

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019359.D
 Acq On : 09 Nov 2020 11:51
 Operator : JC/MD
 Sample : VX1109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 8:57:34 AM

Quant Time: Nov 10 01:54:47 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	253592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	422732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	388176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167500	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	5.46	113	129528	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	8.70	98	492496	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.12	95	189420	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	40079	18.958	ug/l	100
3) Chloromethane	1.31	50	46146	19.538	ug/l	99
4) Vinyl Chloride	1.39	62	53943	19.694	ug/l	98
5) Bromomethane	1.63	94	39247	20.981	ug/l	100
6) Chloroethane	1.72	64	36443	20.838	ug/l	98
7) Trichlorofluoromethane	1.92	101	84200	19.567	ug/l	98
8) Diethyl Ether	2.17	74	34721	21.024	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47794	20.038	ug/l	99
10) Methyl Iodide	2.49	142	46818	20.887	ug/l	98
11) Tert butyl alcohol	3.01	59	65827	101.908	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46685	18.994	ug/l	96
13) Acrolein	2.27	56	22750	82.641	ug/l	100
14) Allyl chloride	2.70	41	77899	20.925	ug/l	98
15) Acrylonitrile	3.11	53	142245	104.795	ug/l	99
16) Acetone	2.42	43	121817	107.972	ug/l	98
17) Carbon Disulfide	2.55	76	122190	17.935	ug/l	99
18) Methyl Acetate	2.75	43	59520	21.695	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	176436	20.718	ug/l	99
20) Methylene Chloride	2.83	84	55681	19.658	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	53278	18.835	ug/l	96
22) Diisopropyl ether	3.82	45	162631	21.913	ug/l	92
23) Vinyl Acetate	3.78	43	702746	106.180	ug/l	98
24) 1,1-Dichloroethane	3.67	63	97427	21.025	ug/l	99
25) 2-Butanone	4.63	43	190071	106.896	ug/l	97
26) 2,2-Dichloropropane	4.55	77	88855	20.397	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61666	19.509	ug/l	96
28) Bromochloromethane	4.98	49	43086	20.453	ug/l	92
29) Tetrahydrofuran	5.08	42	119487	106.633	ug/l	97
30) Chloroform	5.17	83	101080	20.493	ug/l	100
31) Cyclohexane	5.54	56	82622	19.986	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	90692	20.281	ug/l	99
36) 1,1-Dichloropropene	5.76	75	76077	19.489	ug/l	99
37) Ethyl Acetate	4.79	43	73798	20.361	ug/l	99
38) Carbon Tetrachloride	5.75	117	77036	19.361	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88790	19.023	ug/l	98
40) Benzene	6.11	78	219191	19.804	ug/l	99
41) Methacrylonitrile	5.00	41	39334	20.152	ug/l	100
42) 1,2-Dichloroethane	6.16	62	82710	20.277	ug/l	99
43) Isopropyl Acetate	6.41	43	122678	20.215	ug/l	99
44) Trichloroethene	7.18	130	59532	18.781	ug/l	95
45) 1,2-Dichloropropane	7.49	63	56249	20.749	ug/l	99
46) Dibromomethane	7.63	93	38834	19.372	ug/l	96
47) Bromodichloromethane	7.87	83	78997	19.993	ug/l	99
48) Methyl methacrylate	7.74	41	60148	20.592	ug/l	97
49) 1,4-Dioxane	7.71	88	26956	414.969	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	371674	106.557	ug/l	99
52) Toluene	8.76	92	141333	19.827	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	86618	19.193	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	93954	19.798	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	56407	20.027	ug/l	99
56) Ethyl methacrylate	9.16	69	84797	19.932	ug/l	97
57) 1,3-Dichloropropane	9.35	76	96397	20.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	223812	94.068	ug/l	96
59) 2-Hexanone	9.47	43	286658	107.964	ug/l	97
60) Dibromochloromethane	9.56	129	58829	19.246	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58296	19.355	ug/l	100
64) Tetrachloroethene	9.32	164	56804	19.207	ug/l	99
65) Chlorobenzene	10.12	112	149243	18.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	53745	18.817	ug/l	99
67) Ethyl Benzene	10.23	91	270745	19.151	ug/l	99
68) m/p-Xylenes	10.34	106	201665	38.006	ug/l	97
69) o-Xylene	10.68	106	95933	19.062	ug/l	99
70) Styrene	10.70	104	162338	18.905	ug/l	99
71) Bromoform	10.84	173	40509	17.888	ug/l #	98
73) Isopropylbenzene	11.00	105	265363	19.087	ug/l	99
74) N-amyl acetate	10.88	43	99584	19.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	85802	19.748	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	82817m	20.422	ug/l	
77) Bromobenzene	11.24	156	61859	17.928	ug/l	91
78) n-propylbenzene	11.34	91	306753	19.329	ug/l	99
79) 2-Chlorotoluene	11.40	91	182124	19.492	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	224883	19.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26817	17.411	ug/l	94
82) 4-Chlorotoluene	11.49	91	216466	18.972	ug/l	98
83) tert-Butylbenzene	11.76	119	214075	19.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	227227	19.164	ug/l	99
85) sec-Butylbenzene	11.93	105	257422	19.086	ug/l	99
86) p-Isopropyltoluene	12.05	119	235749	18.937	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117463	18.280	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	117359	17.546	ug/l	95
89) n-Butylbenzene	12.37	91	218293	18.655	ug/l	99
90) Hexachloroethane	12.58	117	39044	18.452	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	113995	18.476	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19279	18.126	ug/l	93

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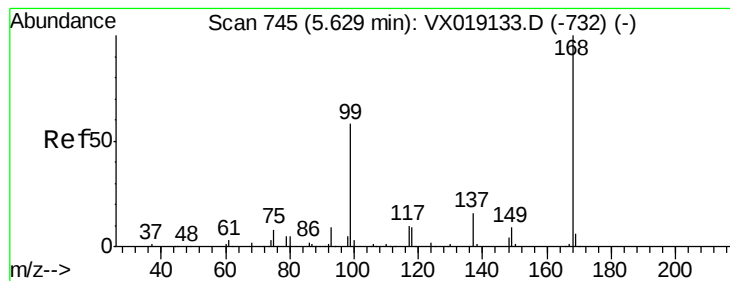
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76740	16.558	ug/l	97
94) Hexachlorobutadiene	13.76	225	33574	16.457	ug/l	98
95) Naphthalene	13.82	128	249761	17.111	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	77155	17.161	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:168 Resp: 253592

Ion Ratio Lower Upper

168 100

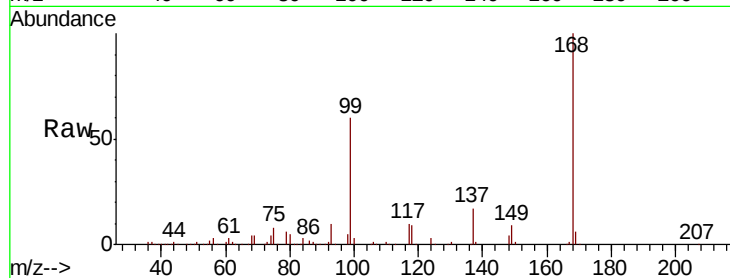
99 59.8 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

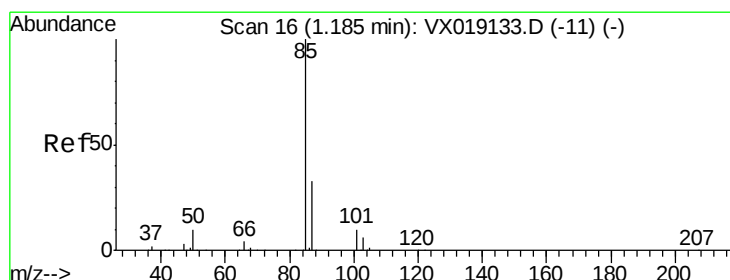
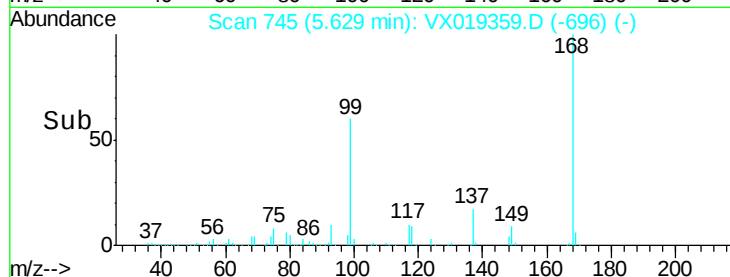
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.958 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019359.D

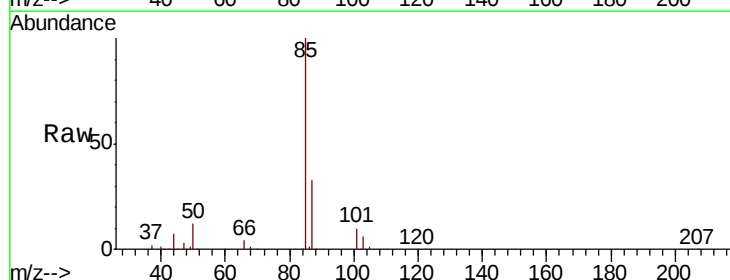
Acq: 09 Nov 2020 11:51

Tgt Ion: 85 Resp: 40079

Ion Ratio Lower Upper

85 100

87 33.2 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

30000

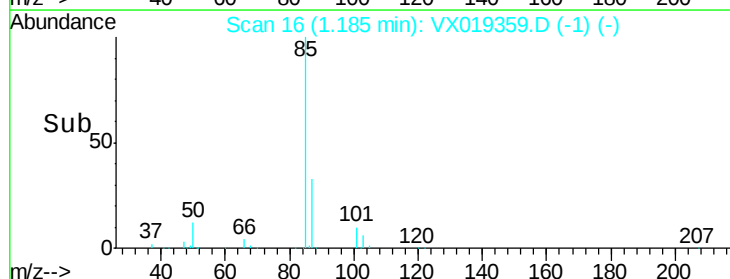
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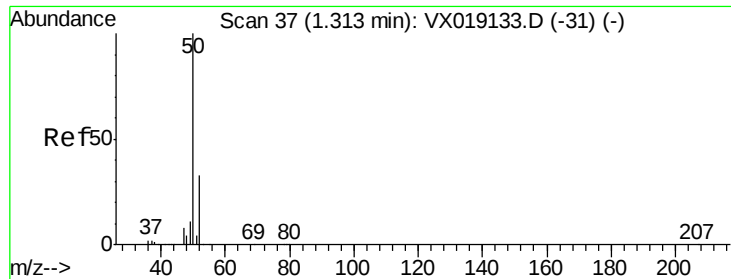
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.538 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 50 Resp: 46146

Ion Ratio Lower Upper

50 100

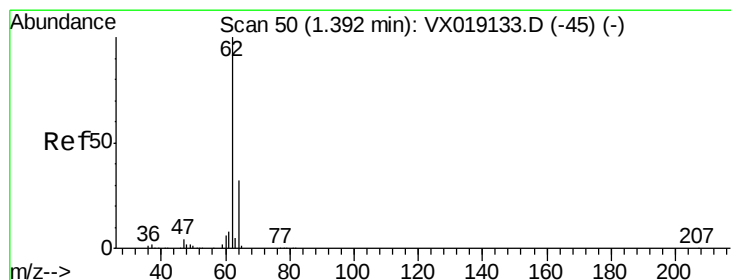
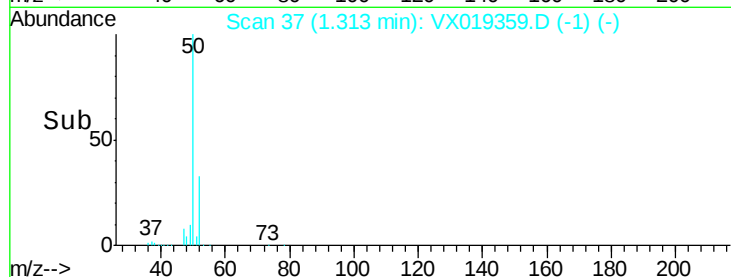
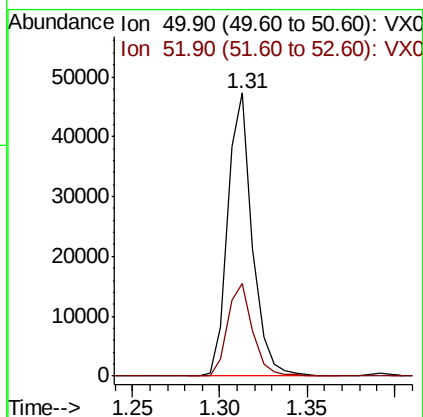
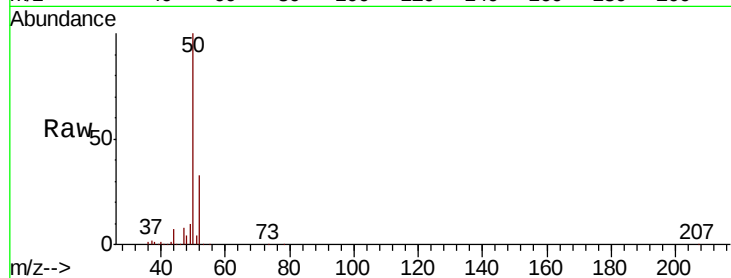
52 32.8 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.694 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019359.D

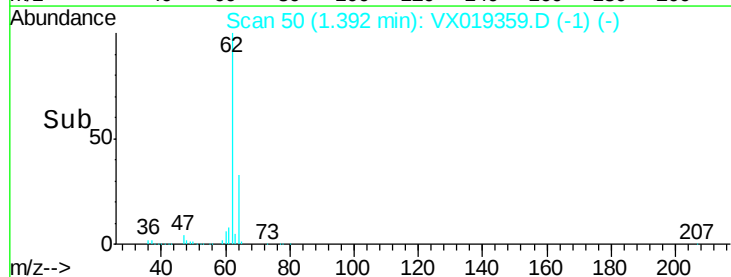
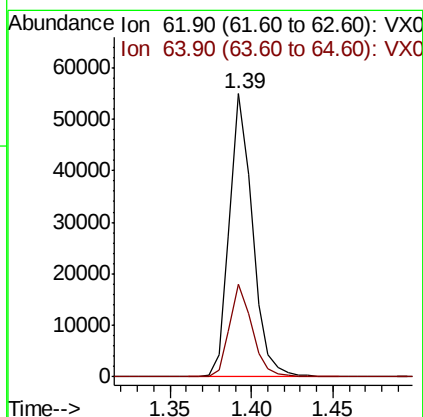
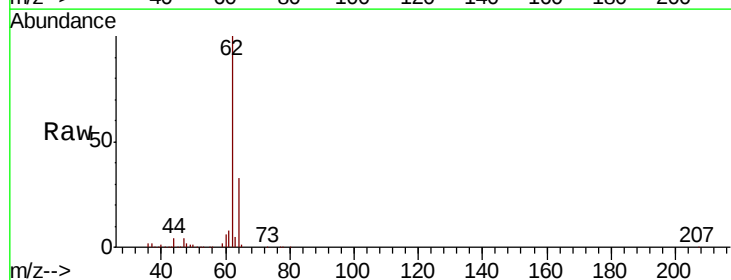
Acq: 09 Nov 2020 11:51

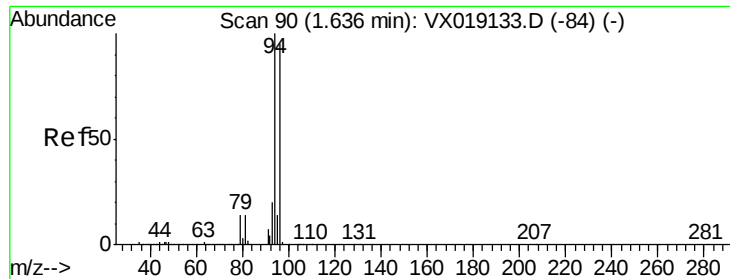
Tgt Ion: 62 Resp: 53943

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 20.981 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

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ClientSampleId :

VX1109WBS01

Tot Ion: 94 Resp: 39247

Ion Ratio Lower Upper

94 100

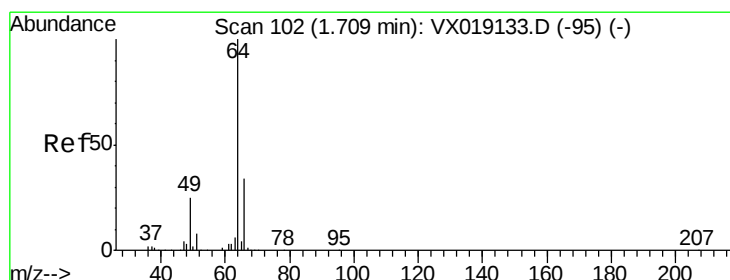
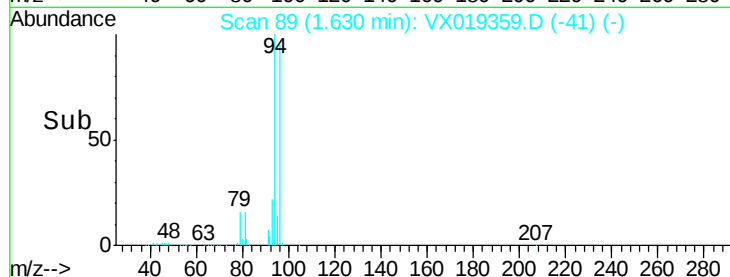
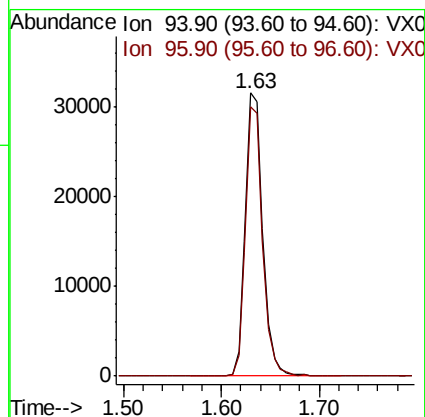
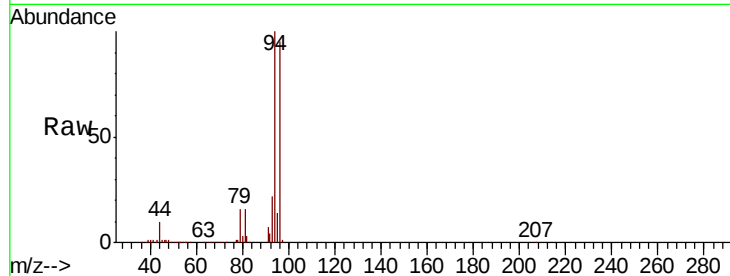
96 95.3 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.838 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019359.D

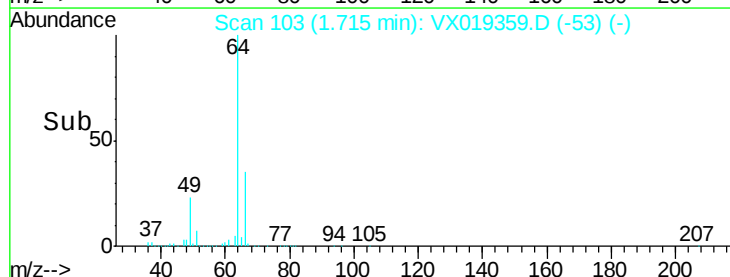
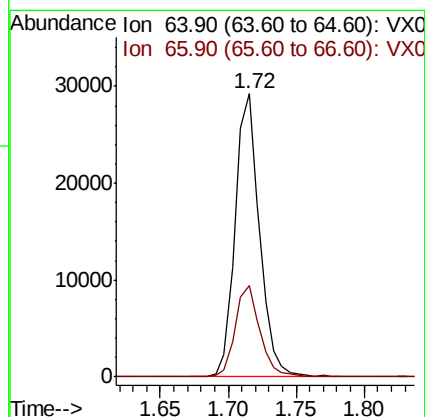
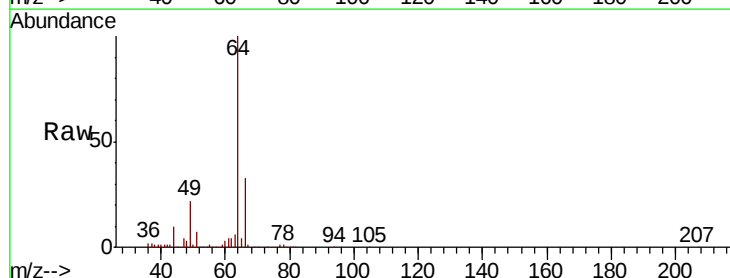
Acq: 09 Nov 2020 11:51

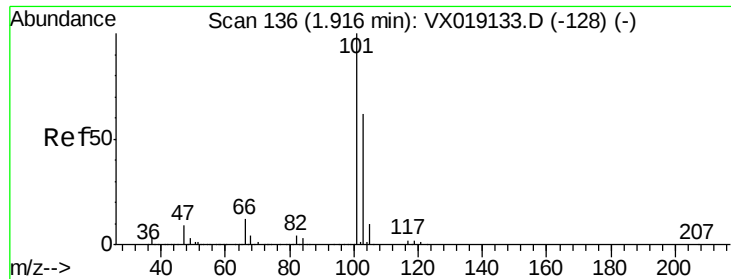
Tgt Ion: 64 Resp: 36443

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7





#7

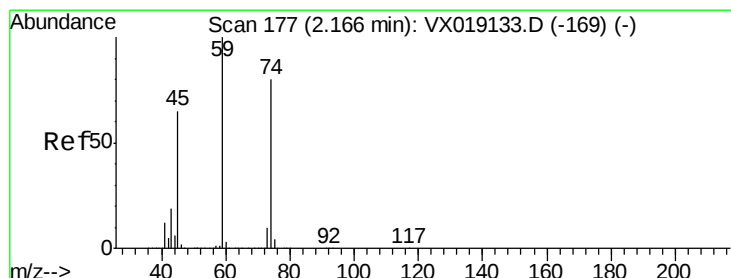
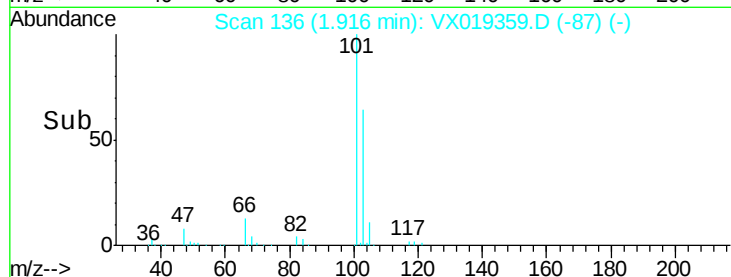
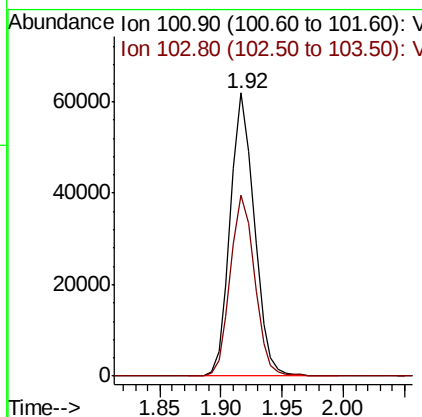
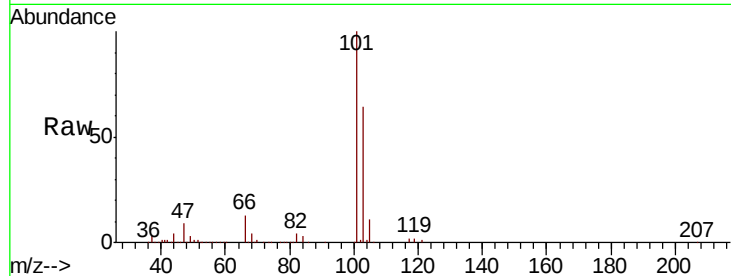
Trichlorofluoromethane
Concen: 19.567 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019359.D
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ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.0	75.0

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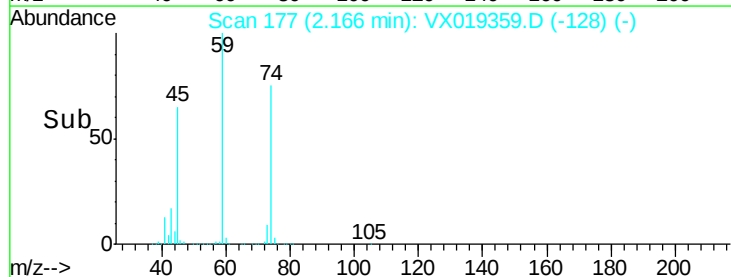
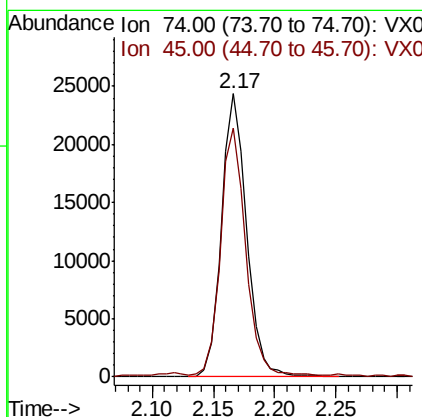
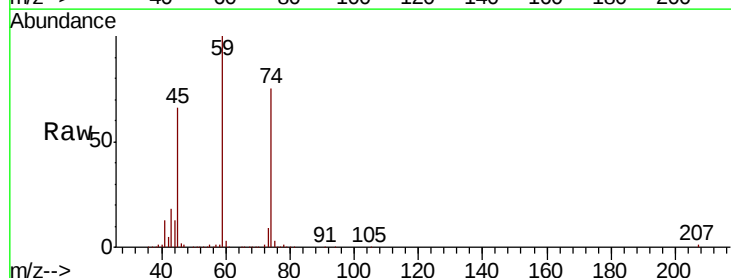
MMDadoda
11/10/2020 8:57:34 AM

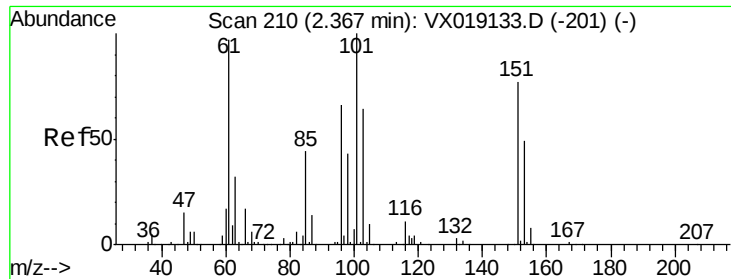


#8

Diethyl Ether
Concen: 21.024 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.0	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.038 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

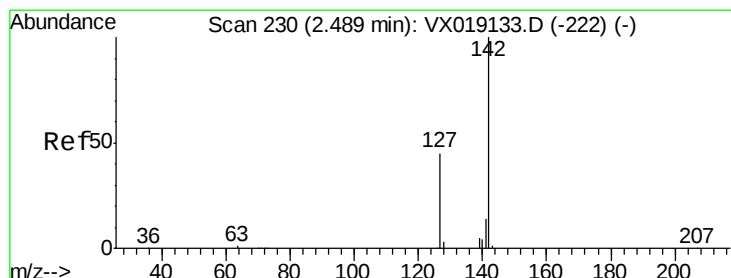
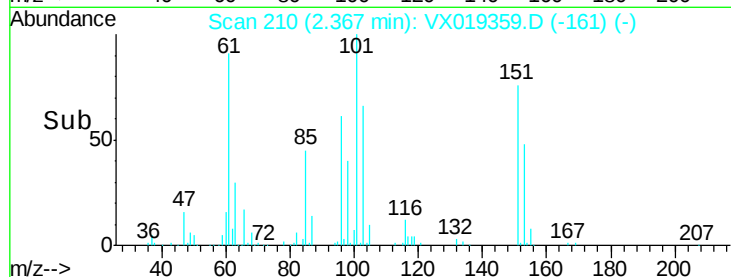
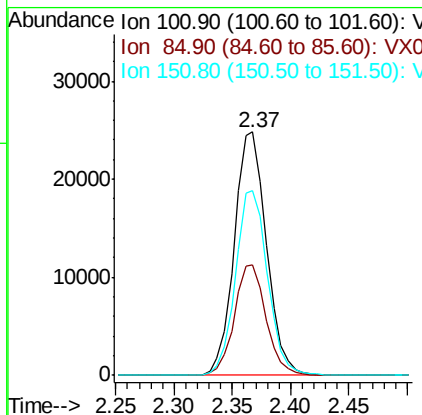
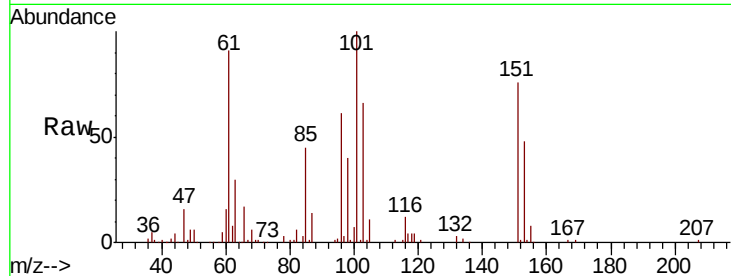
ClientSampleId :

VX1109WBS01

Tot Ion:	101	Resp:	47794
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.0	52.4
151	75.7	61.4	92.2

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11/10/2020 8:57:34 AM



#10

Methyl Iodide

Concen: 20.887 ug/l

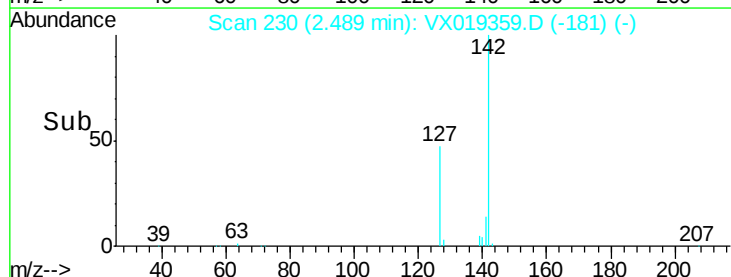
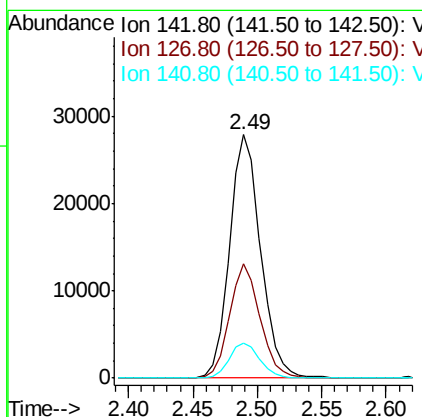
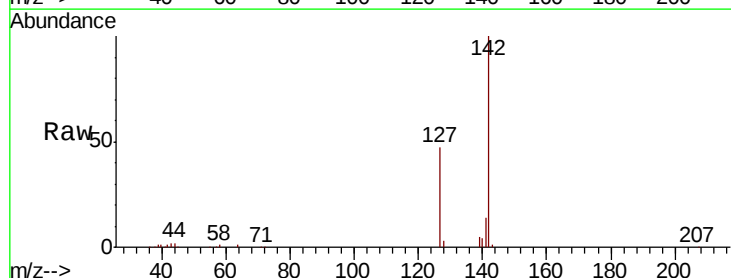
RT: 2.49 min Scan# 230

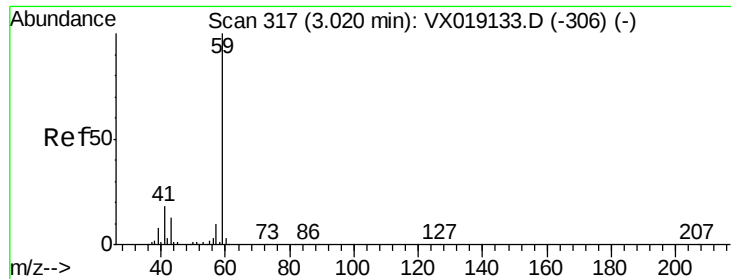
Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion:	142	Resp:	46818
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.1	54.1
141	14.4	11.3	16.9





