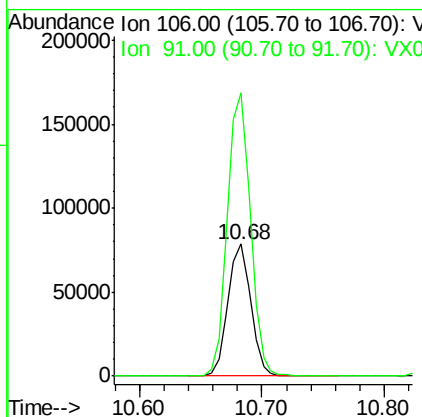
#69
o-Xylene
Concen: 18.790 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	101428		
91	91	216.7	108.3	324.8	

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

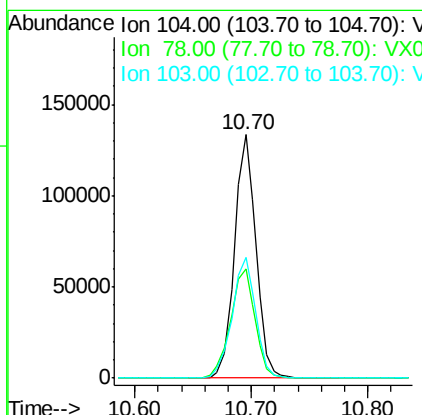
Manual Integrations
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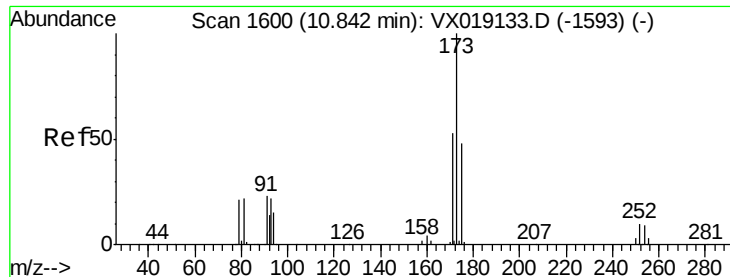
MMDadoda
11/9/2020 9:37:16 AM



#70
Styrene
Concen: 18.625 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	171548		
78	78	51.3	40.0	60.0	
103	103	54.6	43.5	65.3	





#71

Bromoform

Concen: 17.074 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion:173 Resp: 41472

Ion Ratio Lower Upper

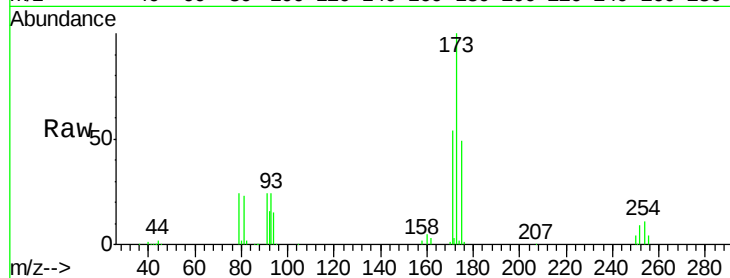
173 100

175 49.3 24.4 73.4

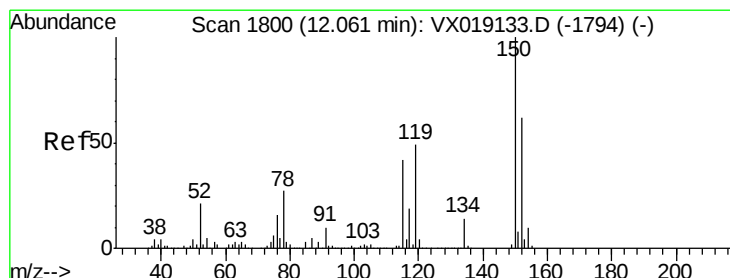
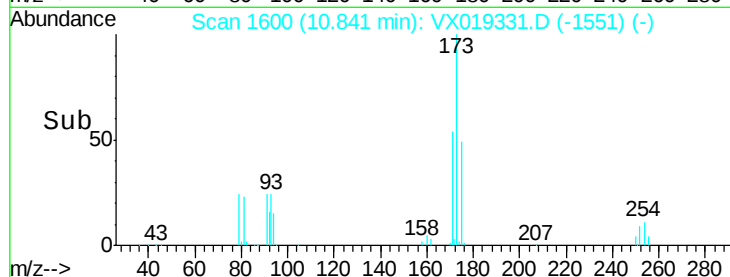
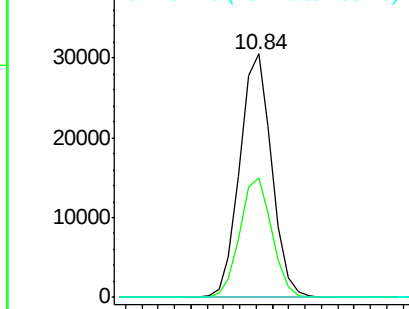
254 0.0 0.1 0.1#

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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: VX019331.D

Acq: 06 Nov 2020 11:07

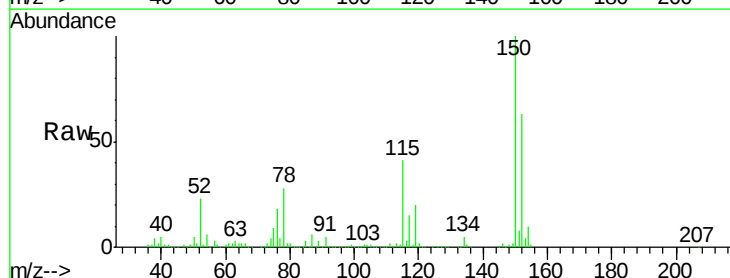
Tgt Ion:152 Resp: 209969

Ion Ratio Lower Upper

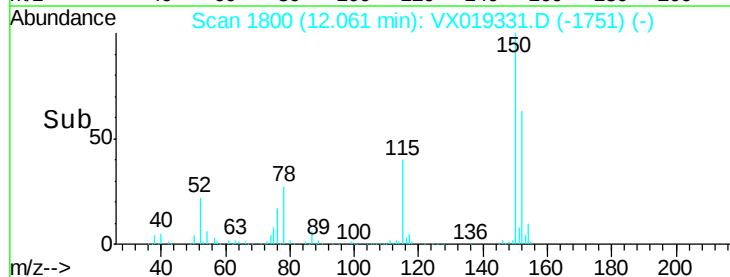
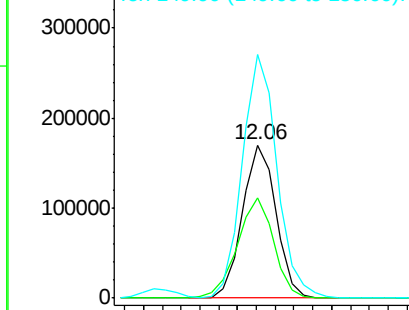
152 100

