

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019238.D
 Acq On : 03 Nov 2020 17:25
 Operator : JC/MD
 Sample : VX1104WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:58:50 AM

Quant Time: Nov 04 02:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	260775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	434132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168273	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.46	113	132405	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.70	98	502598	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.12	95	192420	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	40767	18.752	ug/l	100
3) Chloromethane	1.31	50	47155	19.415	ug/l	100
4) Vinyl Chloride	1.39	62	54464	19.336	ug/l	98
5) Bromomethane	1.64	94	41617	21.635	ug/l	96
6) Chloroethane	1.71	64	36084	20.065	ug/l	96
7) Trichlorofluoromethane	1.92	101	85702	19.367	ug/l	99
8) Diethyl Ether	2.17	74	33705	19.846	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47055	19.185	ug/l	98
10) Methyl Iodide	2.49	142	50265	21.526	ug/l	100
11) Tert butyl alcohol	3.03	59	59406	89.434	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46560	18.422	ug/l	99
13) Acrolein	2.28	56	23901	84.309	ug/l	99
14) Allyl chloride	2.71	41	74167	19.374	ug/l	99
15) Acrylonitrile	3.12	53	135413	97.014	ug/l	99
16) Acetone	2.43	43	116849	100.716	ug/l	100
17) Carbon Disulfide	2.55	76	127522	18.191	ug/l	100
18) Methyl Acetate	2.75	43	56202	19.921	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	171213	19.551	ug/l	99
20) Methylene Chloride	2.83	84	55541	19.069	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	53095	18.253	ug/l	98
22) Diisopropyl ether	3.82	45	158188	20.727	ug/l	89
23) Vinyl Acetate	3.78	43	687592	101.028	ug/l	97
24) 1,1-Dichloroethane	3.67	63	94389	19.808	ug/l	98
25) 2-Butanone	4.64	43	182459	99.789	ug/l	99
26) 2,2-Dichloropropane	4.54	77	86221	19.247	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60850	18.720	ug/l	97
28) Bromochloromethane	4.98	49	42407	19.576	ug/l	93
29) Tetrahydrofuran	5.09	42	116237	100.876	ug/l	97
30) Chloroform	5.17	83	100045	19.725	ug/l	97
31) Cyclohexane	5.54	56	82000	19.289	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	88450	19.234	ug/l	99
36) 1,1-Dichloropropene	5.76	75	74024	18.465	ug/l	98
37) Ethyl Acetate	4.79	43	72138	19.381	ug/l	99
38) Carbon Tetrachloride	5.75	117	74963	18.345	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88709	18.506	ug/l	97
40) Benzene	6.11	78	217952	19.175	ug/l	99
41) Methacrylonitrile	5.00	41	38993	19.453	ug/l	98
42) 1,2-Dichloroethane	6.16	62	81738	19.512	ug/l	99
43) Isopropyl Acetate	6.40	43	119044	19.101	ug/l	99
44) Trichloroethene	7.19	130	59529	18.287	ug/l	98
45) 1,2-Dichloropropane	7.49	63	55115	19.797	ug/l	97
46) Dibromomethane	7.63	93	39257	19.069	ug/l	97
47) Bromodichloromethane	7.87	83	76491	18.850	ug/l	99
48) Methyl methacrylate	7.74	41	57116	19.040	ug/l	99
49) 1,4-Dioxane	7.74	88	25231	378.214	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	358885	100.188	ug/l	98
52) Toluene	8.76	92	140822	19.236	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84549	18.242	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	90979	18.667	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55991	19.357	ug/l	99
56) Ethyl methacrylate	9.16	69	82079	18.787	ug/l	97
57) 1,3-Dichloropropane	9.35	76	94641	19.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	226710	92.784	ug/l	97
59) 2-Hexanone	9.47	43	273573	100.330	ug/l	99
60) Dibromochloromethane	9.56	129	58131	18.518	ug/l	98
61) 1,2-Dibromoethane	9.65	107	58288	18.844	ug/l	100
64) Tetrachloroethene	9.32	164	56385	18.573	ug/l	99
65) Chlorobenzene	10.12	112	147686	18.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	53517	18.253	ug/l	99
67) Ethyl Benzene	10.23	91	267240	18.415	ug/l	99
68) m/p-Xylenes	10.34	106	199310	36.592	ug/l	98
69) o-Xylene	10.68	106	94554	18.302	ug/l	98
70) Styrene	10.70	104	161138	18.280	ug/l	99
71) Bromoform	10.84	173	40835	17.566	ug/l #	99
73) Isopropylbenzene	11.00	105	260831	18.584	ug/l	99
74) N-amyl acetate	10.88	43	96548	18.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	82443	18.795	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80295m	19.612	ug/l	
77) Bromobenzene	11.24	156	63223	18.150	ug/l	94
78) n-propylbenzene	11.34	91	303102	18.918	ug/l	98
79) 2-Chlorotoluene	11.40	91	177737	18.843	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	218703	18.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26969	17.344	ug/l	96
82) 4-Chlorotoluene	11.49	91	211548	18.366	ug/l	100
83) tert-Butylbenzene	11.76	119	209222	18.429	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	221585	18.511	ug/l	100
85) sec-Butylbenzene	11.93	105	257083	18.880	ug/l	99
86) p-Isopropyltoluene	12.05	119	238907	19.009	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	116502	17.959	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118604	17.564	ug/l	99
89) n-Butylbenzene	12.37	91	217881	18.443	ug/l	98
90) Hexachloroethane	12.58	117	36997	17.319	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	111778	17.945	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17919	16.687	ug/l	95

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ClientSampleId :
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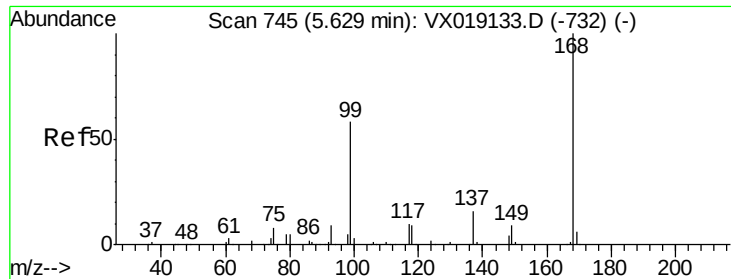
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77202	16.500	ug/l	100
94) Hexachlorobutadiene	13.77	225	32999	16.022	ug/l	98
95) Naphthalene	13.82	128	242179	16.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74476	16.408	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion:168 Resp: 260775

Ion Ratio Lower Upper

168 100

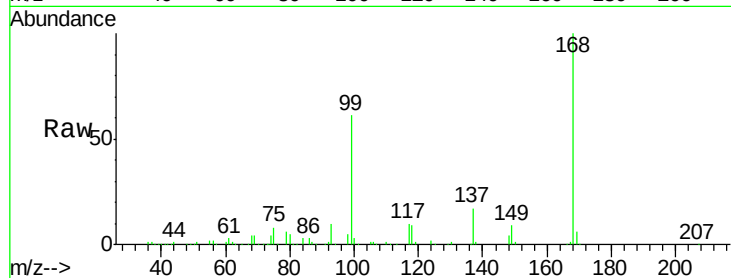
99 60.8 46.6 69.8

Manual Integrations

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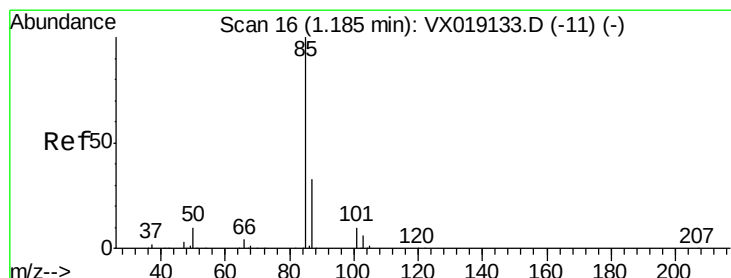
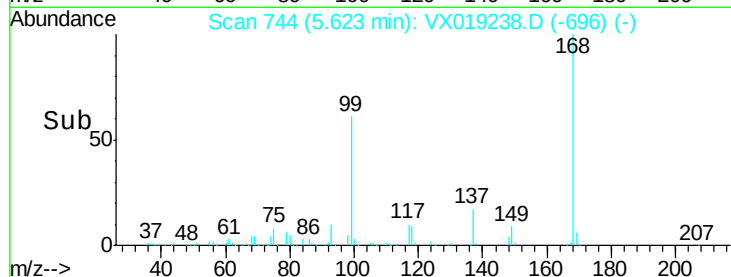
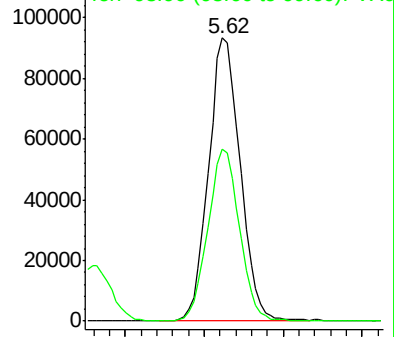
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.752 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019238.D

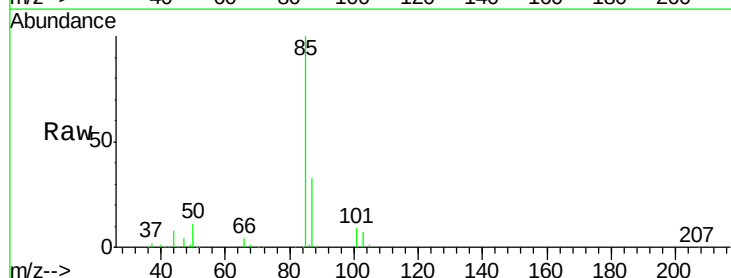
Acq: 03 Nov 2020 17:25

Tgt Ion: 85 Resp: 40767

Ion Ratio Lower Upper

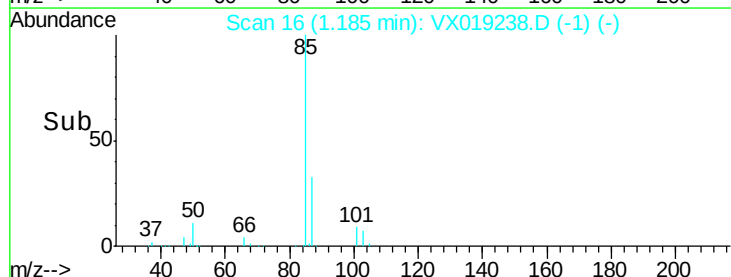
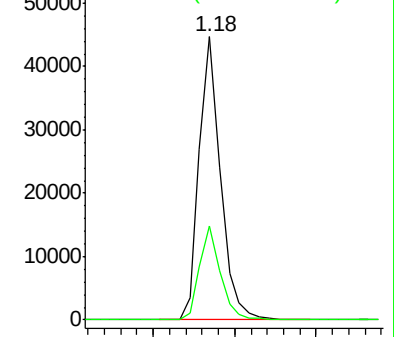
85 100

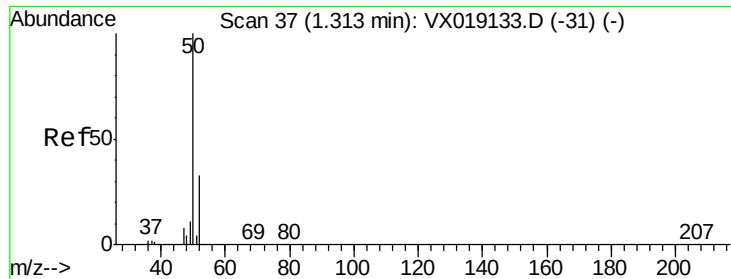
87 33.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 50 Resp: 47155

Ion Ratio Lower Upper

50 100

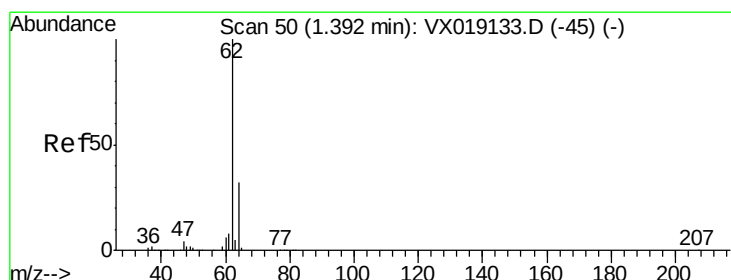
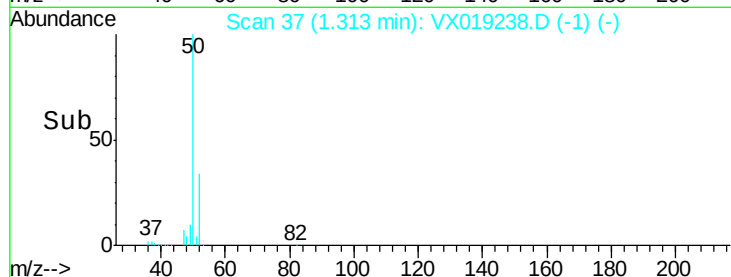
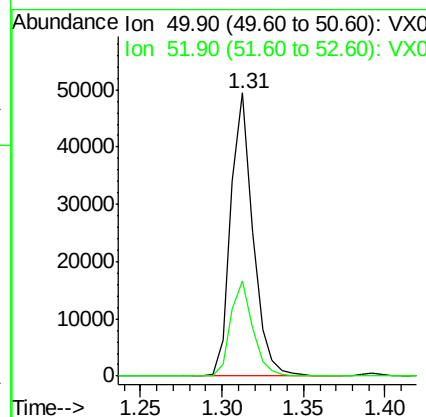
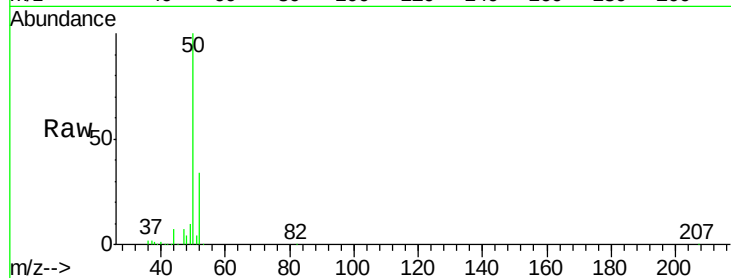
52 33.7 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.336 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019238.D

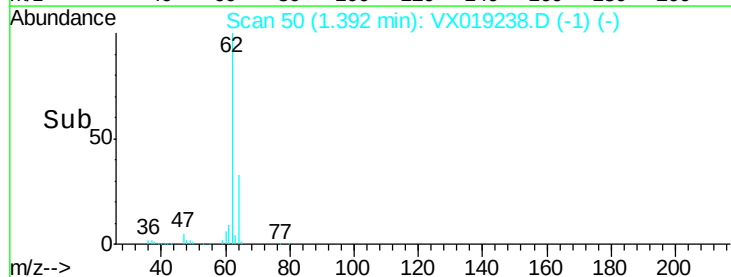
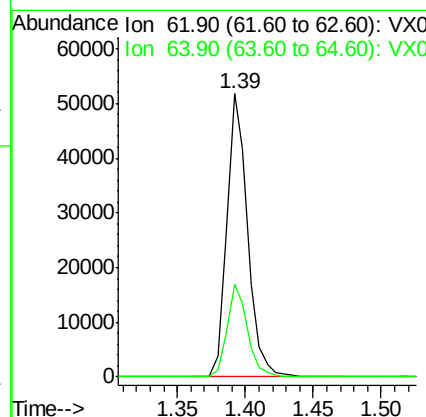
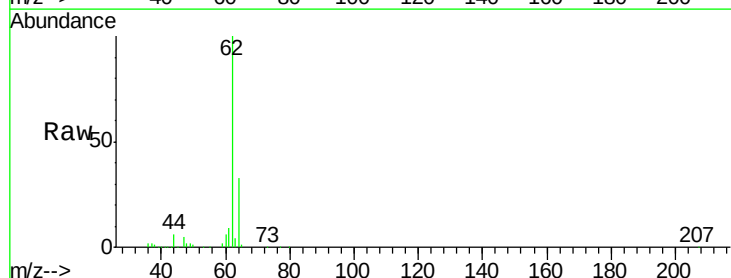
Acq: 03 Nov 2020 17:25

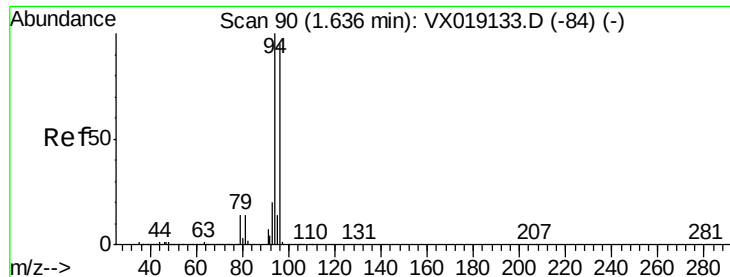
Tgt Ion: 62 Resp: 54464

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 21.635 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 94 Resp: 41617

Ion Ratio Lower Upper

94 100

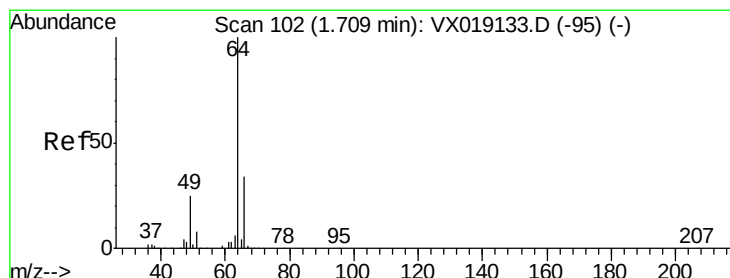
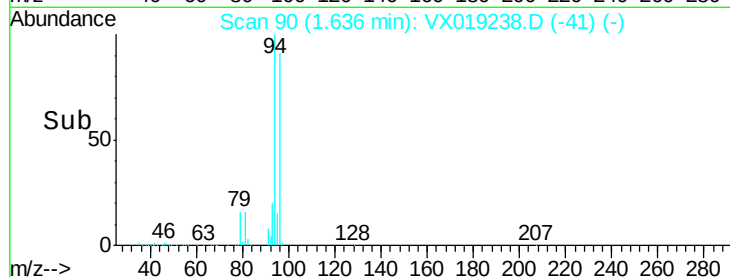
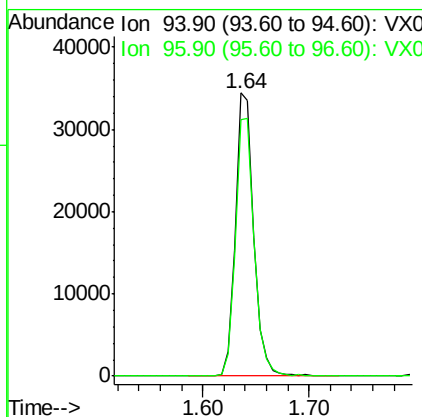
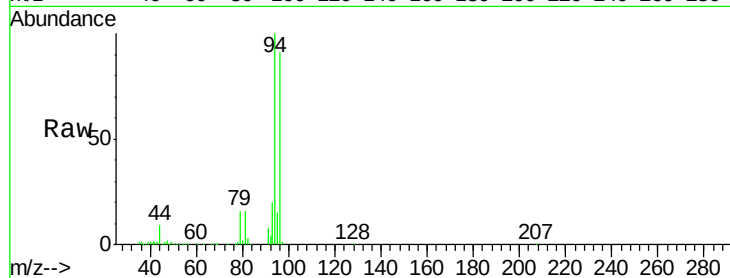
96 90.8 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.065 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019238.D

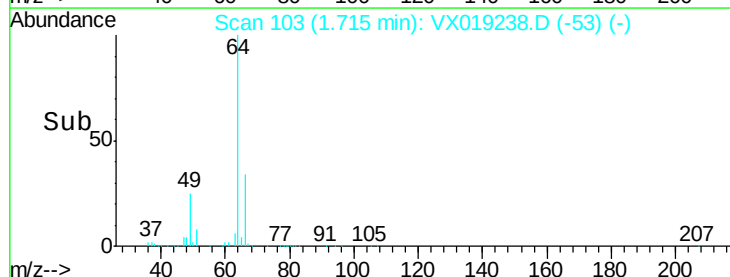
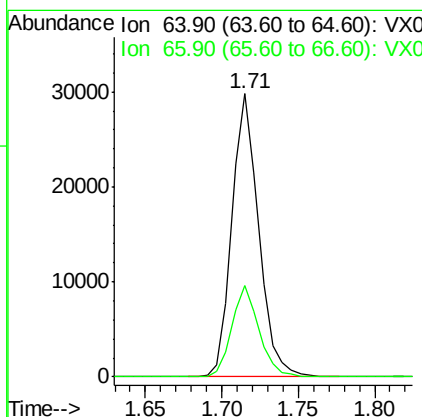
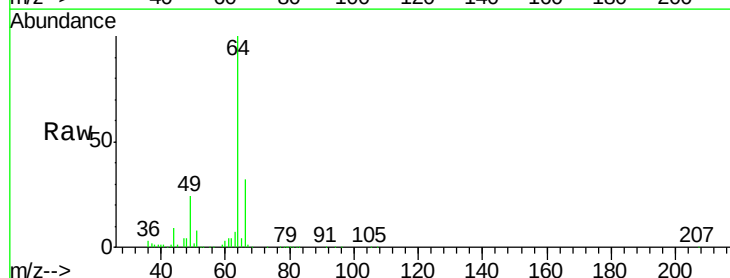
Acq: 03 Nov 2020 17:25

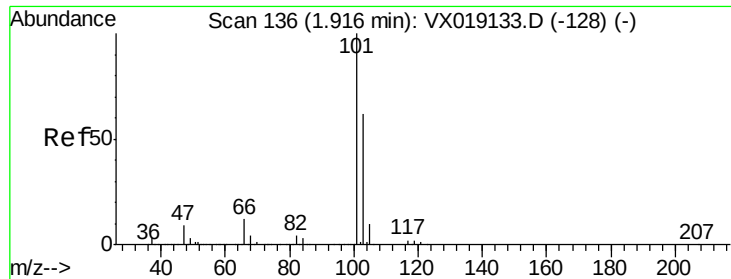
Tgt Ion: 64 Resp: 36084

Ion Ratio Lower Upper

64 100

66 31.9 27.1 40.7





#7

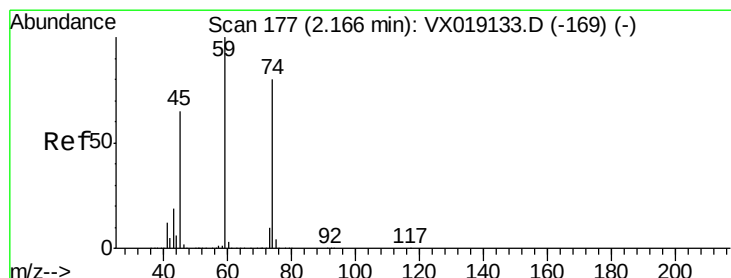
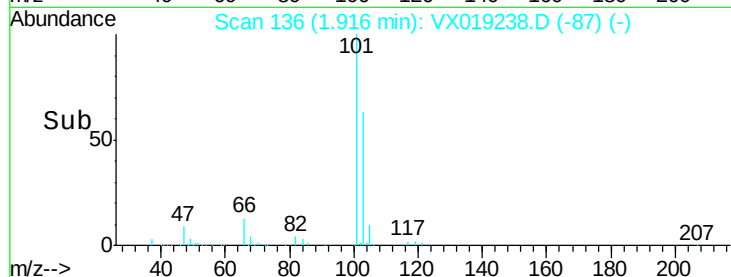
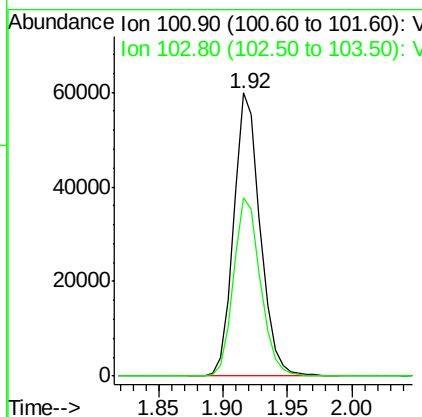
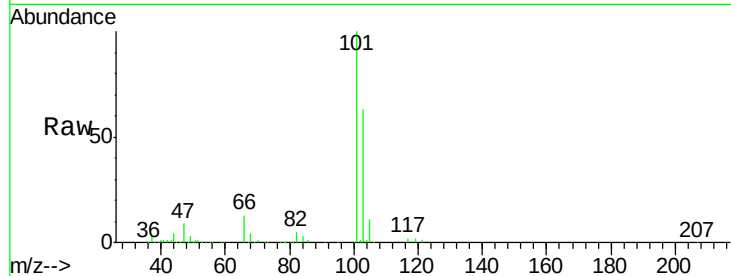
Trichlorofluoromethane
 Concen: 19.367 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019238.D
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 ClientSampleId :
 VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.0	75.0

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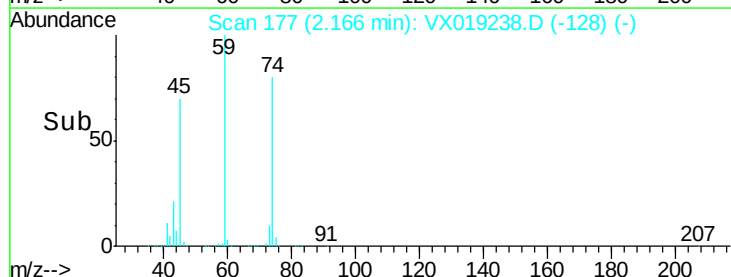
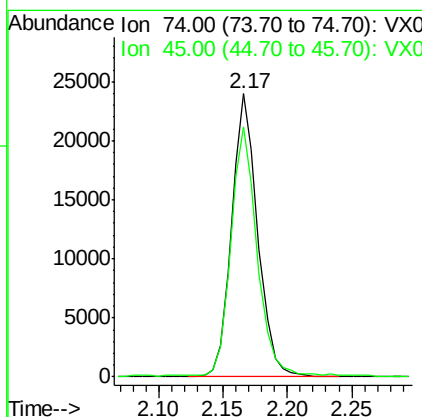
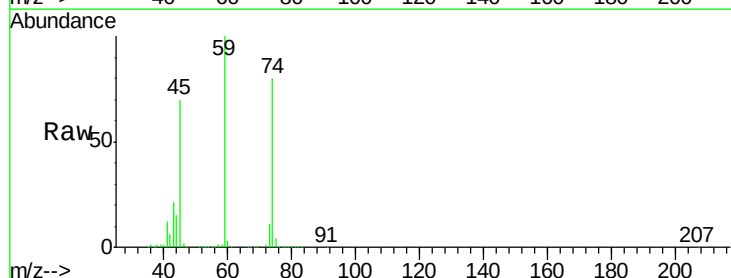
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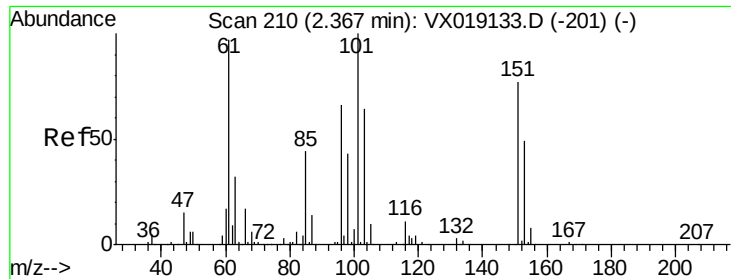


#8

Diethyl Ether
 Concen: 19.846 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.3	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.185 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

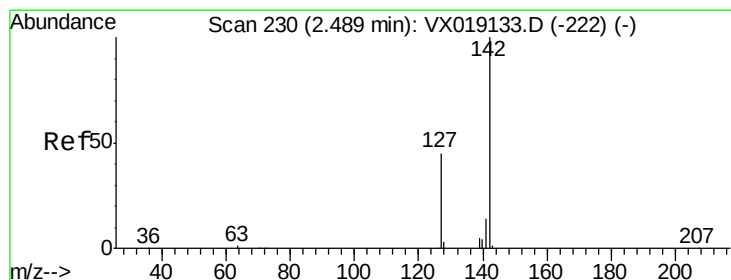
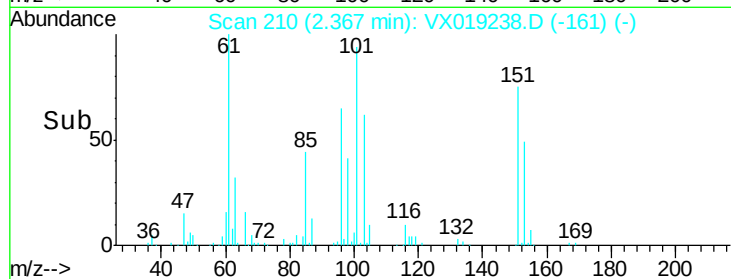
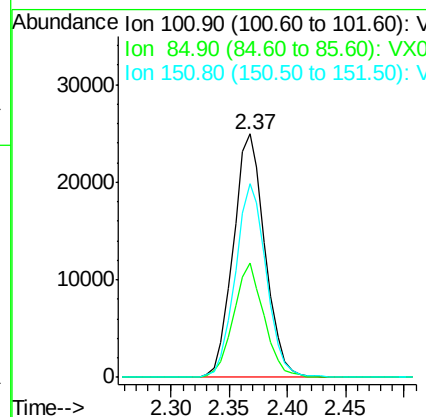
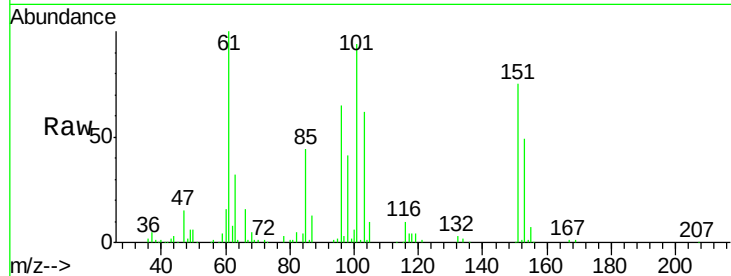
ClientSampleId :

VX1104WBSD01

Tot Ion:	101	Resp:	47055
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.0	52.4
151	78.2	61.4	92.2

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#10

Methyl Iodide

Concen: 21.526 ug/l

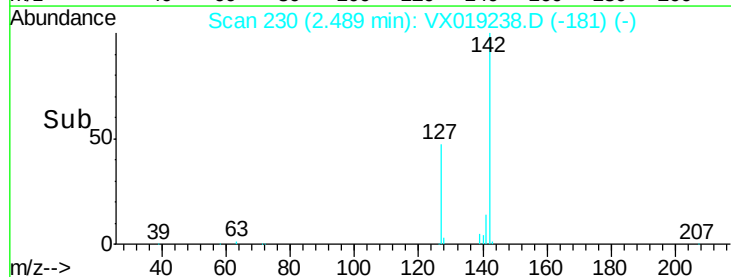
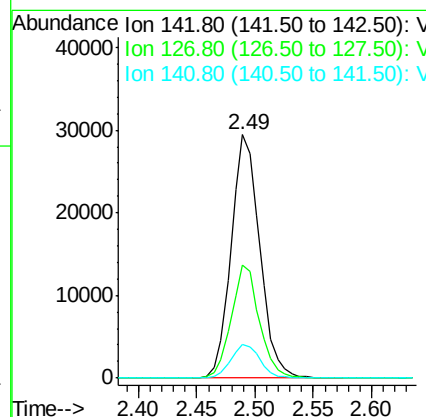
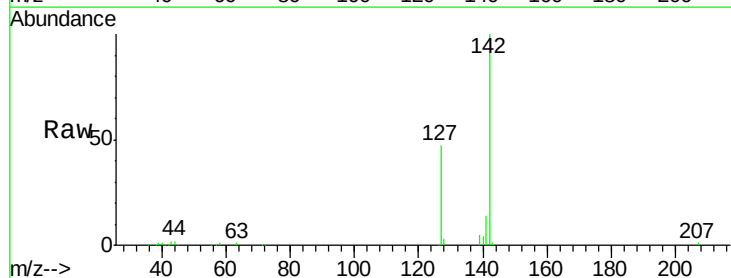
RT: 2.49 min Scan# 230

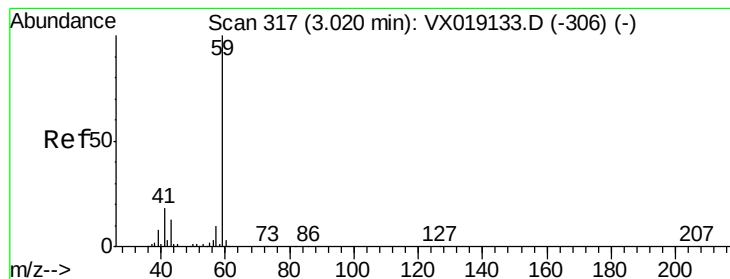
Delta R.T. 0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	142	Resp:	50265
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.1	54.1
141	13.9	11.3	16.9