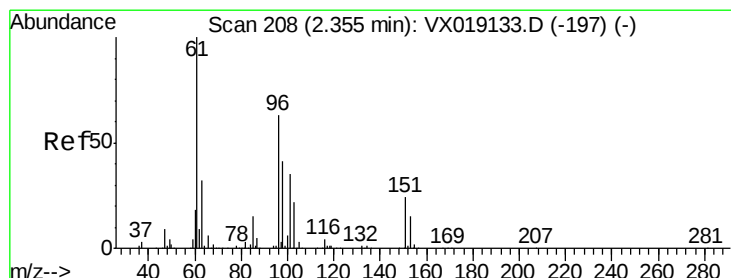
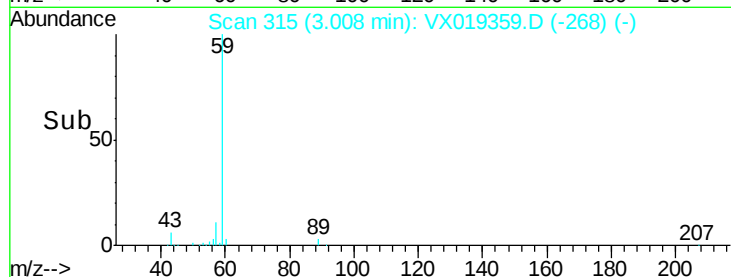
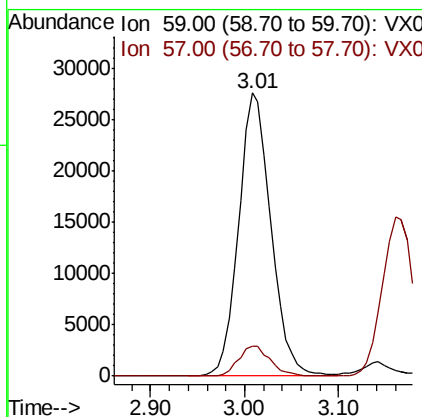
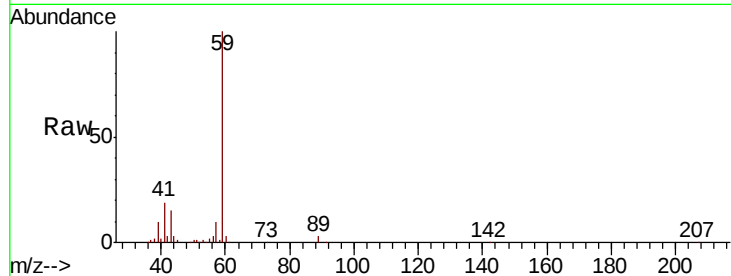
#11
Tert butyl alcohol
Concen: 101.908 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	59	Resp	65827
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

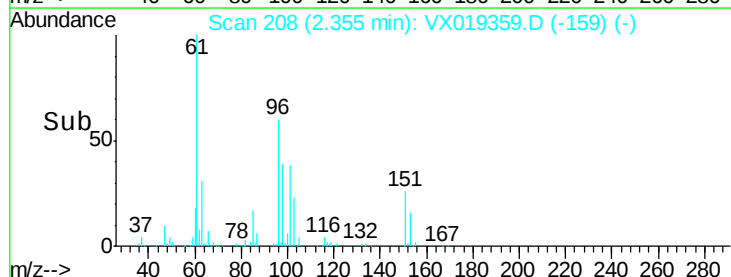
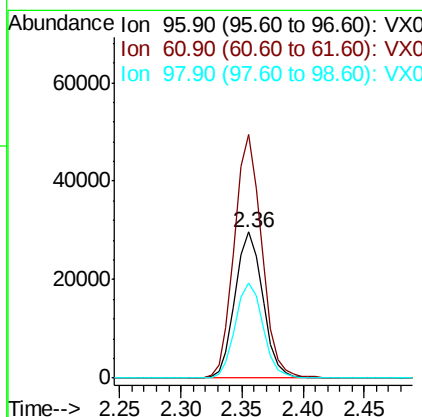
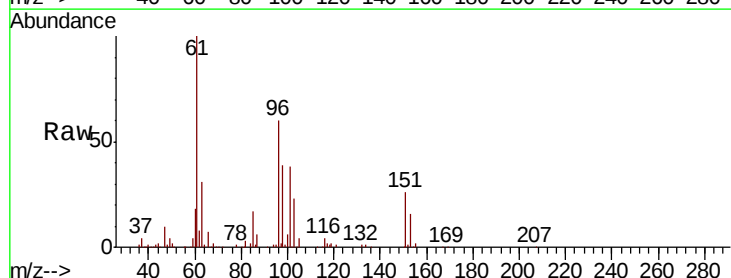
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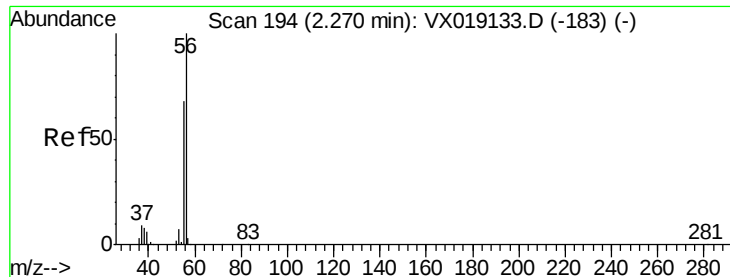
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#12
1,1-Dichloroethene
Concen: 18.994 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	96	Resp	46685
Ion Ratio	100	Lower	Upper
61	166.6	127.7	191.5
98	65.0	52.1	78.1





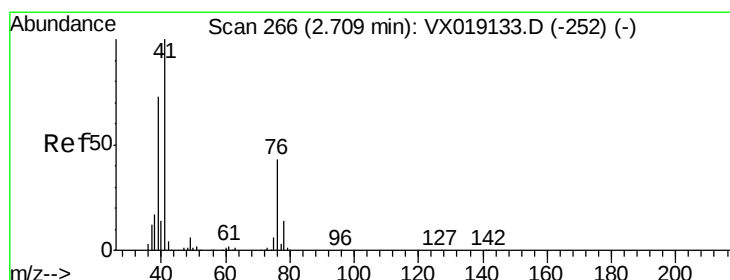
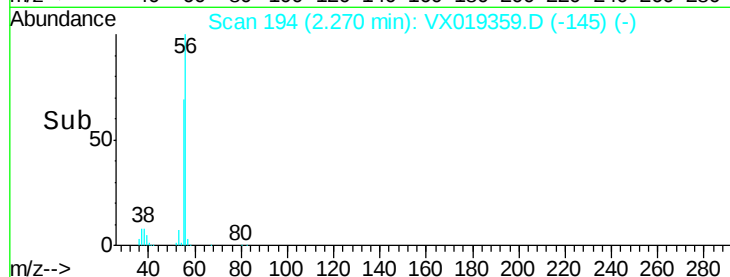
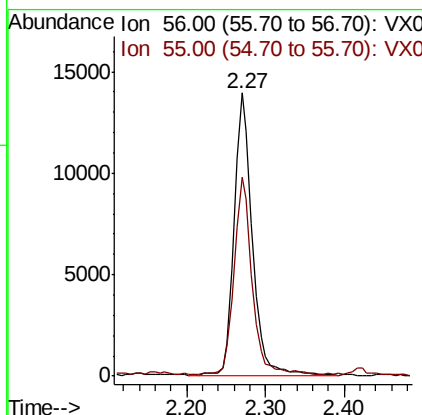
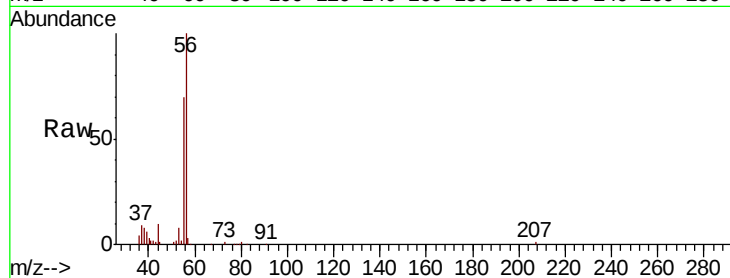
#13
Acrolein
Concen: 82.641 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.7	54.7	82.1

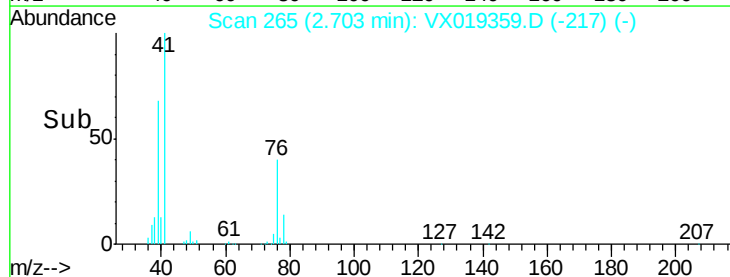
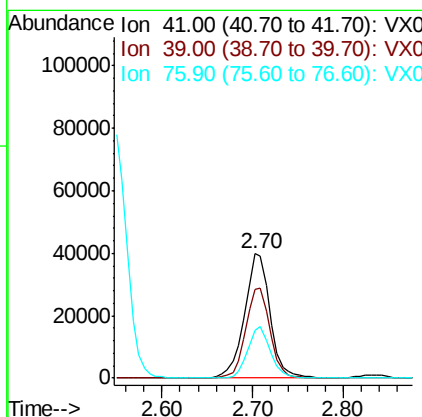
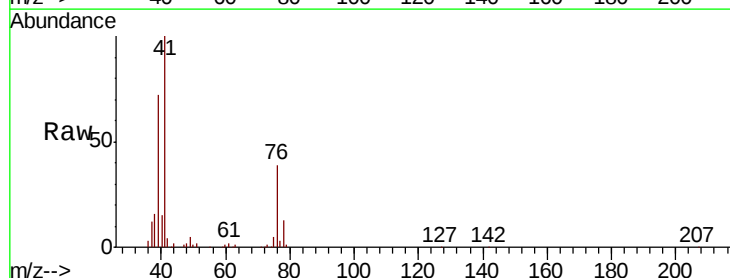
Manual Integrations
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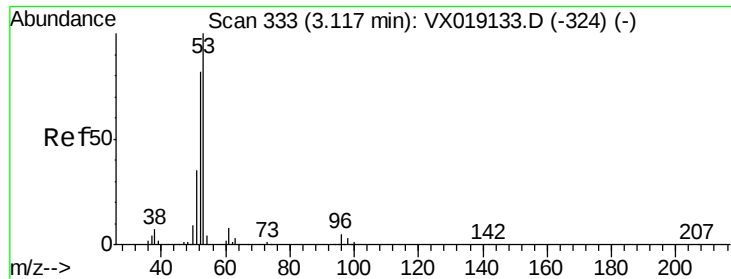
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#14
Allyl chloride
Concen: 20.925 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.3	55.2	82.8
76	36.9	31.5	47.3





#15

Acrylonitrile

Concen: 104.795 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

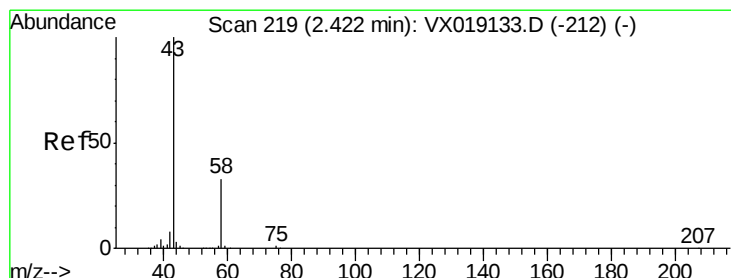
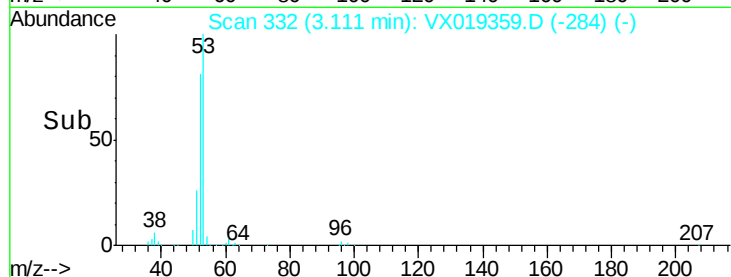
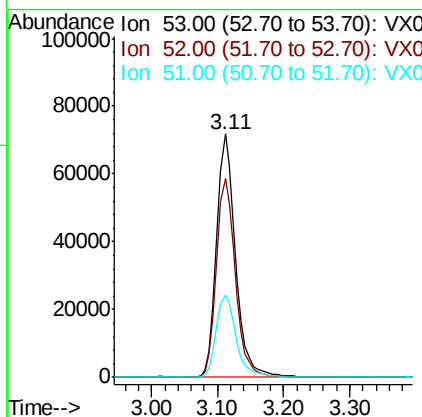
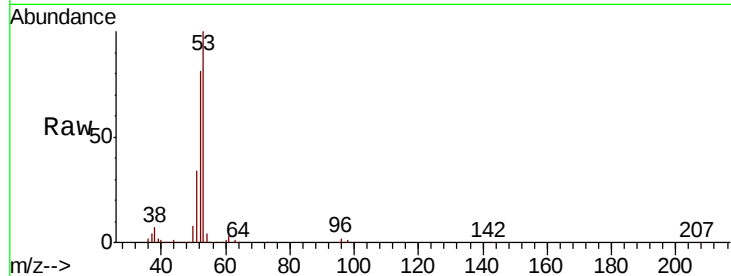
ClientSampleId :

VX1109WBS01

Tot Ion:	53	Resp:	142245
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.7	98.5
51	35.9	28.4	42.6

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#16

Acetone

Concen: 107.972 ug/l

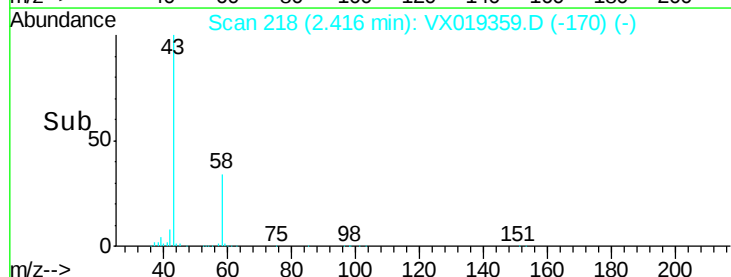
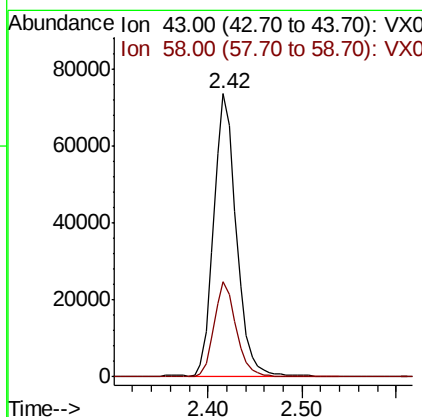
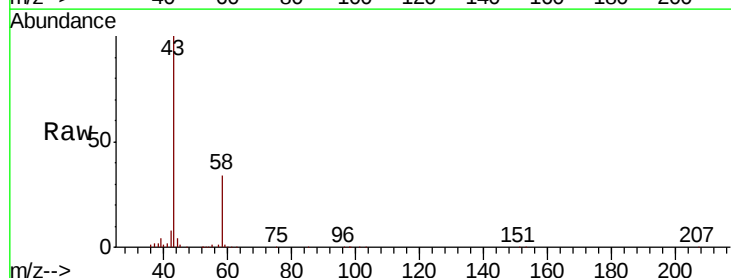
RT: 2.42 min Scan# 218

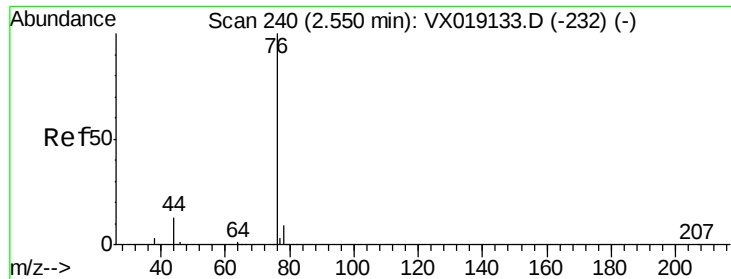
Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion:	43	Resp:	121817
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.3	39.5





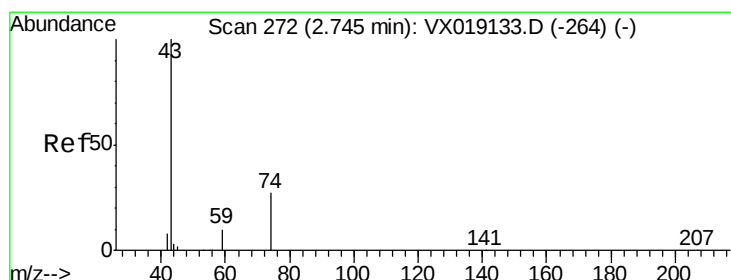
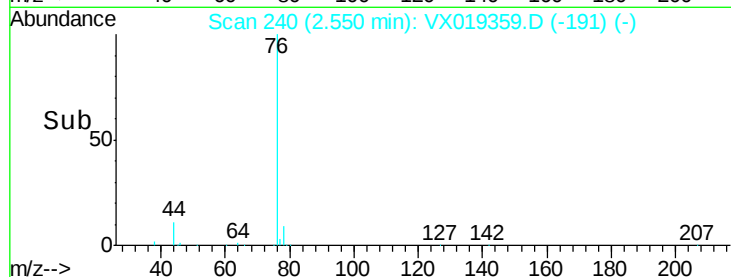
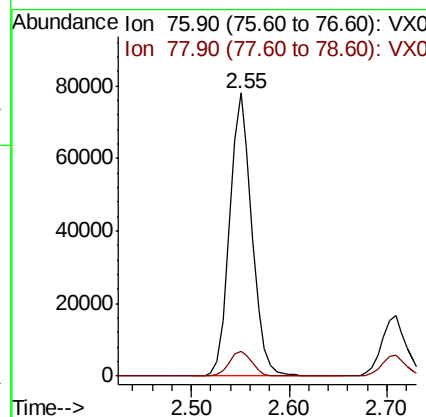
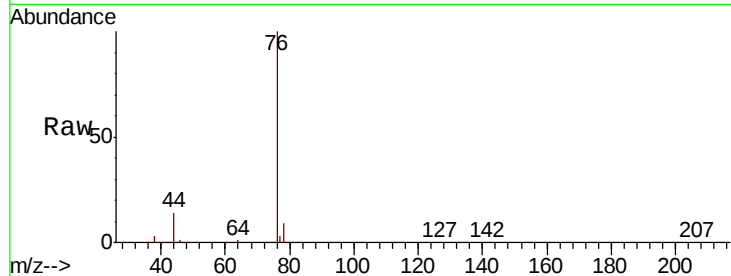
#17
Carbon Disulfide
Concen: 17.935 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

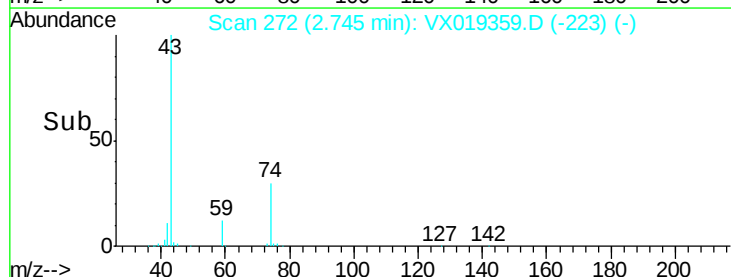
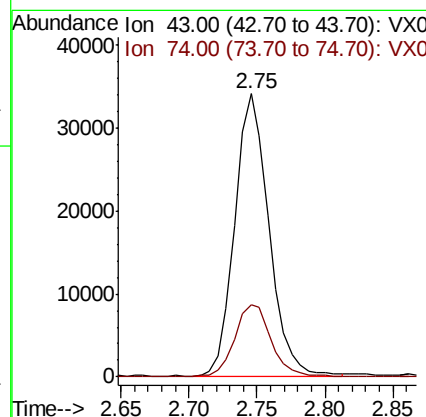
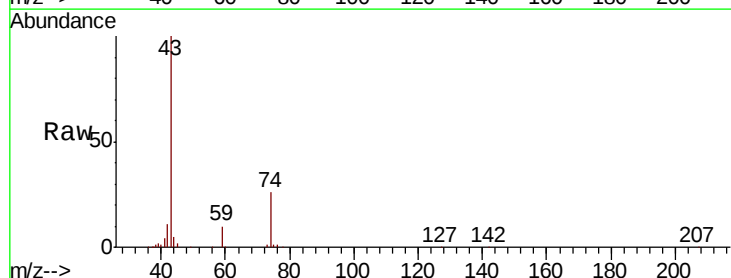
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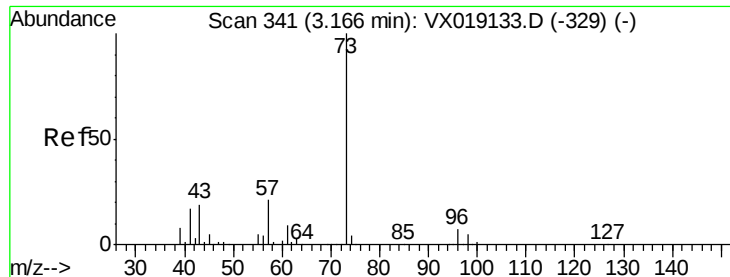
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#18
Methyl Acetate
Concen: 21.695 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	22.6	33.8





#19

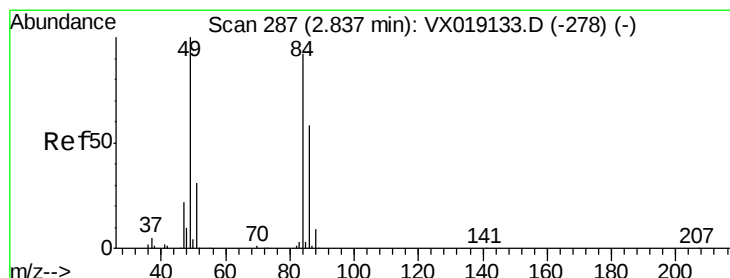
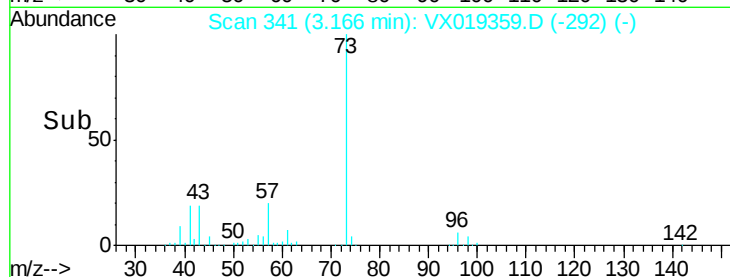
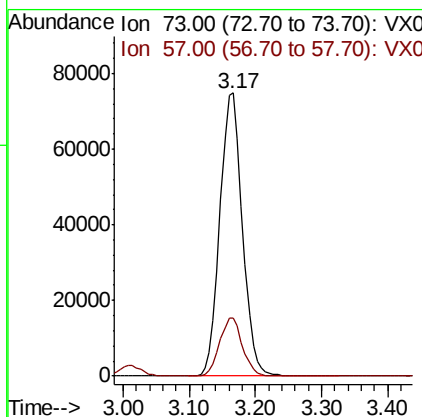
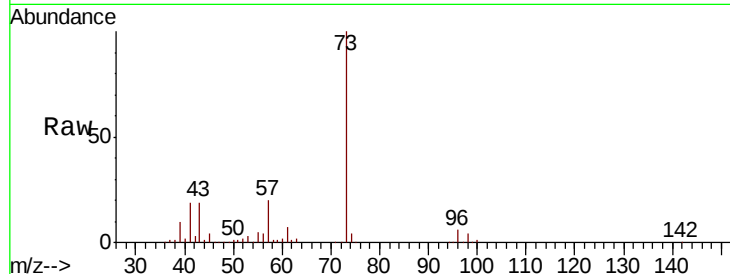
Methyl tert-butyl Ether
 Concen: 20.718 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	73	Resp	176436
Ion Ratio	100	Lower	Upper
73	100		
57	20.5	16.6	25.0

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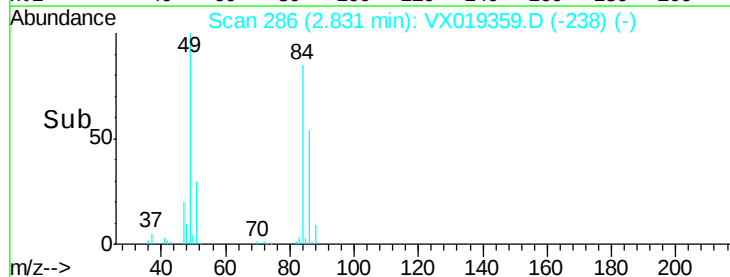
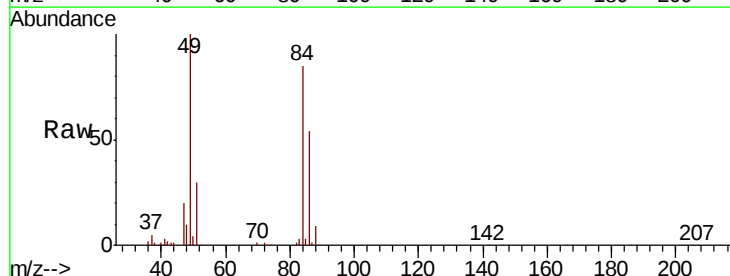
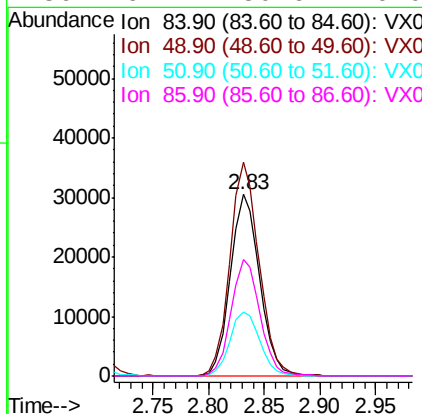
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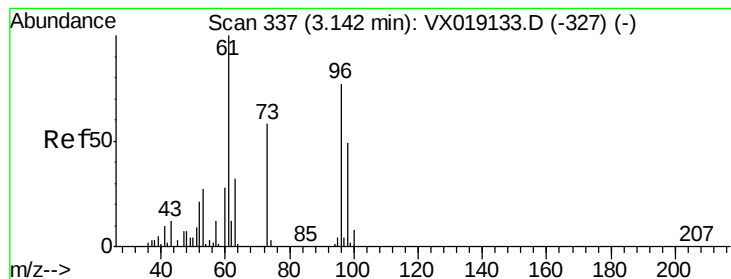


#20

Methylene Chloride
 Concen: 19.658 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	84	Resp	55681
Ion Ratio	100	Lower	Upper
84	100		
49	117.6	86.8	130.2
51	35.5	27.3	40.9
86	64.1	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 18.835 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 96 Resp: 53278

Ion Ratio Lower Upper

96 100

61 137.0 104.2 156.4

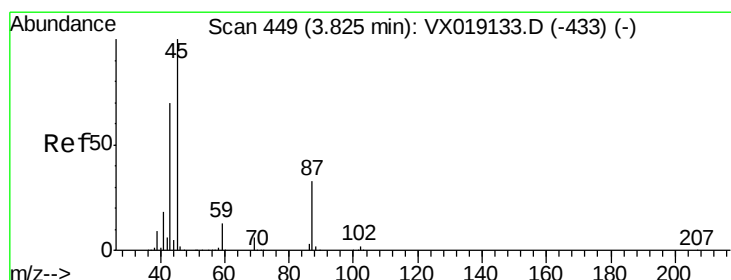
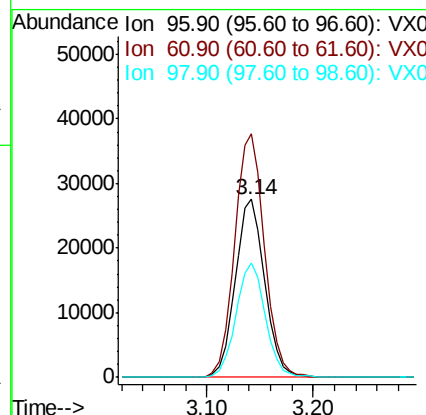
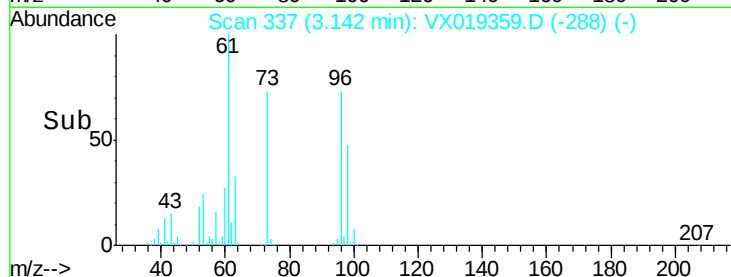
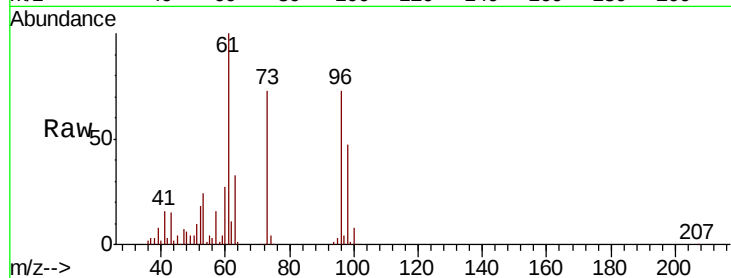
98 64.7 51.3 76.9

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#22

Diisopropyl ether

Concen: 21.913 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion: 45 Resp: 162631

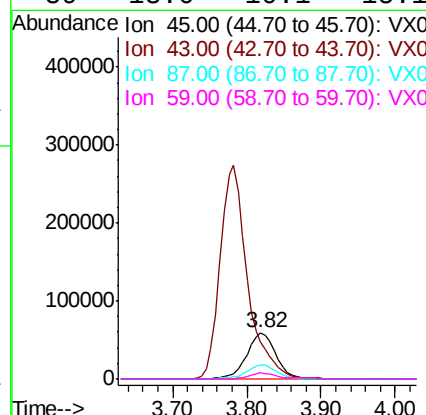
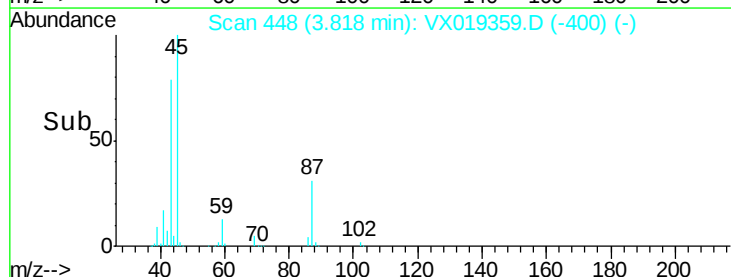
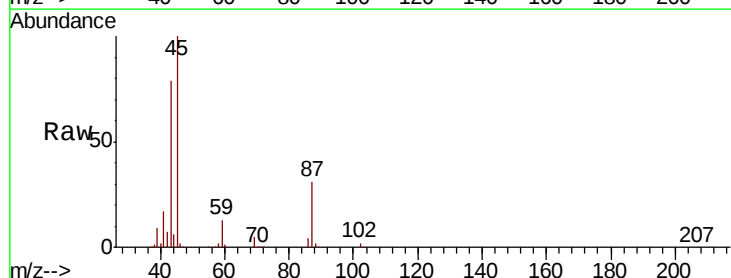
Ion Ratio Lower Upper

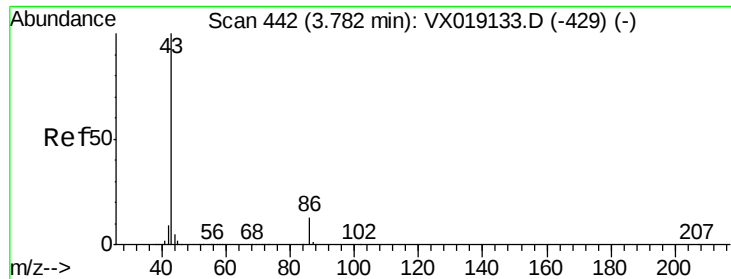
45 100

43 79.2 56.2 84.4

87 30.5 26.2 39.2

59 13.0 10.1 15.1





#23

Vinyl Acetate

Concen: 106.180 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 43 Resp: 702746