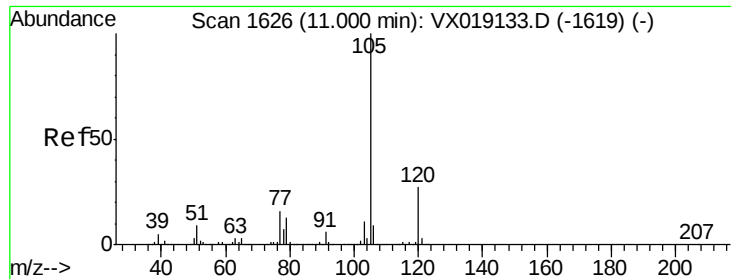
115 71.0 41.9 125.7

150 164.4 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





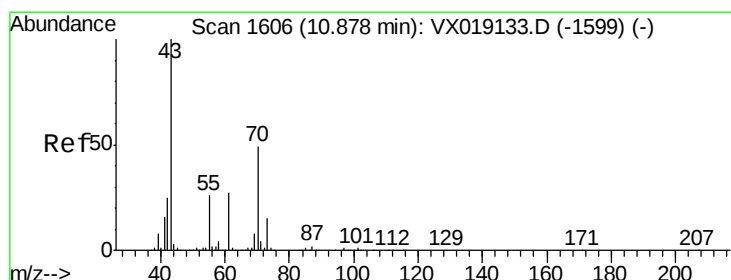
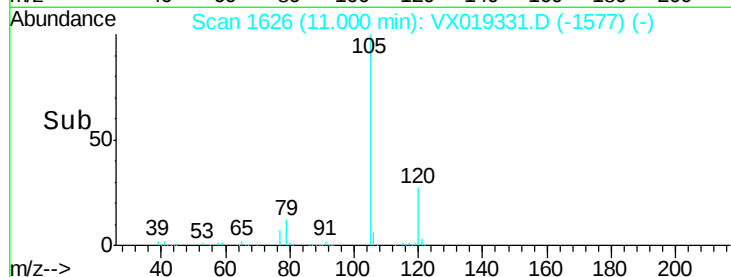
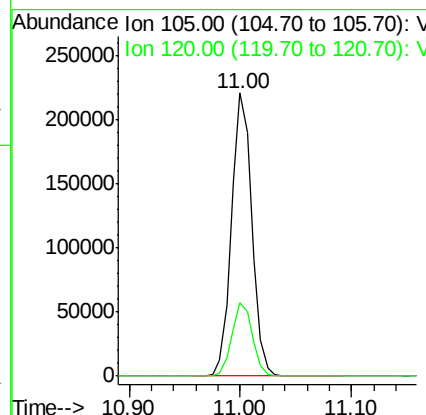
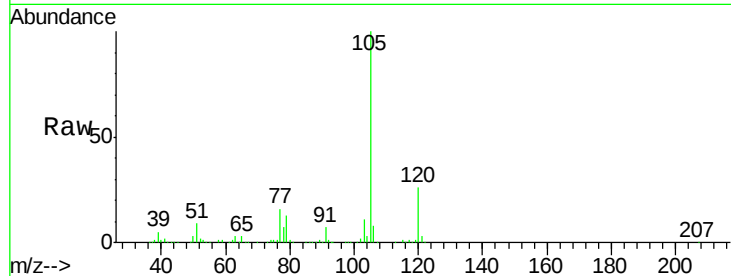
#73
Isopropylbenzene
Concen: 18.775 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.3	39.8

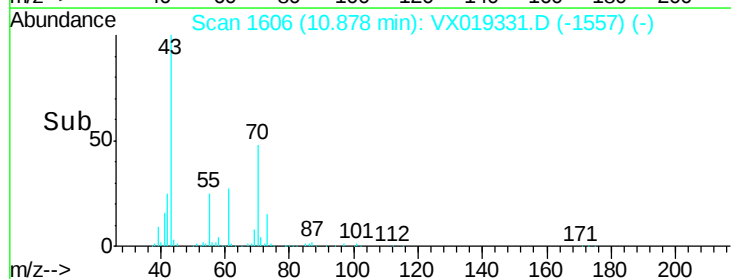
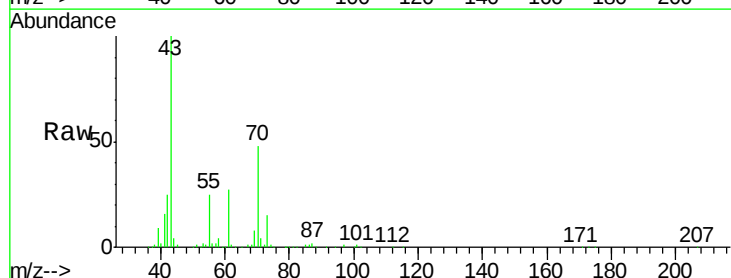
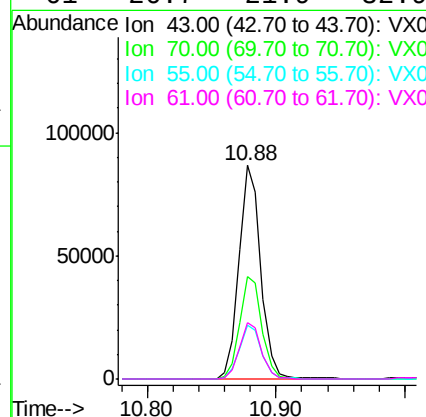
Manual Integrations
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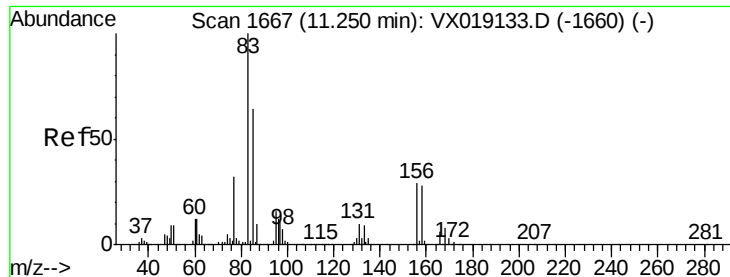
MMDadoda
11/9/2020 9:37:16 AM



#74
N-ethyl acetate
Concen: 18.821 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.2	39.6	59.4
55	26.0	20.7	31.1
61	26.7	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.155 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

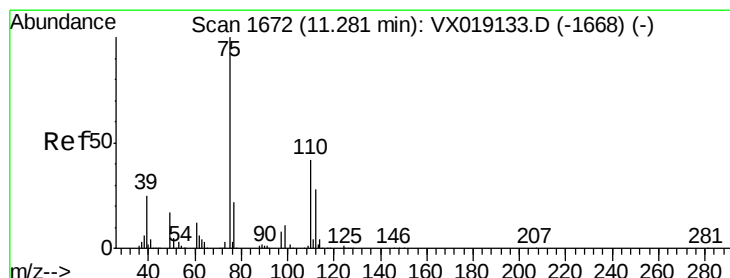
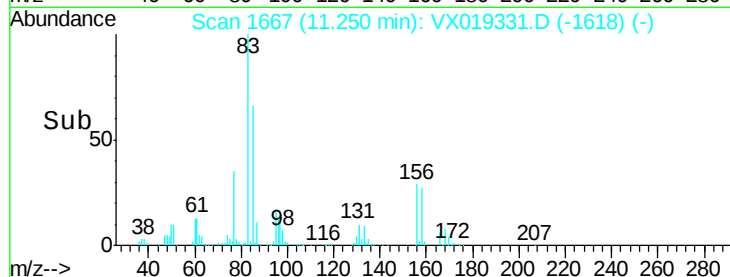
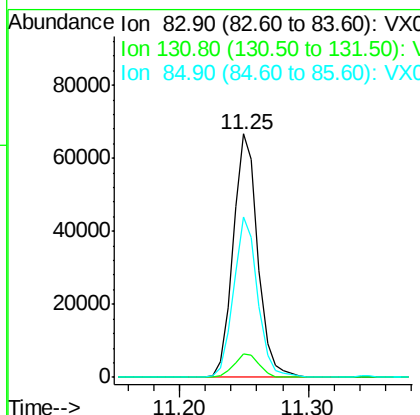
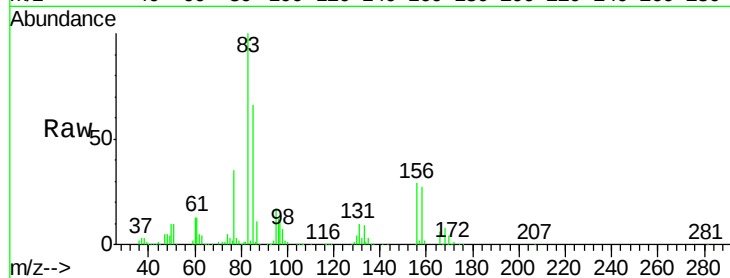
ClientSampleId :

VX1107WBS01

Tot Ion:	83	Resp:	88974
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	64.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.436 ug/l m

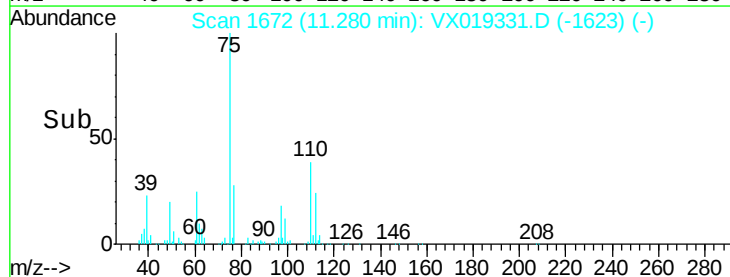
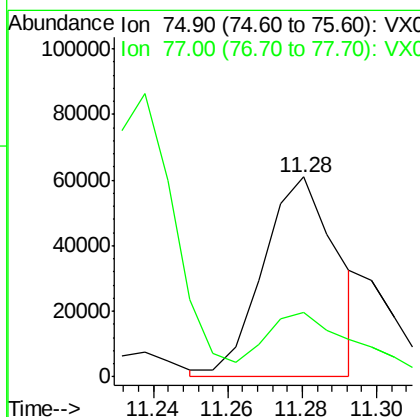
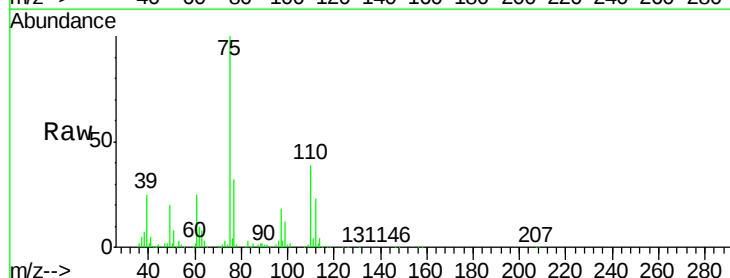
RT: 11.28 min Scan# 1672