#11

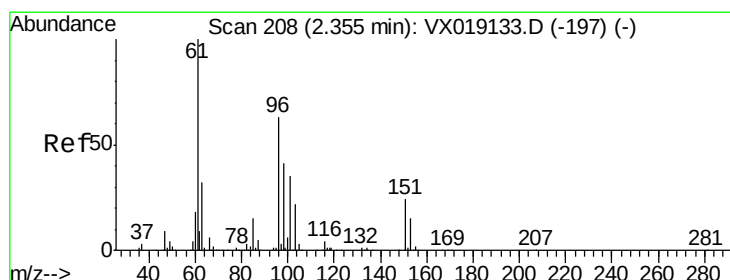
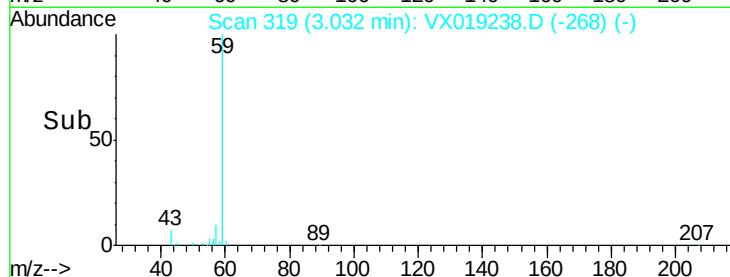
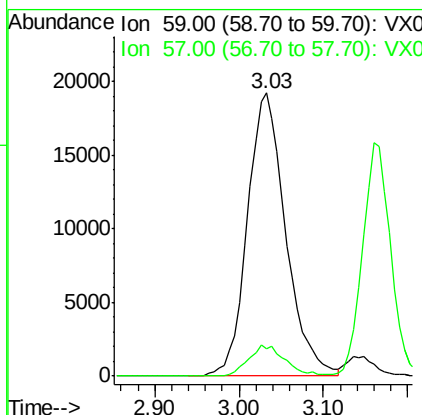
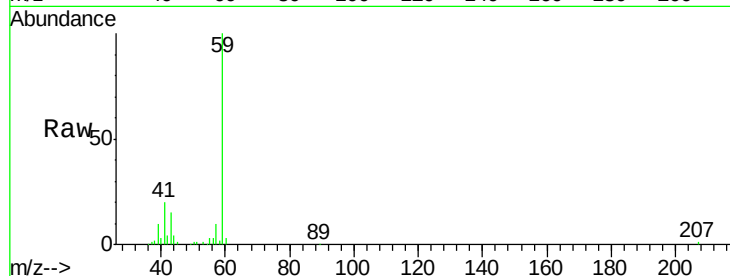
Tert butyl alcohol
Concen: 89.434 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	59406		
57	57	10.7		8.4	12.6

Manual Integrations
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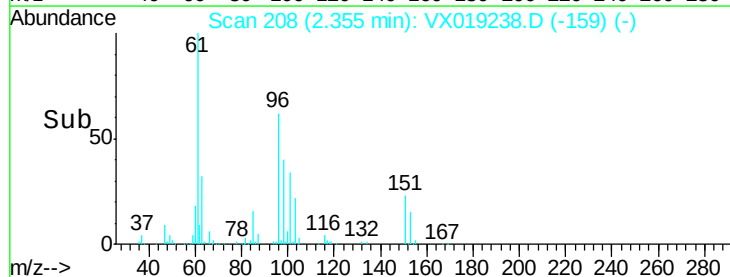
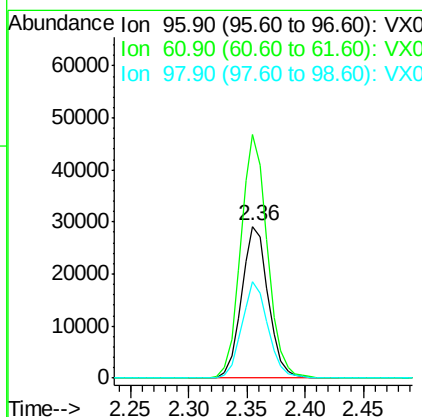
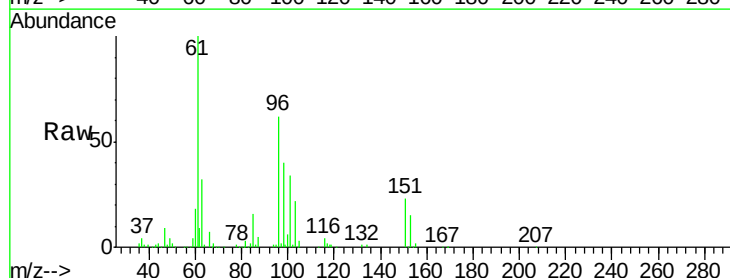
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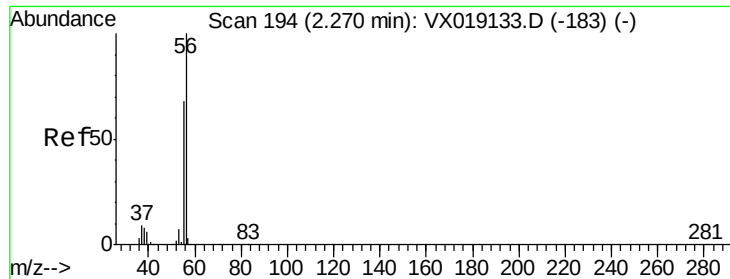


#12

1,1-Dichloroethene
Concen: 18.422 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	46560		
61	61	160.6		127.7	191.5
98	98	63.7		52.1	78.1





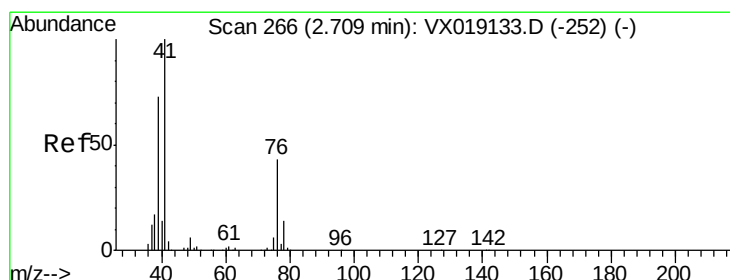
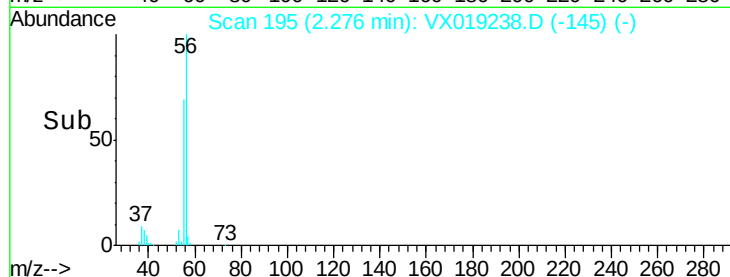
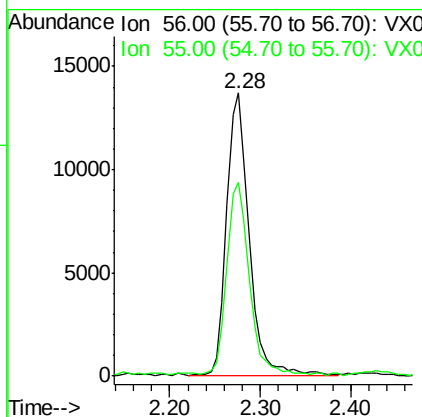
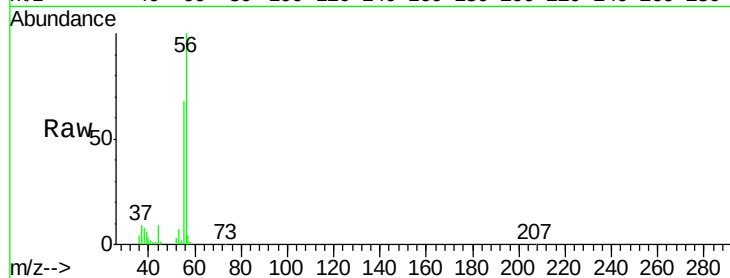
#13
Acrolein
Concen: 84.309 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.8	54.7	82.1

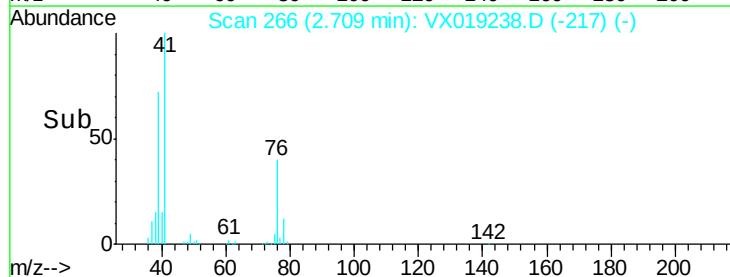
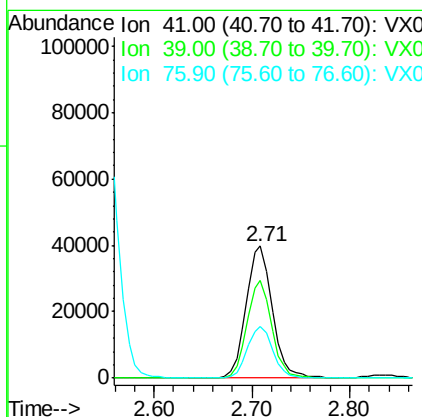
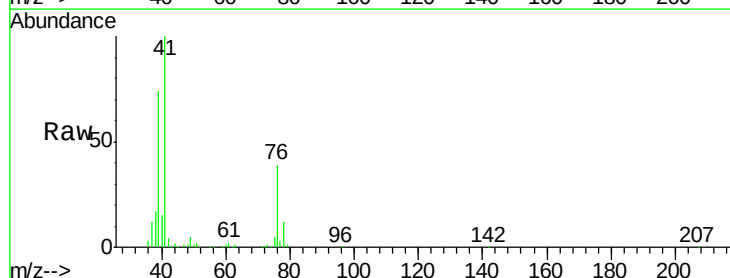
Manual Integrations
APPROVED

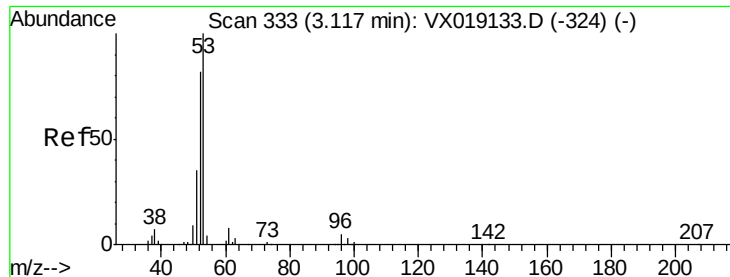
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#14
Allyl chloride
Concen: 19.374 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.6	55.2	82.8
76	37.8	31.5	47.3





#15

Acrylonitrile

Concen: 97.014 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

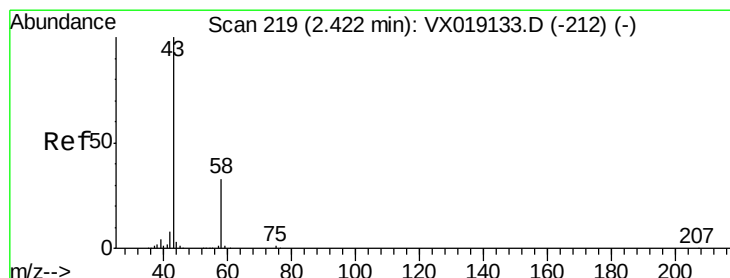
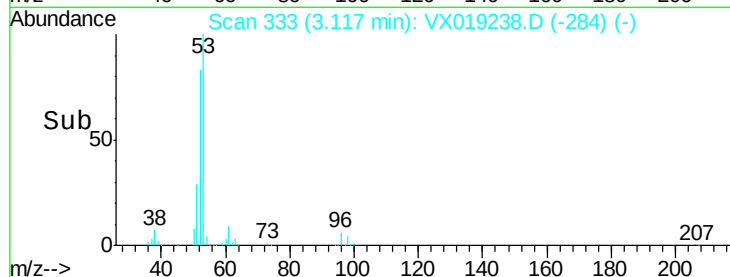
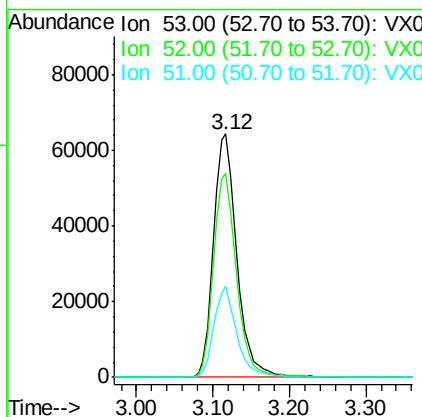
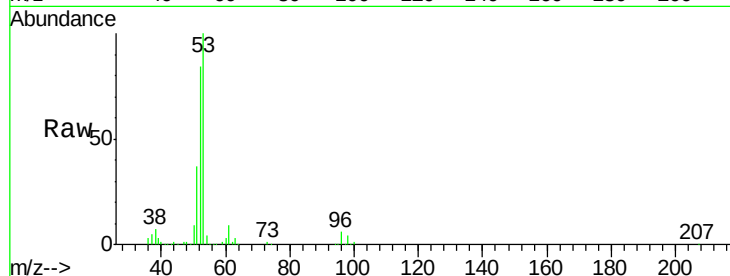
ClientSampleId :

VX1104WBSD01

Tot Ion:	53	Resp:	135413
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.7	98.5
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 100.716 ug/l

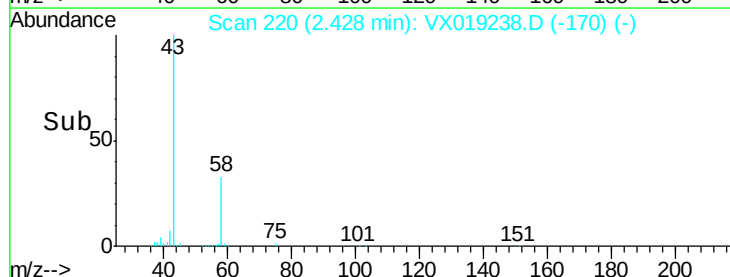
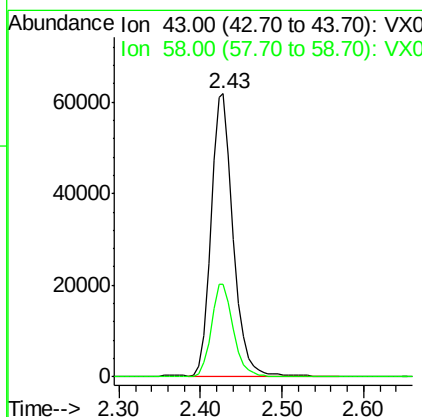
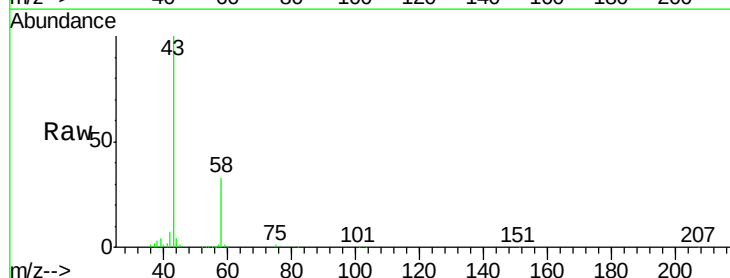
RT: 2.43 min Scan# 220

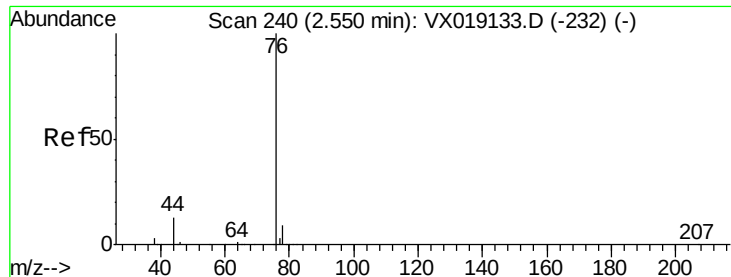
Delta R.T. 0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	43	Resp:	116849
Ion Ratio	Lower	Upper	
43	100		
58	32.8	26.3	39.5





#17

Carbon Disulfide

Concen: 18.191 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 76 Resp: 127522

Ion Ratio Lower Upper

76 100

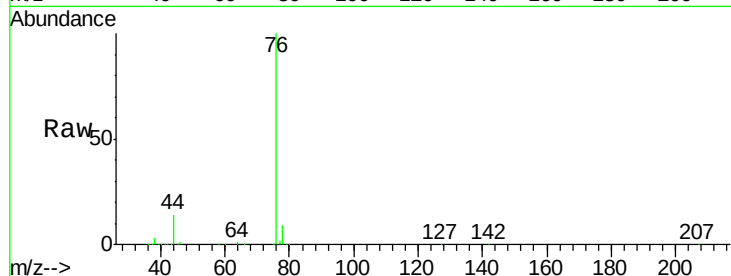
78 8.9 7.3 10.9

Manual Integrations

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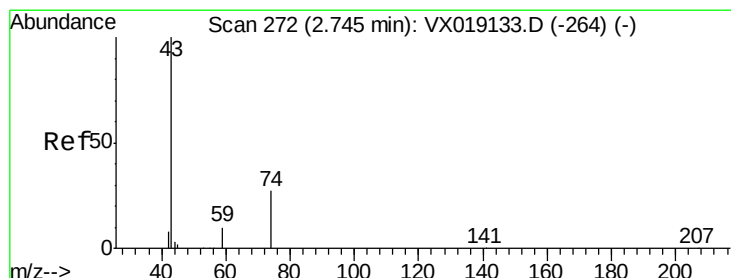
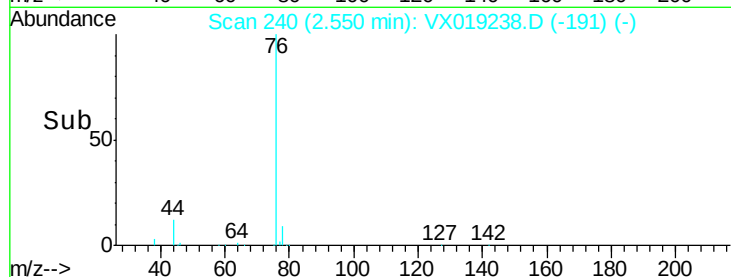
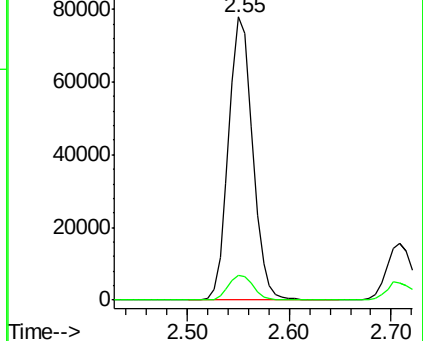
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.921 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019238.D

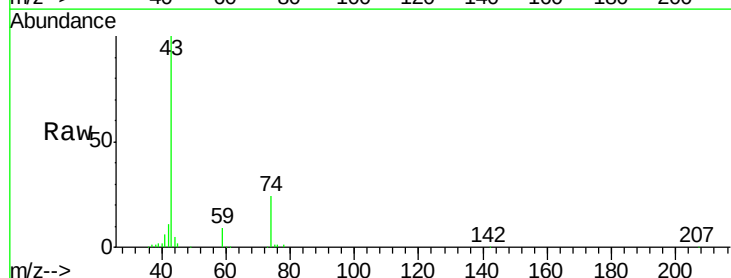
Acq: 03 Nov 2020 17:25

Tgt Ion: 43 Resp: 56202

Ion Ratio Lower Upper

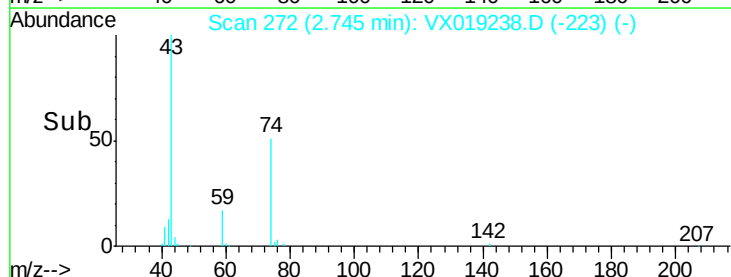
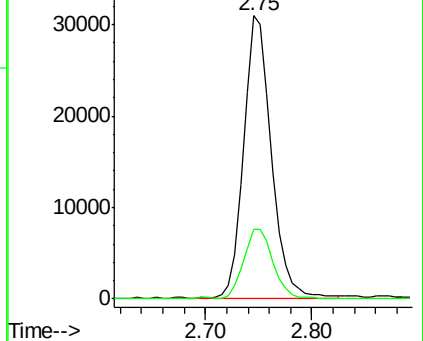
43 100

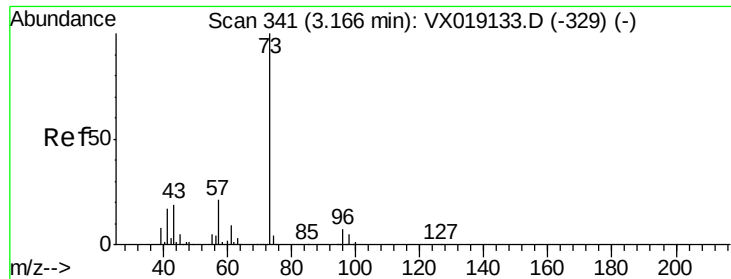
74 26.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





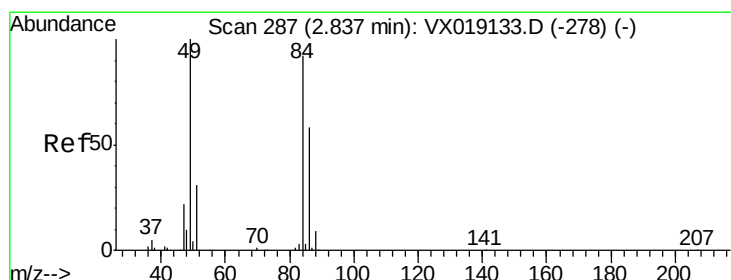
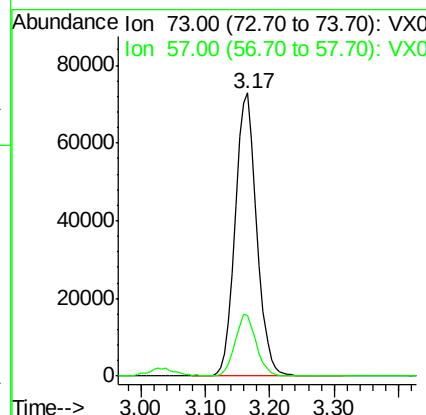
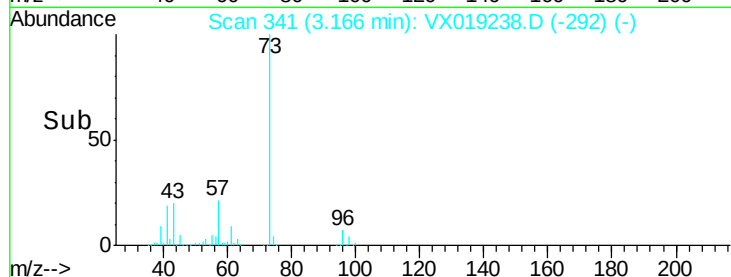
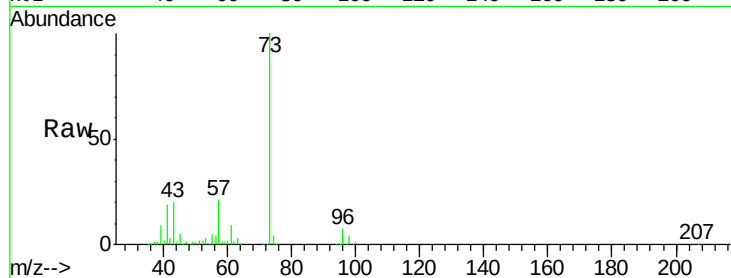
#19
Methyl tert-butyl Ether
Concen: 19.551 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.6	25.0

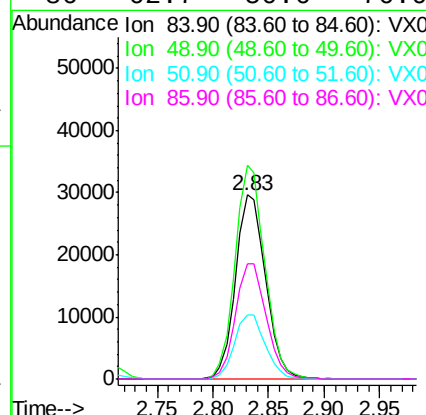
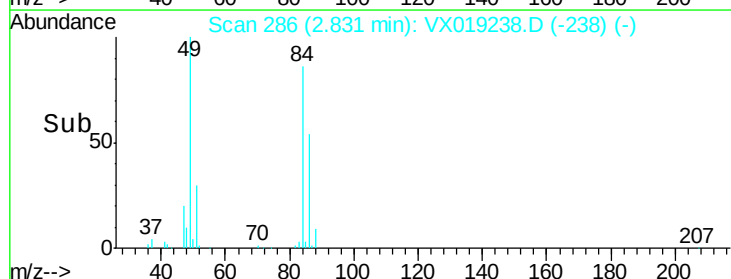
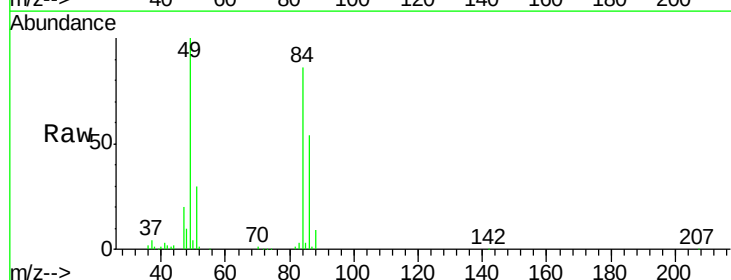
Manual Integrations
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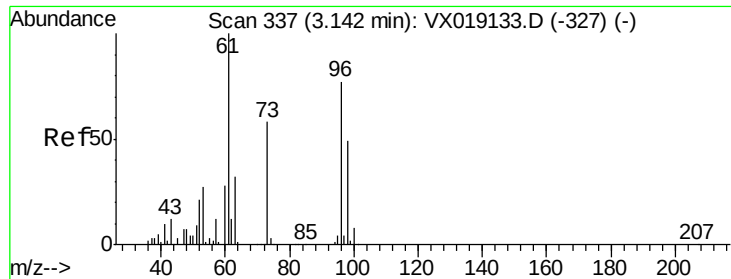
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#20
Methylene Chloride
Concen: 19.069 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	86.8	130.2
51	35.0	27.3	40.9
86	62.7	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 18.253 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

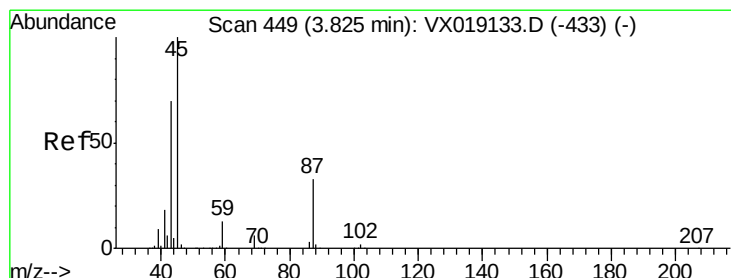
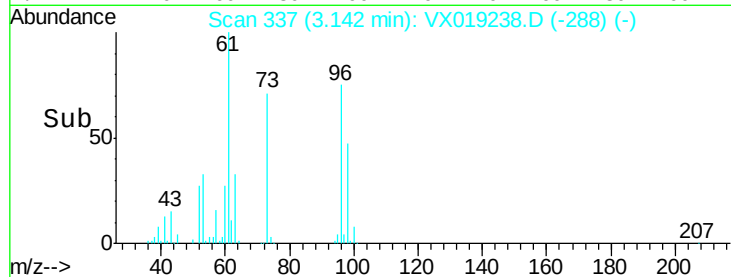
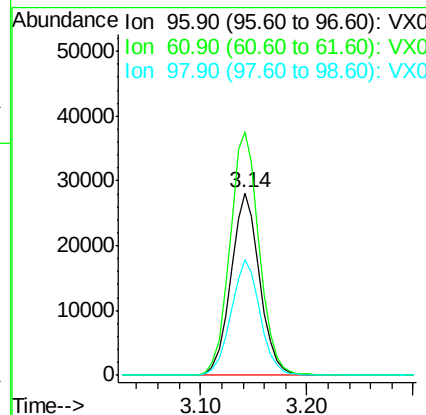
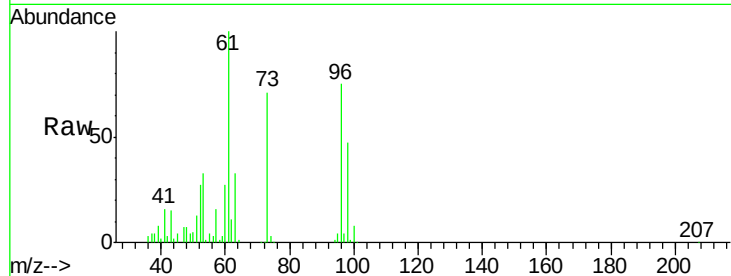
ClientSampleId :

VX1104WBSD01

Tot Ion:	96	Resp:	53095
Ion	Ratio	Lower	Upper
96	100		
61	133.4	104.2	156.4
98	63.1	51.3	76.9

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#22

Diisopropyl ether

Concen: 20.727 ug/l

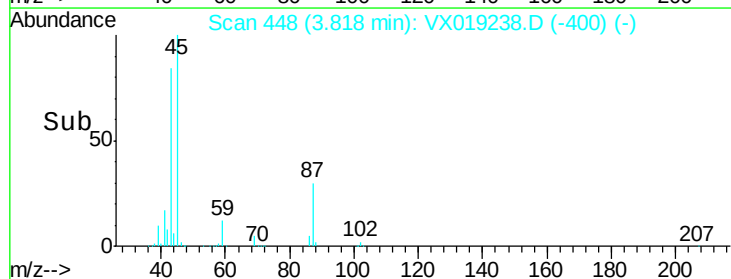
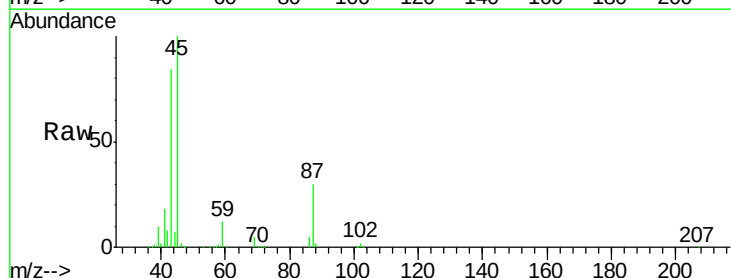
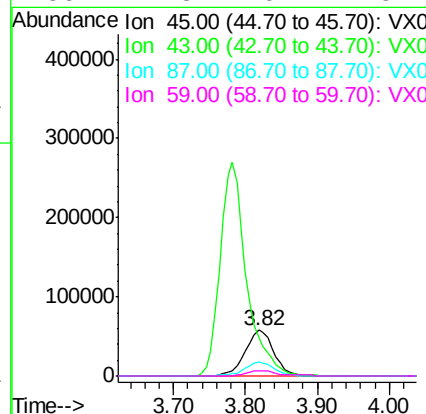
RT: 3.82 min Scan# 448

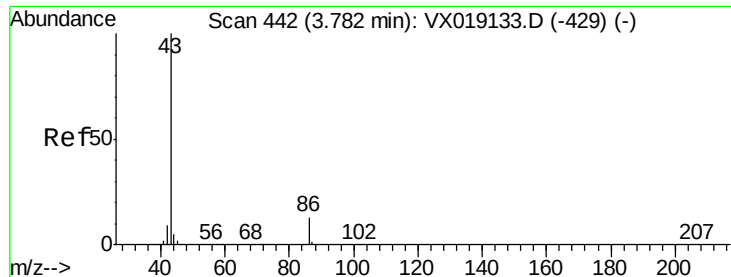
Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	45	Resp:	158188
Ion	Ratio	Lower	Upper
45	100		
43	83.7	56.2	84.4
87	30.2	26.2	39.2
59	11.8	10.1	15.1





#23

Vinyl Acetate

Concen: 101.028 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 43 Resp: 687592