Ion Ratio Lower Upper

43 100

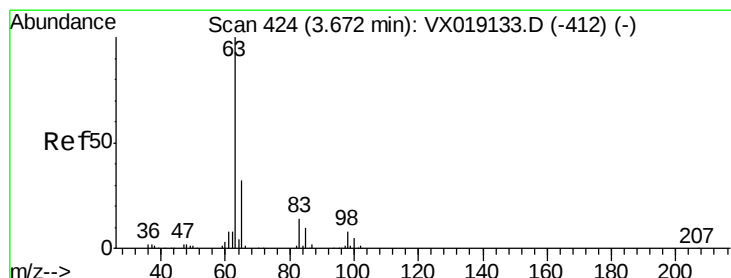
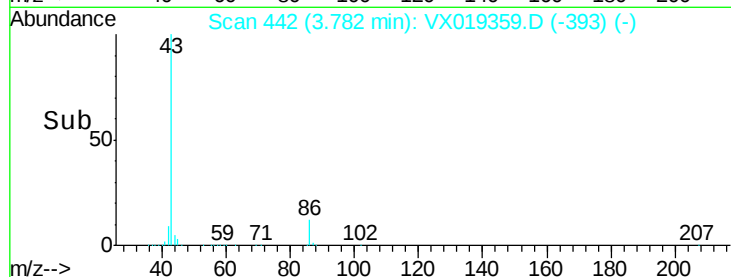
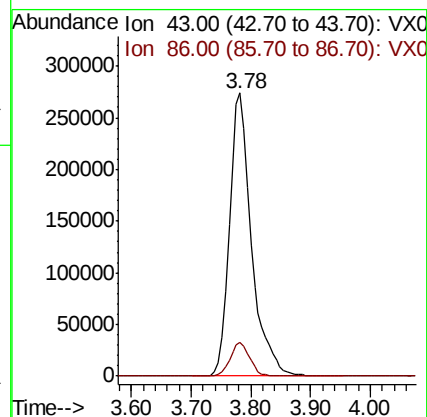
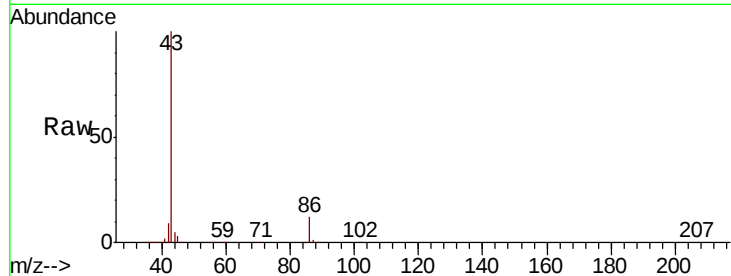
86 12.1 10.4 15.6

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#24

1,1-Dichloroethane

Concen: 21.025 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

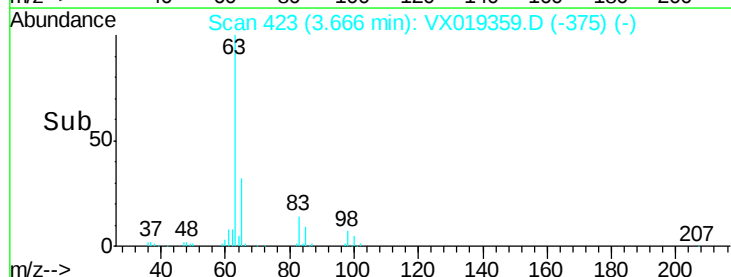
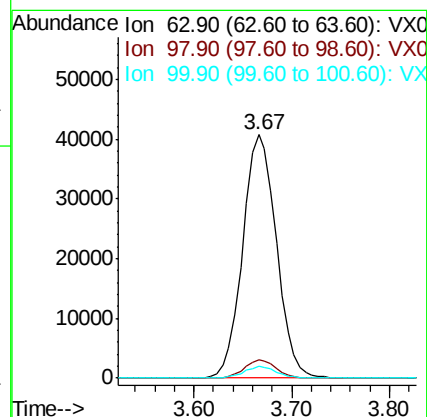
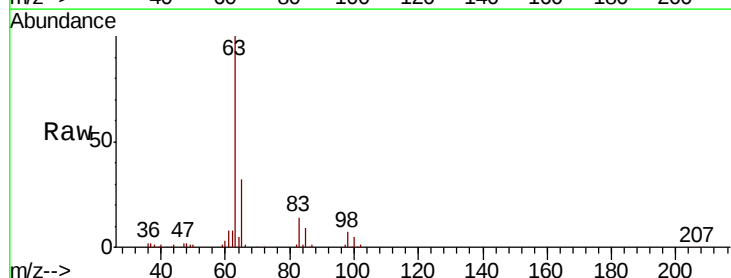
Tgt Ion: 63 Resp: 97427

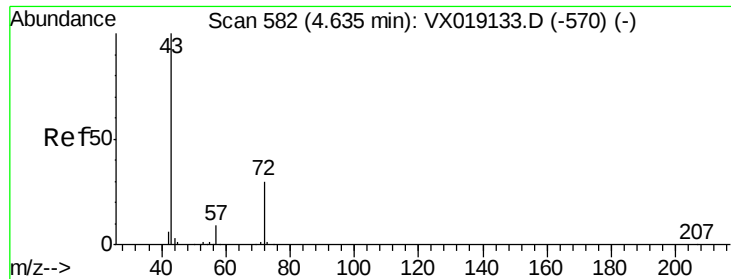
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 106.896 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 43 Resp: 190071

Ion Ratio Lower Upper

43 100

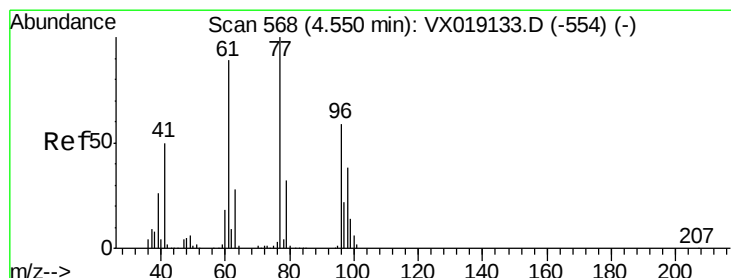
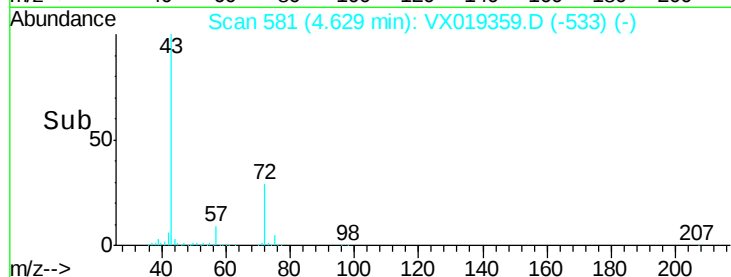
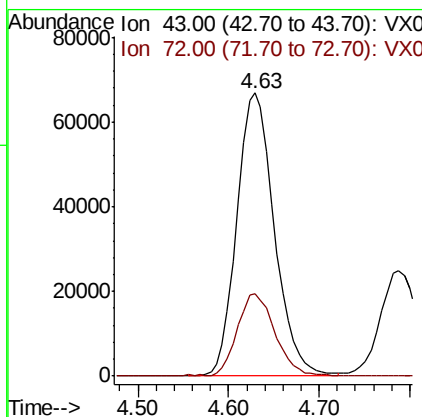
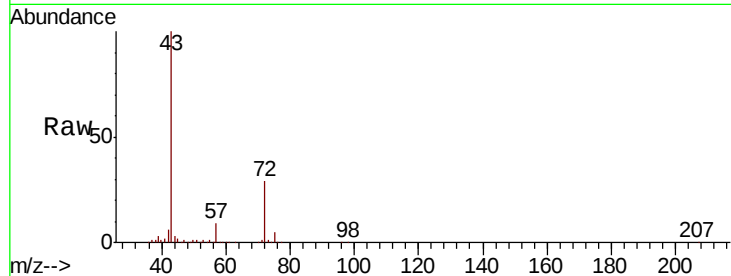
72 29.0 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.397 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019359.D

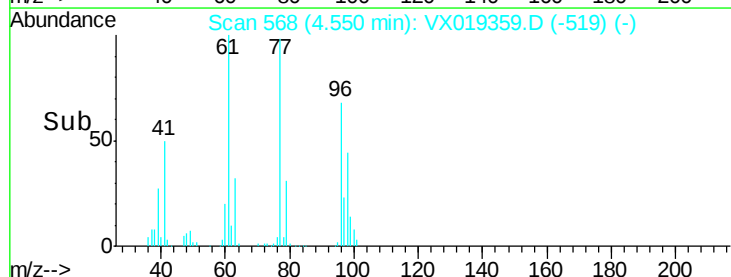
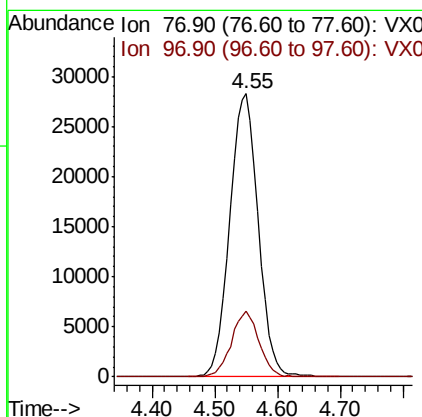
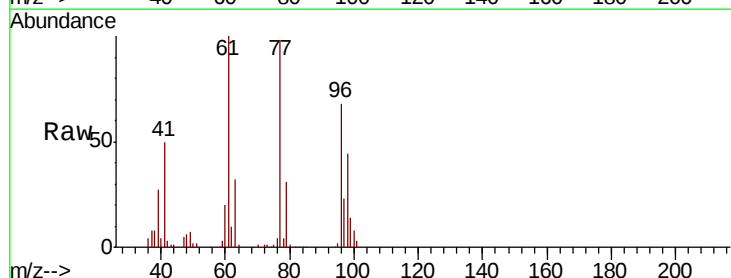
Acq: 09 Nov 2020 11:51

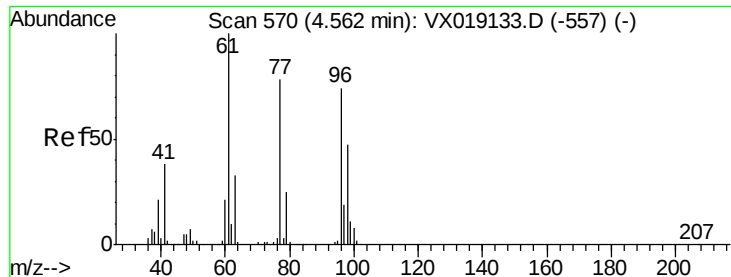
Tgt Ion: 77 Resp: 88855

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

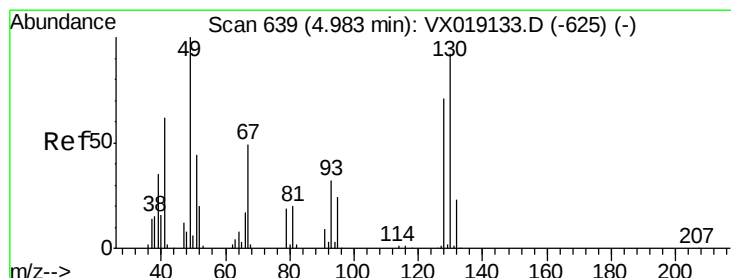
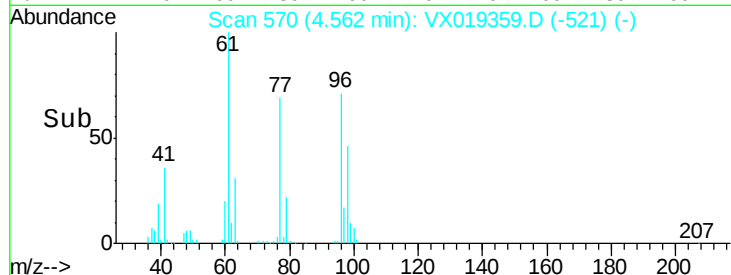
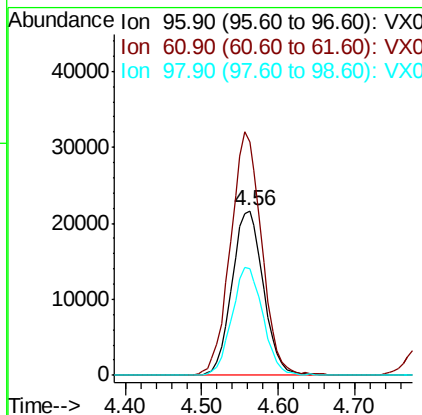
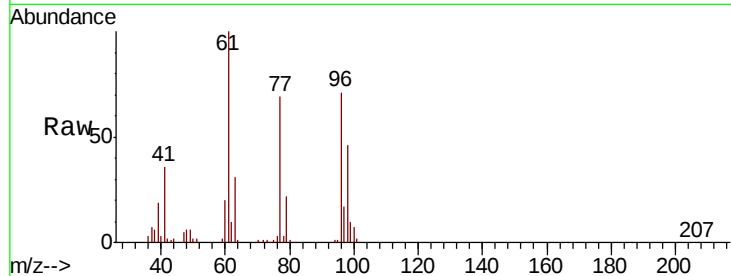
cis-1,2-Dichloroethene
Concen: 19.509 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	61666		
61	146.8	0.0	278.8	
98	64.7	0.0	130.2	

Manual Integrations
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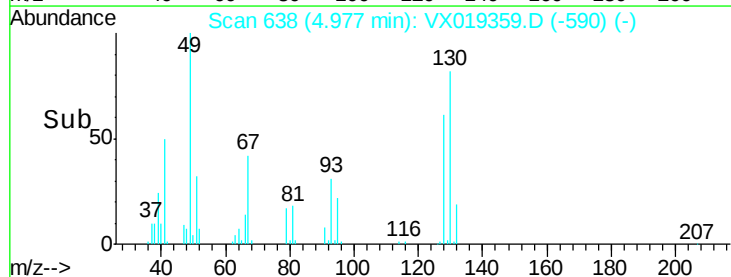
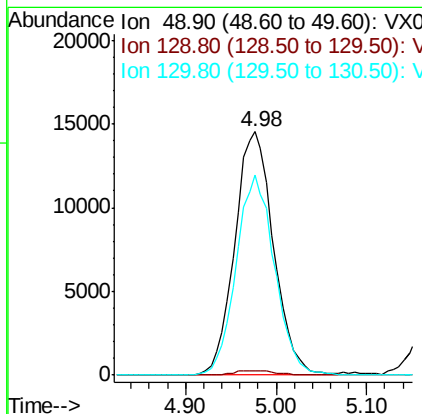
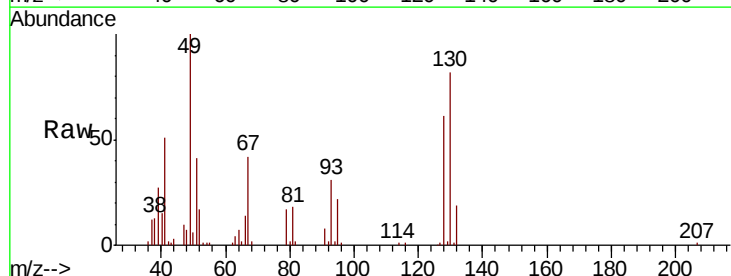
MMDadoda
11/10/2020 8:57:34 AM

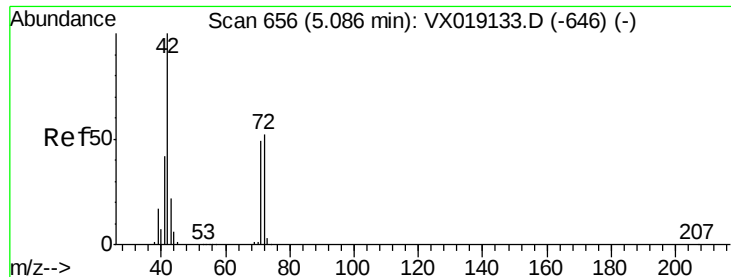


#28

Bromochloromethane
Concen: 20.453 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43086		
129	1.9	0.0	4.4	
130	81.3	71.3	106.9	





#29

Tetrahydrofuran

Concen: 106.633 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

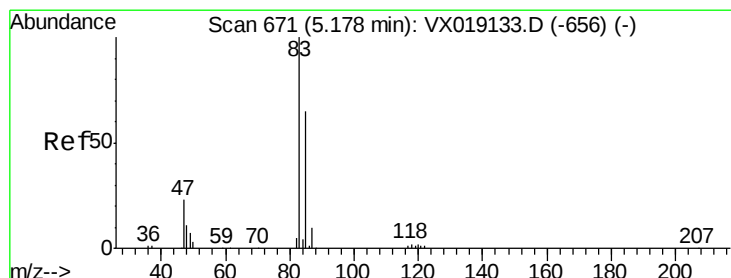
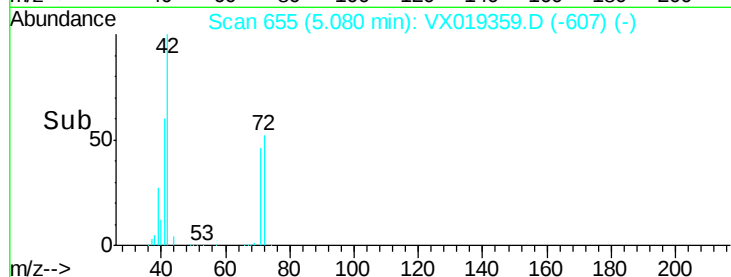
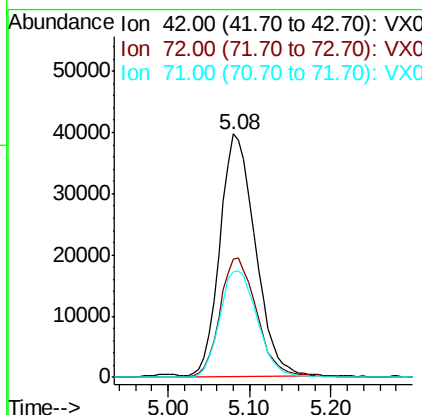
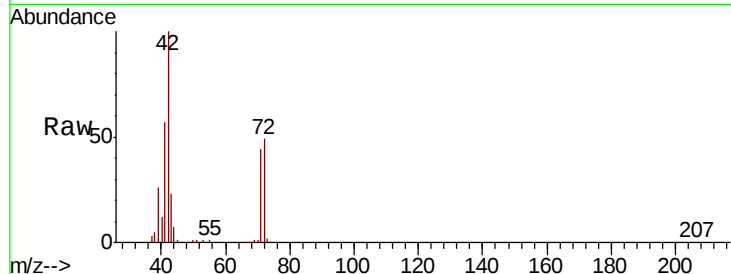
ClientSampled :

VX1109WBS01

Tot Ion:	42	Resp:	119487
Ion Ratio		Lower	Upper
42	100		
72	51.7	42.6	63.8
71	46.8	39.7	59.5

Manual Integrations
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11/10/2020 8:57:34 AM



#30

Chloroform

Concen: 20.493 ug/l

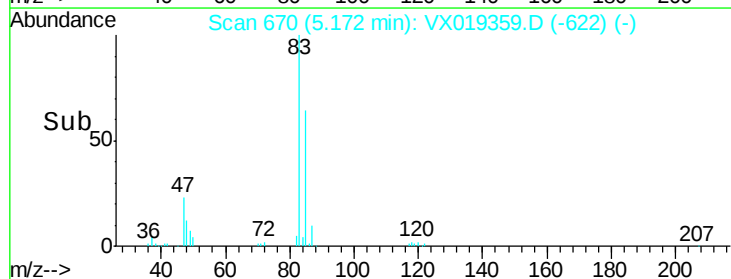
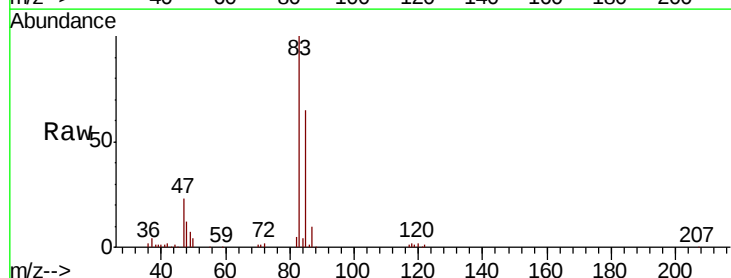
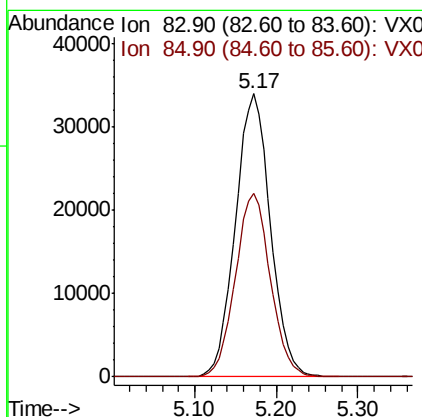
RT: 5.17 min Scan# 670

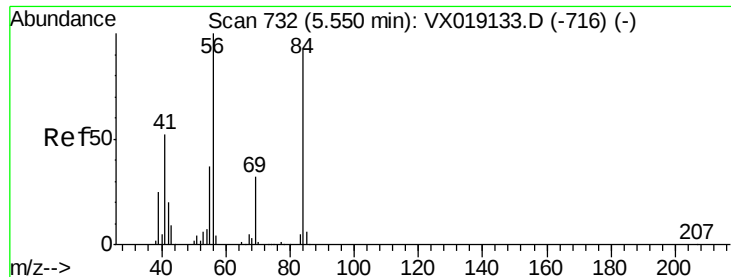
Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion:	83	Resp:	101080
Ion Ratio		Lower	Upper
83	100		
85	64.7	51.9	77.9





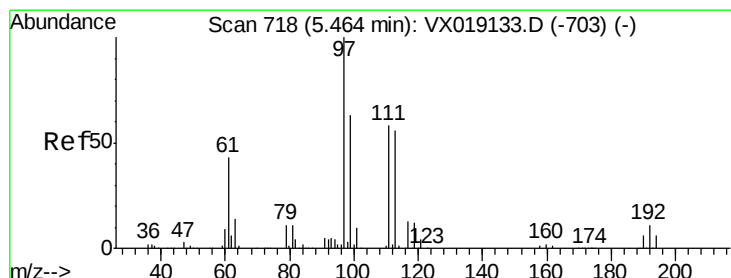
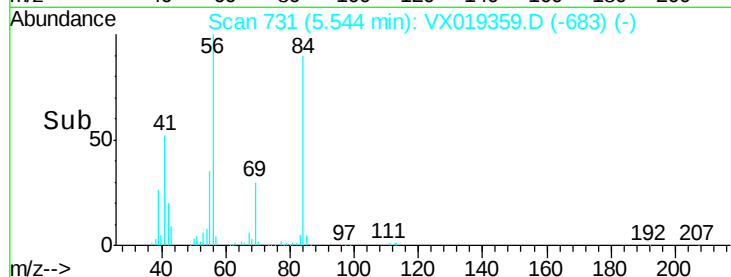
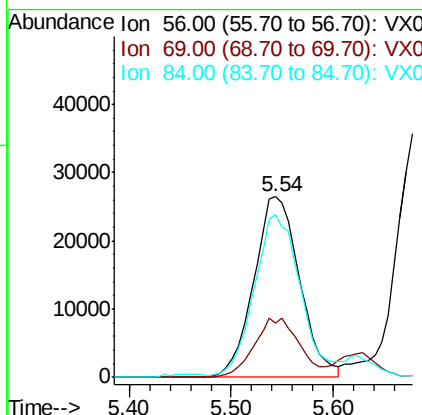
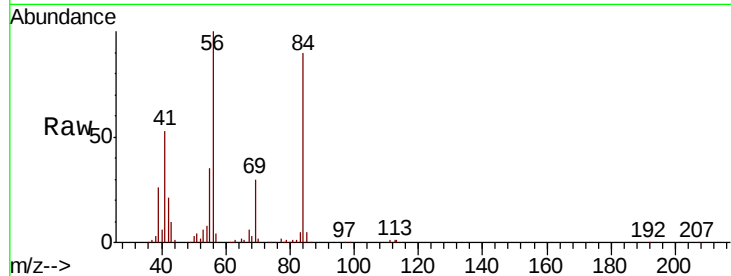
#31
Cvclohexane
Concen: 19.986 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 56 Resp: 82622
Ion Ratio Lower Upper
56 100
69 30.0 25.9 38.9
84 88.2 73.4 110.2

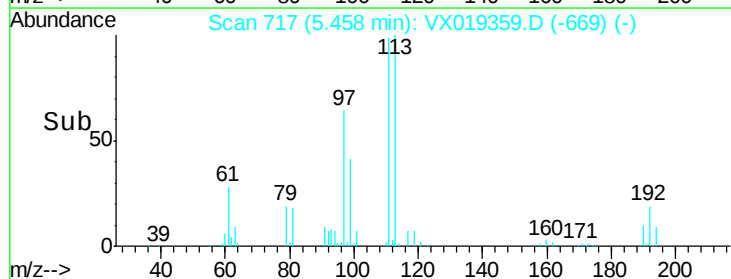
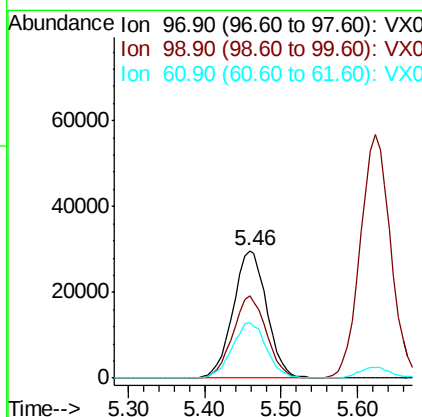
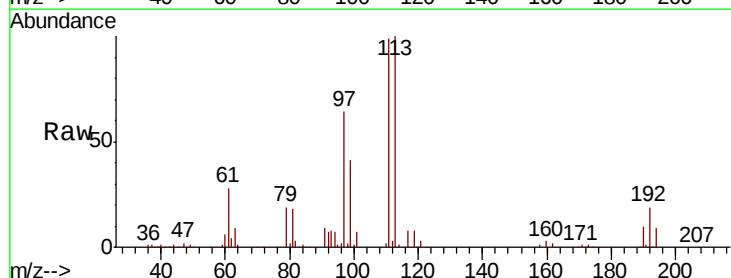
Manual Integrations
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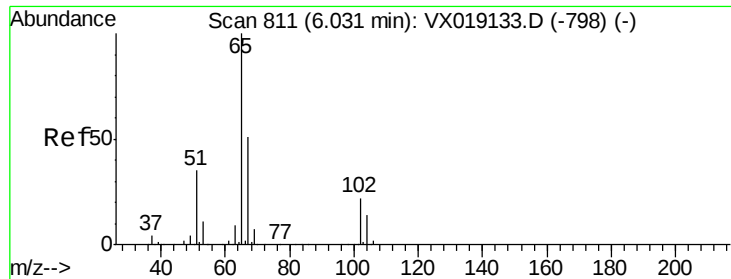
MMDadoda
11/10/2020 8:57:34 AM



#32
1,1,1-Trichloroethane
Concen: 20.281 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 97 Resp: 90692
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 44.1 34.2 51.2





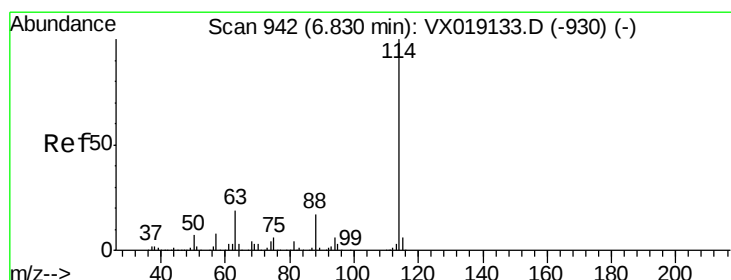
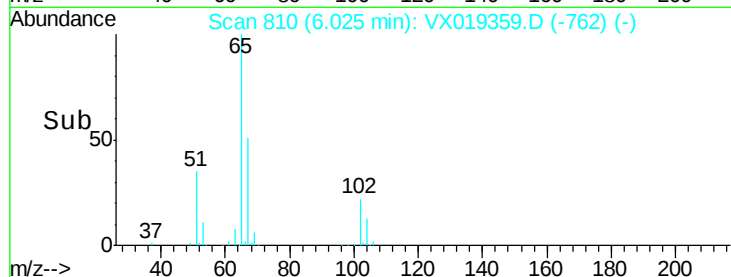
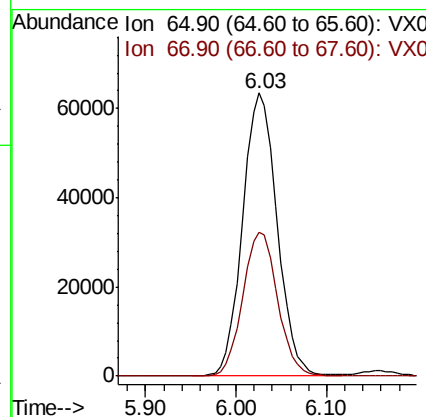
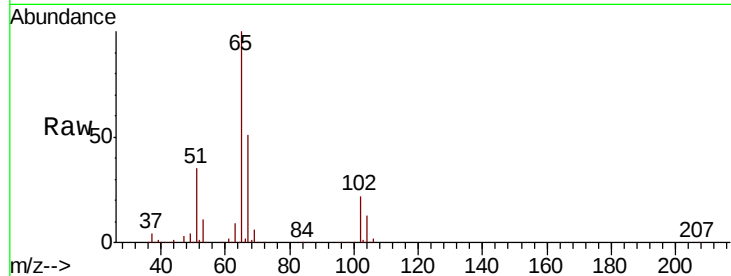
#33
 1,2-Dichloroethane-d4
 Concen: 51.217 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167500		
67	51.3	0.0	103.0	

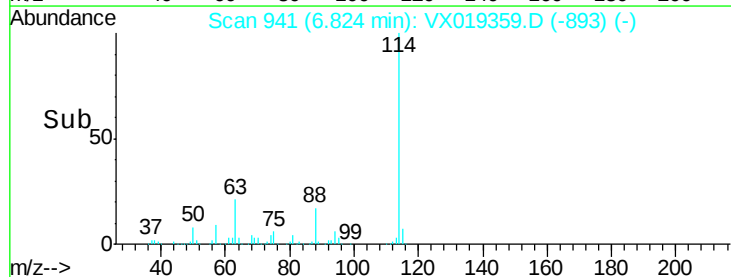
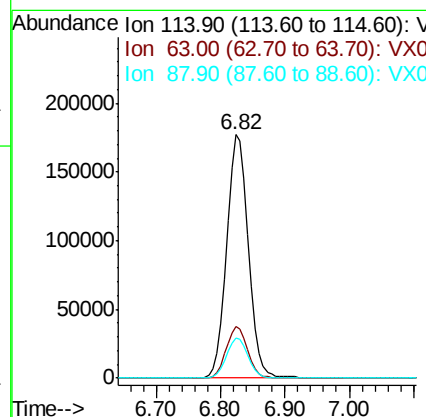
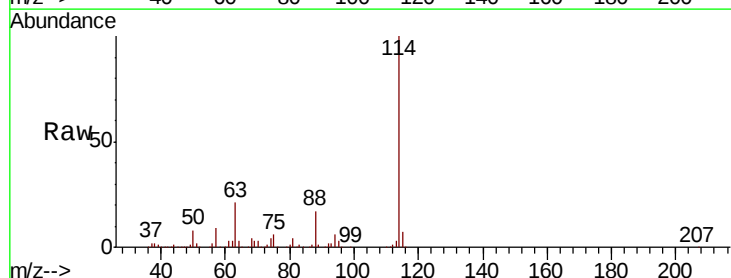
Manual Integrations
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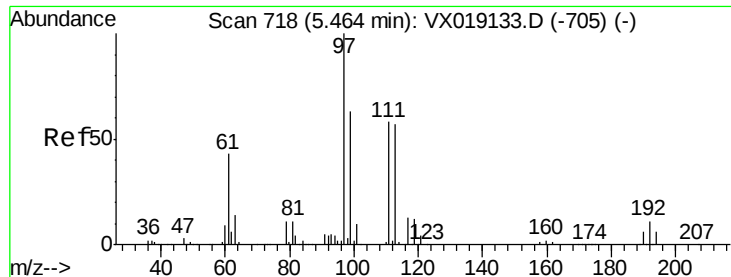
MMDadoda
 11/10/2020 8:57:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	422732		
63	21.1	0.0	38.8	
88	16.7	0.0	34.2	