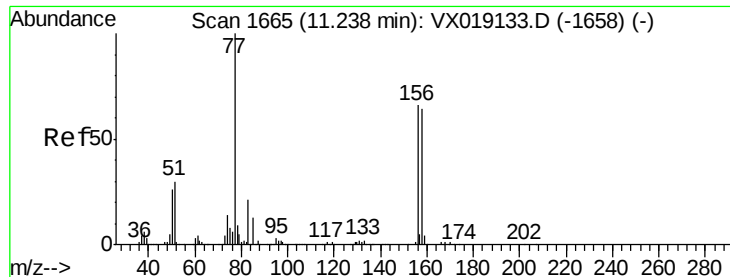
Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion:	75	Resp:	84261
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.3	60.9





#77

Bromobenzene

Concen: 17.937 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

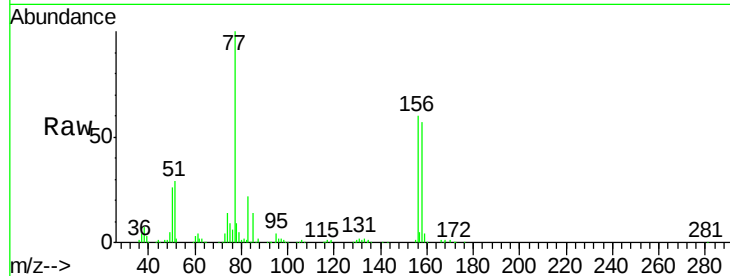
ClientSampleId :

VX1107WBS01

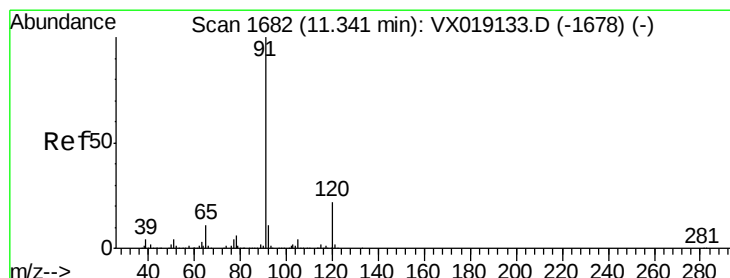
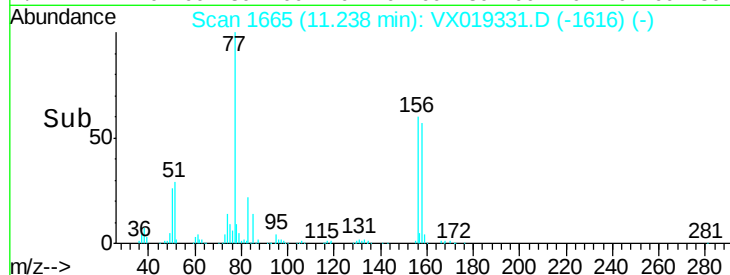
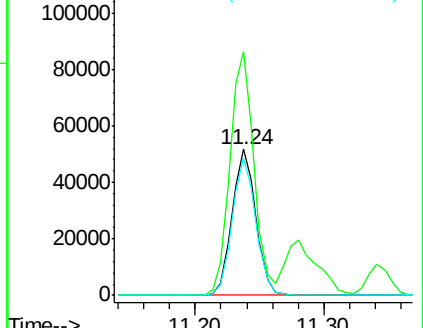
Tot Ion:	156	Resp:	66166
Ion	Ratio	Lower	Upper
156	100		
77	170.5	77.7	233.1
158	94.5	48.3	144.8

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.323 ug/l

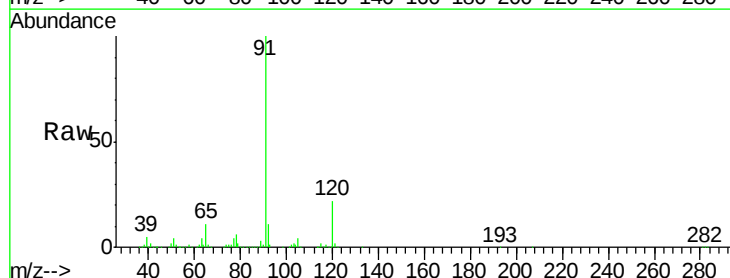
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

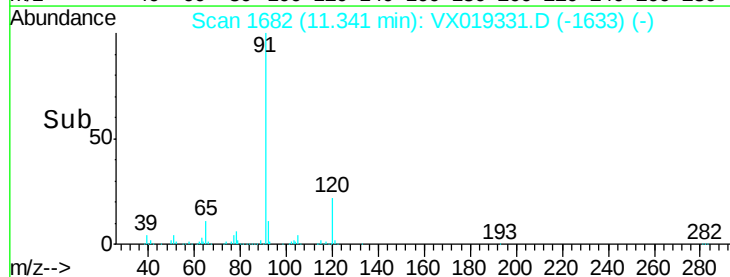
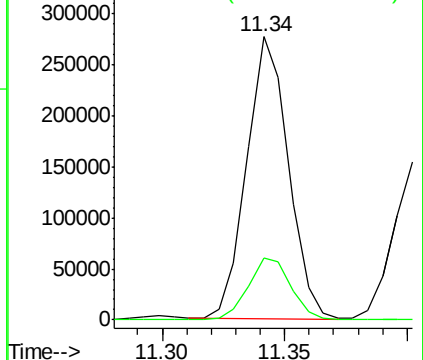
Lab File: VX019331.D

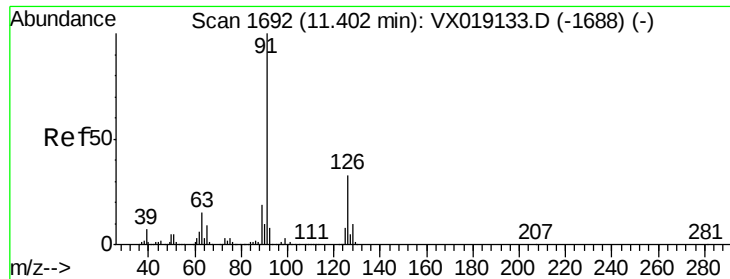
Acq: 06 Nov 2020 11:07

Tgt Ion:	91	Resp:	327837
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.369 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion: 91 Resp: 193473

Ion Ratio Lower Upper

91 100

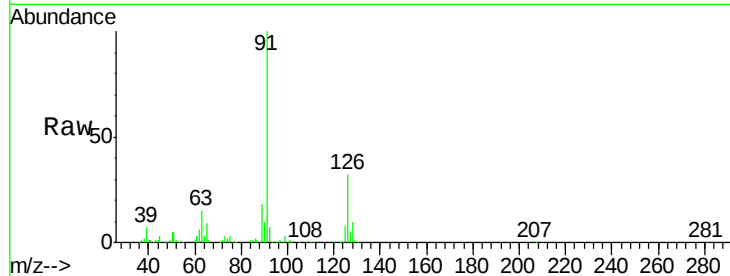
126 32.6 16.9 50.7

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) (-)

300000

250000

200000

150000

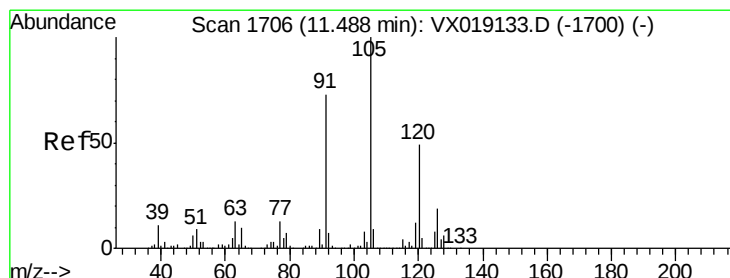
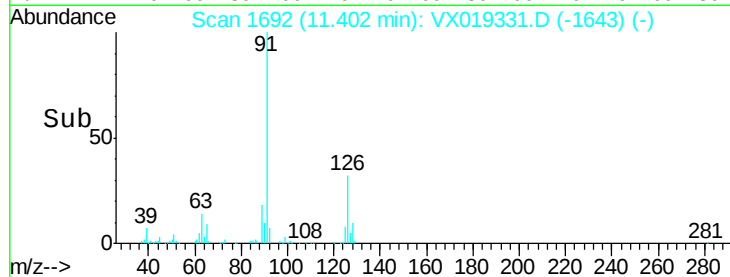
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.888 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019331.D