Ion Ratio Lower Upper

43 100

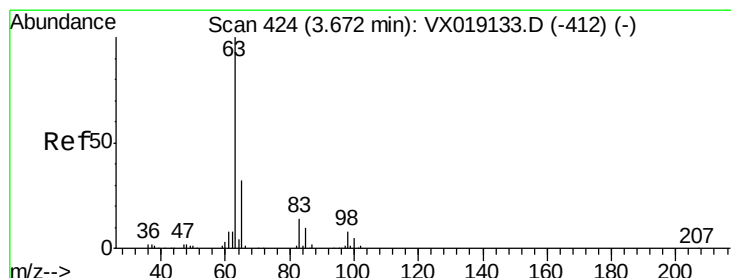
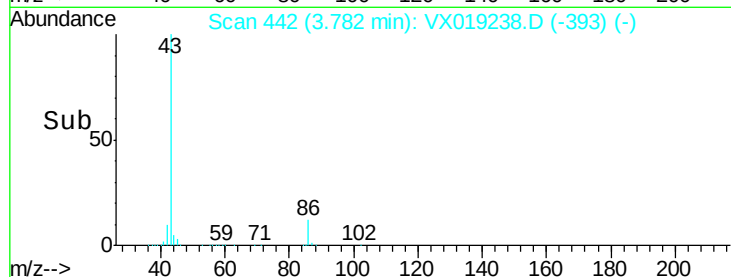
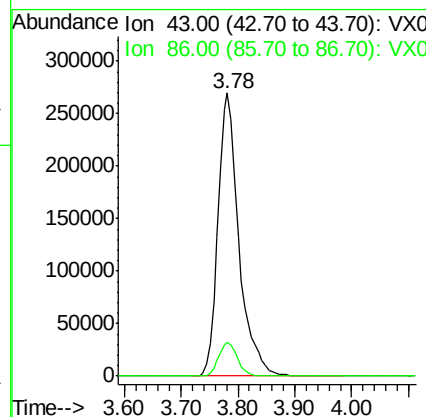
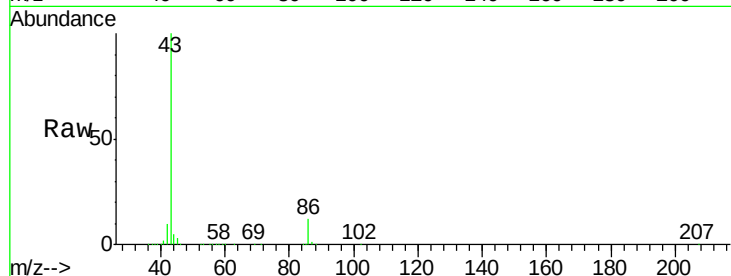
86 11.8 10.4 15.6

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#24

1,1-Dichloroethane

Concen: 19.808 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

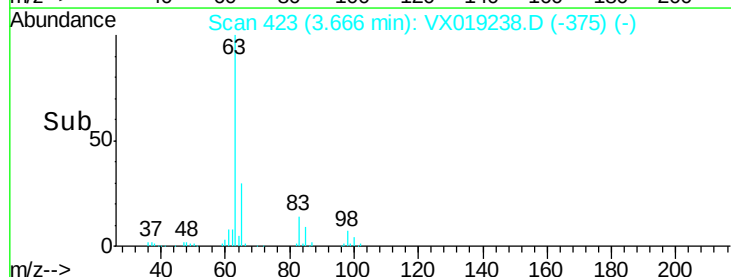
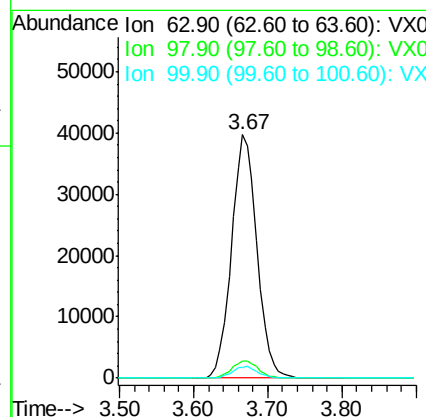
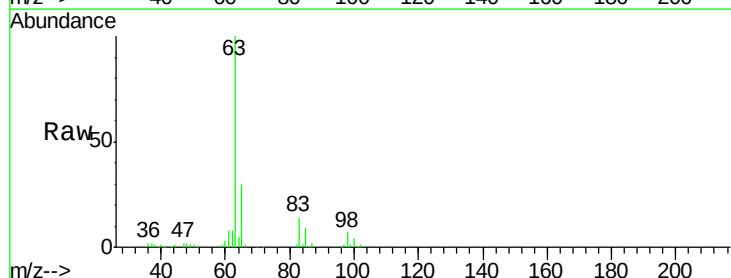
Tgt Ion: 63 Resp: 94389

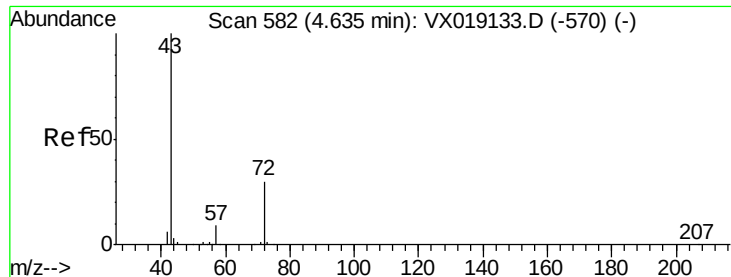
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 99.789 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 43 Resp: 182459

Ion Ratio Lower Upper

43 100

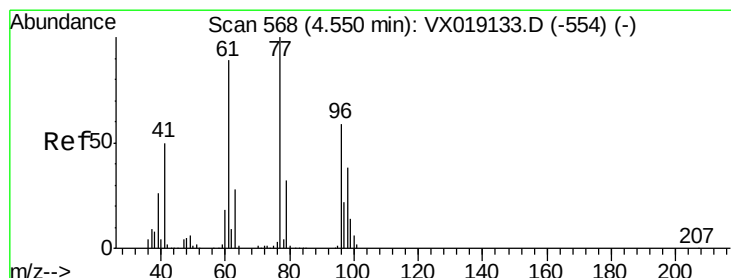
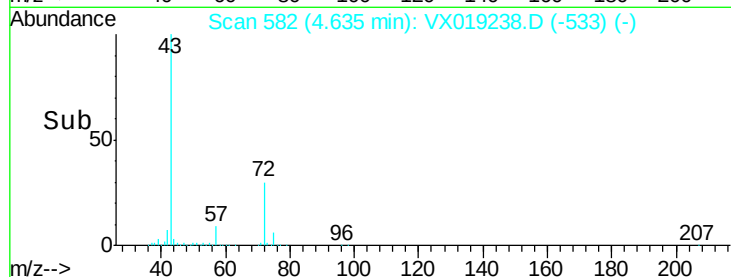
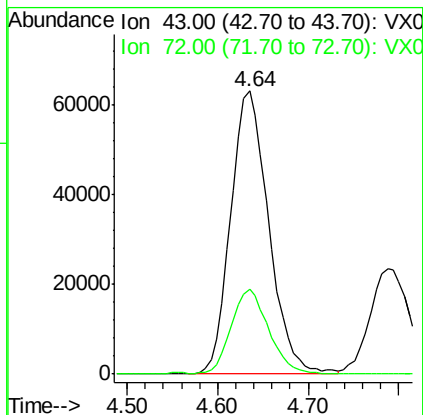
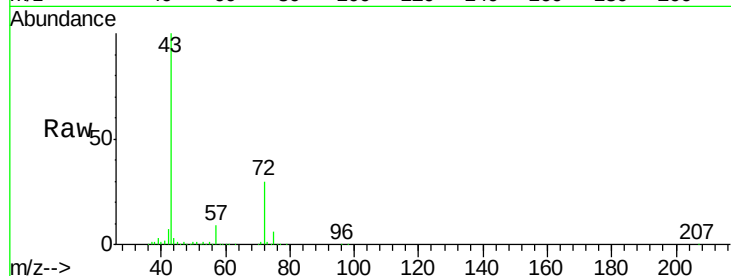
72 30.1 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.247 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019238.D

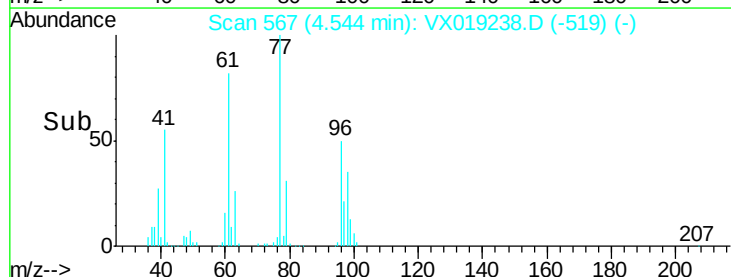
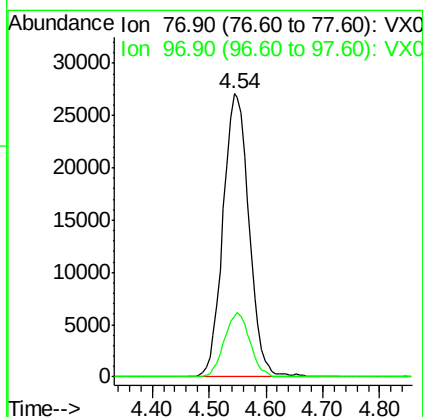
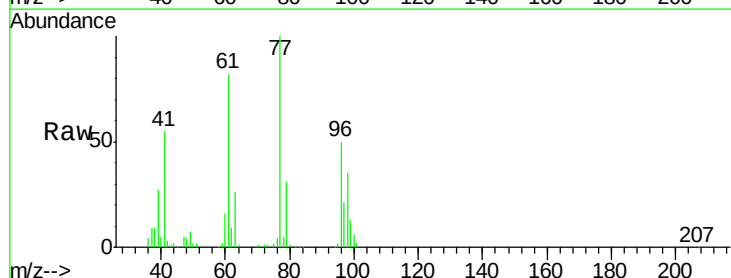
Acq: 03 Nov 2020 17:25

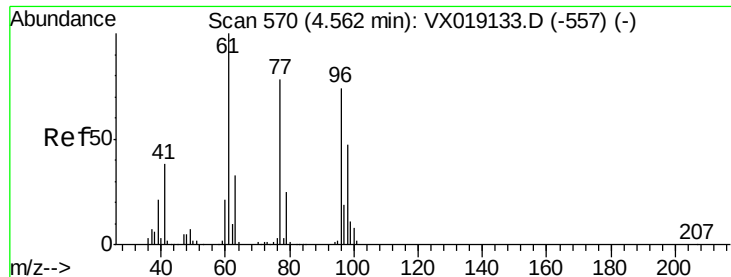
Tgt Ion: 77 Resp: 86221

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

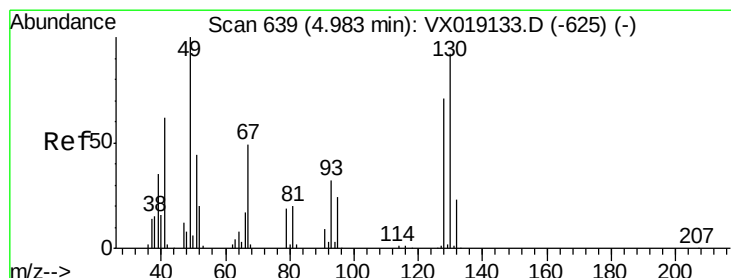
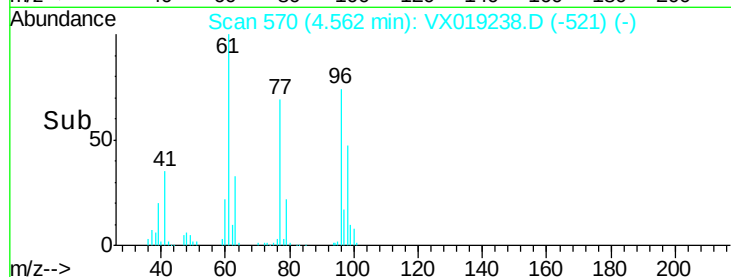
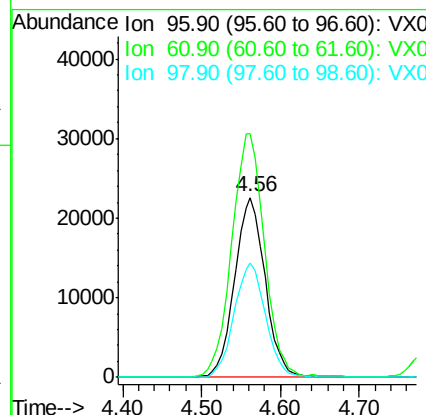
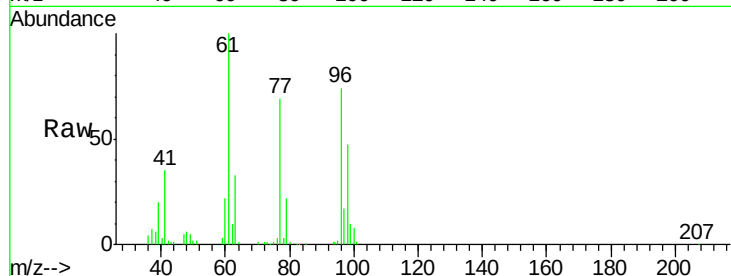
cis-1,2-Dichloroethene
Concen: 18.720 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	278.8
98	65.2	0.0	130.2

Manual Integrations
APPROVED

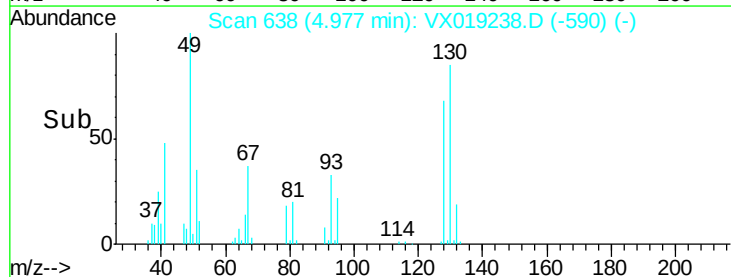
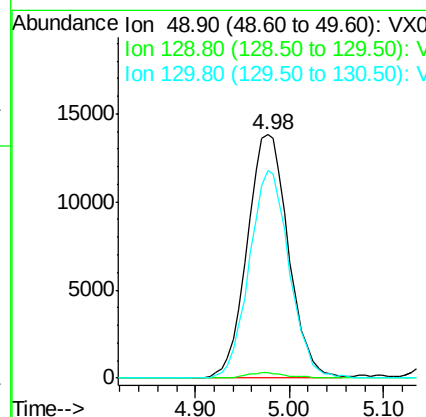
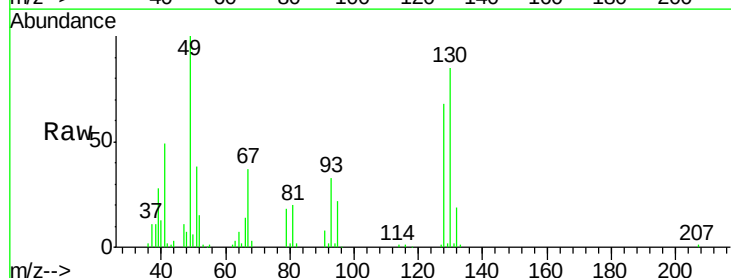
MMDadoda
11/4/2020 11:58:50 AM

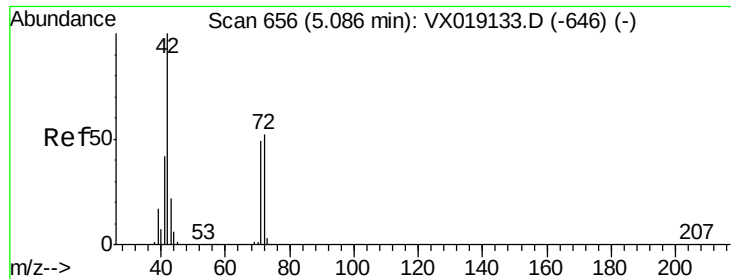


#28

Bromochloromethane
Concen: 19.576 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	82.6	71.3	106.9





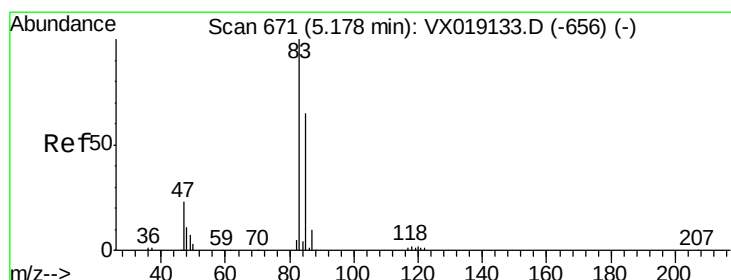
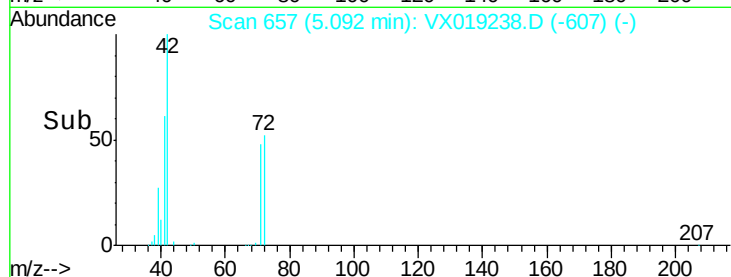
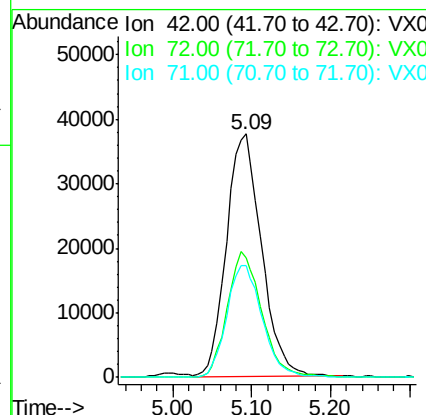
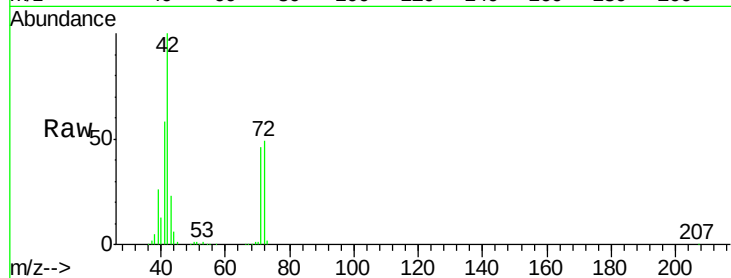
#29
Tetrahydrofuran
Concen: 100.876 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	42.6	63.8
71	46.9	39.7	59.5

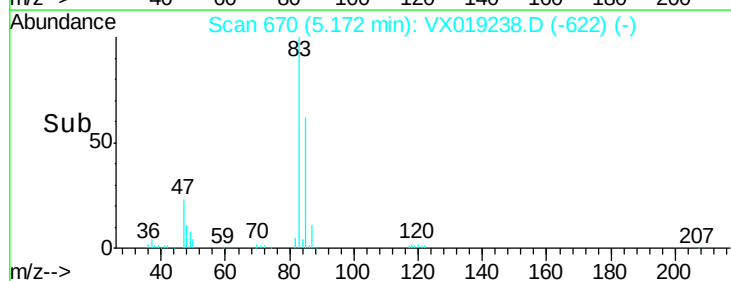
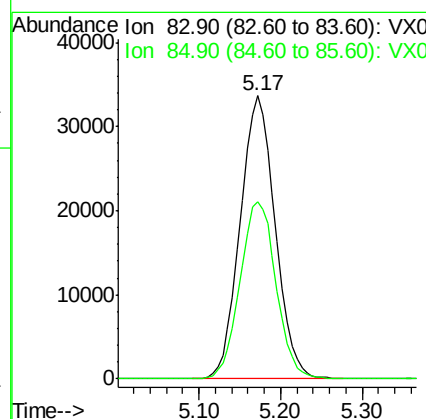
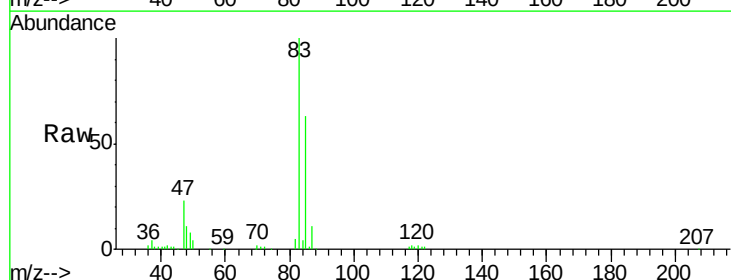
Manual Integrations
APPROVED

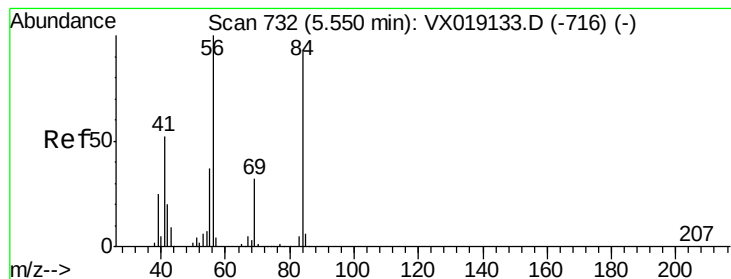
MMDadoda
11/4/2020 11:58:50 AM



#30
Chloroform
Concen: 19.725 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.9	77.9





#31

Cyclohexane

Concen: 19.289 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

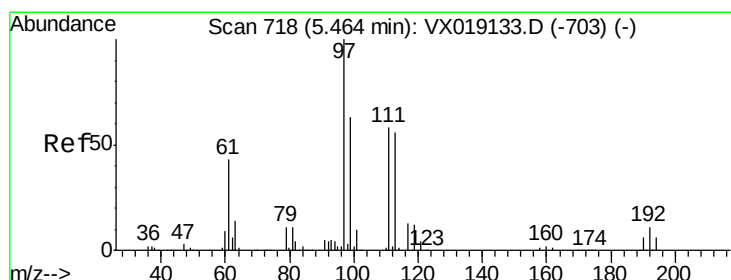
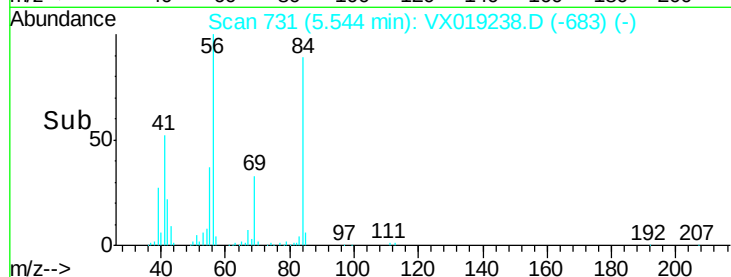
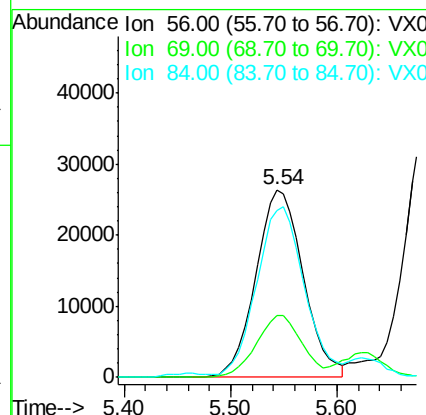
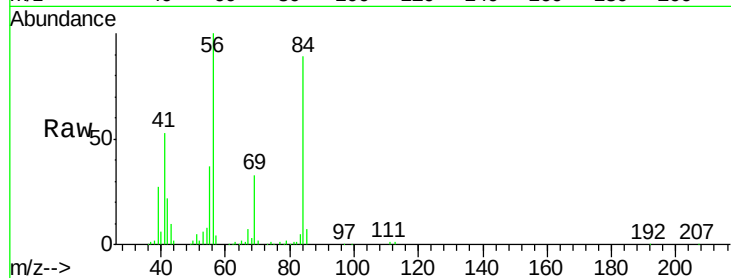
ClientSampleId :

VX1104WBSD01

Tot Ion:	56	Resp:	82000
Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.9	38.9
84	86.7	73.4	110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.234 ug/l

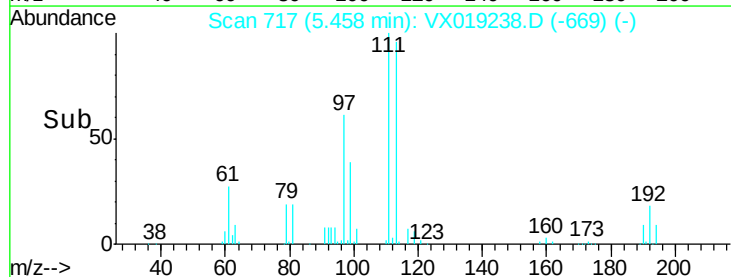
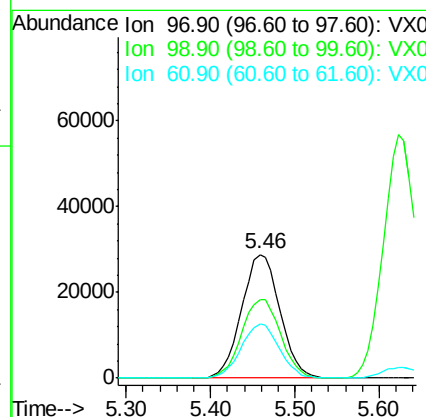
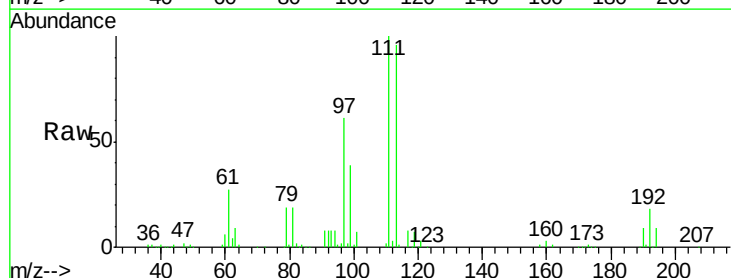
RT: 5.46 min Scan# 717

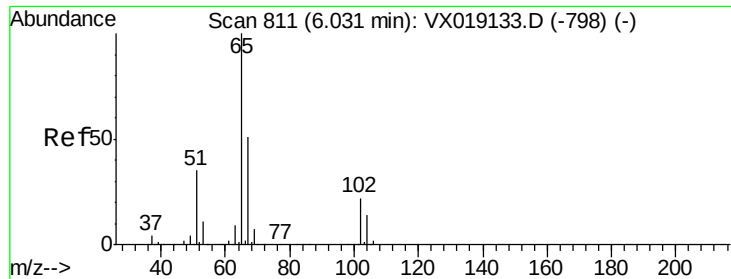
Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	97	Resp:	88450
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.7	77.5
61	43.9	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.036 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampled :

VX1104WBSD01

Tot Ion: 65 Resp: 168273

Ion Ratio Lower Upper

65 100

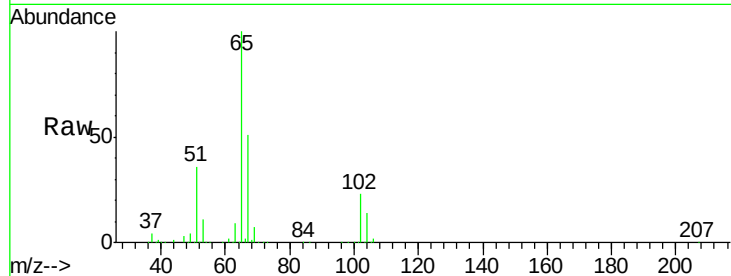
67 51.2 0.0 103.0

Manual Integrations

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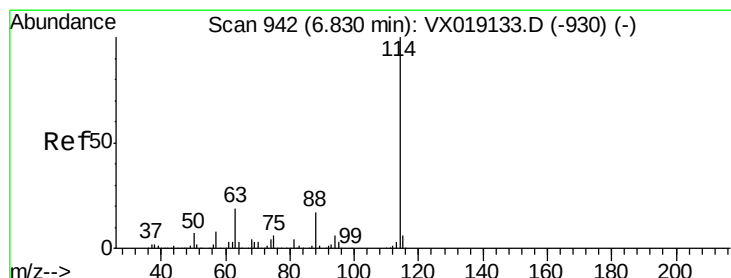
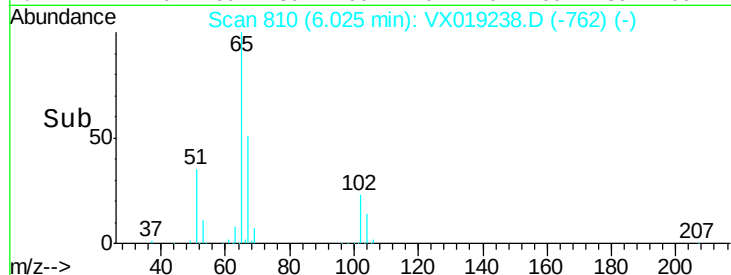
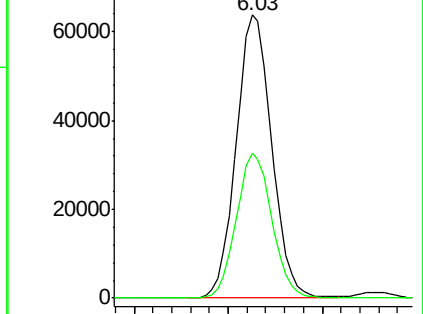
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

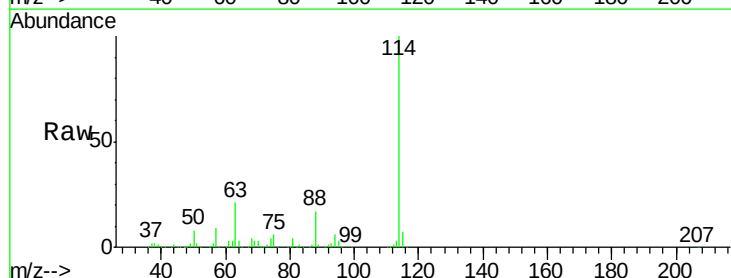
Tgt Ion: 114 Resp: 434132

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

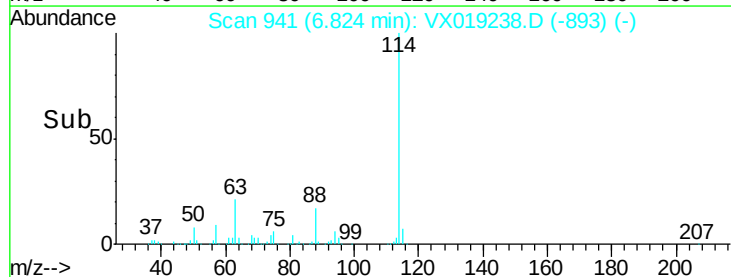
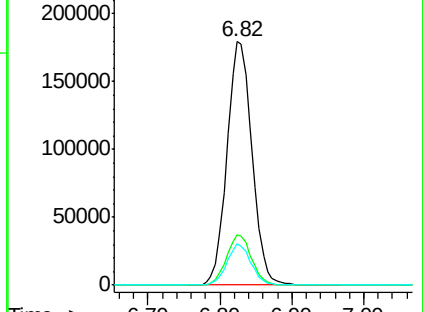
88 16.8 0.0 34.2

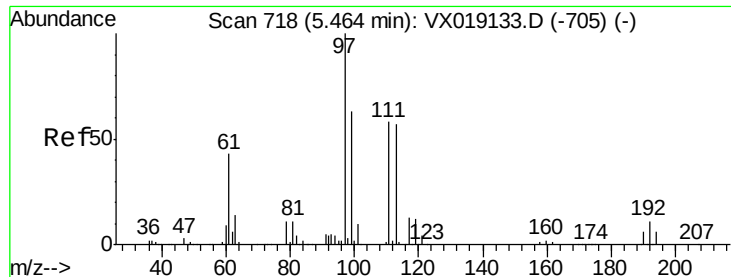


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.554 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