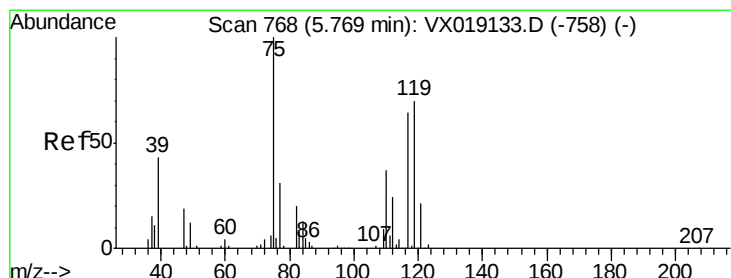
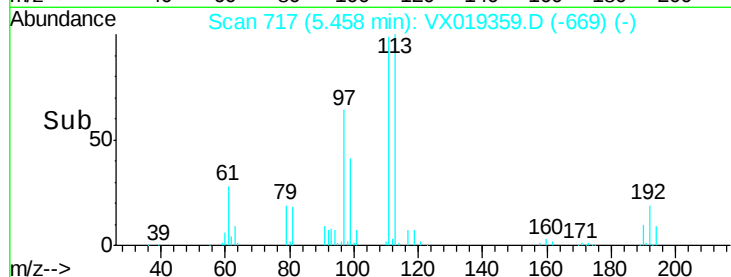
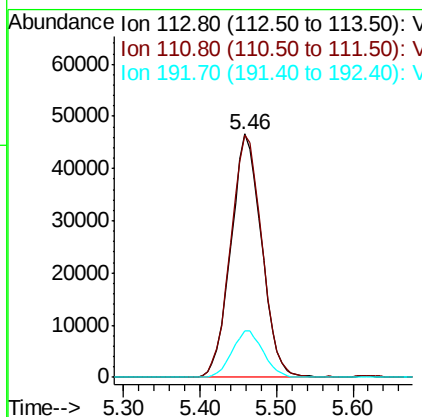
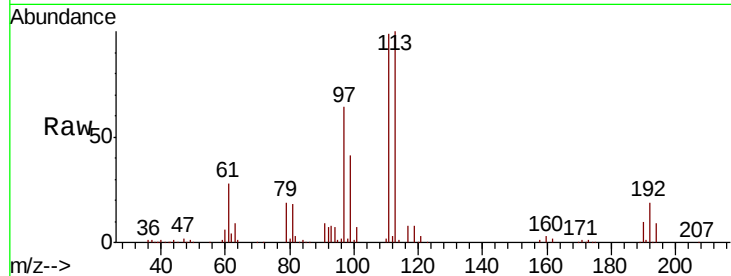
#35
Dibromofluoromethane
Concen: 48.780 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129528		
111	101.5	82.3	123.5	
192	19.6	16.2	24.2	

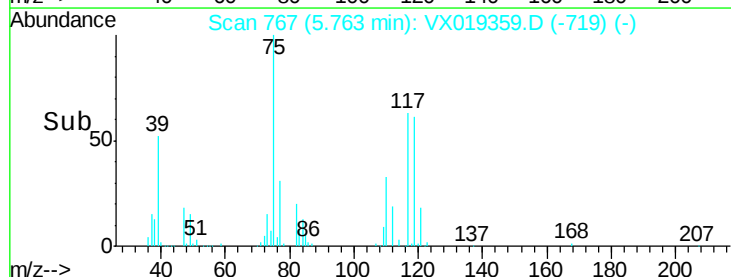
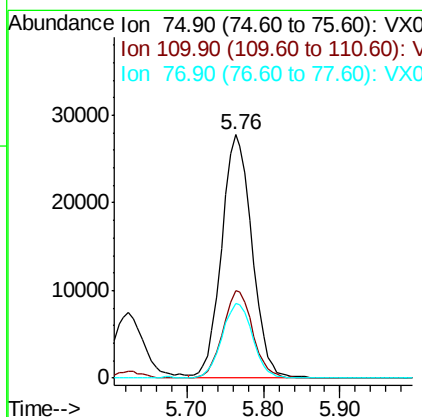
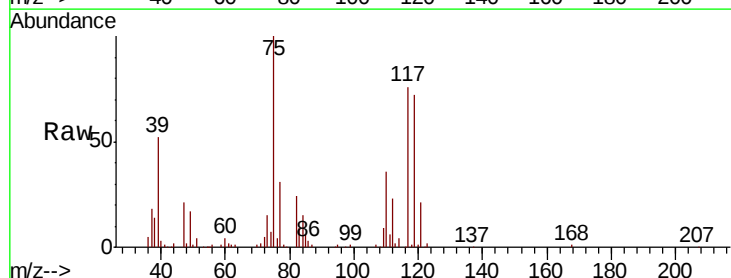
Manual Integrations
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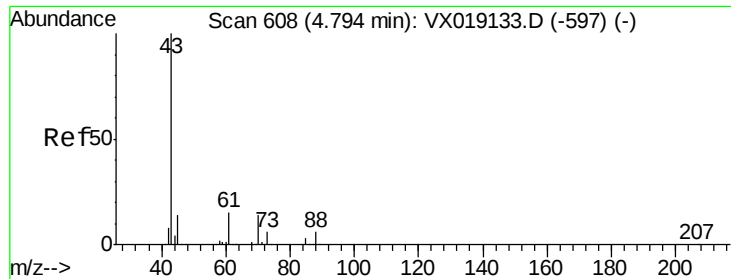
MMDadoda
11/10/2020 8:57:34 AM



#36
1,1-Dichloropropene
Concen: 19.489 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76077		
110	35.3	18.3	54.9	
77	31.0	24.9	37.3	





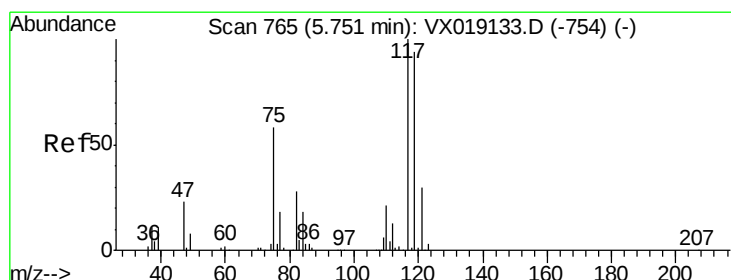
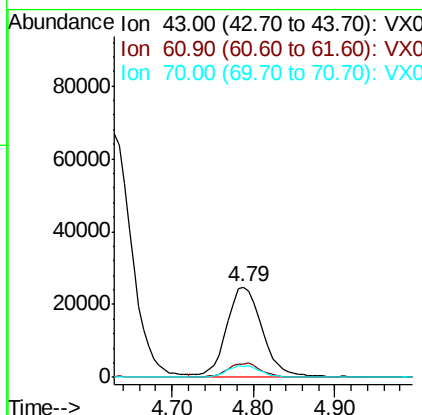
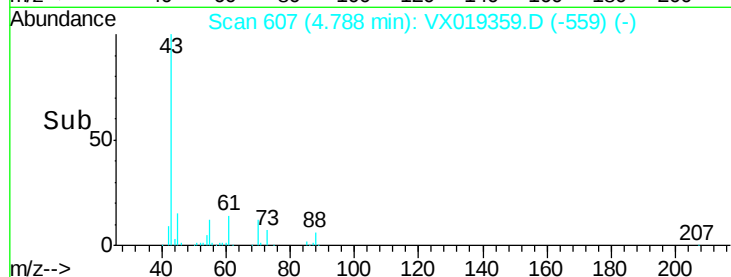
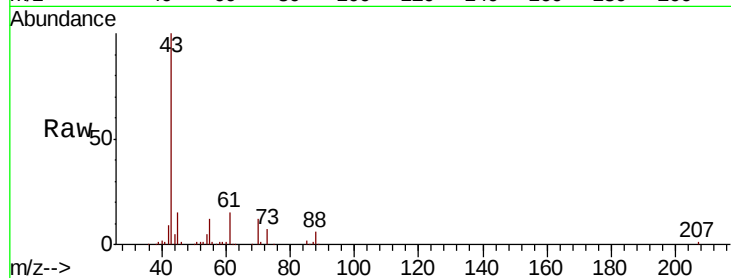
#37
Ethyl Acetate
Concen: 20.361 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	12.7	10.5	15.7

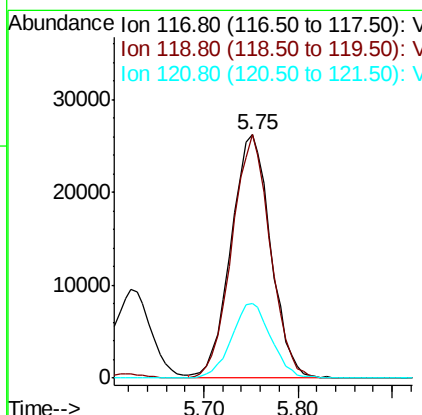
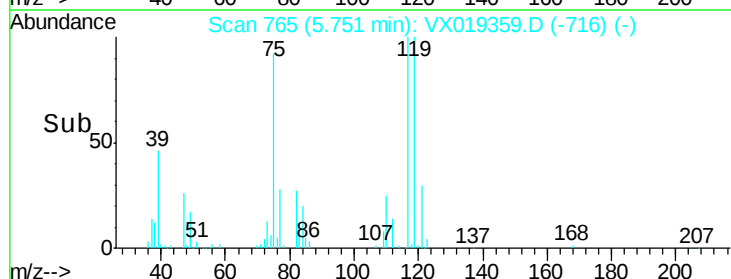
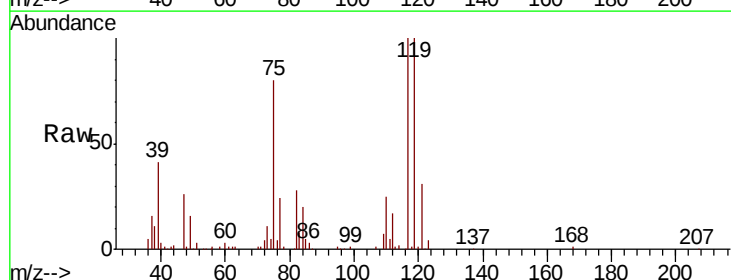
Manual Integrations
APPROVED

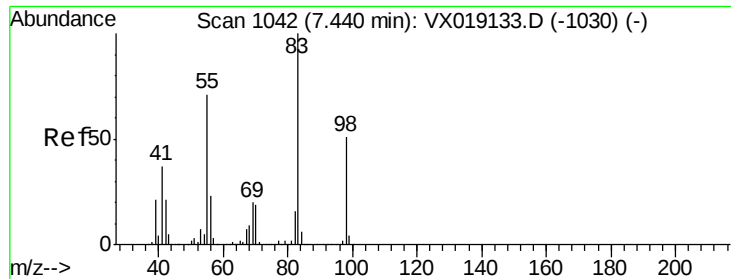
MMDadoda
11/10/2020 8:57:34 AM



#38
Carbon Tetrachloride
Concen: 19.361 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.0	112.6
121	30.5	23.9	35.9





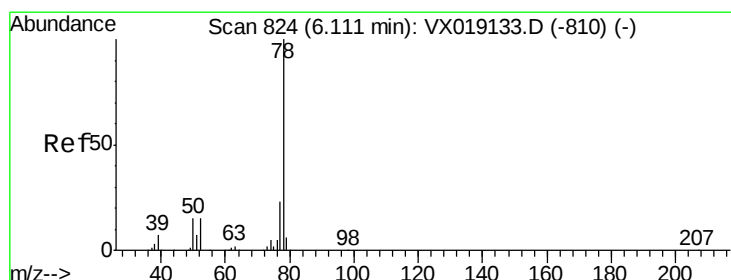
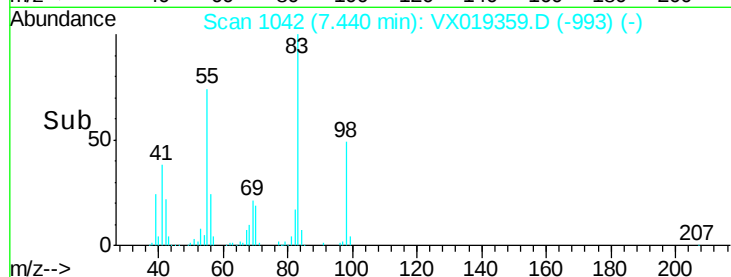
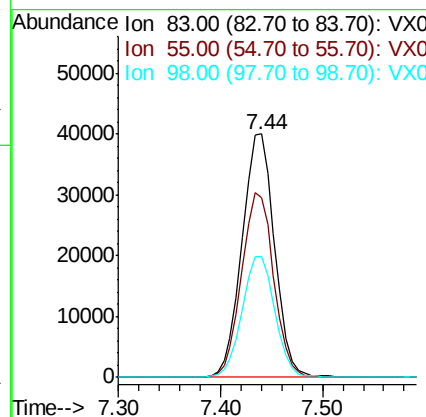
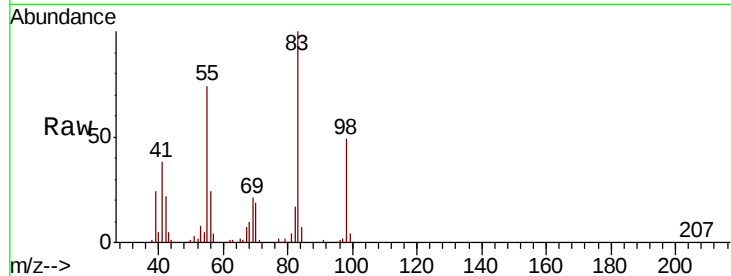
#39
Methvlcvclohexane
Concen: 19.023 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	57.0	85.6
98	49.4	40.5	60.7

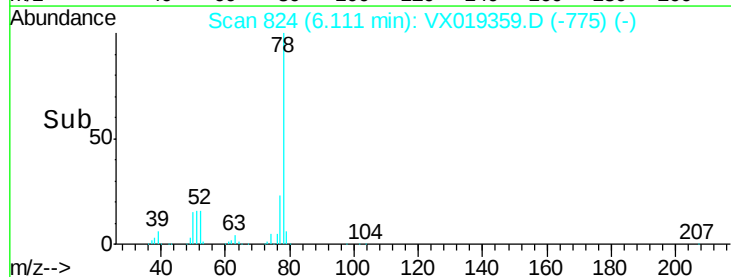
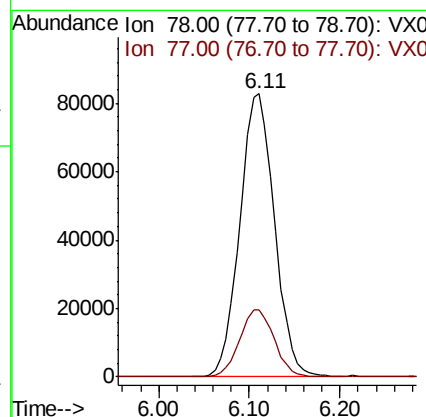
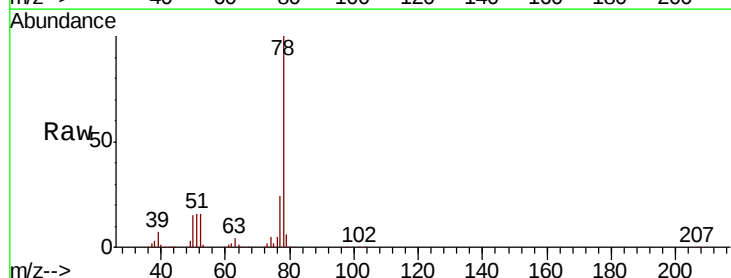
Manual Integrations
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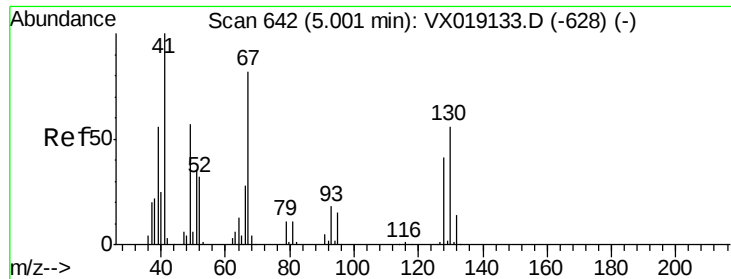
MMDadoda
11/10/2020 8:57:34 AM



#40
Benzene
Concen: 19.804 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





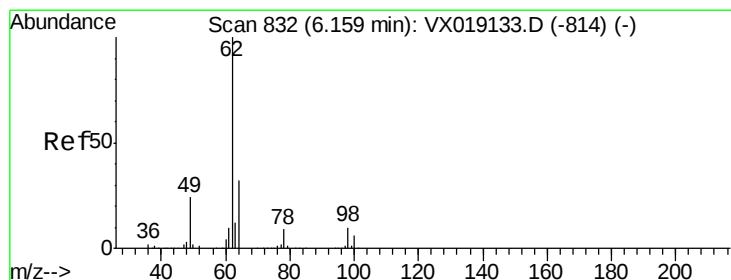
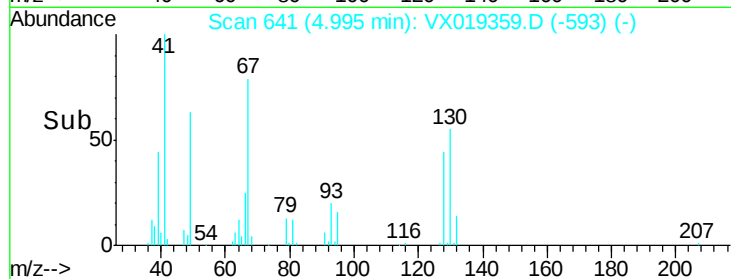
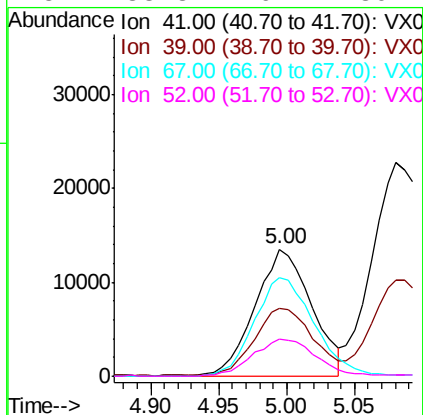
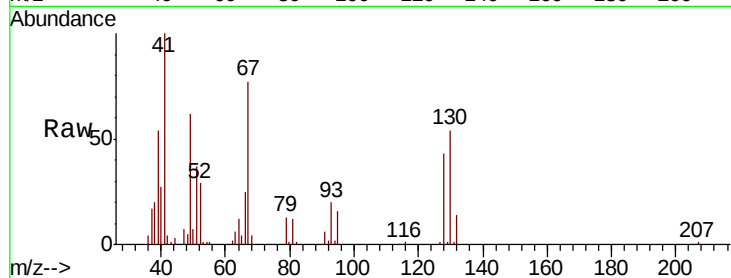
#41
Methacrylonitrile
Concen: 20.152 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ion	Ratio	Lower	Upper
39334	41	100		
	39	55.2	44.4	66.6
	67	82.8	66.4	99.6
	52	33.3	26.2	39.4

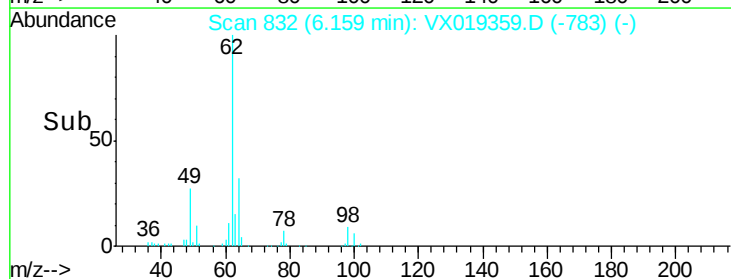
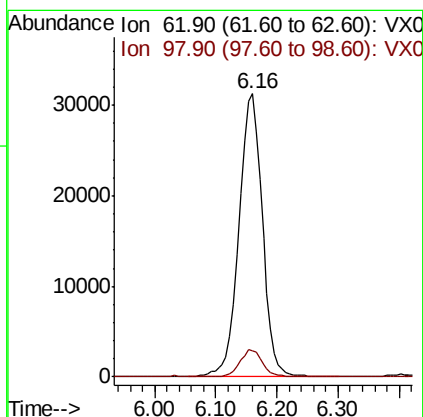
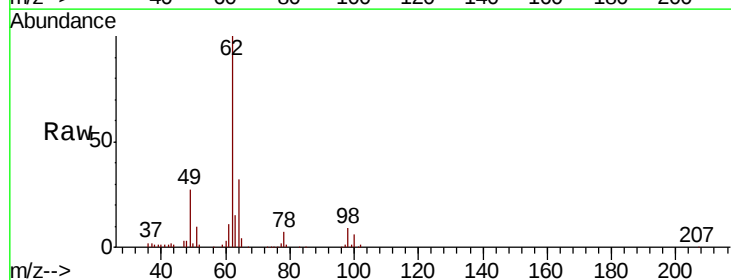
Manual Integrations
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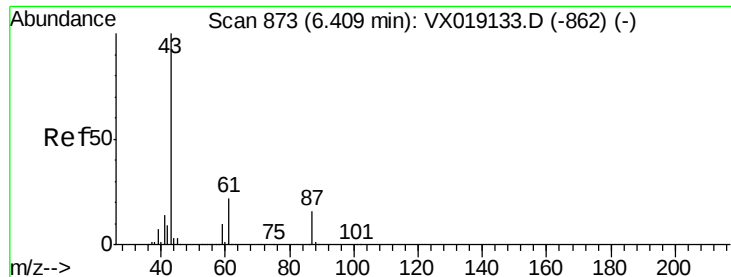
MMDadoda
11/10/2020 8:57:34 AM



#42
1,2-Dichloroethane
Concen: 20.277 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ion	Ratio	Lower	Upper
82710	62	100		
	98	9.3	0.0	19.0





#43

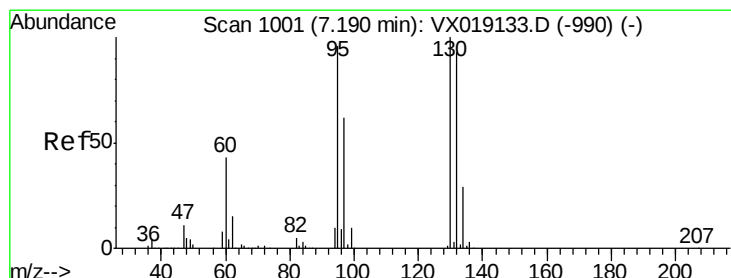
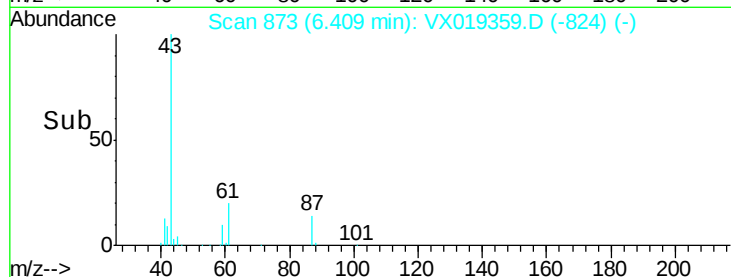
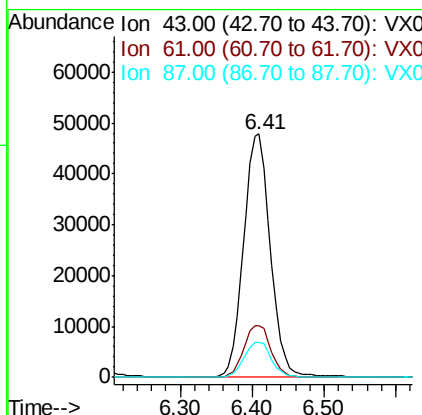
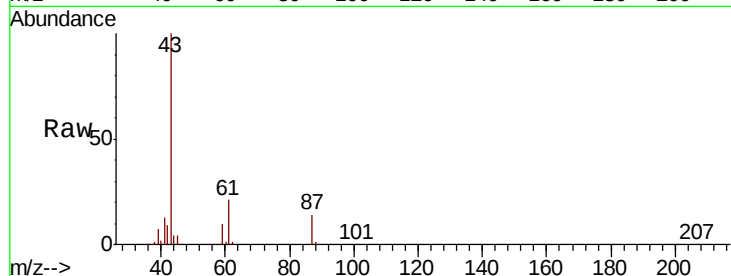
Isopropyl Acetate
 Concen: 20.215 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	14.8	12.6	19.0

Manual Integrations
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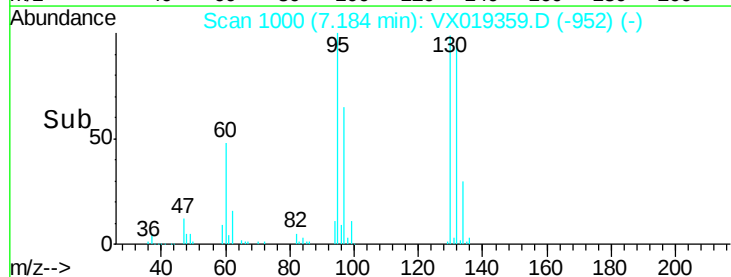
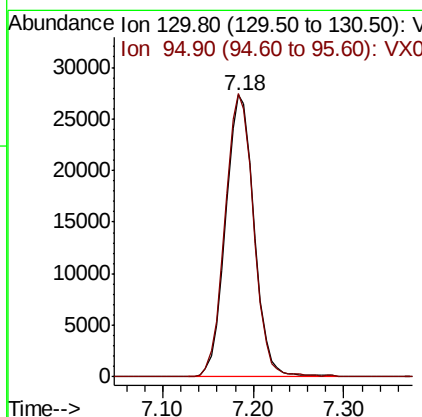
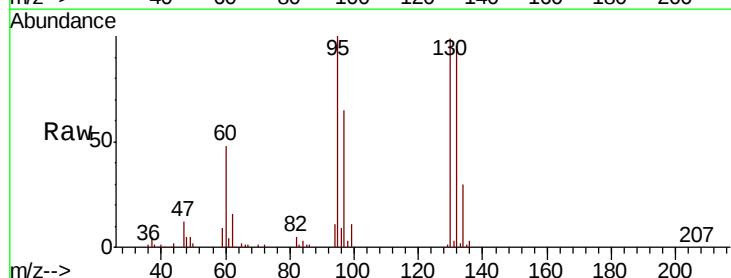
MMDadoda
 11/10/2020 8:57:34 AM

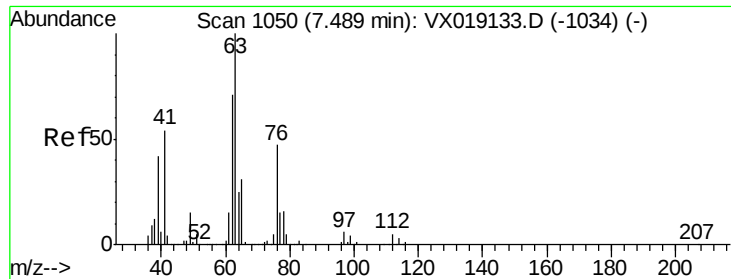


#44

Trichloroethene
 Concen: 18.781 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	192.0





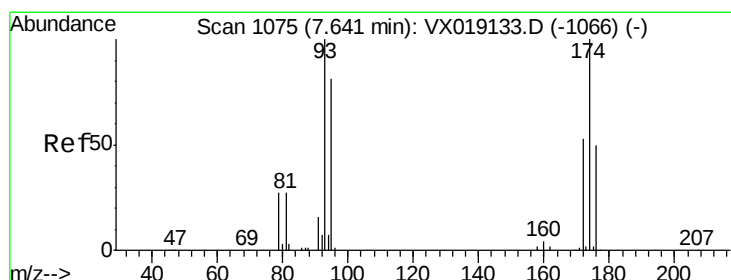
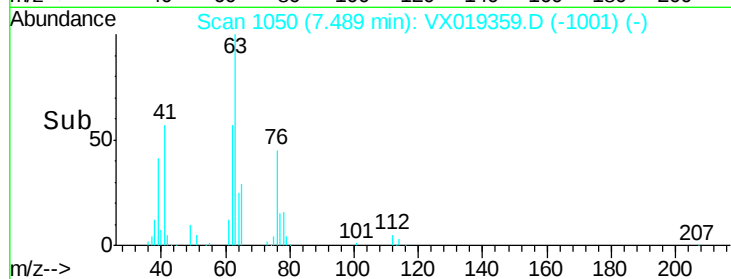
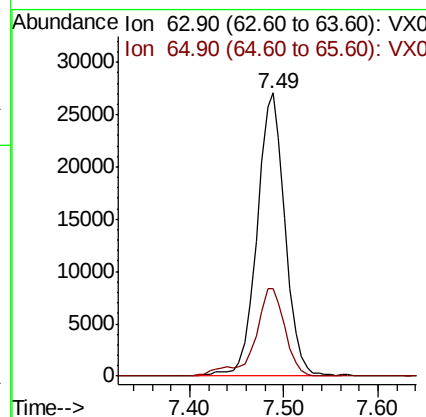
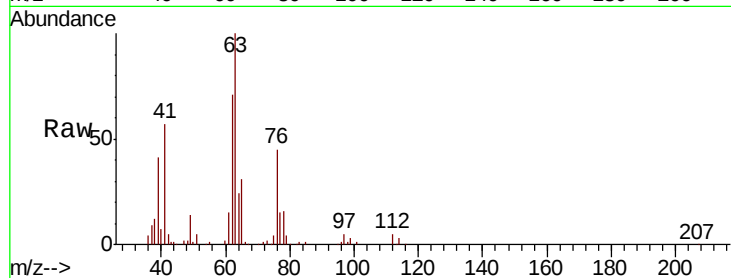
#45
 1,2-Dichloropropane
 Concen: 20.749 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.2	37.8

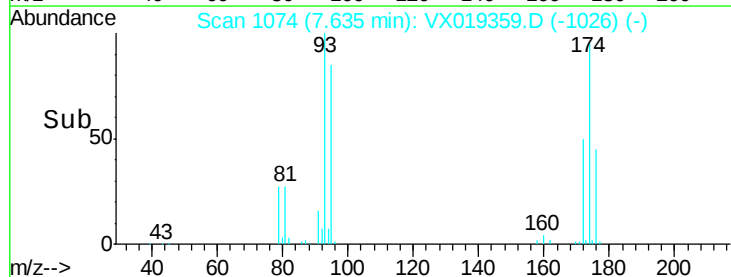
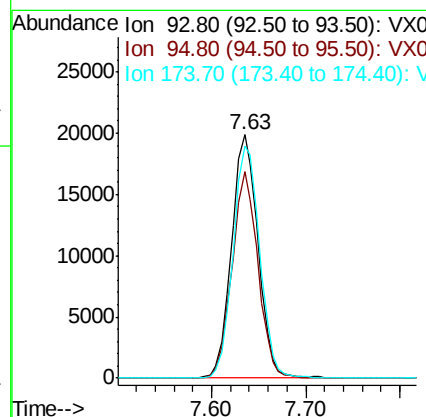
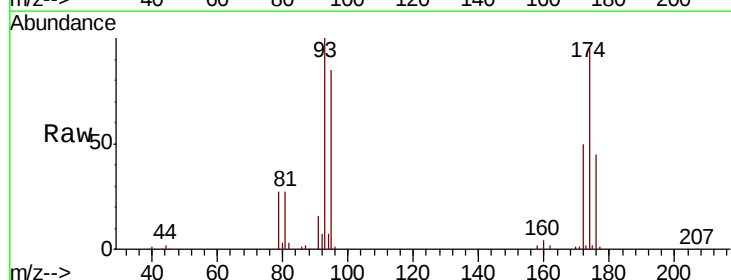
Manual Integrations
 APPROVED

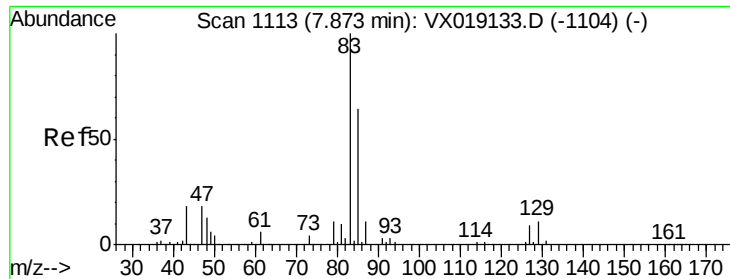
MMDadoda
 11/10/2020 8:57:34 AM



#46
 Dibromomethane
 Concen: 19.372 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.0	100.6
174	96.3	81.7	122.5