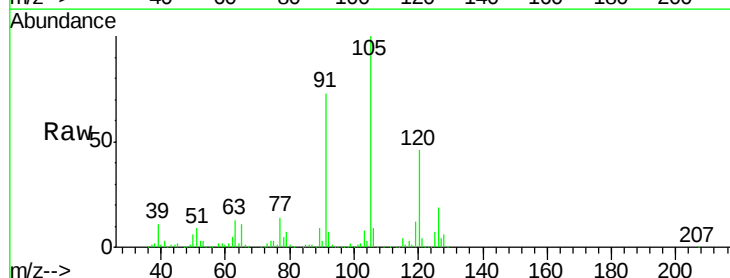
Acq: 06 Nov 2020 11:07

Tgt Ion: 105 Resp: 237155

Ion Ratio Lower Upper

105 100

120 47.9 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) (-)

200000

150000

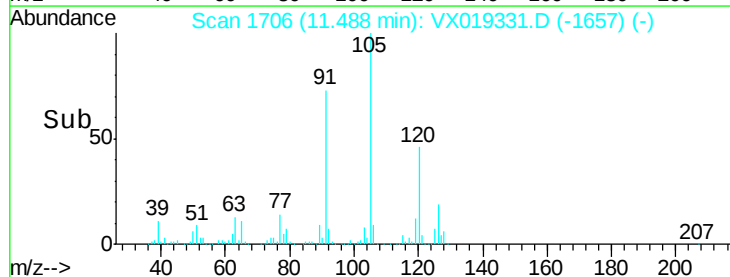
100000

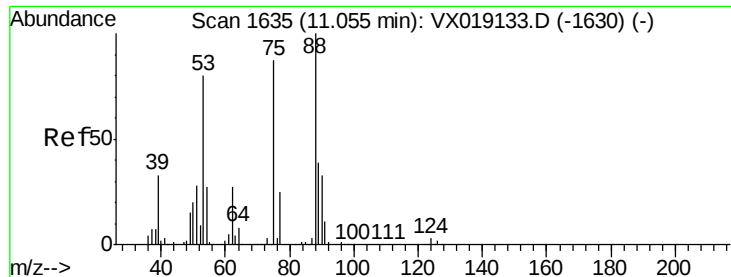
50000

0

11.40 11.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.863 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tot Ion: 75 Resp: 27766

Ion Ratio Lower Upper

75 100

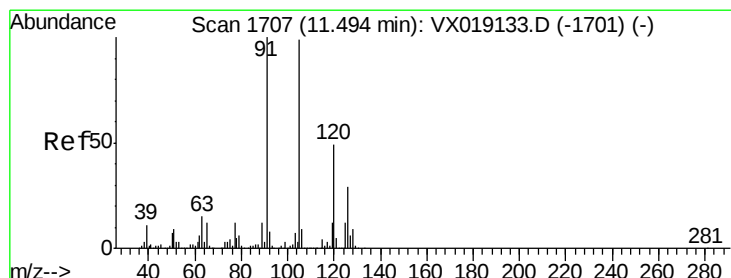
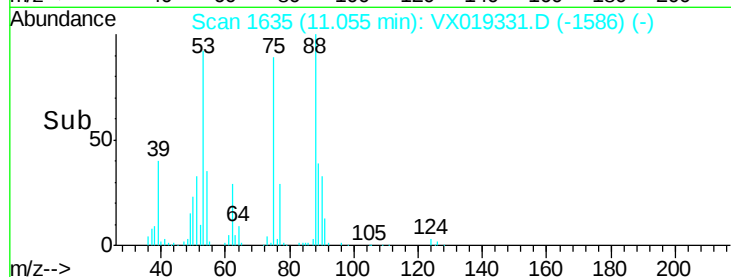
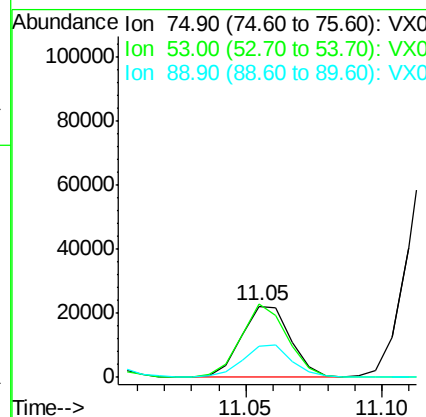
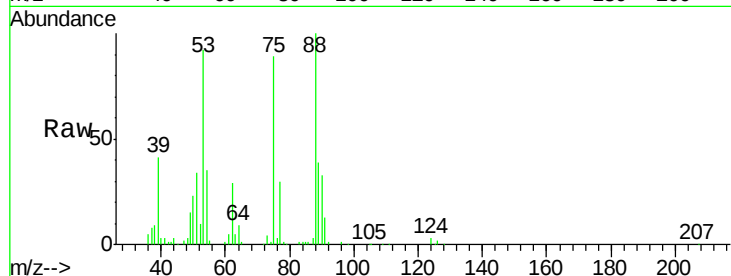
53 99.2 73.3 109.9

89 45.9 38.2 57.2

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#82

4-Chlorotoluene

Concen: 18.760 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019331.D

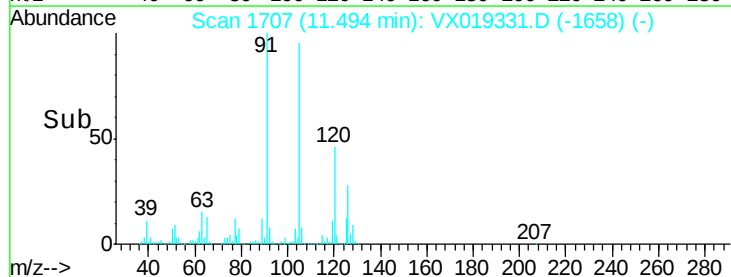
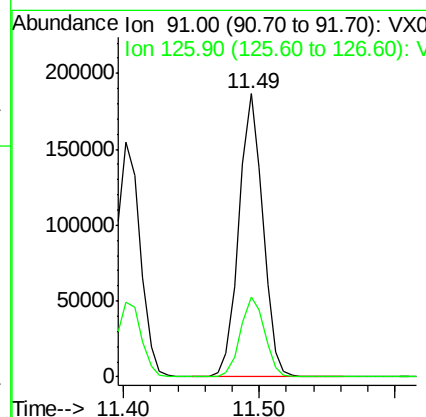
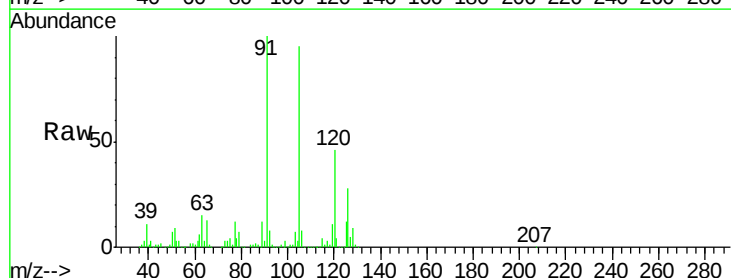
Acq: 06 Nov 2020 11:07