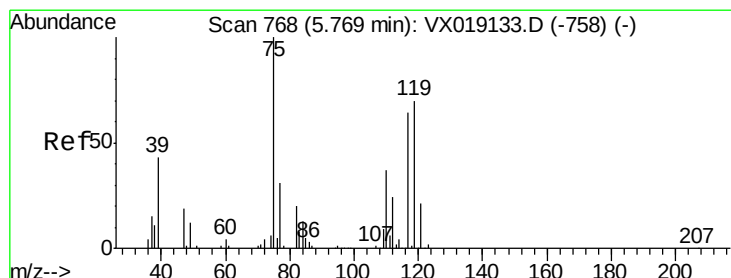
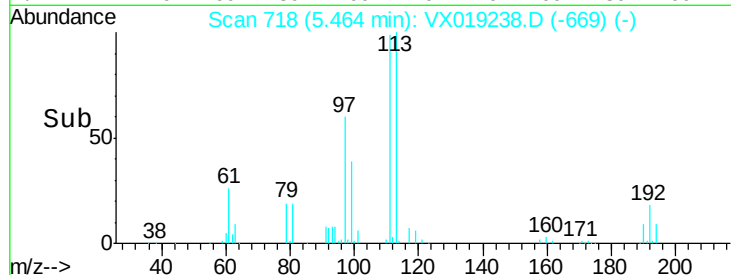
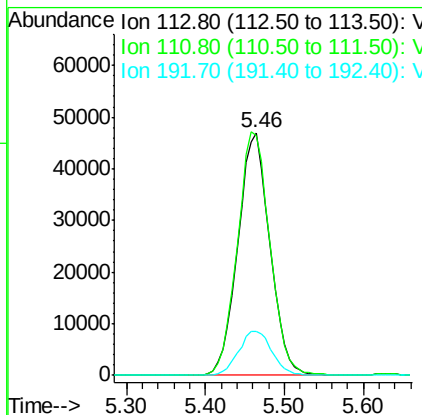
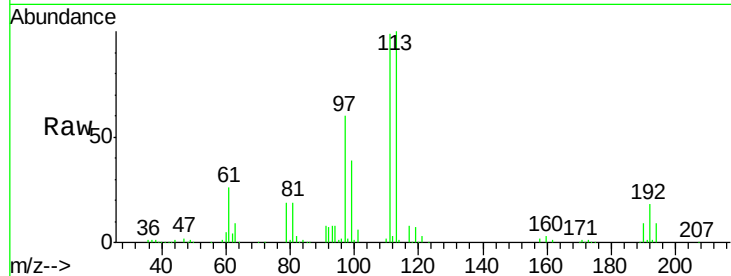
ClientSampleId :

VX1104WBSD01

Tot Ion:	113	Resp:	132405
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.3	123.5
192	19.0	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.465 ug/l

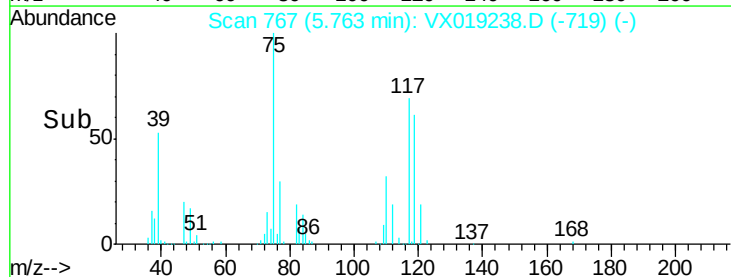
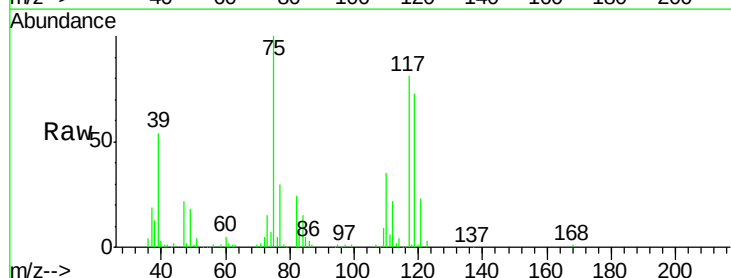
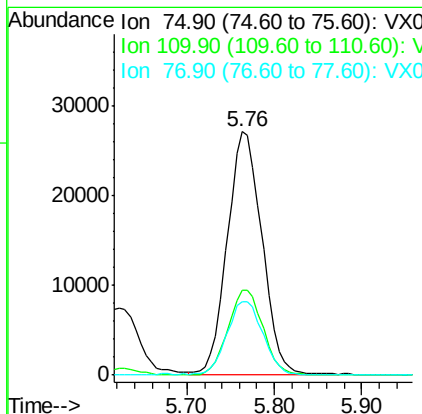
RT: 5.76 min Scan# 767

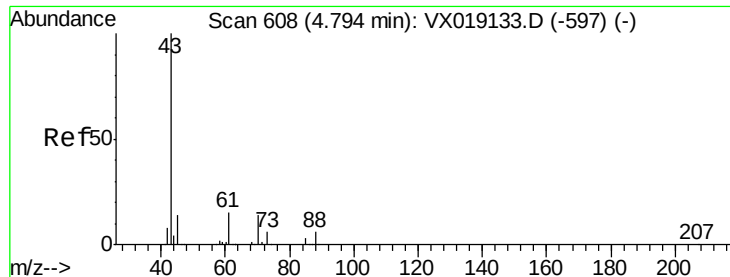
Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	75	Resp:	74024
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.3	54.9
77	31.9	24.9	37.3





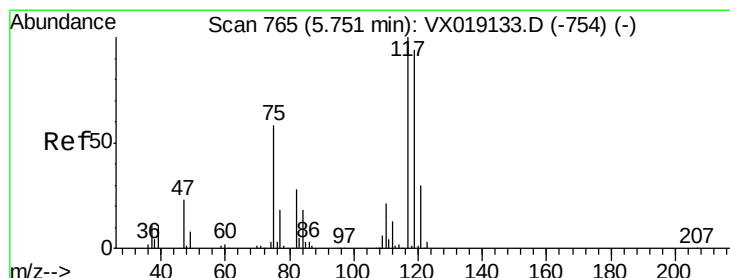
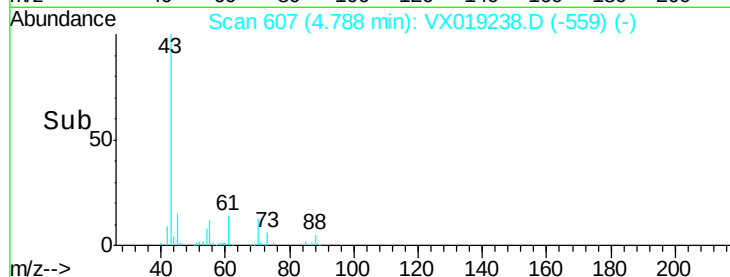
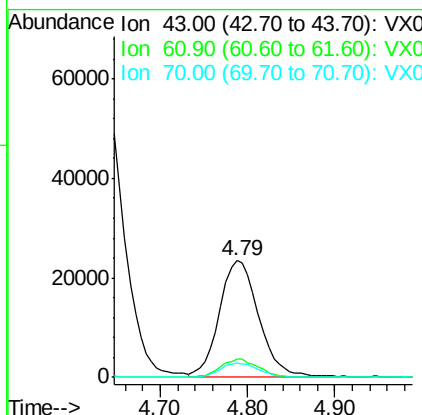
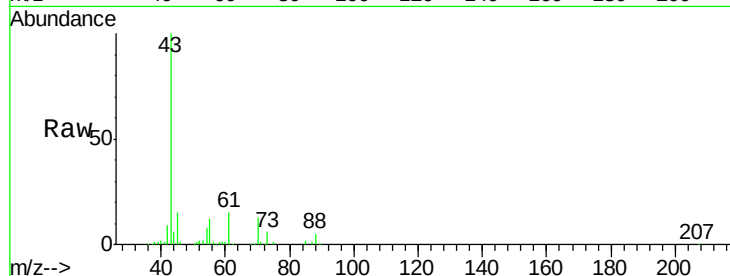
#37
Ethyl Acetate
Concen: 19.381 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	12.3	10.5	15.7

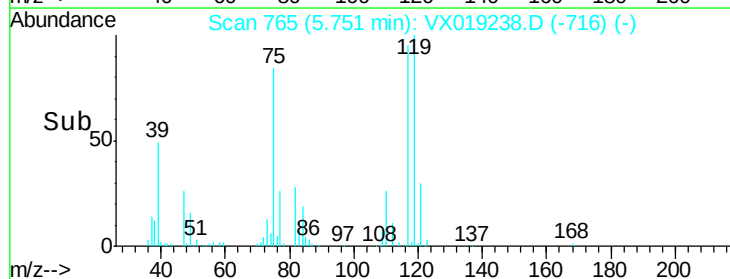
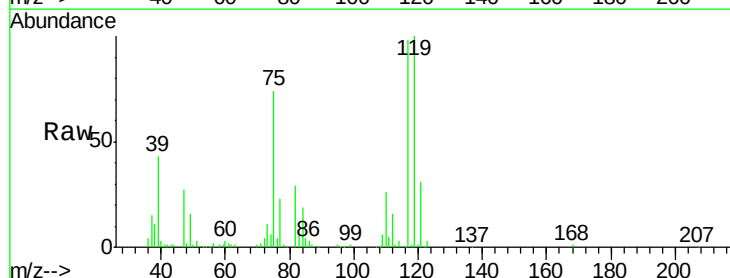
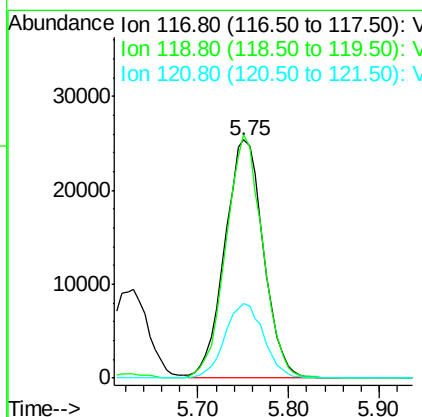
Manual Integrations
APPROVED

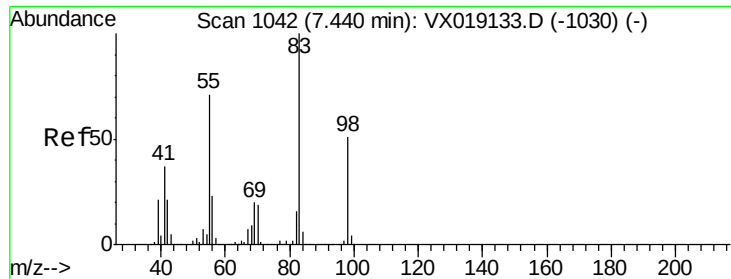
MMDadoda
11/4/2020 11:58:50 AM



#38
Carbon Tetrachloride
Concen: 18.345 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.5	75.0	112.6
121	31.4	23.9	35.9





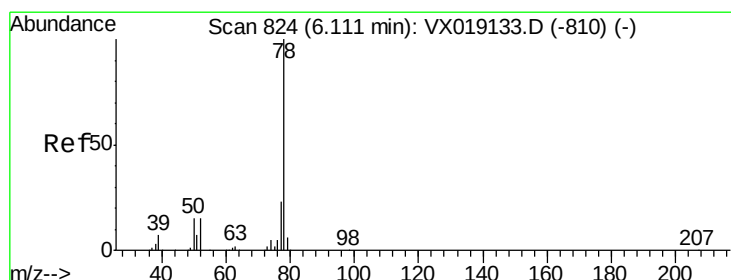
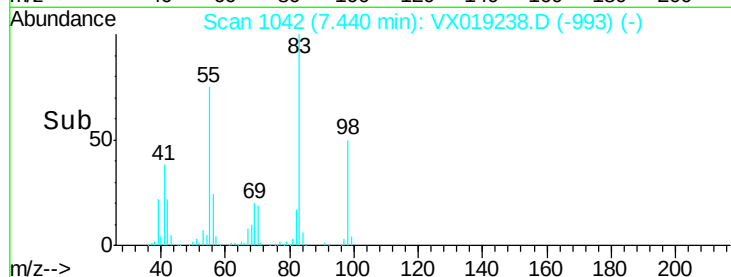
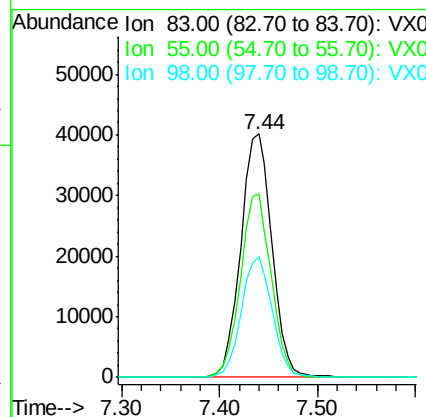
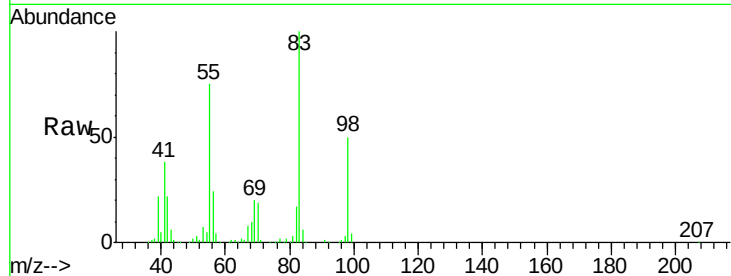
#39
Methylvlcyclohexane
Concen: 18.506 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	83	Resp	88709
Ion	Ratio	Lower	Upper
83	100		
55	75.1	57.0	85.6
98	49.5	40.5	60.7

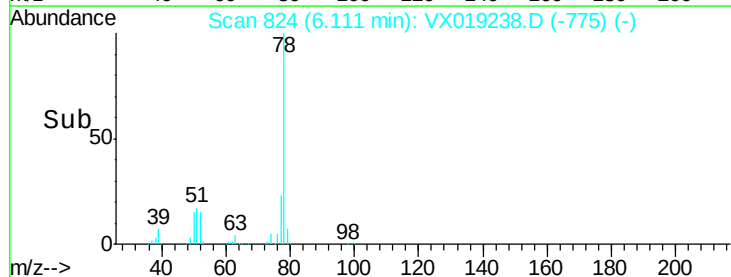
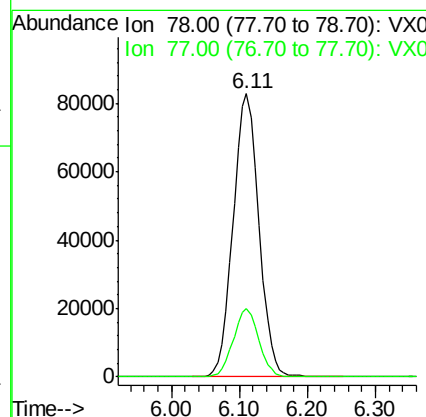
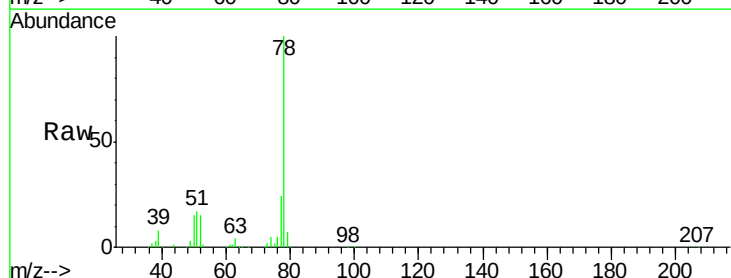
Manual Integrations
APPROVED

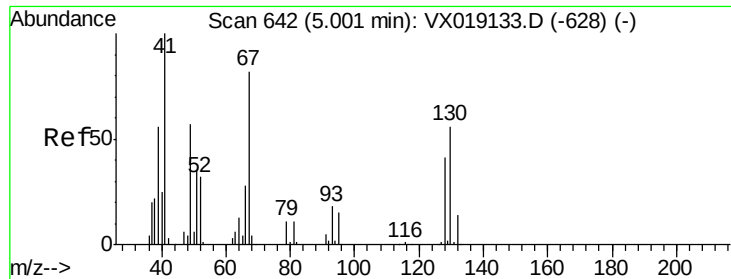
MMDadoda
11/4/2020 11:58:50 AM



#40
Benzene
Concen: 19.175 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	78	Resp	217952
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





#41

Methacrylonitrile

Concen: 19.453 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

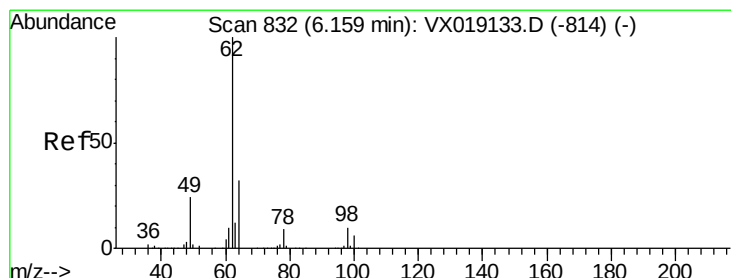
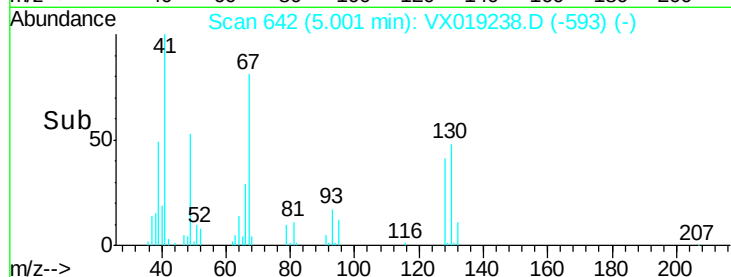
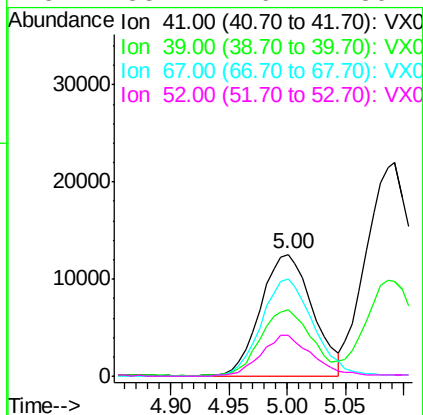
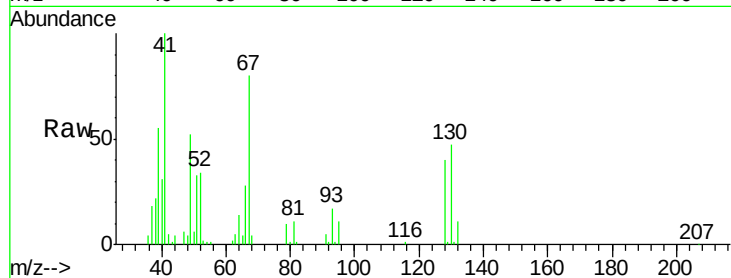
ClientSampleId :

VX1104WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	44.4	66.6	
67	80.3	66.4	99.6	
52	33.2	26.2	39.4	

Manual Integrations
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11/4/2020 11:58:50 AM



#42

1,2-Dichloroethane

Concen: 19.512 ug/l

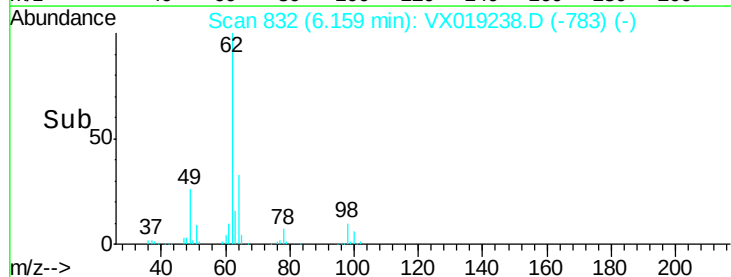
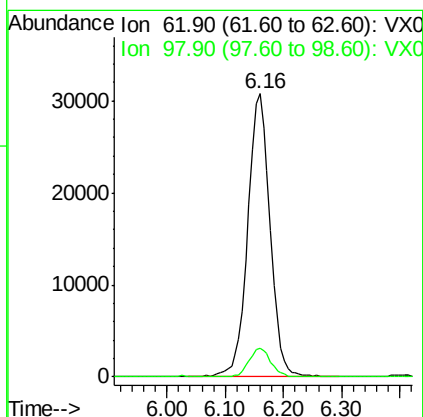
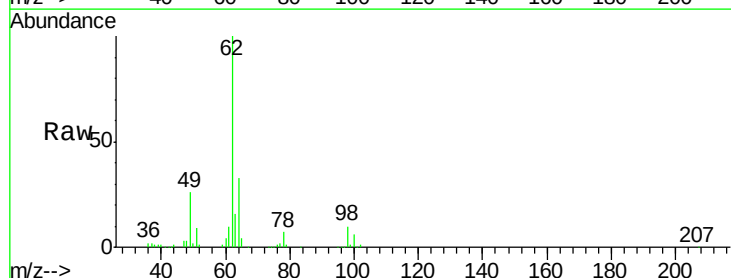
RT: 6.16 min Scan# 832

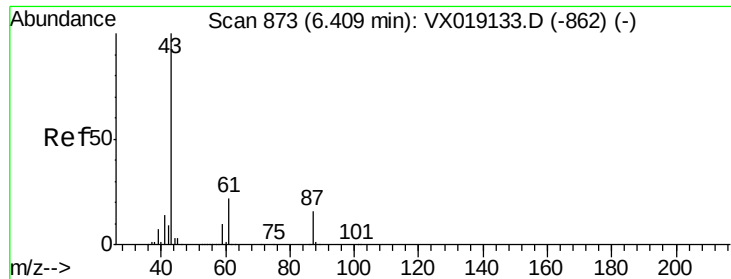
Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.0	





#43

Isopropyl Acetate

Concen: 19.101 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

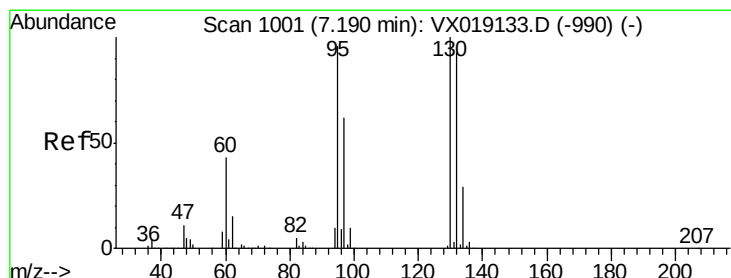
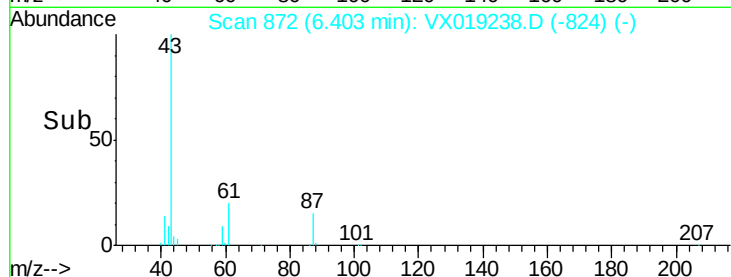
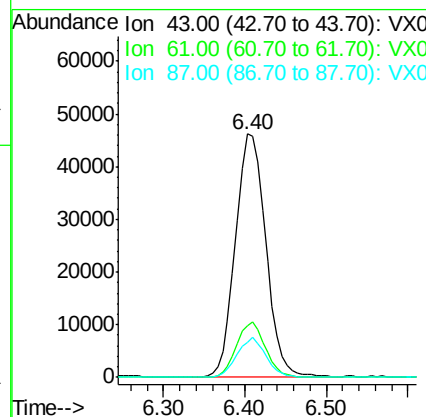
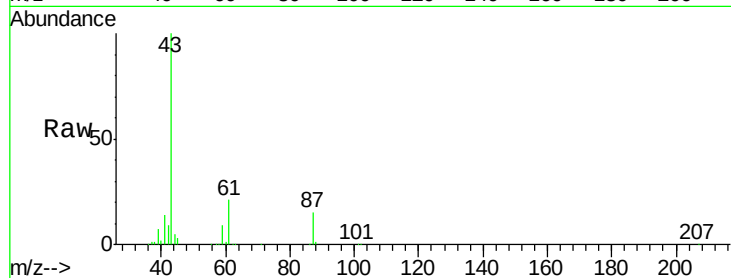
ClientSampleId :

VX1104WBSD01

Tot Ion:	43	Resp:	119044
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	15.5	12.6	19.0

Manual Integrations
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11/4/2020 11:58:50 AM



#44

Trichloroethene

Concen: 18.287 ug/l

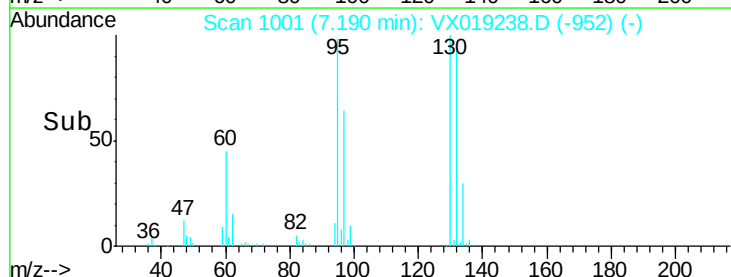
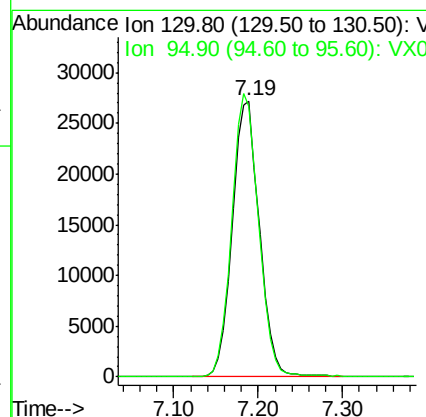
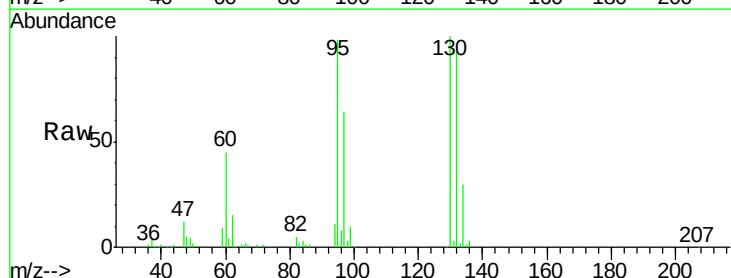
RT: 7.19 min Scan# 1001

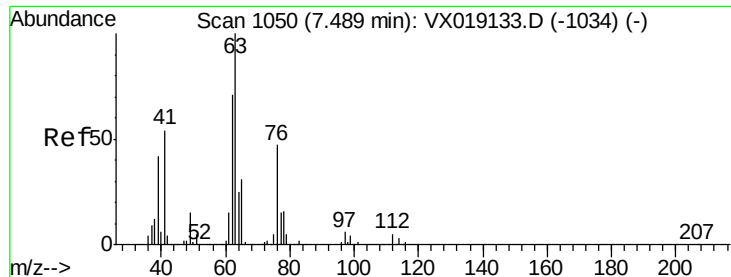
Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	130	Resp:	59529
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.797 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 63 Resp: 55115

Ion Ratio Lower Upper

63 100

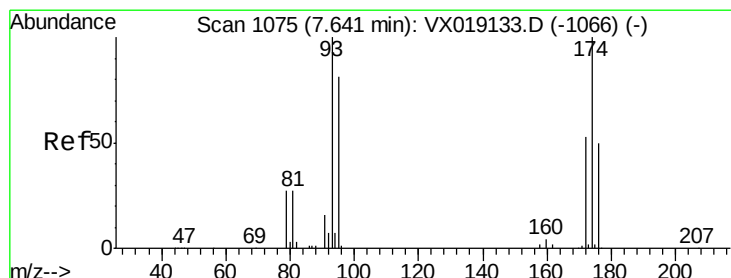
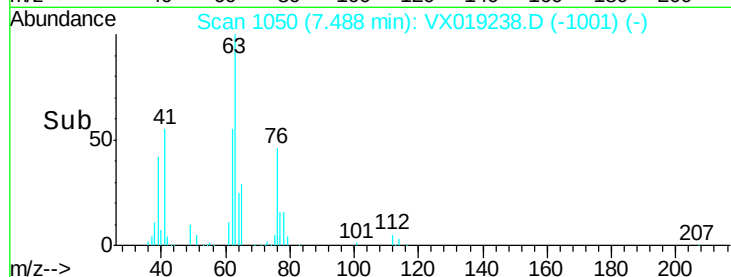
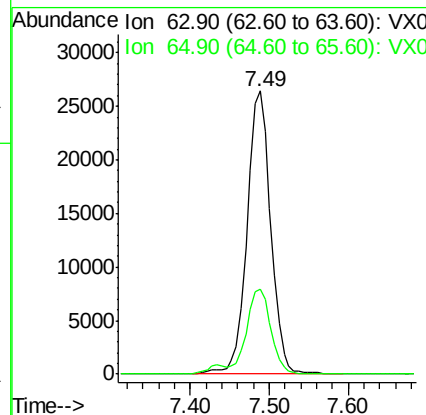
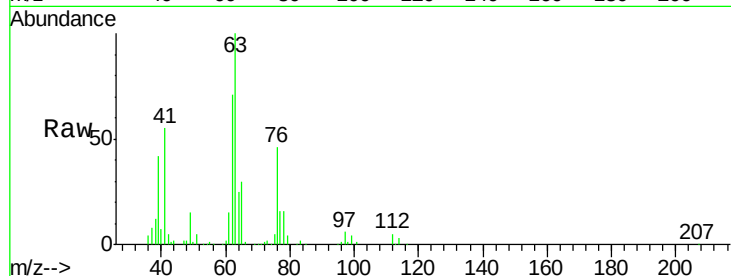
65 29.9 25.2 37.8

Manual Integrations

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MMDadoda

11/4/2020 11:58:50 AM



#46

Dibromomethane

Concen: 19.069 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

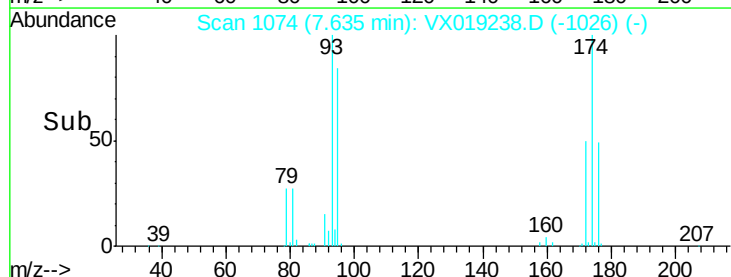
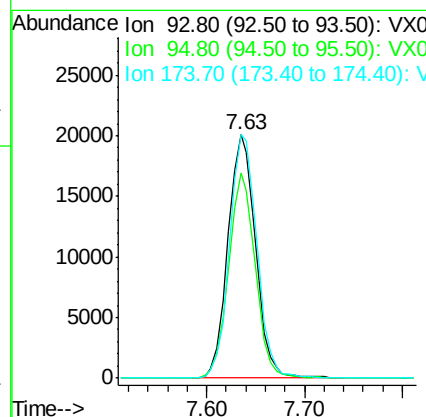
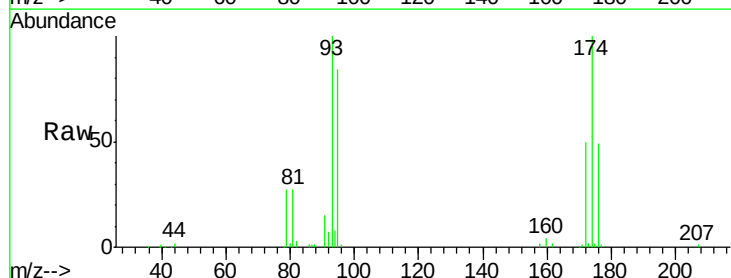
Tgt Ion: 93 Resp: 39257

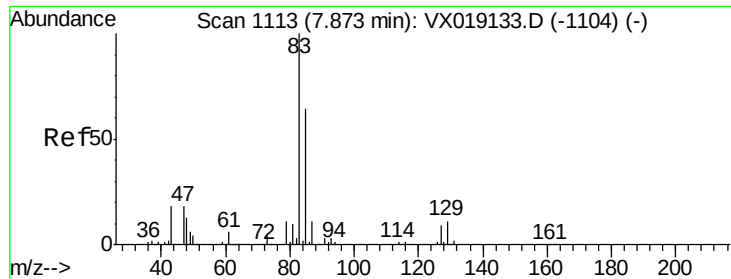
Ion Ratio Lower Upper

93 100

95 81.5 67.0 100.6

174 99.3 81.7 122.5





#47

Bromodichloromethane

Concen: 18.850 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

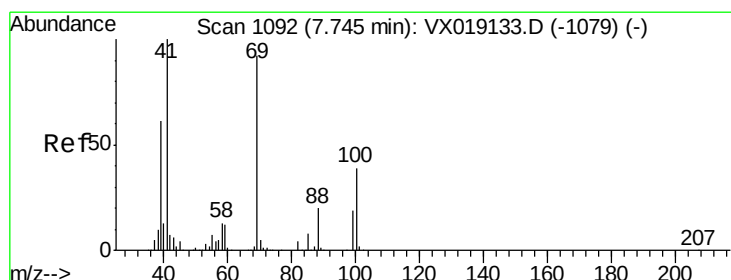
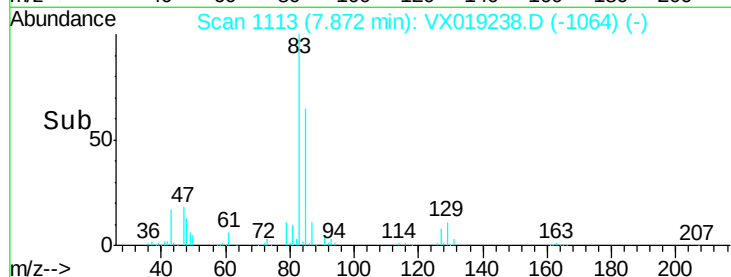
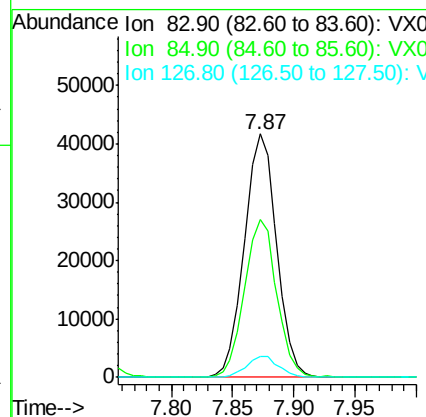
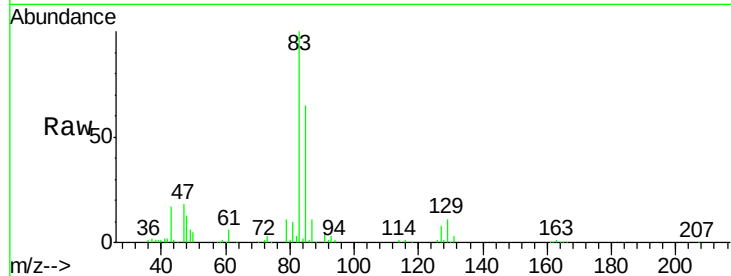
ClientSampleId :