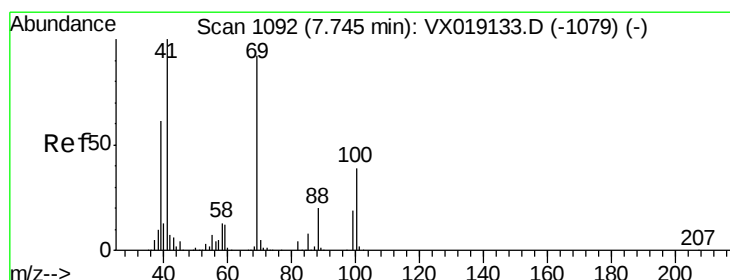
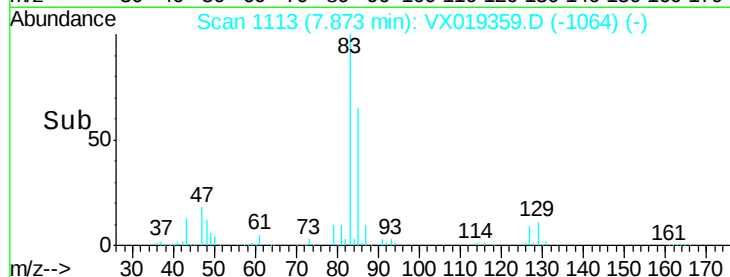
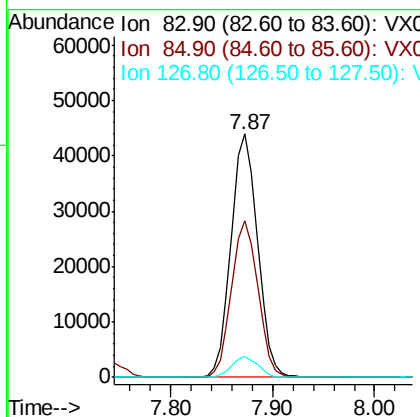
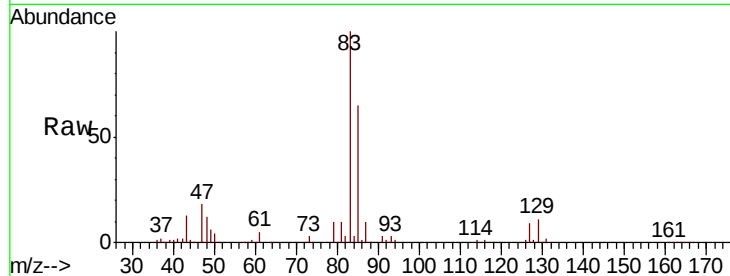
#47
Bromodichloromethane
Concen: 19.993 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	83	Resp	78997
Ion Ratio	100		
Lower	51.2		
Upper	76.8		
85	64.5		
127	8.6		

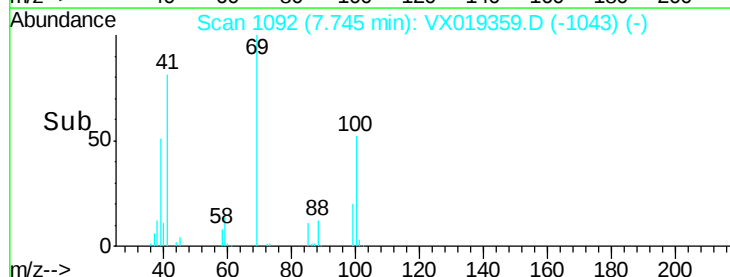
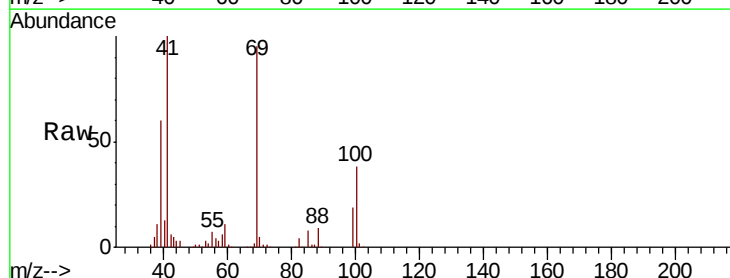
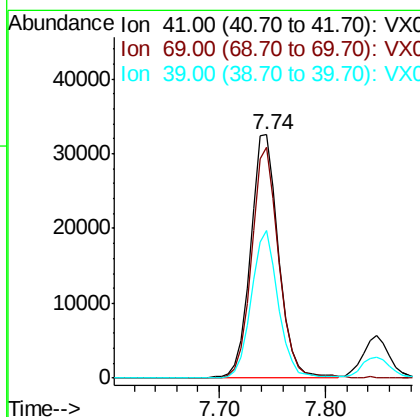
Manual Integrations
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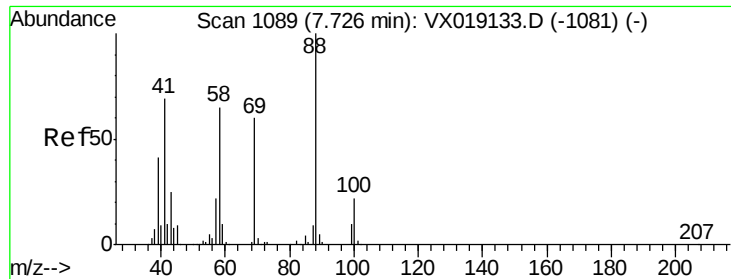
MMDadoda
11/10/2020 8:57:34 AM



#48
Methyl methacrylate
Concen: 20.592 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	41	Resp	60148
Ion Ratio	100		
Lower	75.5		
Upper	113.3		
69	91.1		
39	58.5		





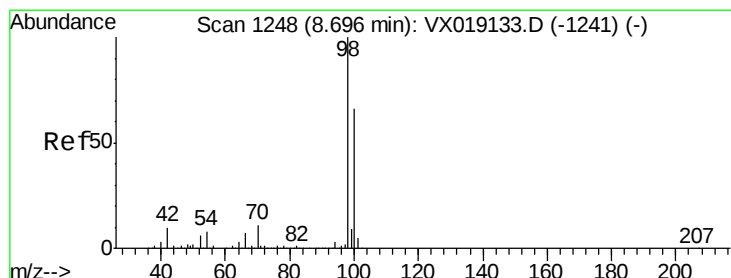
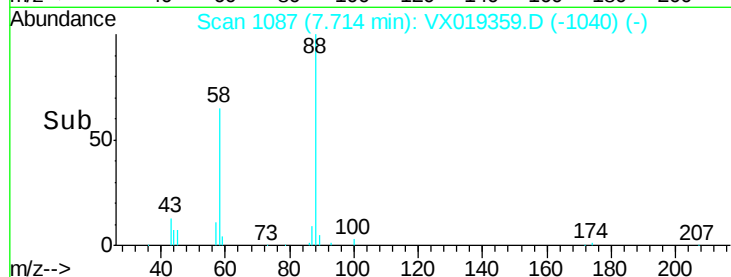
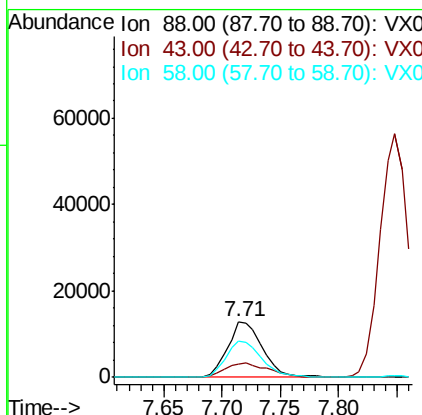
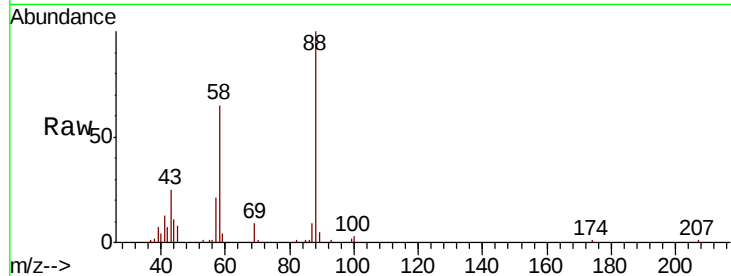
#49
1,4-Dioxane
Concen: 414.969 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	23.0	34.6
58	68.1	52.2	78.2

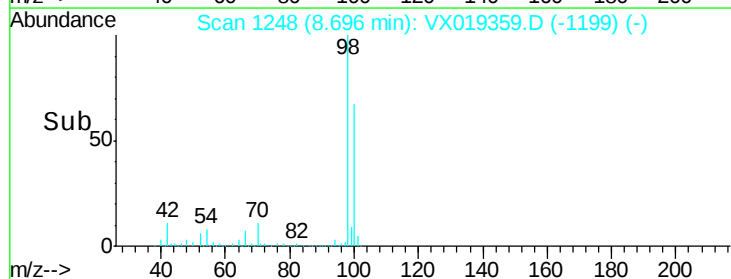
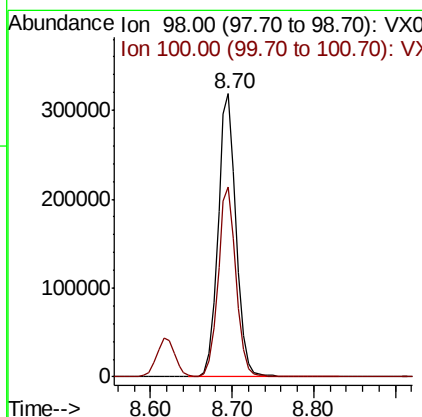
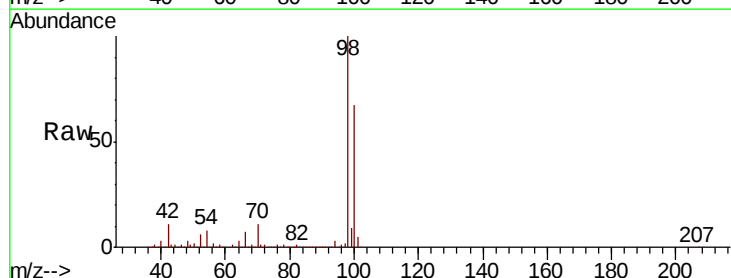
Manual Integrations
APPROVED

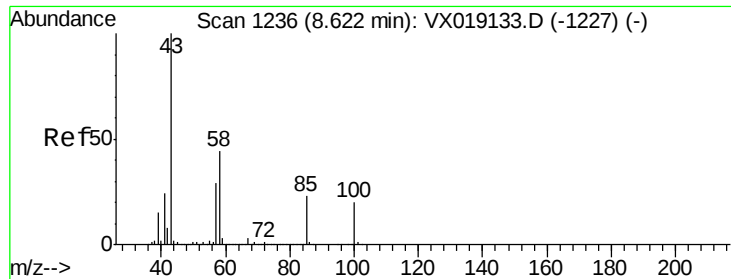
MMDadoda
11/10/2020 8:57:34 AM



#50
Toluene-d8
Concen: 49.202 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 106.557 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampled :

VX1109WBS01

Tot Ion: 43 Resp: 371674

Ion Ratio Lower Upper

43 100

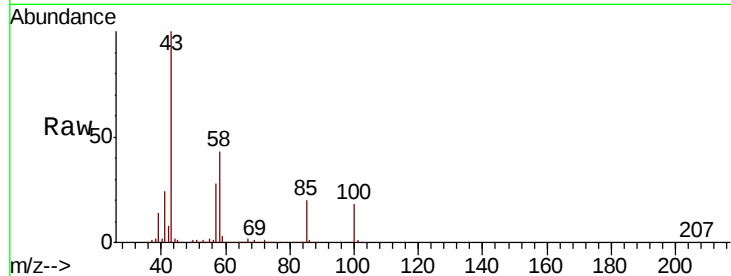
58 42.9 35.0 52.4

Manual Integrations

APPROVED

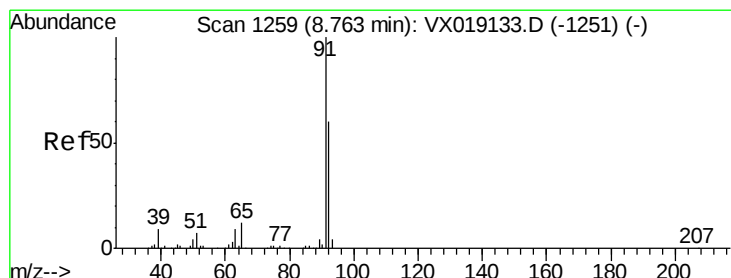
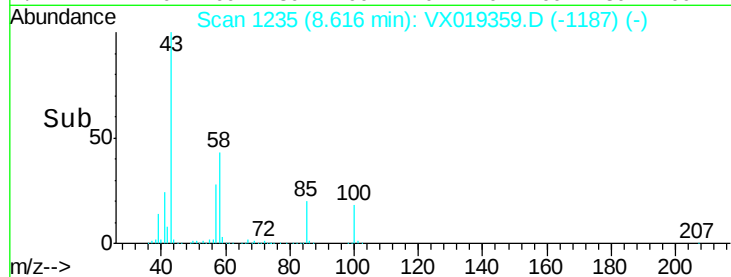
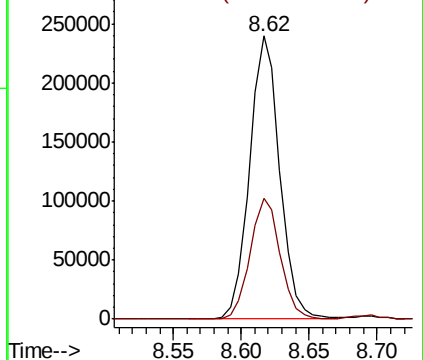
MMDadoda

11/10/2020 8:57:34 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.827 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019359.D

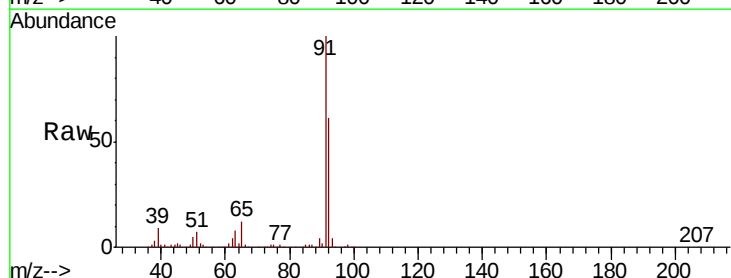
Acq: 09 Nov 2020 11:51

Tgt Ion: 92 Resp: 141333

Ion Ratio Lower Upper

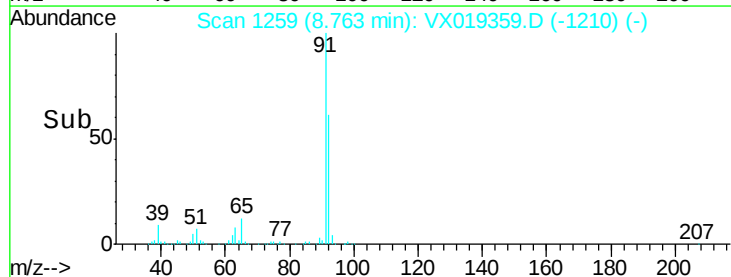
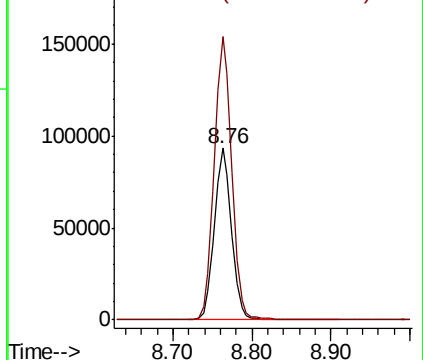
92 100

91 168.9 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.193 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 75 Resp: 86618

Ion Ratio Lower Upper

75 100

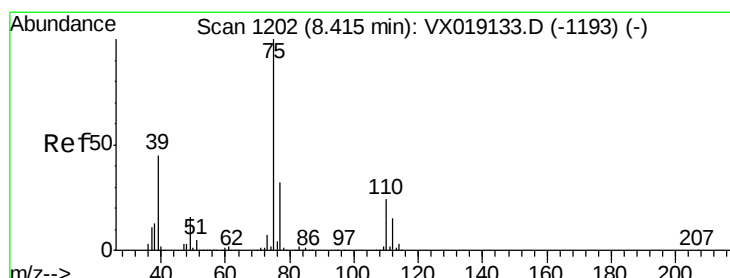
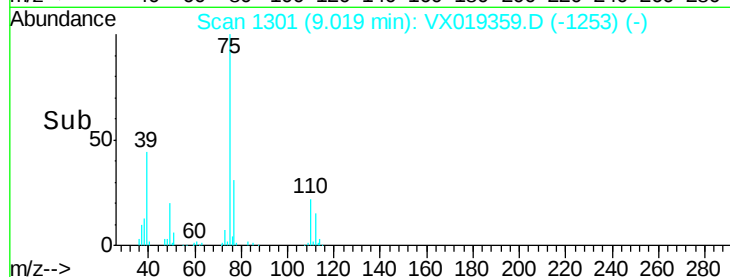
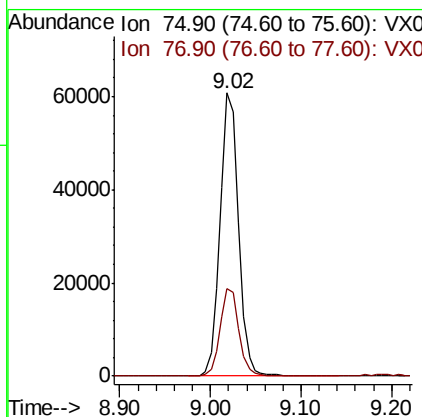
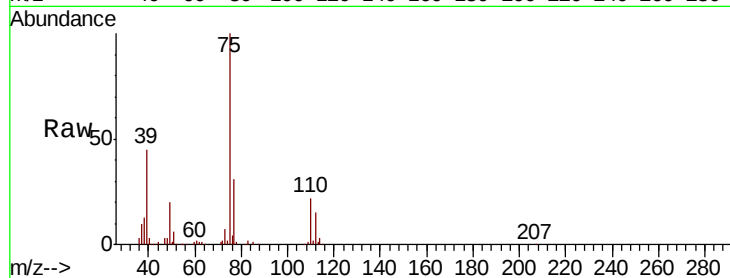
77 31.0 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.798 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

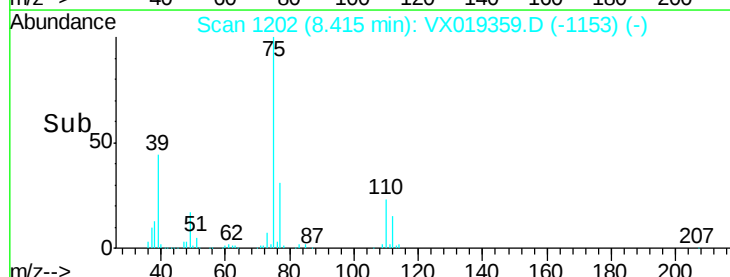
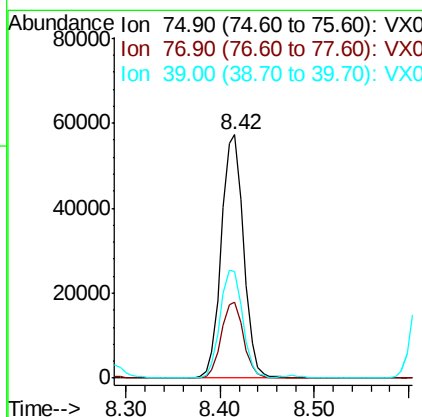
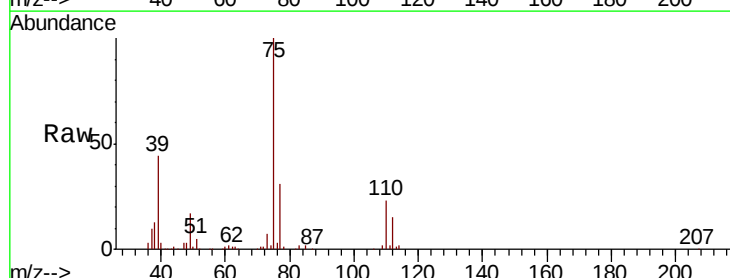
Tgt Ion: 75 Resp: 93954

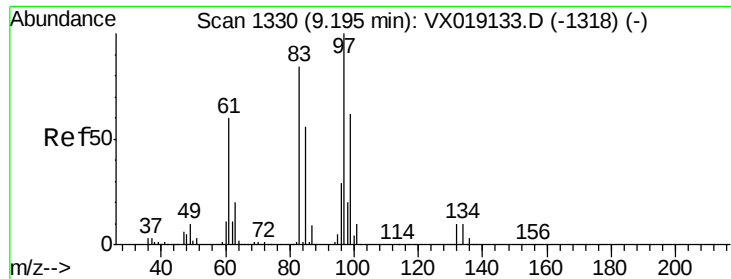
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 43.9 36.2 54.2





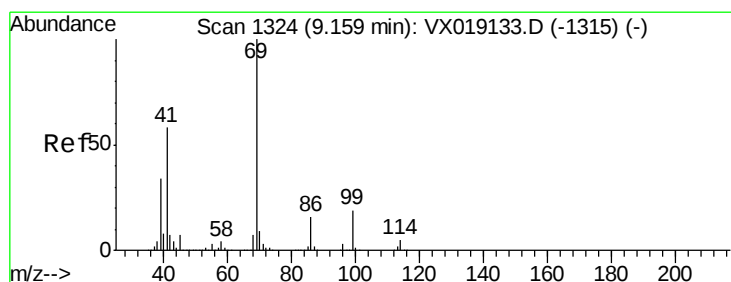
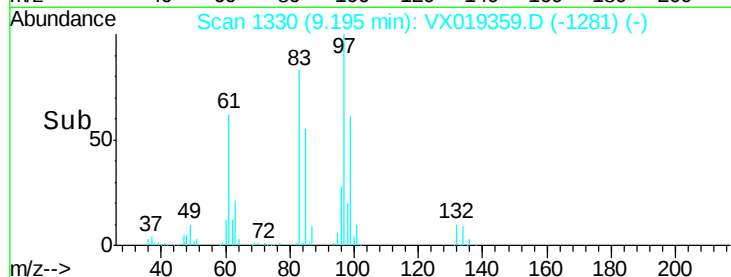
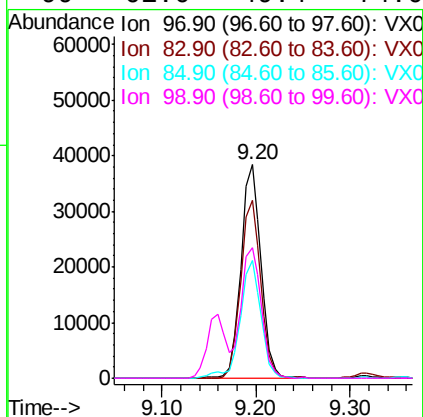
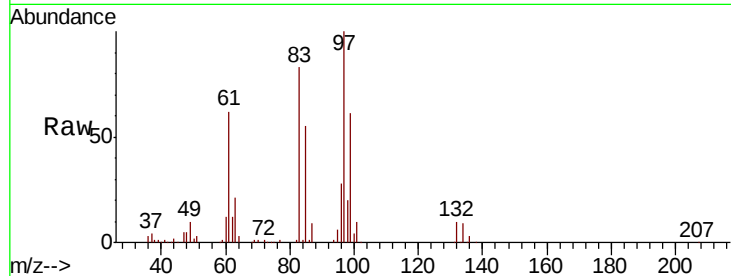
#55
 1,1,2-Trichloroethane
 Concen: 20.027 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion:	97	Resp:	56407
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.2	100.8
85	55.1	44.6	67.0
99	61.0	49.4	74.0

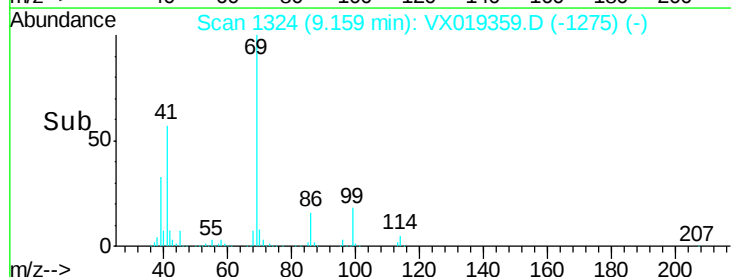
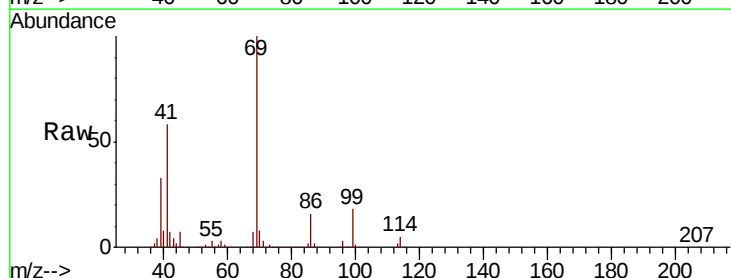
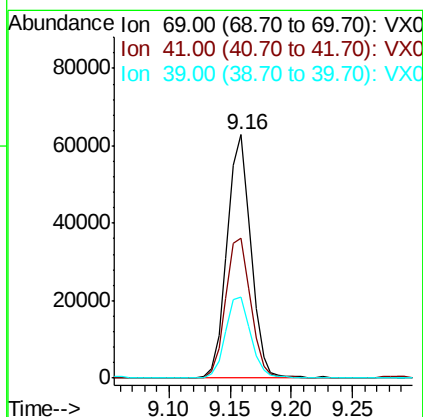
Manual Integrations
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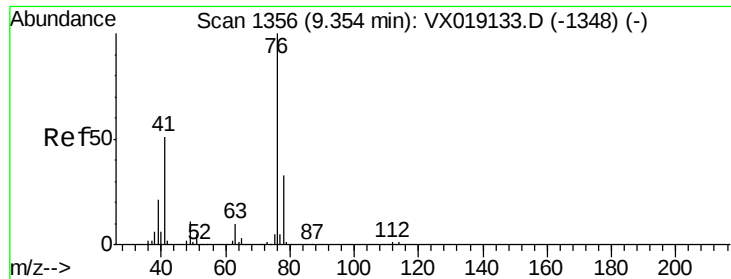
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 11/10/2020 8:57:34 AM



#56
 Ethyl methacrylate
 Concen: 19.932 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion:	69	Resp:	84797
Ion	Ratio	Lower	Upper
69	100		
41	61.1	46.5	69.7
39	35.0	27.6	41.4





#57

1,3-Dichloropropane

Concen: 20.300 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 76 Resp: 96397

Ion Ratio Lower Upper

76 100

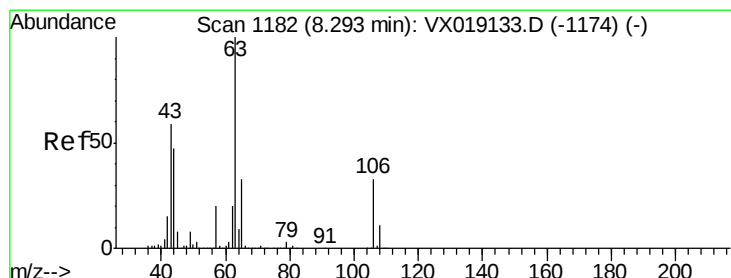
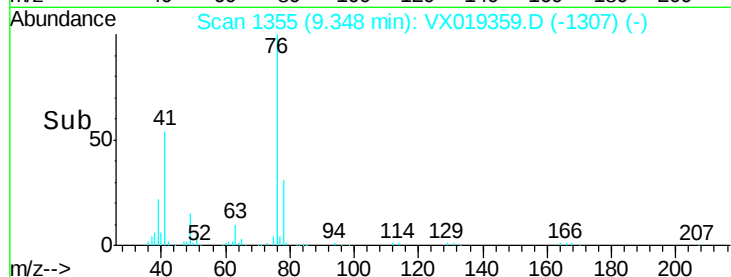
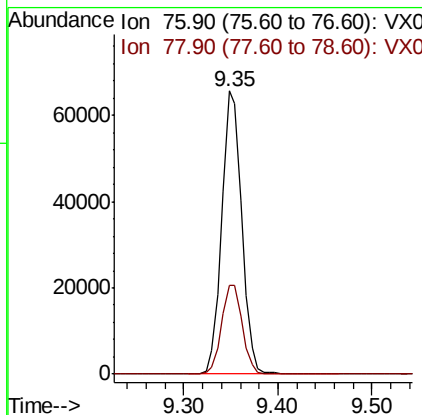
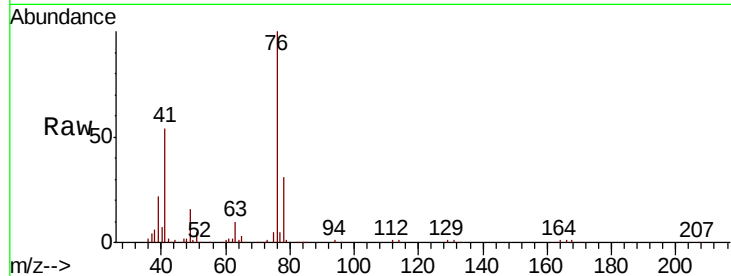
78 32.8 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 94.068 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019359.D

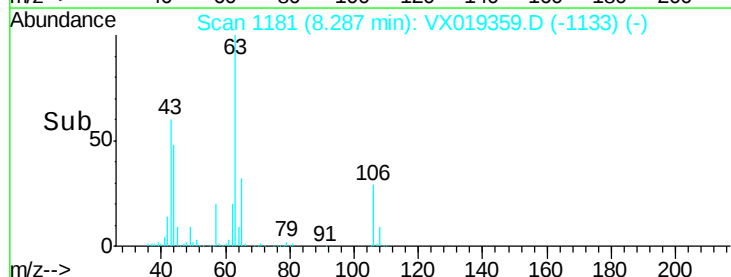
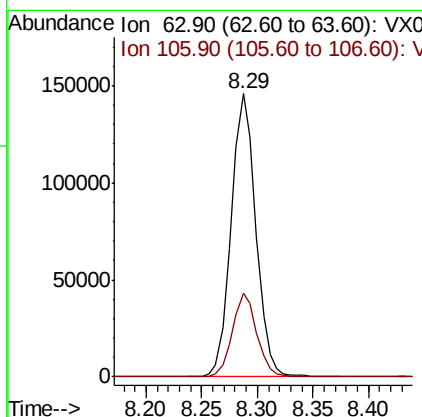
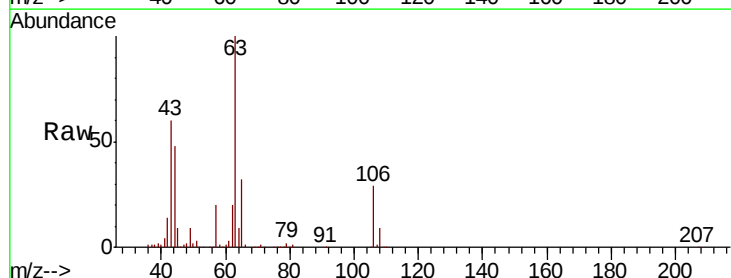
Acq: 09 Nov 2020 11:51

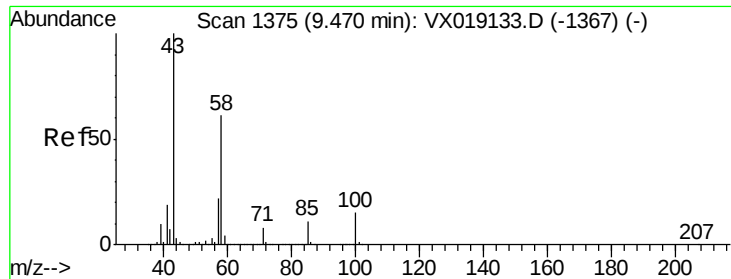
Tgt Ion: 63 Resp: 223812

Ion Ratio Lower Upper

63 100

106 29.1 25.1 37.7





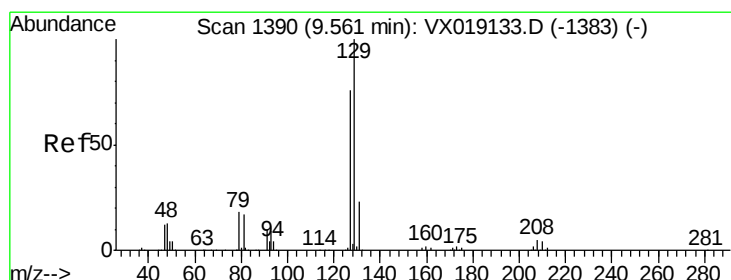
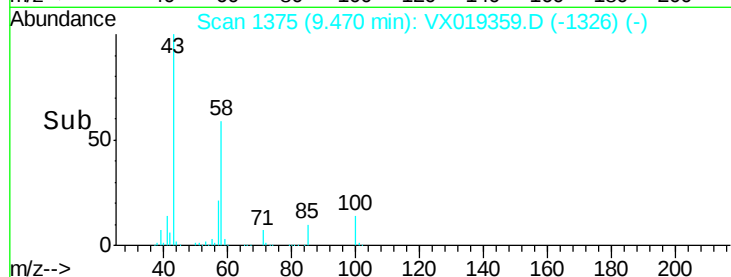
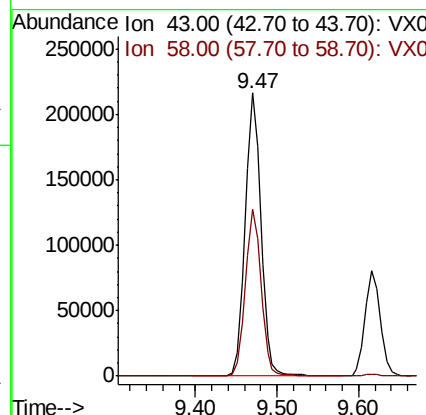
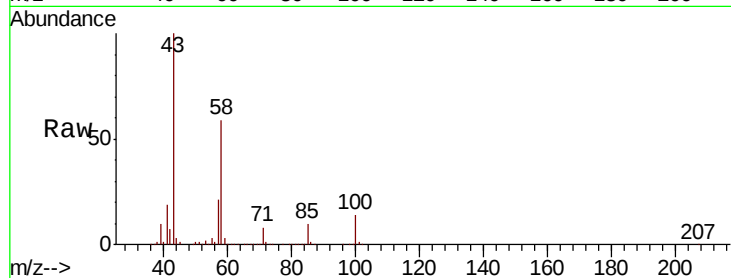
#59
2-Hexanone
Concen: 107.964 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.9	30.5	91.5