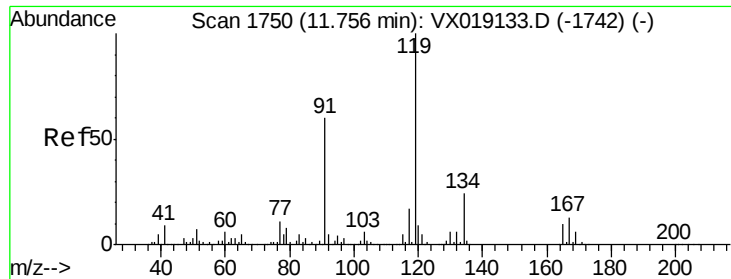
Tgt Ion: 91 Resp: 228832

Ion Ratio Lower Upper

91 100

126 28.3 14.8 44.4





#83

tert-Butylbenzene

Concen: 18.653 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

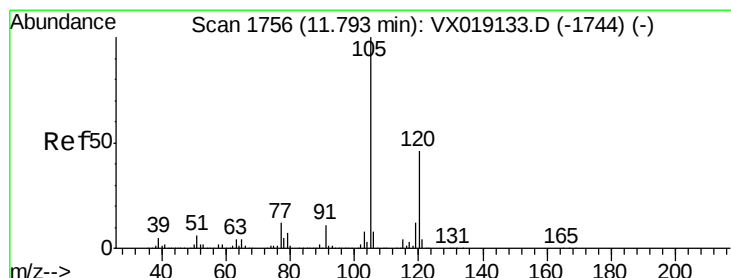
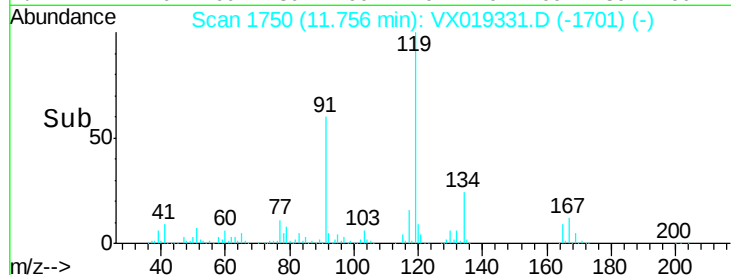
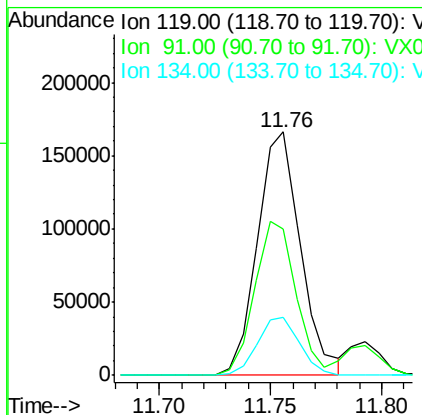
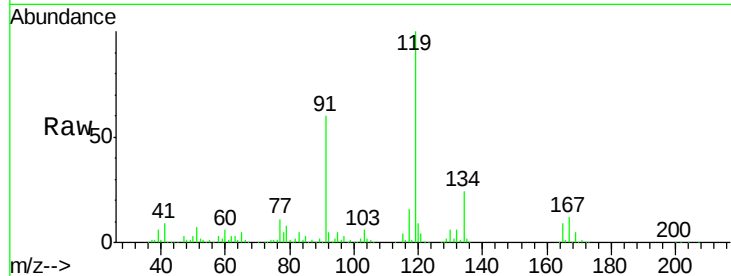
ClientSampleId :

VX1107WBS01

Tot Ion:	119	Resp:	224246
Ion Ratio	Lower	Upper	
119	100		
91	60.7	29.0	87.1
134	23.3	11.7	35.0

Manual Integrations
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11/9/2020 9:37:16 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.012 ug/l

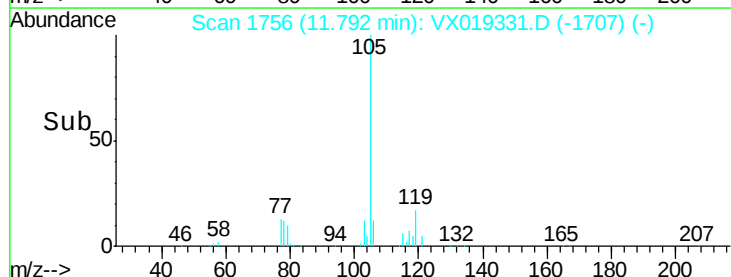
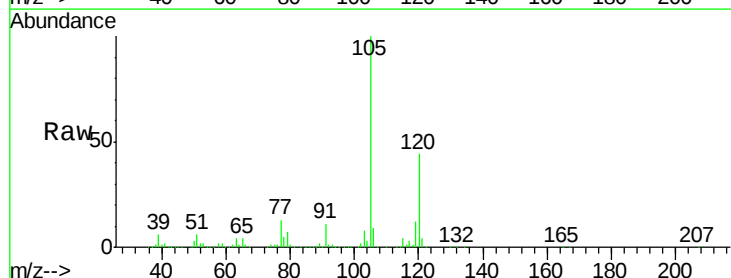
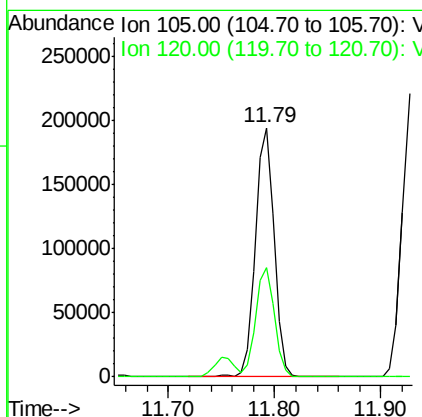
RT: 11.79 min Scan# 1756

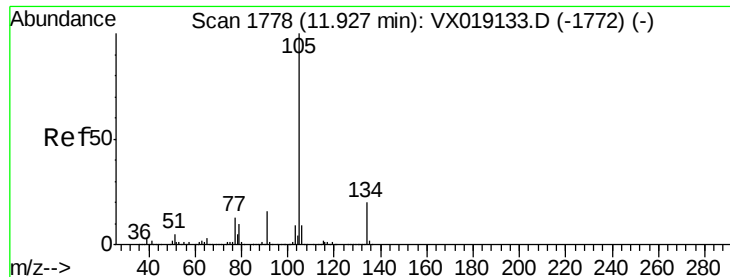
Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion:	105	Resp:	240989
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.4	67.3





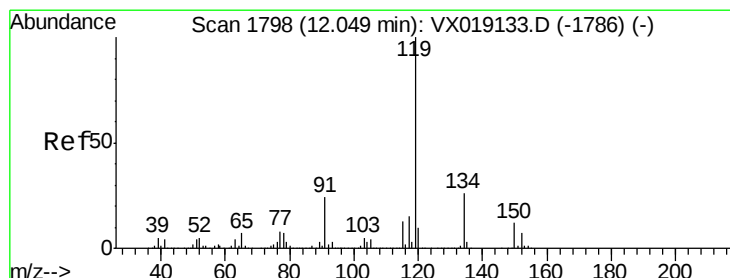
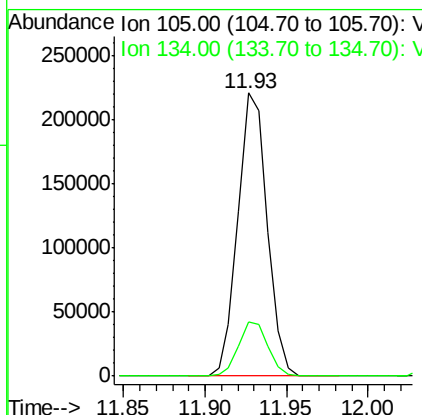
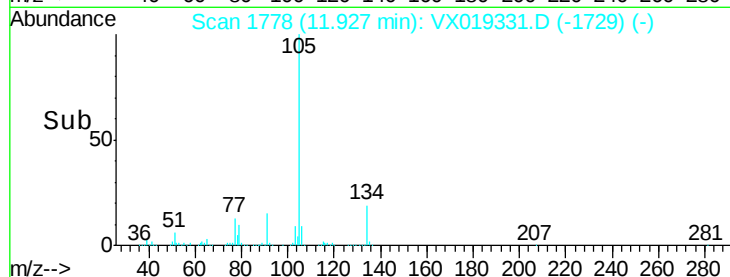
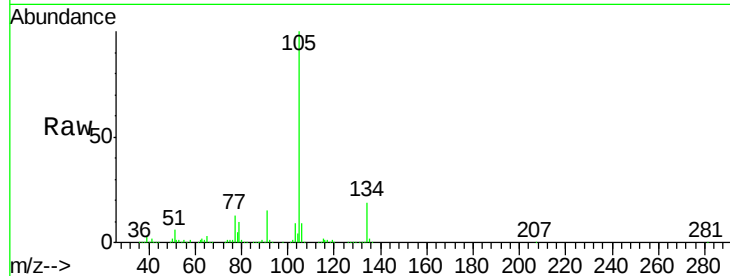
#85
 sec-Butylbenzene
 Concen: 19.220 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.1	30.1

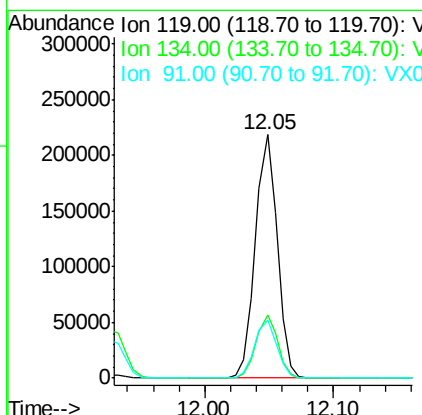
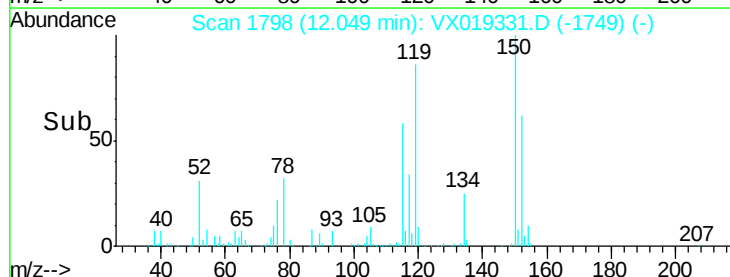
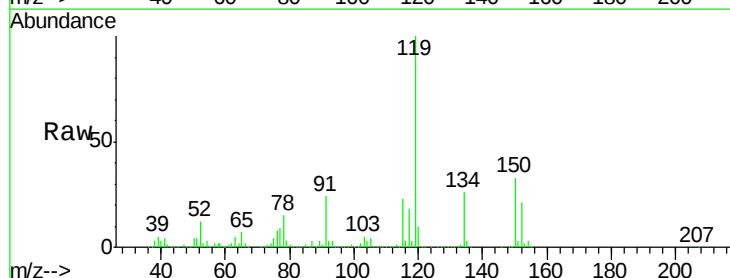
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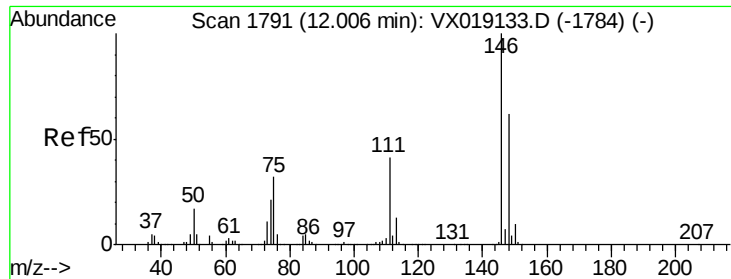
MMDadoda
 11/9/2020 9:37:16 AM