VX1104WBSD01

Tot Ion:	83	Resp:	76491
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.2	76.8
127	8.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.040 ug/l

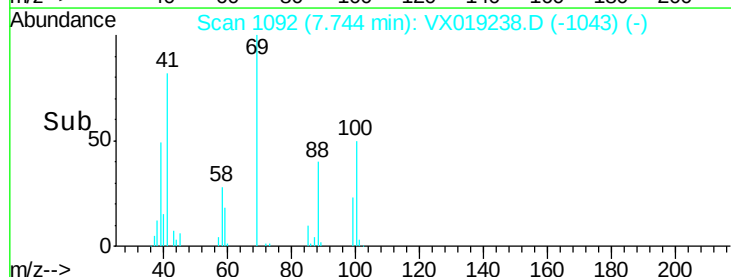
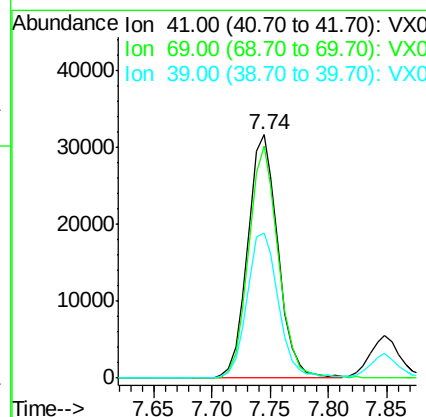
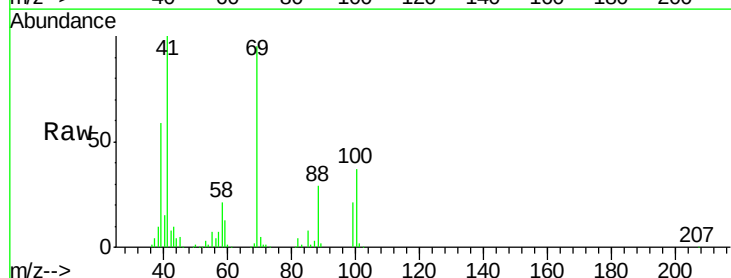
RT: 7.74 min Scan# 1092

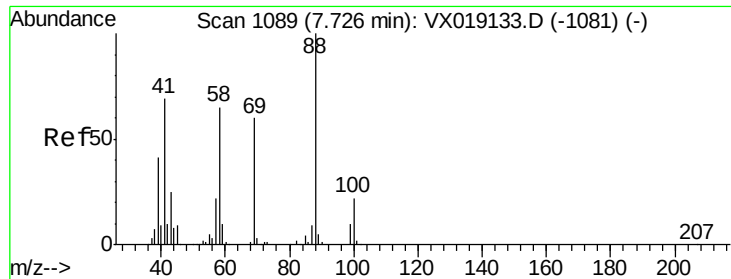
Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	41	Resp:	57116
Ion Ratio	Lower	Upper	
41	100		
69	93.8	75.5	113.3
39	62.1	48.9	73.3





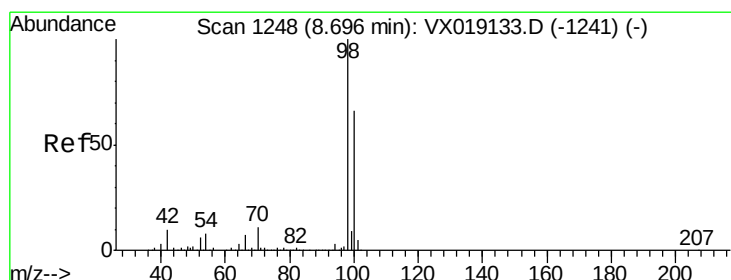
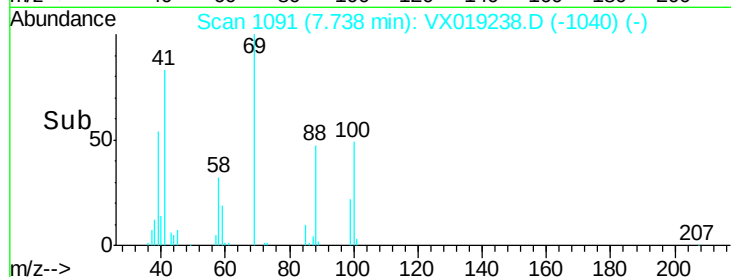
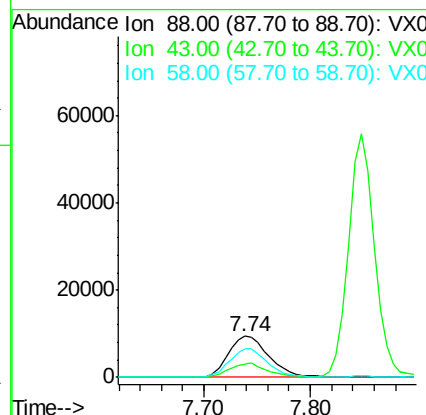
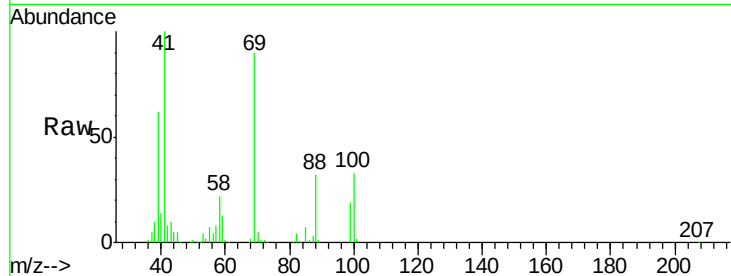
#49
1,4-Dioxane
Concen: 378.214 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.0	34.6
58	66.3	52.2	78.2

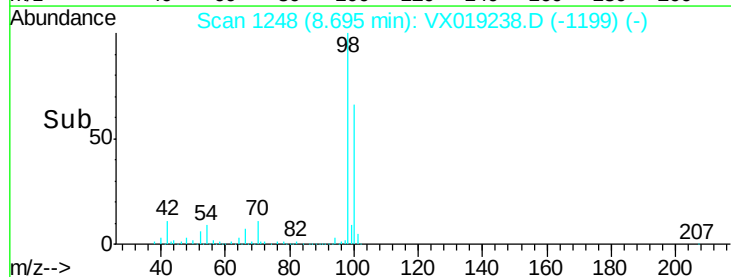
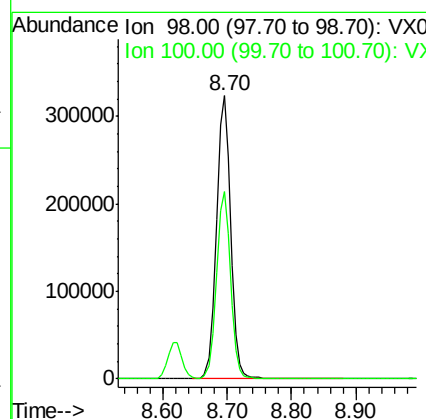
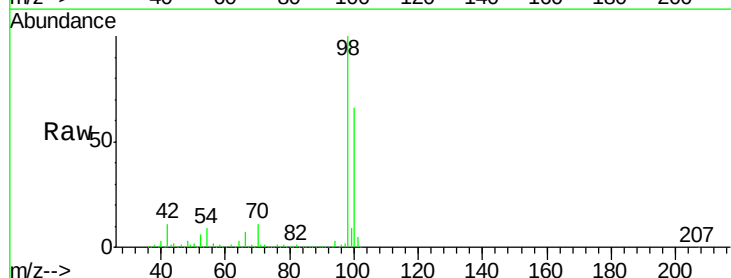
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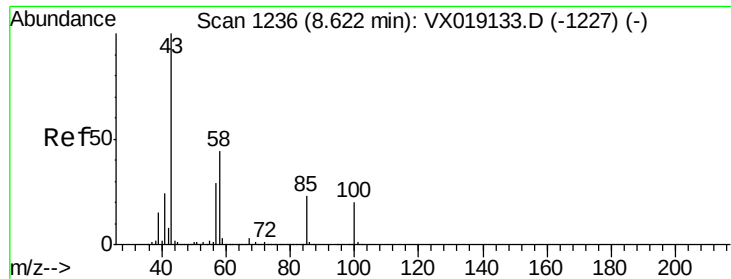
MMDadoda
11/4/2020 11:58:50 AM



#50
Toluene-d8
Concen: 48.893 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6





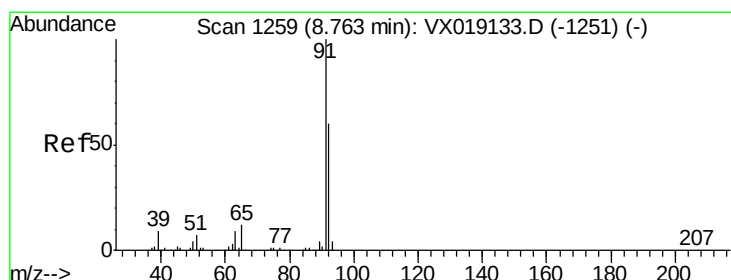
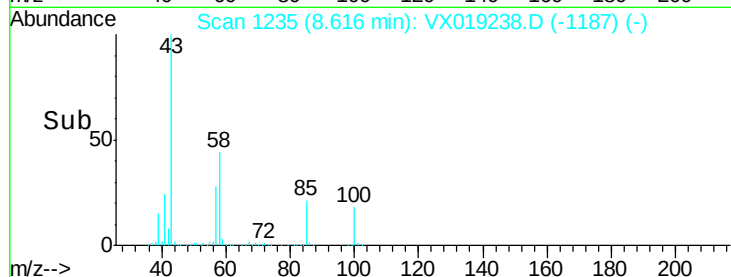
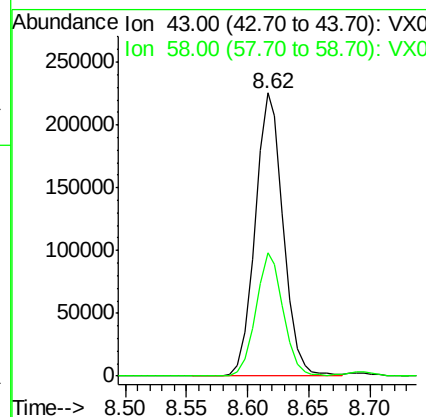
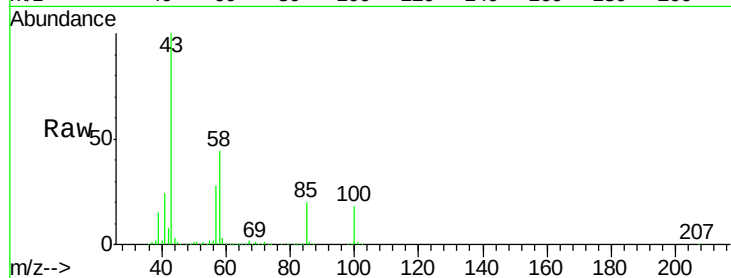
#51
 4-Methyl-2-Pentanone
 Concen: 100.188 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion: 43 Resp: 358885
 Ion Ratio Lower Upper
 43 100
 58 42.4 35.0 52.4

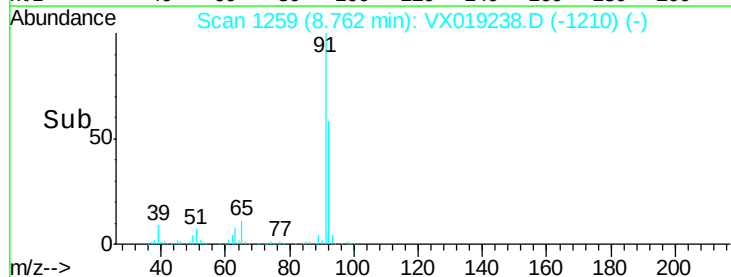
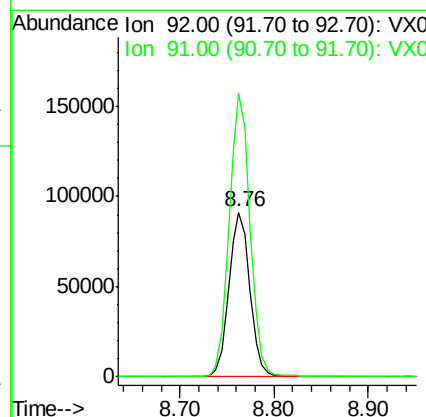
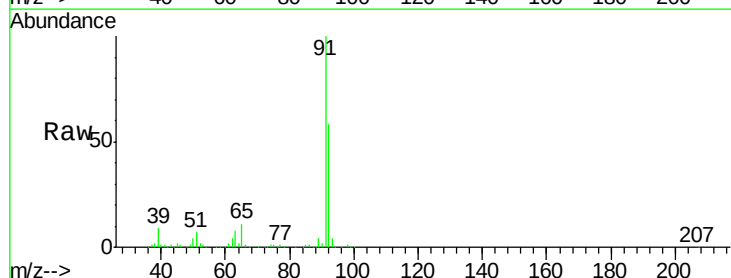
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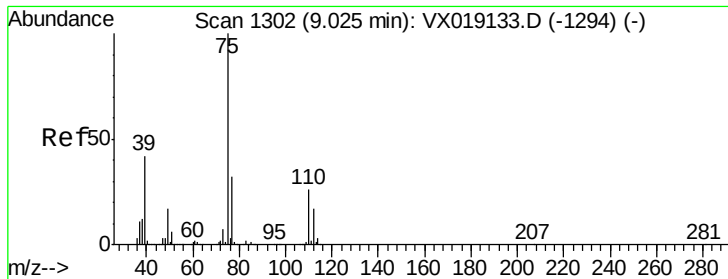
MMDadoda
 11/4/2020 11:58:50 AM



#52
 Toluene
 Concen: 19.236 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion: 92 Resp: 140822
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.3 204.5





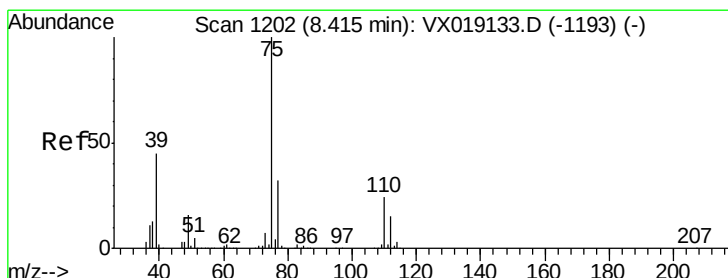
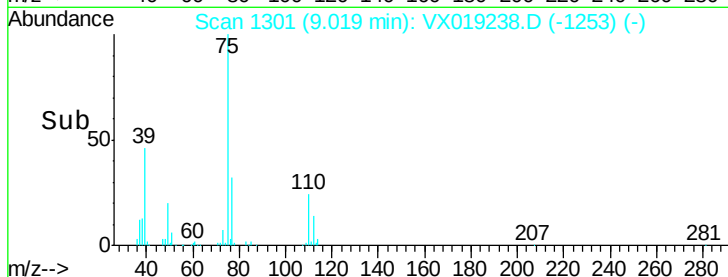
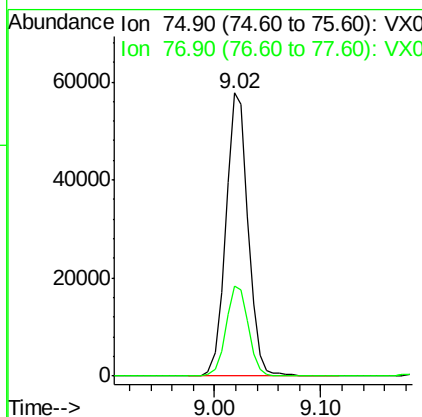
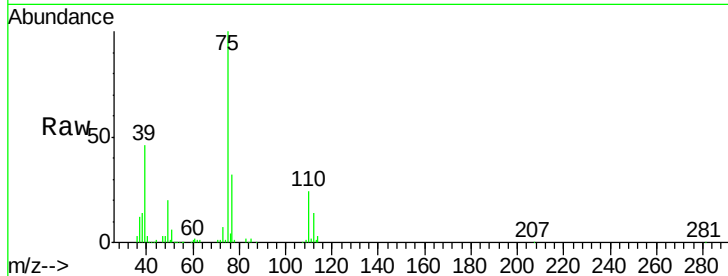
#53
t-1,3-Dichloropropene
Concen: 18.242 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion: 75 Resp: 84549
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

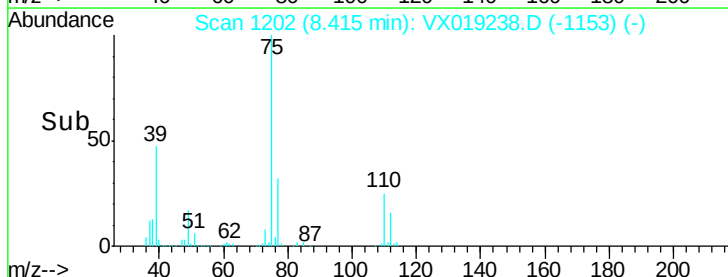
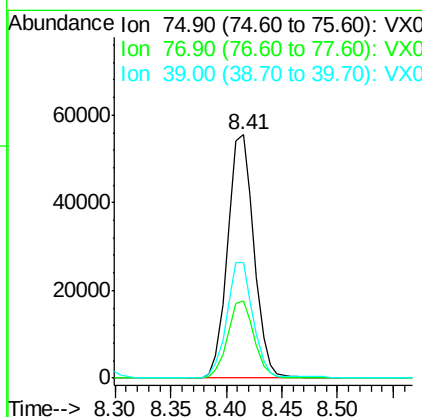
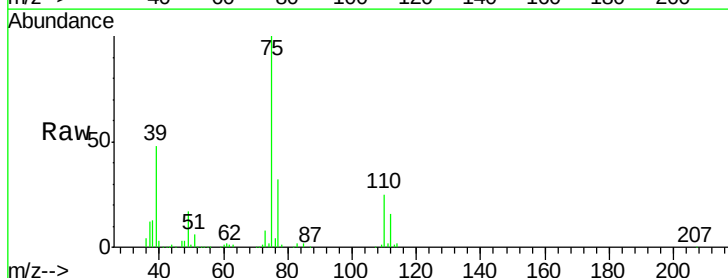
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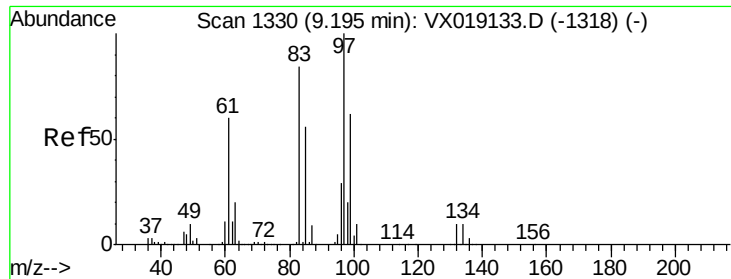
MMDadoda
11/4/2020 11:58:50 AM



#54
cis-1,3-Dichloropropene
Concen: 18.667 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion: 75 Resp: 90979
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
39 47.4 36.2 54.2





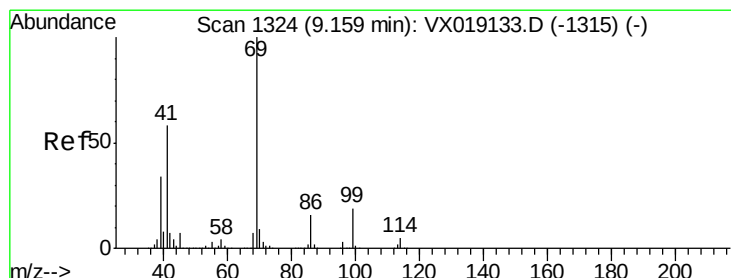
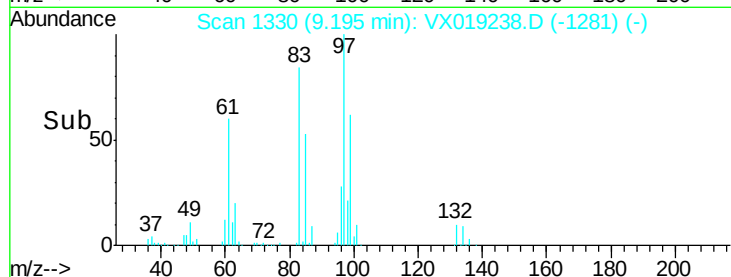
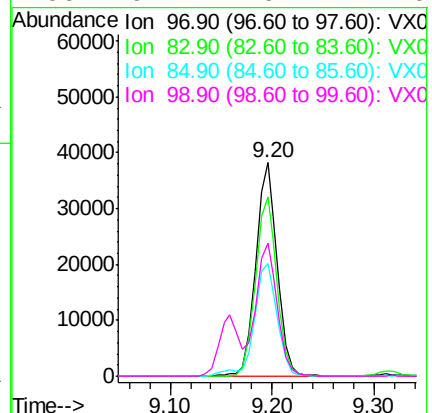
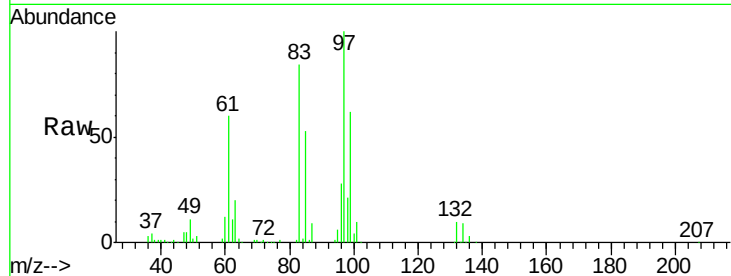
#55
 1,1,2-Trichloroethane
 Concen: 19.357 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion	97	Resp	55991
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.2	100.8
85	52.9	44.6	67.0
99	62.2	49.4	74.0

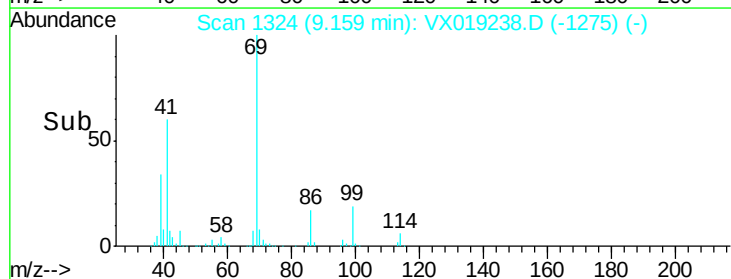
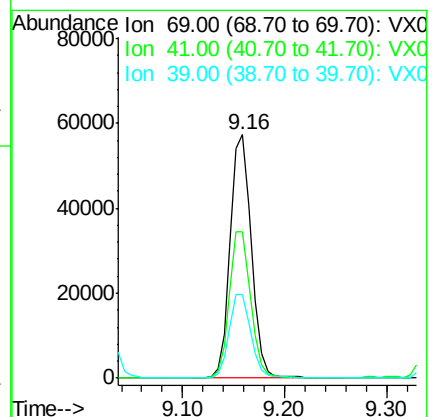
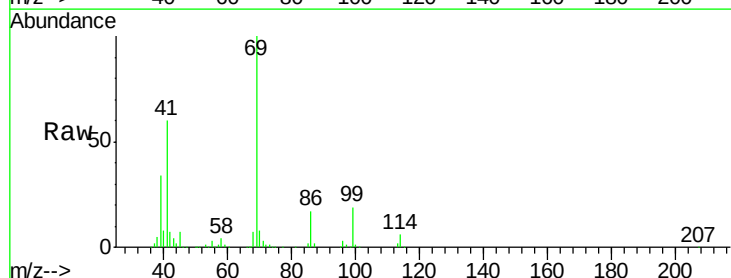
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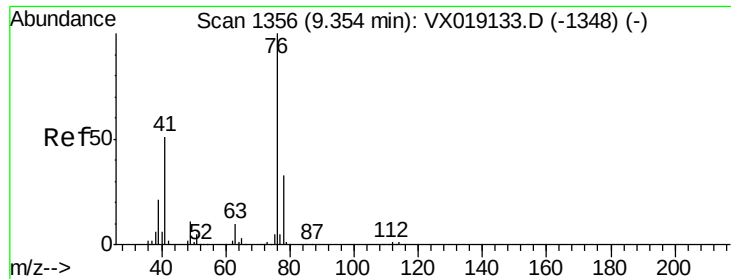
MMDadoda
 11/4/2020 11:58:50 AM



#56
 Ethyl methacrylate
 Concen: 18.787 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion	69	Resp	82079
Ion	Ratio	Lower	Upper
69	100		
41	60.7	46.5	69.7
39	35.3	27.6	41.4





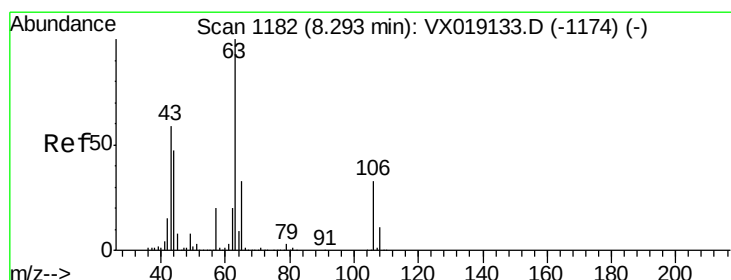
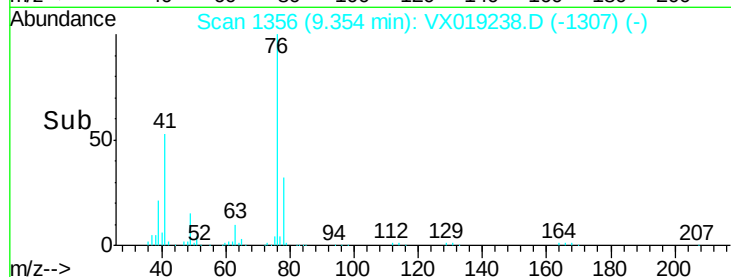
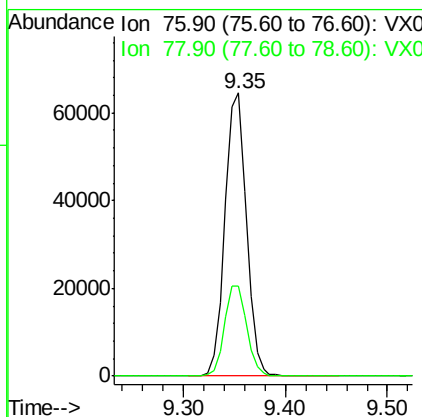
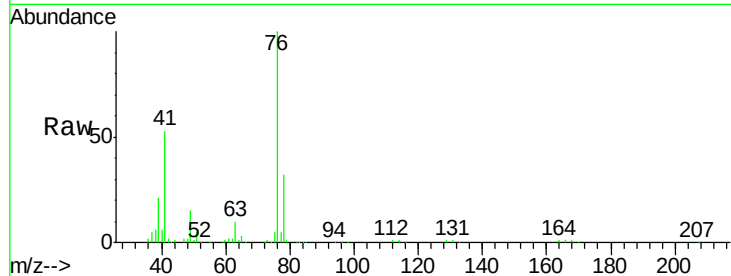
#57
 1,3-Dichloropropane
 Concen: 19.407 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion: 76 Resp: 94641
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9

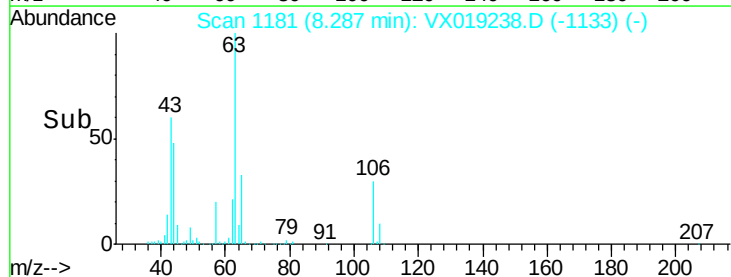
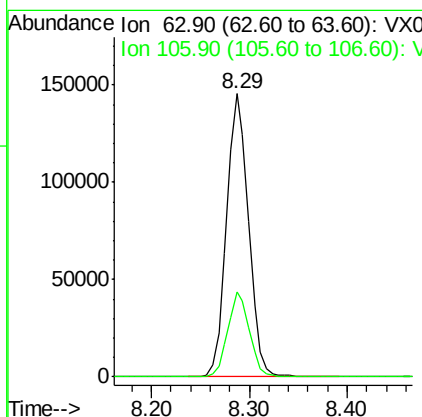
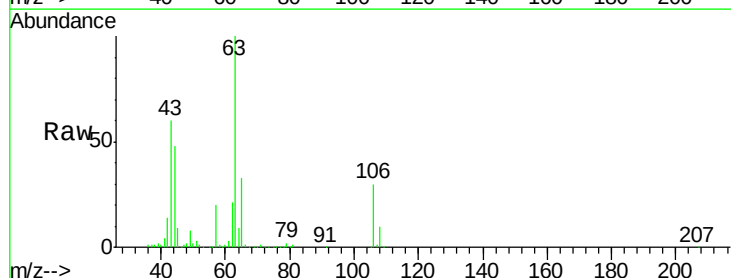
Manual Integrations
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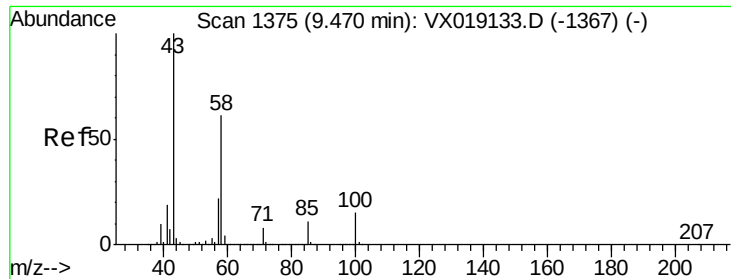
MMDadoda
 11/4/2020 11:58:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.784 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion: 63 Resp: 226710
 Ion Ratio Lower Upper
 63 100
 106 29.6 25.1 37.7





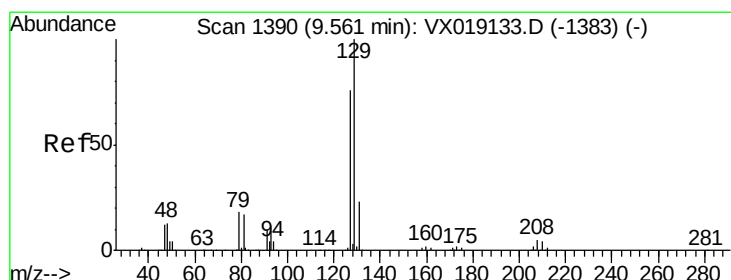
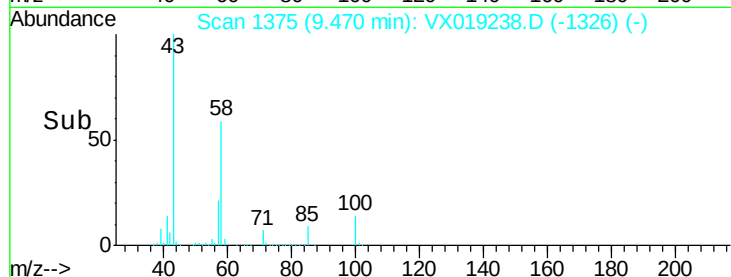
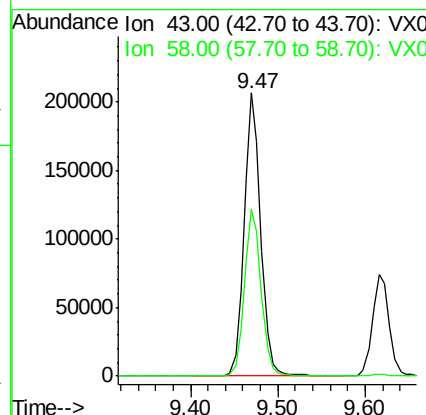
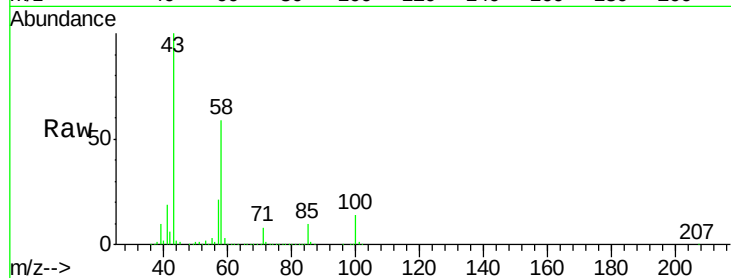
#59
2-Hexanone
Concen: 100.330 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion: 43 Resp: 273573
Ion Ratio Lower Upper
43 100
58 59.9 30.5 91.5