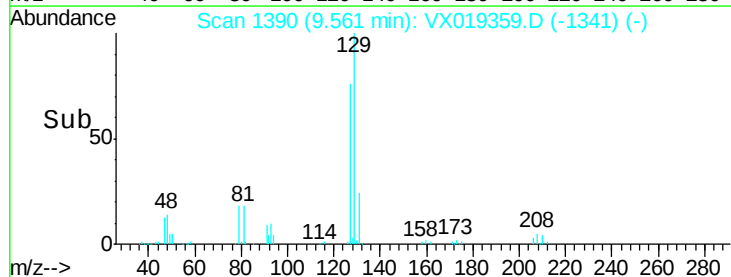
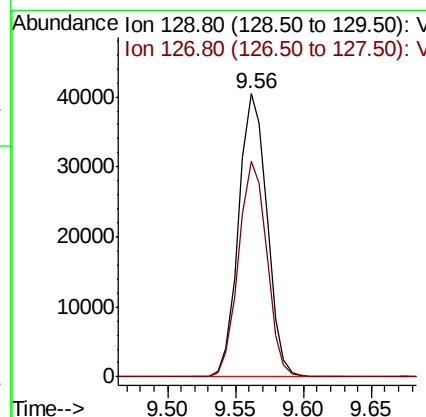
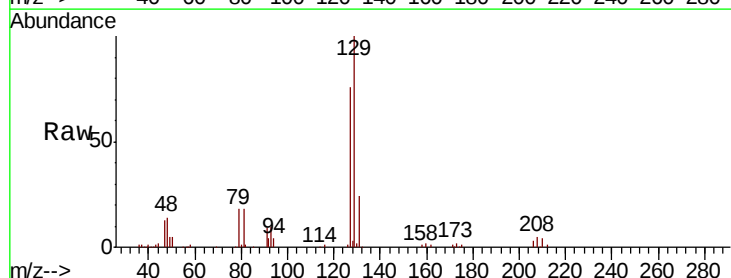
Manual Integrations
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MMDadoda
11/10/2020 8:57:34 AM



#60
Dibromochloromethane
Concen: 19.246 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.8





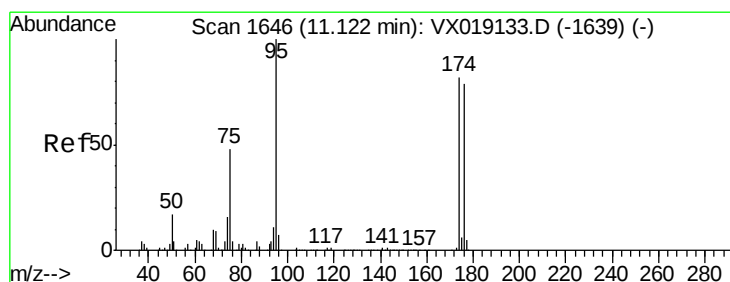
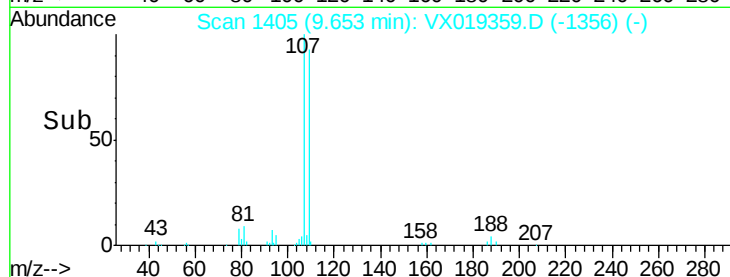
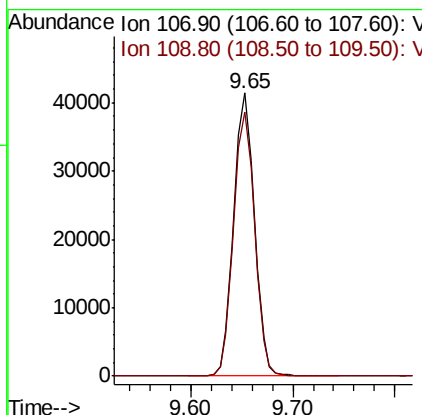
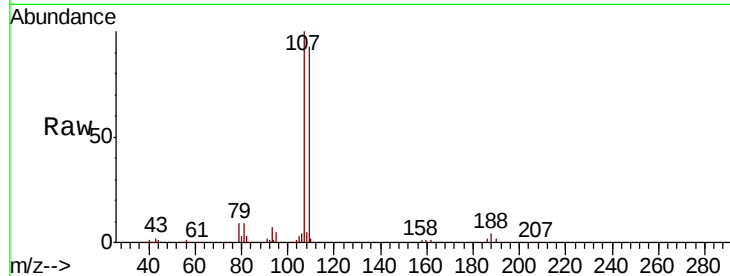
#61
 1,2-Dibromoethane
 Concen: 19.355 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.9	113.9

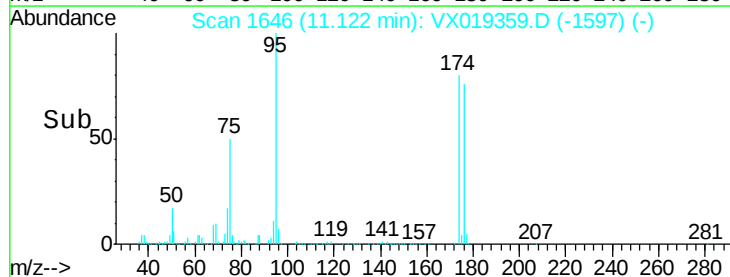
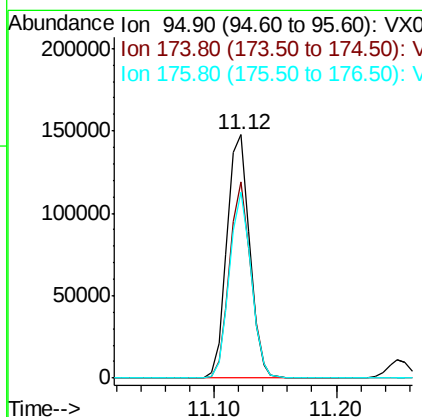
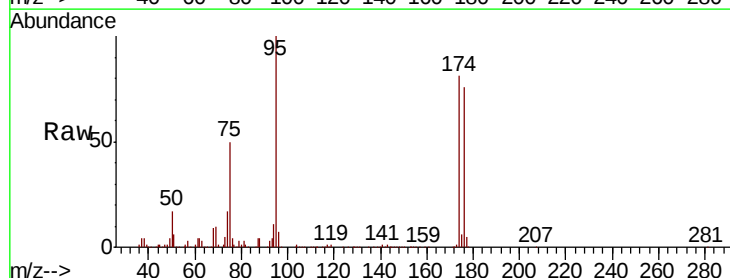
Manual Integrations
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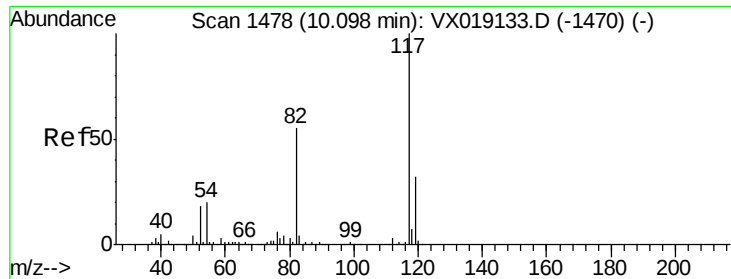
MMDadoda
 11/10/2020 8:57:34 AM



#62
 4-Bromofluorobenzene
 Concen: 49.969 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	156.0
176	73.0	0.0	149.8





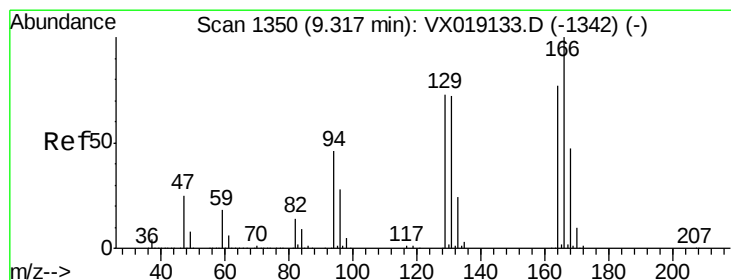
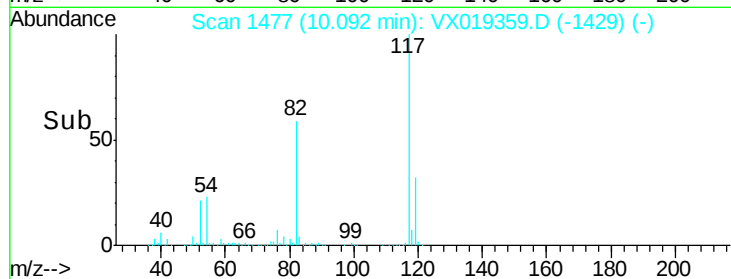
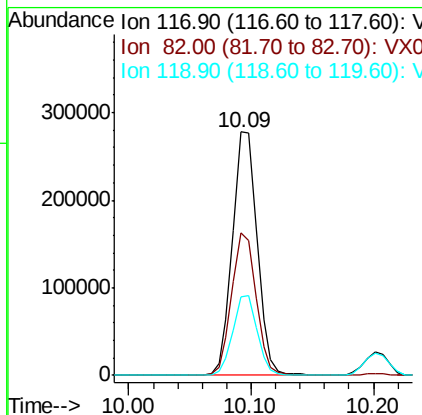
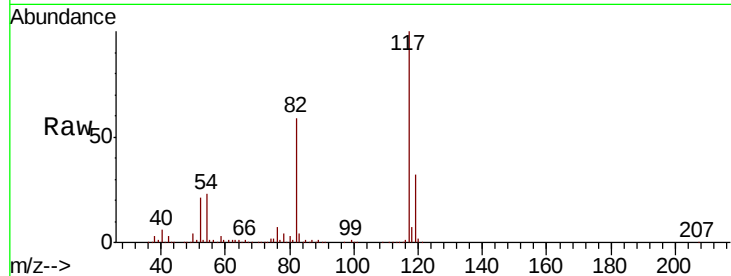
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	388176		
82	58.5	43.6	65.4	
119	32.0	25.5	38.3	

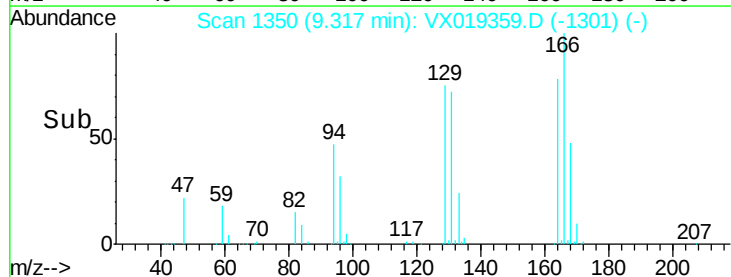
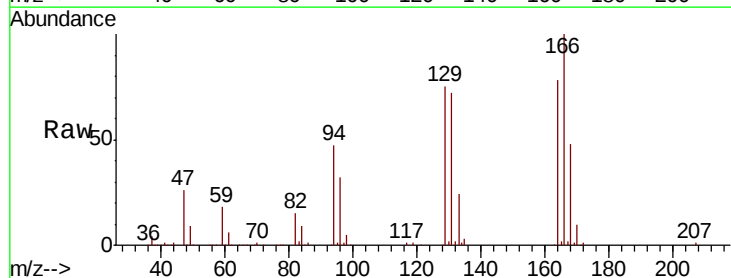
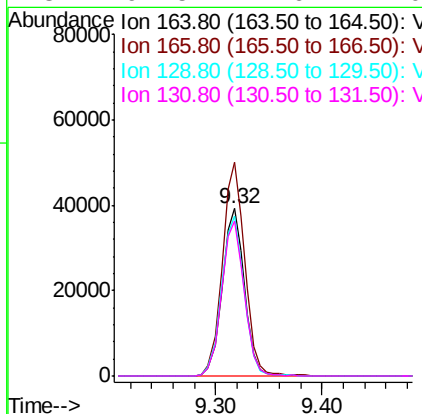
Manual Integrations
APPROVED

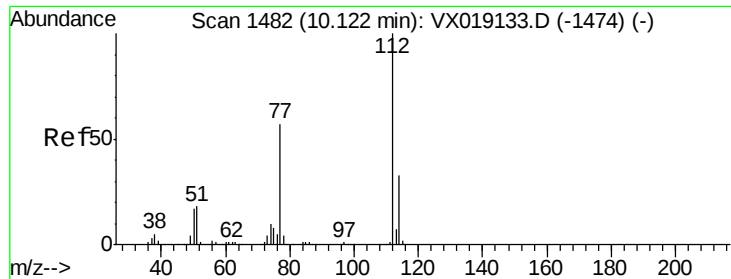
MMDadoda
11/10/2020 8:57:34 AM



#64
Tetrachloroethene
Concen: 19.207 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56804		
166	127.7	104.1	156.1	
129	95.6	76.2	114.4	
131	92.5	74.6	112.0	





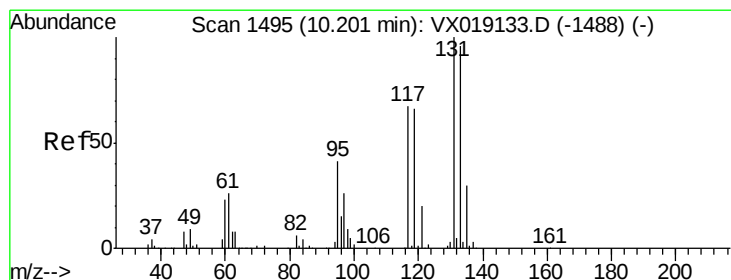
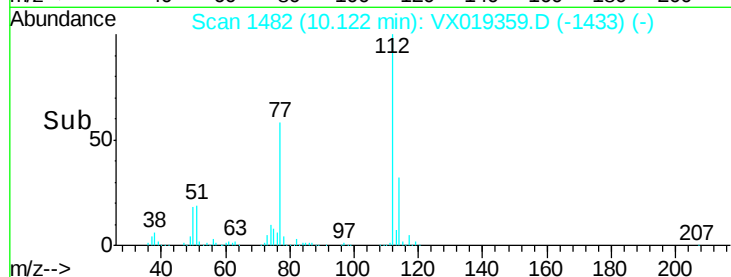
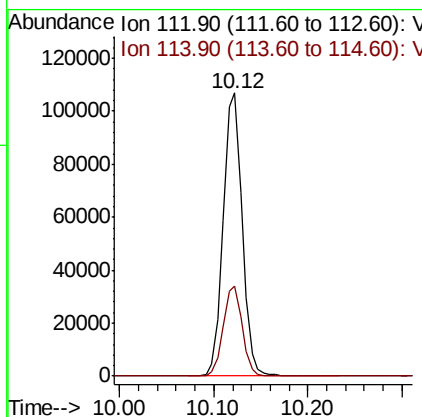
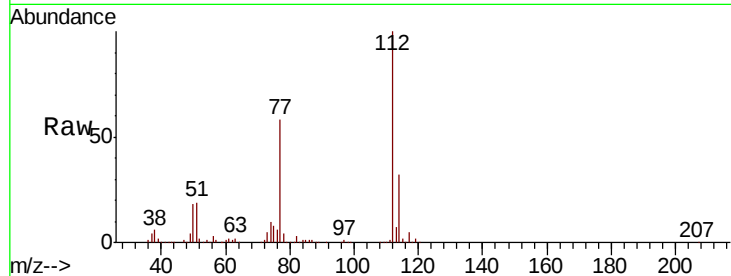
#65
Chlorobenzene
Concen: 18.811 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion:112 Resp: 149243
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1

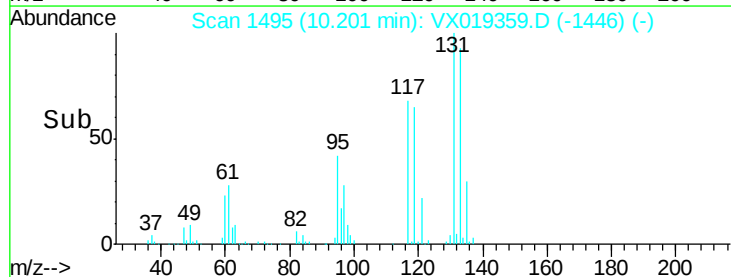
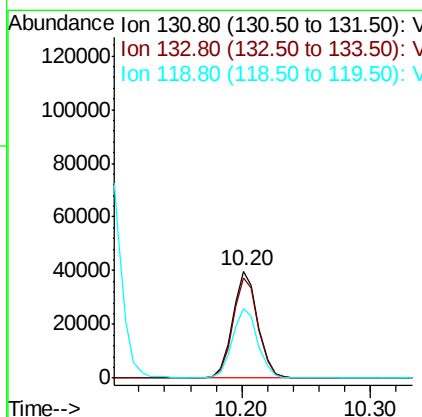
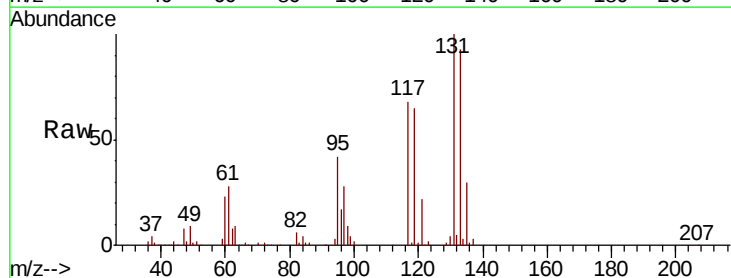
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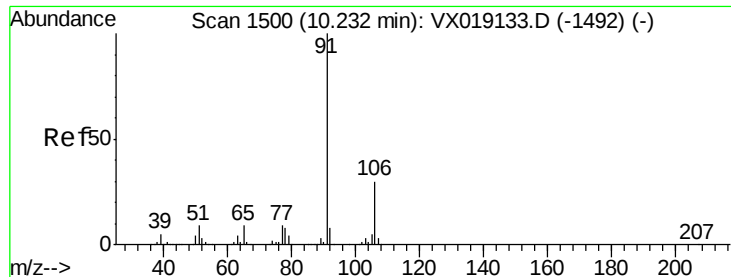
MMDadoda
11/10/2020 8:57:34 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.817 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion:131 Resp: 53745
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 66.3 32.3 96.9





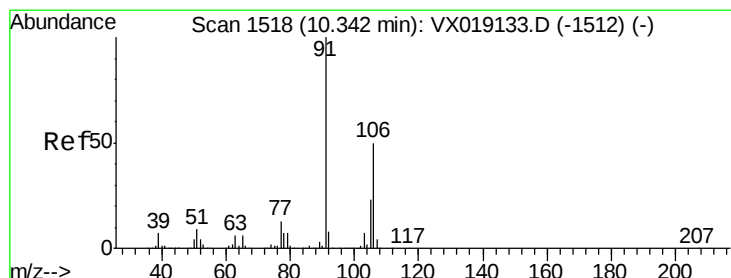
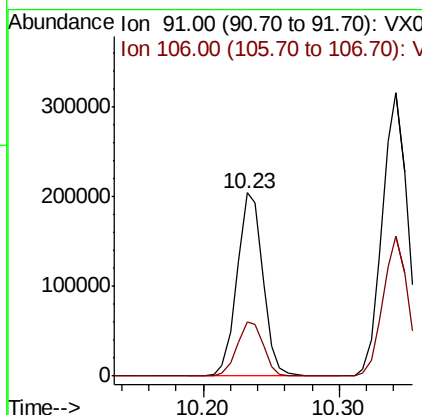
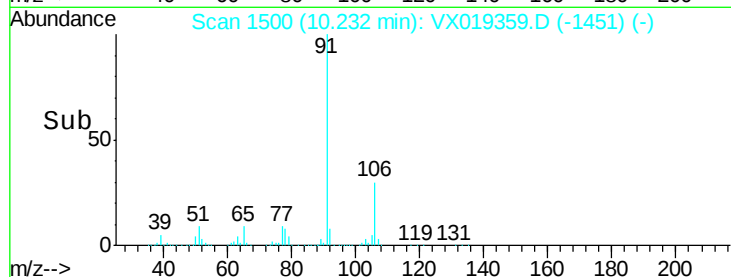
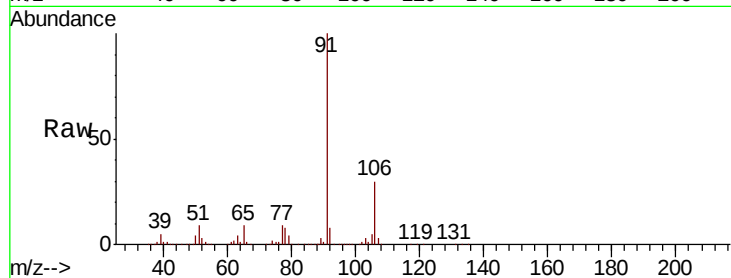
#67
Ethyl Benzene
Concen: 19.151 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 91 Resp: 270745
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

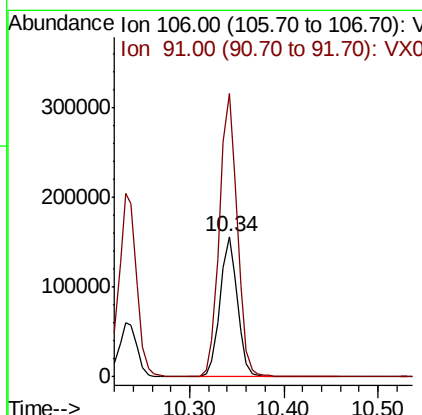
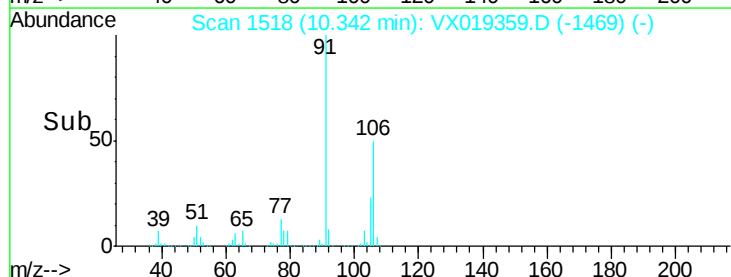
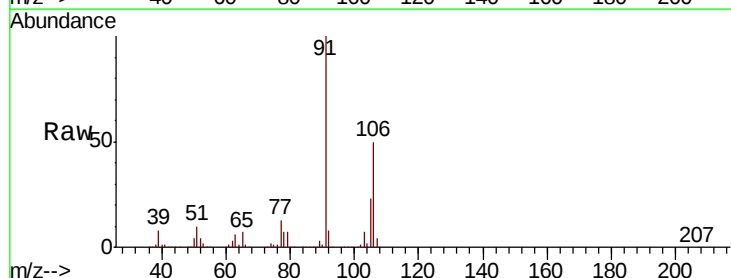
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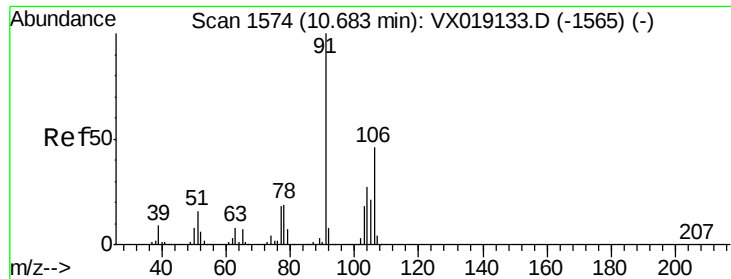
MMDadoda
11/10/2020 8:57:34 AM



#68
m/p-Xylenes
Concen: 38.006 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 106 Resp: 201665
Ion Ratio Lower Upper
106 100
91 206.1 161.0 241.4





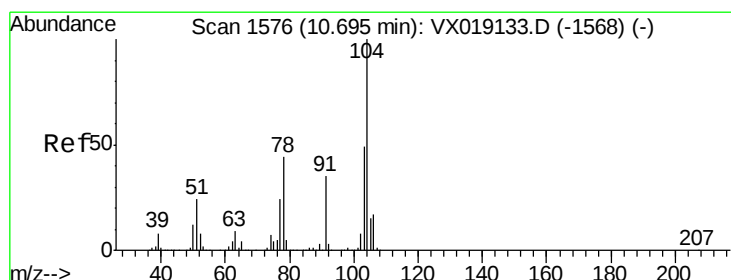
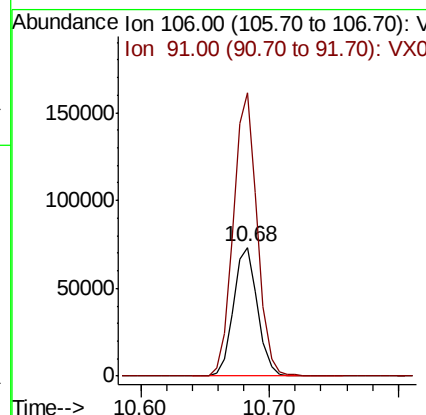
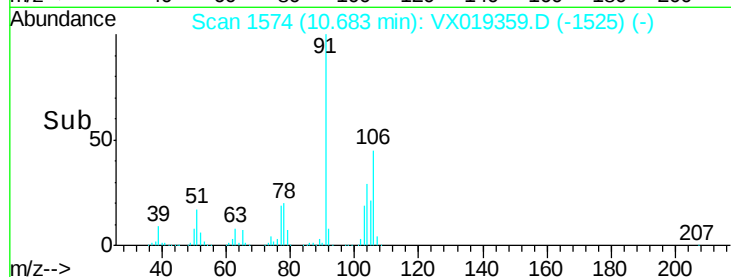
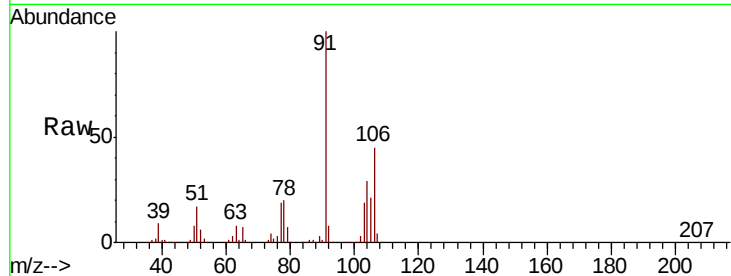
#69
o-Xylene
Concen: 19.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	95933		
91	91	218.8	108.3	324.8	

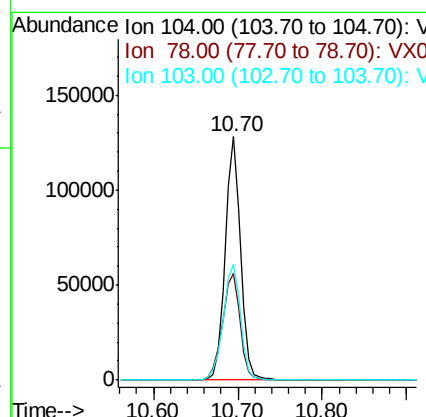
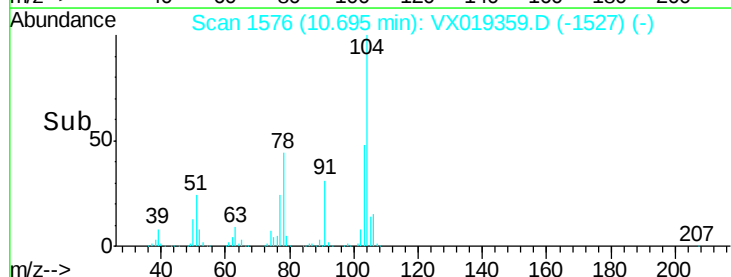
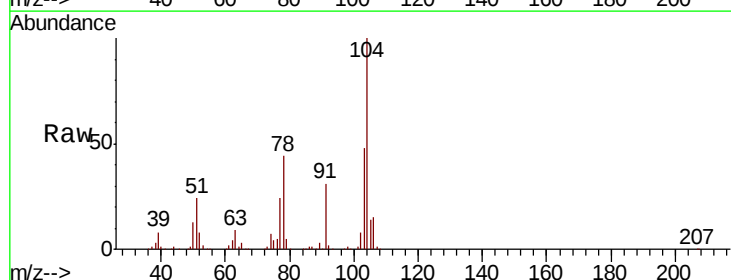
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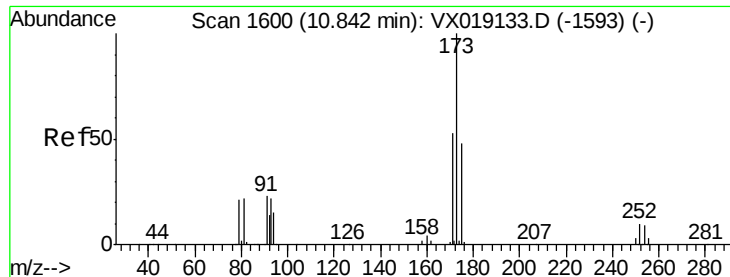
MMDadoda
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#70
Styrene
Concen: 18.905 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	162338		
78	78	50.8	40.0	60.0	
103	103	53.9	43.5	65.3	





#71

Bromoform

Concen: 17.888 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:173 Resp: 40509

Ion Ratio Lower Upper

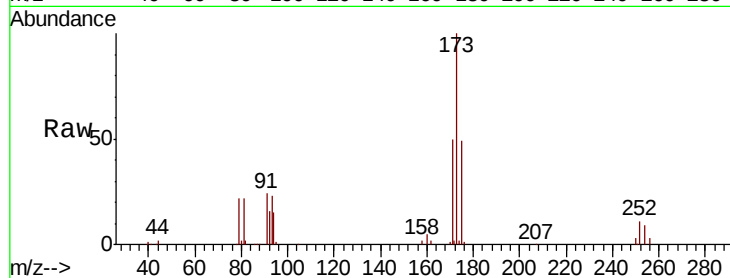
173 100

175 47.4 24.4 73.4

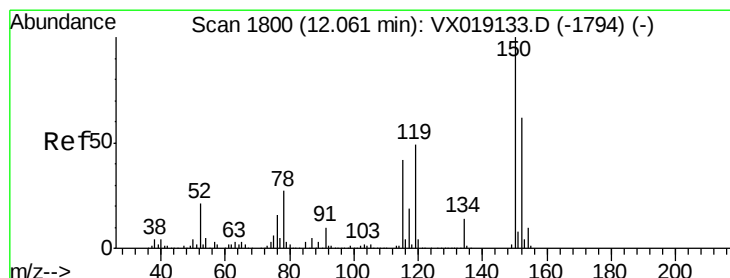
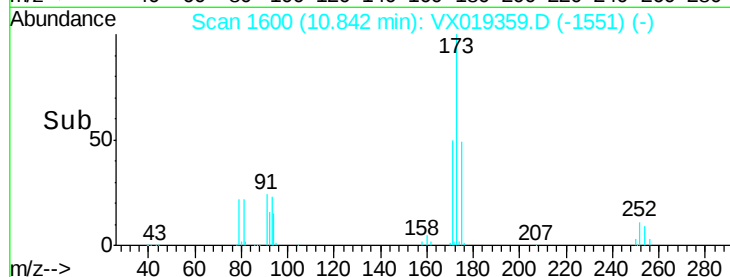
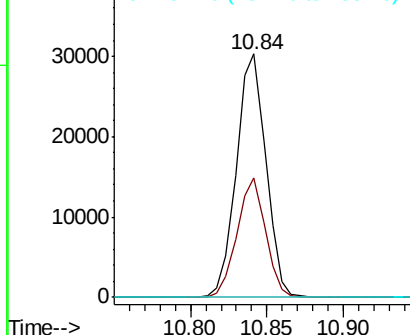
254 0.0 0.1 0.1#