#86
 p-Isopropyltoluene
 Concen: 19.156 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.7
91	24.2	12.0	36.0





#87

1,3-Dichlorobenzene

Concen: 18.129 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Instrument :

MSVOA_X

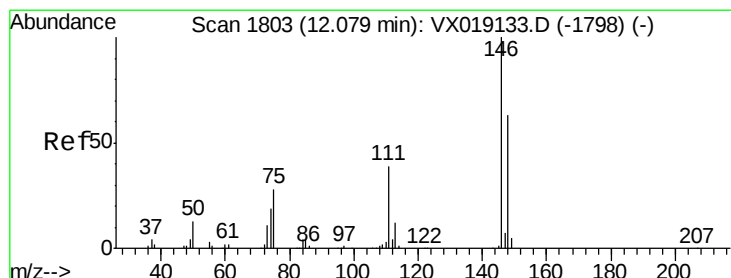
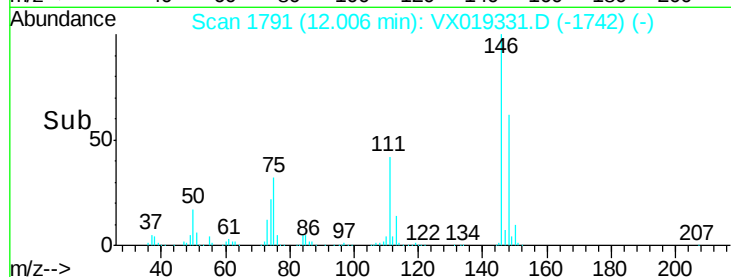
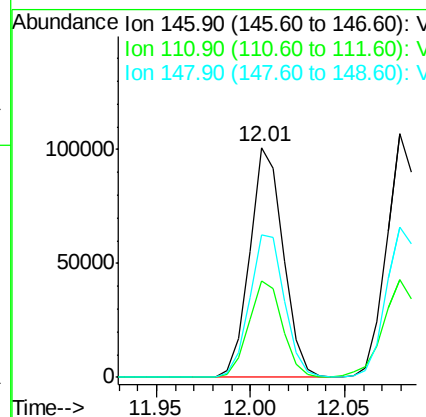
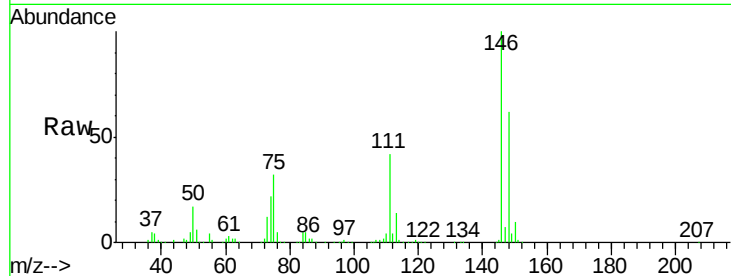
ClientSampled :

VX1107WBS01

Tot Ion:	146	Resp:	124534
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.4	61.2
148	64.4	31.6	94.8

Manual Integrations
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11/9/2020 9:37:16 AM



#88

1,4-Dichlorobenzene

Concen: 18.100 ug/l

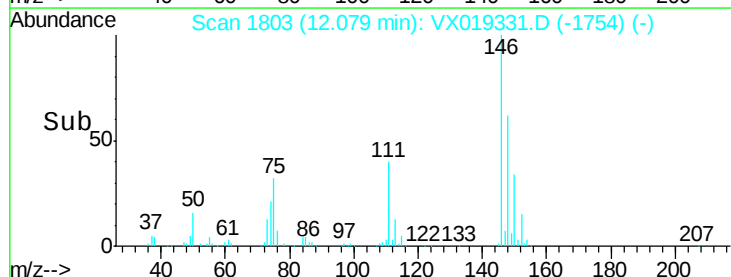
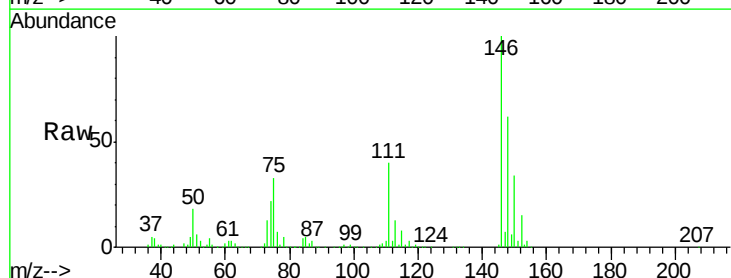
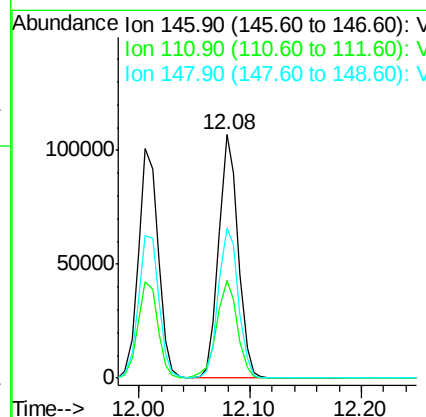
RT: 12.08 min Scan# 1803

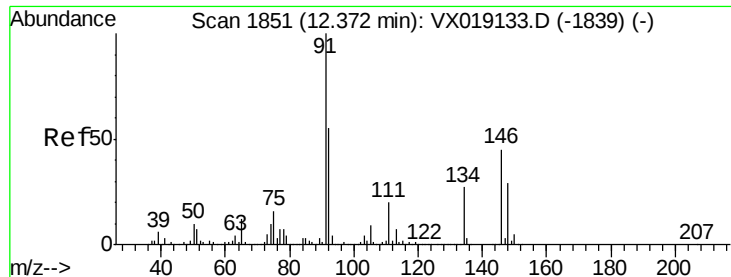
Delta R.T. -0.00 min

Lab File: VX019331.D

Acq: 06 Nov 2020 11:07

Tgt Ion:	146	Resp:	129425
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.2	60.5
148	63.7	31.3	93.8





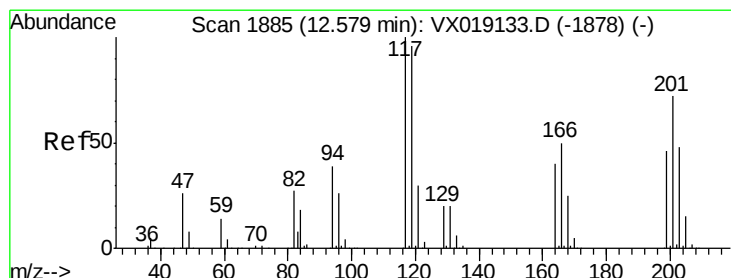
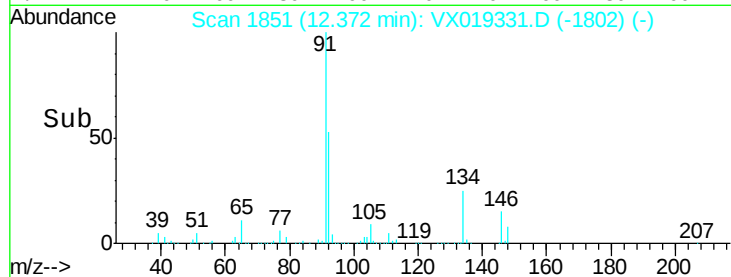
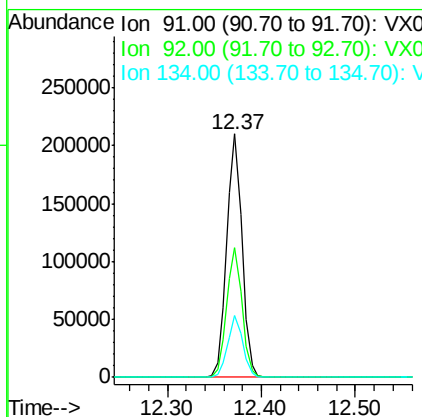
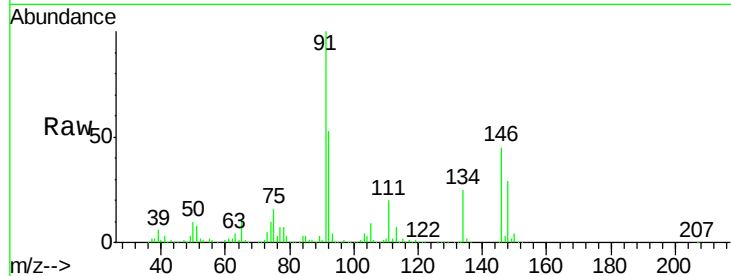
#89
n-Butylbenzene
Concen: 19.011 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	237823		
92	53.3		27.5	82.4
134	24.8		13.2	39.6