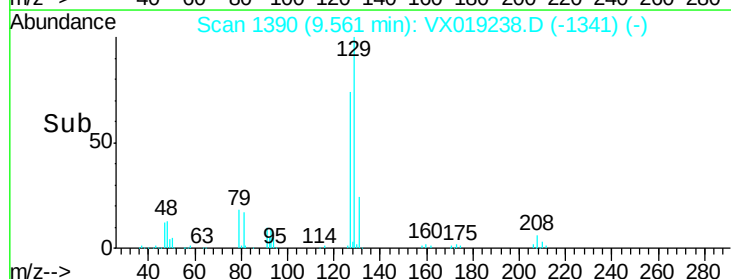
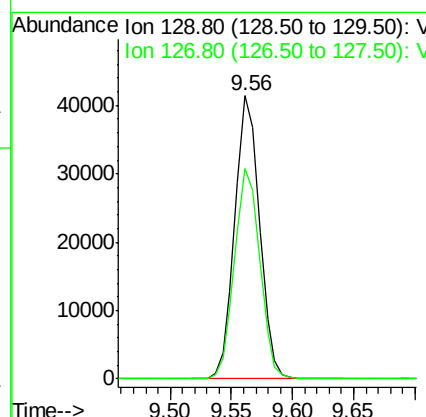
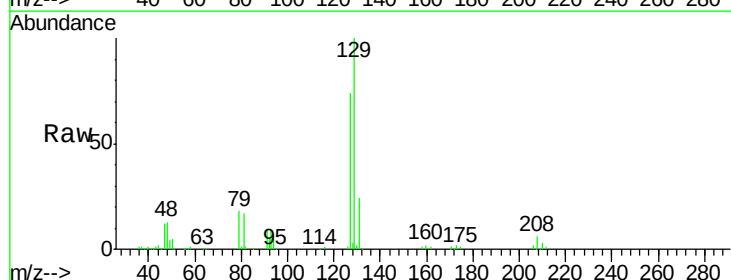
Manual Integrations
APPROVED

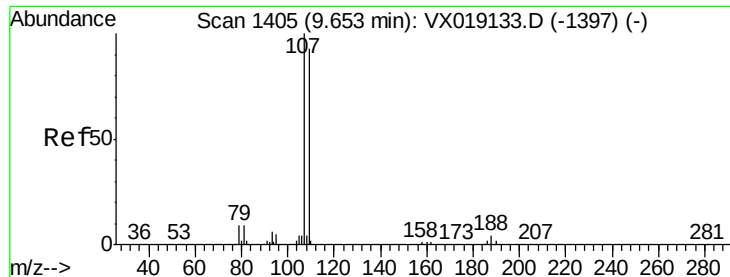
MMDadoda
11/4/2020 11:58:50 AM



#60
Dibromochloromethane
Concen: 18.518 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion: 129 Resp: 58131
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8





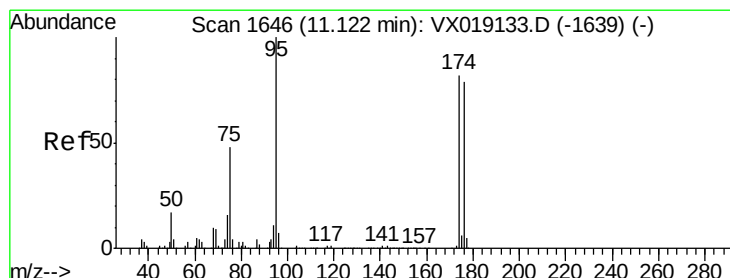
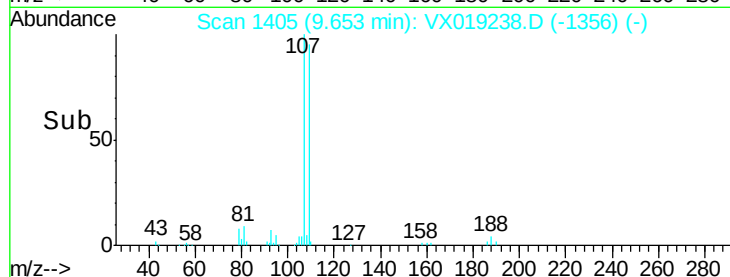
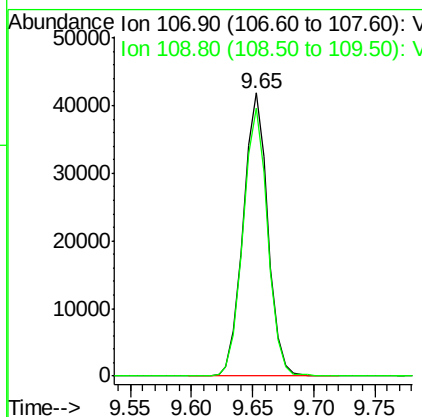
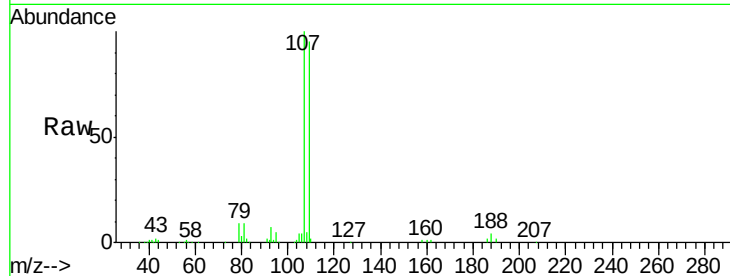
#61
 1,2-Dibromoethane
 Concen: 18.844 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

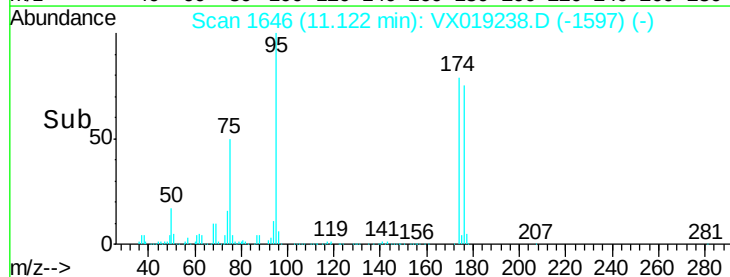
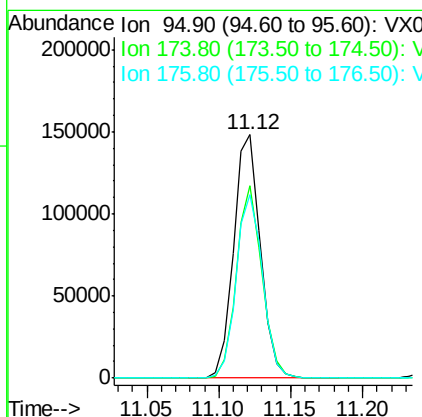
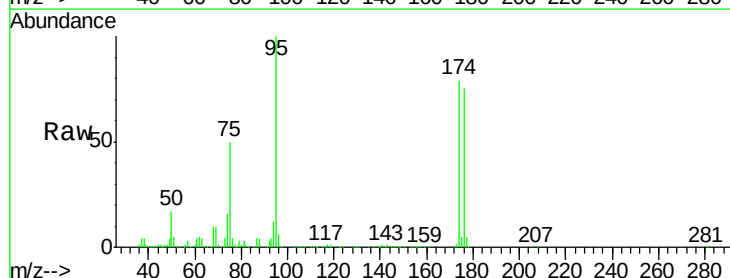
Manual Integrations
 APPROVED

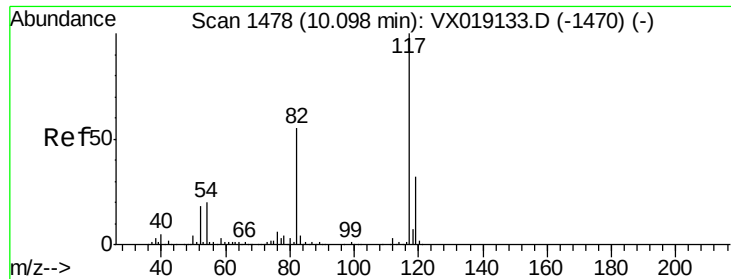
MMDadoda
 11/4/2020 11:58:50 AM



#62
 4-Bromofluorobenzene
 Concen: 49.428 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	156.0
176	74.2	0.0	149.8





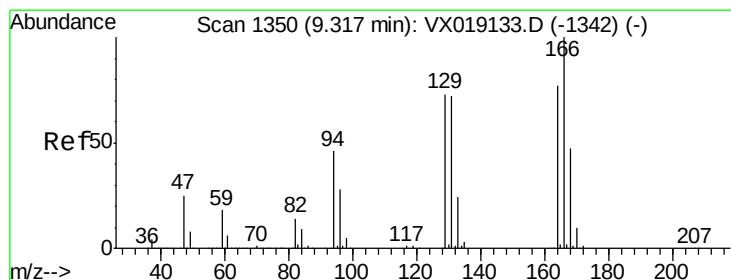
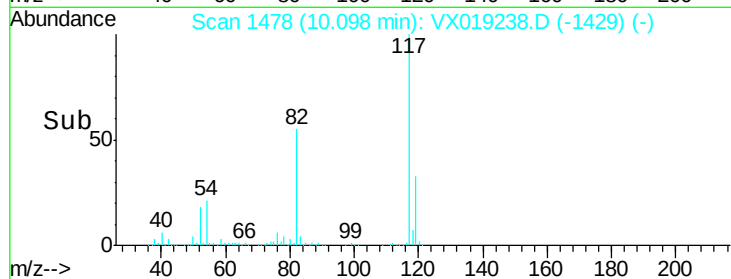
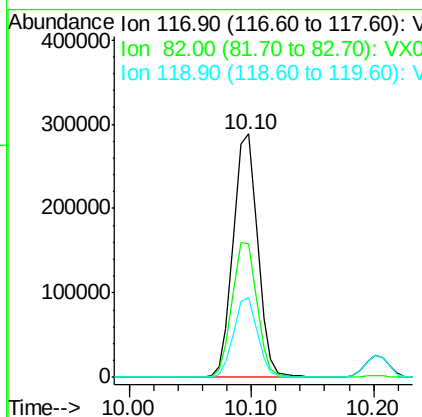
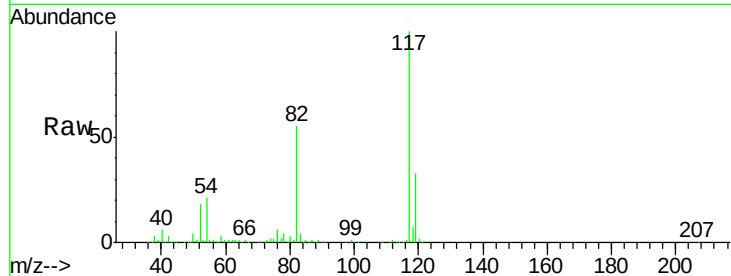
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398468		
82	54.7	43.6	65.4	
119	32.6	25.5	38.3	

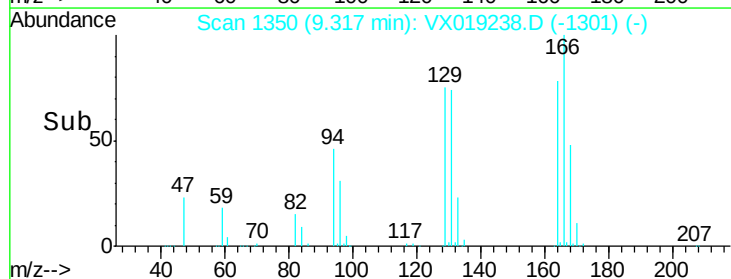
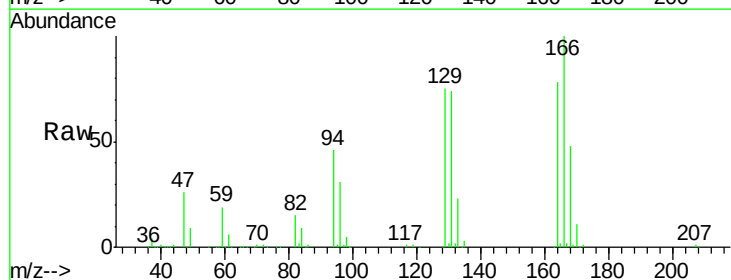
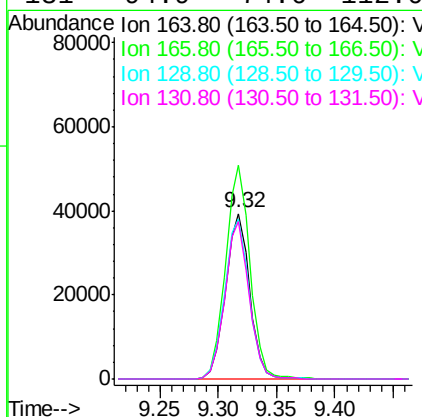
Manual Integrations
APPROVED

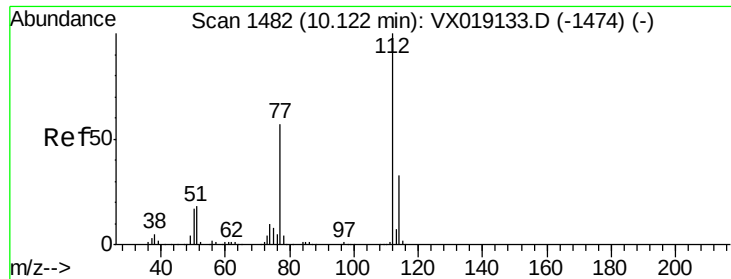
MMDadoda
11/4/2020 11:58:50 AM



#64
Tetrachloroethene
Concen: 18.573 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56385		
166	128.9	104.1	156.1	
129	96.8	76.2	114.4	
131	94.9	74.6	112.0	





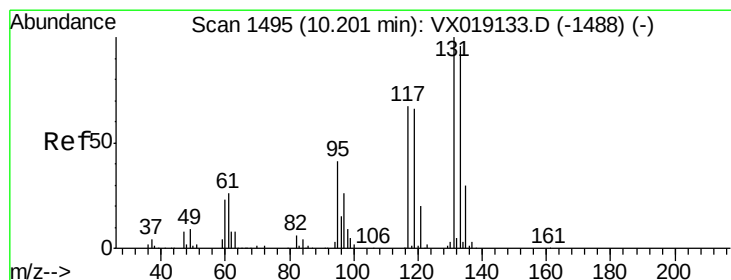
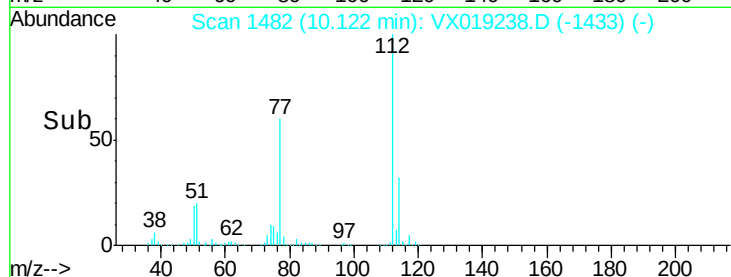
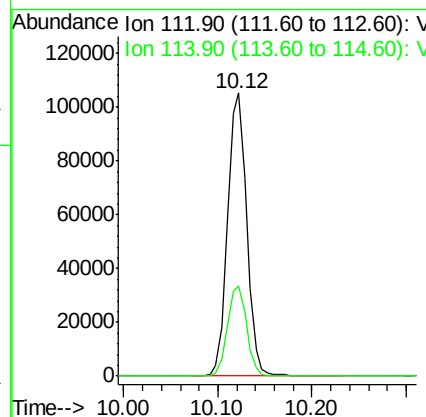
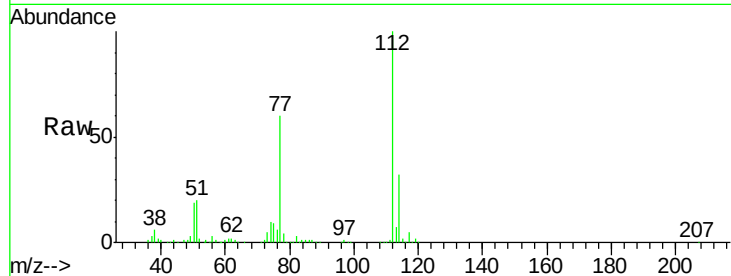
#65
Chlorobenzene
Concen: 18.134 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion:112 Resp: 147686
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1

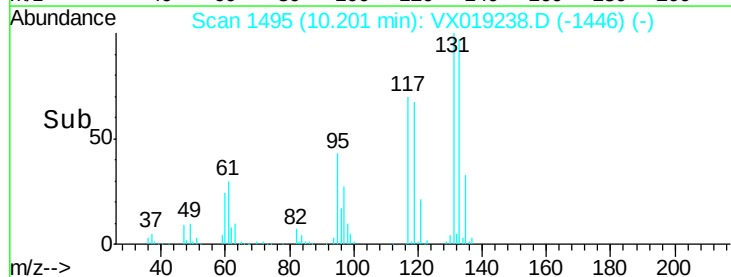
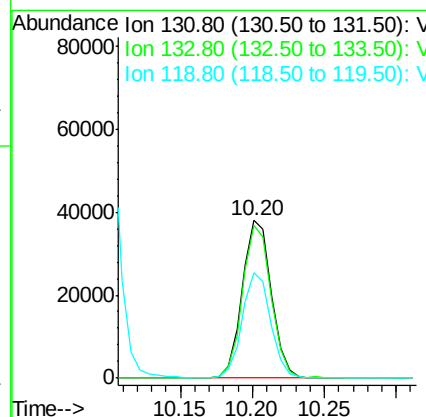
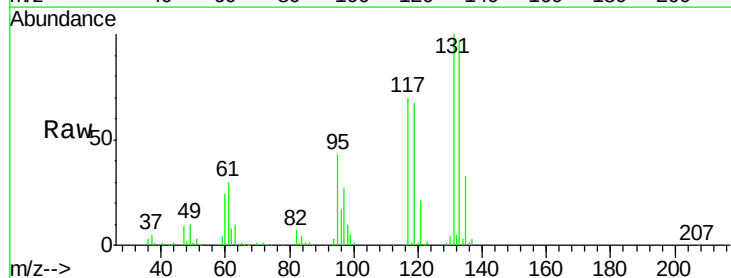
Manual Integrations
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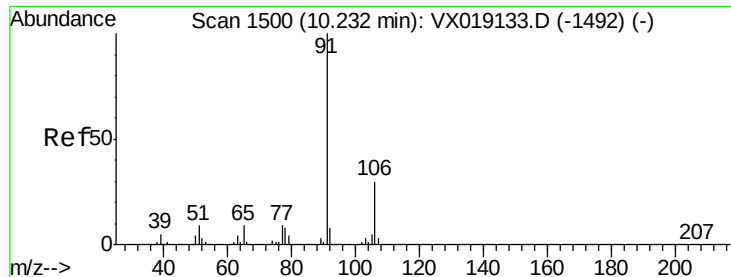
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.253 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion:131 Resp: 53517
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 65.5 32.3 96.9





#67

Ethyl Benzene

Concen: 18.415 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampled :

VX1104WBSD01

Tot Ion: 91 Resp: 267240

Ion Ratio Lower Upper

91 100

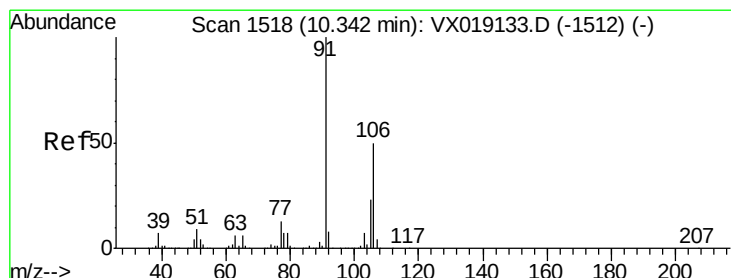
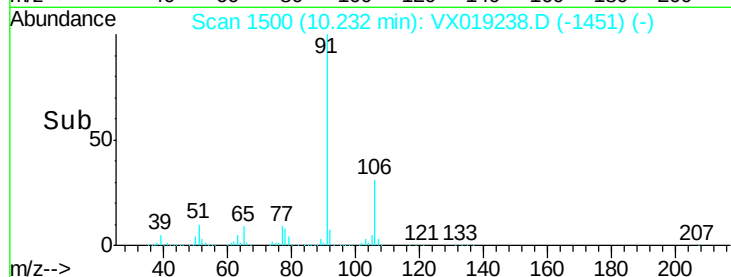
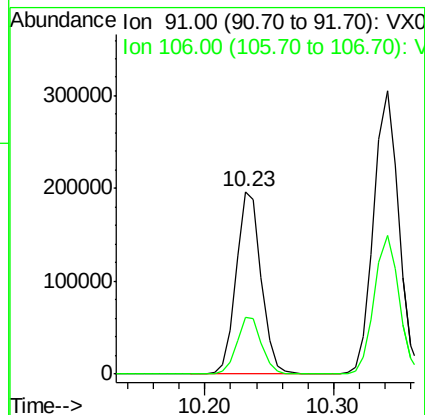
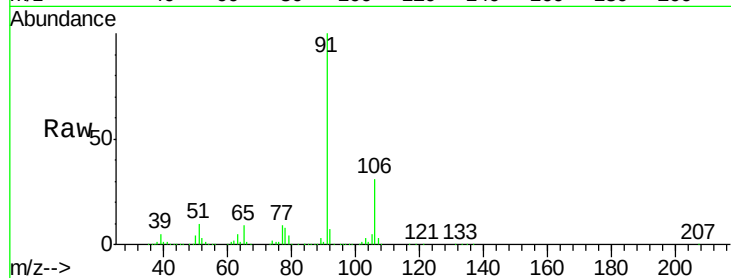
106 31.1 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 36.592 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019238.D

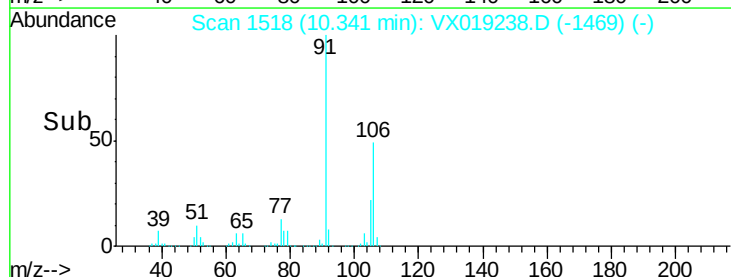
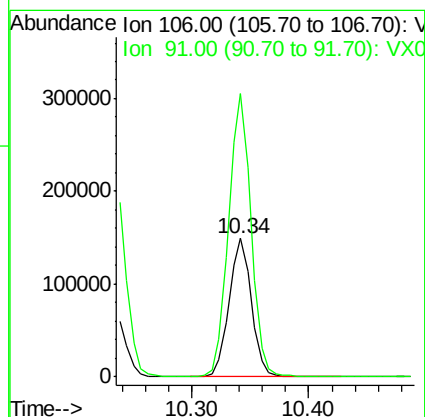
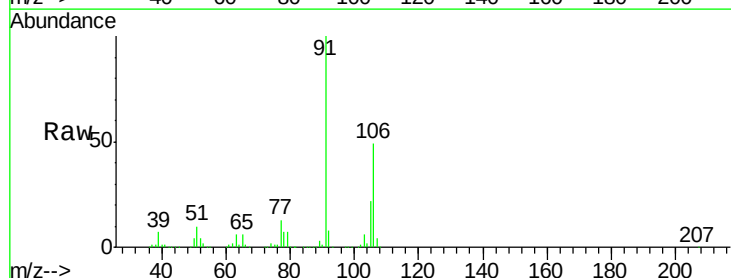
Acq: 03 Nov 2020 17:25

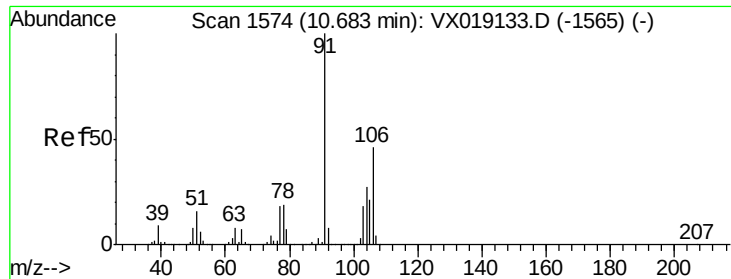
Tgt Ion: 106 Resp: 199310

Ion Ratio Lower Upper

106 100

91 204.3 161.0 241.4





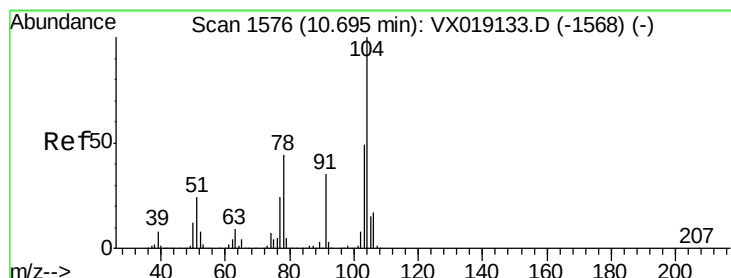
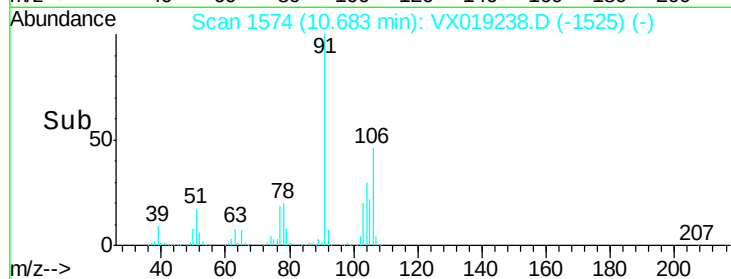
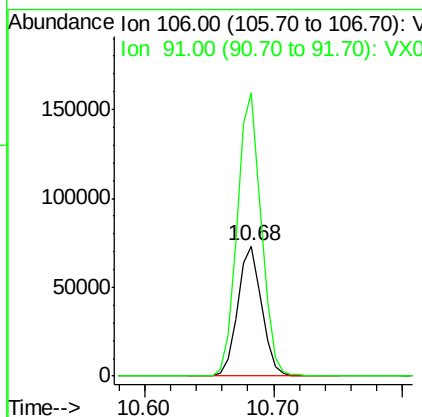
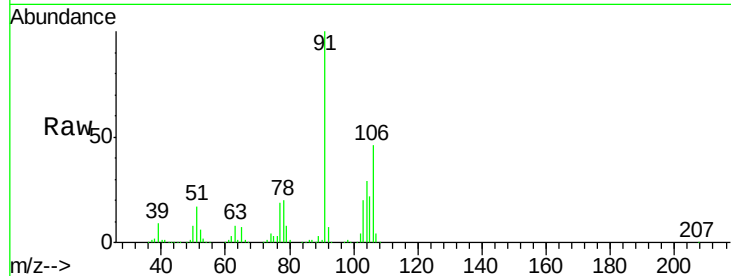
#69
o-Xylene
Concen: 18.302 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		94554		
91	218.9	108.3	324.8		

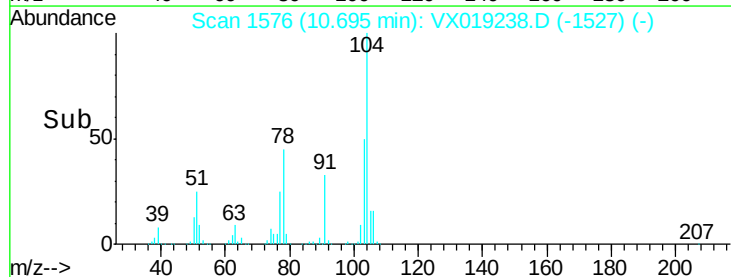
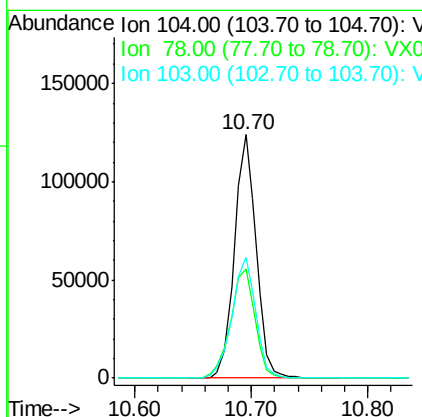
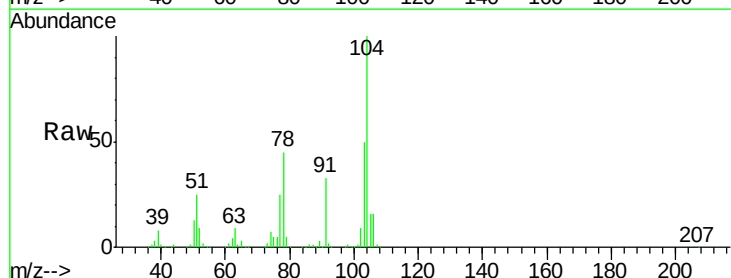
Manual Integrations
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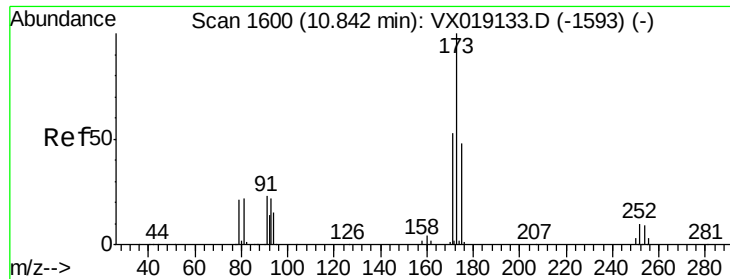
MMDadoda
11/4/2020 11:58:50 AM



#70
Styrene
Concen: 18.280 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		161138		
78	50.7	40.0	60.0		
103	54.3	43.5	65.3		





#71

Bromoform

Concen: 17.566 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

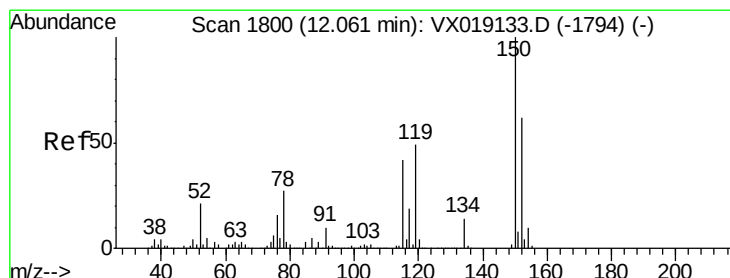
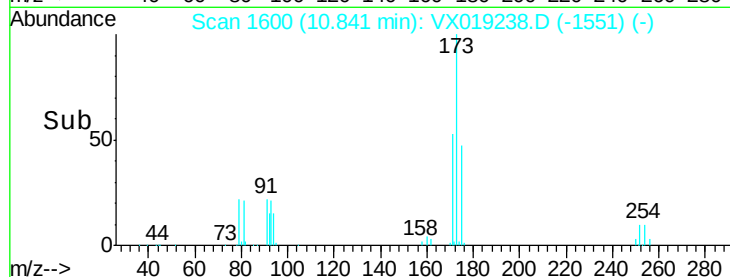
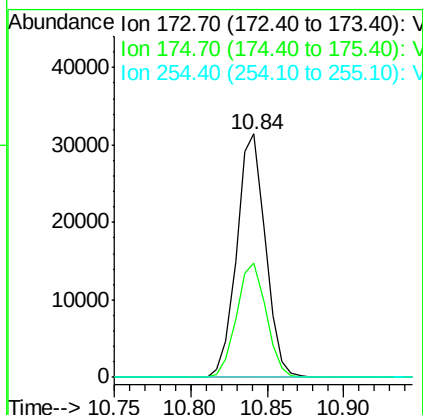
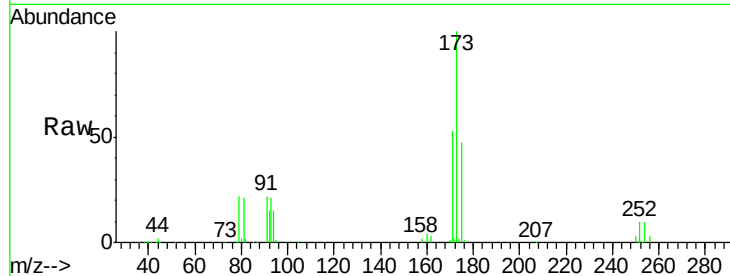
ClientSampleId :

VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.4
254	0.0	0.1	0.1#

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11/4/2020 11:58:50 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

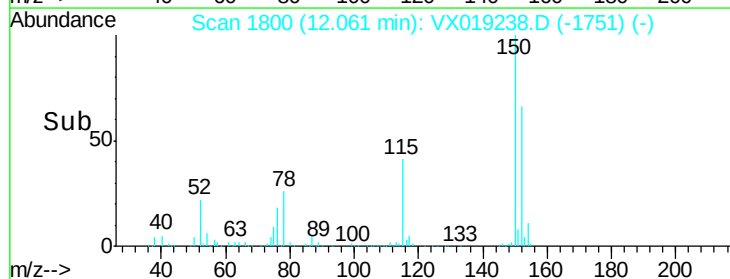
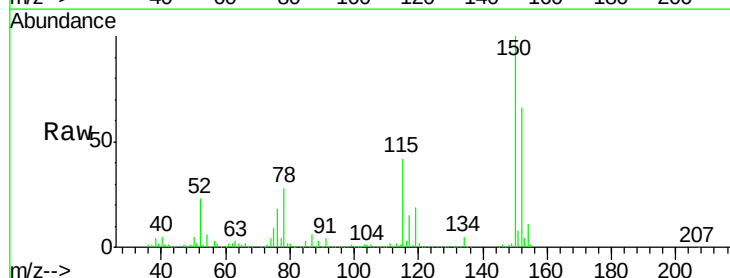
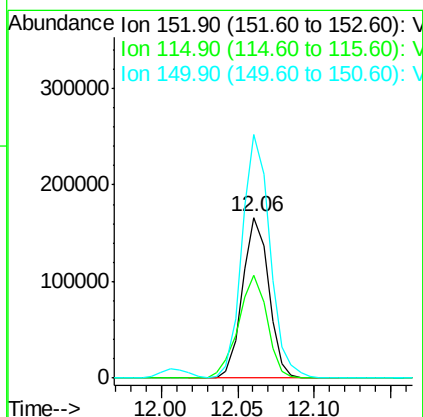
RT: 12.06 min Scan# 1800

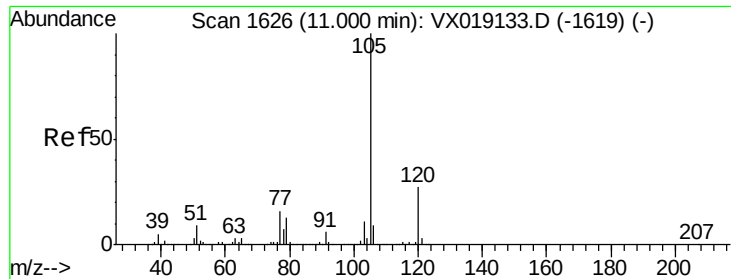
Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.9	41.9	125.7
150	160.7	0.0	347.8





#73

Isopropylbenzene

Concen: 18.584 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 105 Resp: 260831

Ion Ratio Lower Upper

105 100

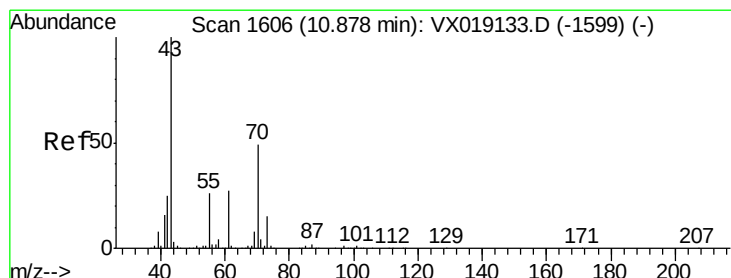
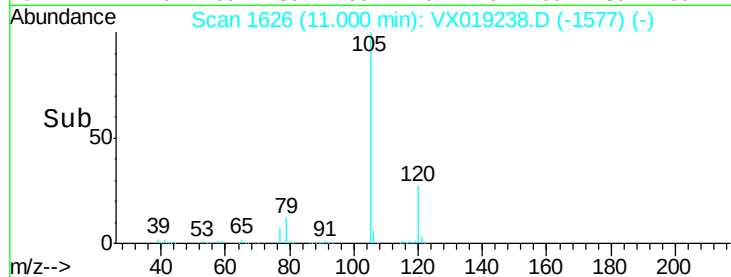
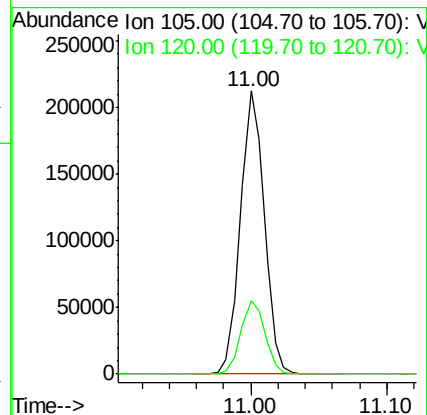
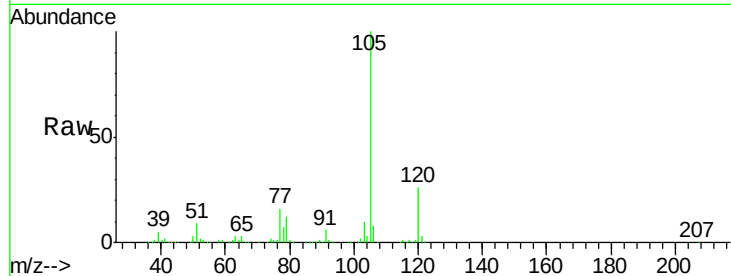
120 26.1 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.814 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion: 43 Resp: 96548

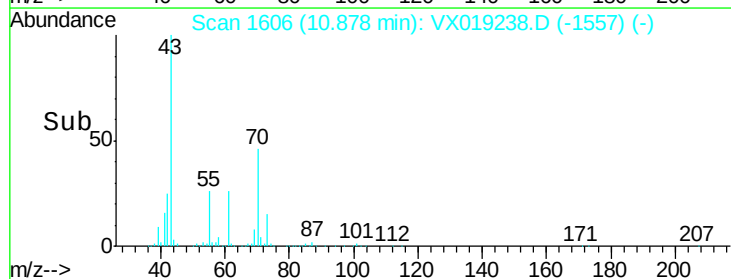
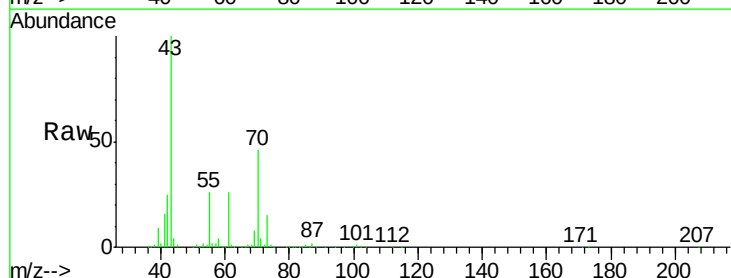
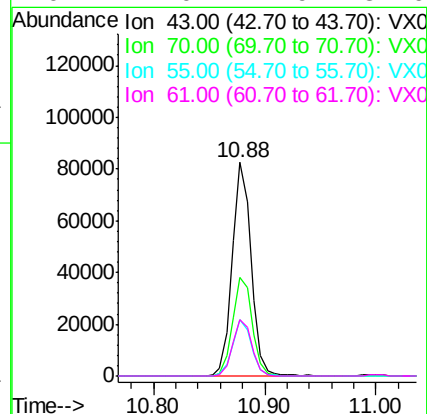
Ion Ratio Lower Upper

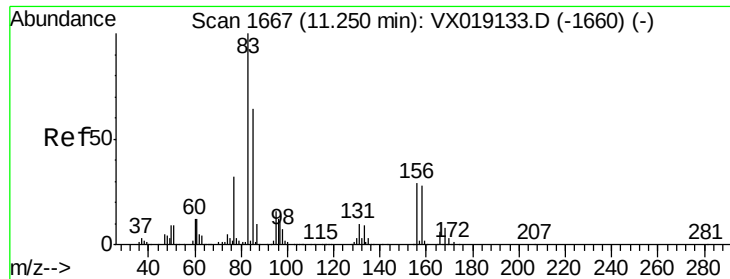
43 100

70 48.2 39.6 59.4

55 26.6 20.7 31.1

61 27.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.795 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

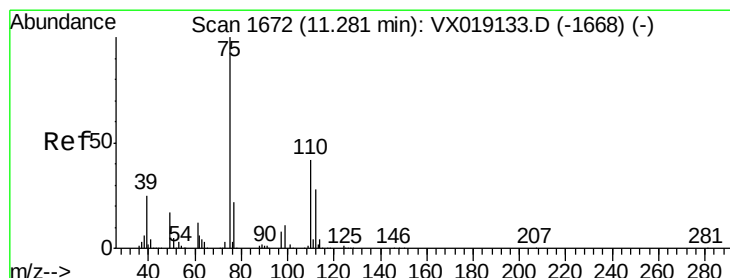
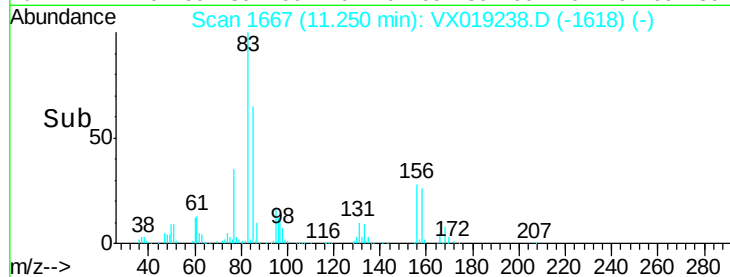
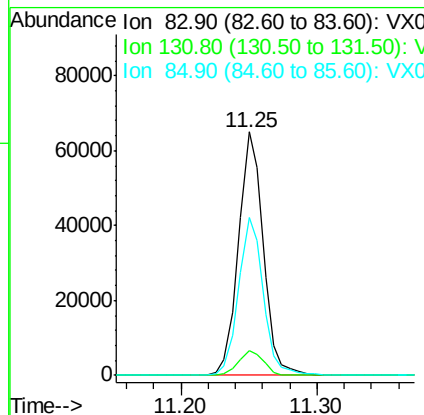
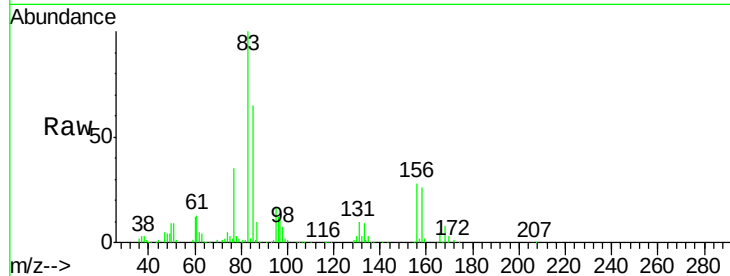
ClientSampleId :

VX1104WBSD01

Tot Ion:	83	Resp:	82443
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.2	15.6
85	64.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.612 ug/l m

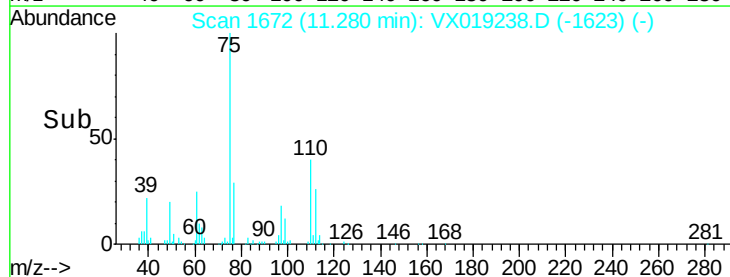
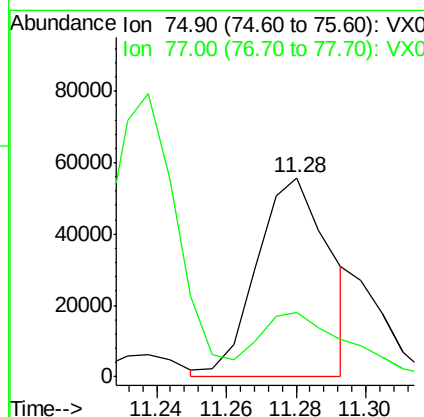
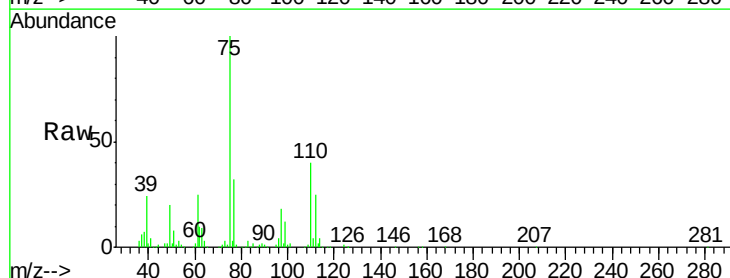
RT: 11.28 min Scan# 1672

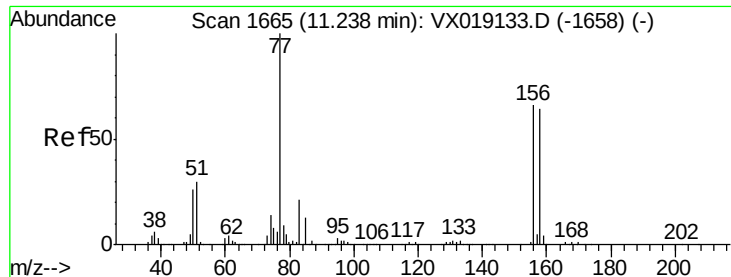
Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Tgt Ion:	75	Resp:	80295
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.3	60.9





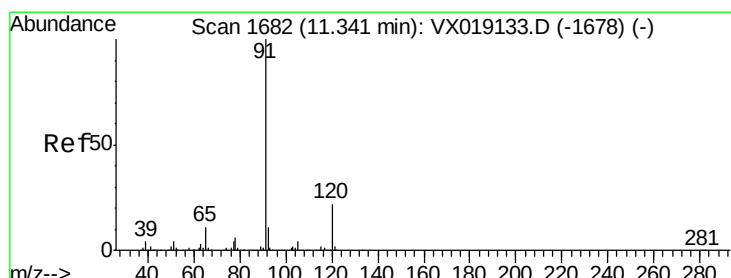
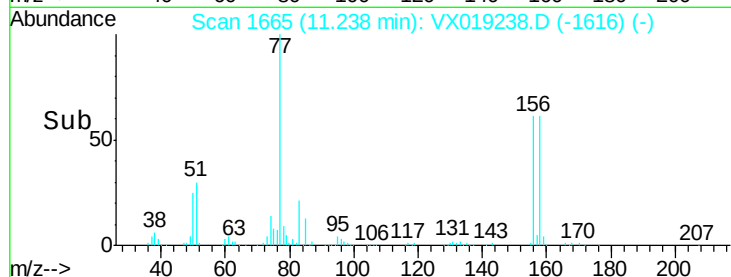
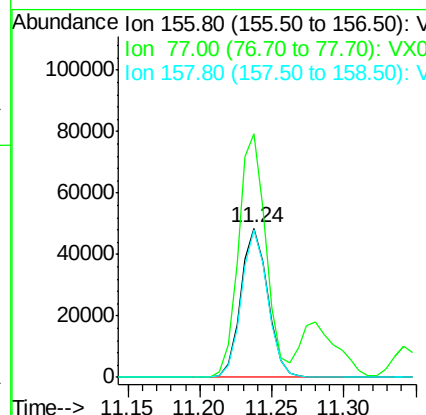
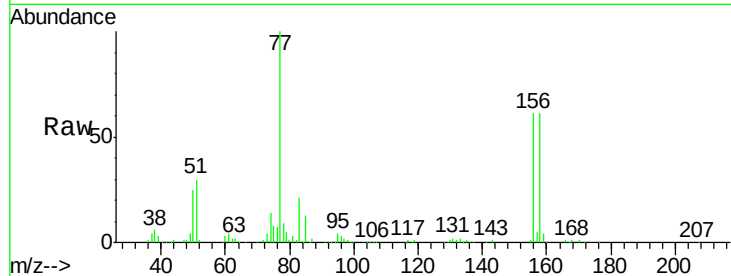
#77
Bromobenzene
Concen: 18.150 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	167.6	77.7	233.1	
158	96.7	48.3	144.8	

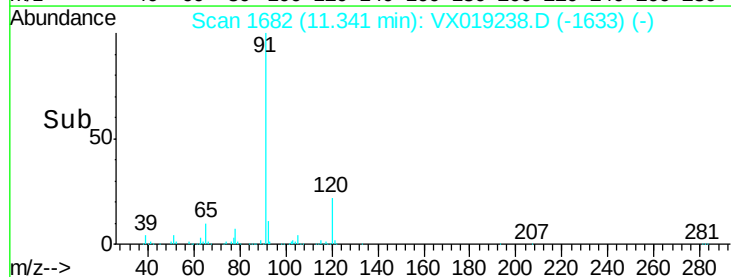
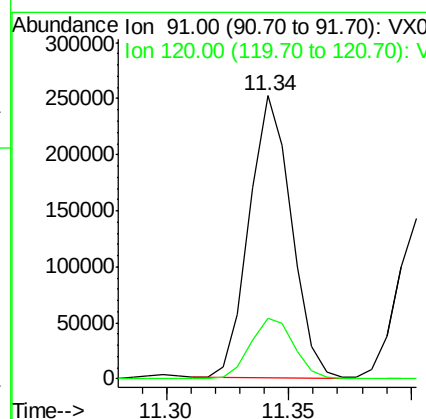
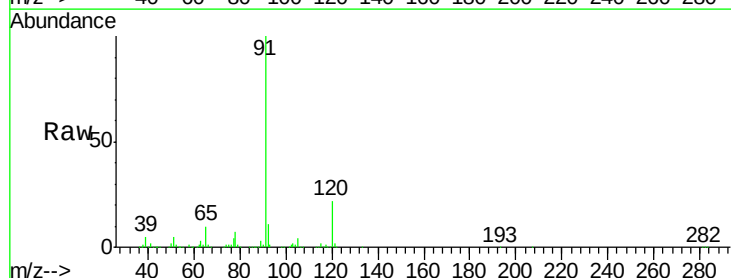
Manual Integrations
APPROVED

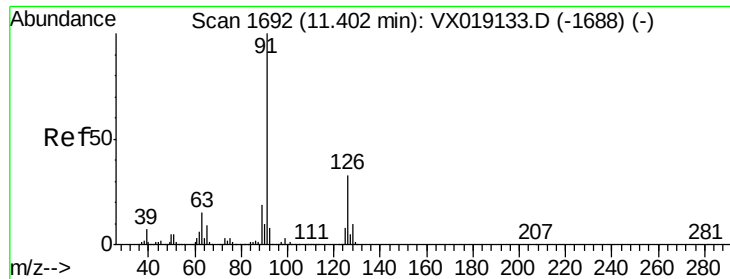
MMDadoda
11/4/2020 11:58:50 AM



#78
n-propylbenzene
Concen: 18.918 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.7	35.0	





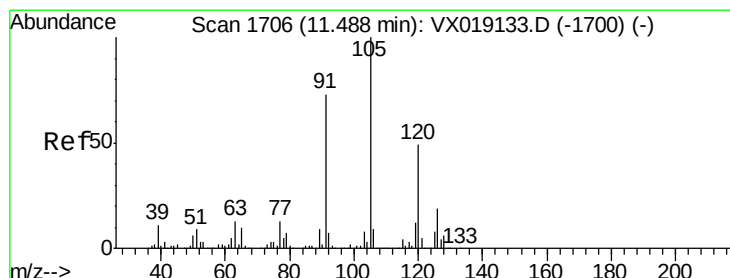
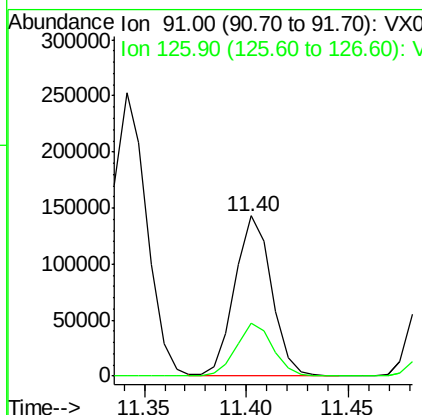
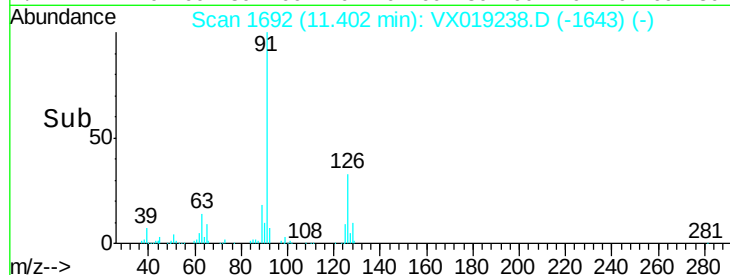
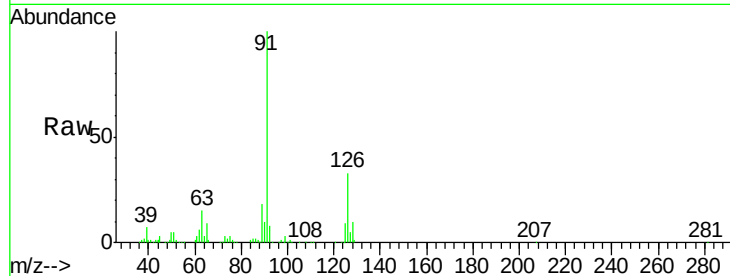
#79
 2-Chlorotoluene
 Concen: 18.843 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion: 91 Resp: 177737
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.9 50.7

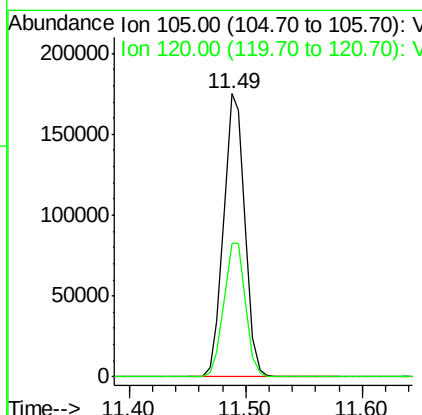
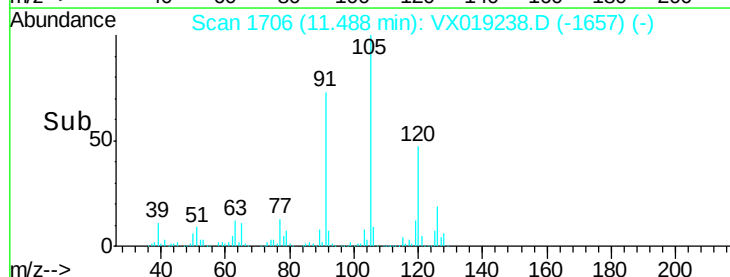
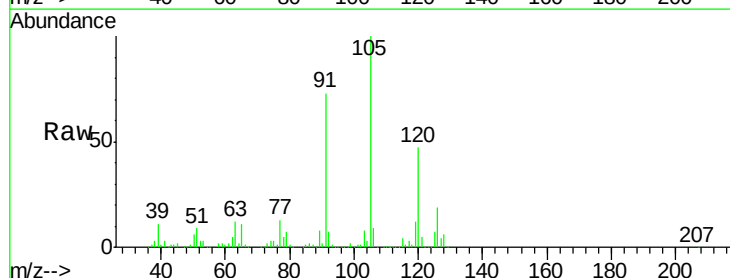
Manual Integrations
 APPROVED

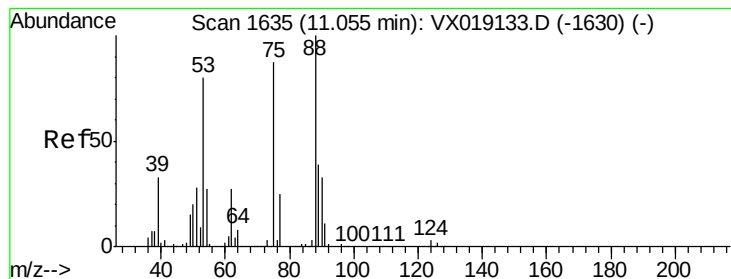
MMDadoda
 11/4/2020 11:58:50 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.445 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion: 105 Resp: 218703
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.344 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion: 75 Resp: 26969

Ion Ratio Lower Upper

75 100

53 96.9 73.3 109.9

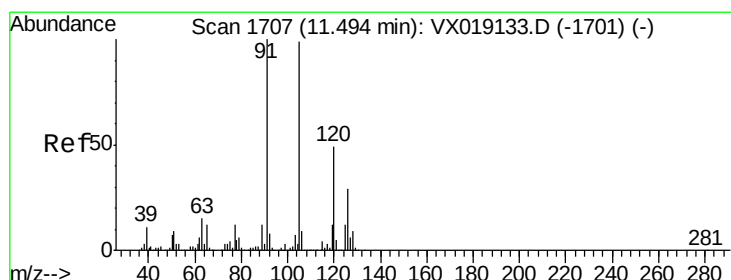
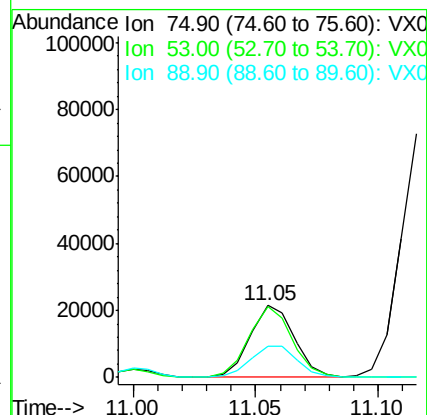
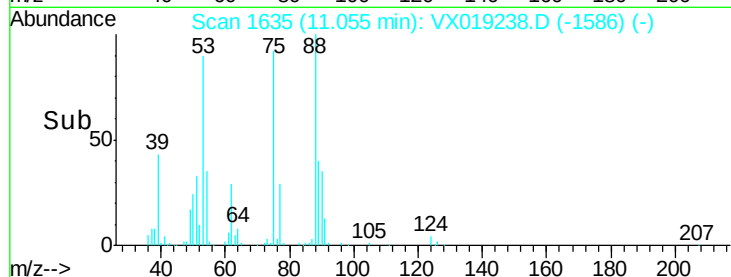
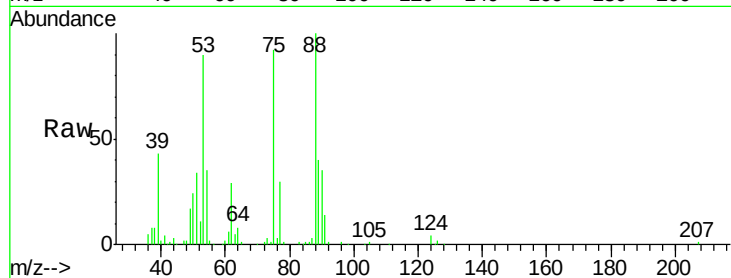
89 46.4 38.2 57.2

Manual Integrations

APPROVED

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#82

4-Chlorotoluene

Concen: 18.366 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019238.D

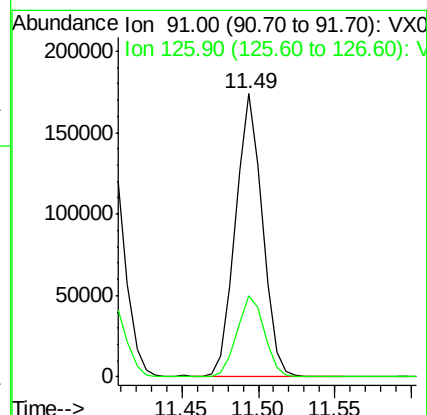
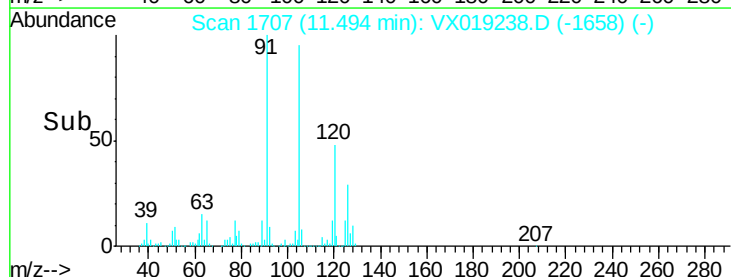
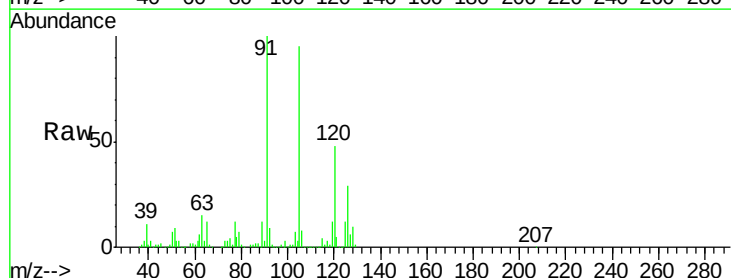
Acq: 03 Nov 2020 17:25

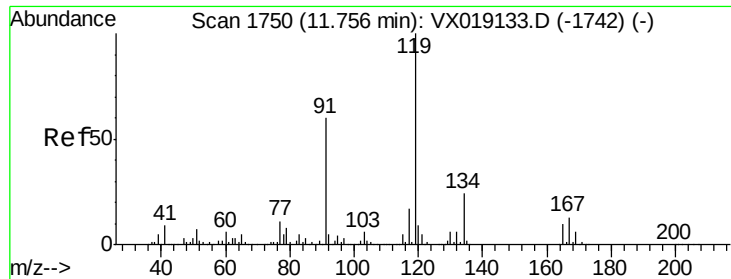
Tgt Ion: 91 Resp: 211548

Ion Ratio Lower Upper

91 100

126 29.4 14.8 44.4





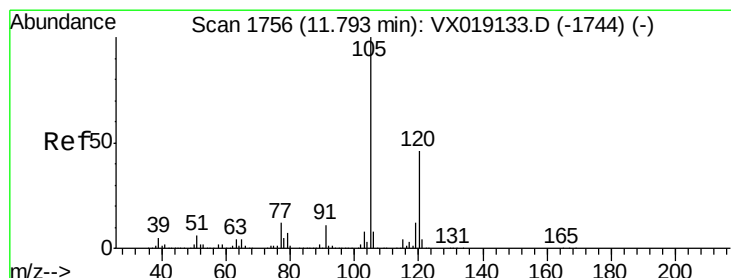
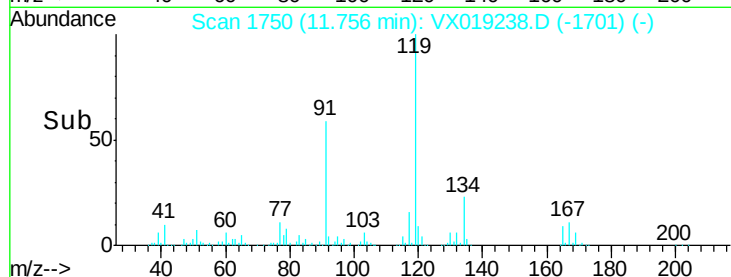
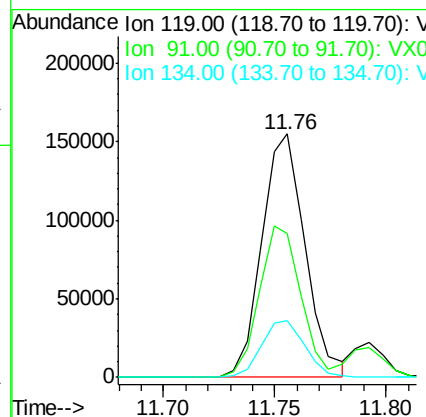
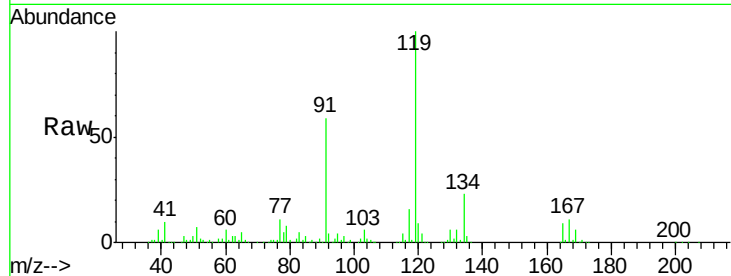
#83
 tert-Butylbenzene
 Concen: 18.429 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209222		
91	59.6		29.0	87.1
134	23.2		11.7	35.0