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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: VX019359.D

Acq: 09 Nov 2020 11:51

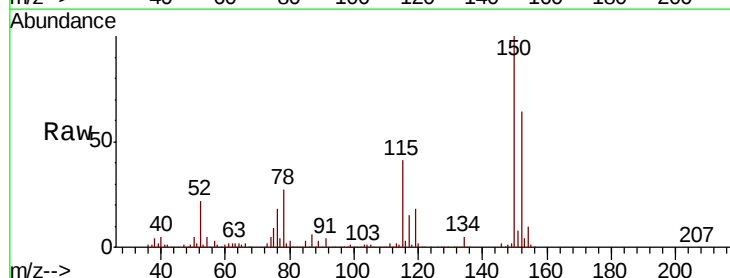
Tgt Ion:152 Resp: 196404

Ion Ratio Lower Upper

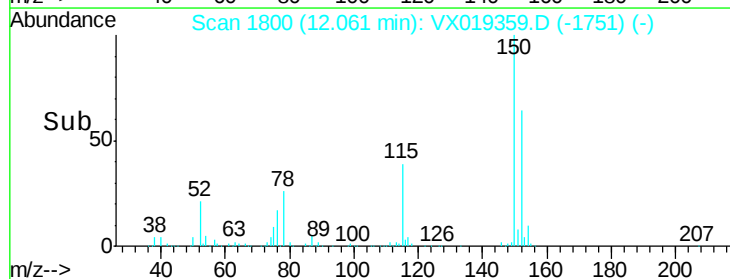
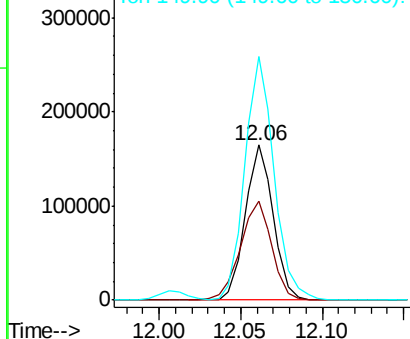
152 100

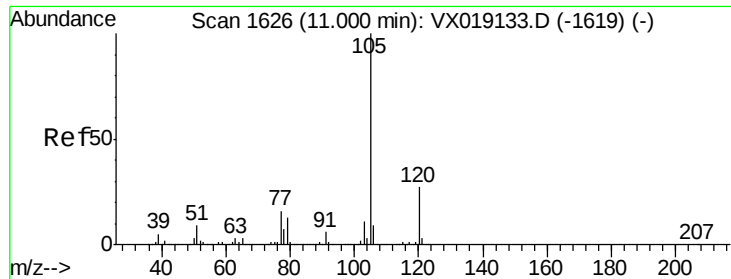
115 71.3 41.9 125.7

150 163.9 0.0 347.8



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





#73

Isopropylbenzene

Concen: 19.087 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 105 Resp: 265363

Ion Ratio Lower Upper

105 100

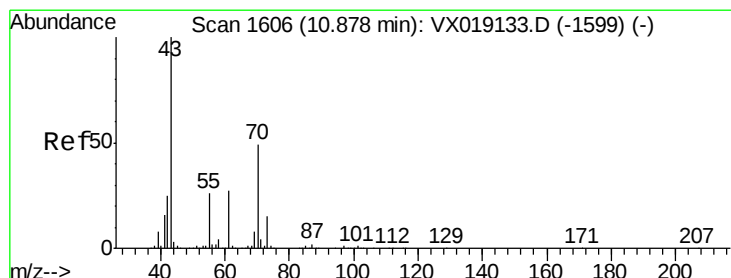
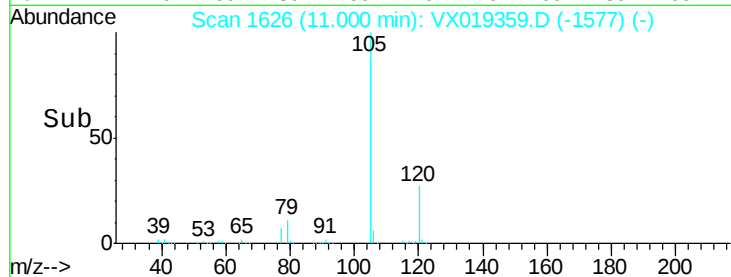
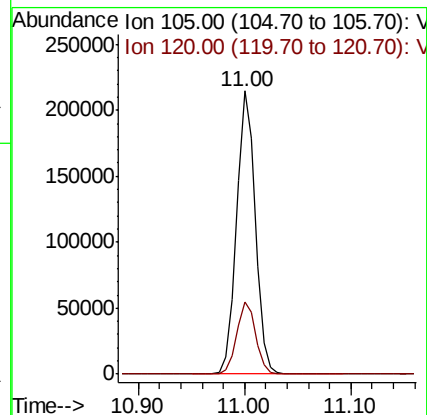
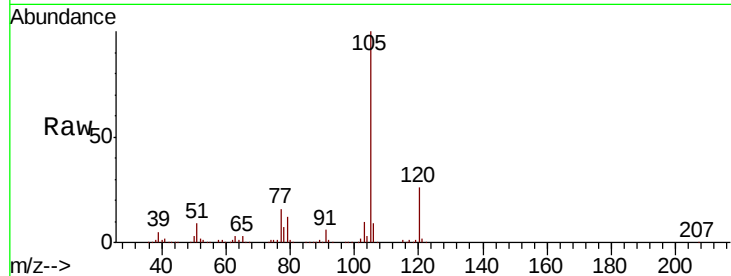
120 25.7 13.3 39.8

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#74

N-ethyl acetate

Concen: 19.591 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion: 43 Resp: 99584

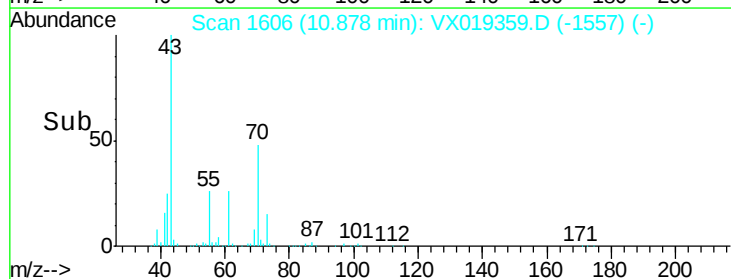
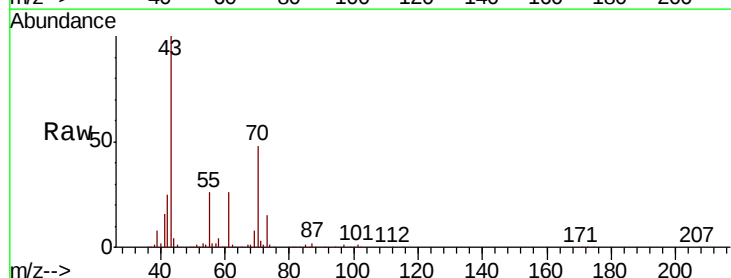
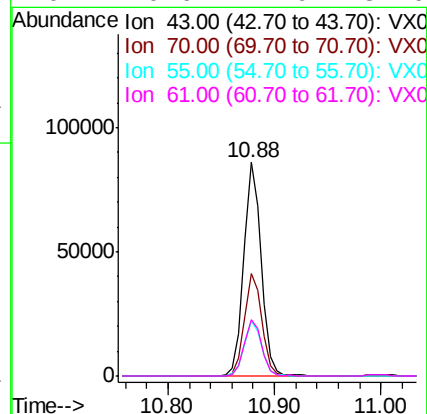
Ion Ratio Lower Upper

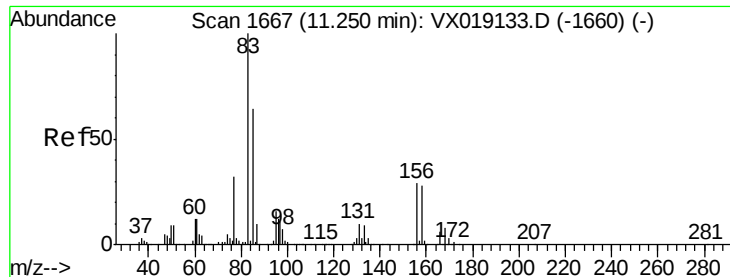
43 100

70 48.0 39.6 59.4

55 26.0 20.7 31.1

61 26.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.748 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 83 Resp: 85802

Ion Ratio Lower Upper

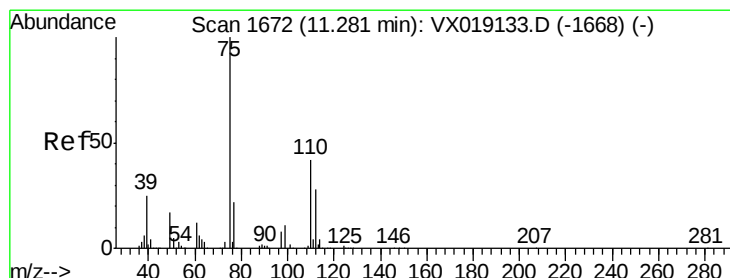
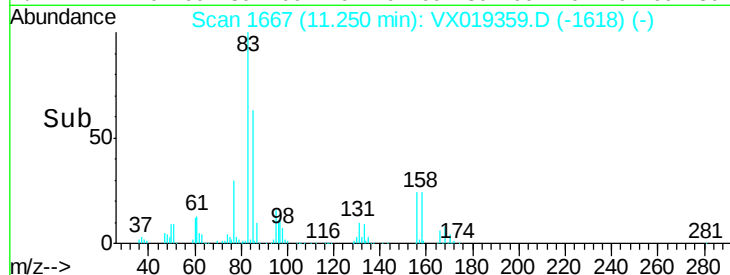
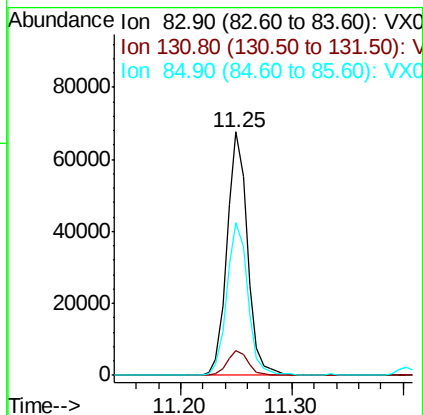
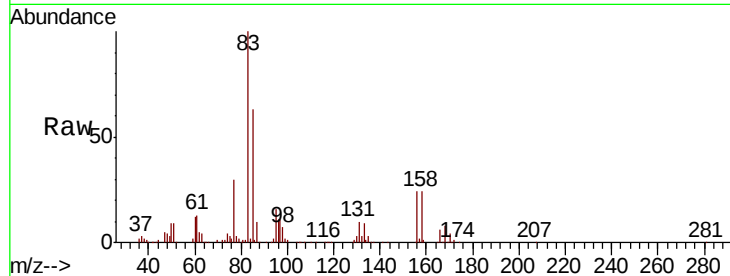
83 100

131 10.3 5.2 15.6

85 64.2 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 20.422 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019359.D

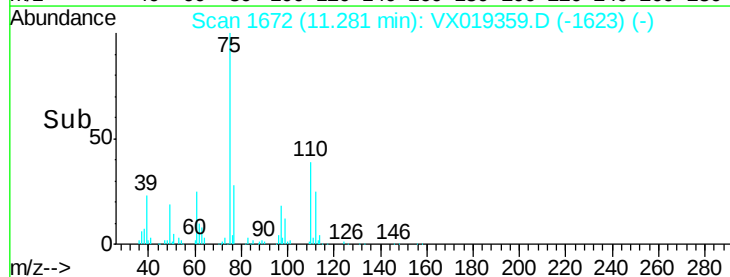
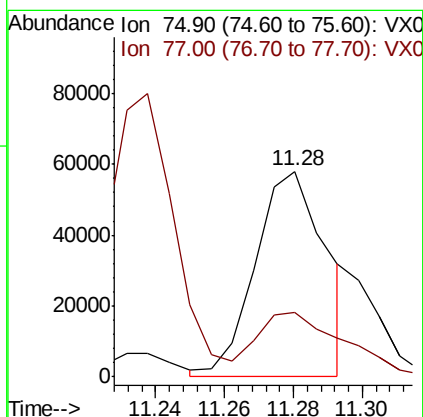
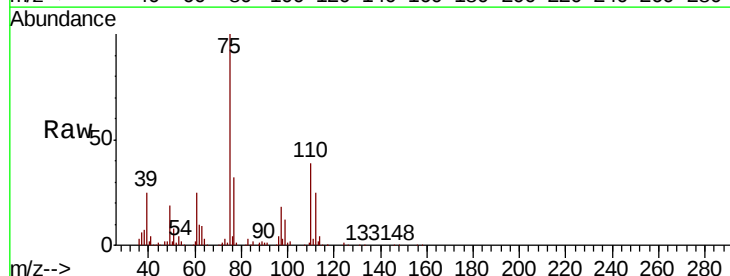
Acq: 09 Nov 2020 11:51

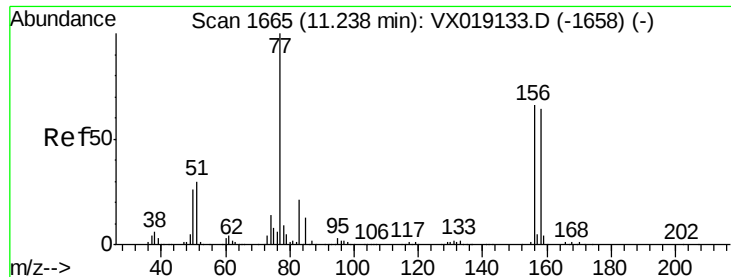
Tgt Ion: 75 Resp: 82817

Ion Ratio Lower Upper

75 100

77 38.3 20.3 60.9





#77

Bromobenzene

Concen: 17.928 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:156 Resp: 61859

Ion Ratio Lower Upper

156 100

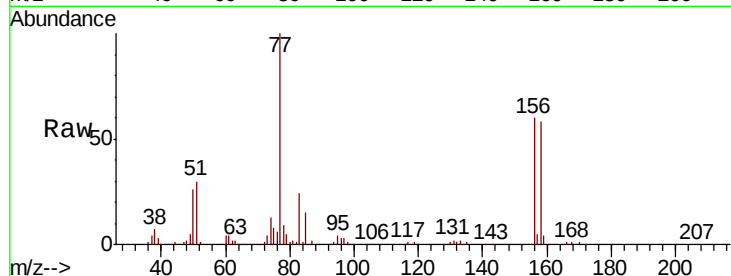
77 172.8 77.7 233.1

158 97.8 48.3 144.8

Manual Integrations
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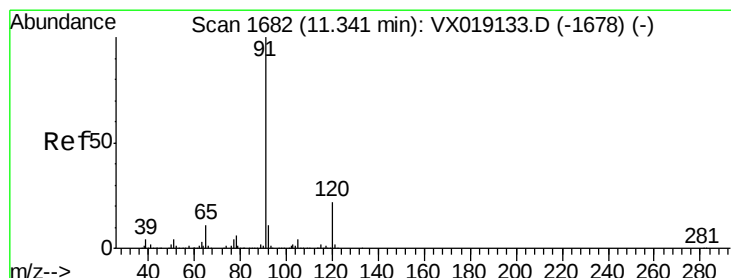
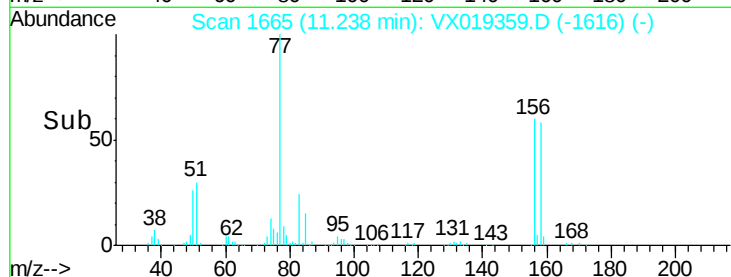
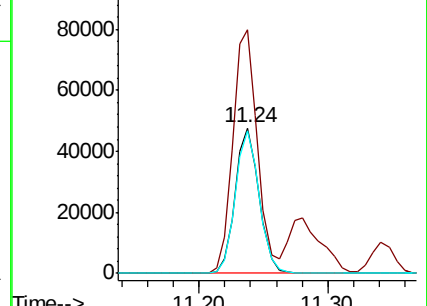
11/10/2020 8:57:34 AM



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: 19.329 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019359.D

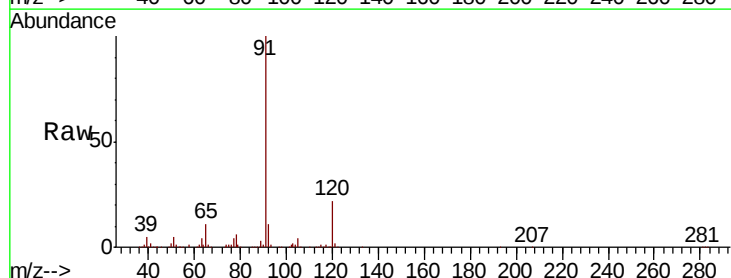
Acq: 09 Nov 2020 11:51

Tgt Ion: 91 Resp: 306753

Ion Ratio Lower Upper

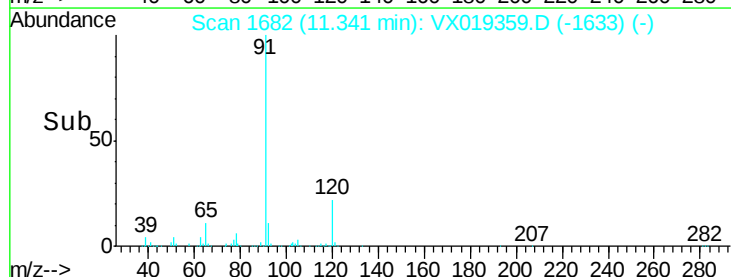
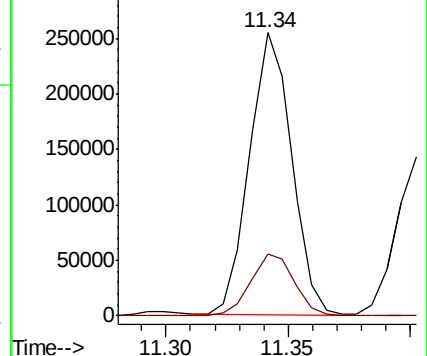
91 100

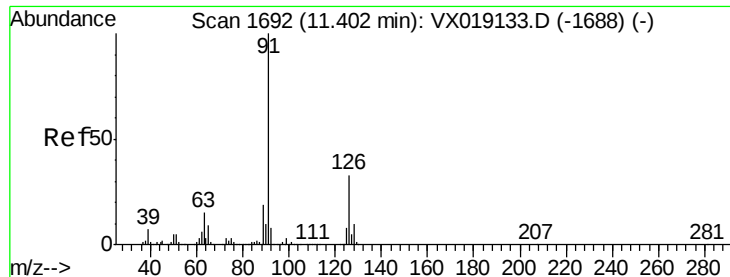
120 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





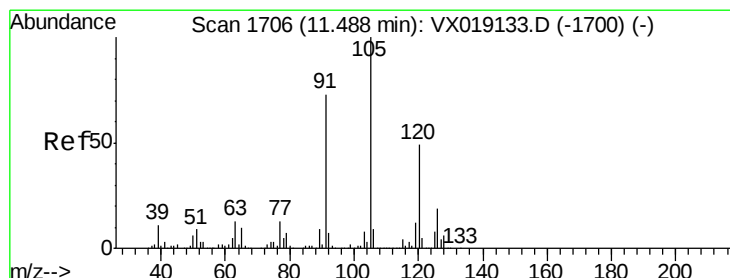
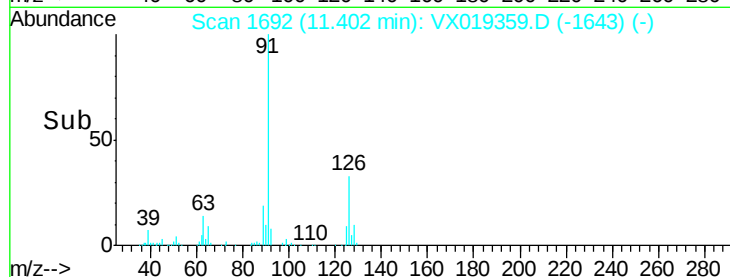
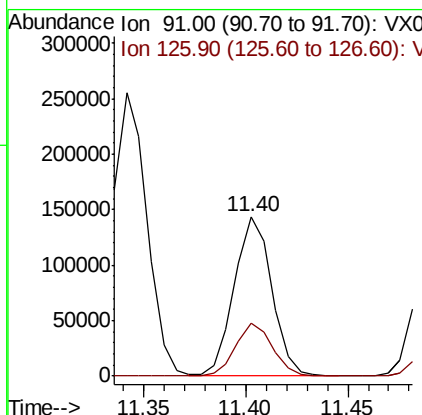
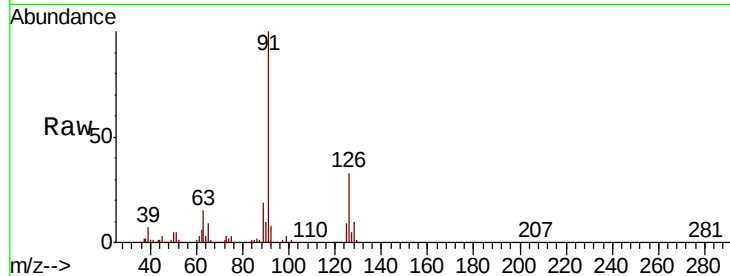
#79
 2-Chlorotoluene
 Concen: 19.492 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion: 91 Resp: 182124
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.9 50.7

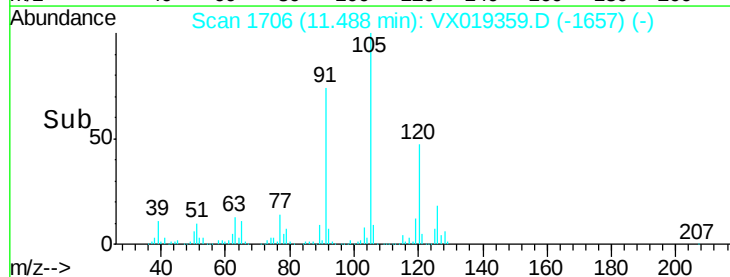
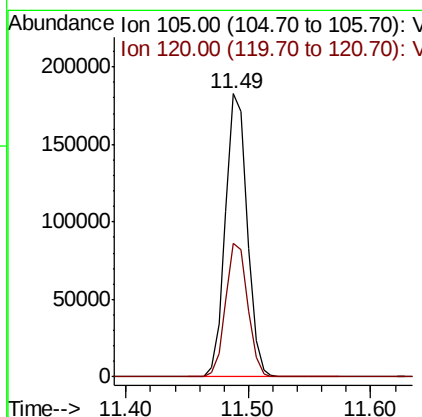
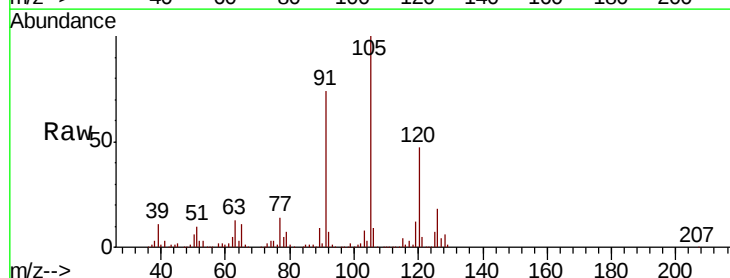
Manual Integrations
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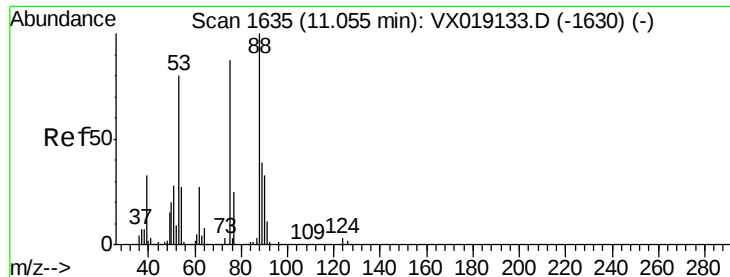
MMDadoda
 11/10/2020 8:57:34 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.147 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 105 Resp: 224883
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.411 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

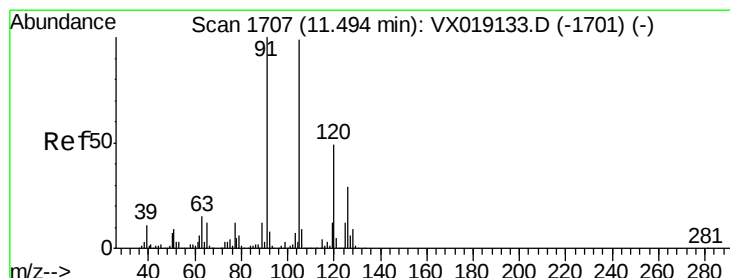
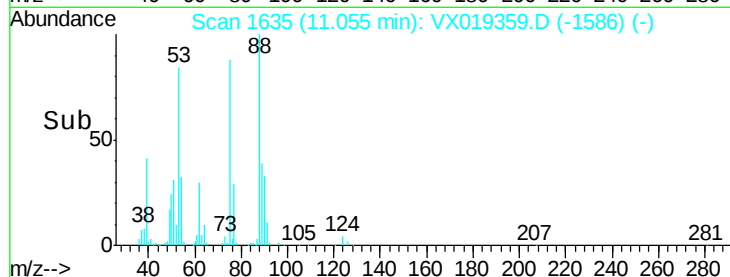
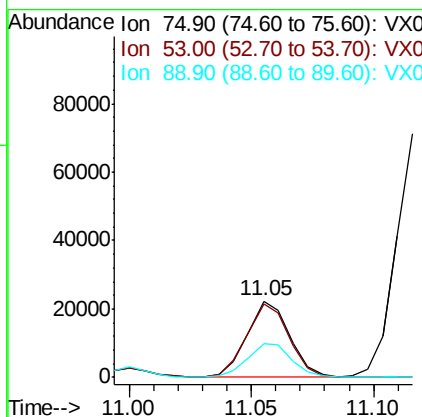
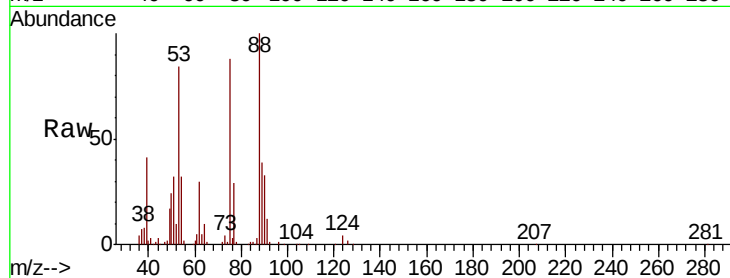
ClientSampleId :

VX1109WBS01

Tot Ion:	75	Resp:	26817
Ion	Ratio	Lower	Upper
75	100		
53	99.5	73.3	109.9
89	46.8	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.972 ug/l

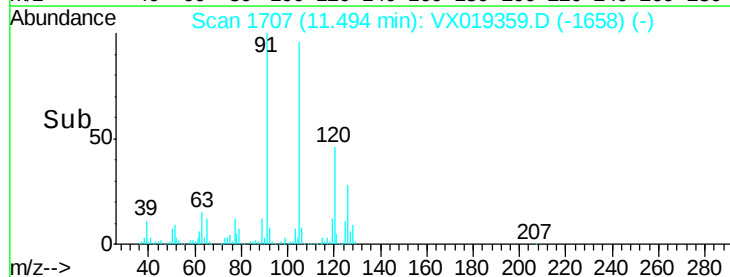
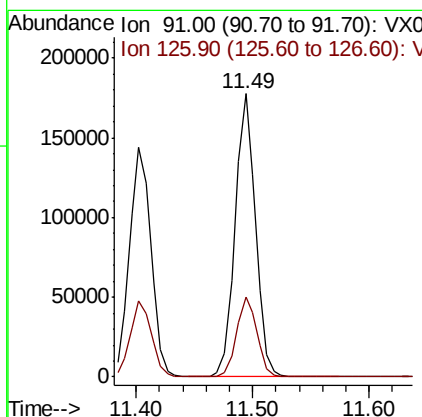
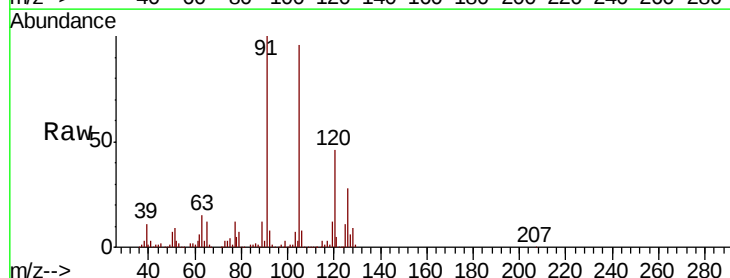
RT: 11.49 min Scan# 1707

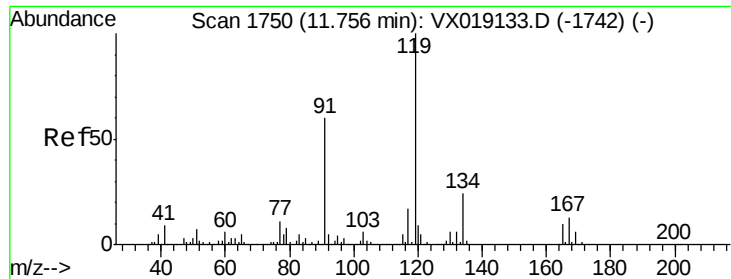
Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion:	91	Resp:	216466
Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.8	44.4





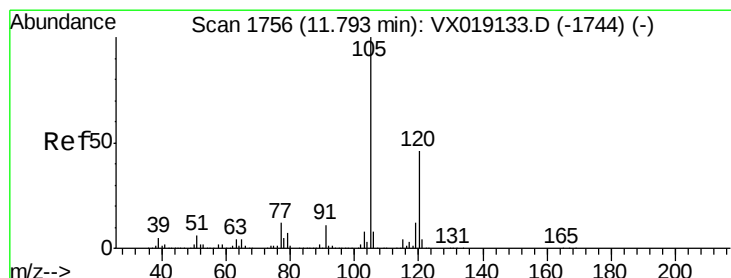
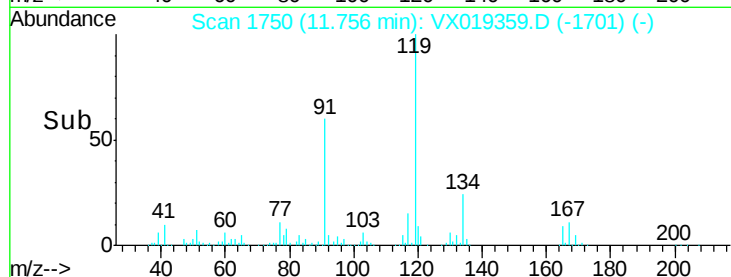
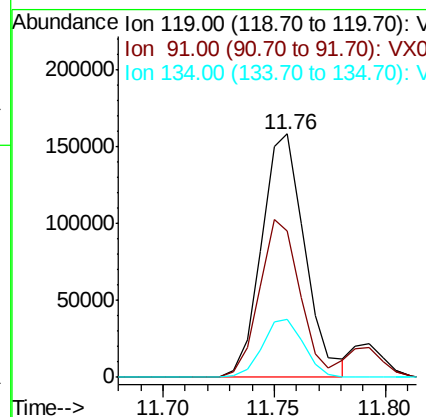
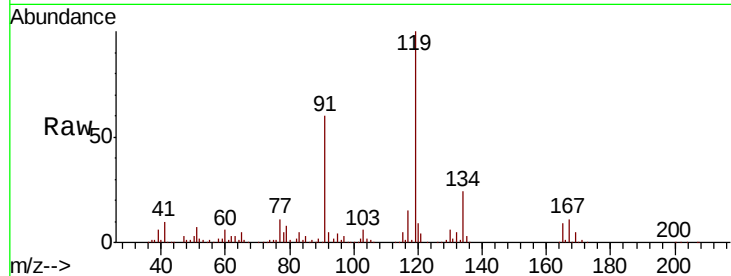
#83
tert-Butylbenzene
Concen: 19.036 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.0	87.1
134	22.9	11.7	35.0