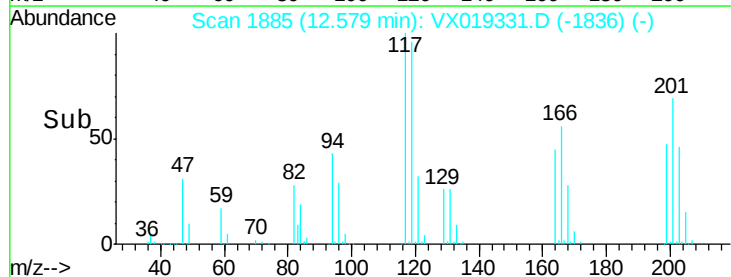
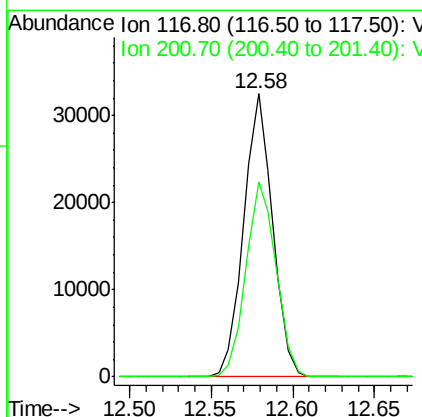
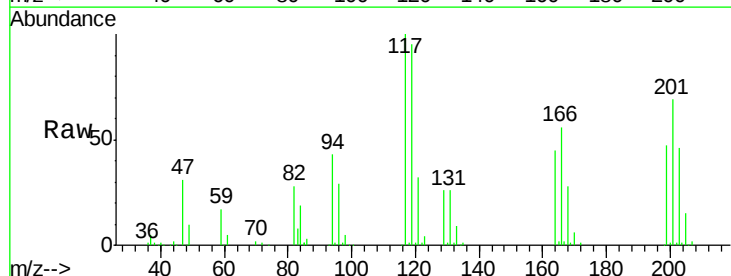
Manual Integrations
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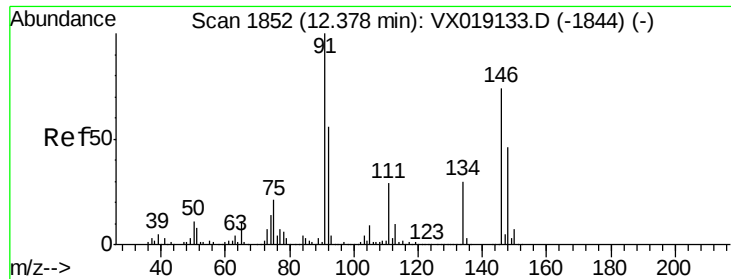
MMDadoda
11/9/2020 9:37:16 AM



#90
Hexachloroethane
Concen: 17.744 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40140		
201	72.0		38.5	115.3





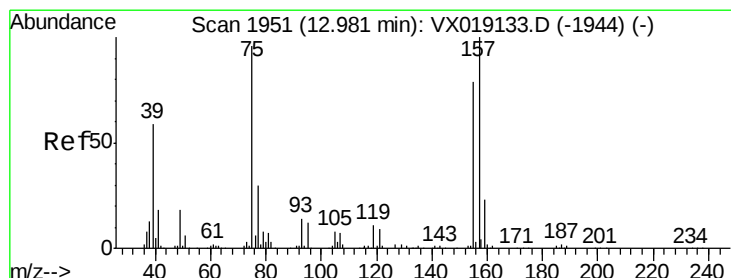
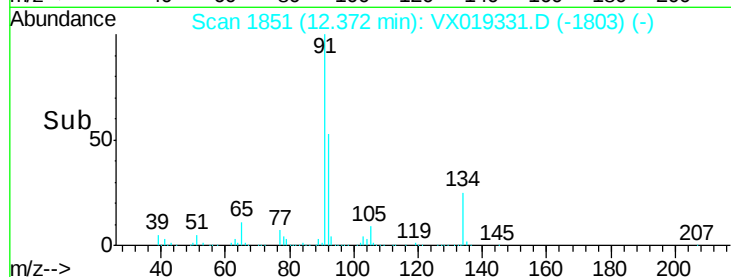
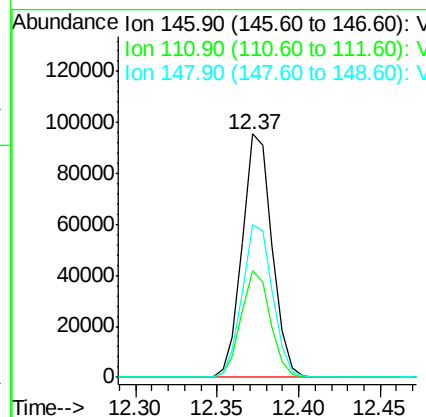
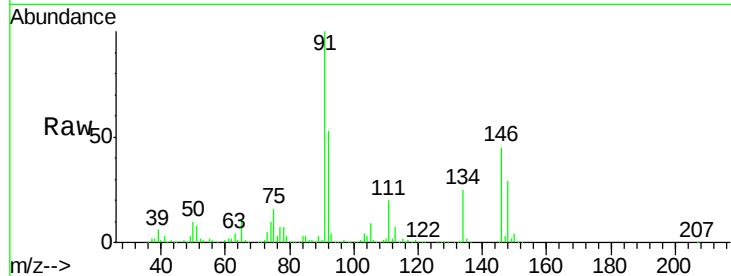
#91
 1,2-Dichlorobenzene
 Concen: 18.535 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122258		
111	42.9	21.2	63.6	
148	63.8	31.6	94.7	

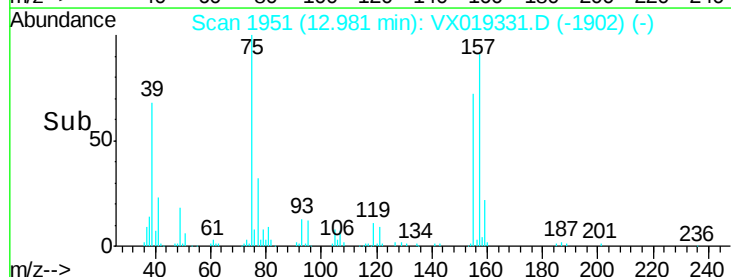
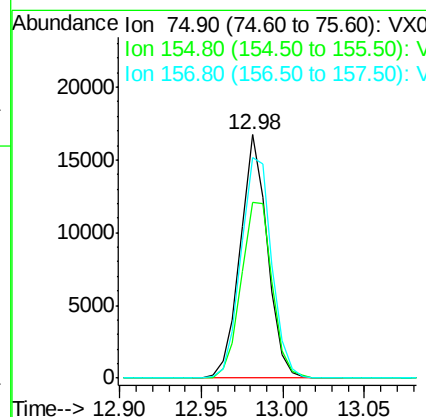
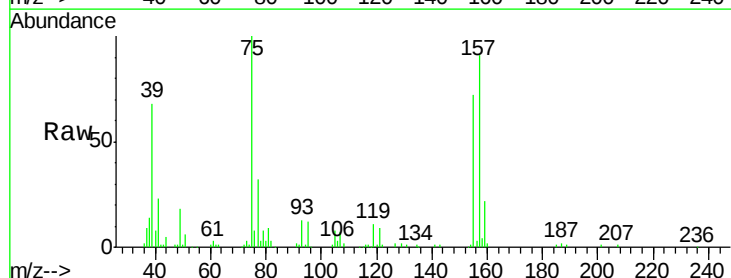
Manual Integrations
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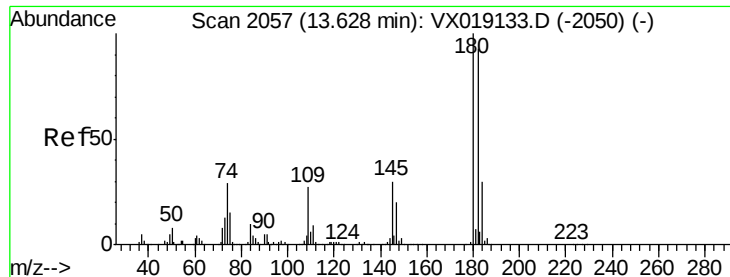
MMDadoda
 11/9/2020 9:37:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.076 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019331.D
 Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19417		
155	82.2	42.8	128.4	
157	102.6	54.8	164.4	