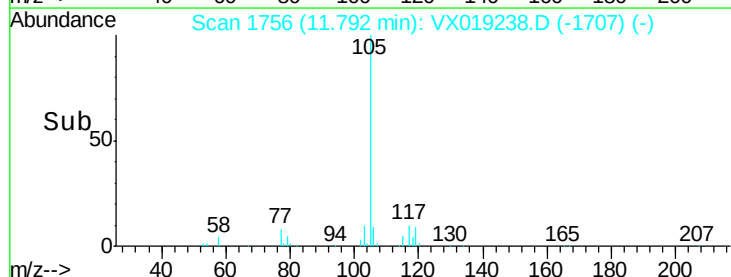
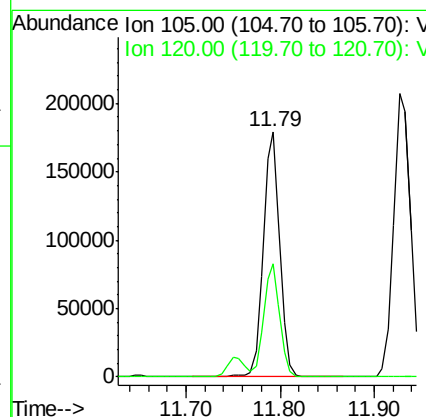
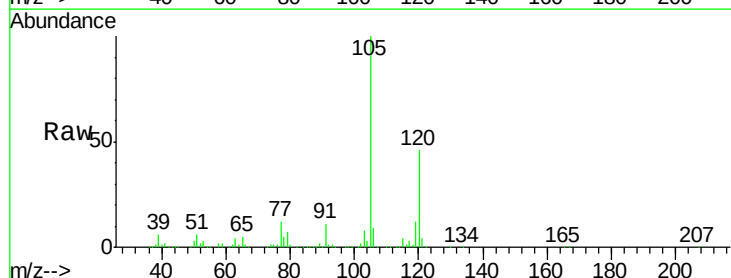
Manual Integrations
 APPROVED

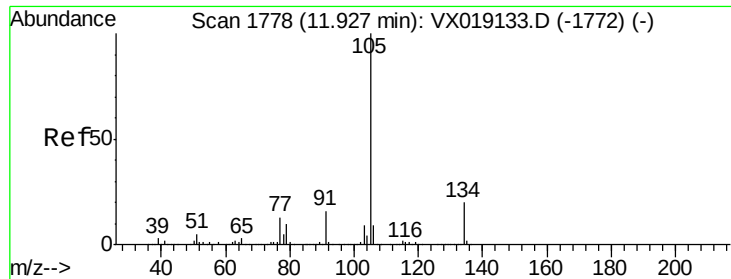
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 11/4/2020 11:58:50 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.511 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	221585		
120	44.8		22.4	67.3





#85

sec-Butylbenzene

Concen: 18.880 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

Tot Ion:105 Resp: 257083

Ion Ratio Lower Upper

105 100

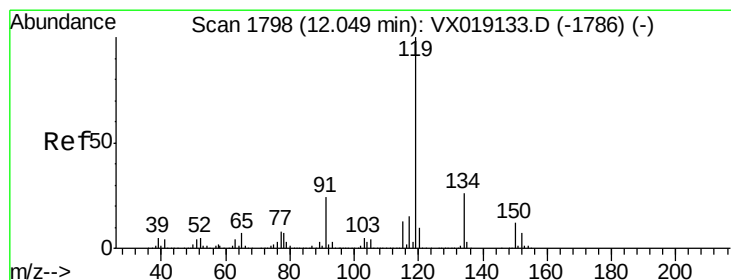
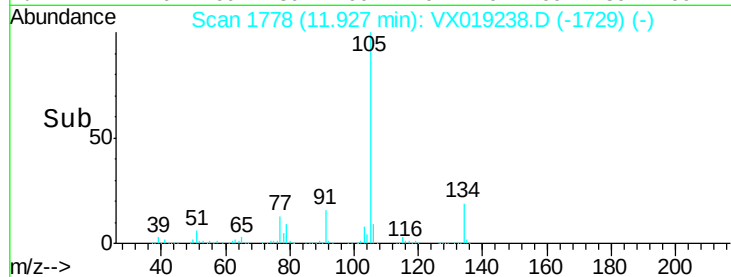
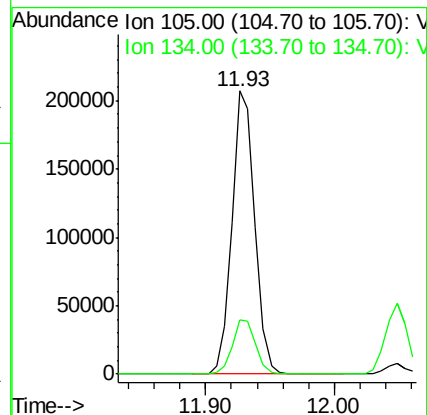
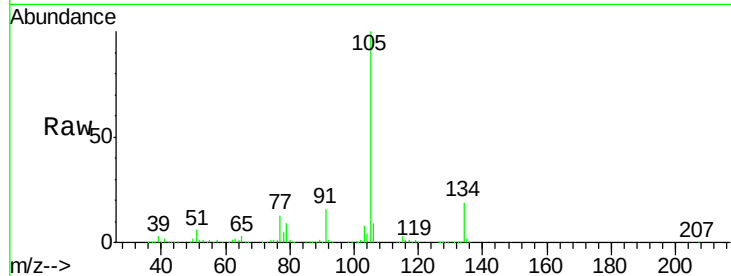
134 19.6 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.009 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019238.D

Acq: 03 Nov 2020 17:25

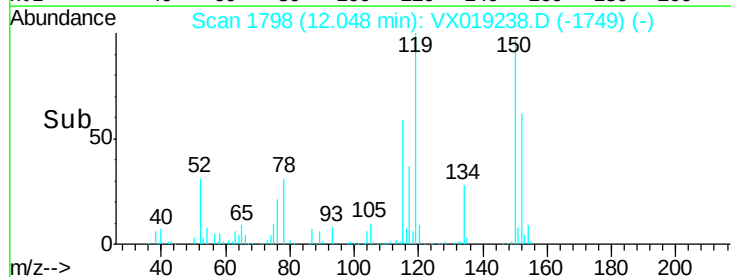
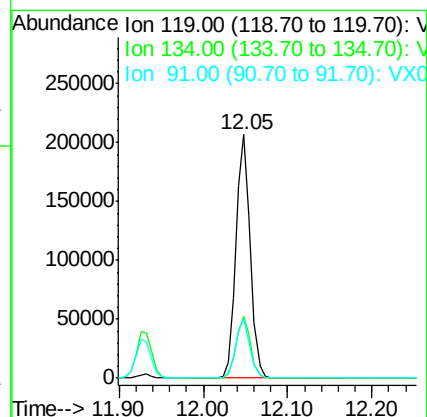
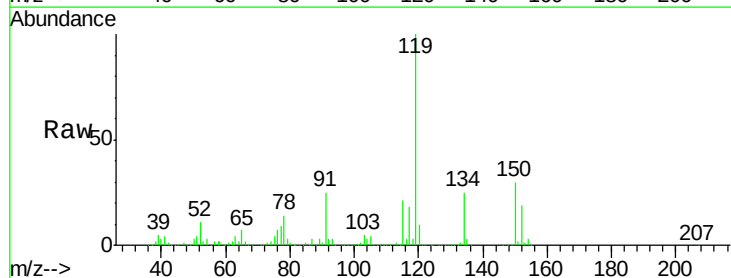
Tgt Ion:119 Resp: 238907

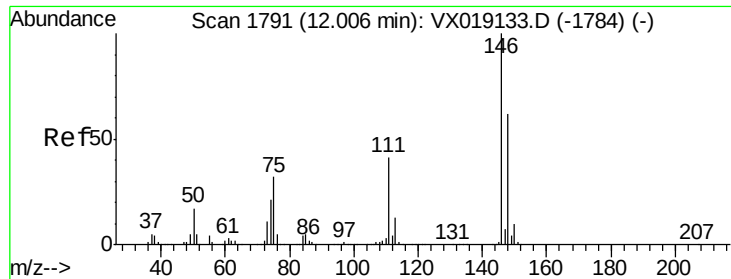
Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 24.4 12.0 36.0





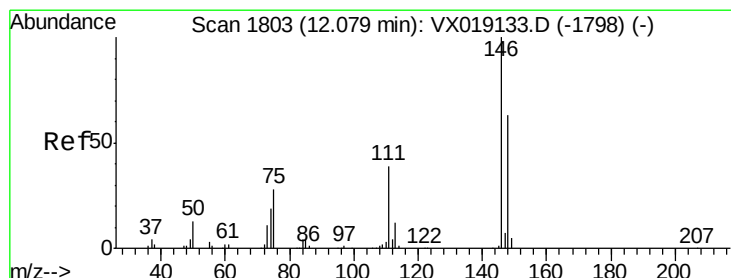
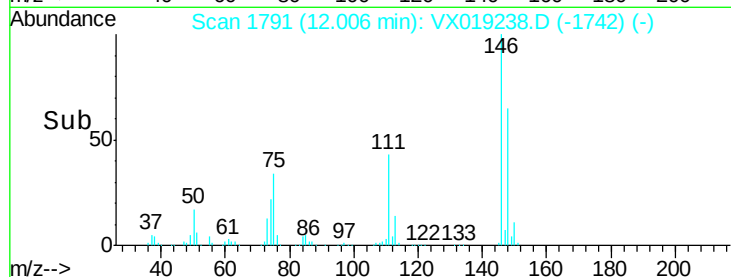
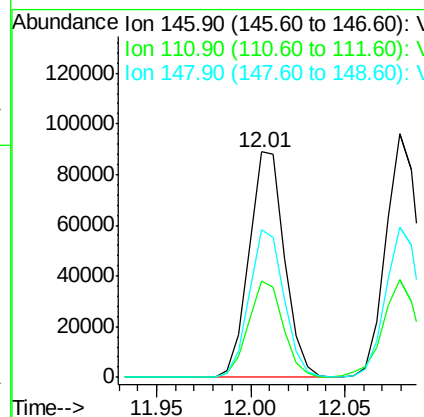
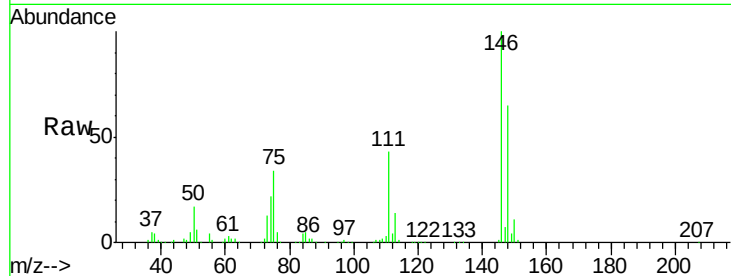
#87
 1,3-Dichlorobenzene
 Concen: 17.959 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.2
148	64.0	31.6	94.8

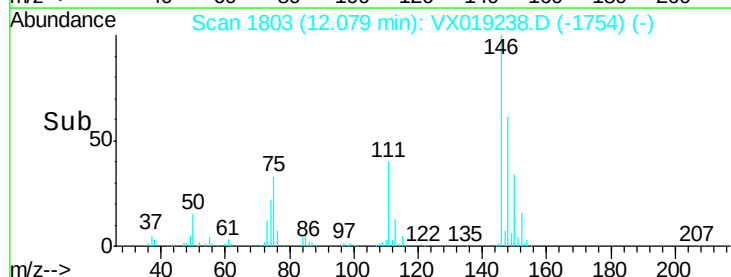
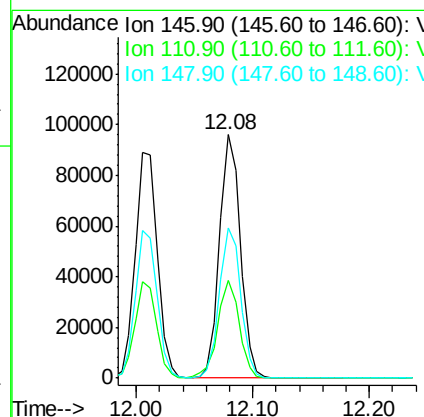
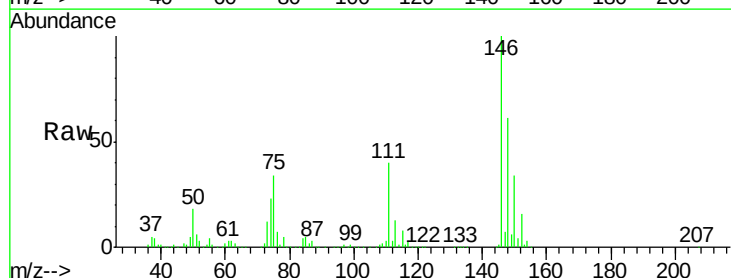
Manual Integrations
 APPROVED

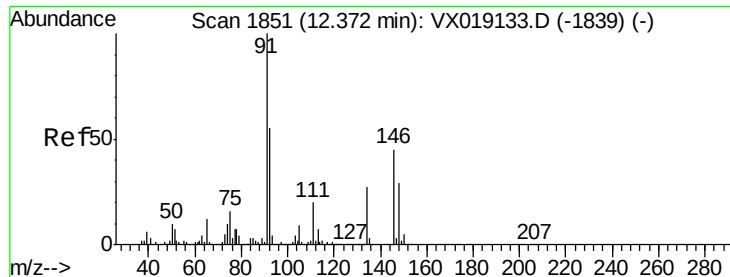
MMDadoda
 11/4/2020 11:58:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.564 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.2	60.5
148	62.7	31.3	93.8





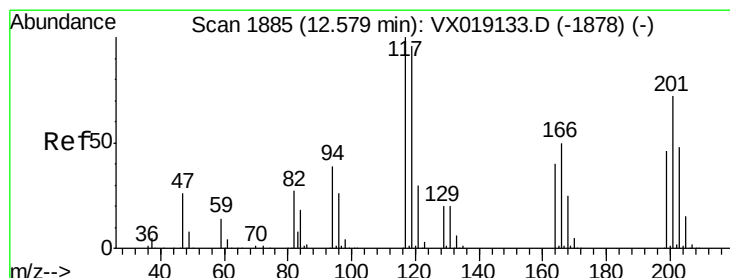
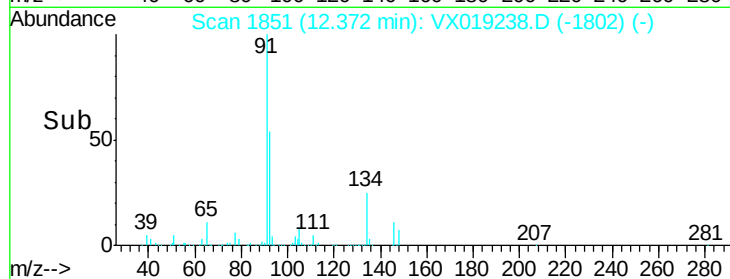
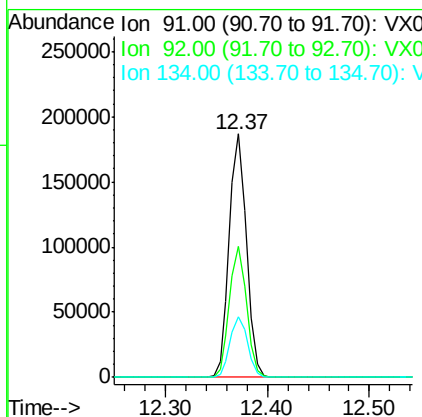
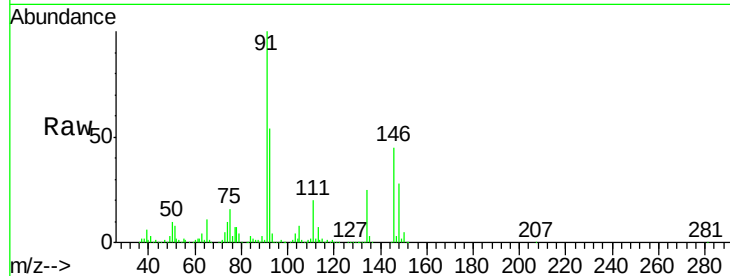
#89
n-Butylbenzene
Concen: 18.443 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.5	82.4
134	25.1	13.2	39.6

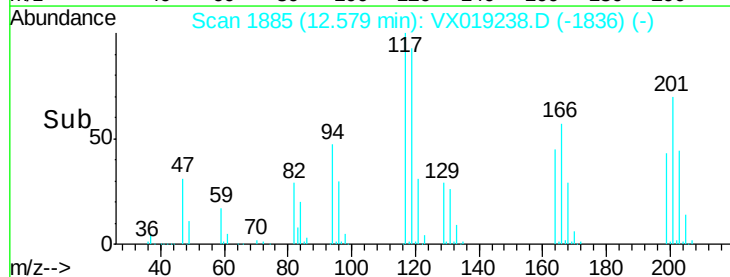
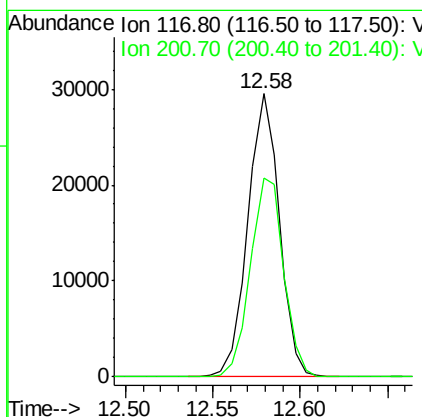
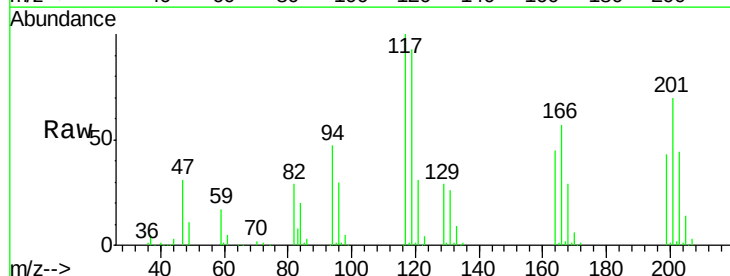
Manual Integrations
APPROVED

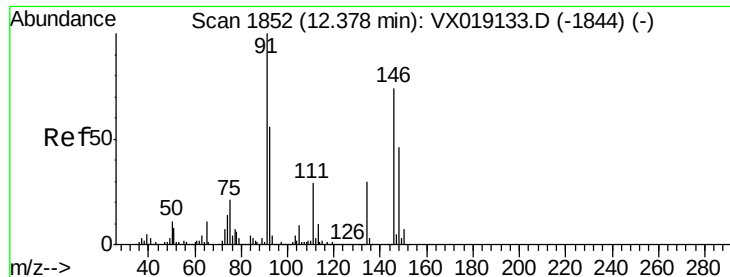
MMDadoda
11/4/2020 11:58:50 AM



#90
Hexachloroethane
Concen: 17.319 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	38.5	115.3





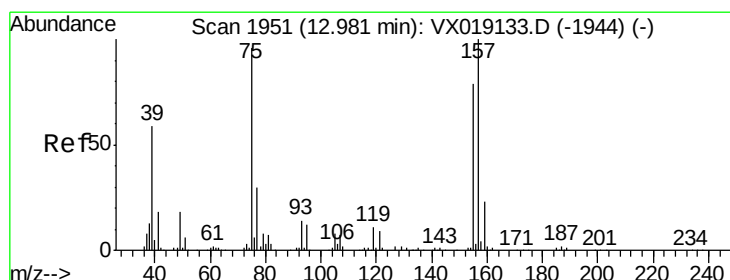
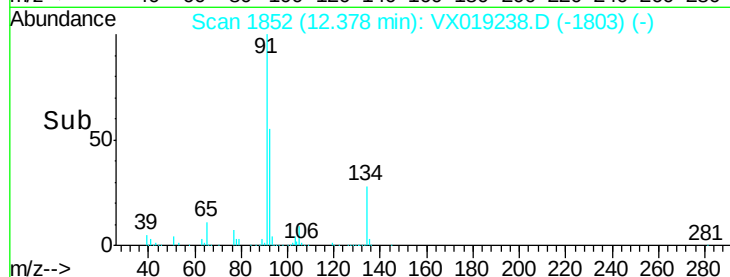
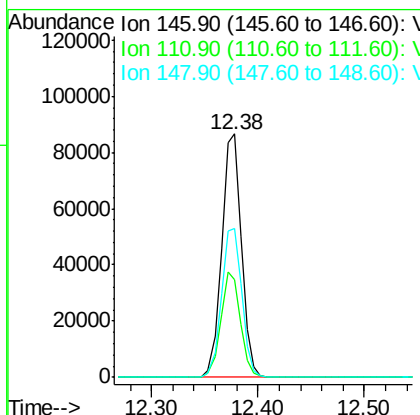
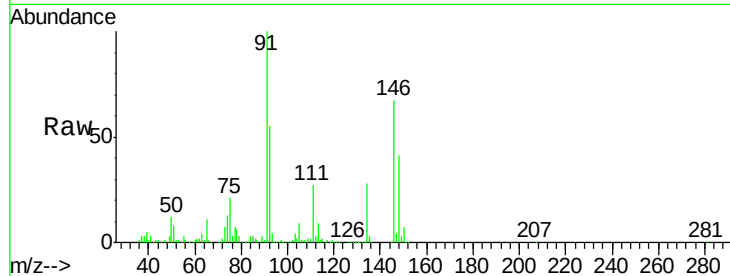
#91
1,2-Dichlorobenzene
Concen: 17.945 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.8	21.2	63.6	
148	63.1	31.6	94.7	

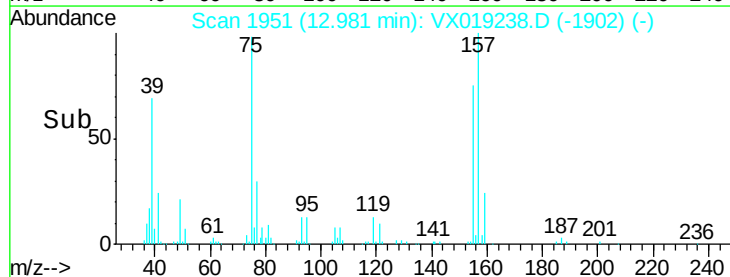
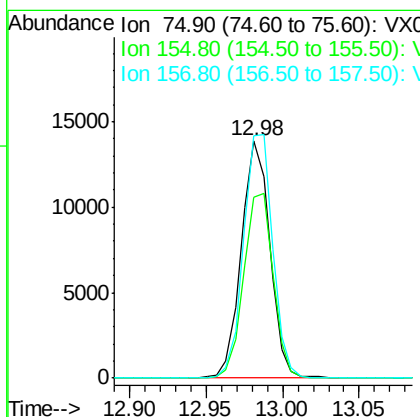
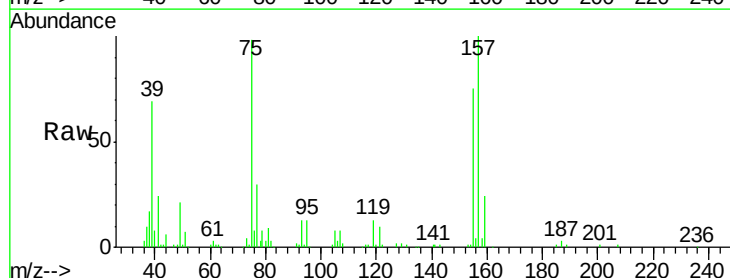
Manual Integrations
APPROVED

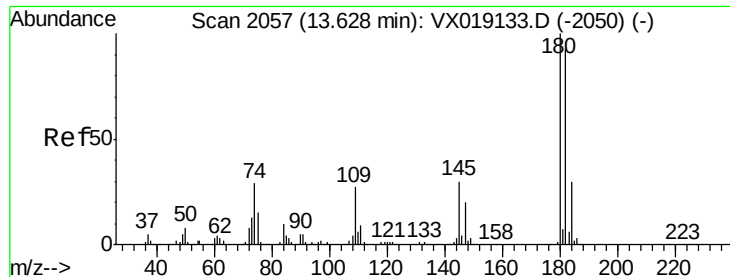
MMDadoda
11/4/2020 11:58:50 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.687 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	80.5	42.8	128.4	
157	105.1	54.8	164.4	





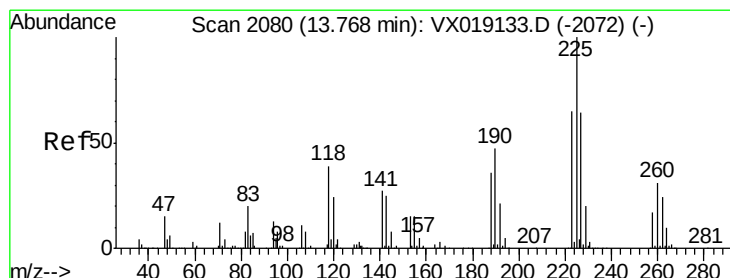
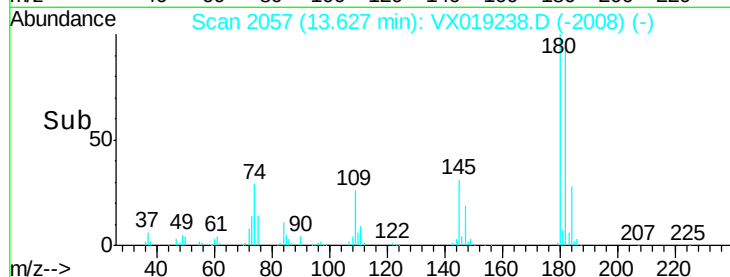
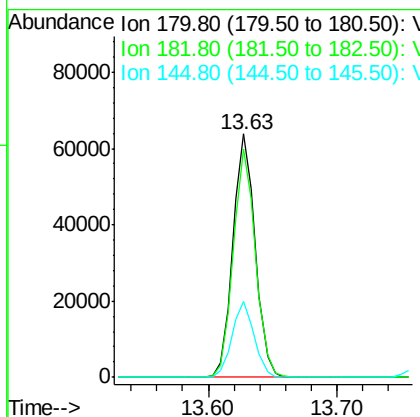
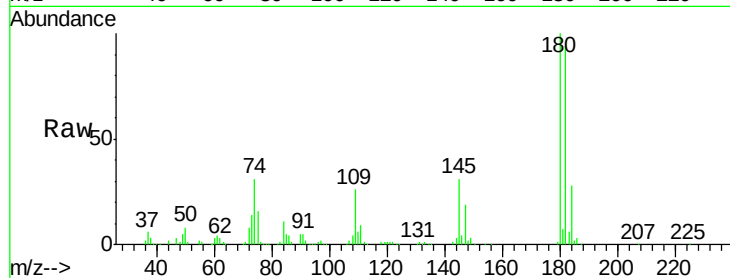
#93
 1,2,4-Trichlorobenzene
 Concen: 16.500 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.8	140.3
145	30.8	15.5	46.5

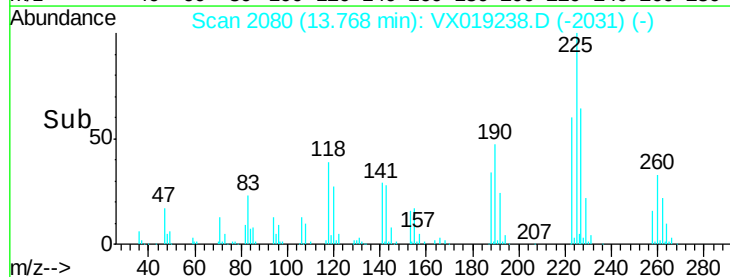
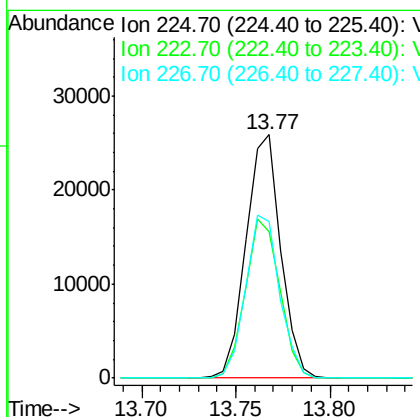
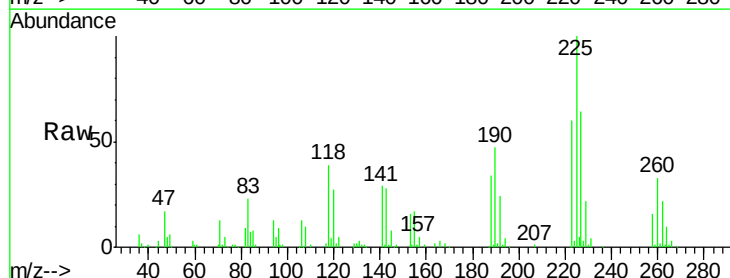
Manual Integrations
 APPROVED

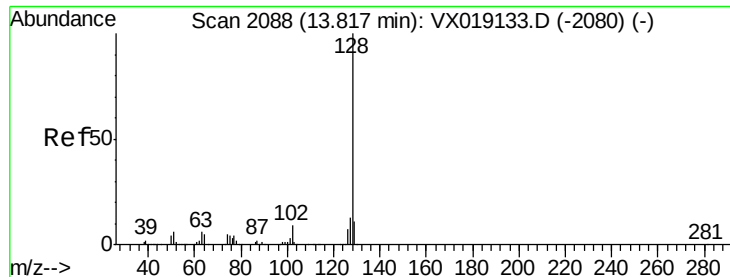
MMDadoda
 11/4/2020 11:58:50 AM



#94
 Hexachlorobutadiene
 Concen: 16.022 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX019238.D
 Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.4	97.2
227	66.0	31.6	94.7





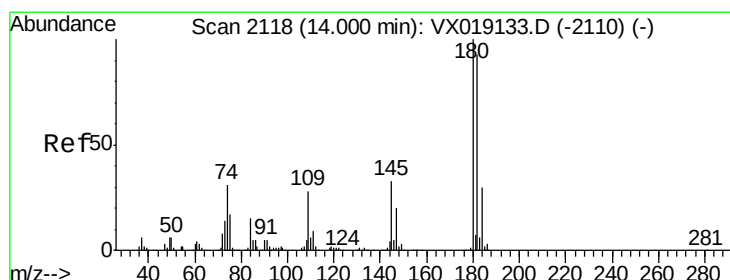
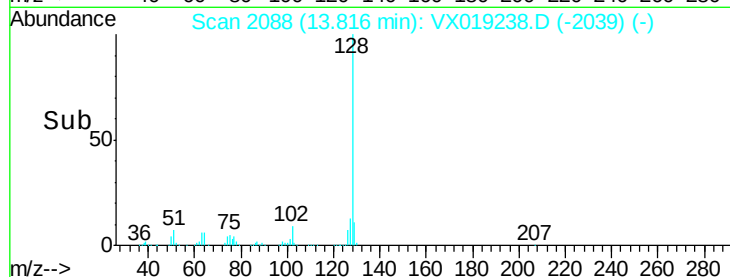
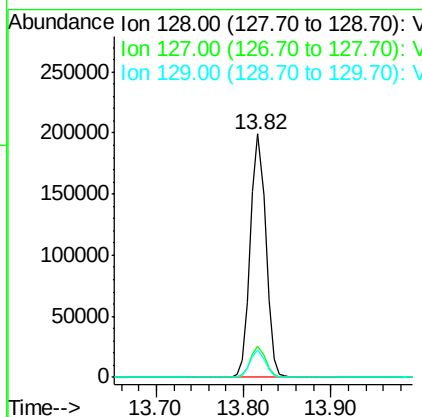
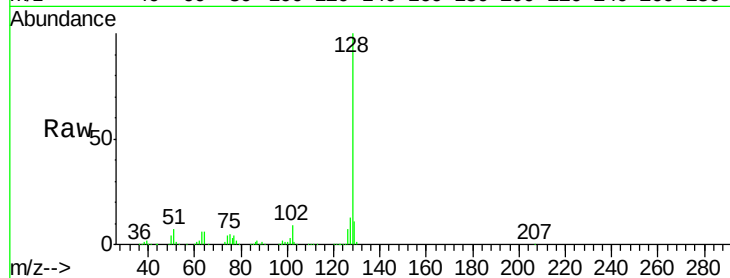
#95
Naphthalene
Concen: 16.434 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/4/2020 11:58:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 16.408 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019238.D
Acq: 03 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	33.4	16.5	49.5