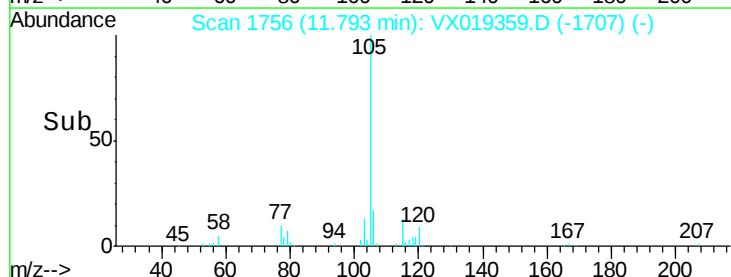
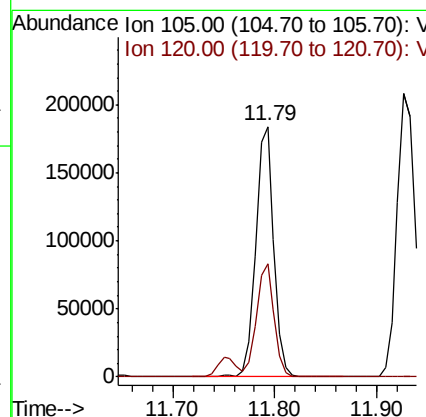
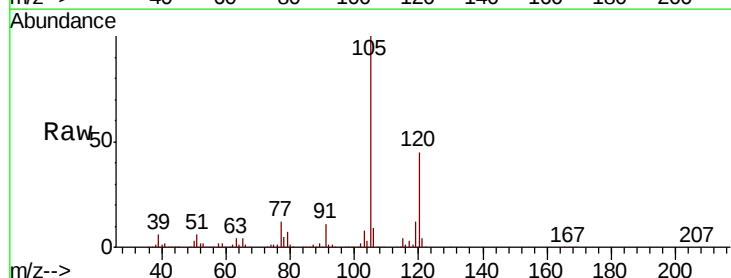
Manual Integrations
APPROVED

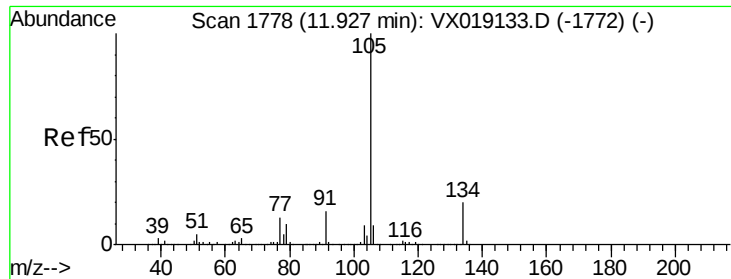
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.164 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.3





#85

sec-Butylbenzene

Concen: 19.086 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:105 Resp: 257422

Ion Ratio Lower Upper

105 100

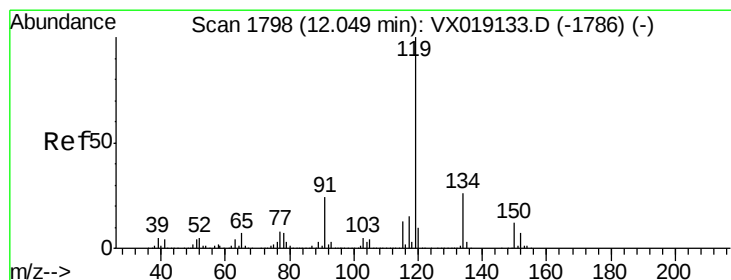
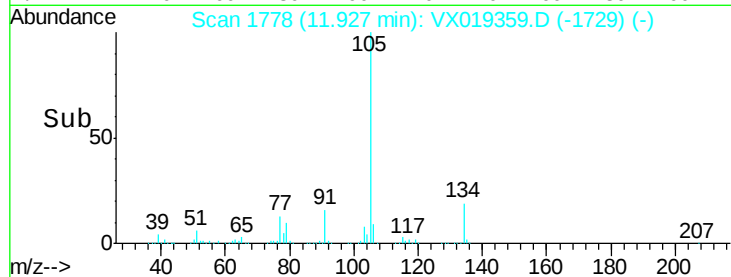
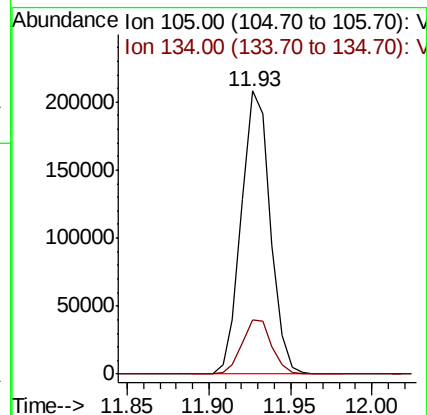
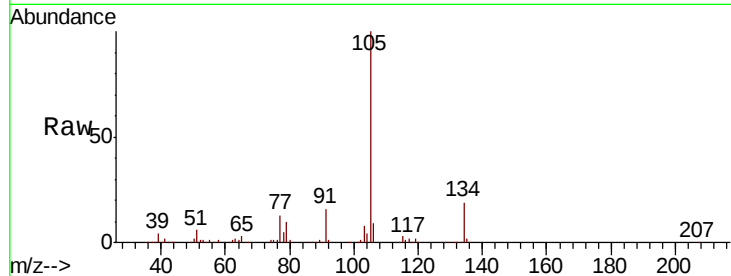
134 19.6 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.937 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

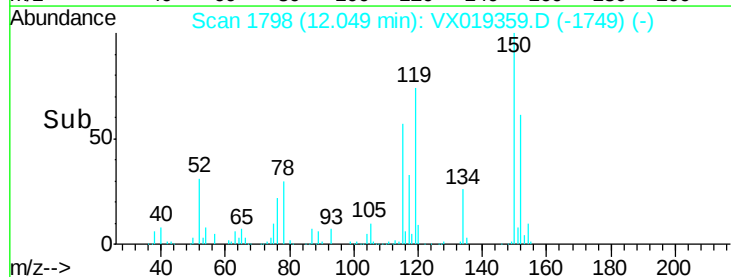
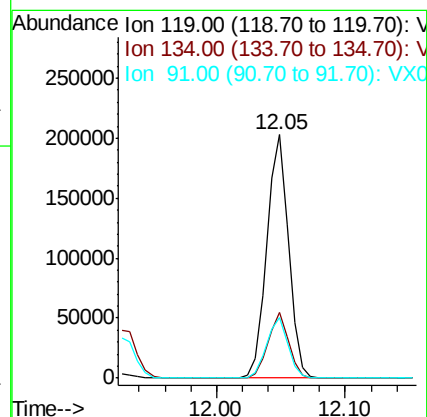
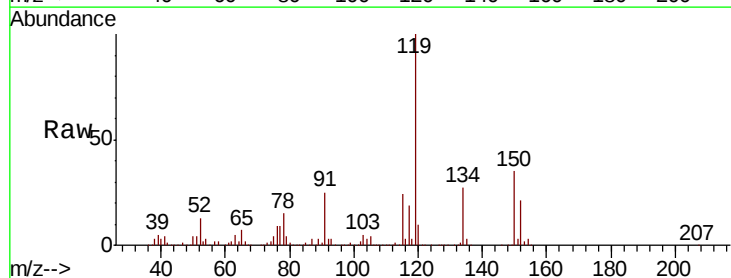
Tgt Ion:119 Resp: 235749

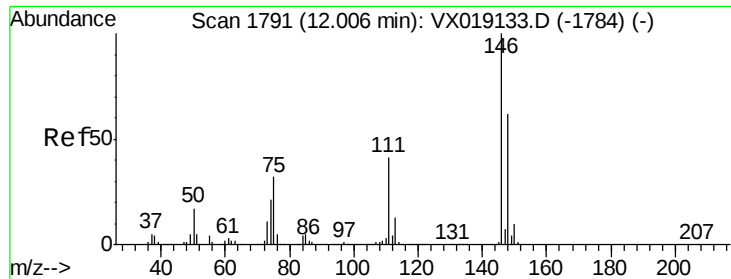
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.5 12.0 36.0





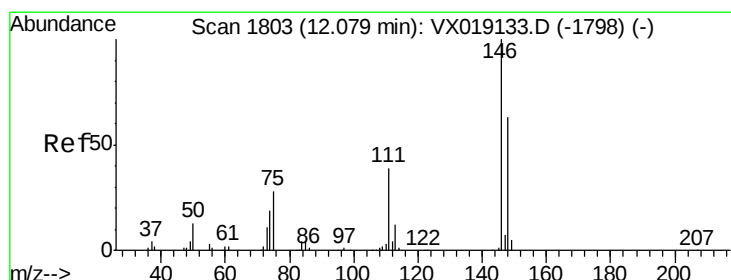
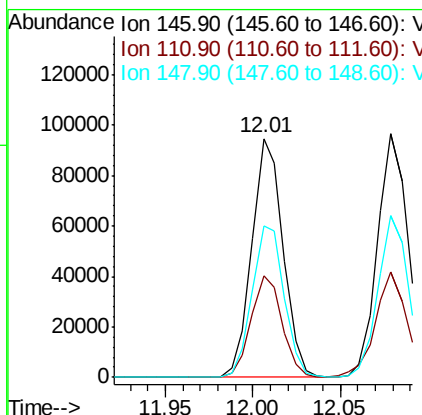
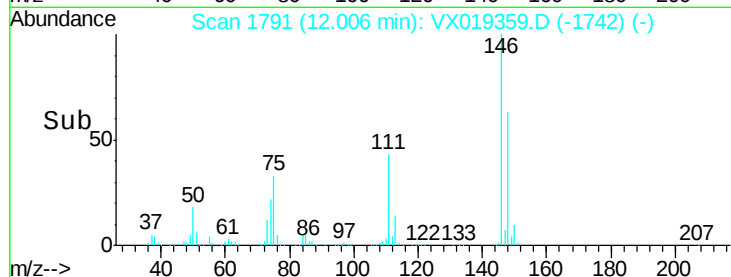
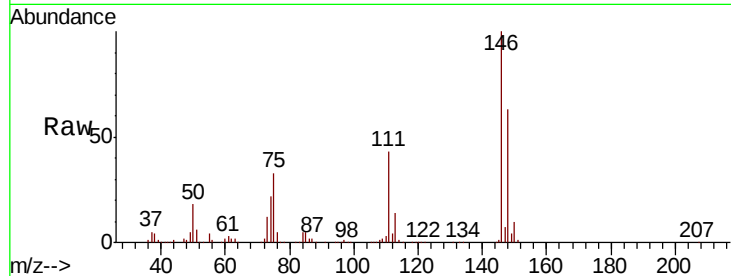
#87
 1,3-Dichlorobenzene
 Concen: 18.280 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.4	61.2
148	65.1	31.6	94.8

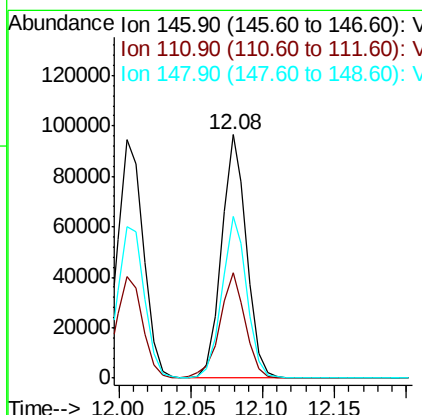
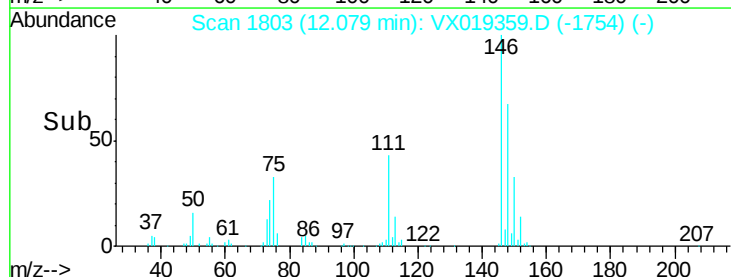
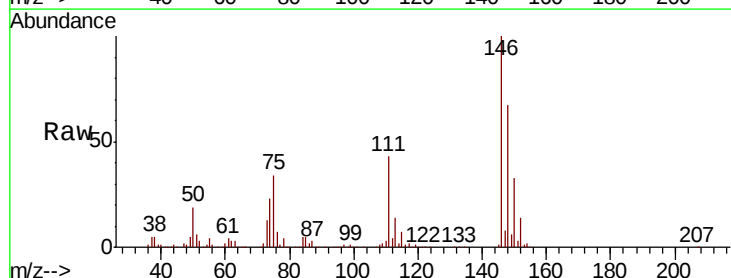
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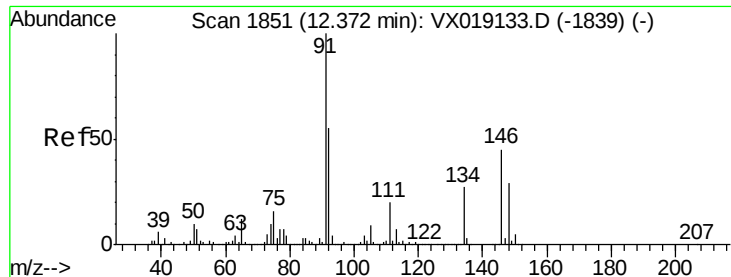
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#88
 1,4-Dichlorobenzene
 Concen: 17.546 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	20.2	60.5
148	66.2	31.3	93.8





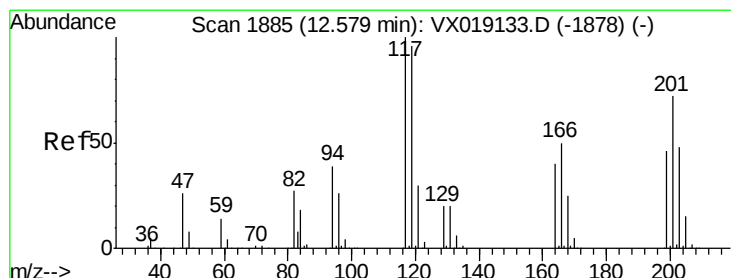
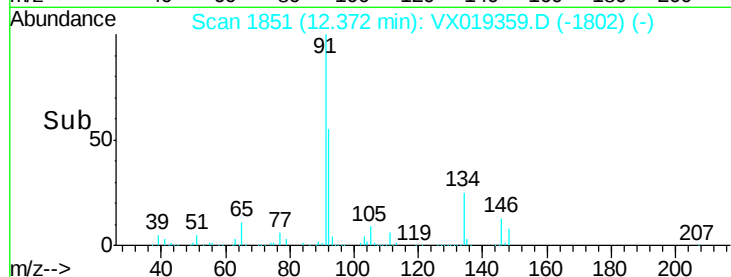
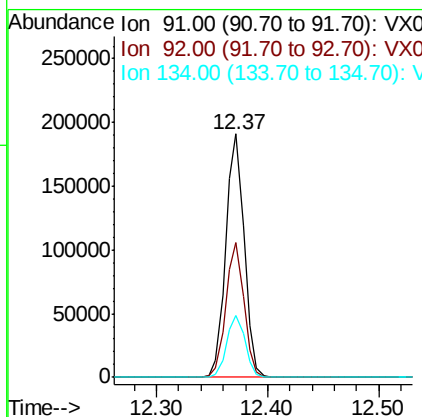
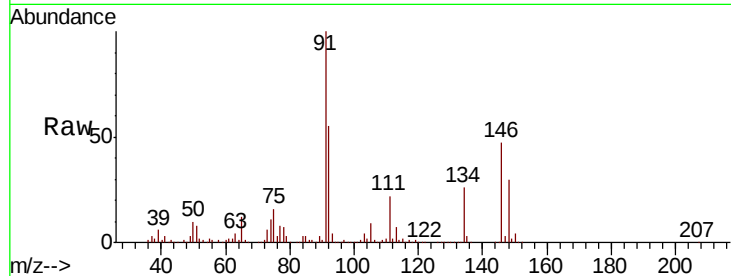
#89
n-Butylbenzene
Concen: 18.655 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	218293		
92	54.4		27.5	82.4
134	25.5		13.2	39.6

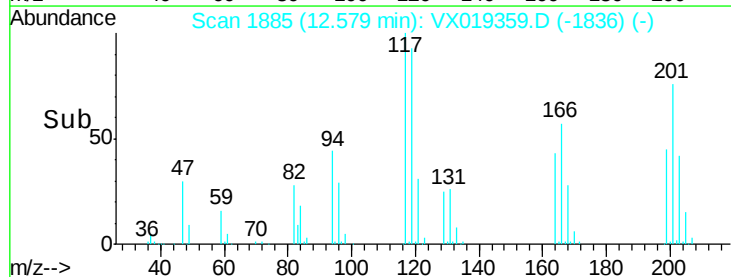
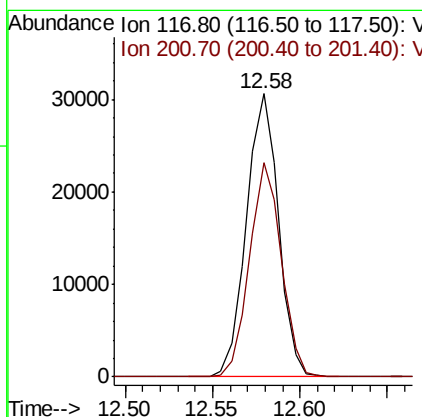
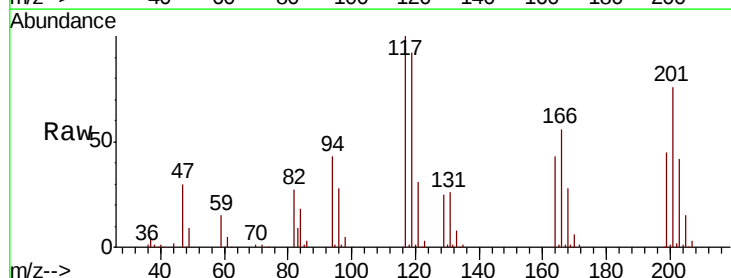
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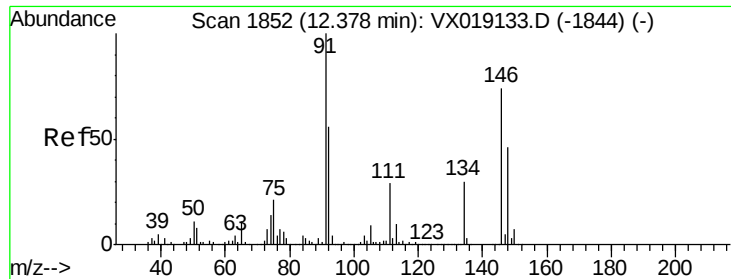
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#90
Hexachloroethane
Concen: 18.452 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39044		
201	75.3		38.5	115.3





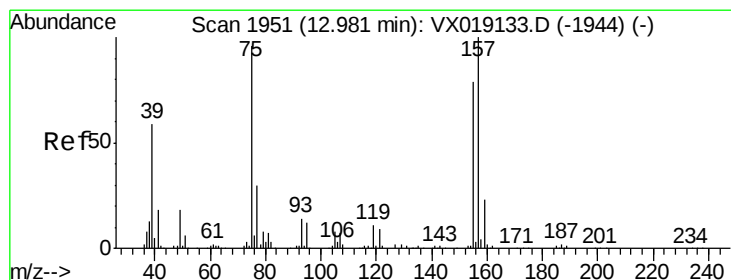
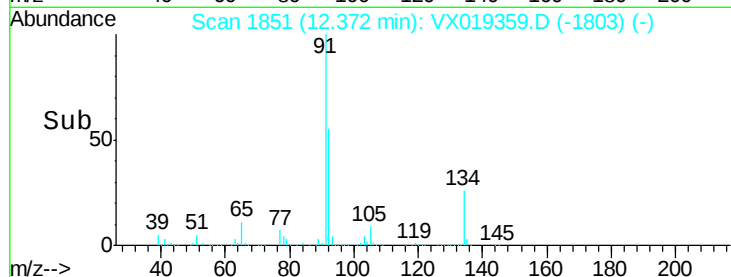
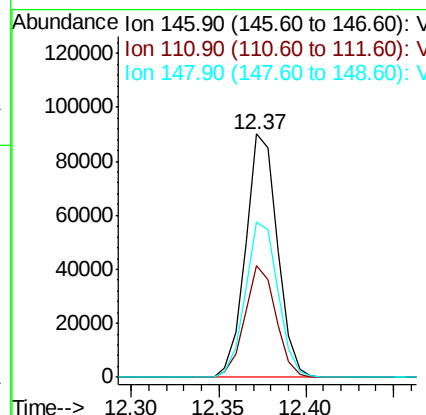
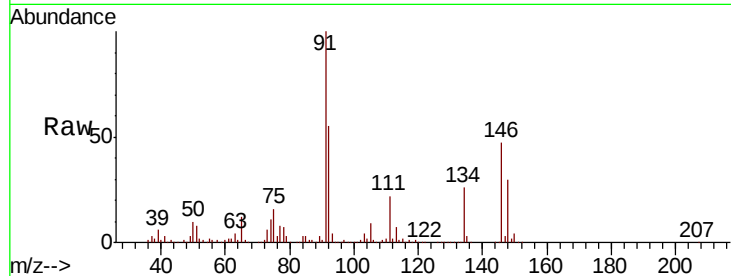
#91
 1,2-Dichlorobenzene
 Concen: 18.476 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.2	63.6
148	65.5	31.6	94.7

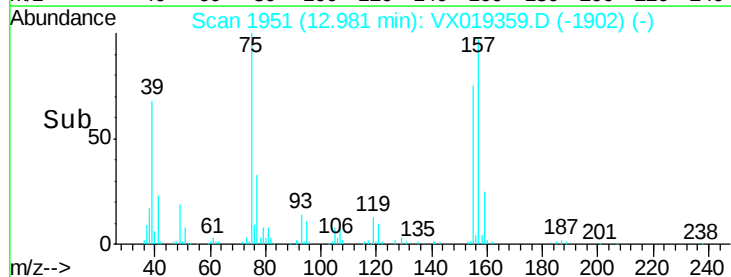
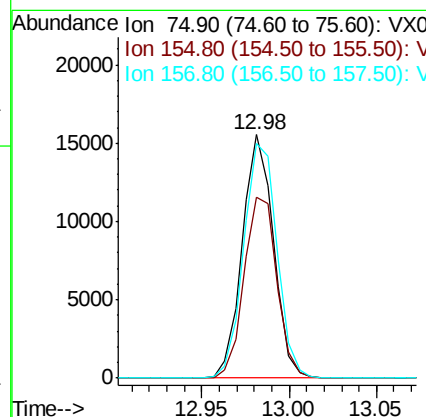
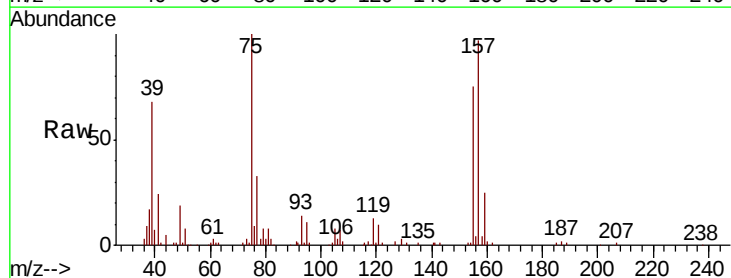
Manual Integrations
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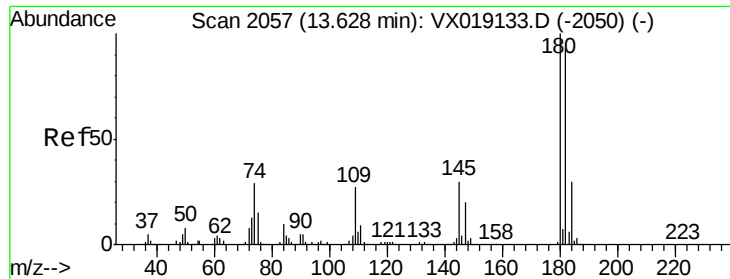
MMDadoda
 11/10/2020 8:57:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.126 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	42.8	128.4
157	102.8	54.8	164.4





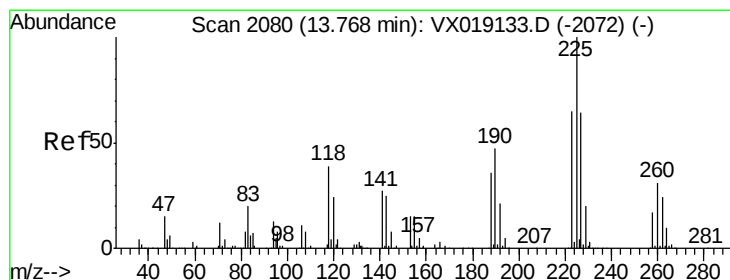
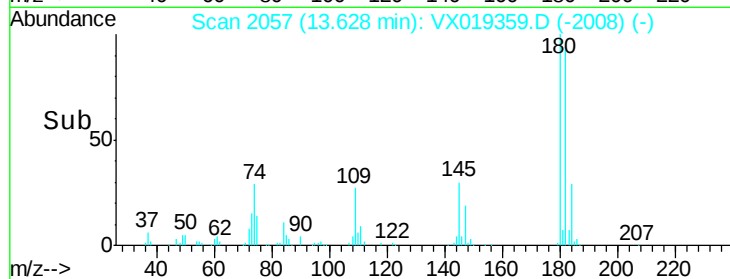
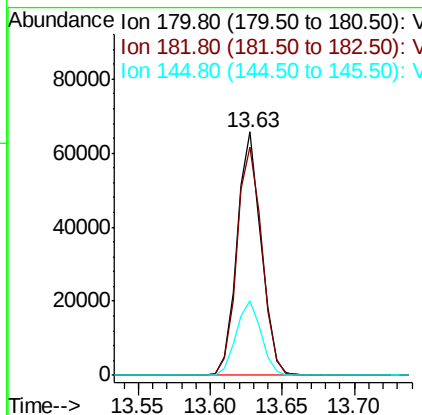
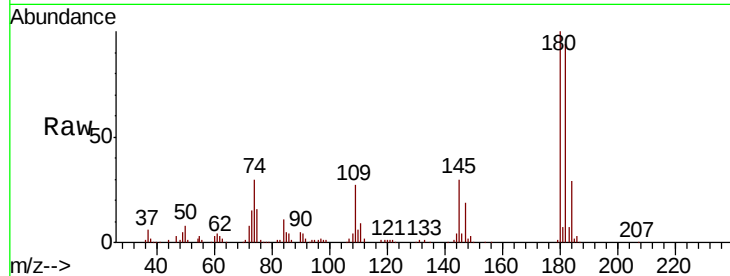
#93
 1,2,4-Trichlorobenzene
 Concen: 16.558 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.8	140.3
145	31.8	15.5	46.5

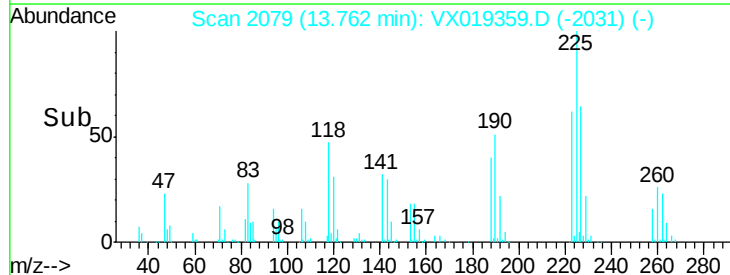
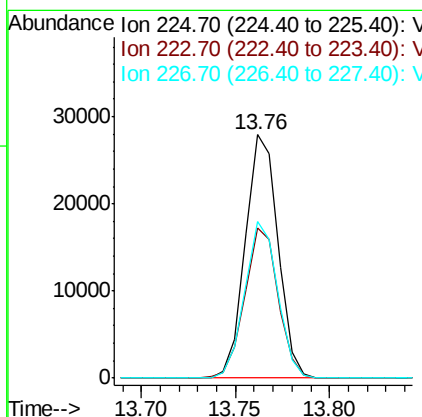
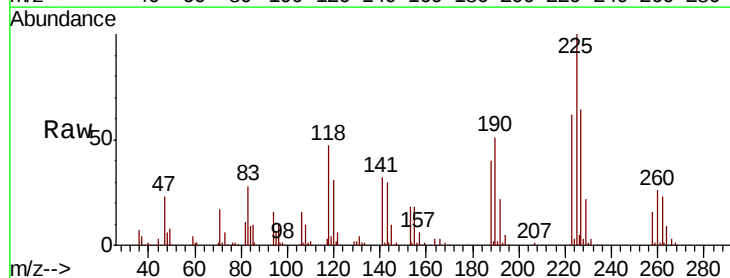
Manual Integrations
 APPROVED

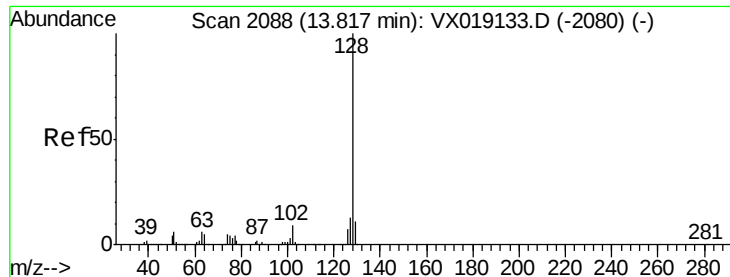
MMDadoda
 11/10/2020 8:57:34 AM



#94
 Hexachlorobutadiene
 Concen: 16.457 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.2
227	64.7	31.6	94.7





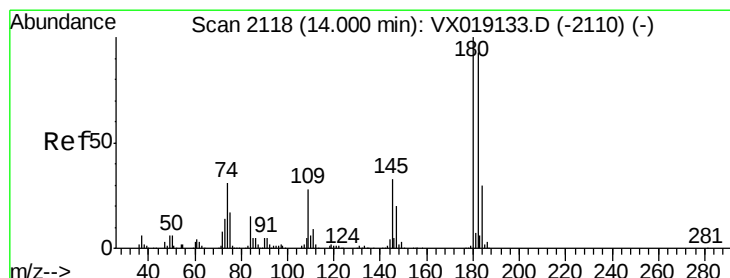
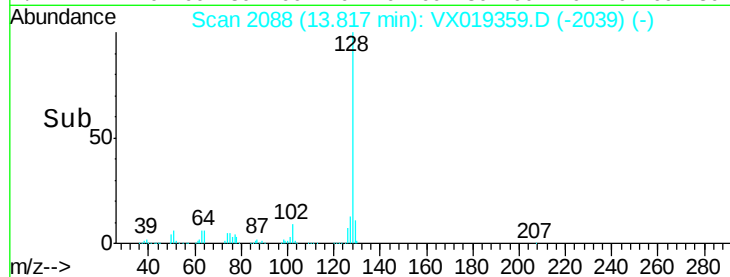
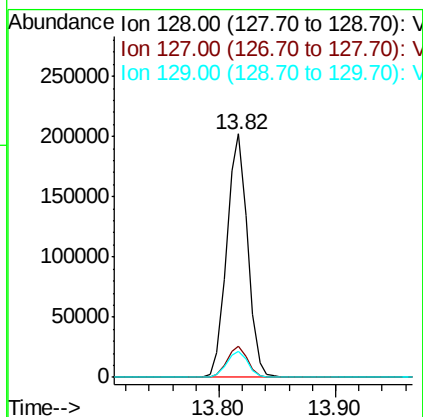
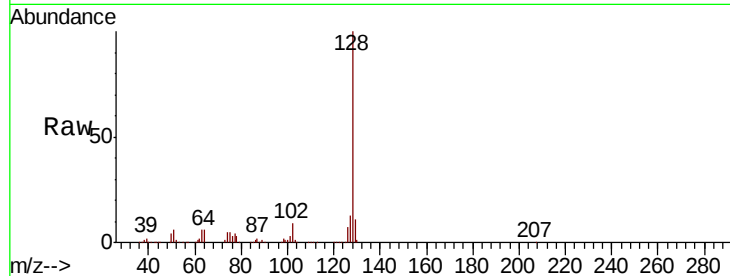
#95
Naphthalene
Concen: 17.111 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

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

Manual Integrations
APPROVED

MMDadoda
11/10/2020 8:57:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.161 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.8	143.3
145	33.2	16.5	49.5