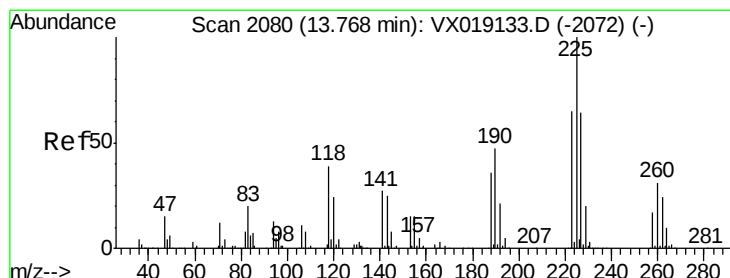
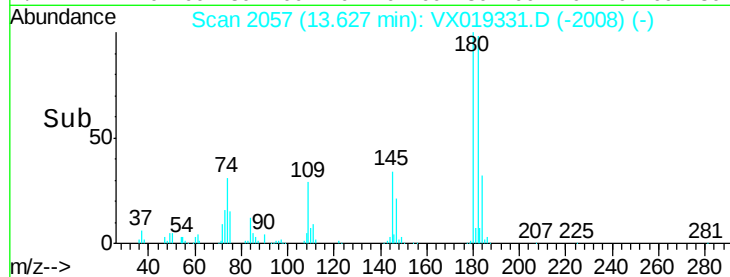
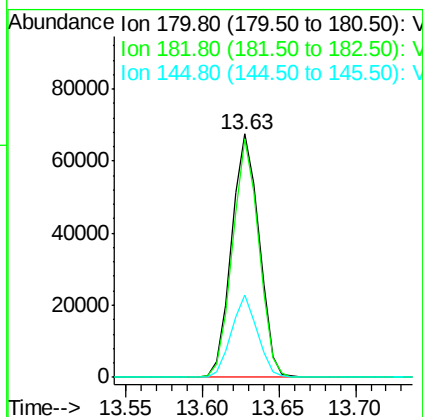
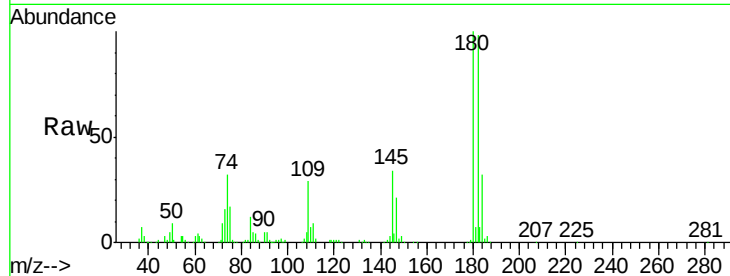
#93
1,2,4-Trichlorobenzene
Concen: 17.035 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.3
145	31.8	15.5	46.5

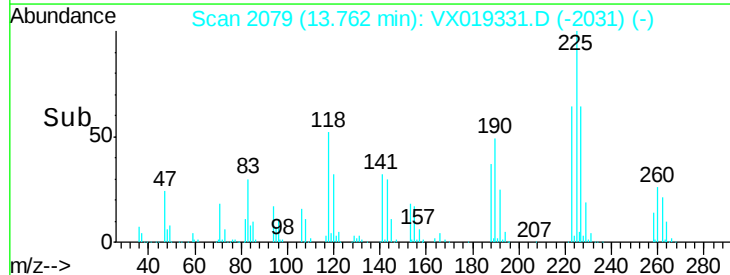
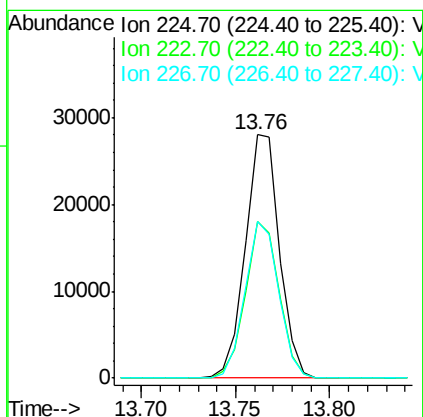
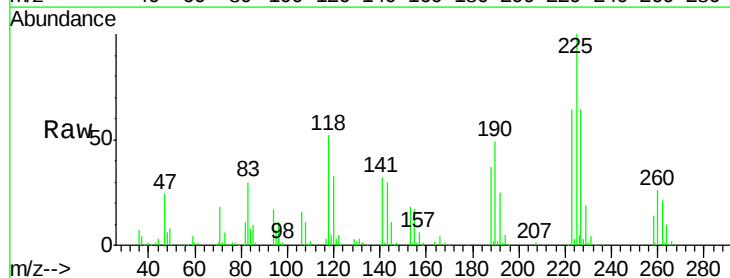
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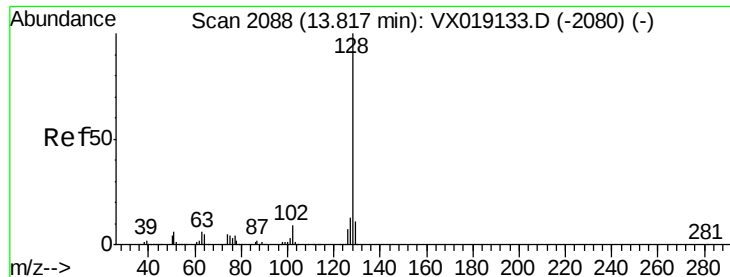
MMDadoda
11/9/2020 9:37:16 AM



#94
Hexachlorobutadiene
Concen: 16.104 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.4	97.2
227	63.5	31.6	94.7





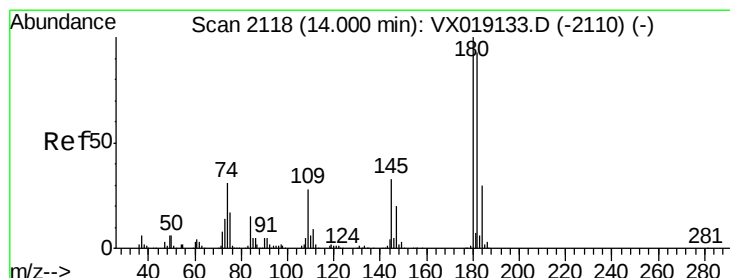
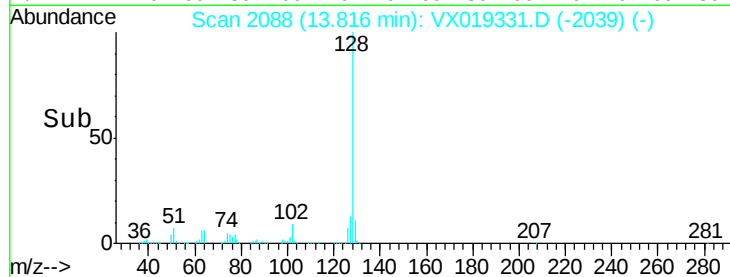
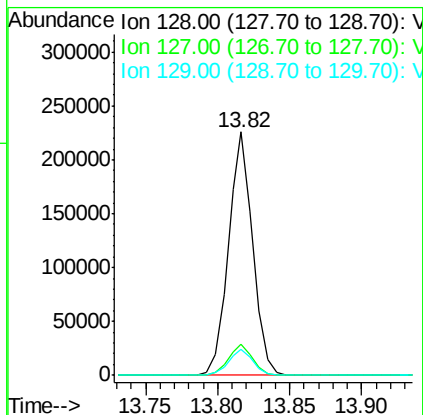
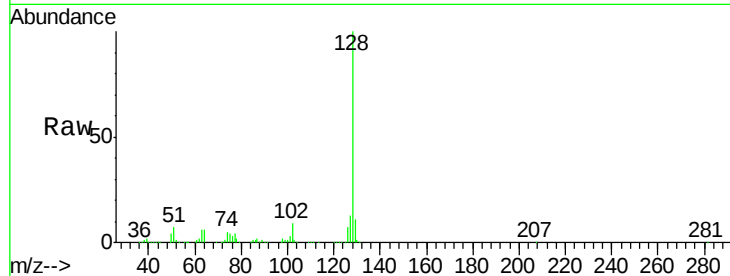
#95
Naphthalene
Concen: 17.029 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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11/9/2020 9:37:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 16.613 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019331.D
Acq: 06 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.8	143.3
145	34.1	16.5	49.5

